

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114605.D
 Acq On : 25 May 2019 15:53
 Operator : JU/SJ
 Sample : PB119807BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:42:34 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	151814	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	583343	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	280912	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	548803	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	379202	20.00	ng	-0.02
87) Perylene-d12	15.43	264	368166	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1187434	125.87	ng	0.00
7) Phenol-d6	6.45	99	1507899	135.15	ng	-0.01
23) Nitrobenzene-d5	7.37	82	915098	88.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	380202	130.92	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1704937	91.81	ng	-0.02
79) Terphenyl-d14	12.91	244	1695367	92.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	207371	39.992	ng	99
3) Pyridine	3.36	79	411294	28.789	ng	100
4) n-Nitrosodimethylamine	3.30	42	231753	33.639	ng	96
6) Aniline	6.47	93	447733	27.779	ng	# 39
8) 2-Chlorophenol	6.59	128	432876	42.982	ng	98
9) Benzaldehyde	6.35	77	209808	26.860	ng	98
10) Phenol	6.46	94	537713	40.967	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	426960	42.847	ng	98
12) 1,3-Dichlorobenzene	6.74	146	457565	40.475	ng	98
13) 1,4-Dichlorobenzene	6.82	146	466844	40.981	ng	98
14) 1,2-Dichlorobenzene	6.97	146	434251	41.725	ng	98
15) Benzyl Alcohol	6.95	79	346887	39.862	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	757866	39.225	ng	56
17) 2-Methylphenol	7.07	107	343320	41.499	ng	# 89
18) Hexachloroethane	7.31	117	171834	40.186	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	298906	42.265	ng	98
20) 3+4-Methylphenols	7.22	107	453618	47.458	ng	# 72
22) Acetophenone	7.21	105	593550	45.930	ng	# 89
24) Nitrobenzene	7.39	77	457143	43.180	ng	97
25) Isophorone	7.62	82	835430	43.336	ng	99
26) 2-Nitrophenol	7.70	139	236959	46.133	ng	99
27) 2,4-Dimethylphenol	7.75	122	389337	48.262	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	538896	43.084	ng	99
29) 2,4-Dichlorophenol	7.95	162	373350	46.477	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	394188	43.154	ng	99
31) Naphthalene	8.10	128	1249211	45.844	ng	98
32) Benzoic acid	7.90	122	217699	39.332	ng	97
33) 4-Chloroaniline	8.16	127	330311	26.601	ng	97
34) Hexachlorobutadiene	8.22	225	218505	42.041	ng	99
35) Caprolactam	8.53	113	58662	22.396	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	389106	48.122	ng	100
37) 2-Methylnaphthalene	8.80	142	847416	48.201	ng	97
38) 1-Methylnaphthalene	8.90	142	792366	47.859	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	384263	45.157	ng	100

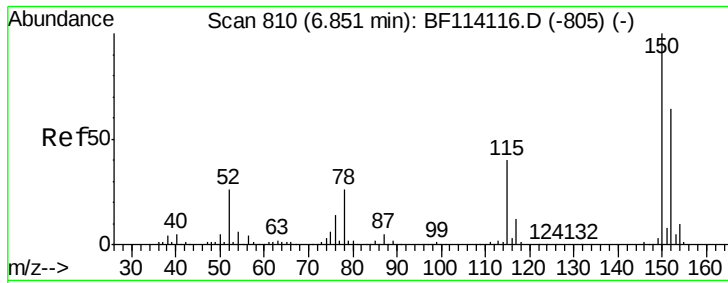
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	191783	50.086	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	240790	41.139	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	245641	40.923	ng	97
46) 1,1'-Biphenyl	9.26	154	1034470	45.584	ng	98
47) 2-Chloronaphthalene	9.29	162	786880	43.084	ng	99
48) 2-Nitroaniline	9.39	65	260436	40.208	ng	93
49) Acenaphthylene	9.70	152	1235461	44.476	ng	99
50) Dimethylphthalate	9.56	163	907346	44.000	ng	100
51) 2,6-Dinitrotoluene	9.63	165	200197	43.770	ng	95
52) Acenaphthene	9.87	154	733293	43.019	ng	99
53) 3-Nitroaniline	9.80	138	158451	27.907	ng	96
54) 2,4-Dinitrophenol	9.93	184	167750	73.534	ng	92
55) Dibenzofuran	10.05	168	1059082	42.371	ng	99
56) 4-Nitrophenol	9.99	139	207129	51.586	ng	98
57) 2,4-Dinitrotoluene	10.05	165	248079	39.961	ng	# 81
58) Fluorene	10.39	166	878557	45.505	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.13	232	172096	33.228	ng	93
60) Diethylphthalate	10.26	149	909237	43.395	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	421429	44.443	ng	97
62) 4-Nitroaniline	10.42	138	216487	36.285	ng	97
63) Azobenzene	10.54	77	872615	43.026	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	121090	45.918	ng	98
66) n-Nitrosodiphenylamine	10.50	169	771227	46.302	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	264613	43.792	ng	96
68) Hexachlorobenzene	10.95	284	281691	42.140	ng	94
69) Atrazine	11.03	200	227681	43.925	ng	98
70) Pentachlorophenol	11.15	266	183651	57.956	ng	98
71) Phenanthrene	11.35	178	1210095	45.322	ng	99
72) Anthracene	11.40	178	1255068	46.800	ng	99
73) Carbazole	11.56	167	1168407	45.689	ng	98
74) Di-n-butylphthalate	11.88	149	1413540	47.978	ng	100
75) Fluoranthene	12.54	202	1283478	44.639	ng	99
77) Benzidine	12.66	184	633189	37.199	ng	97
78) Pyrene	12.77	202	1295268	42.461	ng	99
80) Butylbenzylphthalate	13.37	149	596976	46.494	ng	99
81) Benzo(a)anthracene	13.96	228	1084605	44.222	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	335041	35.214	ng	98
83) Chrysene	14.00	228	1049311	43.643	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	822546	48.982	ng	100
85) Di-n-octyl phthalate	14.54	149	1358897	49.919	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	993167	46.740	ng	99
88) Benzo(b)fluoranthene	15.00	252	1144809	48.536	ng	99
89) Benzo(k)fluoranthene	15.03	252	973433	44.927	ng	99
90) Benzo(a)pyrene	15.37	252	1003770	48.355	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	833018	48.293	ng	100
92) Benzo(g,h,i)perylene	17.33	276	834769	48.291	ng	99

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

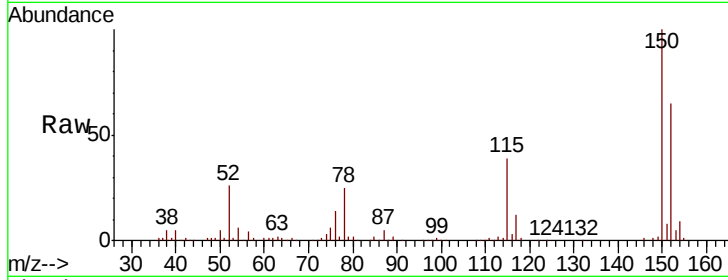


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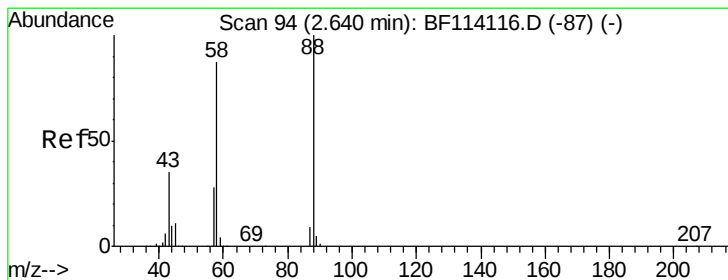
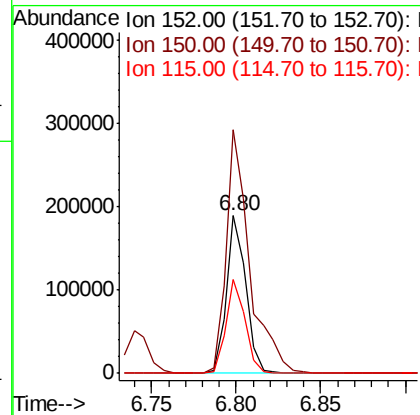
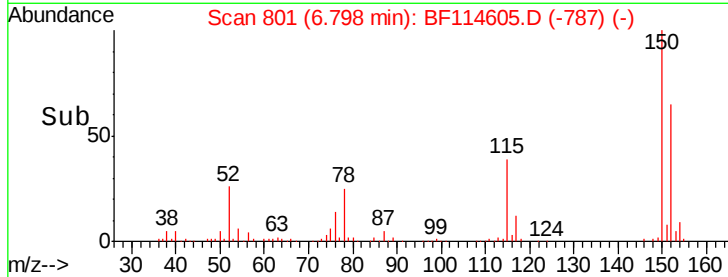
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151814
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 59.6 49.1 73.7



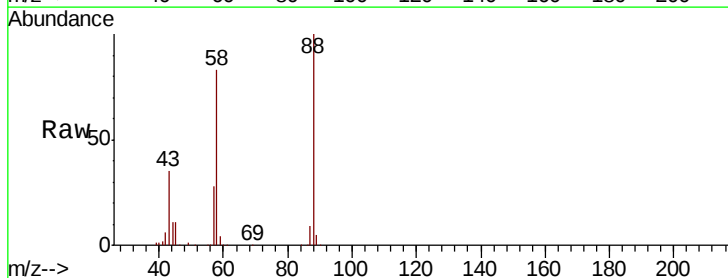
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



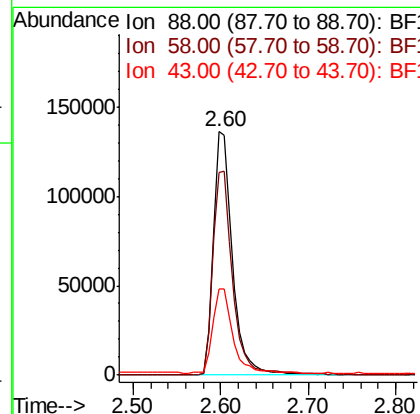
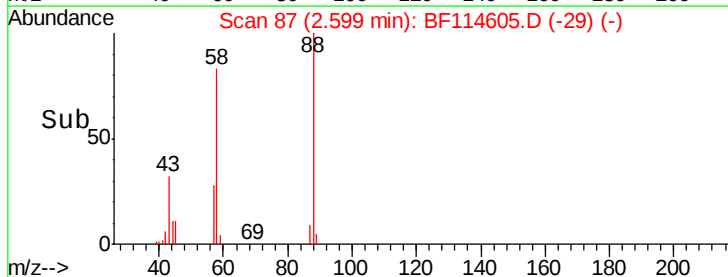
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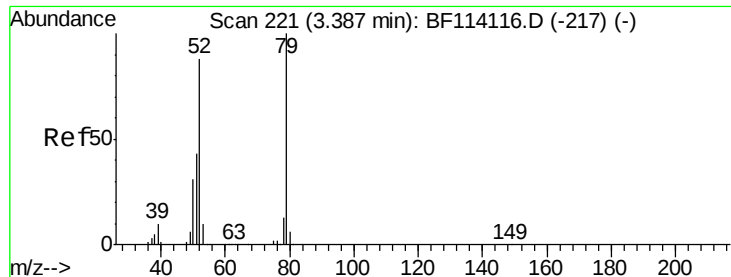
1,4-Dioxane
Concen: 39.992 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.04 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion: 88 Resp: 207371
Ion Ratio Lower Upper
88 100
58 87.2 68.7 103.1
43 35.3 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: 28.789 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampled :

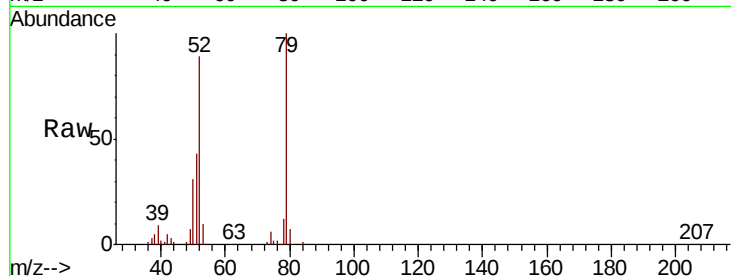
Tot Ion: 79 Resp: 411294

Ion Ratio Lower Upper

79 100

52 88.7 70.6 105.8

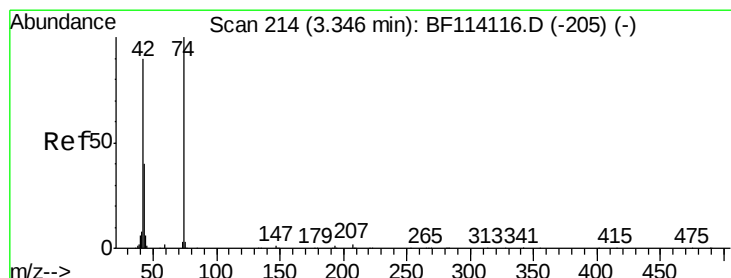
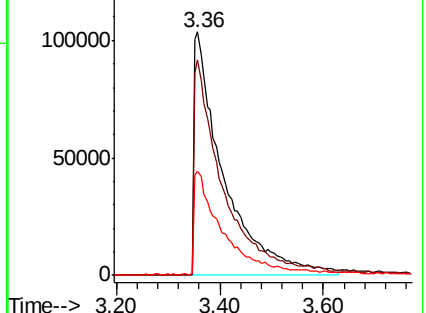
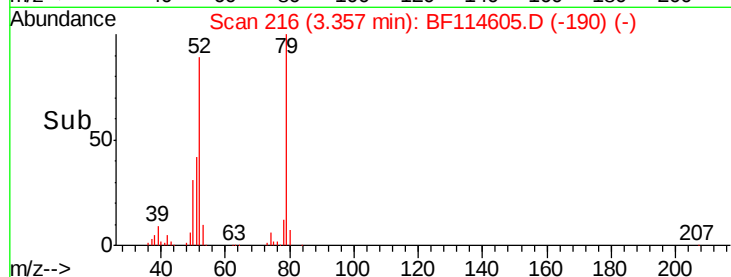
51 42.6 34.2 51.2



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: 33.639 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.04 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

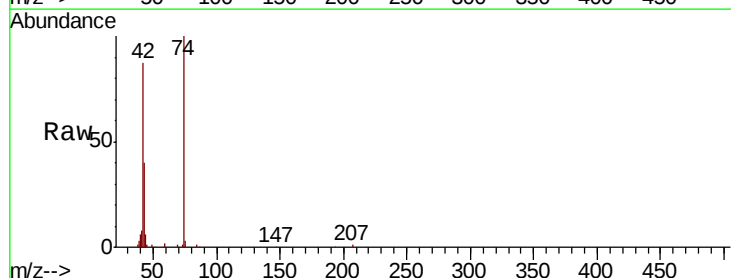
Tgt Ion: 42 Resp: 231753

Ion Ratio Lower Upper

42 100

74 114.6 88.6 132.8

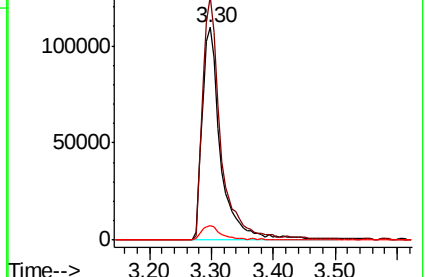
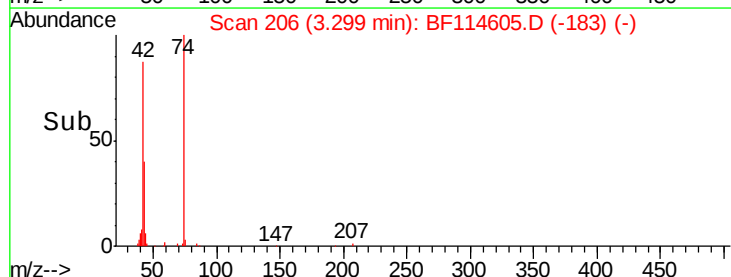
44 6.7 5.5 8.3



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: 125.871 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampled :

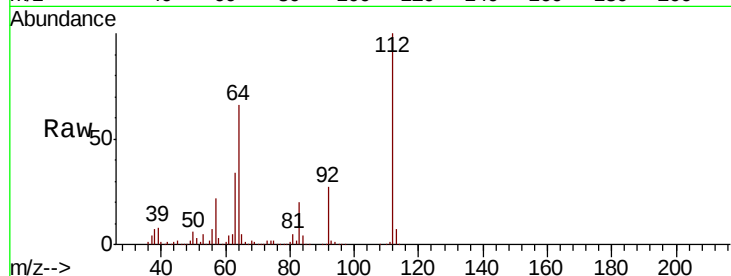
Tot Ion:112 Resp: 1187434

Ion Ratio Lower Upper

112 100

64 65.7 49.0 73.6

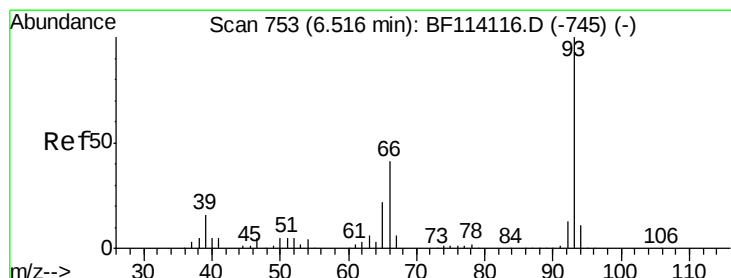
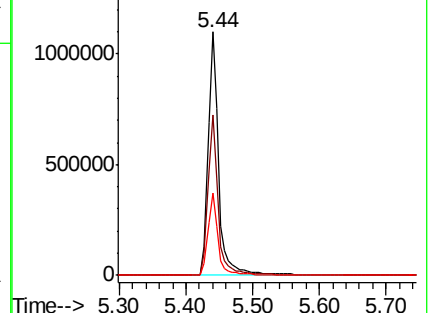
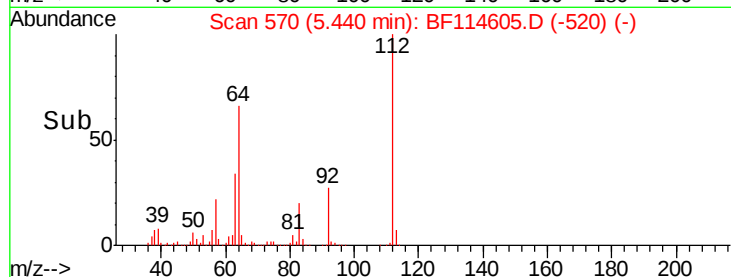
63 33.9 24.6 37.0



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: 27.779 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

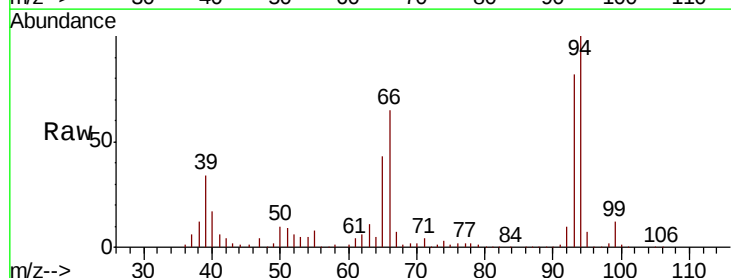
Tgt Ion: 93 Resp: 447733

Ion Ratio Lower Upper

93 100

66 79.0 33.2 49.8#

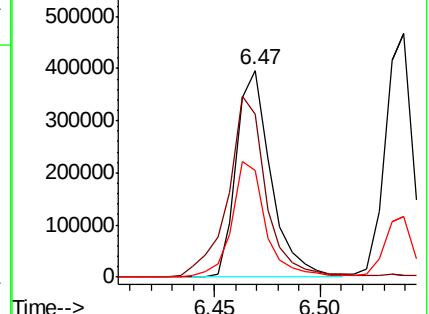
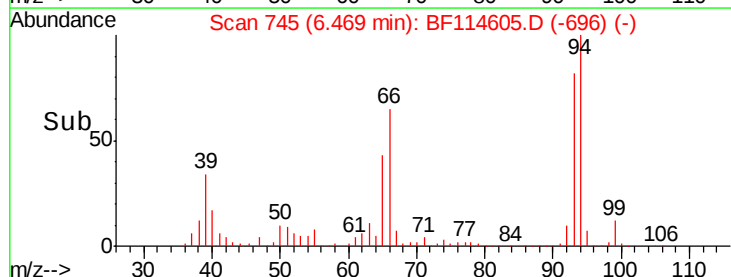
65 51.9 17.6 26.4#



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: 135.145 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

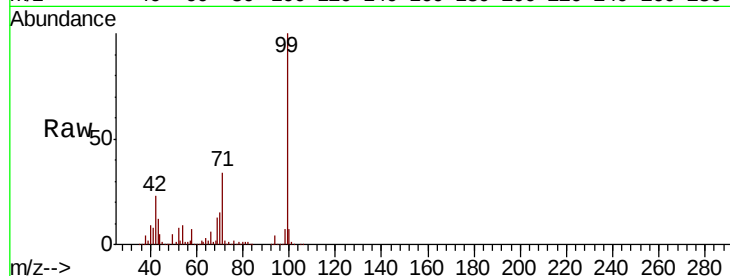
Tot Ion: 99 Resp: 1507899

Ion Ratio Lower Upper

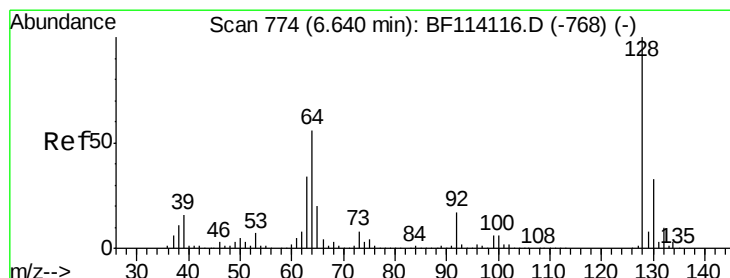
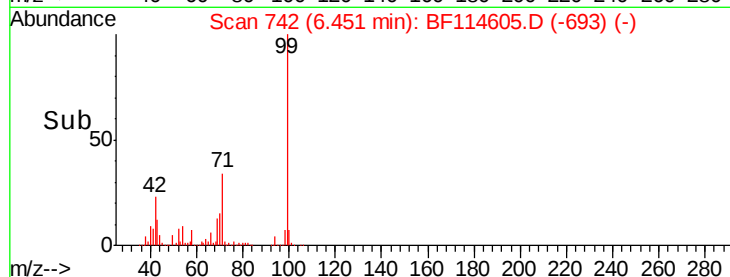
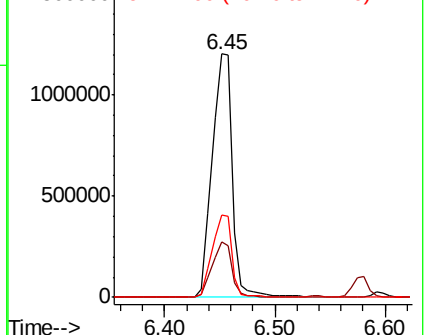
99 100

42 23.0 17.9 26.9

71 33.7 26.2 39.2



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



#8

2-Chlorophenol

Concen: 42.982 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

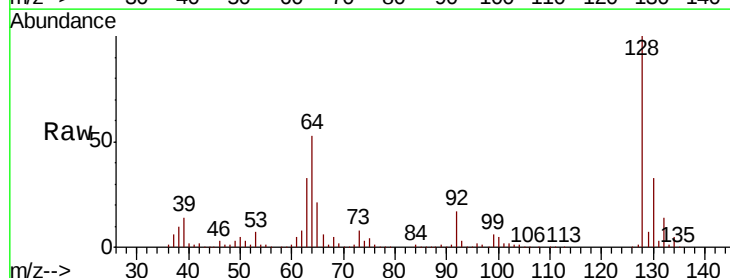
Tgt Ion: 128 Resp: 432876

Ion Ratio Lower Upper

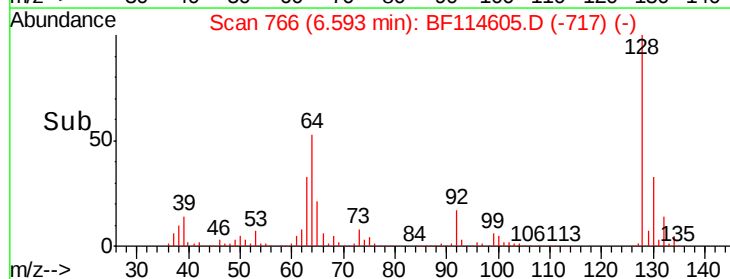
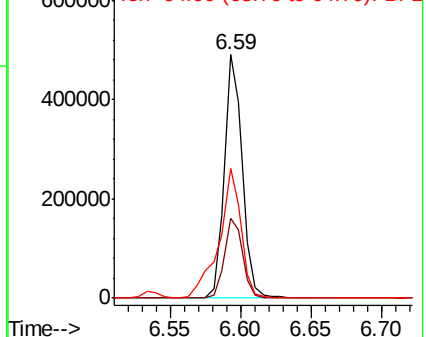
128 100

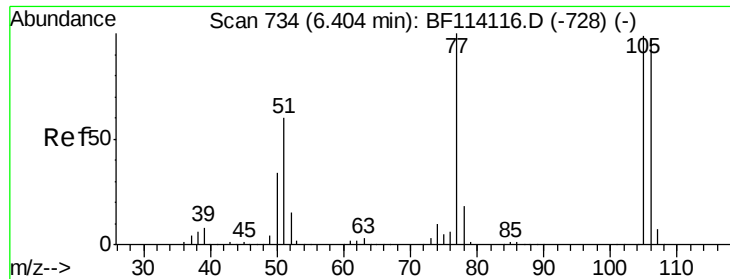
130 32.8 12.6 52.6

64 53.4 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: 26.860 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampled :

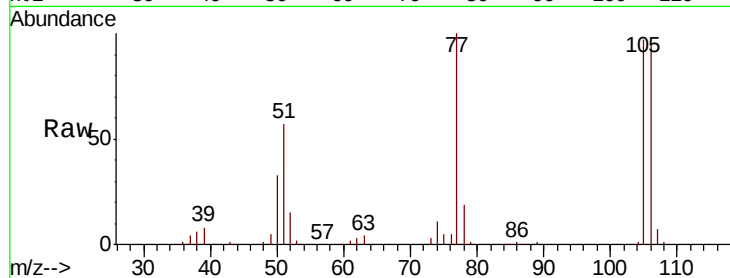
Tot Ion: 77 Resp: 209808

Ion Ratio Lower Upper

77 100

105 96.5 79.3 119.3

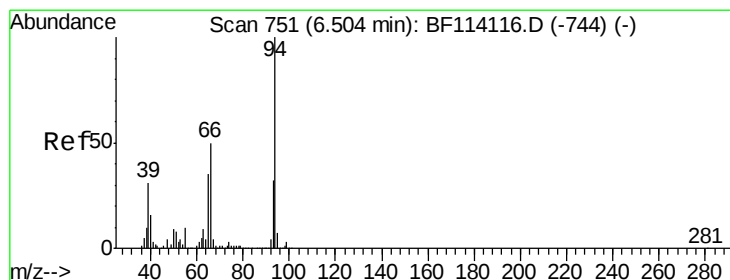
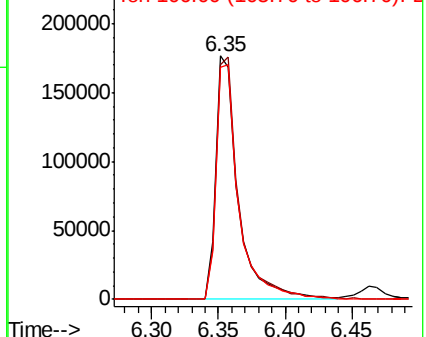
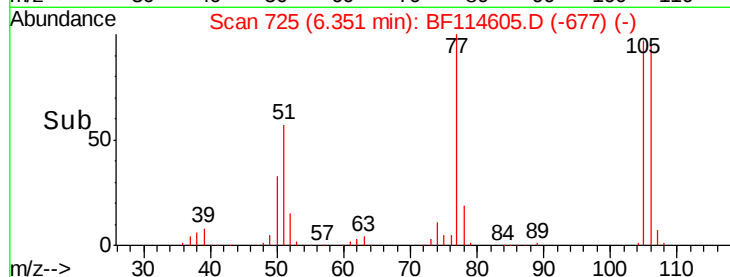
106 95.3 77.0 117.0



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: 40.967 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

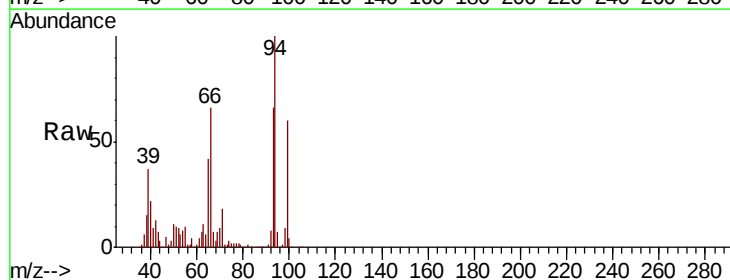
Tgt Ion: 94 Resp: 537713

Ion Ratio Lower Upper

94 100

65 42.2 14.7 54.7

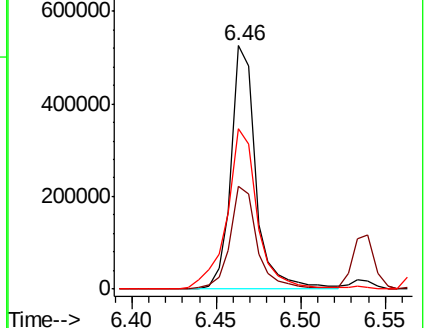
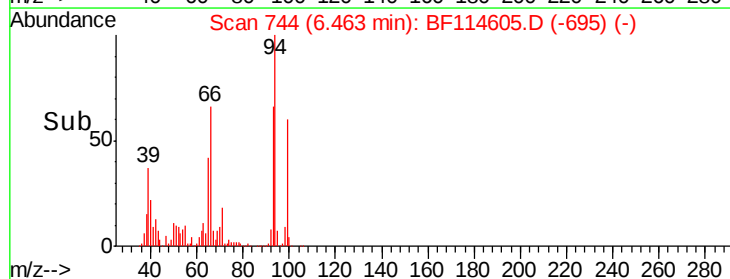
66 66.0 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

