

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114622.D
 Acq On : 25 May 2019 23:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:49:26 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	147166	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	587219	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	283419	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	577364	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	396660	20.00	ng	-0.02
87) Perylene-d12	15.43	264	387185	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	746887	81.67	ng	-0.02
7) Phenol-d6	6.45	99	916618	84.75	ng	-0.01
23) Nitrobenzene-d5	7.37	82	866960	82.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	233985	79.86	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1540517	82.22	ng	-0.02
79) Terphenyl-d14	12.90	244	1634815	84.96	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	171293	34.078	ng	99
3) Pyridine	3.25	79	456489	32.961	ng	99
4) n-Nitrosodimethylamine	3.21	42	240479	36.008	ng	96
6) Aniline	6.47	93	640578	41.000	ng	# 82
8) 2-Chlorophenol	6.59	128	422170	43.243	ng	95
9) Benzaldehyde	6.36	77	258902	34.192	ng	98
10) Phenol	6.46	94	530884	41.724	ng	# 72
11) bis(2-Chloroethyl)ether	6.53	93	403599	41.782	ng	99
12) 1,3-Dichlorobenzene	6.74	146	461132	42.079	ng	98
13) 1,4-Dichlorobenzene	6.82	146	477524	43.243	ng	99
14) 1,2-Dichlorobenzene	6.97	146	438711	43.485	ng	98
15) Benzyl Alcohol	6.95	79	335401	39.759	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	732531	39.111	ng	59
17) 2-Methylphenol	7.07	107	324412	40.452	ng	# 92
18) Hexachloroethane	7.31	117	172849	41.700	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	279074	40.707	ng	98
20) 3+4-Methylphenols	7.22	107	424318	45.794	ng	# 86
22) Acetophenone	7.22	105	558660	42.945	ng	# 90
24) Nitrobenzene	7.39	77	447570	41.997	ng	98
25) Isophorone	7.63	82	795907	41.014	ng	99
26) 2-Nitrophenol	7.70	139	224992	43.514	ng	95
27) 2,4-Dimethylphenol	7.75	122	329772	40.609	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	518678	41.193	ng	99
29) 2,4-Dichlorophenol	7.96	162	347328	42.953	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	381855	41.528	ng	99
31) Naphthalene	8.10	128	1190750	43.411	ng	98
32) Benzoic acid	7.90	122	173574	32.613	ng	96
33) 4-Chloroaniline	8.16	127	540881	43.272	ng	97
34) Hexachlorobutadiene	8.22	225	218942	41.847	ng	99
35) Caprolactam	8.54	113	124925	47.379	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	376031	46.198	ng	98
37) 2-Methylnaphthalene	8.80	142	780101	44.080	ng	97
38) 1-Methylnaphthalene	8.90	142	730373	43.824	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	360462	41.986	ng	99

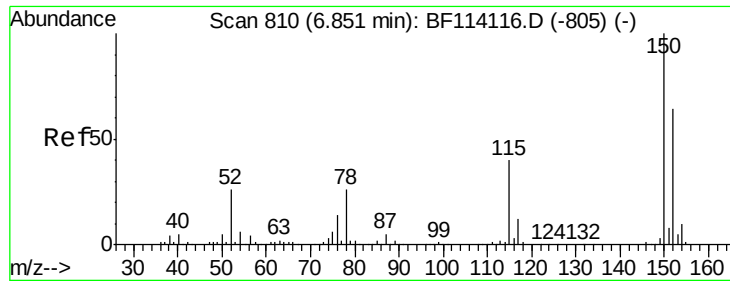
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114622.D
 Acq On : 25 May 2019 23:19
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:49:26 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	123522	33.537	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	230753	39.076	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	235233	38.842	nq	95
46) 1,1'-Biphenyl	9.26	154	987241	43.118	nq	97
47) 2-Chloronaphthalene	9.29	162	771148	41.849	nq	99
48) 2-Nitroaniline	9.39	65	284136	43.479	nq	97
49) Acenaphthylene	9.70	152	1186179	42.324	nq	99
50) Dimethylphthalate	9.56	163	896049	43.068	nq	99
51) 2,6-Dinitrotoluene	9.63	165	197823	42.868	nq	87
52) Acenaphthene	9.87	154	710310	41.302	nq	99
53) 3-Nitroaniline	9.80	138	244271	42.642	nq	99
54) 2,4-Dinitrophenol	9.93	184	83589	39.731	nq	95
55) Dibenzofuran	10.05	168	1021094	40.490	nq	99
56) 4-Nitrophenol	9.99	139	132119	32.613	nq	94
57) 2,4-Dinitrotoluene	10.05	165	249273	39.798	nq	# 80
58) Fluorene	10.39	166	857315	44.012	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	194604	37.241	nq	97
60) Diethylphthalate	10.26	149	898127	42.485	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	411446	43.006	nq	97
62) 4-Nitroaniline	10.42	138	241957	40.196	nq	96
63) Azobenzene	10.54	77	846657	41.377	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	119534	43.086	nq	99
66) n-Nitrosodiphenylamine	10.50	169	750597	42.835	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	261022	41.060	nq	96
68) Hexachlorobenzene	10.95	284	293187	41.690	nq	93
69) Atrazine	11.02	200	225606	41.372	nq	97
70) Pentachlorophenol	11.15	266	98114	29.431	nq	97
71) Phenanthrene	11.35	178	1235641	43.989	nq	98
72) Anthracene	11.40	178	1248550	44.254	nq	99
73) Carbazole	11.56	167	1195177	44.424	nq	98
74) Di-n-butylphthalate	11.88	149	1377630	44.446	nq	100
75) Fluoranthene	12.54	202	1313884	43.436	nq	98
77) Benzidine	12.66	184	605250	33.992	nq	97
78) Pyrene	12.77	202	1336280	41.877	nq	99
80) Butylbenzylphthalate	13.37	149	587704	43.757	nq	100
81) Benzo(a)anthracene	13.96	228	1130007	44.045	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	437130	43.921	nq	99
83) Chrysene	14.00	228	1093221	43.468	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	781531	44.491	nq	100
85) Di-n-octyl phthalate	14.54	149	1252551	43.987	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1010565	45.466	nq	99
88) Benzo(b)fluoranthene	15.00	252	1078250	43.469	nq	100
89) Benzo(k)fluoranthene	15.03	252	950257	41.703	nq	99
90) Benzo(a)pyrene	15.37	252	921319	42.203	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	817263	45.052	nq	100
92) Benzo(g,h,i)perylene	17.33	276	836780	46.029	nq	98

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

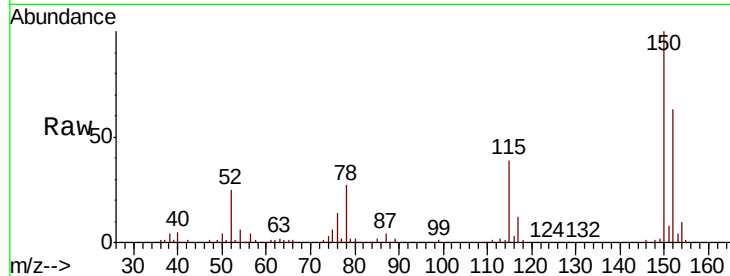


#1

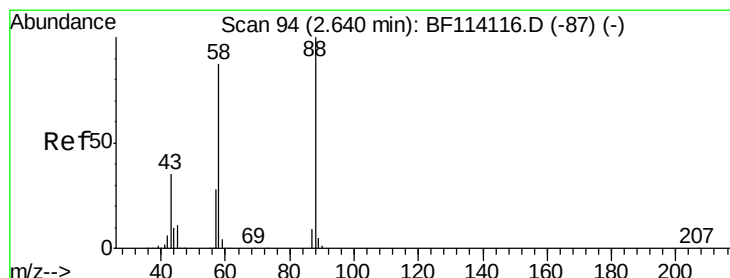
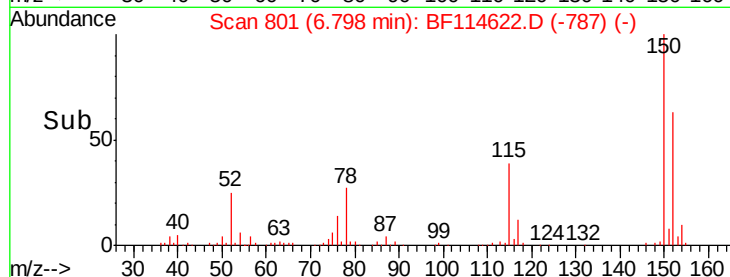
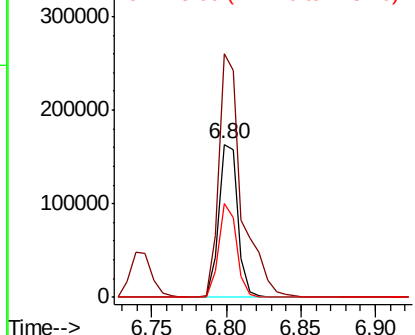
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147166
Ion Ratio Lower Upper
152 100
150 159.1 124.3 186.5
115 61.5 49.1 73.7



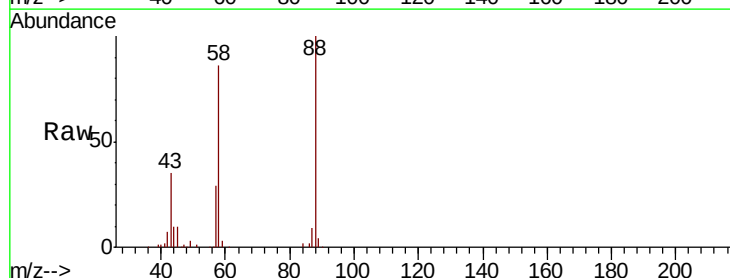
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



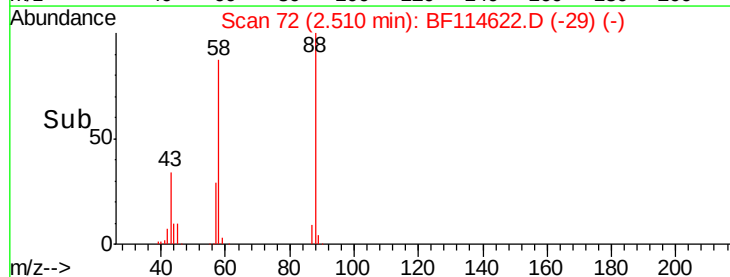
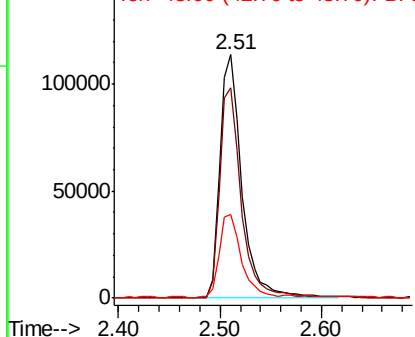
#2

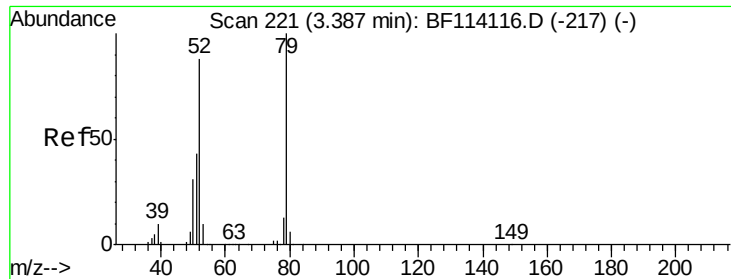
1,4-Dioxane
Concen: 34.078 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.05 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion: 88 Resp: 171293
Ion Ratio Lower Upper
88 100
58 84.9 68.7 103.1
43 34.4 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.961 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

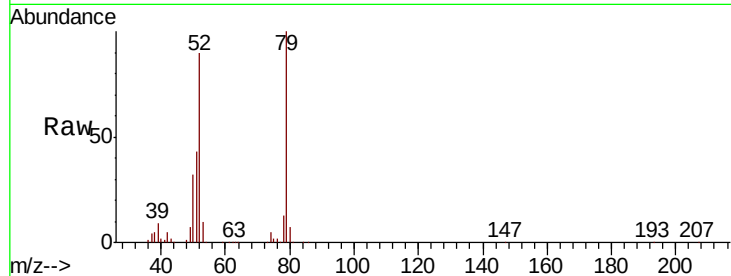
Tot Ion: 79 Resp: 456489

Ion Ratio Lower Upper

79 100

52 89.8 70.6 105.8

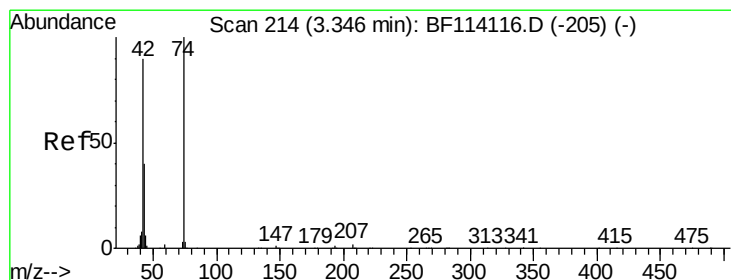
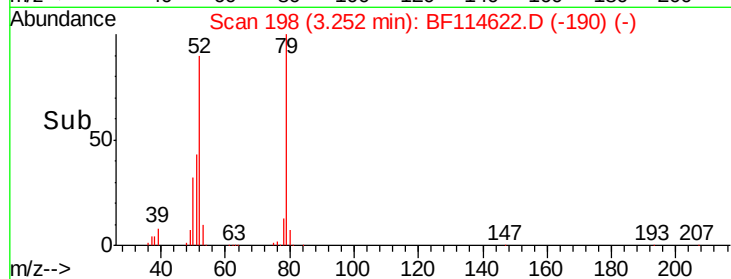
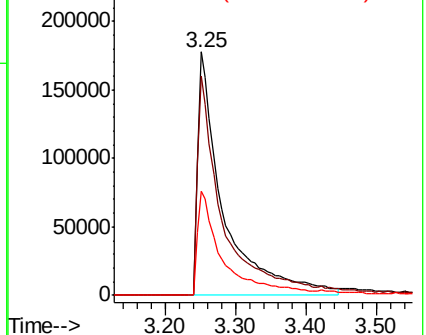
51 42.8 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.008 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.05 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

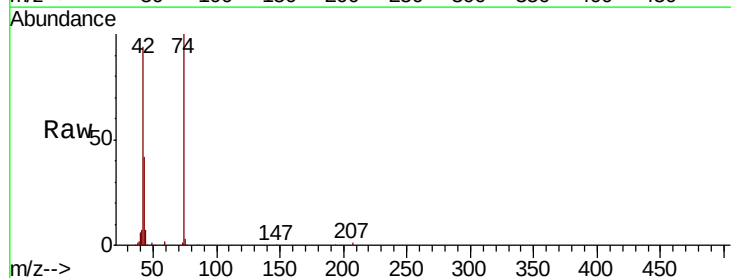
Tgt Ion: 42 Resp: 240479

Ion Ratio Lower Upper

42 100

74 106.4 88.6 132.8

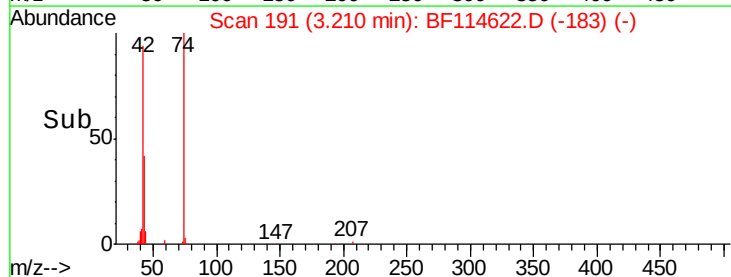
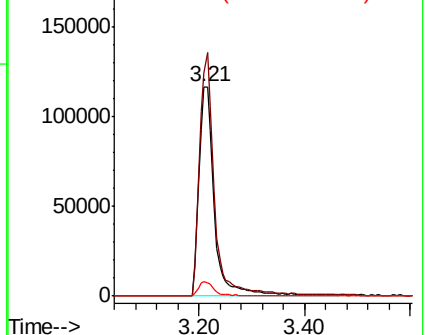
44 6.9 5.5 8.3

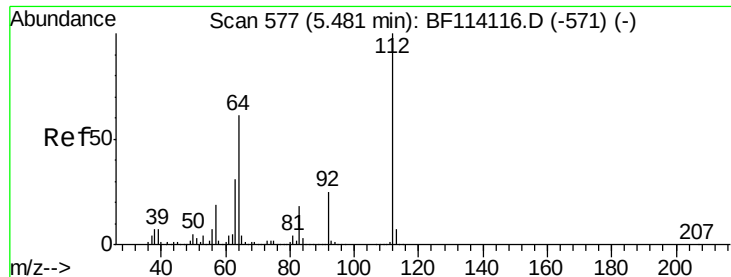


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.672 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

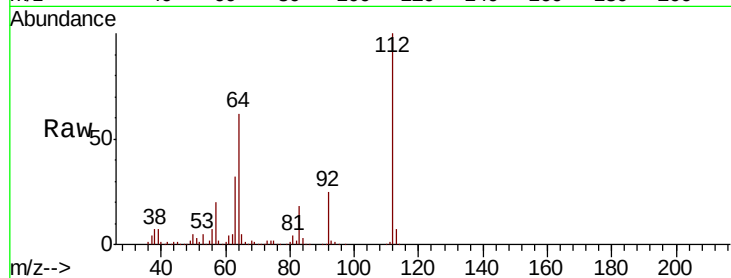
Tot Ion:112 Resp: 746887

Ion Ratio Lower Upper

112 100

64 61.6 49.0 73.6

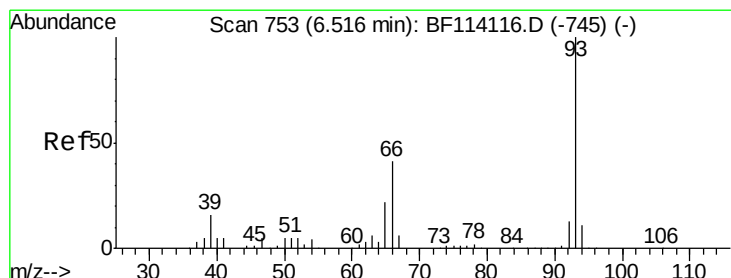
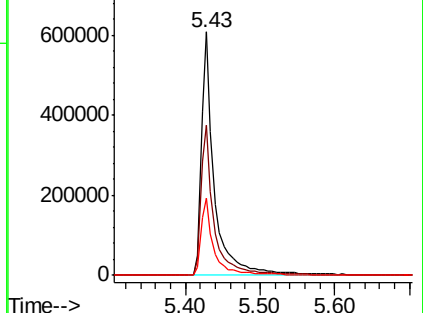
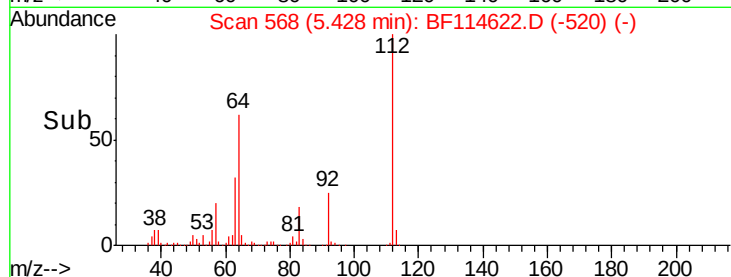
63 31.7 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.000 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

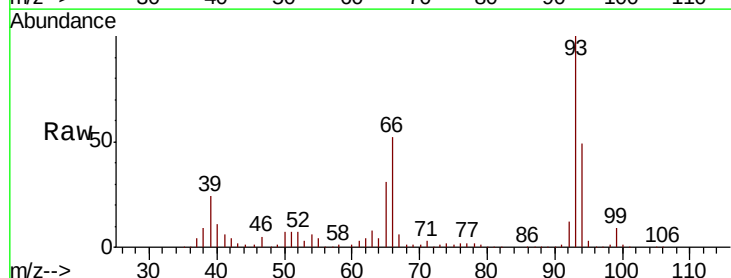
Tgt Ion: 93 Resp: 640578

Ion Ratio Lower Upper

93 100

66 52.2 33.2 49.8#

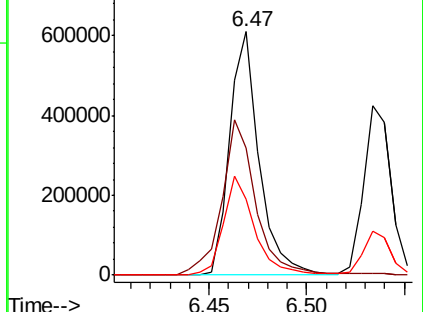
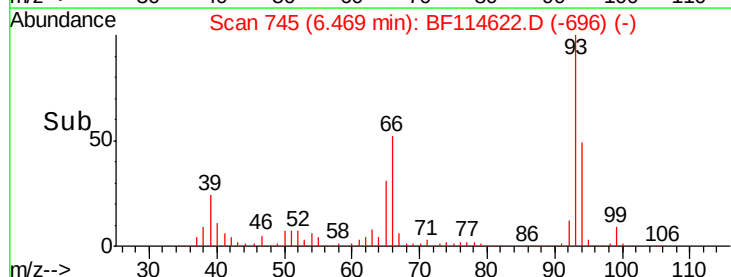
65 31.0 17.6 26.4#

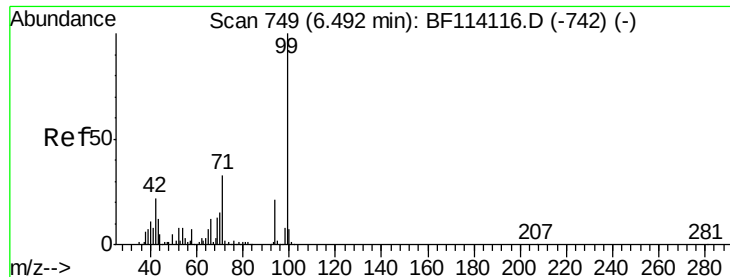


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.746 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampled :

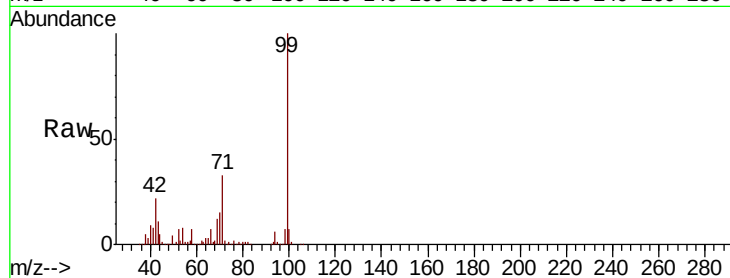
Tot Ion: 99 Resp: 916618

Ion Ratio Lower Upper

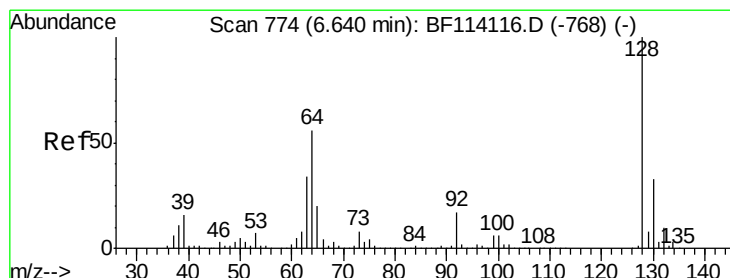
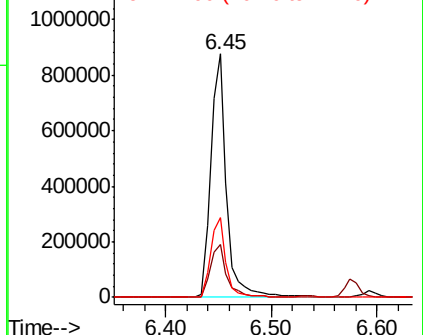
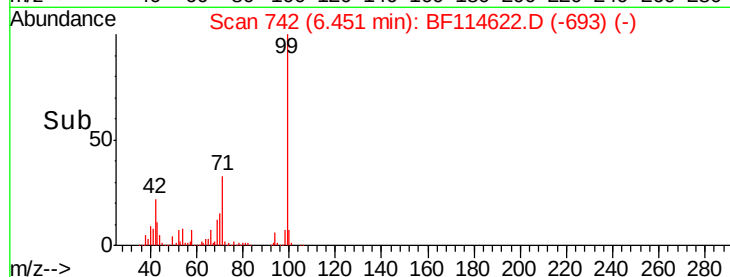
99 100

42 21.9 17.9 26.9

71 33.0 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: 43.243 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

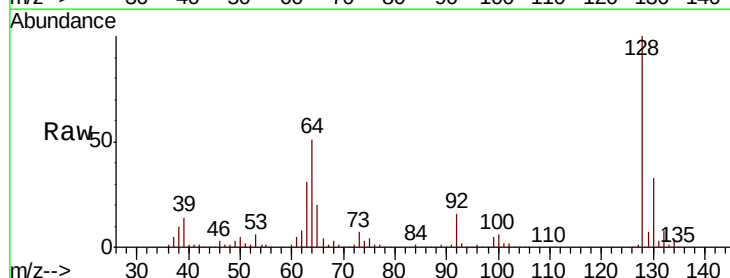
Tgt Ion: 128 Resp: 422170

Ion Ratio Lower Upper

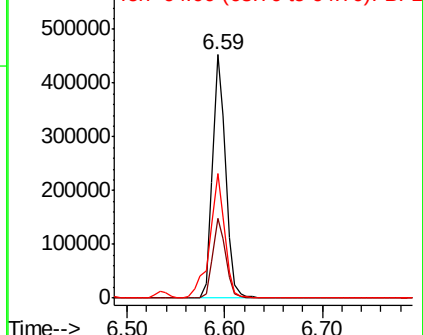
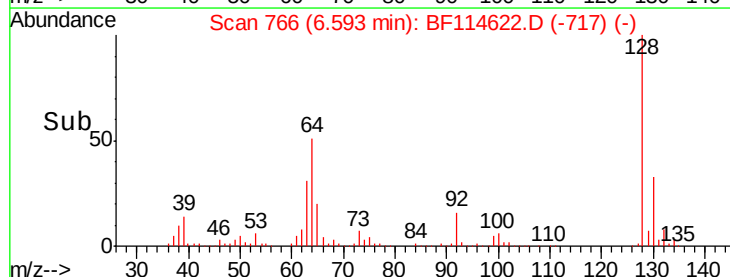
128 100

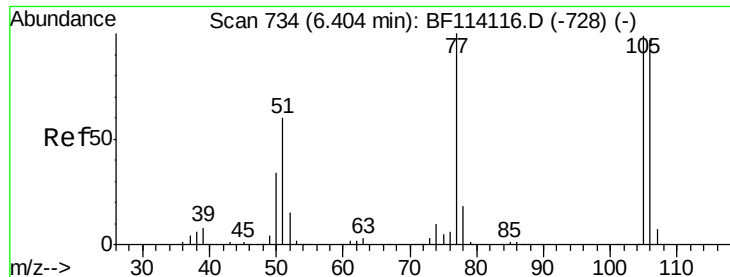
130 33.0 12.6 52.6

64 50.9 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: 34.192 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampled :

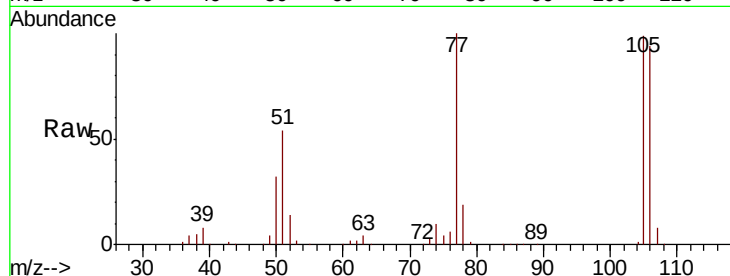
Tot Ion: 77 Resp: 258902

Ion Ratio Lower Upper

77 100

105 98.6 79.3 119.3

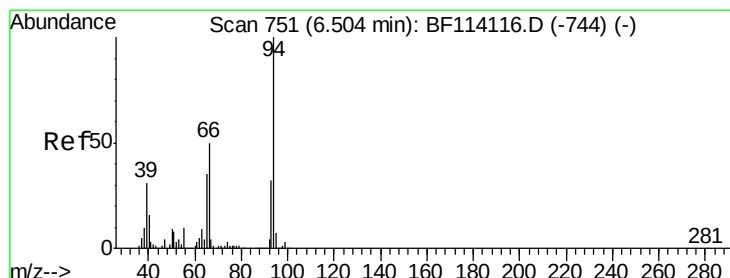
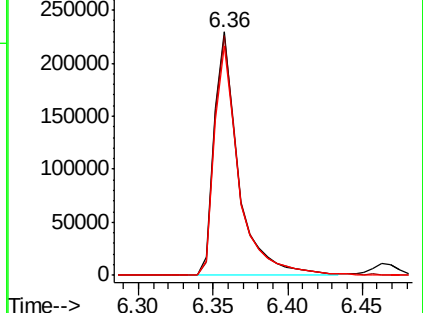
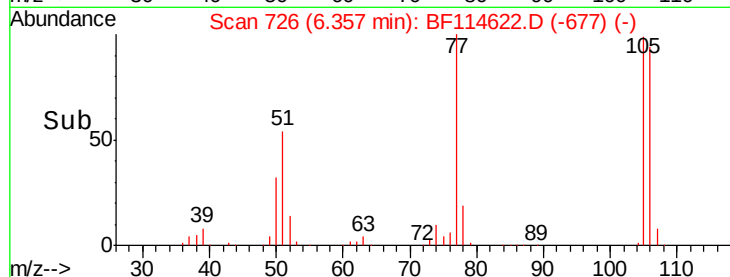
106 94.5 77.0 117.0



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: 41.724 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

