

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104955.D
 Acq On : 1 May 2018 2:06
 Operator : JU/SJ
 Sample : PB108668BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Quant Time: May 01 04:41:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110639	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	450544	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	196100	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	309094	20.00	ng	0.00
75) Chrysene-d12	13.97	240	204817	20.00	ng	0.00
86) Perylene-d12	15.43	264	167108	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	584209	80.74	ng	0.01
7) Phenol-d6	6.43	99	706499	79.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	622357	90.20	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	153950	75.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1125633	90.68	ng	0.00
78) Terphenyl-d14	12.91	244	838002	93.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	103358	30.656	ng	# 87
3) Pyridine	3.32	79	292008	30.805	ng	85
4) n-Nitrosodimethylamine	3.30	42	118044	35.624	ng	81
6) Aniline	6.46	93	142319	11.522	ng	# 84
8) 2-Chlorophenol	6.58	128	307872	40.313	ng	91
9) Benzaldehyde	6.34	77	99029	18.203	ng	95
10) Phenol	6.45	94	360523	38.219	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	277099	36.811	ng	94
12) 1,3-Dichlorobenzene	6.73	146	318372	36.797	ng	100
13) 1,4-Dichlorobenzene	6.81	146	323349	37.492	ng	98
14) 1,2-Dichlorobenzene	6.96	146	302121	37.801	ng	99
15) Benzyl Alcohol	6.94	79	236421	35.012	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	318362	31.492	ng	# 45
17) 2-Methylphenol	7.06	107	244318	36.803	ng	# 92
18) Hexachloroethane	7.30	117	102682	33.392	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	194276	33.441	ng	92
20) 3+4-Methylphenols	7.21	107	311538	37.838	ng	# 79
22) Acetophenone	7.20	105	403384	36.367	ng	99
24) Nitrobenzene	7.38	77	296934	38.979	ng	96
25) Isophorone	7.62	82	542284	37.167	ng	99
26) 2-Nitrophenol	7.69	139	149389	48.171	ng	96
27) 2,4-Dimethylphenol	7.73	122	260026	40.381	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	355230	39.820	ng	99
29) 2,4-Dichlorophenol	7.94	162	248018	40.367	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	256537	38.046	ng	100
31) Naphthalene	8.10	128	846491	37.731	ng	99
32) Benzoic acid	7.87	122	109657	21.343	ng	96
33) 4-Chloroaniline	8.15	127	72192	7.511	ng	98
34) Hexachlorobutadiene	8.20	225	140557	38.057	ng	99
35) Caprolactam	8.53	113	76370	35.631	ng	# 72
36) 4-Chloro-3-methylphenol	8.65	107	257638	39.107	ng	98
37) 2-Methylnaphthalene	8.79	142	561984	38.726	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	241906	43.094	ng	98
40) Hexachlorocyclopentadiene	8.93	237	46545	14.811	ng	96

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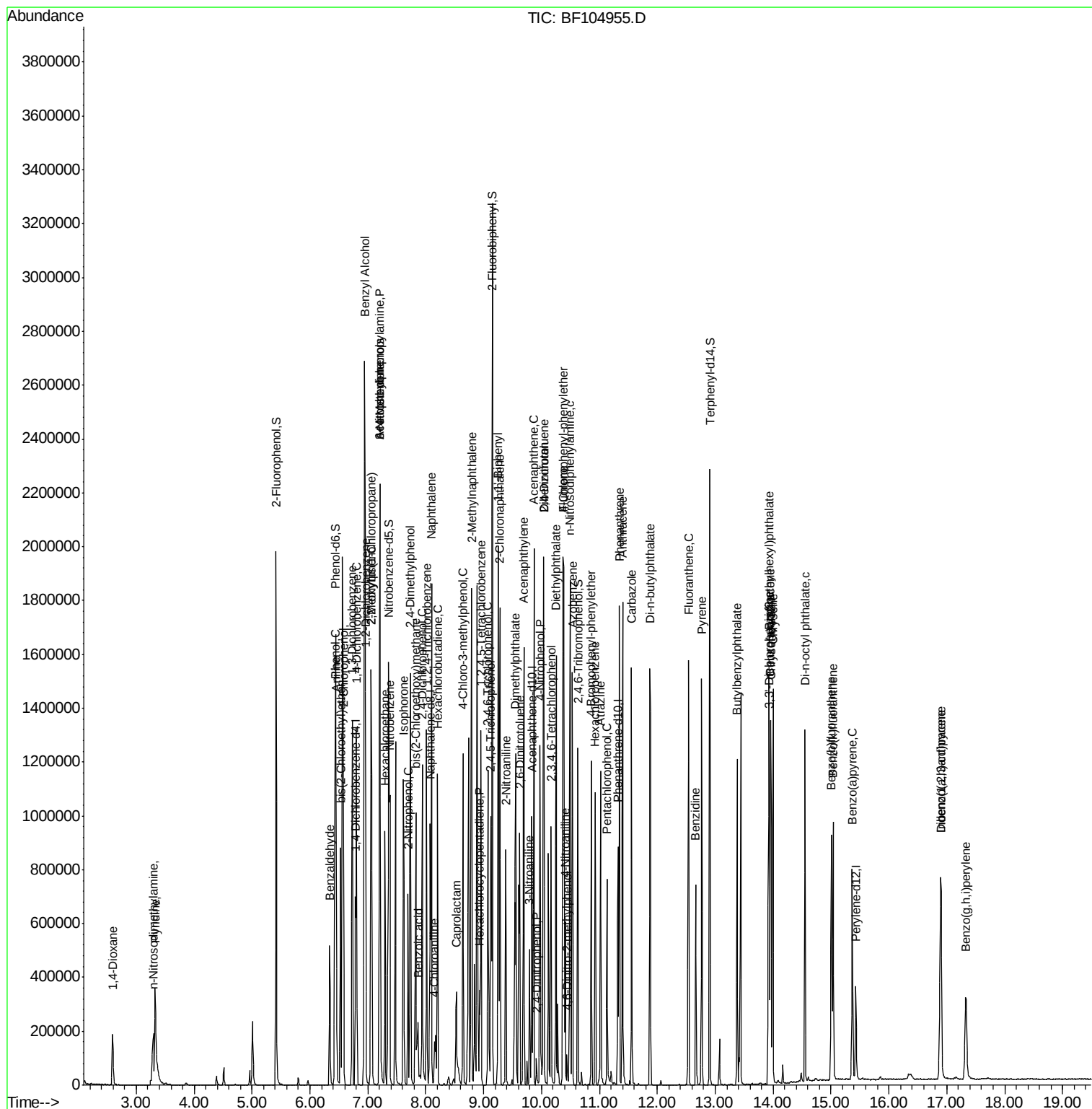
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	159568	40.948	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	168146	38.560	nq	93
45) 1,1'-Biphenyl	9.25	154	657140	39.890	nq	99
46) 2-Chloronaphthalene	9.28	162	507378	38.993	nq	99
47) 2-Nitroaniline	9.39	65	148267	46.076	nq	86
48) Acenaphthylene	9.70	152	742391	36.364	nq	99
49) Dimethylphthalate	9.55	163	627630	40.586	nq	100
50) 2,6-Dinitrotoluene	9.63	165	130998	45.780	nq	# 83
51) Acenaphthene	9.87	154	438099	35.171	nq	99
52) 3-Nitroaniline	9.79	138	80708	24.093	nq	98
53) 2,4-Dinitrophenol	9.91	184	16859	23.912	nq	# 24
54) Dibenzofuran	10.04	168	643748	37.084	nq	98
55) 4-Nitrophenol	9.97	139	154396	58.673	nq	98
56) 2,4-Dinitrotoluene	10.03	165	152232	40.559	nq	# 96
57) Fluorene	10.38	166	509747	40.343	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	115196	35.410	nq	96
59) Diethylphthalate	10.25	149	582778	37.840	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	241493	42.916	nq	95
61) 4-Nitroaniline	10.41	138	118398	36.147	nq	98
62) Azobenzene	10.53	77	504139	34.263	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	17143	16.992	nq	# 71
65) n-Nitrosodiphenylamine	10.49	169	460946	43.010	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	144818	44.047	nq	91
67) Hexachlorobenzene	10.93	284	154250	41.696	nq	# 84
68) Atrazine	11.02	200	142978	44.198	nq	100
69) Pentachlorophenol	11.13	266	107543	46.990	nq	97
70) Phenanthrene	11.35	178	666194	38.702	nq	98
71) Anthracene	11.40	178	692943	39.602	nq	99
72) Carbazole	11.56	167	602106	35.215	nq	100
73) Di-n-butylphthalate	11.87	149	834946	39.976	nq	99
74) Fluoranthene	12.54	202	601636	33.453	nq	98
76) Benzidine	12.66	184	296127	43.790	nq	98
77) Pyrene	12.77	202	591484	38.960	nq	99
79) Butylbenzylphthalate	13.38	149	288465	40.332	nq	93
80) Benzo(a)anthracene	13.96	228	510809	41.746	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	165422	36.259	nq	97
82) Chrysene	14.00	228	486218	38.686	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	400385	43.522	nq	99
84) Di-n-octyl phthalate	14.55	149	655363	42.634	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.90	276	360781	33.792	nq	95
87) Benzo(b)fluoranthene	15.01	252	443565	42.027	nq	98
88) Benzo(k)fluoranthene	15.04	252	414167	41.566	nq	98
89) Benzo(a)pyrene	15.37	252	391463	41.453	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	311678	40.186	nq	95
91) Benzo(g,h,i)perylene	17.33	276	290872	38.710	nq	95

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

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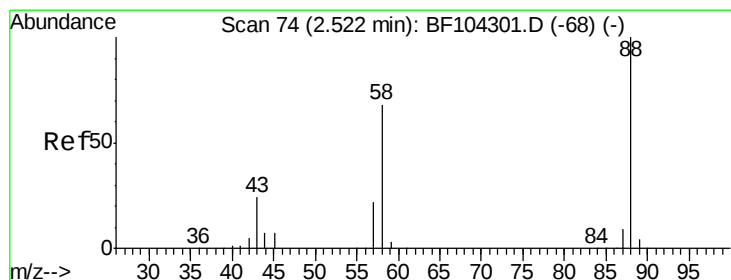
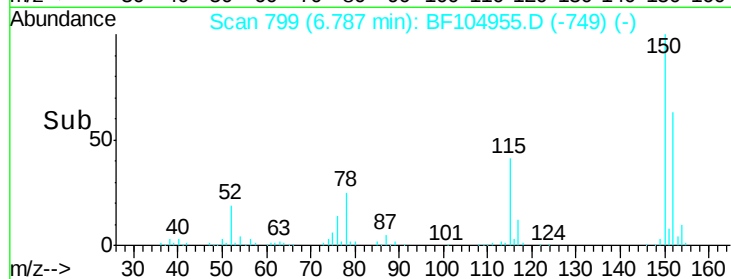
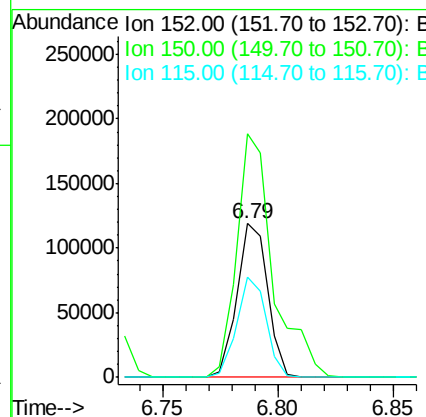
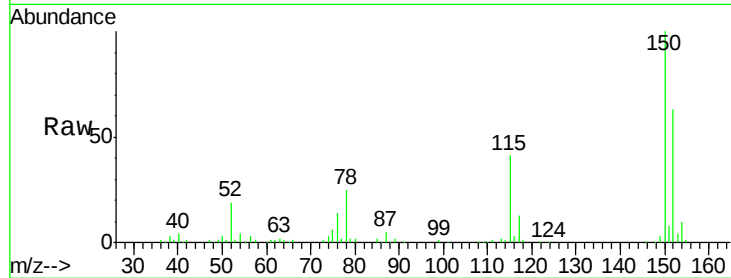




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

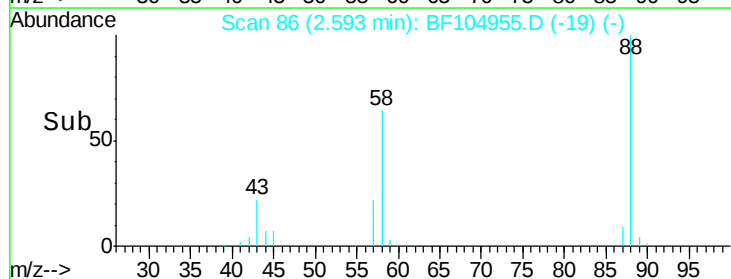
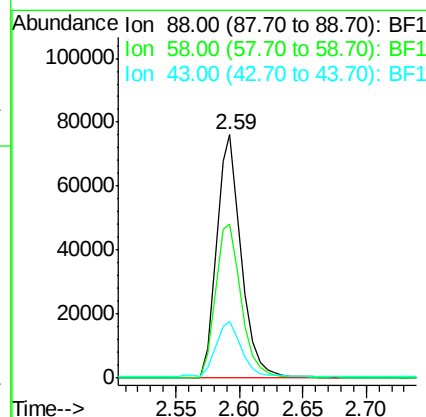
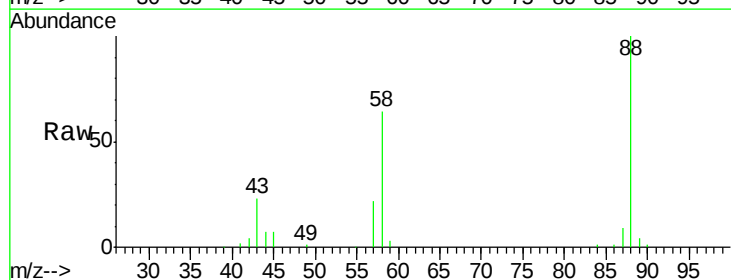
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

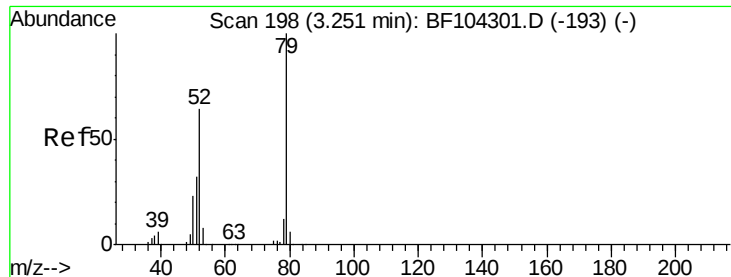
Tot Ion:152 Resp: 110639
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 65.7 50.1 75.1



#2
 1,4-Dioxane
 Concen: 30.656 ng
 RT: 2.59 min Scan# 86
 Delta R.T. 0.09 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion: 88 Resp: 103358
 Ion Ratio Lower Upper
 88 100
 58 66.4 62.6 93.8
 43 24.1 24.6 37.0#





#3

Pvridine

Concen: 30.805 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.09 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

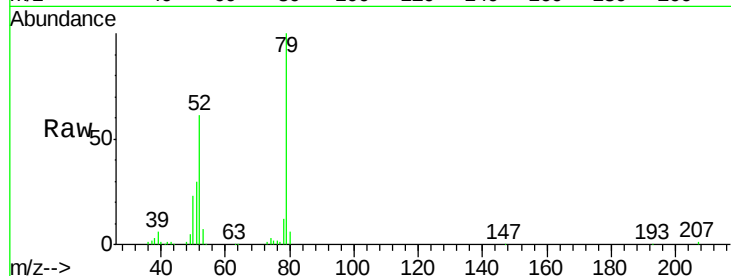
Tot Ion: 79 Resp: 292008

Ion Ratio Lower Upper

79 100

52 60.8 59.8 89.6

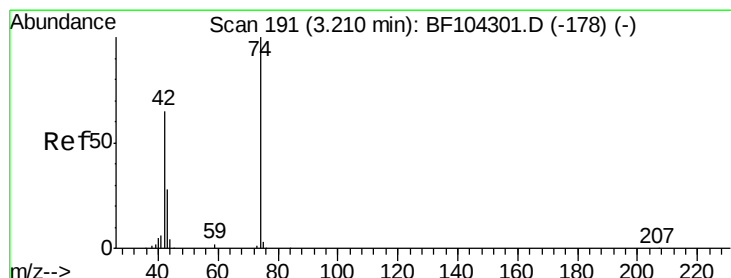
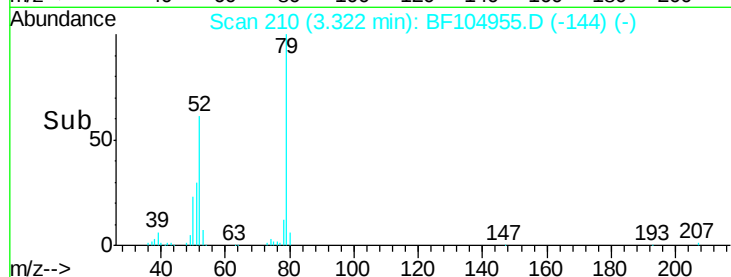
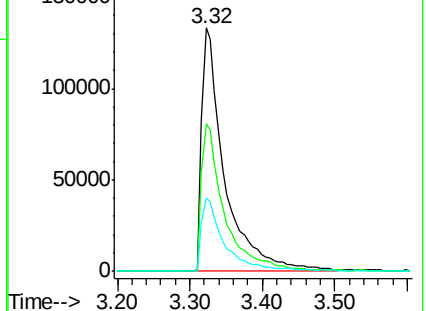
51 30.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.624 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.09 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

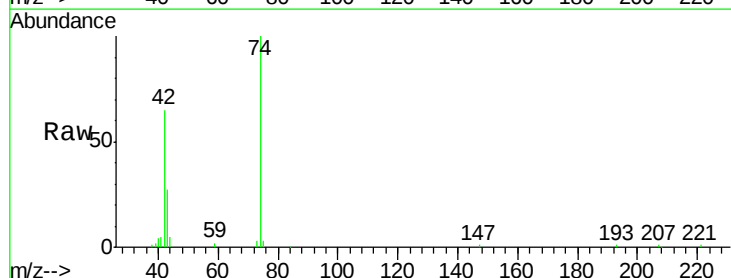
Tgt Ion: 42 Resp: 118044

Ion Ratio Lower Upper

42 100

74 154.3 104.9 157.3

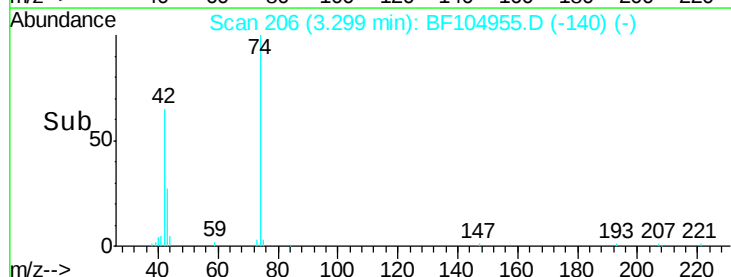
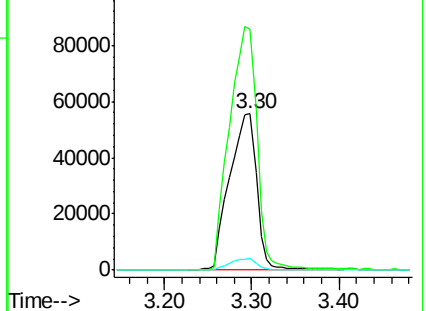
44 7.3 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

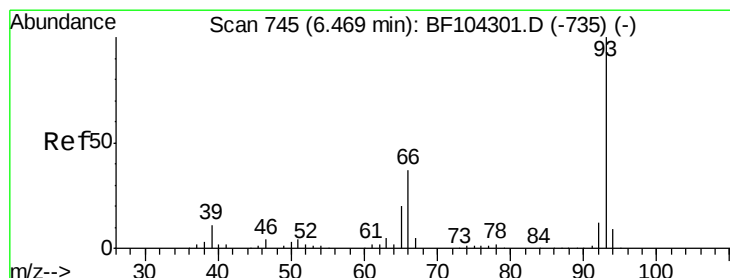
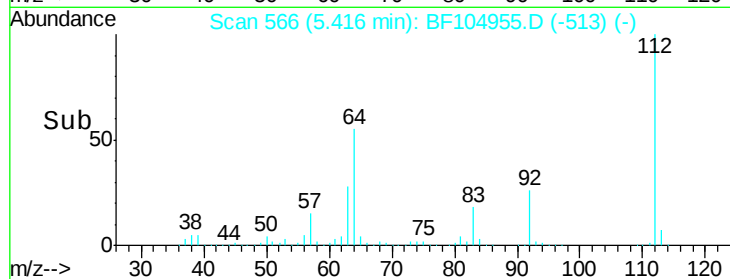
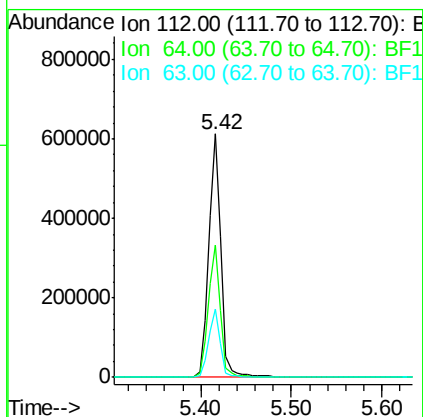
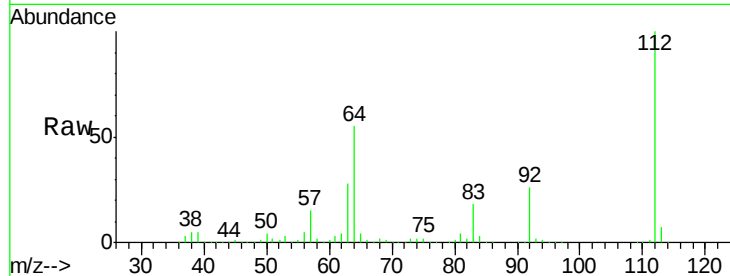




#5
 2-Fluorophenol
 Concen: 80.739 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

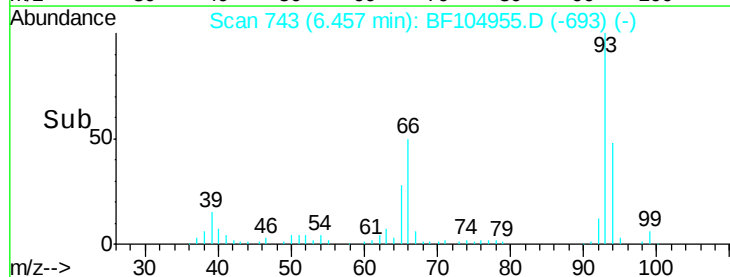
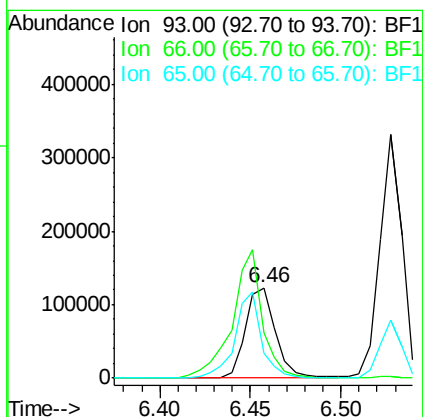
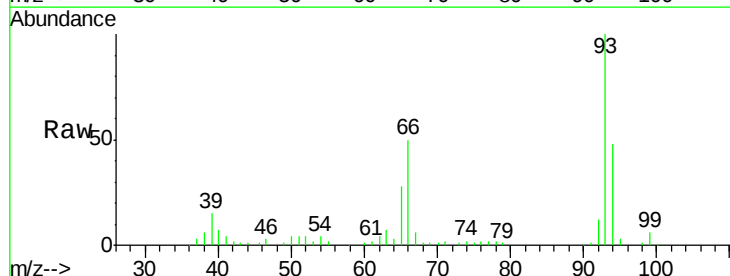
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Tot Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	27.8	23.7	35.5



#6
 Aniline
 Concen: 11.522 ng
 RT: 6.46 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion	Ratio	Lower	Upper
93	100		
66	50.2	32.2	48.2#
65	27.6	16.4	24.6#





#7

Phenol-d6

Concen: 79.468 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

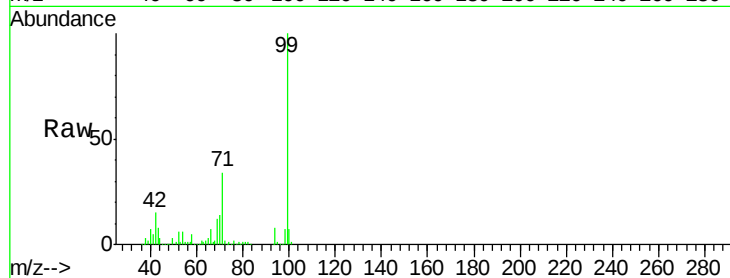
Tot Ion: 99 Resp: 706499

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

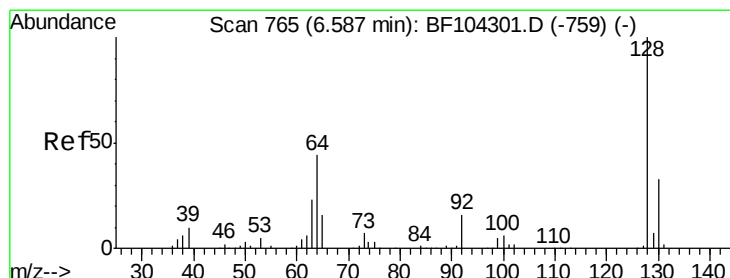
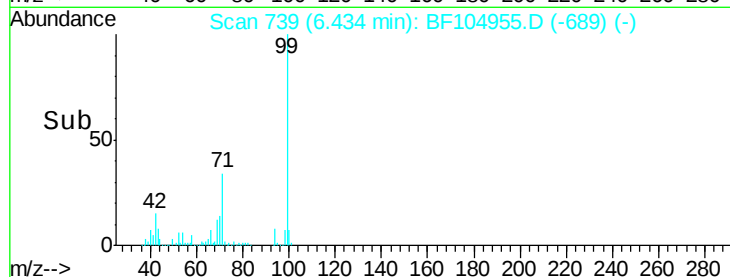
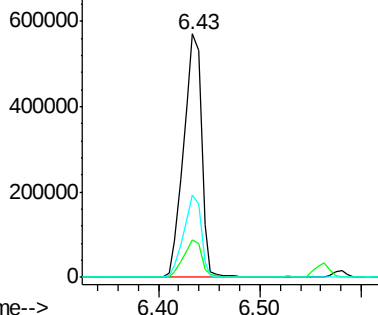
71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.313 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

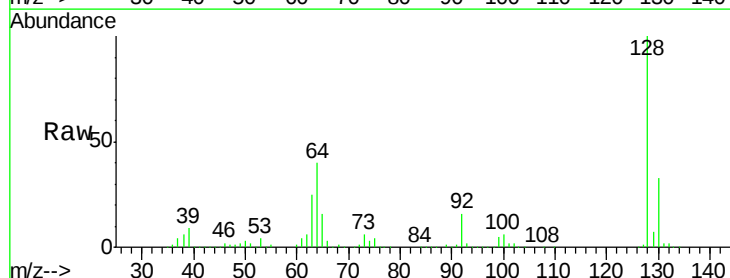
Tgt Ion: 128 Resp: 307872

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

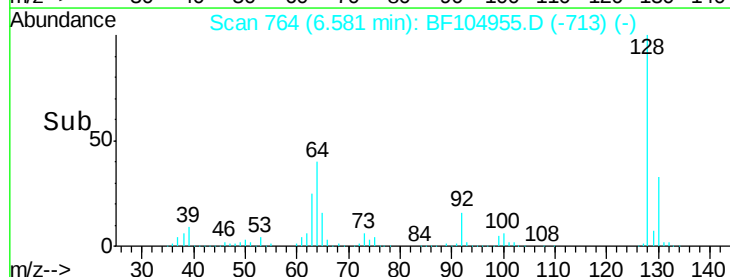
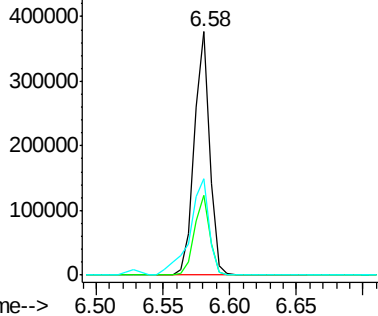
64 39.8 29.4 69.4

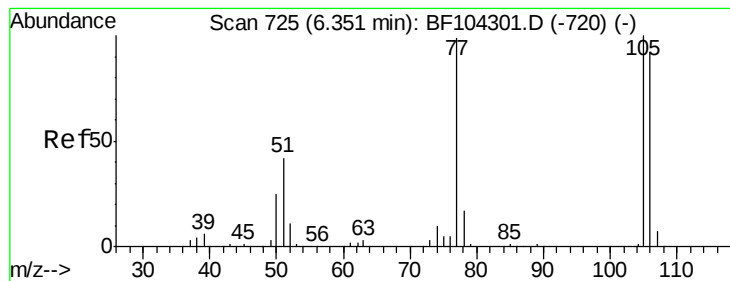


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.203 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