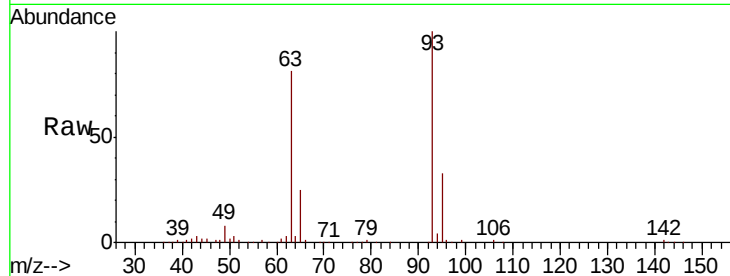




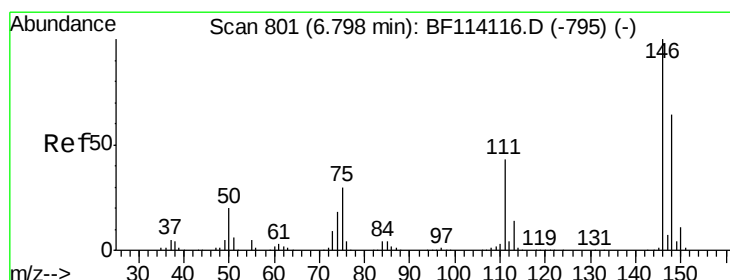
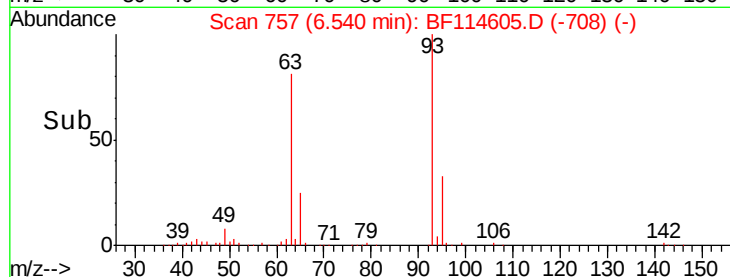
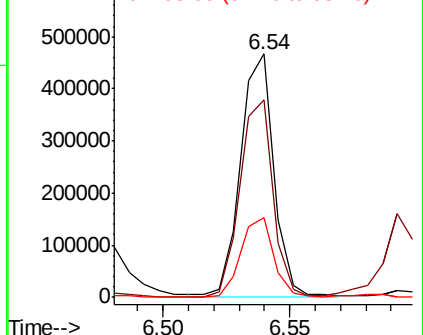
#11
 bis(2-Chloroethyl)ether
 Concen: 42.847 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	93	Resp	426960
Ion Ratio	Lower	Upper	
93	100		
63	81.0	63.6	103.6
95	32.8	13.1	53.1

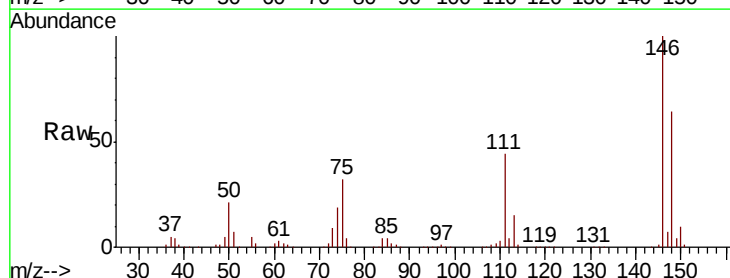


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

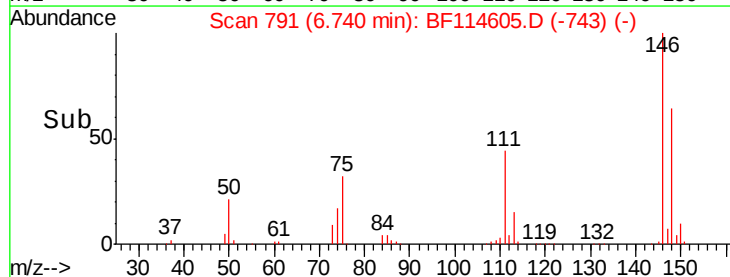
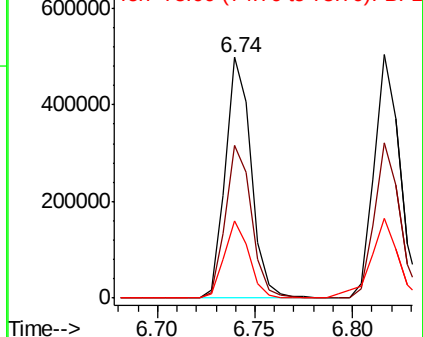


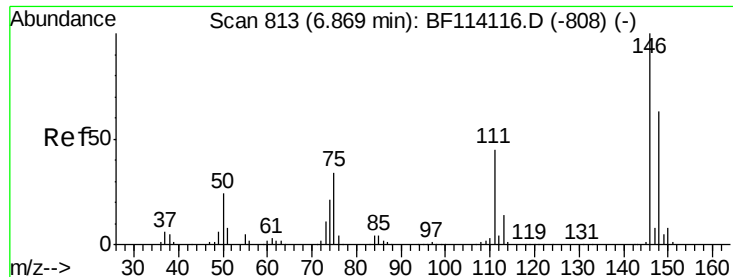
#12
 1,3-Dichlorobenzene
 Concen: 40.475 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	146	Resp	457565
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.6	77.4
75	32.3	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

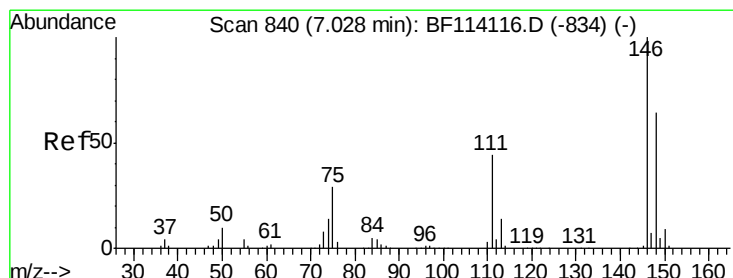
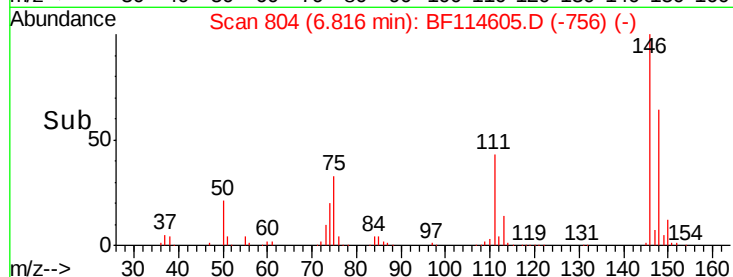
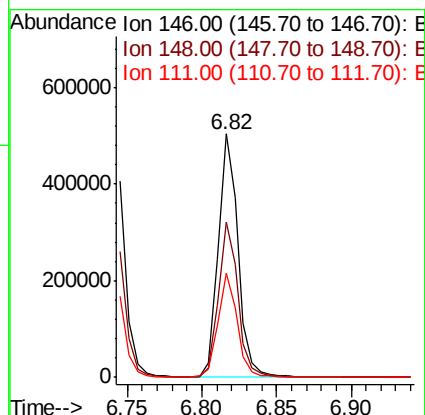
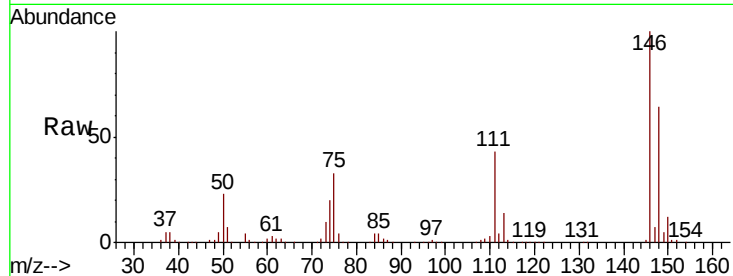




#13
 1,4-Dichlorobenzene
 Concen: 40.981 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

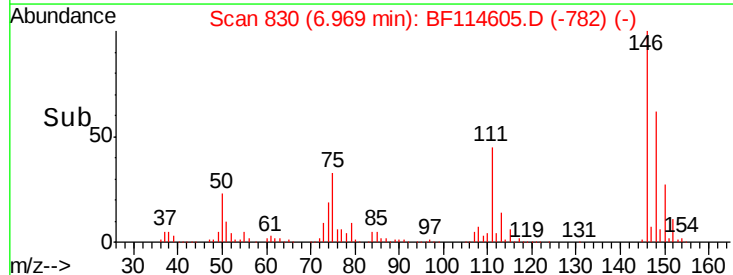
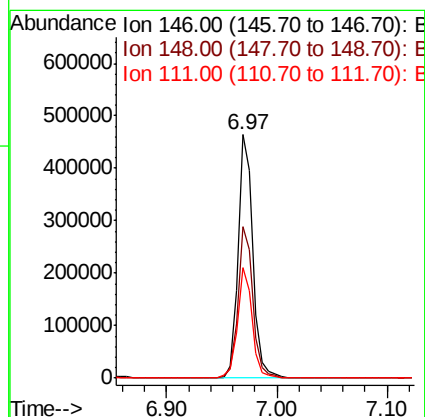
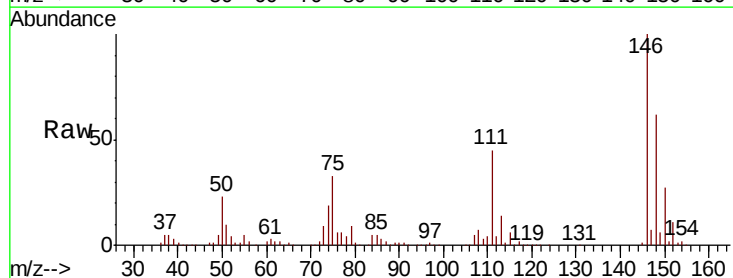
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 466844
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.2 75.2
 111 42.6 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 41.725 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion:146 Resp: 434251
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.1 76.7
 111 45.2 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.862 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampled :

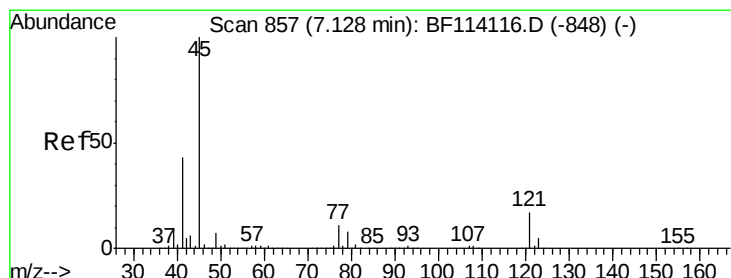
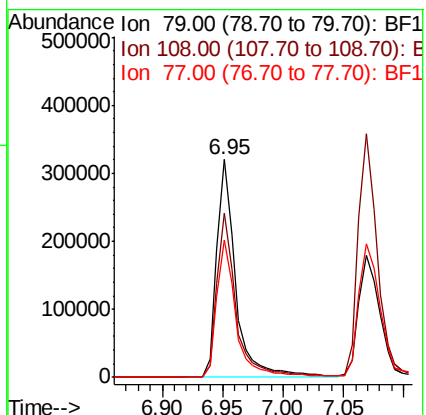
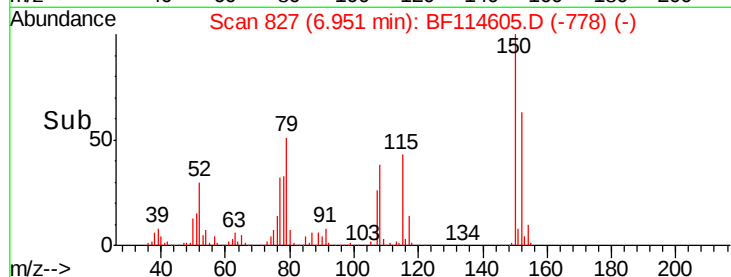
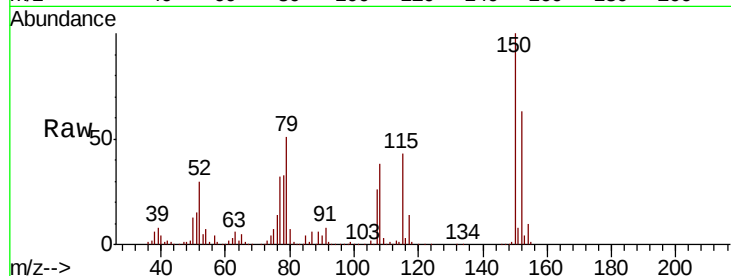
Tot Ion: 79 Resp: 346887

Ion Ratio Lower Upper

79 100

108 75.4 62.1 93.1

77 63.2 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.225 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

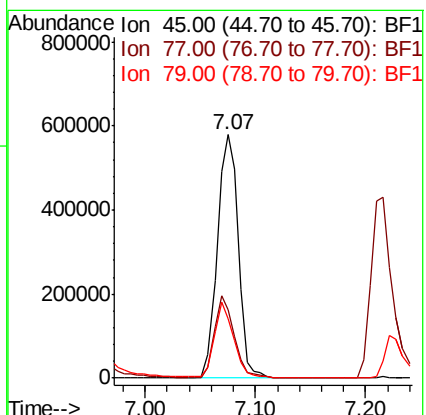
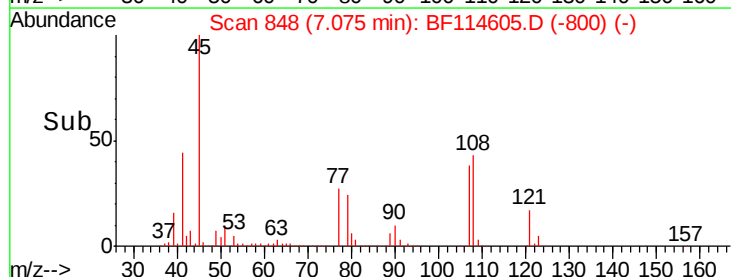
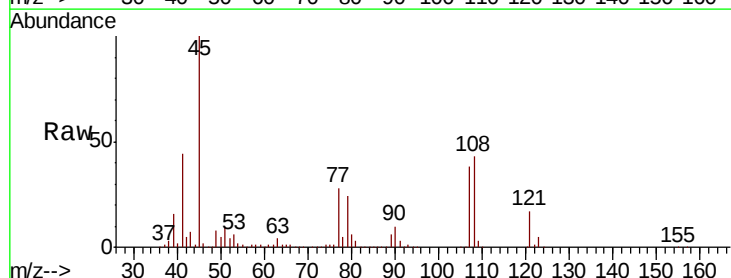
Tgt Ion: 45 Resp: 757866

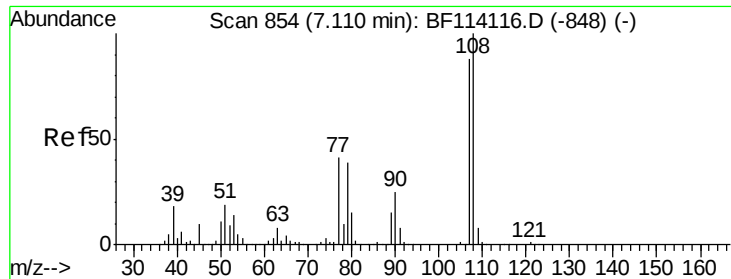
Ion Ratio Lower Upper

45 100

77 27.9 0.0 31.1

79 24.4 0.0 28.4

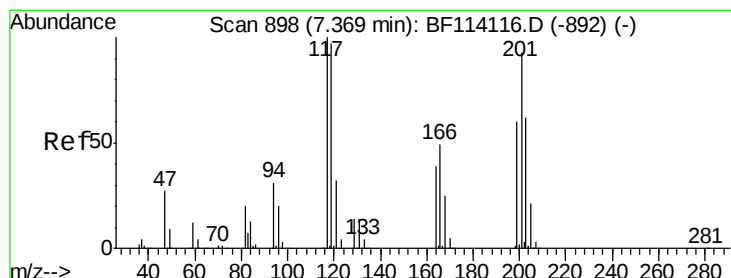
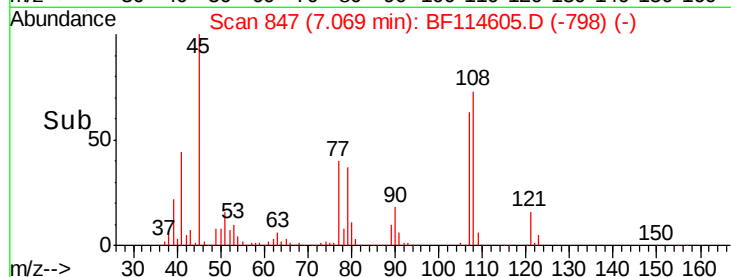
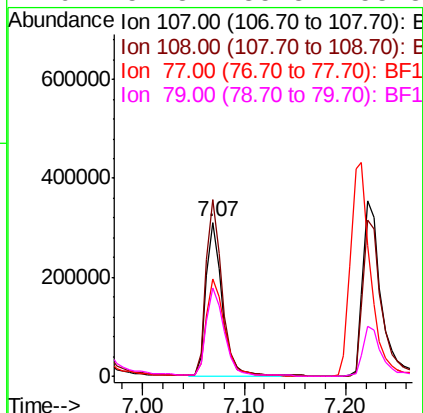
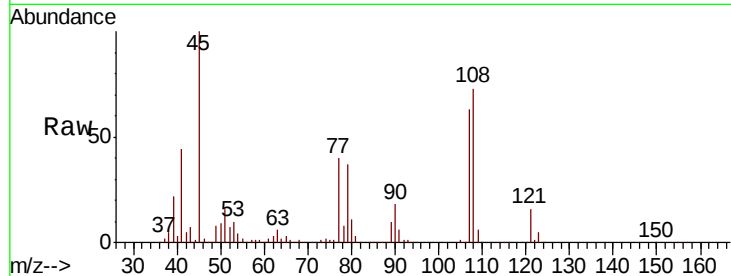




#17
2-Methylphenol
Concen: 41.499 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

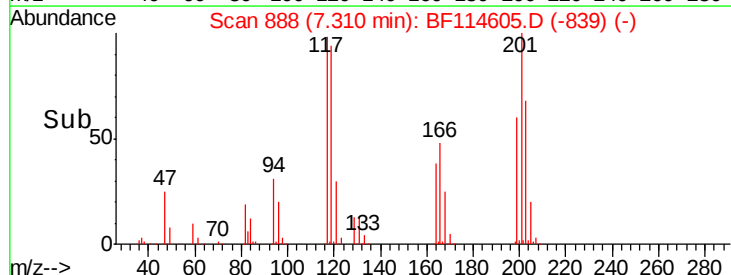
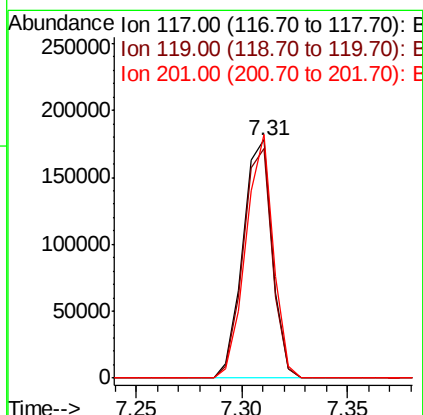
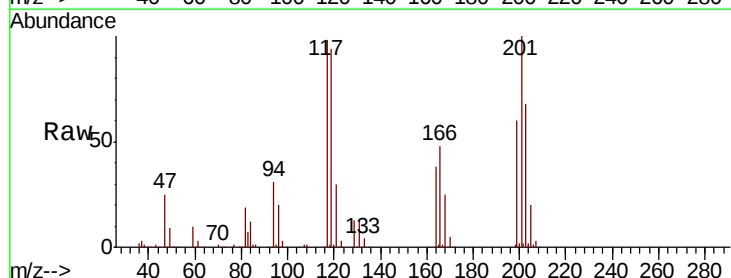
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.5	135.7
77	63.2	37.0	55.4
79	57.8	35.8	53.8



#18
Hexachloroethane
Concen: 40.186 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
201	102.2	74.5	111.7

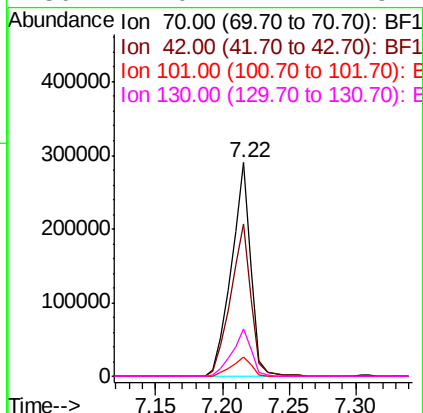
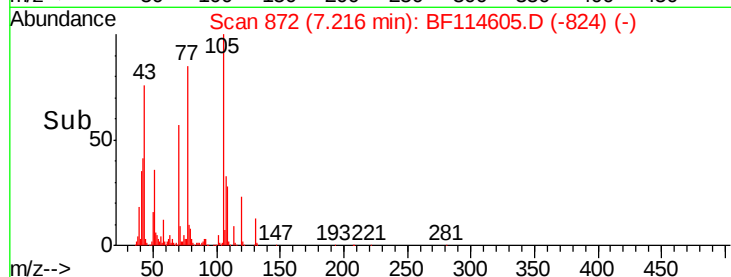
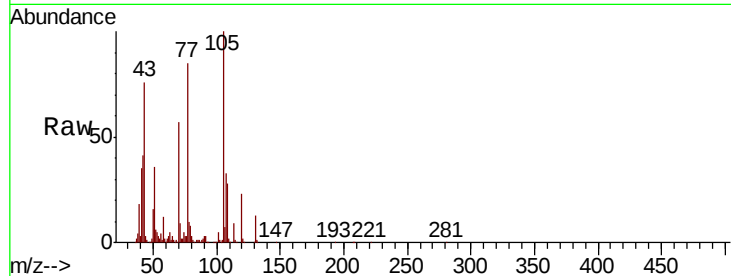




#19
n-Nitroso-di-n-propylamine
Concen: 42.265 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

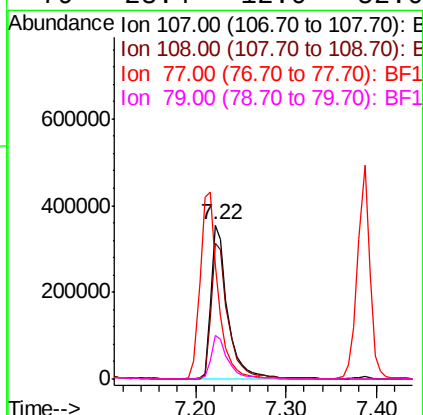
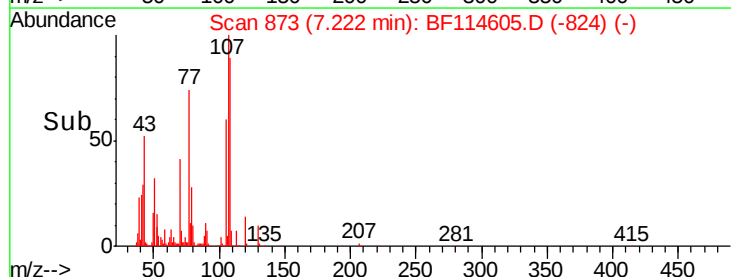
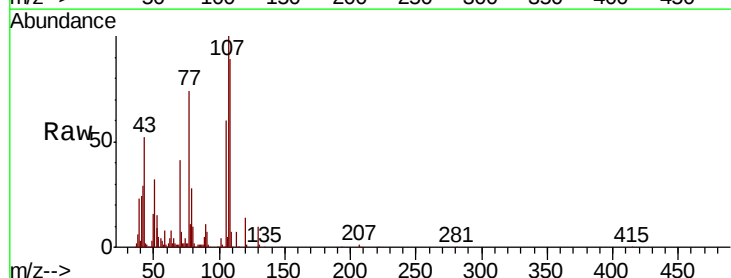
Instrument :
BNA_F
ClientSampleId :

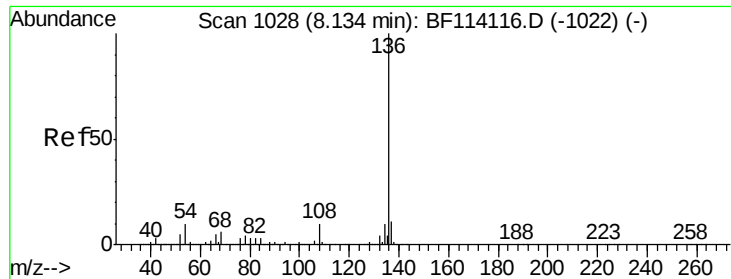
Tot Ion:	70	Resp:	298906
Ion	Ratio	Lower	Upper
70	100		
42	71.5	58.6	87.8
101	9.0	7.8	11.8
130	22.0	17.1	25.7



#20
3+4-Methylphenols
Concen: 47.458 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:	107	Resp:	453618
Ion	Ratio	Lower	Upper
107	100		
108	88.6	73.8	113.8
77	74.2	111.5	151.5#
79	28.4	12.0	52.0

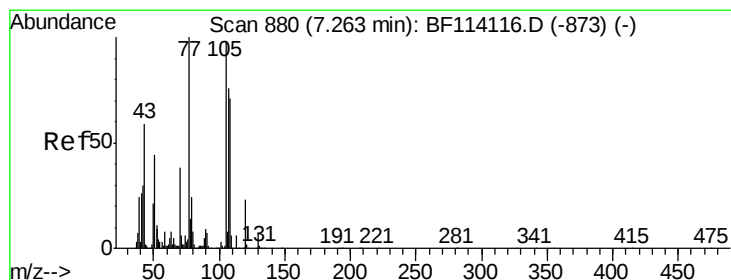
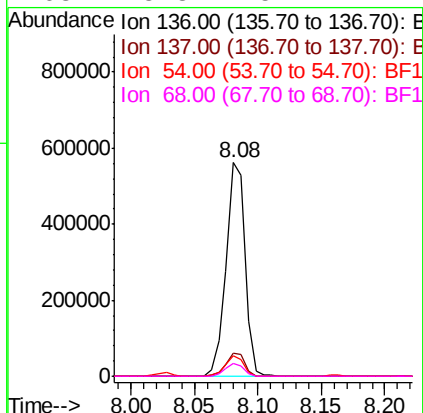
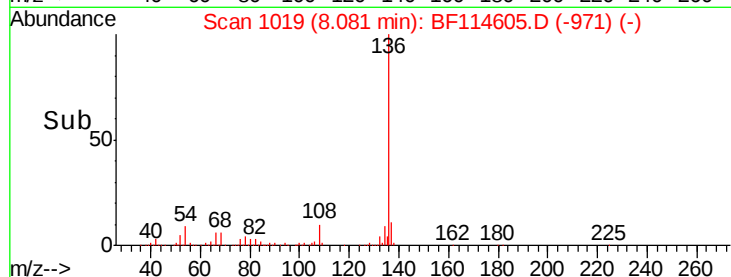
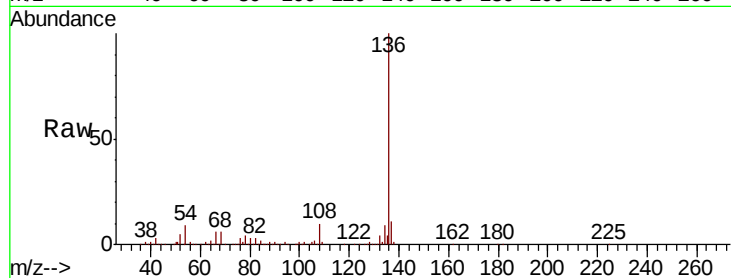




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

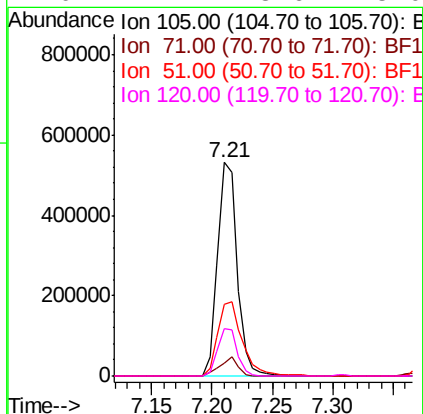
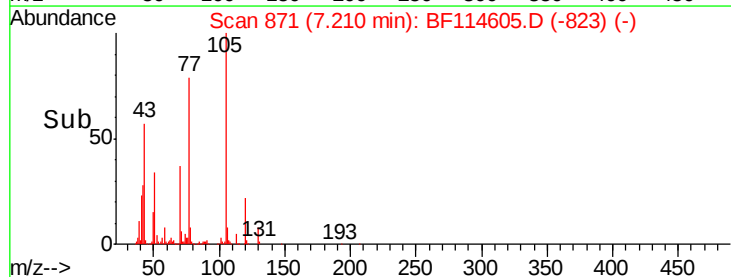
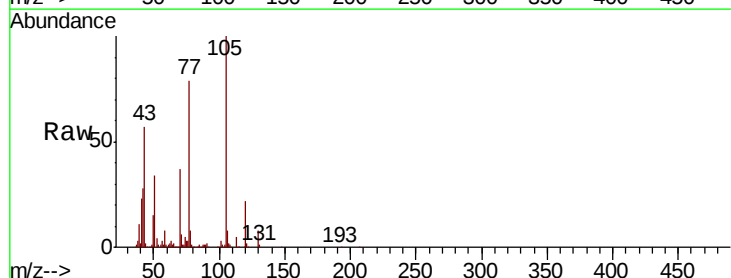
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	583343
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.5	7.8	11.8
68	5.8	5.1	7.7



