

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105170.D
 Acq On : 9 May 2018 2:58
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:37:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217829	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	848436	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	416300	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	809338	20.00	ng	0.00
75) Chrysene-d12	14.02	240	630384	20.00	ng	0.00
86) Perylene-d12	15.56	264	584279	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	936045	70.79	ng	0.00
7) Phenol-d6	6.42	99	1144778	72.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	1004037	80.20	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	361370	78.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1821505	67.91	ng	0.00
78) Terphenyl-d14	12.91	244	1840382	67.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	235299	33.658	ng	89
3) Pyridine	3.24	79	646349	34.475	ng	86
4) n-Nitrosodimethylamine	3.20	42	325865	34.292	ng	89
6) Aniline	6.46	93	792274	34.456	ng	96
8) 2-Chlorophenol	6.57	128	511617	36.476	ng	94
9) Benzaldehyde	6.35	77	411334	34.086	ng	100
10) Phenol	6.43	94	626249	35.743	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	493440	34.171	ng	93
12) 1,3-Dichlorobenzene	6.73	146	583590	34.518	ng	98
13) 1,4-Dichlorobenzene	6.81	146	585580	34.638	ng	99
14) 1,2-Dichlorobenzene	6.96	146	536774	34.420	ng	100
15) Benzyl Alcohol	6.93	79	444998	36.930	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	884591	32.964	ng	98
17) 2-Methylphenol	7.04	107	431635	35.641	ng	97
18) Hexachloroethane	7.30	117	200341	36.826	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	361276	34.658	ng	92
20) 3+4-Methylphenols	7.20	107	513099	36.053	ng	# 86
22) Acetophenone	7.20	105	671907	33.975	ng	# 90
24) Nitrobenzene	7.38	77	540534	38.081	ng	99
25) Isophorone	7.62	82	976314	34.872	ng	99
26) 2-Nitrophenol	7.69	139	252465	45.190	ng	97
27) 2,4-Dimethylphenol	7.73	122	466035	37.458	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	607181	35.141	ng	99
29) 2,4-Dichlorophenol	7.93	162	430484	36.984	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	472874	35.226	ng	98
31) Naphthalene	8.10	128	1414624	34.628	ng	99
32) Benzoic acid	7.84	122	306721	43.653	ng	93
33) 4-Chloroaniline	8.15	127	597307	35.161	ng	97
34) Hexachlorobutadiene	8.22	225	274843	35.342	ng	99
35) Caprolactam	8.52	113	134404	38.022	ng	# 81
36) 4-Chloro-3-methylphenol	8.62	107	437360	36.090	ng	95
37) 2-Methylnaphthalene	8.79	142	990568	34.788	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	466054	35.181	ng	98
40) Hexachlorocyclopentadiene	8.94	237	297363	41.513	ng	100

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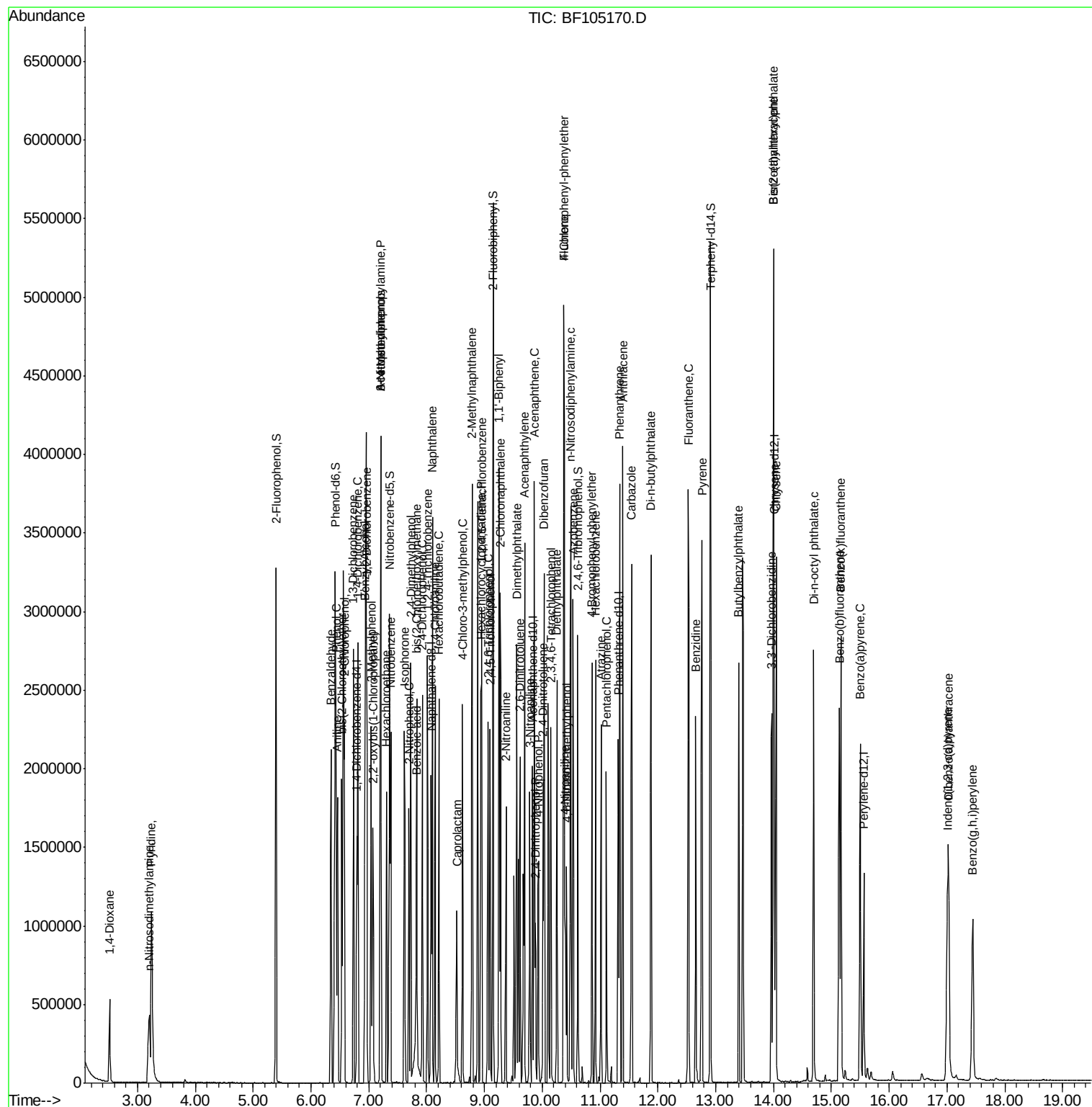
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	301053	37.248	ng	94
43) 2,4,5-Trichlorophenol	9.10	196	323743	38.334	ng	92
45) 1,1'-Biphenyl	9.25	154	1179194	34.765	ng	99
46) 2-Chloronaphthalene	9.27	162	890370	35.122	ng	99
47) 2-Nitroaniline	9.37	65	294202	41.224	ng	95
48) Acenaphthylene	9.69	152	1383323	35.331	ng	98
49) Dimethylphthalate	9.56	163	1017857	36.116	ng	98
50) 2,6-Dinitrotoluene	9.62	165	243763	39.862	ng	96
51) Acenaphthene	9.86	154	909885	36.059	ng	99
52) 3-Nitroaniline	9.79	138	258811	40.180	ng	98
53) 2,4-Dinitrophenol	9.89	184	113621	53.588	ng	# 18
54) Dibenzofuran	10.03	168	1282606	34.749	ng	99
55) 4-Nitrophenol	9.93	139	212517	38.990	ng	97
56) 2,4-Dinitrotoluene	10.02	165	320772	40.095	ng	96
57) Fluorene	10.38	166	919850	33.981	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	287159	38.093	ng	# 88
59) Diethylphthalate	10.26	149	1028518	37.134	ng	95
60) 4-Chlorophenyl-phenylether	10.37	204	449939	35.706	ng	90
61) 4-Nitroaniline	10.40	138	257678	40.202	ng	99
62) Azobenzene	10.53	77	1006622	34.840	ng	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	155732	50.058	ng	89
65) n-Nitrosodiphenylamine	10.49	169	872101	34.568	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	308347	35.722	ng	# 87
67) Hexachlorobenzene	10.92	284	352330	35.425	ng	# 88
68) Atrazine	11.02	200	285838	36.149	ng	96
69) Pentachlorophenol	11.12	266	216608	38.627	ng	99
70) Phenanthrene	11.34	178	1443808	33.837	ng	99
71) Anthracene	11.39	178	1499814	34.594	ng	100
72) Carbazole	11.54	167	1360611	34.827	ng	99
73) Di-n-butylphthalate	11.88	149	1548412	37.056	ng	99
74) Fluoranthene	12.53	202	1584629	35.641	ng	98
76) Benzidine	12.66	184	820299	34.847	ng	96
77) Pyrene	12.76	202	1598010	34.852	ng	99
79) Butylbenzylphthalate	13.40	149	643889	40.171	ng	94
80) Benzo(a)anthracene	14.00	228	1311167	34.296	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	529657	36.851	ng	# 96
82) Chrysene	14.04	228	1364817	34.664	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	778813	41.084	ng	99
84) Di-n-octyl phthalate	14.69	149	1401629	39.551	ng	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	1094950	35.093	ng	94
87) Benzo(b)fluoranthene	15.14	252	1291598	36.133	ng	97
88) Benzo(k)fluoranthene	15.17	252	1251344	36.102	ng	# 97
89) Benzo(a)pyrene	15.50	252	1201154	36.947	ng	# 97
90) Dibenzo(a,h)anthracene	17.03	278	909973	36.038	ng	96
91) Benzo(g,h,i)perylene	17.45	276	888411	35.964	ng	# 93

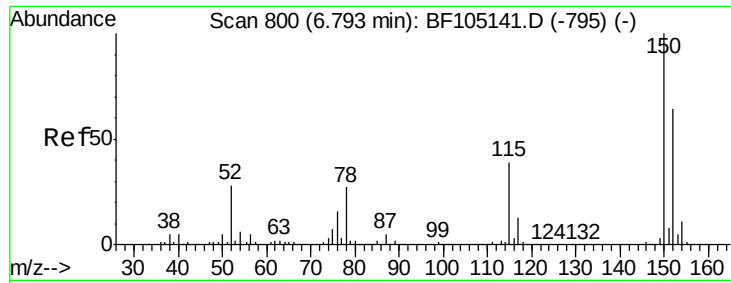
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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Instrument :
BNA_F
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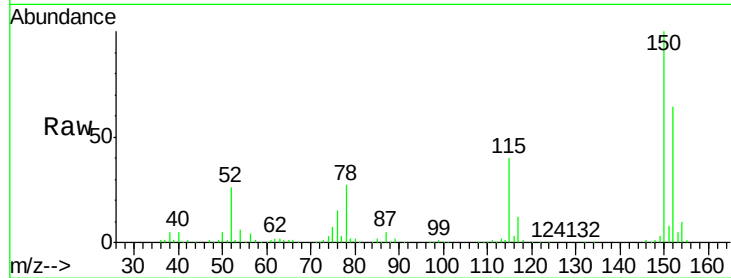


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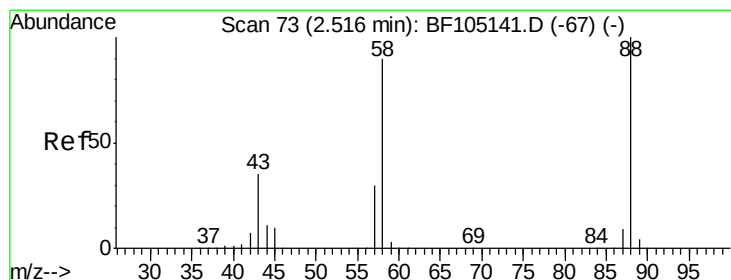
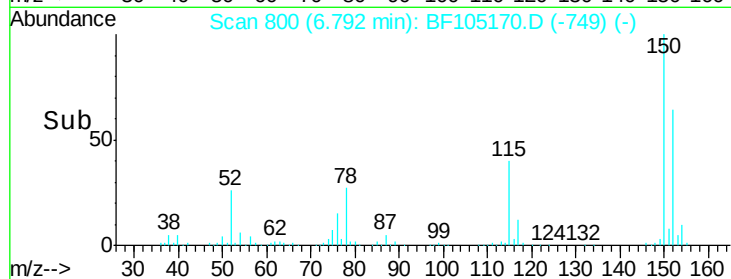
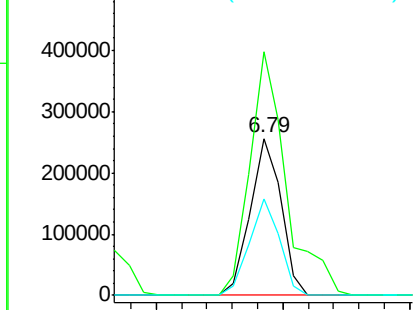
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 217829
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 61.4 50.1 75.1



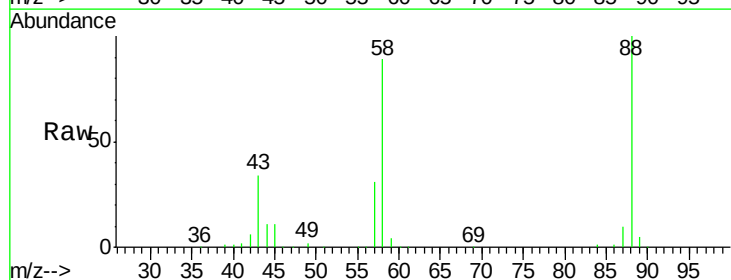
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



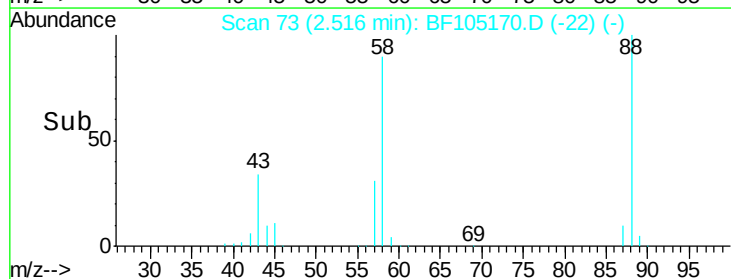
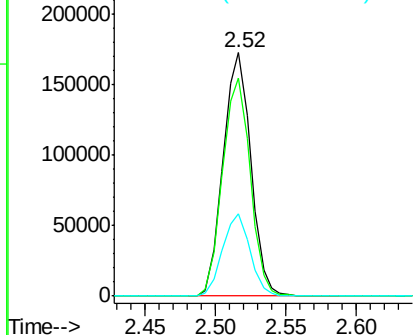
#2

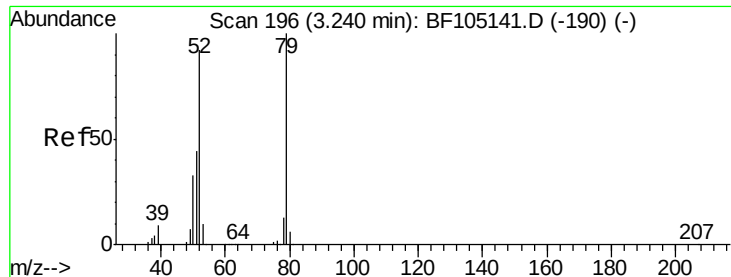
1,4-Dioxane
Concen: 33.658 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 88 Resp: 235299
Ion Ratio Lower Upper
88 100
58 89.3 62.6 93.8
43 33.6 24.6 37.0



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: 34.475 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

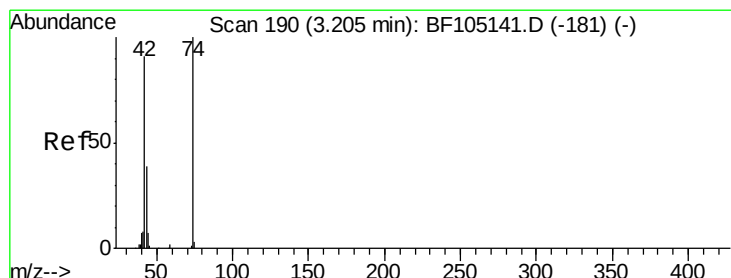
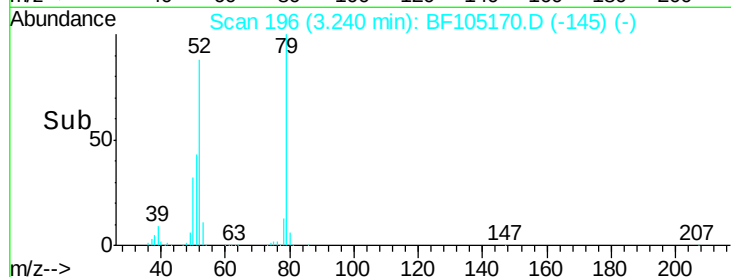
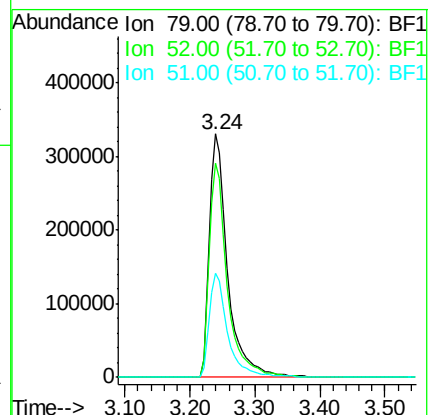
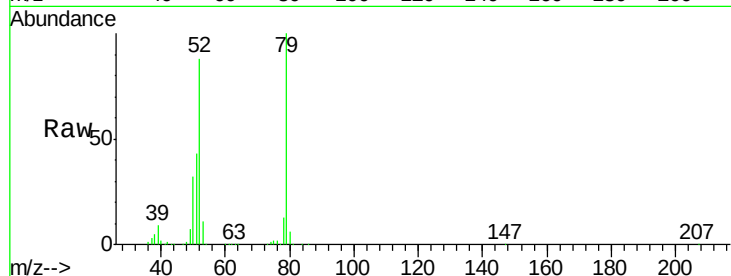
Tot Ion: 79 Resp: 646349

Ion Ratio Lower Upper

79 100

52 88.2 59.8 89.6

51 42.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.292 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

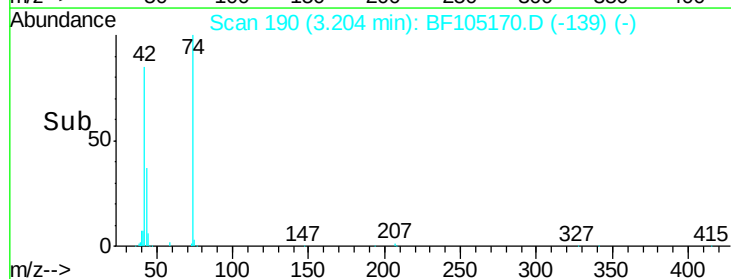
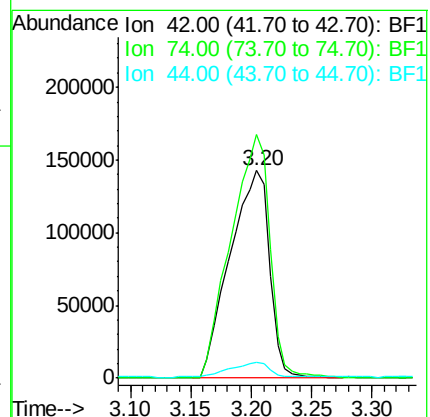
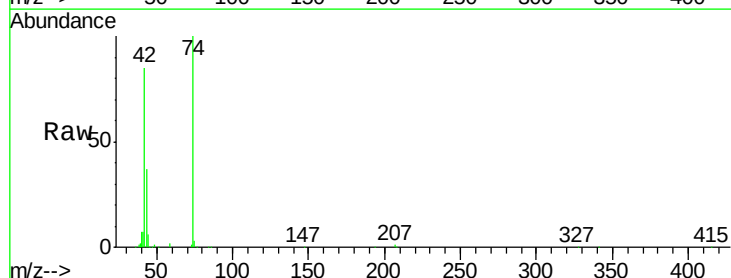
Tgt Ion: 42 Resp: 325865

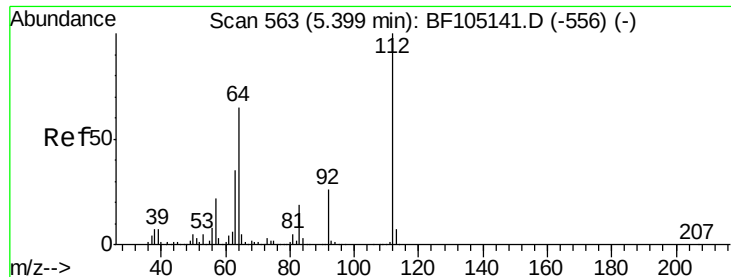
Ion Ratio Lower Upper

42 100

74 117.4 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 70.793 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

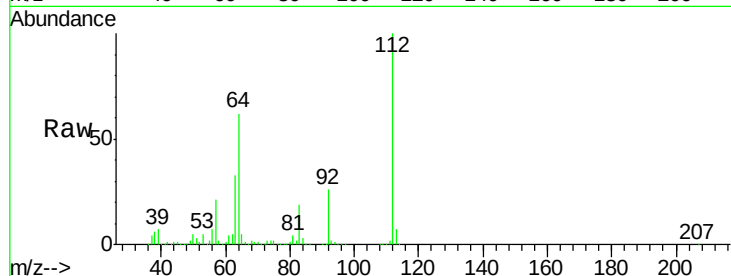
Tot Ion:112 Resp: 936045

Ion Ratio Lower Upper

112 100

64 61.7 47.9 71.9

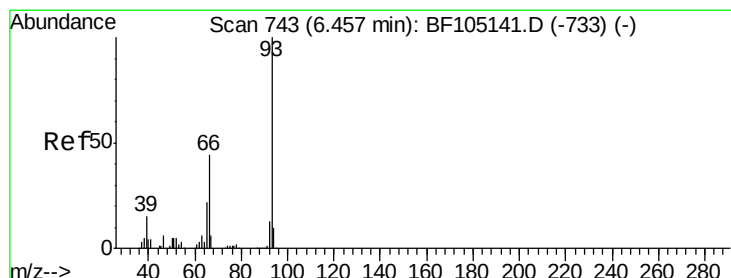
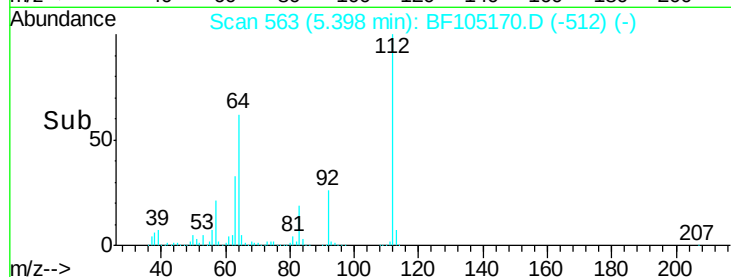
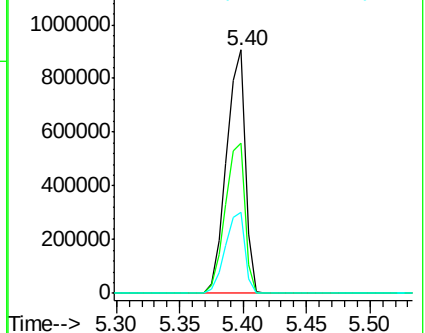
63 33.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.456 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

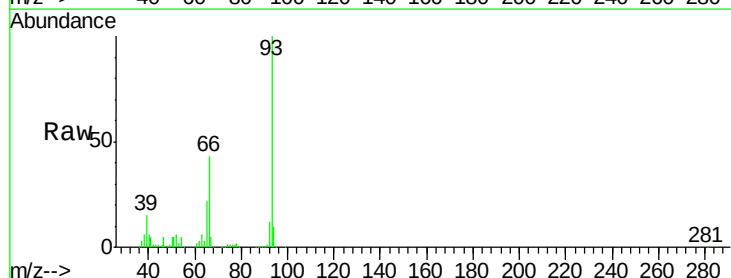
Tgt Ion: 93 Resp: 792274

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

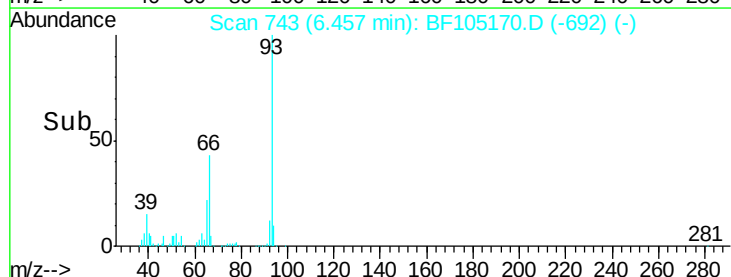
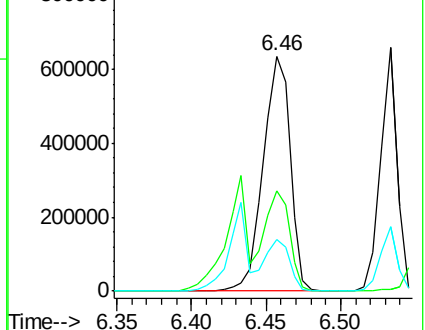
65 22.0 16.4 24.6

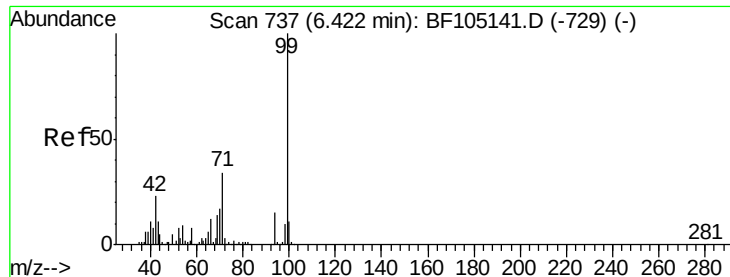


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.713 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

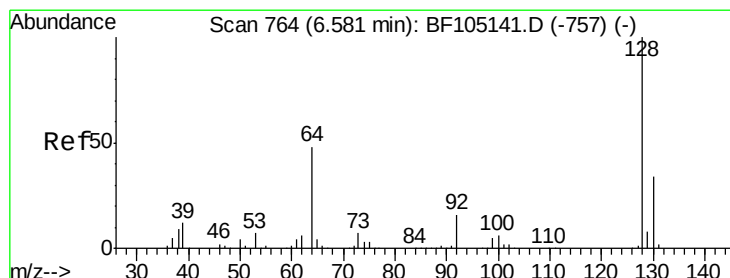
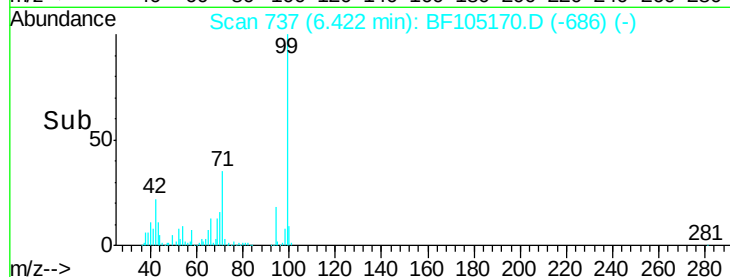
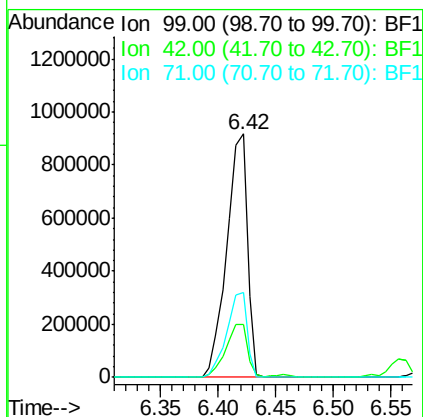
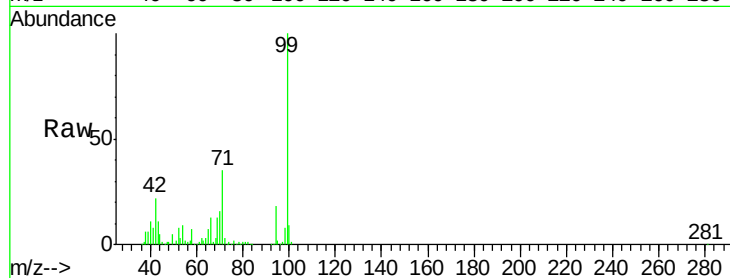
Tot Ion: 99 Resp: 1144778

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 35.0 25.4 38.0



#8

2-Chlorophenol

Concen: 36.476 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

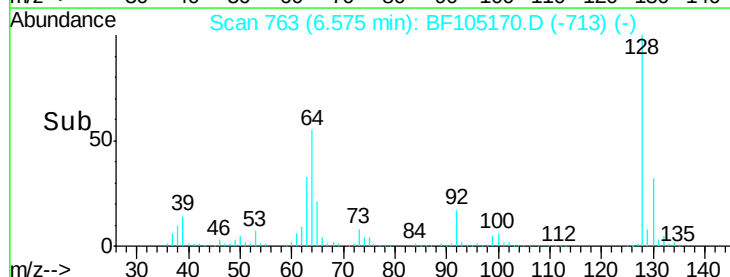
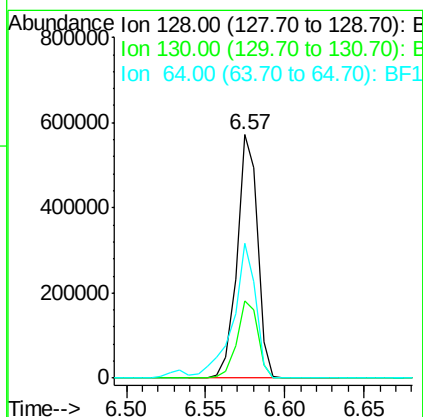
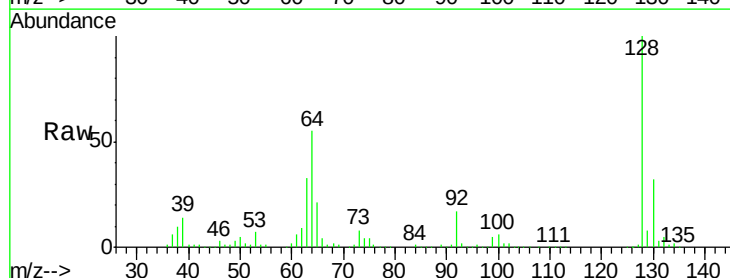
Tgt Ion: 128 Resp: 511617

