

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114624.D
 Acq On : 26 May 2019 1:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 27 01:23:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141117	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	553711	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	249369	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	493578	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	347021	20.00	ng	-0.02
87) Perylene-d12	15.43	264	338933	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	733664	83.67	ng	-0.02
7) Phenol-d6	6.45	99	882948	85.13	ng	-0.01
23) Nitrobenzene-d5	7.37	82	826291	83.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	199551	77.40	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1434571	87.02	ng	-0.02
79) Terphenyl-d14	12.90	244	1443755	85.76	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	168153	34.887	ng	99
3) Pyridine	3.26	79	460749	34.695	ng	97
4) n-Nitrosodimethylamine	3.22	42	226486	35.366	ng	99
6) Aniline	6.47	93	617495	41.216	ng	# 83
8) 2-Chlorophenol	6.59	128	402532	42.999	ng	97
9) Benzaldehyde	6.36	77	256942	35.388	ng	99
10) Phenol	6.46	94	512875	42.037	ng	# 71
11) bis(2-Chloroethyl)ether	6.53	93	391795	42.299	ng	99
12) 1,3-Dichlorobenzene	6.74	146	451696	42.985	ng	97
13) 1,4-Dichlorobenzene	6.82	146	454790	42.949	ng	98
14) 1,2-Dichlorobenzene	6.97	146	417303	43.136	ng	98
15) Benzyl Alcohol	6.95	79	319822	39.538	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	707804	39.411	ng	62
17) 2-Methylphenol	7.07	107	313056	40.709	ng	# 90
18) Hexachloroethane	7.31	117	165667	41.680	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	267104	40.631	ng	99
20) 3+4-Methylphenols	7.22	107	411621	46.328	ng	# 82
22) Acetophenone	7.22	105	540108	44.031	ng	# 90
24) Nitrobenzene	7.39	77	426966	42.488	ng	98
25) Isophorone	7.63	82	742495	40.577	ng	99
26) 2-Nitrophenol	7.70	139	211157	43.310	ng	95
27) 2,4-Dimethylphenol	7.75	122	310399	40.536	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	490505	41.313	ng	99
29) 2,4-Dichlorophenol	7.96	162	327773	42.987	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	363310	41.902	ng	99
31) Naphthalene	8.10	128	1138703	44.025	ng	98
32) Benzoic acid	7.90	122	170935	33.749	ng	99
33) 4-Chloroaniline	8.16	127	513339	43.554	ng	98
34) Hexachlorobutadiene	8.22	225	210336	42.635	ng	99
35) Caprolactam	8.53	113	107115	43.082	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	338166	44.060	ng	98
37) 2-Methylnaphthalene	8.80	142	737037	44.166	ng	98
38) 1-Methylnaphthalene	8.90	142	691793	44.021	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	335931	44.471	ng	100

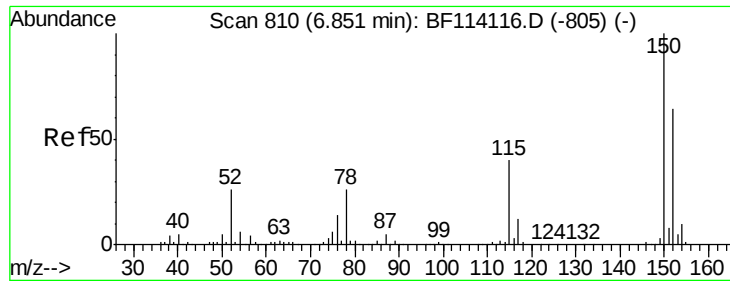
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114624.D
 Acq On : 26 May 2019 1:30
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 27 01:23:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	110717	34.084	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	210243	40.464	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	208247	39.082	ng	94
46) 1,1'-Biphenyl	9.26	154	911724	45.257	ng	98
47) 2-Chloronaphthalene	9.29	162	714141	44.047	ng	99
48) 2-Nitroaniline	9.39	65	250977	43.649	ng	92
49) Acenaphthylene	9.70	152	1088191	44.130	ng	98
50) Dimethylphthalate	9.56	163	783034	42.775	ng	99
51) 2,6-Dinitrotoluene	9.63	165	173401	42.707	ng	97
52) Acenaphthene	9.87	154	650275	42.974	ng	99
53) 3-Nitroaniline	9.80	138	222375	44.120	ng	98
54) 2,4-Dinitrophenol	9.93	184	66205	36.438	ng	97
55) Dibenzofuran	10.05	168	916781	41.318	ng	98
56) 4-Nitrophenol	9.99	139	107011	30.022	ng	95
57) 2,4-Dinitrotoluene	10.04	165	216570	39.298	ng	# 76
58) Fluorene	10.39	166	763447	44.545	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	174400	37.932	ng	100
60) Diethylphthalate	10.26	149	774050	41.615	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	366522	43.542	ng	97
62) 4-Nitroaniline	10.42	138	212308	40.086	ng	96
63) Azobenzene	10.53	77	742639	41.249	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	96647	40.750	ng	84
66) n-Nitrosodiphenylamine	10.50	169	658240	43.941	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	230328	42.382	ng	98
68) Hexachlorobenzene	10.95	284	251605	41.850	ng	91
69) Atrazine	11.02	200	190513	40.867	ng	99
70) Pentachlorophenol	11.15	266	83249	29.211	ng	98
71) Phenanthrene	11.35	178	1068304	44.488	ng	98
72) Anthracene	11.40	178	1084566	44.967	ng	98
73) Carbazole	11.56	167	1037525	45.110	ng	98
74) Di-n-butylphthalate	11.88	149	1185378	44.735	ng	99
75) Fluoranthene	12.54	202	1157394	44.758	ng	99
77) Benzidine	12.66	184	550362	35.331	ng	97
78) Pyrene	12.77	202	1171507	41.965	ng	99
80) Butylbenzylphthalate	13.37	149	513303	43.685	ng	98
81) Benzo(a)anthracene	13.96	228	1001031	44.599	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	393047	45.141	ng	99
83) Chrysene	14.00	228	960432	43.651	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	682048	44.382	ng	99
85) Di-n-octyl phthalate	14.54	149	1091986	43.834	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	900664	46.317	ng	99
88) Benzo(b)fluoranthene	15.00	252	969316	44.640	ng	99
89) Benzo(k)fluoranthene	15.03	252	830869	41.655	ng	99
90) Benzo(a)pyrene	15.37	252	818903	42.852	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	729129	45.916	ng	98
92) Benzo(g,h,i)perylene	17.33	276	748141	47.012	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

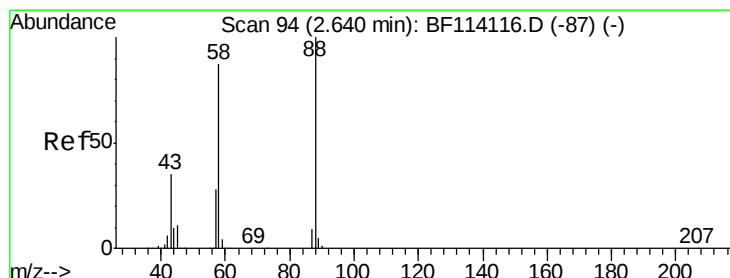
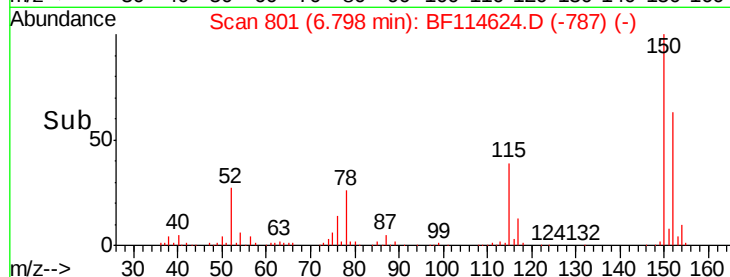
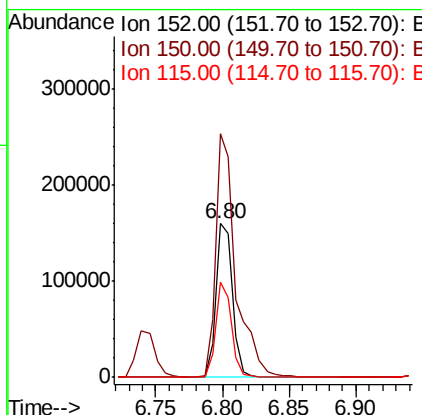
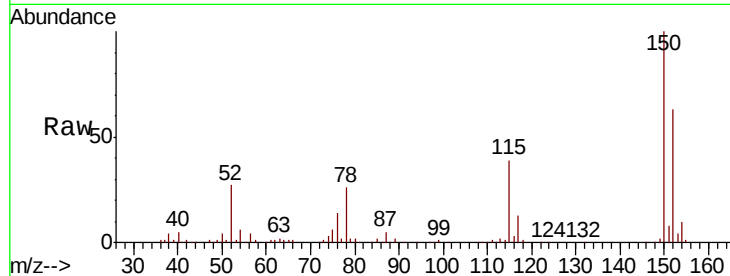


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

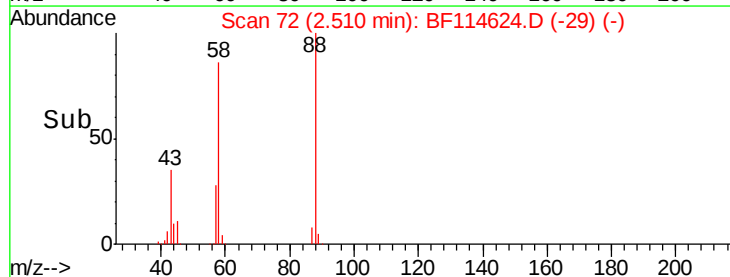
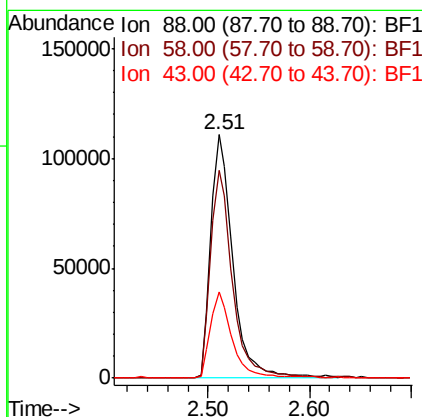
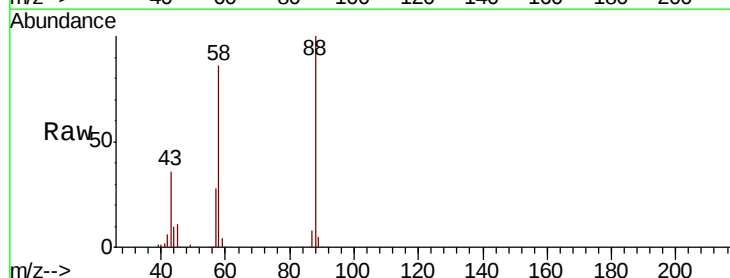
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.3	186.5
115	61.9	49.1	73.7

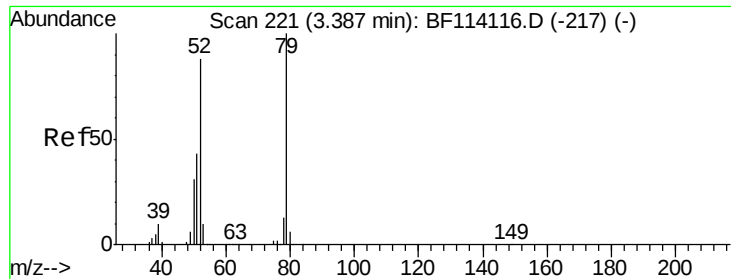


#2

1,4-Dioxane
Concen: 34.887 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.05 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	68.7	103.1
43	35.2	28.2	42.2





#3

Pvridine

Concen: 34.695 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.05 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

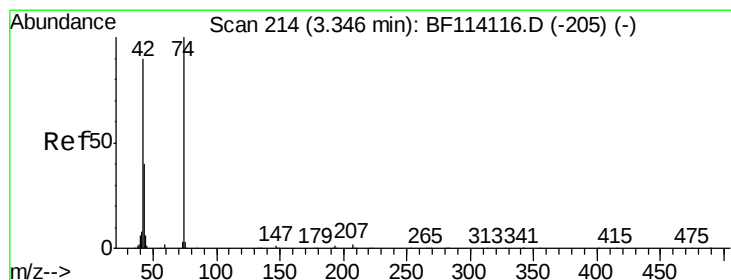
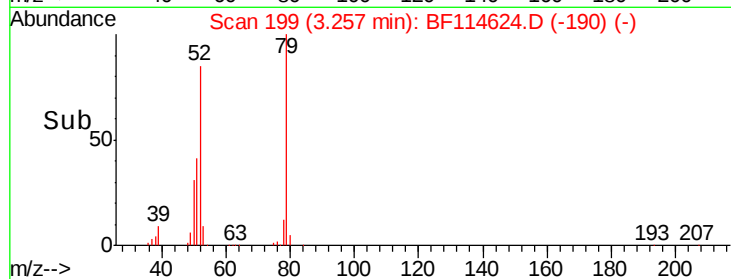
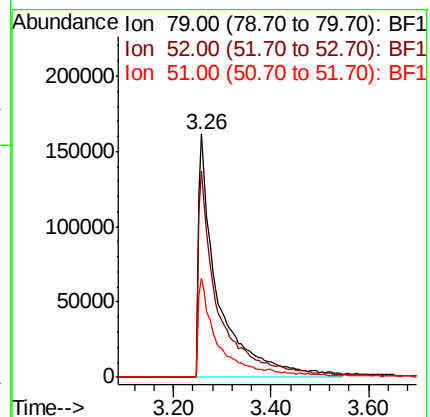
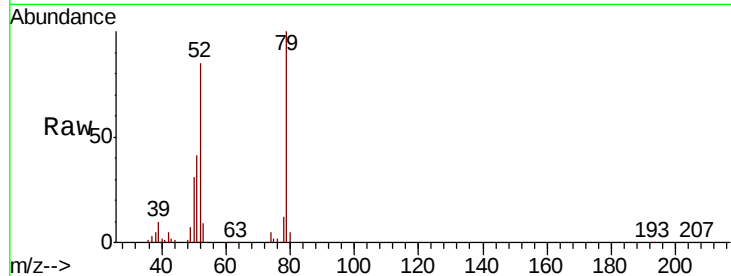
Tot Ion: 79 Resp: 460749

Ion Ratio Lower Upper

79 100

52 85.0 70.6 105.8

51 40.6 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 35.366 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.05 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

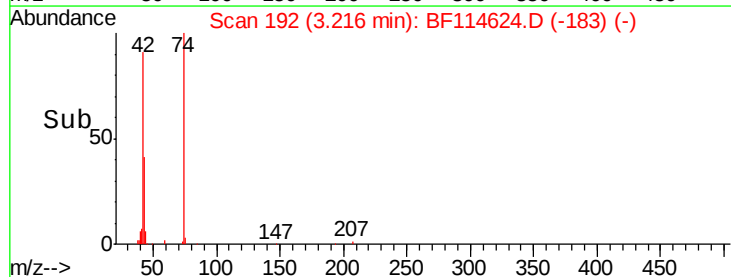
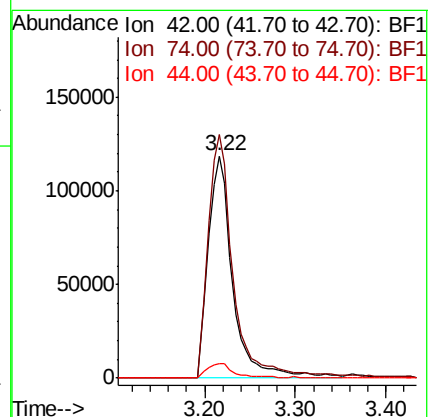
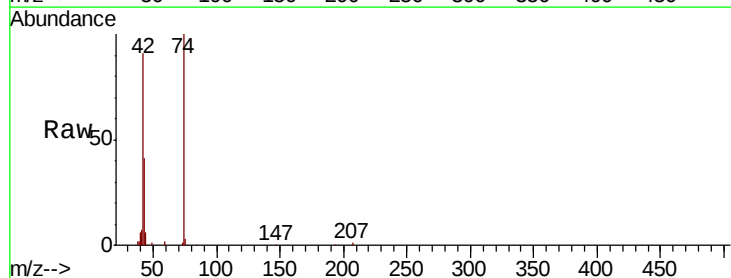
Tgt Ion: 42 Resp: 226486

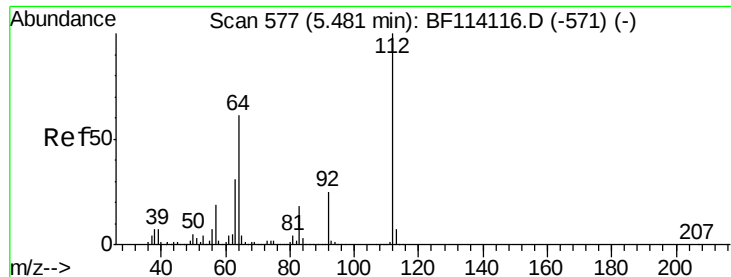
Ion Ratio Lower Upper

42 100

74 109.4 88.6 132.8

44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 83.665 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

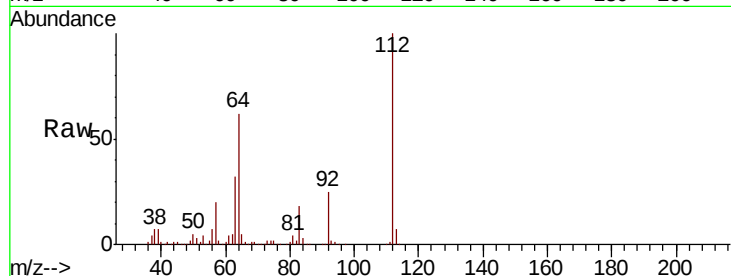
Tot Ion:112 Resp: 733664

Ion Ratio Lower Upper

112 100

64 61.8 49.0 73.6

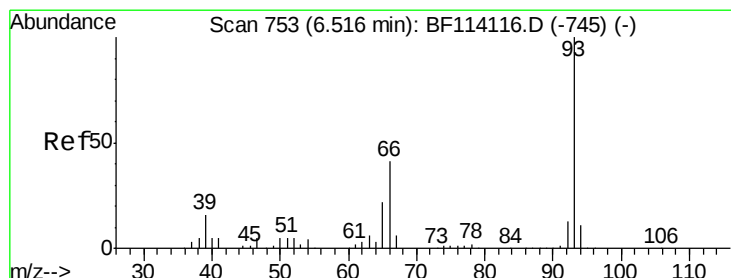
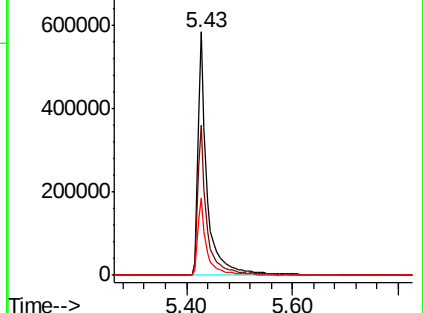
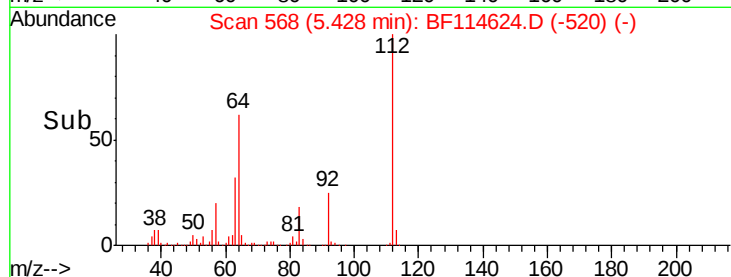
63 31.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.216 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

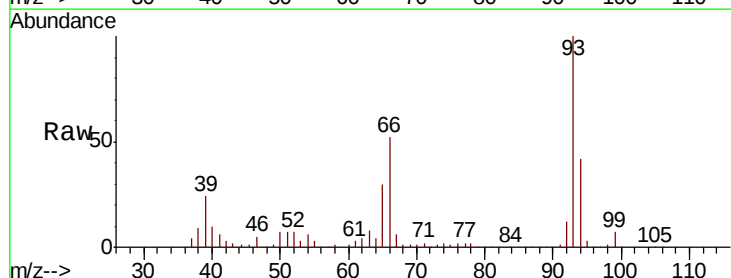
Tgt Ion: 93 Resp: 617495

Ion Ratio Lower Upper

93 100

66 51.9 33.2 49.8#

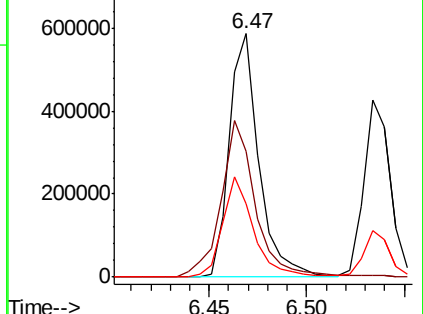
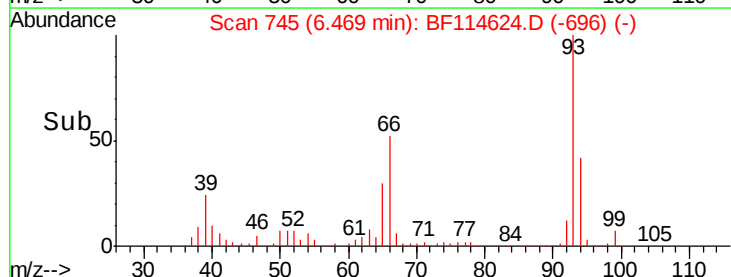
65 30.3 17.6 26.4#

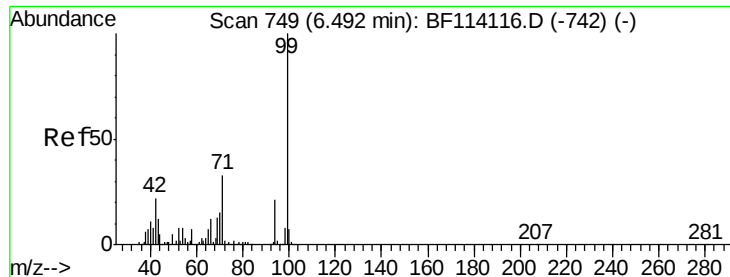


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.133 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampled :

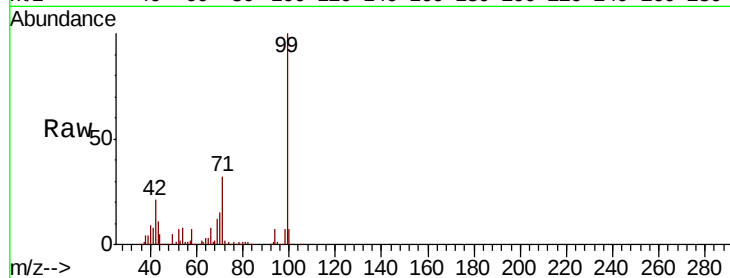
Tot Ion: 99 Resp: 882948

Ion Ratio Lower Upper

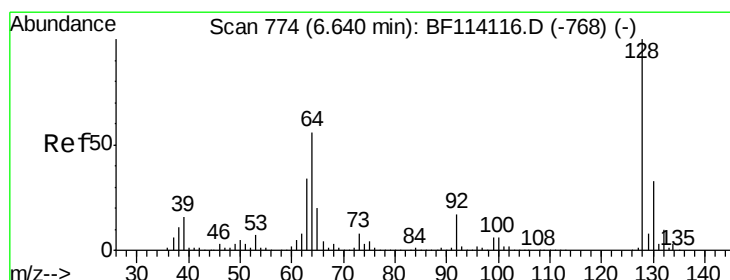
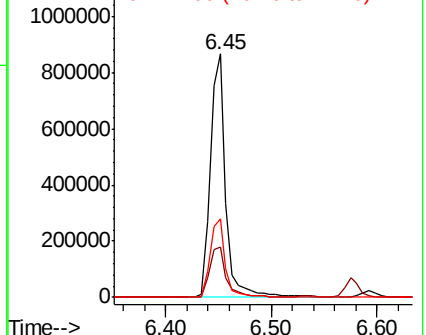
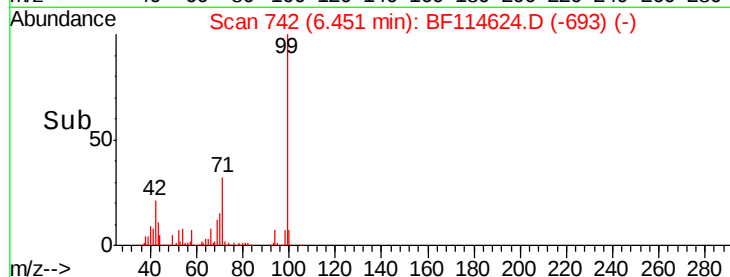
99 100

42 20.8 17.9 26.9

71 32.4 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.999 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

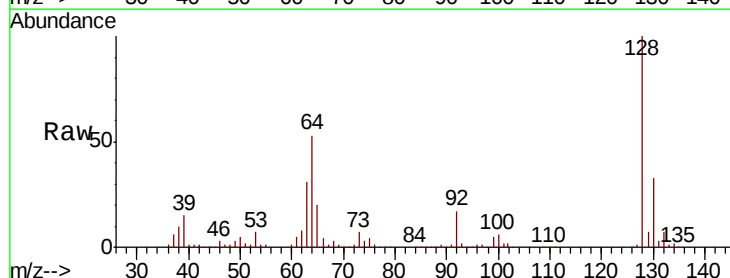
Tgt Ion: 128 Resp: 402532

Ion Ratio Lower Upper

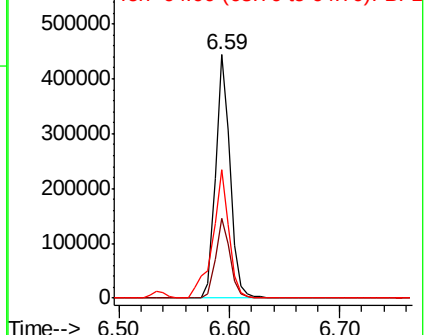
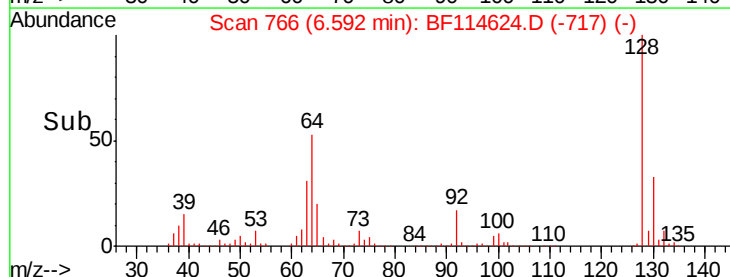
128 100

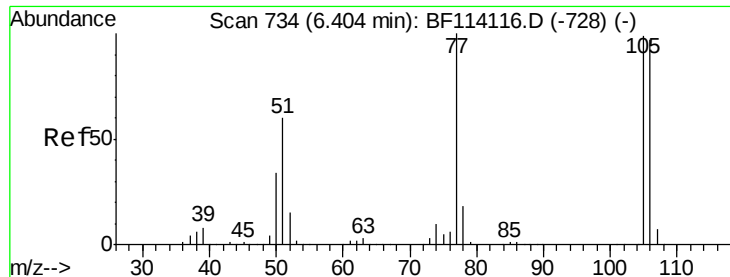
130 32.5 12.6 52.6

64 52.6 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.388 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

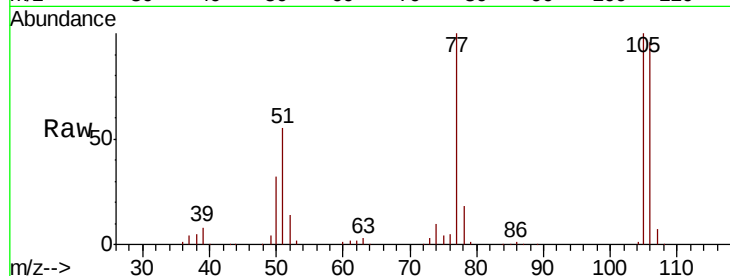
Tot Ion: 77 Resp: 256942

Ion Ratio Lower Upper

77 100

105 100.2 79.3 119.3

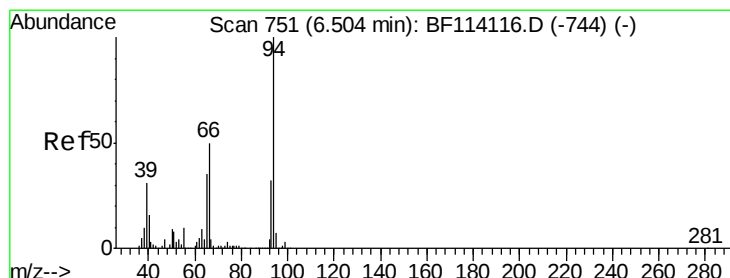
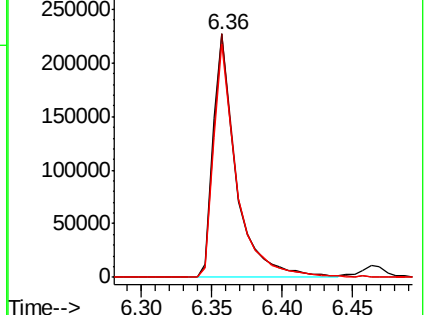
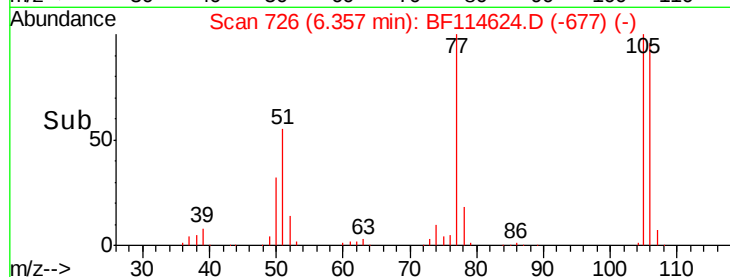
106 96.0 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.037 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