#22
Acetophenone
Concen: 45.930 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:	105	Resp:	593550
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.3	7.9
51	33.9	36.2	54.4
120	22.4	18.6	28.0

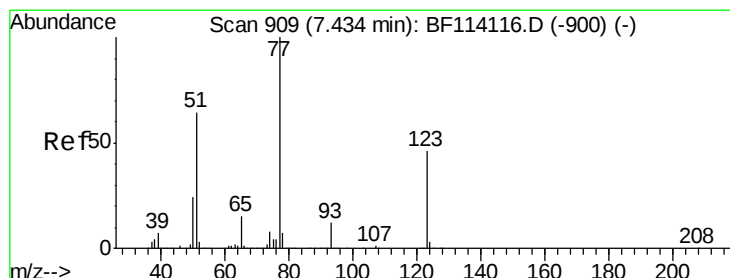
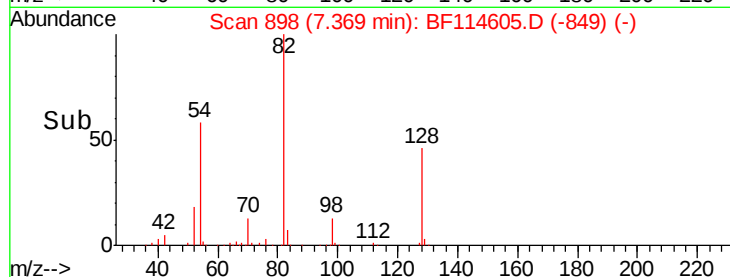
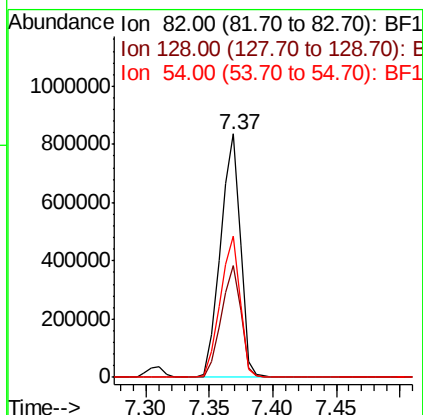
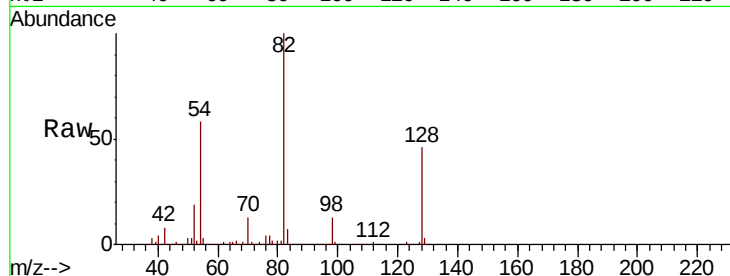




#23
 Nitrobenzene-d5
 Concen: 88.036 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

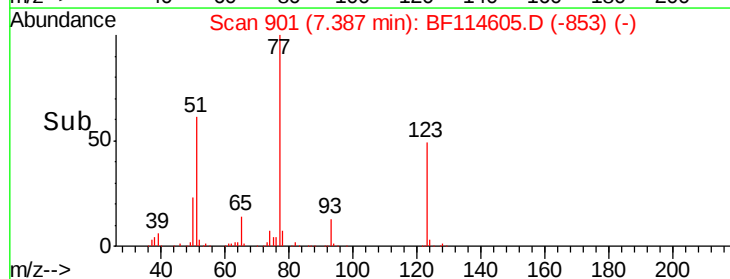
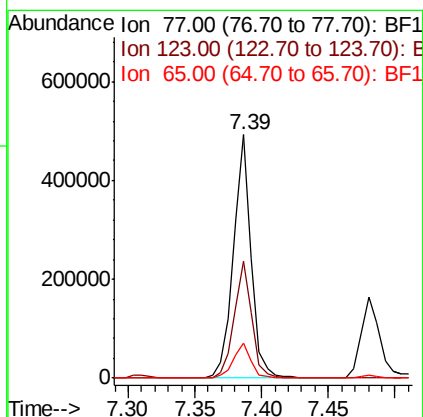
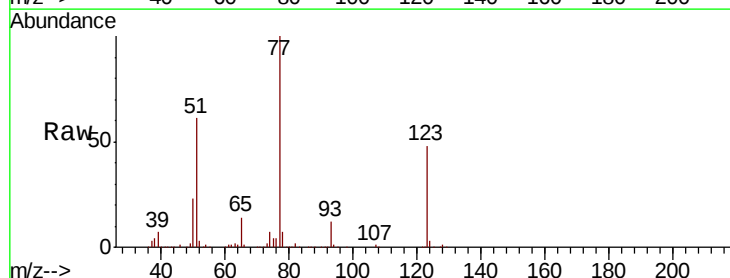
Instrument :
 BNA_F
 ClientSampleId :

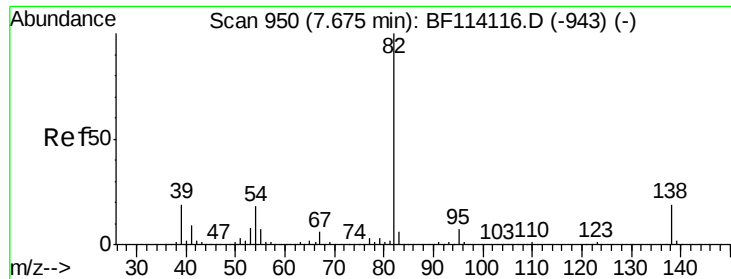
Tot Ion: 82 Resp: 915098
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.5 53.3
 54 58.3 48.5 72.7



#24
 Nitrobenzene
 Concen: 43.180 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion: 77 Resp: 457143
 Ion Ratio Lower Upper
 77 100
 123 48.2 36.9 55.3
 65 14.2 11.8 17.6

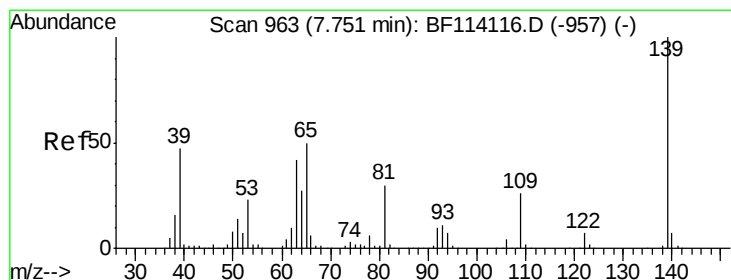
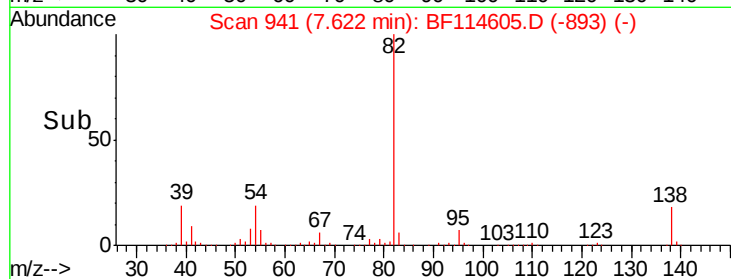
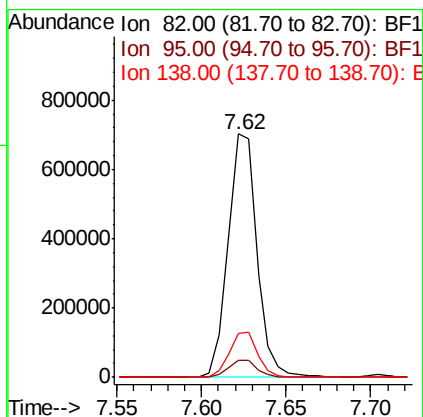
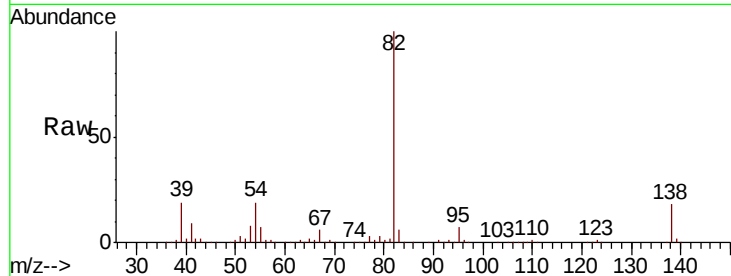




#25
Isophorone
Concen: 43.336 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

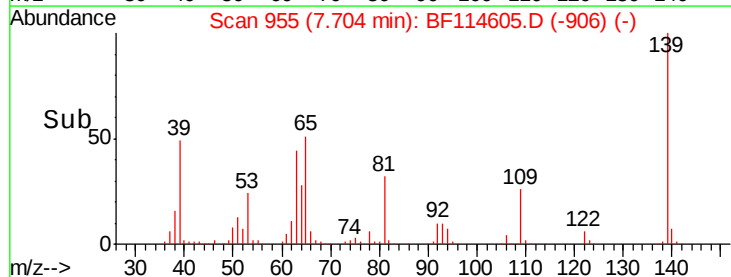
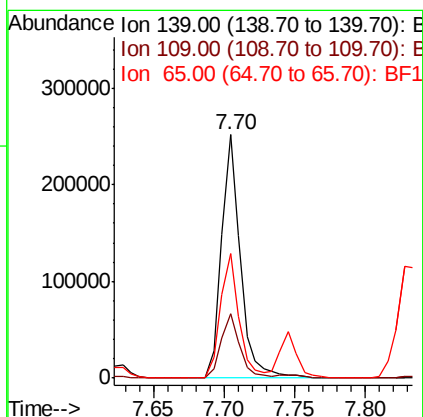
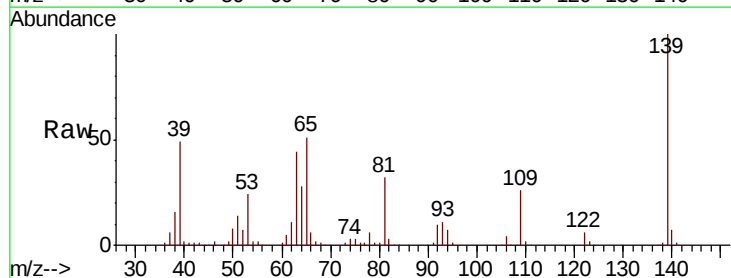
Instrument :
BNA_F
ClientSampleId :

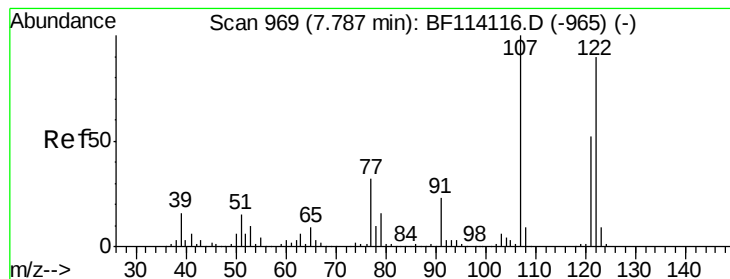
Tot Ion: 82 Resp: 835430
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.1 14.8 22.2



#26
2-Nitrophenol
Concen: 46.133 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion: 139 Resp: 236959
Ion Ratio Lower Upper
139 100
109 26.4 20.7 31.1
65 51.1 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 48.262 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

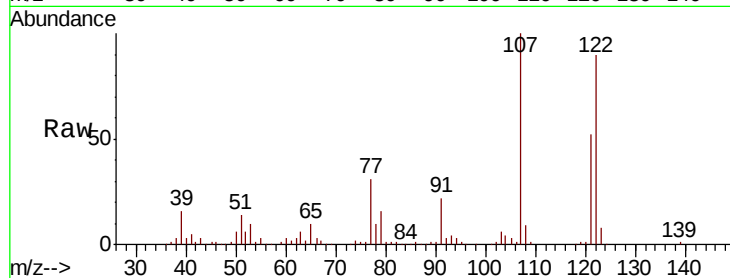
Tot Ion:122 Resp: 389337

Ion Ratio Lower Upper

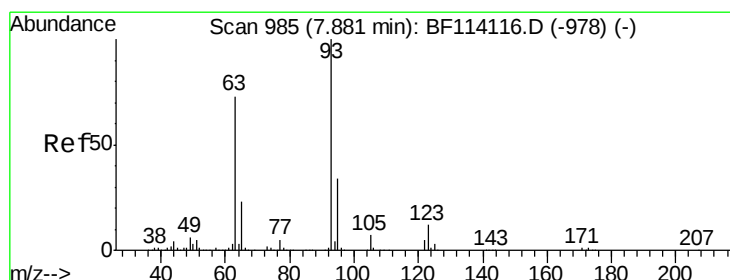
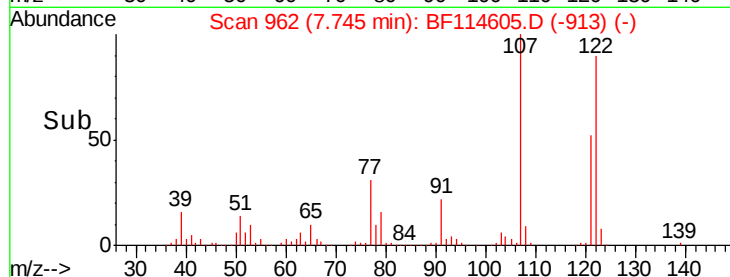
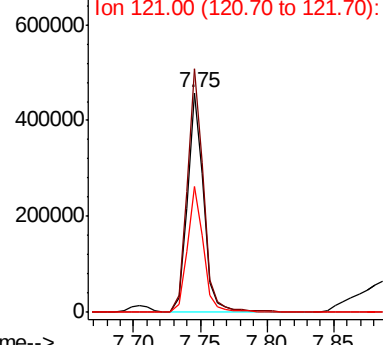
122 100

107 110.8 88.4 132.6

121 57.4 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.084 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

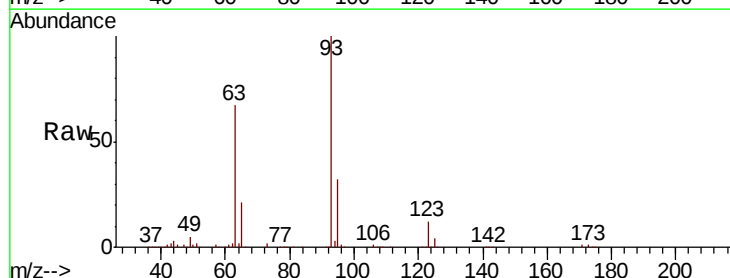
Tgt Ion: 93 Resp: 538896

Ion Ratio Lower Upper

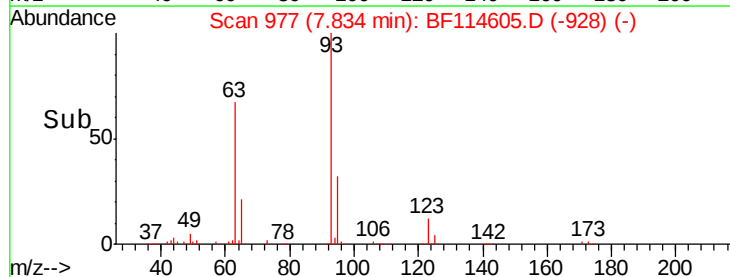
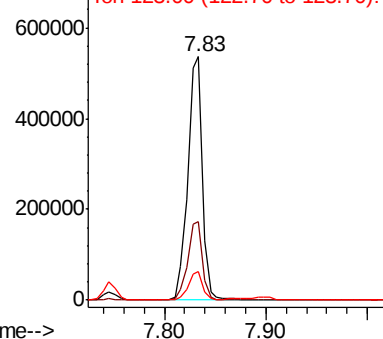
93 100

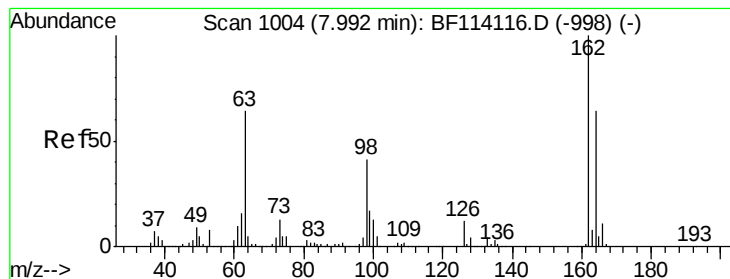
95 32.5 26.8 40.2

123 11.8 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.477 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

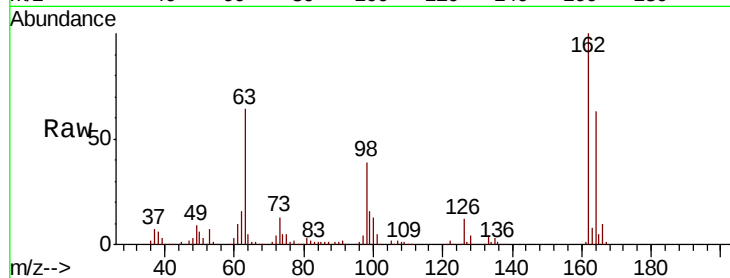
Tot Ion:162 Resp: 373350

Ion Ratio Lower Upper

162 100

164 62.6 43.6 83.6

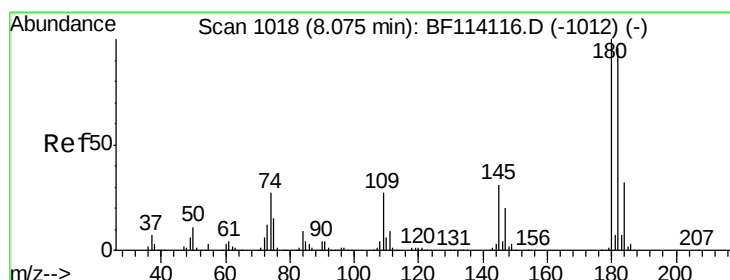
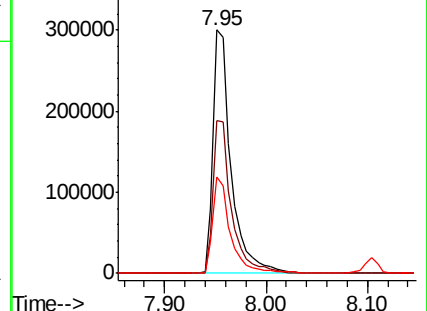
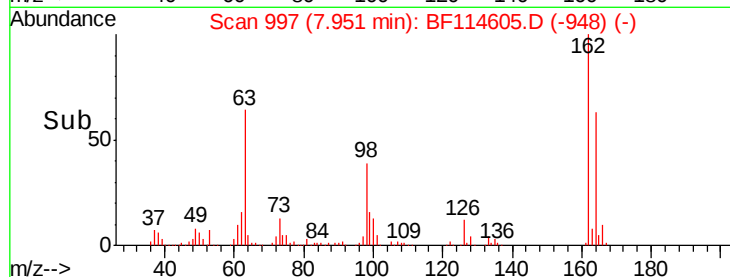
98 39.5 20.6 60.6



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: 43.154 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

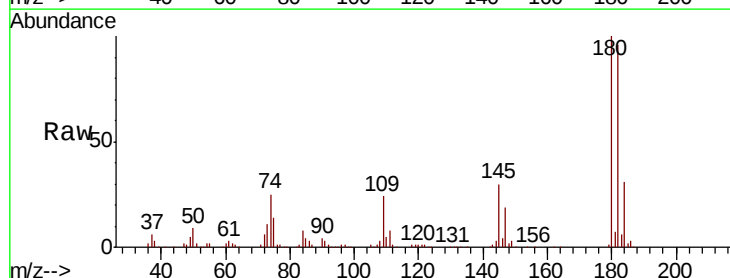
Tgt Ion:180 Resp: 394188

Ion Ratio Lower Upper

180 100

182 95.8 76.6 114.8

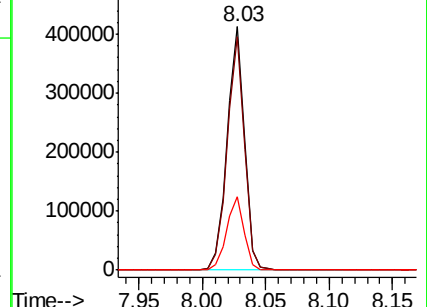
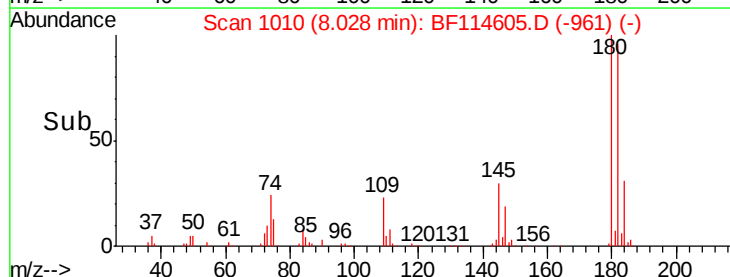
145 30.2 25.1 37.7



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: 45.844 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

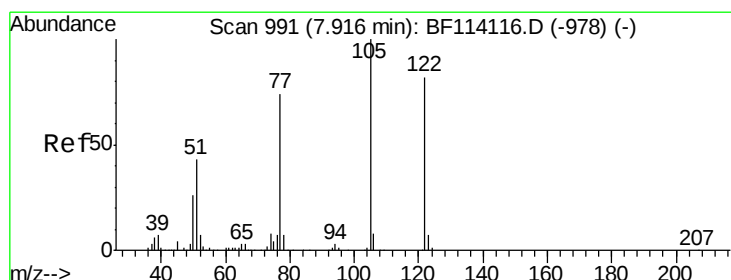
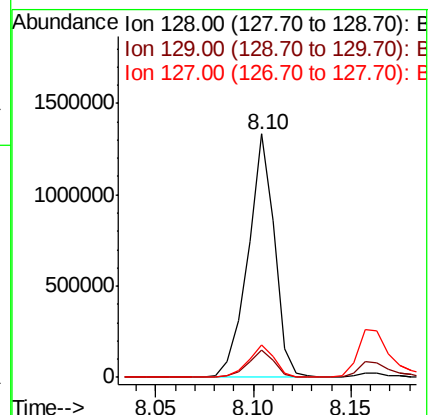
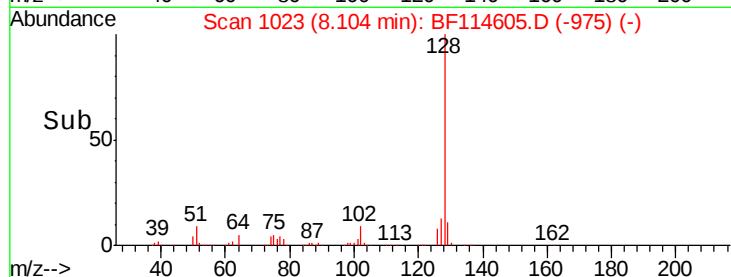
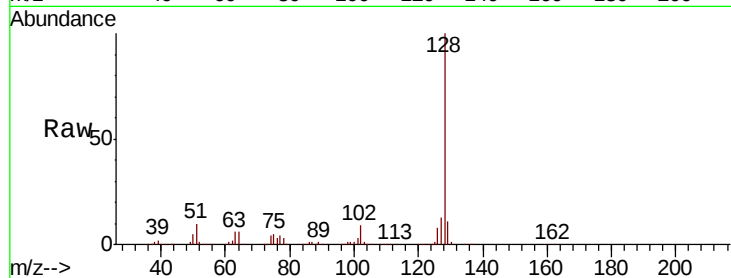
Tot Ion:128 Resp: 1249211

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

127 13.2 11.3 16.9



#32

Benzoic acid

Concen: 39.332 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

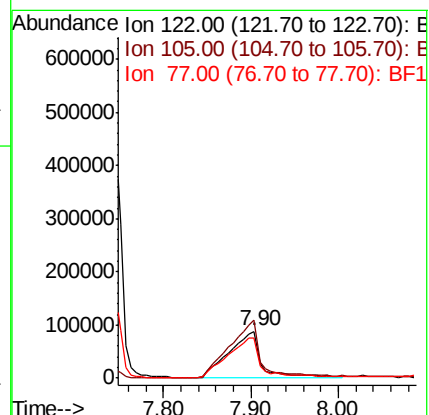
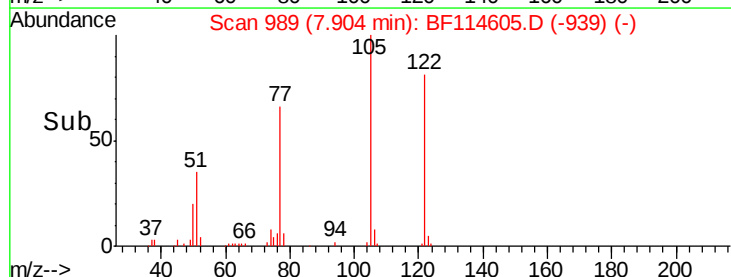
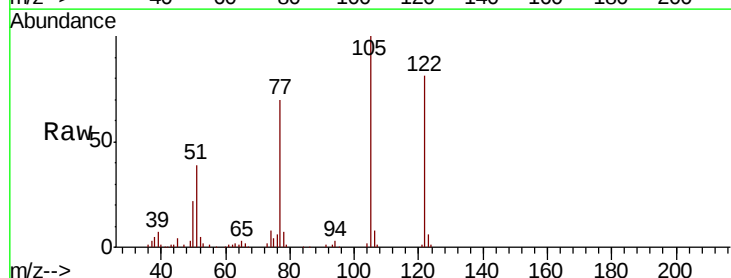
Tgt Ion:122 Resp: 217699

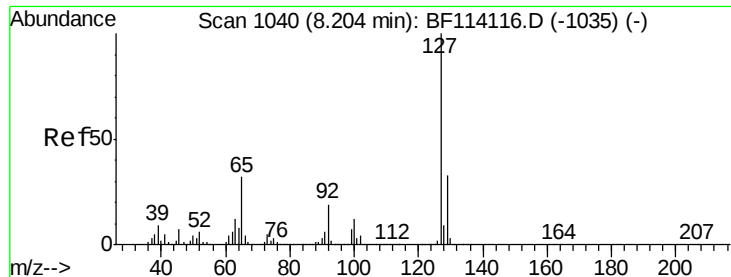
Ion Ratio Lower Upper

122 100

105 123.5 99.9 139.9

77 86.3 69.4 109.4

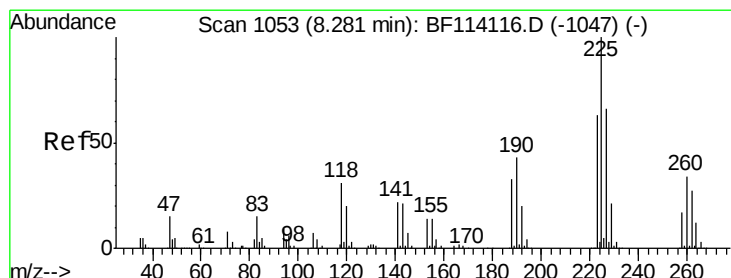
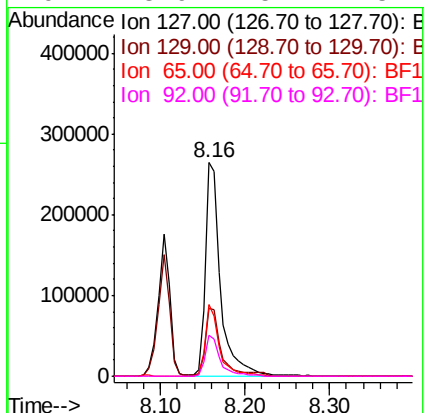
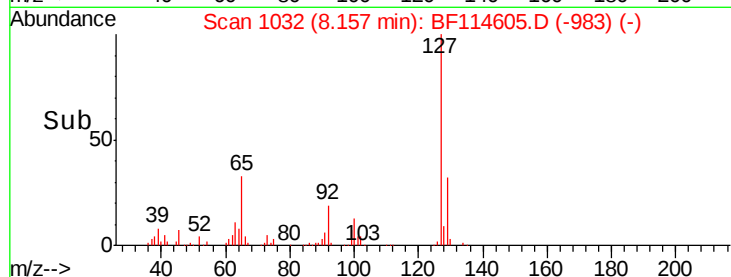
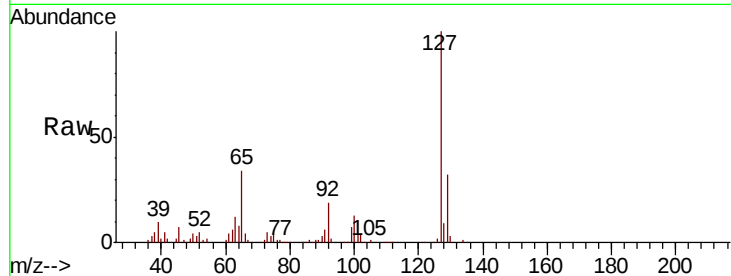




#33
4-Chloroaniline
Concen: 26.601 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