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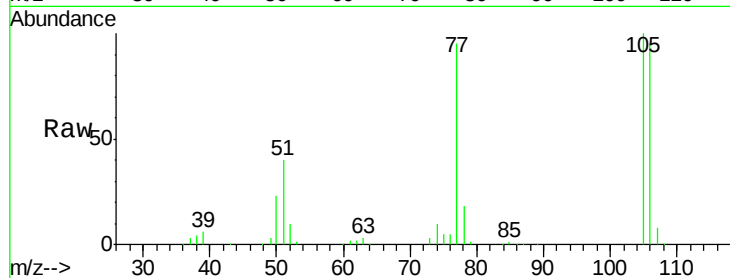
Tot Ion: 77 Resp: 99029

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

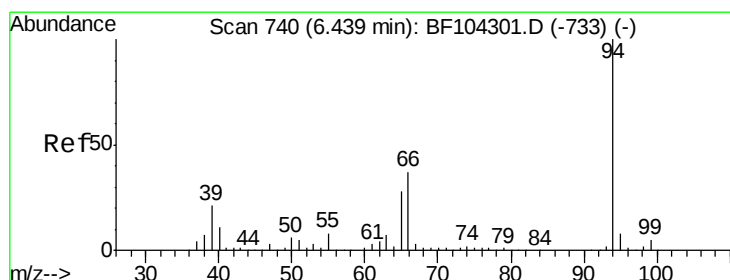
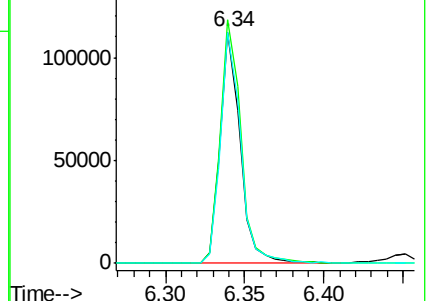
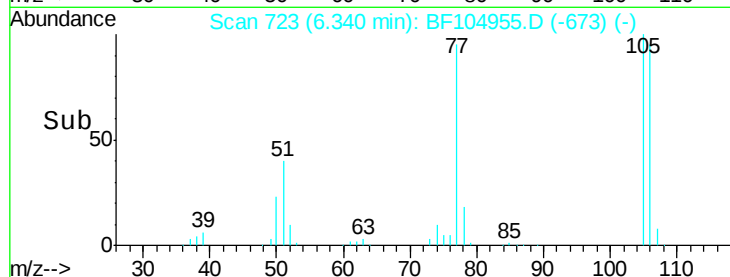
106 99.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.219 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

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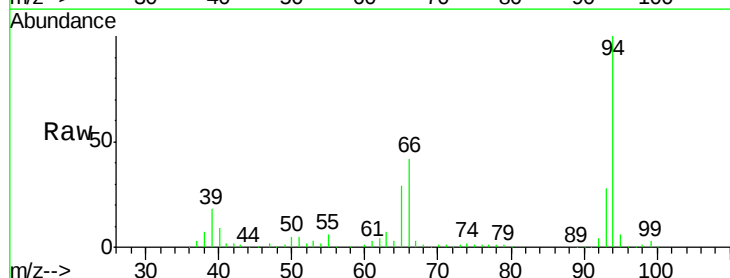
Tgt Ion: 94 Resp: 360523

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

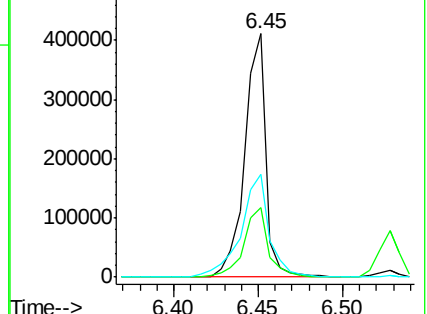
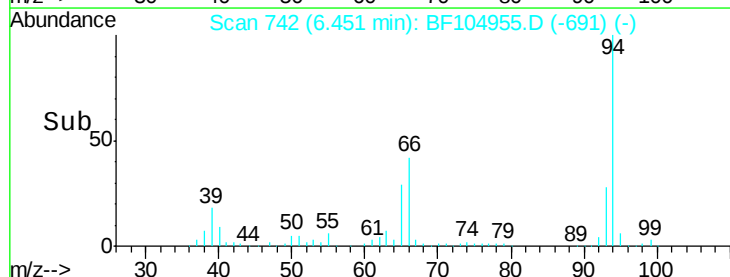
66 42.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

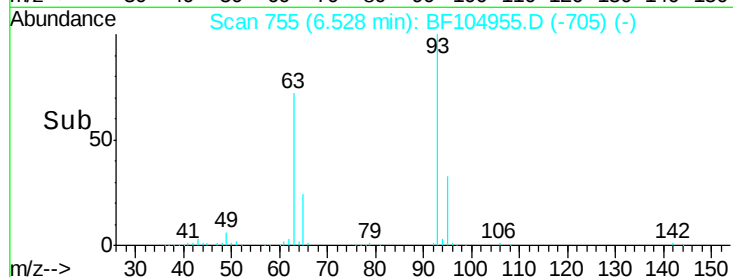
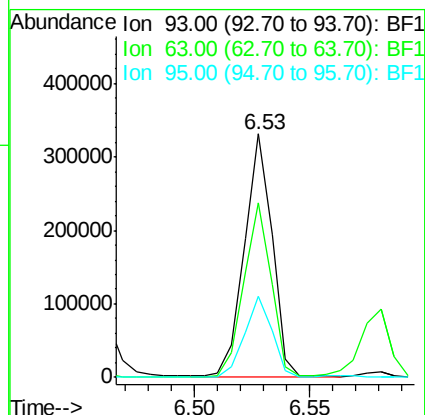
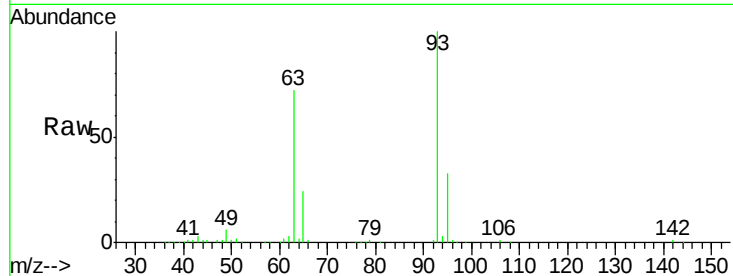




#11
 bis(2-Chloroethyl)ether
 Concen: 36.811 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

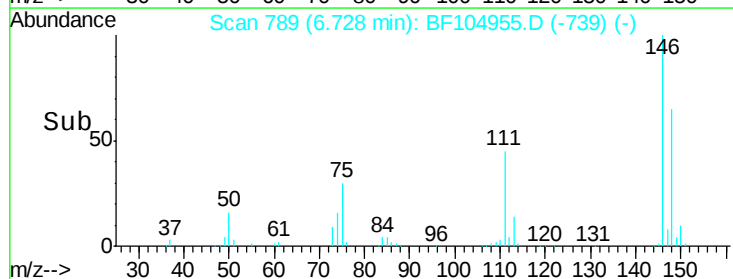
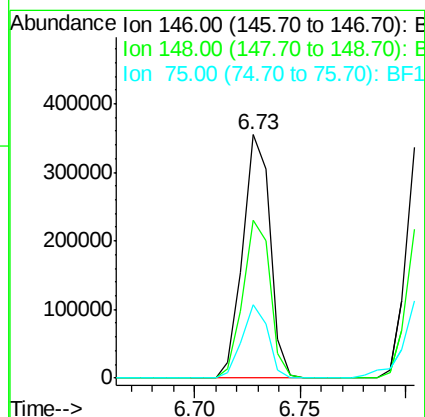
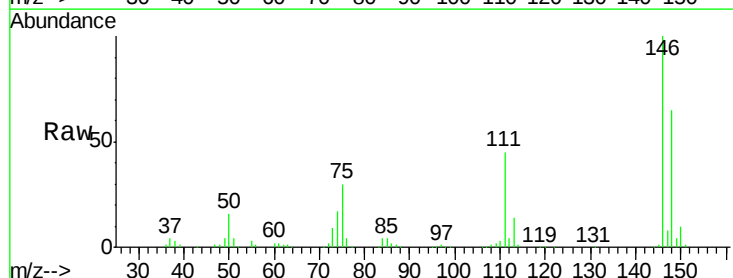
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion: 93 Resp: 277099
 Ion Ratio Lower Upper
 93 100
 63 71.7 58.6 98.6
 95 33.2 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 36.797 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion: 146 Resp: 318372
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.8
 75 30.3 24.2 36.4

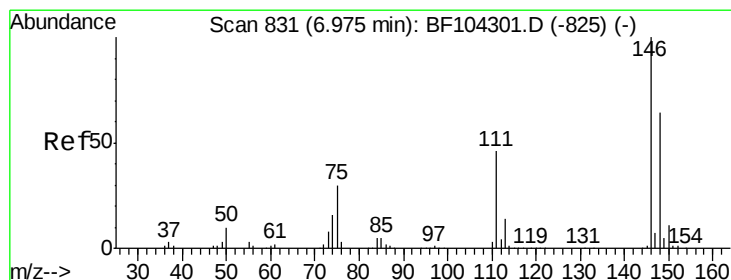
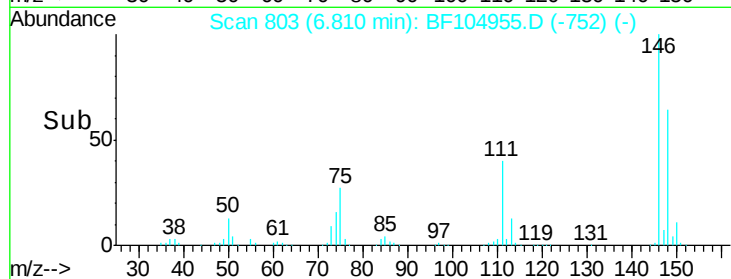
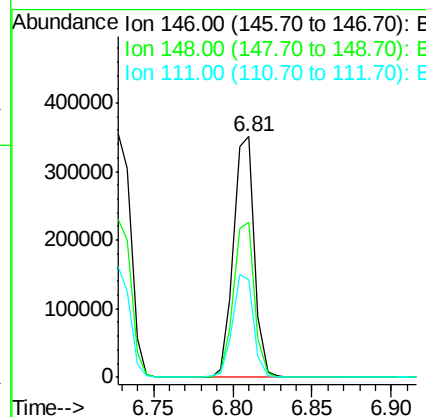
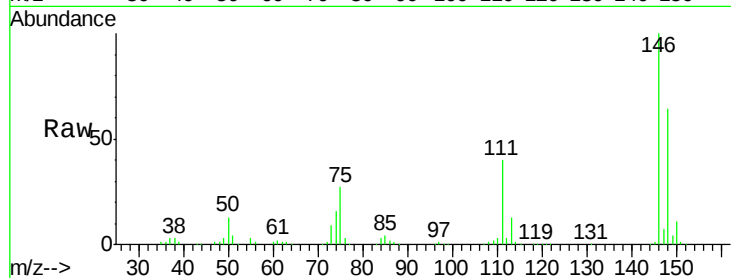




#13
 1,4-Dichlorobenzene
 Concen: 37.492 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

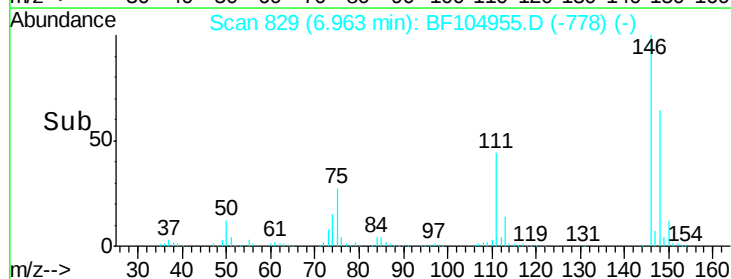
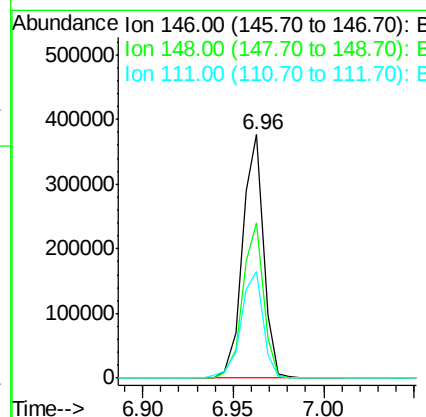
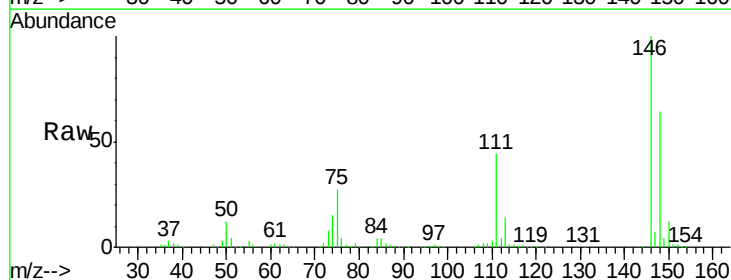
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

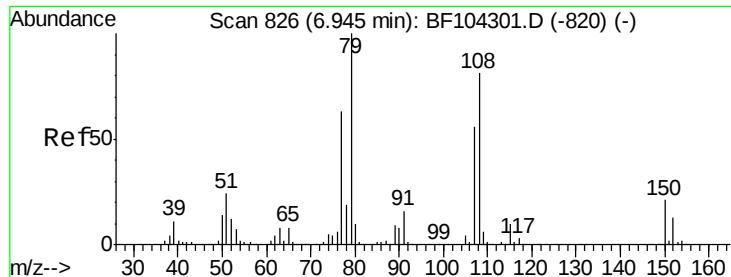
Tot Ion:146 Resp: 323349
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 40.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.801 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion:146 Resp: 302121
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 43.6 36.0 54.0

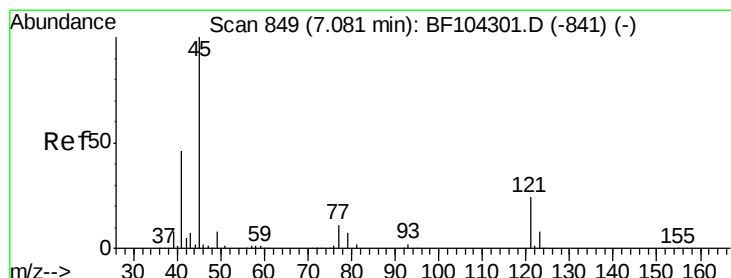
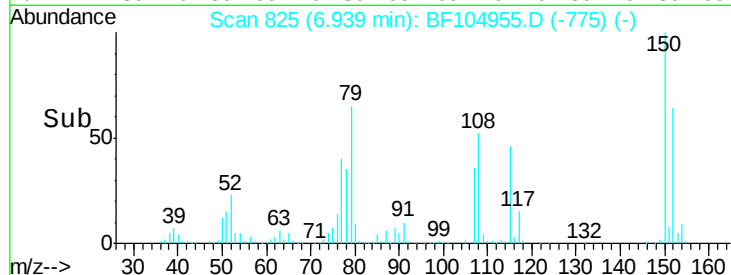
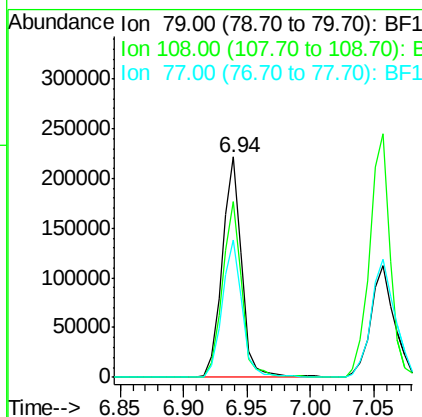
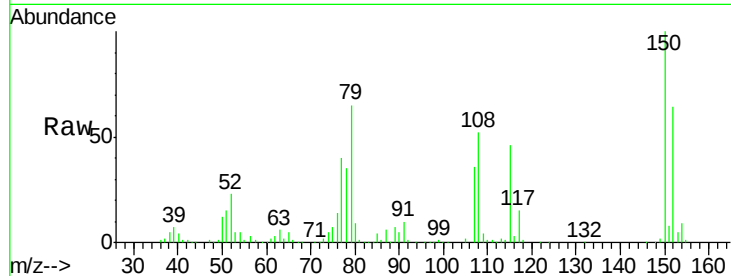




#15
Benzyl Alcohol
Concen: 35.012 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

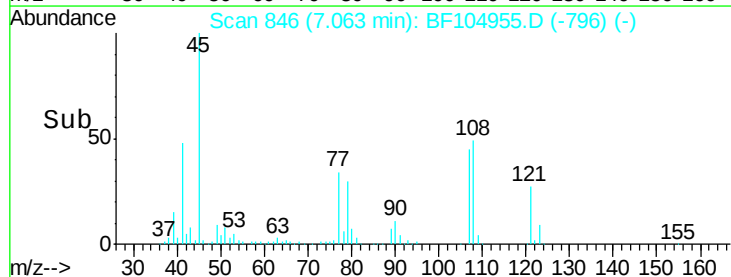
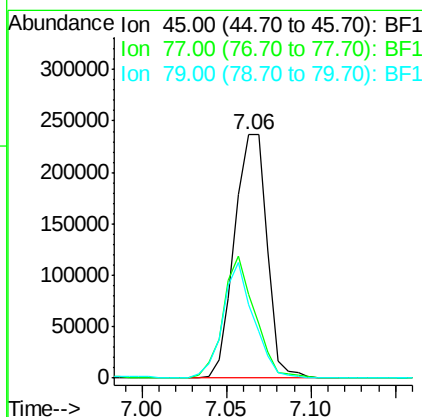
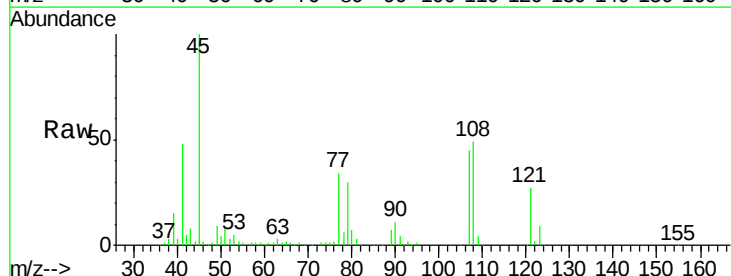
Instrument :
BNA_F
ClientSampleID :
PB108668BS

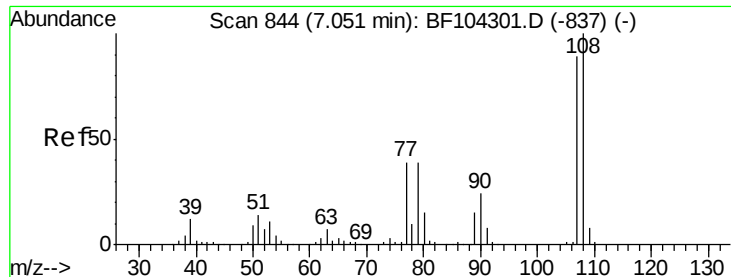
Tot Ion: 79 Resp: 236421
Ion Ratio Lower Upper
79 100
108 79.8 65.1 97.7
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.492 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion: 45 Resp: 318362
Ion Ratio Lower Upper
45 100
77 34.3 0.0 32.9#
79 30.2 0.0 29.6#

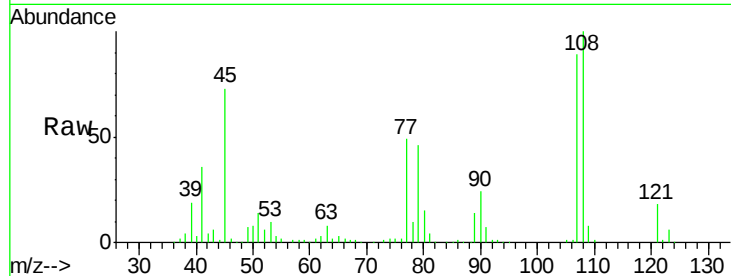




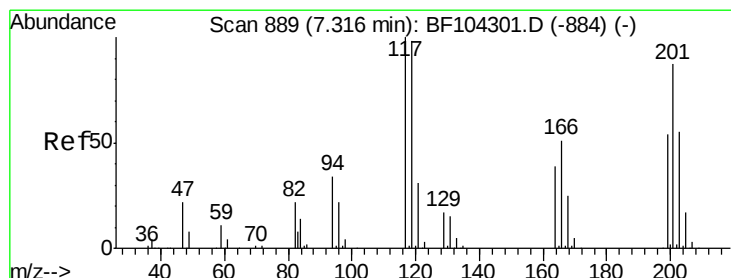
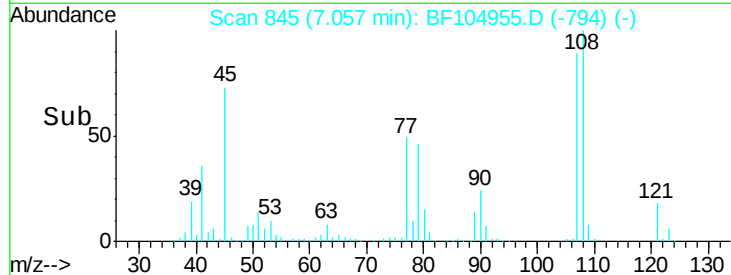
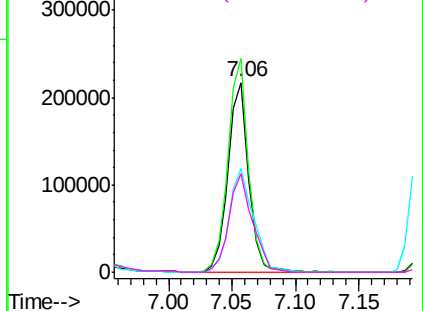
#17
2-Methylphenol
Concen: 36.803 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Instrument :
BNA_F
ClientSampleId :
PB108668BS

Tot Ion:107 Resp: 244318
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 54.7 33.8 50.8#
79 51.6 33.8 50.8#

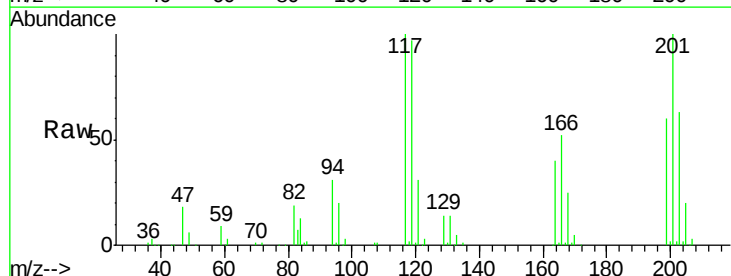


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

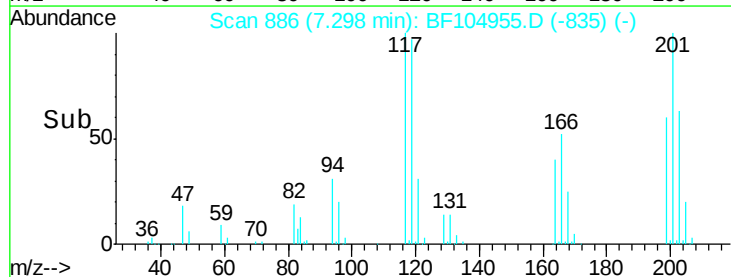
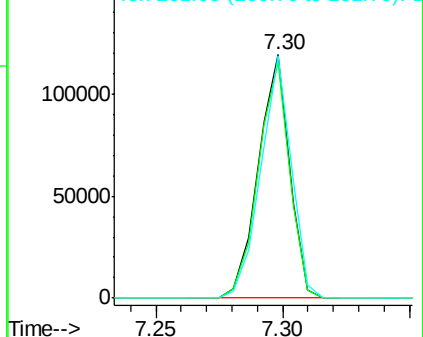


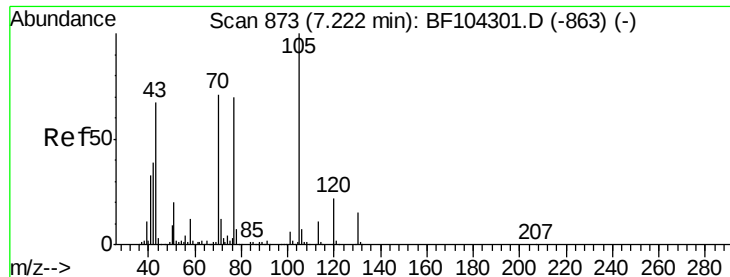
#18
Hexachloroethane
Concen: 33.392 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:117 Resp: 102682
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 99.8 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

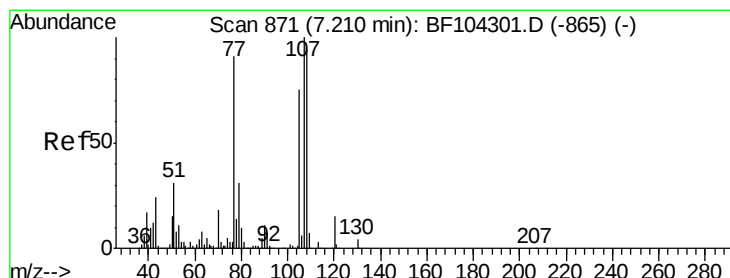
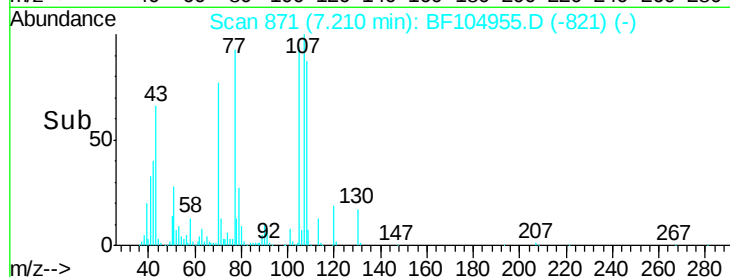
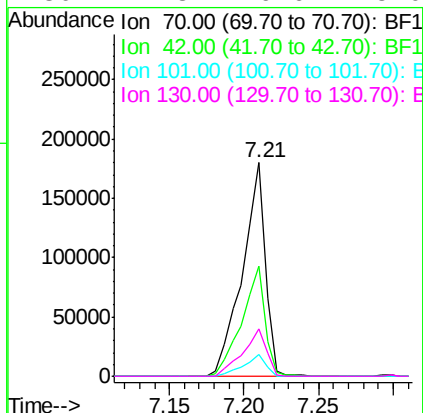
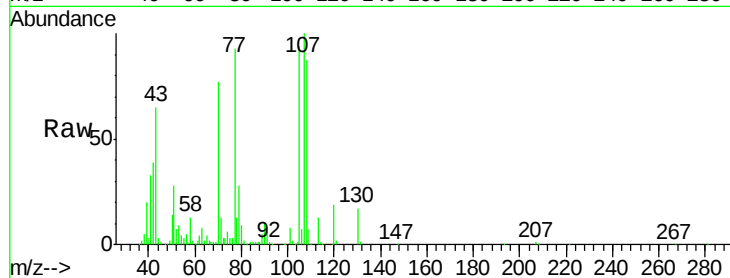




#19
n-Nitroso-di-n-propylamine
Concen: 33.441 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

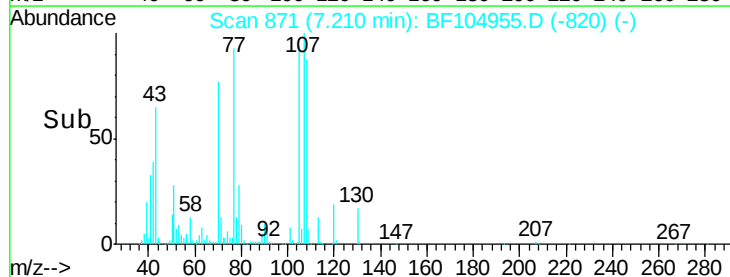
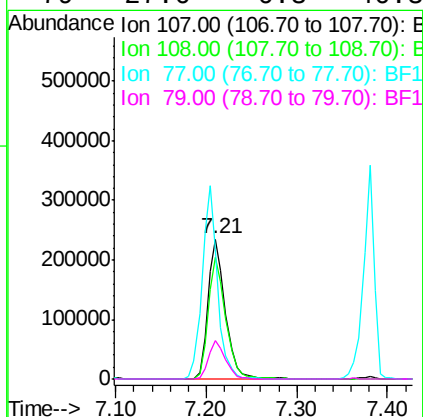
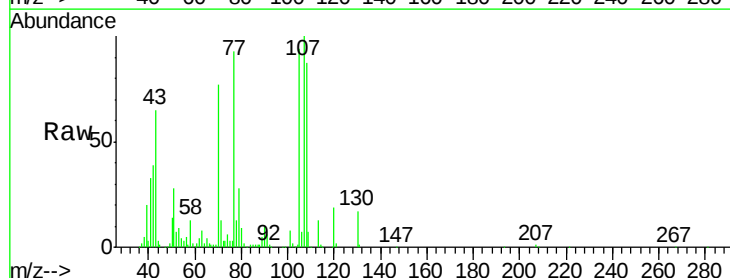
Instrument :
BNA_F
ClientSampleId :
PB108668BS