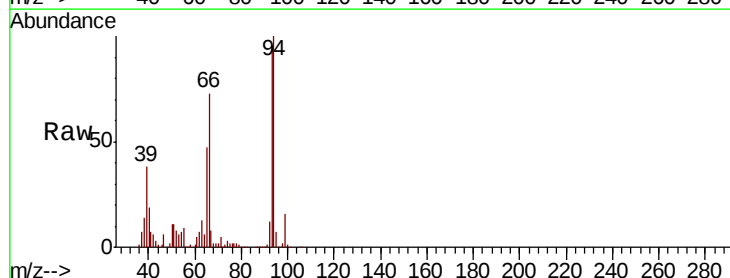
Tgt Ion: 94 Resp: 512875

Ion Ratio Lower Upper

94 100

65 47.3 14.7 54.7

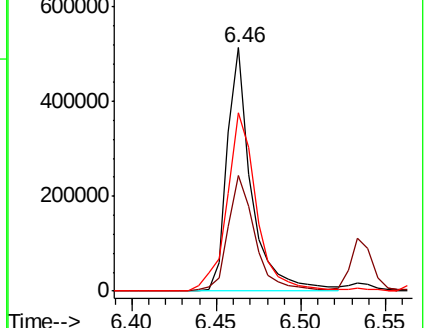
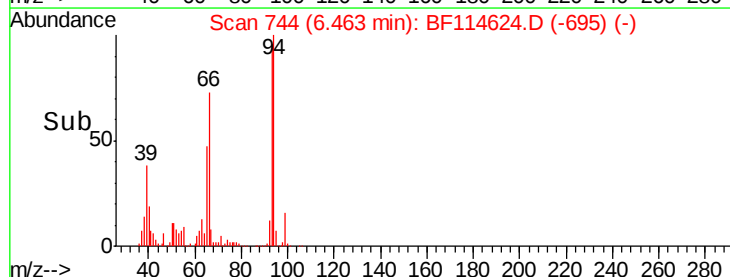
66 73.3 29.6 69.6#

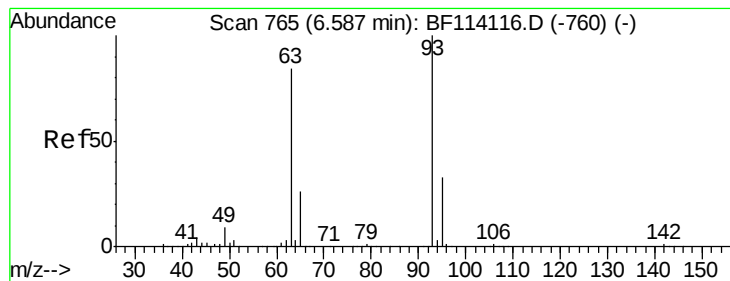


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.299 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampled :

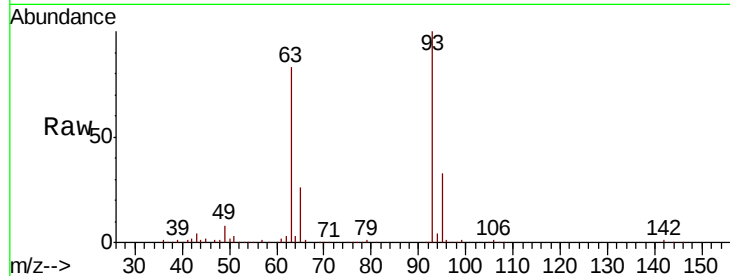
Tot Ion: 93 Resp: 391795

Ion Ratio Lower Upper

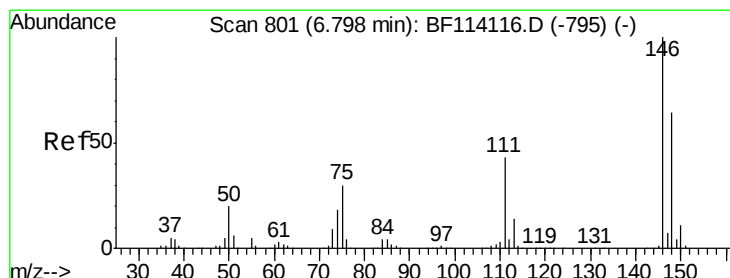
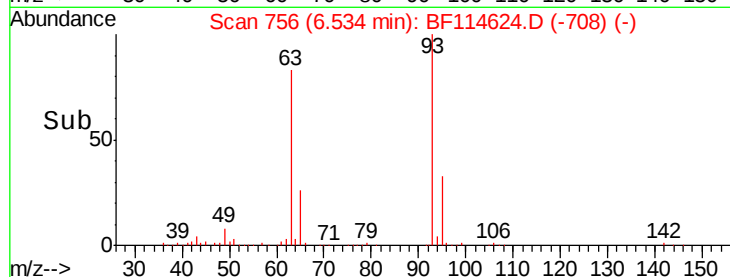
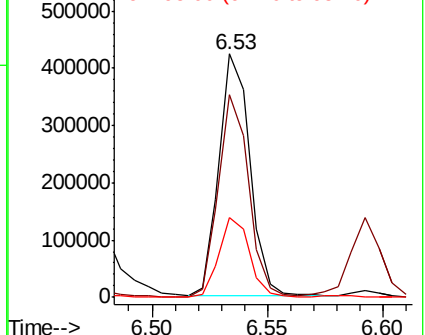
93 100

63 83.0 63.6 103.6

95 32.5 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.985 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

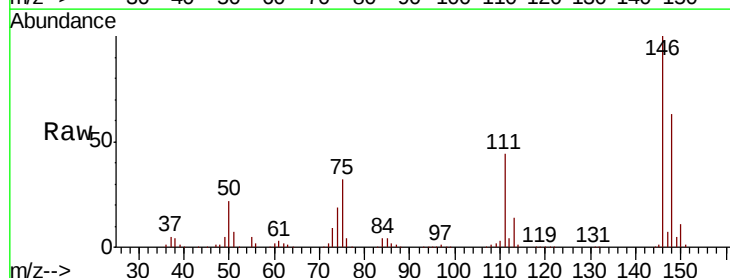
Tgt Ion: 146 Resp: 451696

Ion Ratio Lower Upper

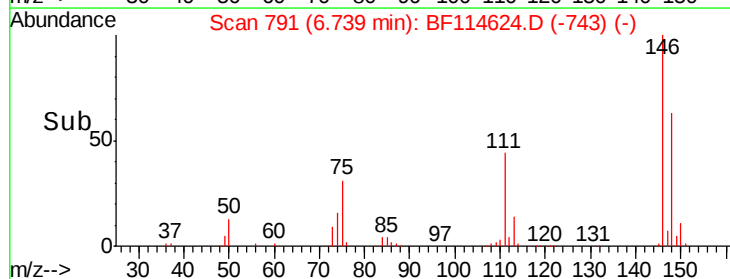
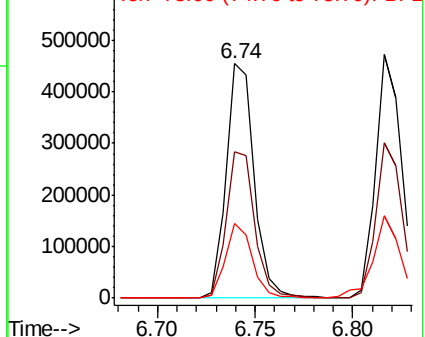
146 100

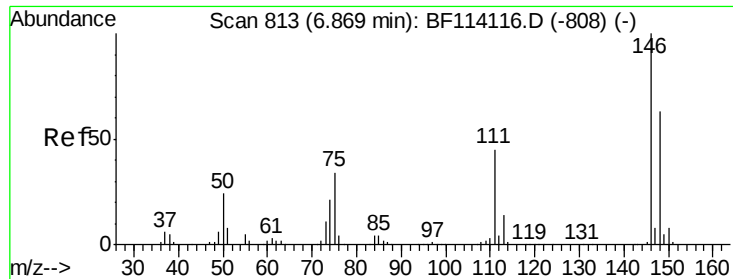
148 62.5 51.6 77.4

75 32.0 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

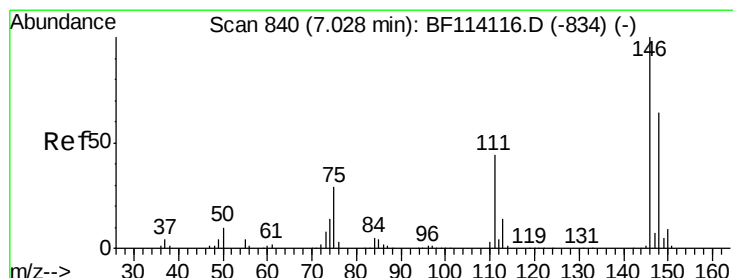
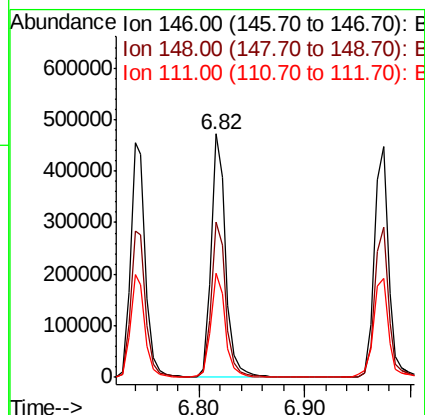
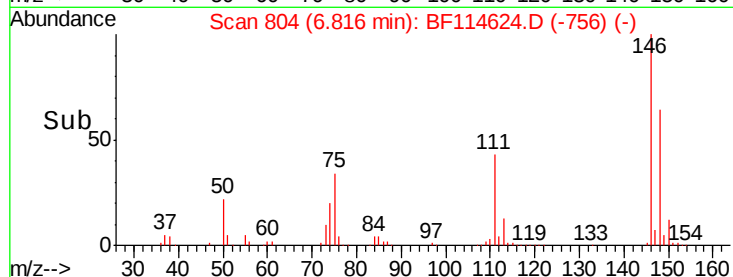
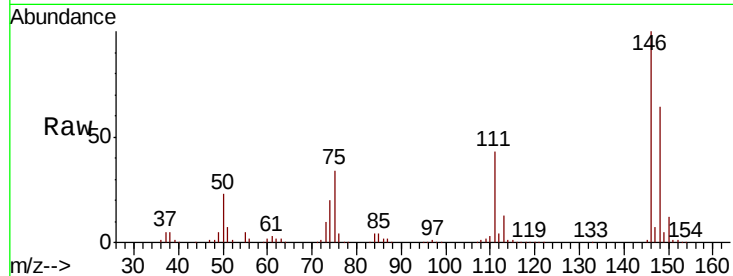




#13
 1,4-Dichlorobenzene
 Concen: 42.949 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

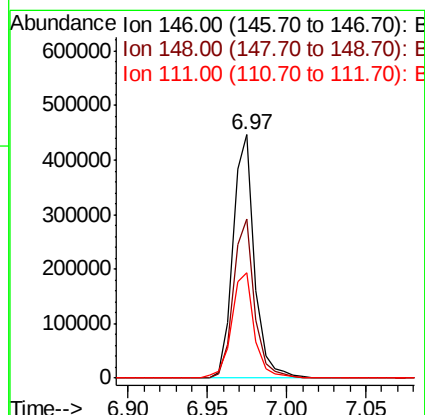
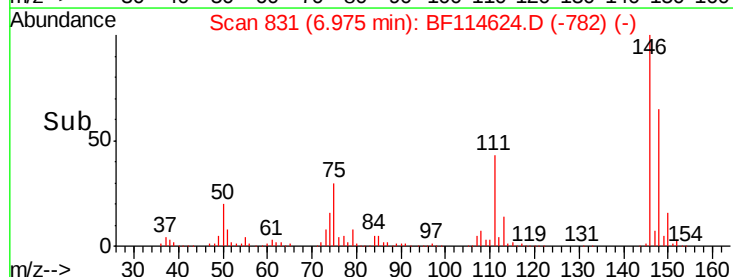
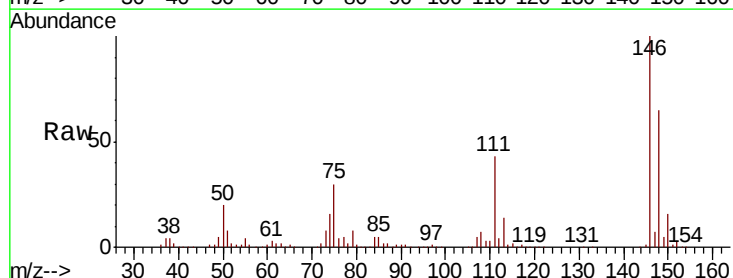
Instrument :
 BNA_F
 ClientSampled :

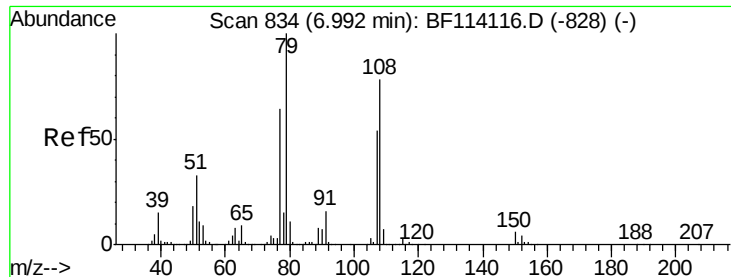
Tot Ion:146 Resp: 454790
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.2 75.2
 111 42.5 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 43.136 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion:146 Resp: 417303
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.1 76.7
 111 43.2 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.538 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

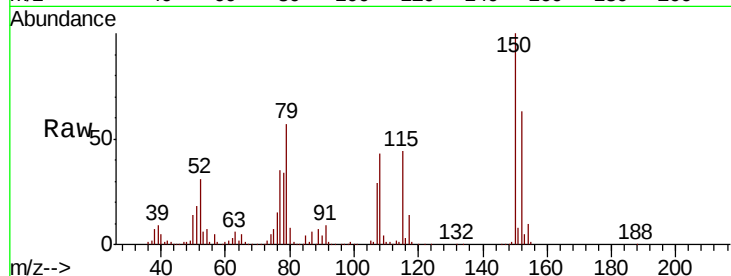
Tot Ion: 79 Resp: 319822

Ion Ratio Lower Upper

79 100

108 75.4 62.1 93.1

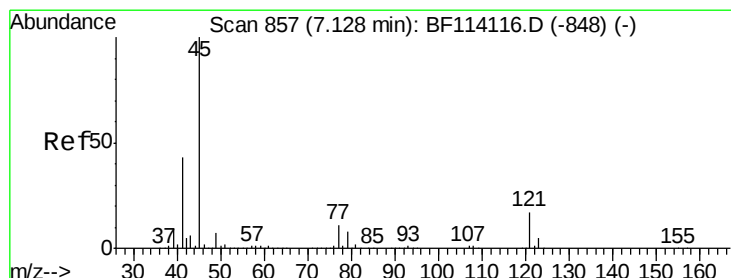
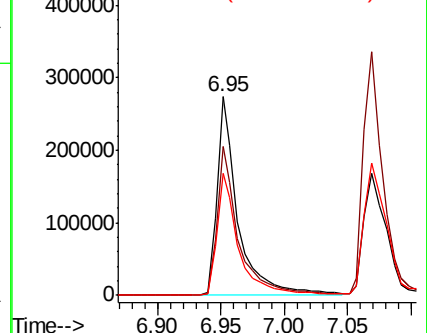
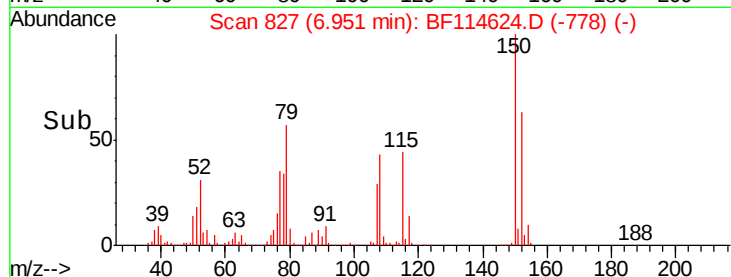
77 61.6 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.411 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

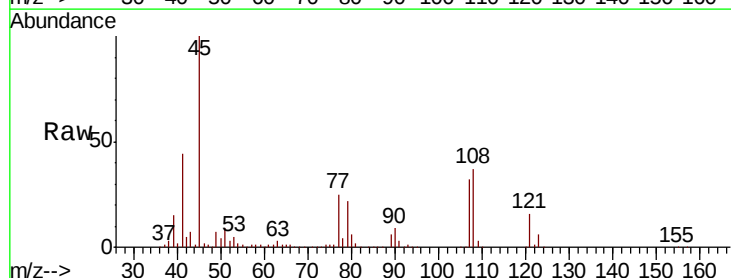
Tgt Ion: 45 Resp: 707804

Ion Ratio Lower Upper

45 100

77 25.0 0.0 31.1

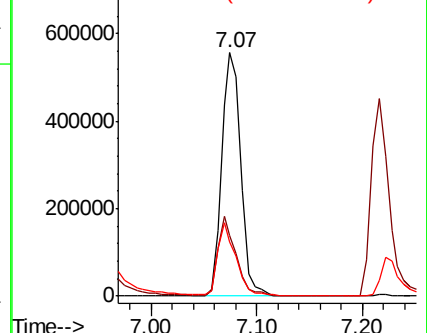
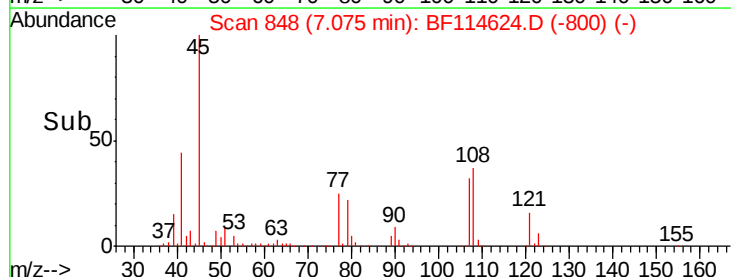
79 22.3 0.0 28.4

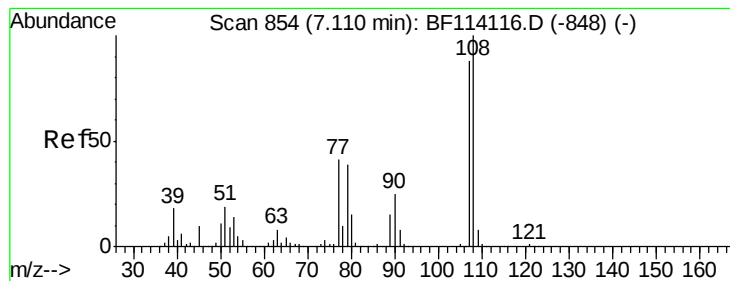


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.709 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 313056

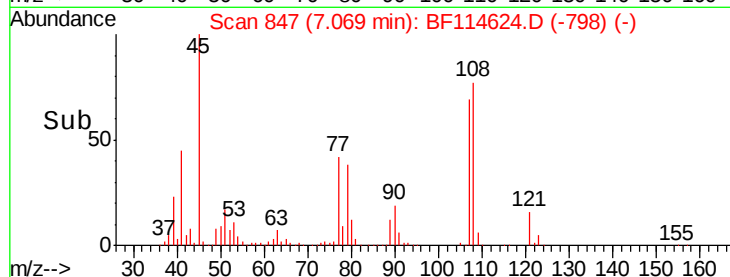
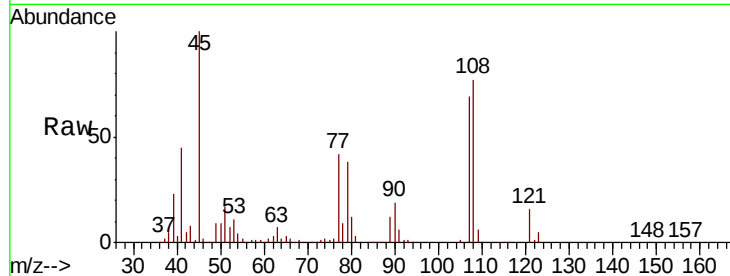
Ion Ratio Lower Upper

107 100

108 111.3 90.5 135.7

77 60.6 37.0 55.4#

79 55.6 35.8 53.8#



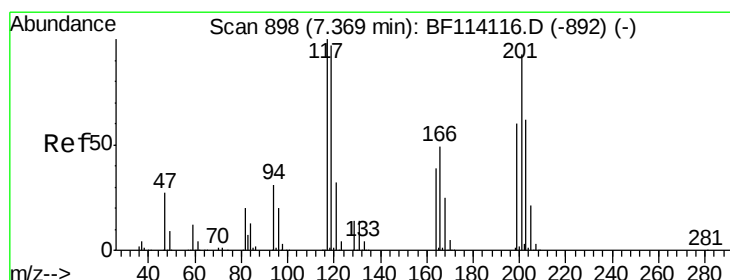
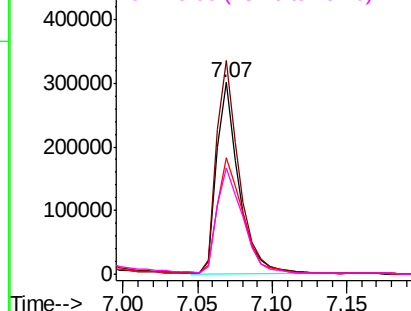
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.680 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

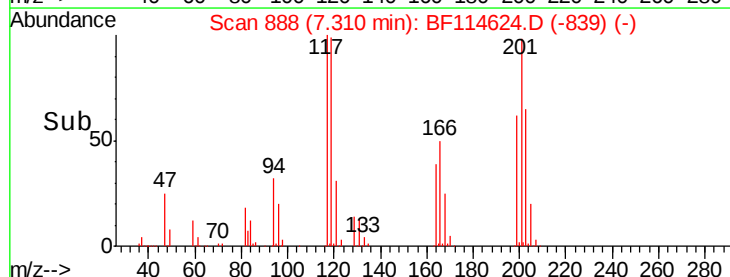
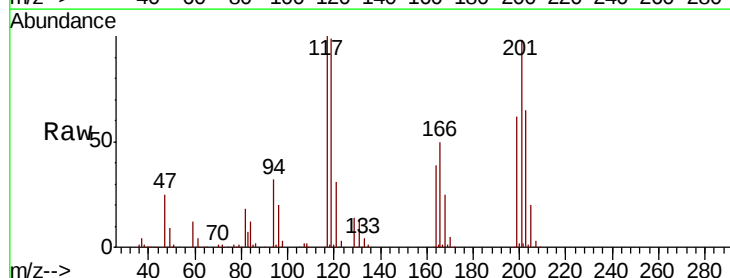
Tgt Ion:117 Resp: 165667

Ion Ratio Lower Upper

117 100

119 98.5 77.4 116.2

201 97.6 74.5 111.7

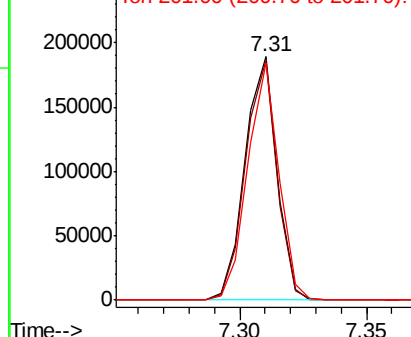


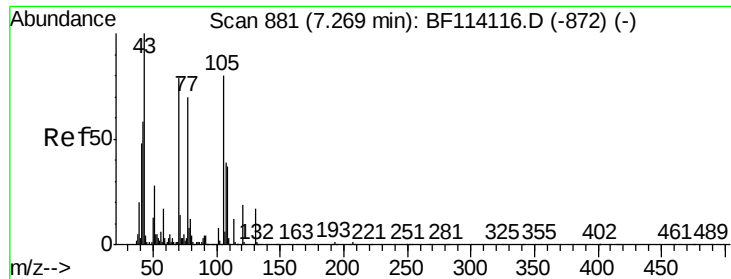
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

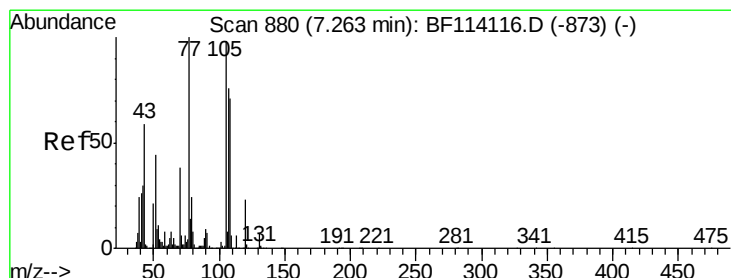
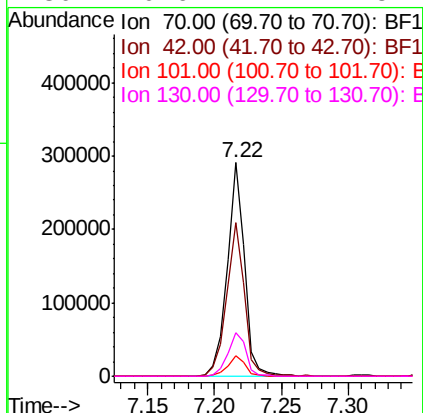
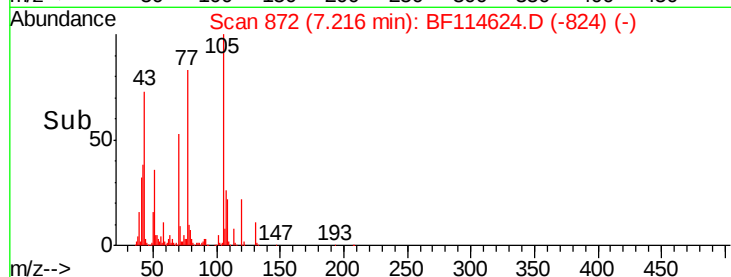
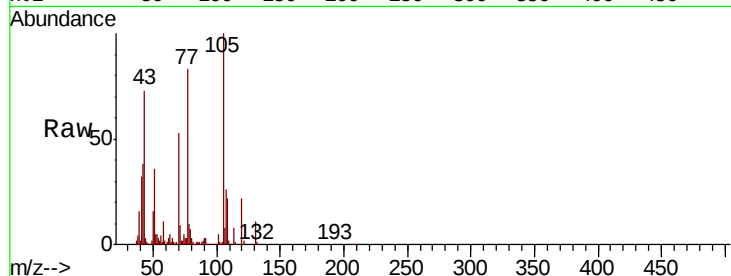




#19
n-Nitroso-di-n-propylamine
Concen: 40.631 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

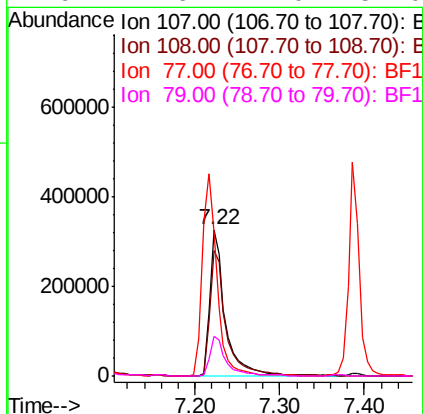
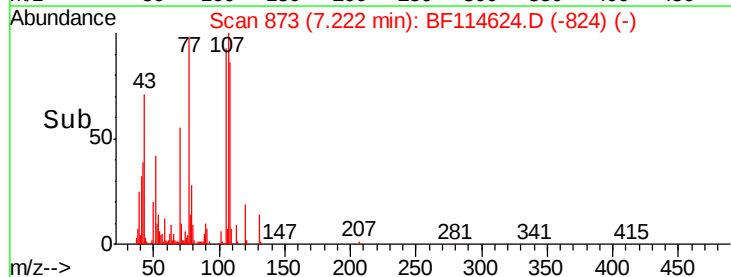
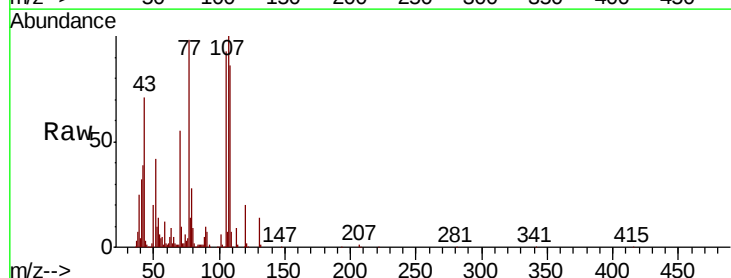
Instrument :
BNA_F
ClientSampleId :

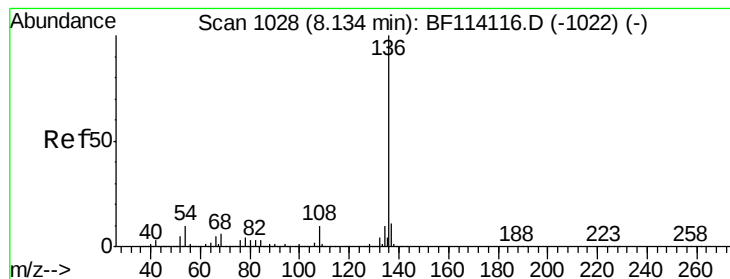
Tot Ion: 70 Resp: 267104
Ion Ratio Lower Upper
70 100
42 71.9 58.6 87.8
101 9.8 7.8 11.8
130 20.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 46.328 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:107 Resp: 411621
Ion Ratio Lower Upper
107 100
108 86.0 73.8 113.8
77 98.3 111.5 151.5#
79 27.6 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 553711