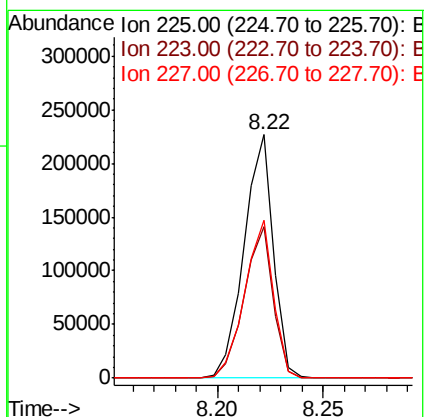
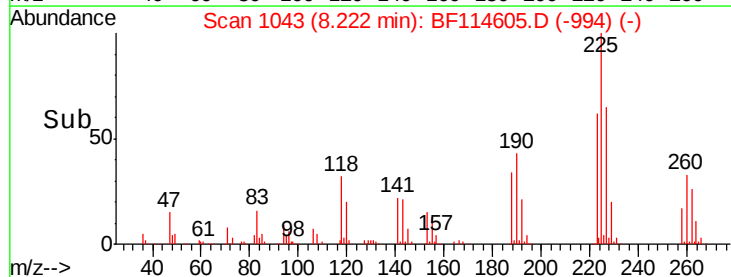
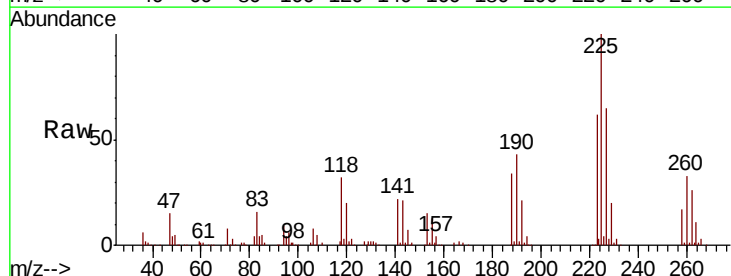
Instrument :
BNA_F
ClientSampleId :

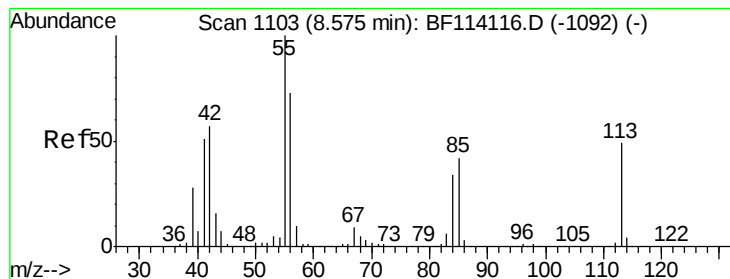
Tot Ion:	127	Resp:	330311
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.7	40.1
65	33.7	25.4	38.0
92	18.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.041 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:	225	Resp:	218505
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	64.9	52.6	79.0





#35

Caprolactam

Concen: 22.396 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampled :

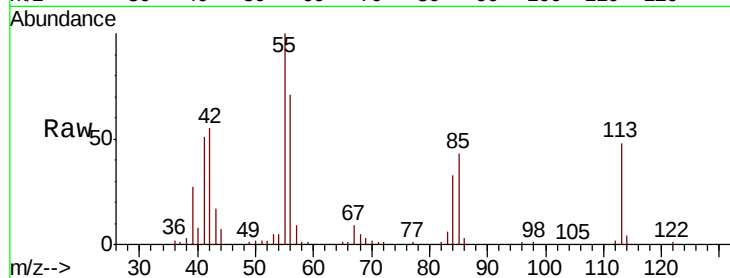
Tot Ion:113 Resp: 58662

Ion Ratio Lower Upper

113 100

55 207.8 183.5 223.5

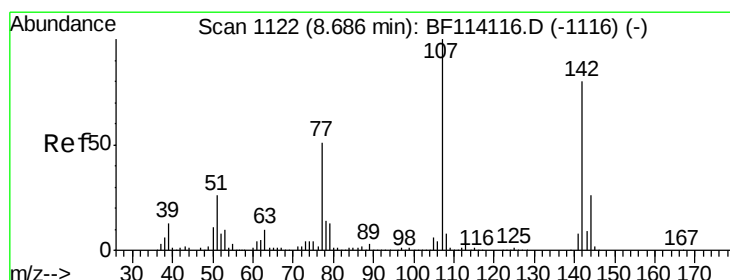
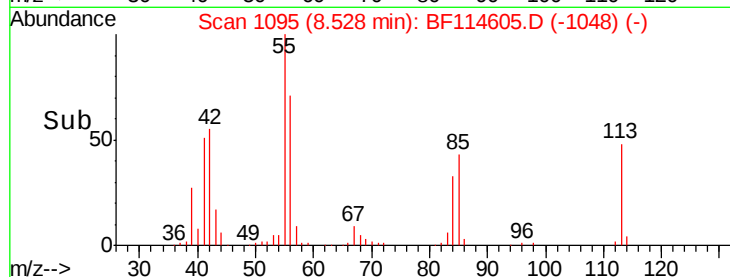
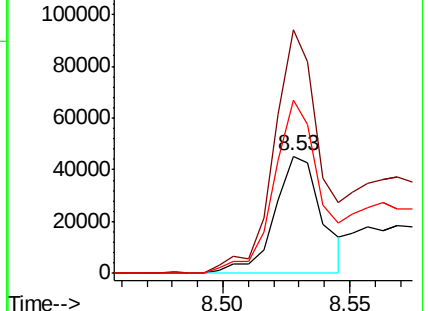
56 147.3 128.8 168.8



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: 48.122 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

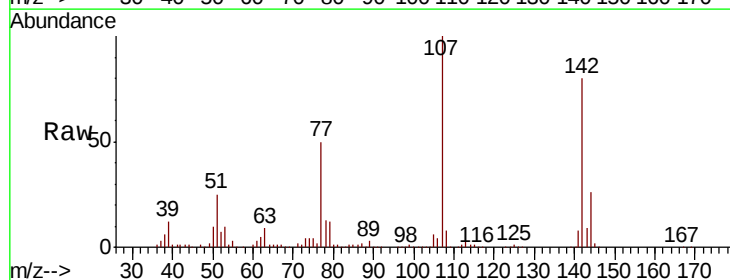
Tgt Ion:107 Resp: 389106

Ion Ratio Lower Upper

107 100

144 25.6 20.4 30.6

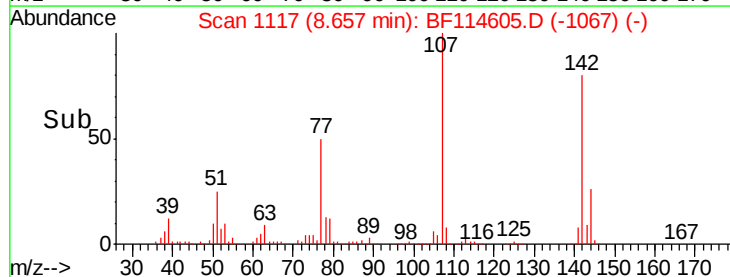
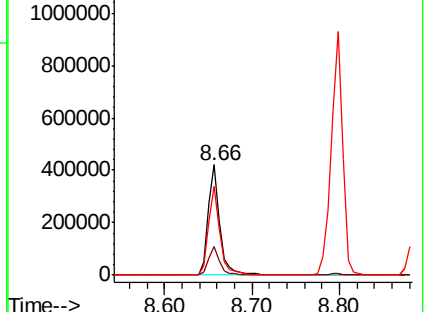
142 80.2 64.2 96.4

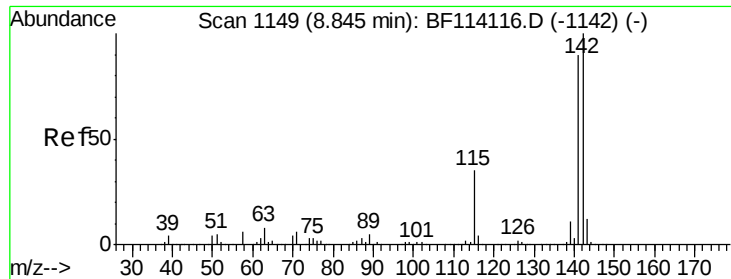


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

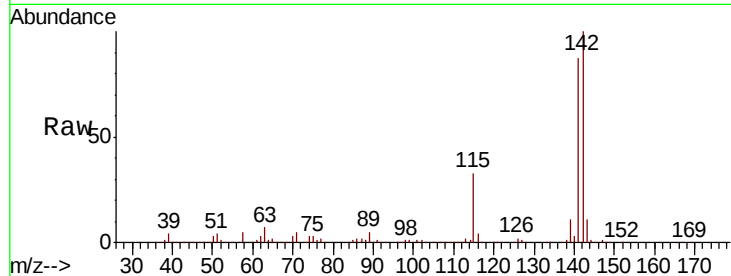




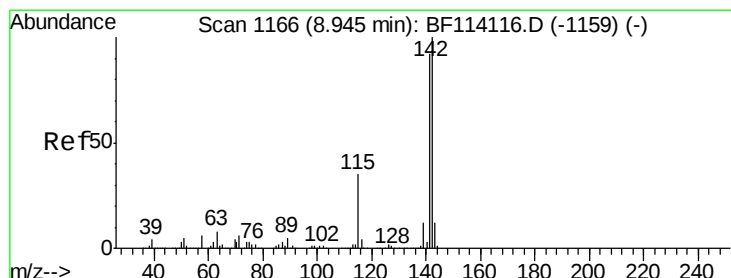
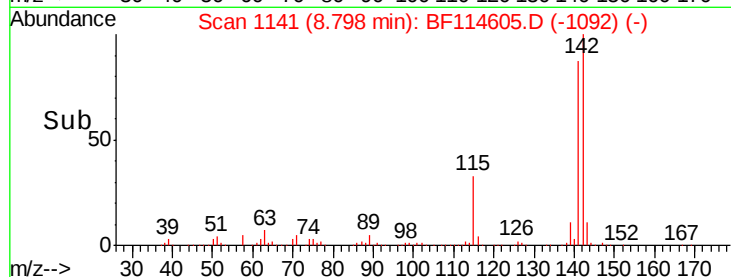
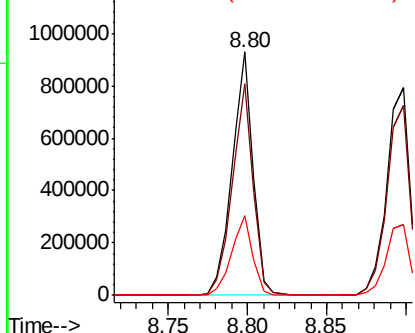
#37
2-Methylnaphthalene
Concen: 48.201 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 847416
Ion Ratio Lower Upper
142 100
141 87.0 72.1 108.1
115 32.7 28.0 42.0

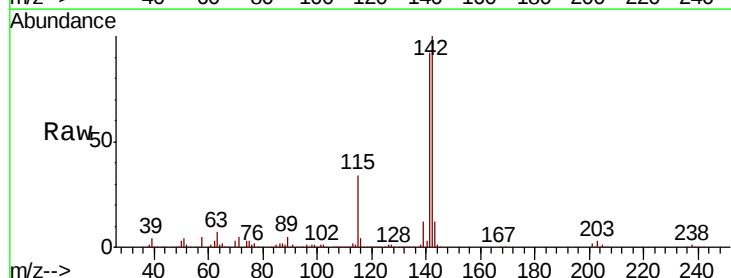


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

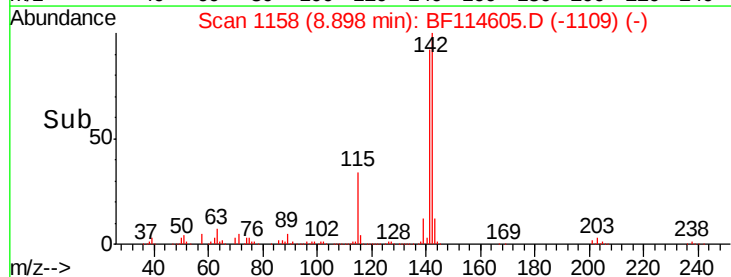
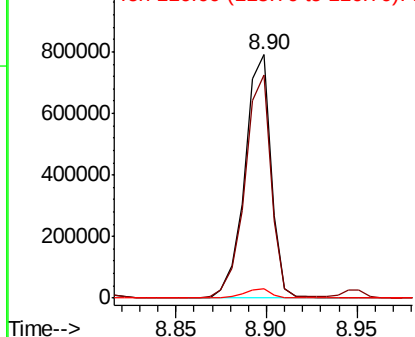


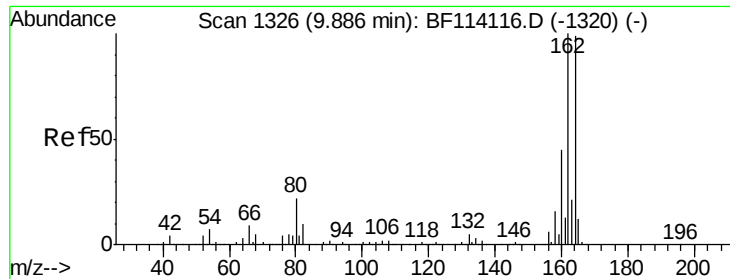
#38
1-Methylnaphthalene
Concen: 47.859 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:142 Resp: 792366
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0
116 3.7 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: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

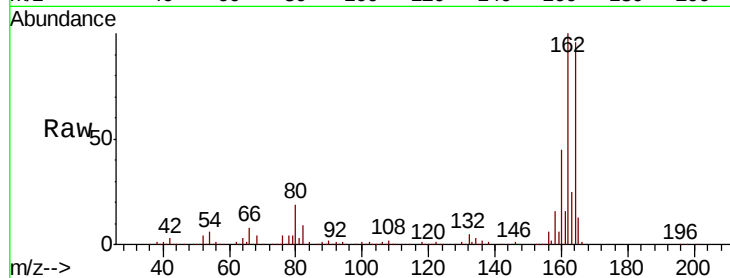
Tot Ion:164 Resp: 280912

Ion Ratio Lower Upper

164 100

162 103.7 80.6 120.8

160 46.6 36.5 54.7

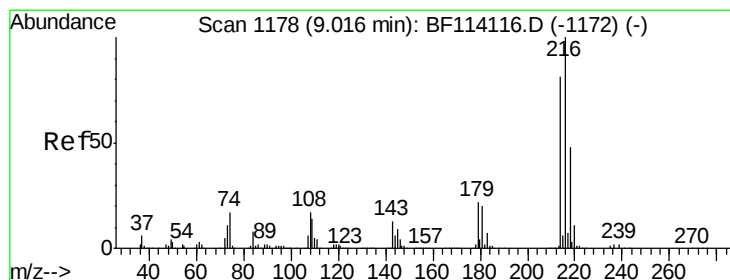
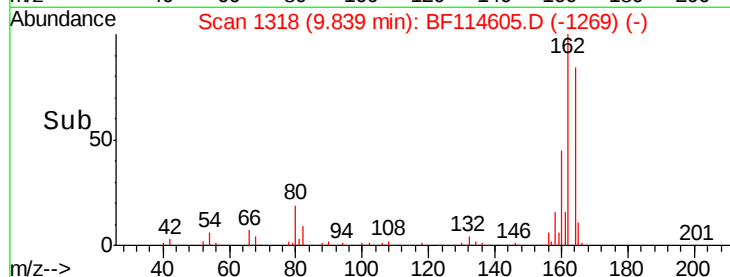
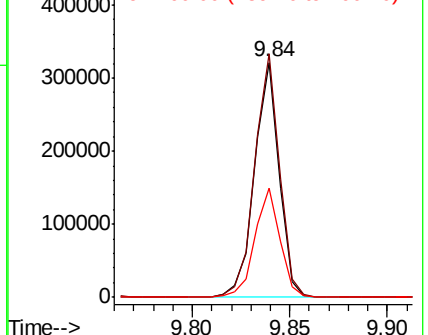


Abundance

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: 45.157 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:216 Resp: 384263

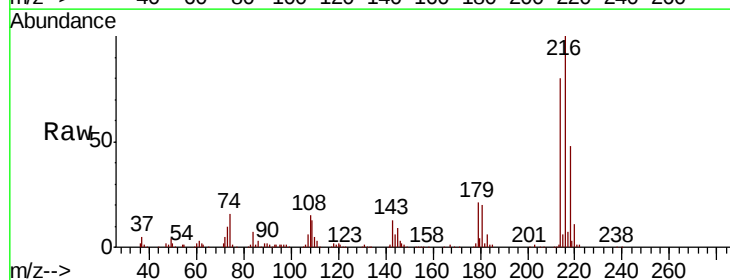
Ion Ratio Lower Upper

216 100

214 80.1 63.9 95.9

179 21.2 17.0 25.6

108 18.4 14.8 22.2



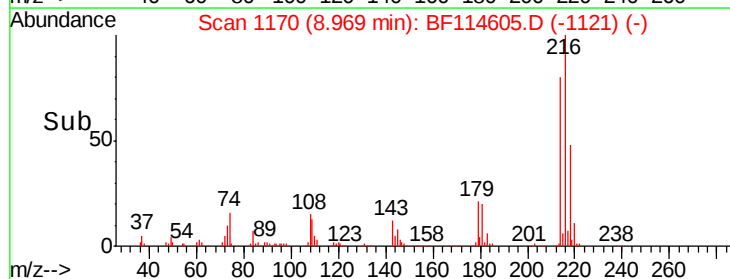
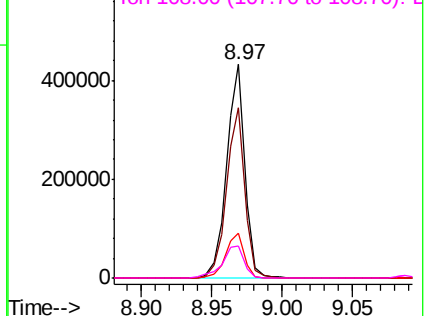
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 50.086 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

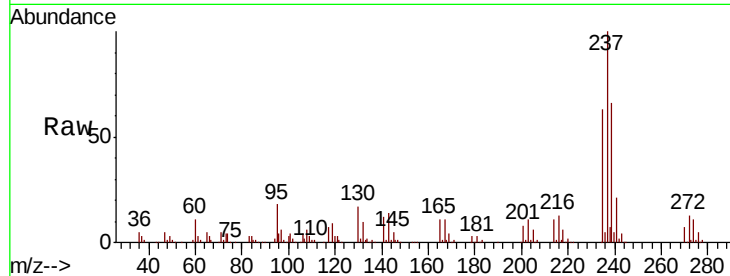
Tot Ion:237 Resp: 191783

Ion Ratio Lower Upper

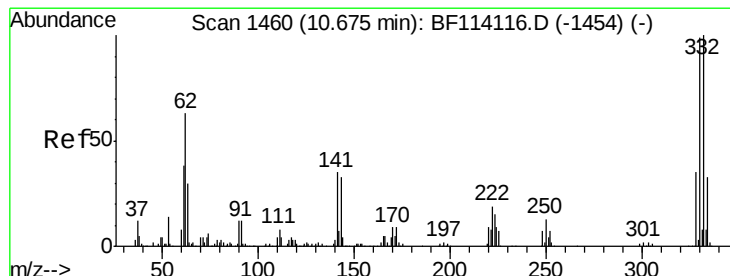
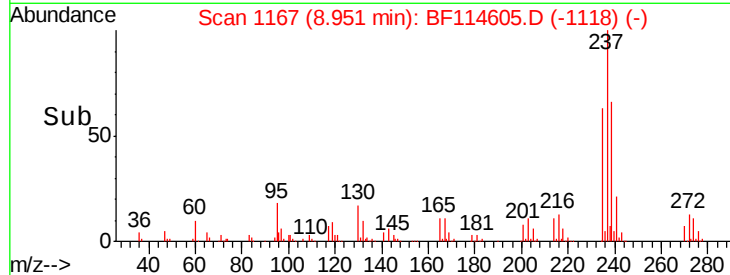
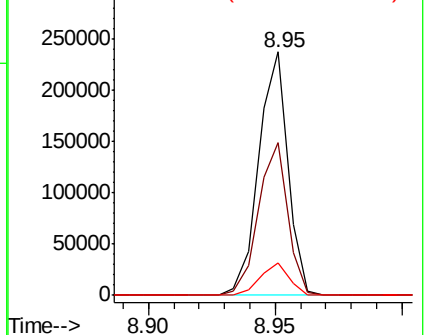
237 100

235 63.0 42.0 82.0

272 13.2 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: 130.916 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

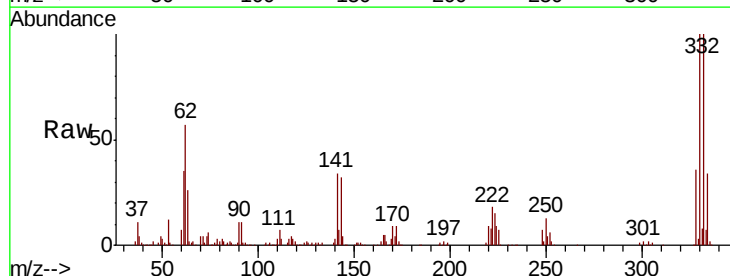
Tgt Ion:330 Resp: 380202

Ion Ratio Lower Upper

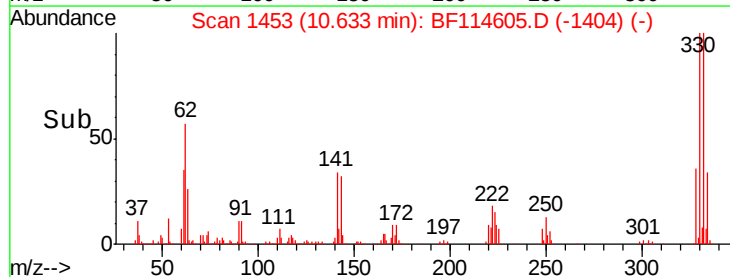
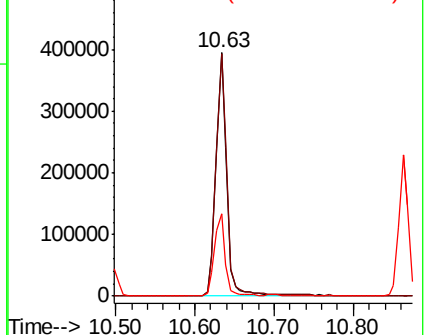
330 100

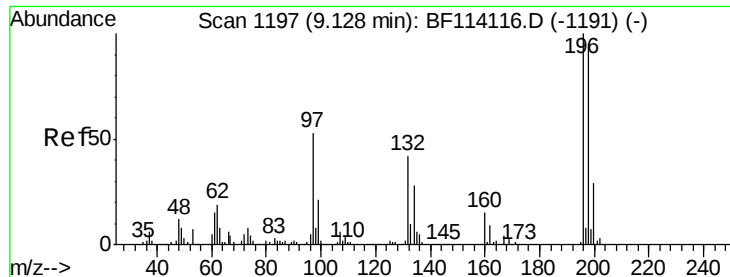
332 101.1 81.4 122.2

141 33.1 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

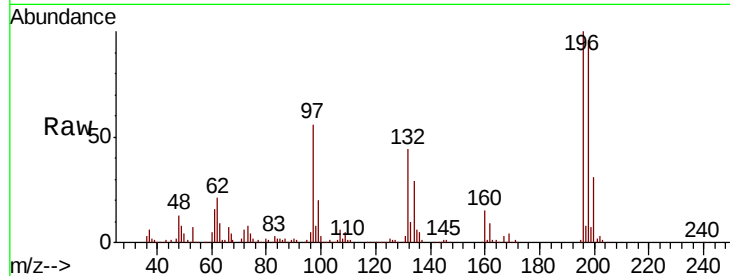




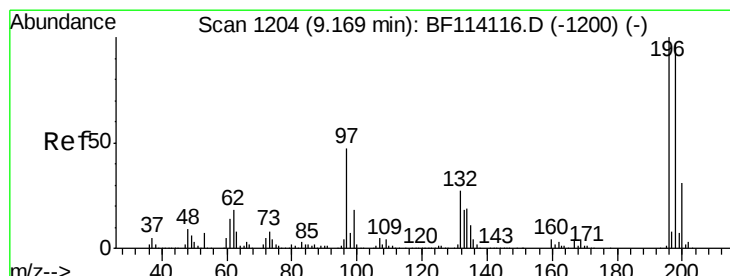
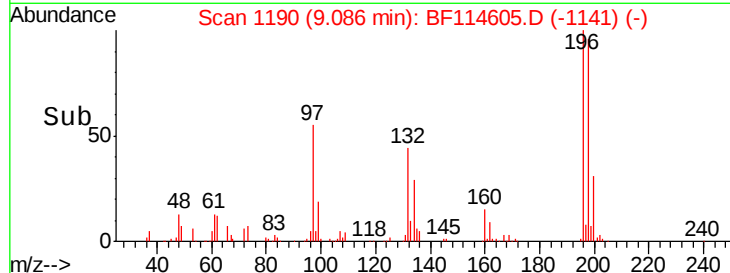
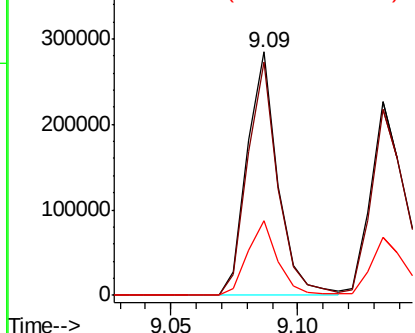
#43
 2,4,6-Trichlorophenol
 Concen: 41.139 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 240790
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.9 113.9
 200 30.7 23.5 35.3

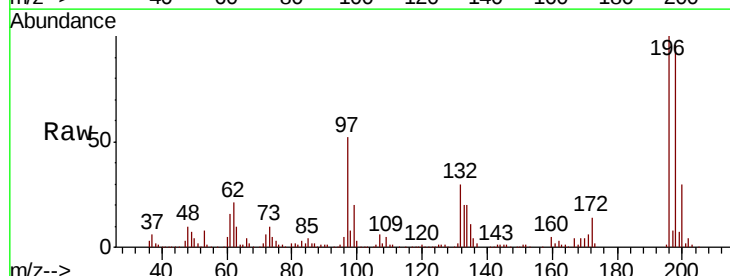


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

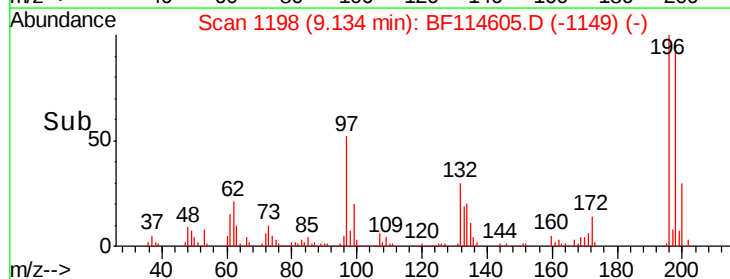
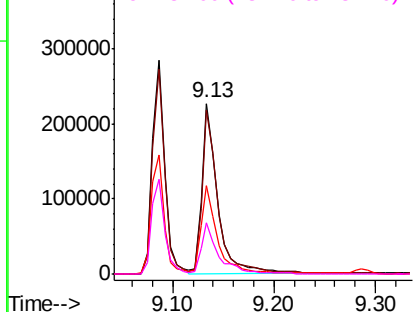


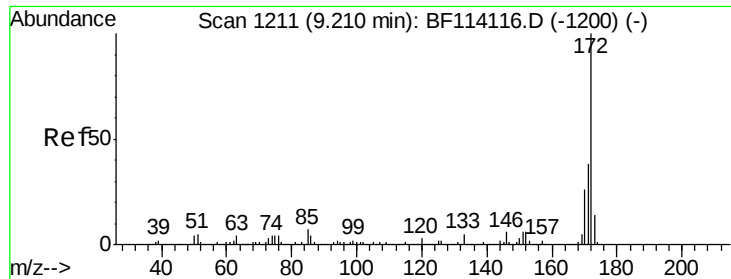
#44
 2,4,5-Trichlorophenol
 Concen: 40.923 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion:196 Resp: 245641
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.7 116.5
 97 51.9 38.2 57.2
 132 29.7 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

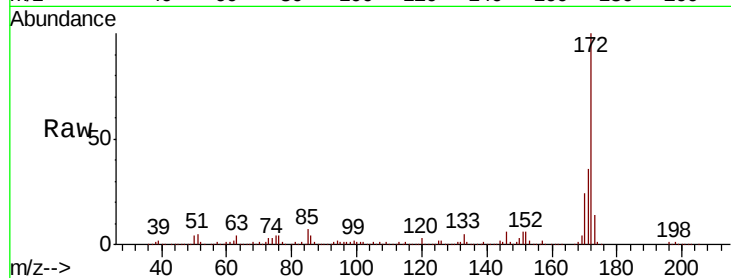




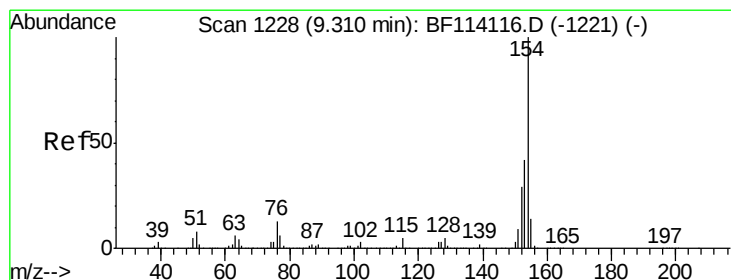
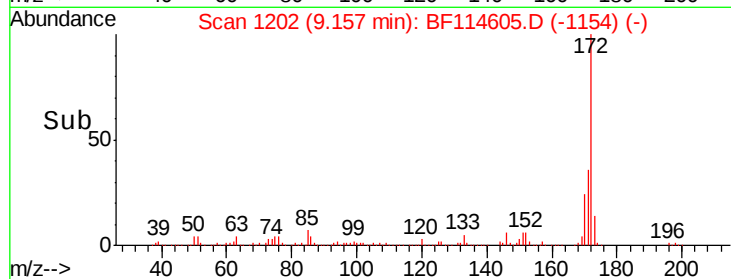
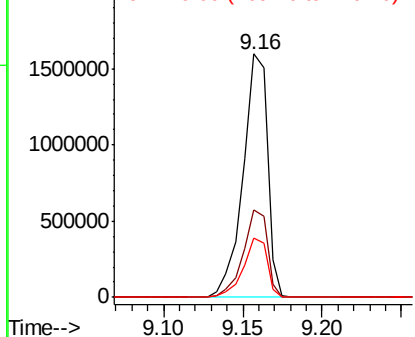
#45
2-Fluorobiphenyl
Concen: 91.808 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1704937
Ion Ratio Lower Upper
172 100
171 35.7 30.7 46.1
170 24.2 20.5 30.7