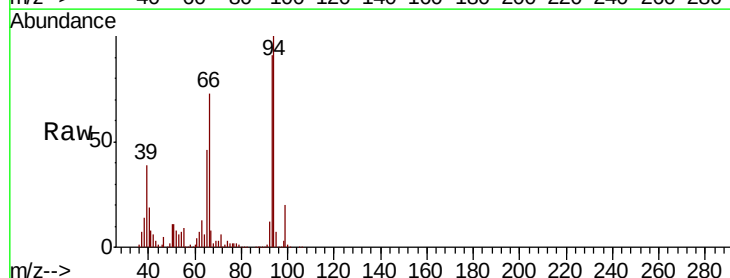
Tgt Ion: 94 Resp: 530884

Ion Ratio Lower Upper

94 100

65 46.4 14.7 54.7

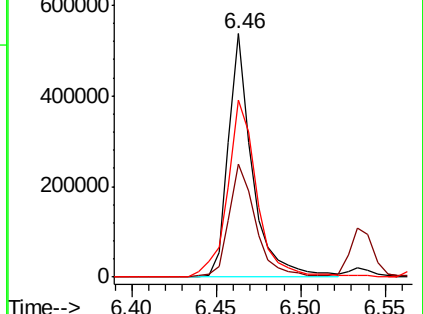
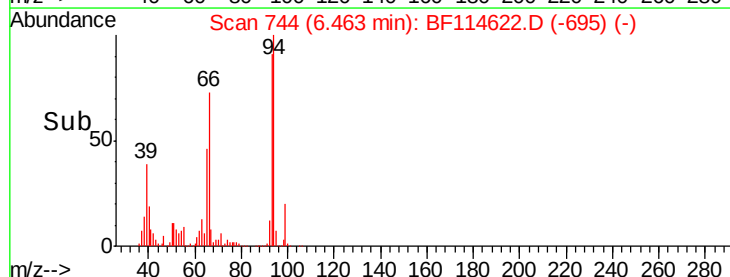
66 72.6 29.6 69.6#

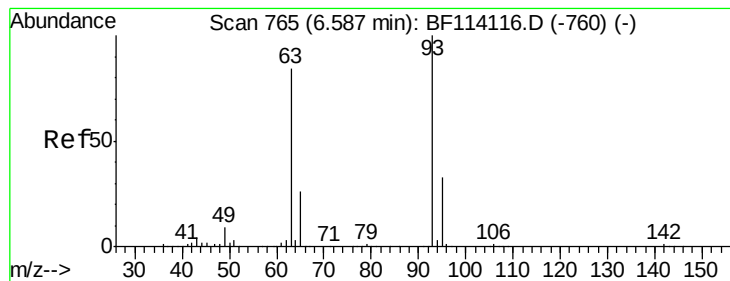


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.782 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

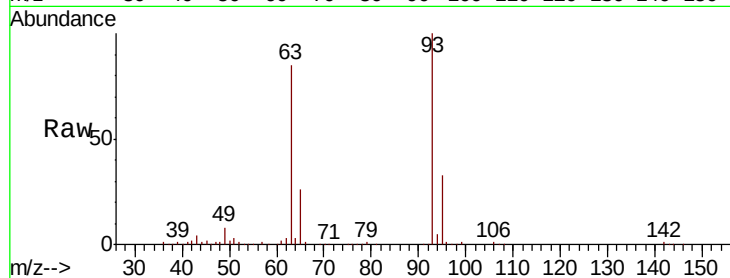
Tot Ion: 93 Resp: 403599

Ion Ratio Lower Upper

93 100

63 84.8 63.6 103.6

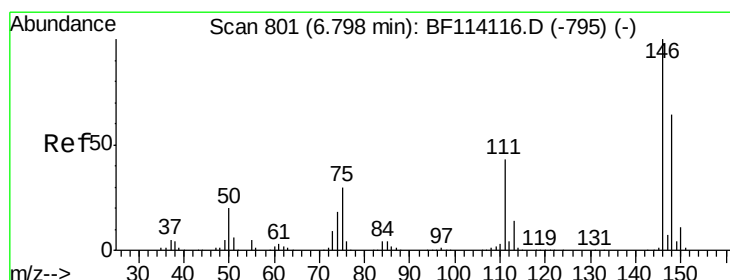
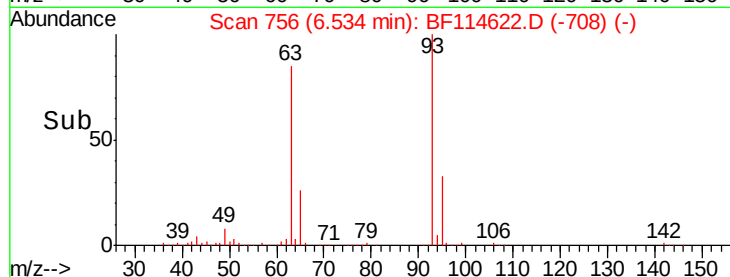
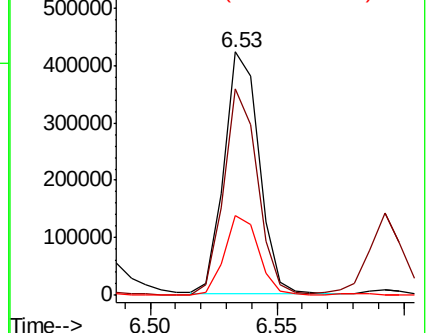
95 32.6 13.1 53.1



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: 42.079 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

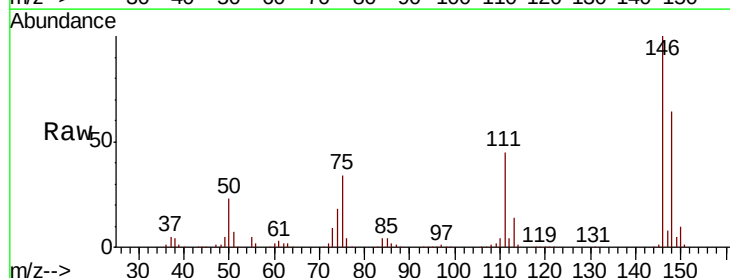
Tgt Ion: 146 Resp: 461132

Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

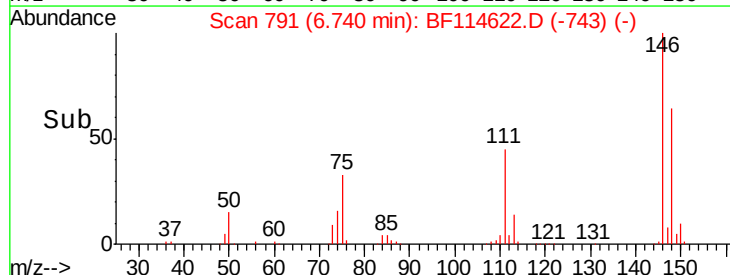
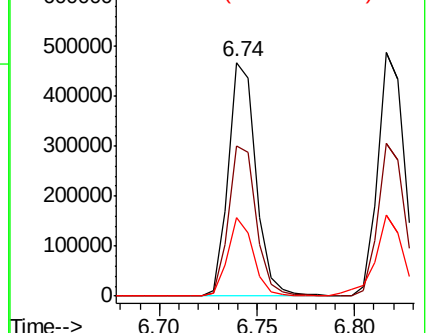
75 33.7 24.2 36.2

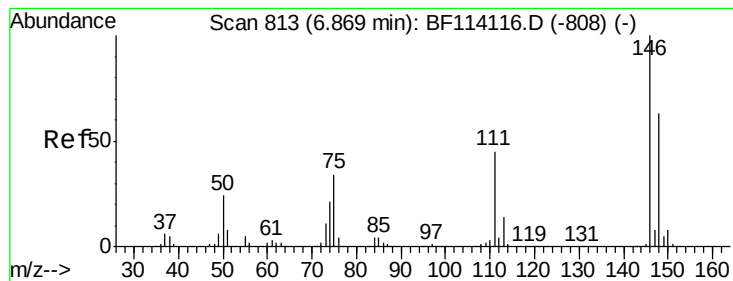


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.243 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampled :

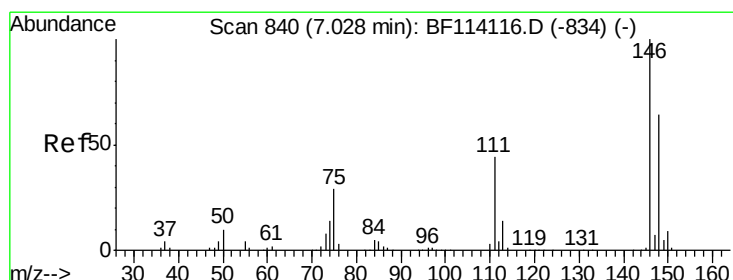
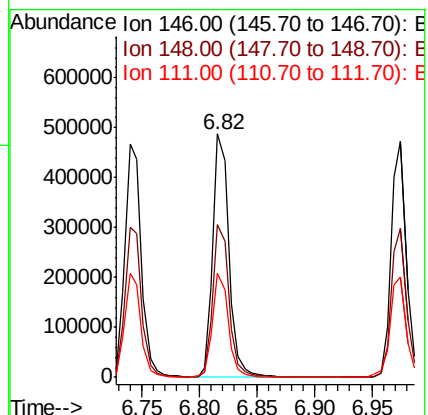
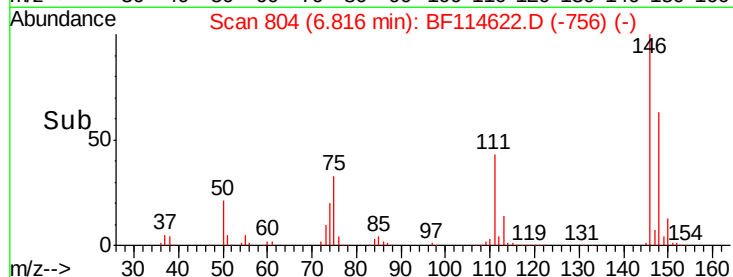
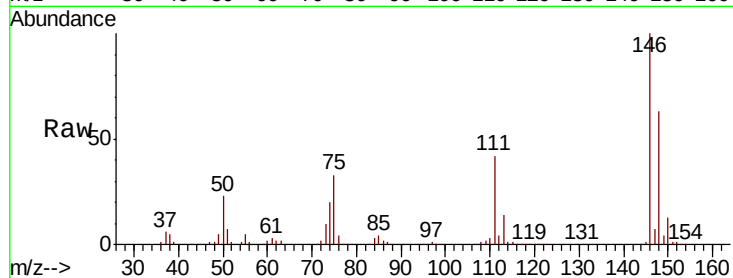
Tot Ion:146 Resp: 477524

Ion Ratio Lower Upper

146 100

148 62.6 50.2 75.2

111 42.5 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 43.485 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

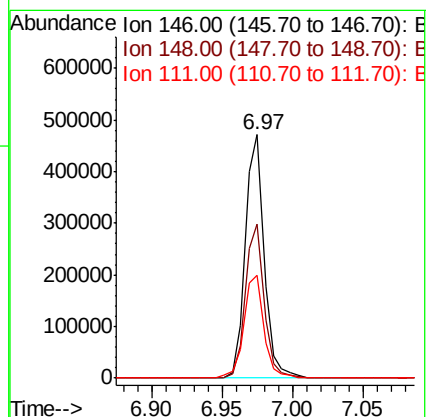
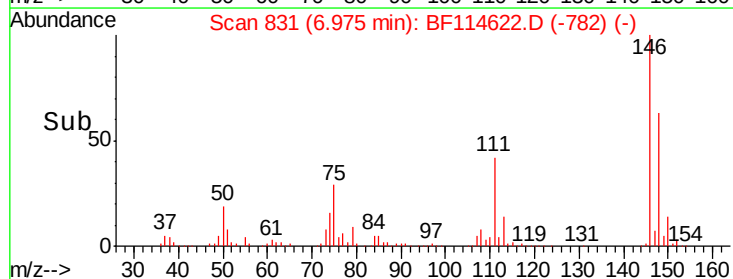
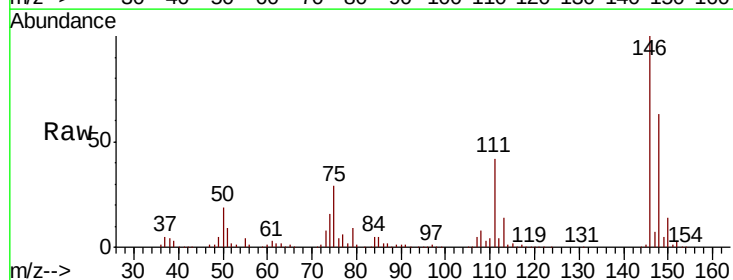
Tgt Ion:146 Resp: 438711

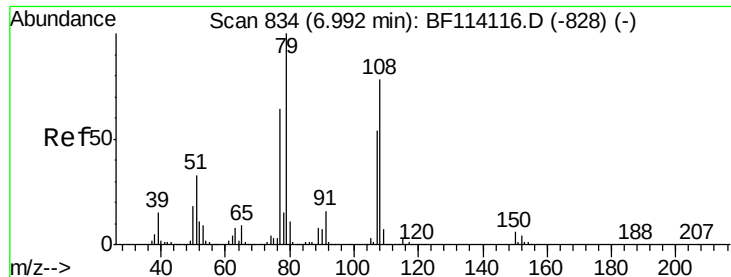
Ion Ratio Lower Upper

146 100

148 63.2 51.1 76.7

111 42.4 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.759 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampled :

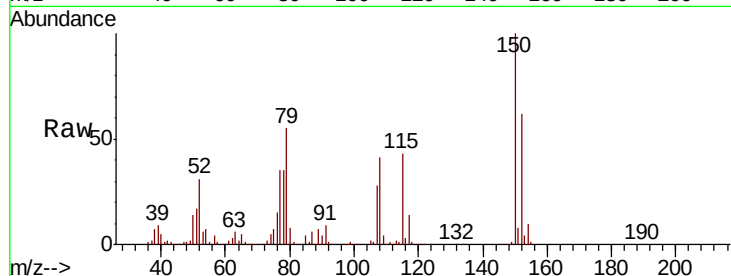
Tot Ion: 79 Resp: 335401

Ion Ratio Lower Upper

79 100

108 74.4 62.1 93.1

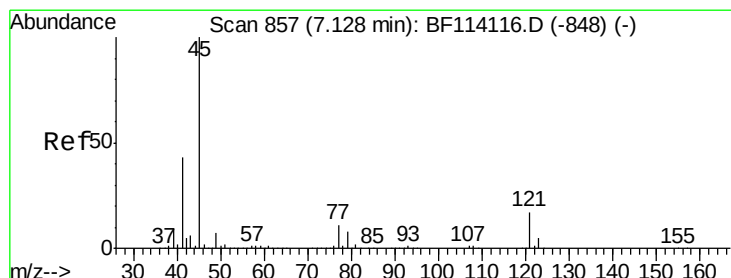
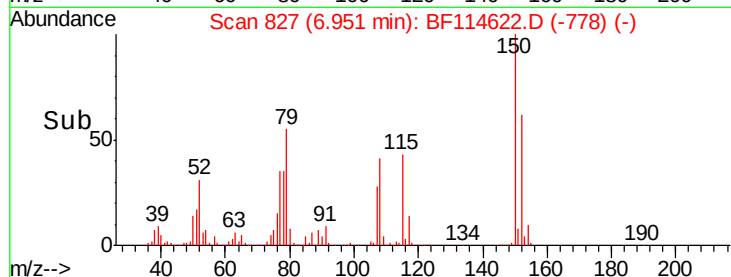
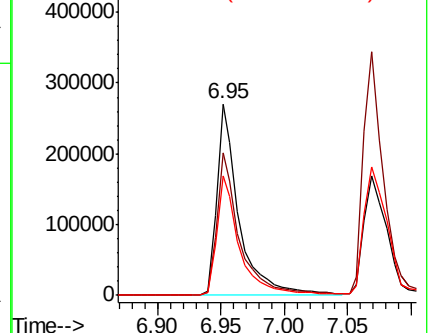
77 62.7 51.0 76.6



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: 39.111 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

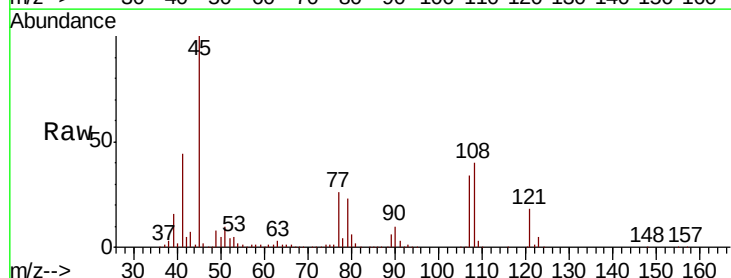
Tgt Ion: 45 Resp: 732531

Ion Ratio Lower Upper

45 100

77 26.2 0.0 31.1

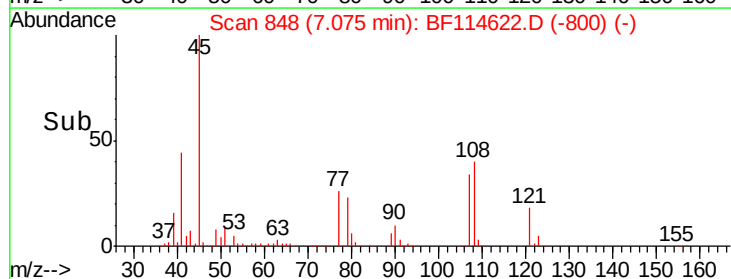
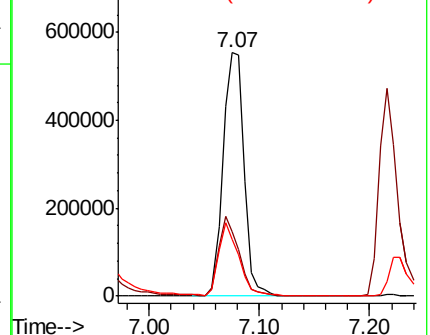
79 23.5 0.0 28.4

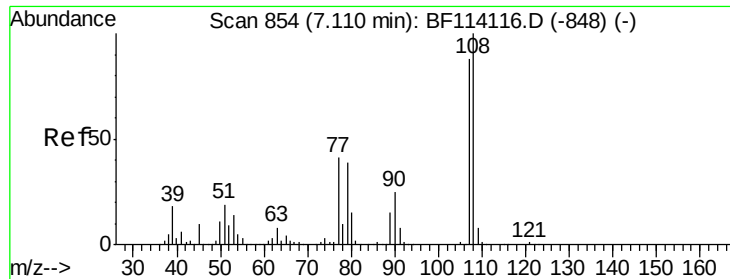


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

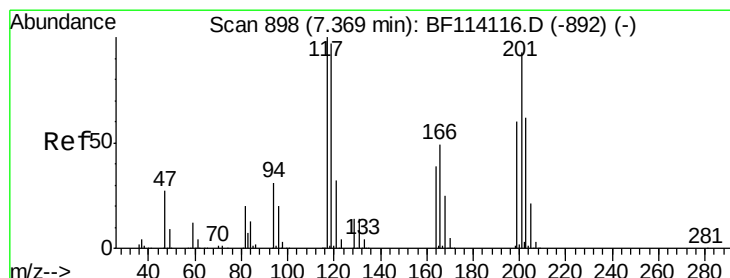
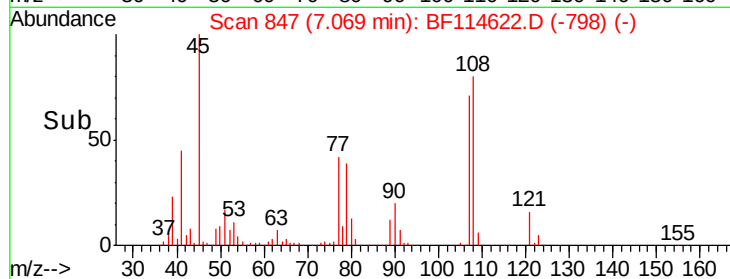
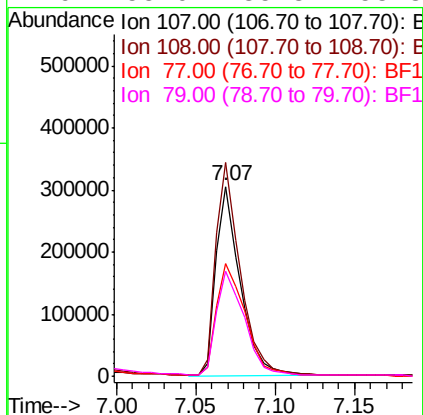
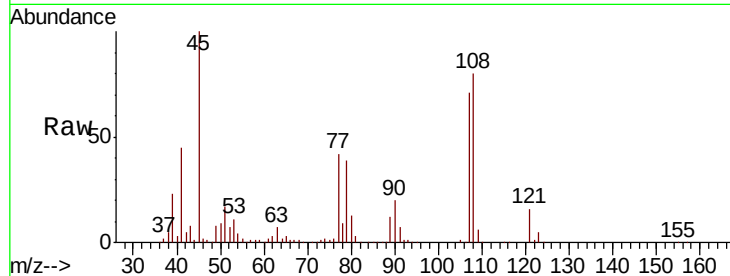




#17
2-Methylphenol
Concen: 40.452 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

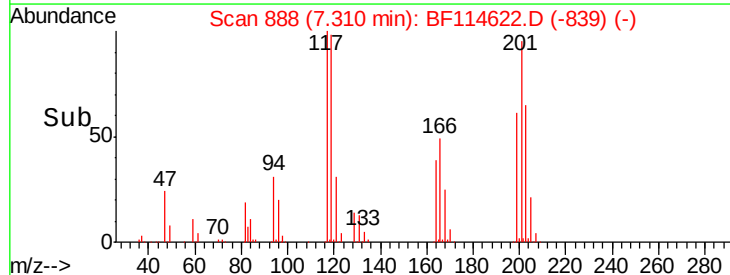
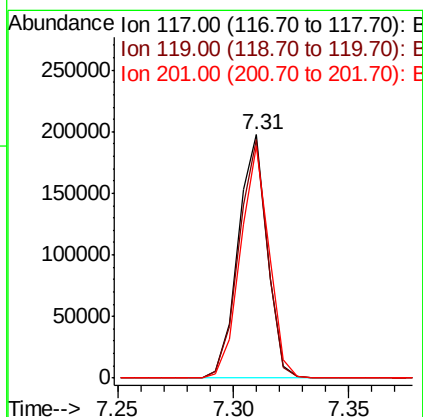
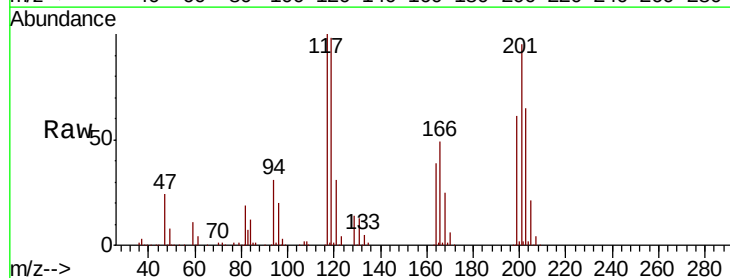
Instrument :
BNA_F
ClientSampled :

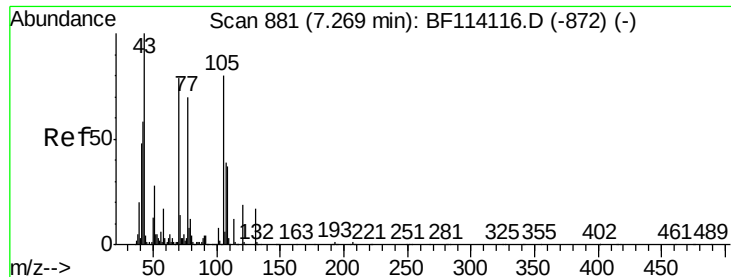
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.5	135.7
77	59.6	37.0	55.4
79	55.0	35.8	53.8



#18
Hexachloroethane
Concen: 41.700 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.4	116.2
201	95.4	74.5	111.7

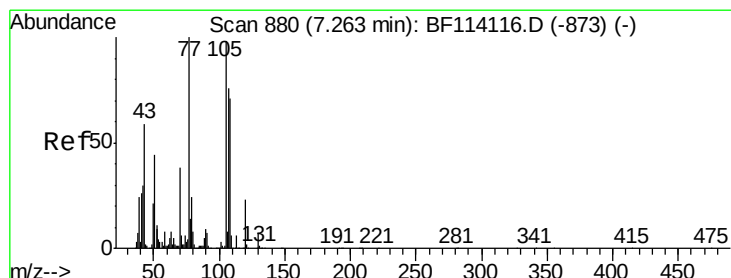
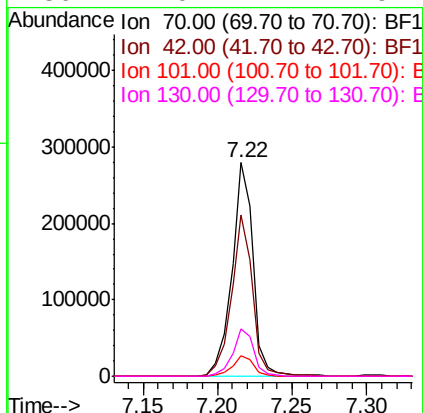
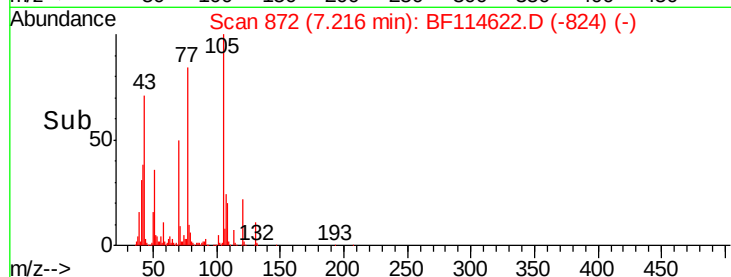
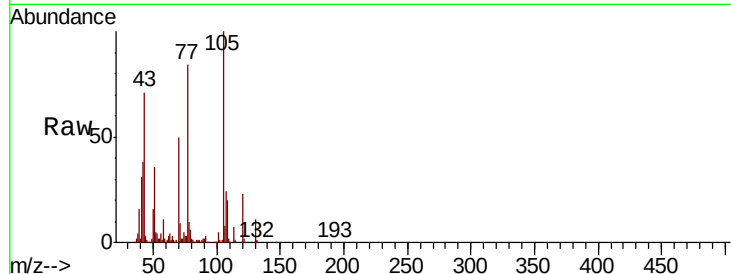




#19
n-Nitroso-di-n-propylamine
Concen: 40.707 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

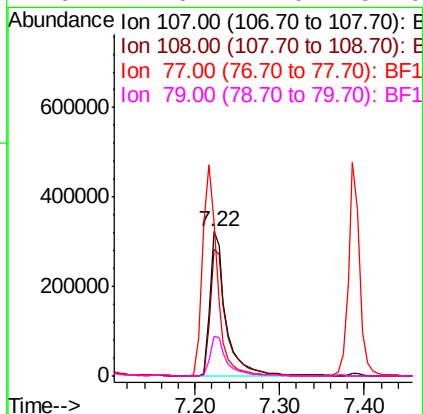
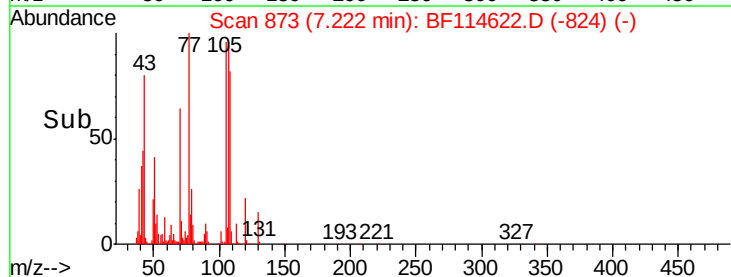
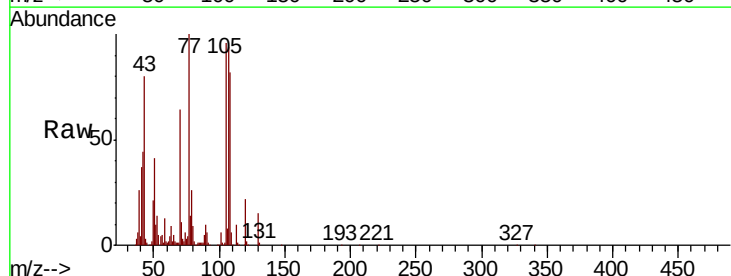
Instrument :
BNA_F
ClientSampleId :

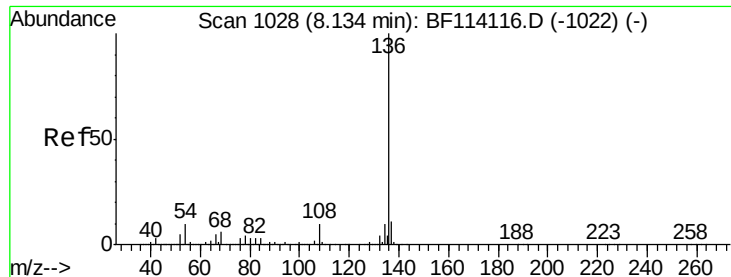
Tot Ion: 70 Resp: 279074
Ion Ratio Lower Upper
70 100
42 75.4 58.6 87.8
101 9.7 7.8 11.8
130 22.0 17.1 25.7



#20
3+4-Methylphenols
Concen: 45.794 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion:107 Resp: 424318
Ion Ratio Lower Upper
107 100
108 87.6 73.8 113.8
77 106.6 111.5 151.5#
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: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 587219

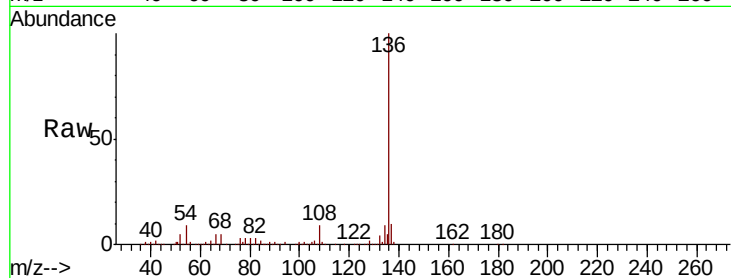
Ion Ratio Lower Upper

136 100

137 10.1 8.8 13.2

54 8.5 7.8 11.8

68 5.1 5.1 7.7

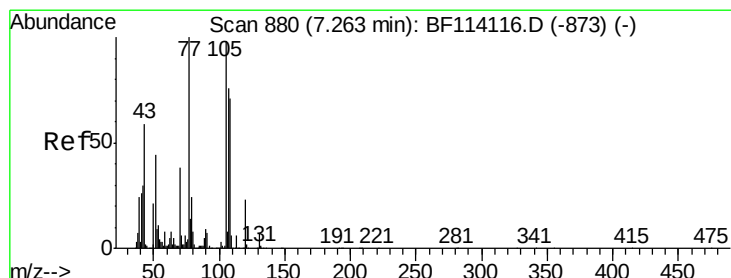
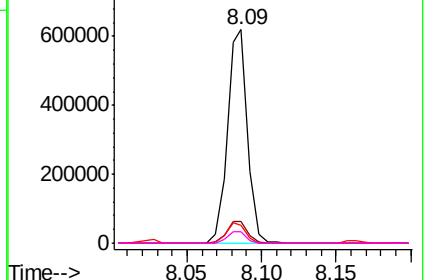
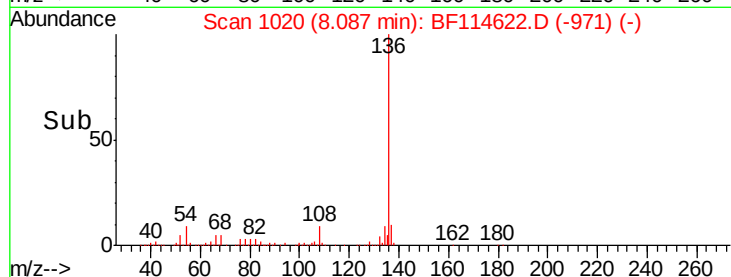