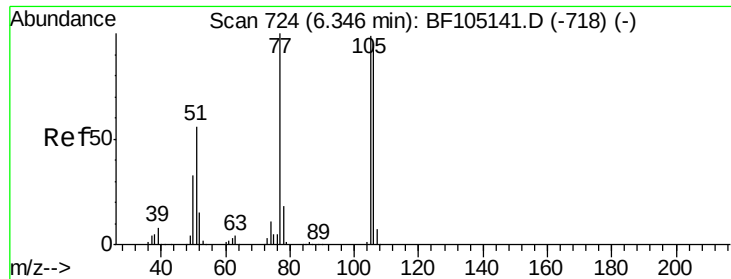
Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 55.1 29.4 69.4





#9

Benzaldehyde

Concen: 34.086 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

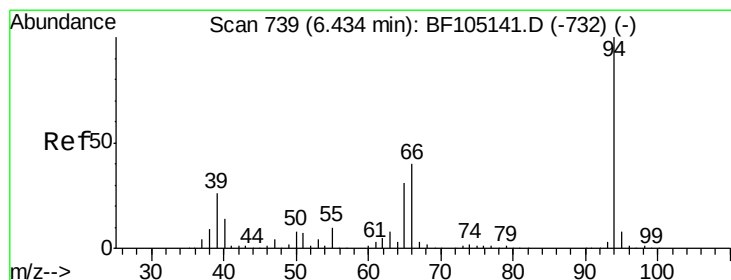
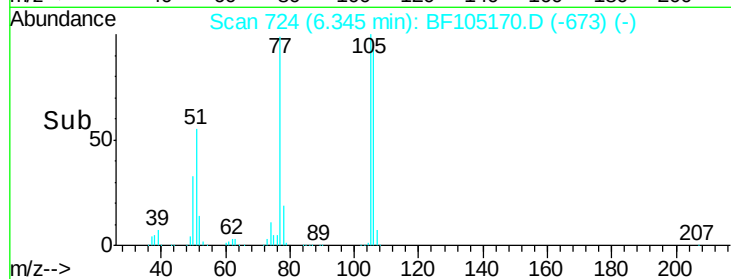
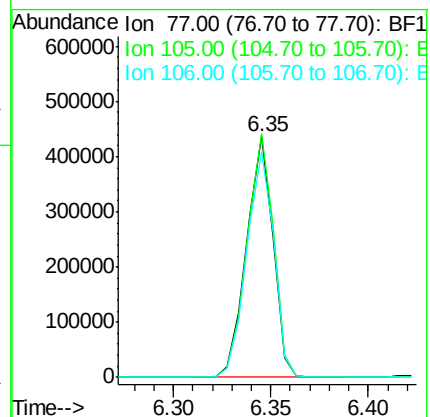
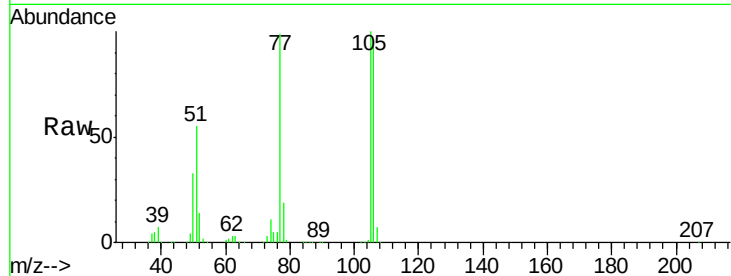
Tot Ion: 77 Resp: 411334

Ion Ratio Lower Upper

77 100

105 101.2 81.1 121.1

106 94.1 74.5 114.5



#10

Phenol

Concen: 35.743 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

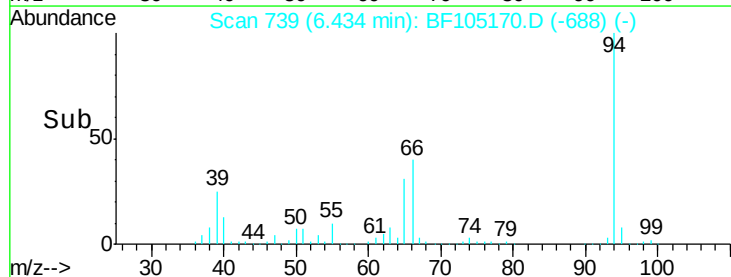
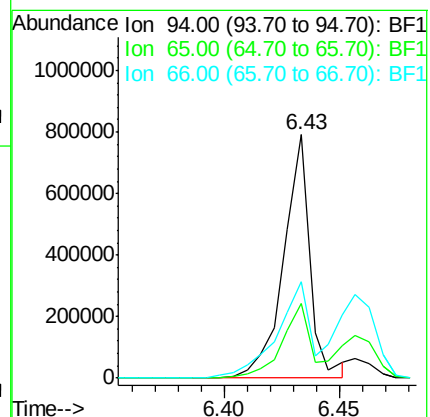
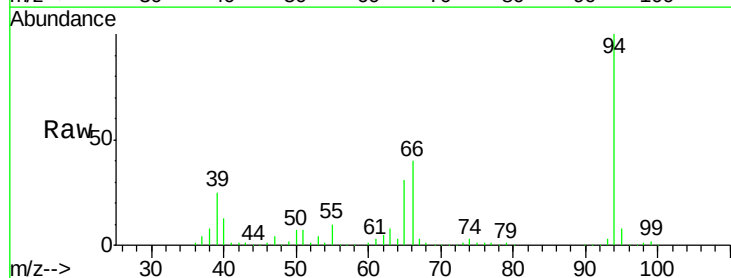
Tgt Ion: 94 Resp: 626249

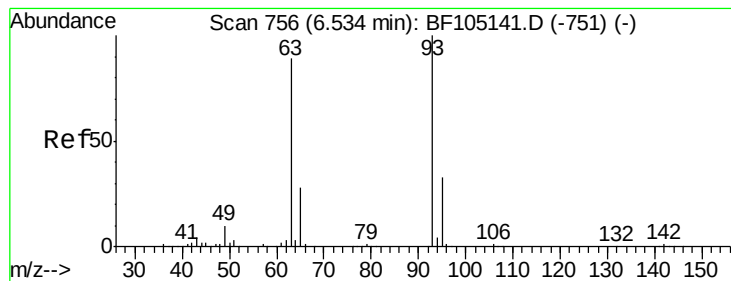
Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 39.6 16.2 56.2

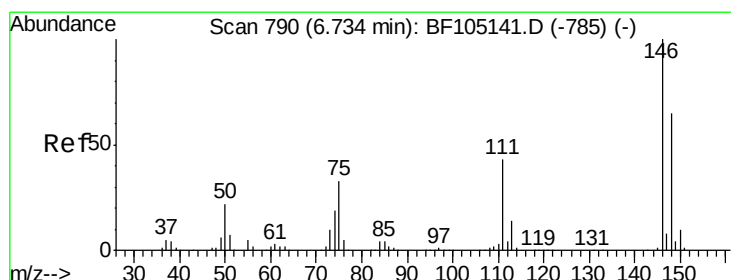
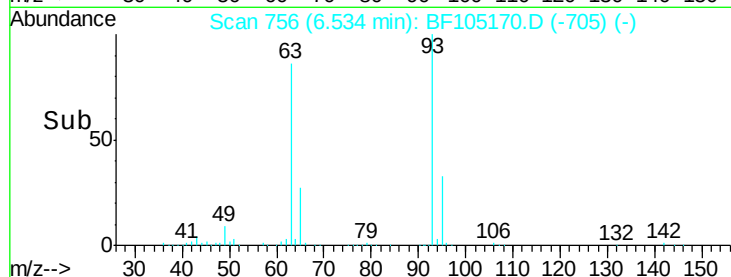
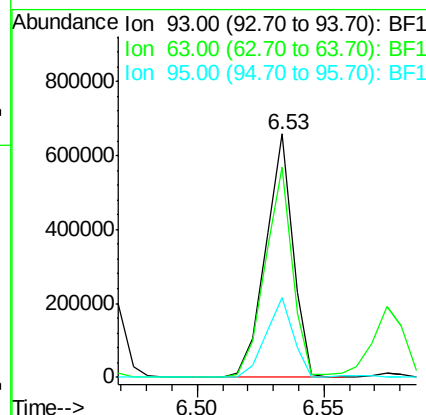
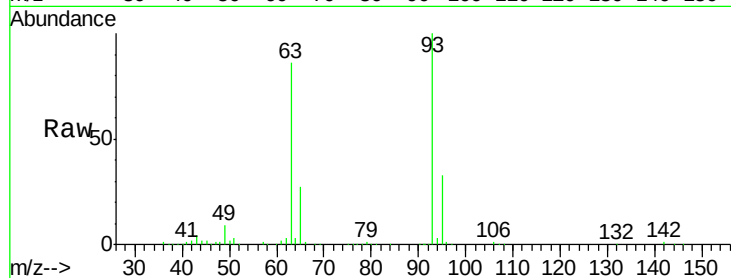




#11
bis(2-Chloroethyl)ether
Concen: 34.171 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

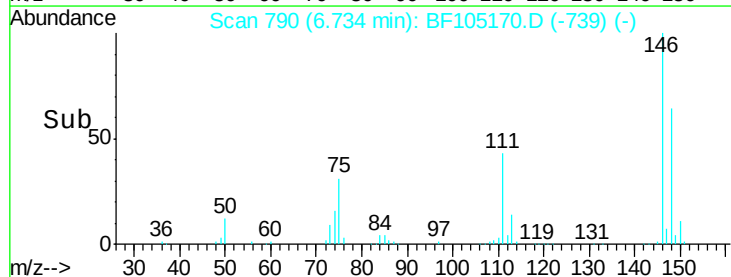
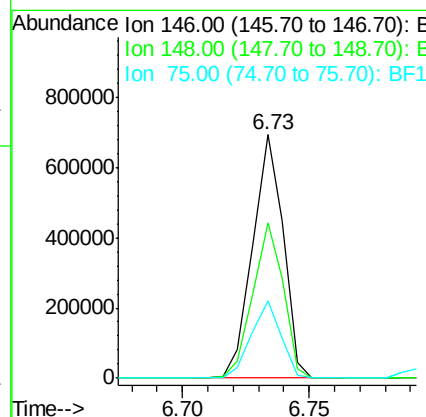
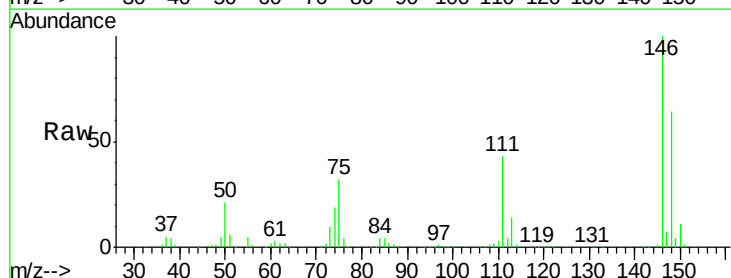
Instrument :
BNA_F
ClientSampleId :

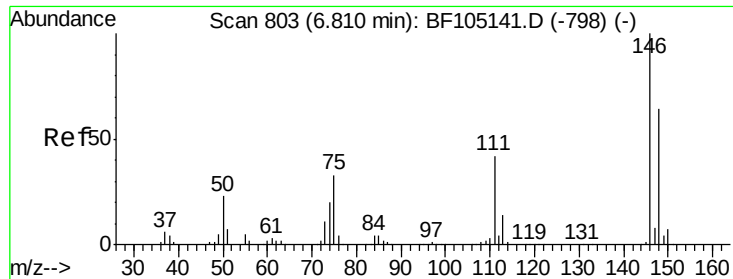
Tot Ion: 93 Resp: 493440
Ion Ratio Lower Upper
93 100
63 86.3 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.518 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 146 Resp: 583590
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 31.8 24.2 36.4

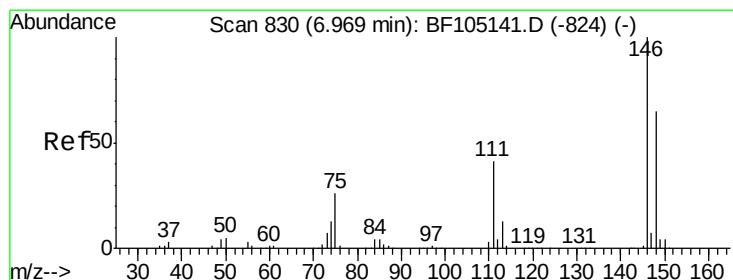
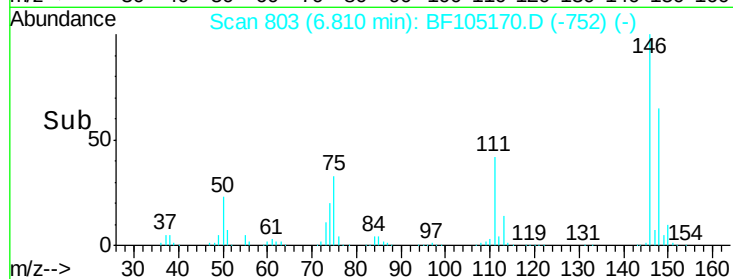
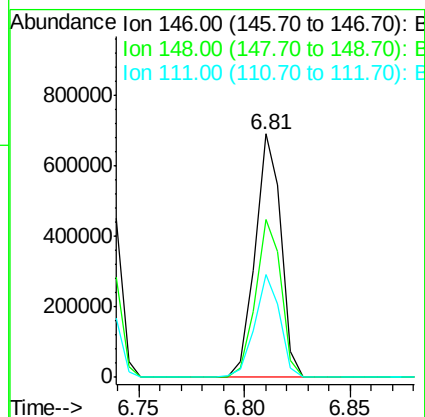
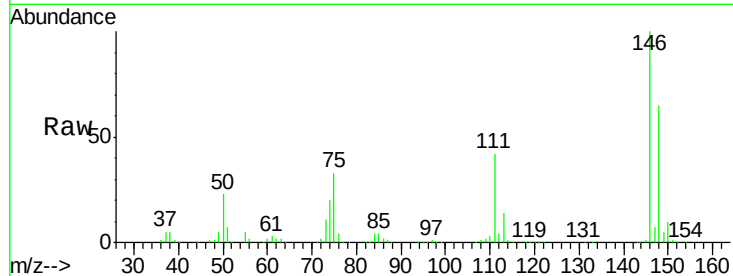




#13
 1,4-Dichlorobenzene
 Concen: 34.638 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

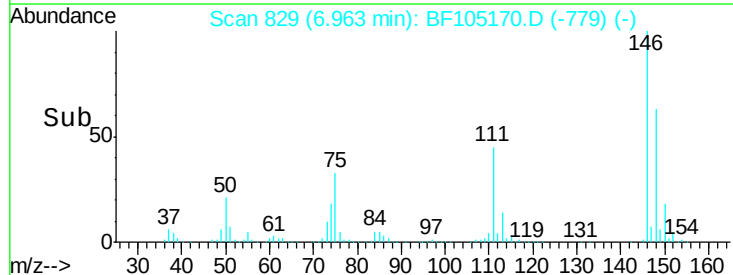
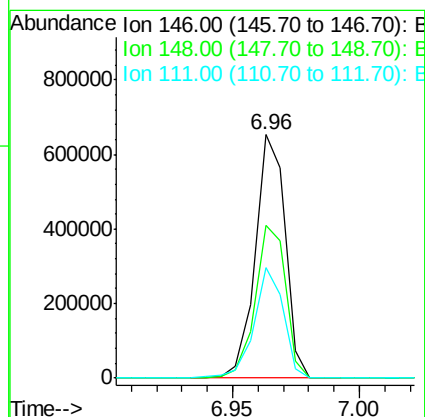
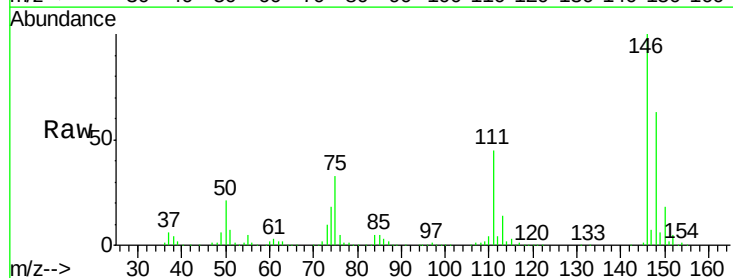
Instrument :
 BNA_F
 ClientSampled :

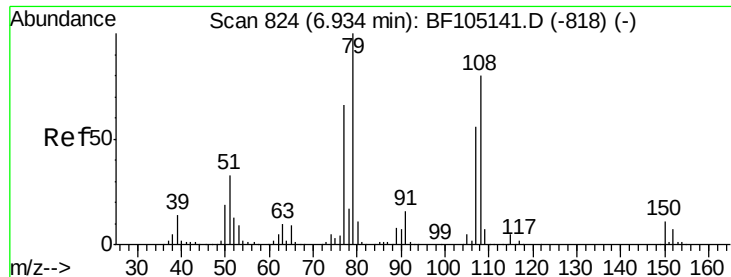
Tot Ion:146 Resp: 585580
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 42.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.420 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:146 Resp: 536774
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 45.1 36.0 54.0

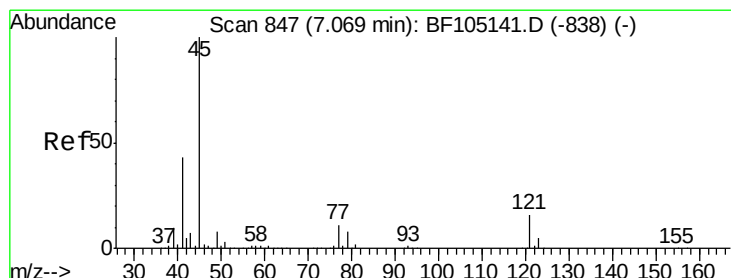
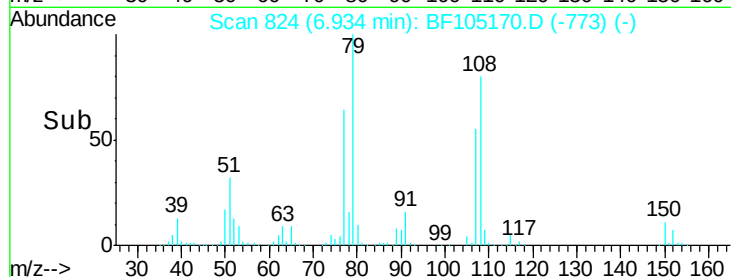
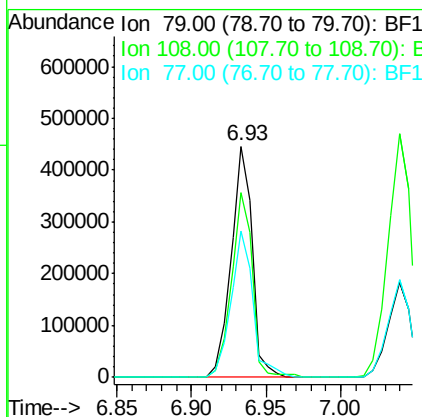
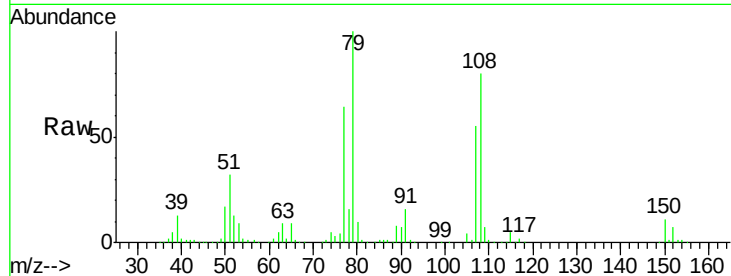




#15
Benzyl Alcohol
Concen: 36.930 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

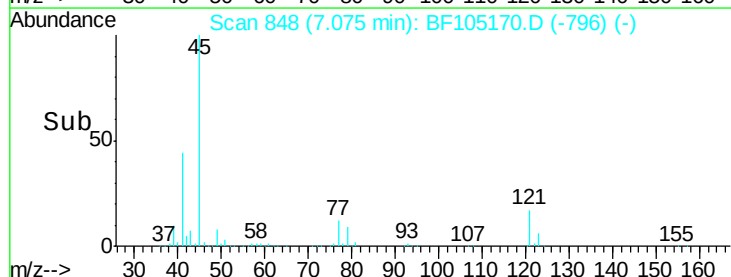
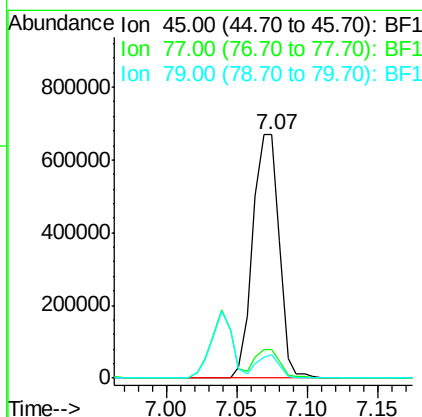
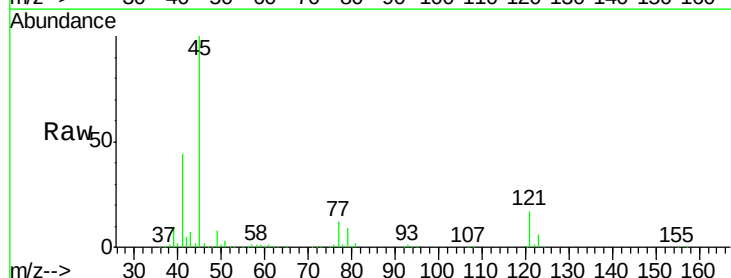
Instrument :
BNA_F
ClientSampled :

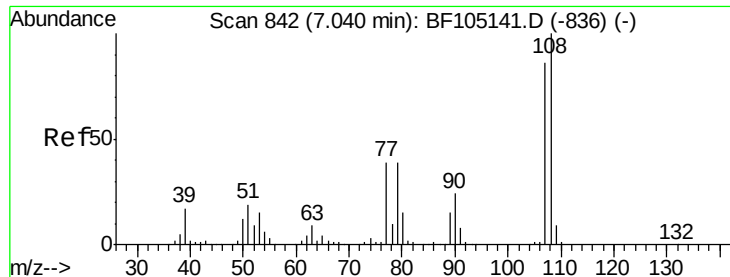
Tot Ion: 79 Resp: 444998
Ion Ratio Lower Upper
79 100
108 80.0 65.1 97.7
77 63.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.964 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 45 Resp: 884591
Ion Ratio Lower Upper
45 100
77 11.7 0.0 32.9
79 9.5 0.0 29.6





#17

2-Methylphenol

Concen: 35.641 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 431635

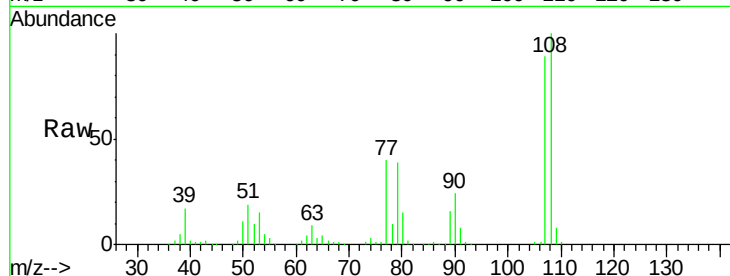
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 45.3 33.8 50.8

79 44.1 33.8 50.8

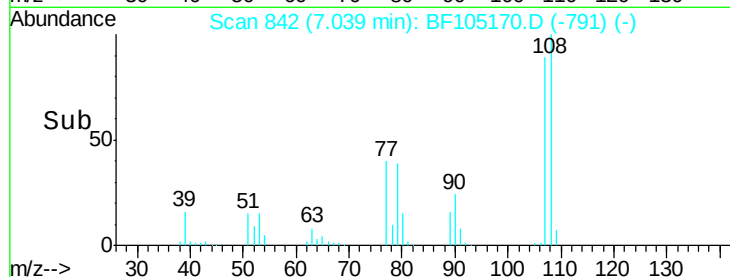


Abundance Ion 107.00 (106.70 to 107.70): E

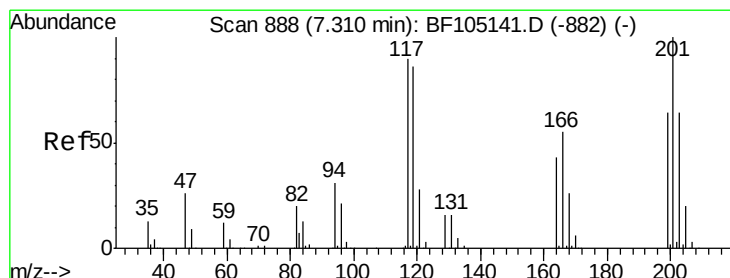
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 36.826 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

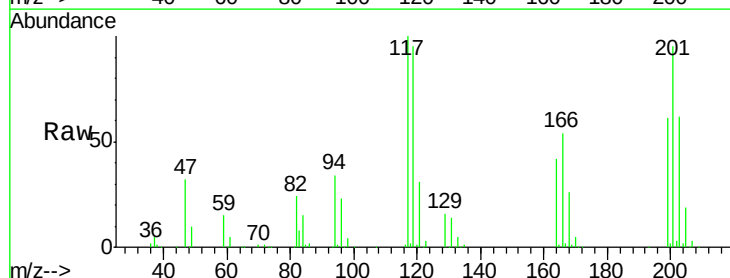
Tgt Ion:117 Resp: 200341

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

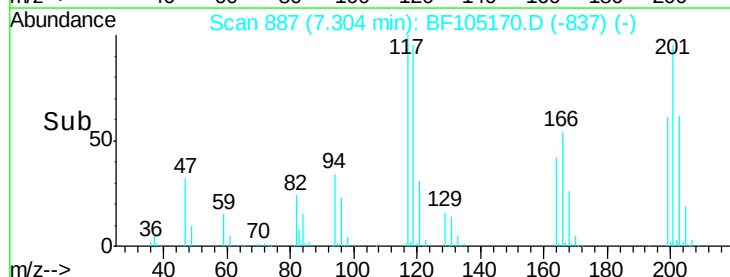
201 95.5 75.7 113.5



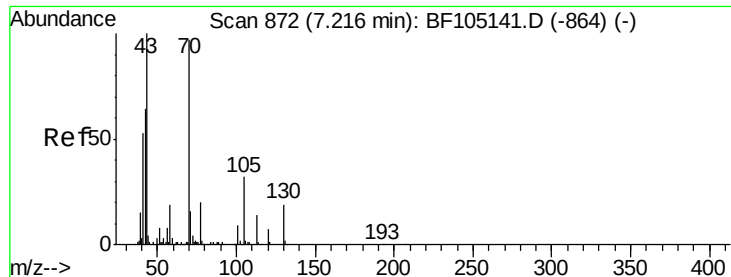
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



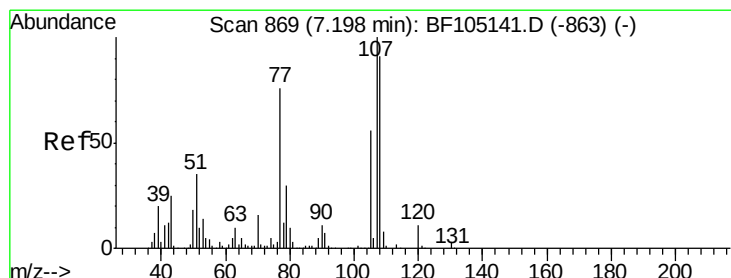
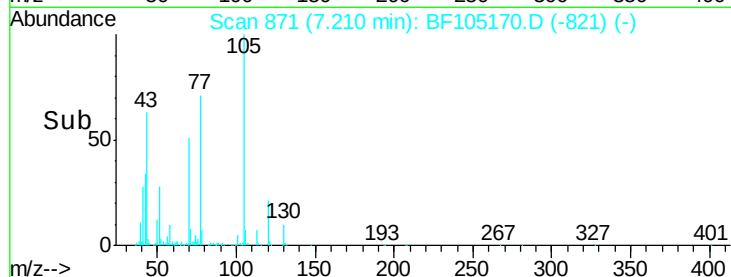
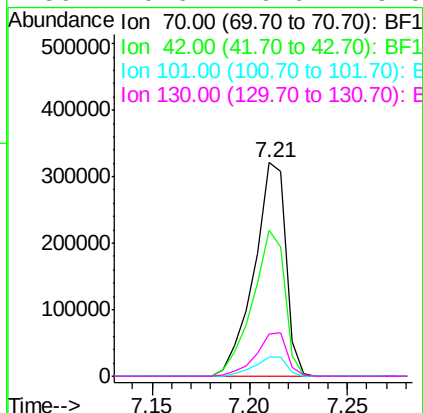
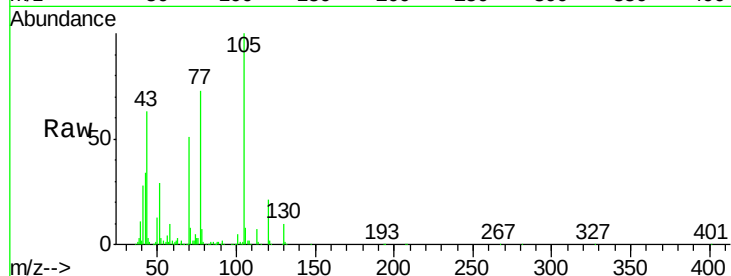
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 34.658 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

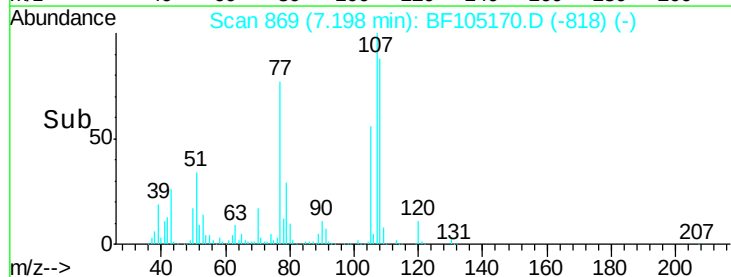
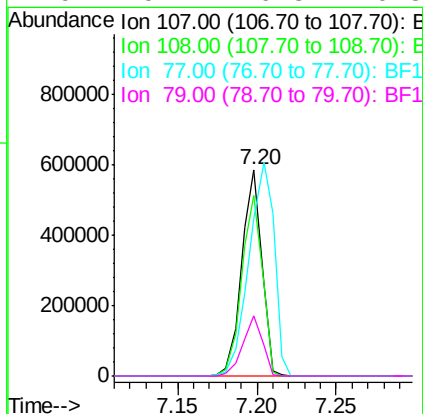
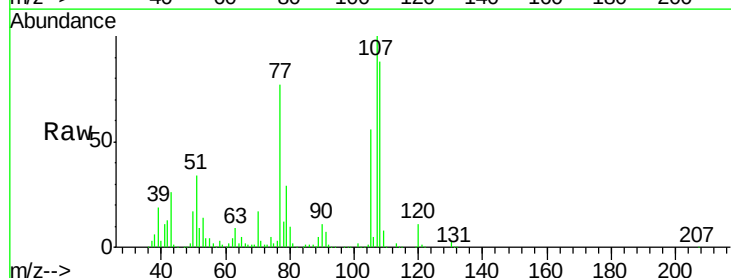
Instrument :
BNA_F
ClientSampleId :