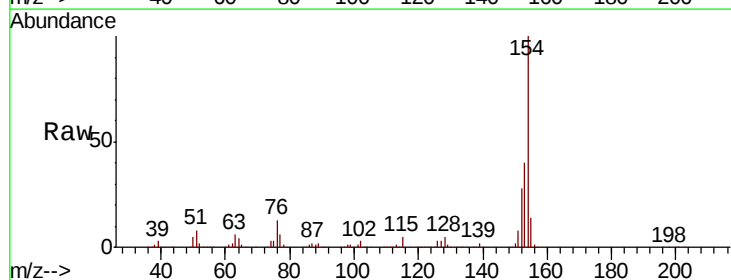


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

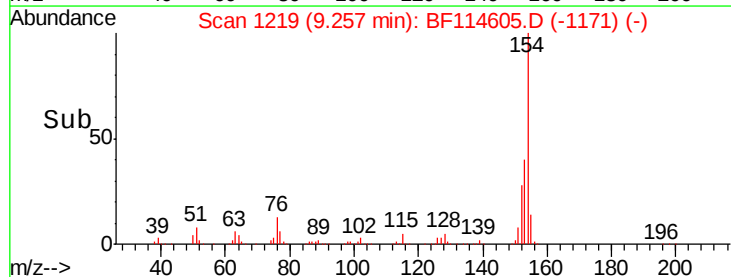
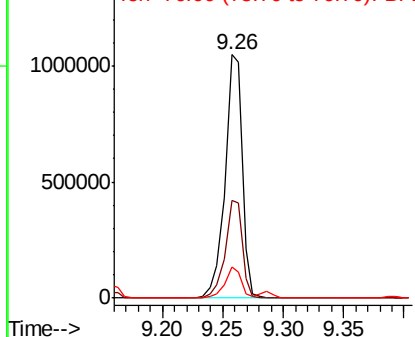


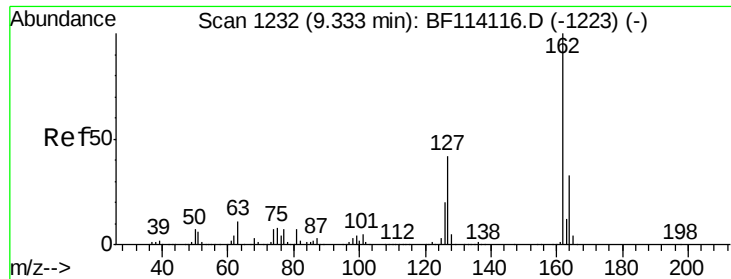
#46
1,1'-Biphenyl
Concen: 45.584 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:154 Resp: 1034470
Ion Ratio Lower Upper
154 100
153 40.4 21.9 61.9
76 13.0 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

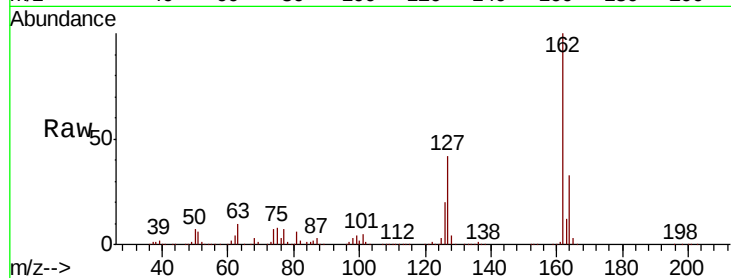




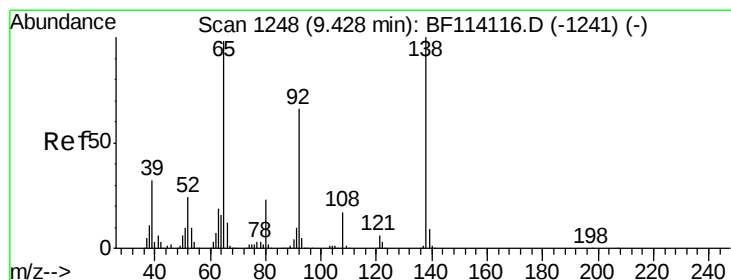
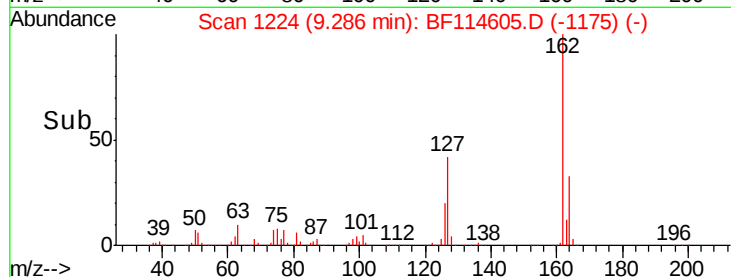
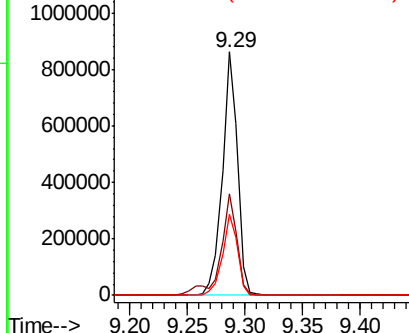
#47
 2-Chloronaphthalene
 Concen: 43.084 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	34.0	51.0
164	33.2	26.7	40.1

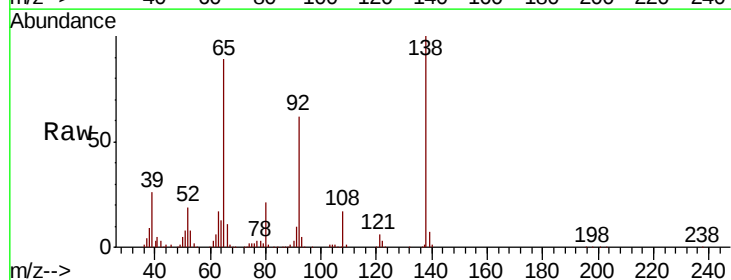


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

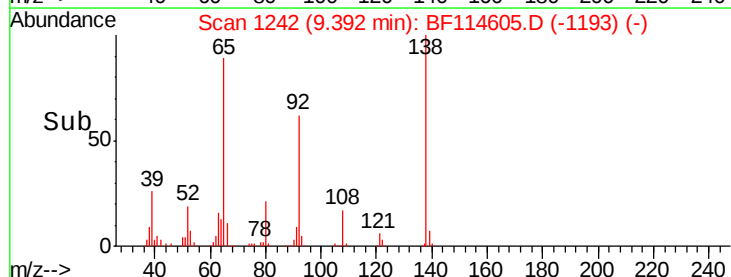
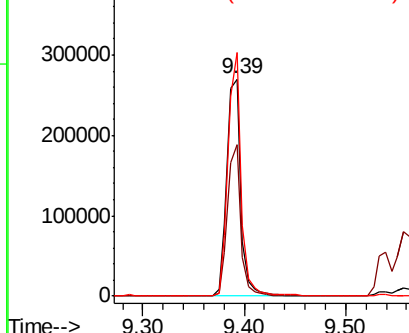


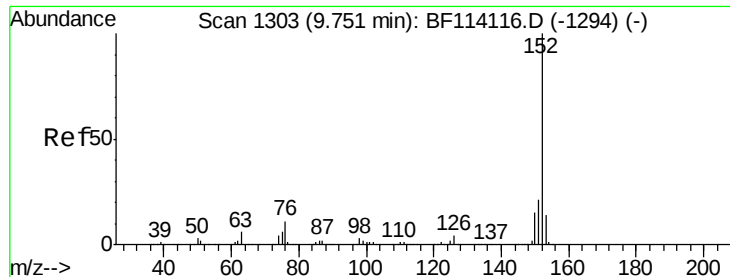
#48
 2-Nitroaniline
 Concen: 40.208 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	112.0	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: 44.476 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

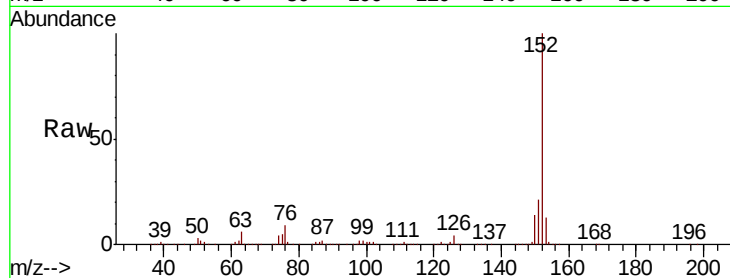
Tot Ion:152 Resp: 1235461

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

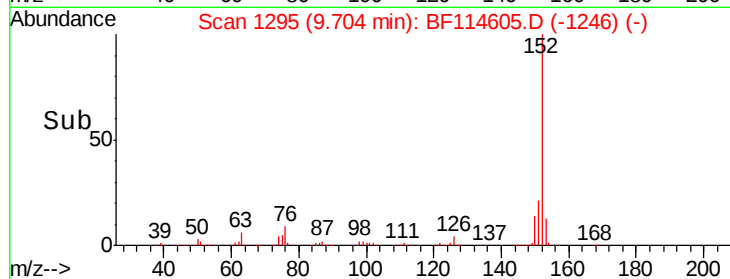
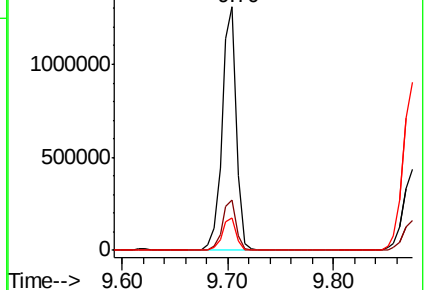
153 13.4 11.4 17.2



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: 44.000 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

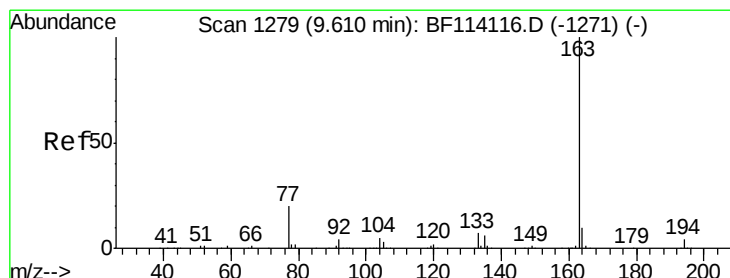
Tgt Ion:163 Resp: 907346

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

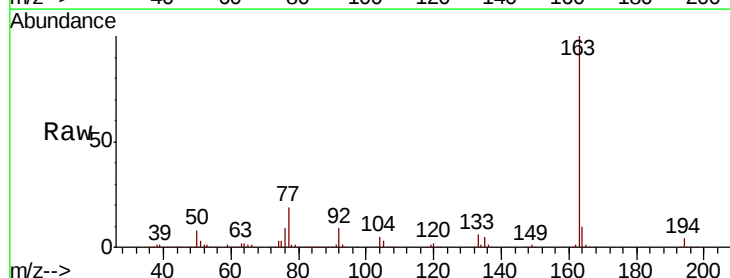
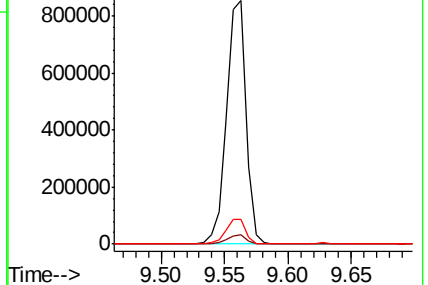
164 10.1 8.2 12.2



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

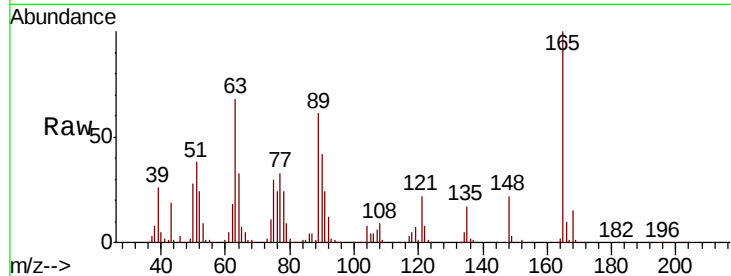




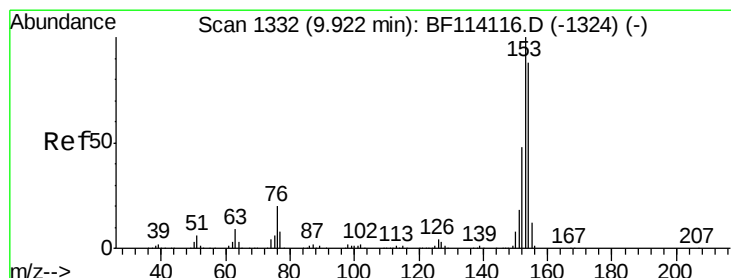
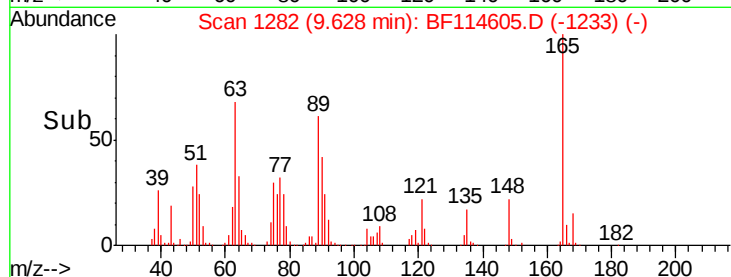
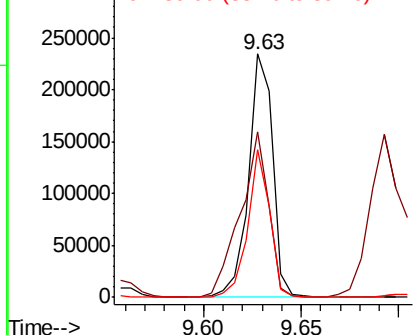
#51
2,6-Dinitrotoluene
Concen: 43.770 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.0	50.2	75.4
89	60.7	46.6	69.8

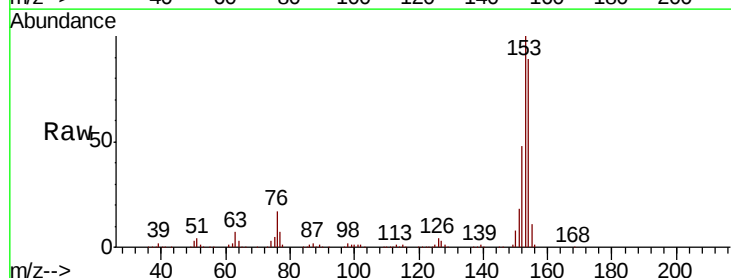


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

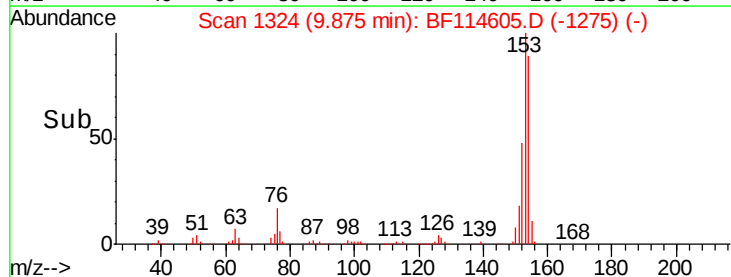
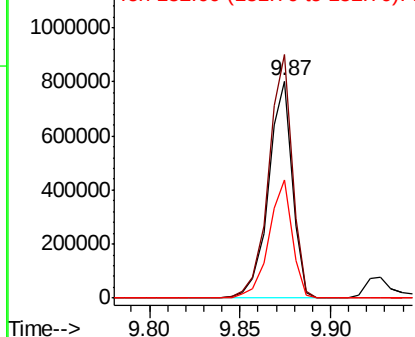


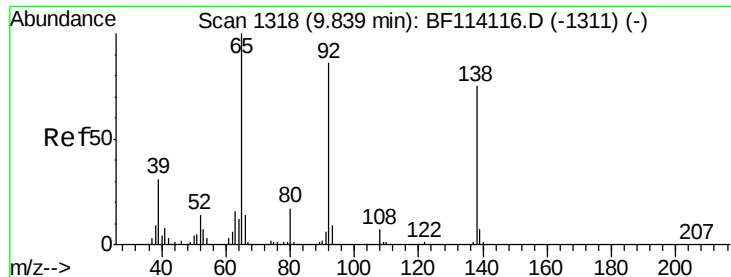
#52
Acenaphthene
Concen: 43.019 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.5	135.7
152	54.2	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

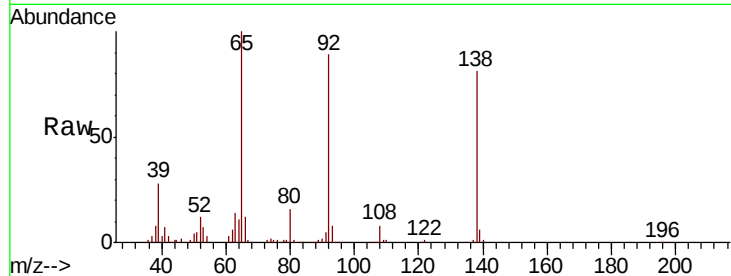




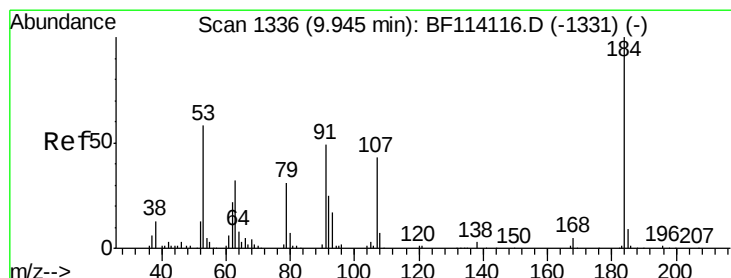
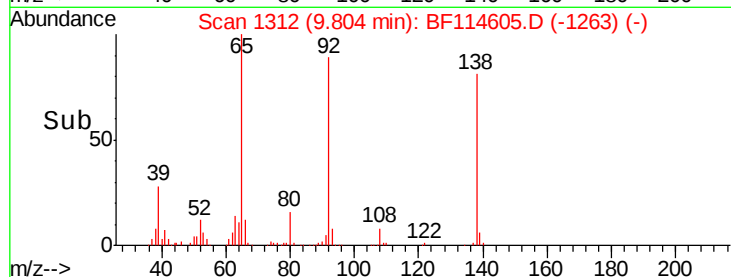
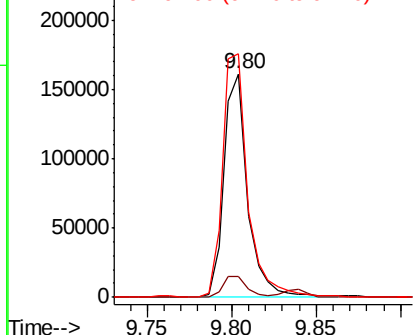
#53
3-Nitroaniline
Concen: 27.907 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 158451
Ion Ratio Lower Upper
138 100
108 9.3 7.8 11.6
92 109.0 91.2 136.8

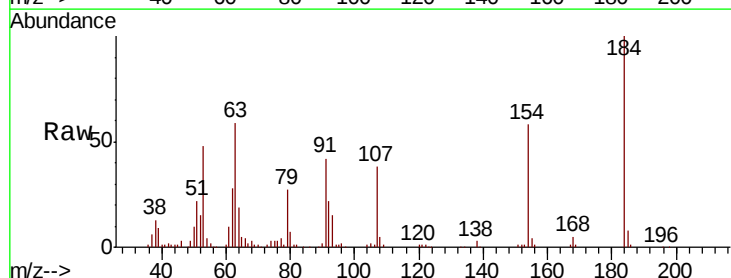


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

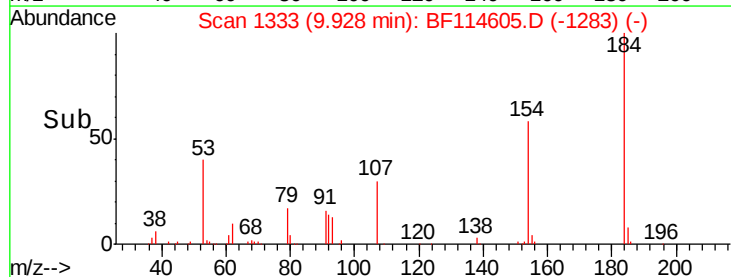
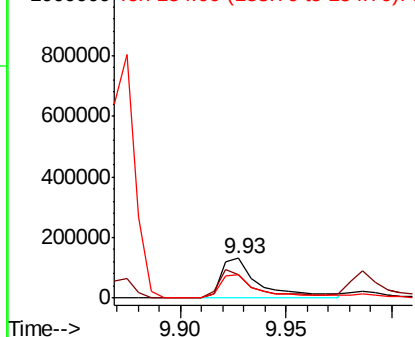


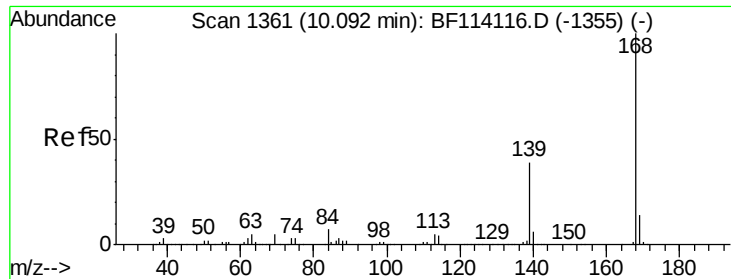
#54
2,4-Dinitrophenol
Concen: 73.534 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:184 Resp: 167750
Ion Ratio Lower Upper
184 100
63 58.5 55.6 83.4
154 58.1 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

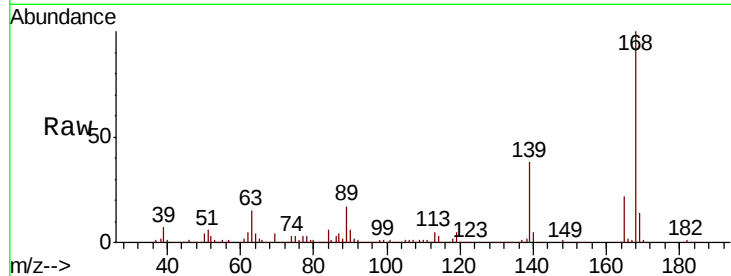




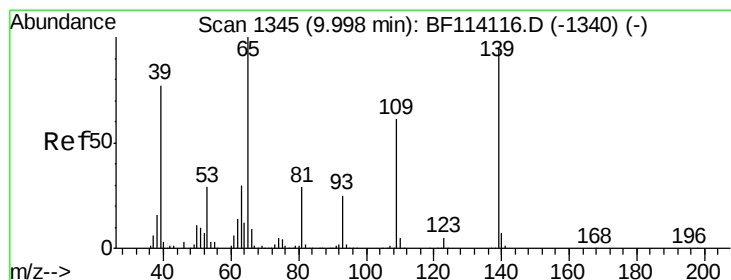
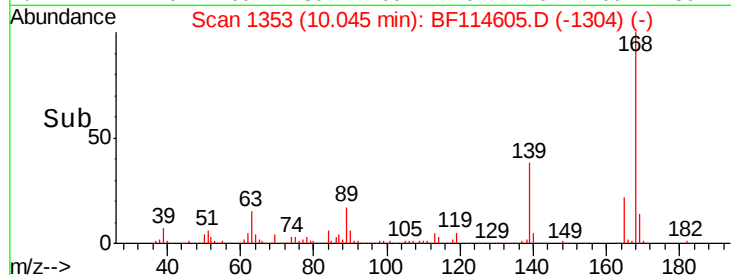
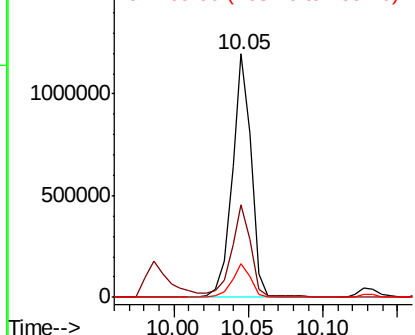
#55
Dibenzofuran
Concen: 42.371 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1059082
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 13.7 11.4 17.0

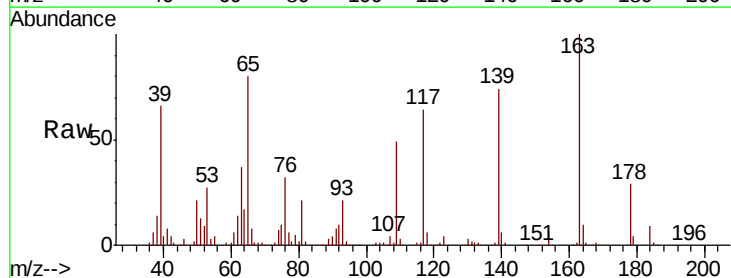


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

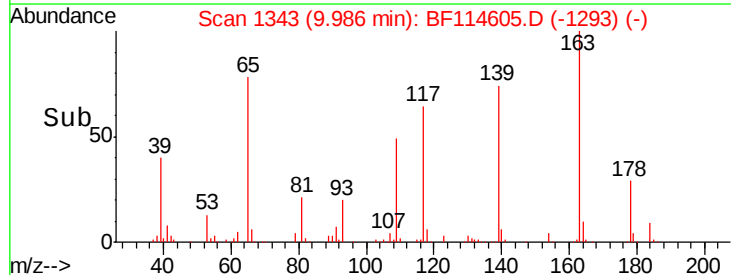
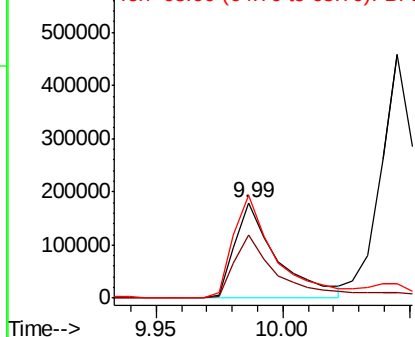


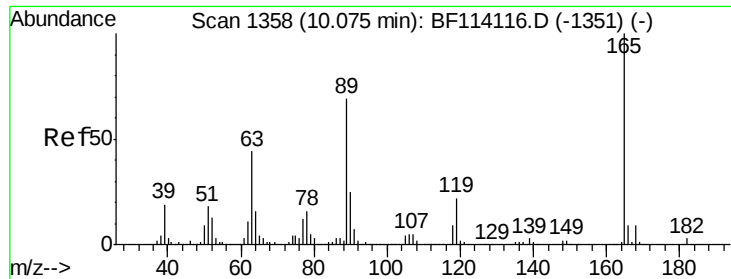
#56
4-Nitrophenol
Concen: 51.586 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:139 Resp: 207129
Ion Ratio Lower Upper
139 100
109 65.8 43.9 83.9
65 107.5 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

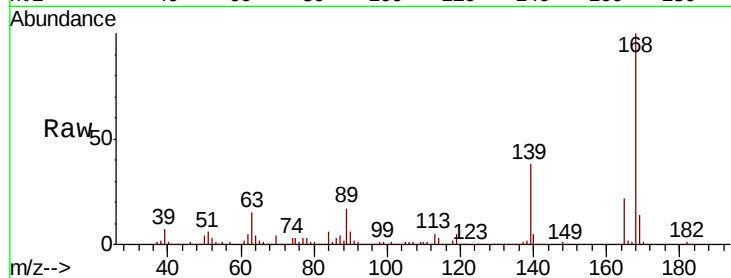




#57
2,4-Dinitrotoluene
Concen: 39.961 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.1	35.5	53.3
89	77.3	55.2	82.8
182	2.5	2.2	3.2



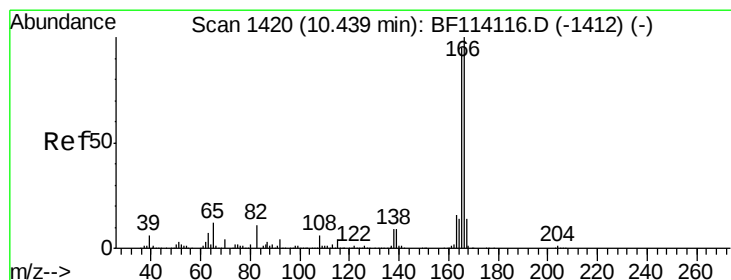
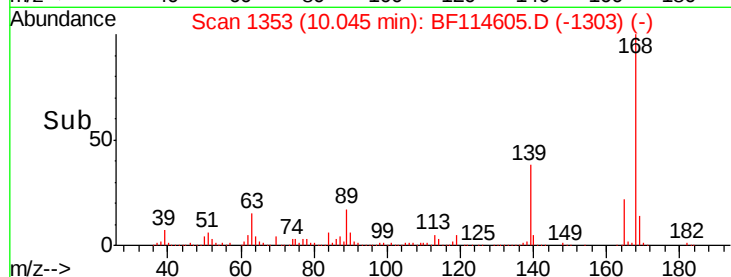
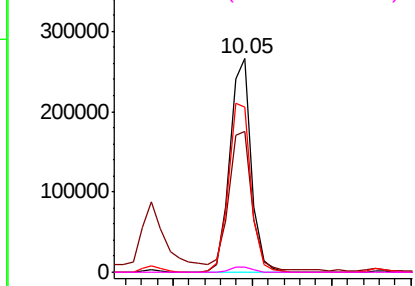
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