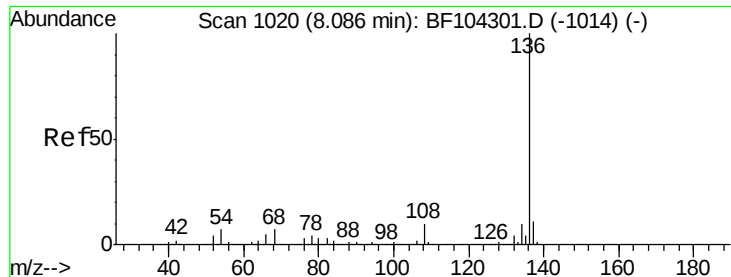
Tot Ion: 70 Resp: 194276
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 9.9 7.4 11.2
130 22.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.838 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion: 107 Resp: 311538
Ion Ratio Lower Upper
107 100
108 87.2 68.2 108.2
77 92.7 26.7 66.7#
79 27.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

Tot Ion:136 Resp: 450544

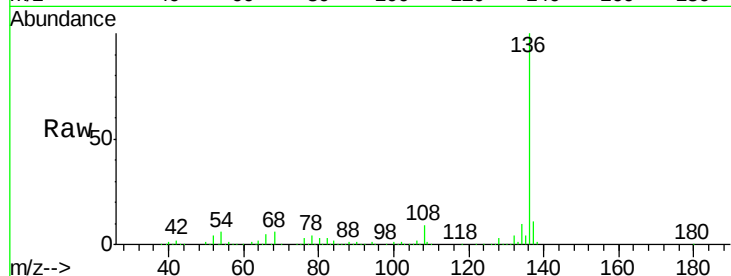
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.2 6.6 9.8#

68 5.7 5.0 7.4

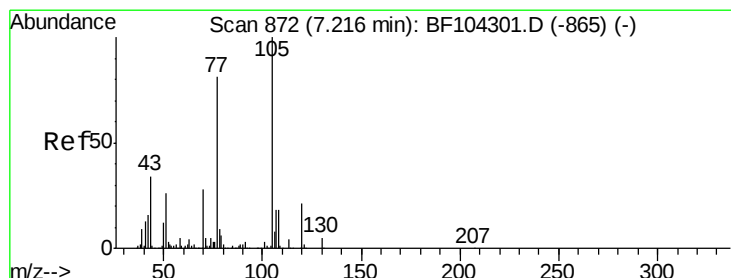
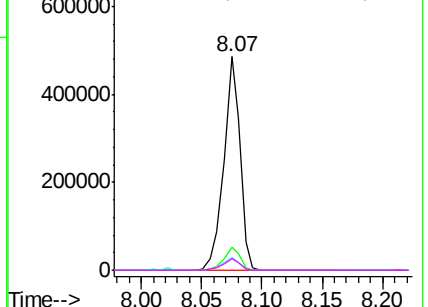
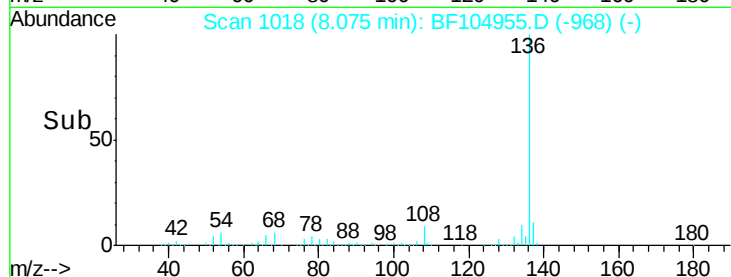


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.367 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Tgt Ion:105 Resp: 403384

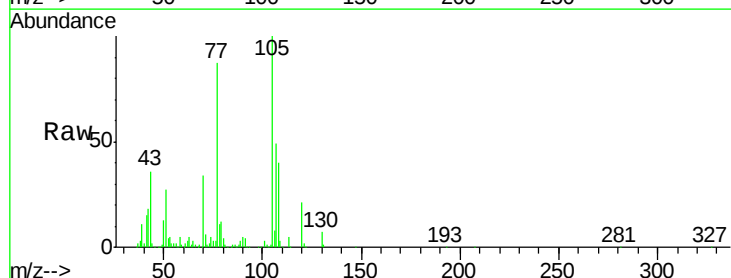
Ion Ratio Lower Upper

105 100

71 5.9 4.4 6.6

51 27.4 22.3 33.5

120 21.4 16.9 25.3

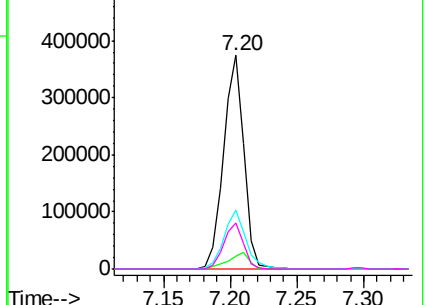
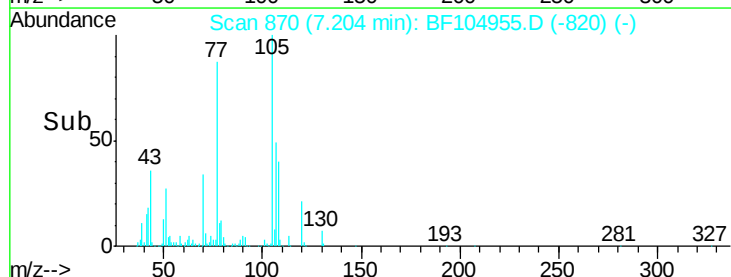


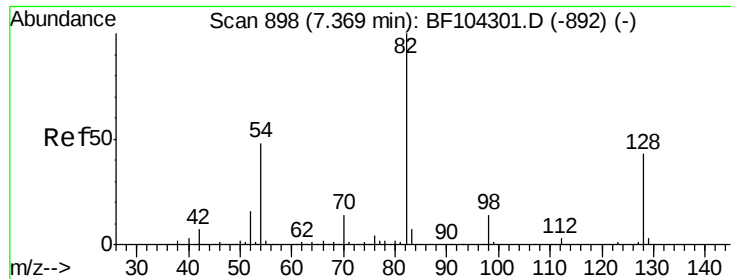
Abundance Ion 105.00 (104.70 to 105.70): E

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

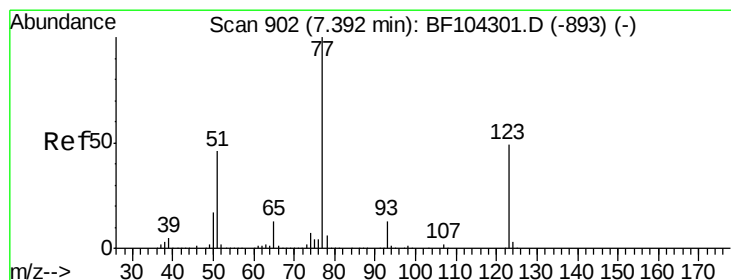
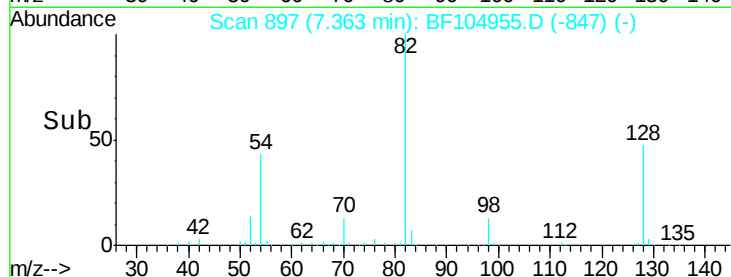
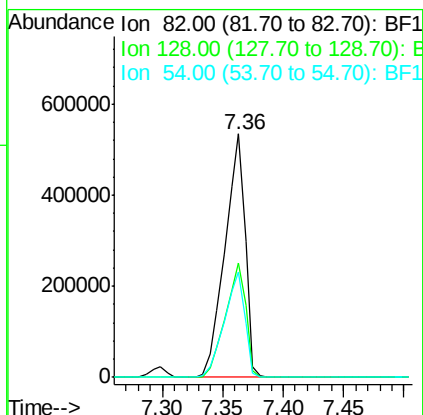
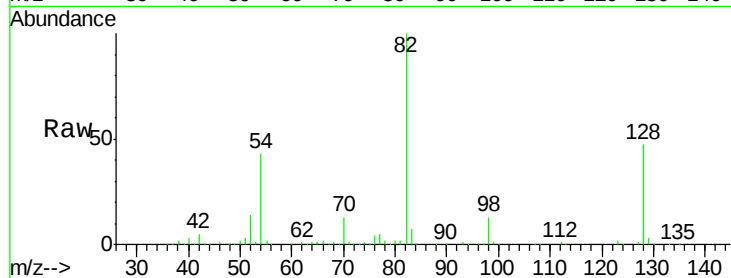




#23
 Nitrobenzene-d5
 Concen: 90.199 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

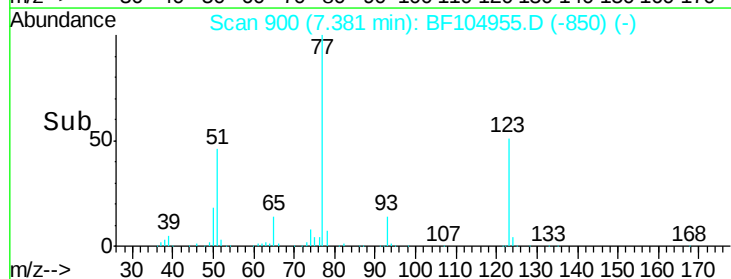
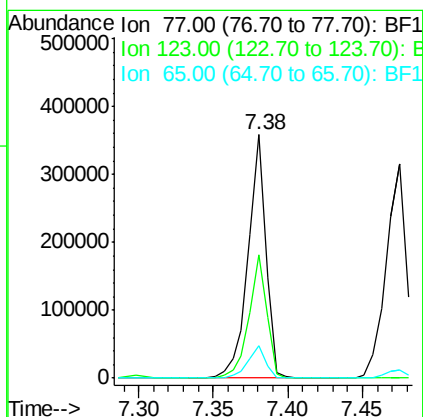
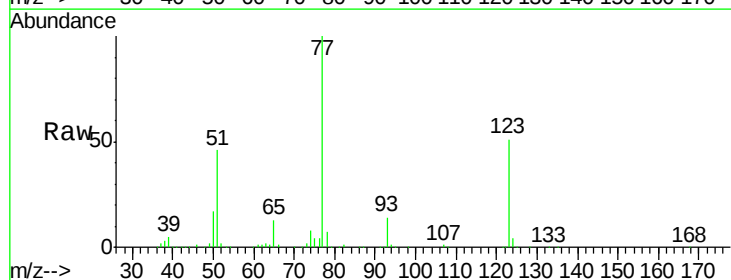
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion: 82 Resp: 622357
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 43.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.979 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion: 77 Resp: 296934
 Ion Ratio Lower Upper
 77 100
 123 50.9 37.9 56.9
 65 13.5 11.0 16.4





#25

Isophorone

Concen: 37.167 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

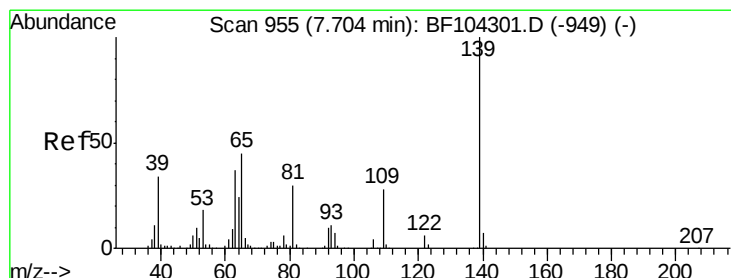
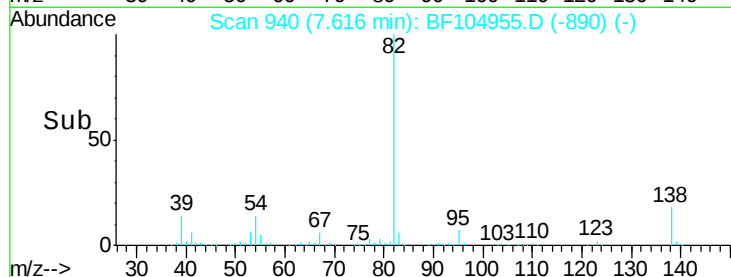
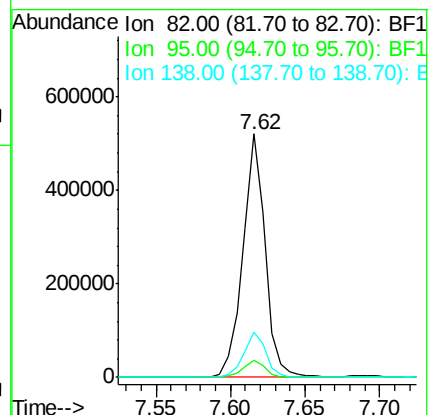
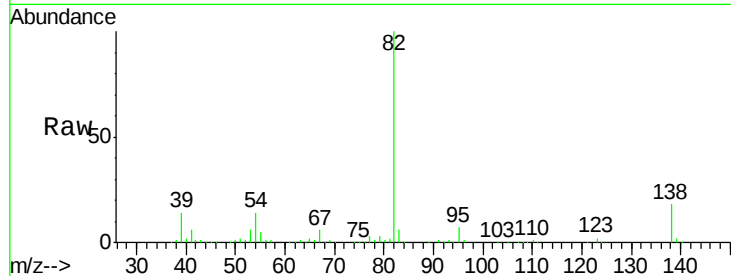
Tot Ion: 82 Resp: 542284

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 48.171 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

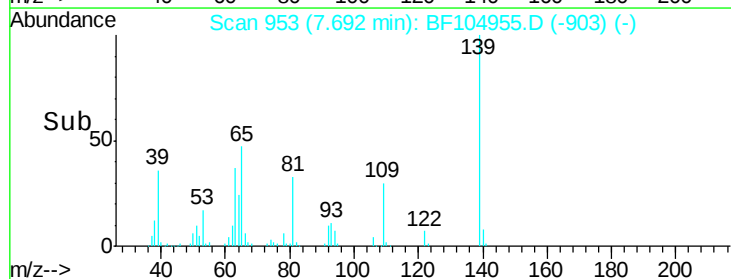
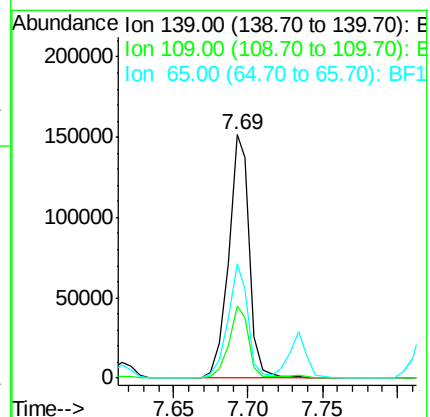
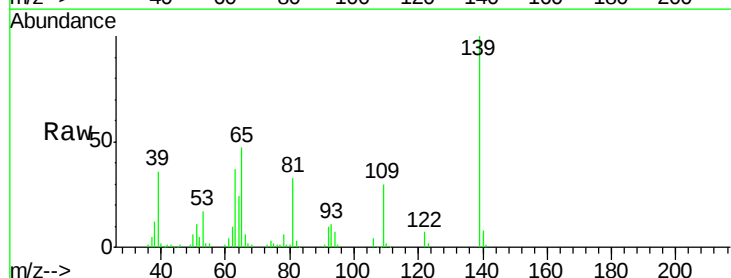
Tgt Ion: 139 Resp: 149389

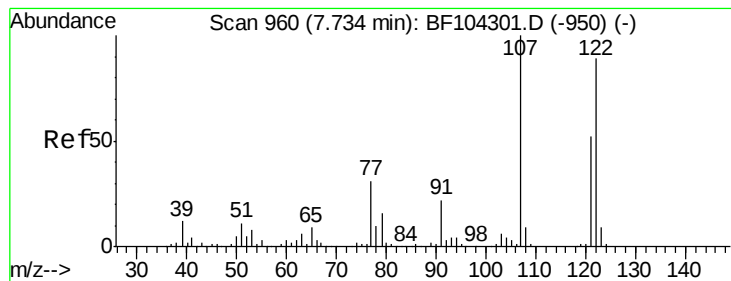
Ion Ratio Lower Upper

139 100

109 29.8 22.7 34.1

65 46.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.381 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

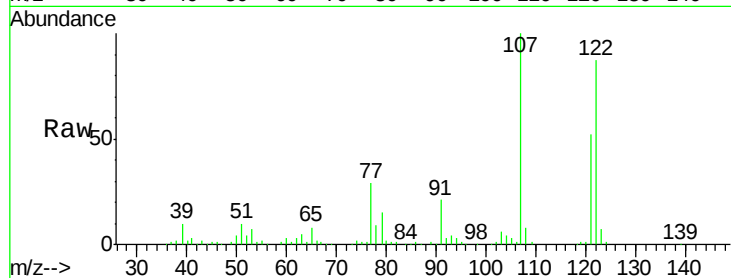
Tot Ion:122 Resp: 260026

Ion Ratio Lower Upper

122 100

107 114.4 91.2 136.8

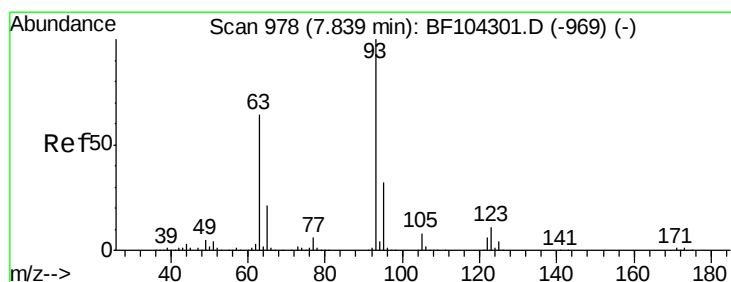
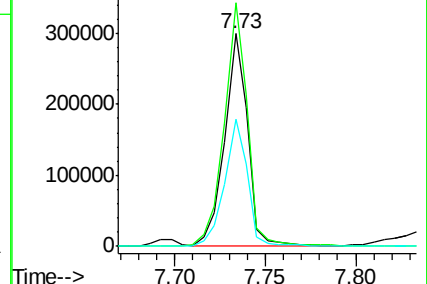
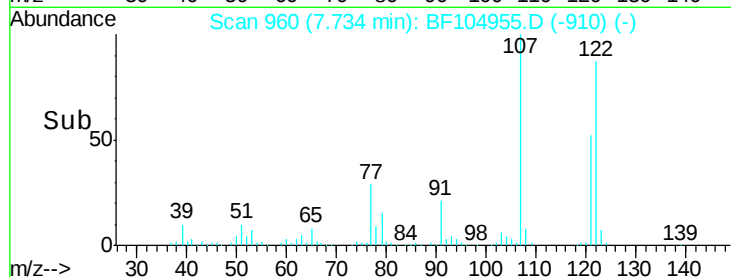
121 60.0 47.2 70.8



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: 39.820 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

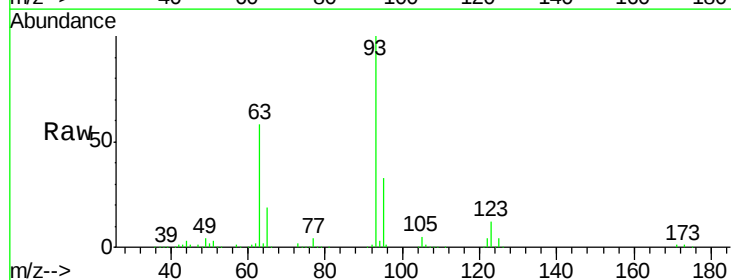
Tgt Ion: 93 Resp: 355230

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

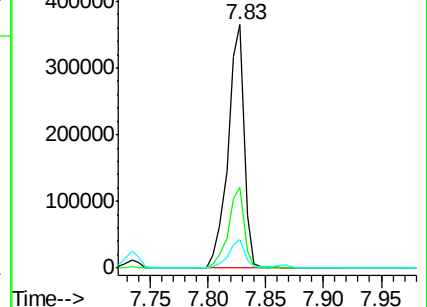
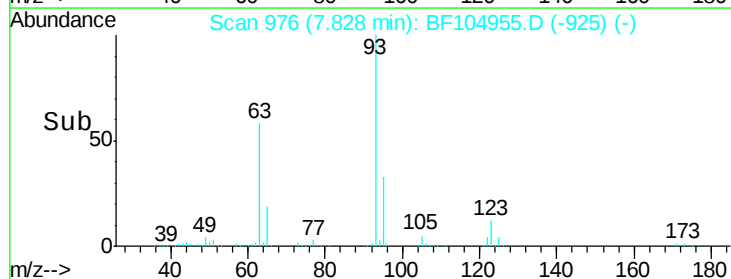
123 11.6 9.8 14.6



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

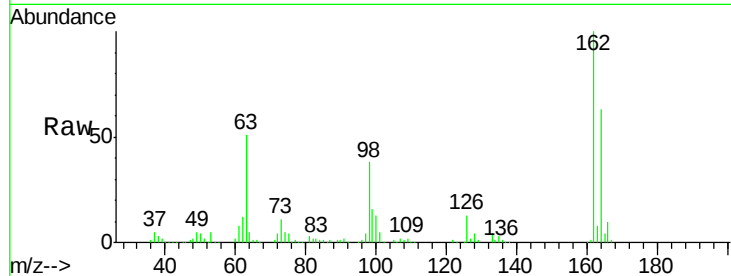




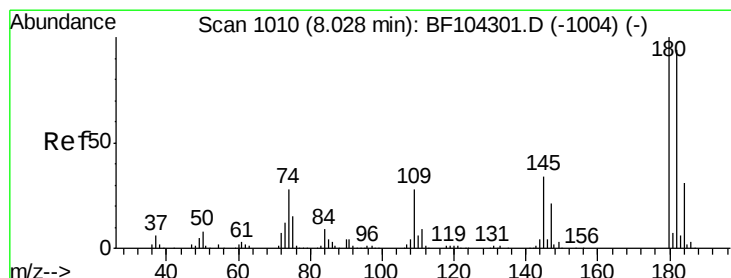
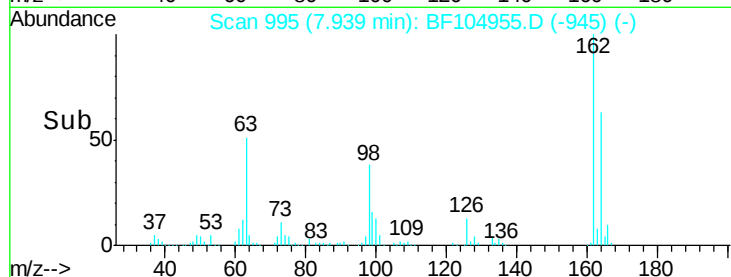
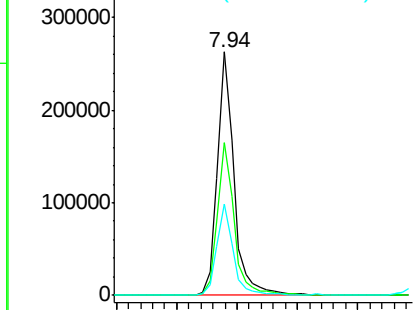
#29
 2,4-Dichlorophenol
 Concen: 40.367 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	37.6	18.1	58.1

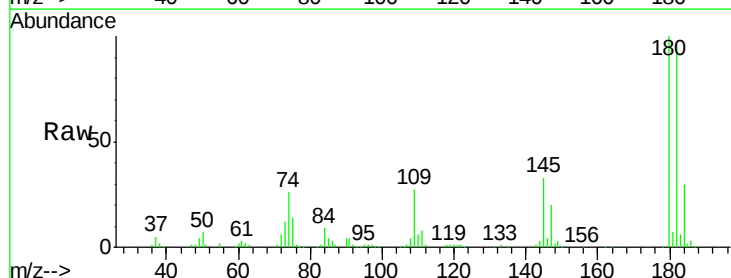


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

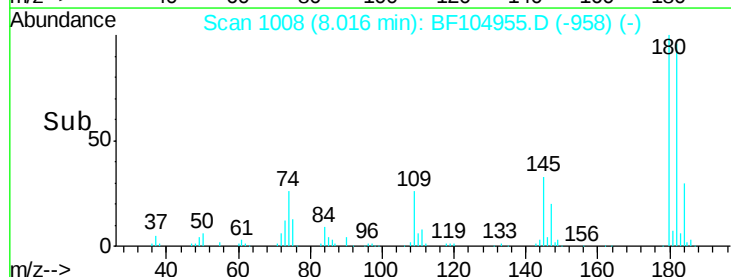
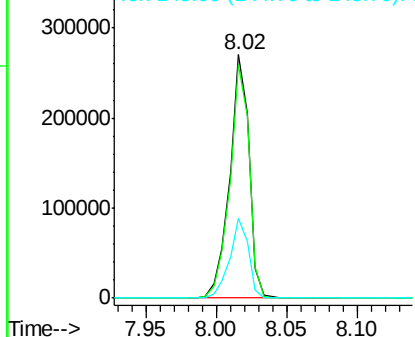


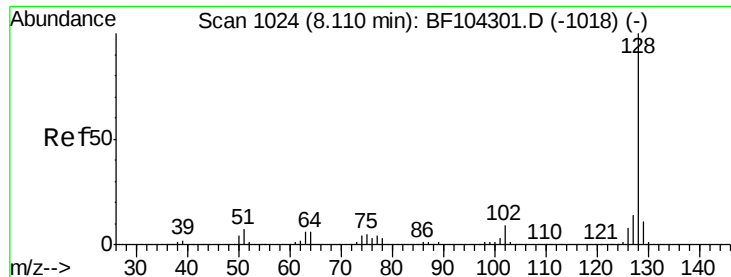
#30
 1,2,4-Trichlorobenzene
 Concen: 38.046 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	32.7	26.5	39.7



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





#31

Naphthalene

Concen: 37.731 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

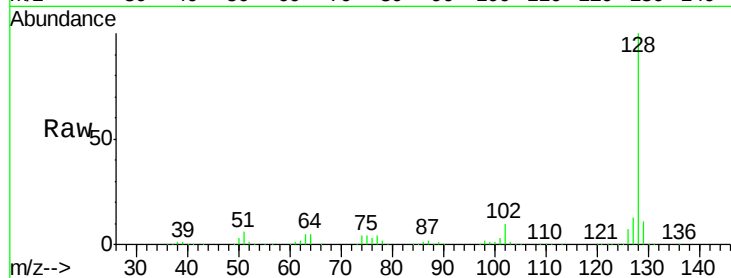
Tot Ion:128 Resp: 846491

Ion Ratio Lower Upper

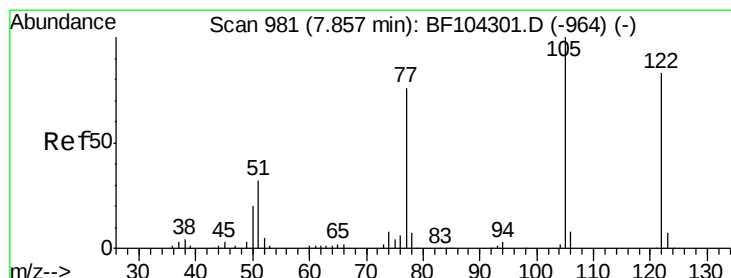
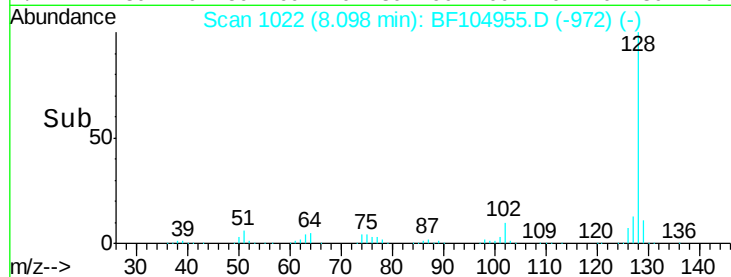
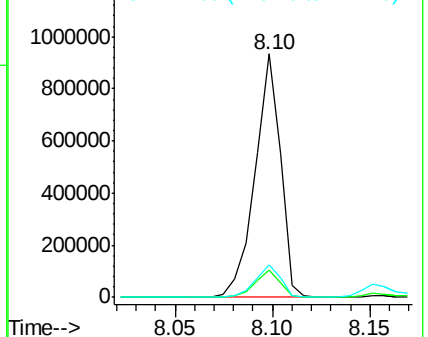
128 100

129 11.3 8.8 13.2

127 13.4 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: 21.343 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

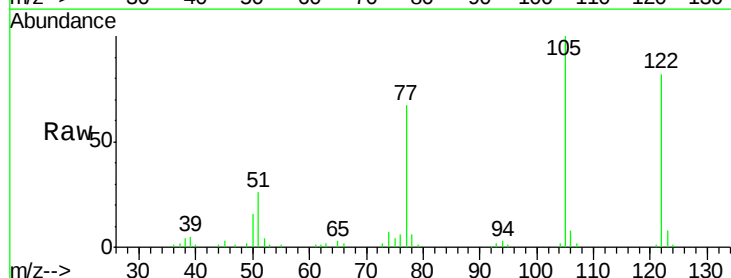
Tgt Ion:122 Resp: 109657

Ion Ratio Lower Upper

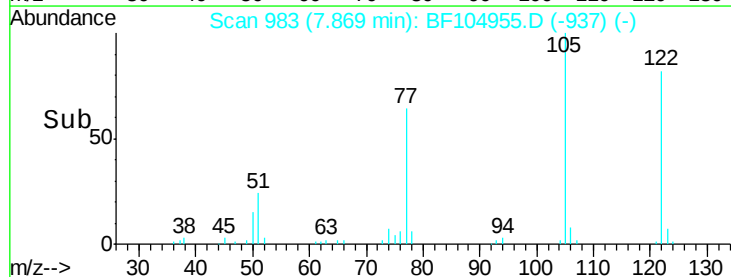
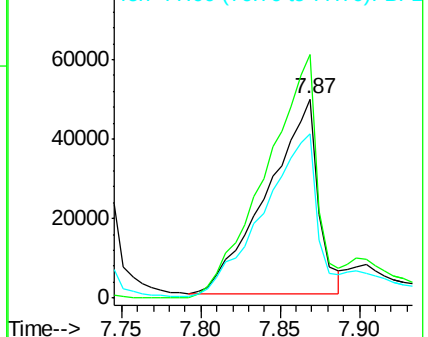
122 100