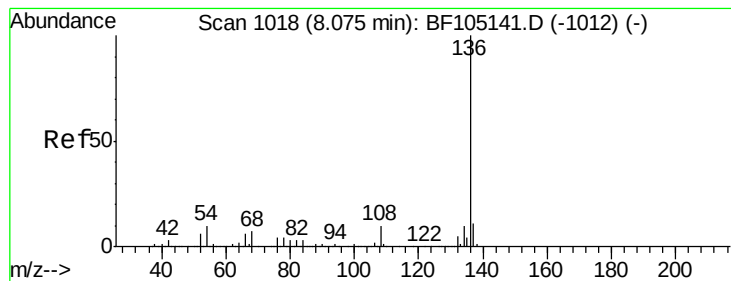
Tot Ion: 70 Resp: 361276
Ion Ratio Lower Upper
70 100
42 68.0 47.5 71.3
101 9.3 7.4 11.2
130 19.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.053 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 107 Resp: 513099
Ion Ratio Lower Upper
107 100
108 87.8 68.2 108.2
77 76.6 26.7 66.7#
79 29.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 848436

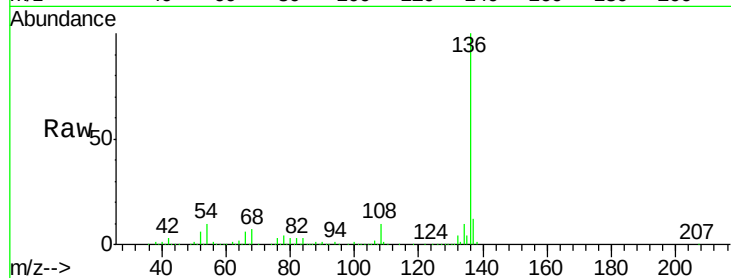
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 9.9 6.6 9.8#

68 6.5 5.0 7.4



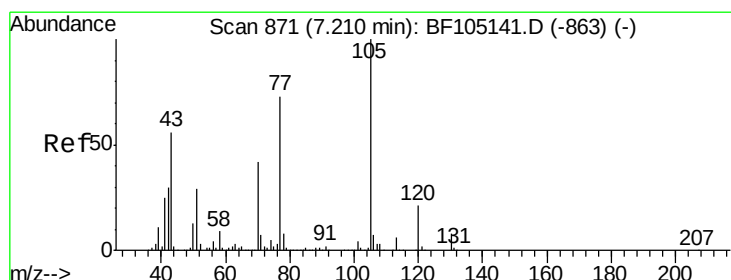
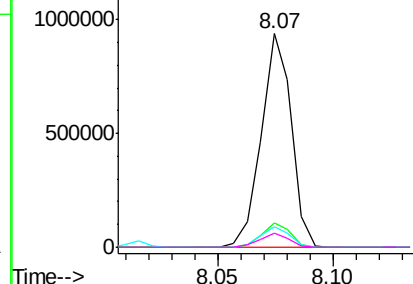
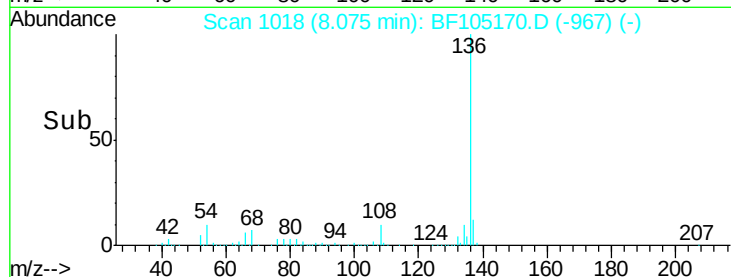
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.975 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion:105 Resp: 671907

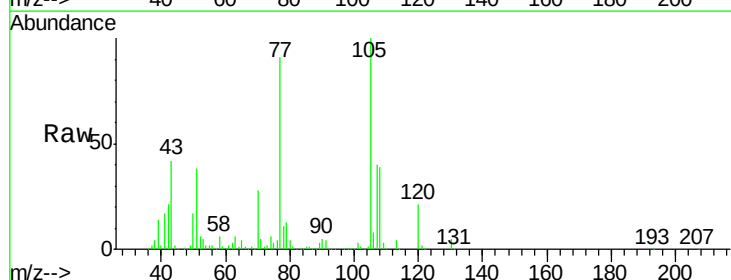
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 38.1 22.3 33.5#

120 21.0 16.9 25.3



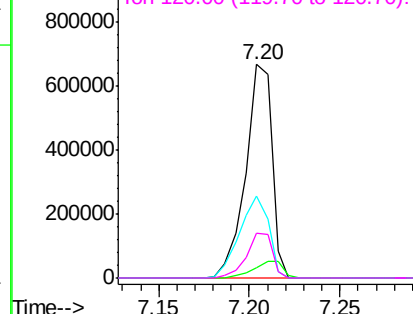
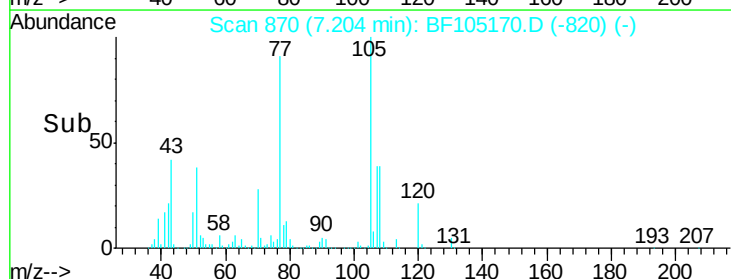
Abundance

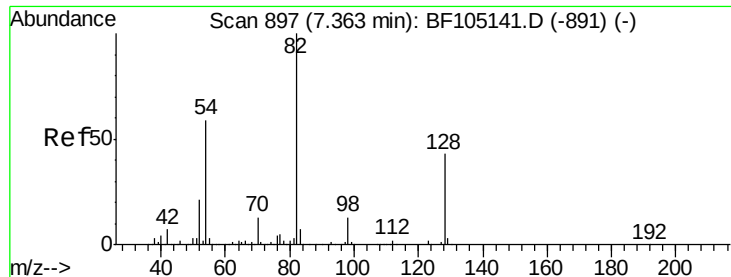
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

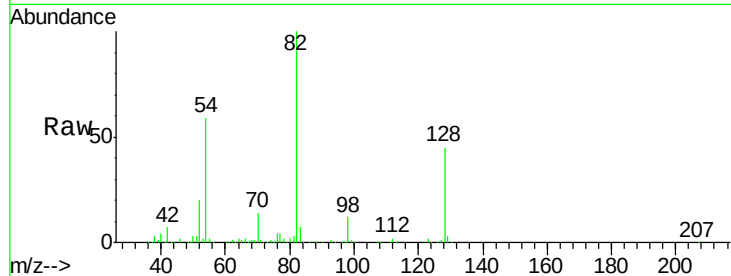




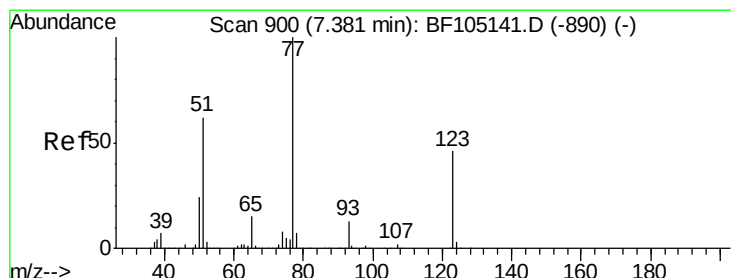
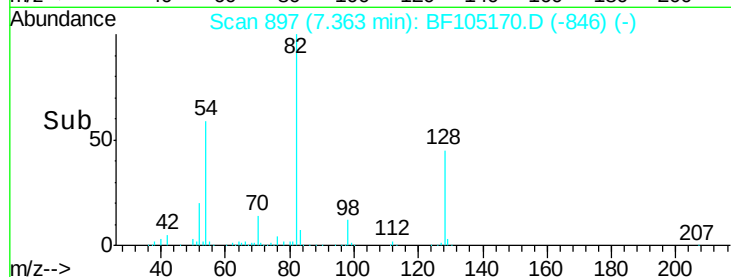
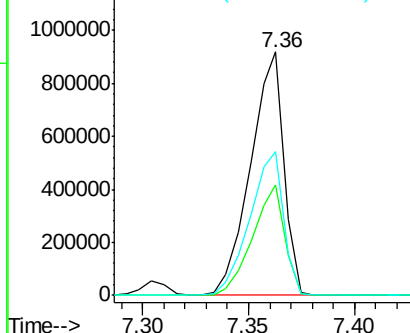
#23
Nitrobenzene-d5
Concen: 80.203 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1004037
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 58.8 41.4 62.2

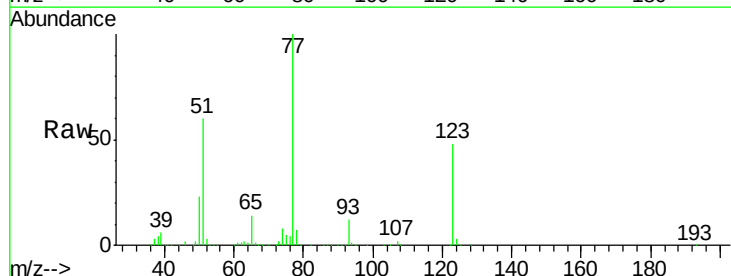


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

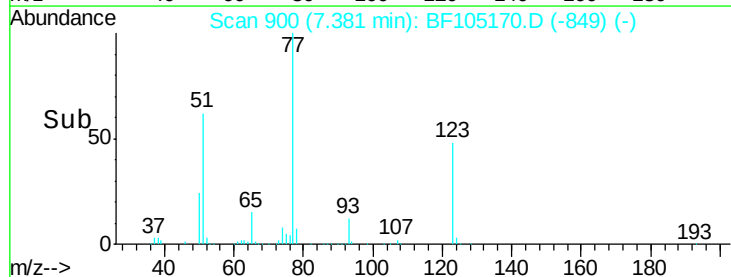
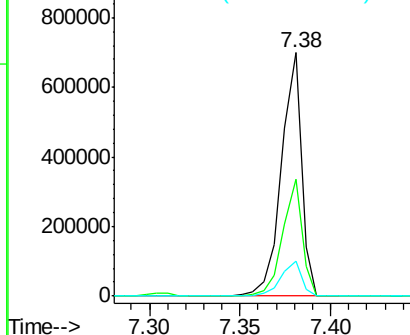


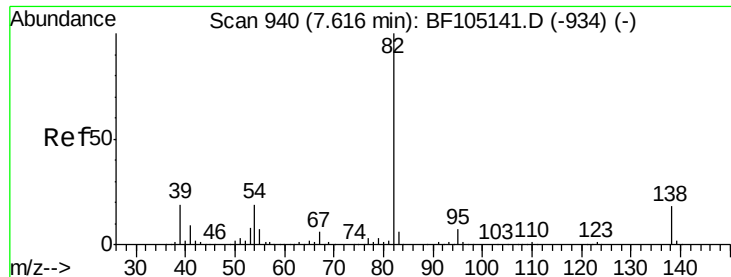
#24
Nitrobenzene
Concen: 38.081 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 77 Resp: 540534
Ion Ratio Lower Upper
77 100
123 47.8 37.9 56.9
65 14.3 11.0 16.4



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





#25

Isophorone

Concen: 34.872 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

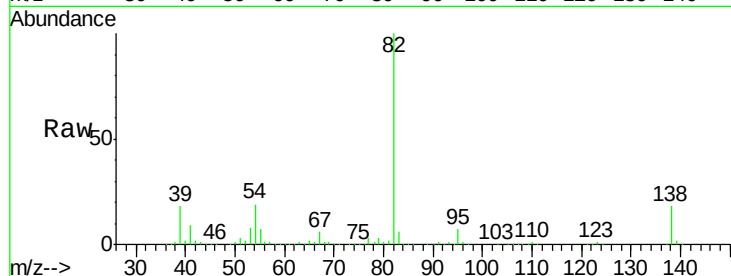
Tot Ion: 82 Resp: 976314

Ion Ratio Lower Upper

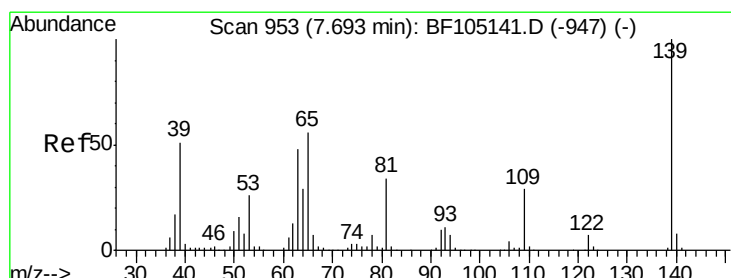
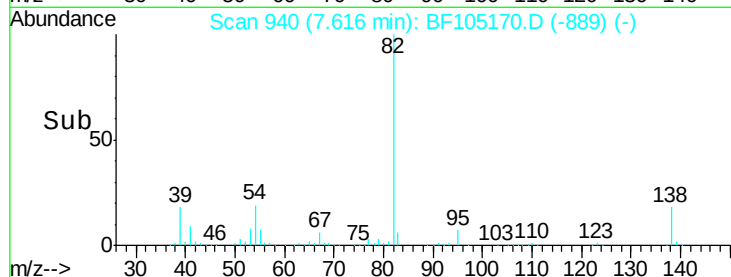
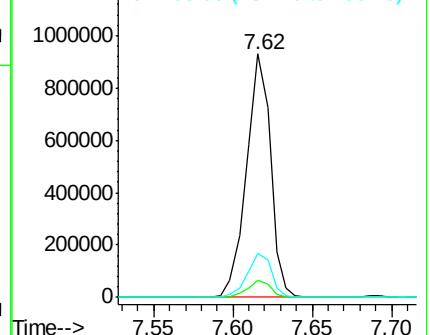
82 100

95 7.0 5.2 7.8

138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.190 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

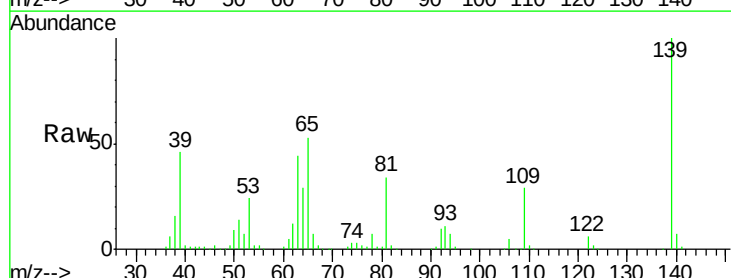
Tgt Ion: 139 Resp: 252465

Ion Ratio Lower Upper

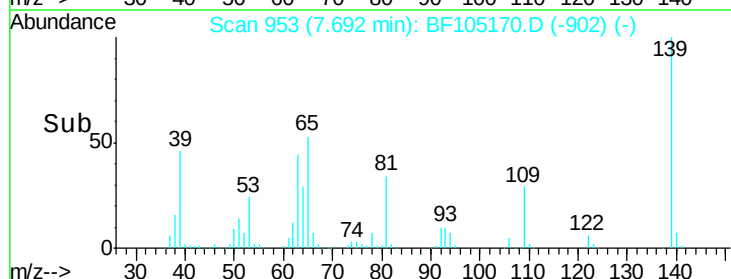
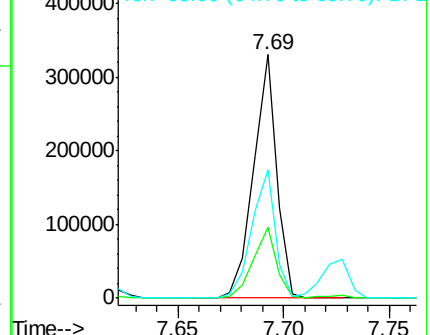
139 100

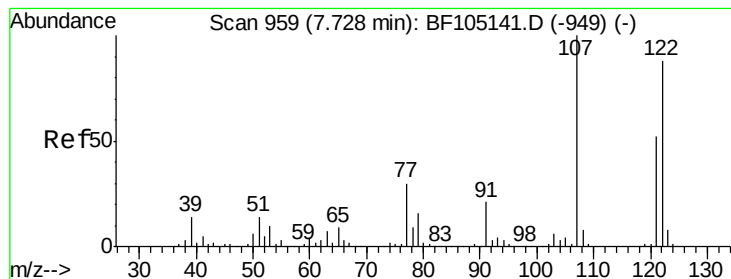
109 29.2 22.7 34.1

65 53.0 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 37.458 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

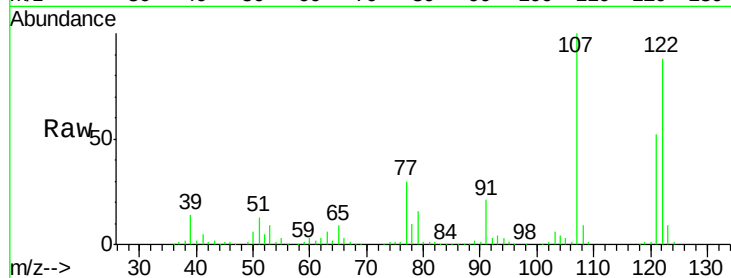
Tot Ion:122 Resp: 466035

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

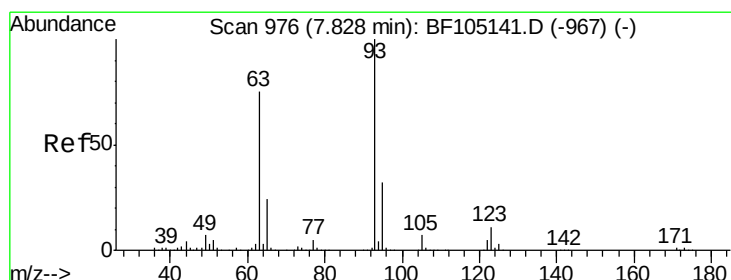
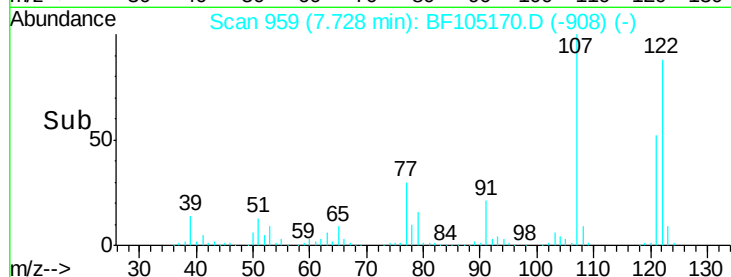
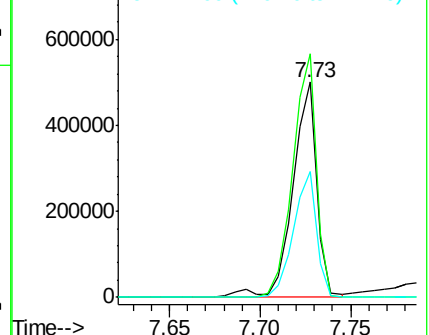
121 58.4 47.2 70.8



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: 35.141 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

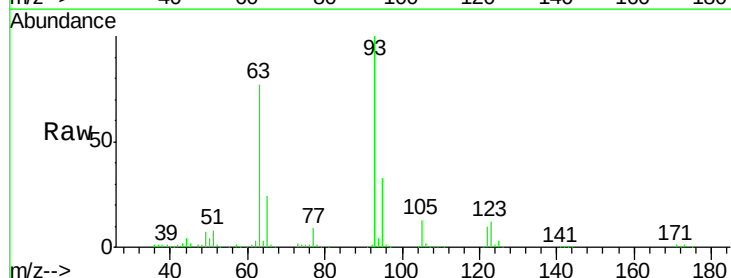
Tgt Ion: 93 Resp: 607181

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

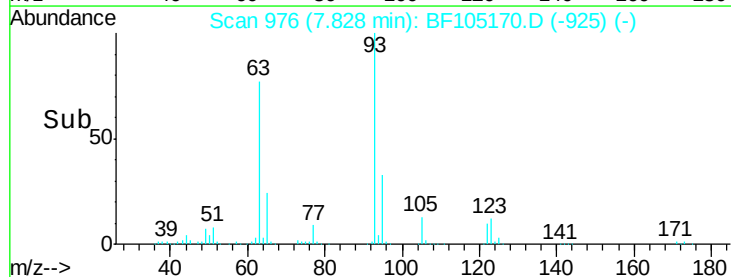
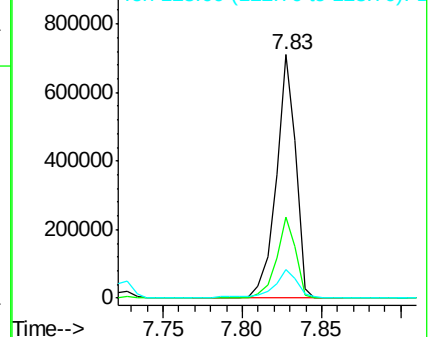
123 11.6 9.8 14.6

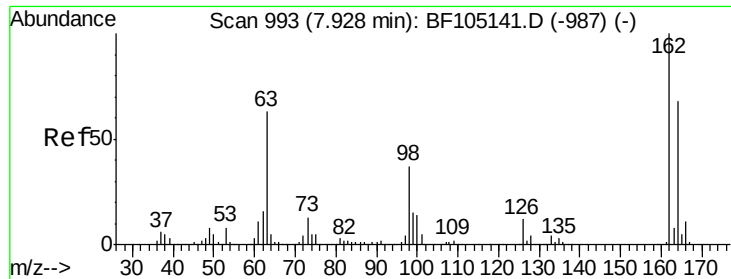


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

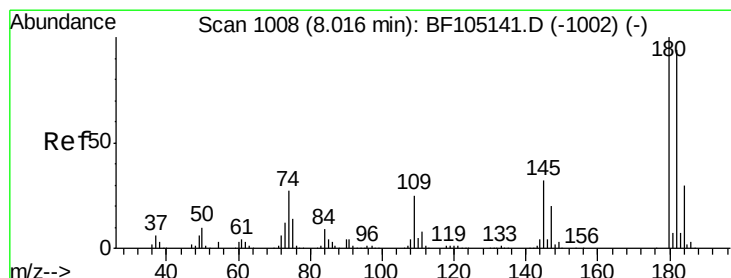
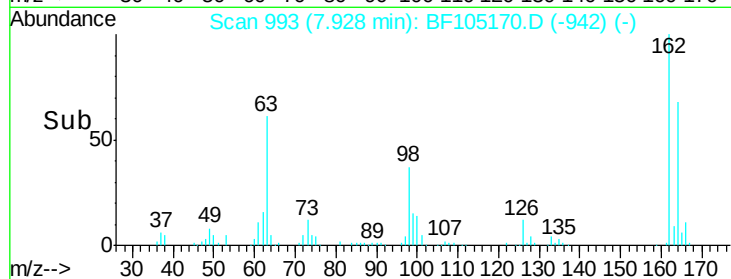
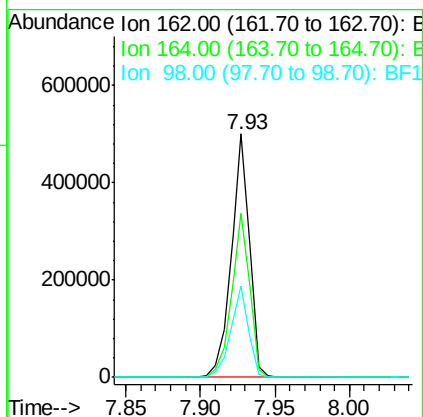
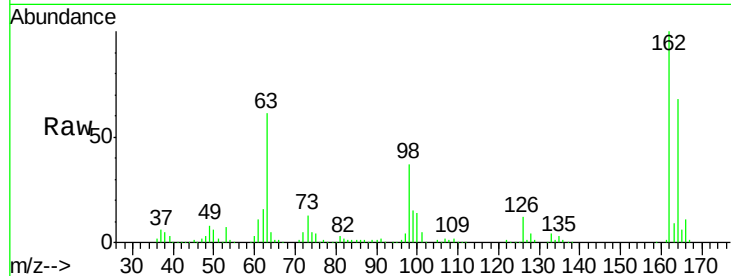




#29
 2,4-Dichlorophenol
 Concen: 36.984 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

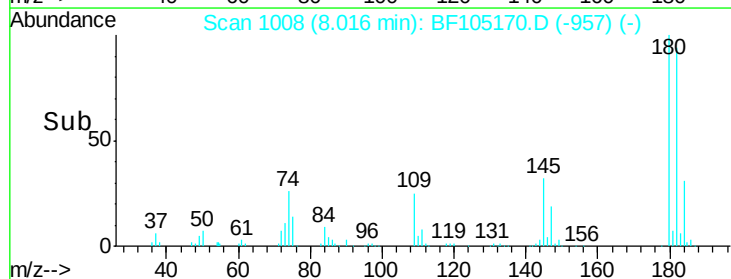
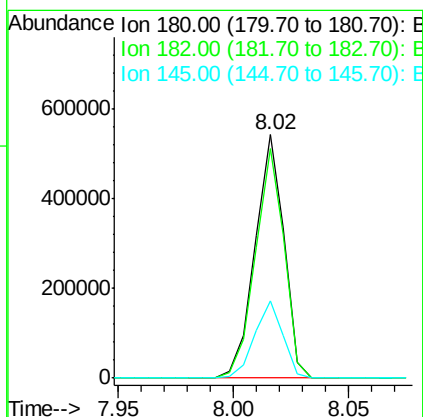
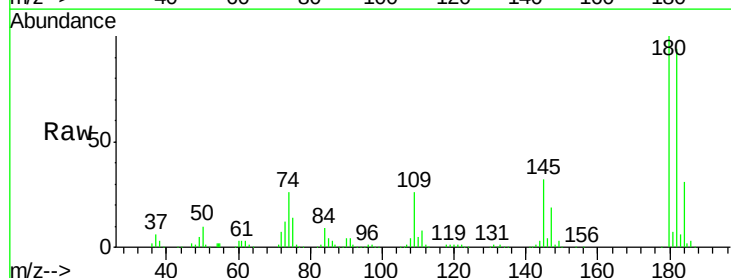
Instrument :
 BNA_F
 ClientSampleId :

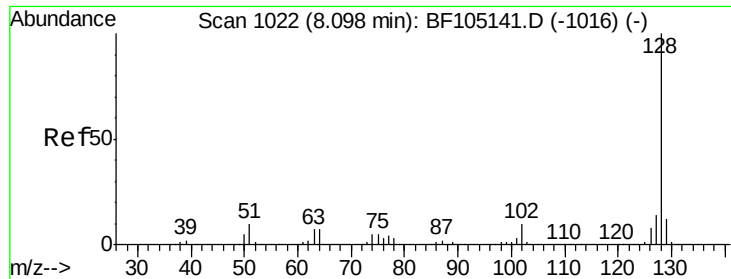
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	42.7	82.7
98	37.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.226 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	31.8	26.5	39.7





#31

Naphthalene

Concen: 34.628 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

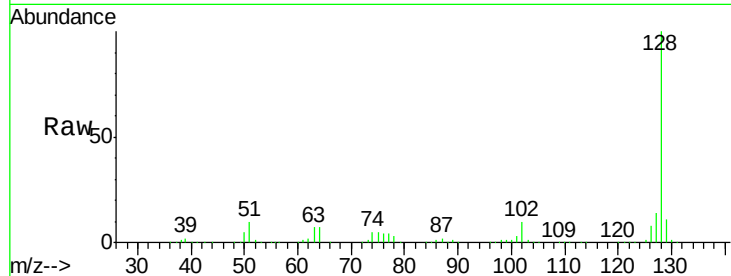
Tot Ion:128 Resp: 1414624

Ion Ratio Lower Upper

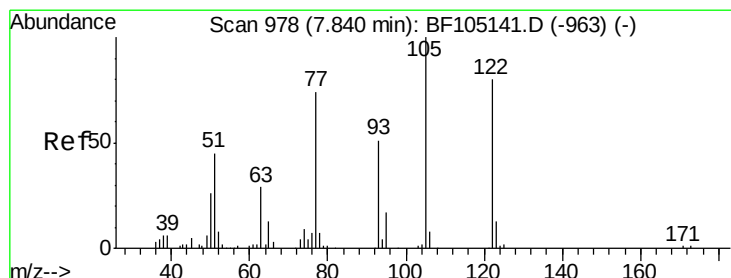
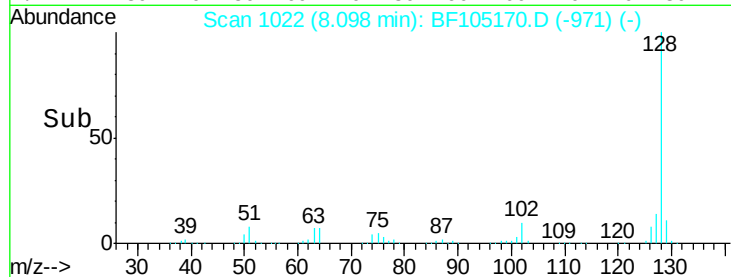
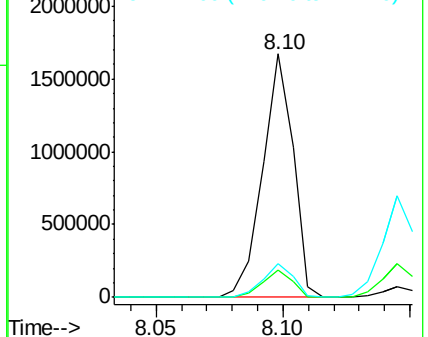
128 100

129 11.3 8.8 13.2

127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.653 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