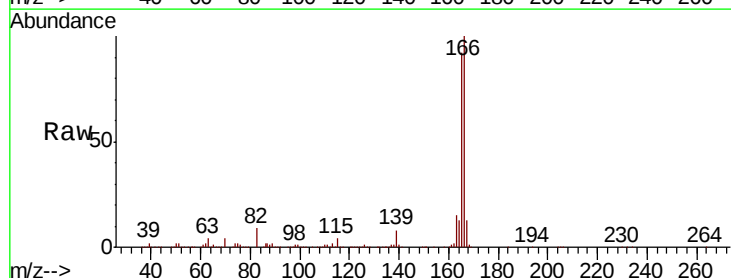
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.505 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.5	76.1	114.1
167	13.0	11.1	16.7

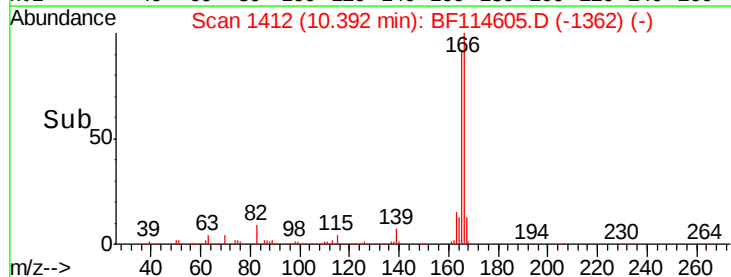
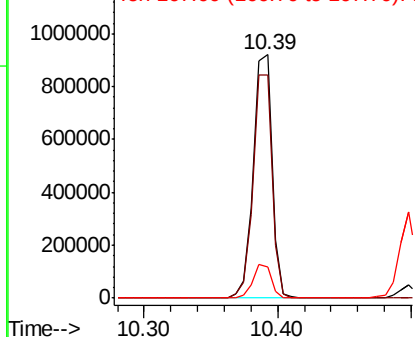


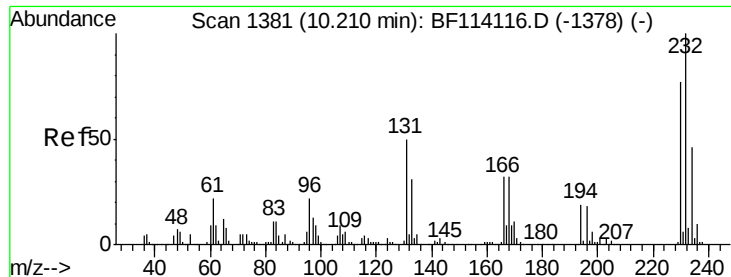
Abundance

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

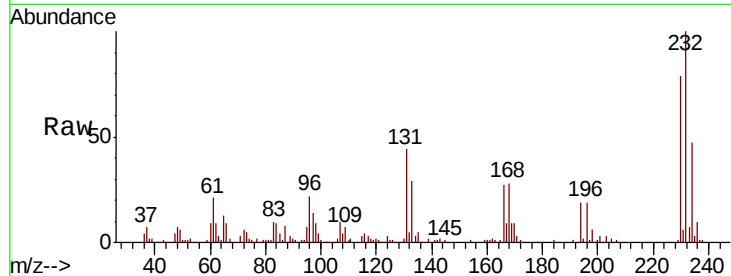




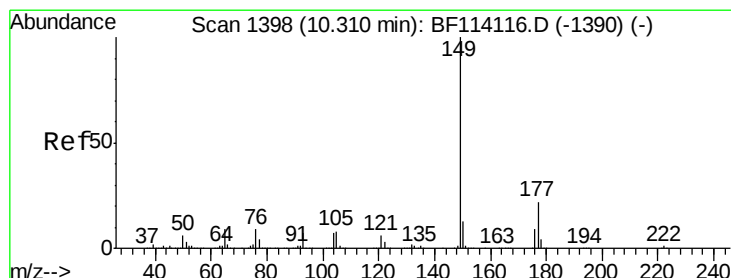
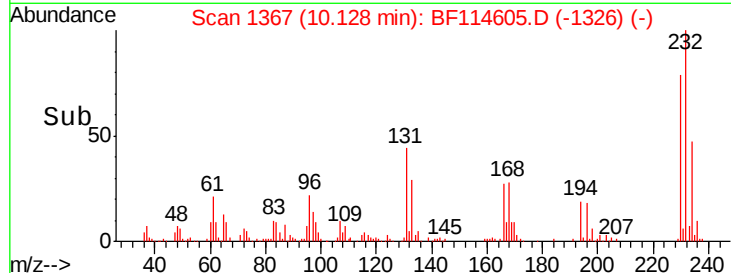
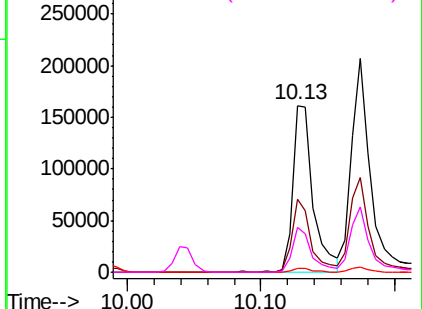
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.228 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.06 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	172096	
Ion Ratio	Lower	Upper	
232	100		
131	40.9	35.6	53.4
130	2.3	1.6	2.4
166	25.3	24.1	36.1

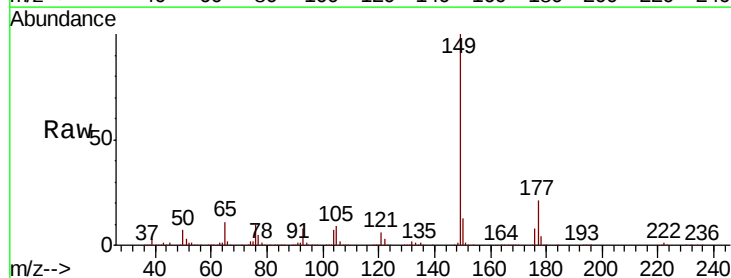


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

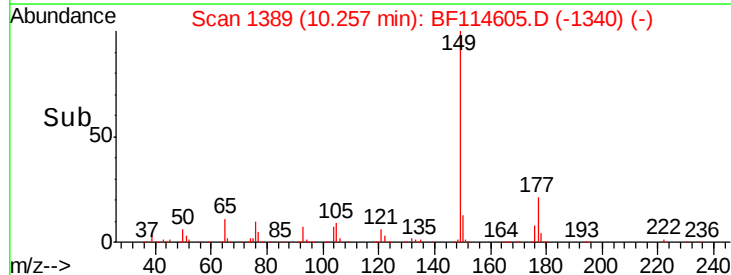
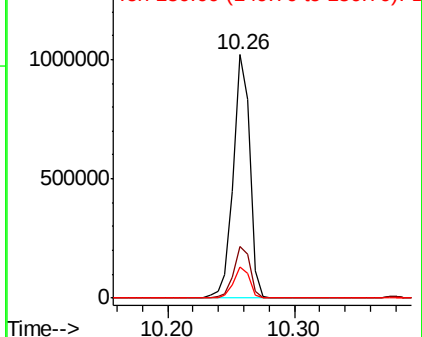


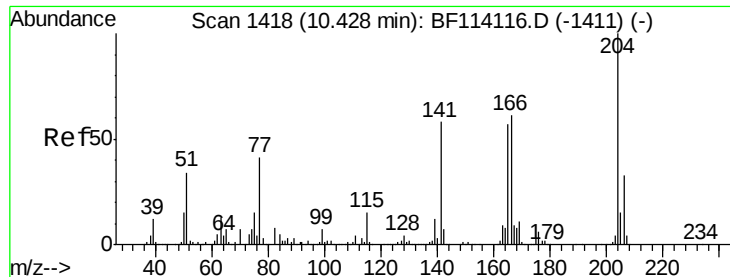
#60
 Diethylphthalate
 Concen: 43.395 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion	149	Resp: Lower	909237 Upper
149	100		
177	21.1	17.8	26.6
150	13.0	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

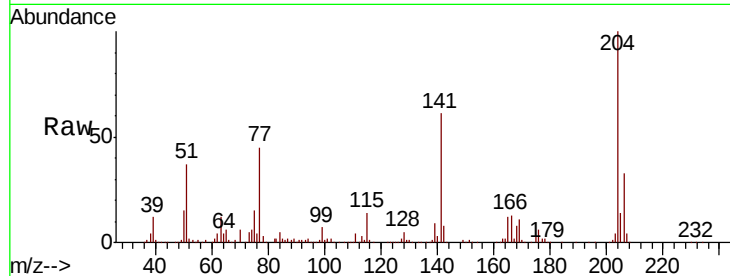




#61
4-Chlorophenyl-phenylether
Concen: 44.443 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	61.5	46.4	69.6

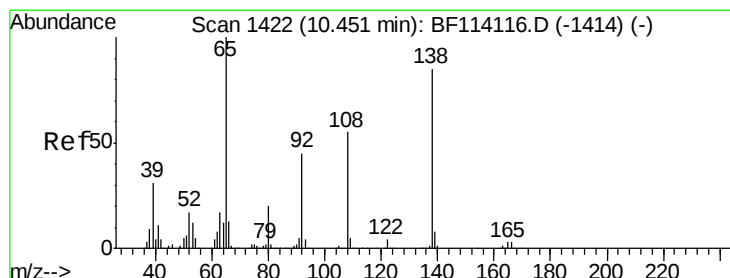
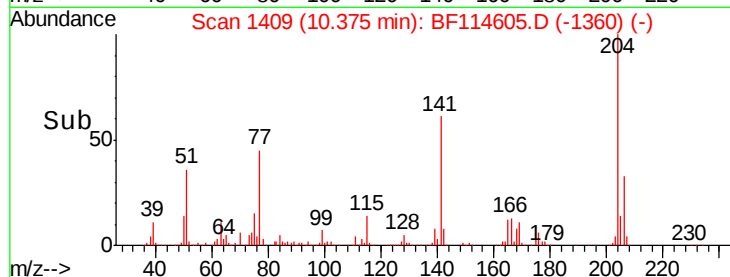
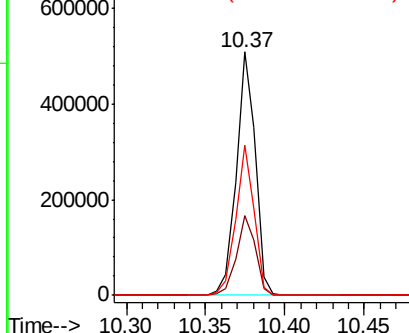


Abundance

Ion 204.00 (203.70 to 204.70): E

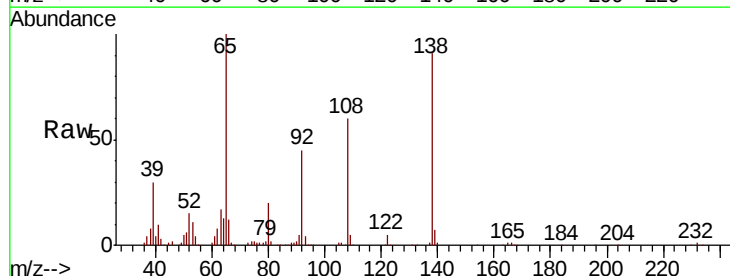
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.285 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	33.0	73.0
108	65.9	44.9	84.9

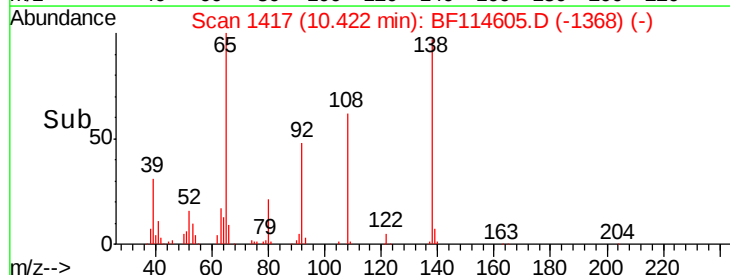
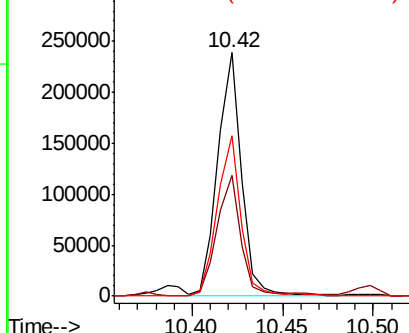


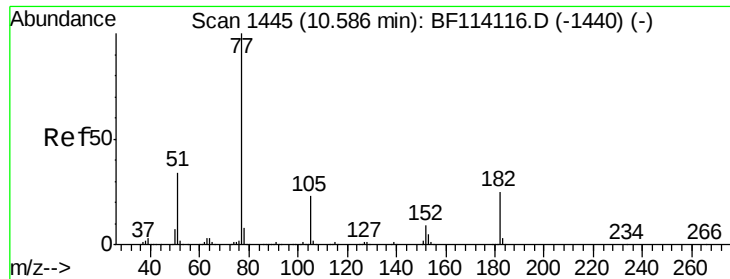
Abundance

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: 43.026 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 872615

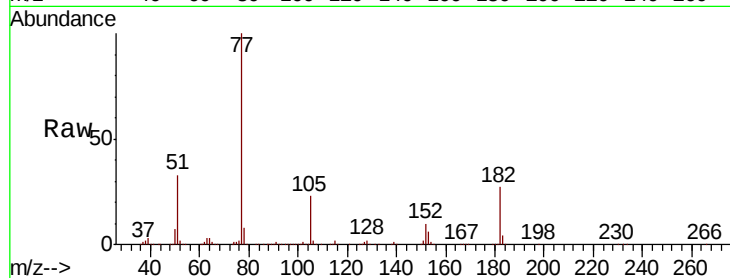
Ion Ratio Lower Upper

77 100

182 26.7 4.7 44.7

105 23.0 2.9 42.9

51 33.2 14.6 54.6

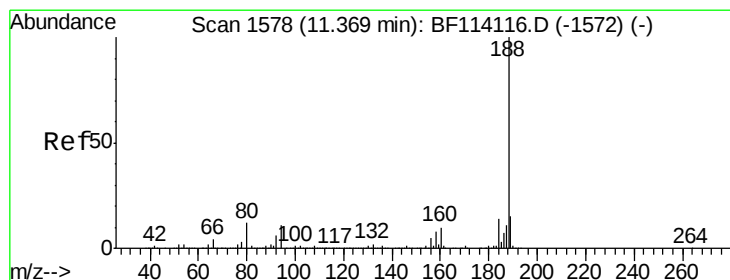
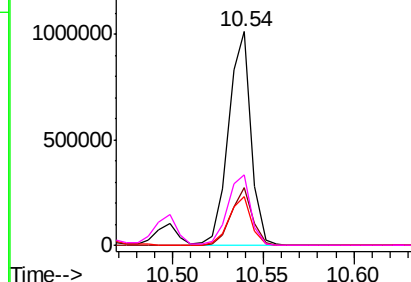
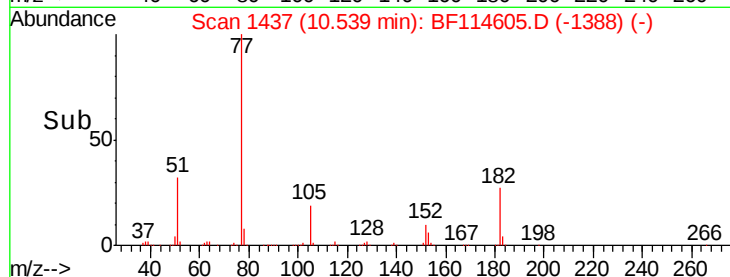


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114605.D

Acq: 25 May 2019 15:53

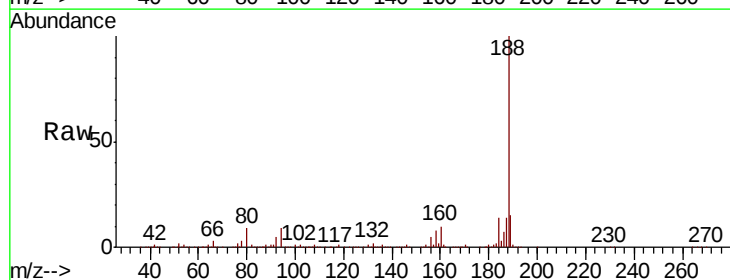
Tgt Ion: 188 Resp: 548803

Ion Ratio Lower Upper

188 100

94 8.9 8.4 12.6

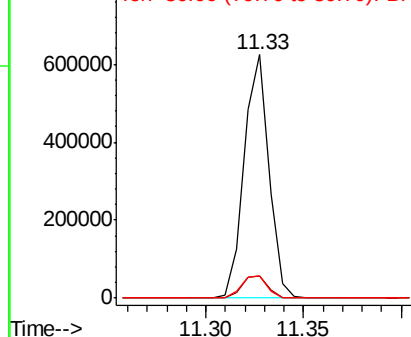
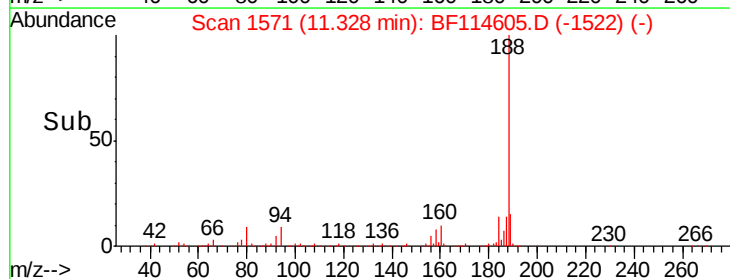
80 9.2 9.2 13.8#

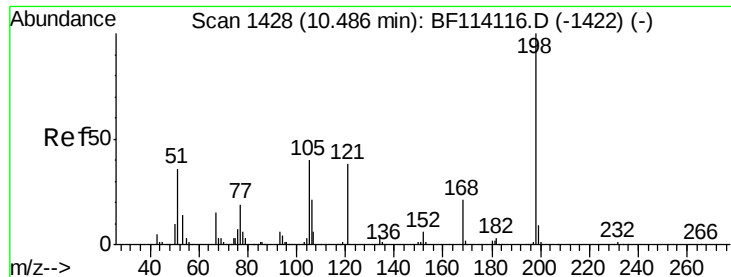


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.918 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

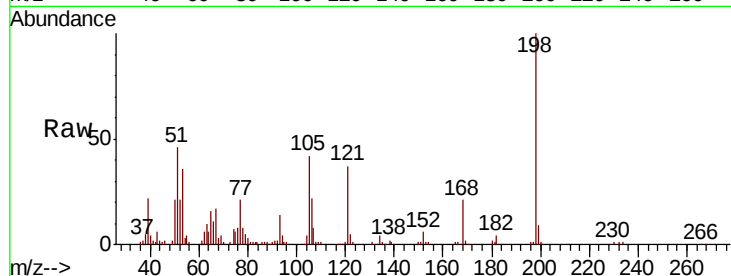
Tot Ion:198 Resp: 121090

Ion Ratio Lower Upper

198 100

51 46.2 28.0 68.0

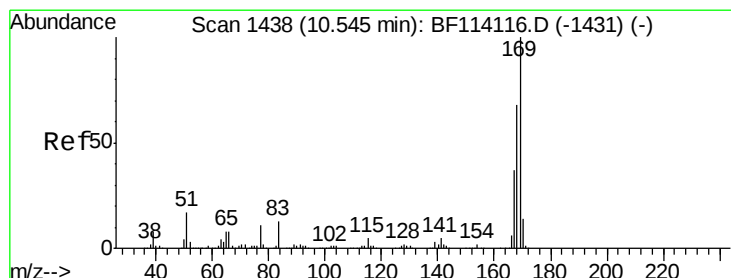
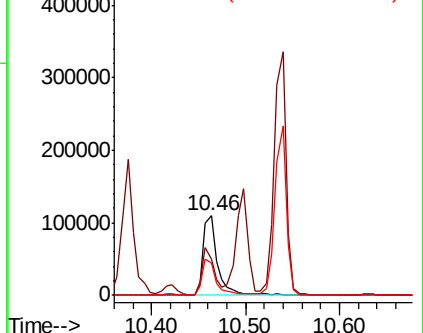
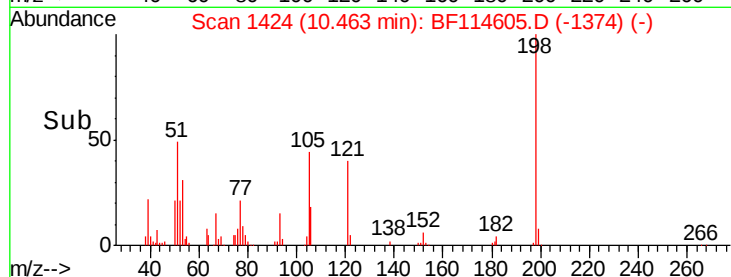
105 41.6 21.1 61.1



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: 46.302 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

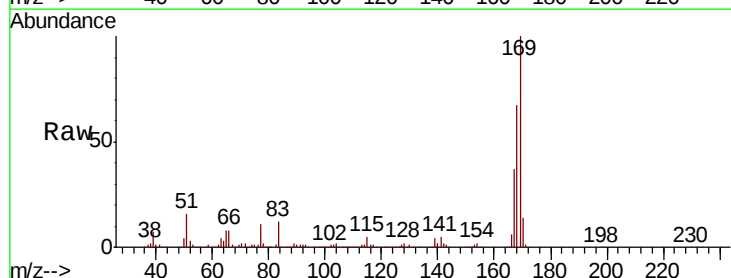
Tgt Ion:169 Resp: 771227

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

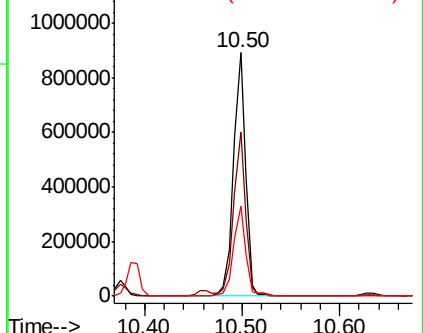
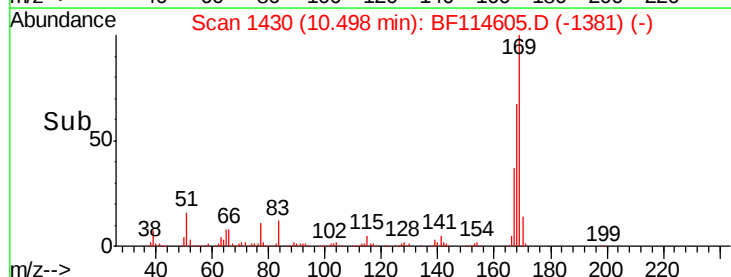
167 36.7 29.8 44.8

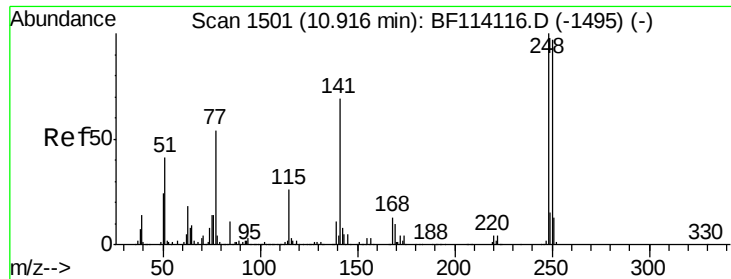


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

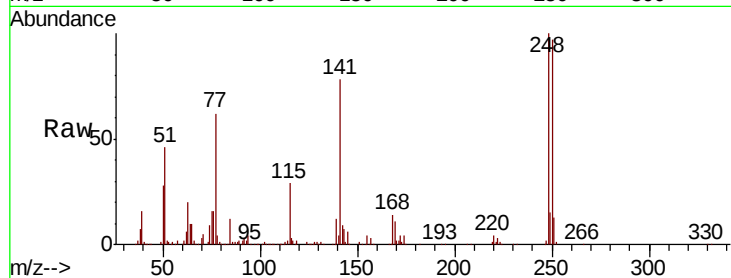




#67
4-Bromophenyl-phenylether
Concen: 43.792 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.4	116.2
141	77.7	55.6	83.4

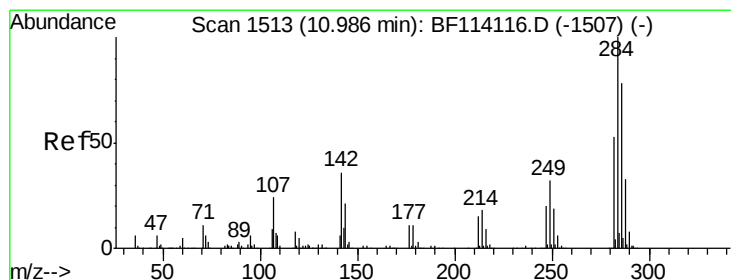
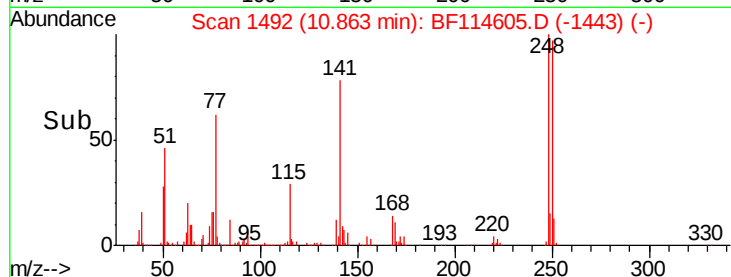
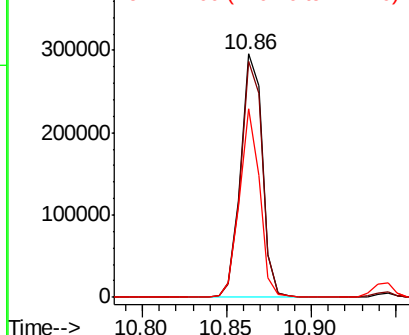


Abundance

Ion 248.00 (247.70 to 248.70): E

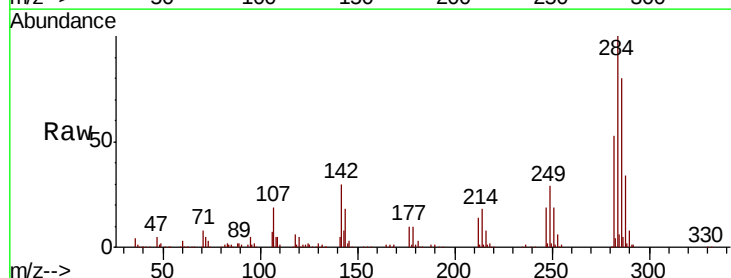
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.140 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	28.4	42.6
249	29.3	25.2	37.8

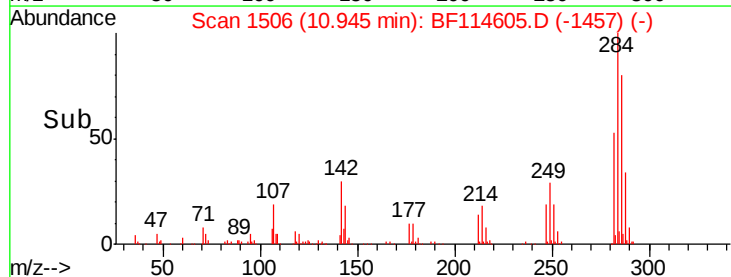
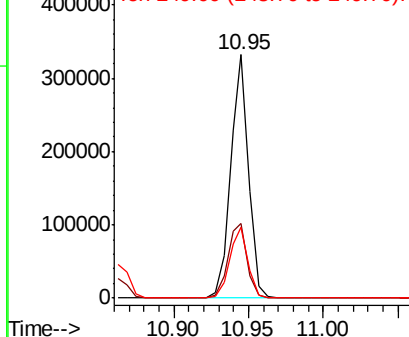


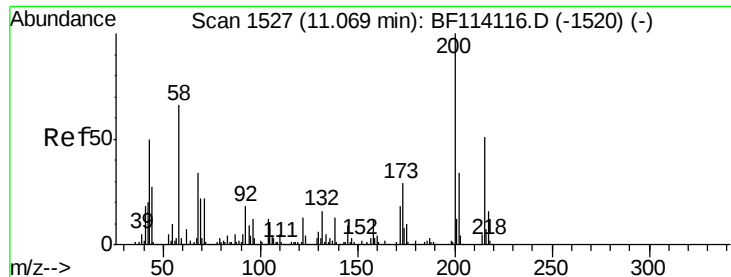
Abundance

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

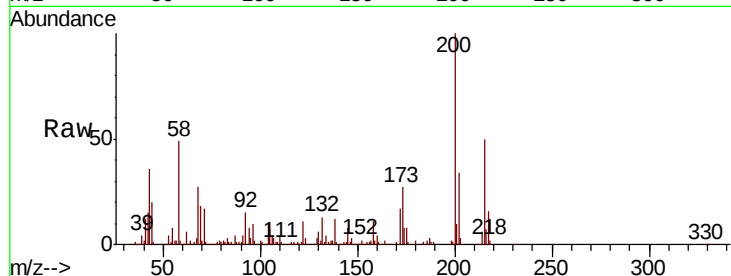




#69
Atrazine
Concen: 43.925 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.9	48.9
215	49.9	30.7	70.7