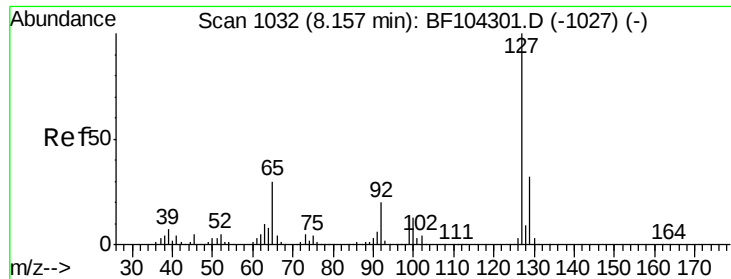
105 122.4 101.1 141.1

77 82.6 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

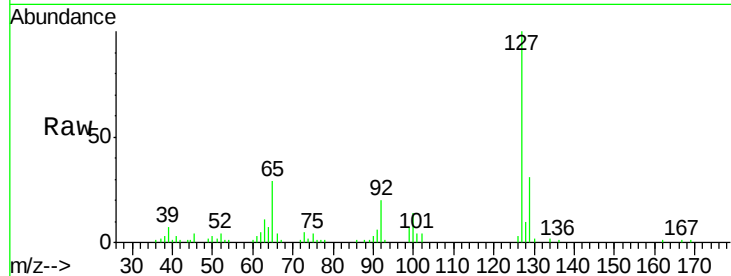




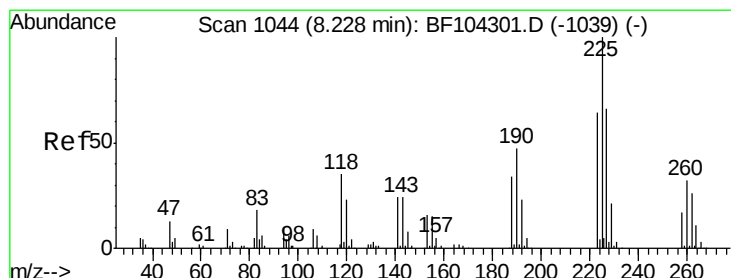
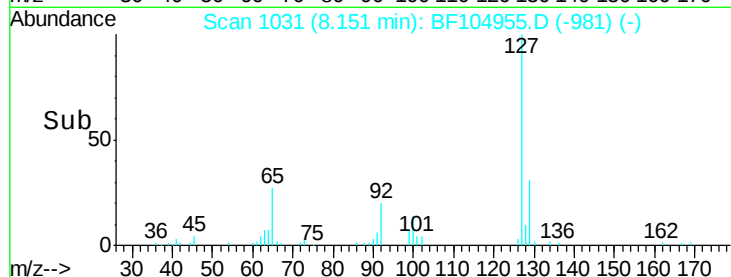
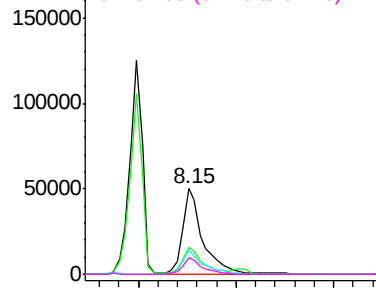
#33
4-Chloroaniline
Concen: 7.511 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Instrument :
BNA_F
ClientSampleId :
PB108668BS

Tot Ion:	127	Resp:	72192
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	29.2	25.0	37.4
92	19.5	15.2	22.8

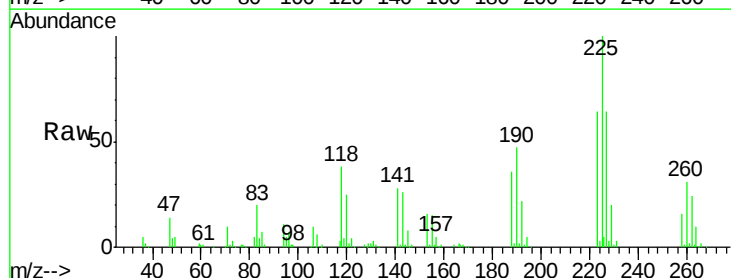


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

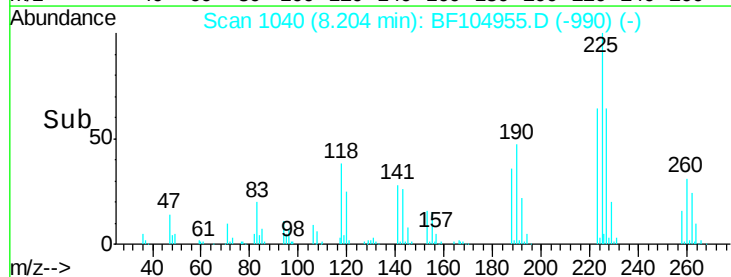
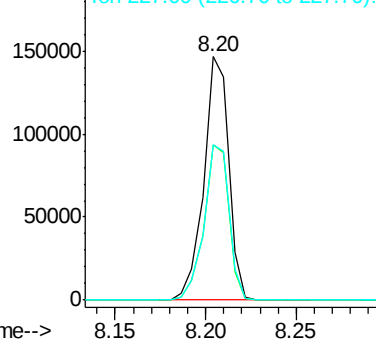


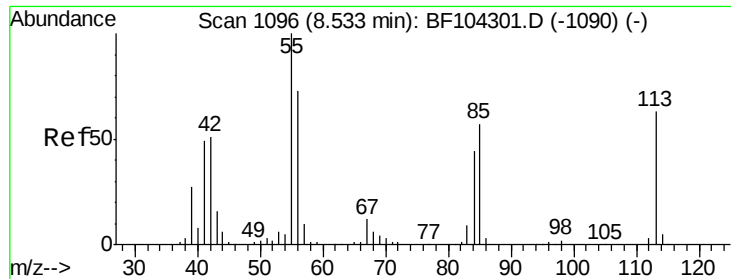
#34
Hexachlorobutadiene
Concen: 38.057 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:	225	Resp:	140557
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.9	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

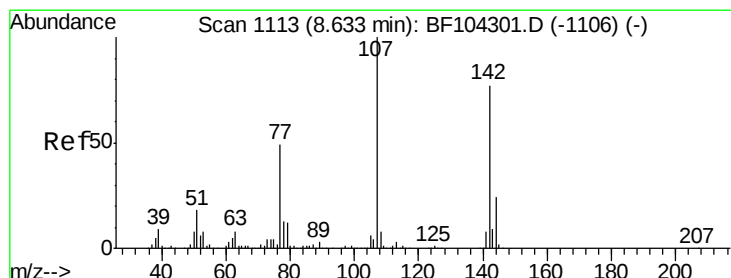
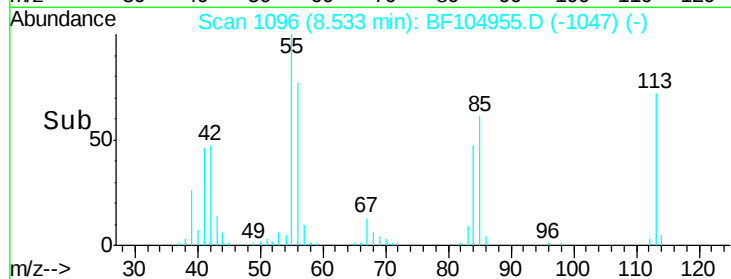
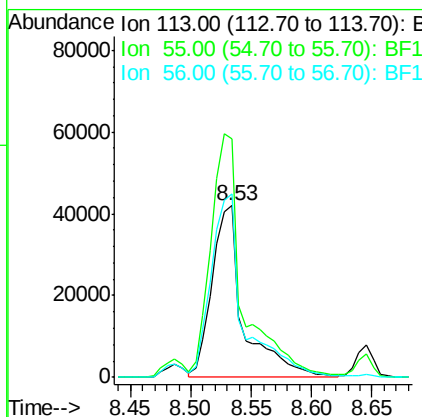
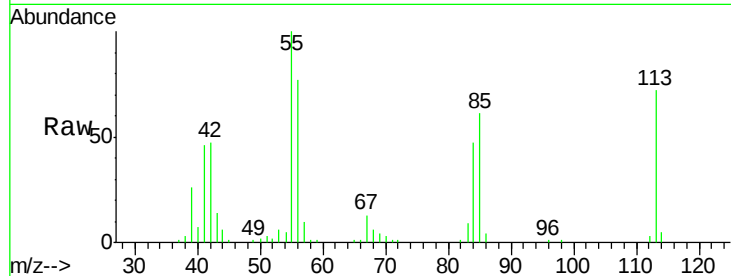




#35
 Caprolactam
 Concen: 35.631 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

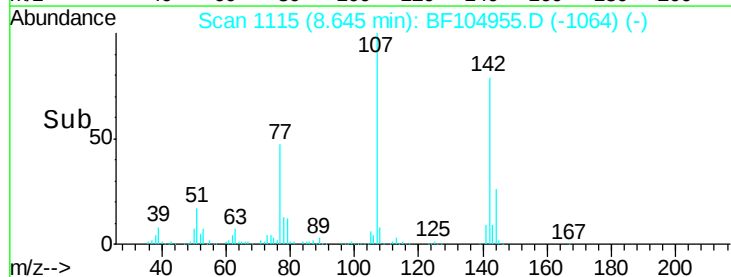
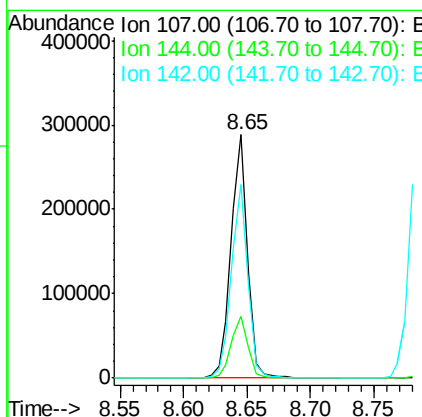
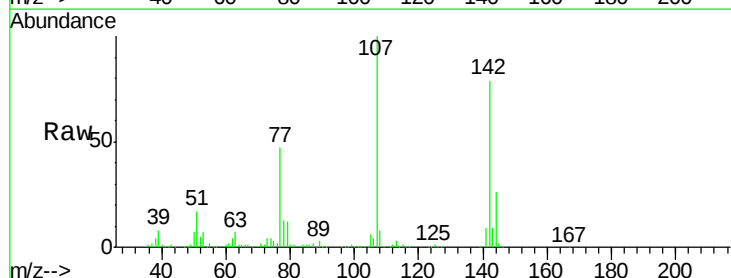
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

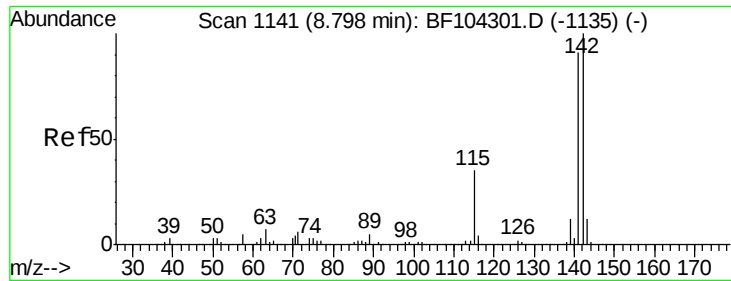
Tot Ion:113 Resp: 76370
 Ion Ratio Lower Upper
 113 100
 55 138.9 163.3 203.3#
 56 106.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.107 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion:107 Resp: 257638
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.4 62.0 93.0

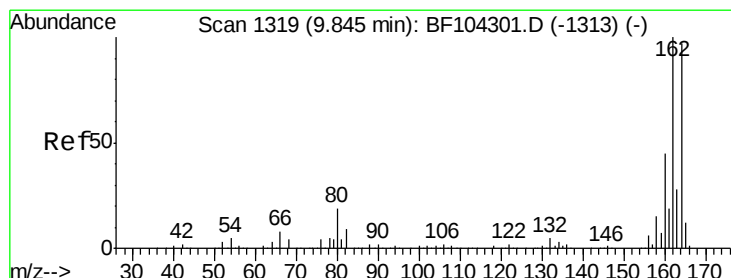
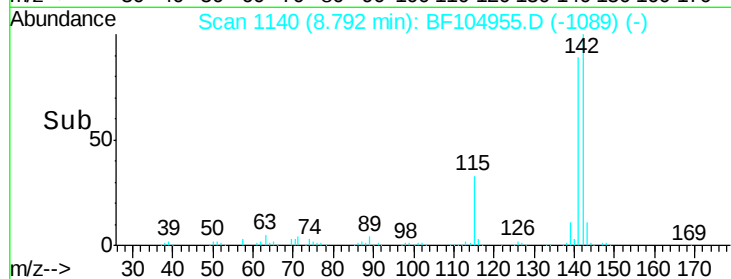
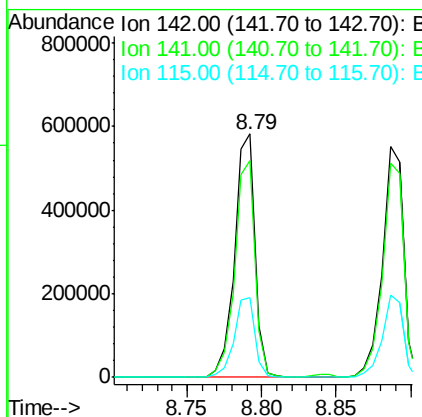
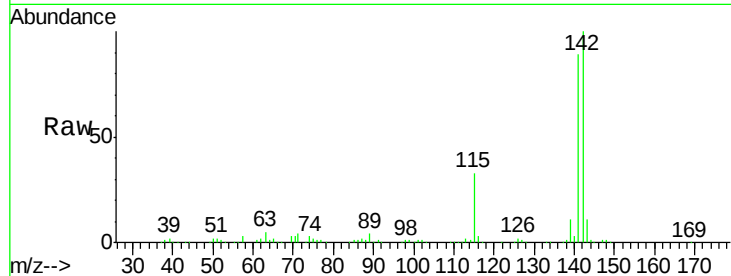




#37
2-Methylnaphthalene
Concen: 38.726 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

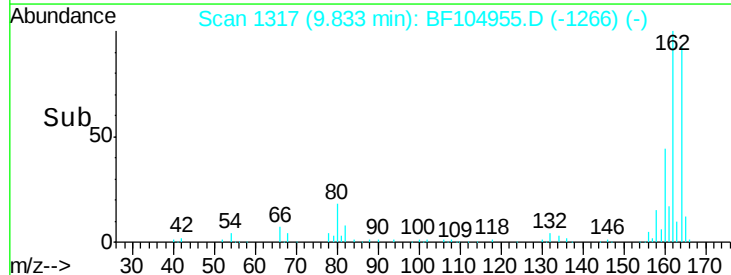
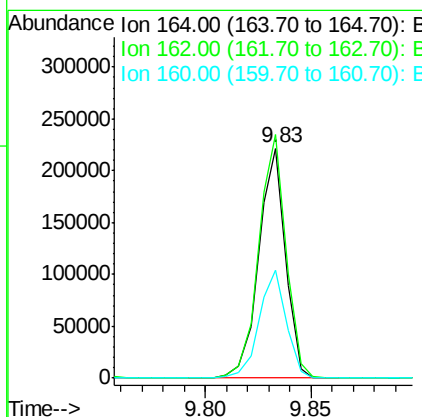
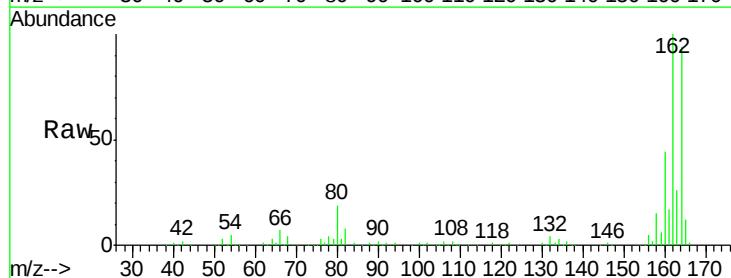
Instrument :
BNA_F
ClientSampleId :
PB108668BS

Tot Ion:142 Resp: 561984
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 32.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:164 Resp: 196100
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 46.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.094 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

Tot Ion:216 Resp: 241906

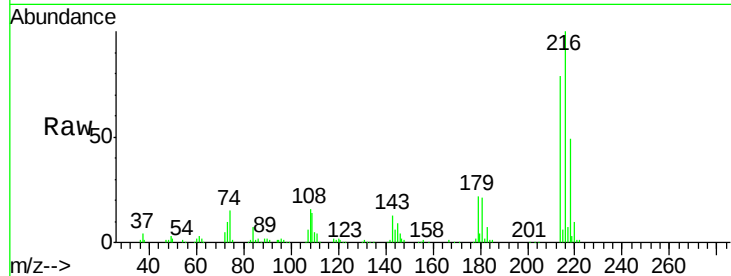
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 22.3 18.1 27.1

108 18.9 17.2 25.8

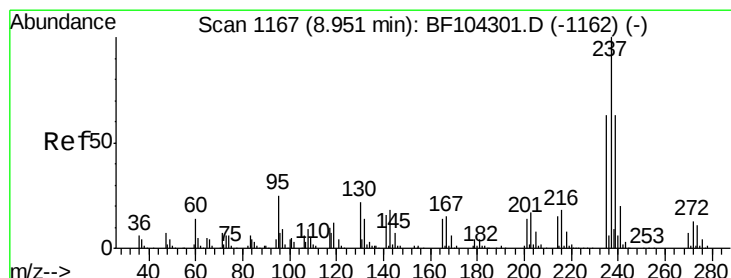
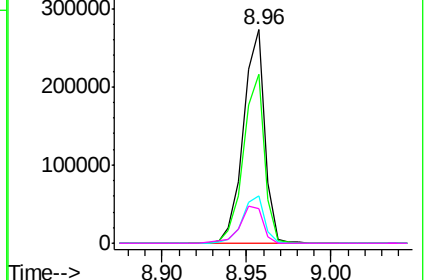
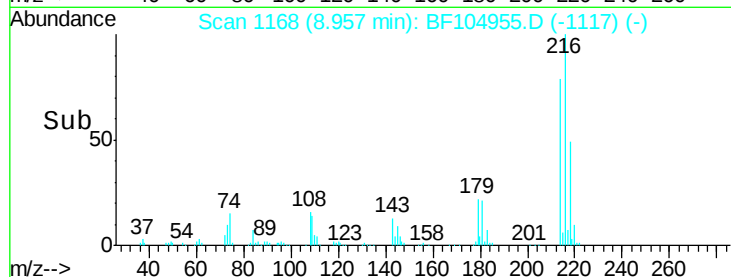


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.811 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

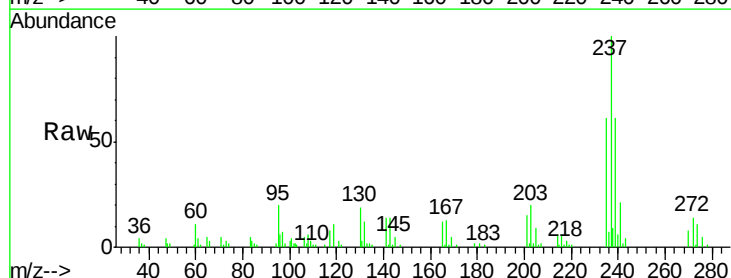
Tgt Ion:237 Resp: 46545

Ion Ratio Lower Upper

237 100

235 61.0 44.8 84.8

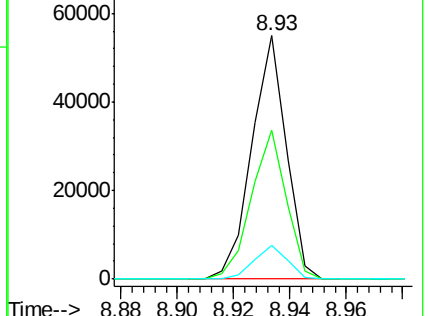
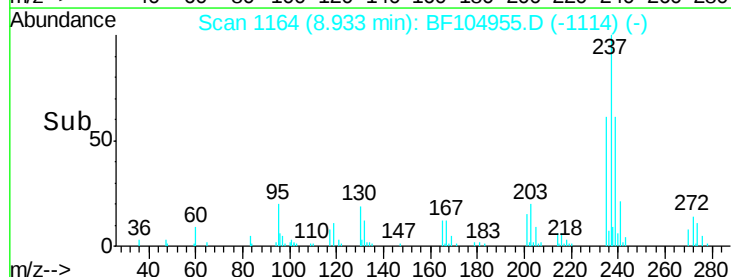
272 14.0 0.0 33.3

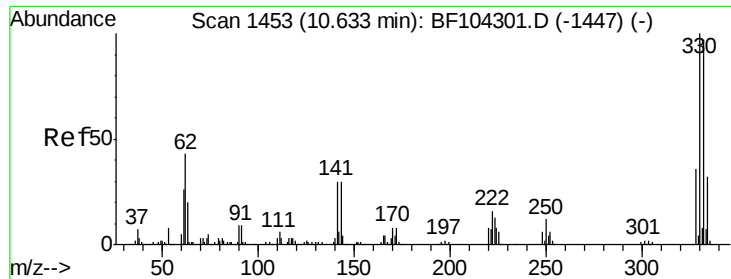


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

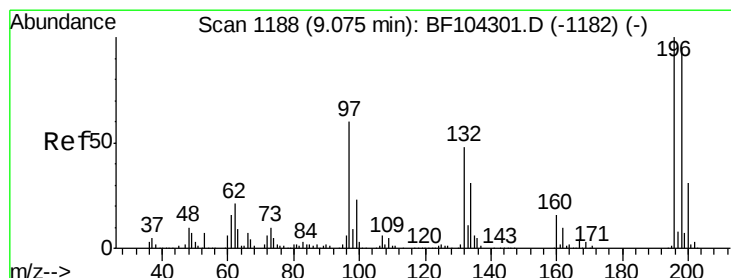
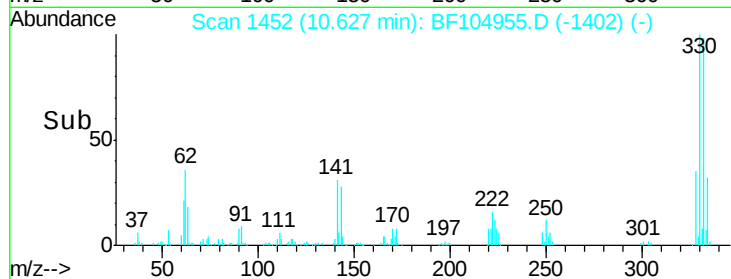
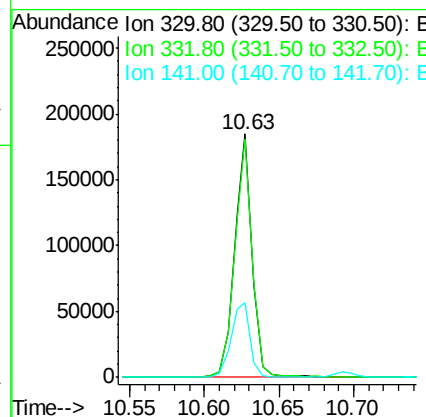
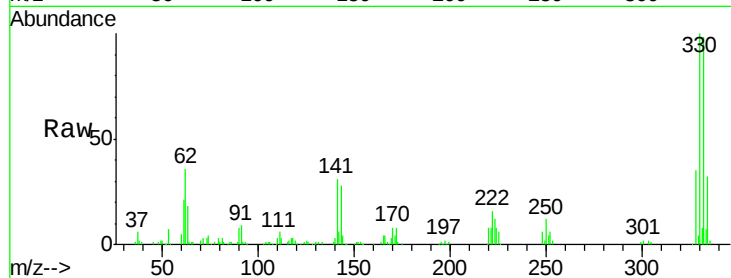




#41
 2,4,6-Tribromophenol
 Concen: 75.681 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

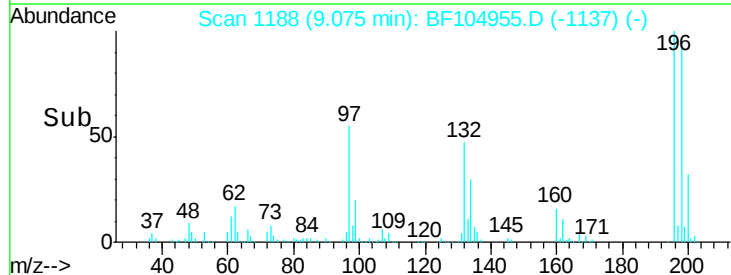
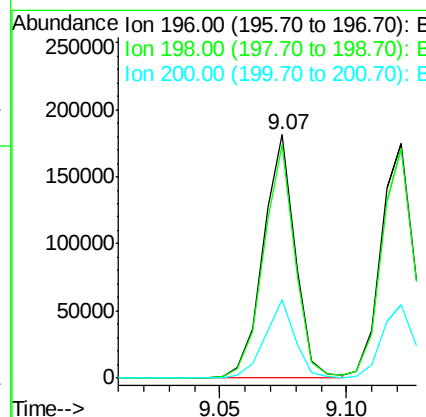
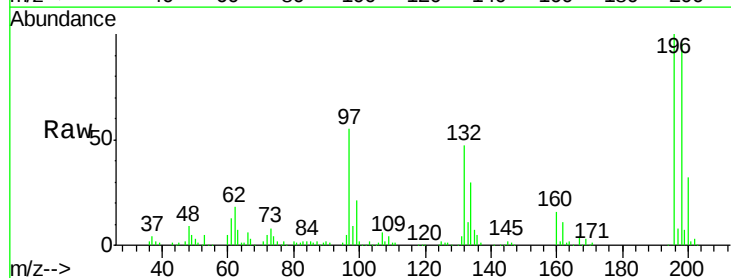
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

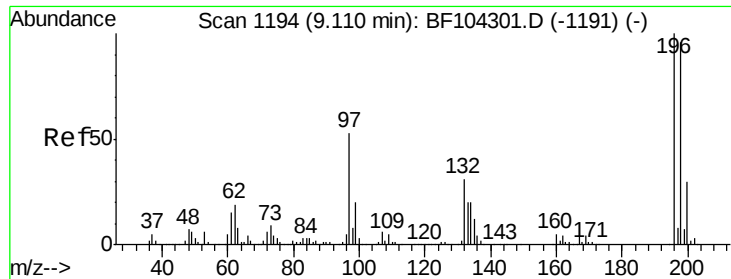
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	33.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.948 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	32.3	24.5	36.7

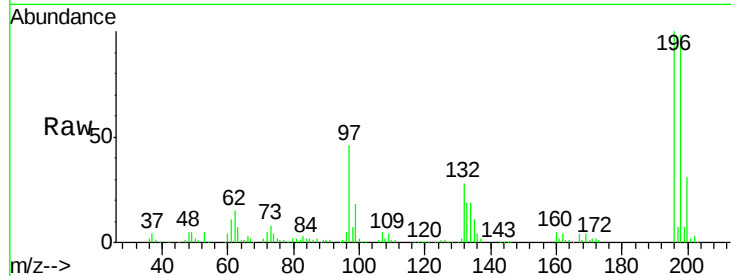




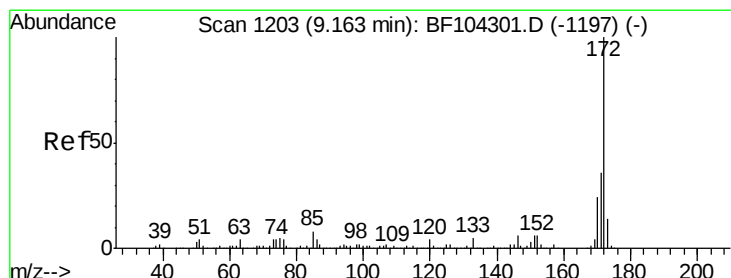
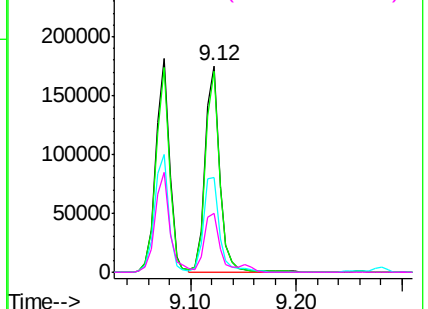
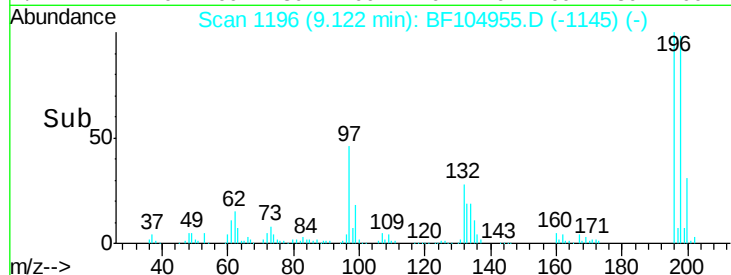
#43
 2,4,5-Trichlorophenol
 Concen: 38.560 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion:196 Resp: 168146
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.6 112.0
 97 46.2 42.9 64.3
 132 28.4 26.3 39.5