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.945 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Tgt Ion:105 Resp: 558660

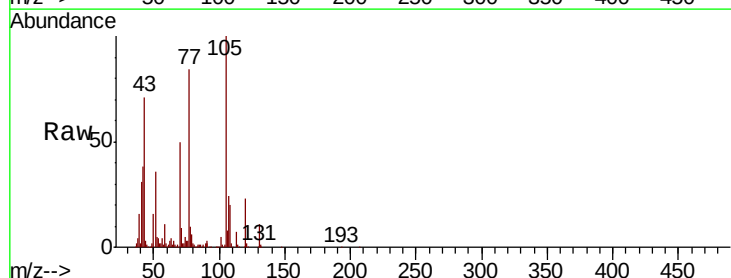
Ion Ratio Lower Upper

105 100

71 8.6 5.3 7.9#

51 35.9 36.2 54.4#

120 22.5 18.6 28.0

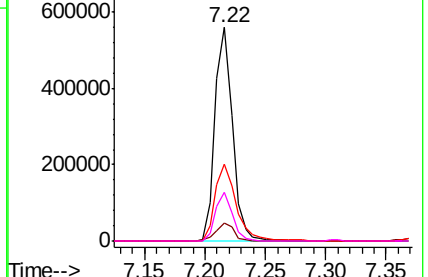
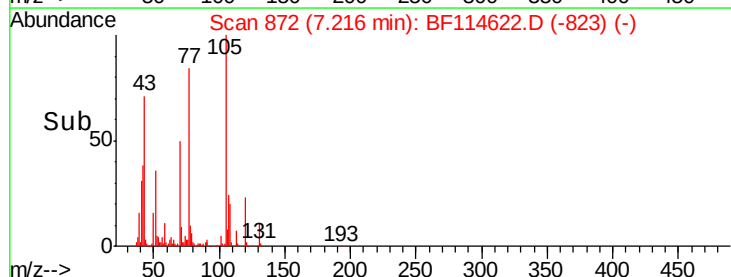


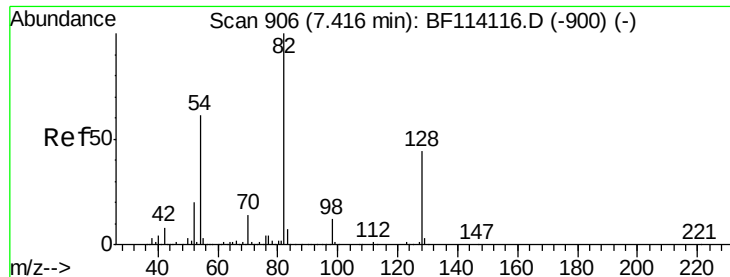
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

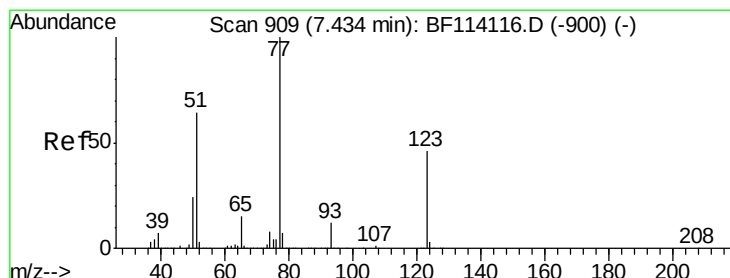
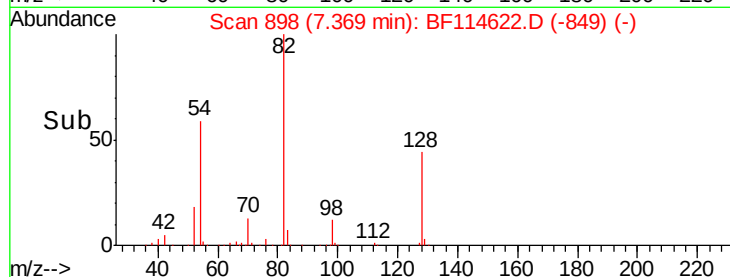
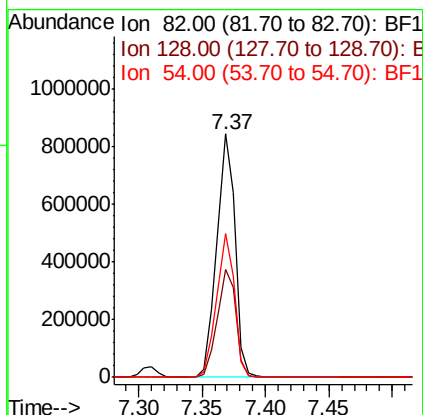
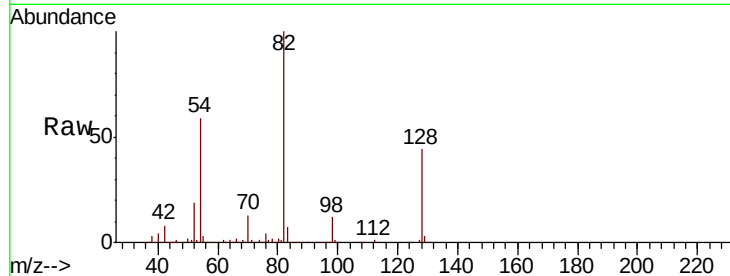




#23
Nitrobenzene-d5
Concen: 82.855 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

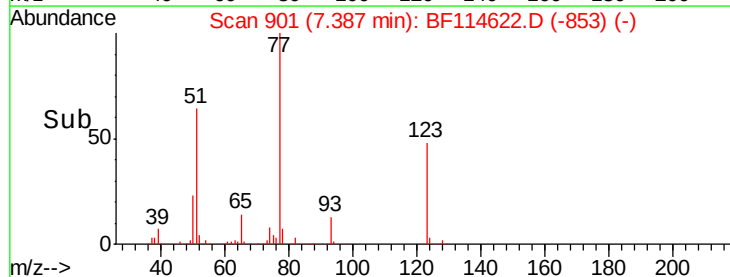
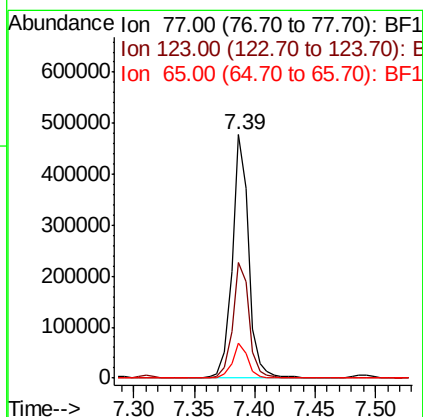
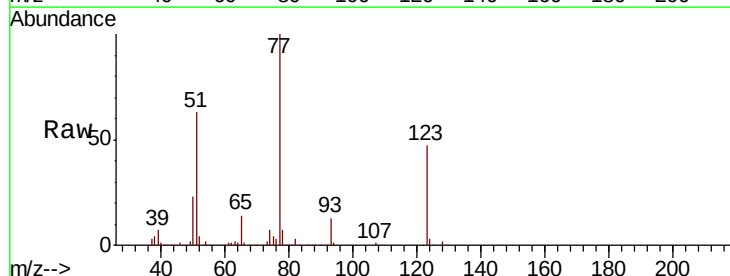
Instrument :
BNA_F
ClientSampled :

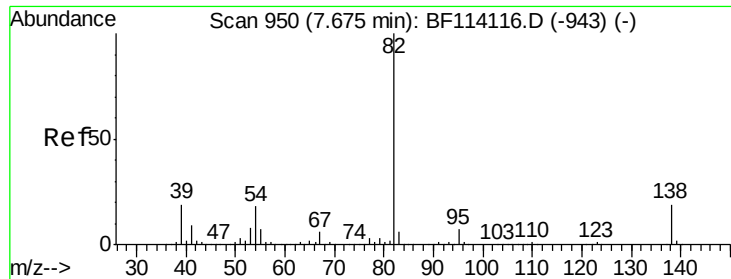
Tot Ion	82	Resp	866960
Ion Ratio	100	Lower	Upper
128	44.2	35.5	53.3
54	59.3	48.5	72.7



#24
Nitrobenzene
Concen: 41.997 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion	77	Resp	447570
Ion Ratio	100	Lower	Upper
123	47.4	36.9	55.3
65	14.1	11.8	17.6





#25

Isophorone

Concen: 41.014 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

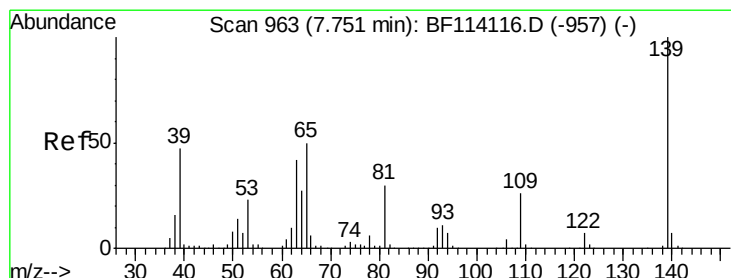
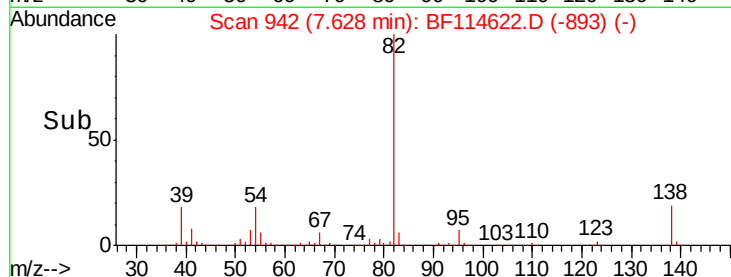
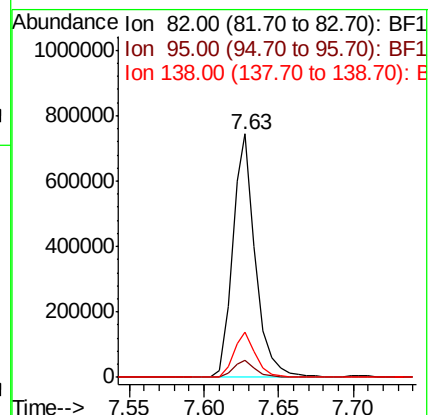
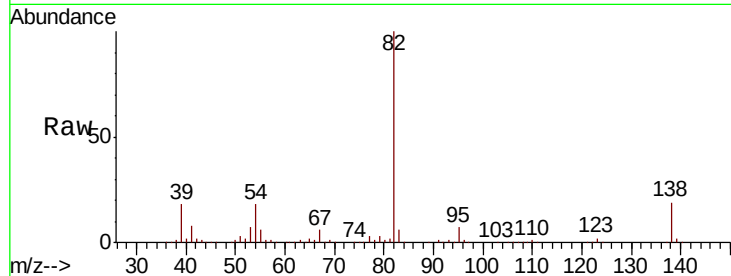
Tot Ion: 82 Resp: 795907

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 18.8 14.8 22.2



#26

2-Nitrophenol

Concen: 43.514 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

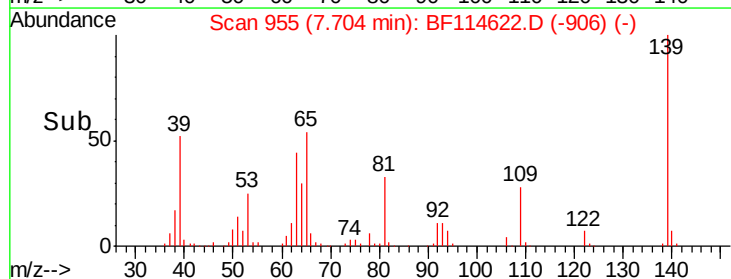
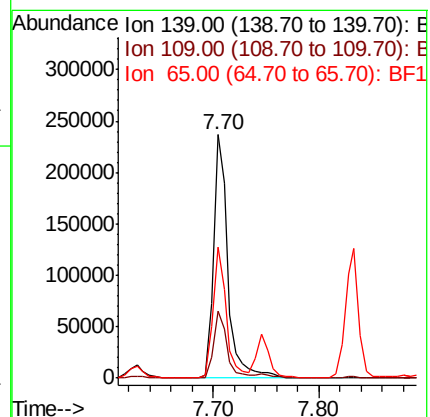
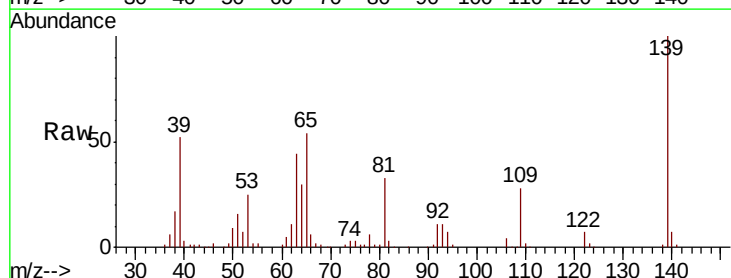
Tgt Ion: 139 Resp: 224992

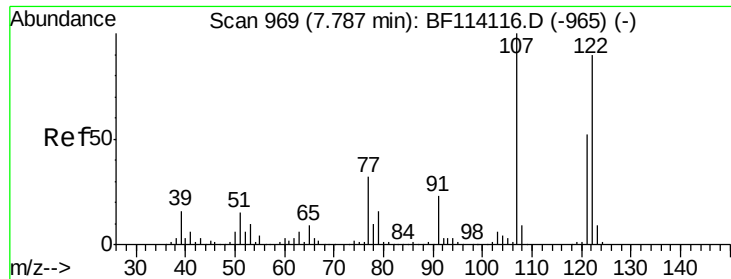
Ion Ratio Lower Upper

139 100

109 27.6 20.7 31.1

65 53.9 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 40.609 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampled :

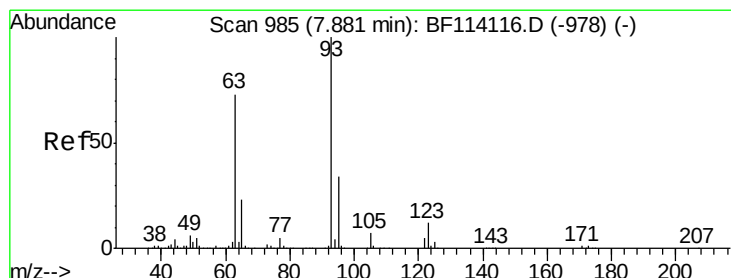
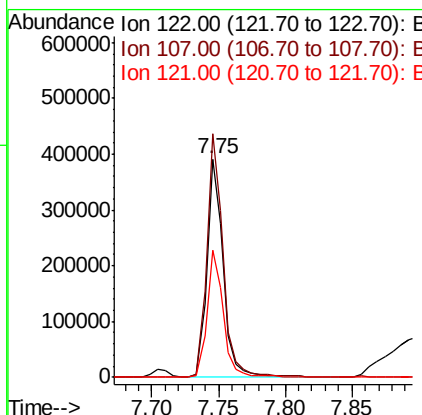
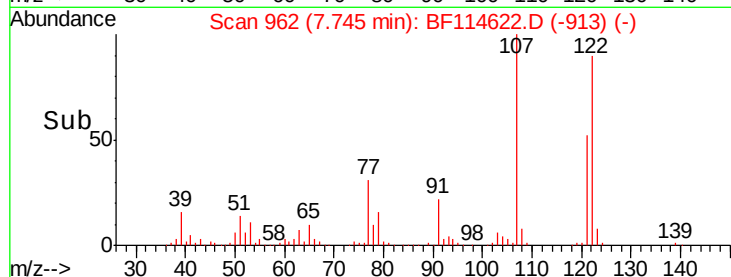
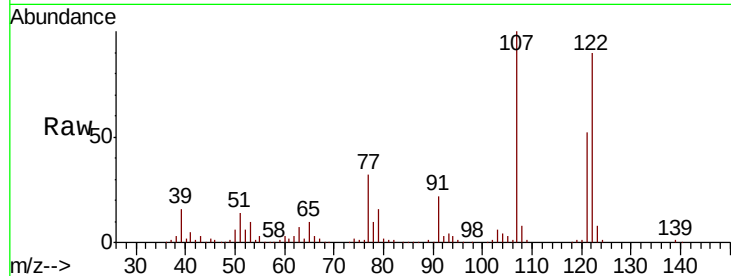
Tot Ion:122 Resp: 329772

Ion Ratio Lower Upper

122 100

107 111.4 88.4 132.6

121 58.4 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.193 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

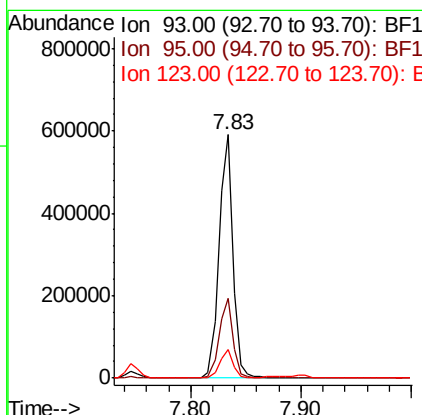
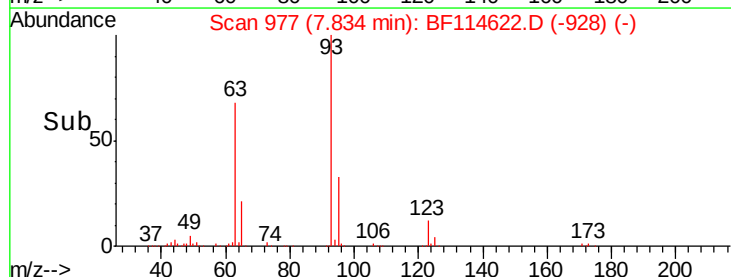
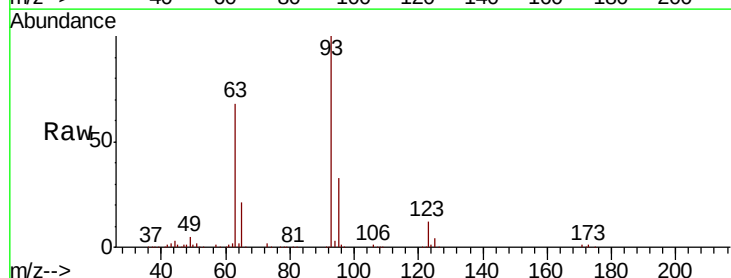
Tgt Ion: 93 Resp: 518678

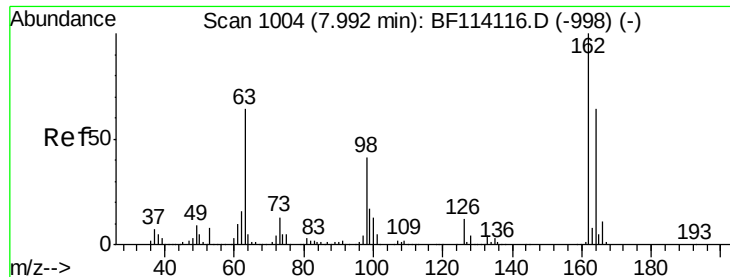
Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

123 11.7 9.5 14.3

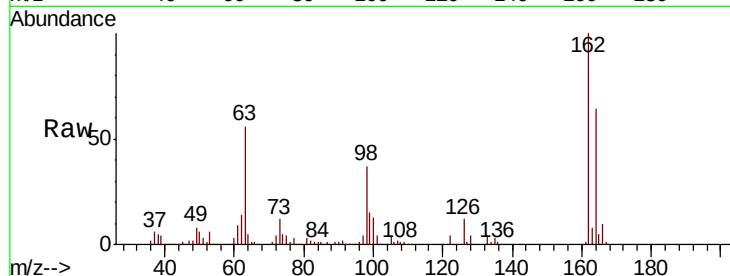




#29
 2,4-Dichlorophenol
 Concen: 42.953 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	37.4	20.6	60.6

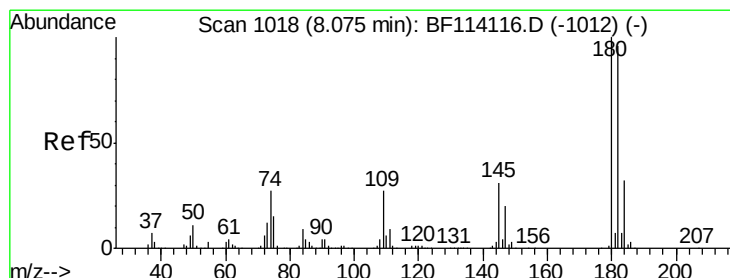
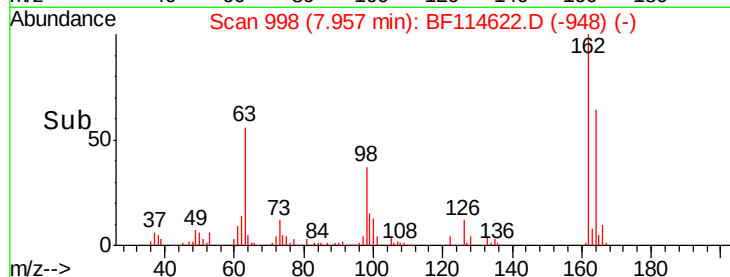
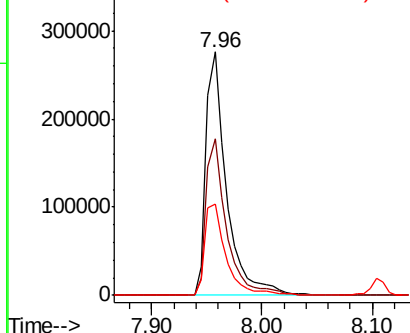


Abundance

Ion 162.00 (161.70 to 162.70): E

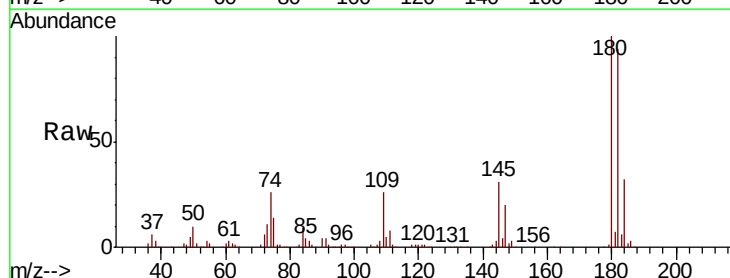
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.528 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	114.8
145	31.2	25.1	37.7

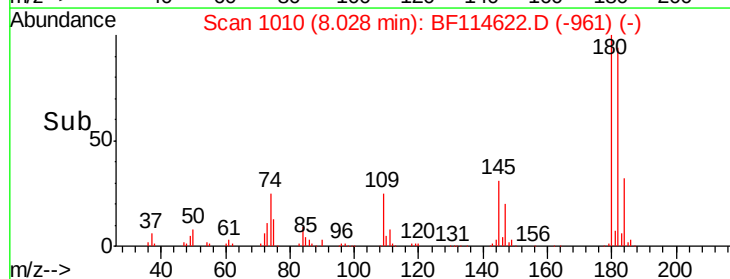
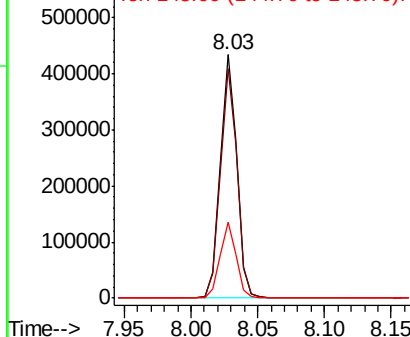


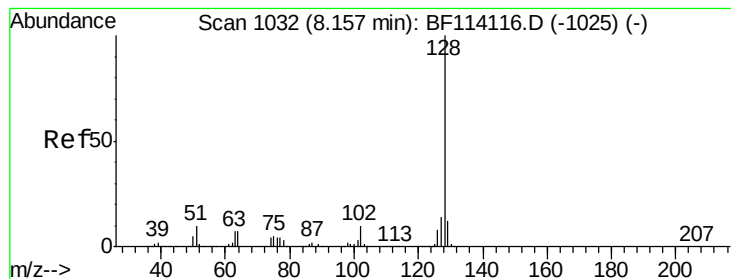
Abundance

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: 43.411 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

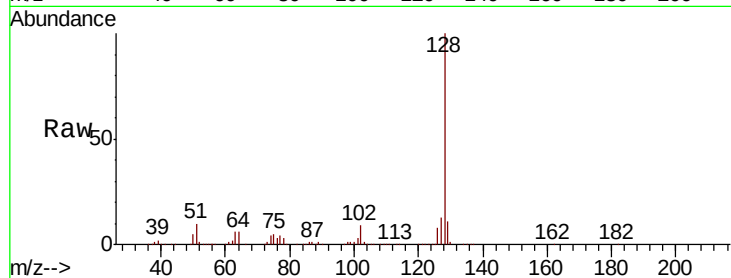
Tot Ion:128 Resp: 1190750

Ion Ratio Lower Upper

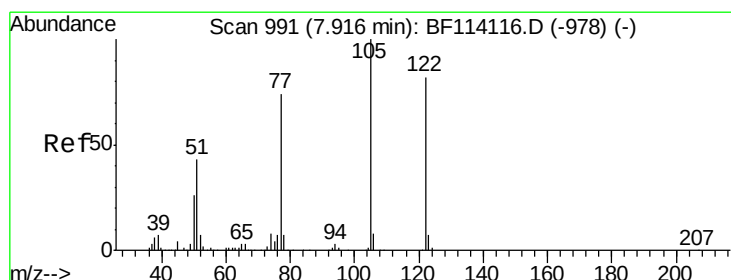
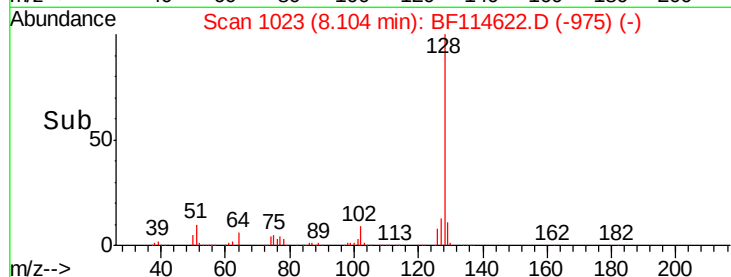
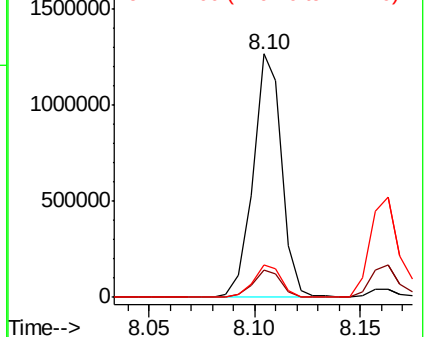
128 100

129 11.4 9.6 14.4

127 13.4 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: 32.613 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

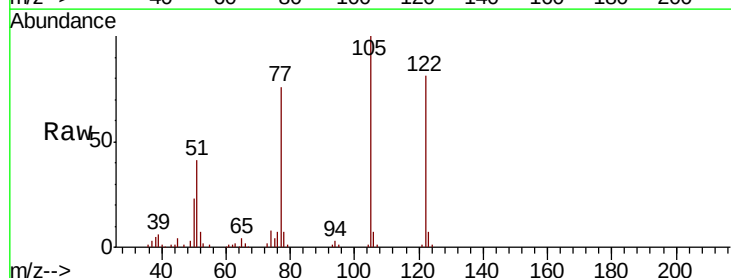
Tgt Ion:122 Resp: 173574

Ion Ratio Lower Upper

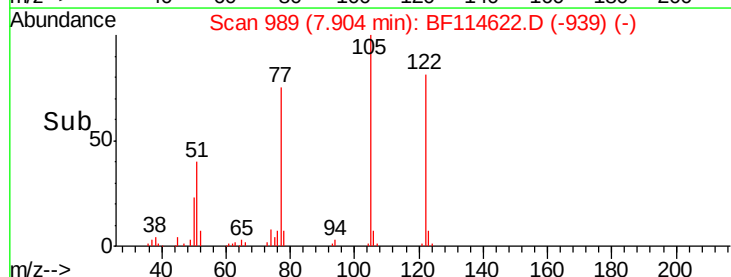
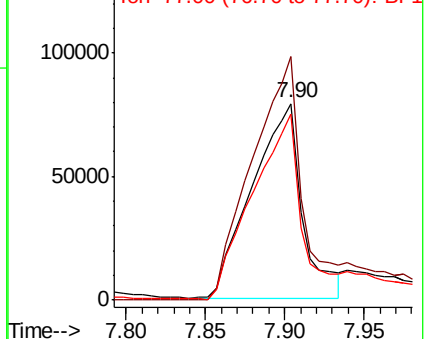
122 100