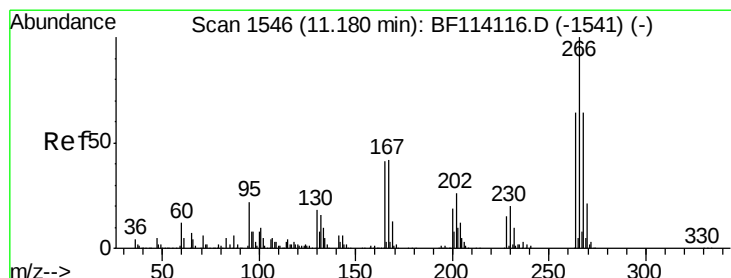
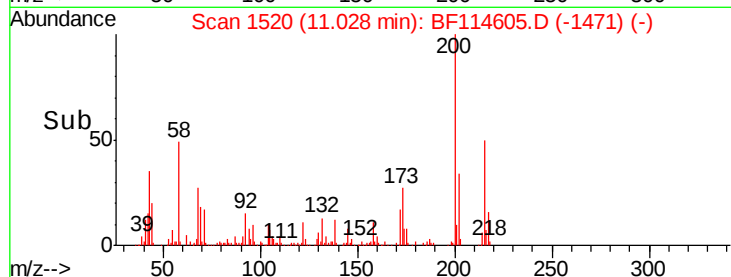
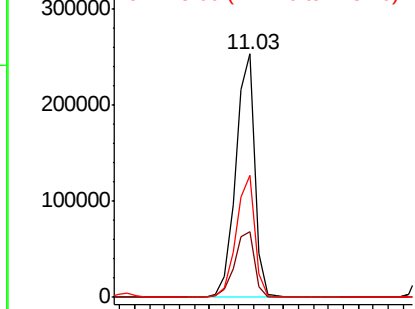


Abundance

Ion 200.00 (199.70 to 200.70): E

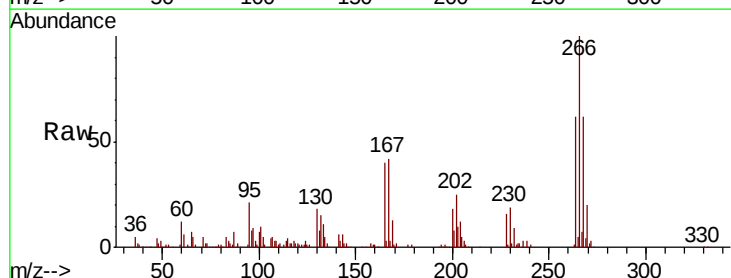
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.956 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	62.4	51.1	76.7

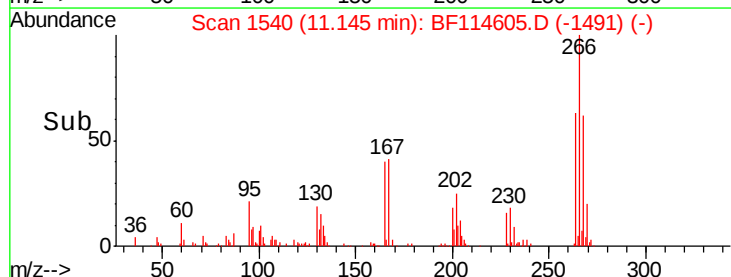
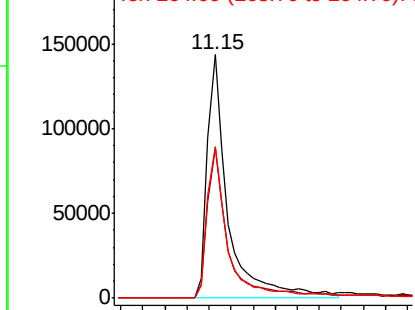


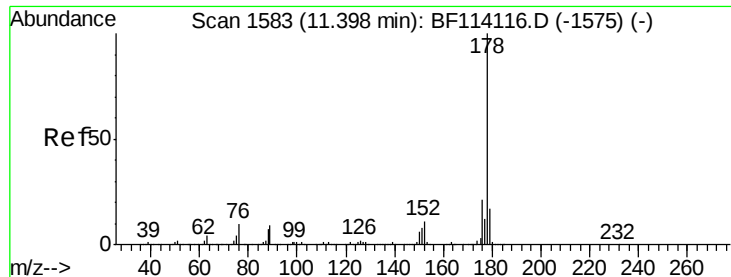
Abundance

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: 45.322 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

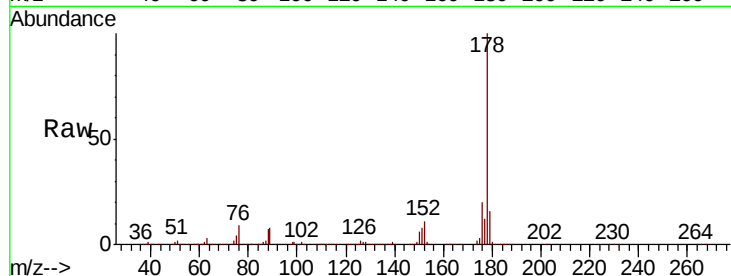
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1210095

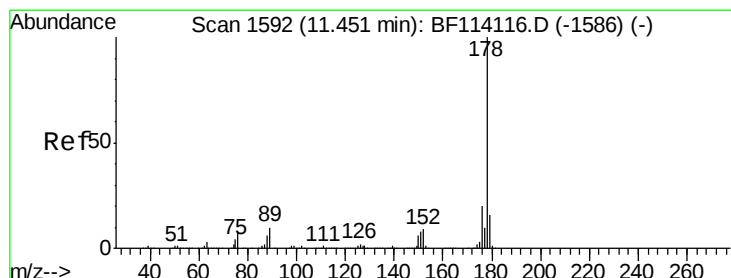
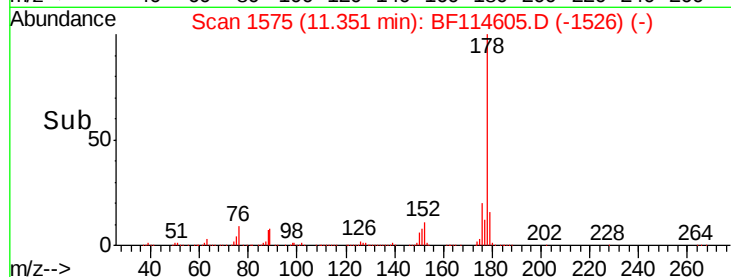
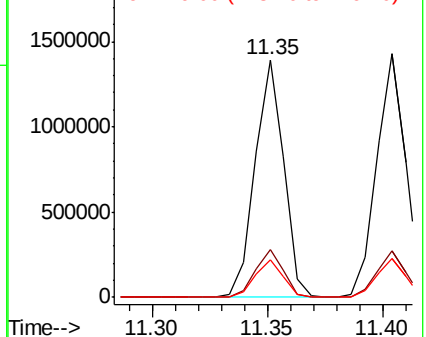
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	15.8	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.800 ng

RT: 11.40 min Scan# 1584

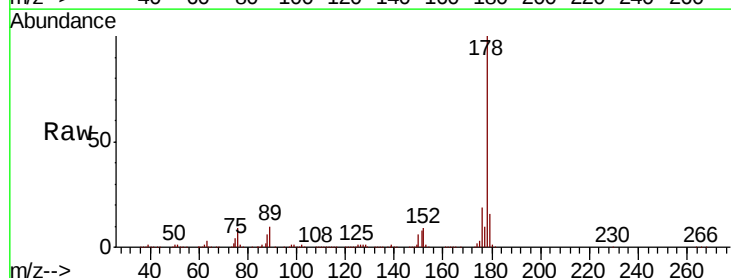
Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:178 Resp: 1255068

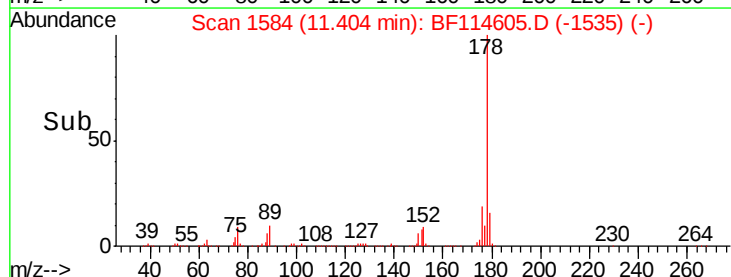
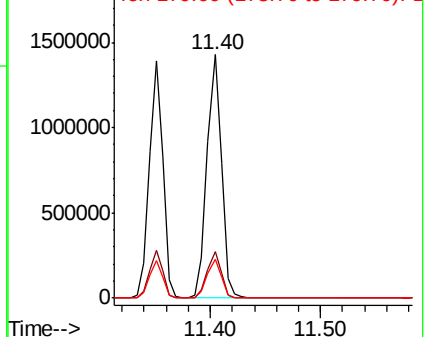
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.0	13.0	19.4

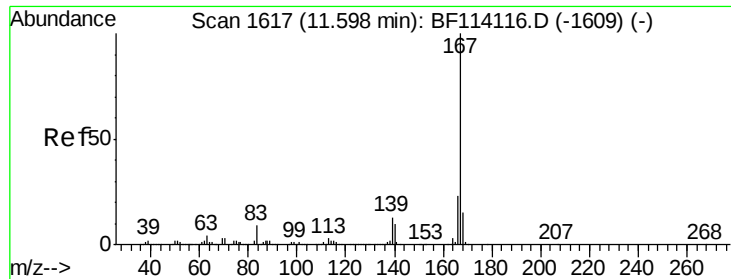


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



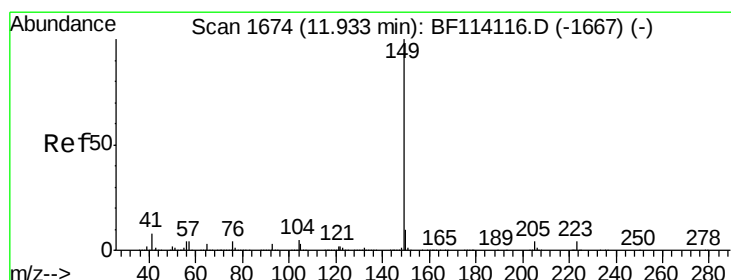
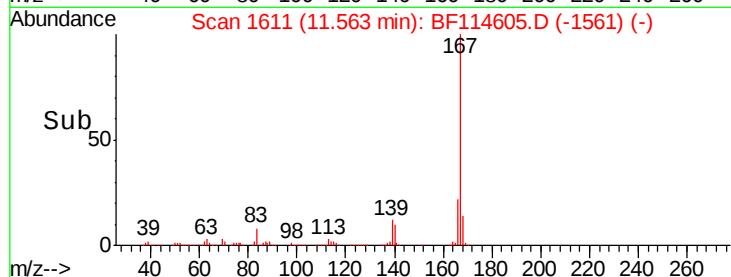
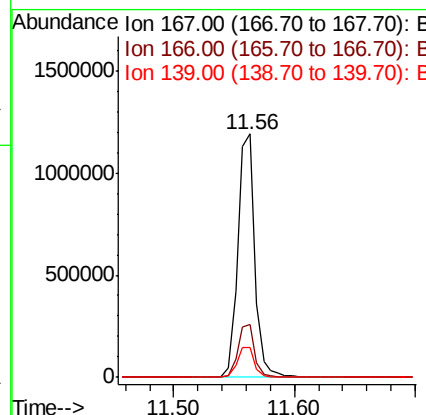
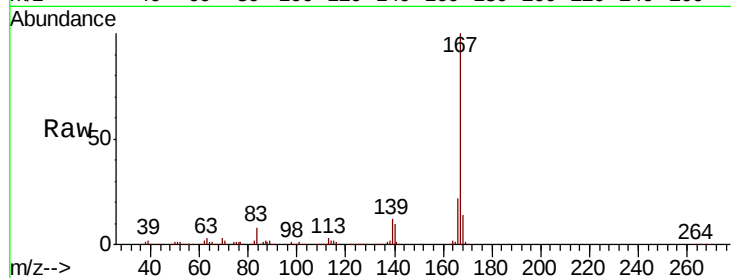


#73
 Carbazole
 Concen: 45.689 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1168407

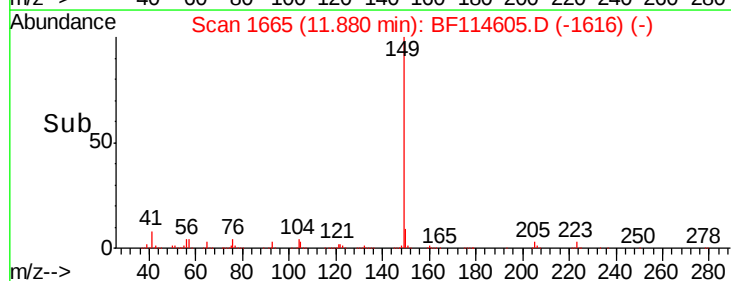
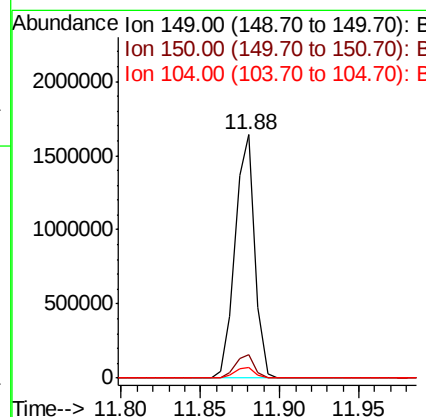
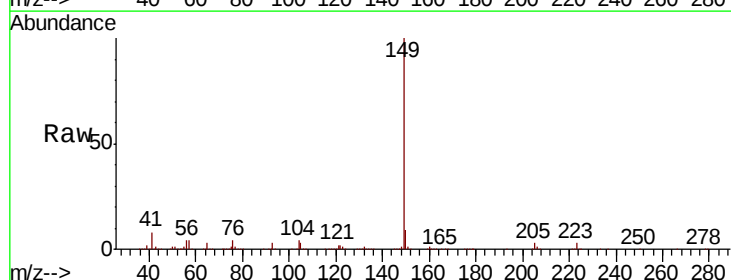
Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	12.5	10.6	16.0

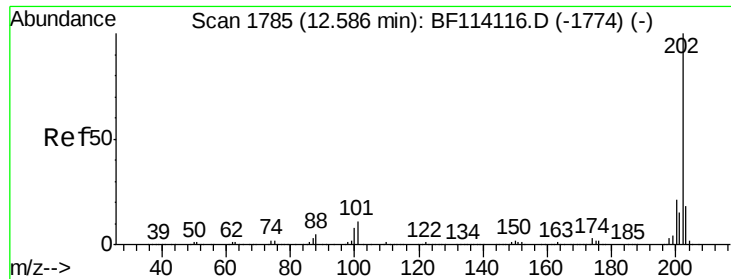


#74
 Di-n-butylphthalate
 Concen: 47.978 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion:149 Resp: 1413540

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	3.6	5.4

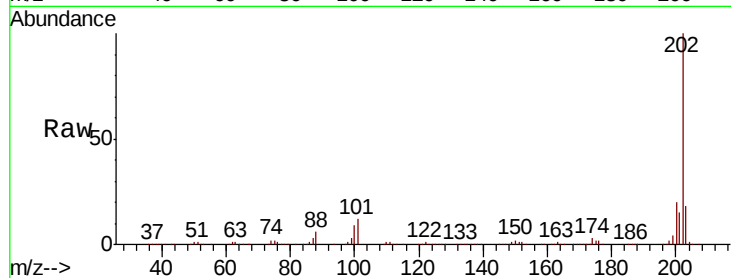




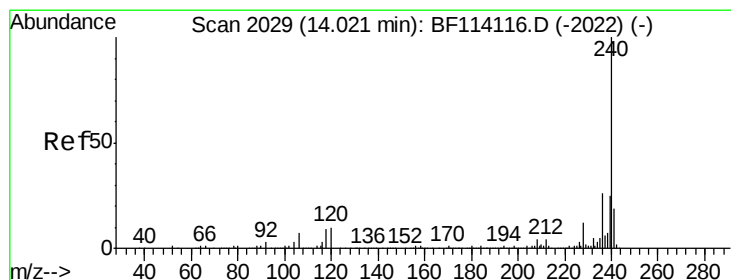
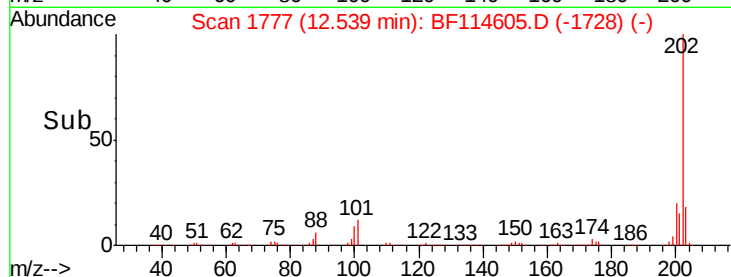
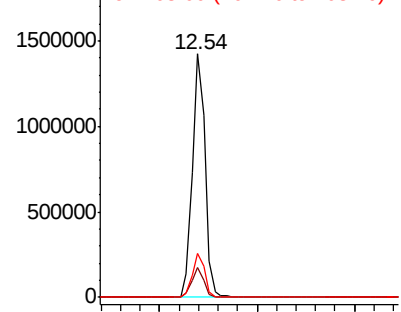
#75
Fluoranthene
Concen: 44.639 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1283478
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.0
203 18.1 0.0 38.4

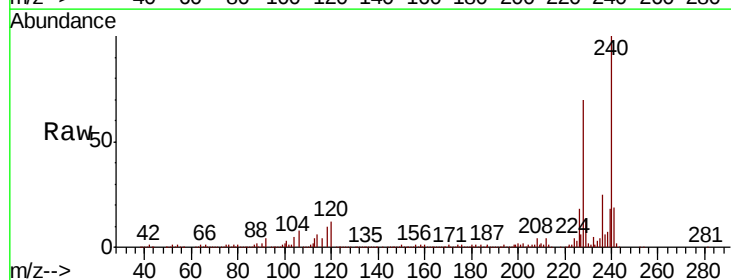


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

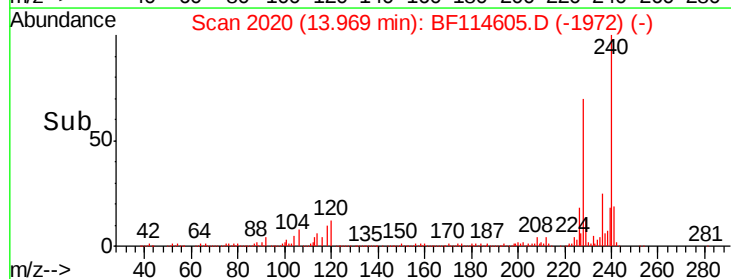
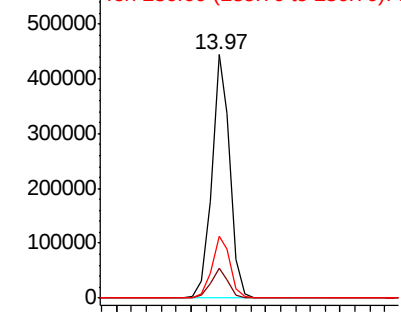


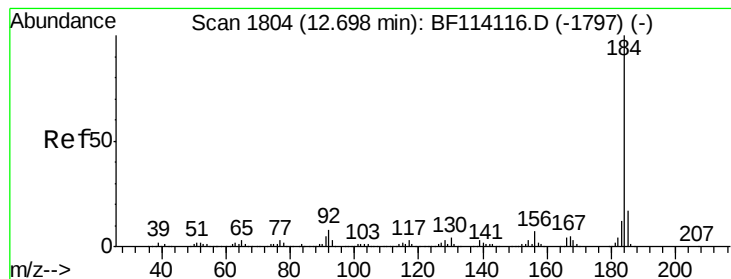
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:240 Resp: 379202
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 25.2 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: 37.199 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

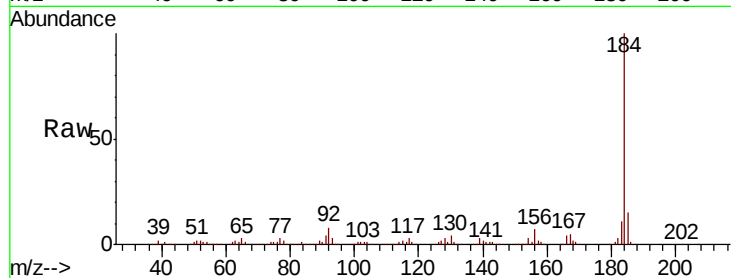
Tot Ion:184 Resp: 633189

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

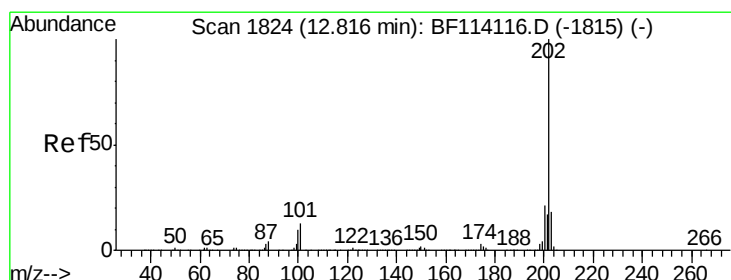
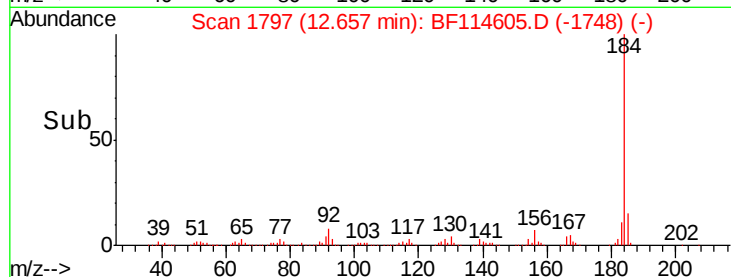
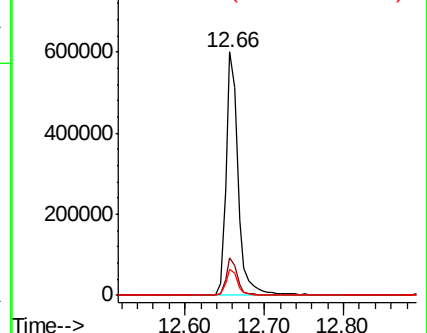
183 10.9 9.2 13.8



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: 42.461 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

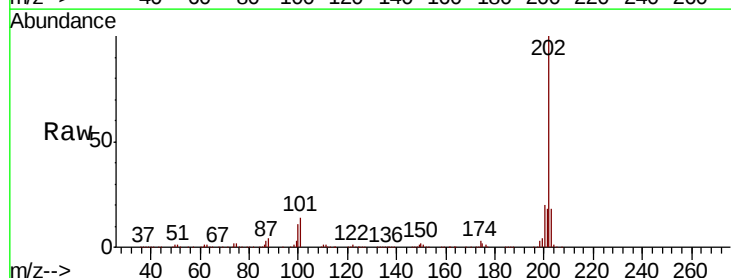
Tgt Ion:202 Resp: 1295268

Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

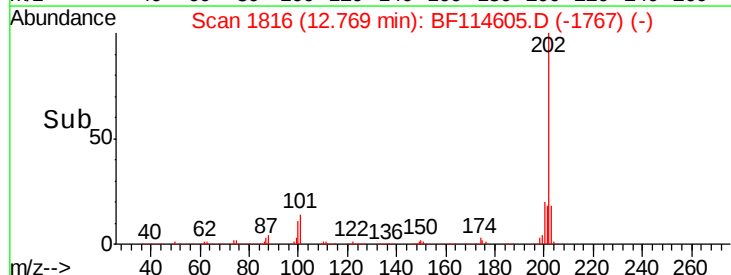
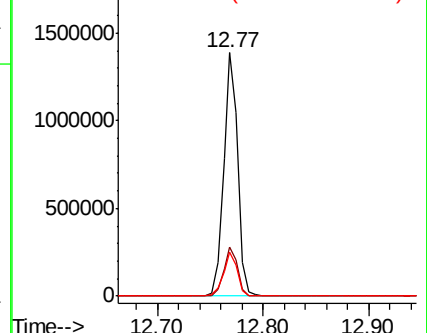
203 18.0 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



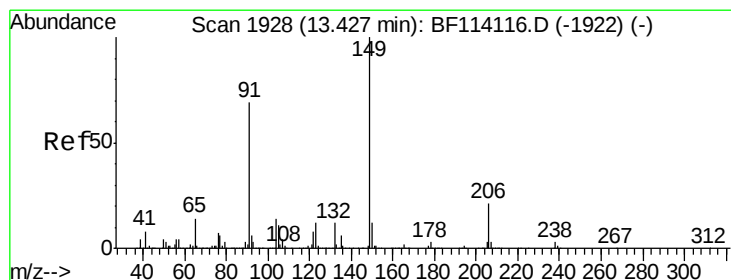
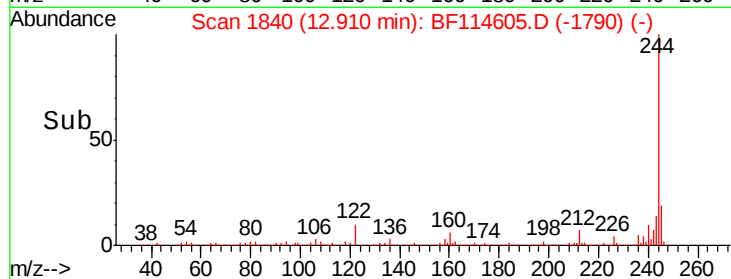
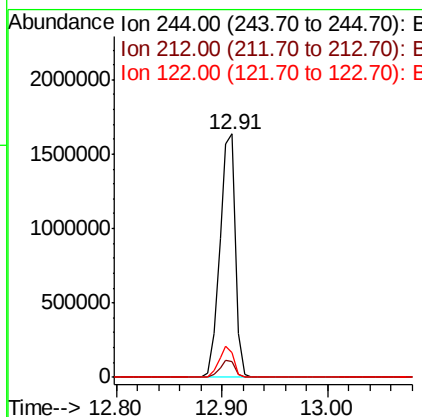
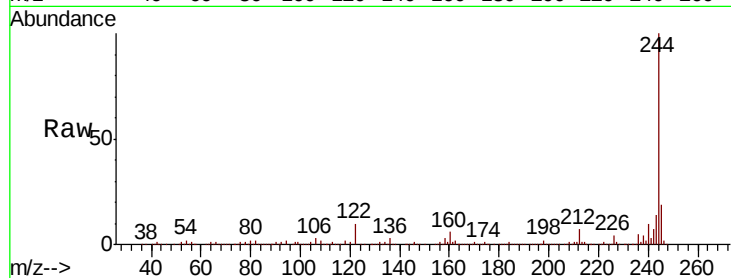


#79
 Terphenyl-d14
 Concen: 92.164 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1695367

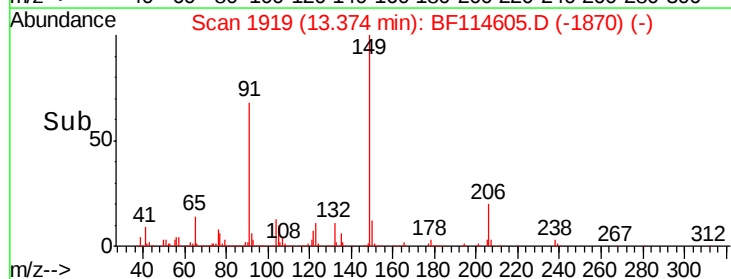
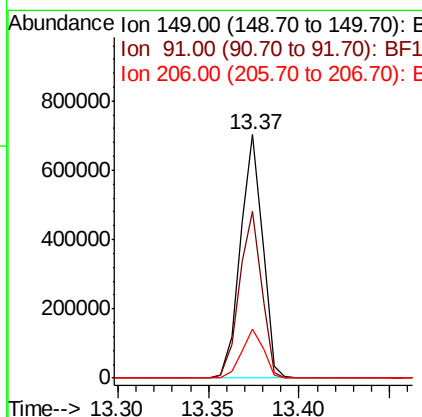
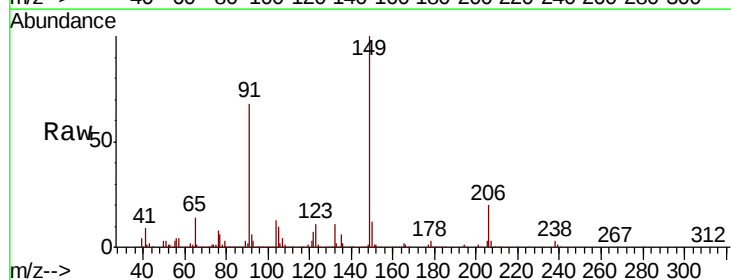
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.3	9.4	14.2

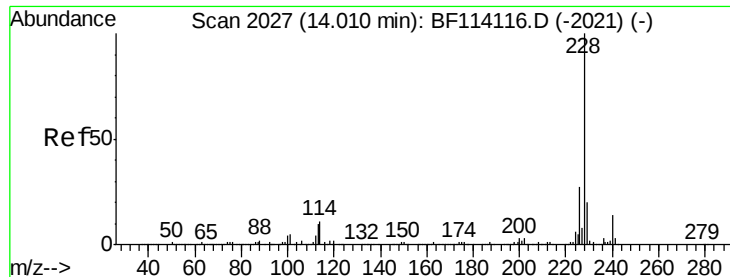


#80
 Butylbenzylphthalate
 Concen: 46.494 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF114605.D
 Acq: 25 May 2019 15:53