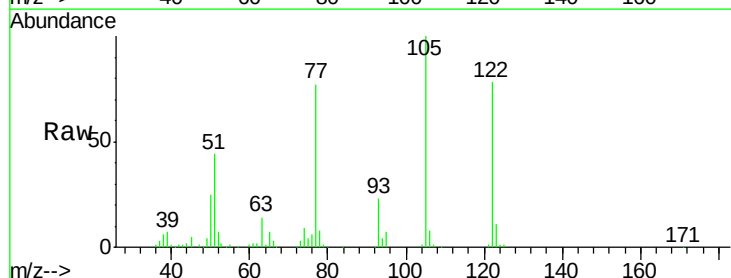
Tgt Ion:122 Resp: 306721

Ion Ratio Lower Upper

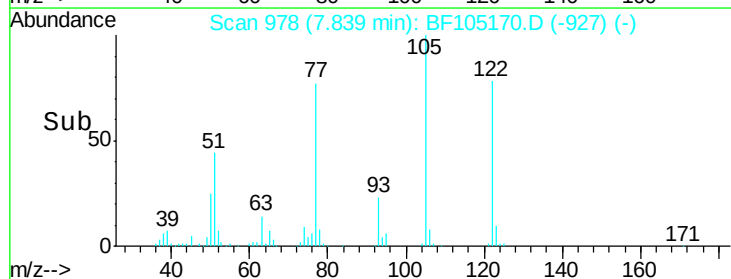
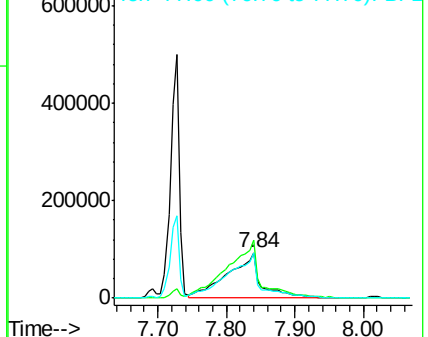
122 100

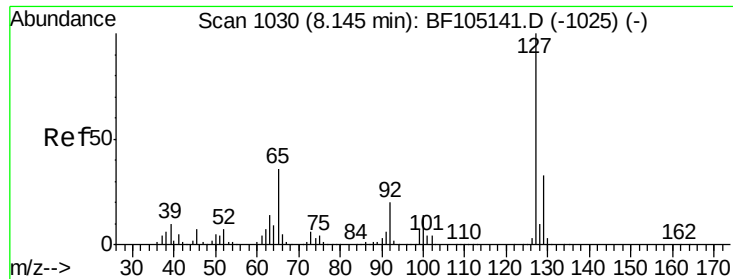
105 128.4 101.1 141.1

77 98.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

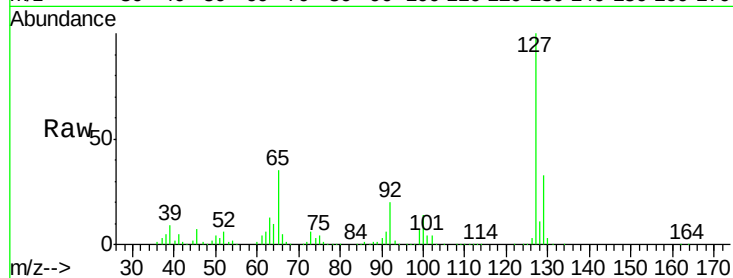




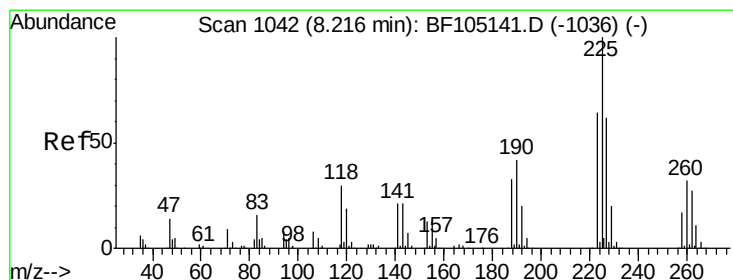
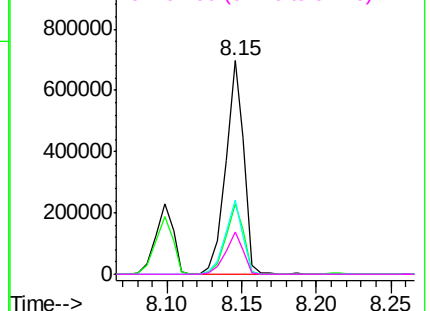
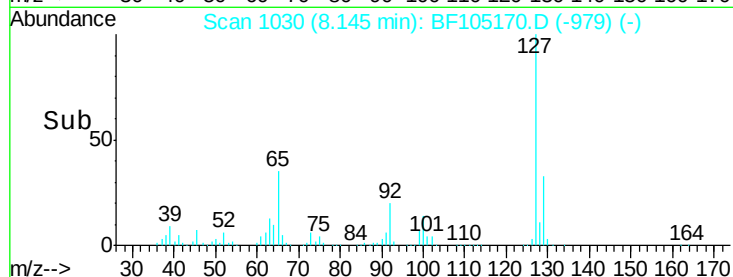
#33
4-Chloroaniline
Concen: 35.161 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	597307
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	35.0	25.0	37.4
92	19.8	15.2	22.8

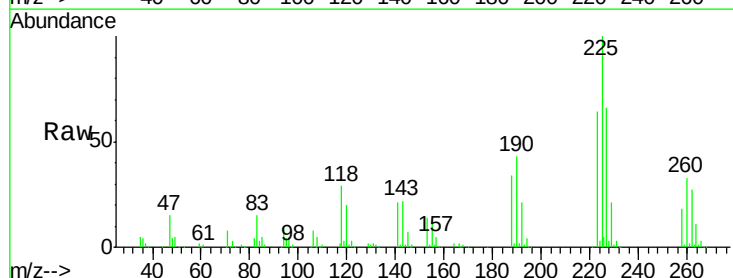


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

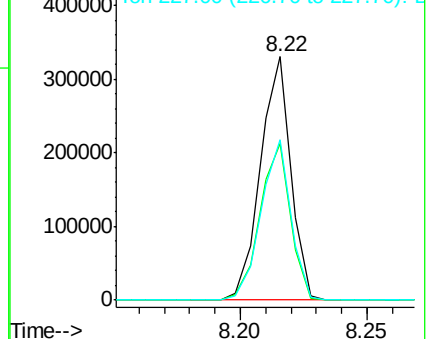
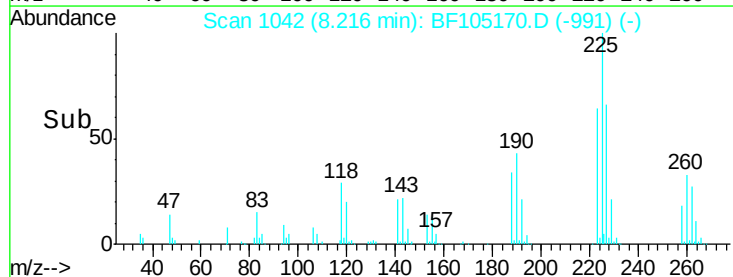


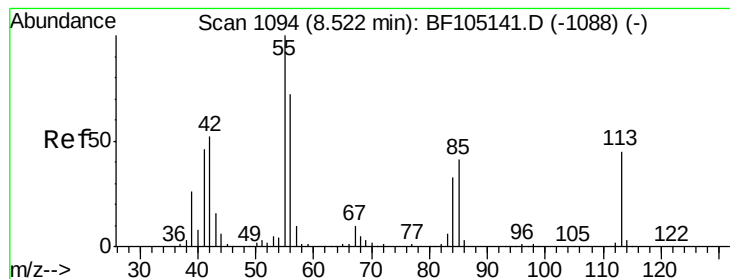
#34
Hexachlorobutadiene
Concen: 35.342 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:	225	Resp:	274843
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	65.7	51.9	77.9



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





#35

Caprolactam

Concen: 38.022 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

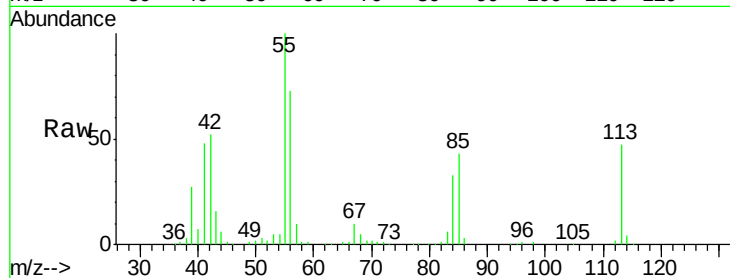
Tot Ion:113 Resp: 134404

Ion Ratio Lower Upper

113 100

55 212.1 163.3 203.3#

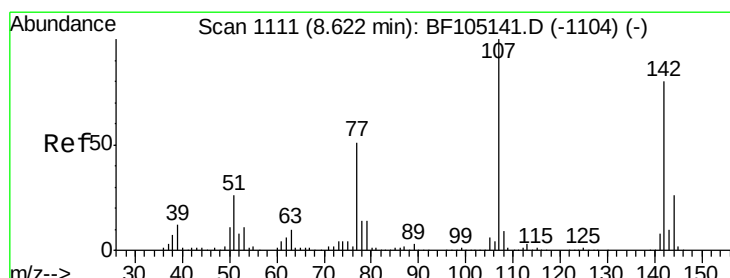
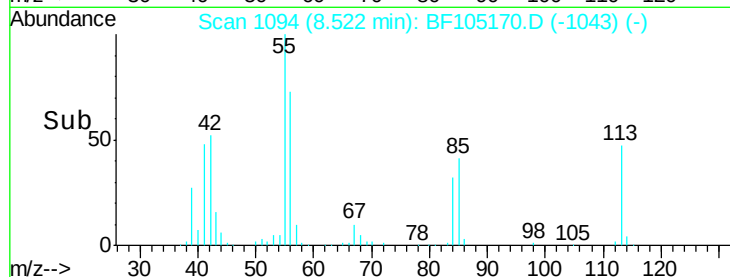
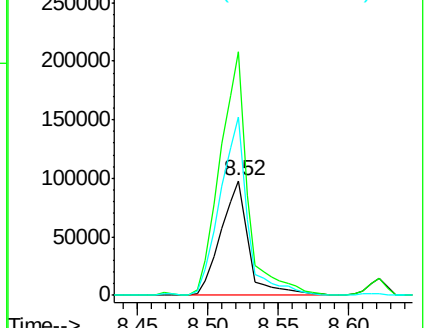
56 155.3 115.7 155.7



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: 36.090 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

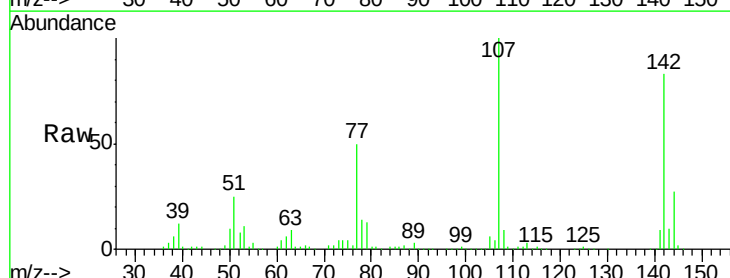
Tgt Ion:107 Resp: 437360

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

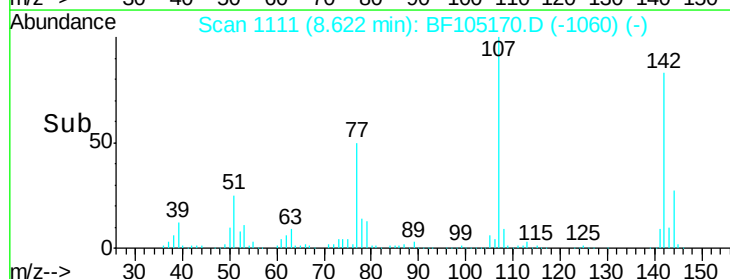
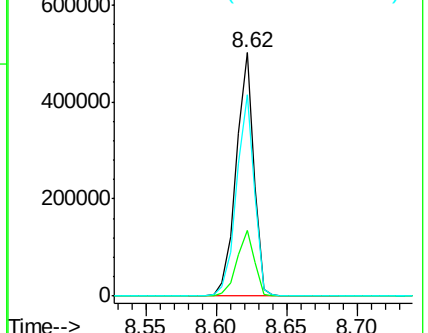
142 82.5 62.0 93.0

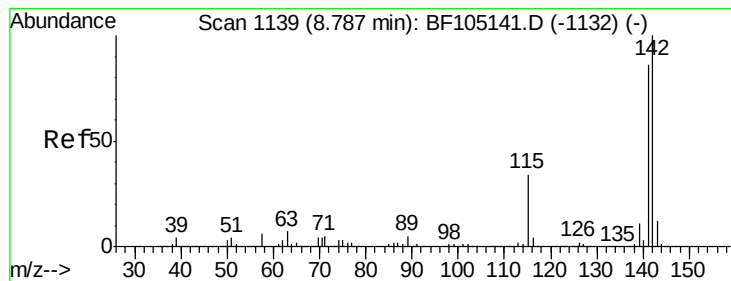


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.788 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

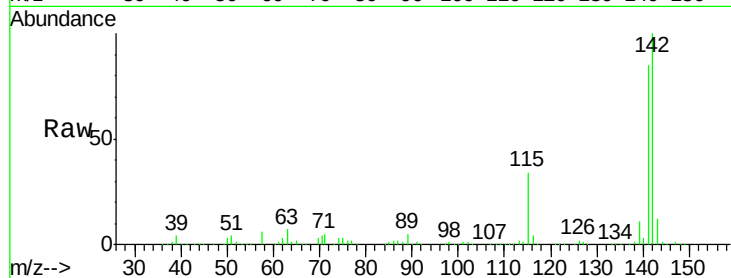
Tot Ion:142 Resp: 990568

Ion Ratio Lower Upper

142 100

141 85.3 70.8 106.2

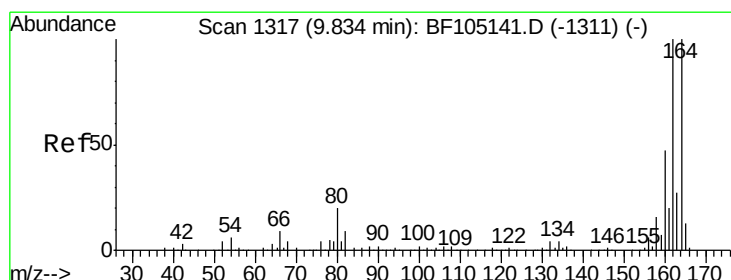
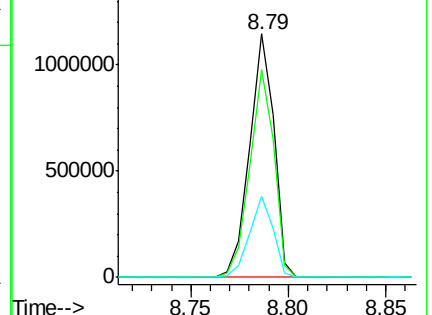
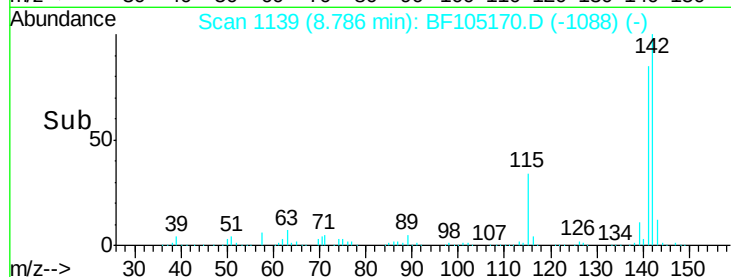
115 33.5 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

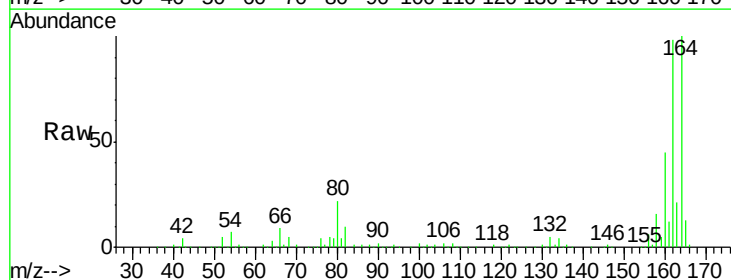
Tgt Ion:164 Resp: 416300

Ion Ratio Lower Upper

164 100

162 98.1 86.1 129.1

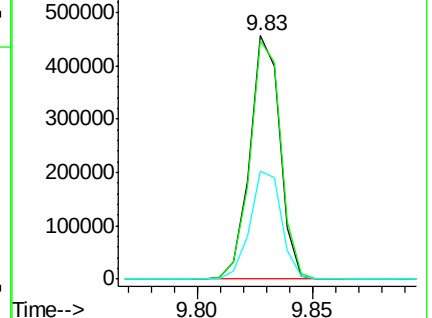
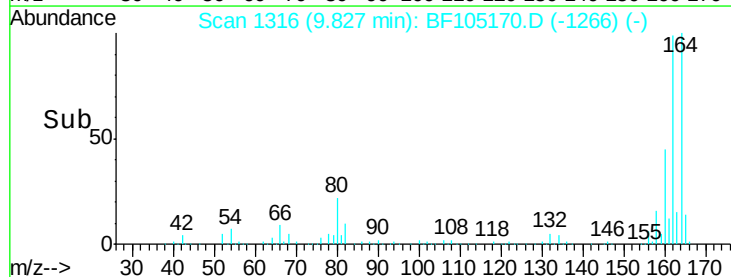
160 44.6 38.3 57.5

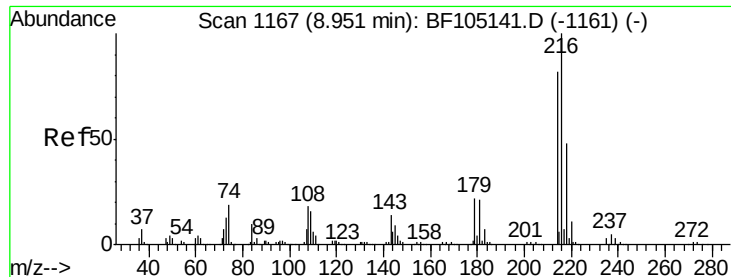


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

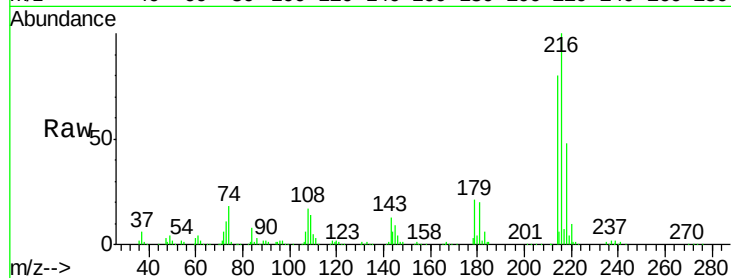




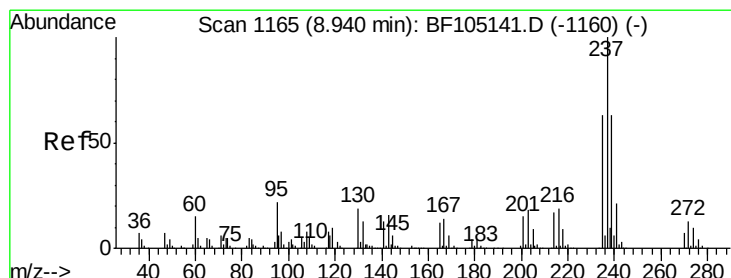
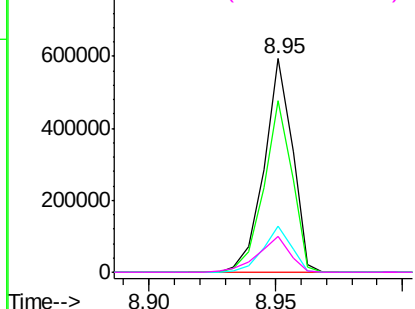
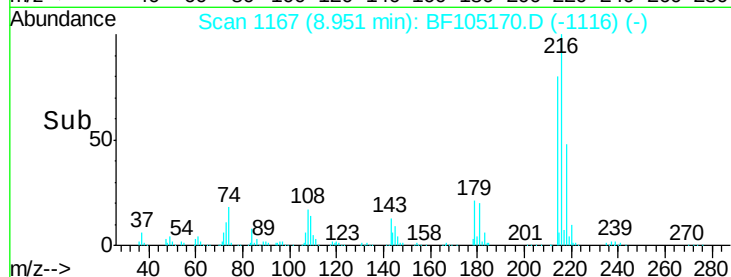
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.181 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	466054
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	21.2	18.1	27.1
108	18.5	17.2	25.8

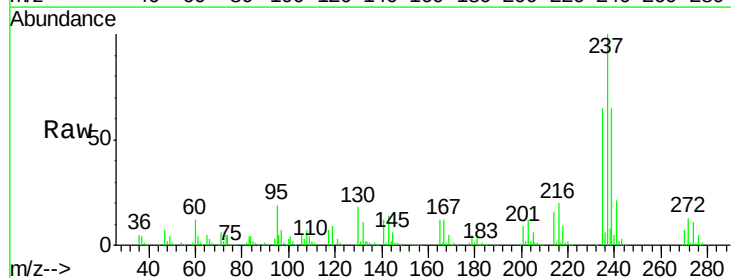


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

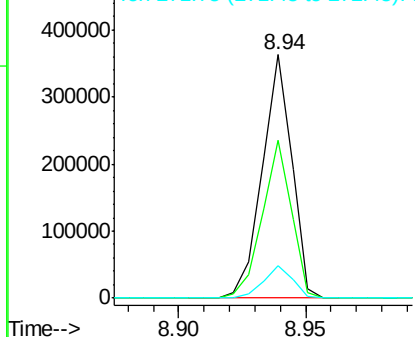
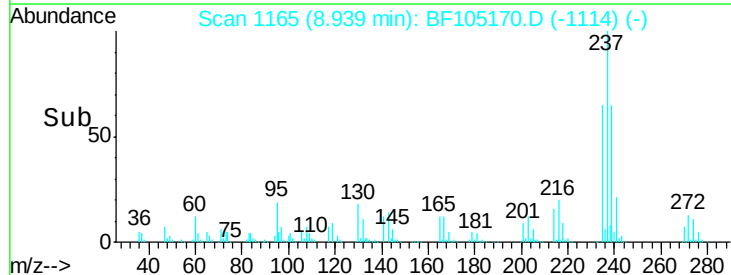


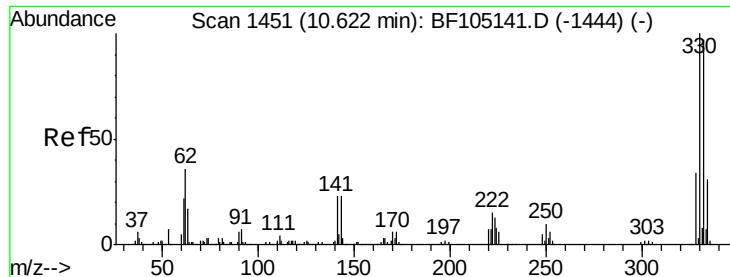
#40
 Hexachlorocyclopentadiene
 Concen: 41.513 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:	237	Resp:	297363
Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.8	84.8
272	13.2	0.0	33.3



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

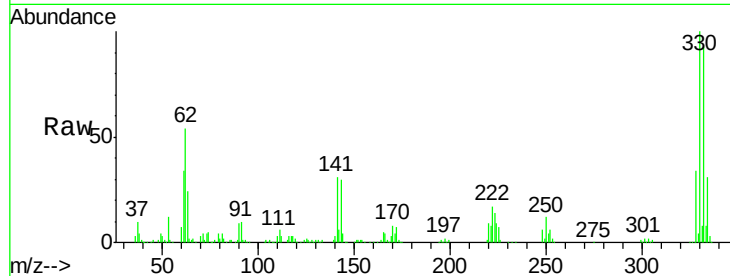




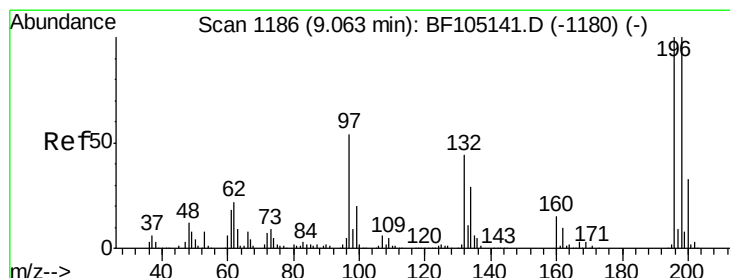
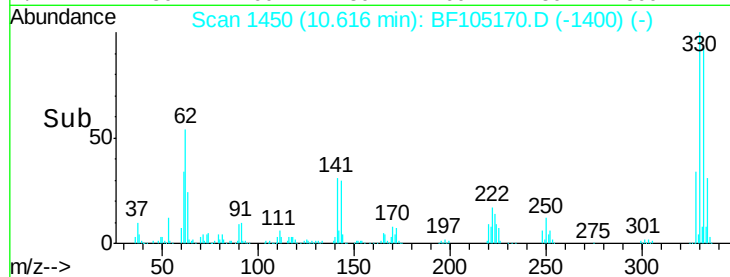
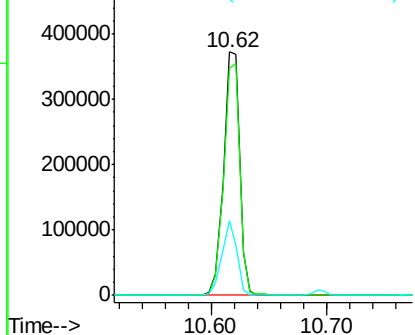
#41
 2,4,6-Tribromophenol
 Concen: 78.680 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 361370
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 28.4 29.9 44.9#

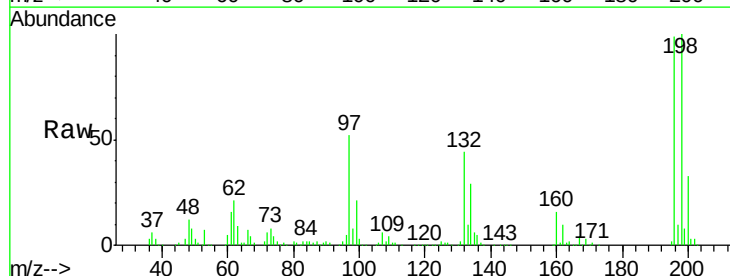


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

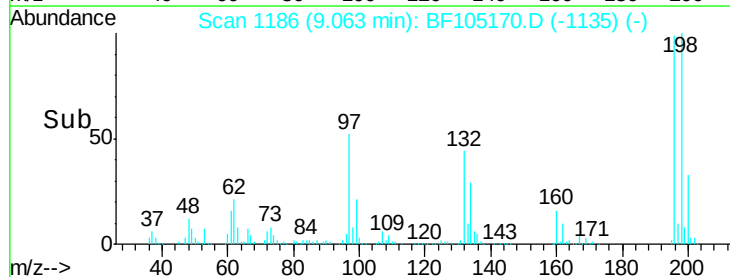
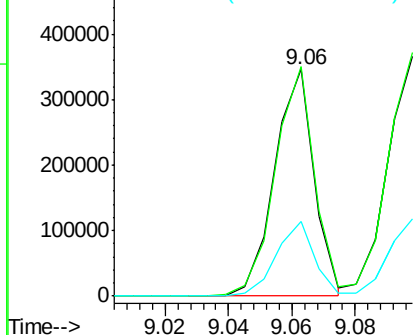


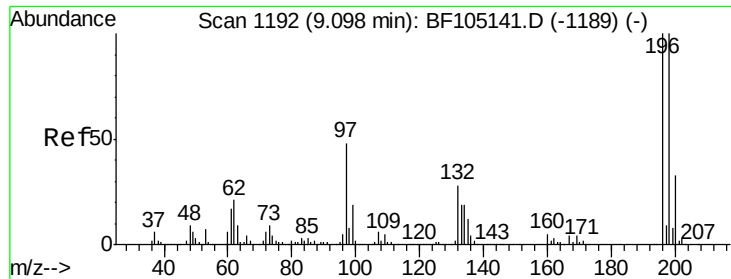
#42
 2,4,6-Trichlorophenol
 Concen: 37.248 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:196 Resp: 301053
 Ion Ratio Lower Upper
 196 100
 198 101.1 75.7 113.5
 200 33.0 24.5 36.7



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

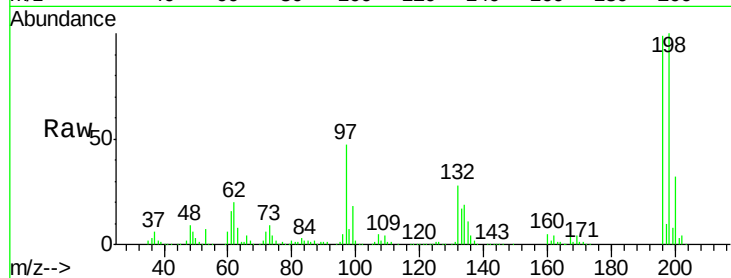




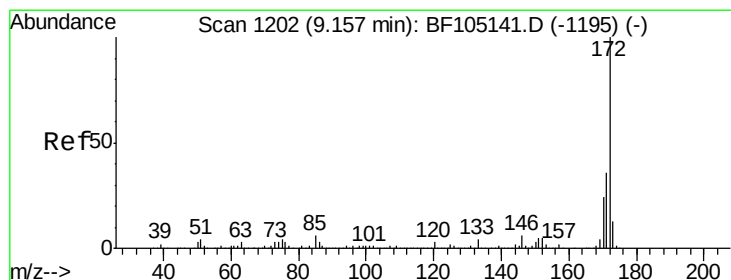
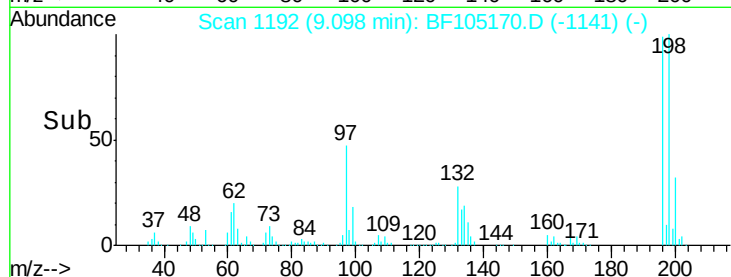
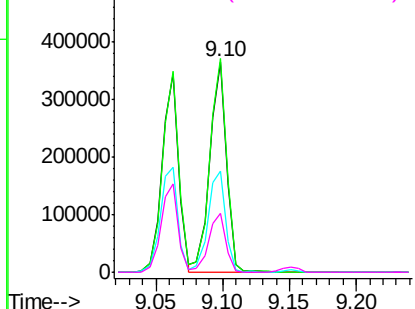
#43
 2,4,5-Trichlorophenol
 Concen: 38.334 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 323743
 Ion Ratio Lower Upper
 196 100
 198 101.5 74.6 112.0
 97 48.0 42.9 64.3
 132 28.1 26.3 39.5