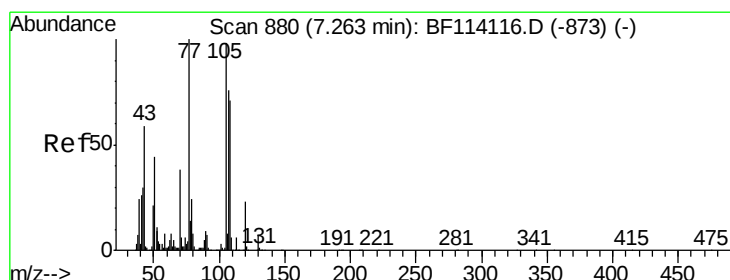
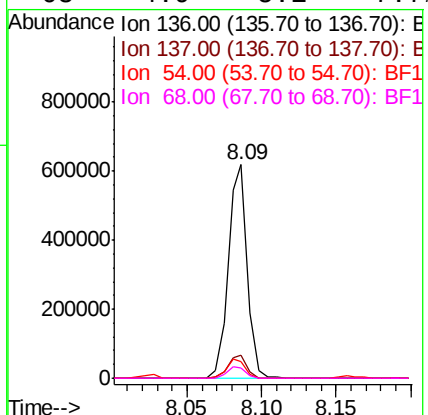
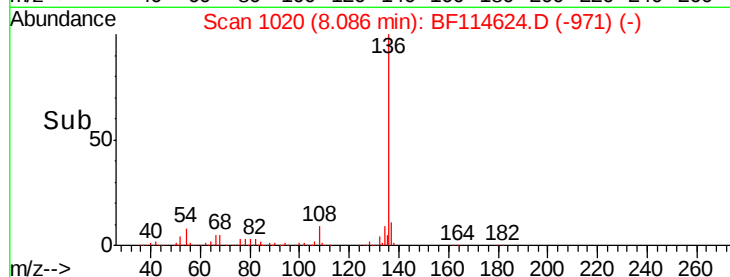
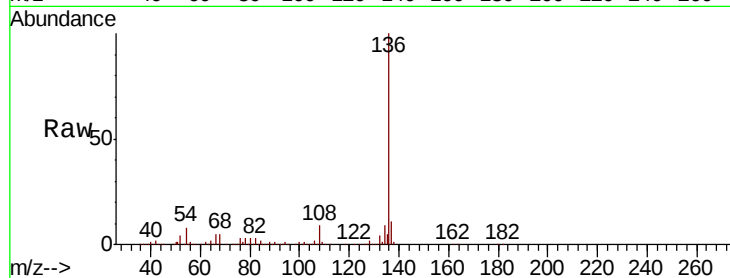
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 7.8 11.8#

68 4.9 5.1 7.7#



#22

Acetophenone

Concen: 44.031 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:105 Resp: 540108

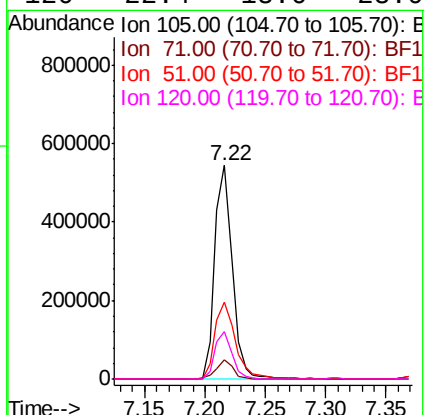
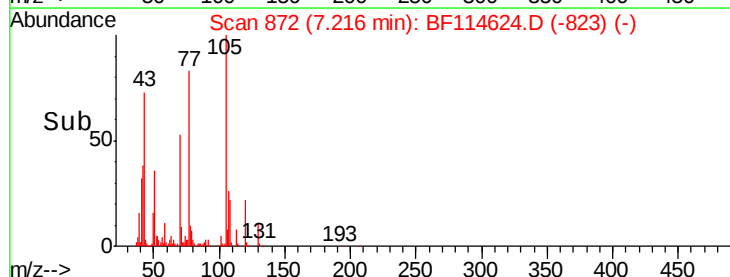
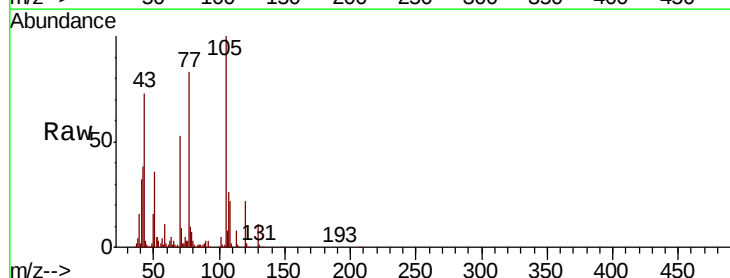
Ion Ratio Lower Upper

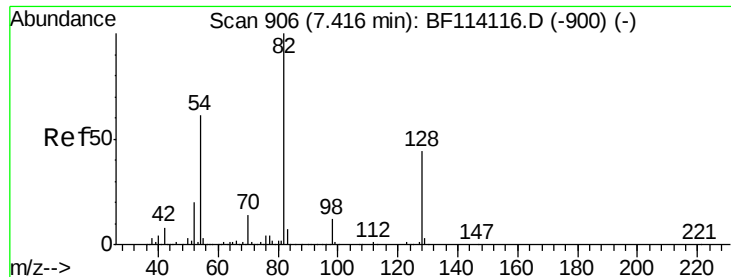
105 100

71 8.8 5.3 7.9#

51 35.9 36.2 54.4#

120 22.4 18.6 28.0

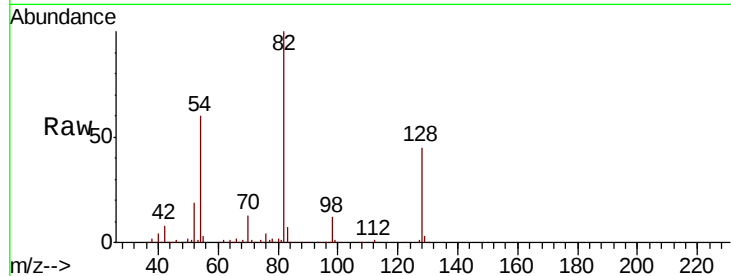




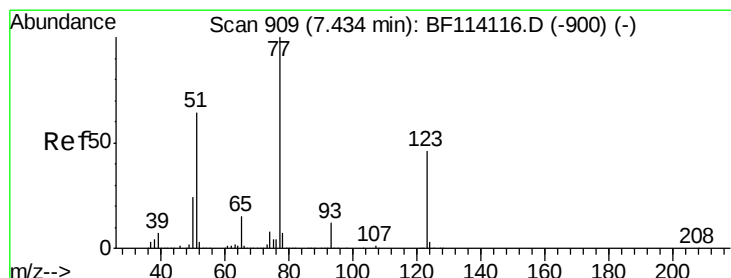
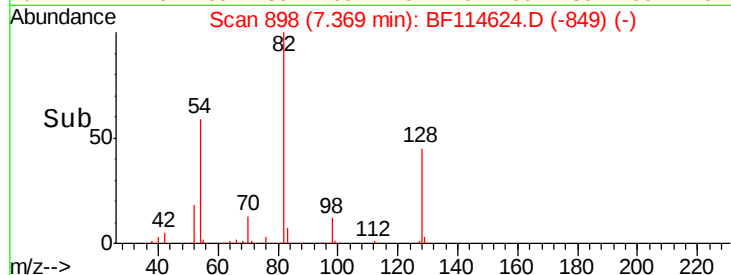
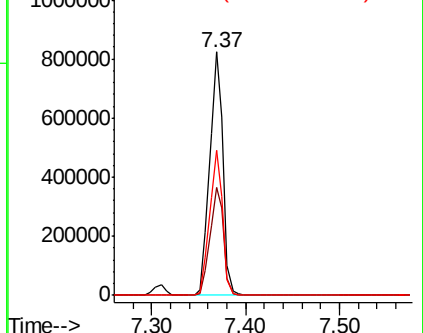
#23
 Nitrobenzene-d5
 Concen: 83.747 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 826291
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.5 53.3
 54 59.5 48.5 72.7

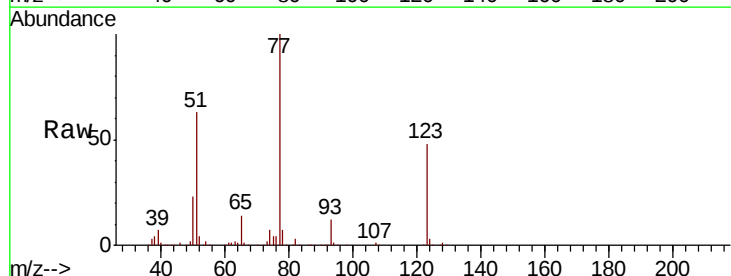


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

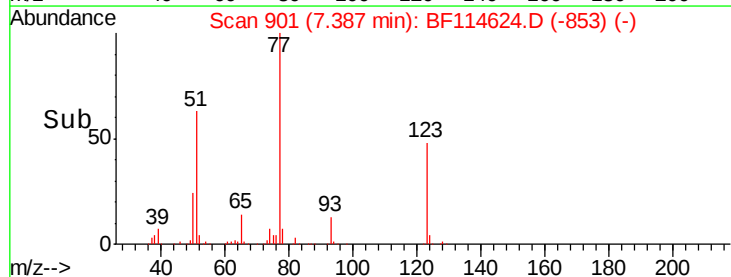
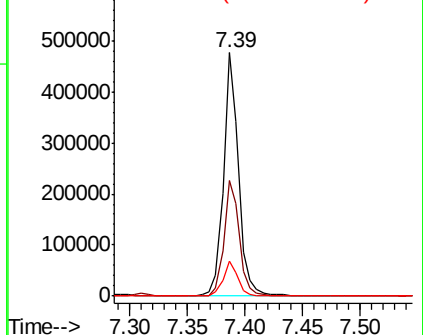


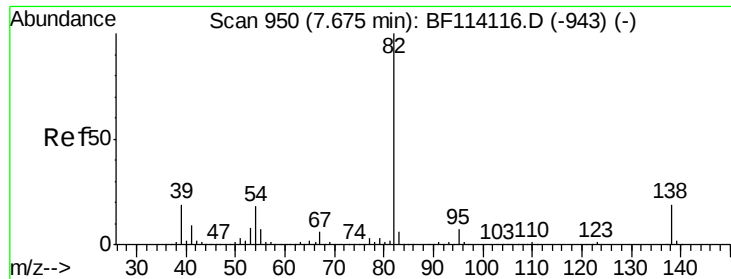
#24
 Nitrobenzene
 Concen: 42.488 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion: 77 Resp: 426966
 Ion Ratio Lower Upper
 77 100
 123 47.5 36.9 55.3
 65 14.2 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

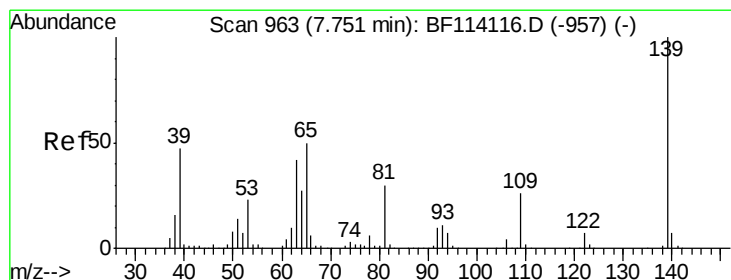
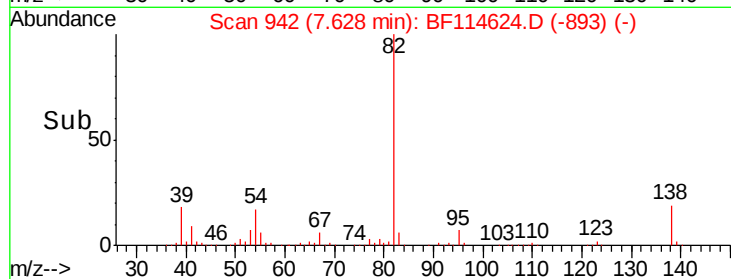
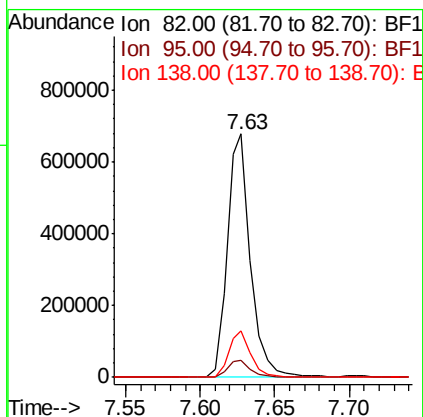
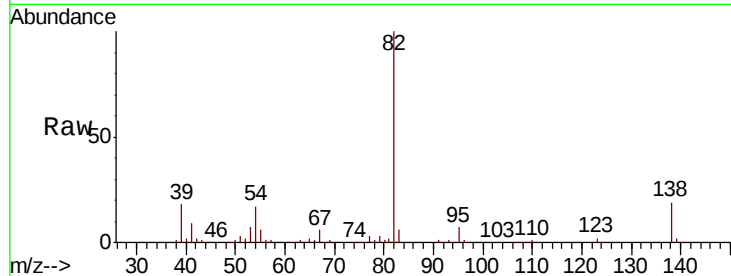




#25
Isophorone
Concen: 40.577 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

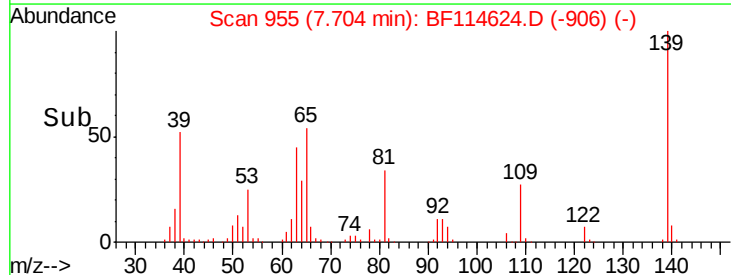
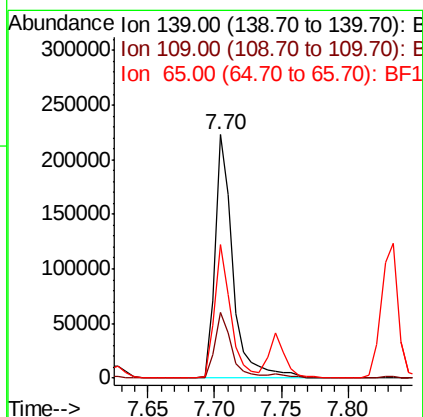
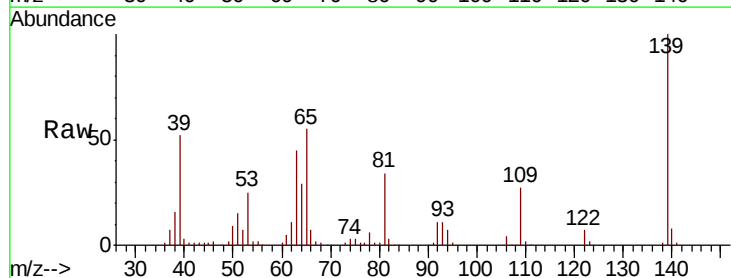
Instrument :
BNA_F
ClientSampleId :

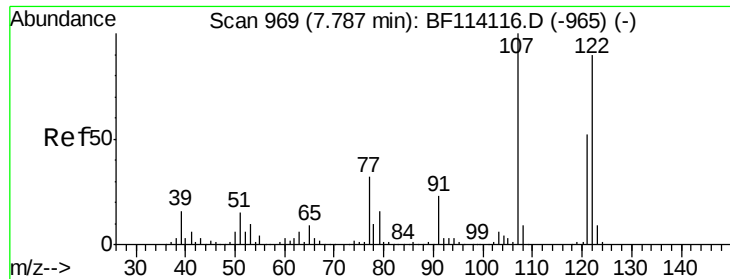
Tot Ion: 82 Resp: 742495
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.1 14.8 22.2



#26
2-Nitrophenol
Concen: 43.310 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion: 139 Resp: 211157
Ion Ratio Lower Upper
139 100
109 27.0 20.7 31.1
65 54.6 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 40.536 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

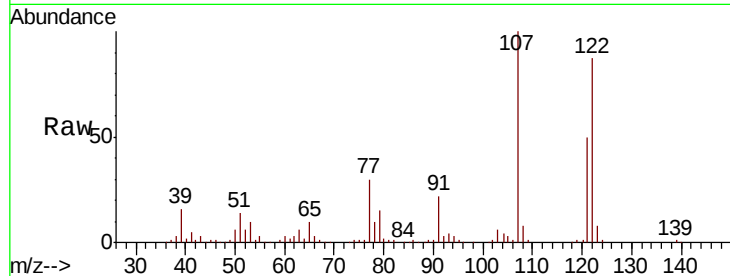
Tot Ion:122 Resp: 310399

Ion Ratio Lower Upper

122 100

107 115.6 88.4 132.6

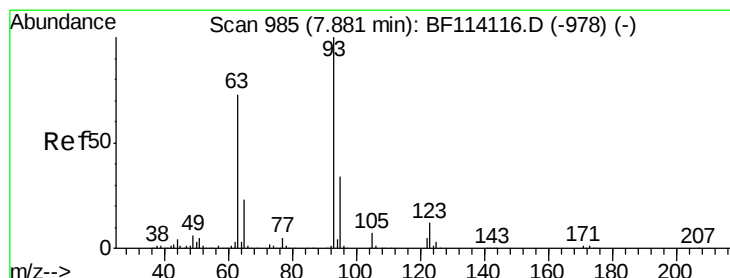
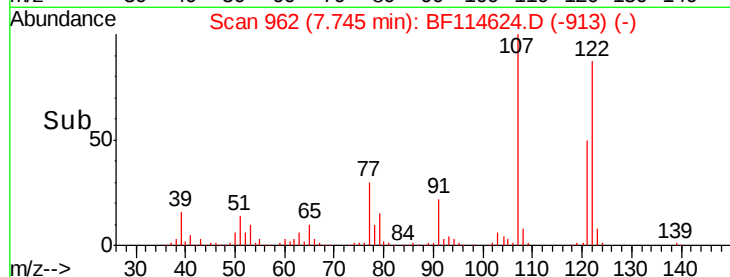
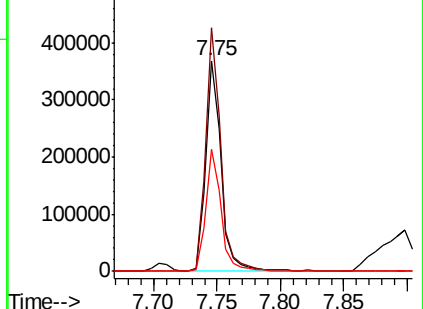
121 57.9 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.313 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

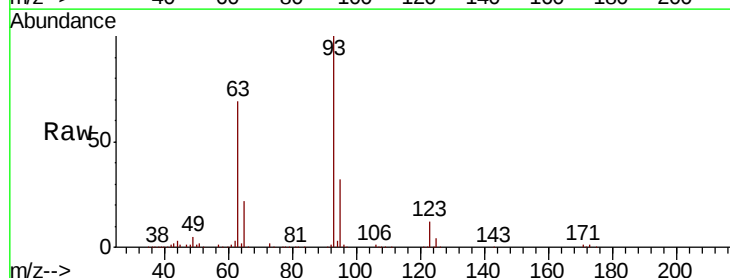
Tgt Ion: 93 Resp: 490505

Ion Ratio Lower Upper

93 100

95 32.5 26.8 40.2

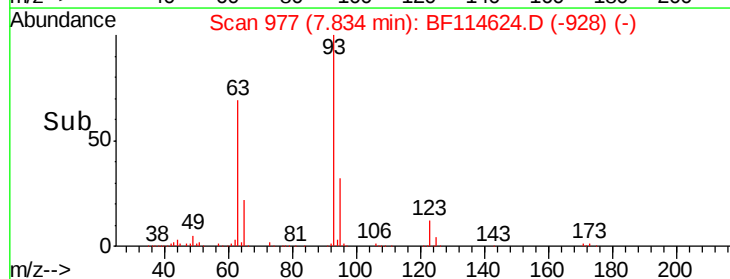
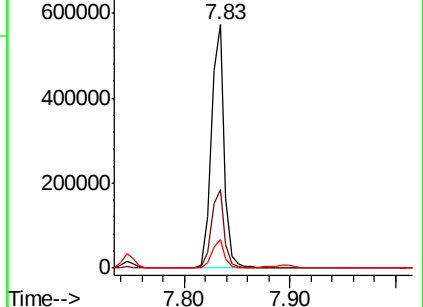
123 11.7 9.5 14.3

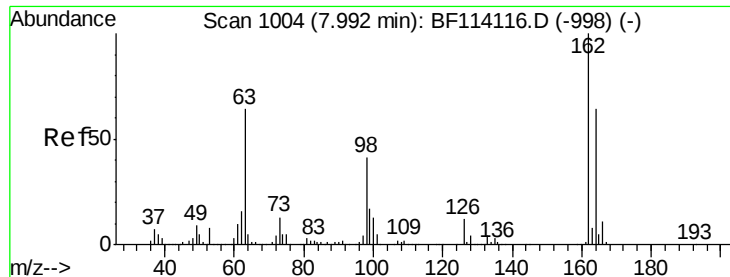


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

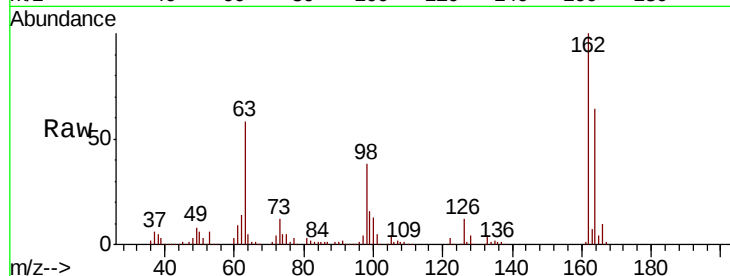




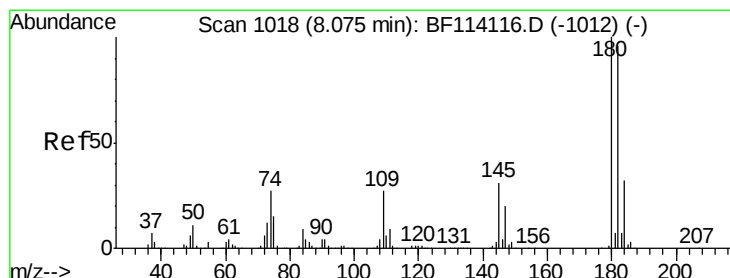
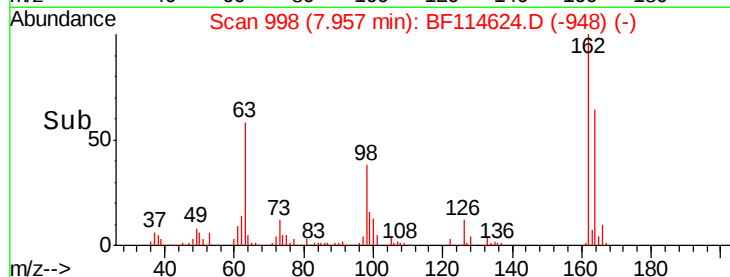
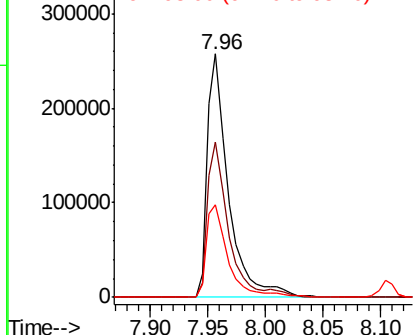
#29
2,4-Dichlorophenol
Concen: 42.987 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 327773
Ion Ratio Lower Upper
162 100
164 63.8 43.6 83.6
98 38.1 20.6 60.6

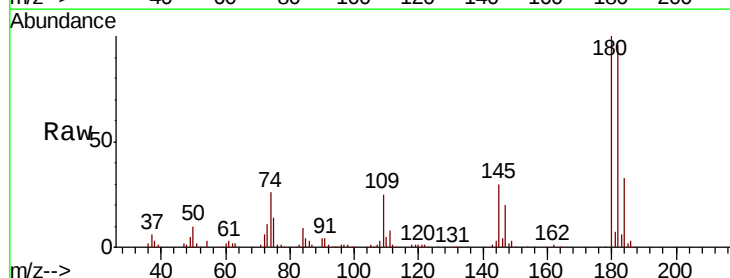


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

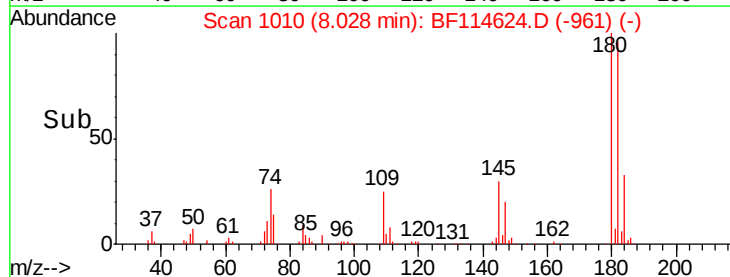
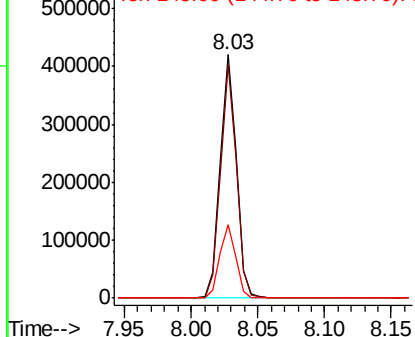


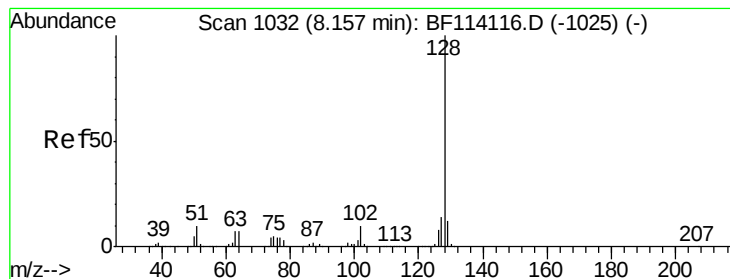
#30
1,2,4-Trichlorobenzene
Concen: 41.902 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:180 Resp: 363310
Ion Ratio Lower Upper
180 100
182 95.8 76.6 114.8
145 30.3 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.025 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

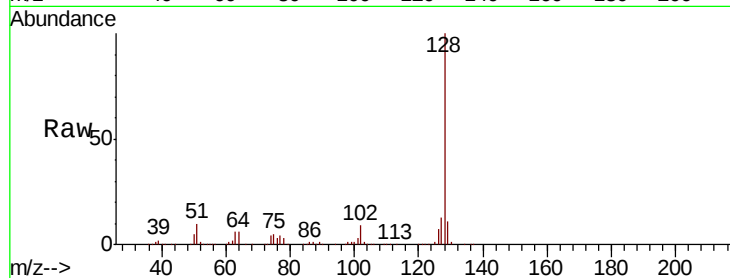
Tot Ion:128 Resp: 1138703

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

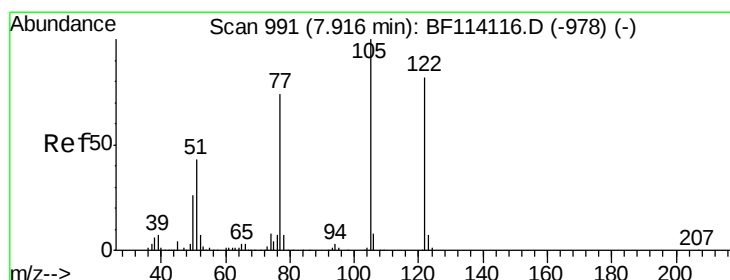
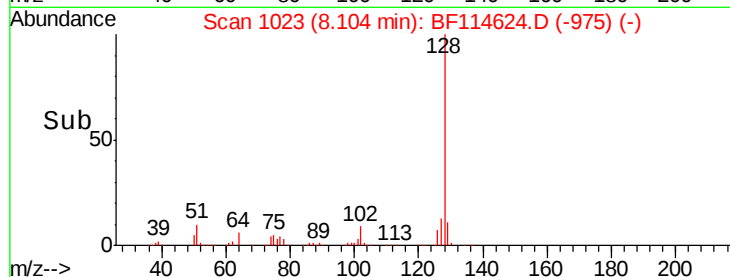
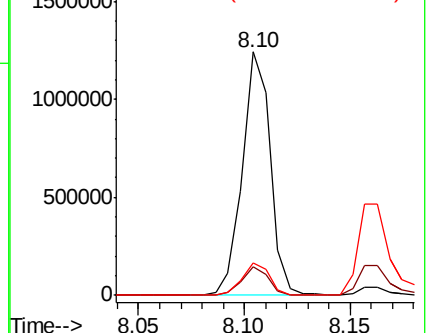
127 13.3 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.749 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

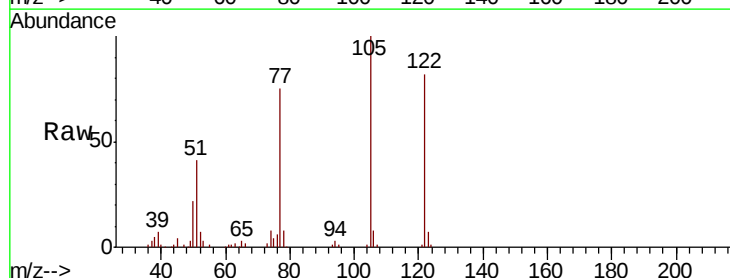
Tgt Ion:122 Resp: 170935

Ion Ratio Lower Upper

122 100

105 121.5 99.9 139.9

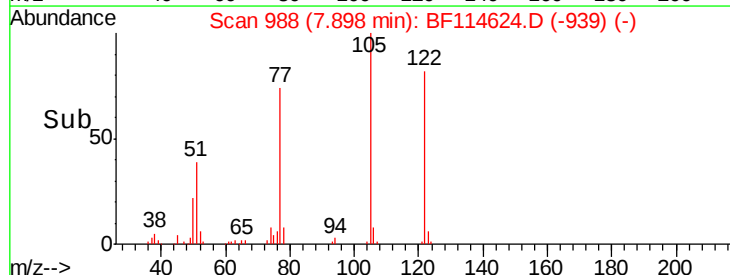
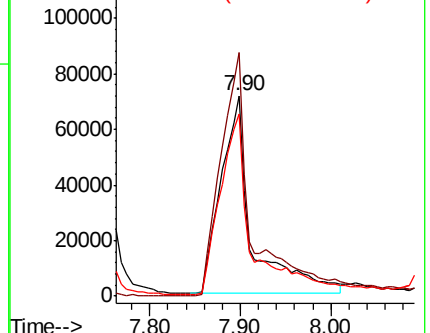
77 90.7 69.4 109.4