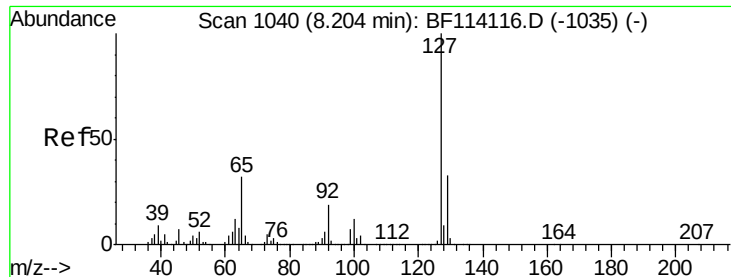
105 124.0 99.9 139.9

77 94.5 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

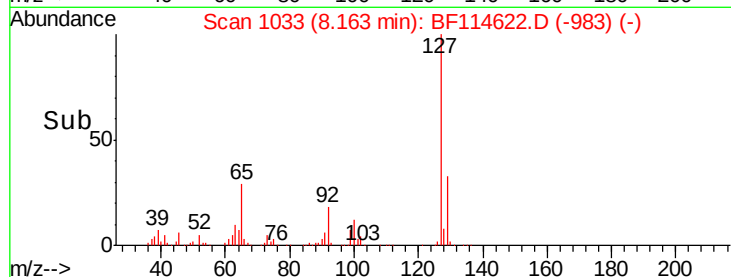
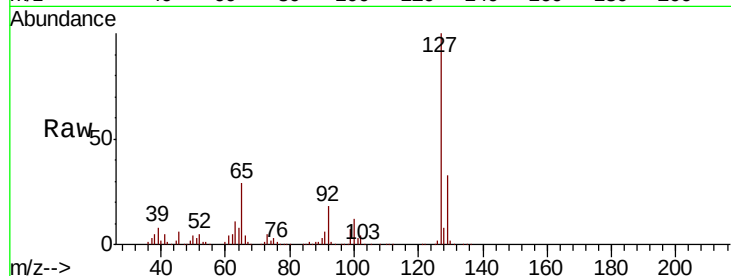




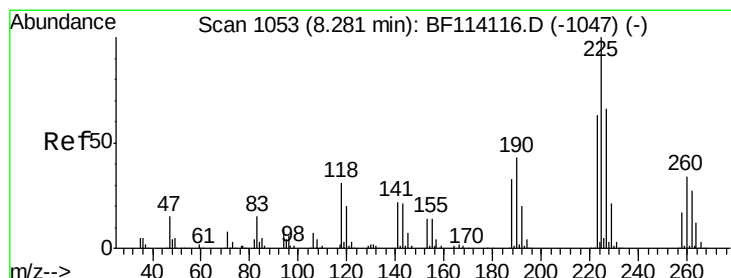
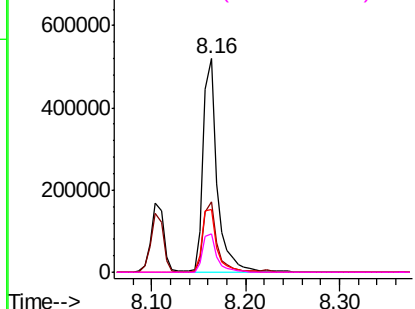
#33
4-Chloroaniline
Concen: 43.272 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	540881
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	29.2	25.4	38.0
92	18.1	15.4	23.2

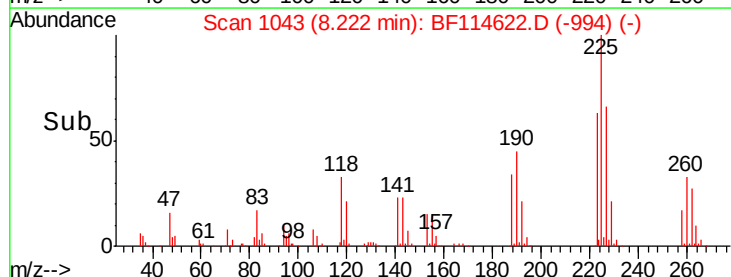
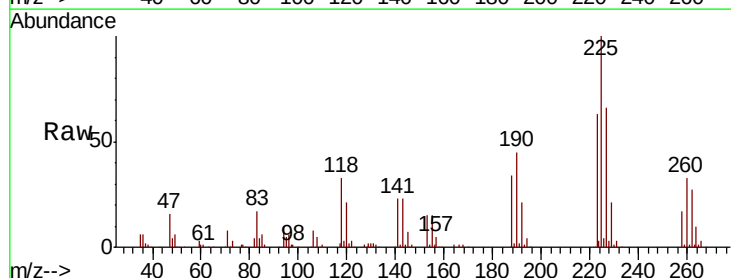


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

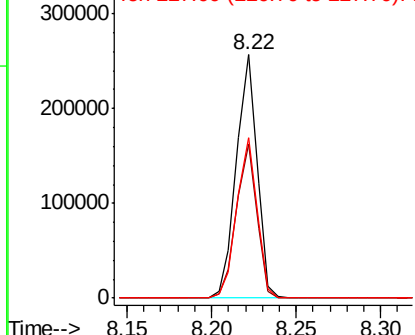


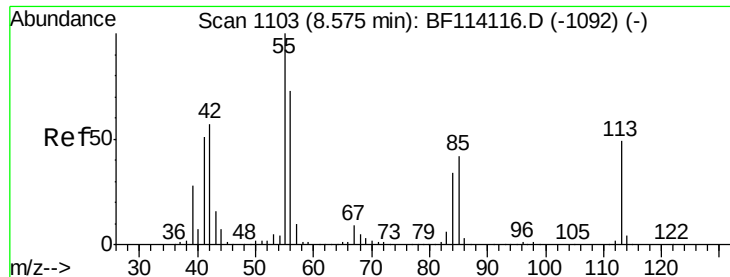
#34
Hexachlorobutadiene
Concen: 41.847 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion:	225	Resp:	218942
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	66.0	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

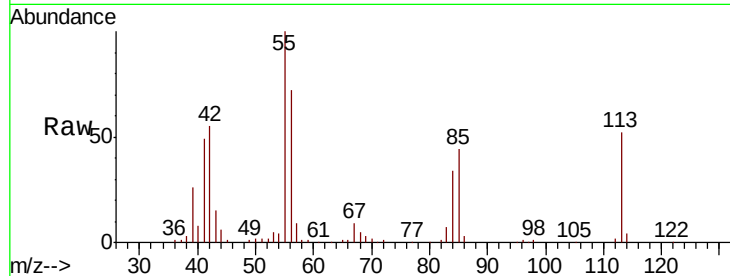




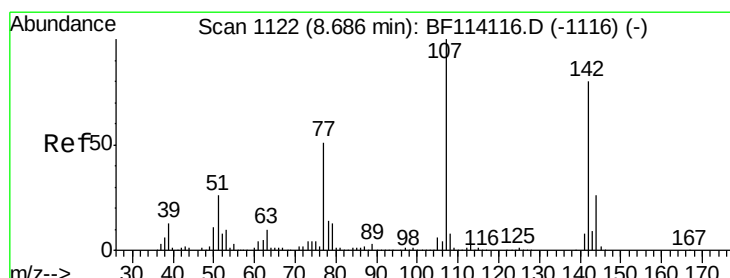
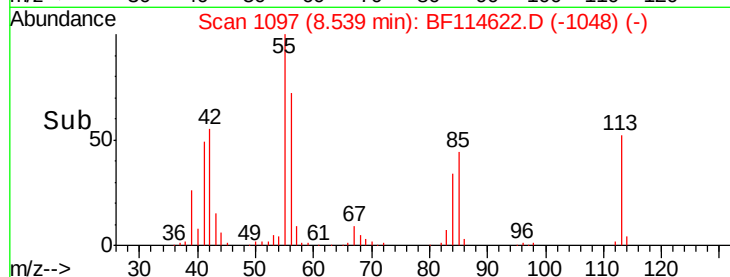
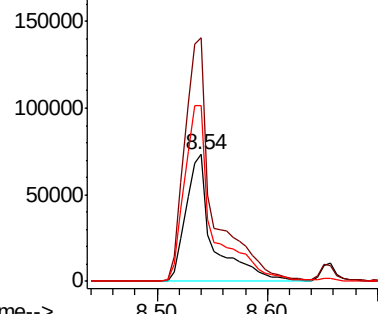
#35
Caprolactam
Concen: 47.379 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 124925
Ion Ratio Lower Upper
113 100
55 192.5 183.5 223.5
56 138.6 128.8 168.8

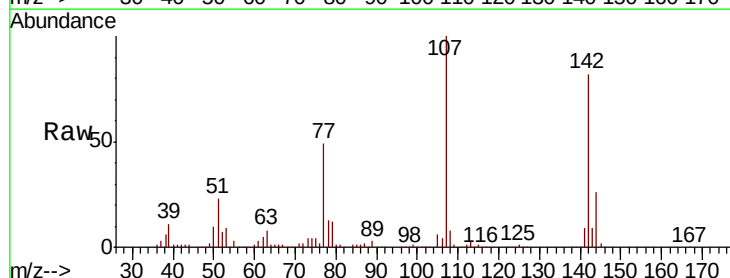


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

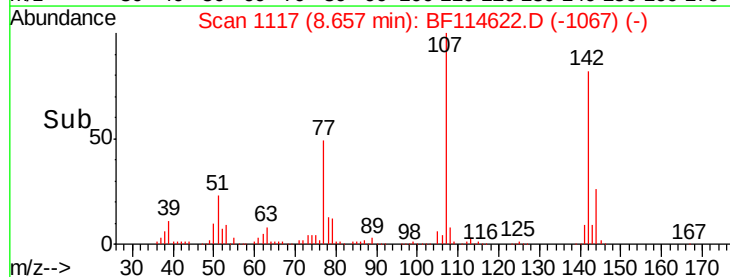
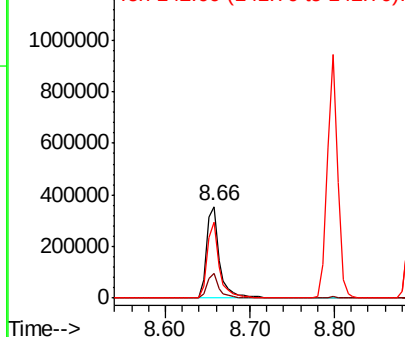


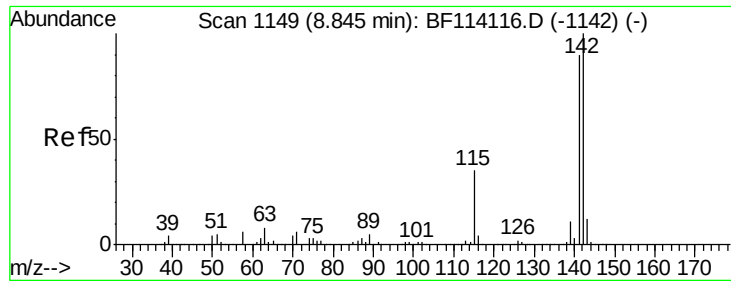
#36
4-Chloro-3-methylphenol
Concen: 46.198 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion:107 Resp: 376031
Ion Ratio Lower Upper
107 100
144 26.2 20.4 30.6
142 82.1 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

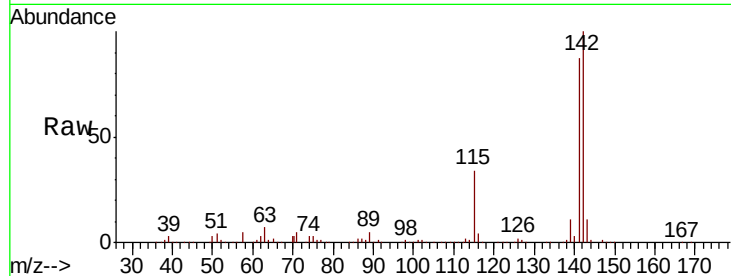




#37
2-Methylnaphthalene
Concen: 44.080 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.1	108.1
115	33.7	28.0	42.0

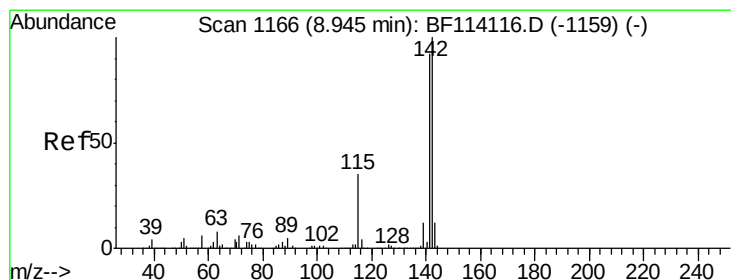
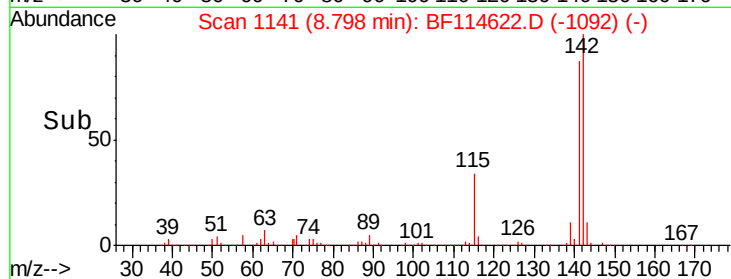
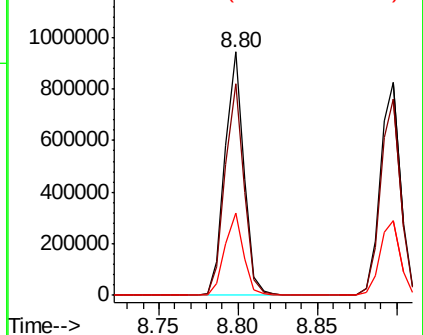


Abundance

Ion 142.00 (141.70 to 142.70): E

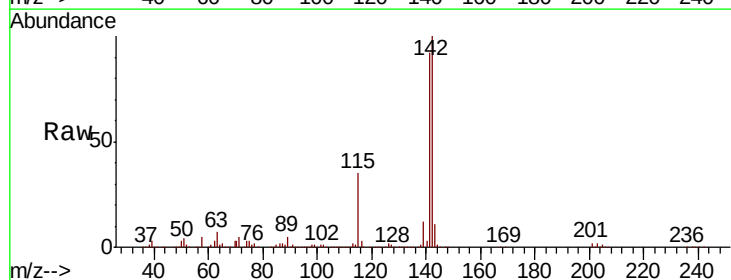
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.824 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.0
116	3.5	3.1	4.7

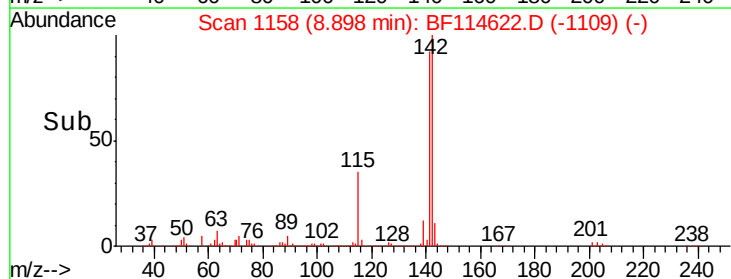
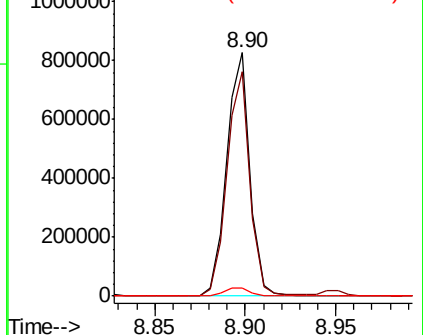


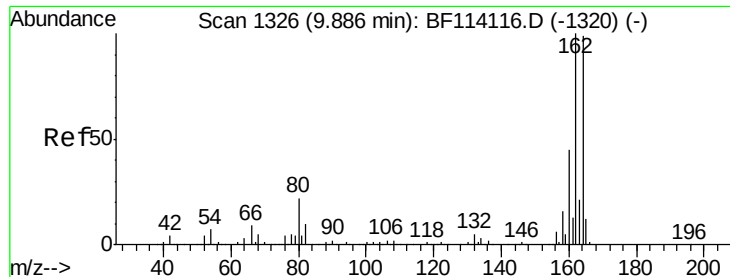
Abundance

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

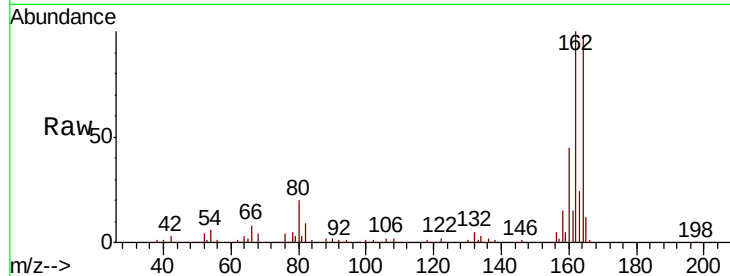




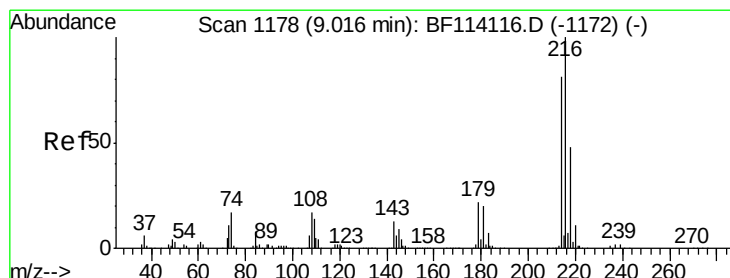
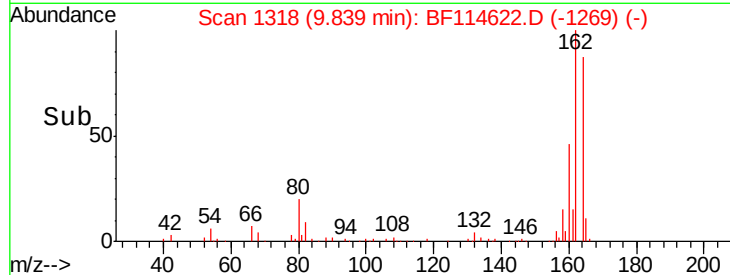
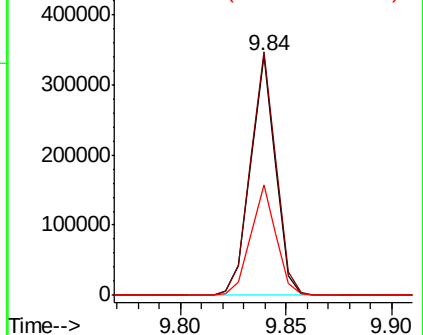
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	45.9	36.5	54.7



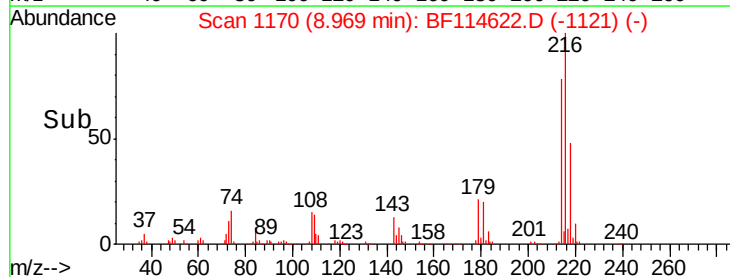
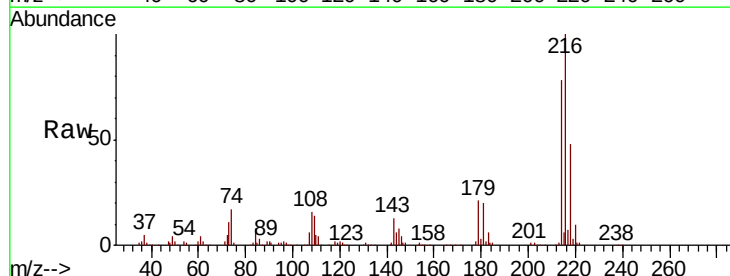
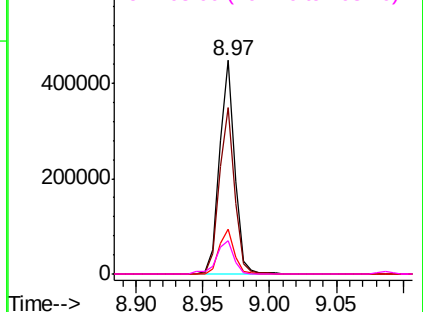
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

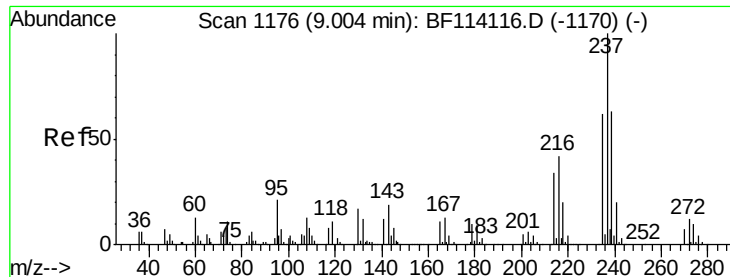


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.986 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.9	95.9
179	21.0	17.0	25.6
108	18.0	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

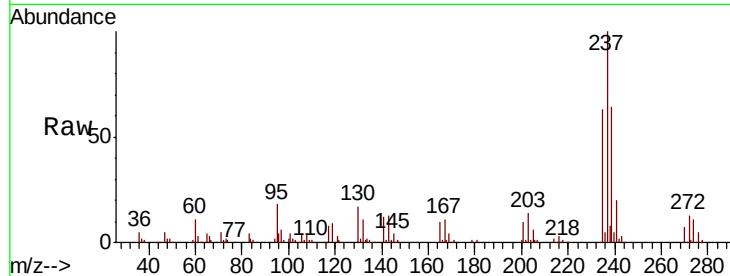




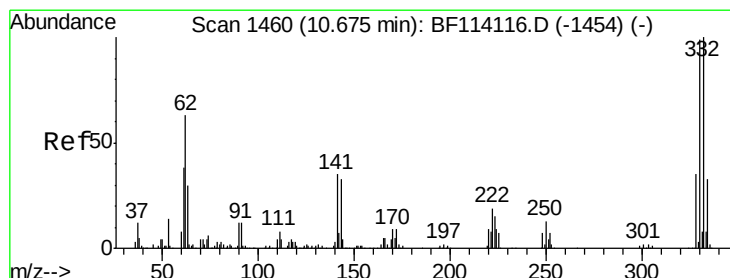
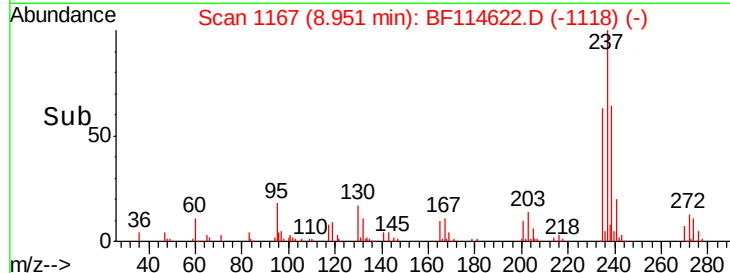
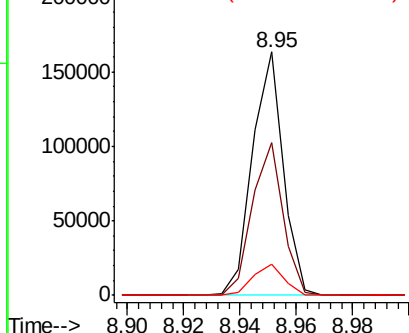
#41
Hexachlorocyclopentadiene
Concen: 33.537 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.0	82.0
272	13.0	0.0	32.4

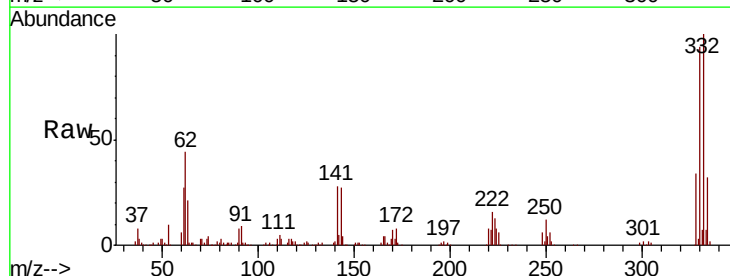


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

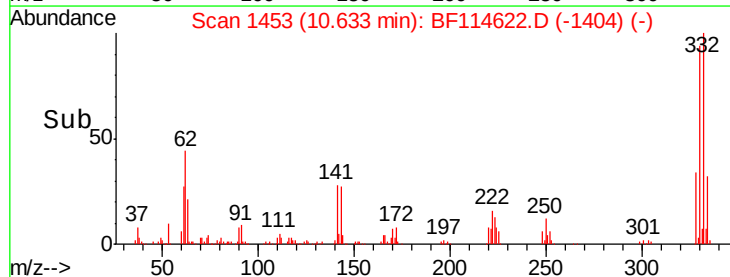
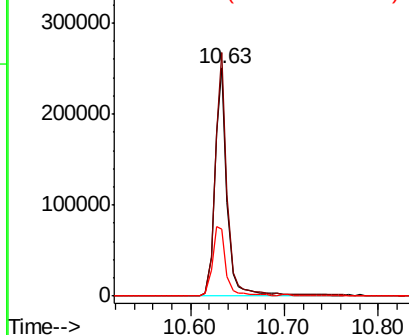


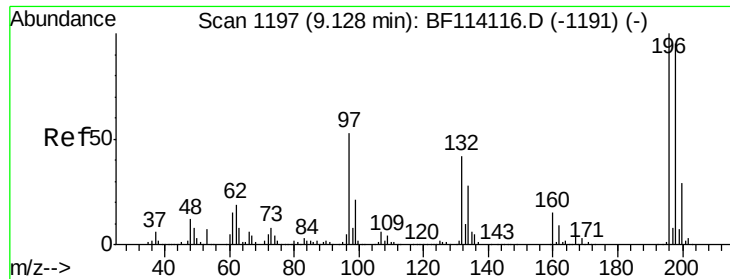
#42
2,4,6-Tribromophenol
Concen: 79.856 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.2	81.4	122.2
141	34.0	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

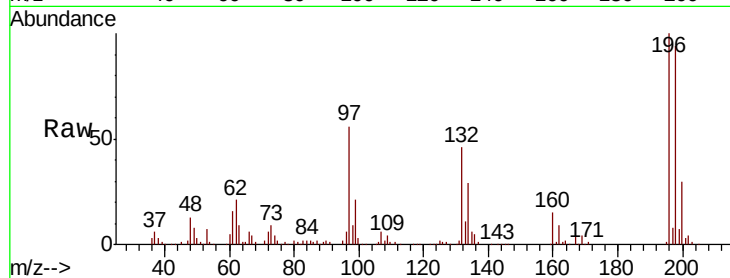




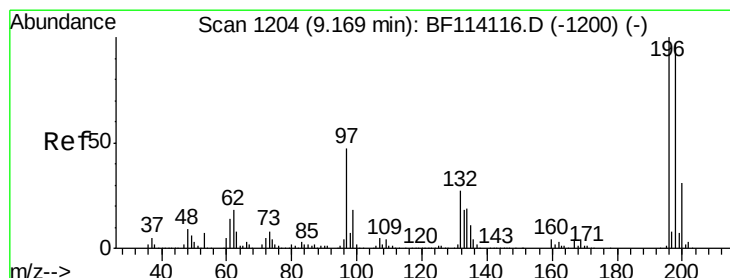
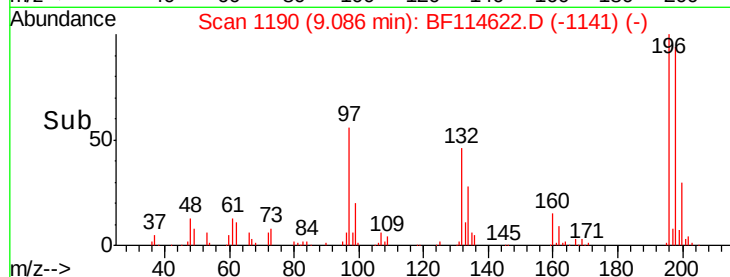
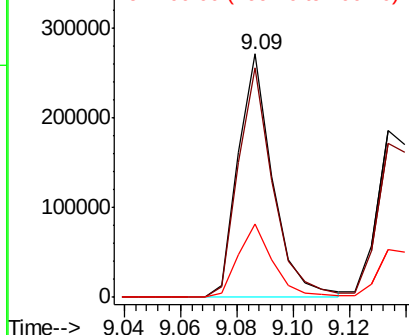
#43
 2,4,6-Trichlorophenol
 Concen: 39.076 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 230753
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.9 113.9
 200 30.4 23.5 35.3



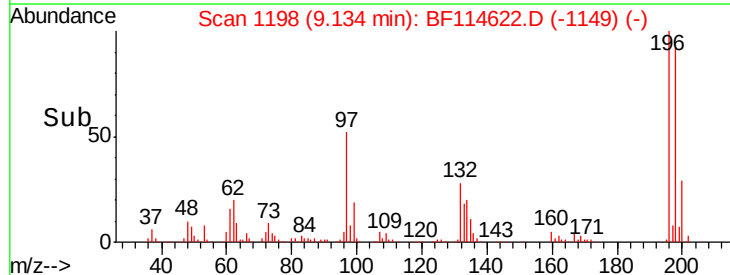
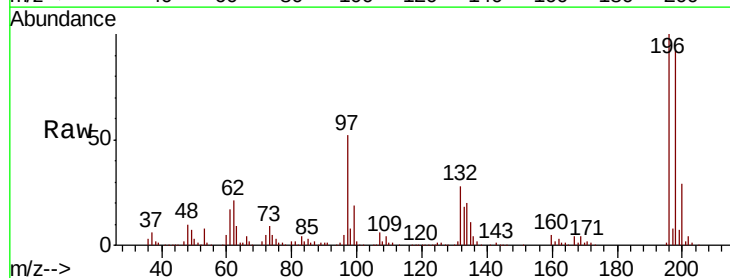
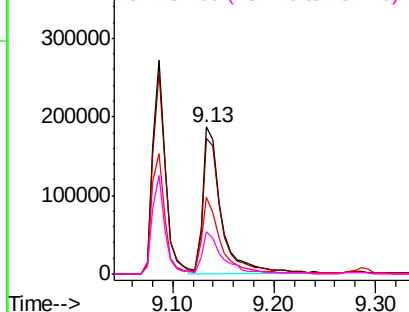
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

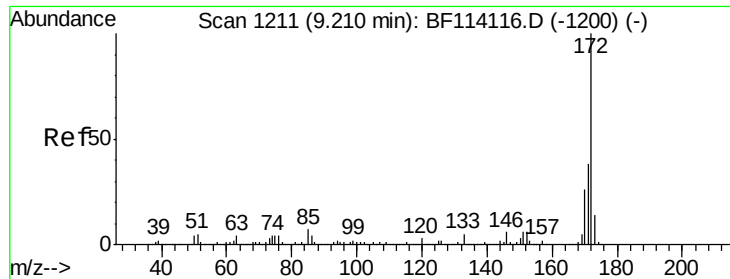


#44
 2,4,5-Trichlorophenol
 Concen: 38.842 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Tgt Ion:196 Resp: 235233
 Ion Ratio Lower Upper
 196 100
 198 92.3 77.7 116.5
 97 52.4 38.2 57.2
 132 28.4 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: 82.221 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