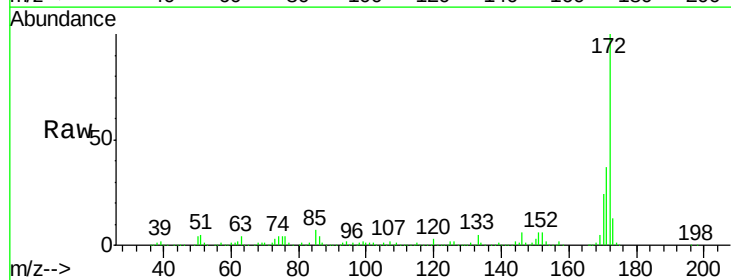


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

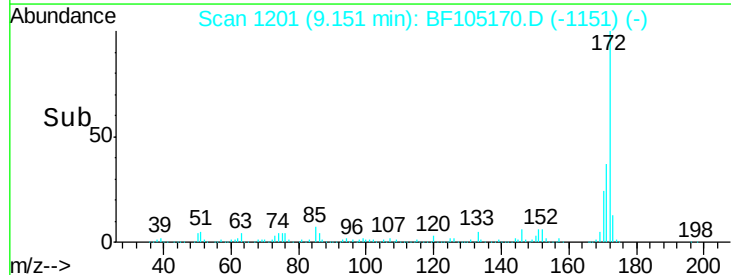
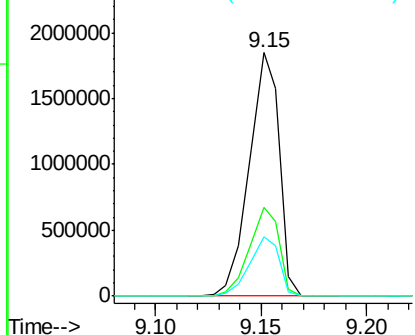


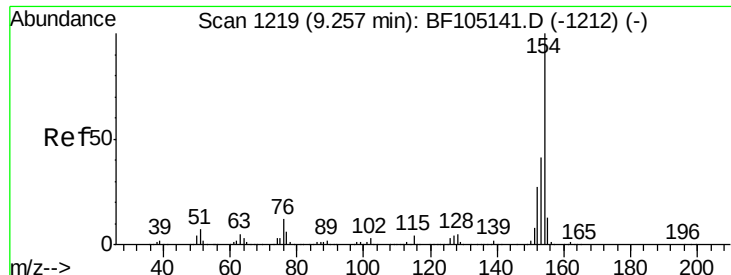
#44
 2-Fluorobiphenyl
 Concen: 67.912 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:172 Resp: 1821505
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.5 19.6 29.4



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

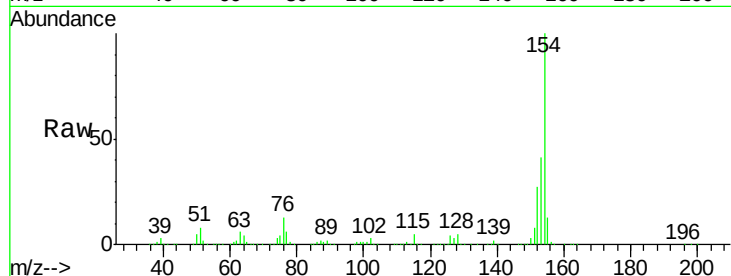




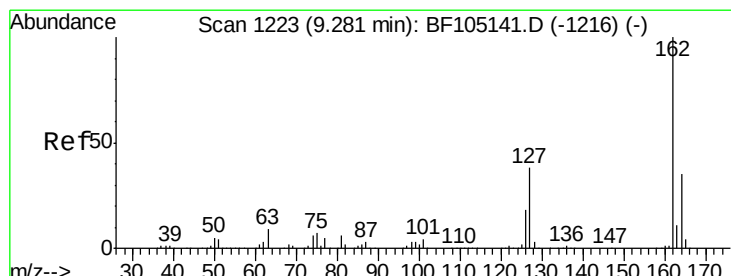
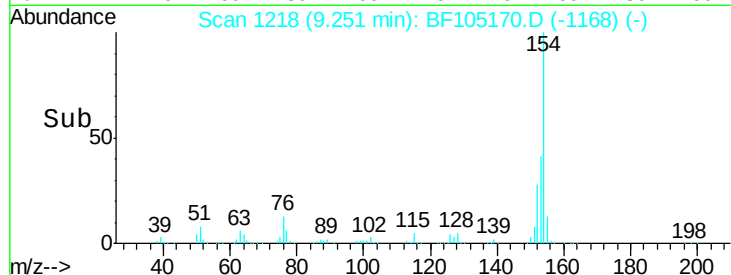
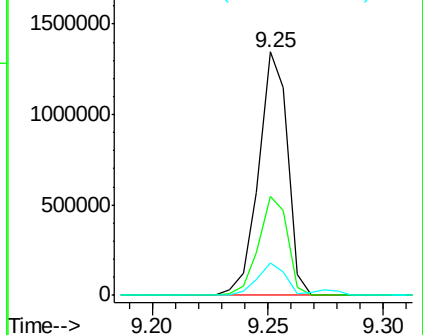
#45
 1,1'-Biphenyl
 Concen: 34.765 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1179194
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 13.4 0.0 34.0

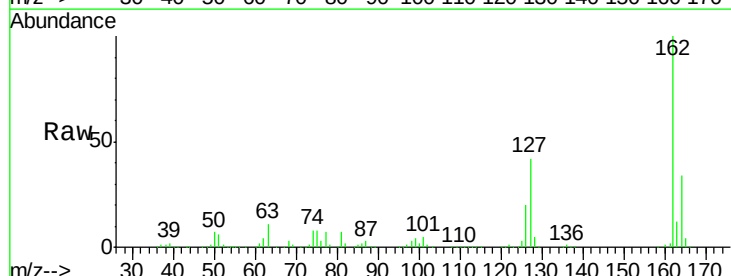


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

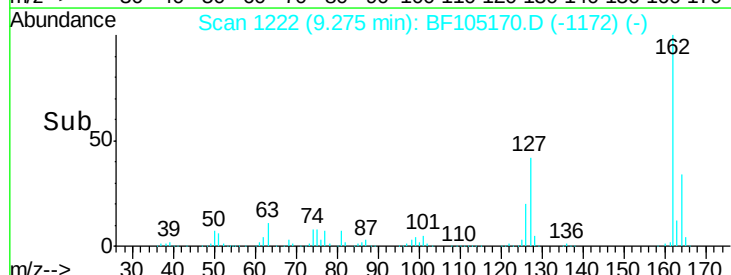
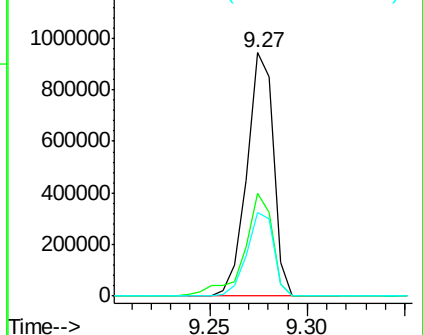


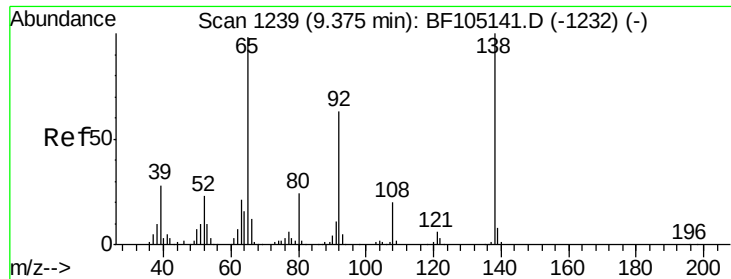
#46
 2-Chloronaphthalene
 Concen: 35.122 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:162 Resp: 890370
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.9 50.9
 164 34.4 26.5 39.7



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

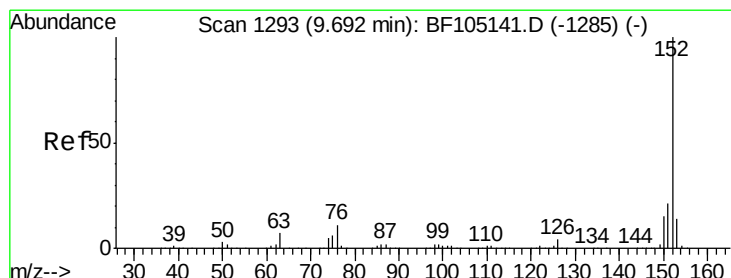
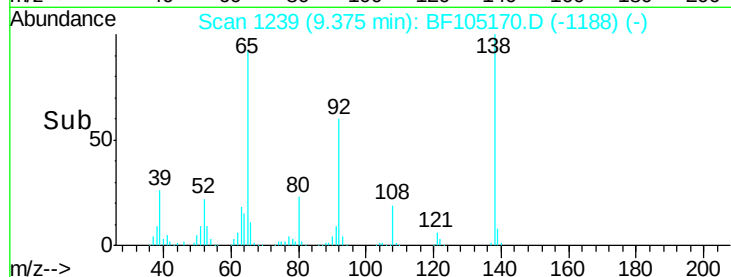
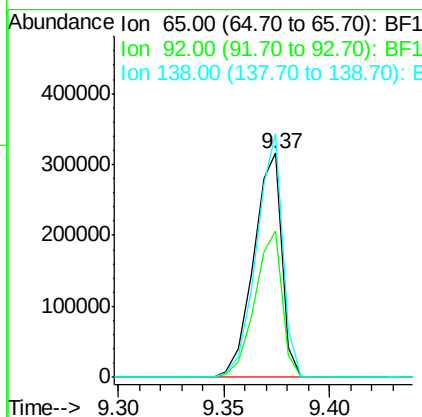
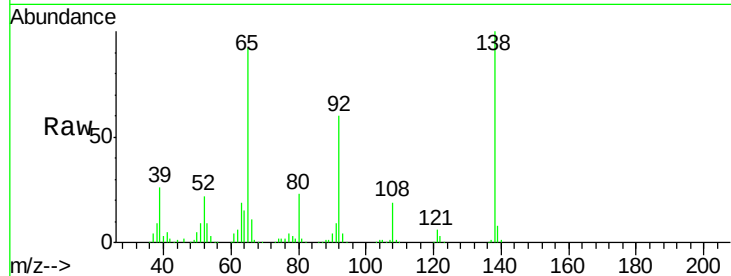




#47
2-Nitroaniline
Concen: 41.224 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

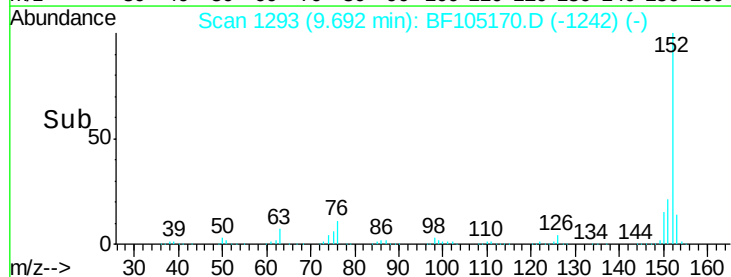
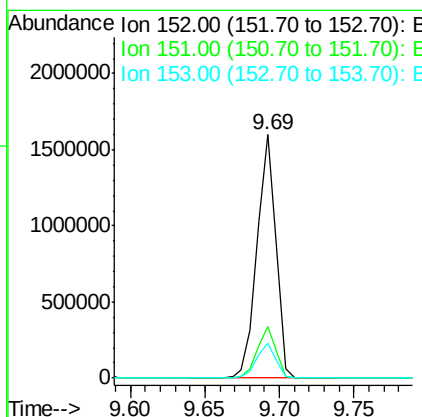
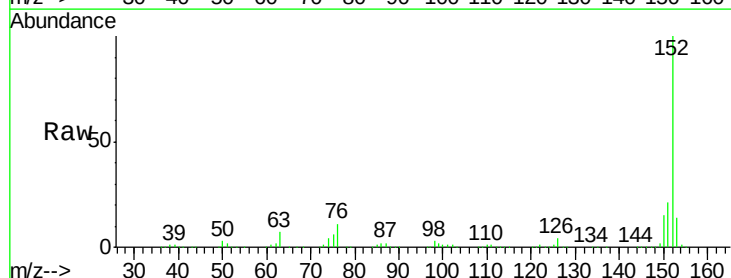
Instrument :
BNA_F
ClientSampleId :

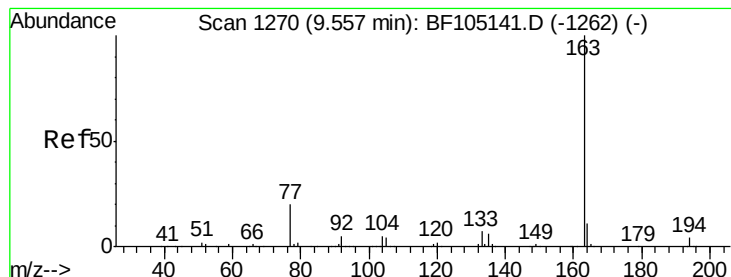
Tot Ion: 65 Resp: 294202
Ion Ratio Lower Upper
65 100
92 65.4 55.8 83.6
138 108.6 91.2 136.8



#48
Acenaphthylene
Concen: 35.331 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 152 Resp: 1383323
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.2 10.7 16.1





#49

Dimethylphthalate

Concen: 36.116 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

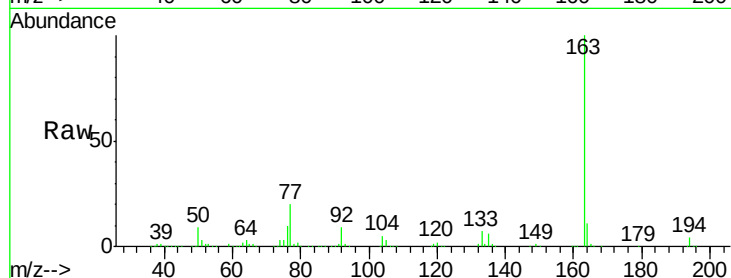
Tot Ion:163 Resp: 1017857

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

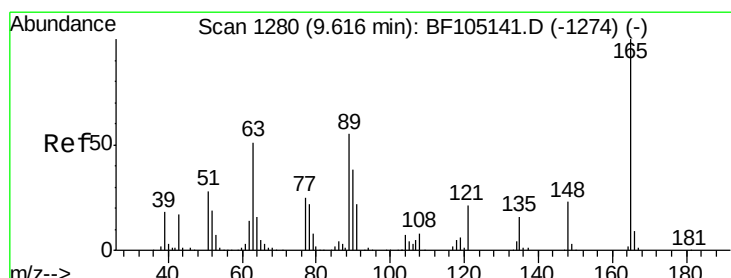
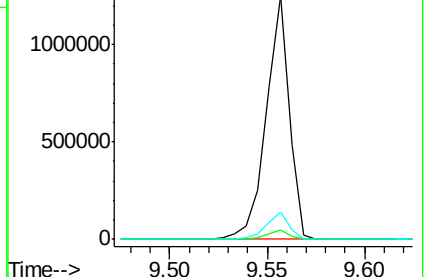
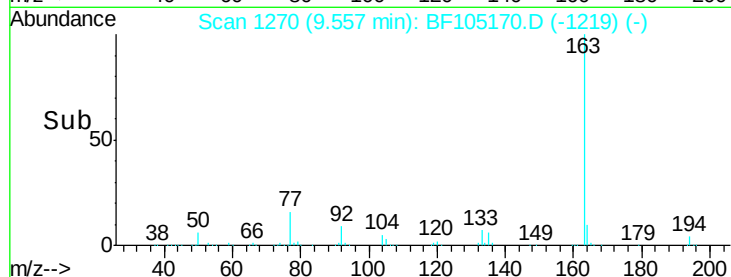
164 11.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 39.862 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

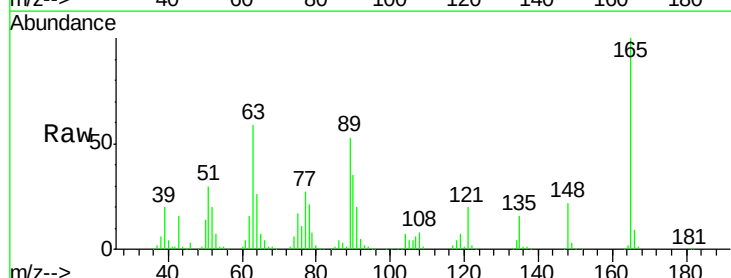
Tgt Ion:165 Resp: 243763

Ion Ratio Lower Upper

165 100

63 59.0 44.7 67.1

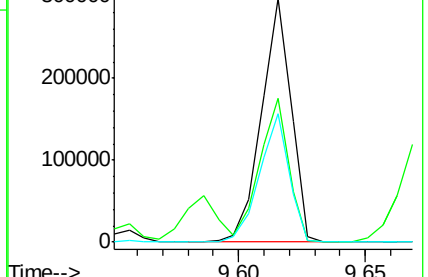
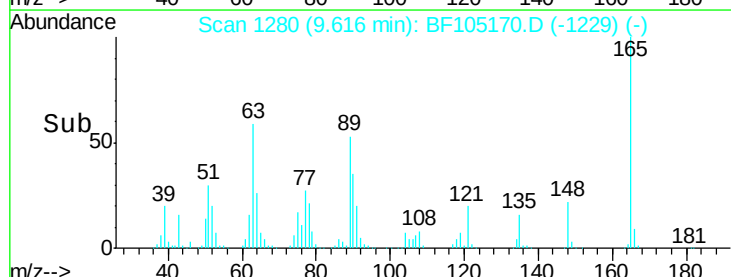
89 52.7 44.0 66.0

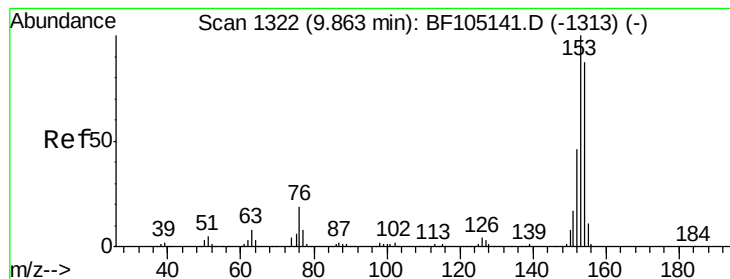


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.059 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

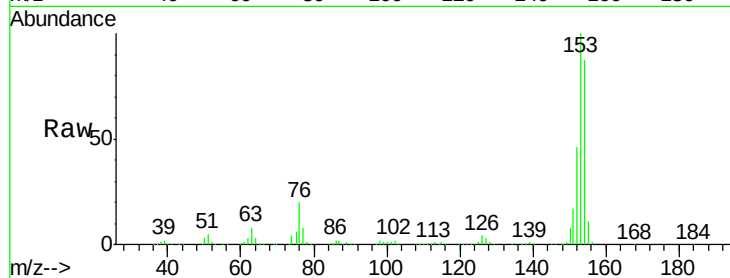
Tot Ion:154 Resp: 909885

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

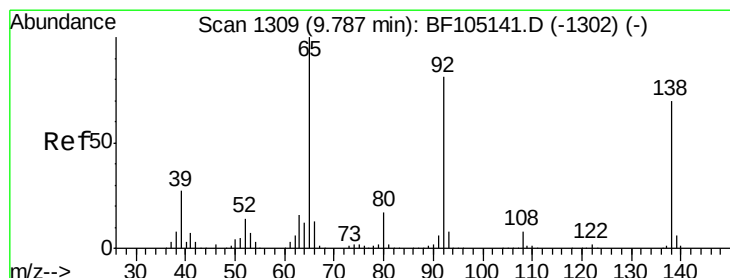
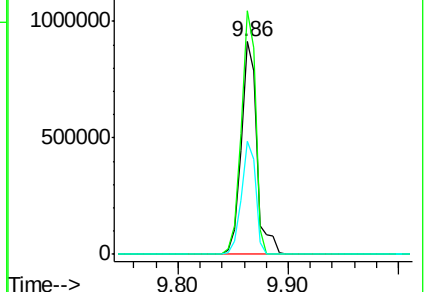
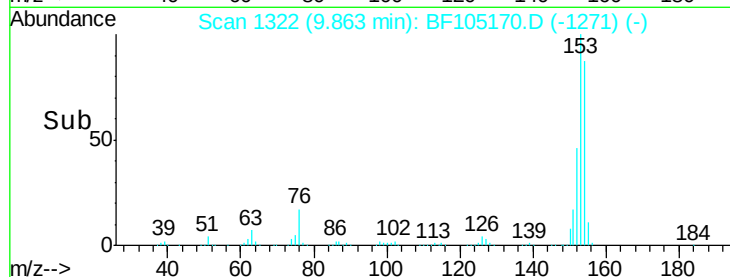
152 52.9 43.8 65.8



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



#52

3-Nitroaniline

Concen: 40.180 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

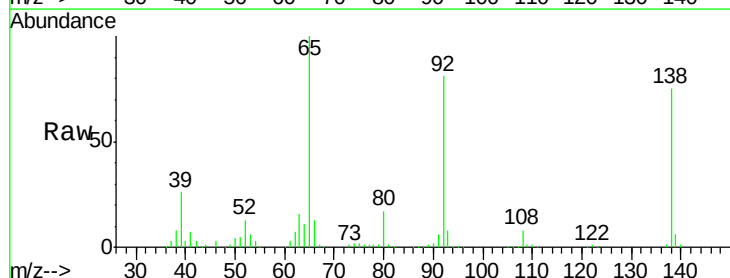
Tgt Ion:138 Resp: 258811

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

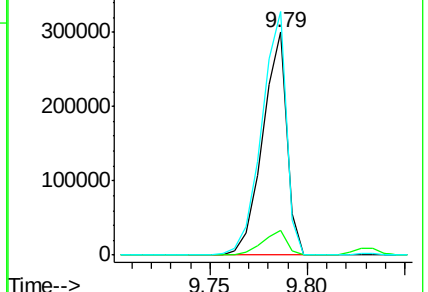
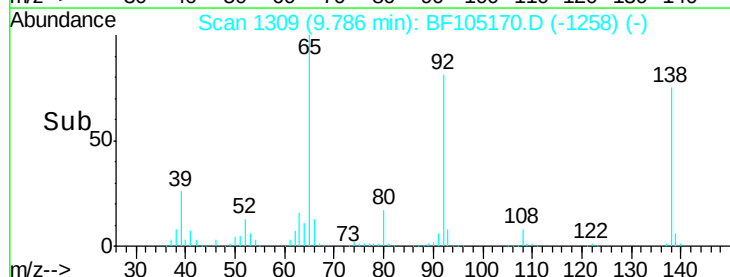
92 109.1 89.4 134.2

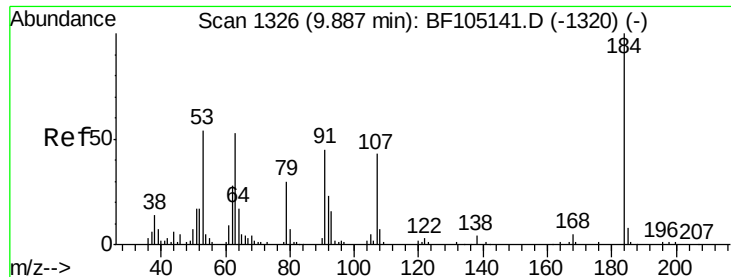


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

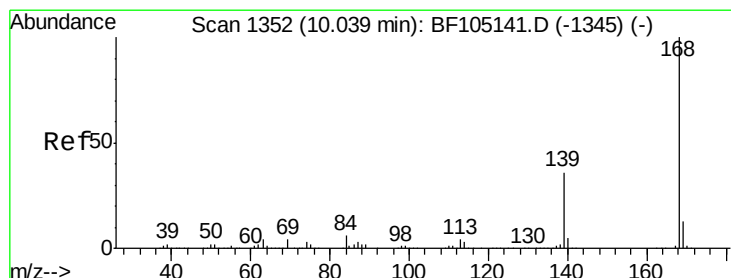
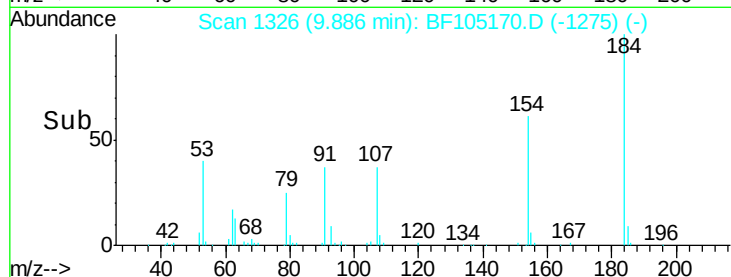
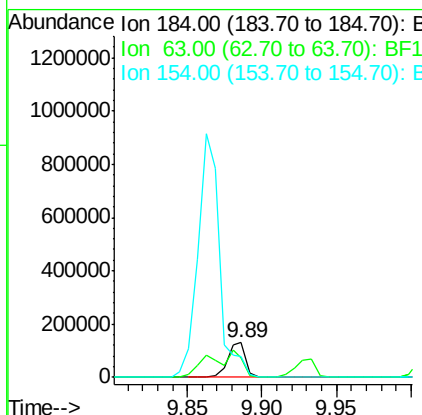
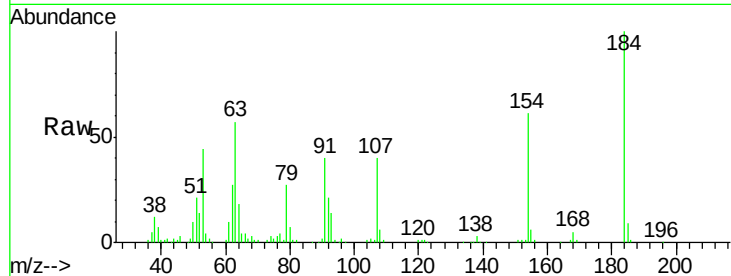




#53
 2,4-Dinitrophenol
 Concen: 53.588 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

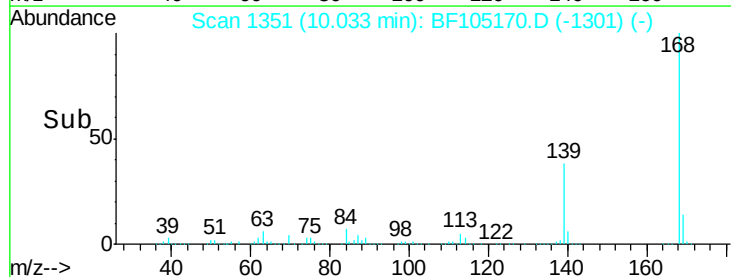
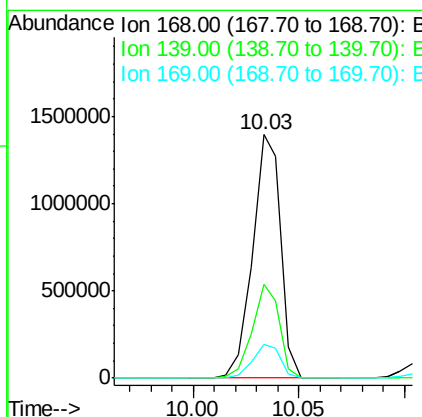
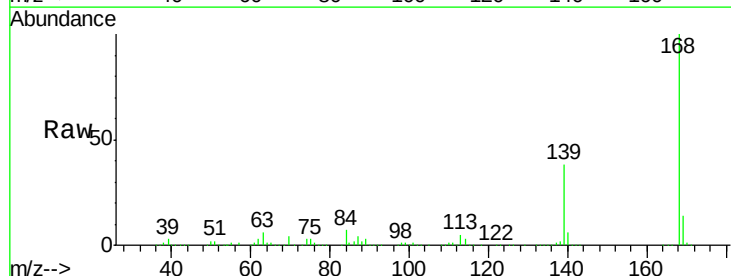
Instrument :
 BNA_F
 ClientSampled :

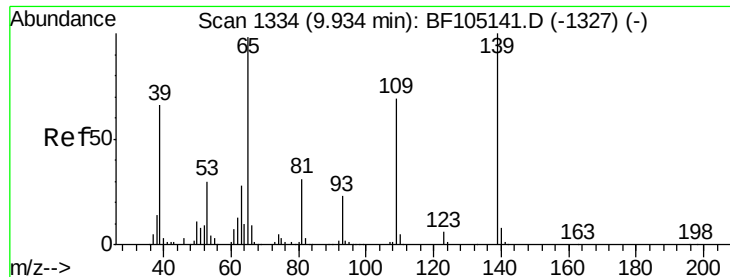
Tot Ion:184 Resp: 113621
 Ion Ratio Lower Upper
 184 100
 63 56.5 54.2 81.2
 154 60.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.749 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:168 Resp: 1282606
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 14.0 10.9 16.3

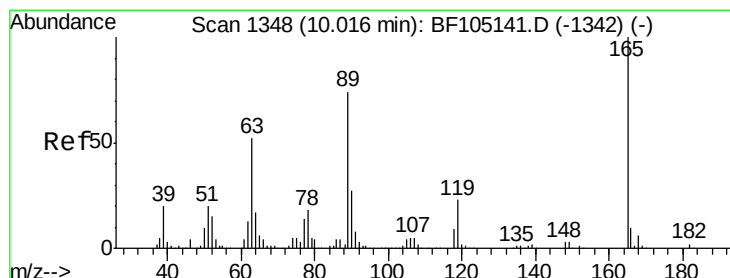
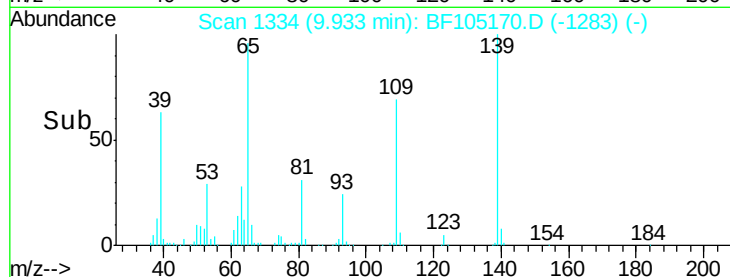
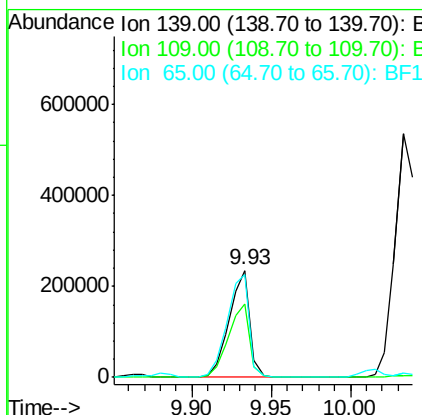
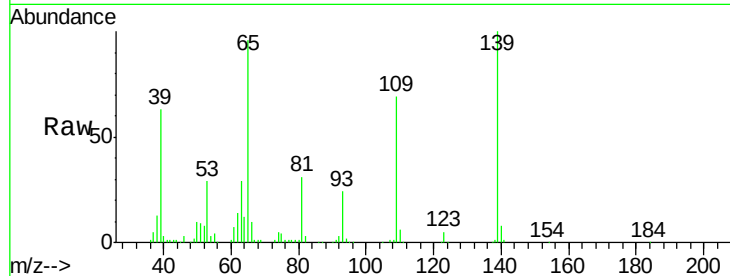