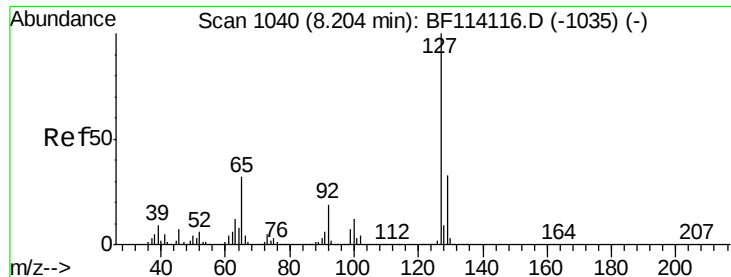


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

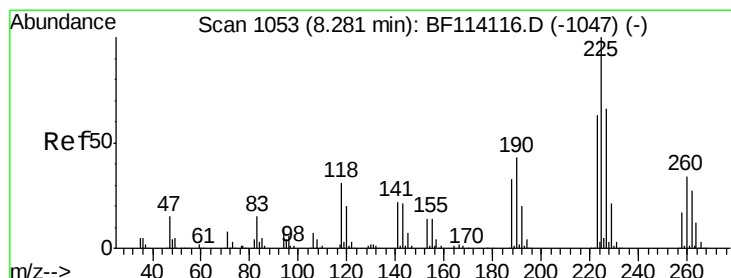
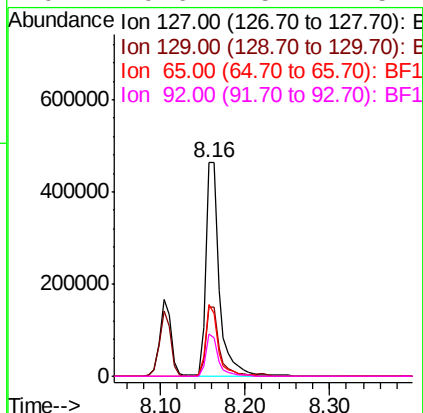
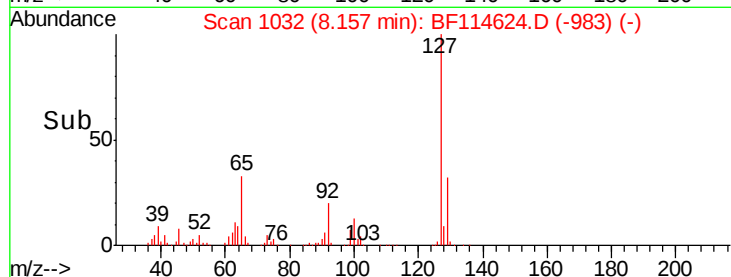
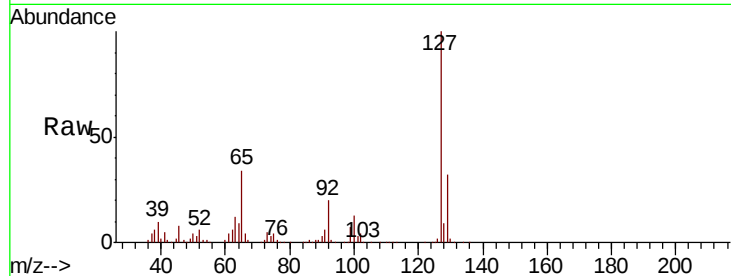




#33
4-Chloroaniline
Concen: 43.554 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

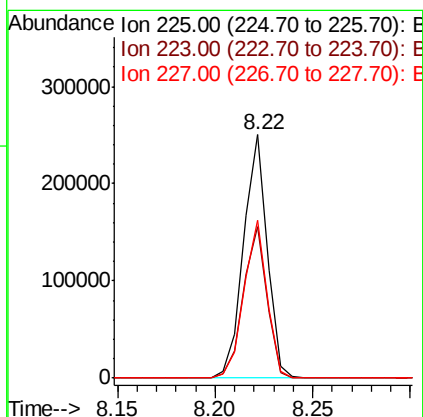
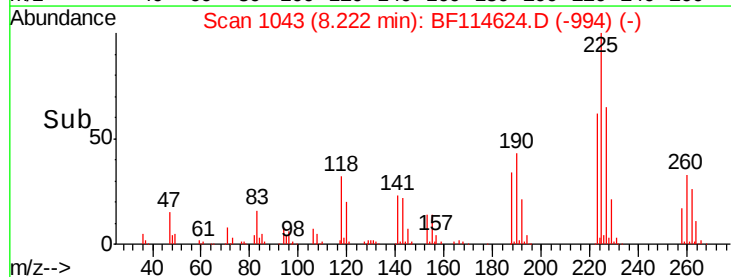
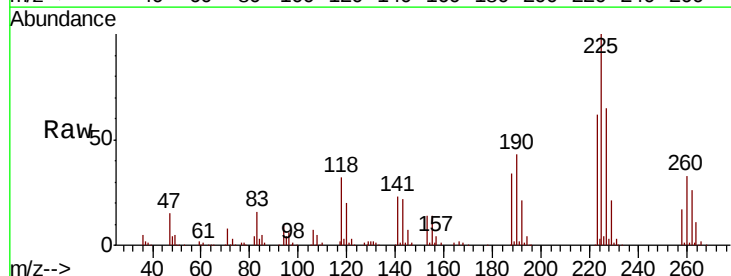
Instrument :
BNA_F
ClientSampleId :

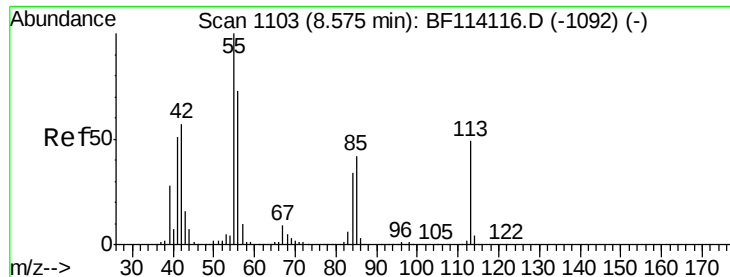
Tot Ion:	127	Resp:	513339
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	33.8	25.4	38.0
92	19.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.635 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:	225	Resp:	210336
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	64.7	52.6	79.0





#35

Caprolactam

Concen: 43.082 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampled :

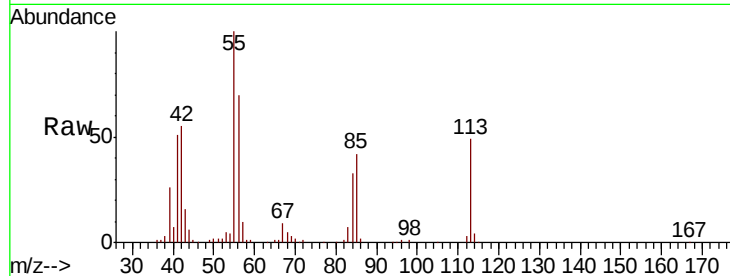
Tot Ion:113 Resp: 107115

Ion Ratio Lower Upper

113 100

55 204.3 183.5 223.5

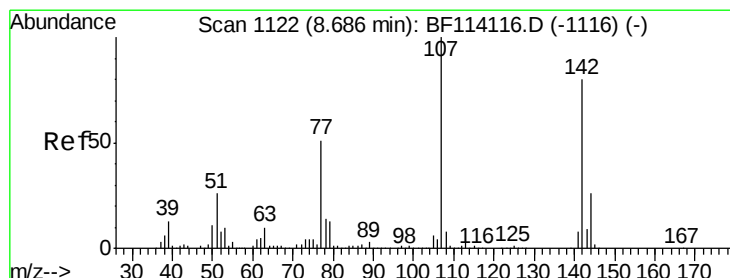
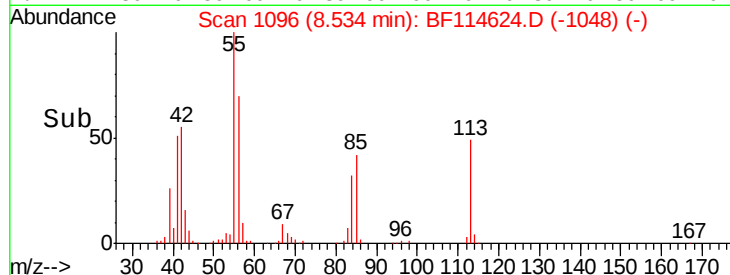
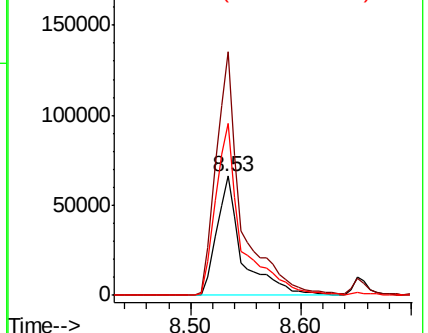
56 143.8 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.060 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

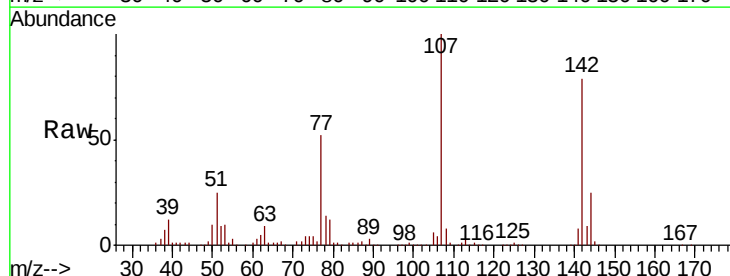
Tgt Ion:107 Resp: 338166

Ion Ratio Lower Upper

107 100

144 25.4 20.4 30.6

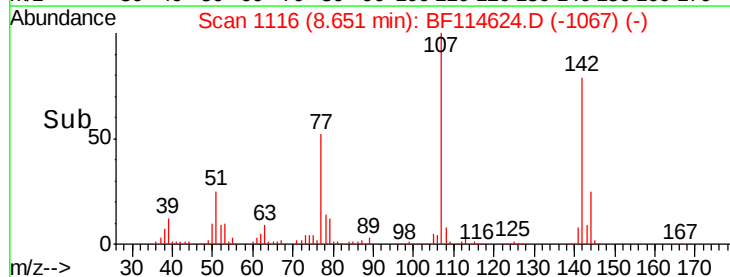
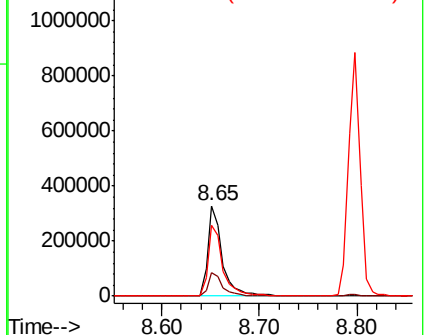
142 78.6 64.2 96.4

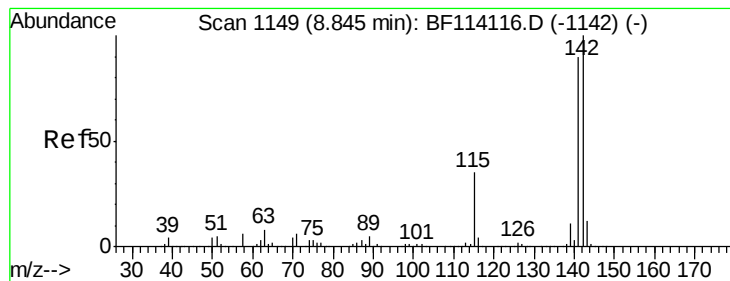


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

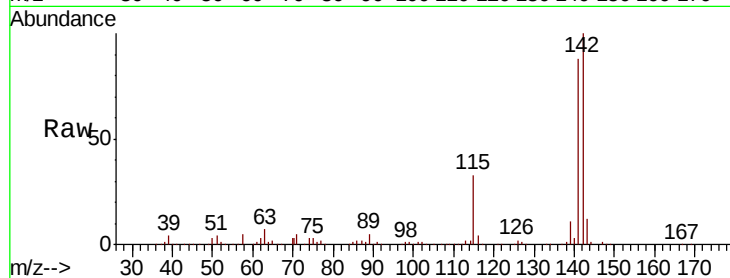




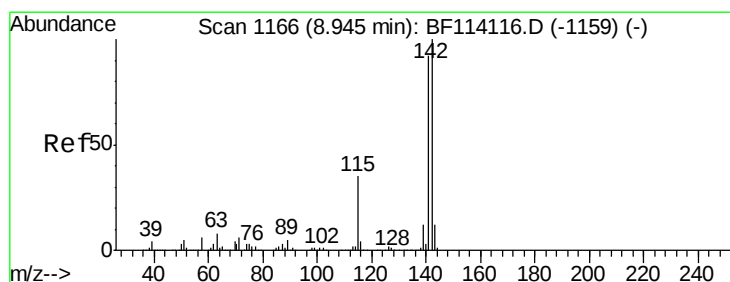
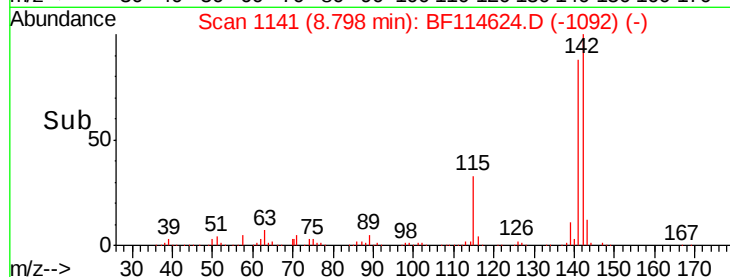
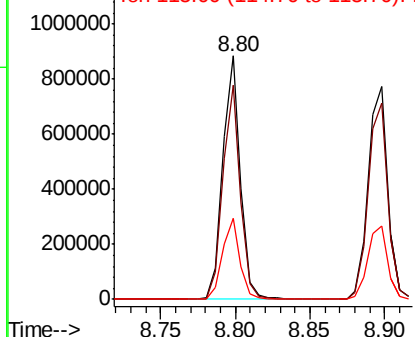
#37
2-Methylnaphthalene
Concen: 44.166 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 737037
Ion Ratio Lower Upper
142 100
141 88.0 72.1 108.1
115 33.2 28.0 42.0

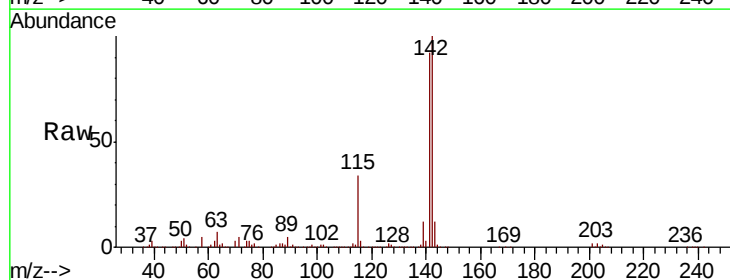


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

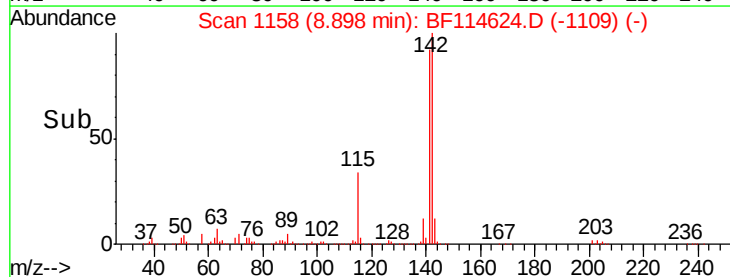
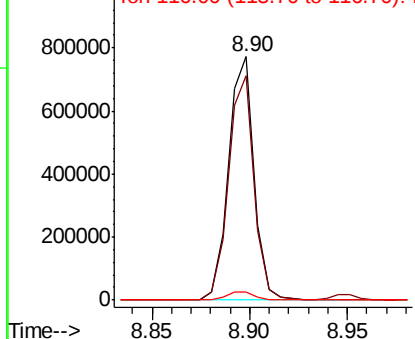


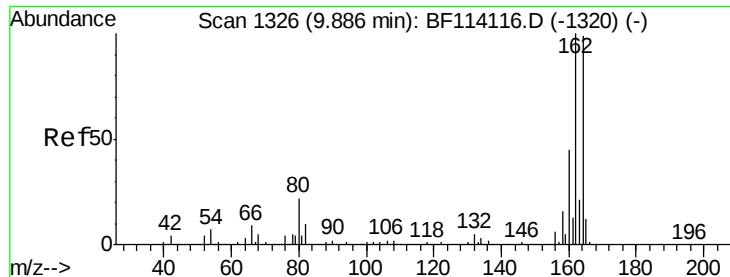
#38
1-Methylnaphthalene
Concen: 44.021 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:142 Resp: 691793
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0
116 3.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

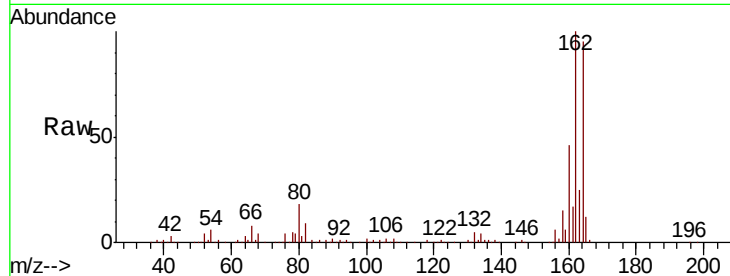




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.6	120.8
160	47.9	36.5	54.7

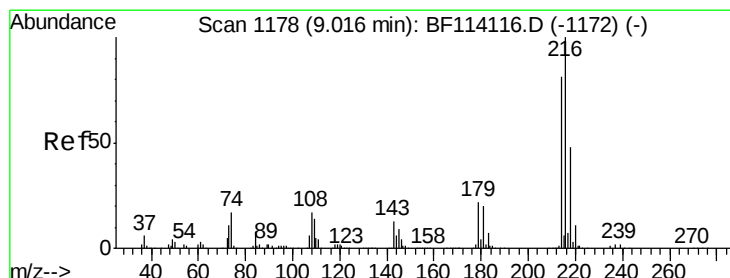
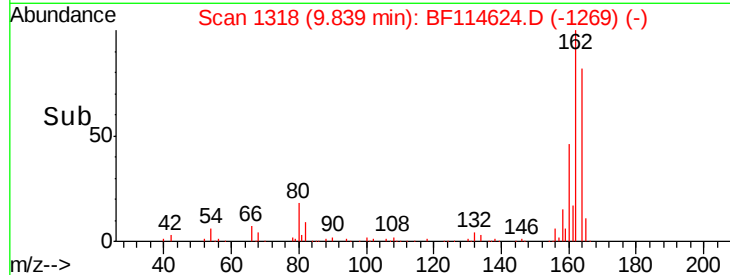
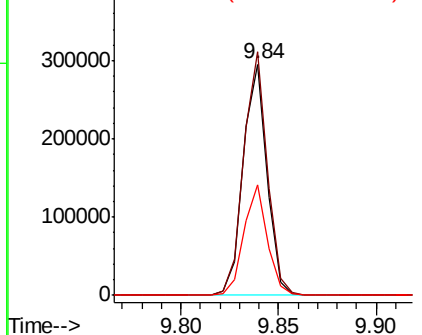


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.471 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.9	95.9
179	21.0	17.0	25.6
108	18.4	14.8	22.2

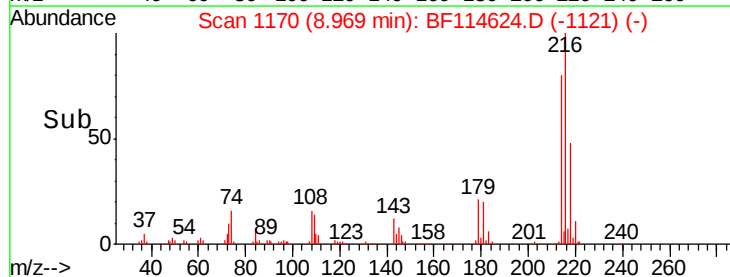
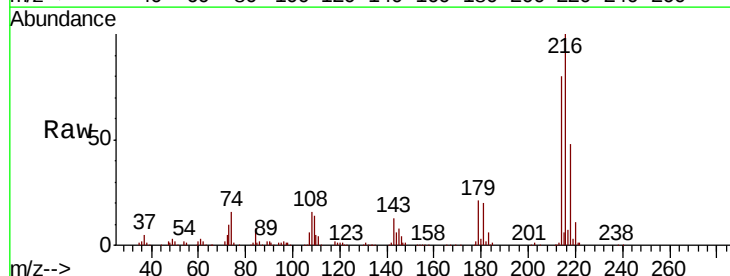
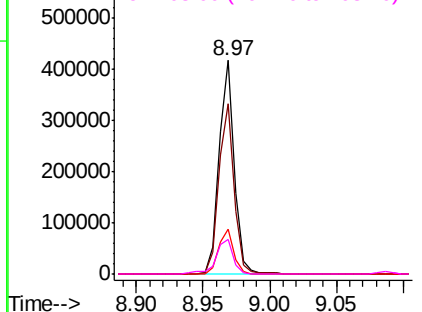
Abundance

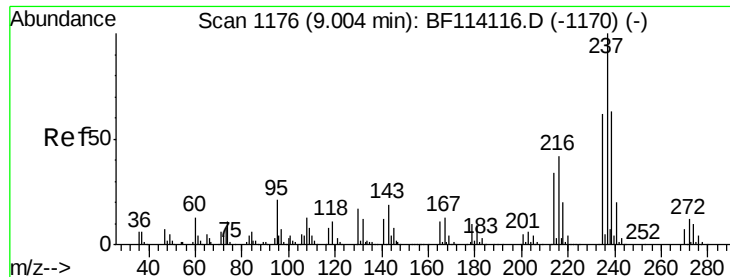
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

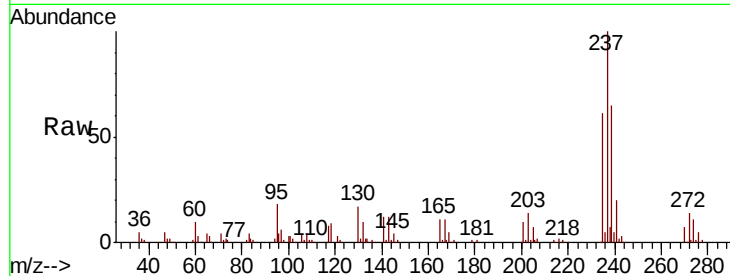




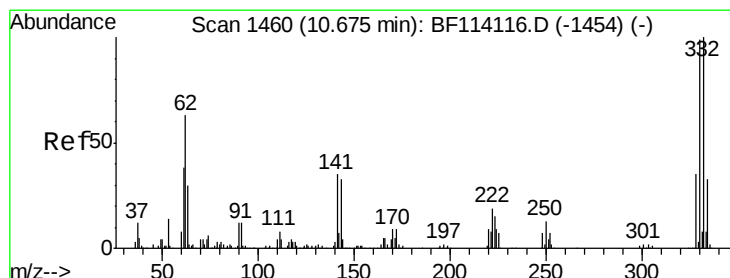
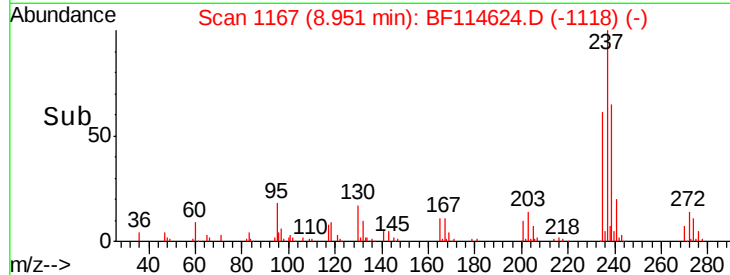
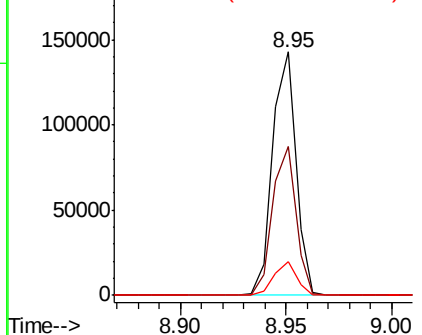
#41
Hexachlorocyclopentadiene
Concen: 34.084 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.0	82.0
272	13.8	0.0	32.4

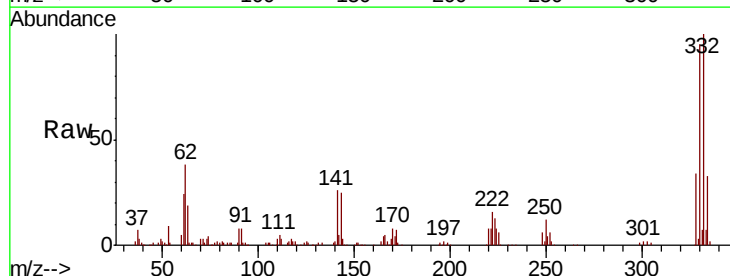


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

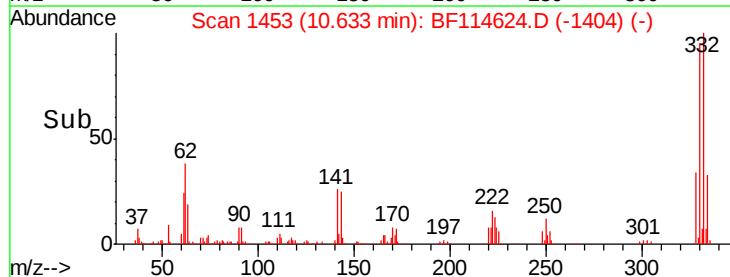
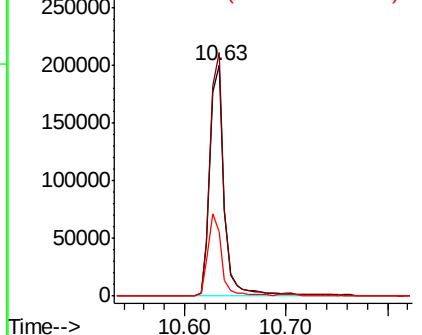


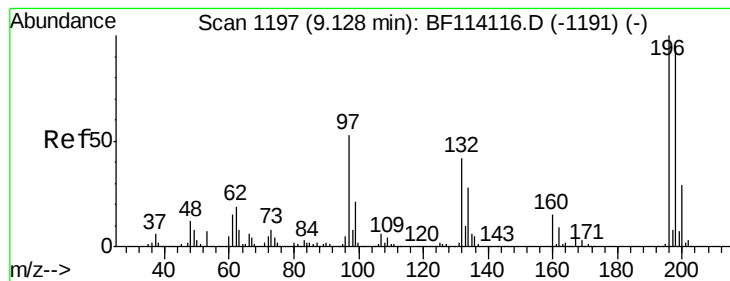
#42
2,4,6-Tribromophenol
Concen: 77.404 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.7	81.4	122.2
141	33.7	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 40.464 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

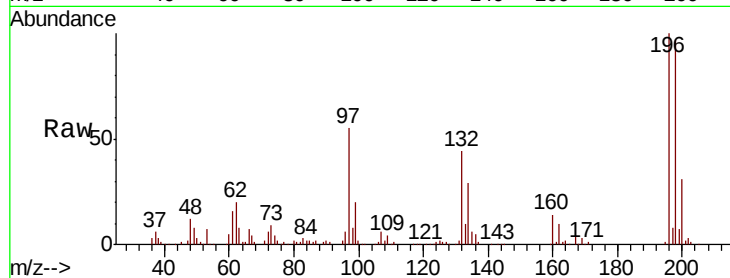
Tot Ion:196 Resp: 210243

Ion Ratio Lower Upper

196 100

198 97.0 75.9 113.9

200 30.7 23.5 35.3

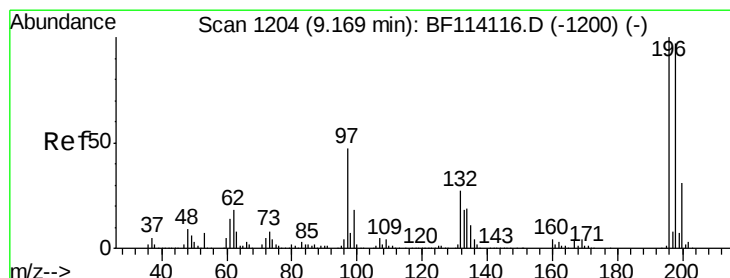
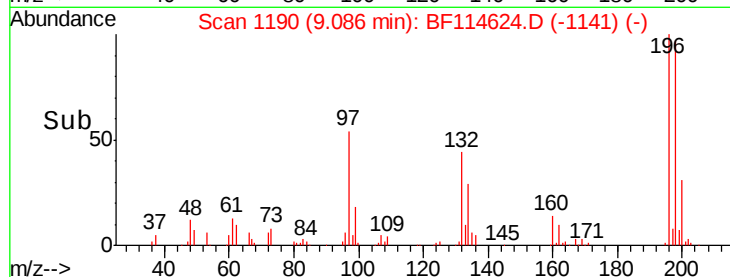
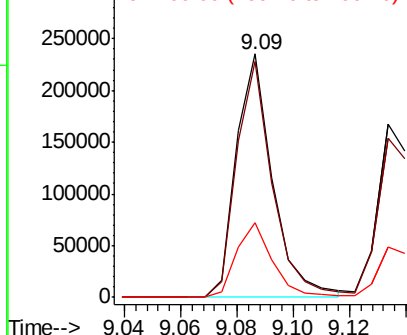


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.082 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:196 Resp: 208247

Ion Ratio Lower Upper

196 100

198 91.7 77.7 116.5

97 52.5 38.2 57.2

132 28.3 21.4 32.2

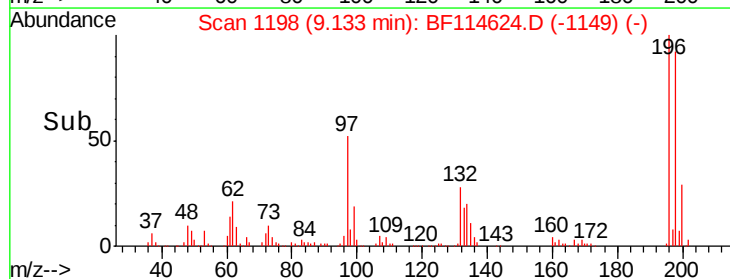
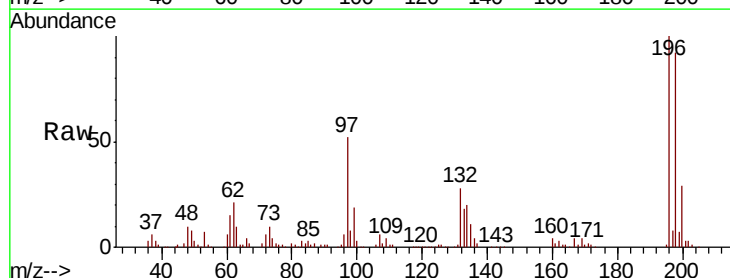
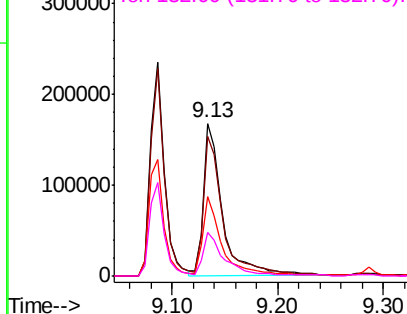
Abundance