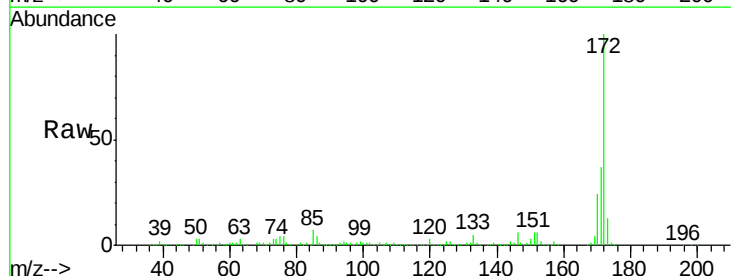


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

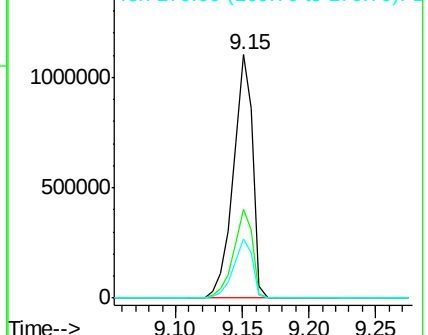
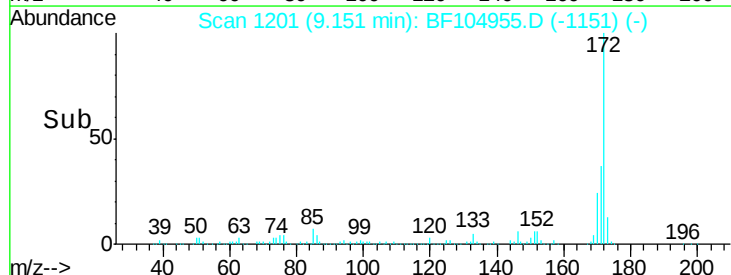


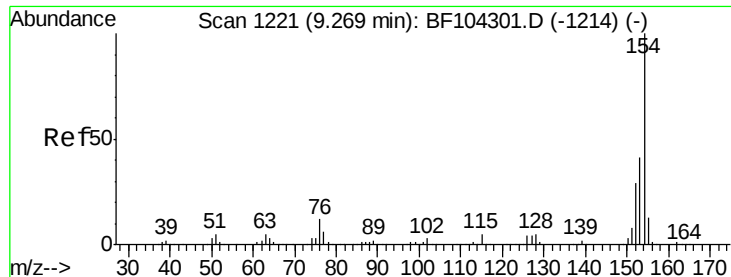
#44
 2-Fluorobiphenyl
 Concen: 90.679 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion:172 Resp: 1125633
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 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: 39.890 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

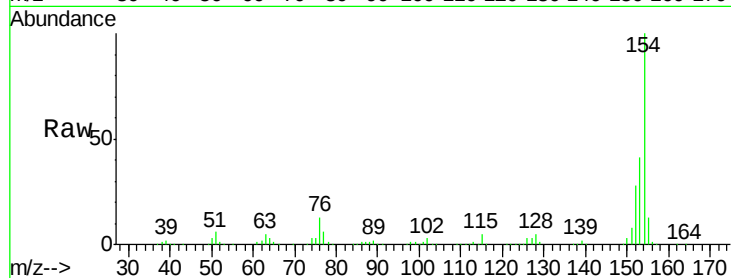
Tot Ion:154 Resp: 657140

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

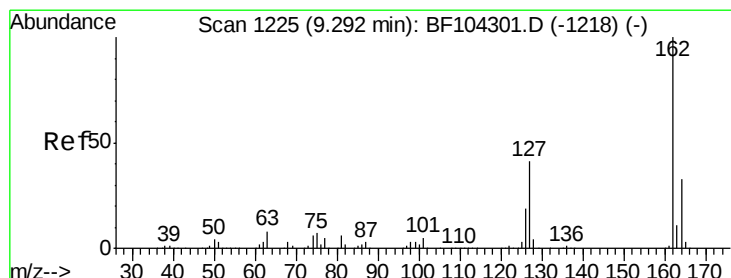
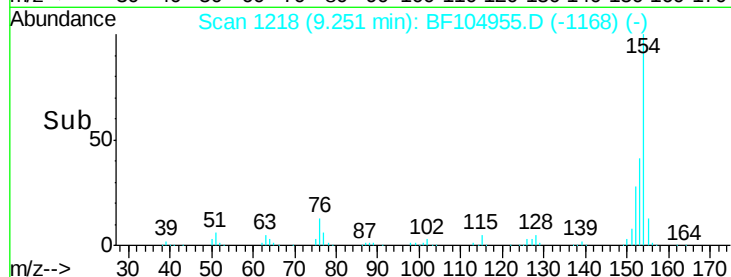
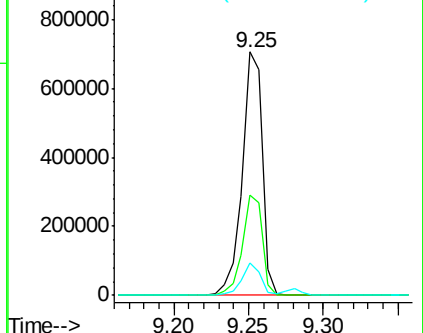
76 13.4 0.0 34.0



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: 38.993 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

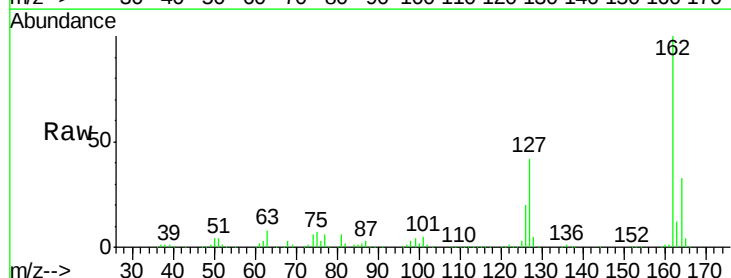
Tgt Ion:162 Resp: 507378

Ion Ratio Lower Upper

162 100

127 42.1 33.9 50.9

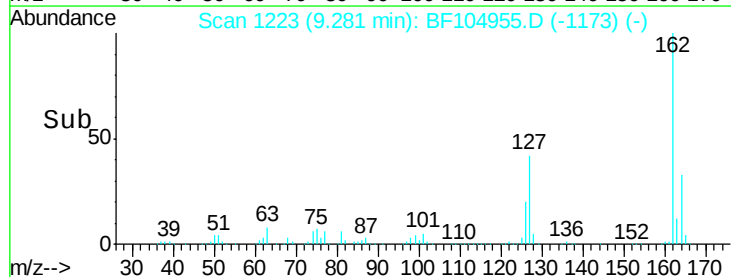
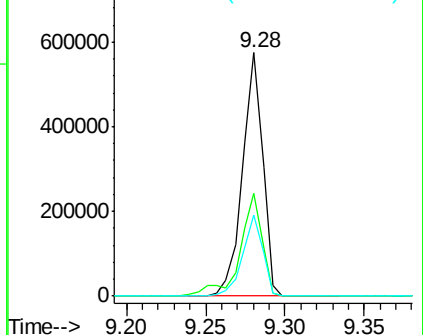
164 33.4 26.5 39.7



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

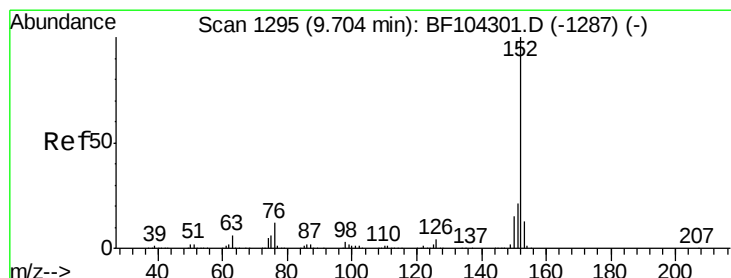
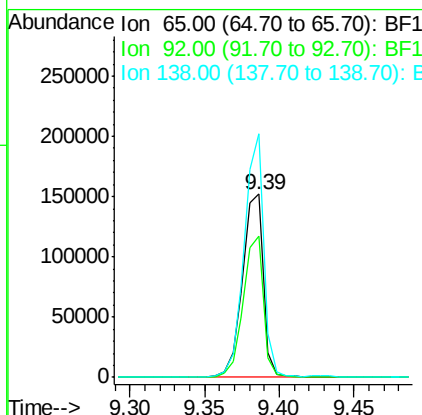
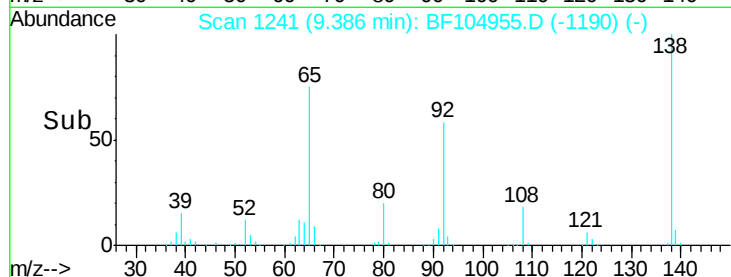
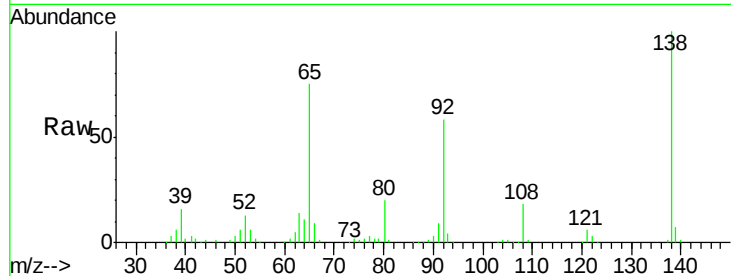




#47
 2-Nitroaniline
 Concen: 46.076 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

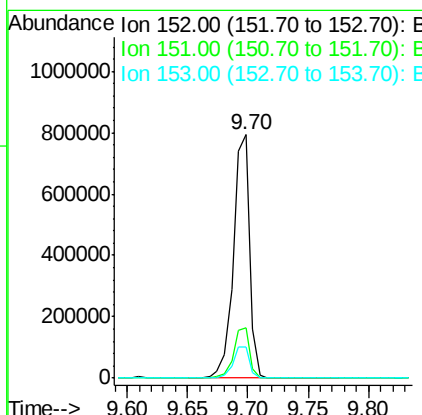
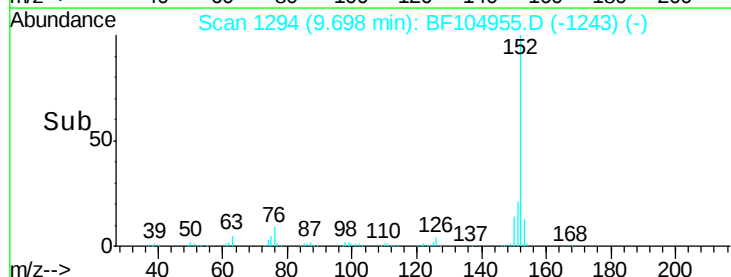
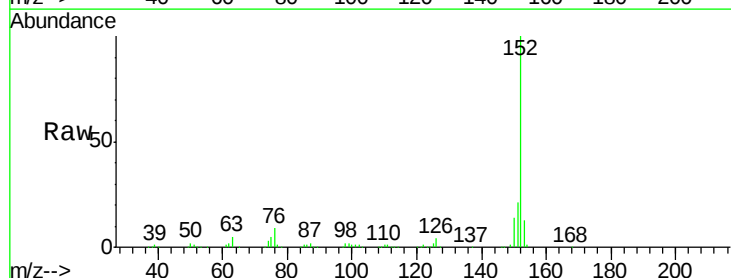
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion: 65 Resp: 148267
 Ion Ratio Lower Upper
 65 100
 92 76.9 55.8 83.6
 138 133.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.364 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion: 152 Resp: 742391
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5
 153 13.0 10.7 16.1

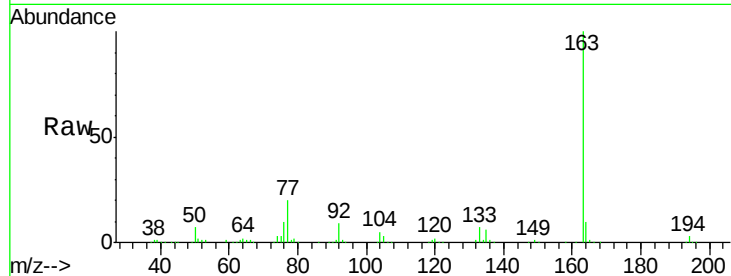




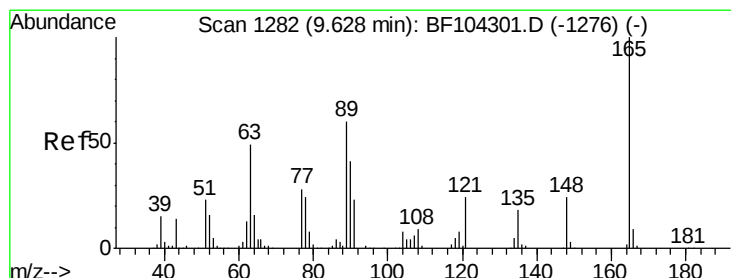
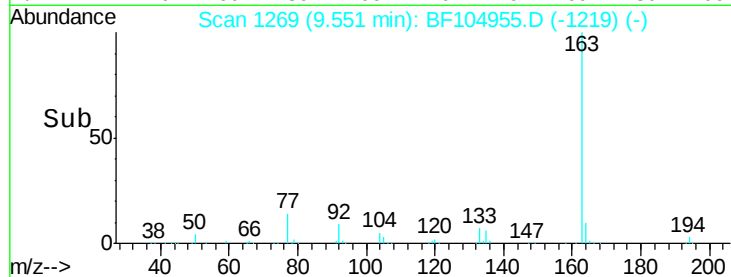
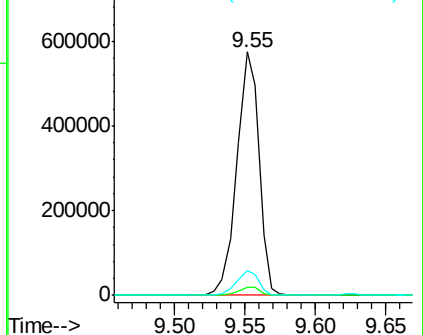
#49
Dimethylphthalate
Concen: 40.586 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Instrument :
BNA_F
ClientSampleId :
PB108668BS

Tot Ion:163 Resp: 627630
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

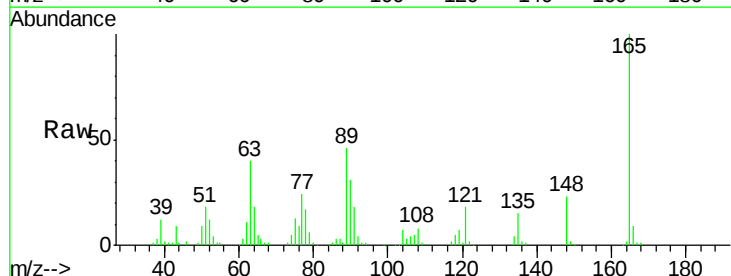


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

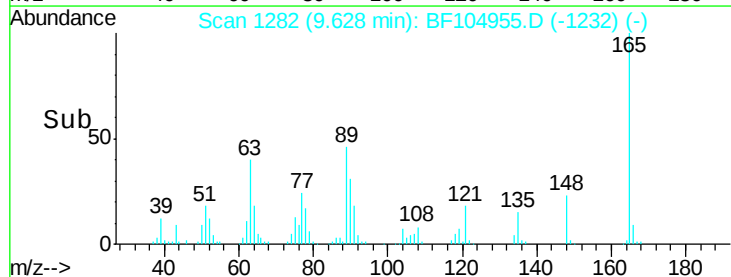
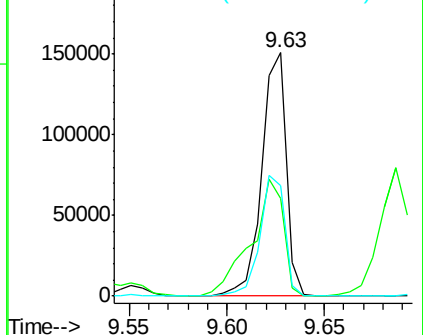


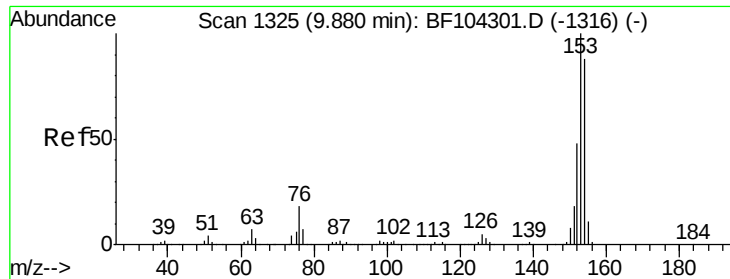
#50
2,6-Dinitrotoluene
Concen: 45.780 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:165 Resp: 130998
Ion Ratio Lower Upper
165 100
63 40.4 44.7 67.1#
89 45.6 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: 35.171 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

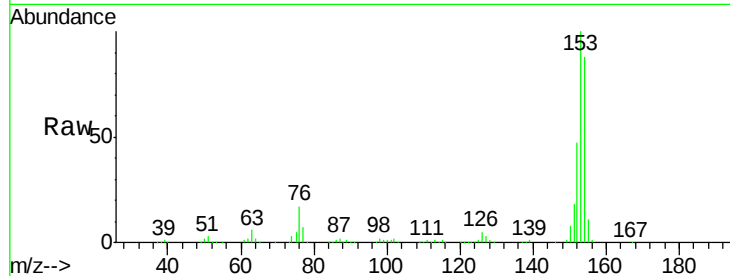
Tot Ion:154 Resp: 438099

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

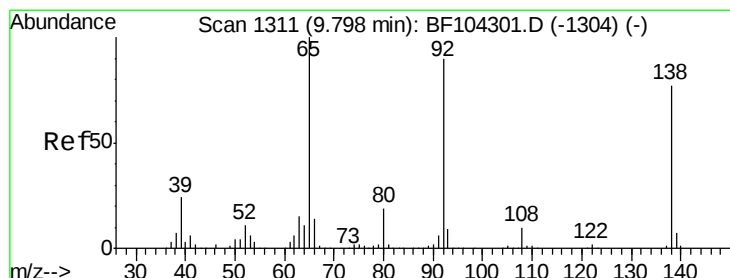
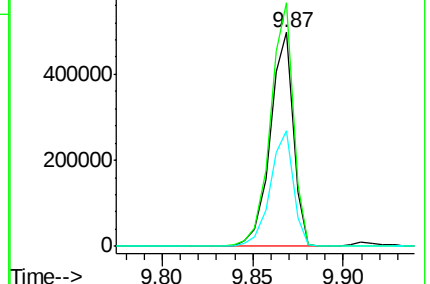
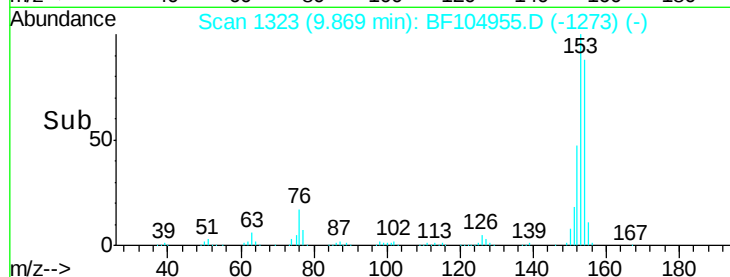
152 53.8 43.8 65.8



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: 24.093 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

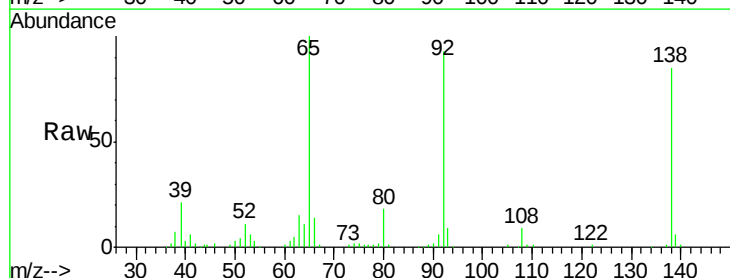
Tgt Ion:138 Resp: 80708

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

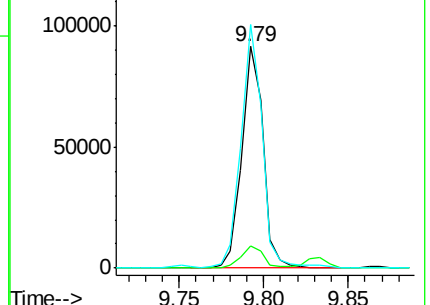
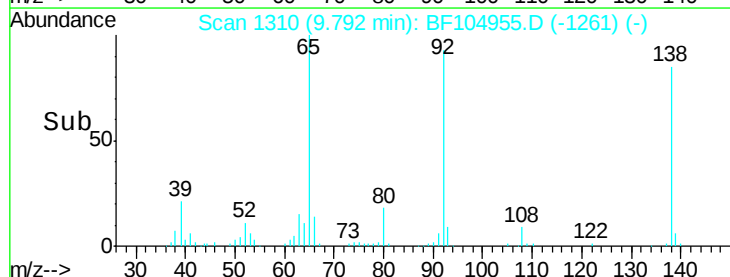
92 110.0 89.4 134.2



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

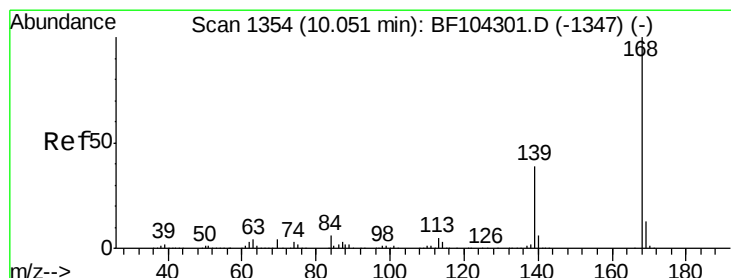
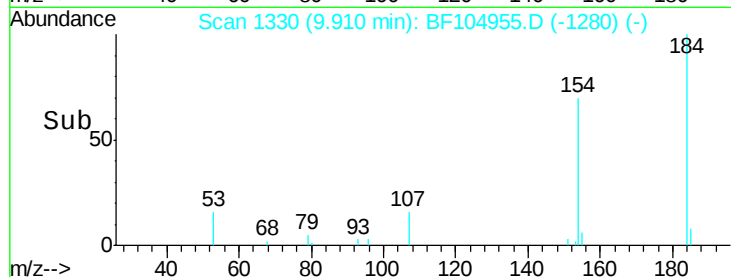
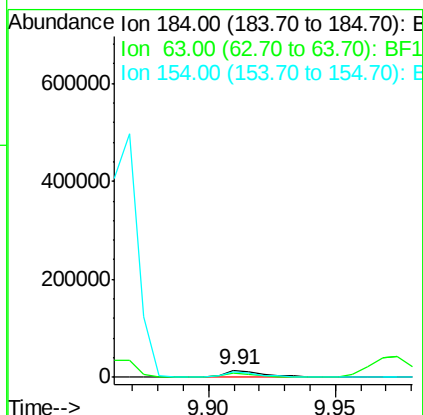
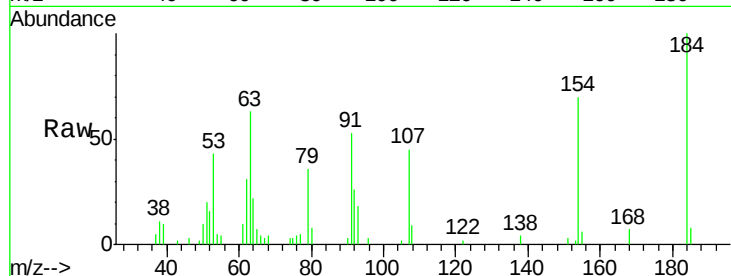




#53
 2,4-Dinitrophenol
 Concen: 23.912 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

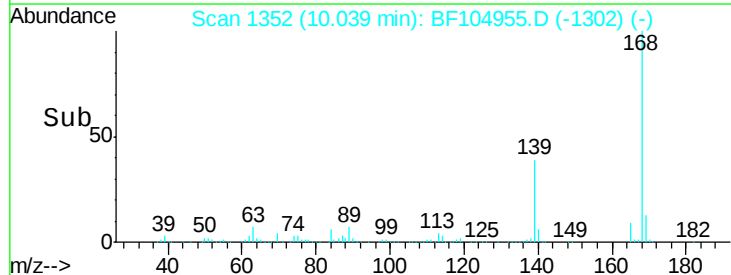
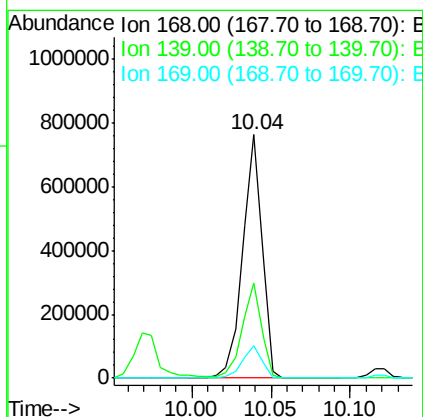
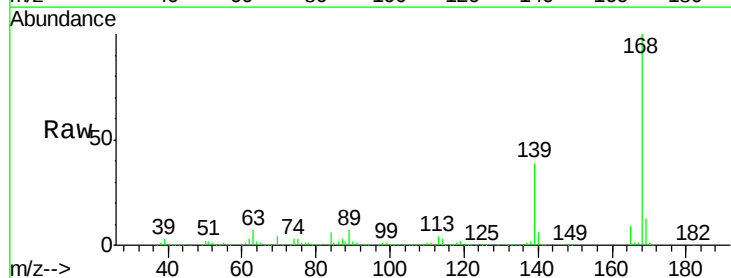
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion:184 Resp: 16859
 Ion Ratio Lower Upper
 184 100
 63 63.4 54.2 81.2
 154 70.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.084 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion:168 Resp: 643748
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.4 10.9 16.3

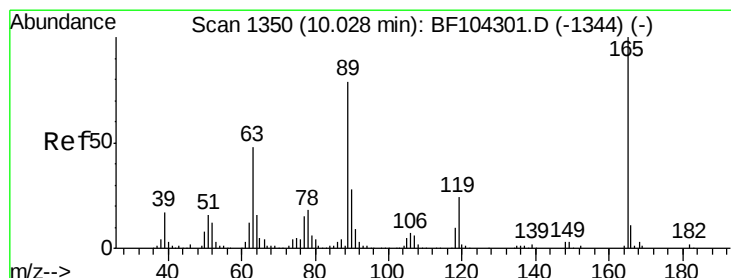
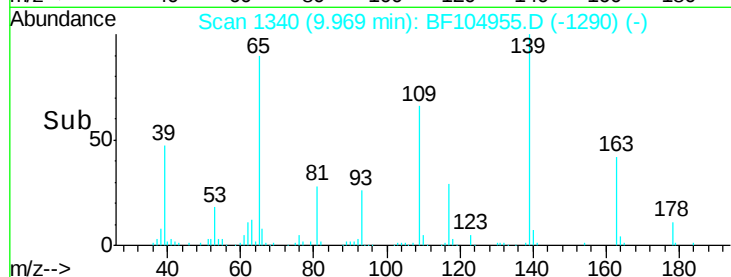
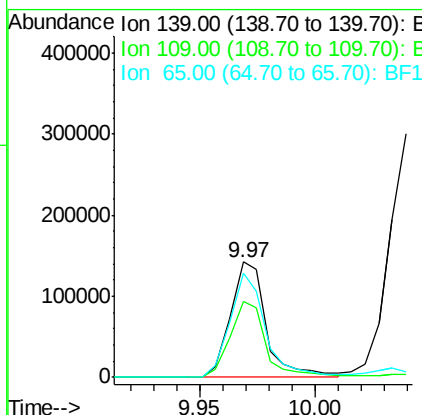
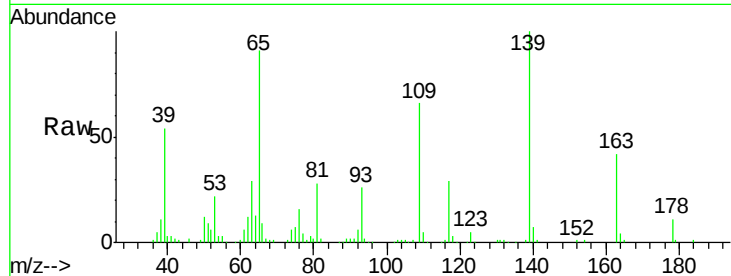




#55
4-Nitrophenol
Concen: 58.673 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