#55
4-Nitrophenol
Concen: 38.990 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

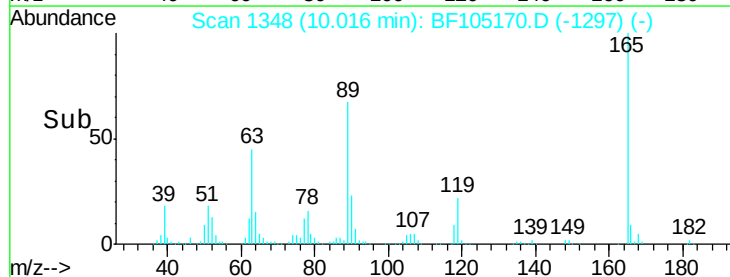
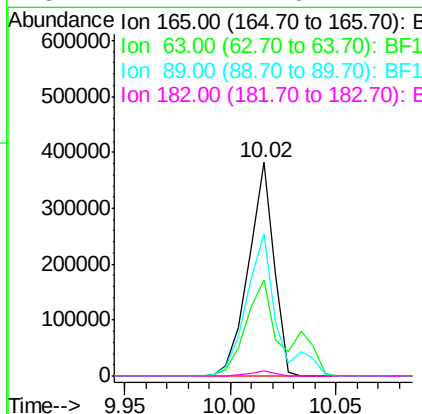
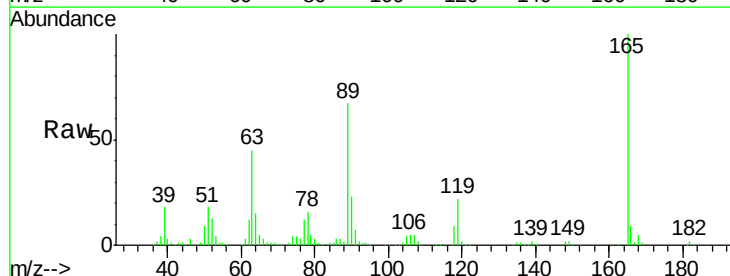
Instrument :
BNA_F
ClientSampled :

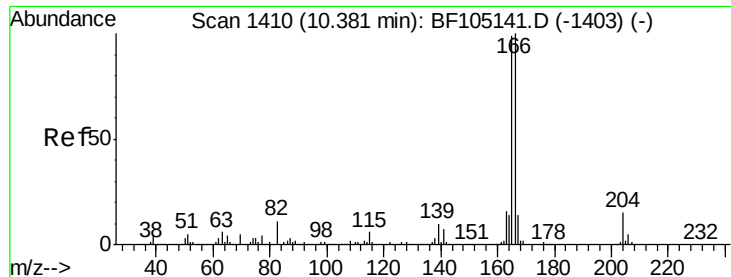
Tot Ion:139 Resp: 212517
Ion Ratio Lower Upper
139 100
109 68.8 48.4 88.4
65 96.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.095 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:165 Resp: 320772
Ion Ratio Lower Upper
165 100
63 45.0 36.4 54.6
89 66.6 57.8 86.6
182 2.4 1.6 2.4

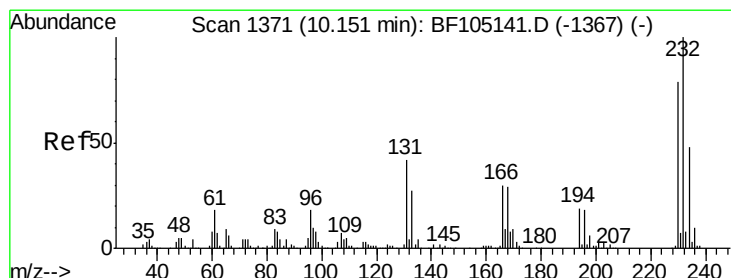
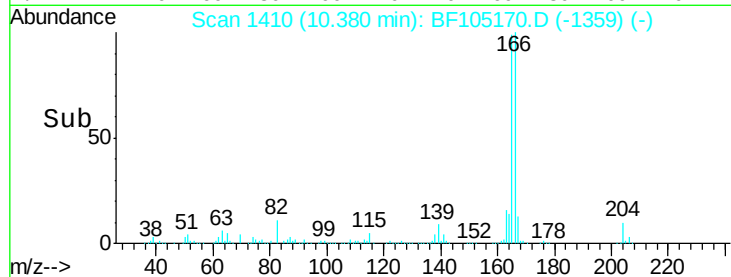
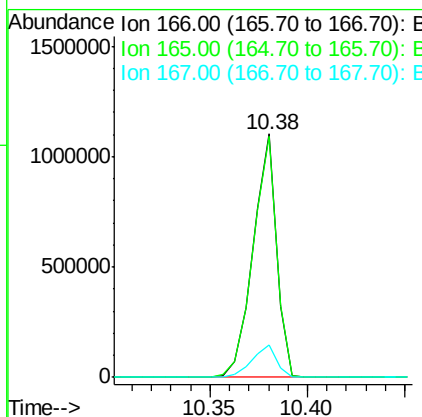
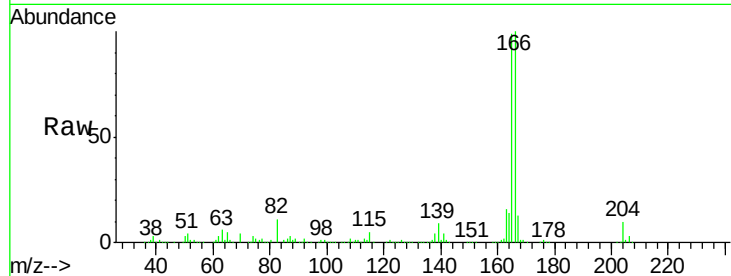




#57
 Fluorene
 Concen: 33.981 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

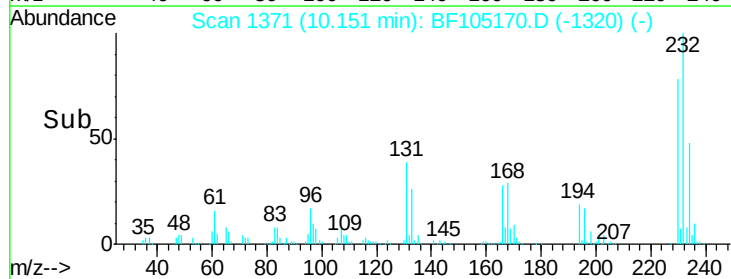
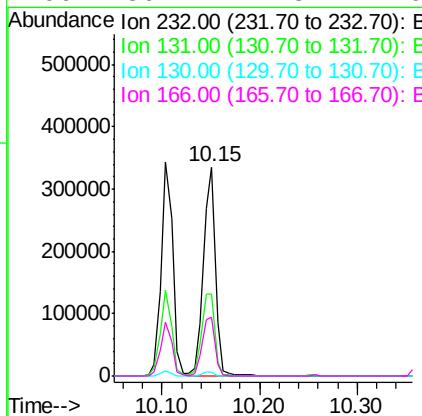
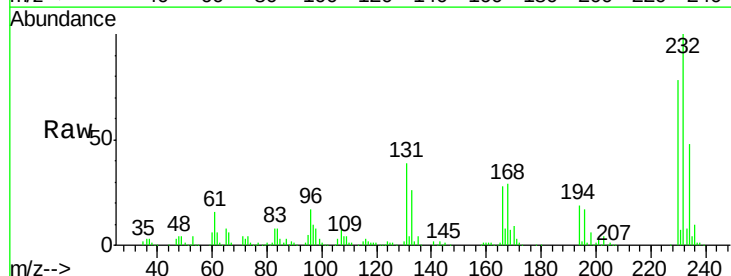
Instrument :
 BNA_F
 ClientSampled :

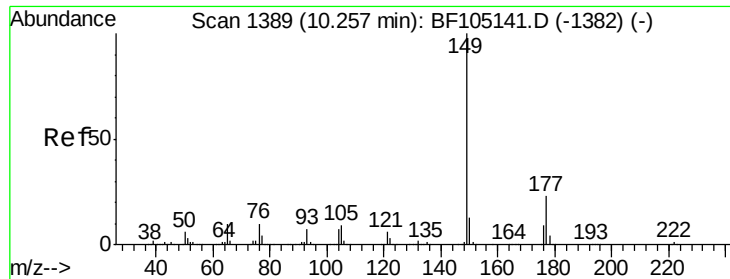
Tot Ion:166 Resp: 919850
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.093 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:232 Resp: 287159
 Ion Ratio Lower Upper
 232 100
 131 43.5 43.8 65.8#
 130 2.1 2.1 3.1#
 166 30.1 27.8 41.6

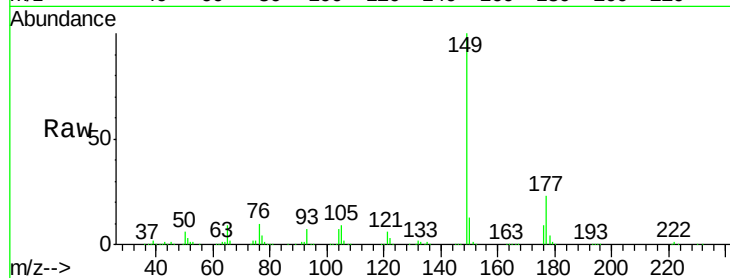




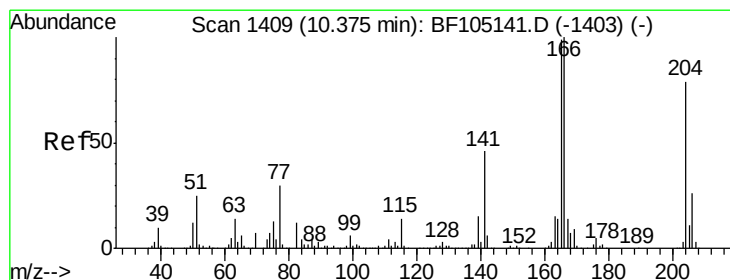
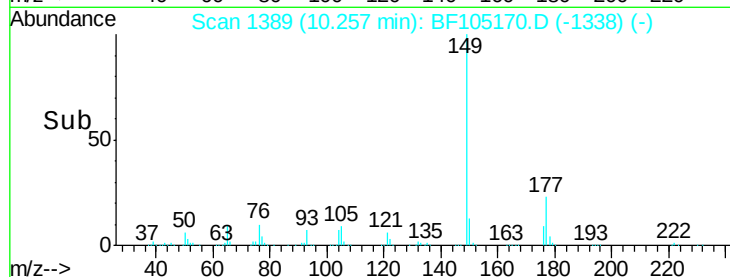
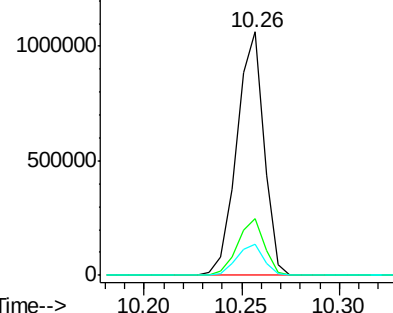
#59
Diethylphthalate
Concen: 37.134 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1028518
Ion Ratio Lower Upper
149 100
177 23.5 16.1 24.1
150 12.6 10.1 15.1

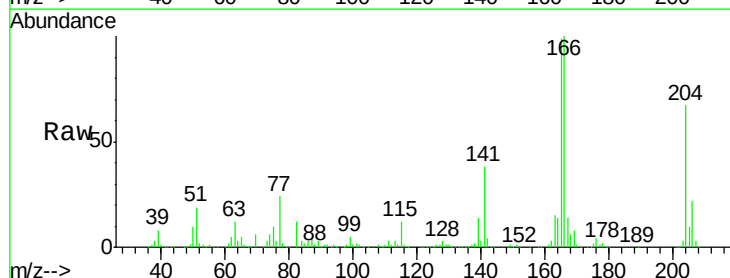


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

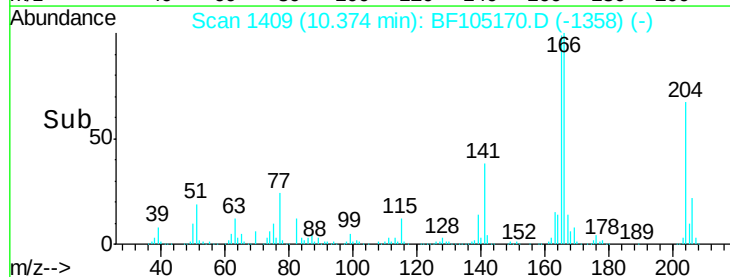
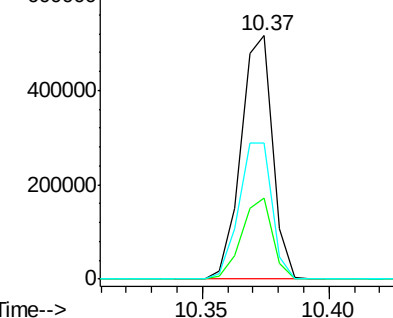


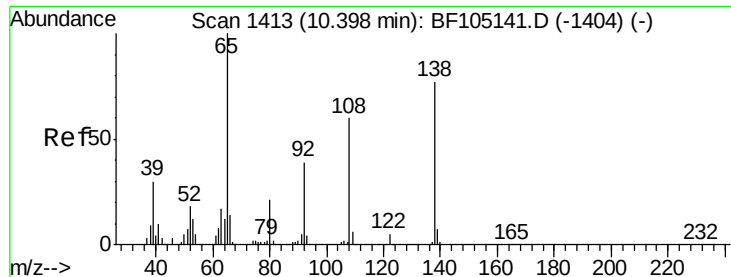
#60
4-Chlorophenyl-phenylether
Concen: 35.706 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:204 Resp: 449939
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 56.0 54.6 81.8



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

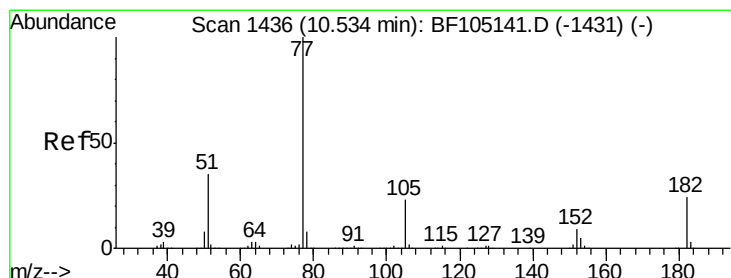
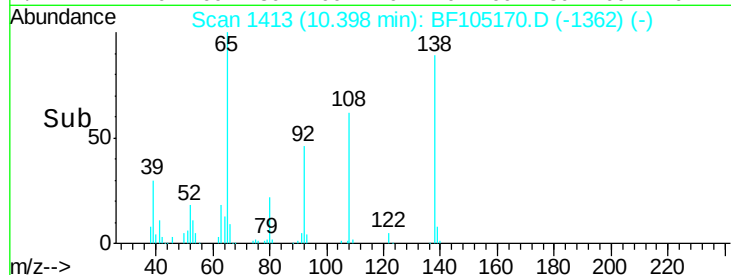
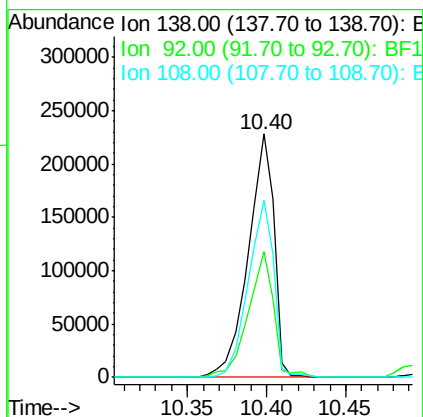
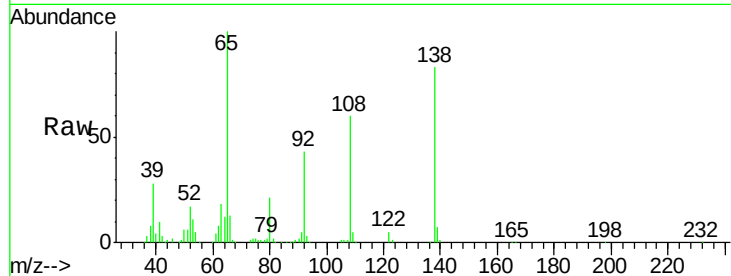




#61
4-Nitroaniline
Concen: 40.202 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

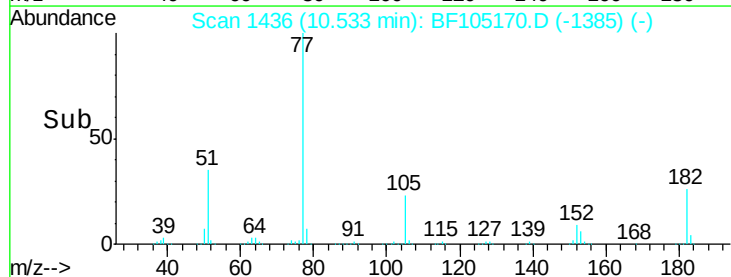
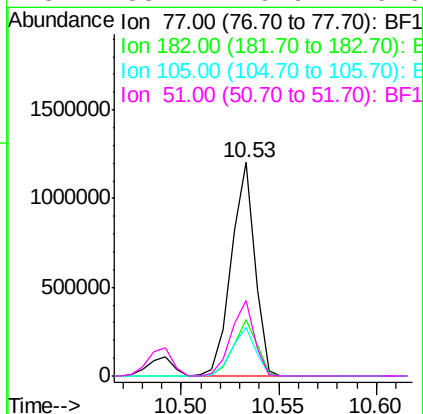
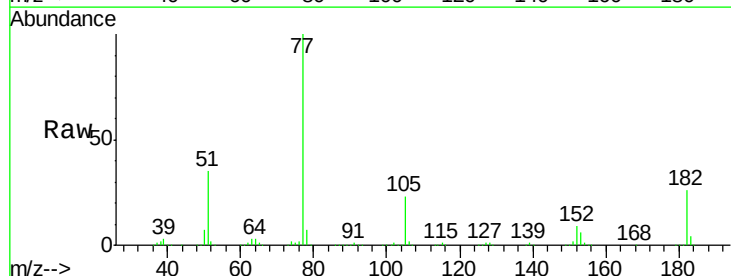
Instrument :
BNA_F
ClientSampleId :

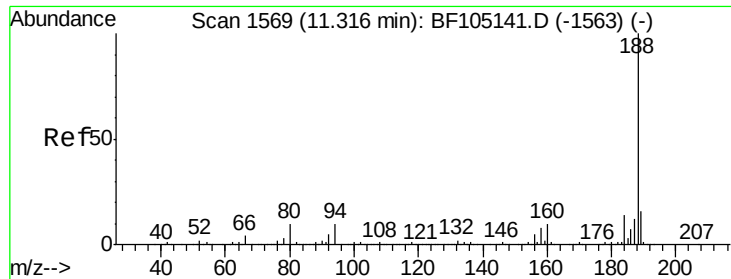
Tot Ion:138 Resp: 257678
Ion Ratio Lower Upper
138 100
92 51.7 30.2 70.2
108 72.6 52.5 92.5



#62
Azobenzene
Concen: 34.840 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion: 77 Resp: 1006622
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 22.8 3.0 43.0
51 35.4 9.9 49.9

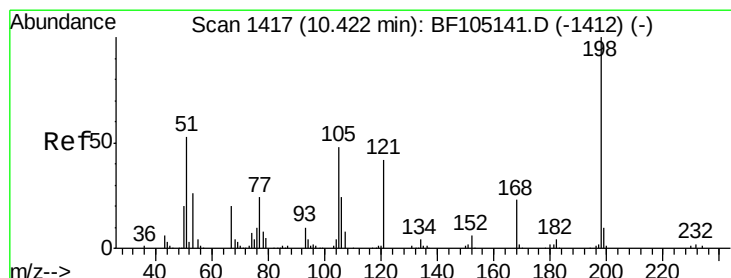
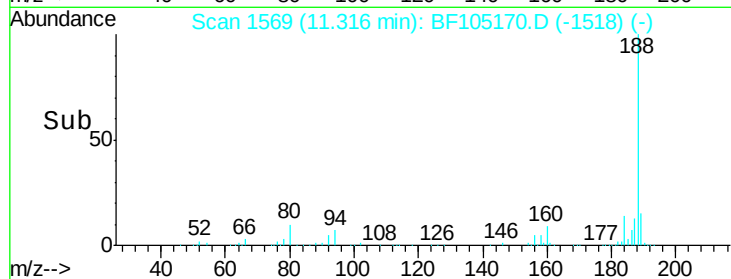
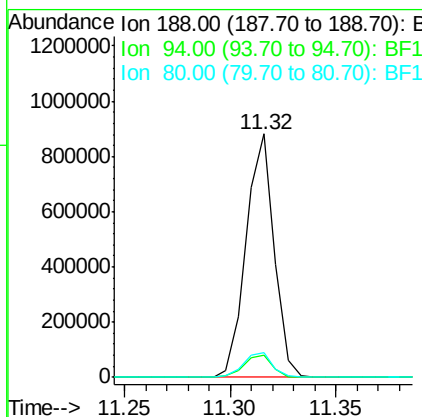
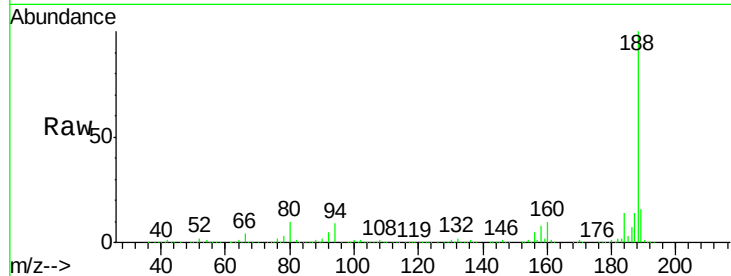




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

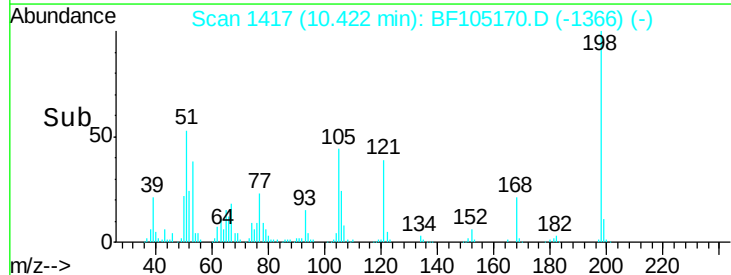
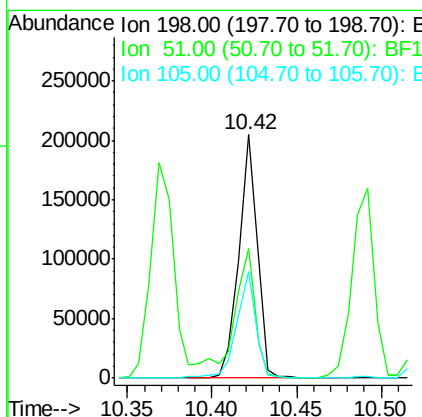
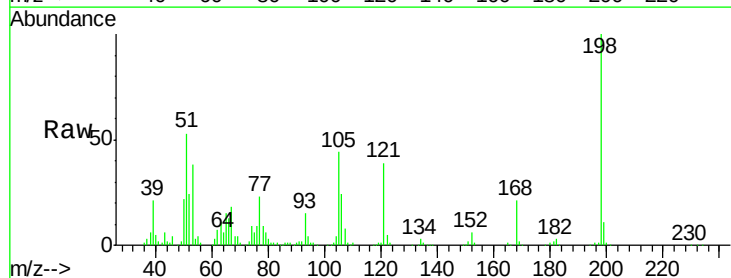
Instrument :
 BNA_F
 ClientSampled :

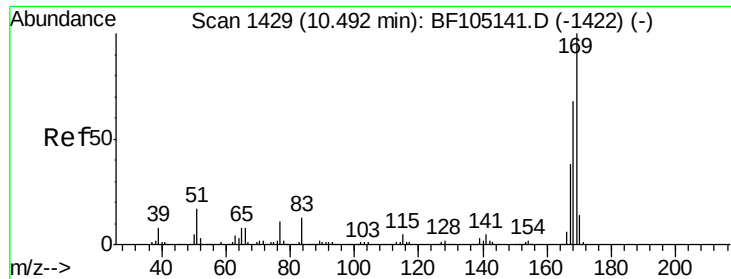
Tot Ion:188 Resp: 809338
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 50.058 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:198 Resp: 155732
 Ion Ratio Lower Upper
 198 100
 51 53.2 37.7 77.7
 105 43.9 36.3 76.3

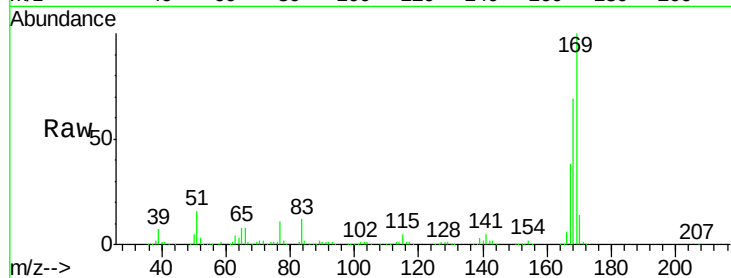




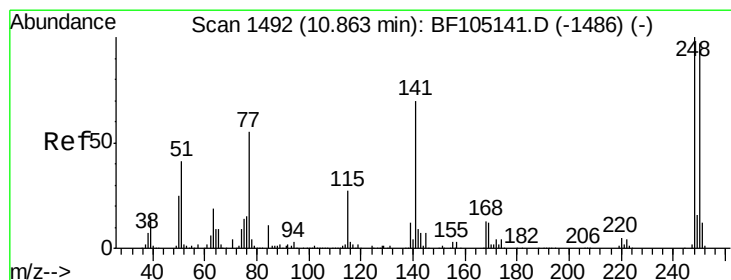
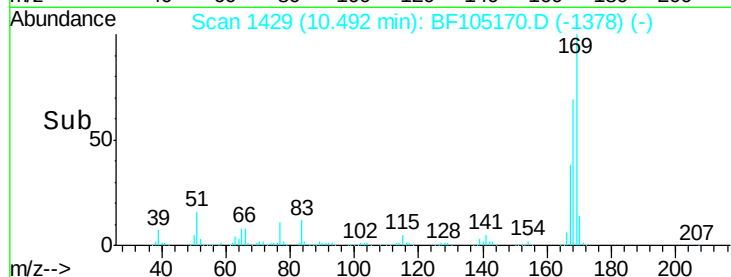
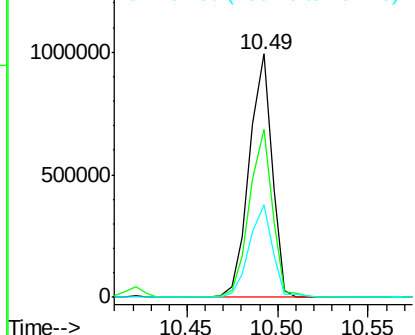
#65
 n-Nitrosodiphenylamine
 Concen: 34.568 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 872101
 Ion Ratio Lower Upper
 169 100
 168 69.3 54.4 81.6
 167 37.8 29.8 44.6

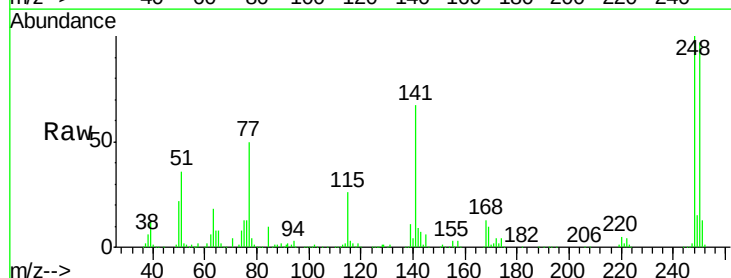


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

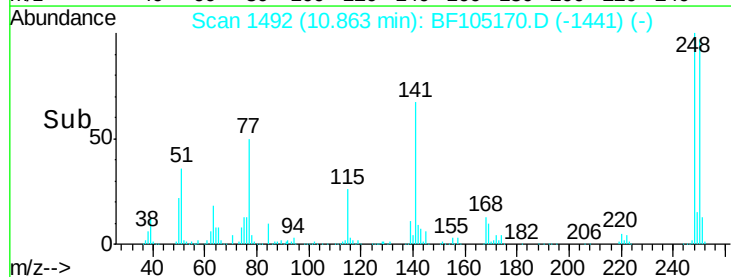
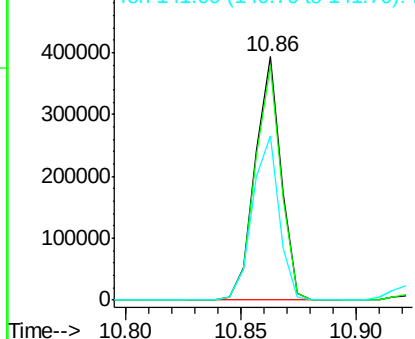


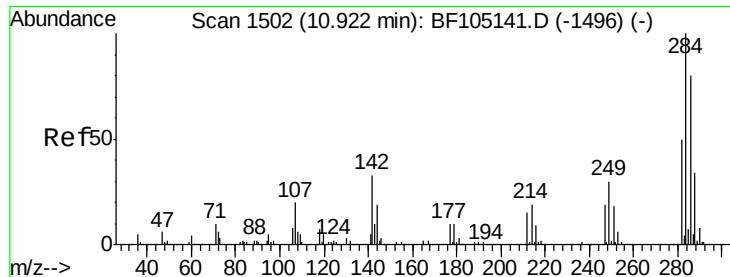
#66
 4-Bromophenyl-phenylether
 Concen: 35.722 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:248 Resp: 308347
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.9 115.3
 141 67.3 74.4 111.6#