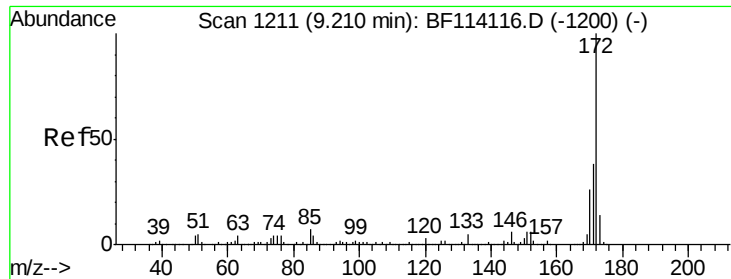
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

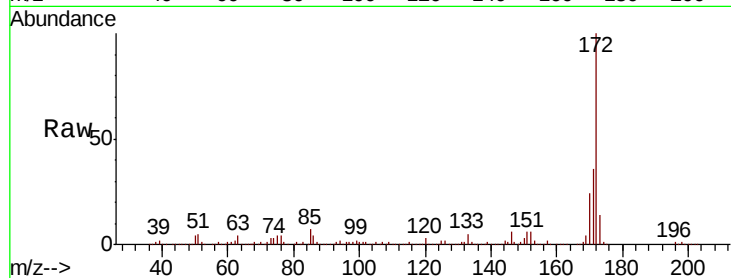




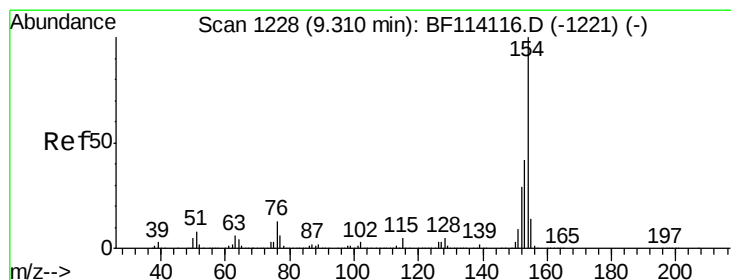
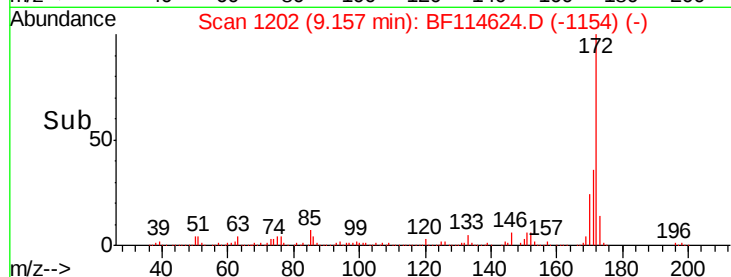
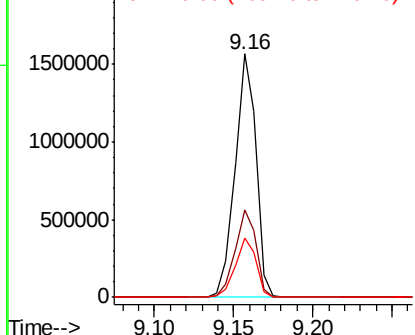
#45
2-Fluorobiphenyl
Concen: 87.021 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1434571
Ion Ratio Lower Upper
172 100
171 36.2 30.7 46.1
170 24.3 20.5 30.7

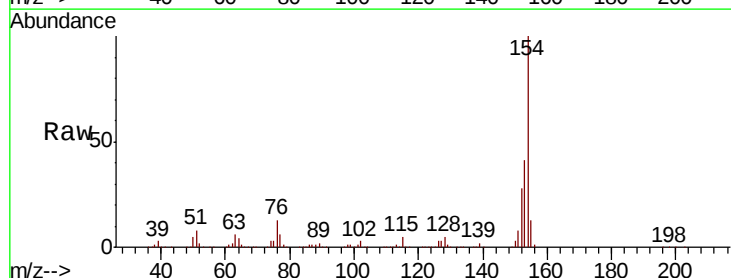


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

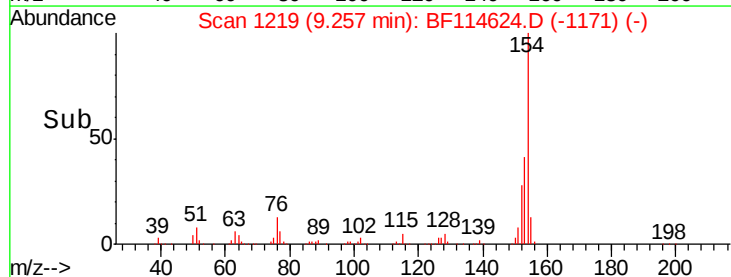
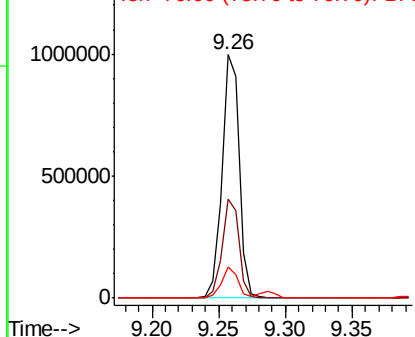


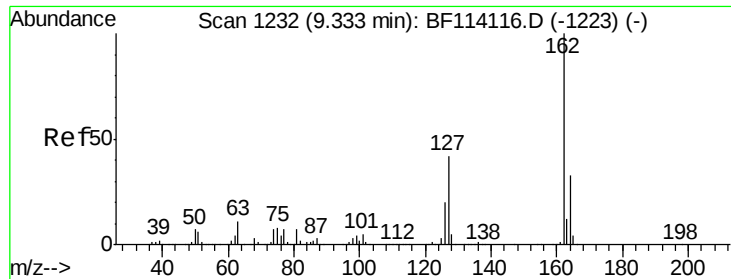
#46
1,1'-Biphenyl
Concen: 45.257 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:154 Resp: 911724
Ion Ratio Lower Upper
154 100
153 40.6 21.9 61.9
76 12.9 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 44.047 ng

RT: 9.29 min Scan# 1224

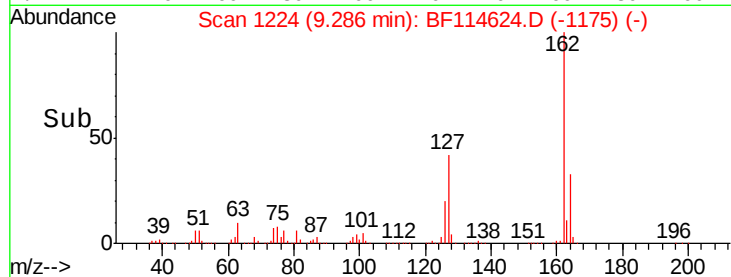
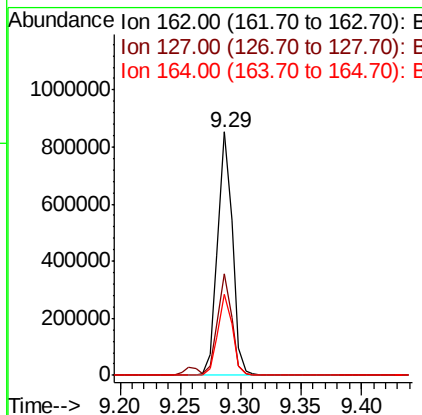
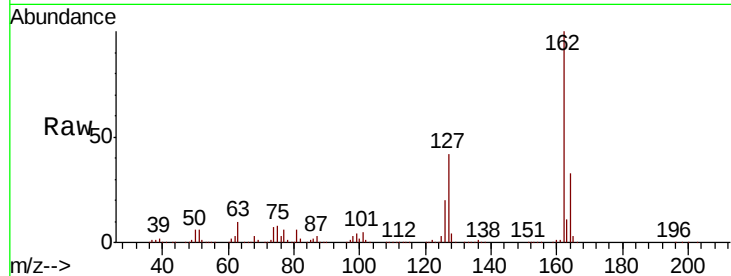
Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	162	Resp:	714141
Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	33.4	26.7	40.1



#48

2-Nitroaniline

Concen: 43.649 ng

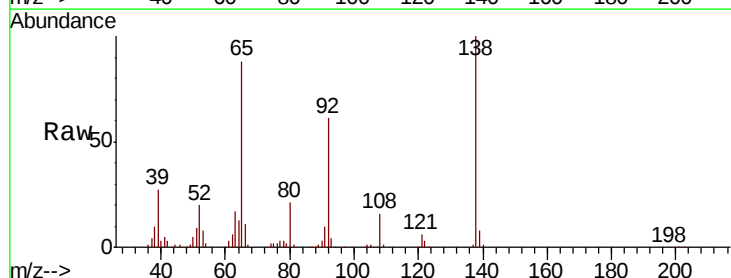
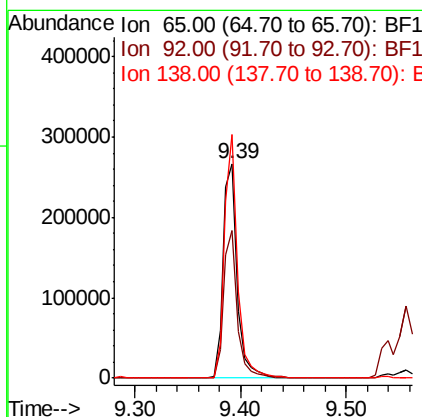
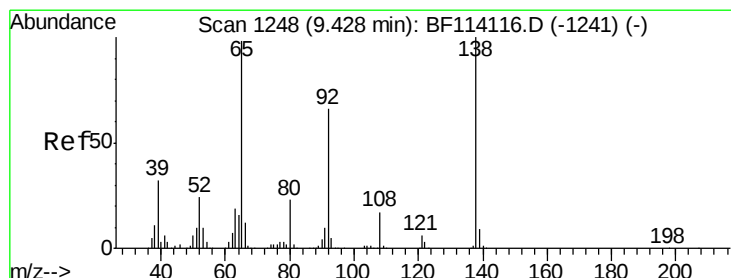
RT: 9.39 min Scan# 1242

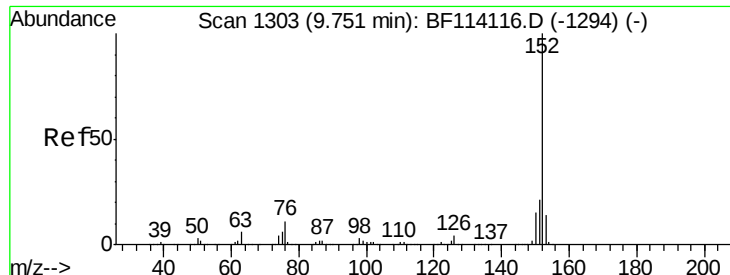
Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:	65	Resp:	250977
Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.9	80.9
138	113.6	81.4	122.0





#49

Acenaphthylene

Concen: 44.130 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

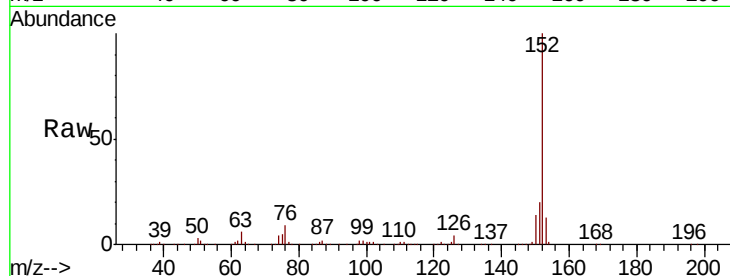
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1088191

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.1	11.4	17.2

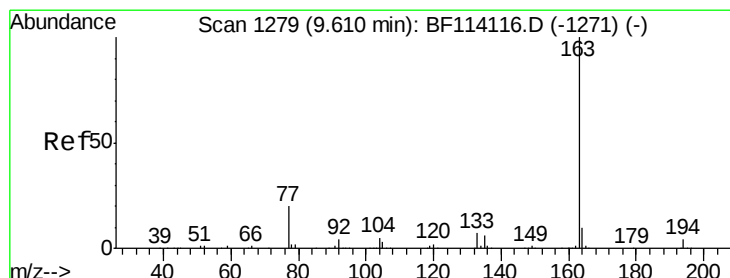
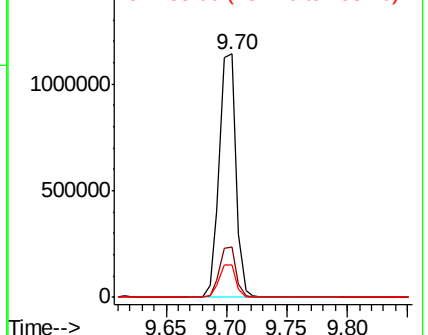
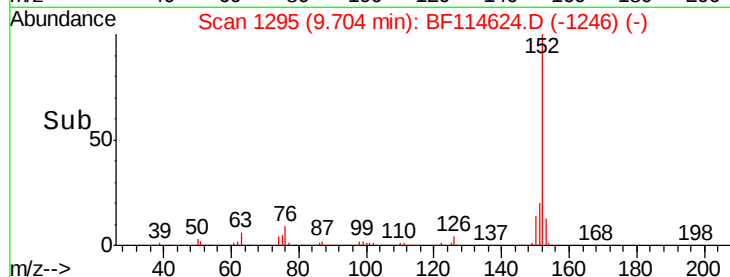


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.775 ng

RT: 9.56 min Scan# 1270

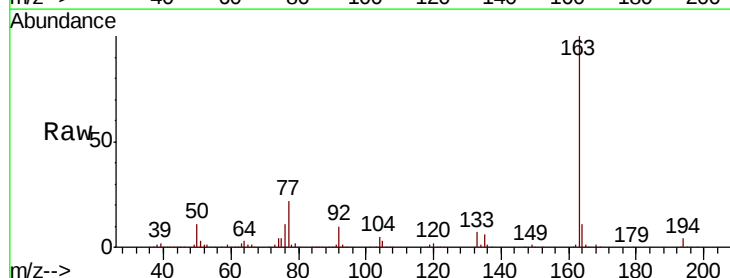
Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:163 Resp: 783034

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.6	8.2	12.2

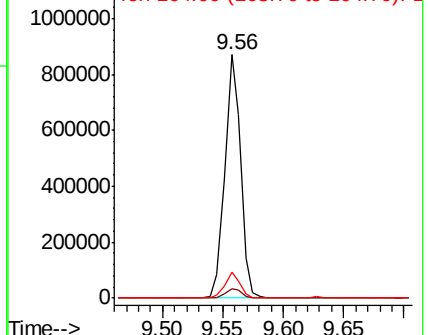
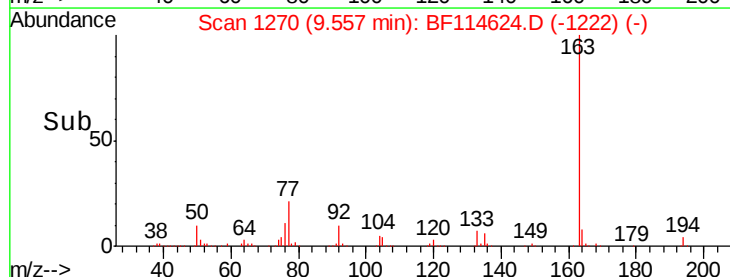


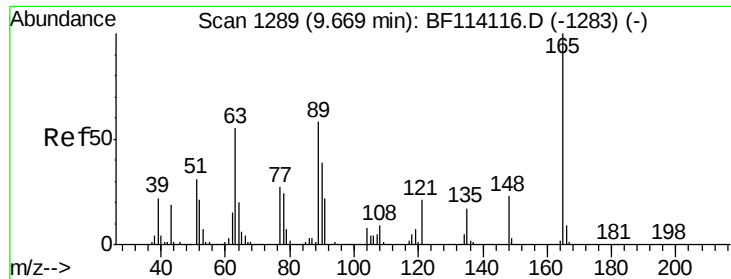
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

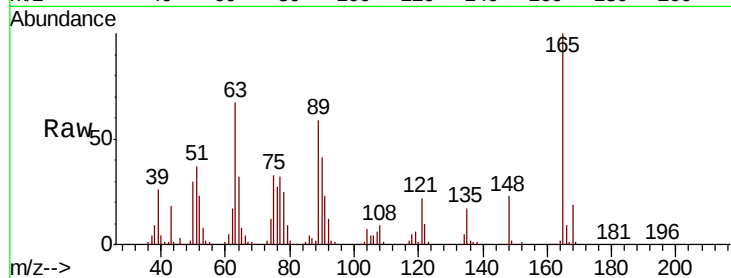




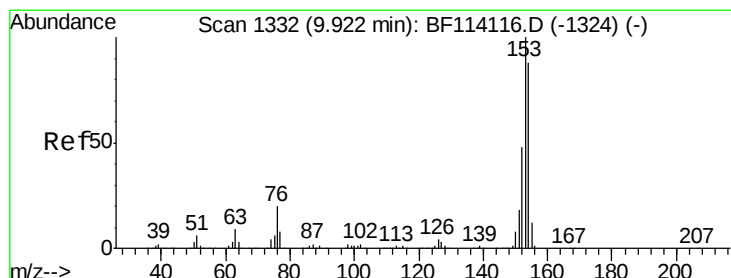
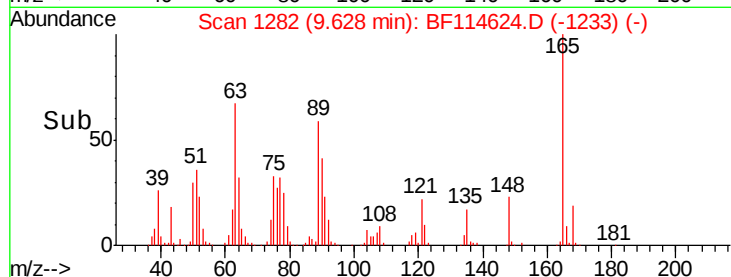
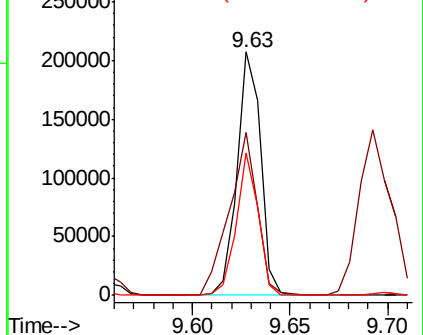
#51
 2,6-Dinitrotoluene
 Concen: 42.707 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 173401
 Ion Ratio Lower Upper
 165 100
 63 67.1 50.2 75.4
 89 58.8 46.6 69.8

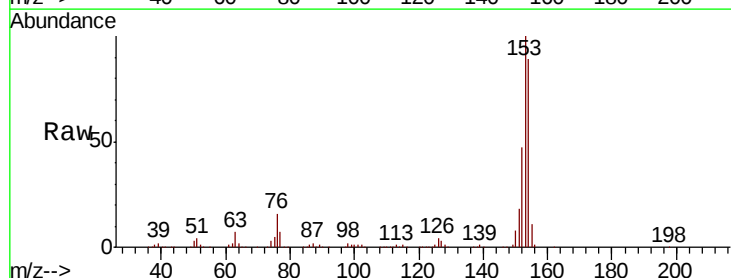


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

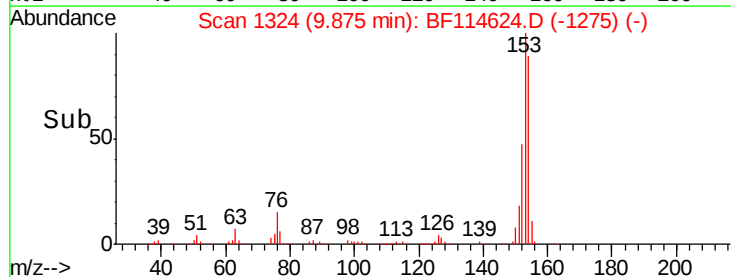
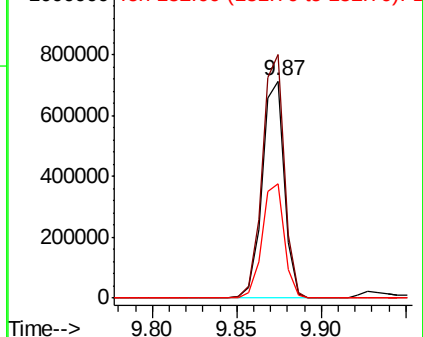


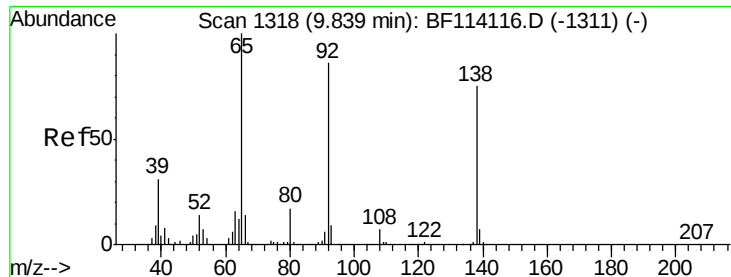
#52
 Acenaphthene
 Concen: 42.974 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion:154 Resp: 650275
 Ion Ratio Lower Upper
 154 100
 153 112.3 90.5 135.7
 152 53.0 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

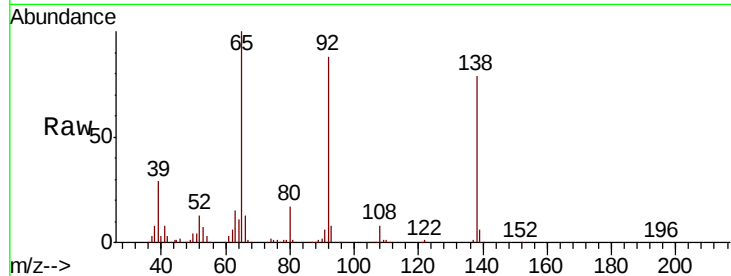




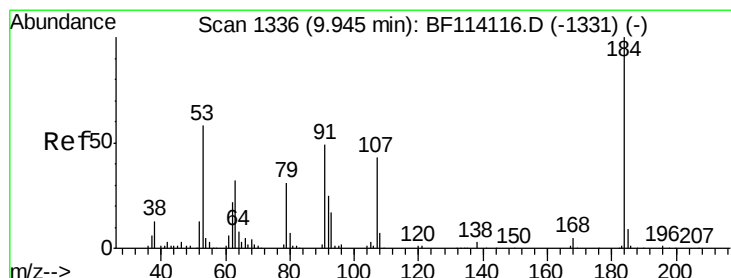
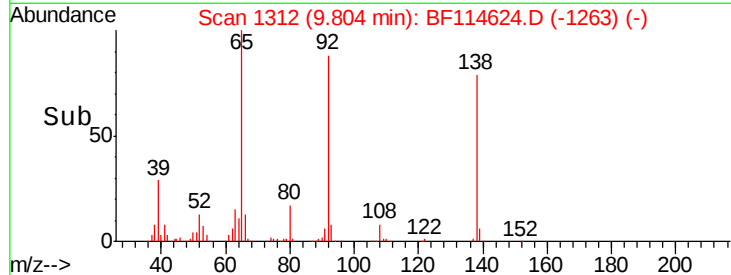
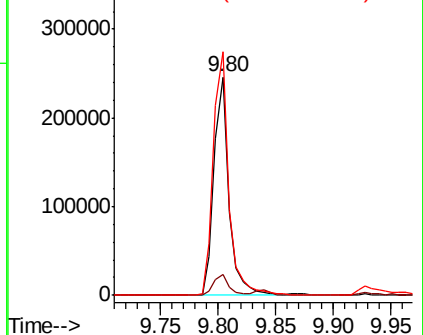
#53
3-Nitroaniline
Concen: 44.120 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 222375
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 111.6 91.2 136.8

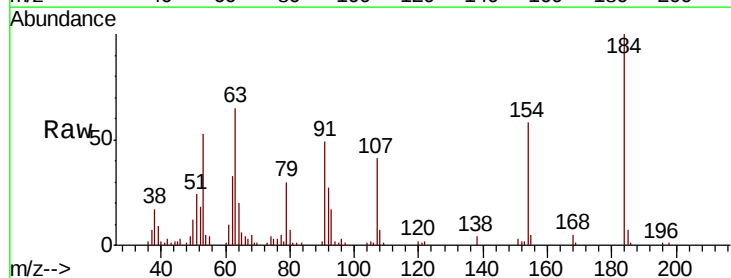


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

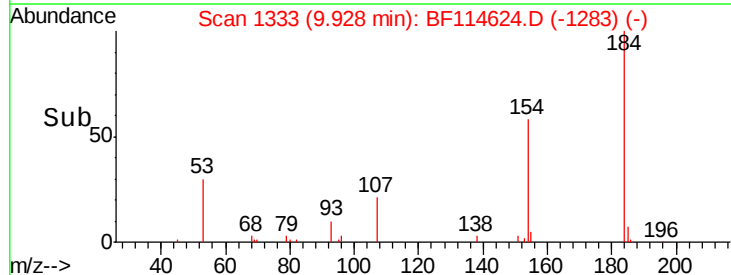
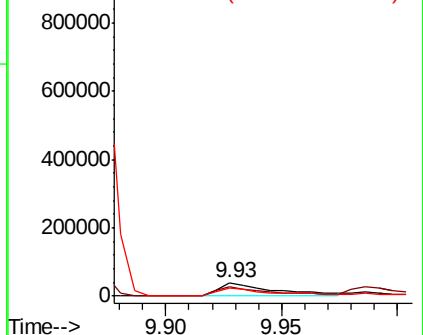


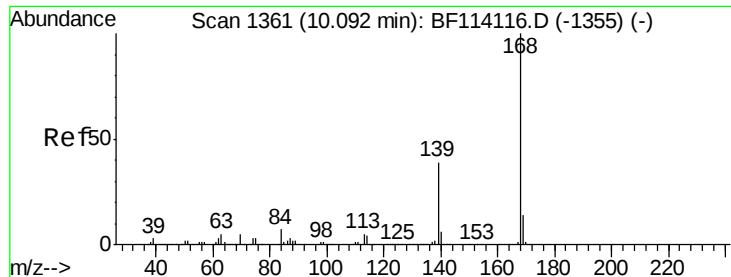
#54
2,4-Dinitrophenol
Concen: 36.438 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:184 Resp: 66205
Ion Ratio Lower Upper
184 100
63 64.7 55.6 83.4
154 57.8 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

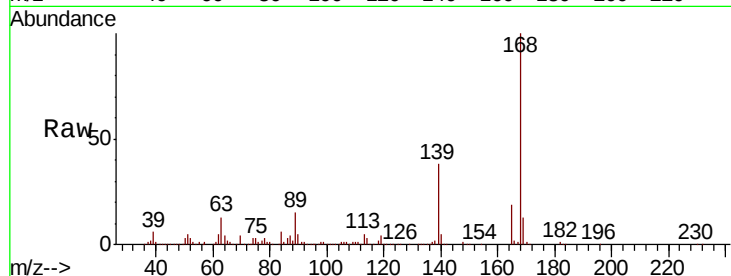




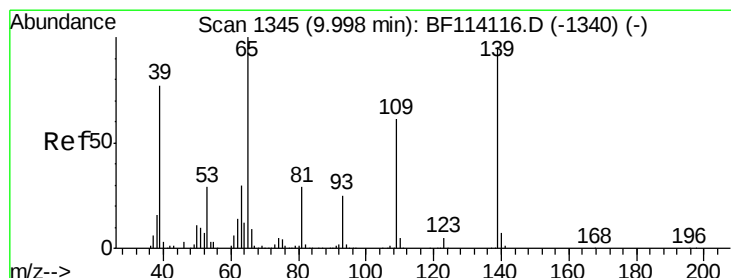
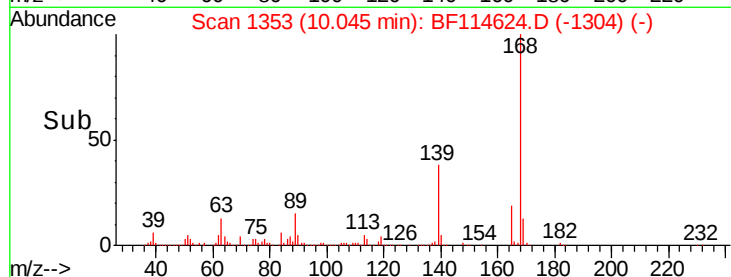
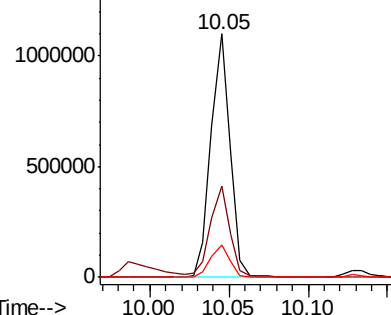
#55
Dibenzenofuran
Concen: 41.318 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 916781
Ion Ratio Lower Upper
168 100
139 37.7 31.1 46.7
169 13.4 11.4 17.0

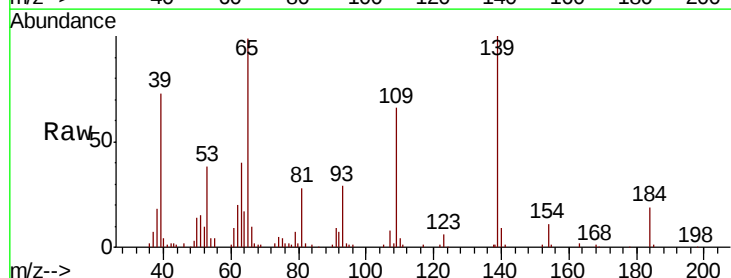


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

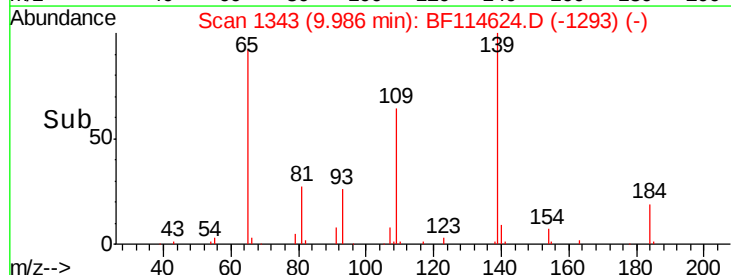
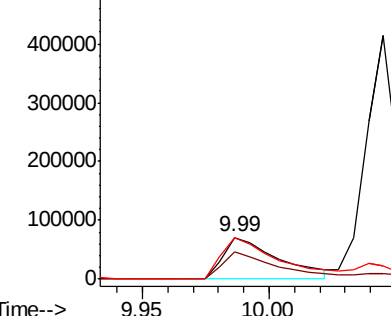