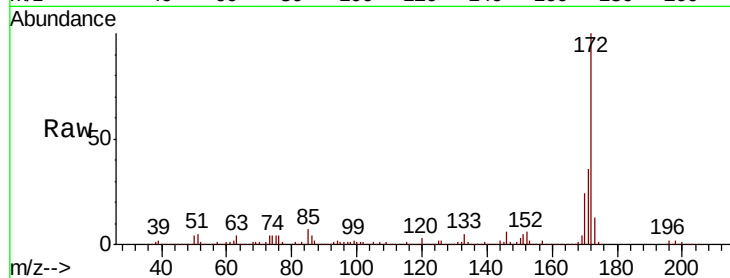
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1540517

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	23.7	20.5	30.7

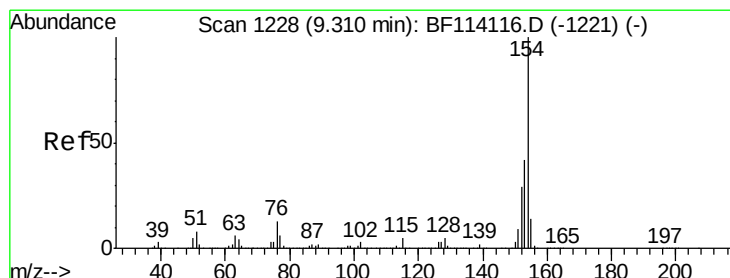
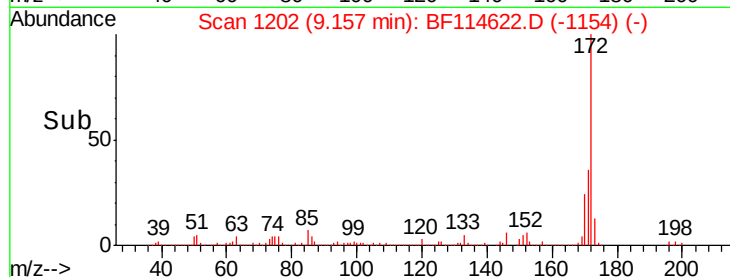
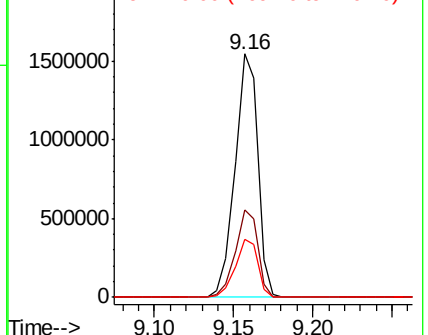


Abundance

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: 43.118 ng

RT: 9.26 min Scan# 1220

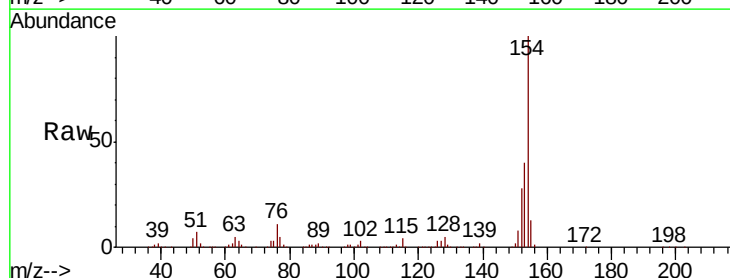
Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Tgt Ion:154 Resp: 987241

Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.9	61.9
76	10.9	0.0	32.8

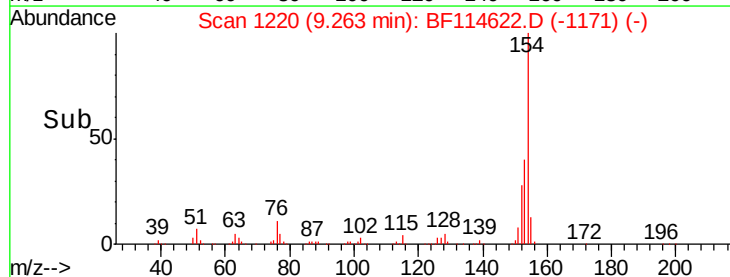
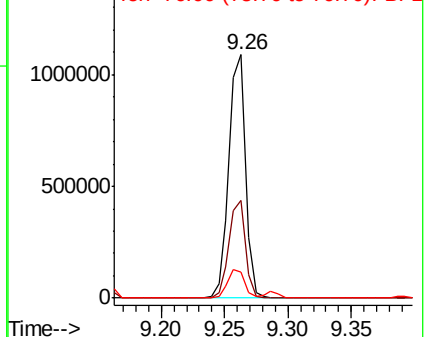


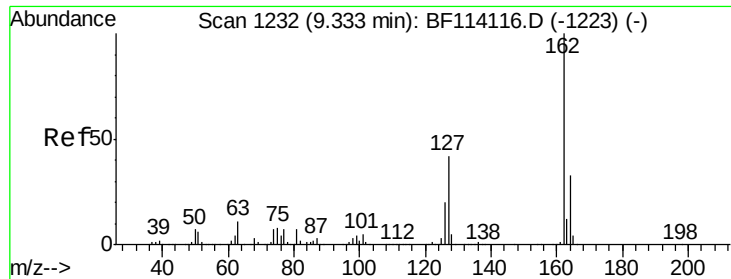
Abundance

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

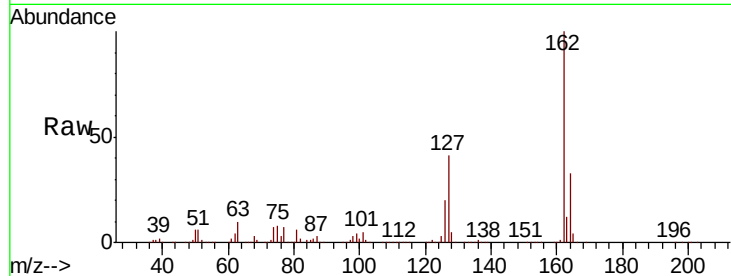




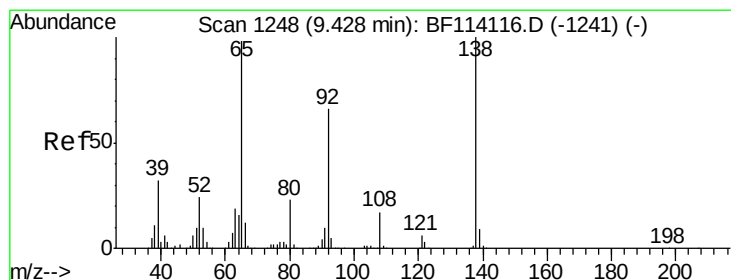
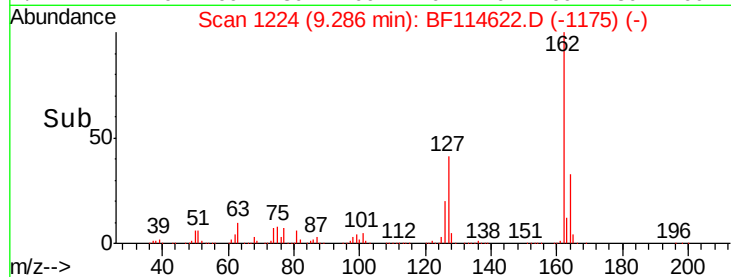
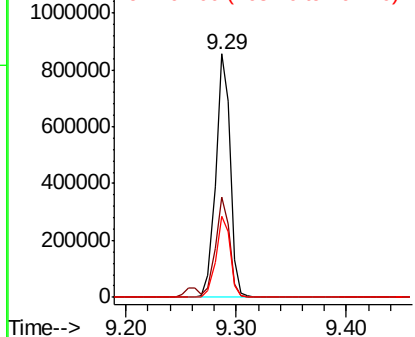
#47
 2-Chloronaphthalene
 Concen: 41.849 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.0	51.0
164	33.4	26.7	40.1

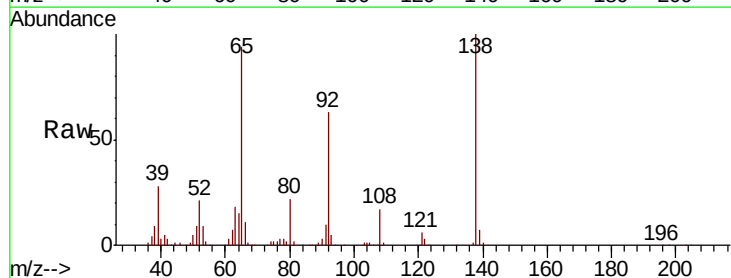


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

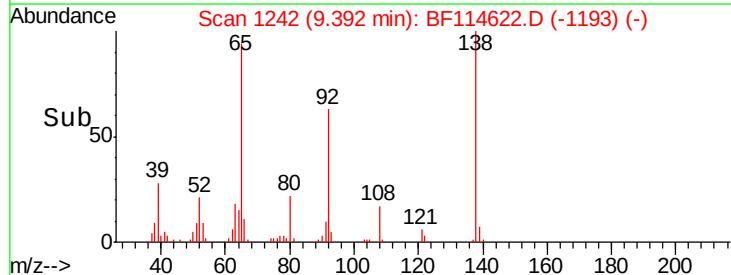
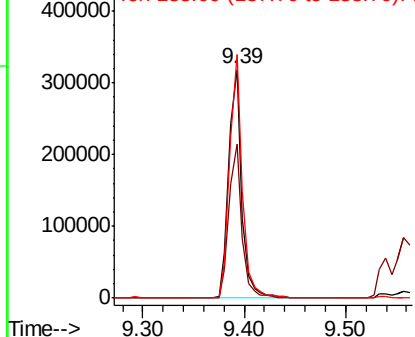


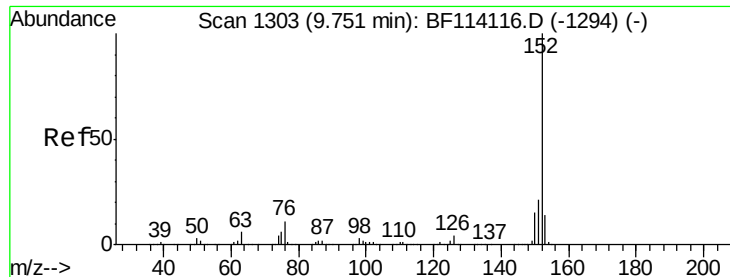
#48
 2-Nitroaniline
 Concen: 43.479 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	53.9	80.9
138	106.5	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.324 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

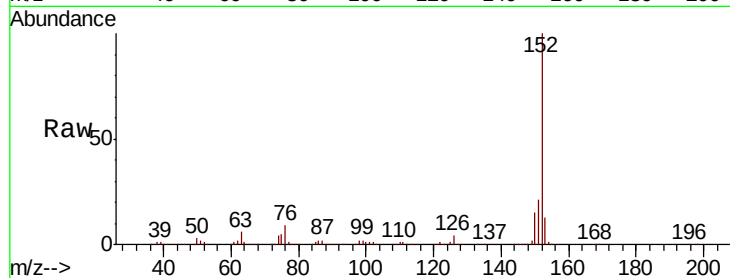
Tot Ion:152 Resp: 1186179

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

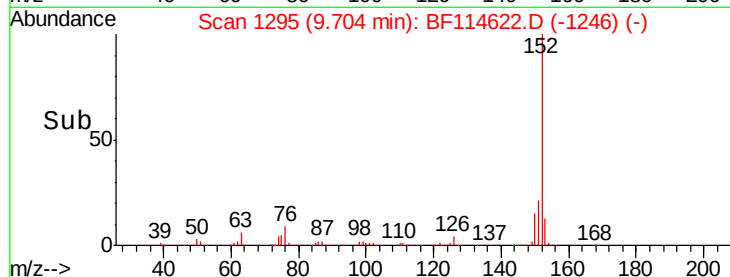
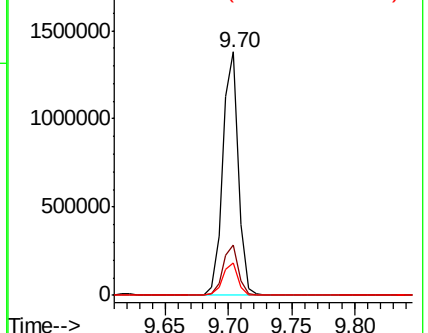
153 13.4 11.4 17.2



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: 43.068 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

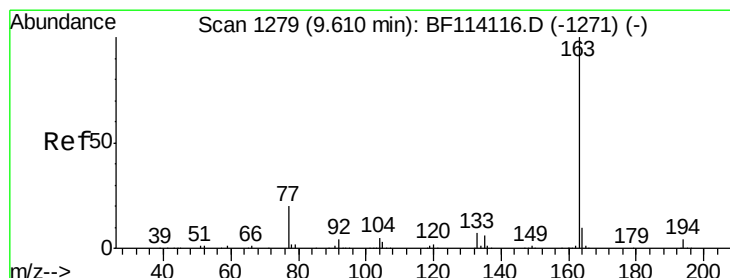
Tgt Ion:163 Resp: 896049

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

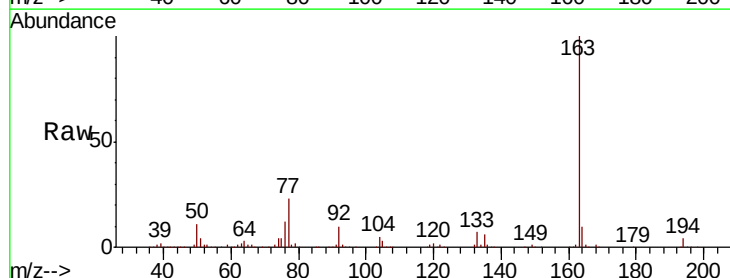
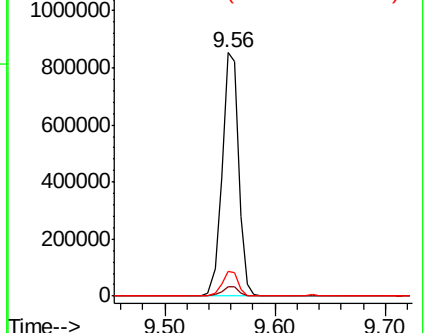
164 10.1 8.2 12.2

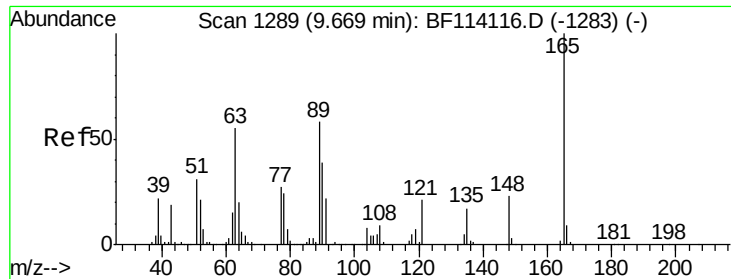


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

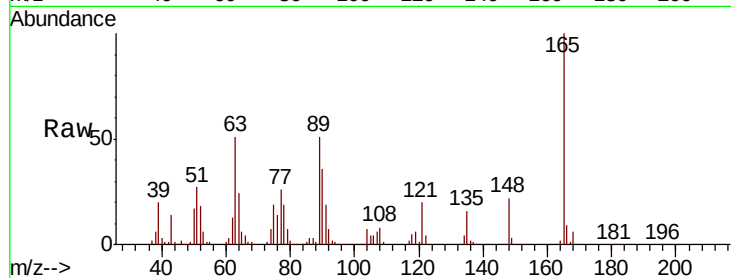




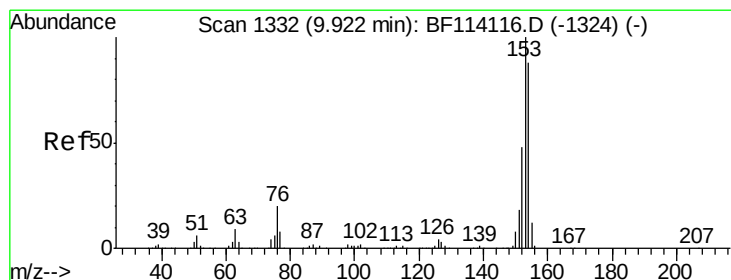
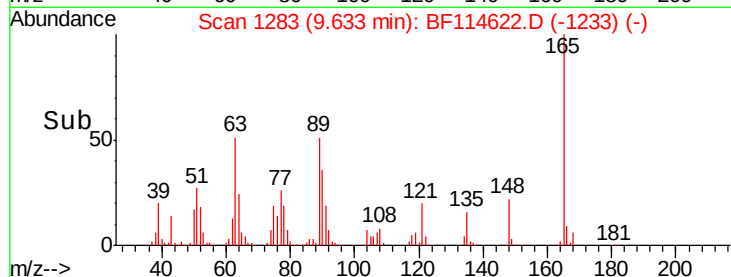
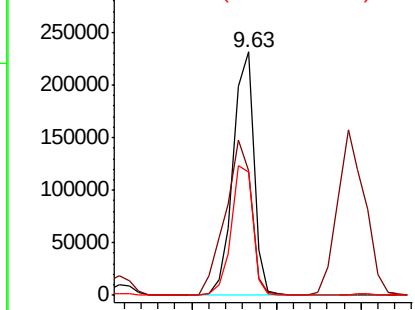
#51
 2,6-Dinitrotoluene
 Concen: 42.868 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 197823
 Ion Ratio Lower Upper
 165 100
 63 51.2 50.2 75.4
 89 50.5 46.6 69.8

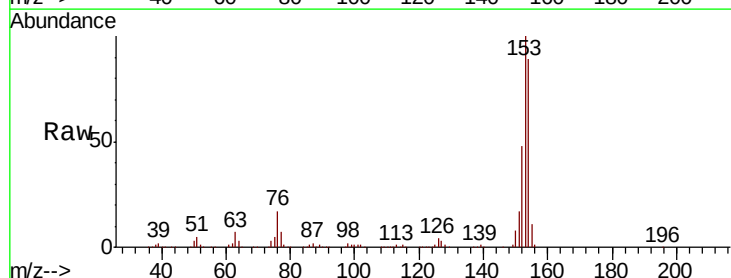


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

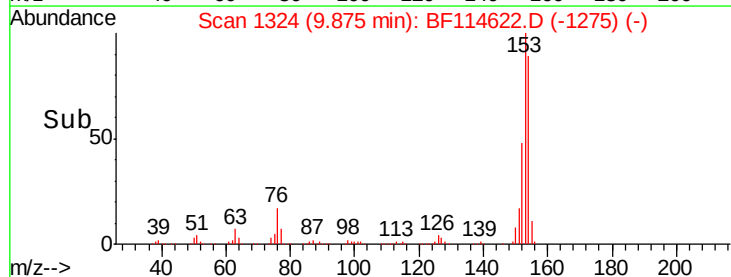
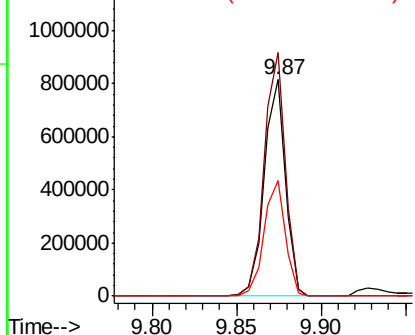


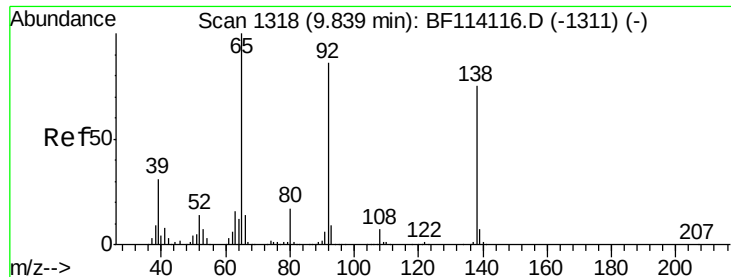
#52
 Acenaphthene
 Concen: 41.302 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Tgt Ion:154 Resp: 710310
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.5 135.7
 152 53.6 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

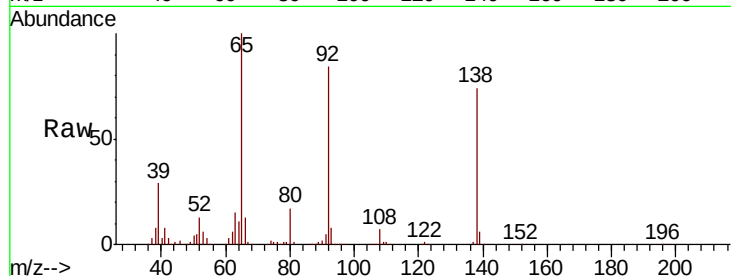




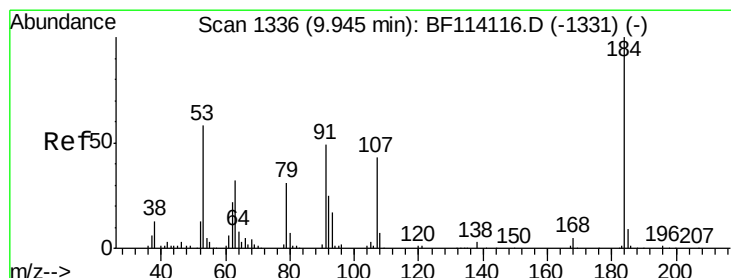
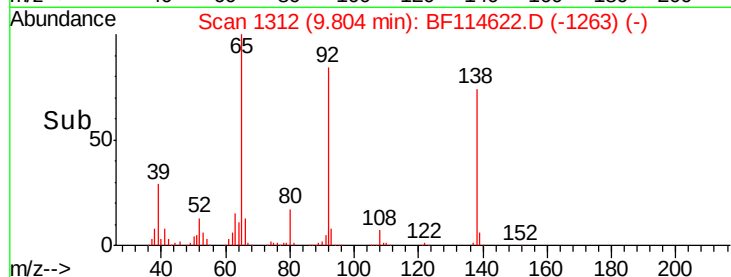
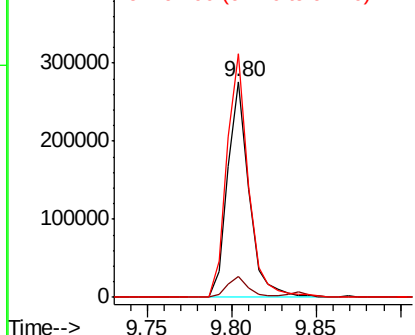
#53
3-Nitroaniline
Concen: 42.642 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 244271
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 113.0 91.2 136.8

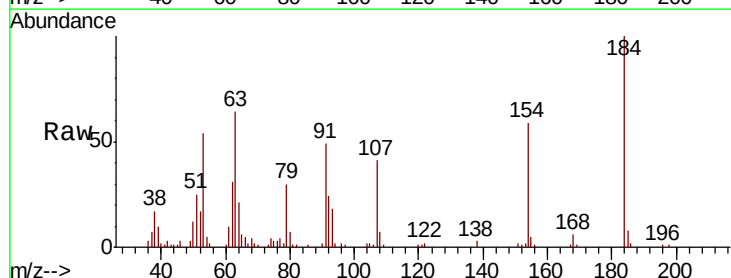


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

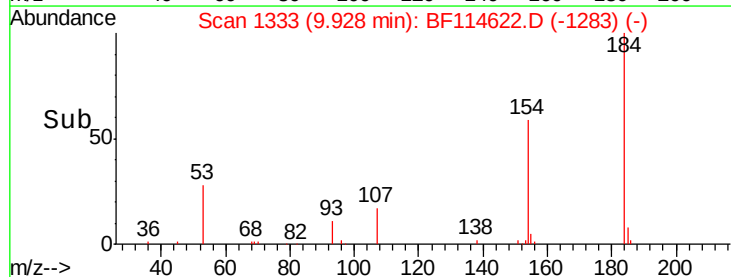
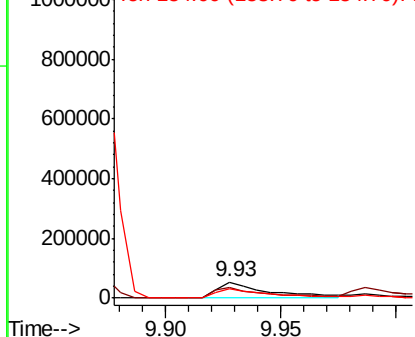


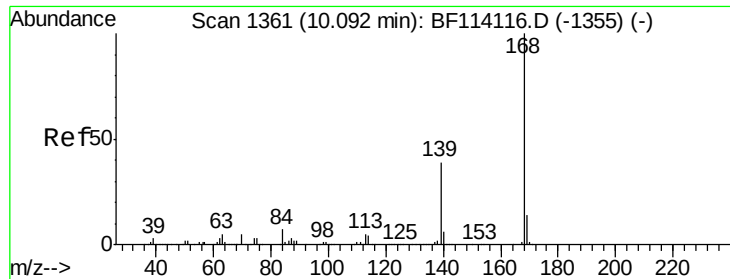
#54
2,4-Dinitrophenol
Concen: 39.731 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion:184 Resp: 83589
Ion Ratio Lower Upper
184 100
63 63.6 55.6 83.4
154 58.9 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

Dibenzofuran

Concen: 40.490 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

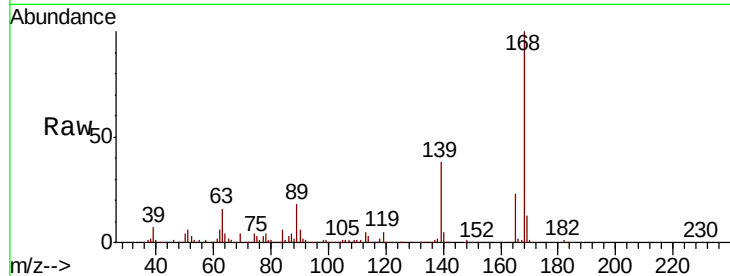
Tot Ion:168 Resp: 1021094

Ion Ratio Lower Upper

168 100

139 38.4 31.1 46.7

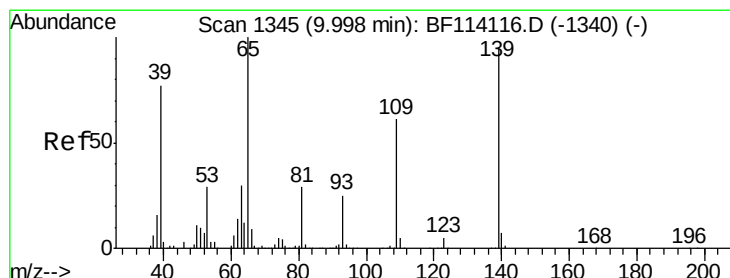
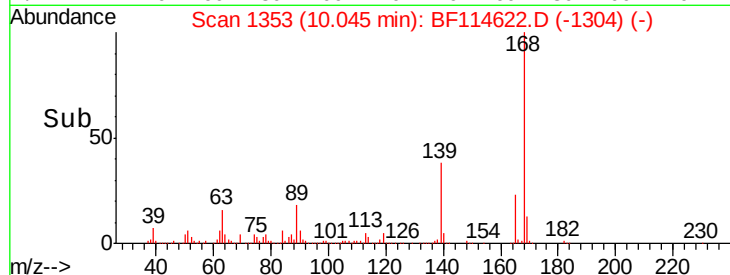
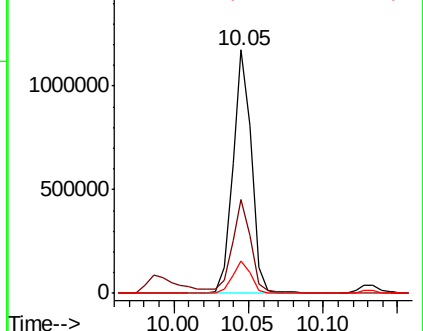
169 13.5 11.4 17.0



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: 32.613 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

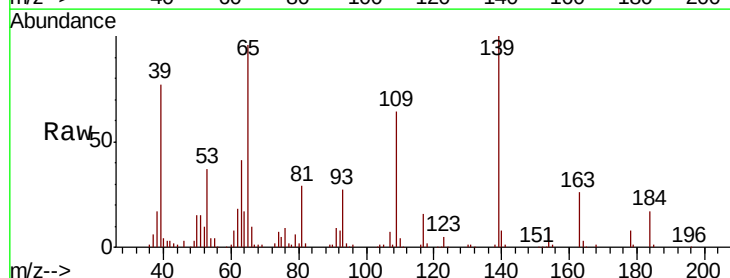
Tgt Ion:139 Resp: 132119

Ion Ratio Lower Upper

139 100

109 63.9 43.9 83.9

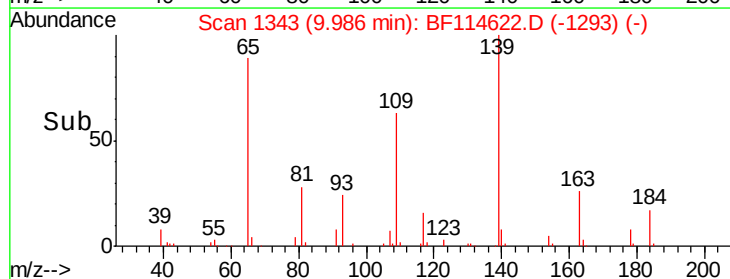
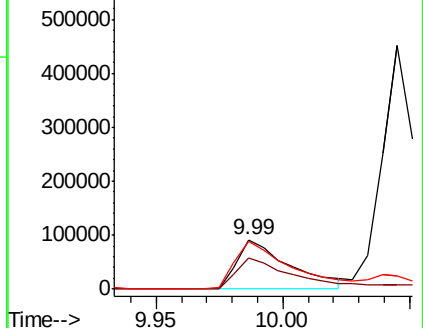
65 96.4 85.7 125.7