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

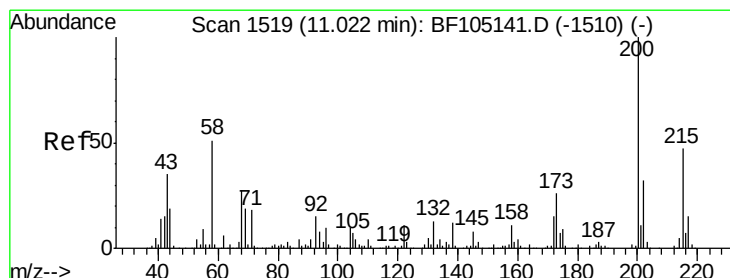
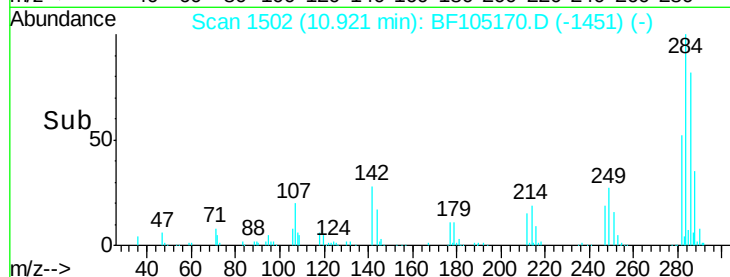
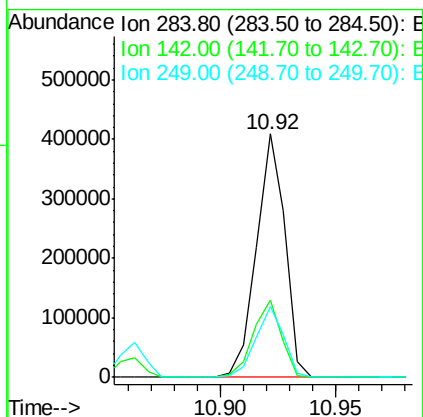
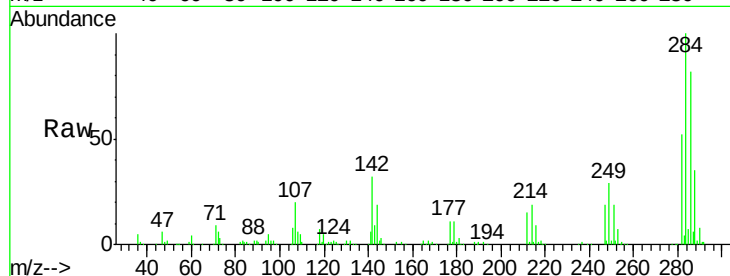




#67
Hexachlorobenzene
Concen: 35.425 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

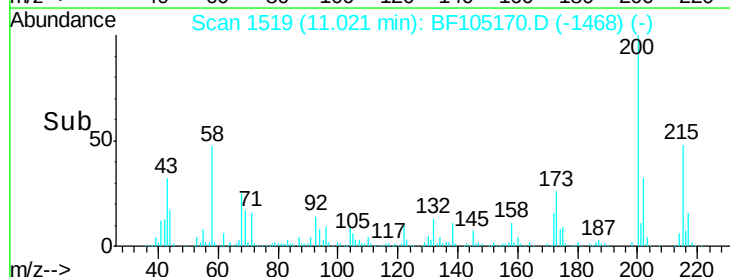
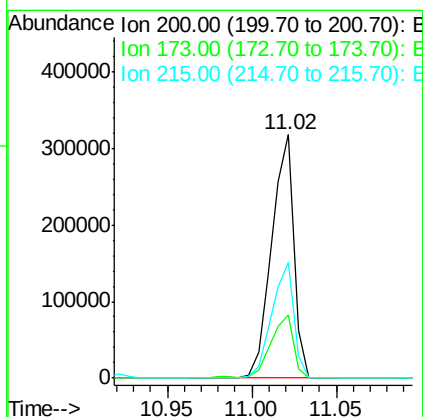
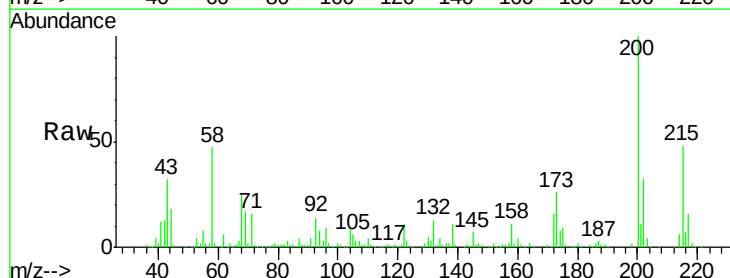
Instrument :
BNA_F
ClientSampled :

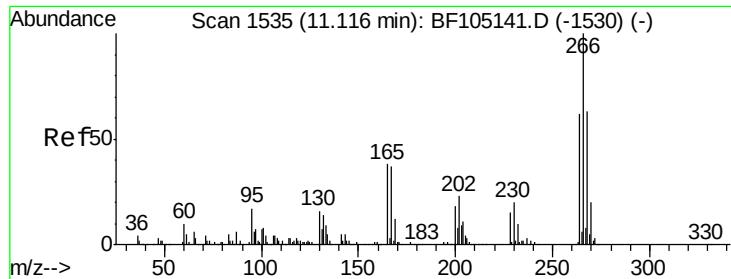
Tot Ion:284 Resp: 352330
Ion Ratio Lower Upper
284 100
142 31.9 34.6 52.0#
249 29.0 24.8 37.2



#68
Atrazine
Concen: 36.149 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:200 Resp: 285838
Ion Ratio Lower Upper
200 100
173 26.0 8.6 48.6
215 47.7 25.1 65.1

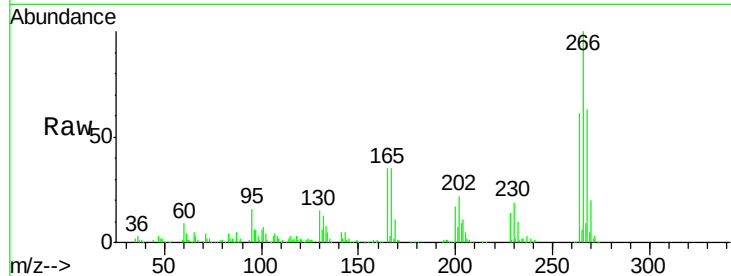




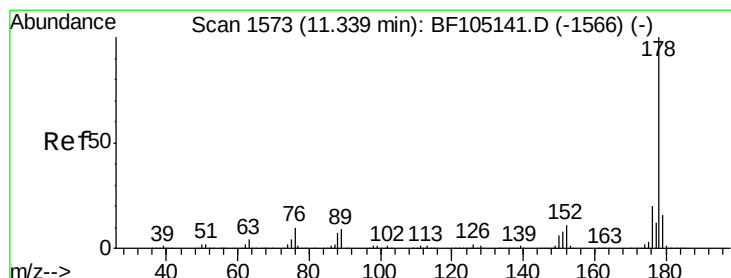
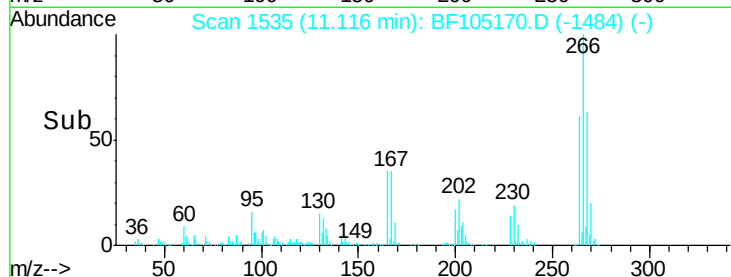
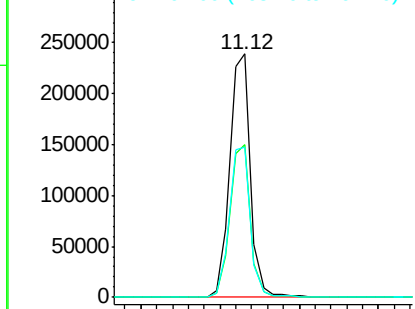
#69
 Pentachlorophenol
 Concen: 38.627 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 216608
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 61.5 49.5 74.3

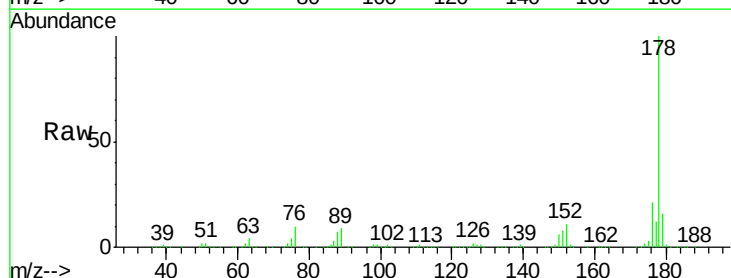


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

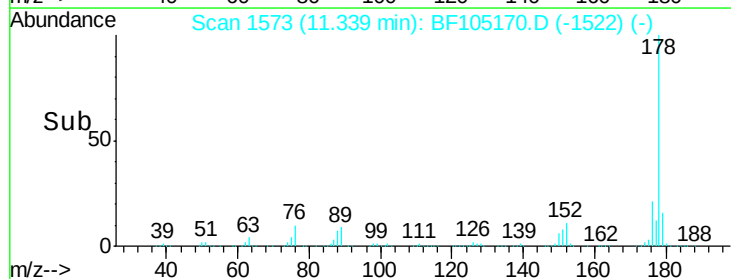
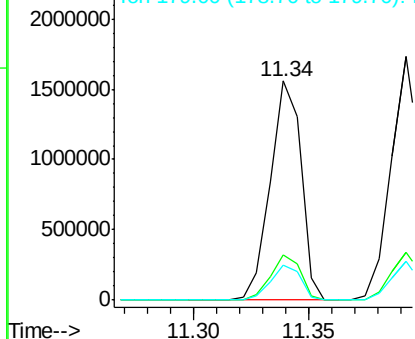


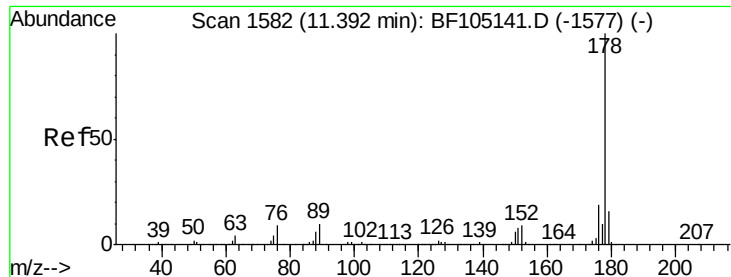
#70
 Phenanthrene
 Concen: 33.837 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:178 Resp: 1443808
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 15.9 13.0 19.6



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



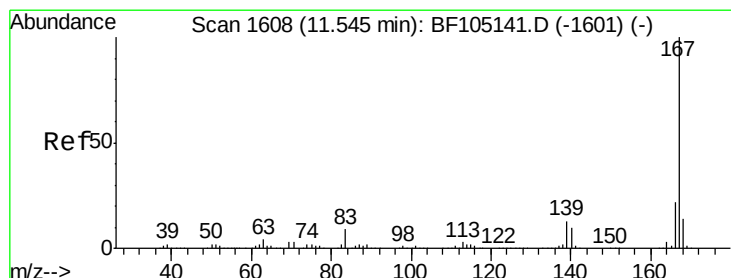
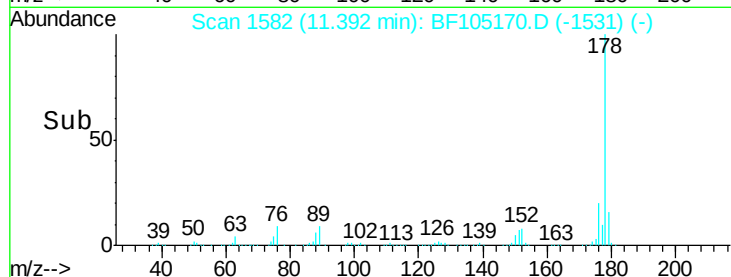
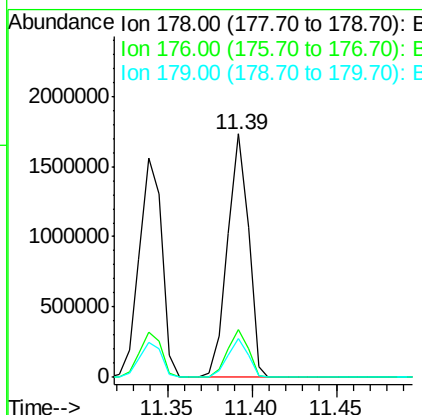
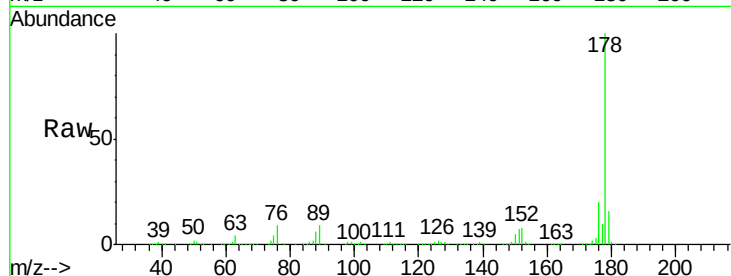


#71
 Anthracene
 Concen: 34.594 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1499814

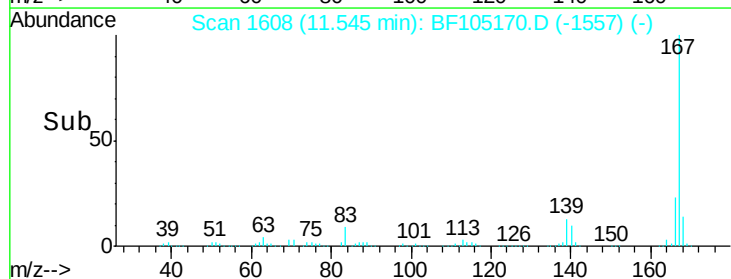
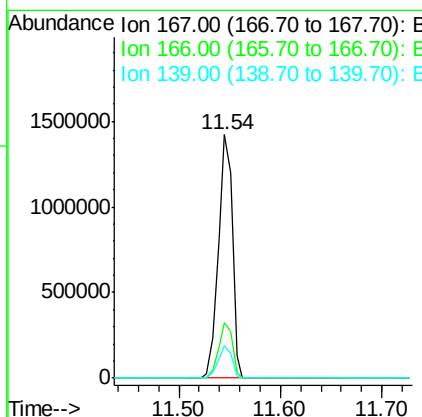
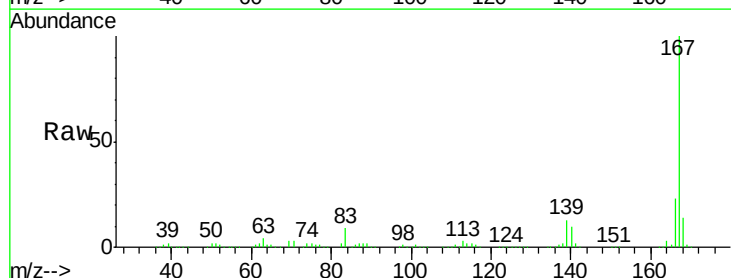
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.9	12.6	19.0

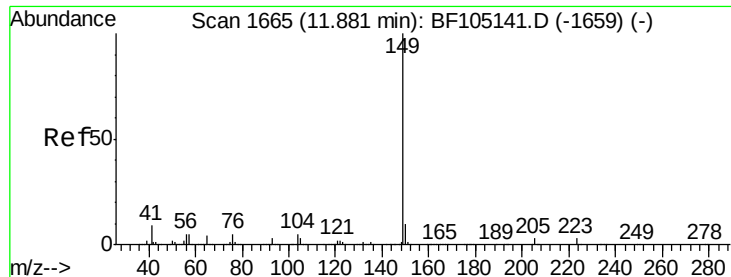


#72
 Carbazole
 Concen: 34.827 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion:167 Resp: 1360611

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.056 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

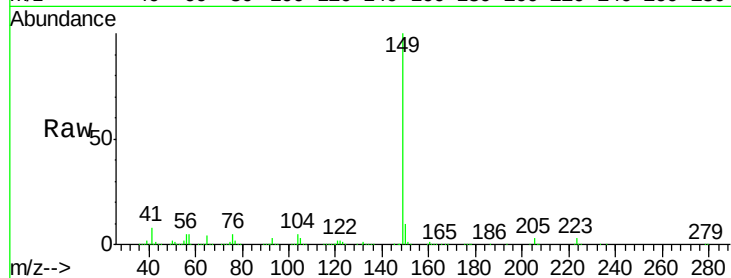
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1548412

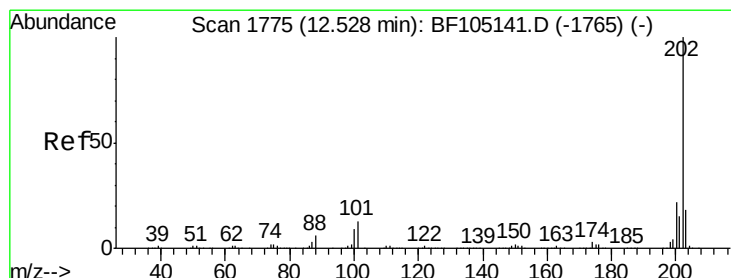
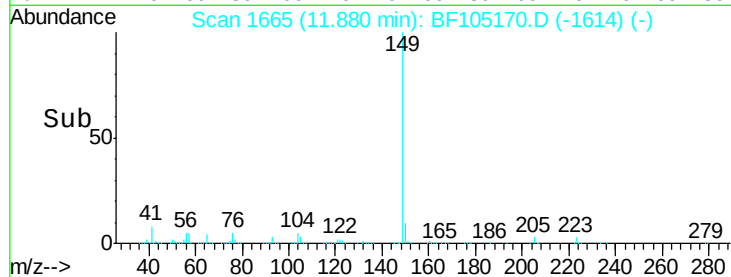
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.2	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.641 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

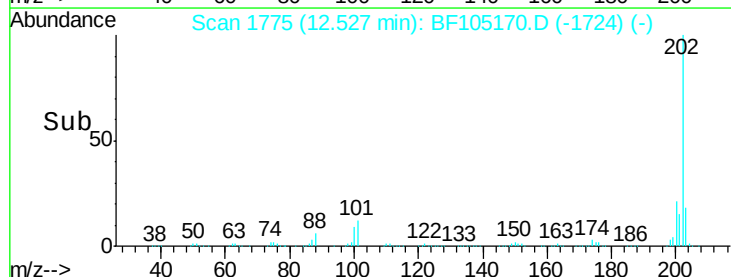
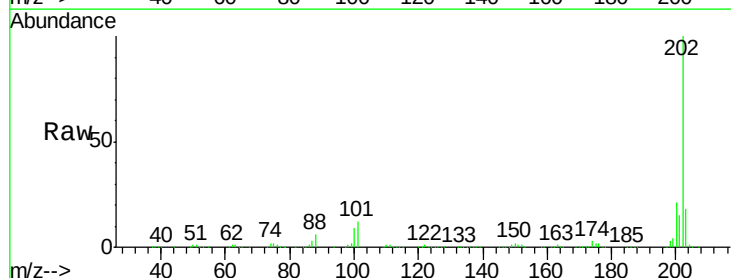
Tgt Ion:202 Resp: 1584629

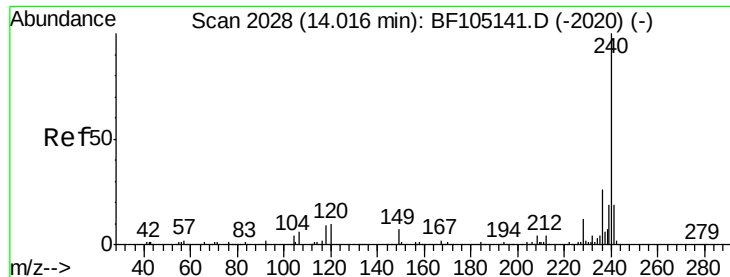
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	18.1	0.0	38.1

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampled :

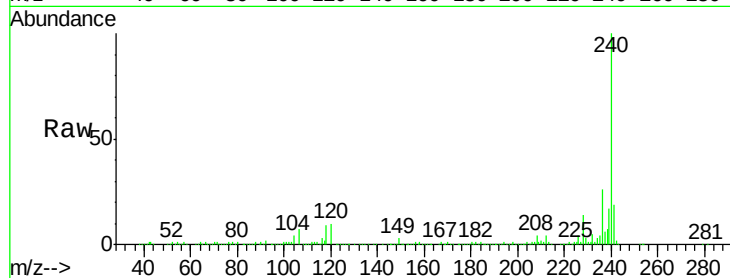
Tot Ion:240 Resp: 630384

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

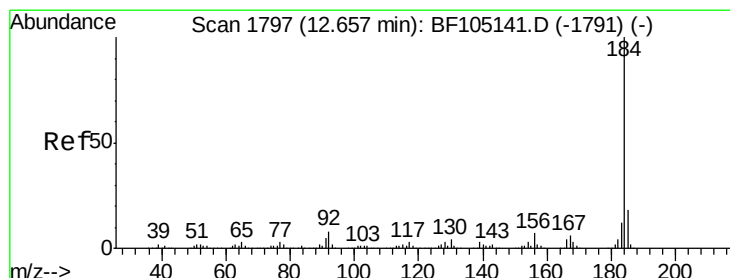
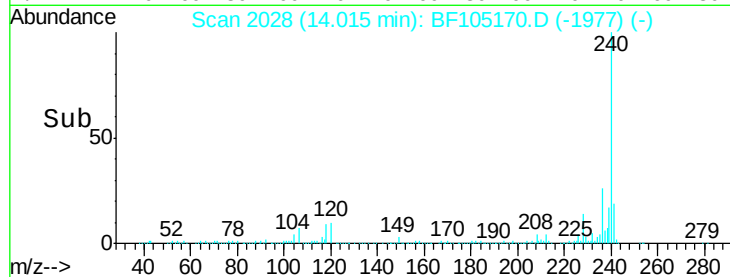
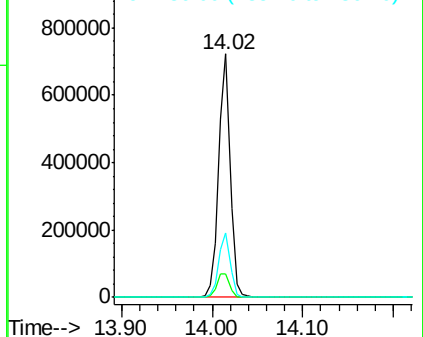
236 26.4 20.7 31.1



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



#76

Benzidine

Concen: 34.847 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

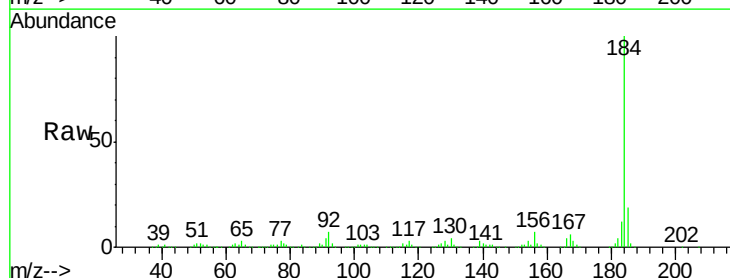
Tgt Ion:184 Resp: 820299

Ion Ratio Lower Upper

184 100

185 18.7 12.6 18.8

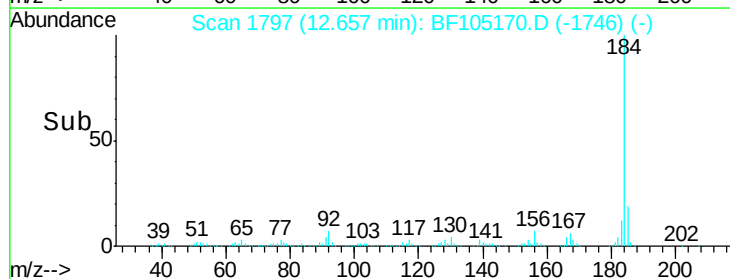
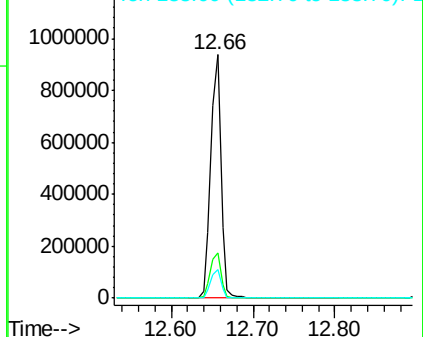
183 12.0 9.3 13.9

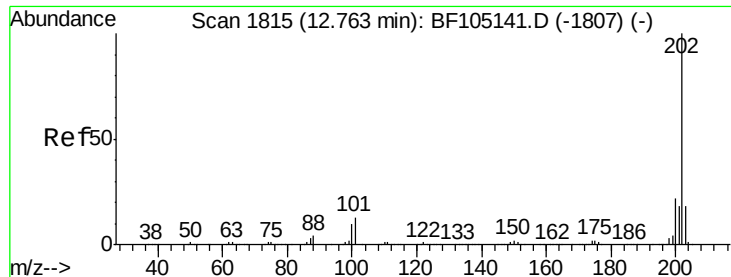


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

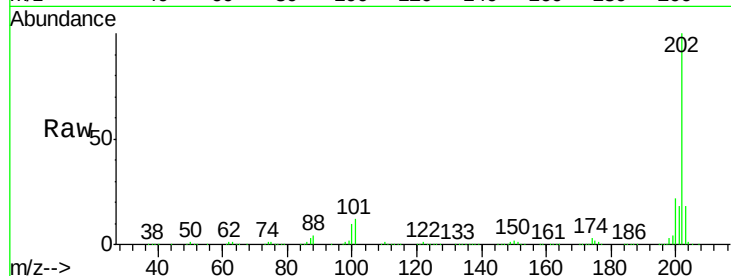




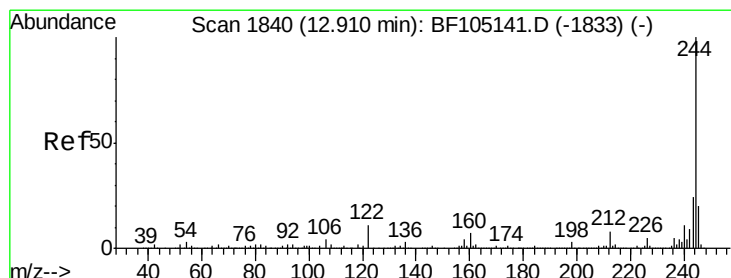
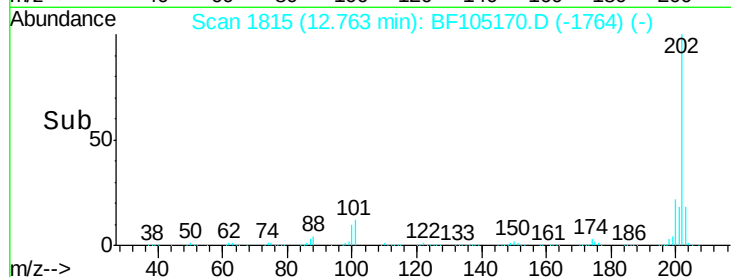
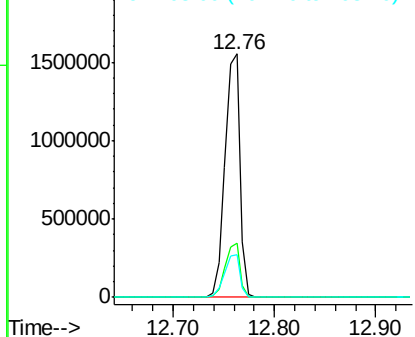
#77
Pvrene
Concen: 34.852 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1598010
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.8 14.3 21.5

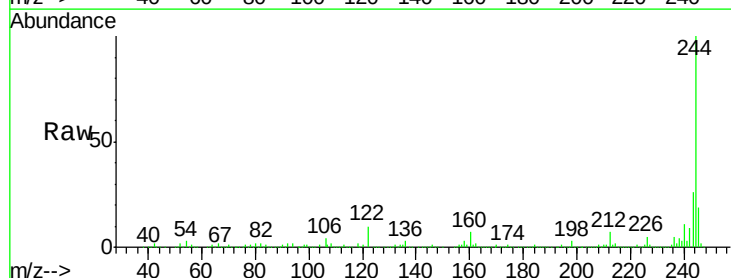


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

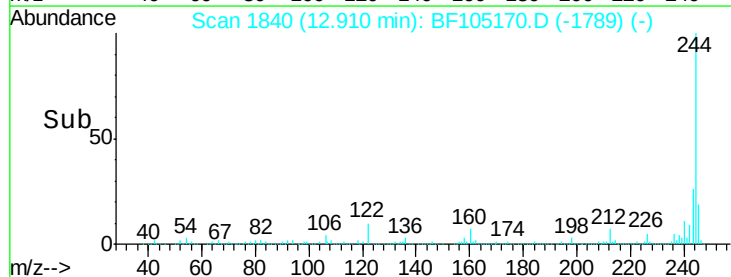
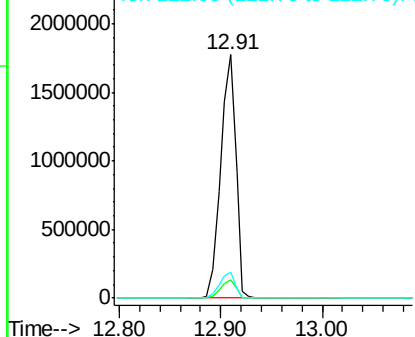


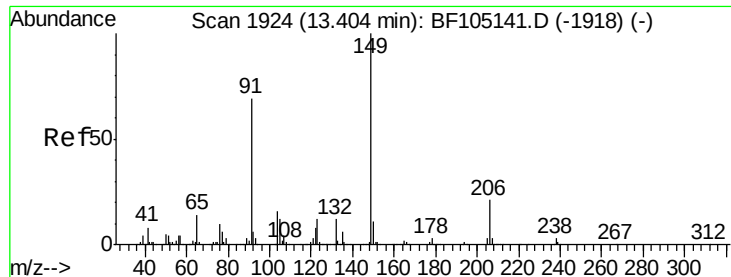
#78
Terphenyl-d14
Concen: 67.815 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:244 Resp: 1840382
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 10.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