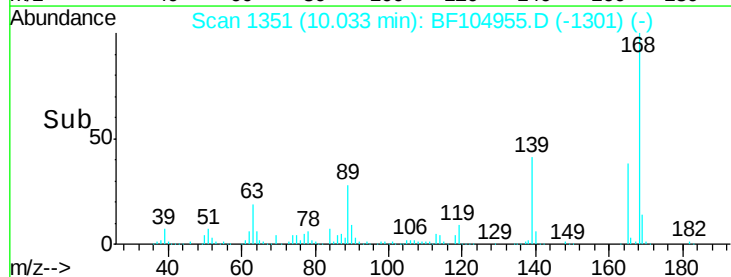
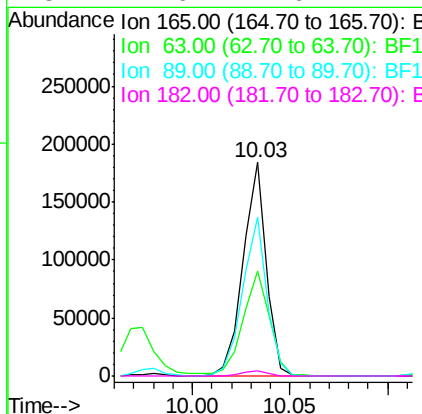
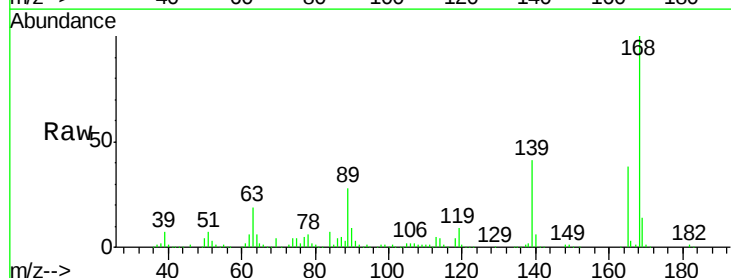
Instrument :
BNA_F
ClientSampleId :
PB108668BS

Tot Ion:139 Resp: 154396
Ion Ratio Lower Upper
139 100
109 66.3 48.4 88.4
65 90.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.559 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:165 Resp: 152232
Ion Ratio Lower Upper
165 100
63 49.4 36.4 54.6
89 74.1 57.8 86.6
182 2.6 1.6 2.4#

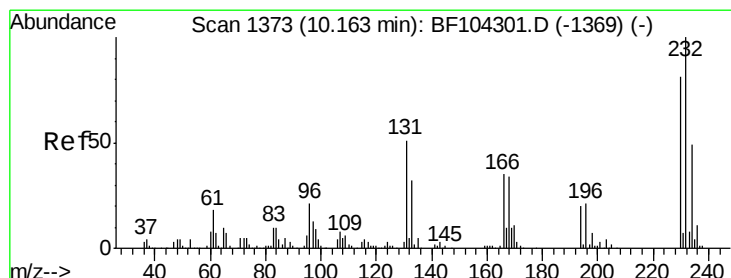
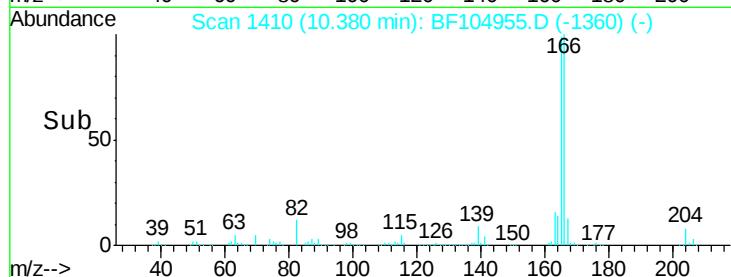
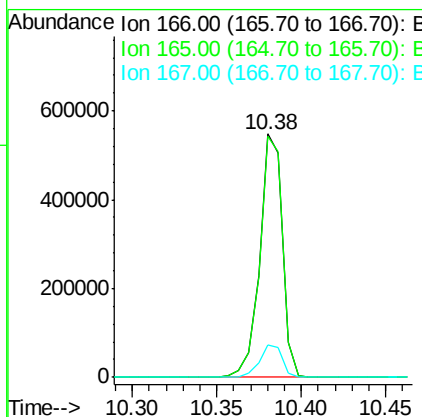
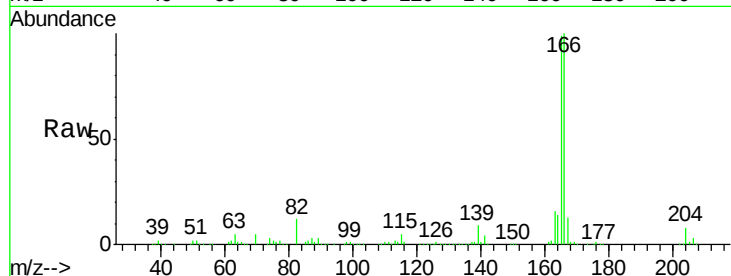




#57
Fluorene
 Concen: 40.343 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

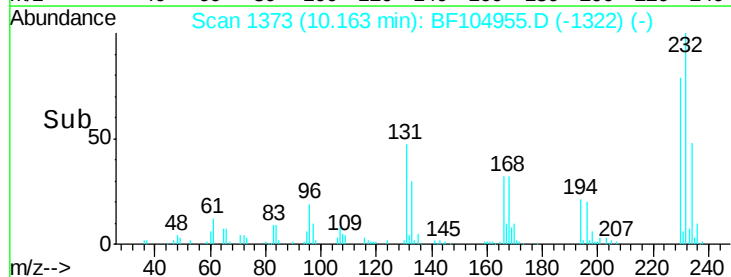
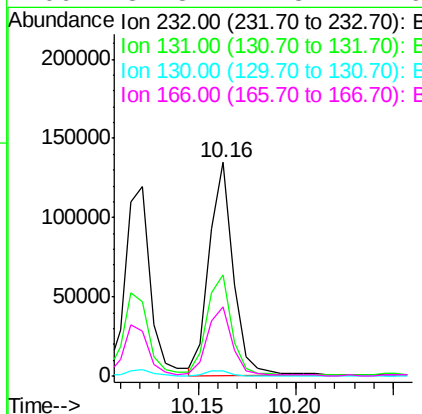
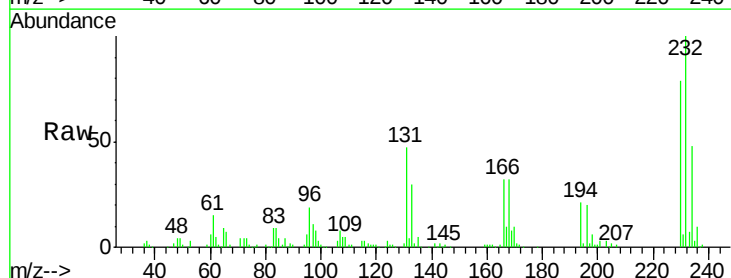
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

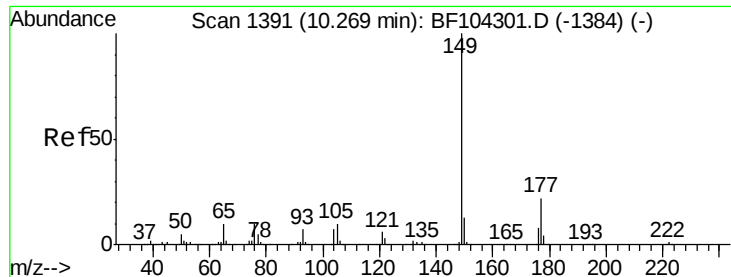
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.410 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	43.8	65.8
130	2.5	2.1	3.1
166	34.8	27.8	41.6

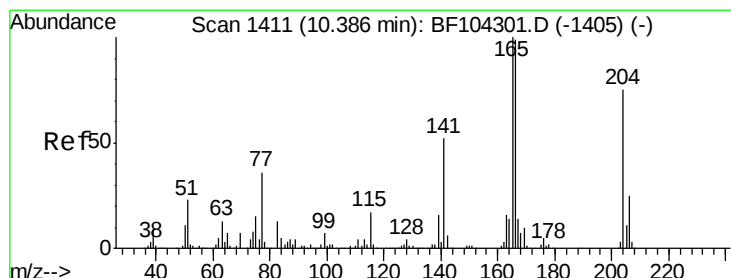
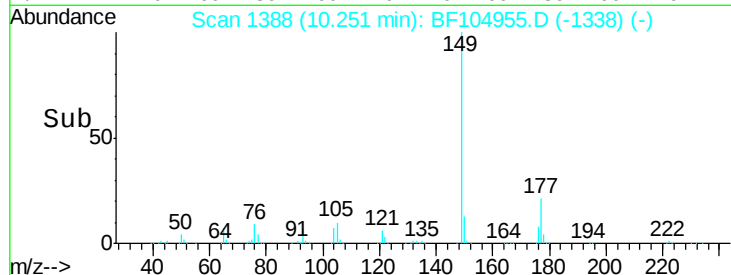
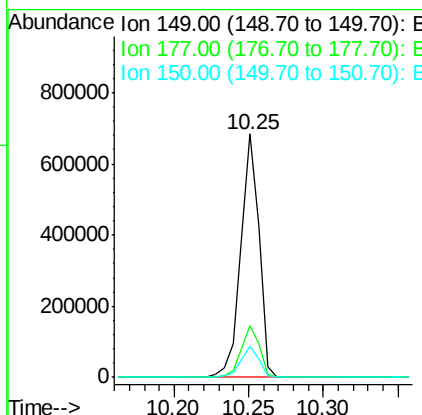
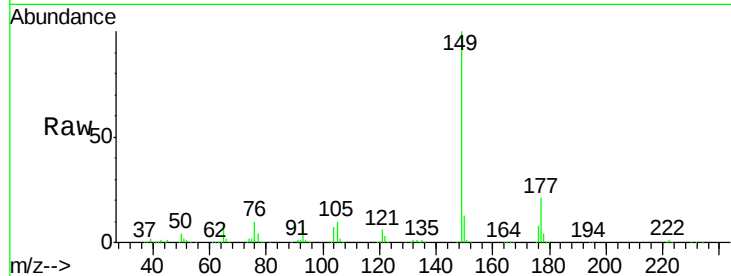




#59
Diethylphthalate
Concen: 37.840 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

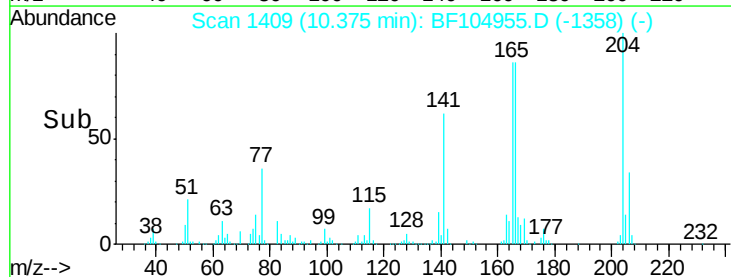
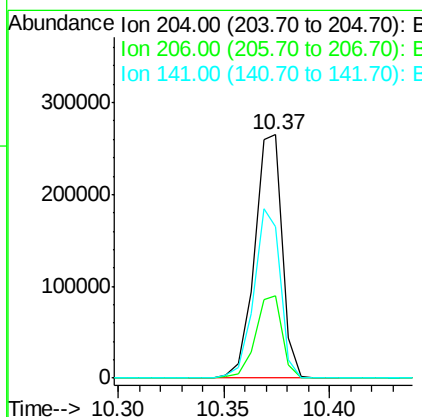
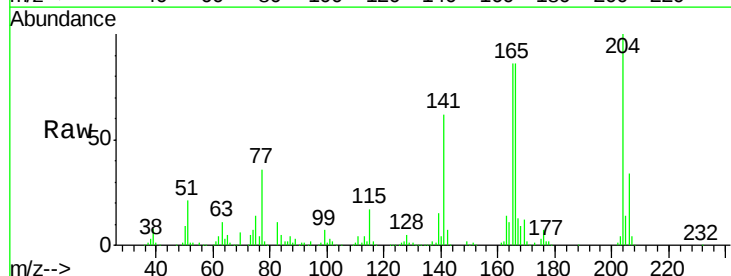
Instrument :
BNA_F
ClientSampleId :
PB108668BS

Tot Ion:149 Resp: 582778
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.916 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:204 Resp: 241493
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 62.3 54.6 81.8

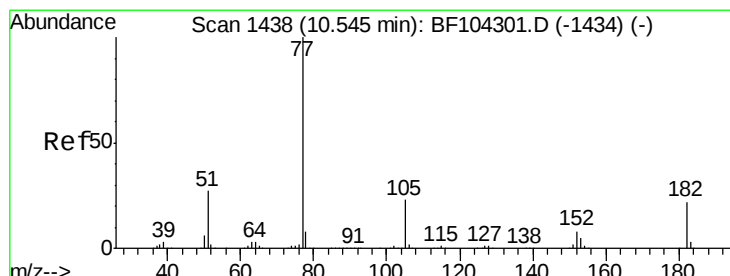
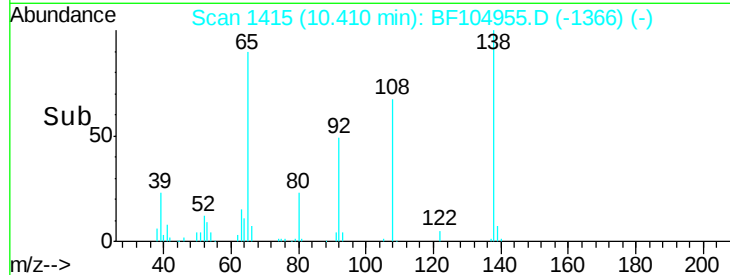
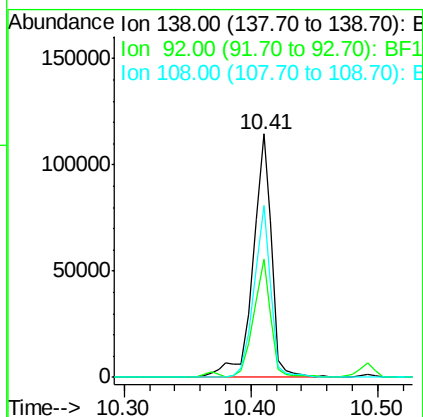
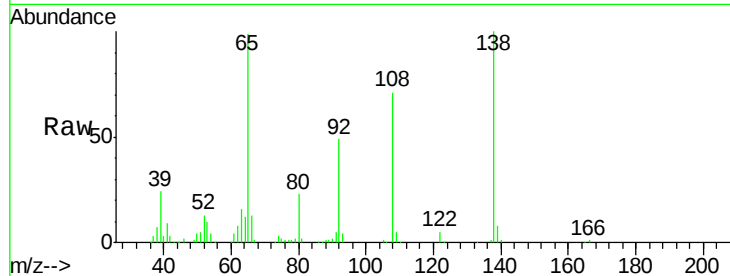




#61
4-Nitroaniline
Concen: 36.147 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

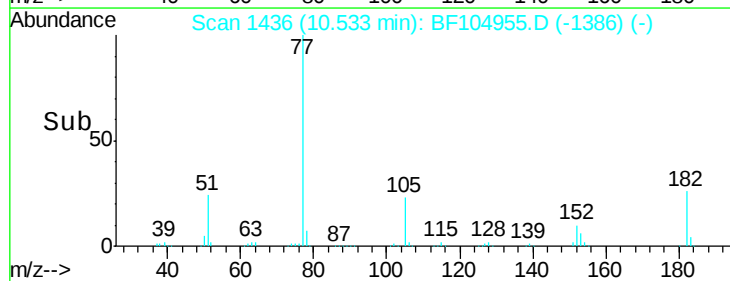
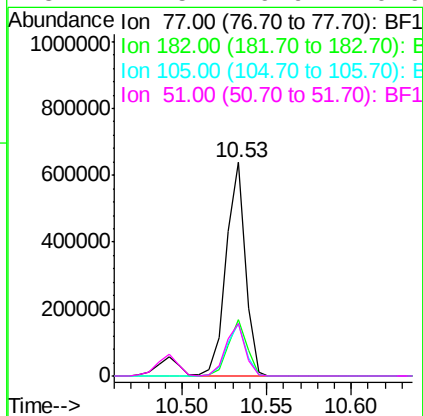
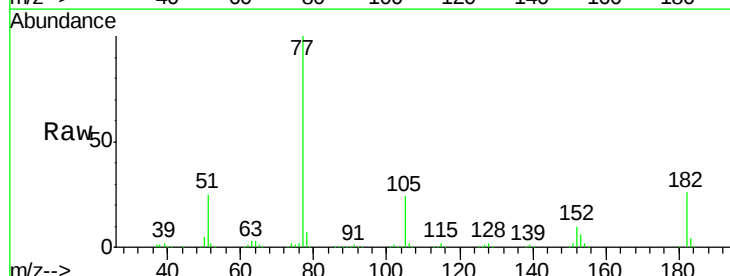
Instrument :
BNA_F
ClientSampleId :
PB108668BS

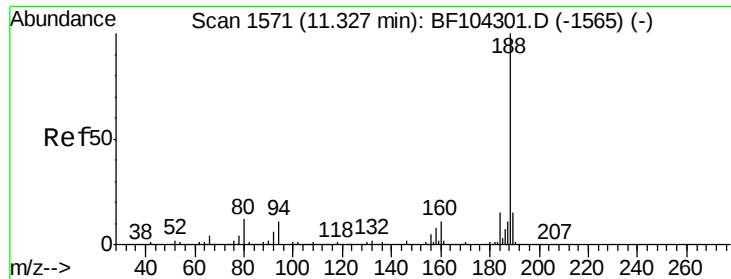
Tot Ion:138 Resp: 118398
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 70.6 52.5 92.5



#62
Azobenzene
Concen: 34.263 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion: 77 Resp: 504139
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 24.3 3.0 43.0
51 24.5 9.9 49.9

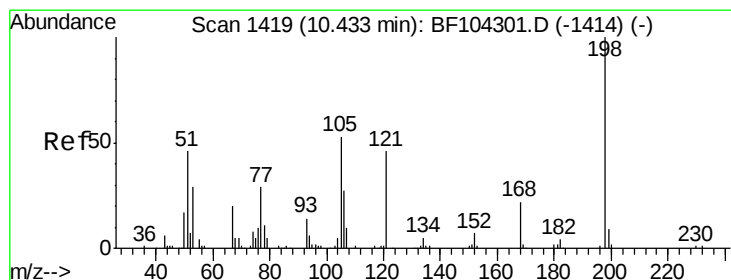
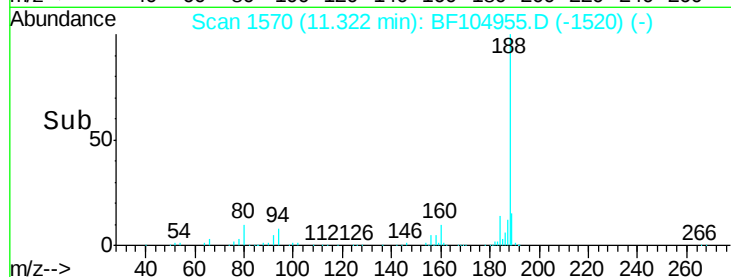
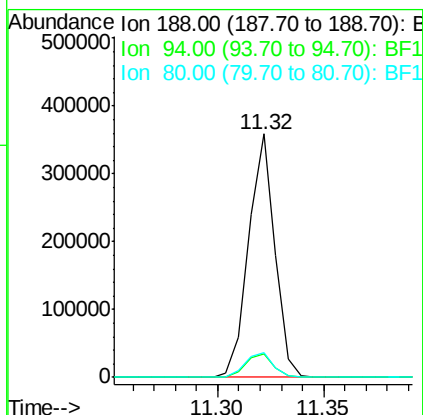
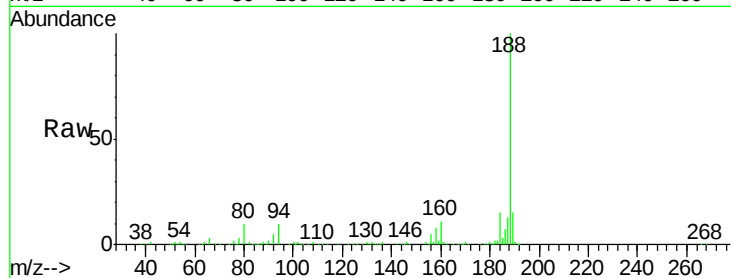




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

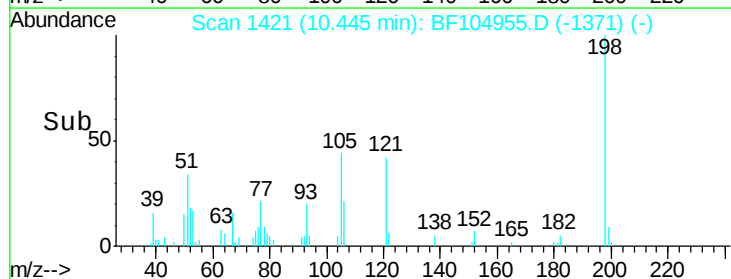
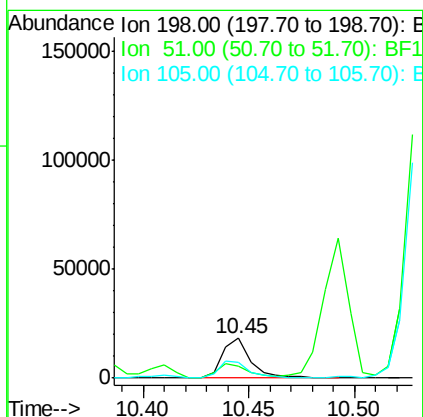
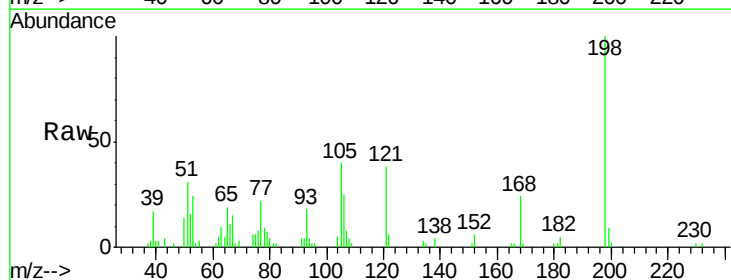
Instrument :
BNA_F
ClientSampleId :
PB108668BS

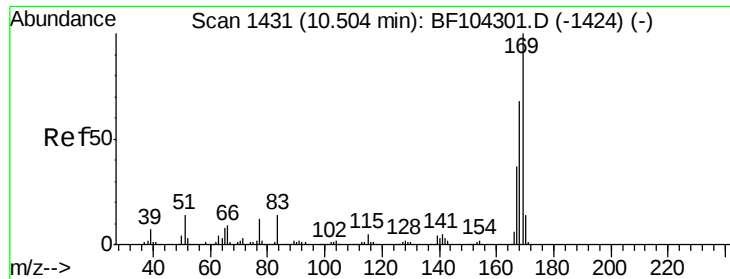
Tot Ion:188 Resp: 309094
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 16.992 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:198 Resp: 17143
Ion Ratio Lower Upper
198 100
51 31.0 37.7 77.7#
105 40.3 36.3 76.3

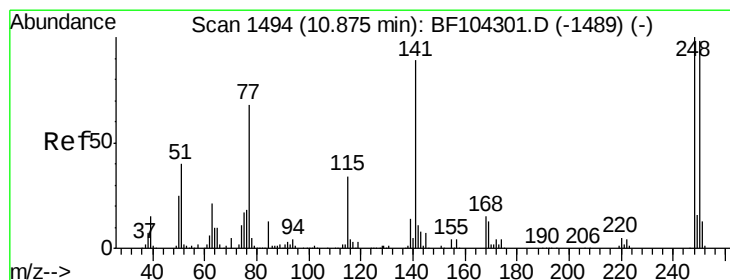
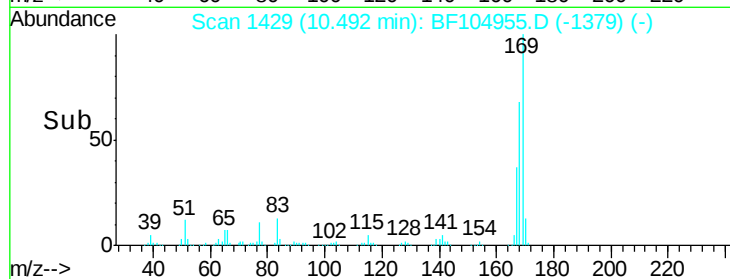
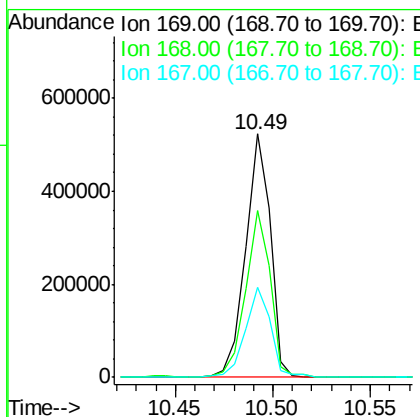
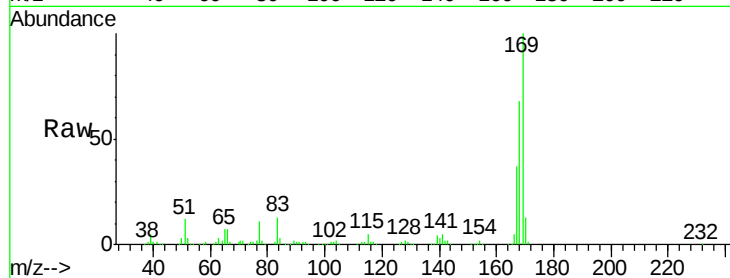




#65
 n-Nitrosodiphenylamine
 Concen: 43.010 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

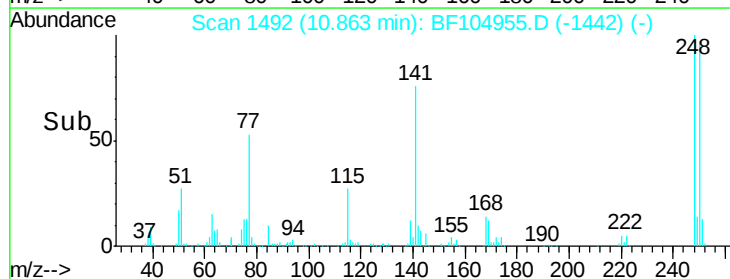
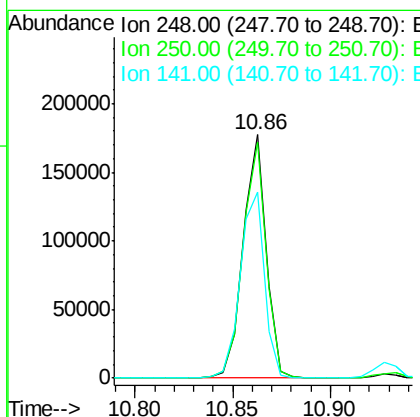
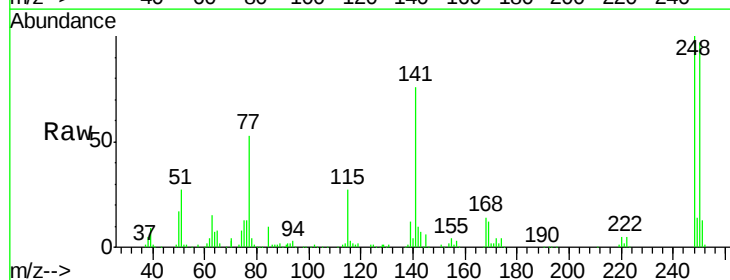
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.047 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	76.3	74.4	111.6

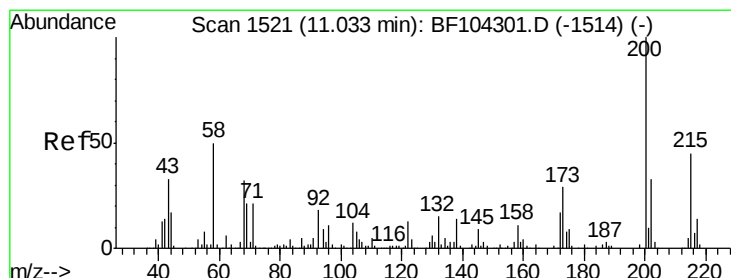
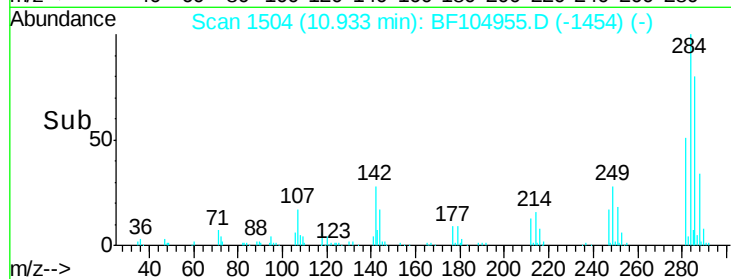
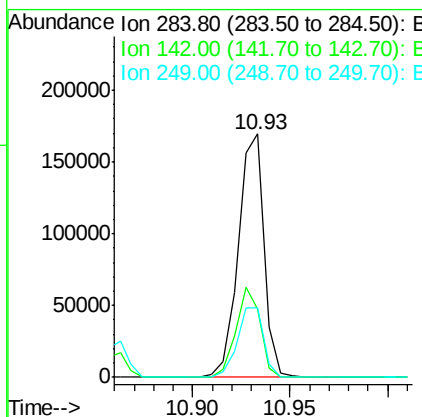
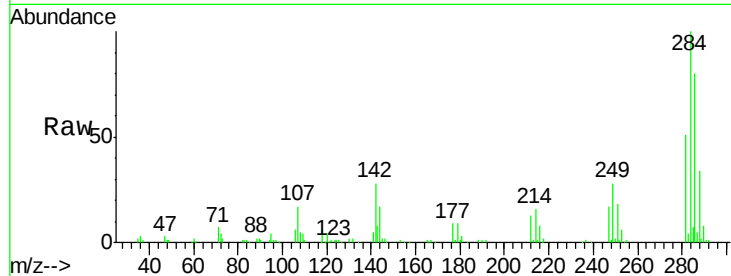