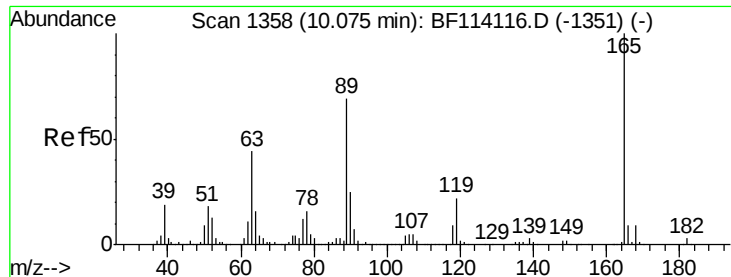
#56
4-Nitrophenol
Concen: 30.022 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:139 Resp: 107011
Ion Ratio Lower Upper
139 100
109 65.9 43.9 83.9
65 99.1 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

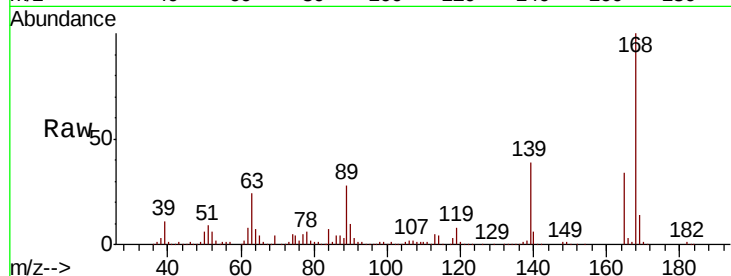




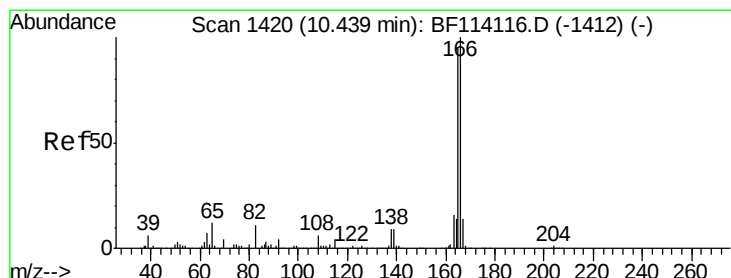
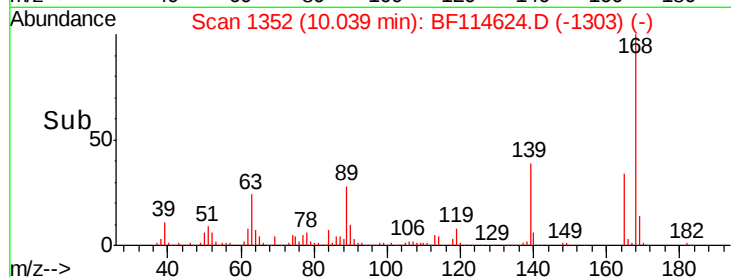
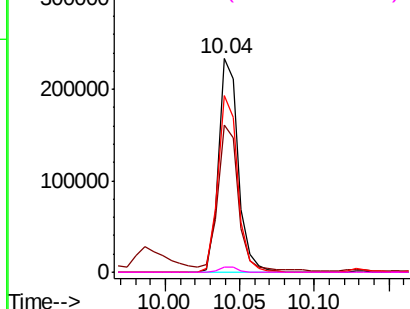
#57
 2,4-Dinitrotoluene
 Concen: 39.298 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.7	35.5	53.3
89	82.8	55.2	82.8
182	2.7	2.2	3.2

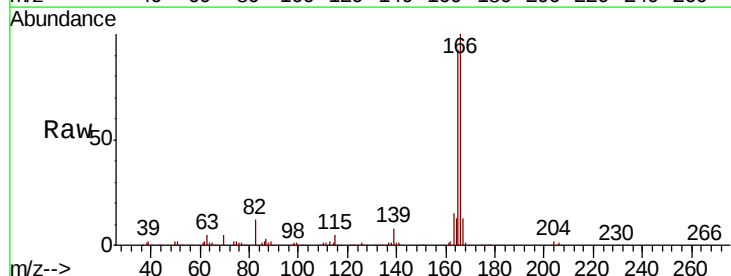


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

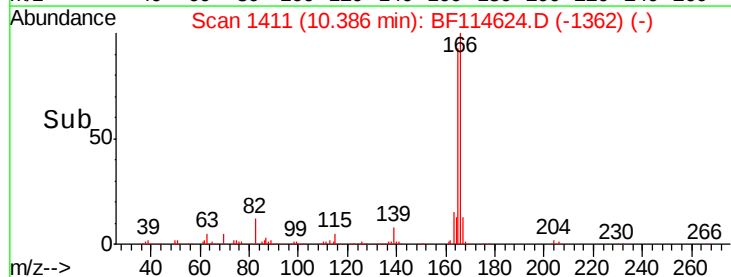
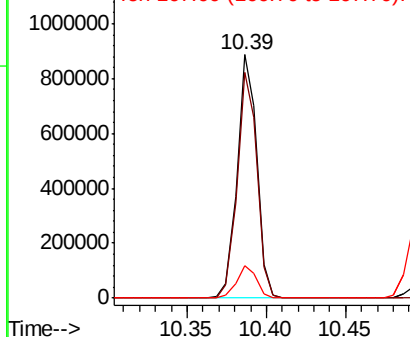


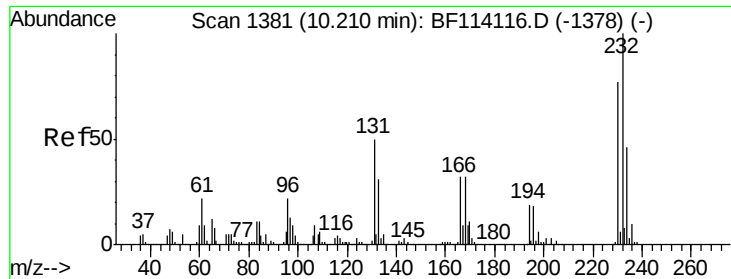
#58
 Fluorene
 Concen: 44.545 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.7	76.1	114.1
167	13.5	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

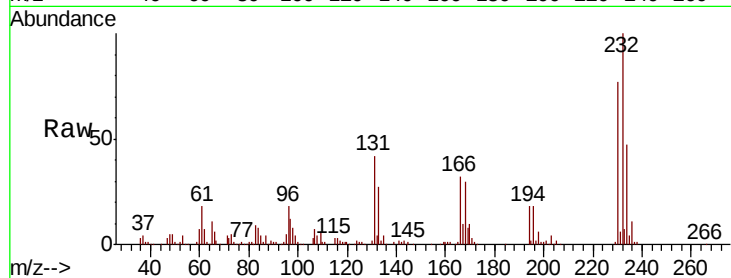




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.932 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.6	53.4
130	2.2	1.6	2.4
166	29.6	24.1	36.1



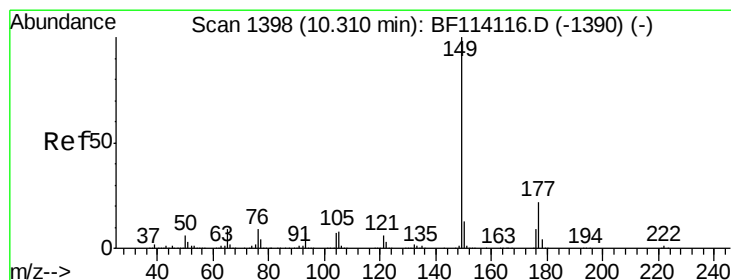
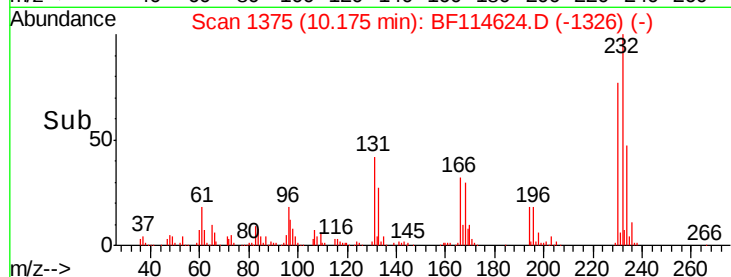
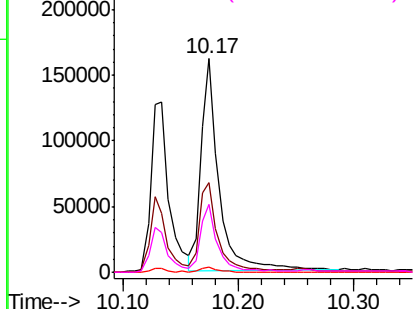
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

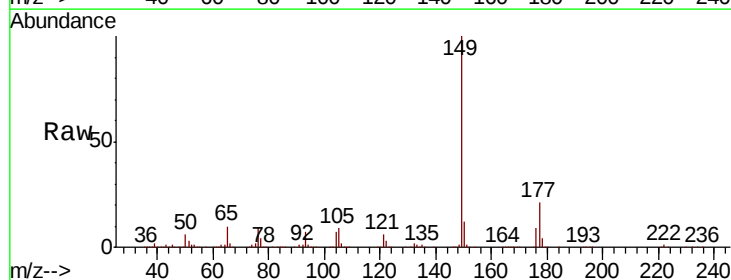
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.615 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.8	26.6
150	12.3	10.2	15.2

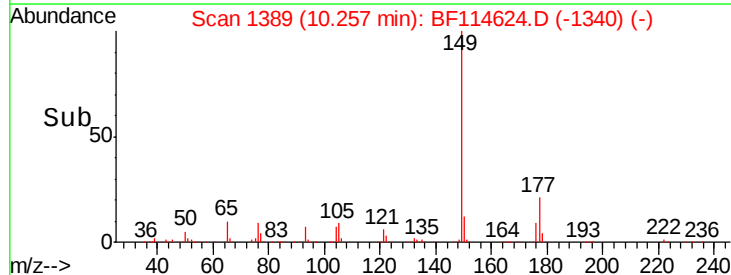
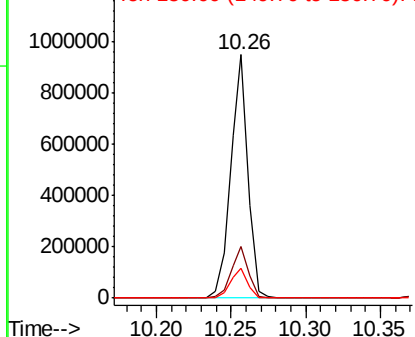


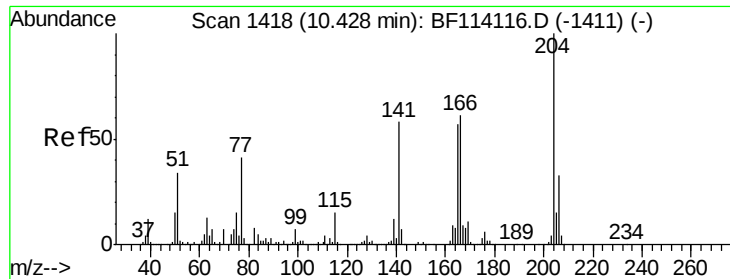
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

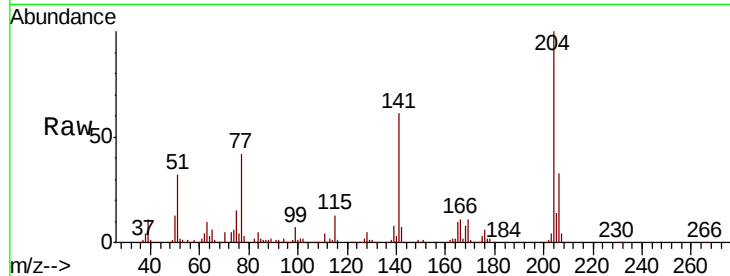




#61
4-Chlorophenyl-phenylether
Concen: 43.542 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	61.3	46.4	69.6

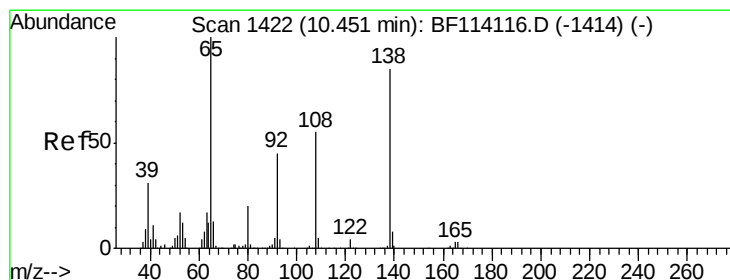
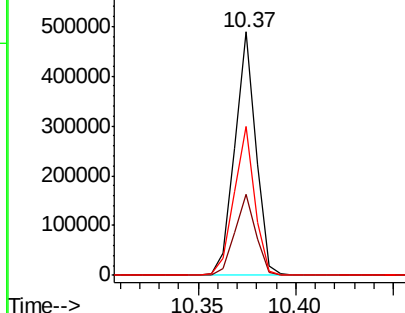
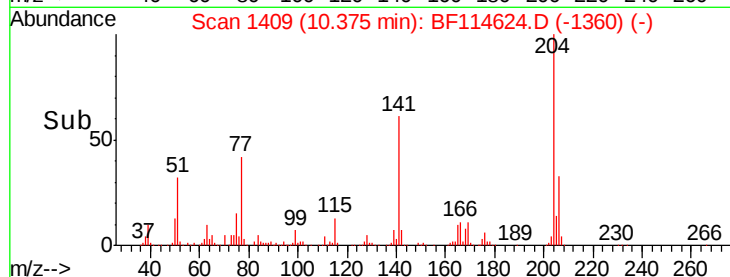


Abundance

Ion 204.00 (203.70 to 204.70): E

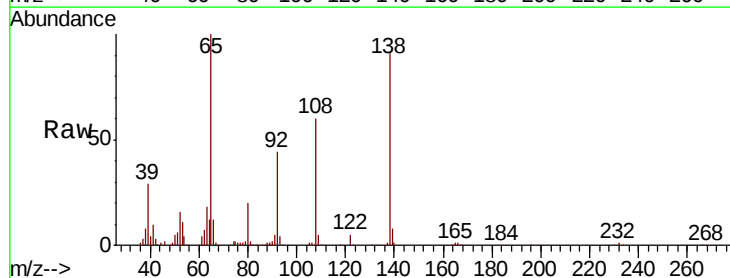
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.086 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	33.0	73.0
108	65.8	44.9	84.9

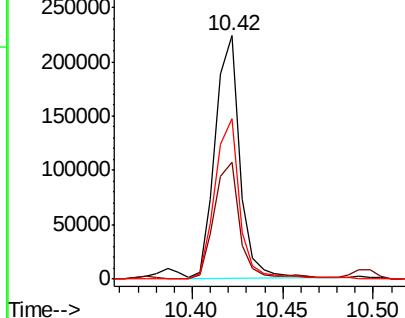
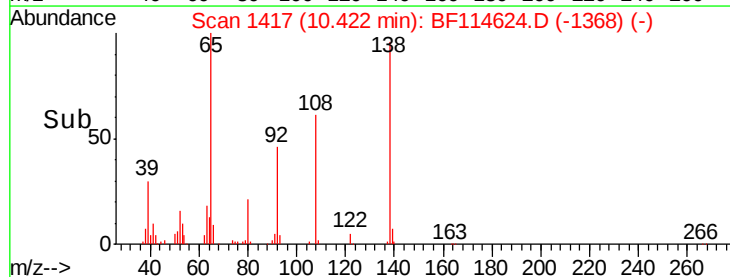


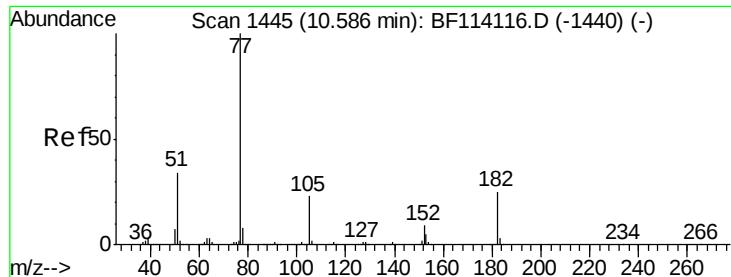
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.249 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 742639

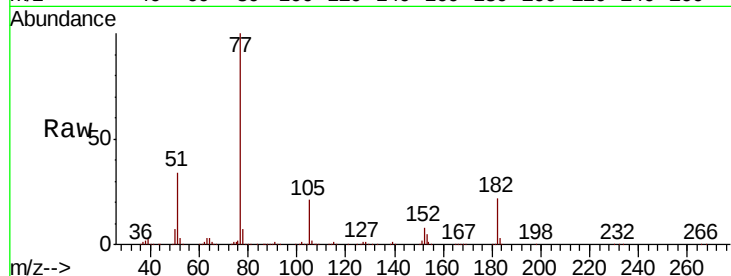
Ion Ratio Lower Upper

77 100

182 22.1 4.7 44.7

105 21.4 2.9 42.9

51 33.8 14.6 54.6

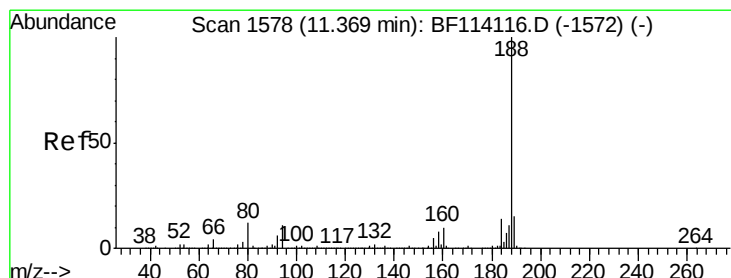
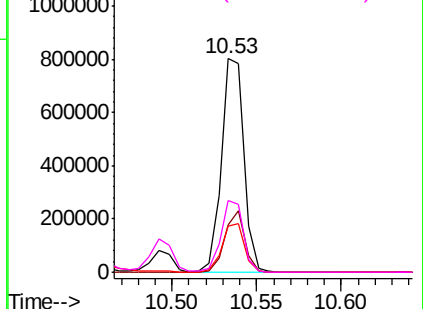
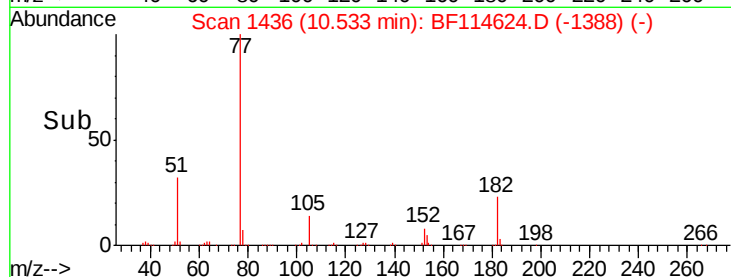


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

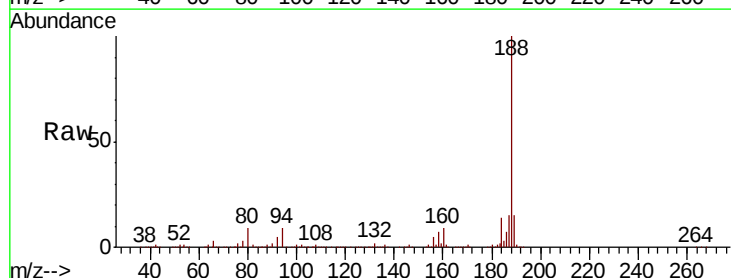
Tgt Ion: 188 Resp: 493578

Ion Ratio Lower Upper

188 100

94 8.7 8.4 12.6

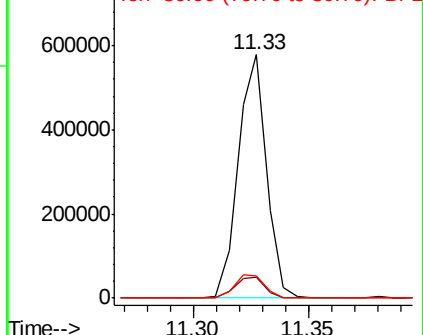
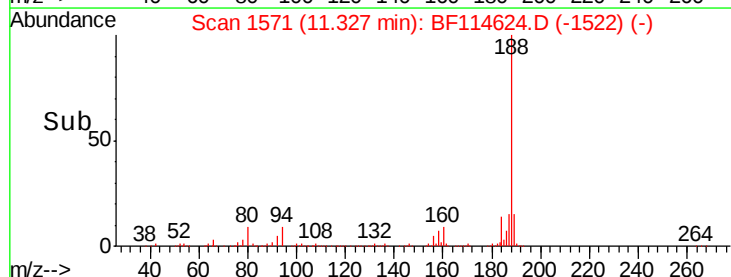
80 9.2 9.2 13.8#

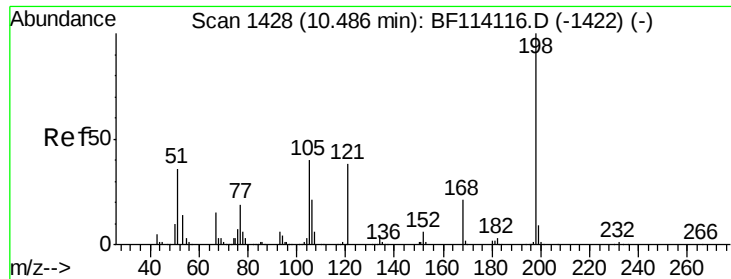


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

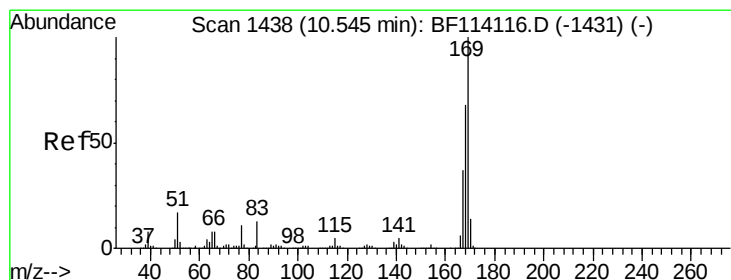
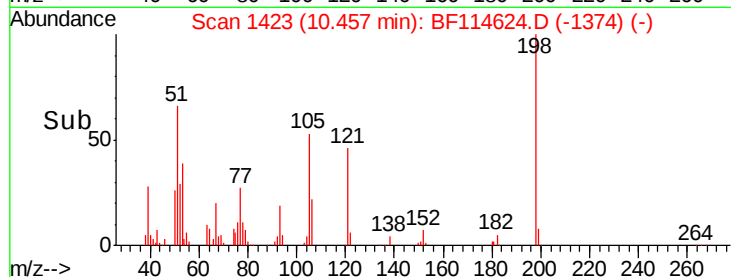
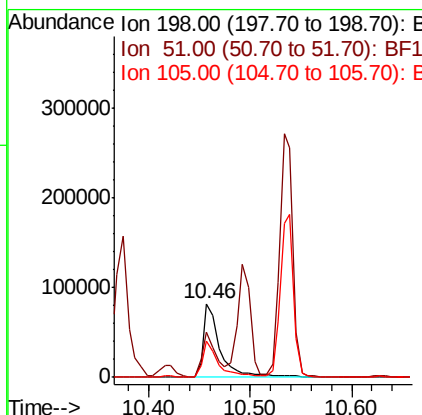
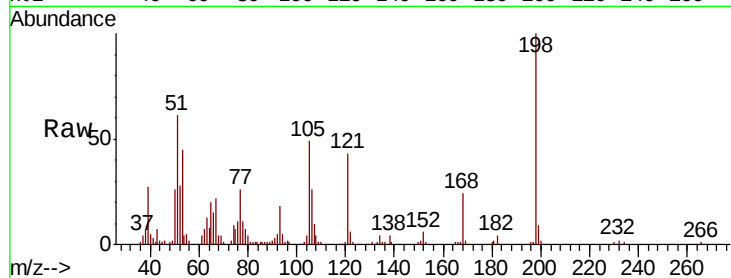




#65
4,6-Dinitro-2-methylphenol
Concen: 40.750 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

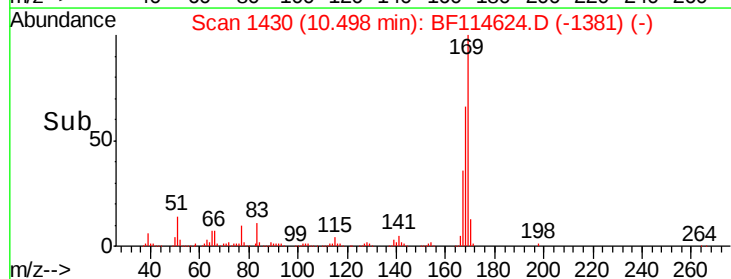
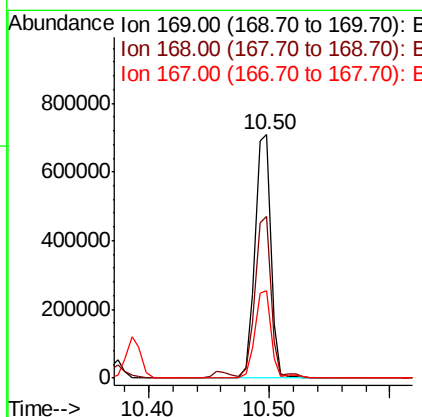
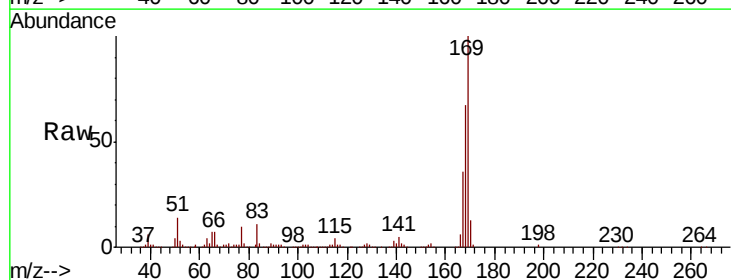
Instrument :
BNA_F
ClientSampleId :

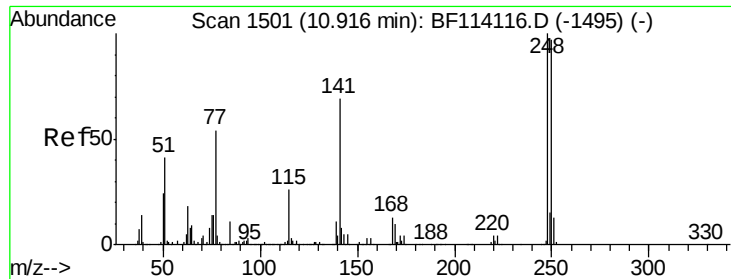
Tot Ion	Ratio	Lower	Upper
198	100		
51	61.0	28.0	68.0
105	48.7	21.1	61.1



#66
n-Nitrosodiphenylamine
Concen: 43.941 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.2
167	35.9	29.8	44.8

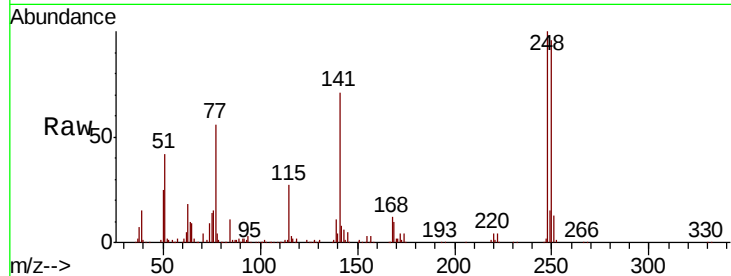




#67
4-Bromophenyl-phenylether
Concen: 42.382 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.2
141	71.2	55.6	83.4

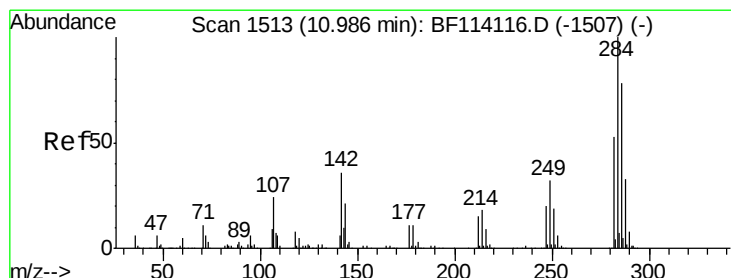
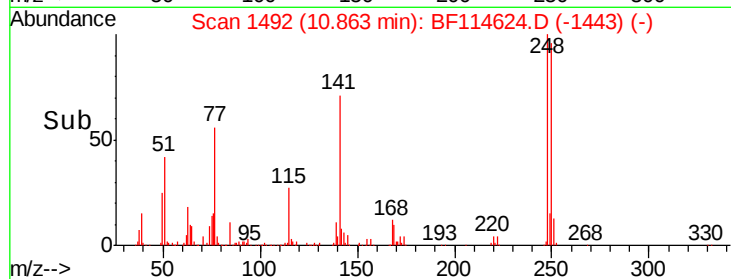
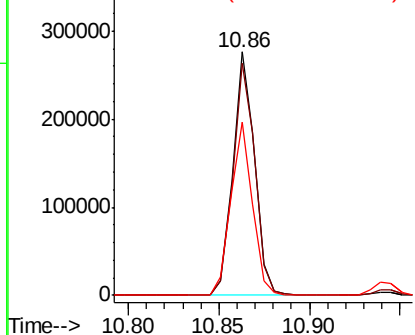


Abundance

Ion 248.00 (247.70 to 248.70): E

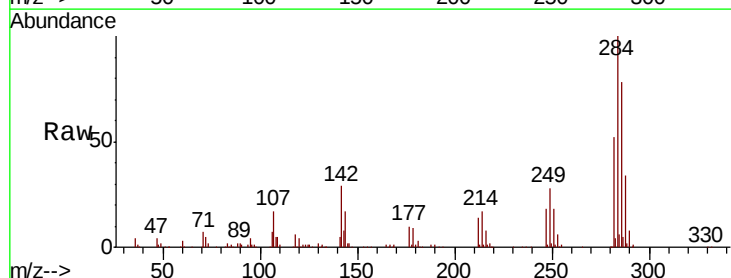
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.850 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.4	42.6
249	28.0	25.2	37.8