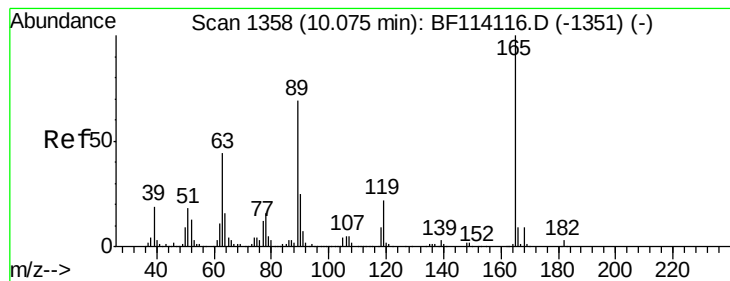


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.798 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 249273

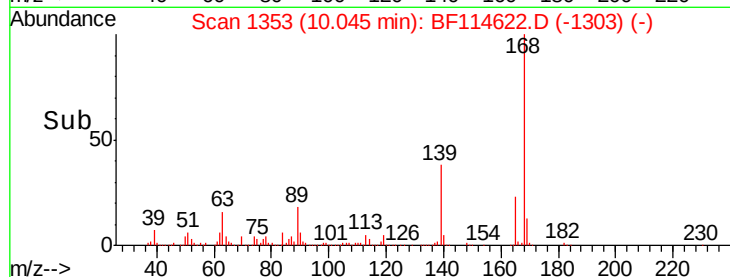
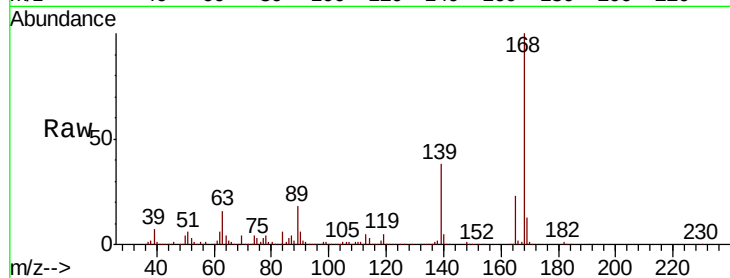
Ion Ratio Lower Upper

165 100

63 67.7 35.5 53.3#

89 78.2 55.2 82.8

182 2.5 2.2 3.2

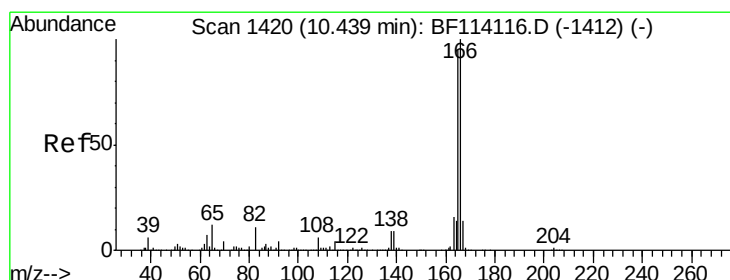
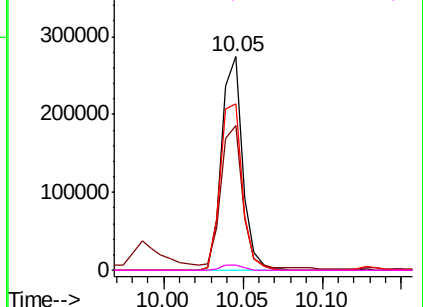


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.012 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

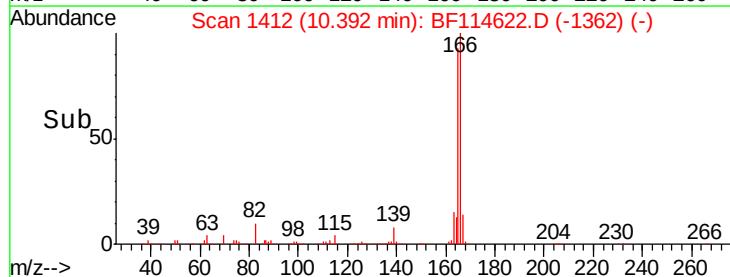
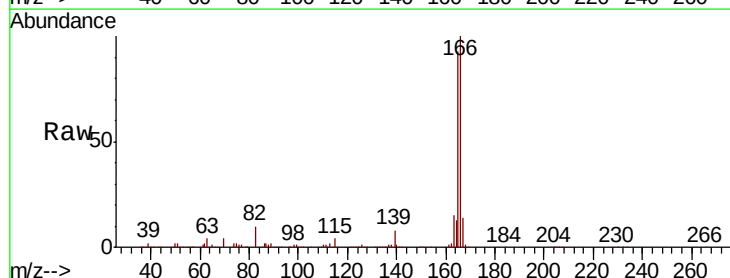
Tgt Ion:166 Resp: 857315

Ion Ratio Lower Upper

166 100

165 92.8 76.1 114.1

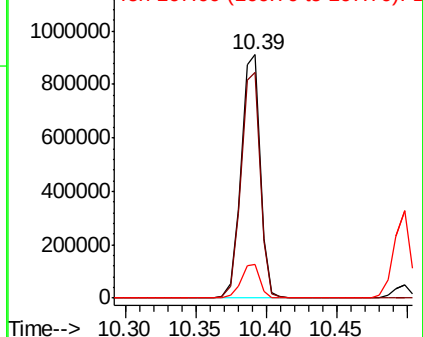
167 13.7 11.1 16.7

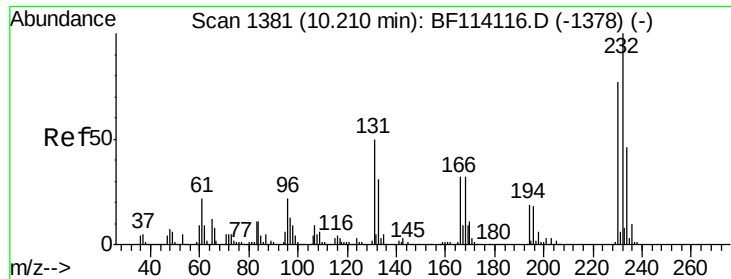


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

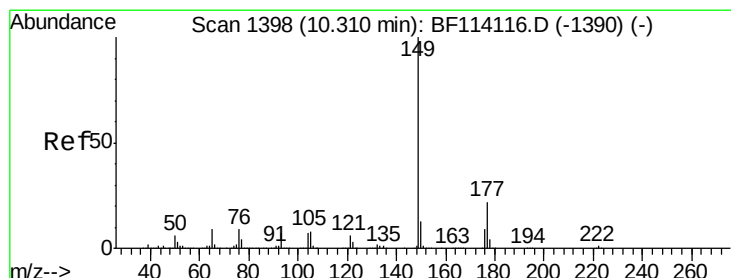
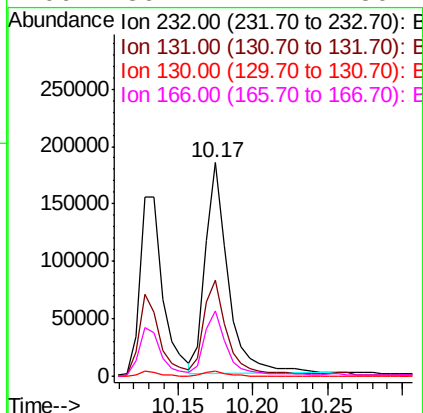
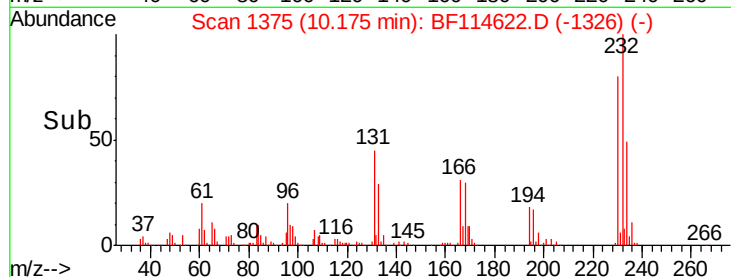
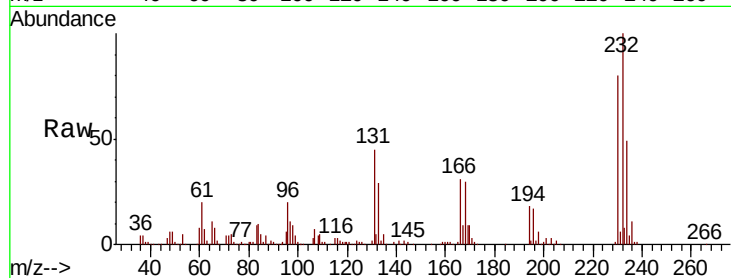




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.241 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

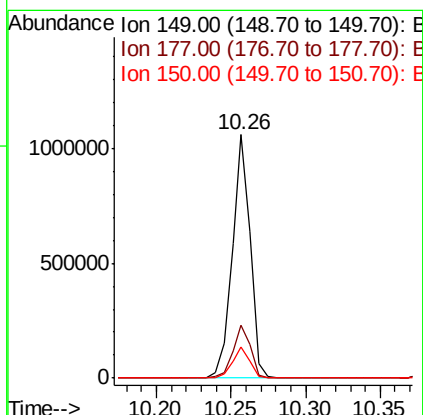
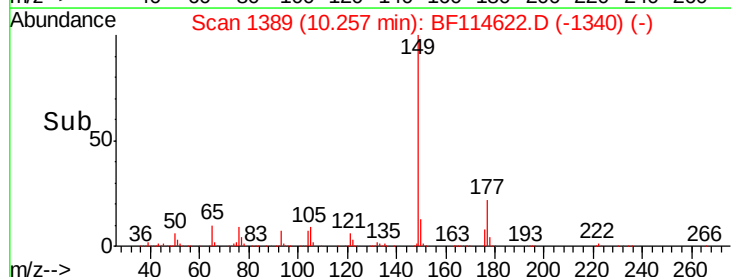
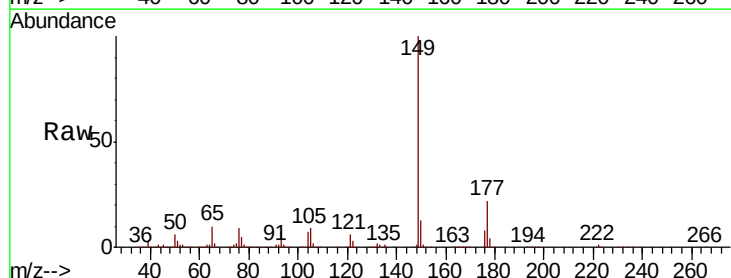
Instrument :
BNA_F
ClientSampleId :

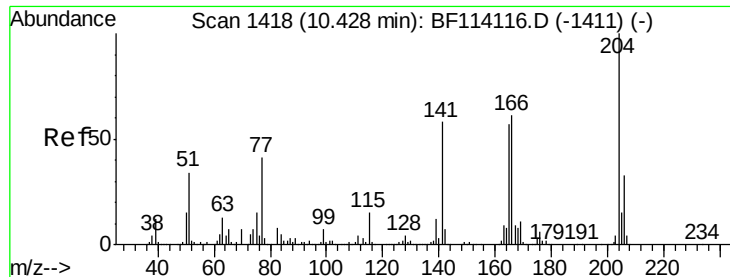
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.6	35.6	53.4
130	2.2	1.6	2.4
166	30.4	24.1	36.1



#60
Diethylphthalate
Concen: 42.485 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.8	26.6
150	12.6	10.2	15.2

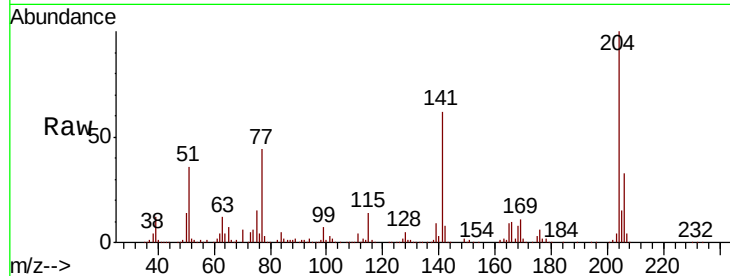




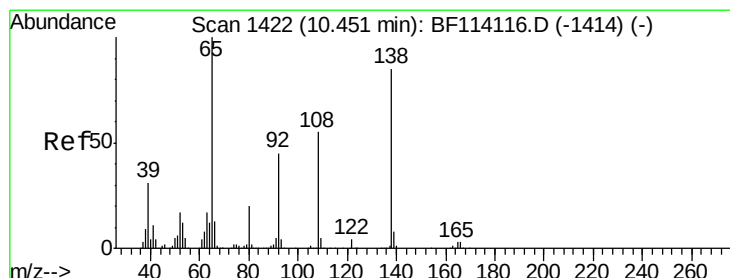
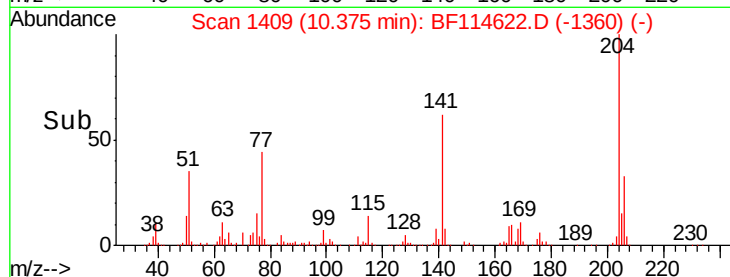
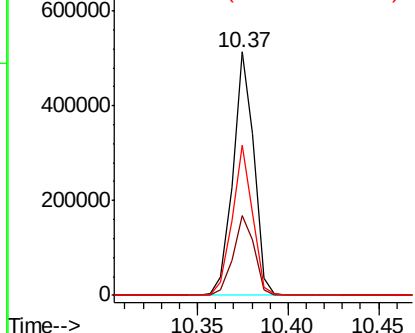
#61
 4-Chlorophenyl-phenylether
 Concen: 43.006 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	61.6	46.4	69.6

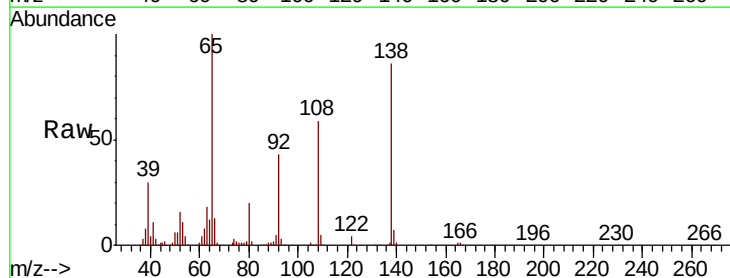


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

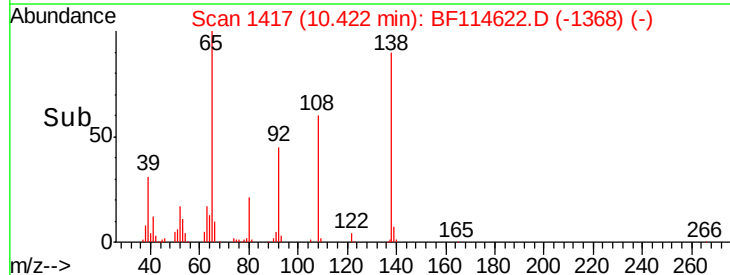
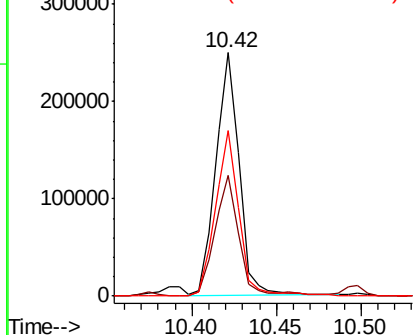


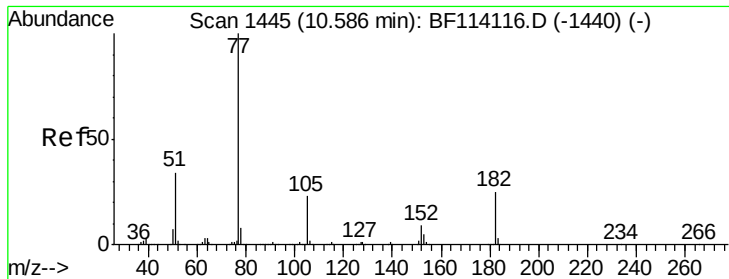
#62
 4-Nitroaniline
 Concen: 40.196 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114622.D
 Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	33.0	73.0
108	68.1	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: 41.377 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

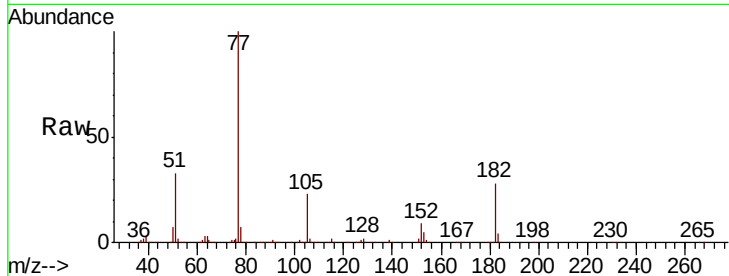
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 846657

Ion	Ratio	Lower	Upper
77	100		
182	27.6	4.7	44.7
105	23.4	2.9	42.9
51	33.2	14.6	54.6

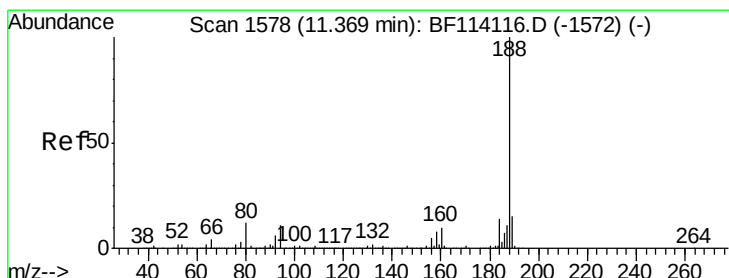
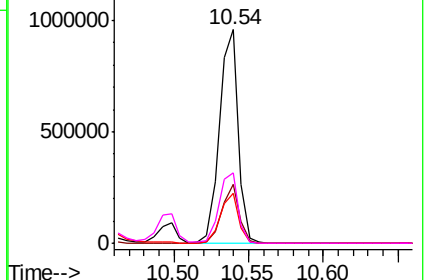
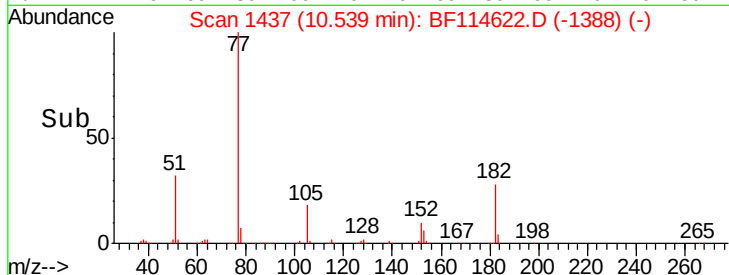


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

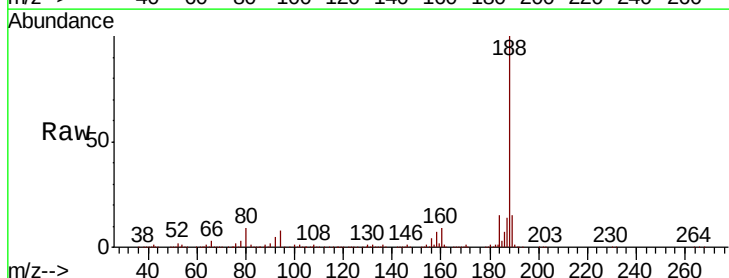
Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Tgt Ion: 188 Resp: 577364

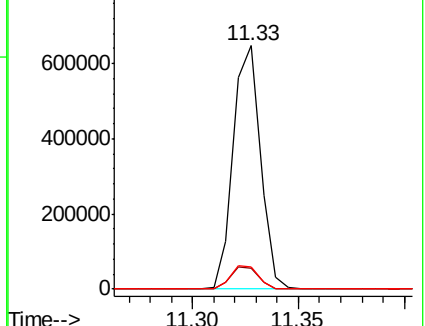
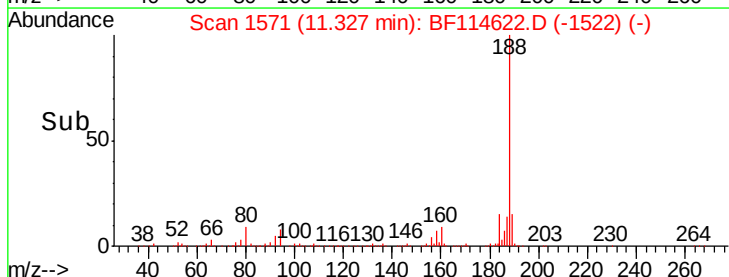
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.4	12.6
80	8.9	9.2	13.8

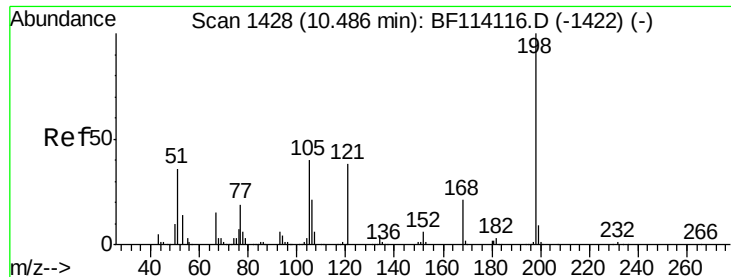


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

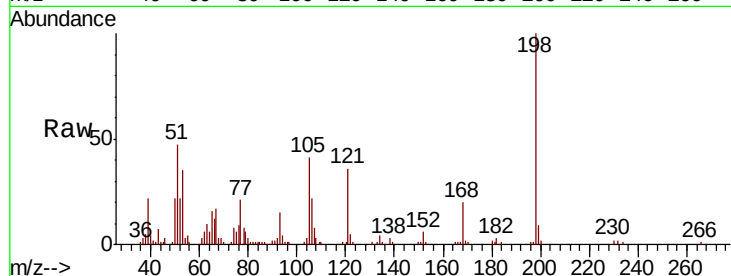




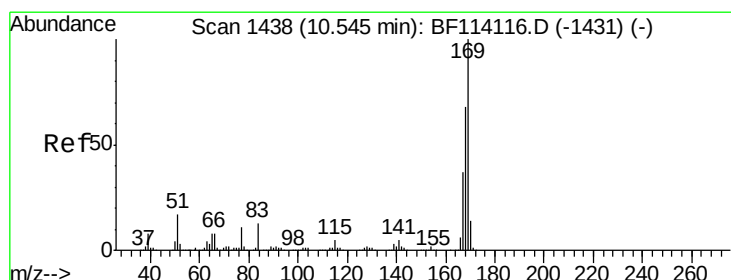
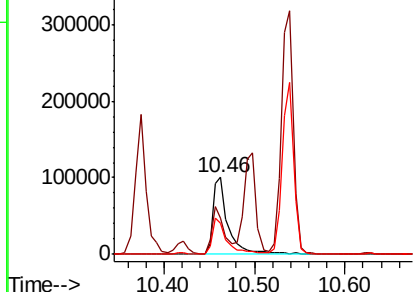
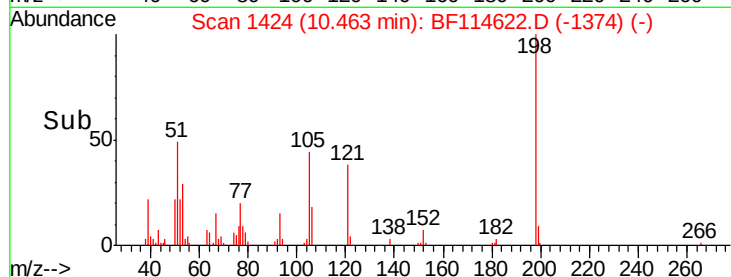
#65
4,6-Dinitro-2-methylphenol
Concen: 43.086 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 119534
Ion Ratio Lower Upper
198 100
51 46.7 28.0 68.0
105 41.3 21.1 61.1

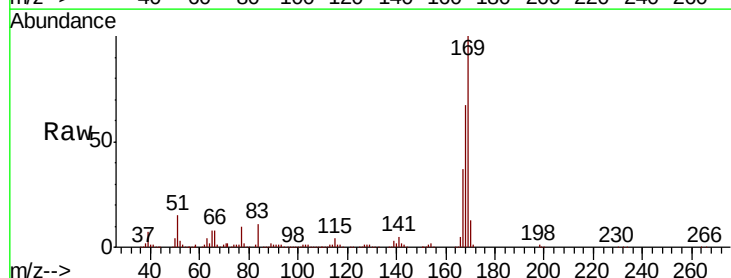


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

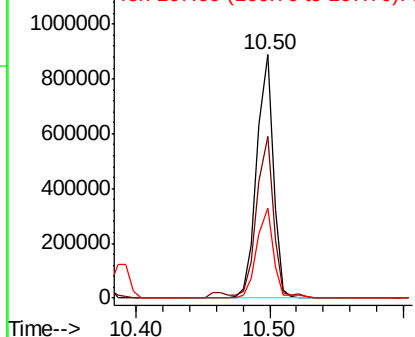
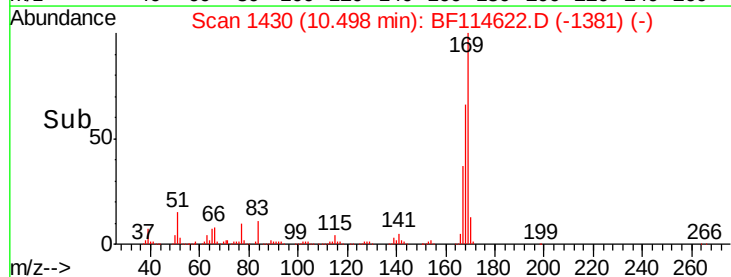


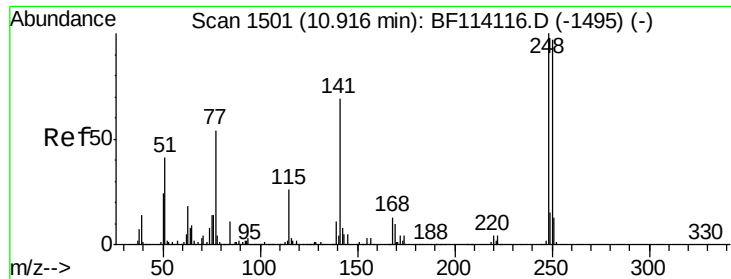
#66
n-Nitrosodiphenylamine
Concen: 42.835 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion:169 Resp: 750597
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.2
167 36.8 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

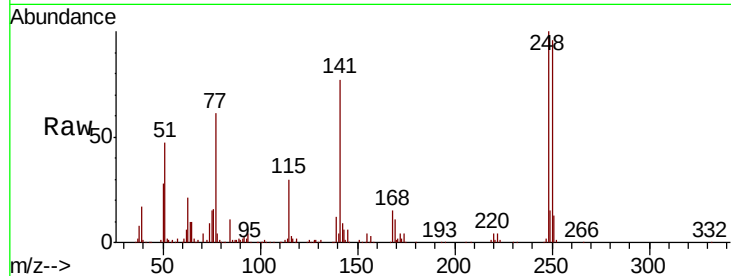




#67
4-Bromophenyl-phenylether
Concen: 41.060 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.4	116.2
141	77.2	55.6	83.4

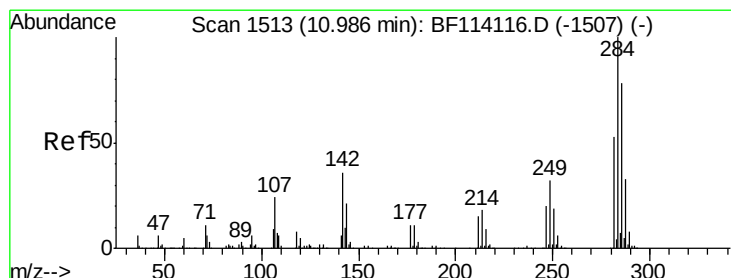
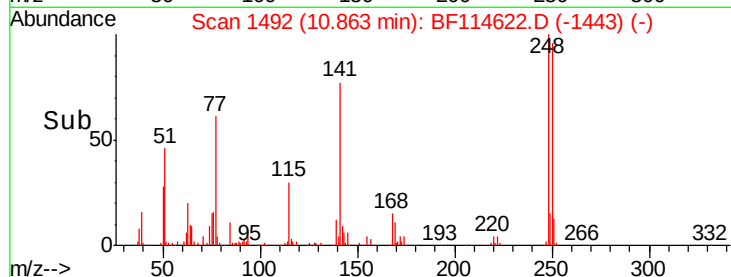
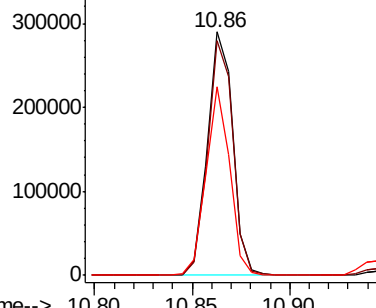


Abundance

Ion 248.00 (247.70 to 248.70): E

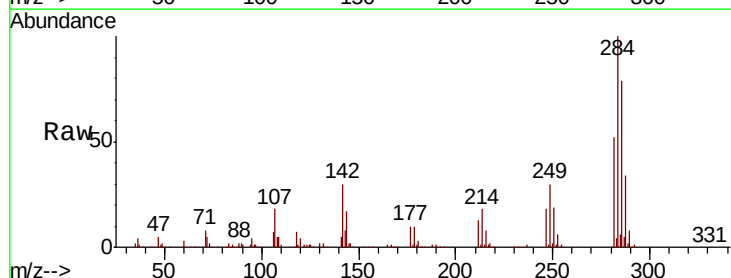
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.690 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	28.4	42.6
249	29.5	25.2	37.8

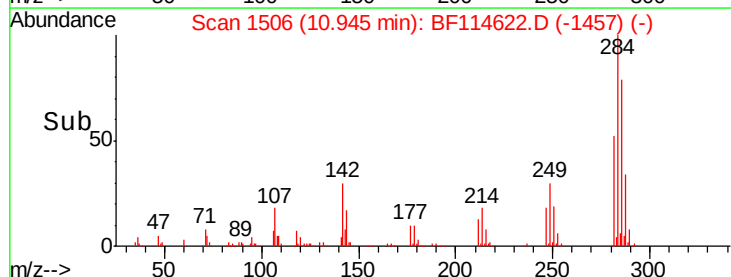
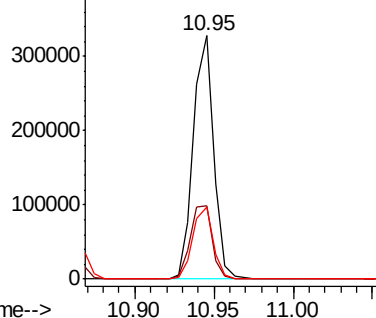