#67
Hexachlorobenzene
Concen: 41.696 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

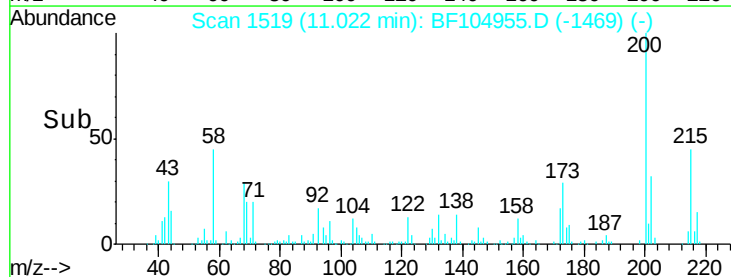
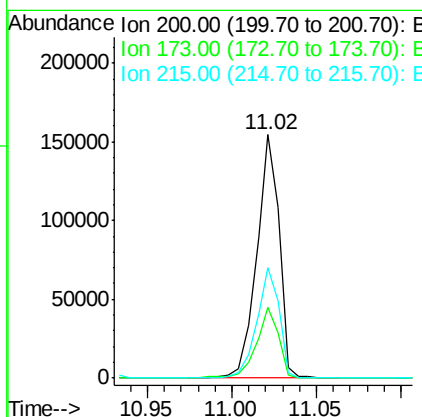
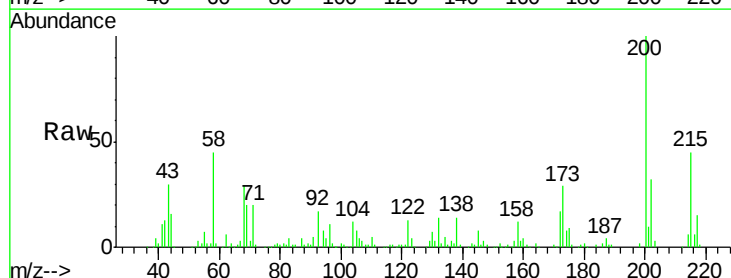
Instrument :
BNA_F
ClientSampleId :
PB108668BS

Tot Ion:284 Resp: 154250
Ion Ratio Lower Upper
284 100
142 28.2 34.6 52.0#
249 28.3 24.8 37.2



#68
Atrazine
Concen: 44.198 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:200 Resp: 142978
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 45.1 25.1 65.1





#69

Pentachlorophenol

Concen: 46.990 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

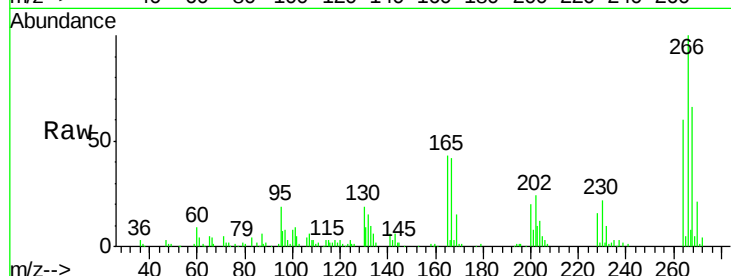
Tot Ion:266 Resp: 107543

Ion Ratio Lower Upper

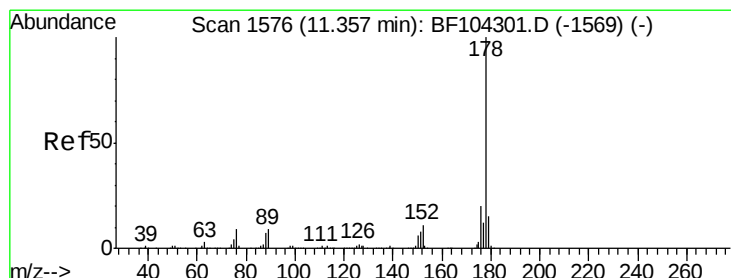
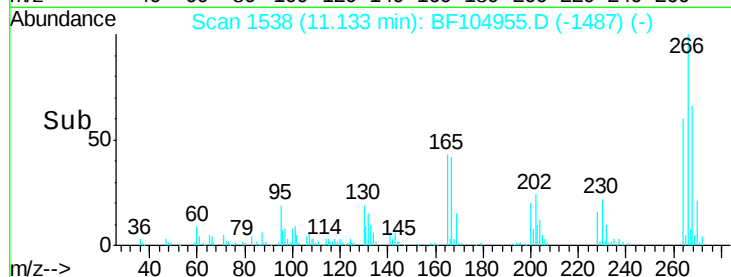
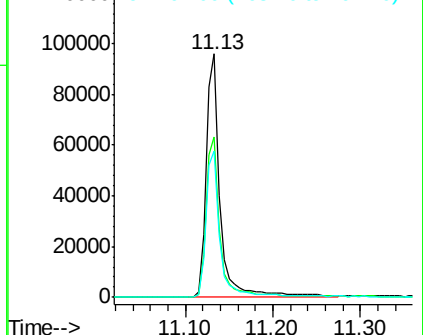
266 100

268 66.1 51.1 76.7

264 60.0 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: 38.702 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

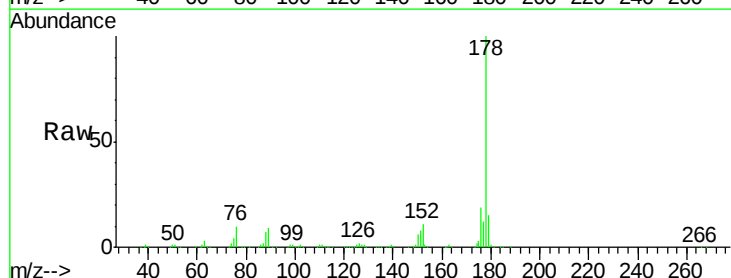
Tgt Ion:178 Resp: 666194

Ion Ratio Lower Upper

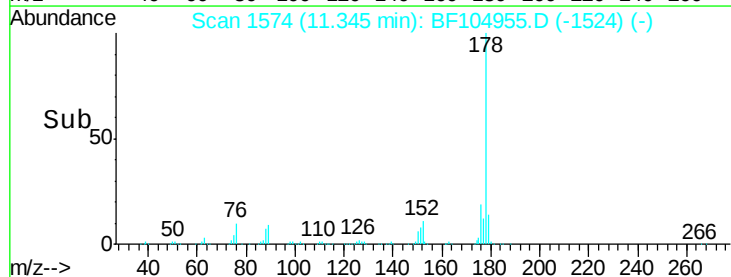
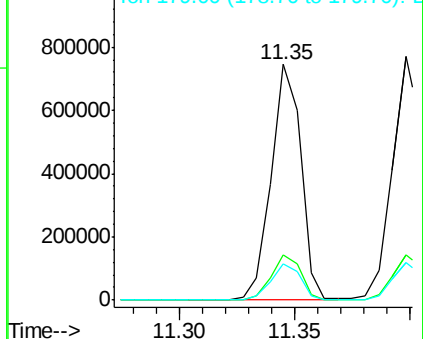
178 100

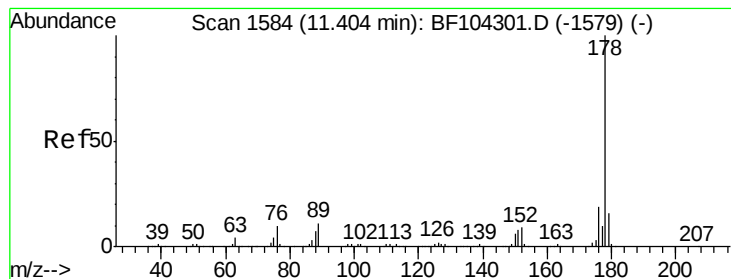
176 19.2 15.8 23.8

179 15.2 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: 39.602 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

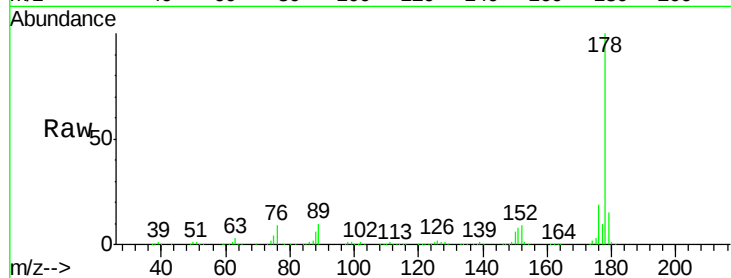
Tot Ion:178 Resp: 692943

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

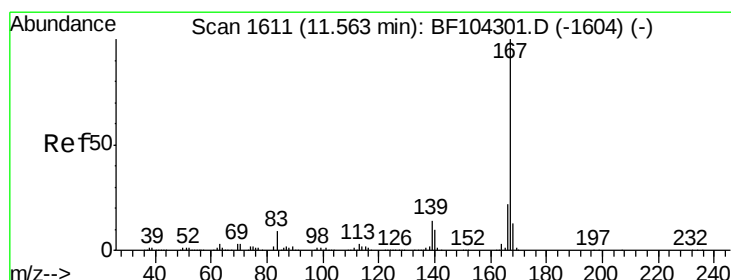
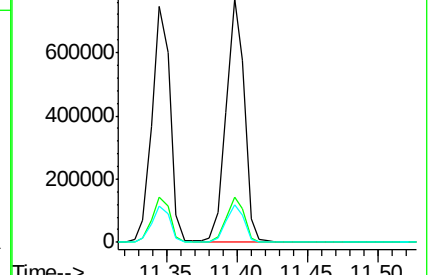
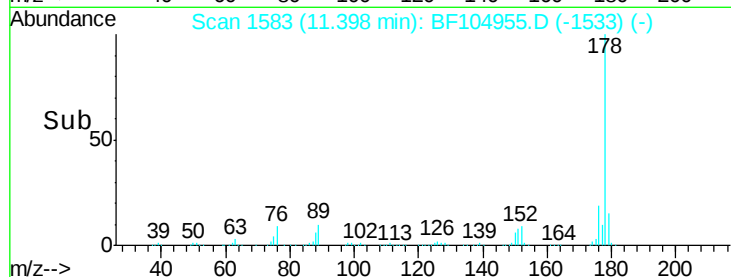
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.215 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

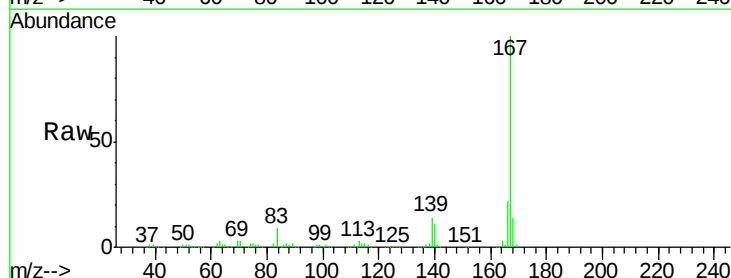
Tgt Ion:167 Resp: 602106

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

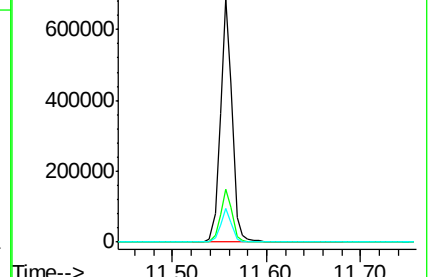
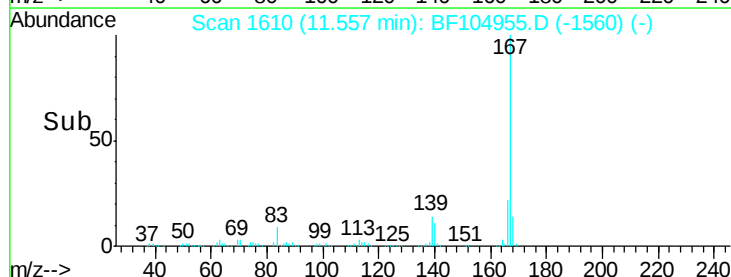
139 13.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.976 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

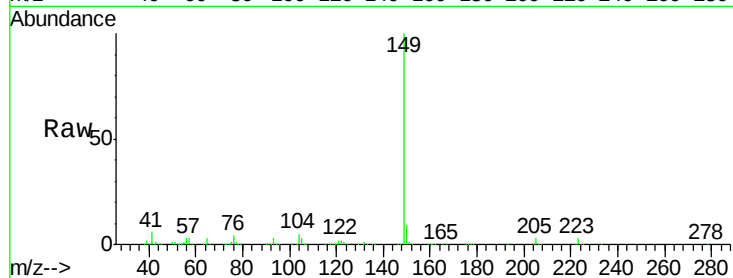
Tot Ion:149 Resp: 834946

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

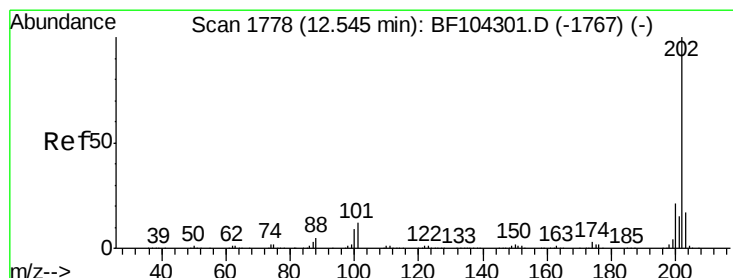
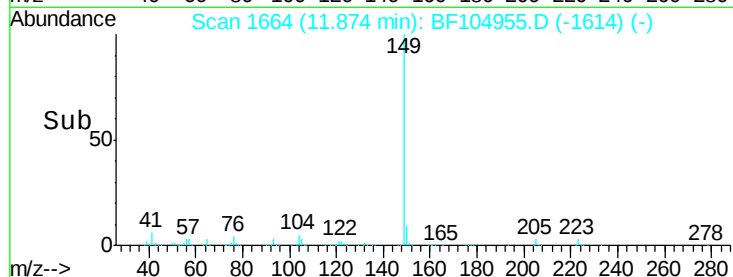
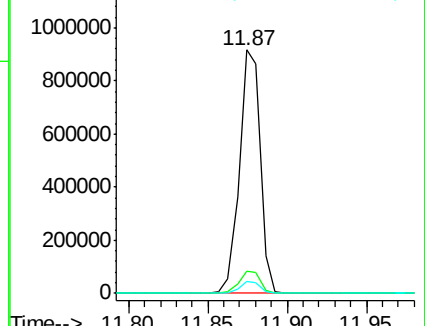
104 4.8 3.8 5.8



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: 33.453 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

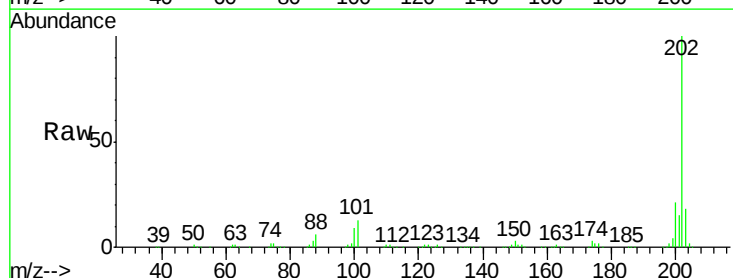
Tgt Ion:202 Resp: 601636

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

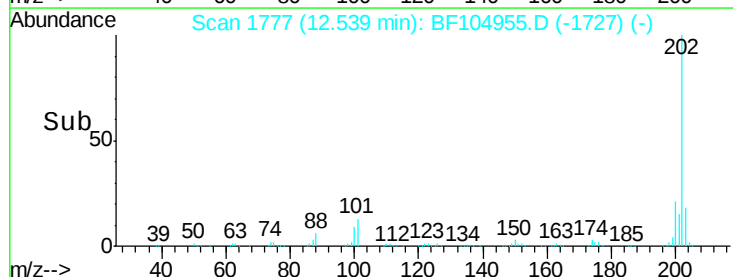
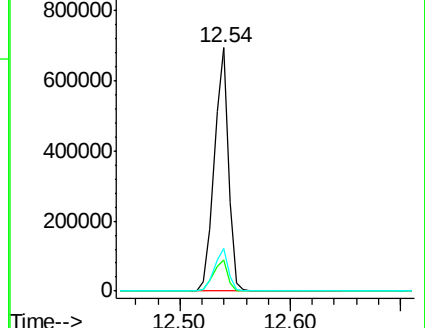
203 17.6 0.0 38.1

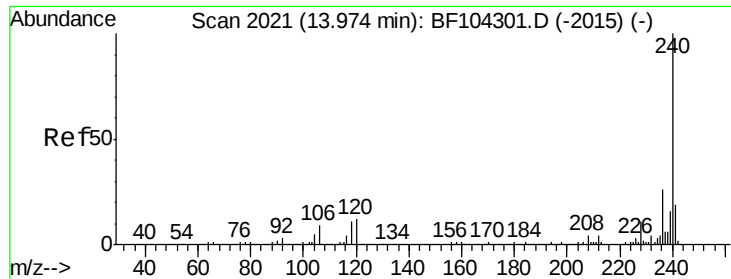


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

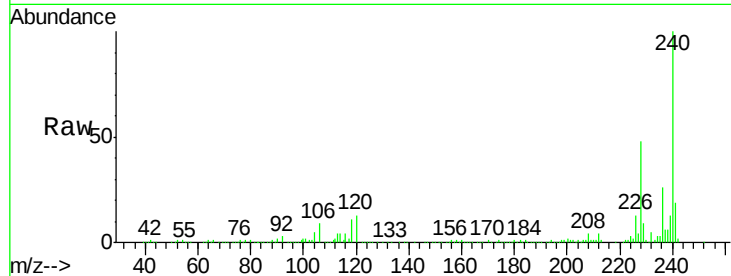
BNA_F

ClientSampleId :

PB108668BS

Tot Ion:240 Resp: 204817

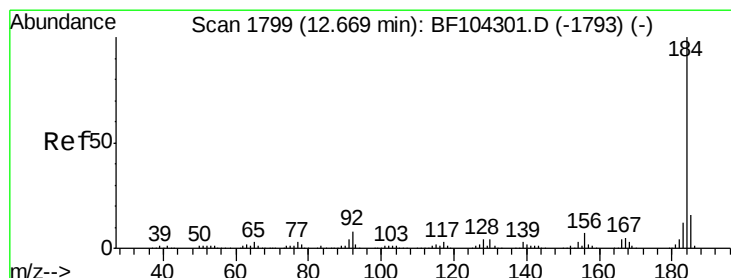
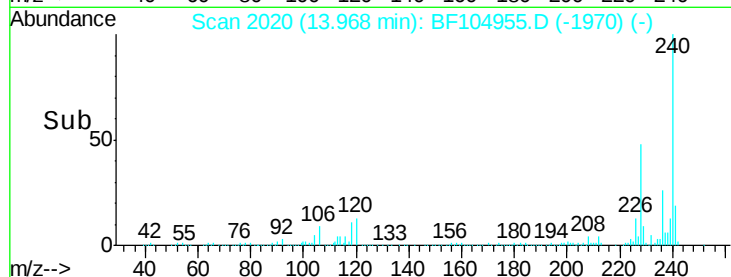
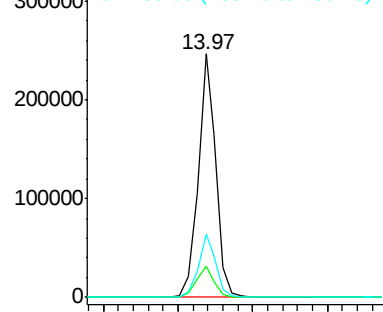
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.8	20.7	31.1



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: 43.790 ng

RT: 12.66 min Scan# 1798

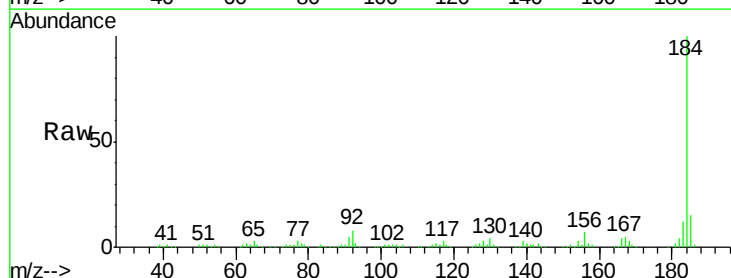
Delta R.T. 0.00 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Tgt Ion:184 Resp: 296127

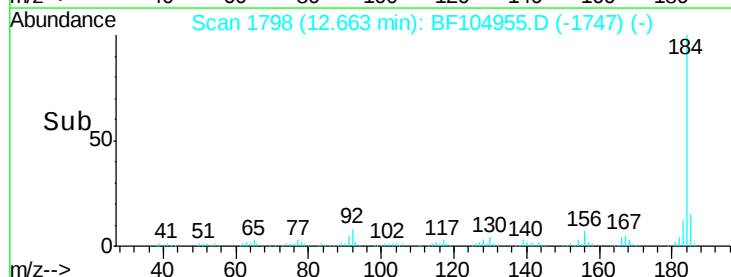
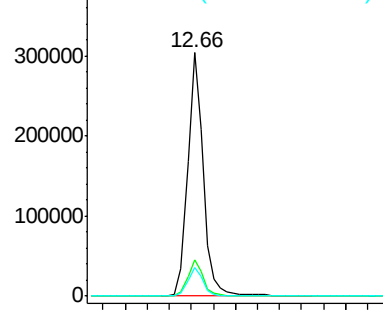
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.8	9.3	13.9

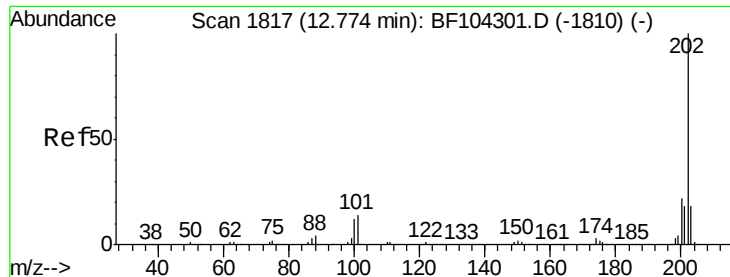


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

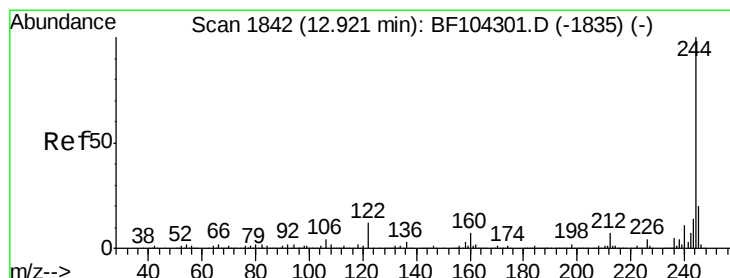
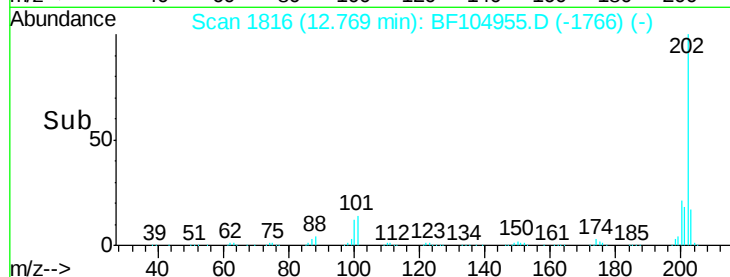
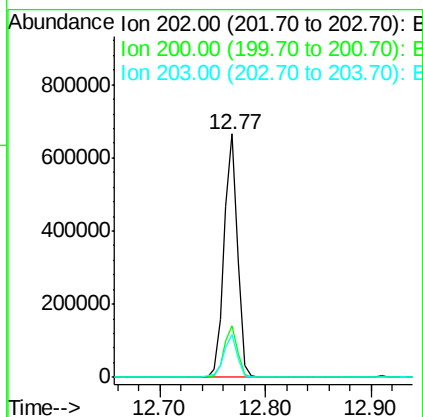
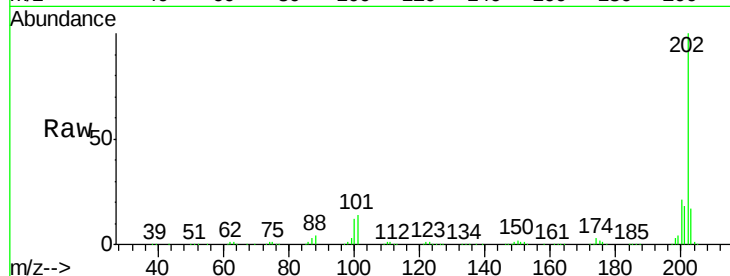




#77
Pvrene
Concen: 38.960 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

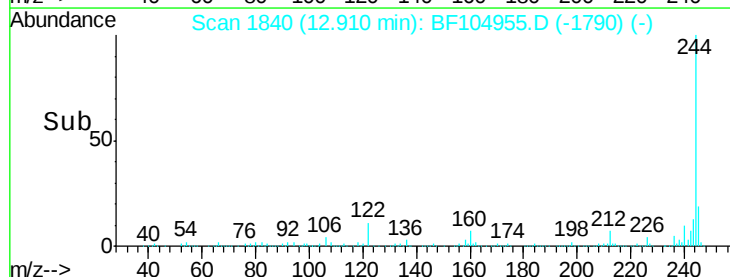
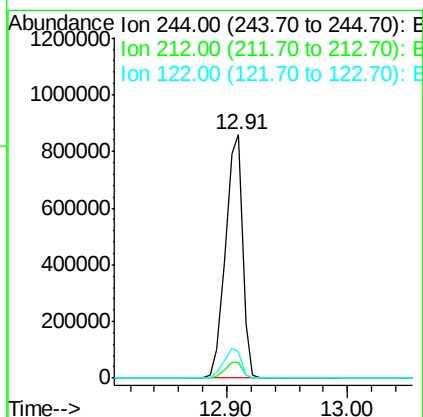
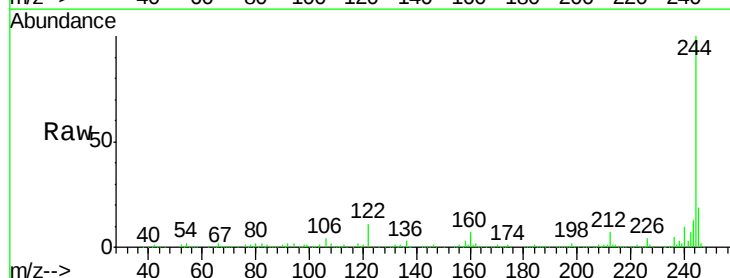
Instrument :
BNA_F
ClientSampleId :
PB108668BS

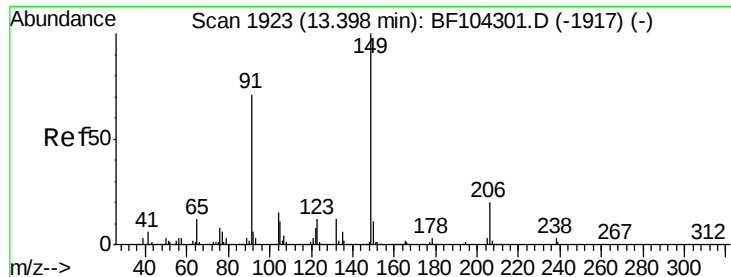
Tot Ion:202 Resp: 591484
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 93.278 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:244 Resp: 838002
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.8 11.0 16.4#

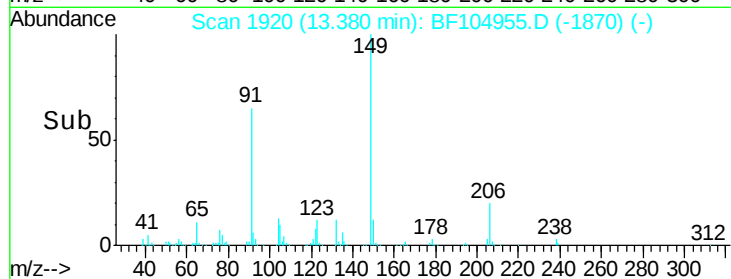
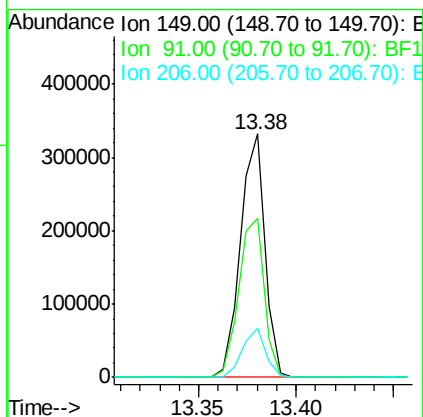
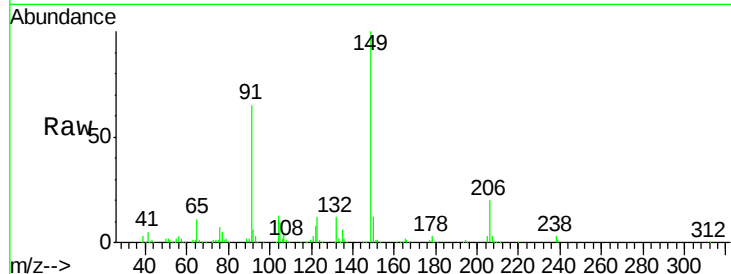