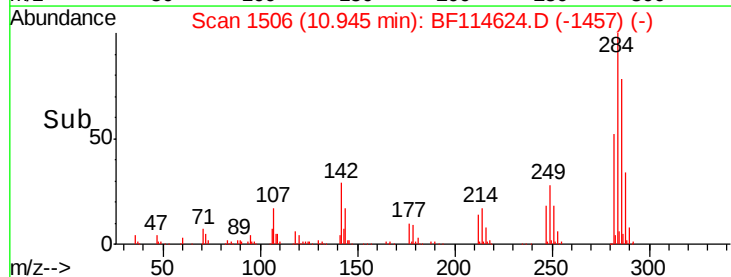
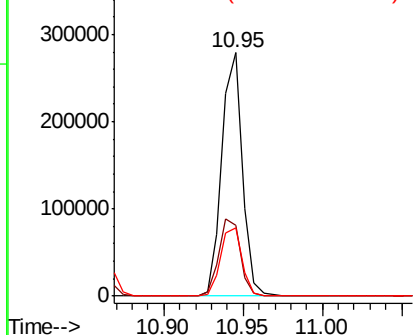


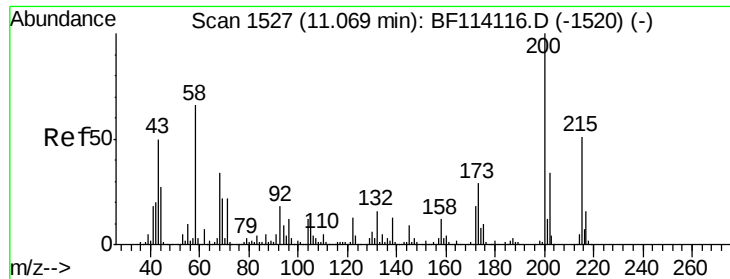
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.867 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampled :

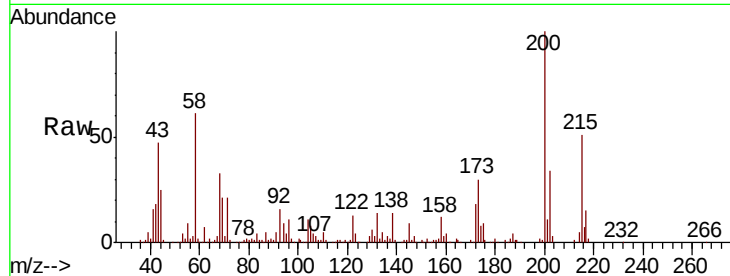
Tot Ion:200 Resp: 190513

Ion Ratio Lower Upper

200 100

173 30.0 8.9 48.9

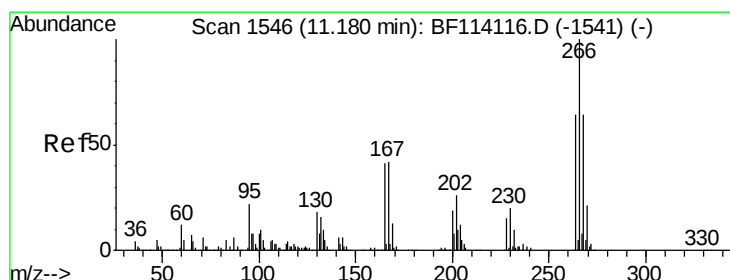
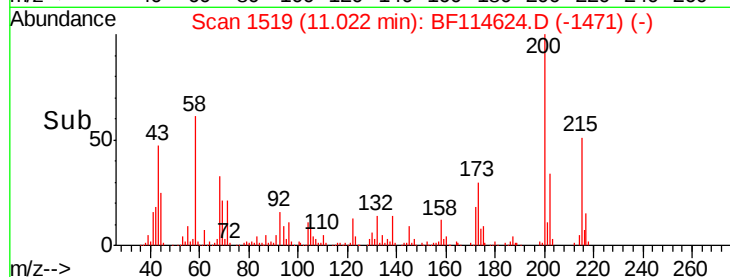
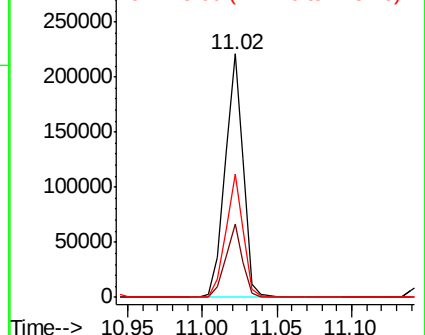
215 50.6 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 29.211 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

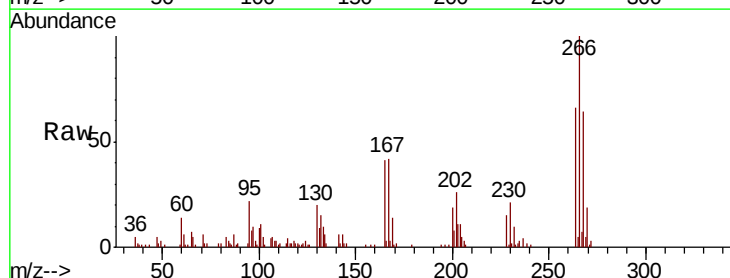
Tgt Ion:266 Resp: 83249

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

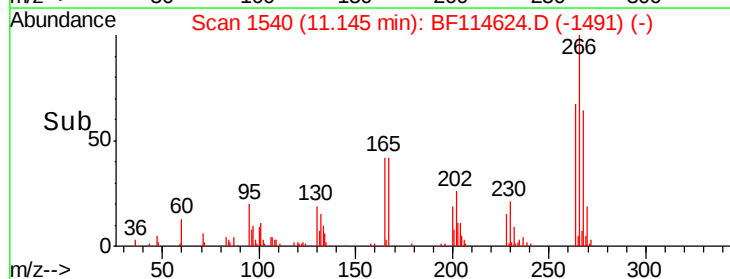
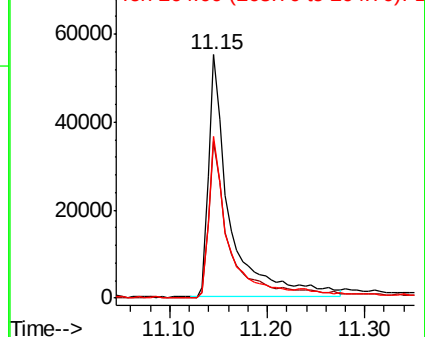
264 66.2 51.1 76.7

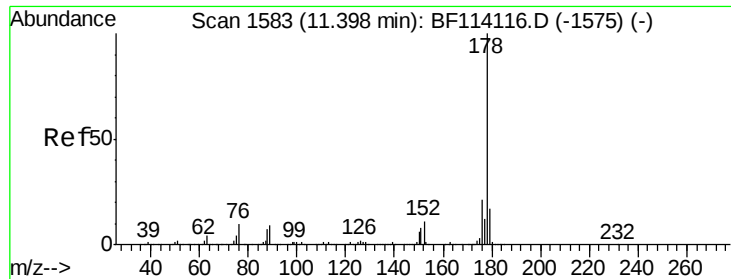


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

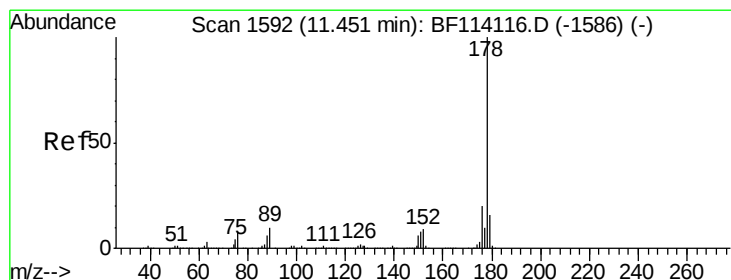
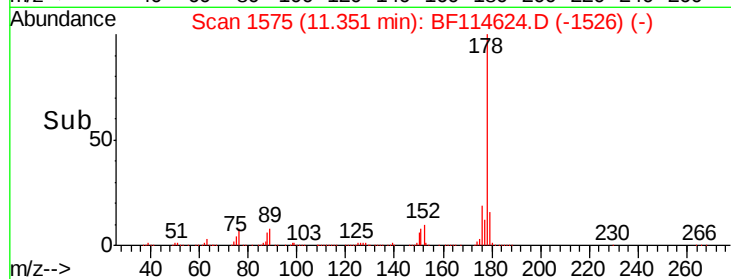
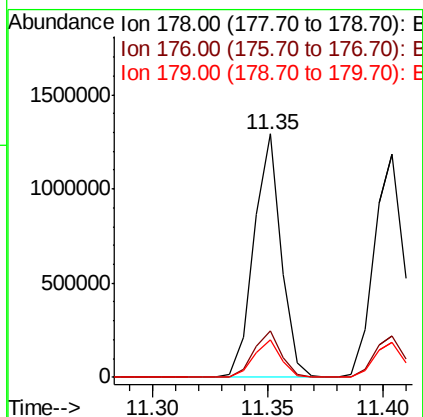
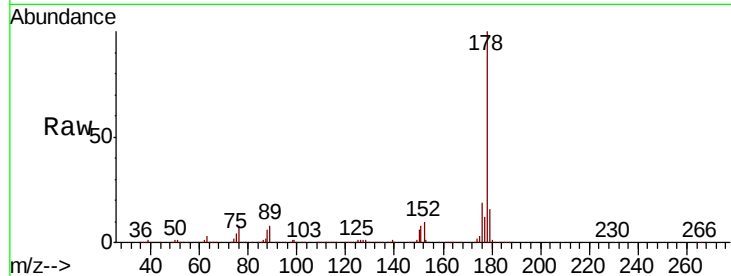




#71
 Phenanthrene
 Concen: 44.488 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

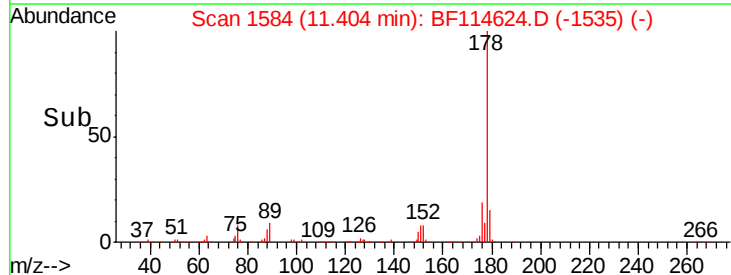
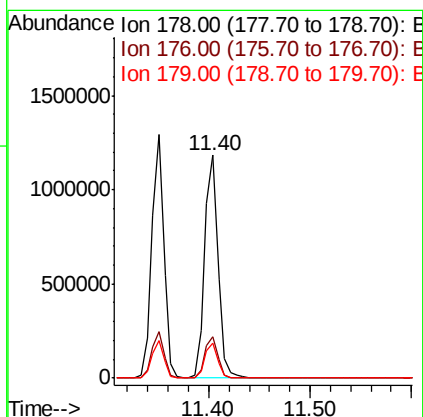
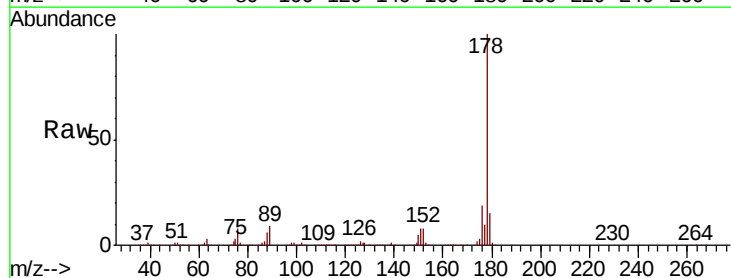
Instrument :
 BNA_F
 ClientSampleId :

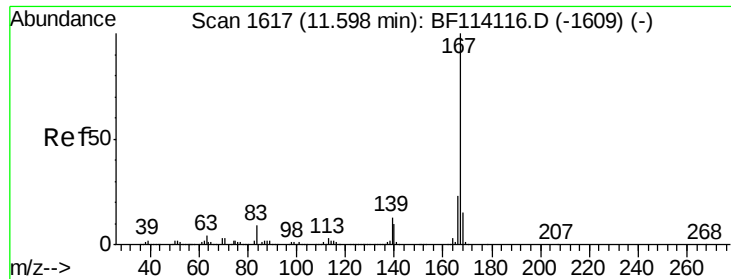
Tot Ion:178 Resp: 1068304
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.4 24.6
 179 15.6 13.2 19.8



#72
 Anthracene
 Concen: 44.967 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion:178 Resp: 1084566
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.5 13.0 19.4

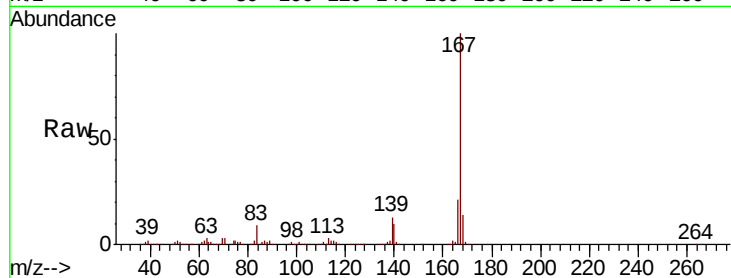




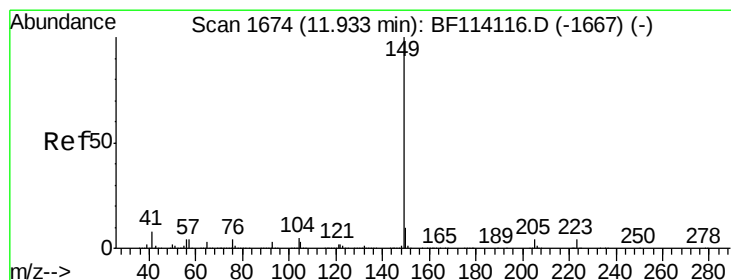
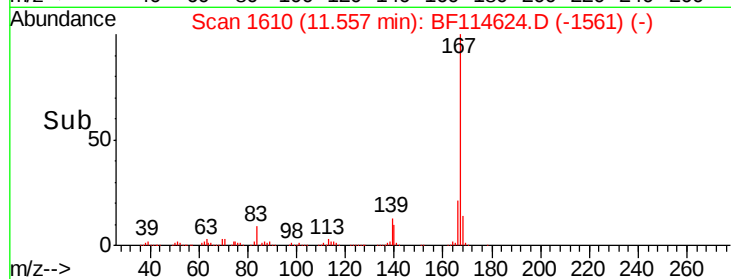
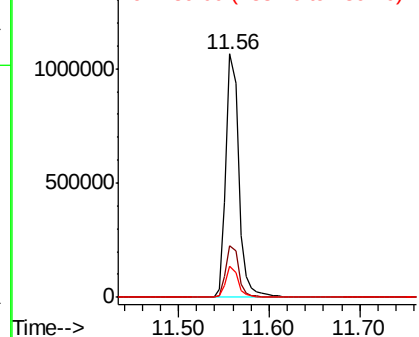
#73
 Carbazole
 Concen: 45.110 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1037525
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.2 27.2
 139 12.9 10.6 16.0

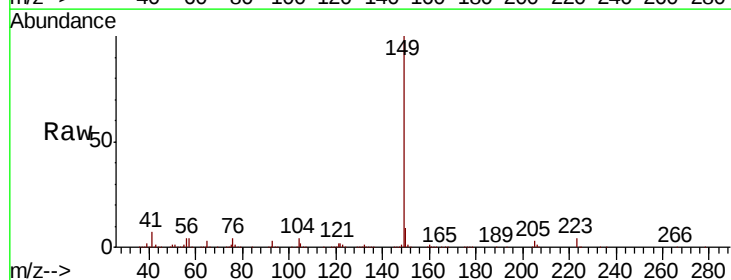


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

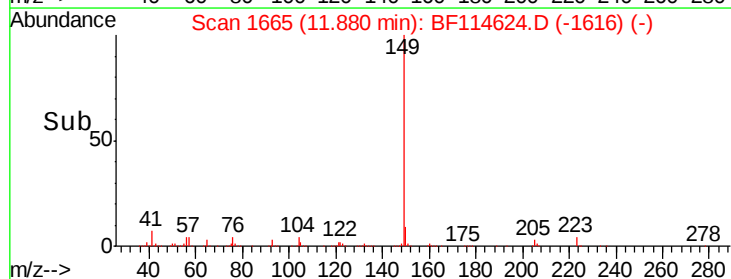
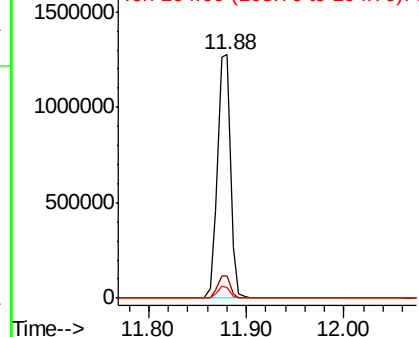


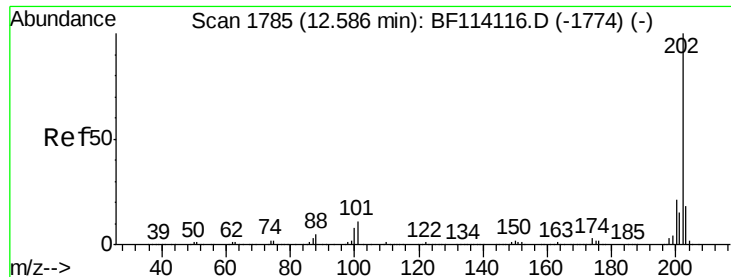
#74
 Di-n-butylphthalate
 Concen: 44.735 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114624.D
 Acq: 26 May 2019 1:30

Tgt Ion:149 Resp: 1185378
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.2 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.758 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

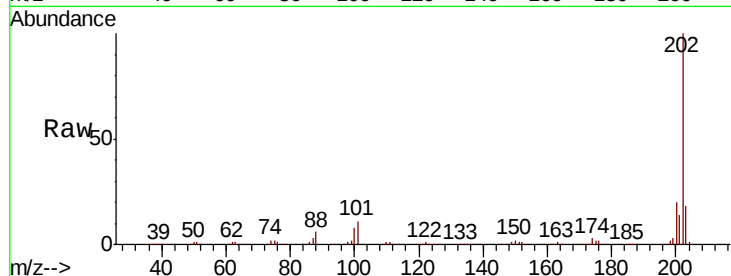
Tot Ion:202 Resp: 1157394

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.0

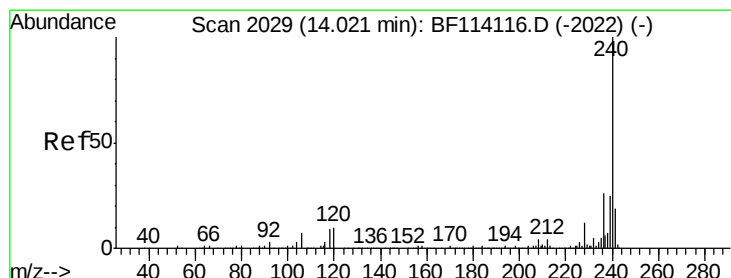
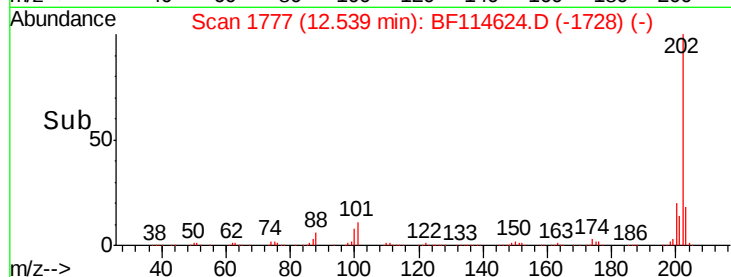
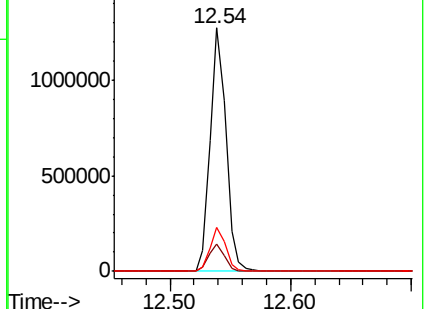
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

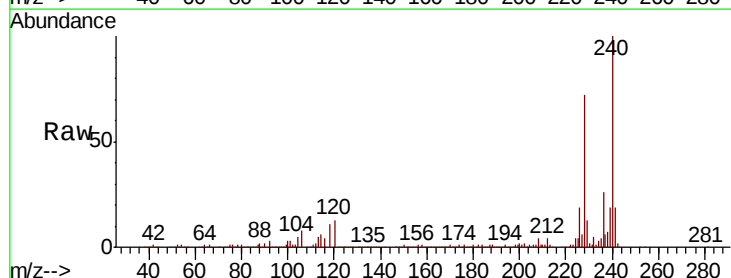
Tgt Ion:240 Resp: 347021

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

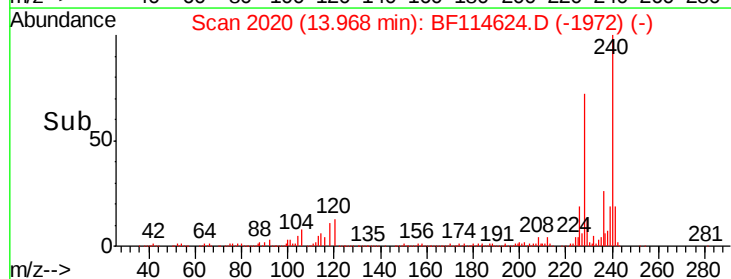
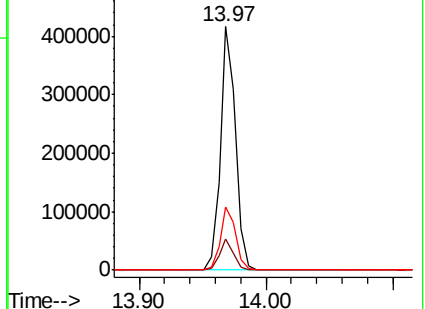
236 26.1 20.8 31.2

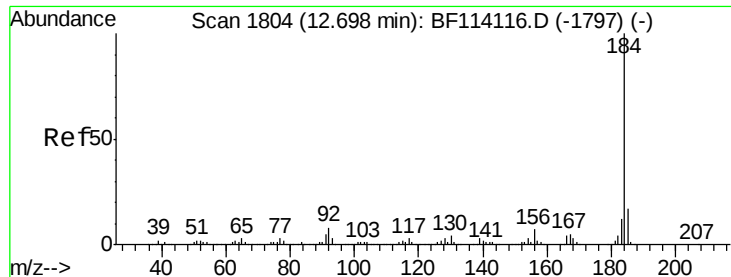


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.331 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

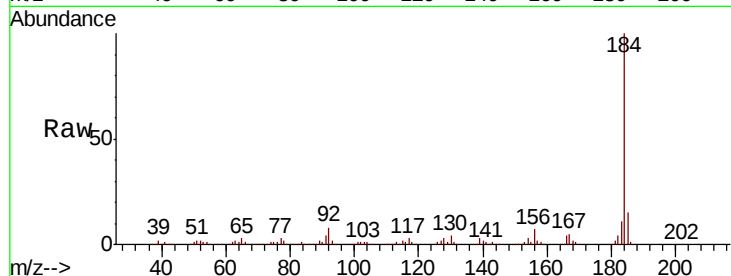
Tot Ion:184 Resp: 550362

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

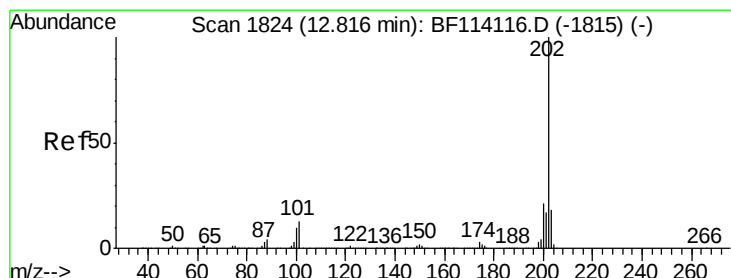
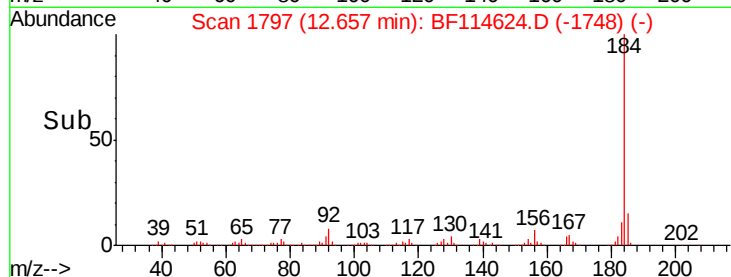
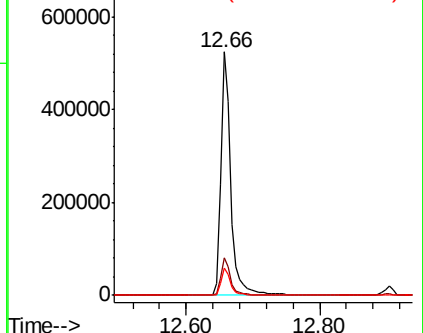
183 11.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.965 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

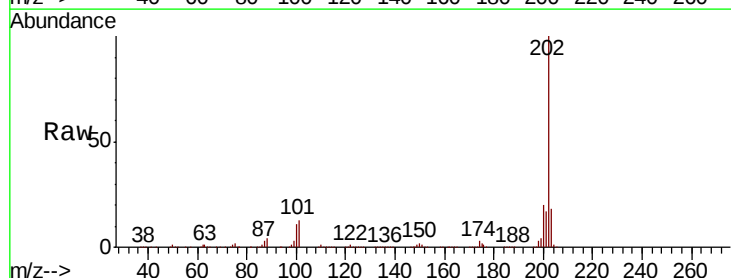
Tgt Ion:202 Resp: 1171507

Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

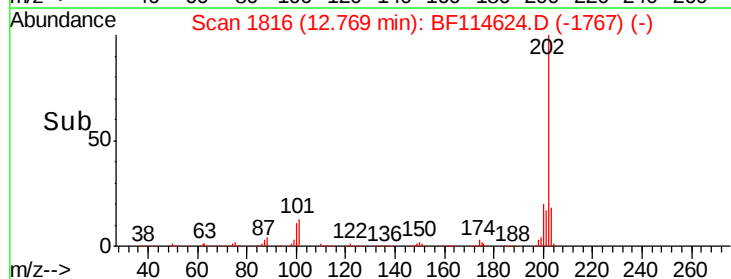
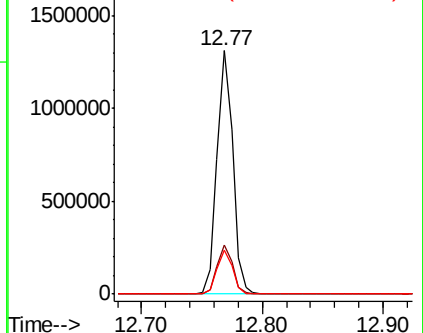
203 18.0 14.5 21.7

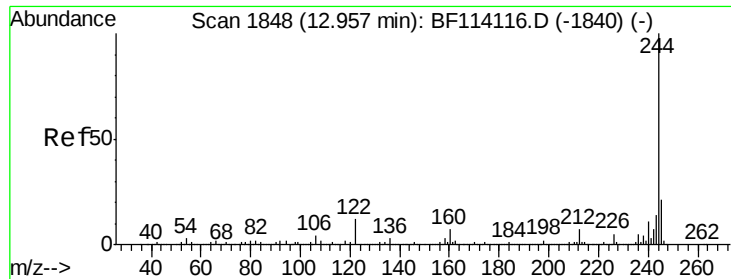


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.764 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

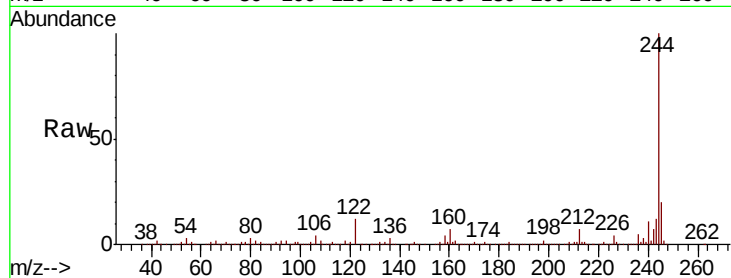
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1443755

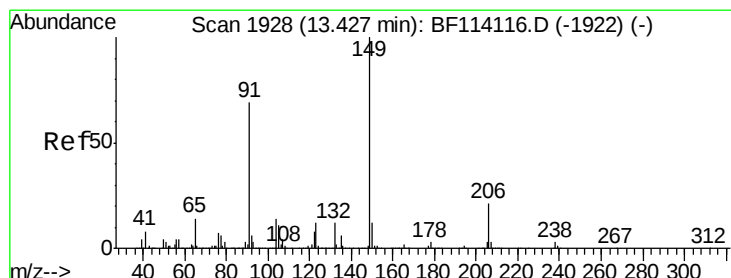
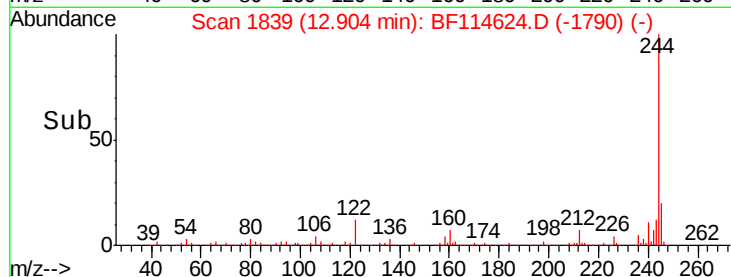
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	12.3	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.685 ng

RT: 13.37 min Scan# 1919

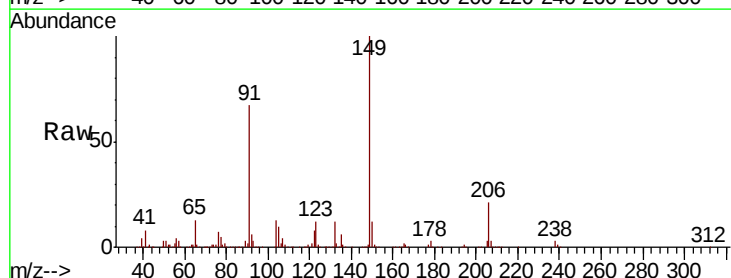
Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Tgt Ion:149 Resp: 513303