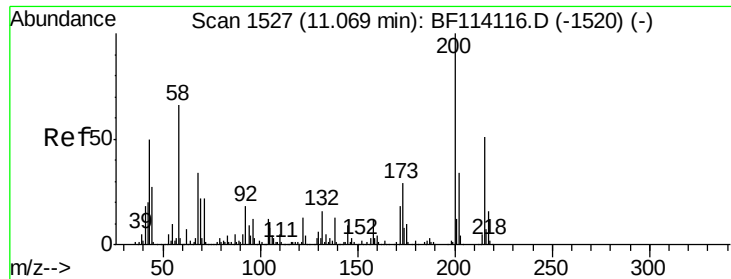
Abundance

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

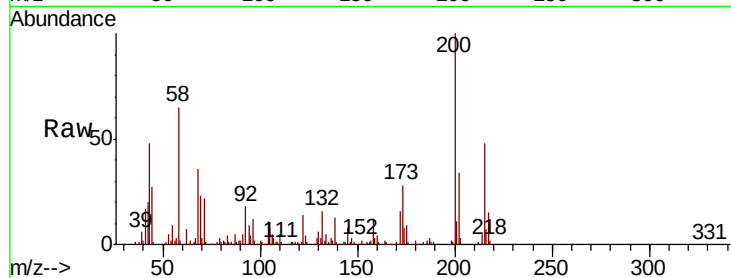




#69
Atrazine
Concen: 41.372 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.9	48.9
215	48.2	30.7	70.7

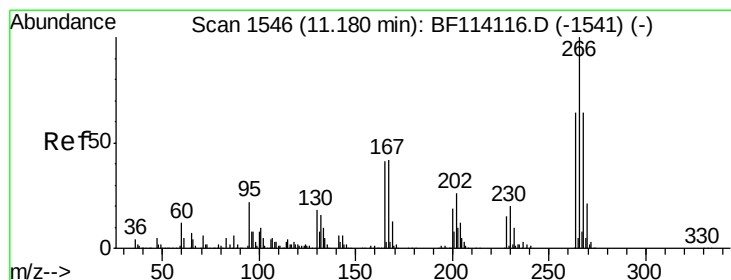
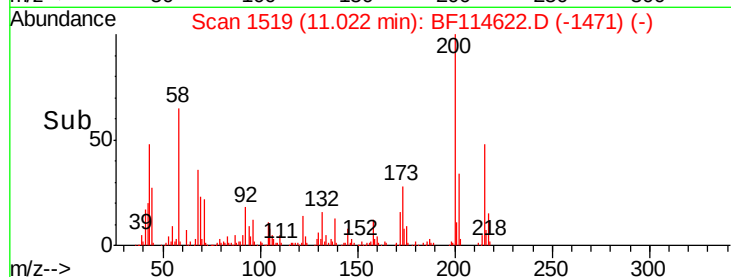
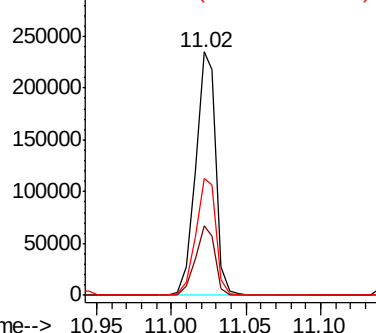


Abundance

Ion 200.00 (199.70 to 200.70): E

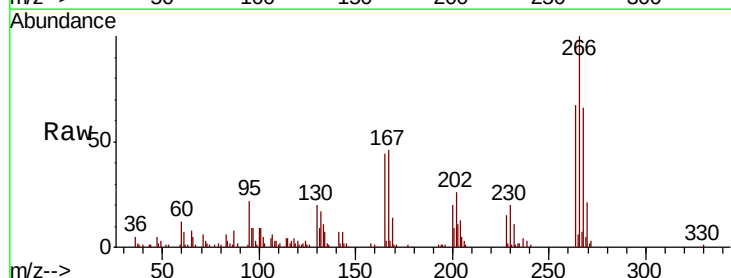
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 29.431 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	67.2	51.1	76.7

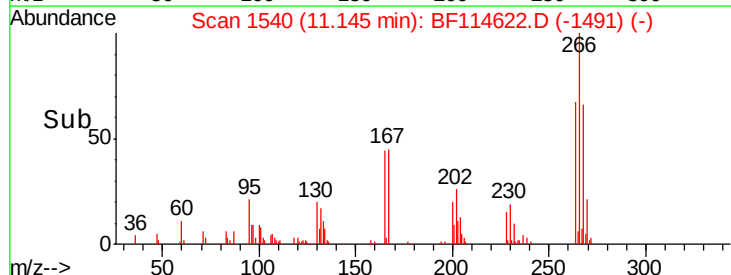
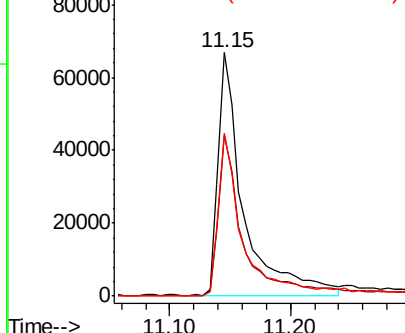


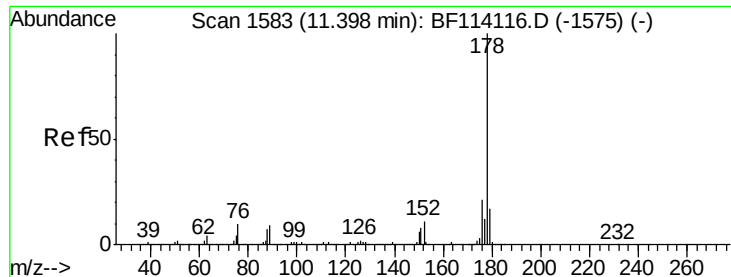
Abundance

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

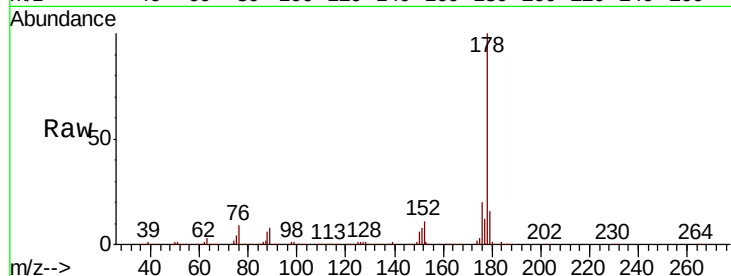




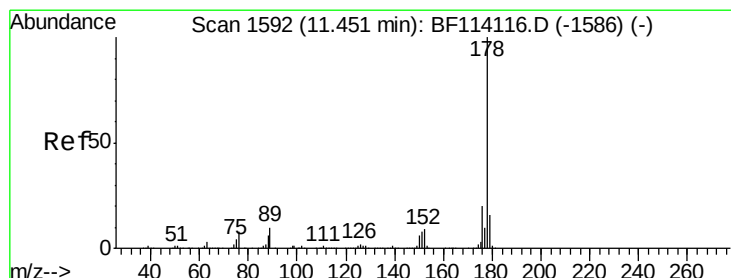
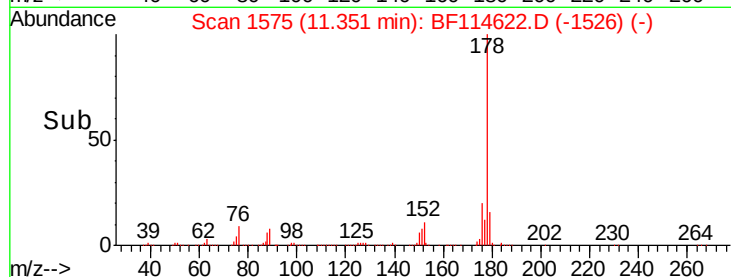
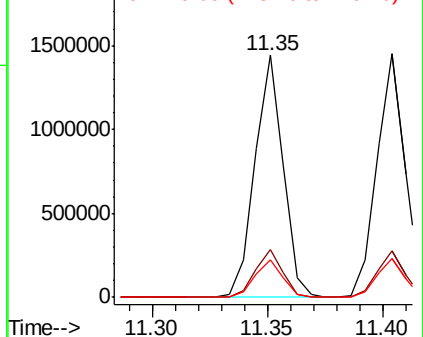
#71
Phenanthrene
Concen: 43.989 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1235641
Ion Ratio Lower Upper
178 100
176 19.6 16.4 24.6
179 15.6 13.2 19.8

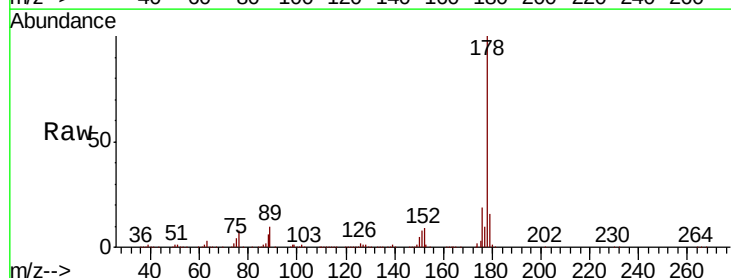


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

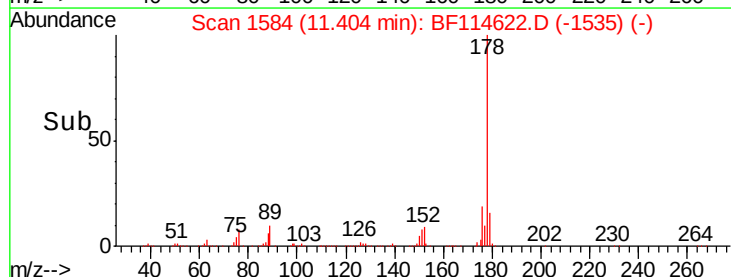
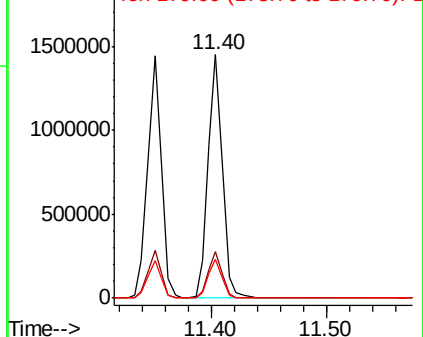


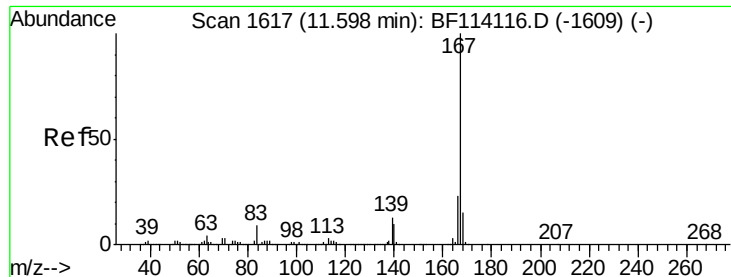
#72
Anthracene
Concen: 44.254 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion:178 Resp: 1248550
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.424 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

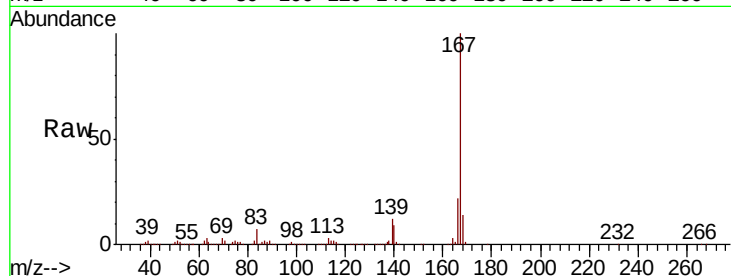
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1195177

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	12.2	10.6	16.0

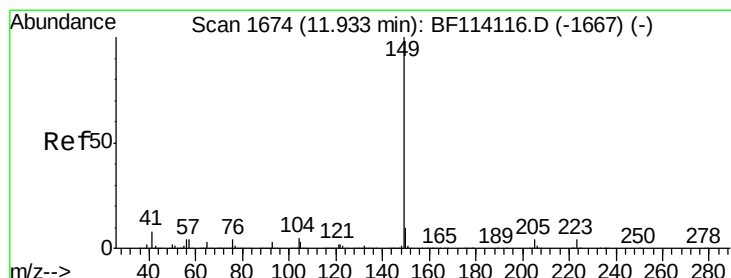
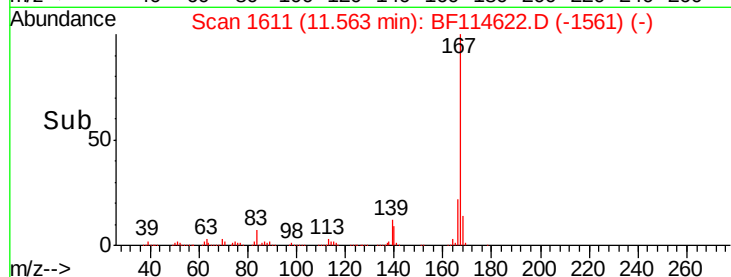
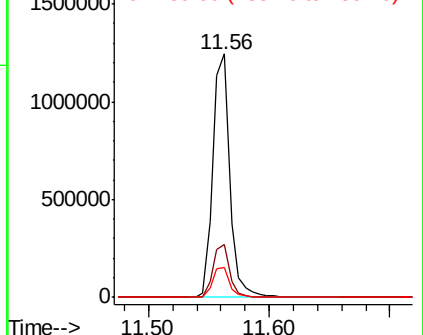


Abundance

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: 44.446 ng

RT: 11.88 min Scan# 1665

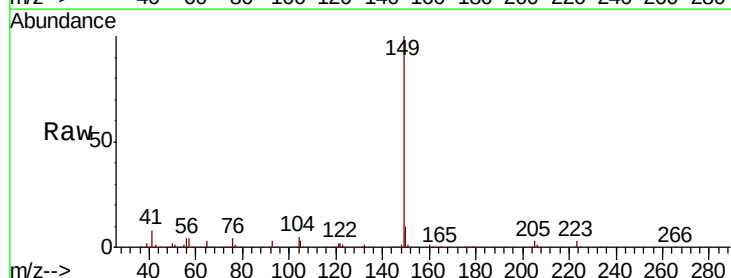
Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Tgt Ion:149 Resp: 1377630

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.5	3.6	5.4

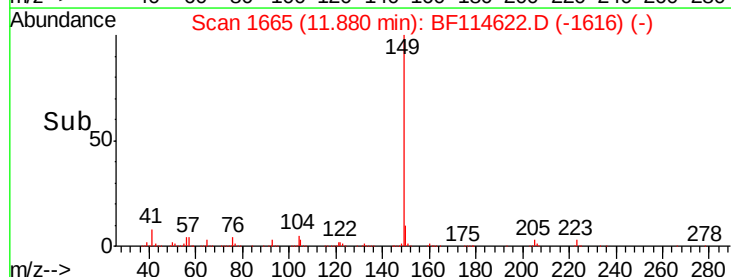
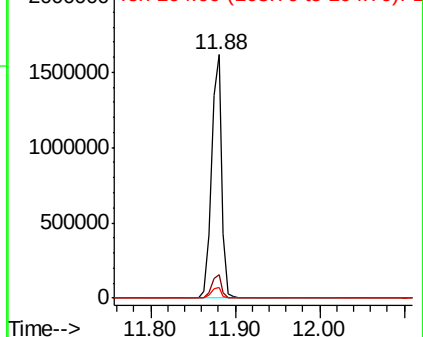


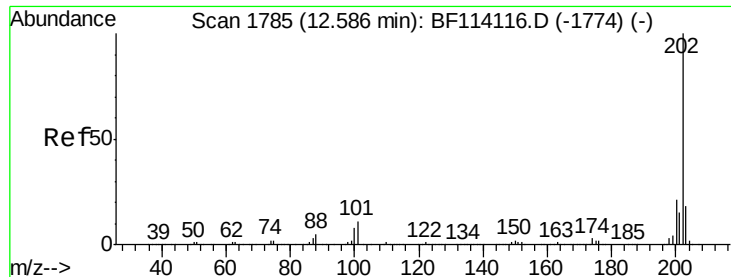
Abundance

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

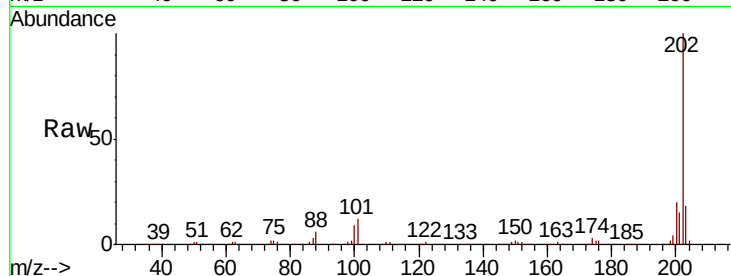




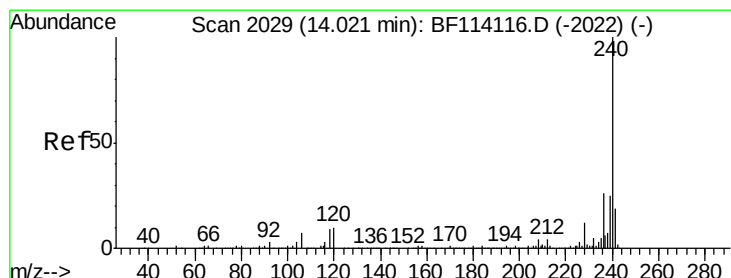
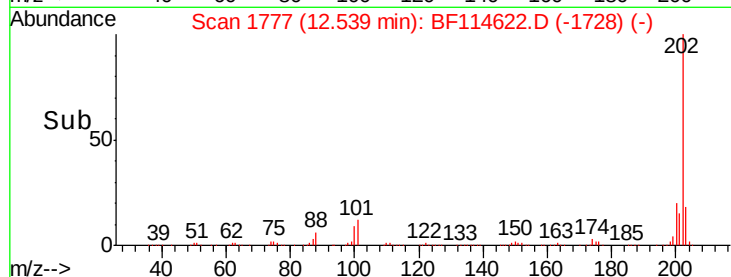
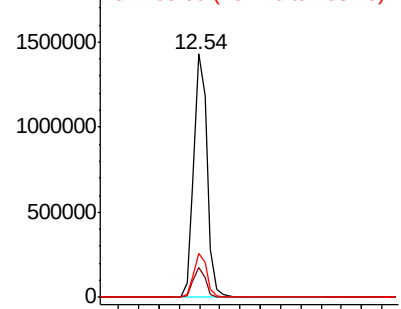
#75
Fluoranthene
Concen: 43.436 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1313884
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.0
203 17.9 0.0 38.4

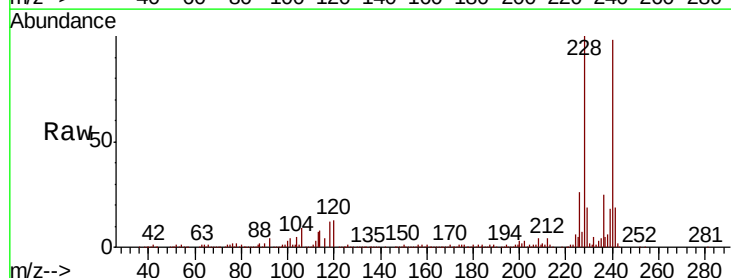


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

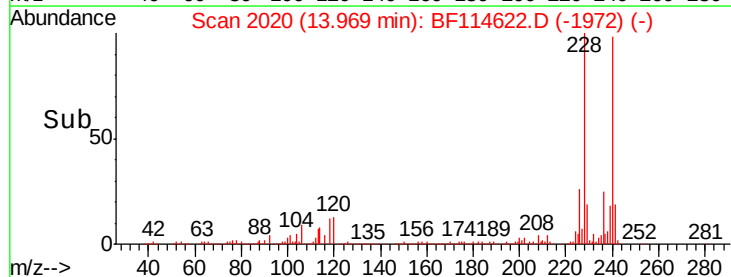
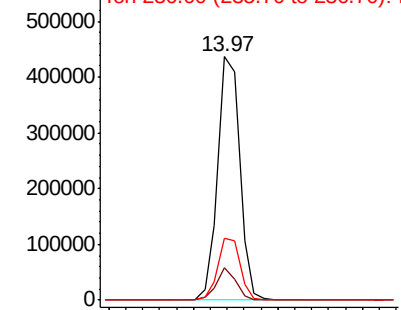


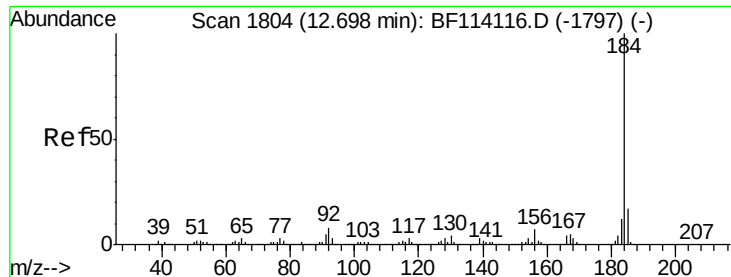
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion:240 Resp: 396660
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 25.6 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: 33.992 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

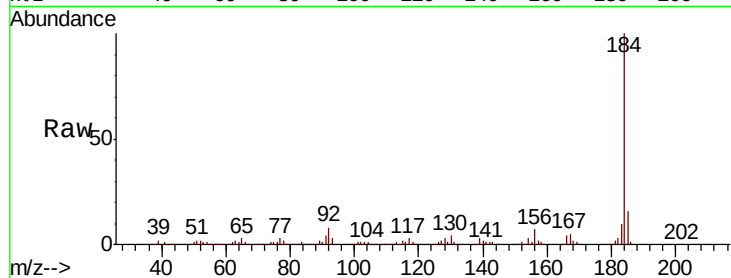
Tot Ion:184 Resp: 605250

Ion Ratio Lower Upper

184 100

185 15.6 13.6 20.4

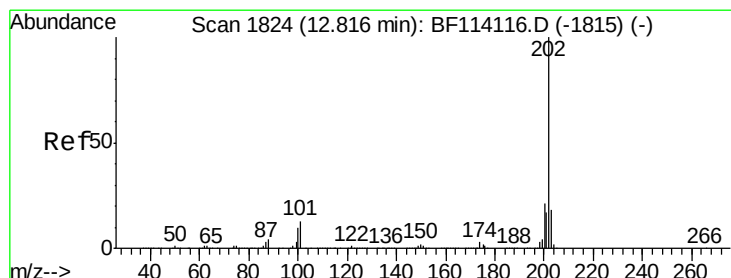
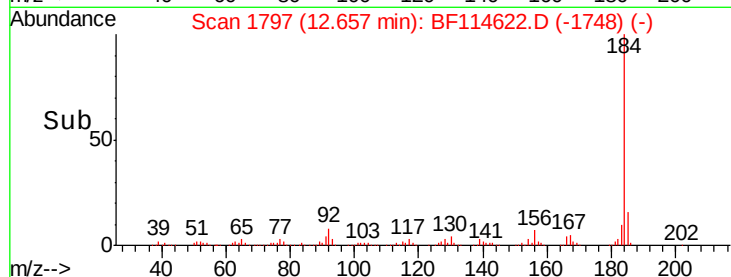
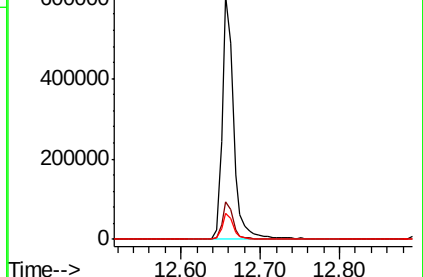
183 10.5 9.2 13.8



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: 41.877 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

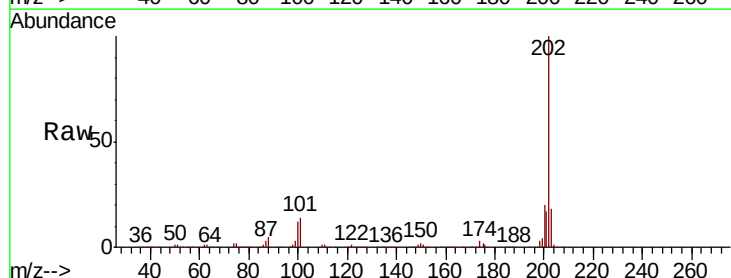
Tgt Ion:202 Resp: 1336280

Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

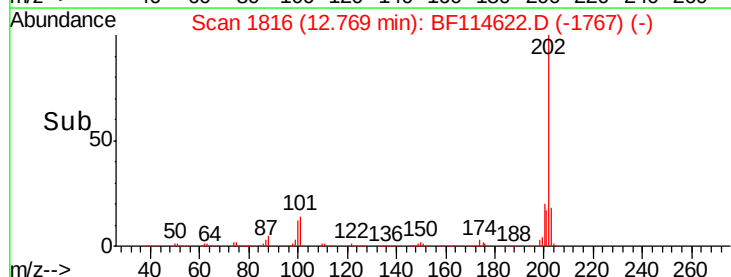
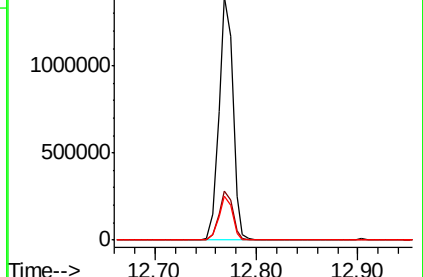
203 18.0 14.5 21.7

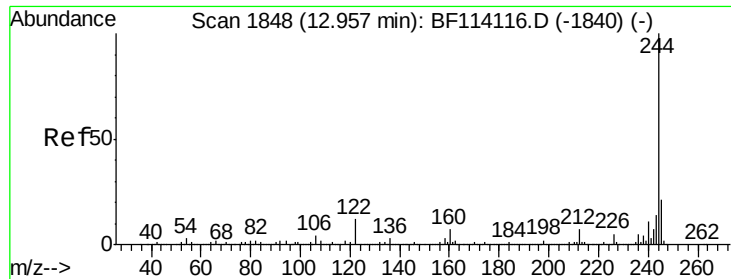


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.961 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

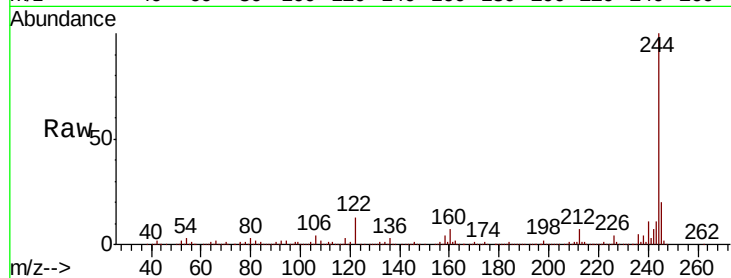
Tot Ion:244 Resp: 1634815

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

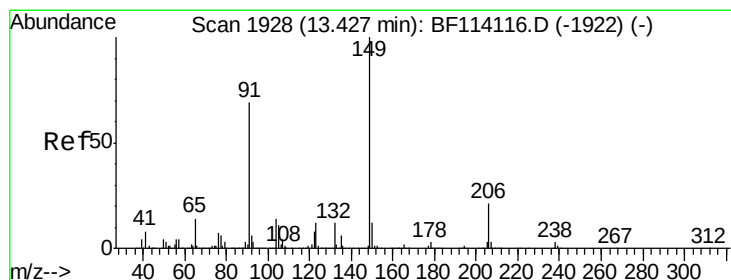
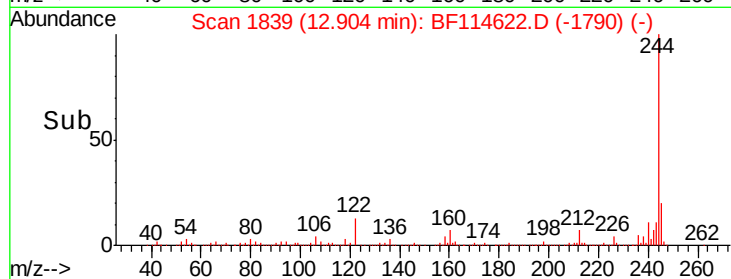
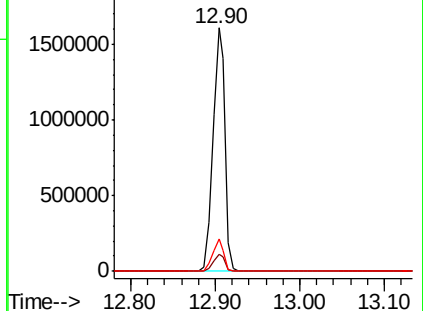
122 13.2 9.4 14.2



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: 43.757 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

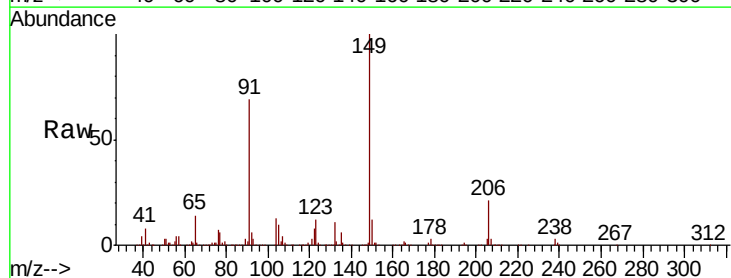
Tgt Ion:149 Resp: 587704

Ion Ratio Lower Upper

149 100

91 68.6 55.0 82.4

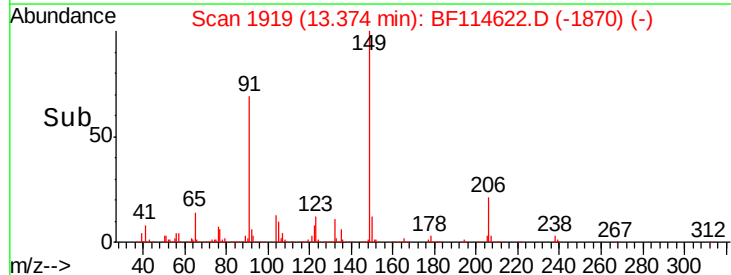
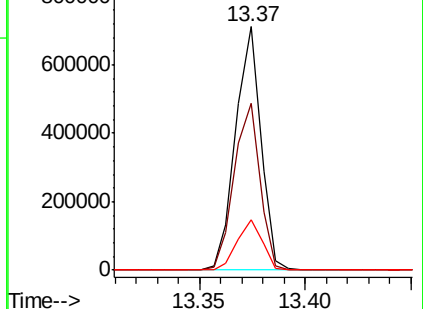
206 20.7 16.9 25.3