#79
Butylbenzylphthalate
Concen: 40.332 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

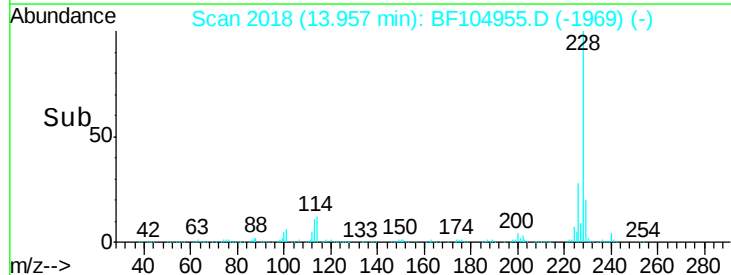
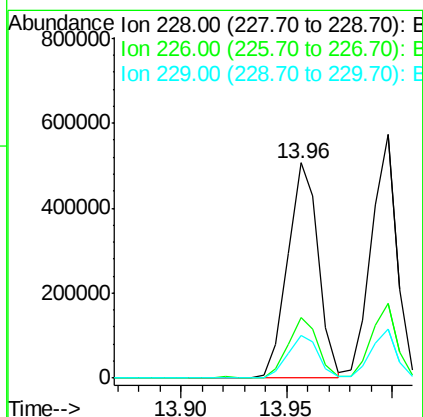
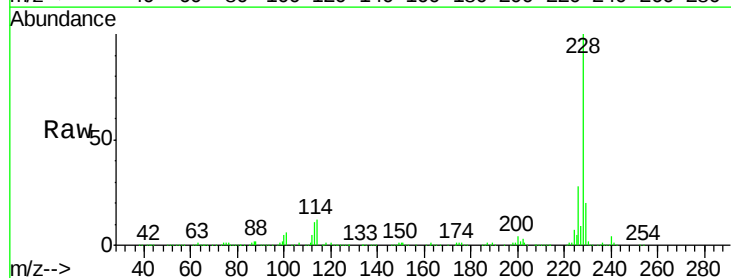
Instrument :
BNA_F
ClientSampleId :
PB108668BS

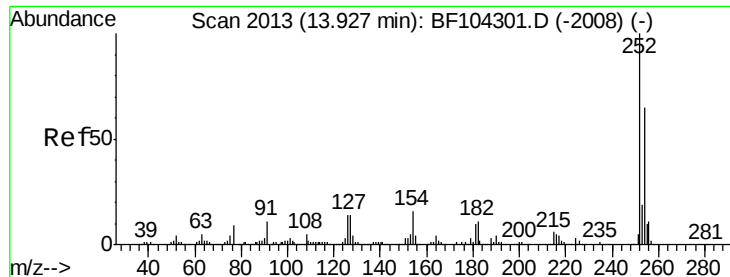
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.1	56.8	85.2
206	20.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.746 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.6	15.8	23.6

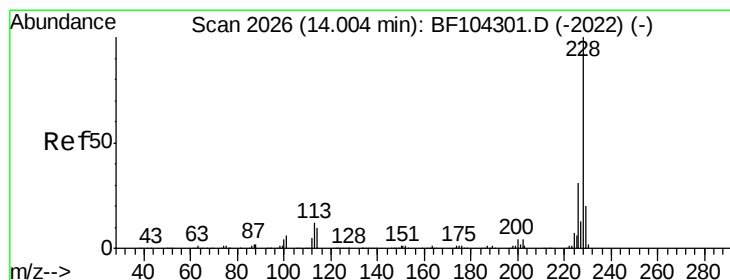
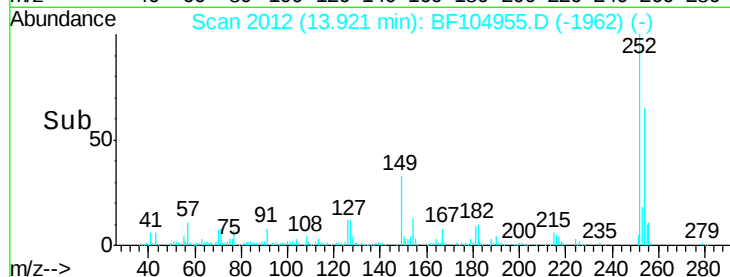
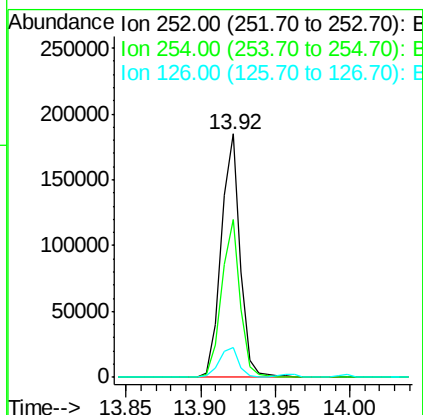
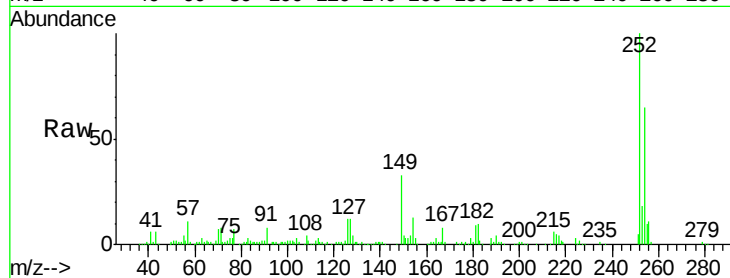




#81
 3,3'-Dichlorobenzidine
 Concen: 36.259 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

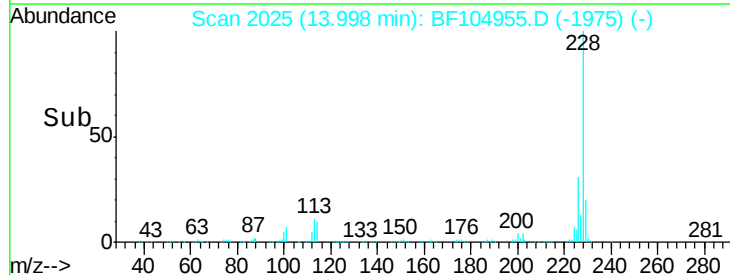
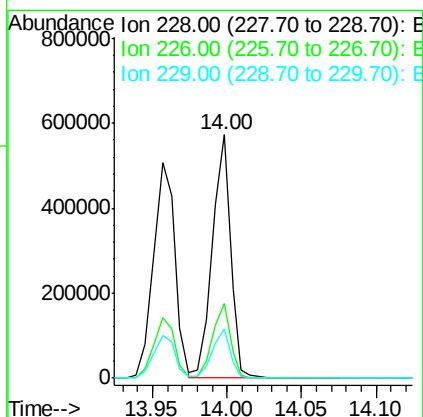
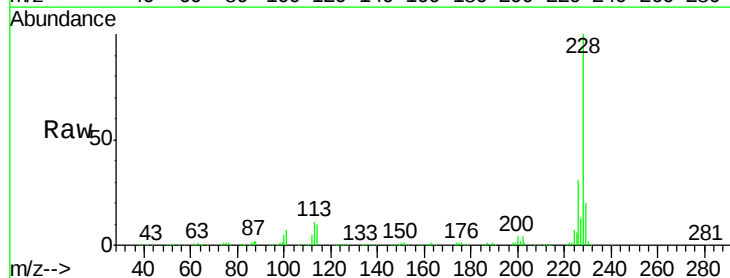
Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion:252 Resp: 165422
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 12.4 11.3 16.9



#82
 Chrysene
 Concen: 38.686 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion:228 Resp: 486218
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.522 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

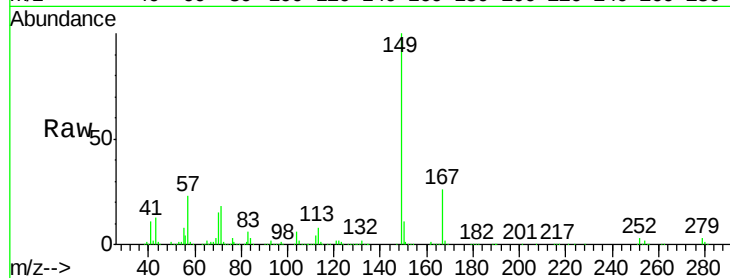
Tot Ion:149 Resp: 400385

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

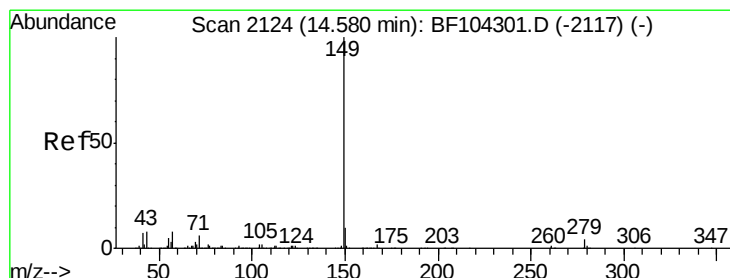
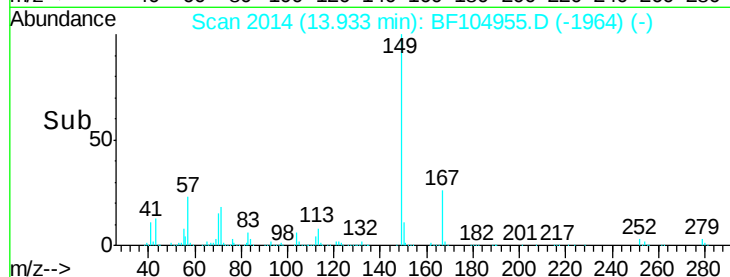
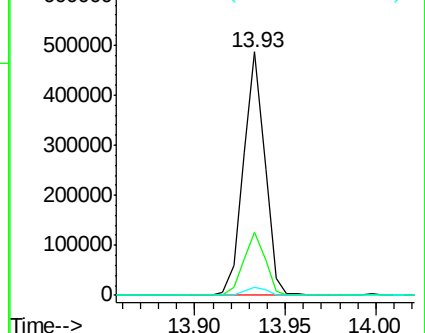
279 3.3 3.0 4.4



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: 42.634 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

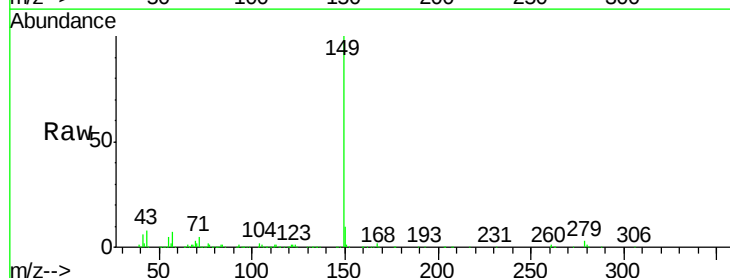
Tgt Ion:149 Resp: 655363

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

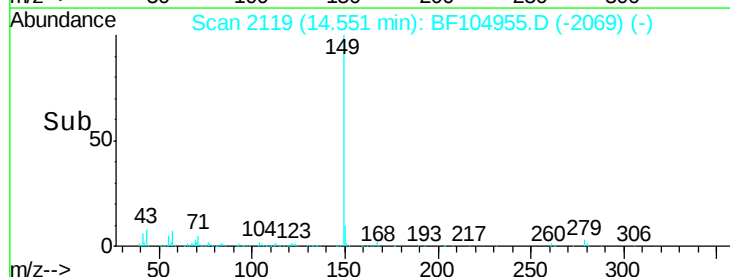
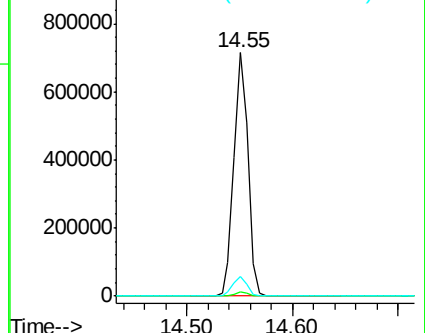
43 7.9 8.4 12.6#

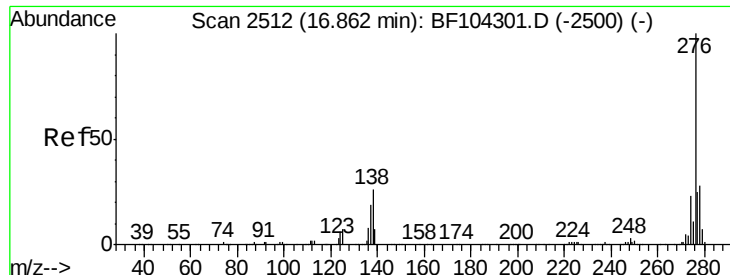


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

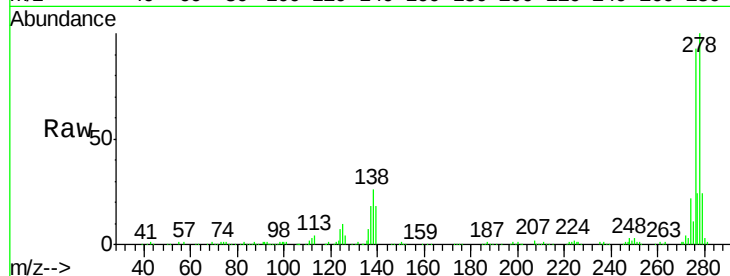




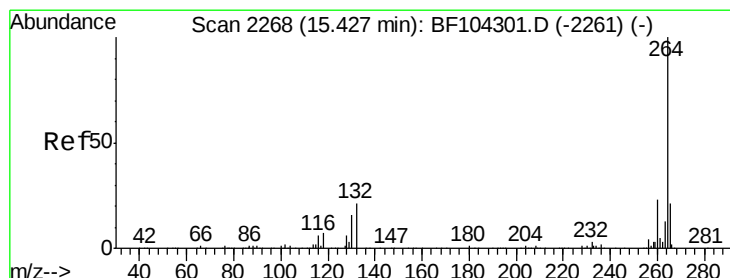
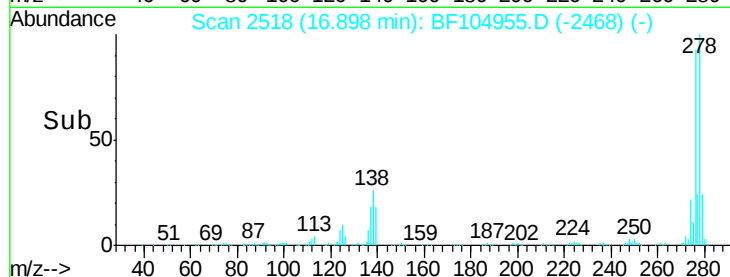
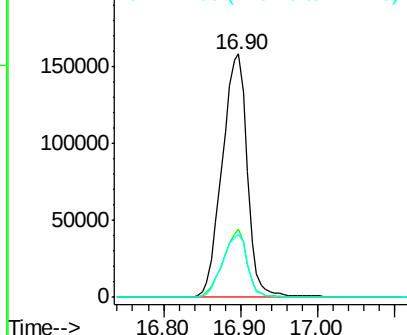
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.792 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Instrument :
 BNA_F
 ClientSampleId :
 PB108668BS

Tot Ion:276 Resp: 360781
 Ion Ratio Lower Upper
 276 100
 138 26.7 25.0 37.6
 277 25.7 20.1 30.1

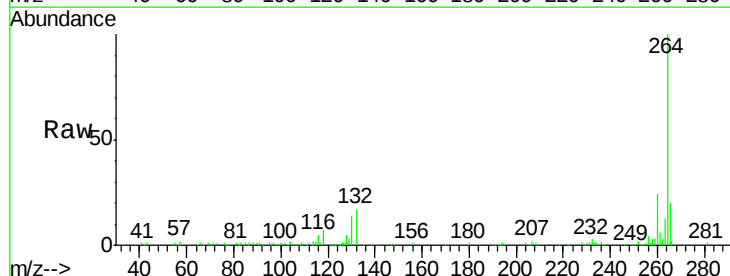


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

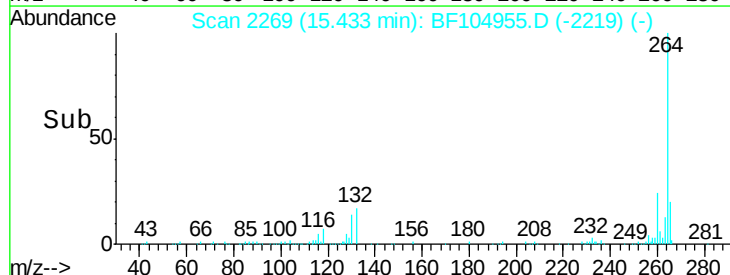
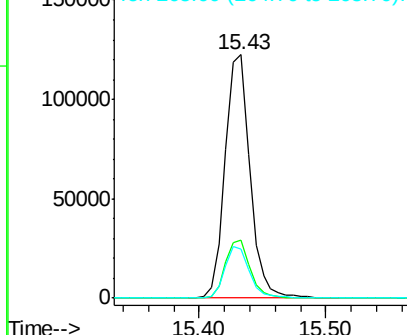


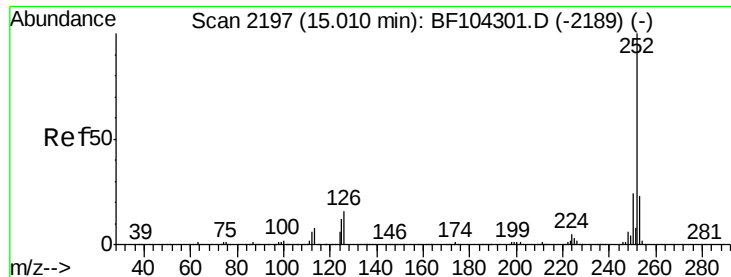
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104955.D
 Acq: 1 May 2018 2:06

Tgt Ion:264 Resp: 167108
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.2 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

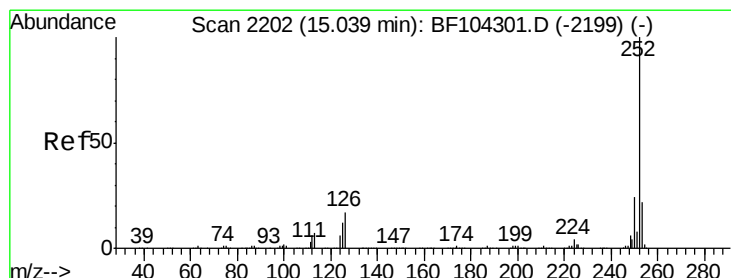
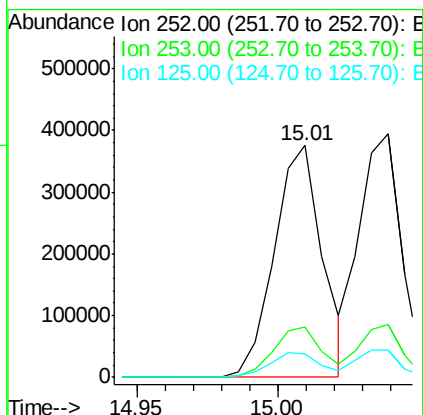
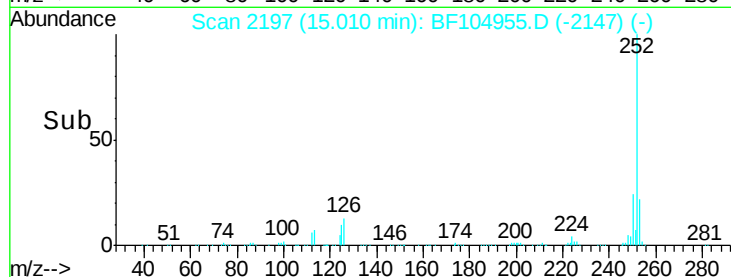
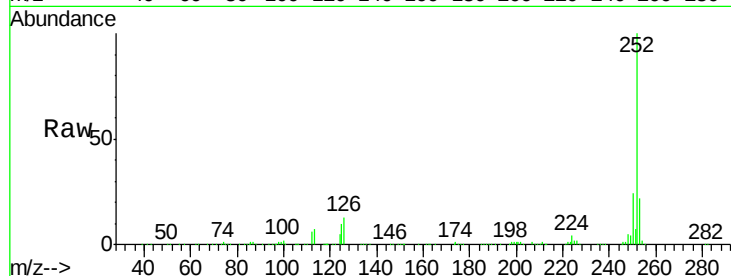




#87
Benzo(b)fluoranthene
Concen: 42.027 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

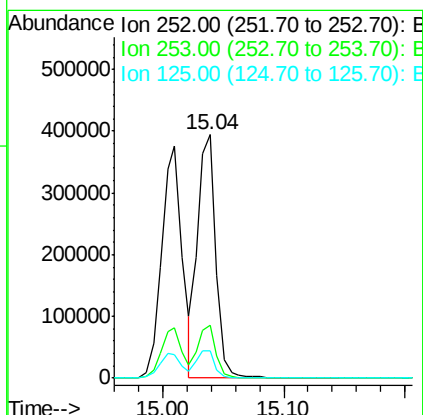
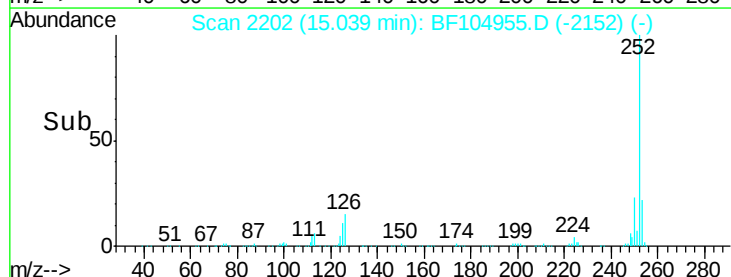
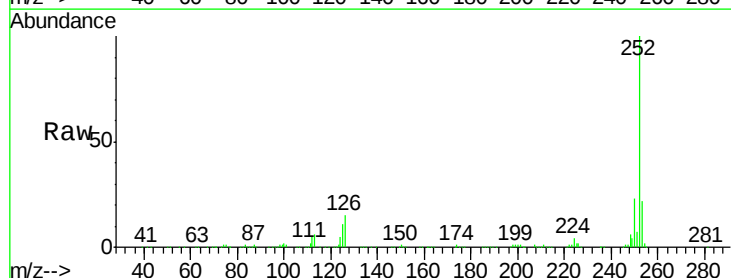
Instrument :
BNA_F
ClientSampleId :
PB108668BS

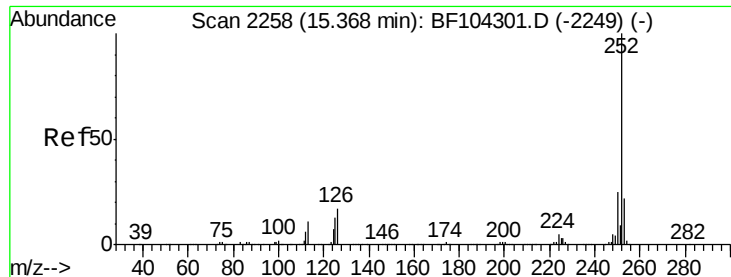
Tot Ion:252 Resp: 443565
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.566 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104955.D
Acq: 1 May 2018 2:06

Tgt Ion:252 Resp: 414167
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.453 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

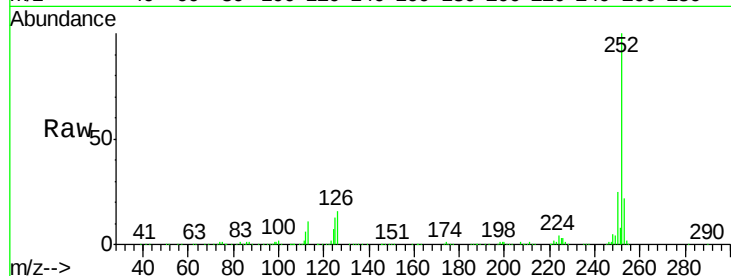
Tot Ion:252 Resp: 391463

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

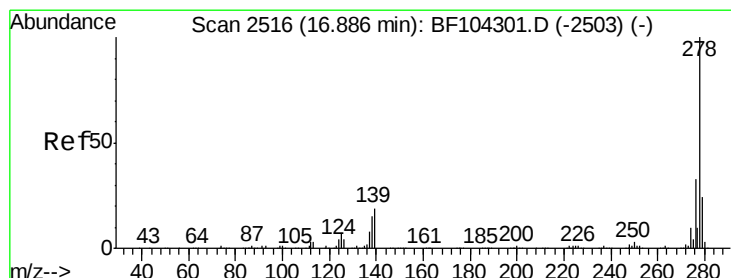
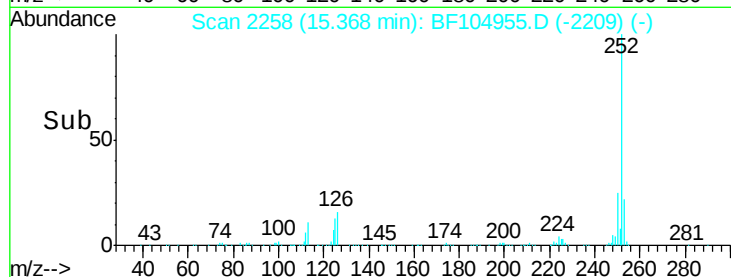
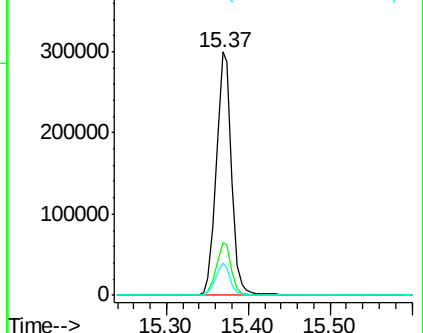
125 13.3 9.8 14.6



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: 40.186 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

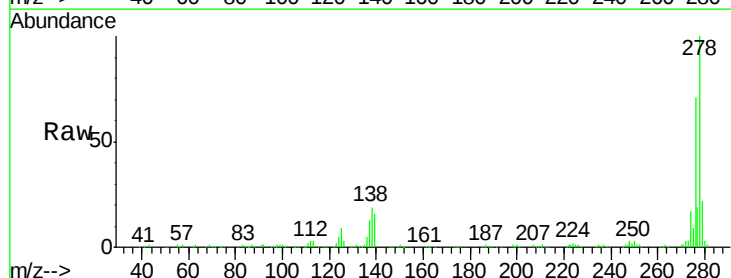
Tgt Ion:278 Resp: 311678

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

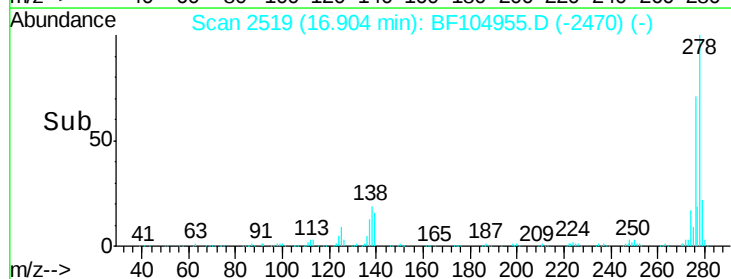
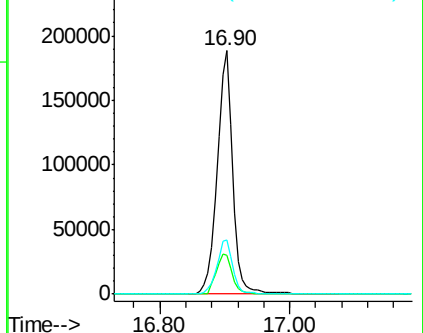
279 22.2 19.0 28.4

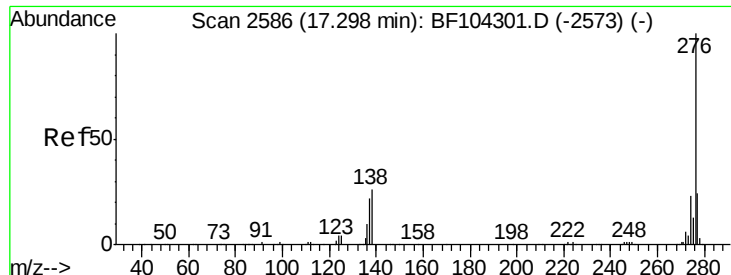


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.710 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BF104955.D

Acq: 1 May 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PB108668BS

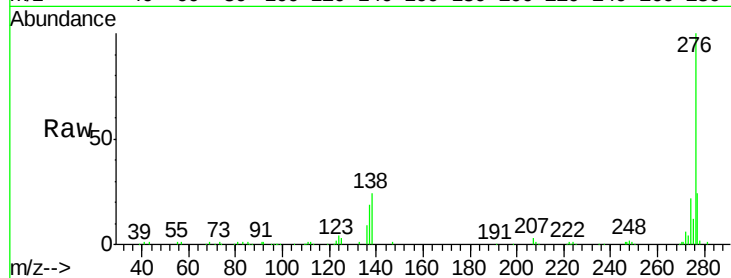
Tot Ion:276 Resp: 290872

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 23.9 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