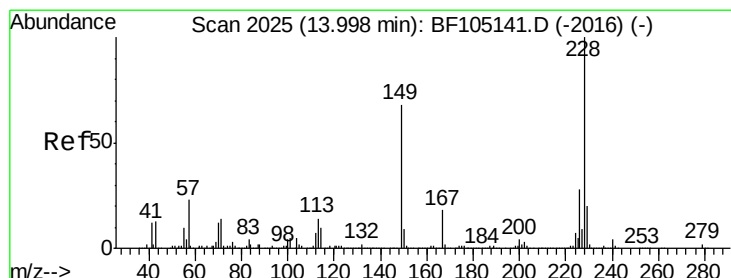
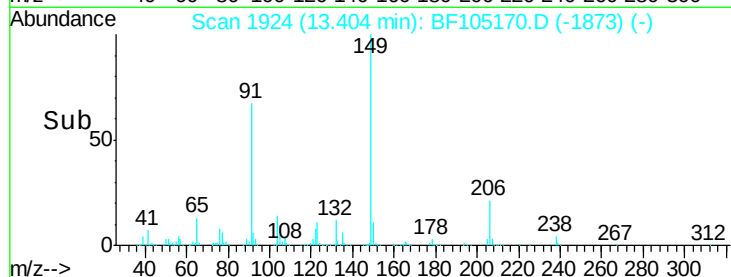
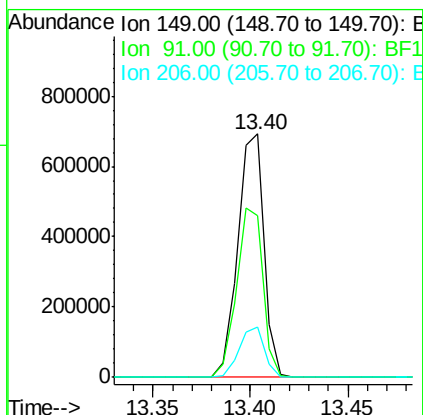
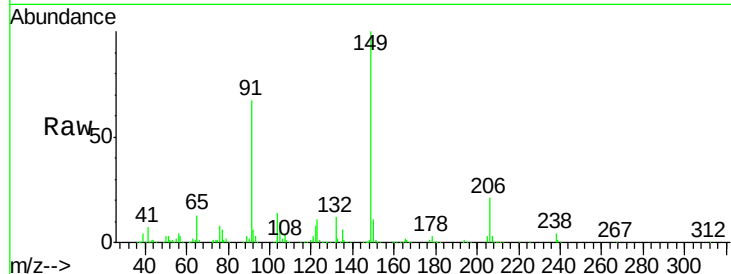




#79
Butylbenzylphthalate
Concen: 40.171 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

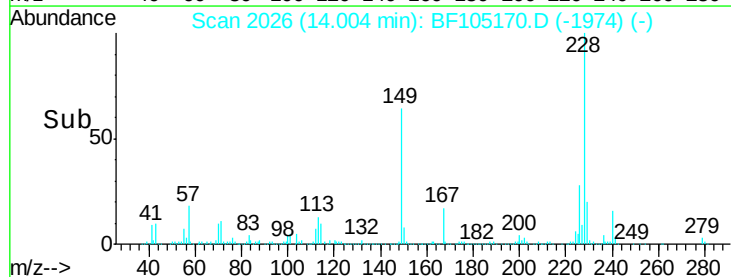
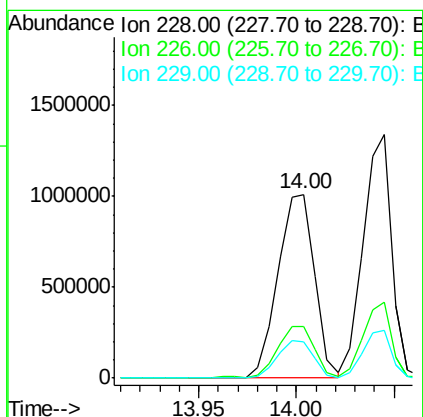
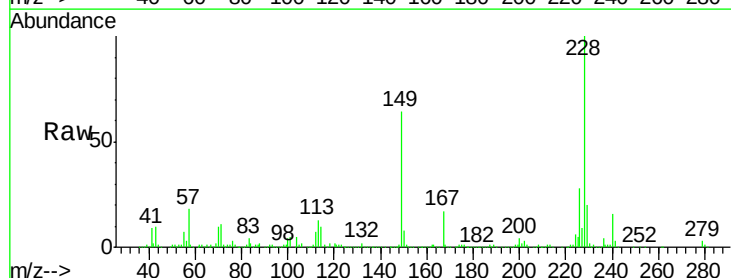
Instrument :
BNA_F
ClientSampleId :

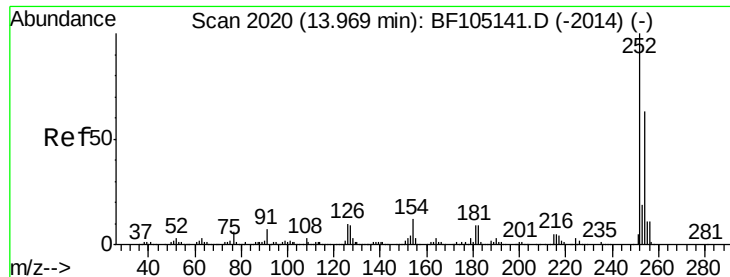
Tot Ion:149 Resp: 643889
Ion Ratio Lower Upper
149 100
91 66.6 56.8 85.2
206 20.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 34.296 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:228 Resp: 1311167
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.9 15.8 23.6

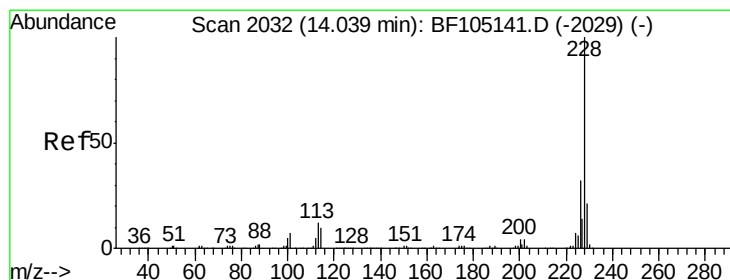
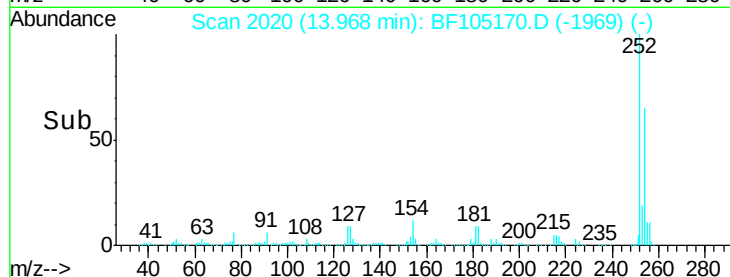
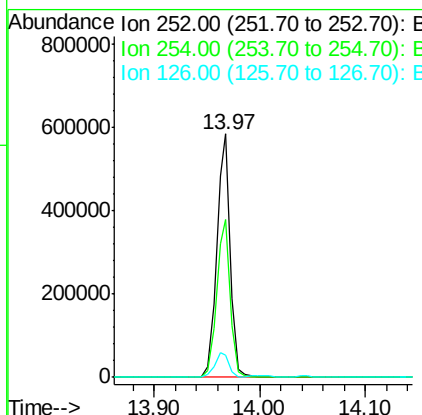
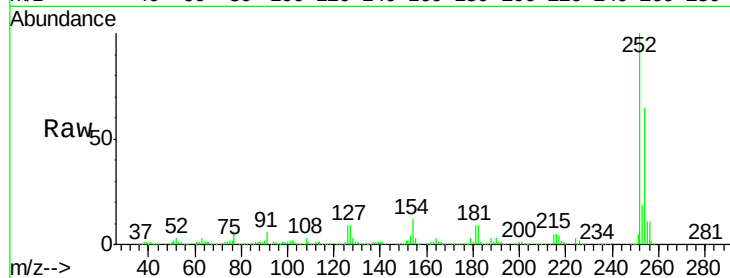




#81
 3,3'-Dichlorobenzidine
 Concen: 36.851 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

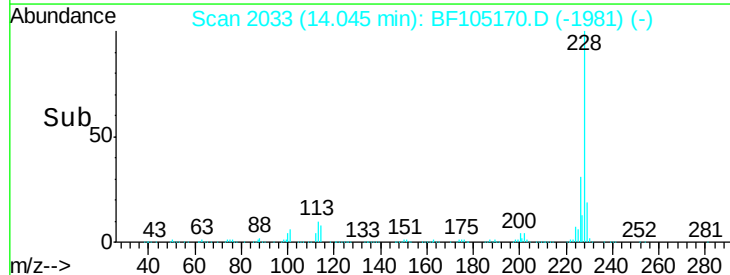
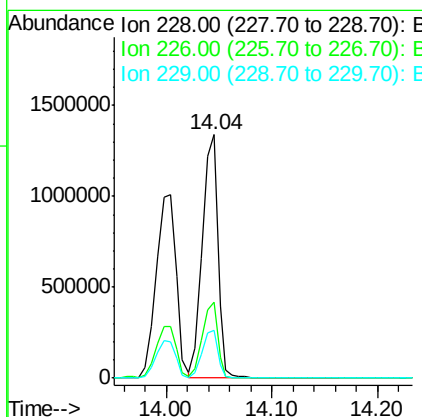
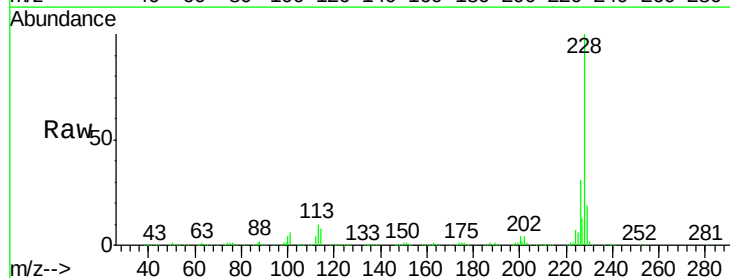
Instrument :
 BNA_F
 ClientSampleId :

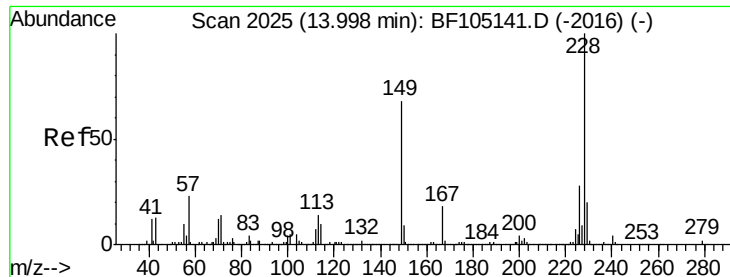
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	9.3	11.3	16.9#



#82
 Chrysene
 Concen: 34.664 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.084 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

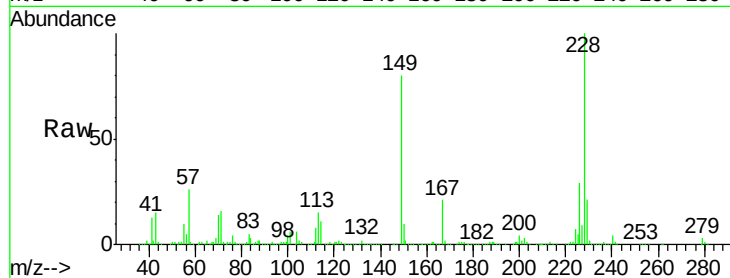
Tot Ion:149 Resp: 778813

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

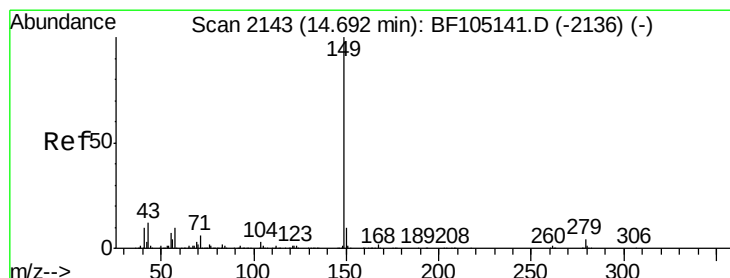
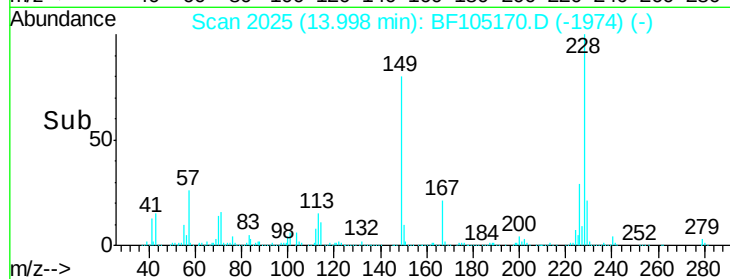
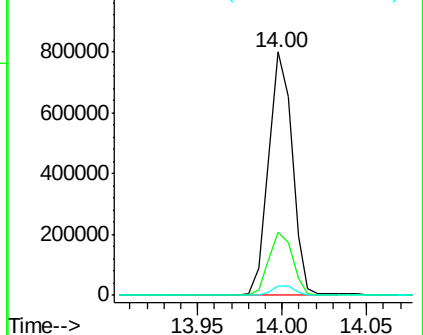
279 3.7 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 39.551 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

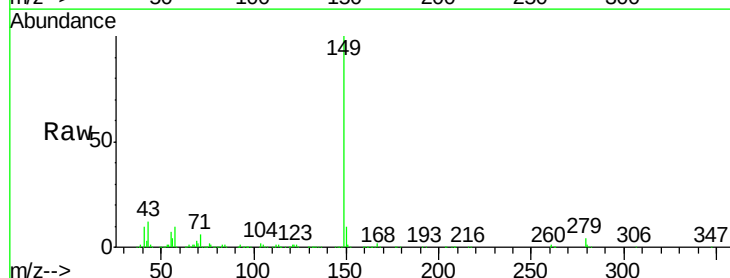
Tgt Ion:149 Resp: 1401629

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

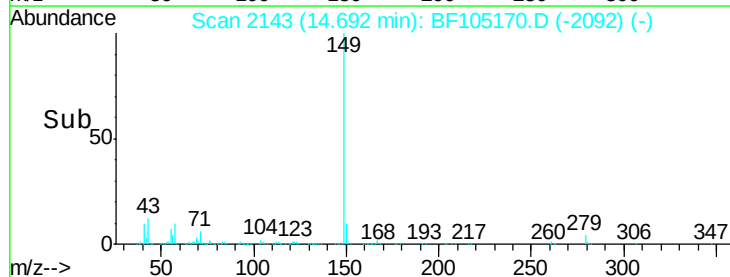
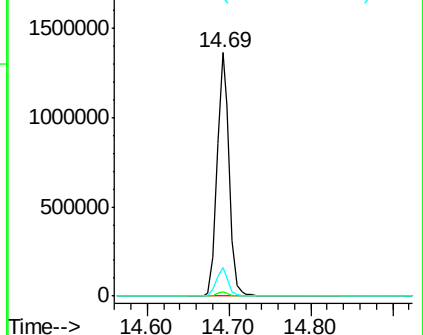
43 11.5 8.4 12.6

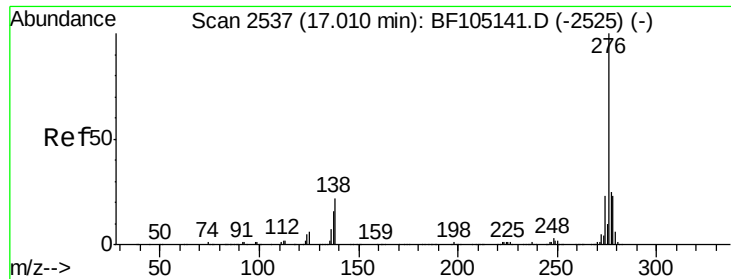


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.093 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

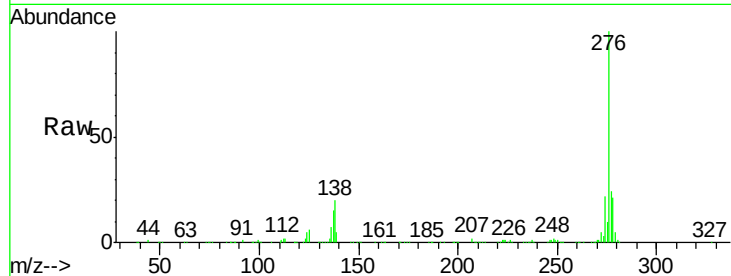
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1094950

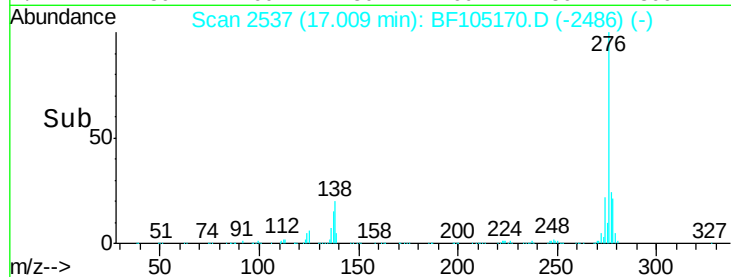
Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	25.4	20.1	30.1



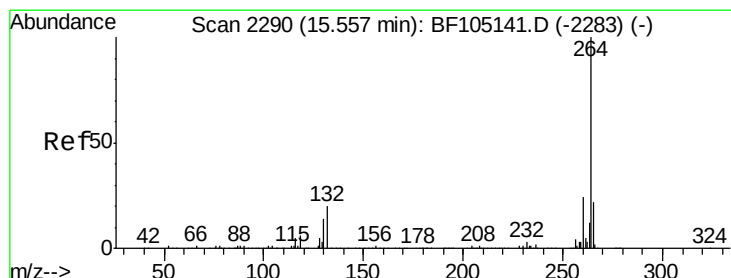
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

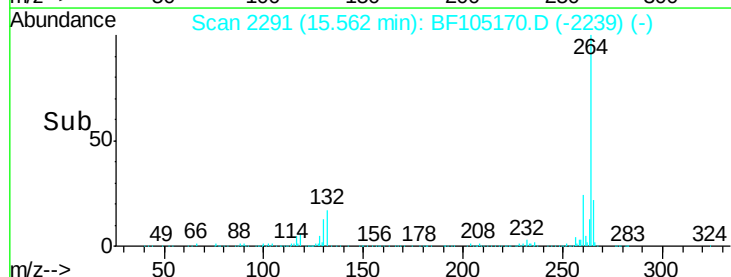
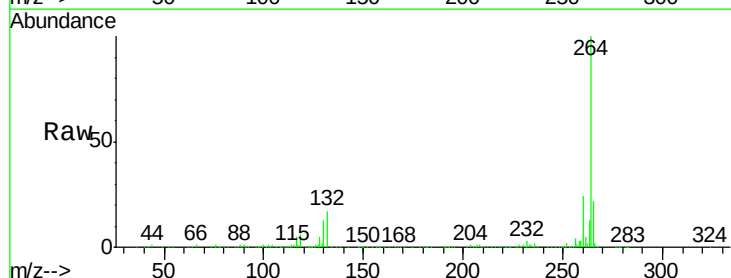
Tgt Ion:264 Resp: 584279

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

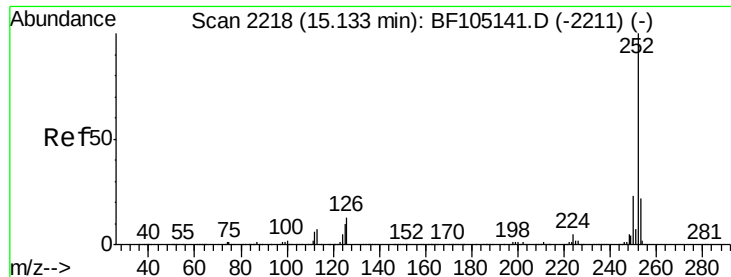
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



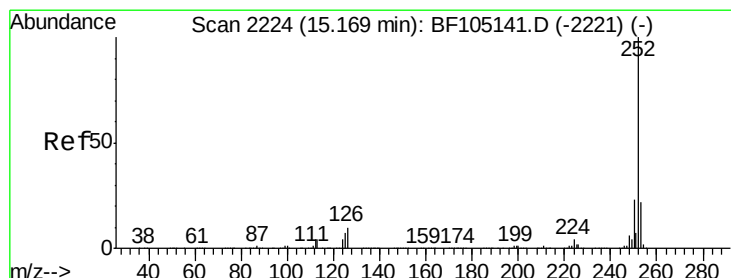
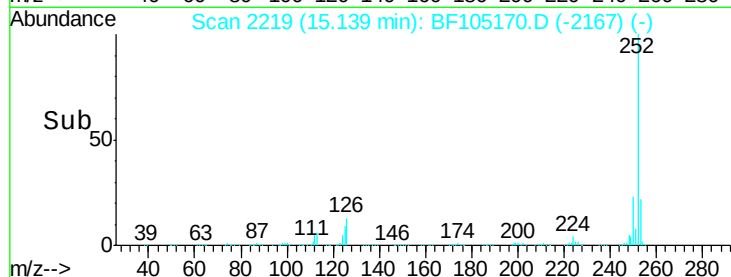
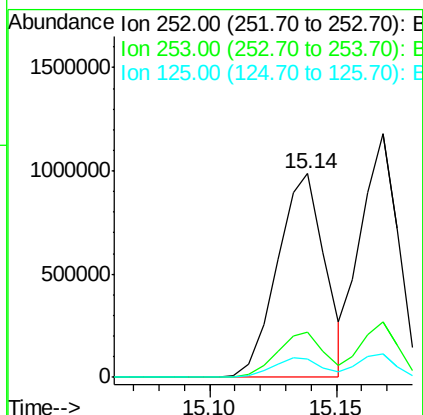
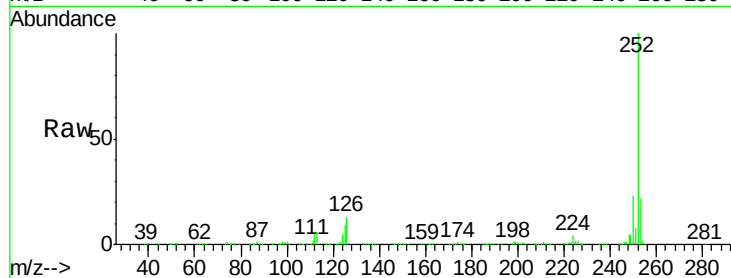
Time-->



#87
Benzo(b)fluoranthene
Concen: 36.133 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

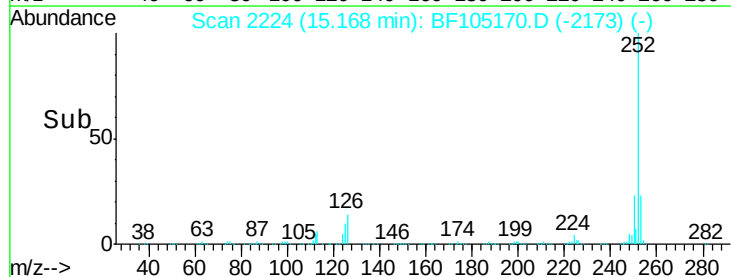
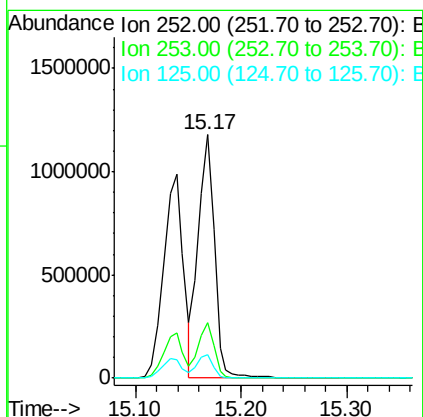
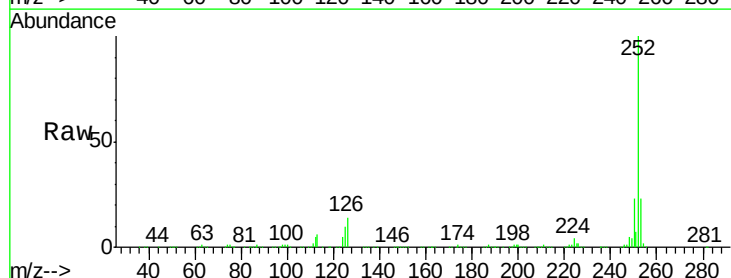
Instrument :
BNA_F
ClientSampleId :

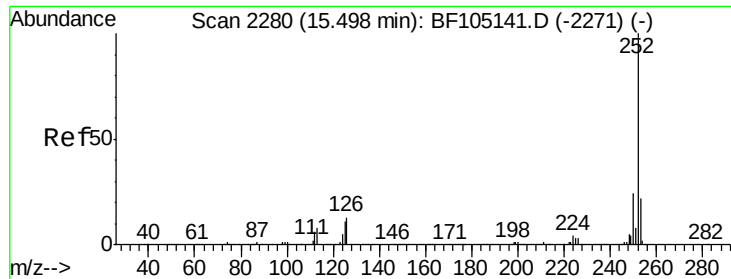
Tot Ion:252 Resp: 1291598
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.102 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:252 Resp: 1251344
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.7 10.2 15.2#

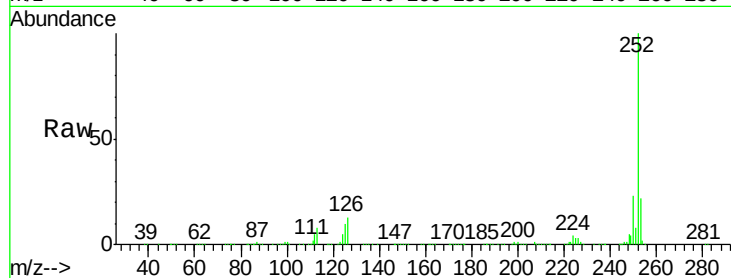




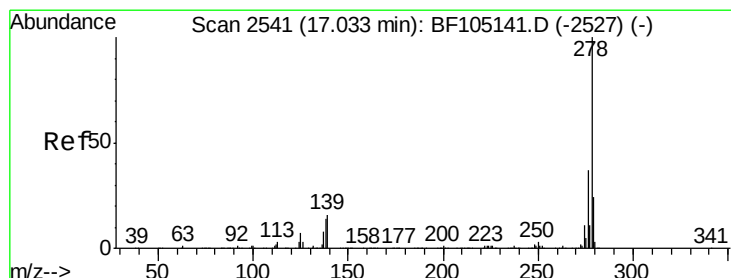
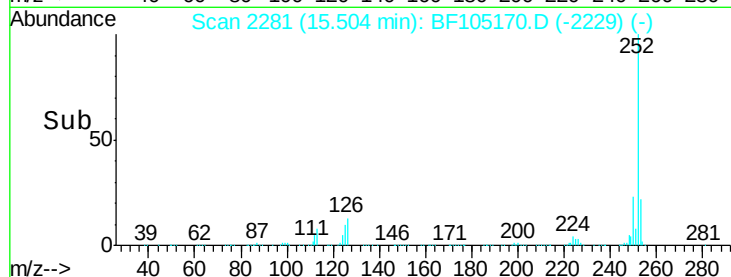
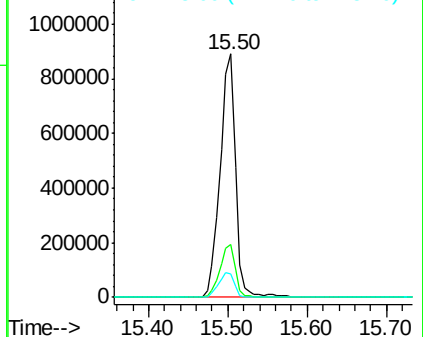
#89
Benzo(a)pyrene
Concen: 36.947 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1201154
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.7 9.8 14.6#

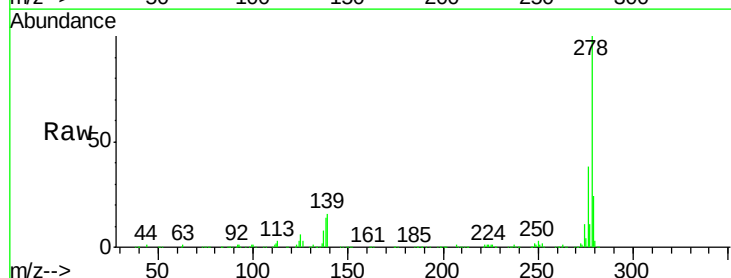


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

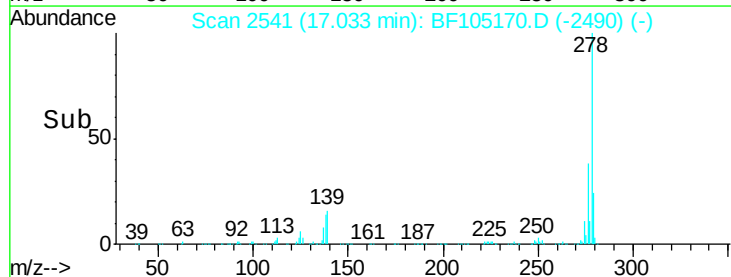
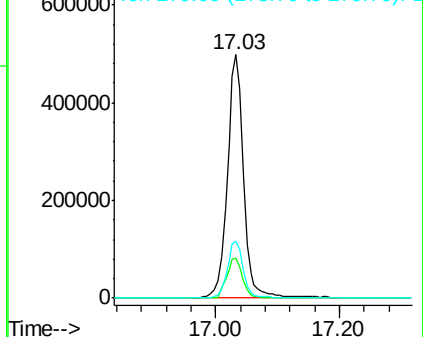


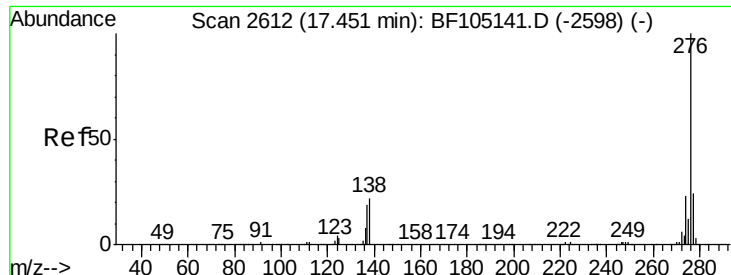
#90
Dibenzo(a,h)anthracene
Concen: 36.038 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion:278 Resp: 909973
Ion Ratio Lower Upper
278 100
139 16.2 15.9 23.9
279 23.5 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 35.964 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

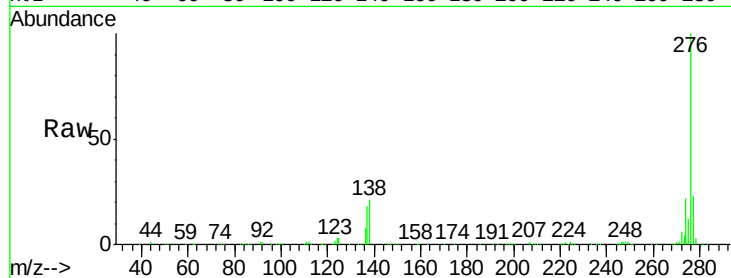
Tot Ion:276 Resp: 888411

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 21.3 21.8 32.8



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