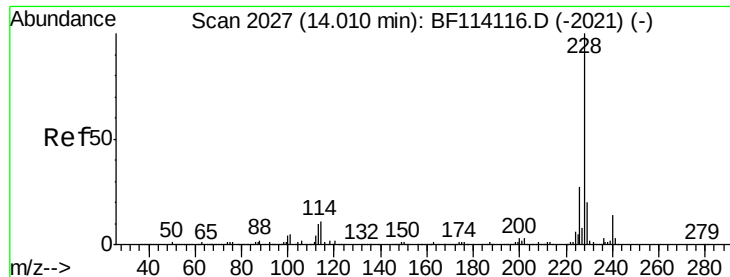


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.045 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

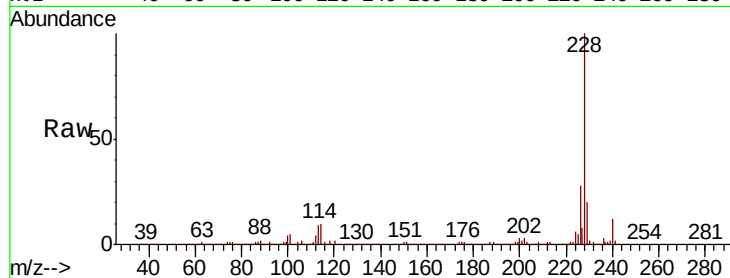
Tot Ion:228 Resp: 1130007

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

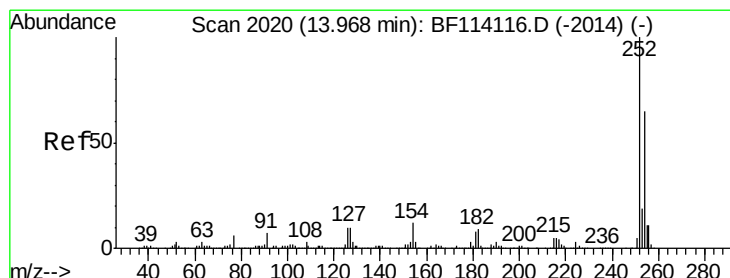
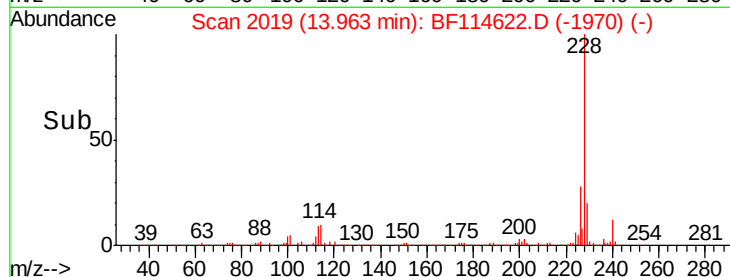
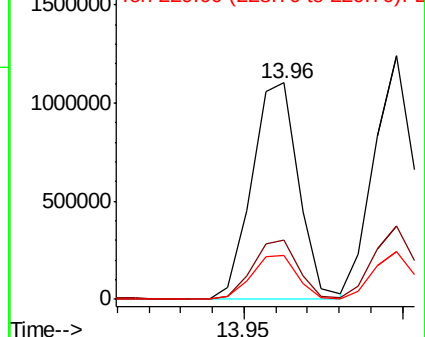
229 20.3 16.4 24.6



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: 43.921 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

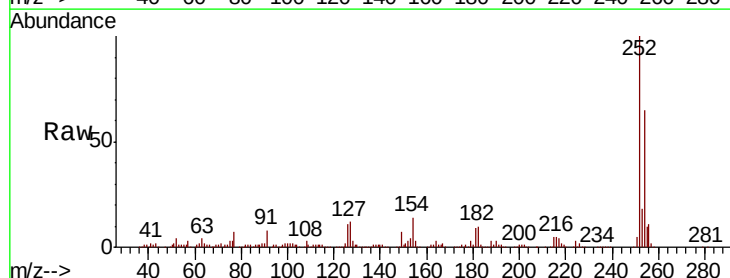
Tgt Ion:252 Resp: 437130

Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

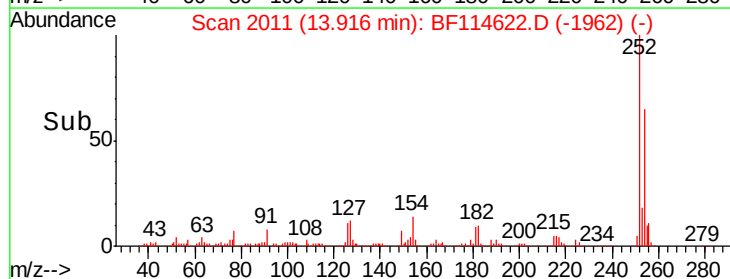
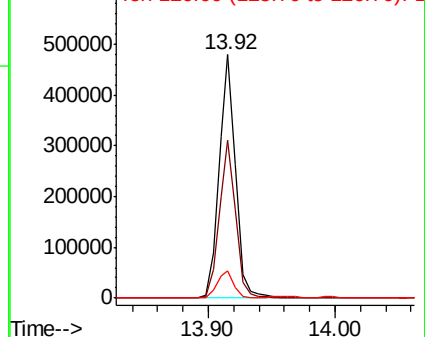
126 11.3 7.9 11.9

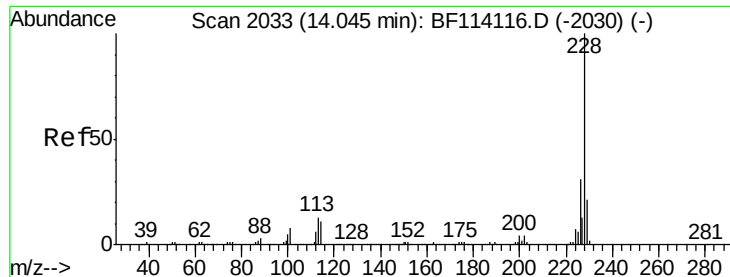


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.468 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

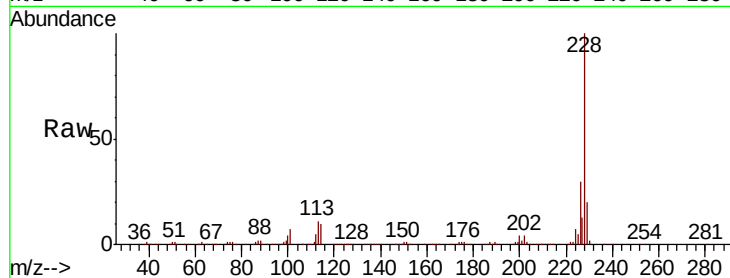
Tot Ion:228 Resp: 1093221

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

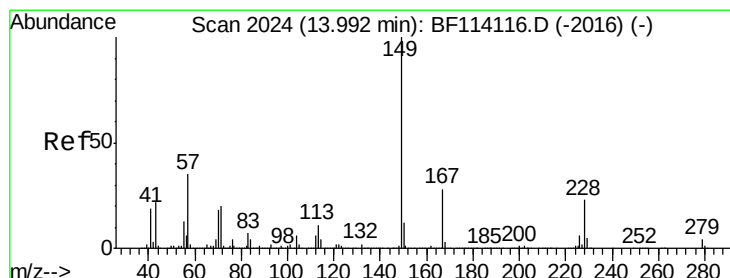
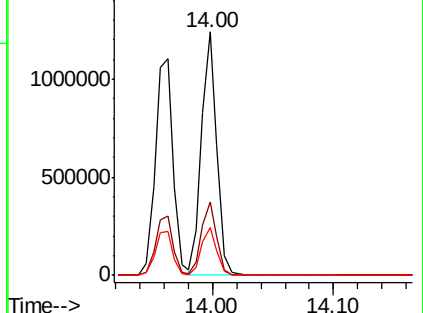
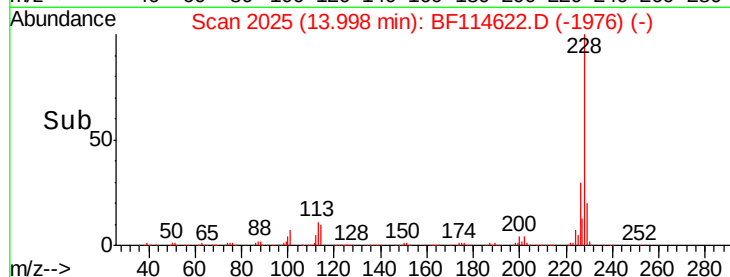
229 19.8 17.0 25.6



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: 44.491 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

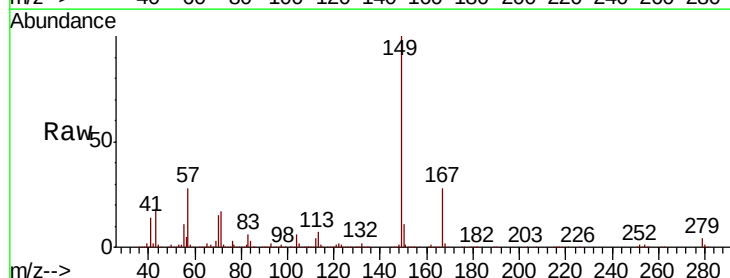
Tgt Ion:149 Resp: 781531

Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

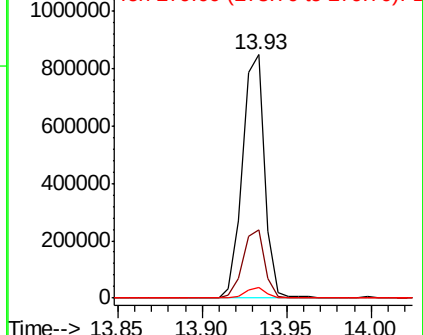
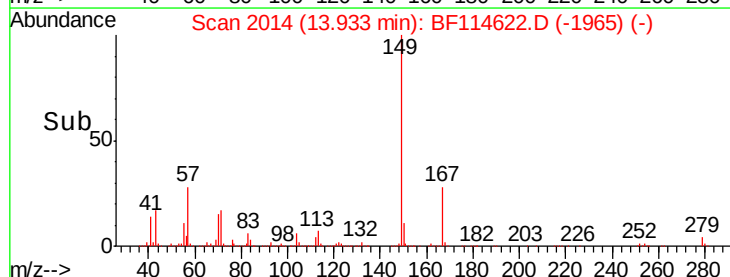
279 4.3 3.0 4.6

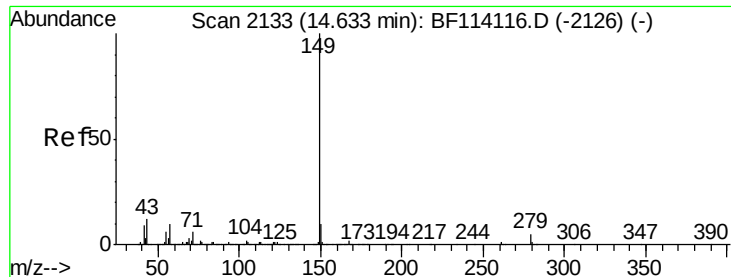


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.987 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

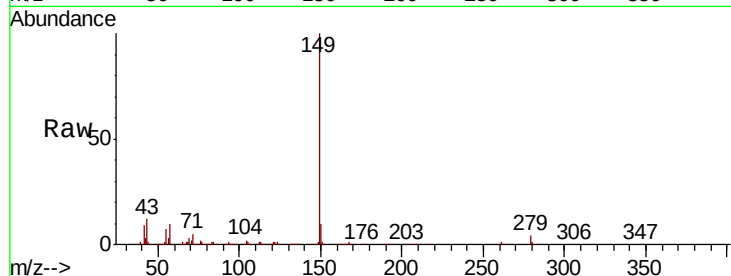
Tot Ion:149 Resp: 1252551

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

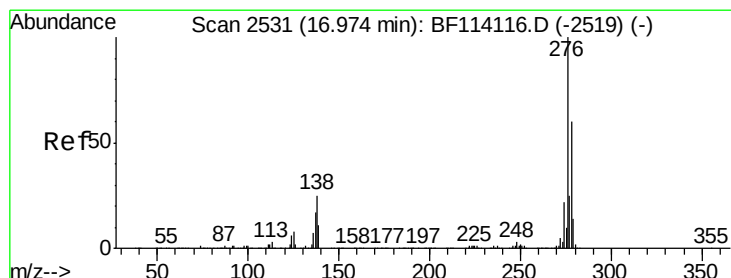
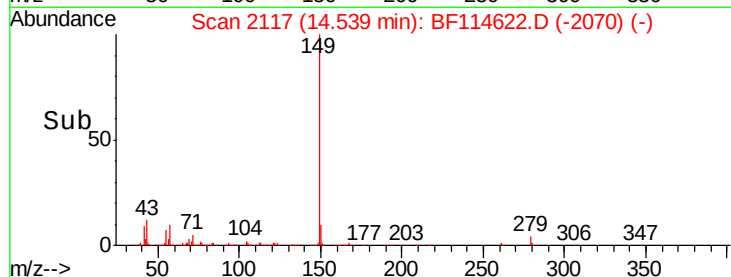
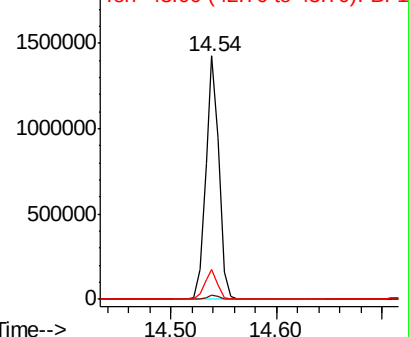
43 11.9 10.1 15.1



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: 45.466 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

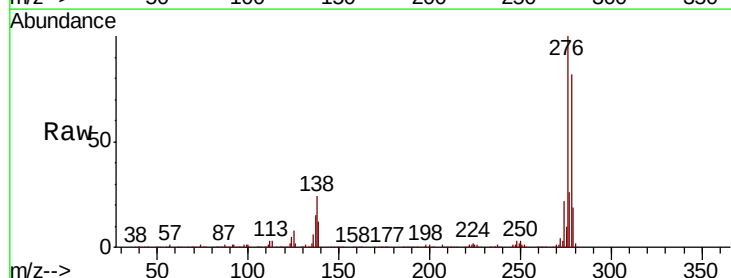
Tgt Ion:276 Resp: 1010565

Ion Ratio Lower Upper

276 100

138 24.2 20.2 30.2

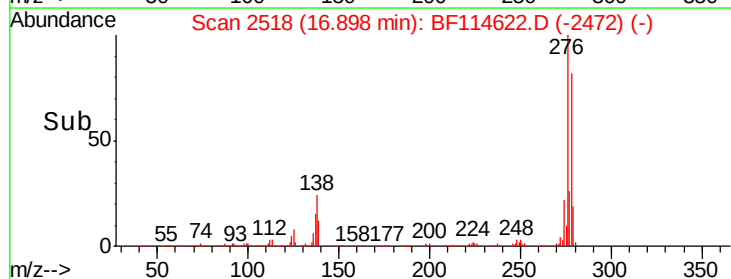
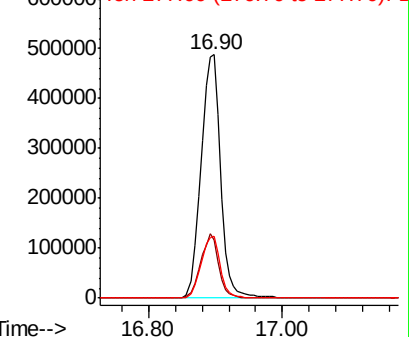
277 25.0 20.0 30.0

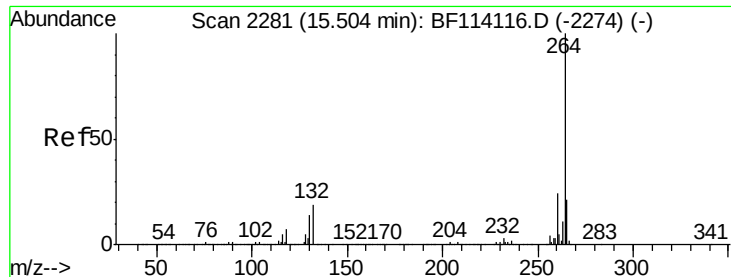


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

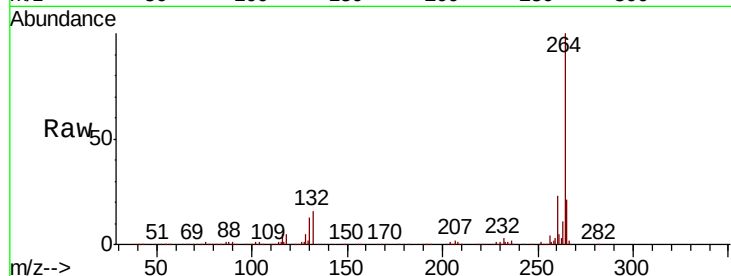
Tot Ion:264 Resp: 387185

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.2 16.9 25.3

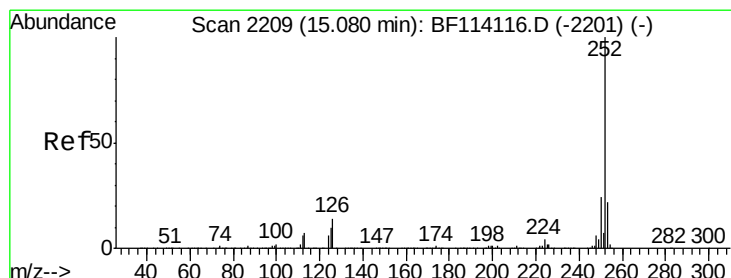
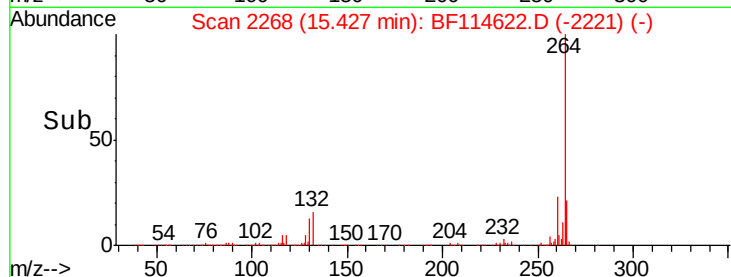
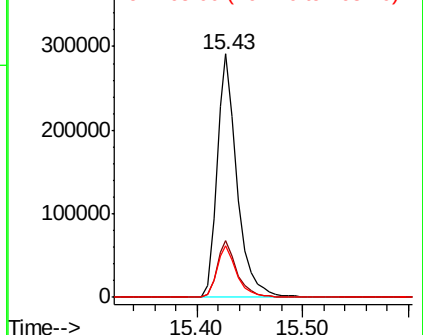


Abundance

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: 43.469 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

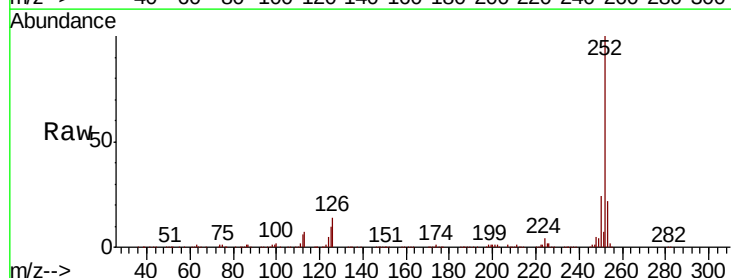
Tgt Ion:252 Resp: 1078250

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.2 8.3 12.5

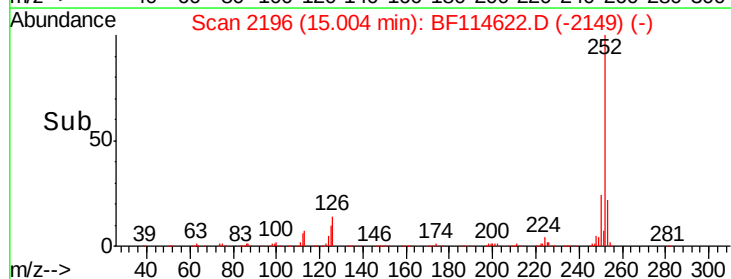
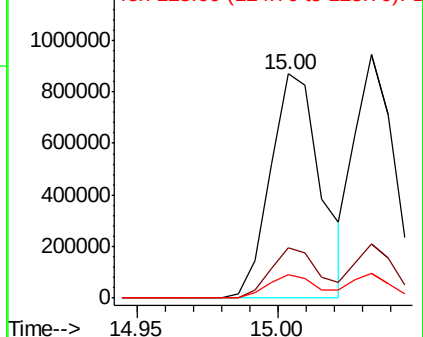


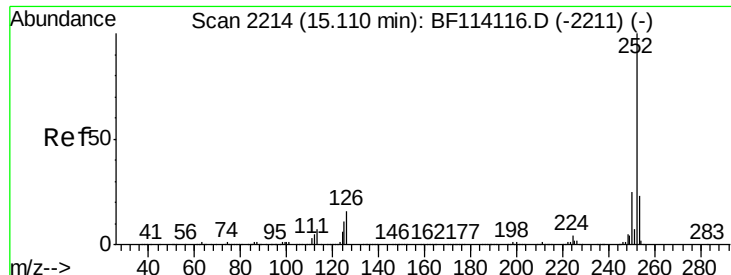
Abundance

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

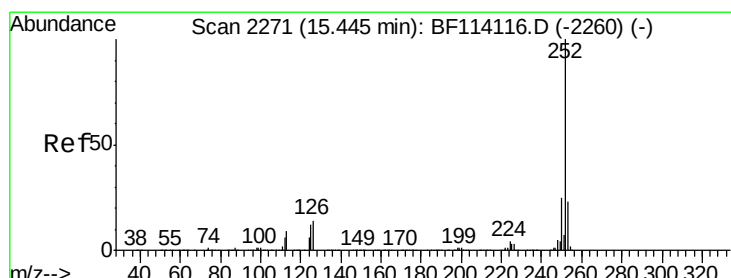
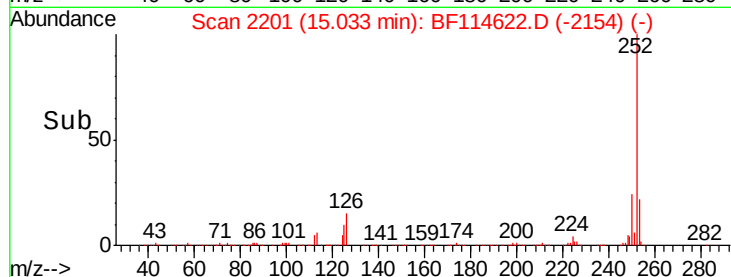
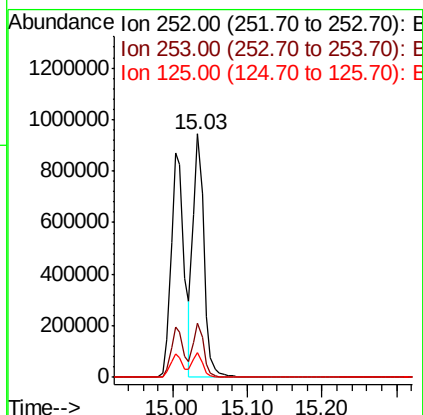
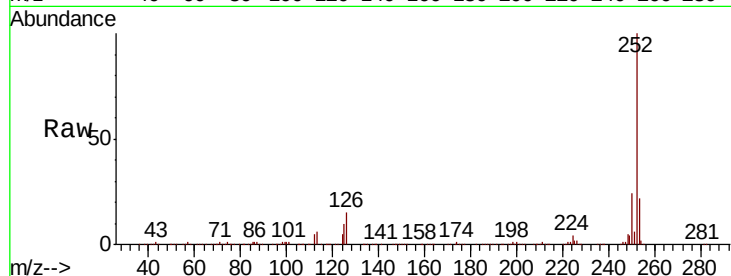




#89
Benzo(k)fluoranthene
Concen: 41.703 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

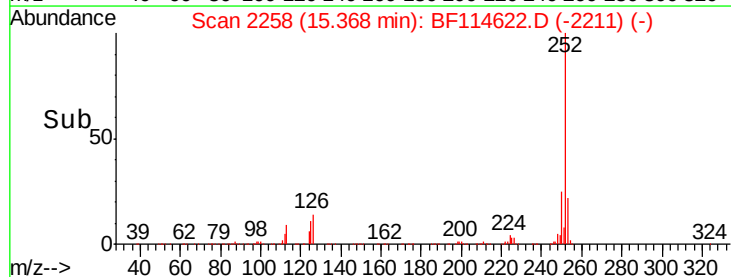
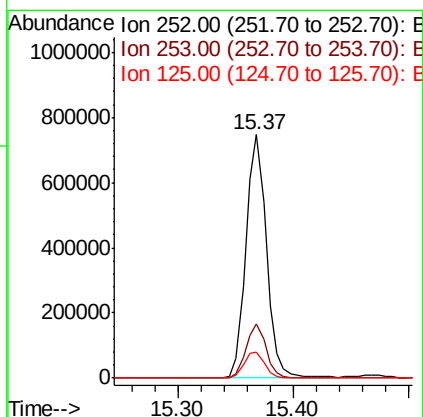
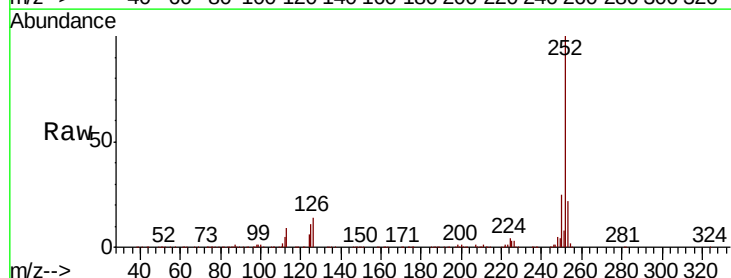
Instrument :
BNA_F
ClientSampleId :

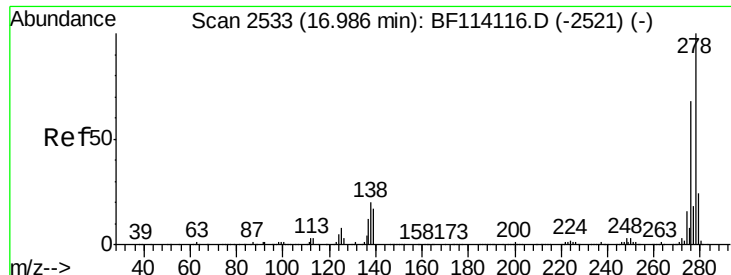
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.2	8.6	13.0



#90
Benzo(a)pyrene
Concen: 42.203 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114622.D
Acq: 25 May 2019 23:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.9	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 45.052 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

Instrument :

BNA_F

ClientSampleId :

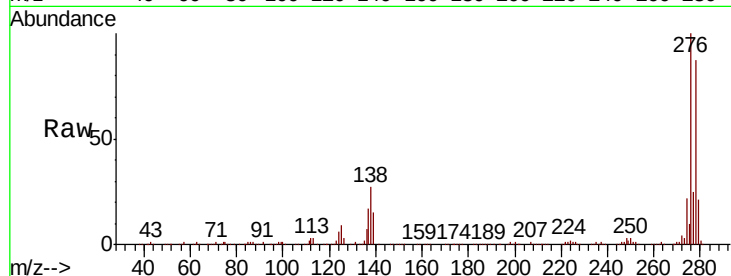
Tot Ion:278 Resp: 817263

Ion Ratio Lower Upper

278 100

139 16.7 13.5 20.3

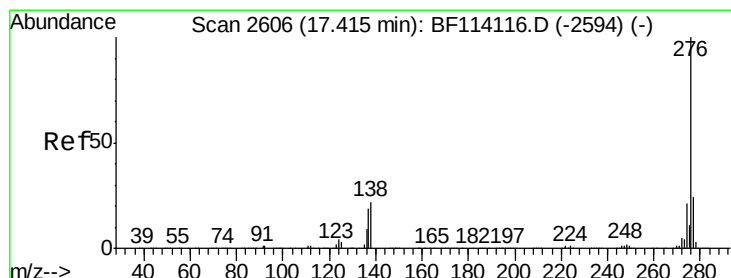
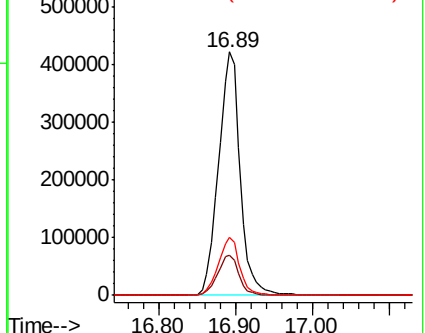
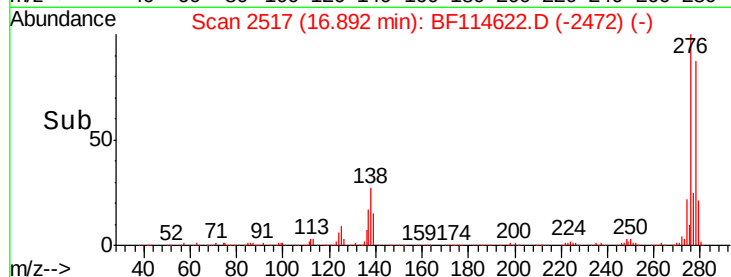
279 23.9 19.0 28.6



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: 46.029 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114622.D

Acq: 25 May 2019 23:19

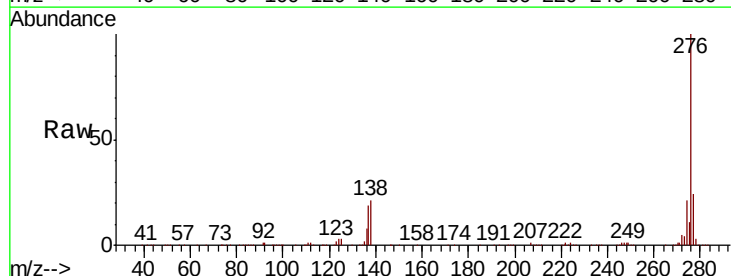
Tgt Ion:276 Resp: 836780

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 21.0 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