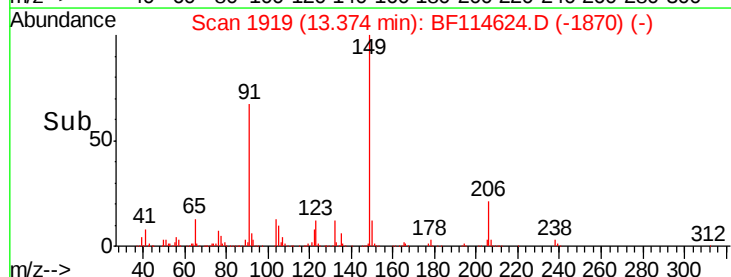
Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.0	82.4
206	20.7	16.9	25.3

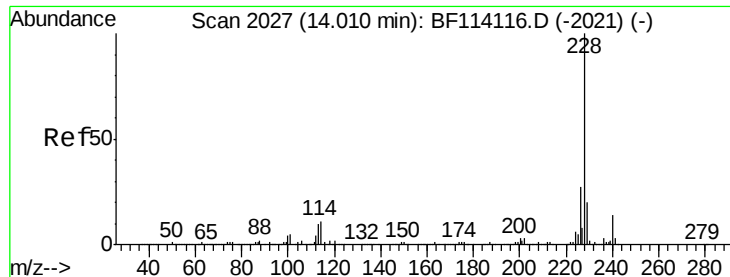


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.599 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

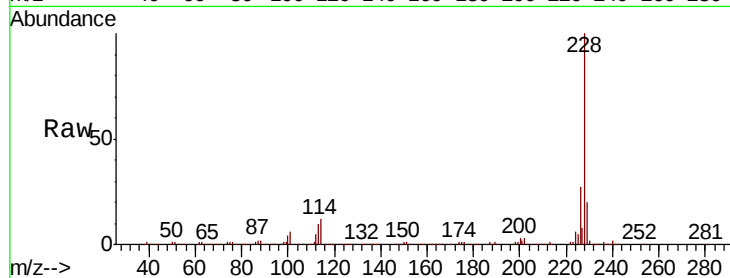
Tot Ion:228 Resp: 1001031

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	19.8	16.4	24.6

228 100

226 27.0 22.2 33.2

229 19.8 16.4 24.6

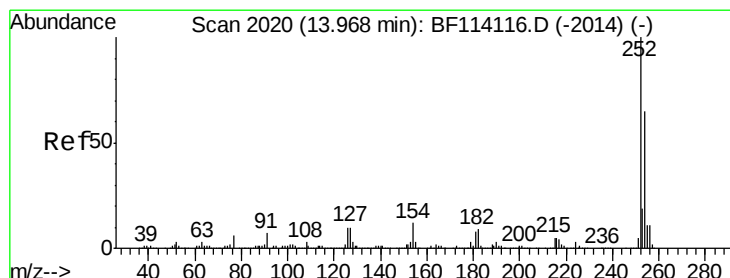
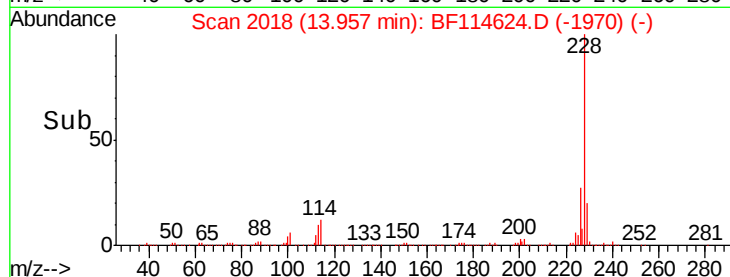
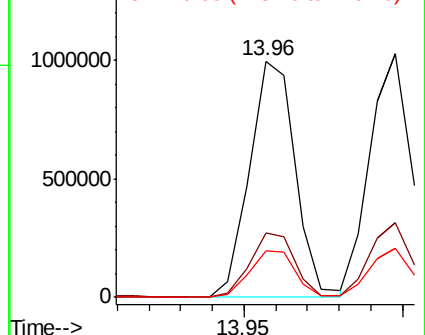


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.141 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

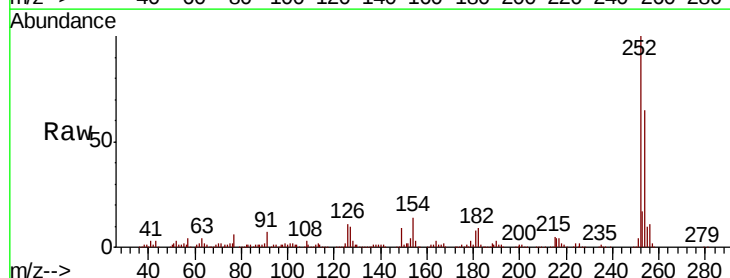
Tgt Ion:252 Resp: 393047

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	10.8	7.9	11.9

252 100

254 65.1 51.9 77.9

126 10.8 7.9 11.9

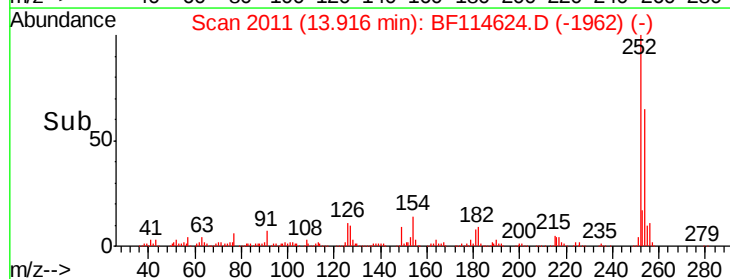
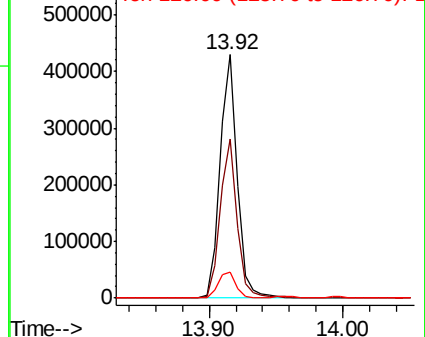


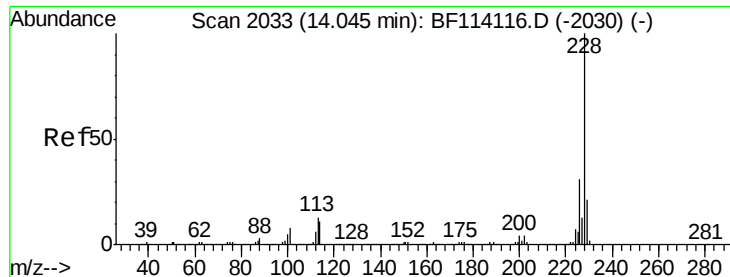
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.651 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampled :

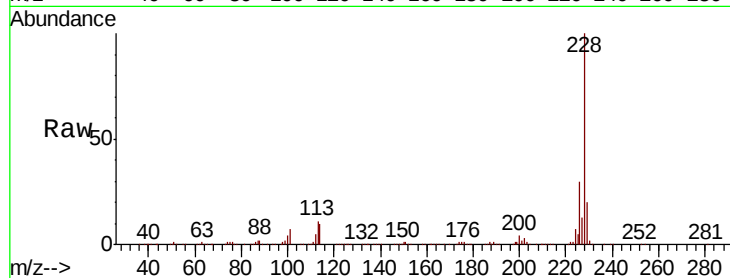
Tot Ion:228 Resp: 960432

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

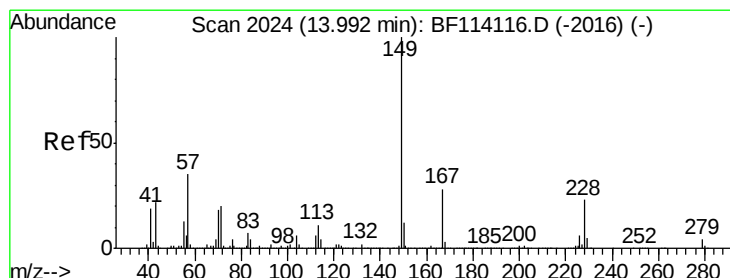
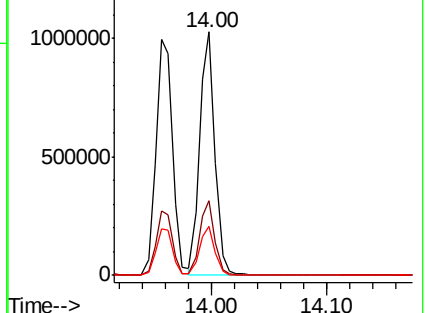
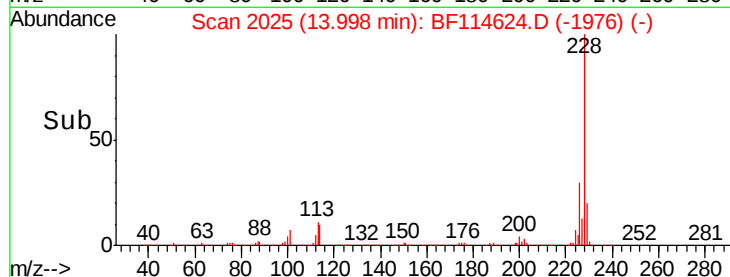
229 20.2 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.382 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

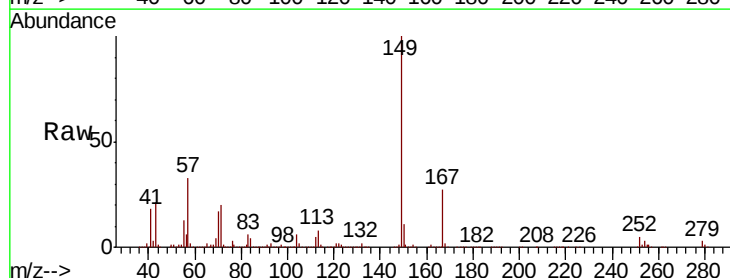
Tgt Ion:149 Resp: 682048

Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

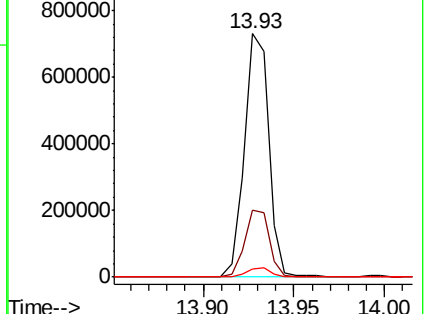
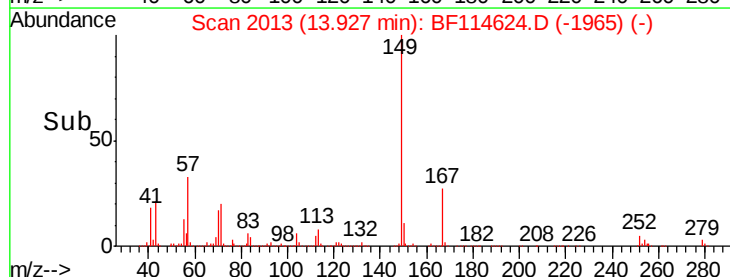
279 3.4 3.0 4.6

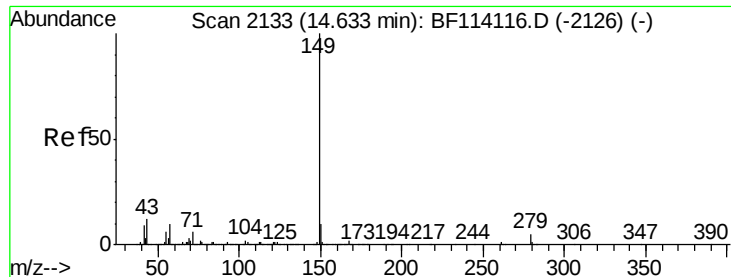


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.834 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

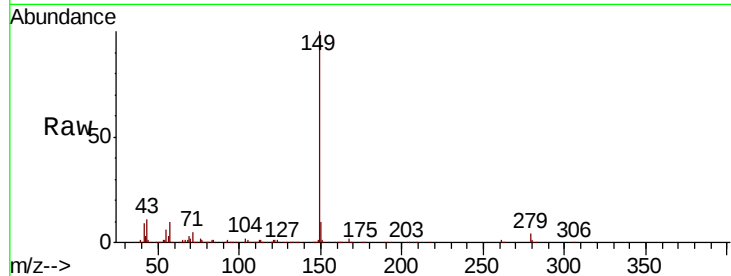
Tot Ion:149 Resp: 1091986

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

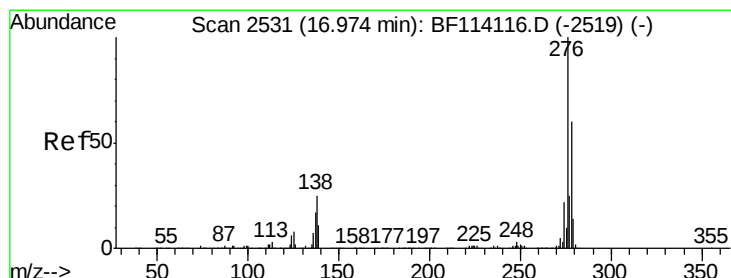
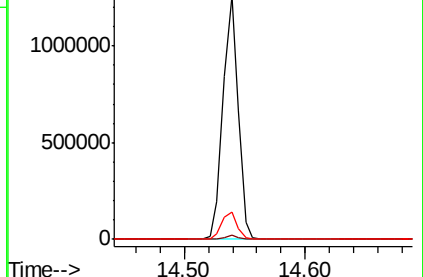
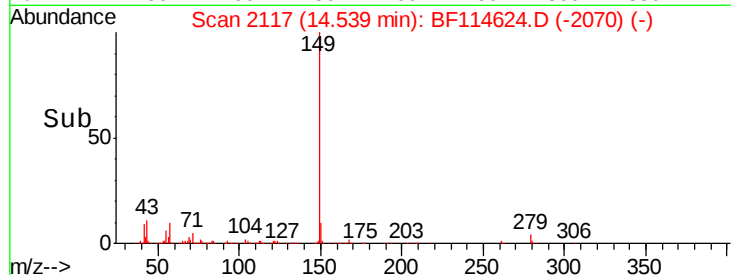
43 11.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.317 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

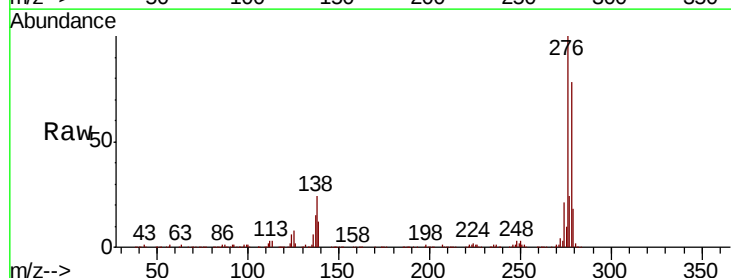
Tgt Ion:276 Resp: 900664

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.2

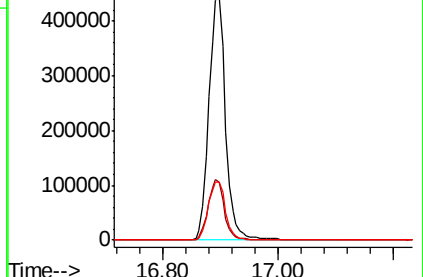
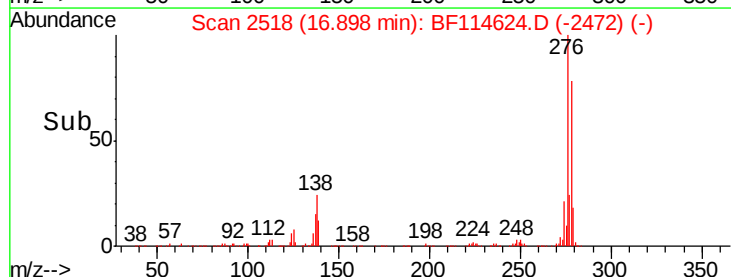
277 24.8 20.0 30.0

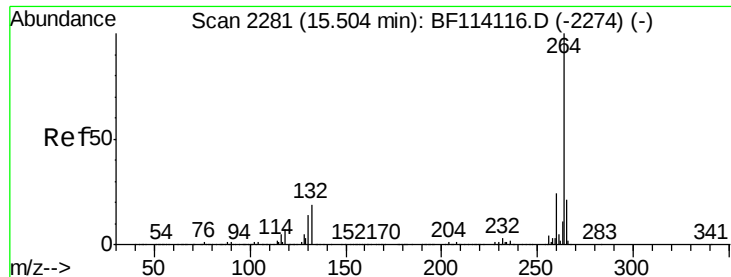


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

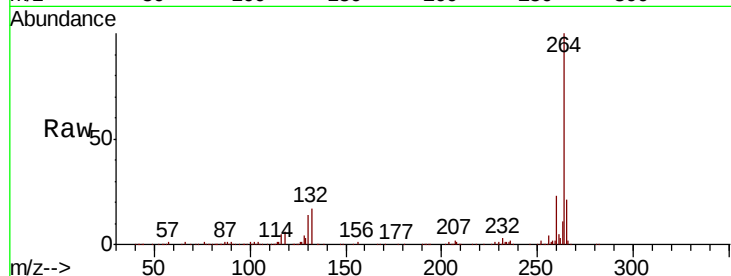
Tot Ion:264 Resp: 338933

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.0

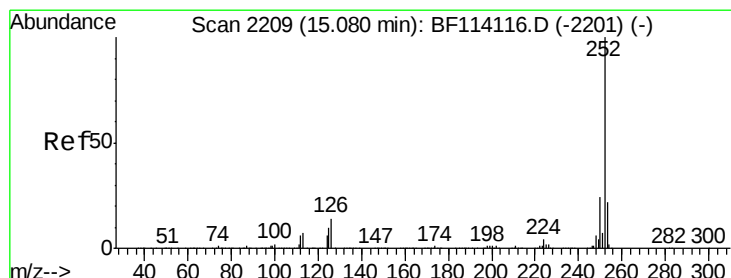
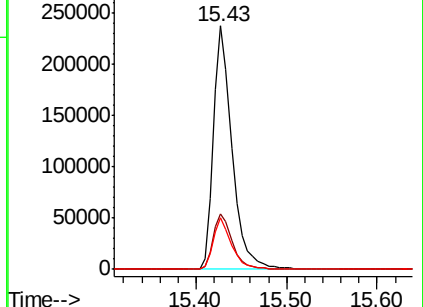
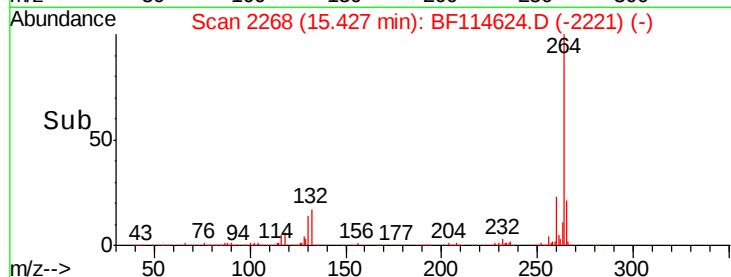
265 21.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.640 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

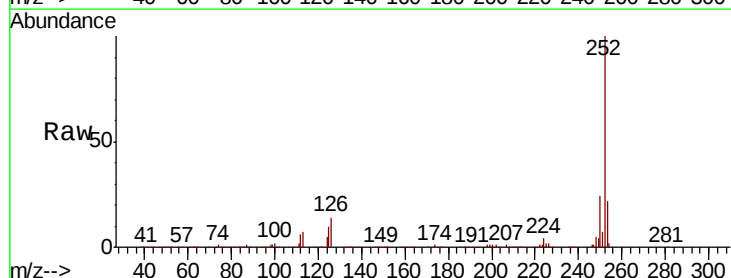
Tgt Ion:252 Resp: 969316

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

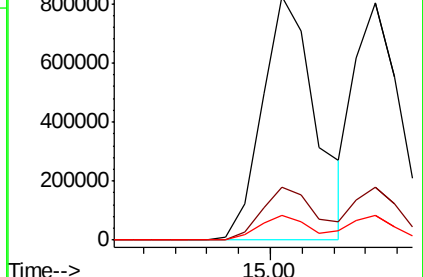
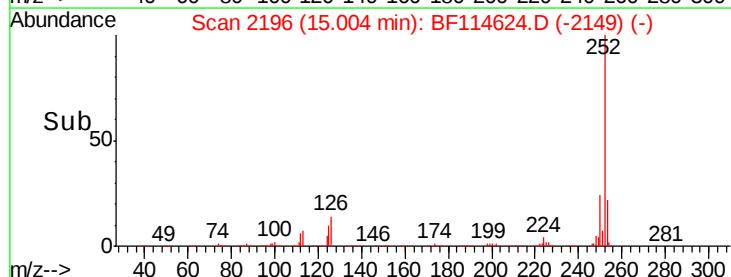
125 10.3 8.3 12.5

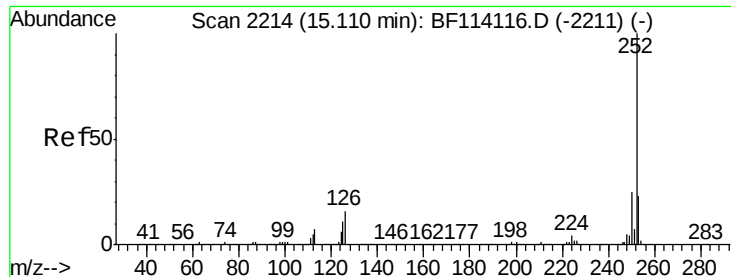


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

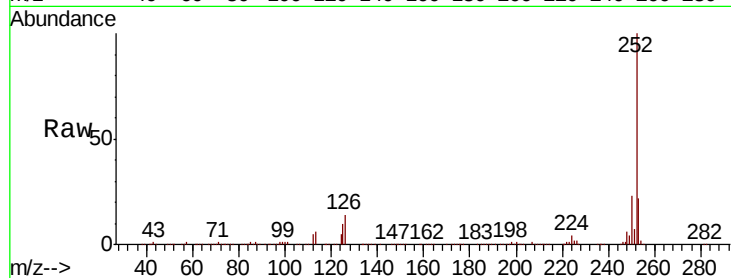




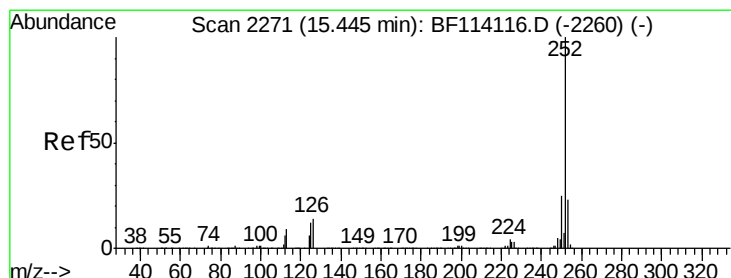
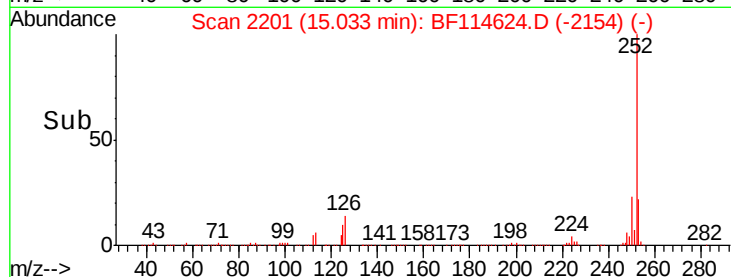
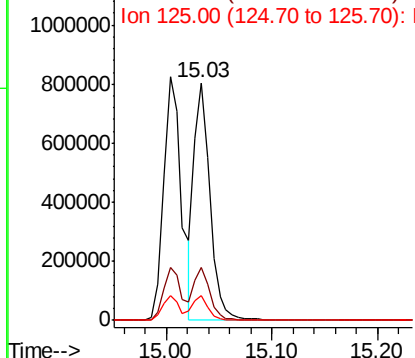
#89
Benzo(k)fluoranthene
Concen: 41.655 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 830869
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.2 8.6 13.0

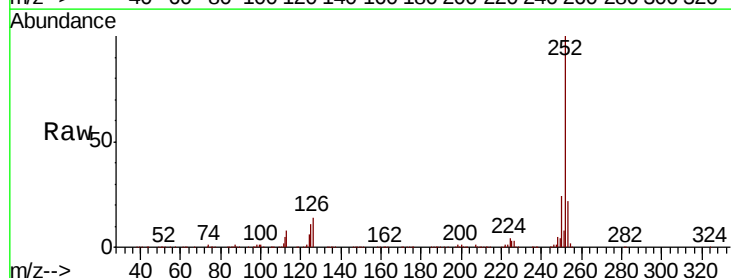


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

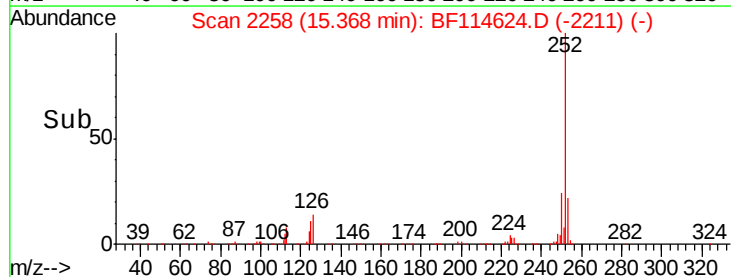
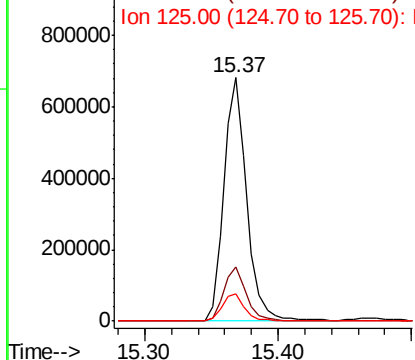


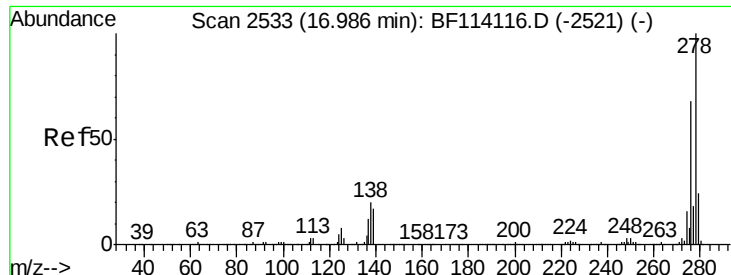
#90
Benzo(a)pyrene
Concen: 42.852 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114624.D
Acq: 26 May 2019 1:30

Tgt Ion:252 Resp: 818903
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.0 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.916 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

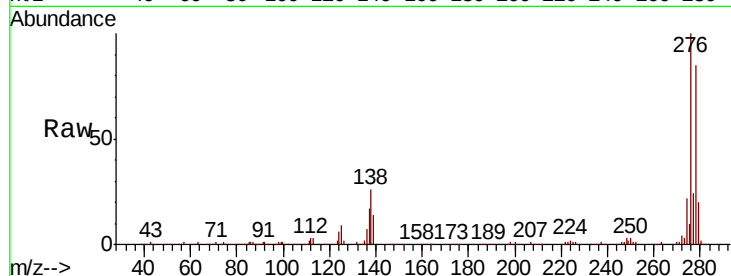
Tot Ion:278 Resp: 729129

Ion Ratio Lower Upper

278 100

139 15.9 13.5 20.3

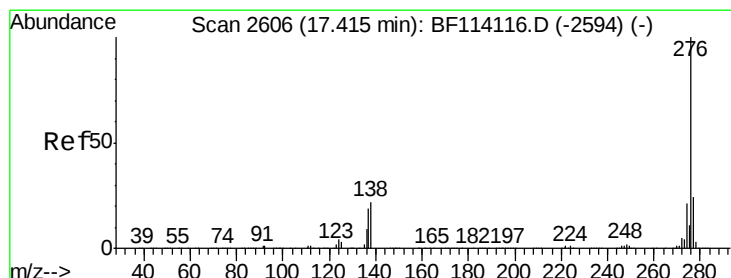
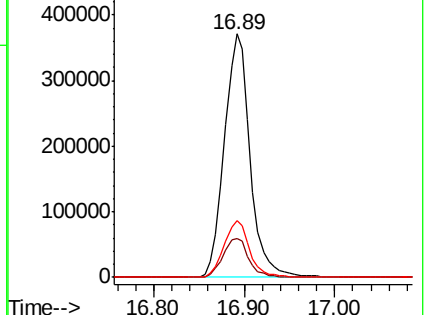
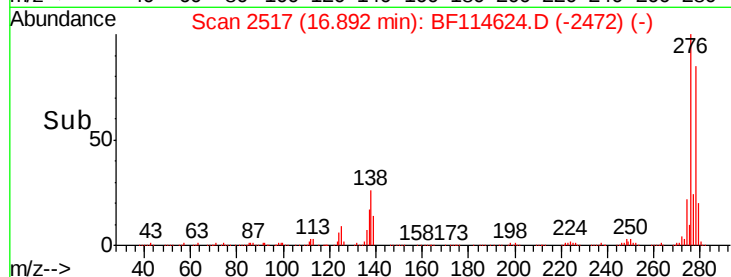
279 23.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.012 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114624.D

Acq: 26 May 2019 1:30

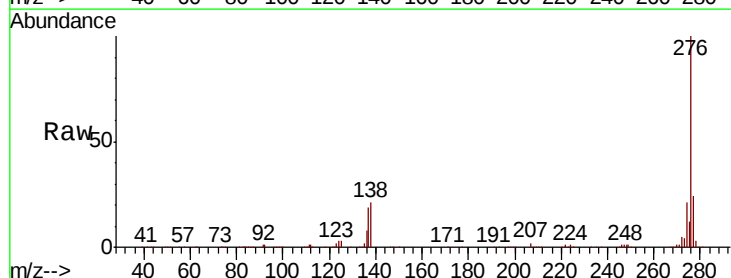
Tgt Ion:276 Resp: 748141

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.8 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