Tgt Ion:149 Resp: 596976

Ion	Ratio	Lower	Upper
149	100		
91	68.4	55.0	82.4
206	20.1	16.9	25.3

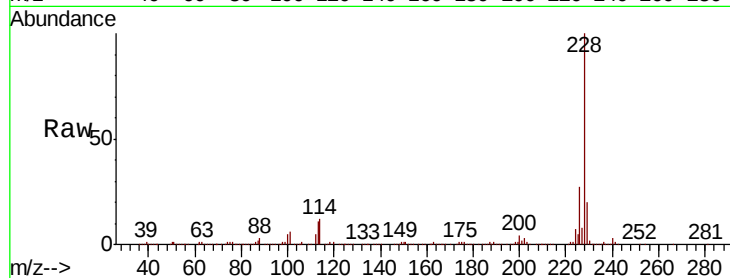




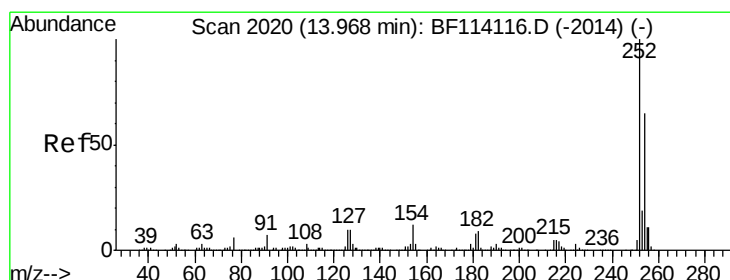
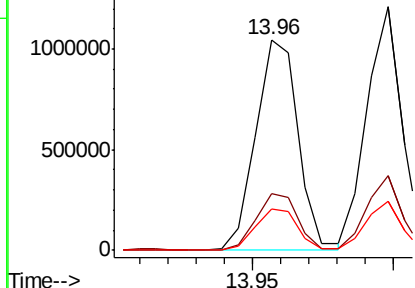
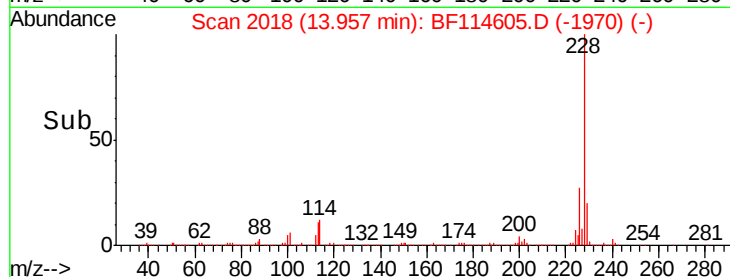
#81
Benzo(a)anthracene
Concen: 44.222 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1084605
Ion Ratio Lower Upper
228 100
226 26.9 22.2 33.2
229 19.9 16.4 24.6

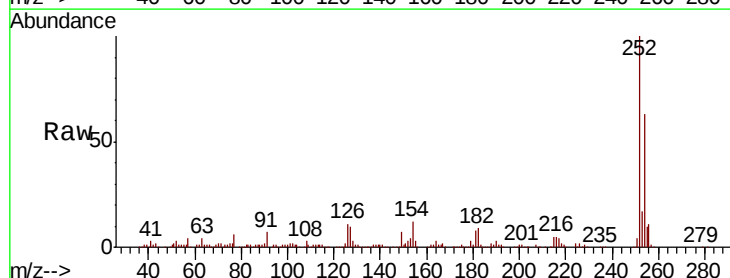


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

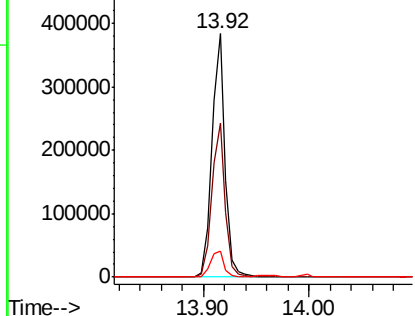
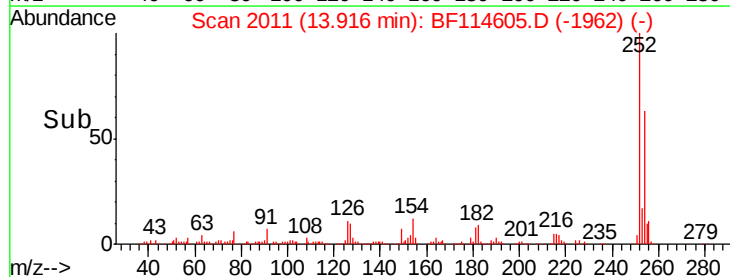


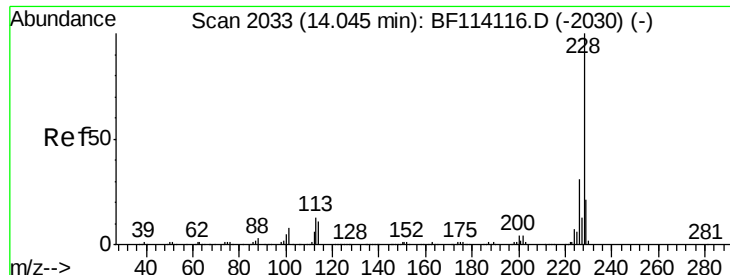
#82
3,3'-Dichlorobenzidine
Concen: 35.214 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:252 Resp: 335041
Ion Ratio Lower Upper
252 100
254 63.5 51.9 77.9
126 10.6 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

Chrvsene

Concen: 43.643 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

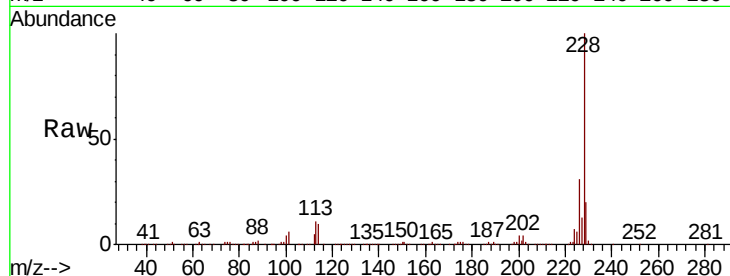
Tot Ion:228 Resp: 1049311

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

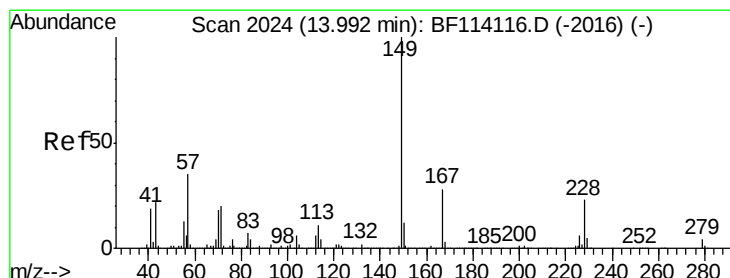
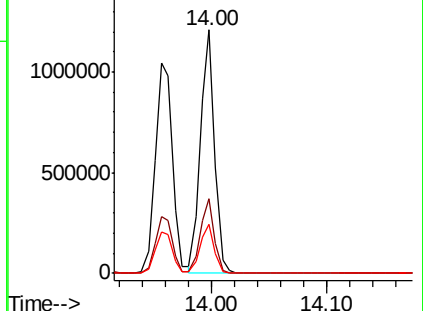
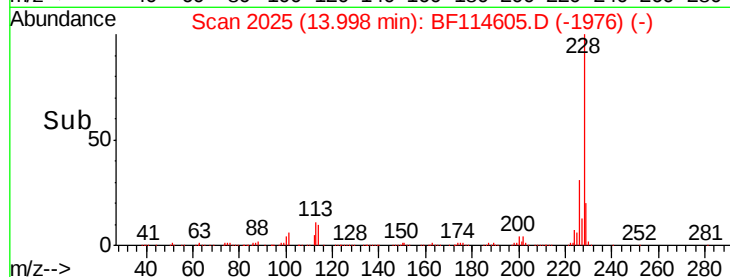
229 20.1 17.0 25.6



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: 48.982 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

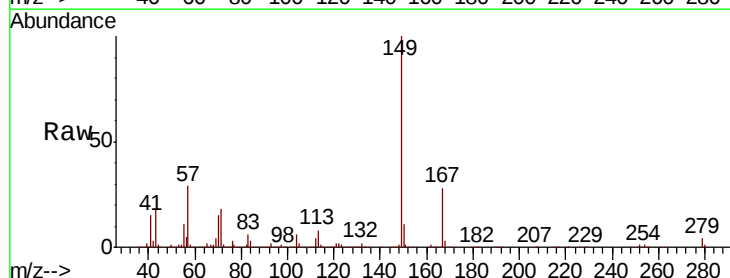
Tgt Ion:149 Resp: 822546

Ion Ratio Lower Upper

149 100

167 28.2 22.6 33.8

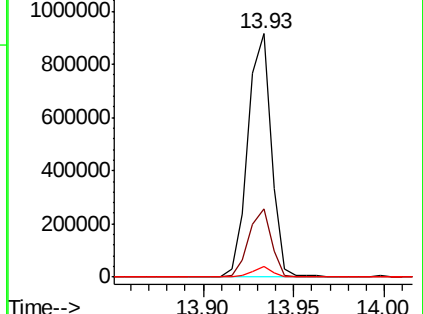
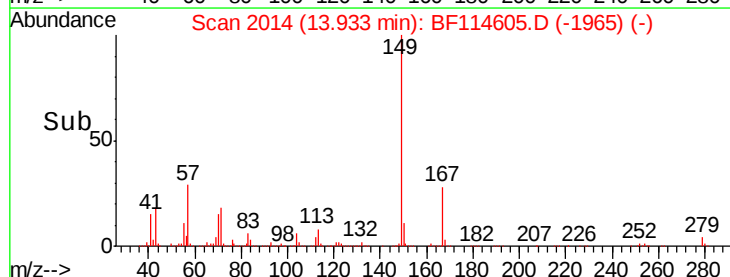
279 4.1 3.0 4.6

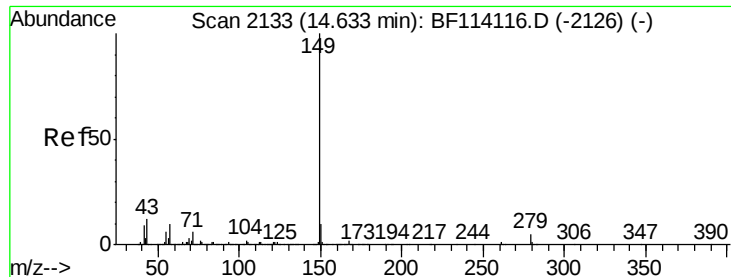


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.919 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

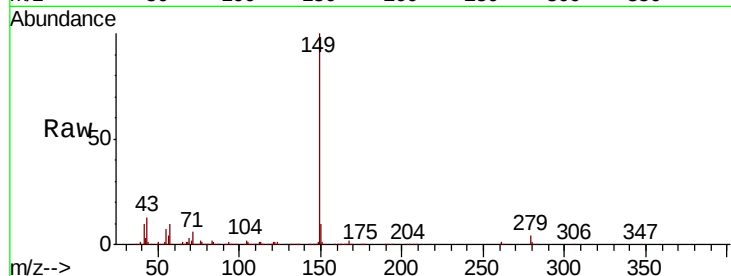
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1358897

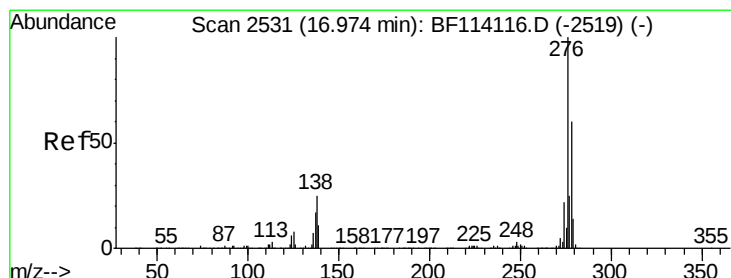
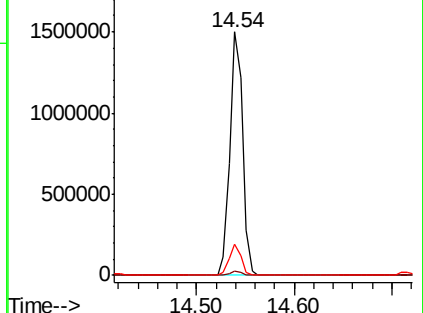
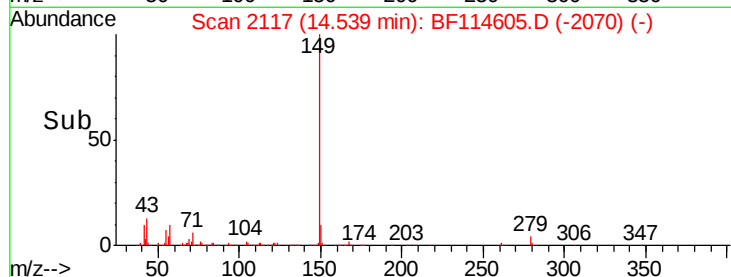
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.7	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.740 ng

RT: 16.90 min Scan# 2518

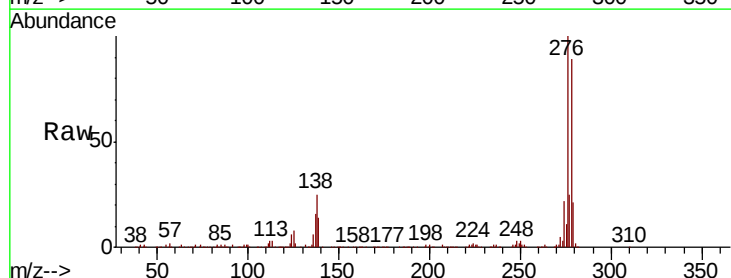
Delta R.T. -0.03 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Tgt Ion:276 Resp: 993167

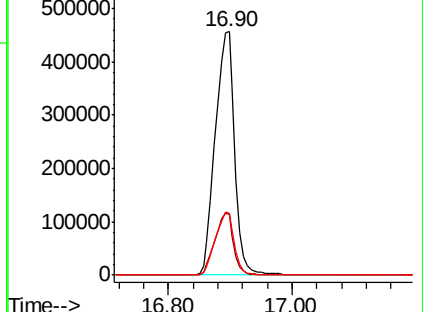
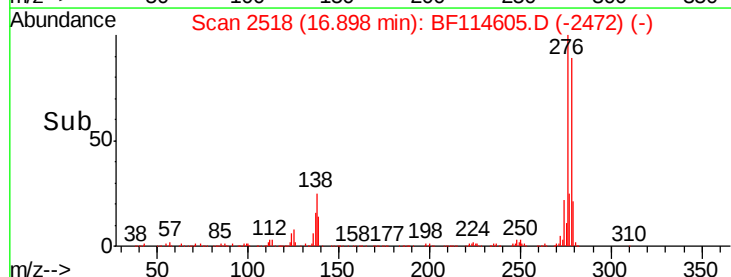
Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.2	30.2
277	25.2	20.0	30.0

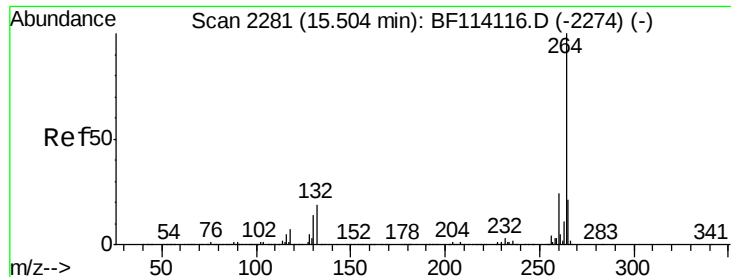


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

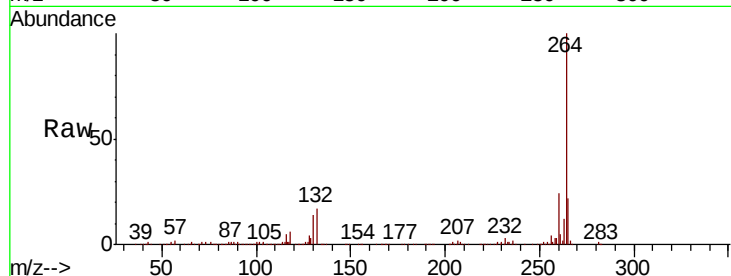
Tot Ion:264 Resp: 368166

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

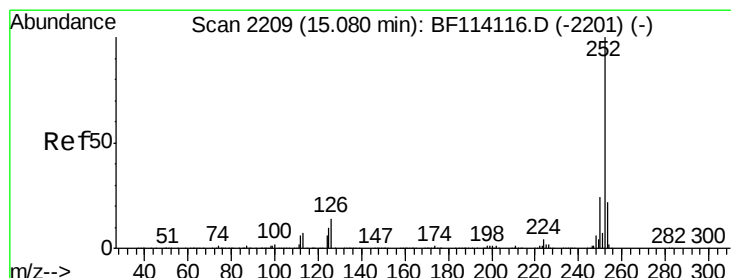
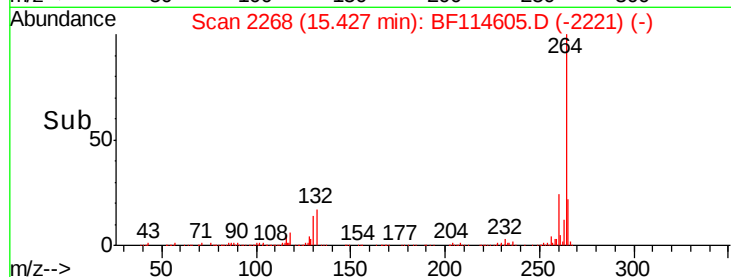
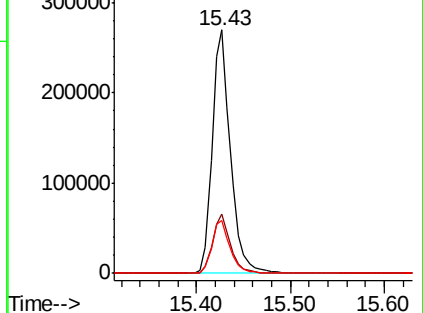
265 21.5 16.9 25.3



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: 48.536 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

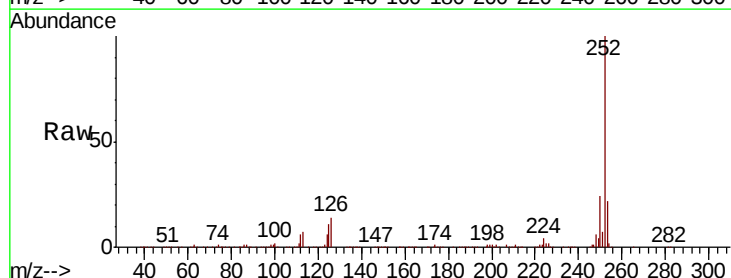
Tgt Ion:252 Resp: 1144809

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

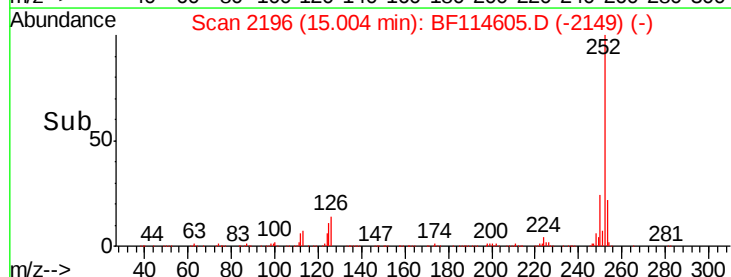
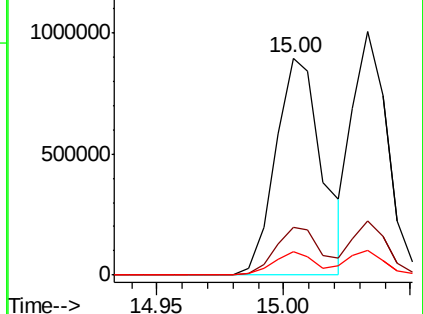
125 10.8 8.3 12.5

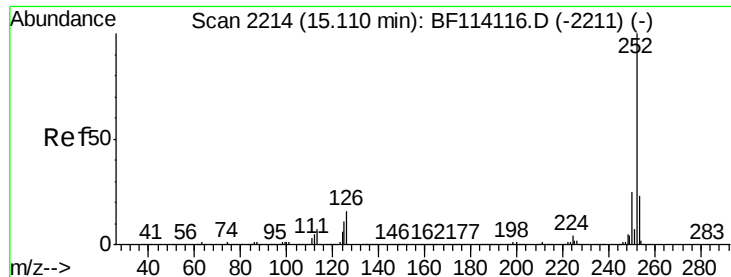


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

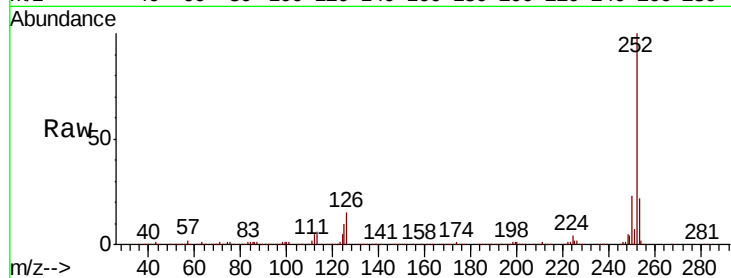




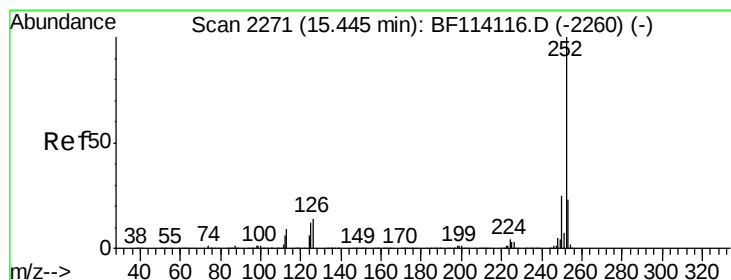
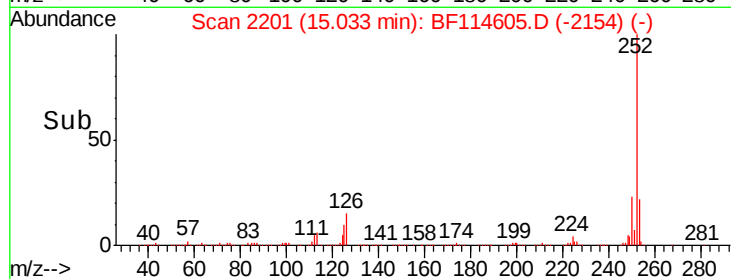
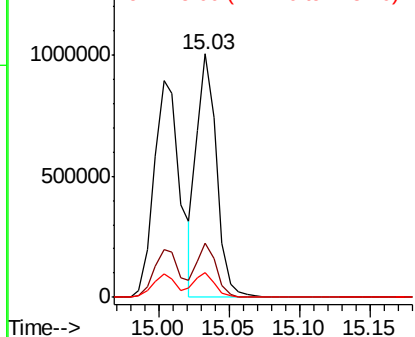
#89
Benzo(k)fluoranthene
Concen: 44.927 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 973433
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.3 8.6 13.0

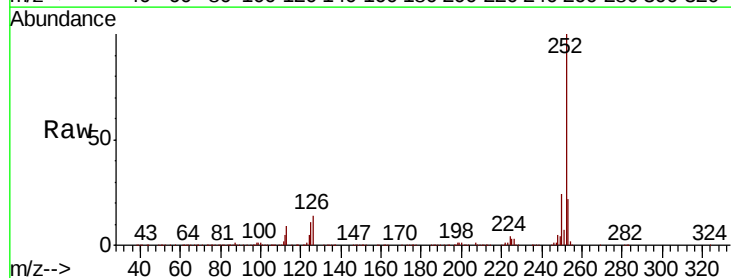


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

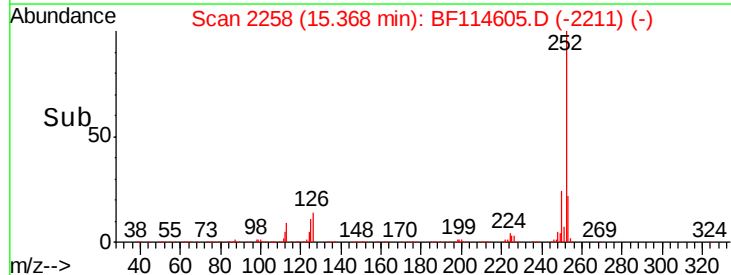
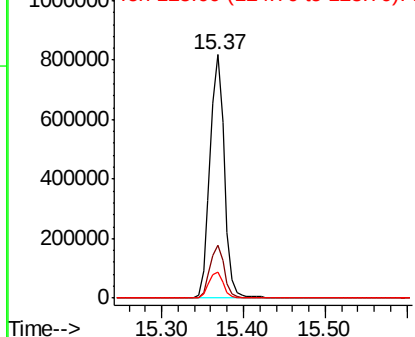


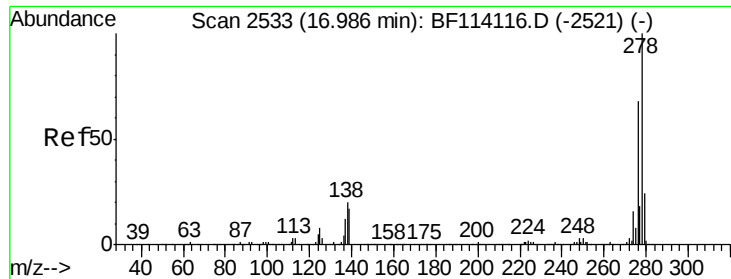
#90
Benzo(a)pyrene
Concen: 48.355 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114605.D
Acq: 25 May 2019 15:53

Tgt Ion:252 Resp: 1003770
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 10.9 9.5 14.3



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





#91

Dibenzo(a,h)anthracene

Concen: 48.293 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

Instrument :

BNA_F

ClientSampleId :

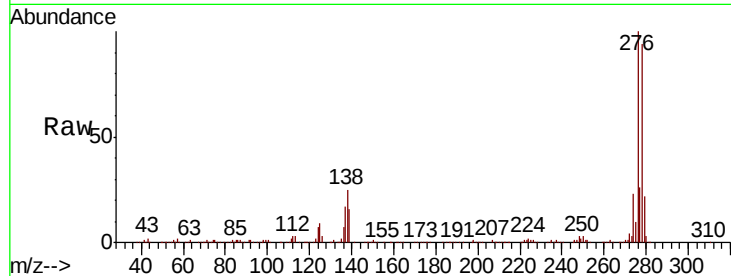
Tot Ion:278 Resp: 833018

Ion Ratio Lower Upper

278 100

139 17.2 13.5 20.3

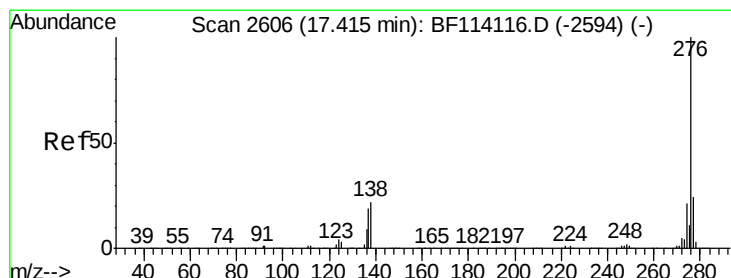
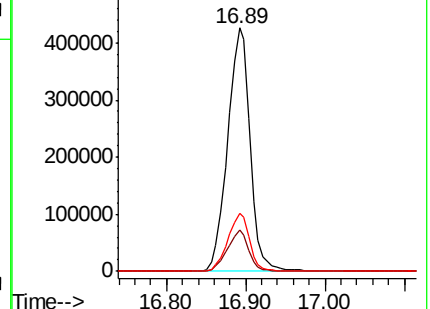
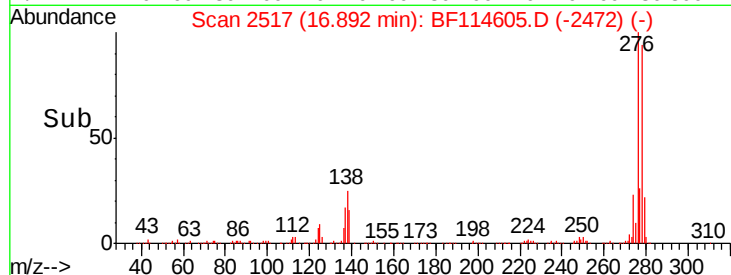
279 23.6 19.0 28.6



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: 48.291 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114605.D

Acq: 25 May 2019 15:53

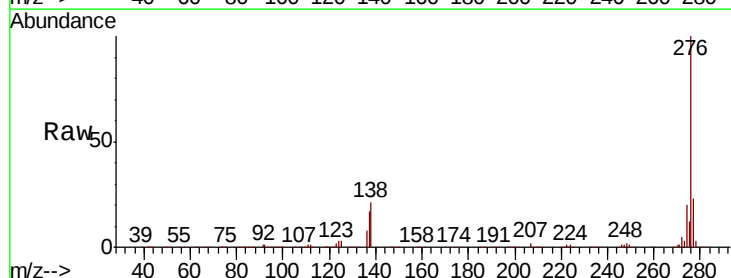
Tgt Ion:276 Resp: 834769

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 21.3 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

