

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103925.D
 Acq On : 26 Mar 2018 14:50
 Operator : JU/SJ
 Sample : PB107589BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

Quant Time: Mar 27 07:21:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141170	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	577278	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	281572	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	514974	20.00	ng	0.00
75) Chrysene-d12	14.17	240	411407	20.00	ng	0.00
86) Perylene-d12	15.72	264	359651	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	967808	104.27	ng	0.02
7) Phenol-d6	6.60	99	1214726	106.98	ng	0.00
23) Nitrobenzene-d5	7.54	82	745567	90.07	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	330921	136.69	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1372023	77.73	ng	0.00
78) Terphenyl-d14	13.10	244	1403620	79.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.93	88	143859	31.478	ng	# 88
3) Pyridine	3.68	79	407085	32.384	ng	# 87
4) n-Nitrosodimethylamine	3.65	42	147407	31.804	ng	# 73
6) Aniline	6.64	93	198288	12.229	ng	97
8) 2-Chlorophenol	6.76	128	388030	39.909	ng	94
9) Benzaldehyde	6.53	77	100929	13.529	ng	94
10) Phenol	6.62	94	458382	37.989	ng	95
11) bis(2-Chloroethyl)ether	6.71	93	354866	35.626	ng	94
12) 1,3-Dichlorobenzene	6.92	146	396336	35.791	ng	99
13) 1,4-Dichlorobenzene	6.99	146	403415	36.253	ng	99
14) 1,2-Dichlorobenzene	7.15	146	376356	36.448	ng	99
15) Benzyl Alcohol	7.11	79	325928	37.045	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	460909	32.533	ng	93
17) 2-Methylphenol	7.22	107	323339	37.344	ng	98
18) Hexachloroethane	7.49	117	146602	37.454	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	250216	34.384	ng	94
20) 3+4-Methylphenols	7.37	107	396833	36.115	ng	92
22) Acetophenone	7.38	105	501165	33.779	ng	# 95
24) Nitrobenzene	7.56	77	386286	39.747	ng	97
25) Isophorone	7.79	82	719334	37.537	ng	99
26) 2-Nitrophenol	7.87	139	210880	55.255	ng	96
27) 2,4-Dimethylphenol	7.90	122	361455	44.029	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	464820	40.057	ng	100
29) 2,4-Dichlorophenol	8.11	162	323784	43.351	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	329019	37.981	ng	97
31) Naphthalene	8.28	128	1096542	37.603	ng	99
32) Benzoic acid	8.02	122	220580	40.127	ng	95
33) 4-Chloroaniline	8.32	127	64637	5.283	ng	95
34) Hexachlorobutadiene	8.39	225	174657	36.773	ng	100
35) Caprolactam	8.70	113	81337	31.626	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	352316	42.789	ng	98
37) 2-Methylnaphthalene	8.97	142	734766	39.733	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	309477	38.526	ng	99
40) Hexachlorocyclopentadiene	9.12	237	312892	75.486	ng	98

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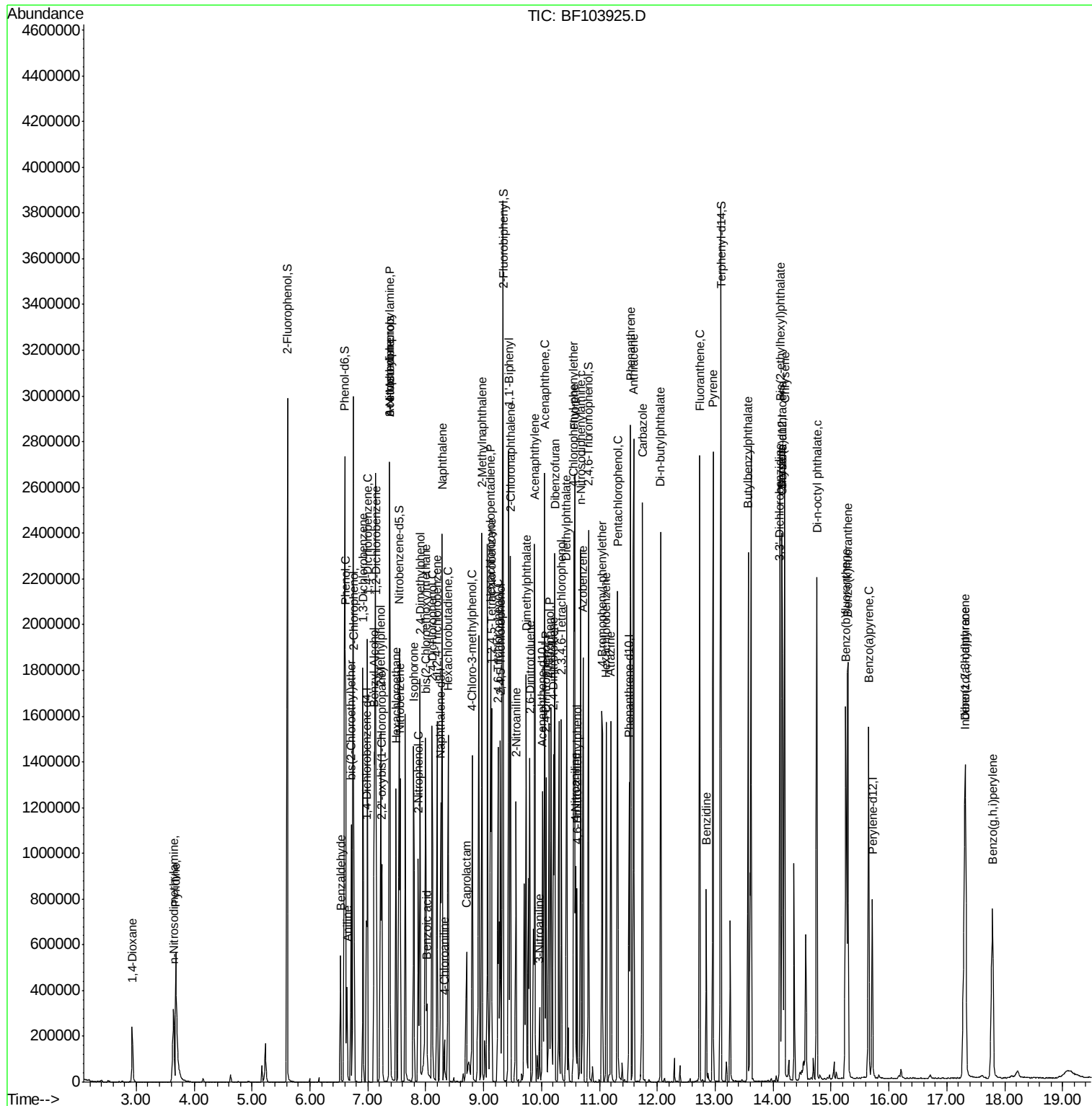
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	226369	44.057	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	236878	40.846	nq	96
45) 1,1'-Biphenyl	9.43	154	862341	36.728	nq	99
46) 2-Chloronaphthalene	9.46	162	692504	37.135	nq	99
47) 2-Nitroaniline	9.56	65	207667	43.340	nq	98
48) Acenaphthylene	9.88	152	1060354	36.668	nq	100
49) Dimethylphthalate	9.73	163	824748	38.392	nq	99
50) 2,6-Dinitrotoluene	9.80	165	185658	44.952	nq	95
51) Acenaphthene	10.05	154	628088	36.579	nq	100
52) 3-Nitroaniline	9.96	138	56480	14.253	nq	100
53) 2,4-Dinitrophenol	10.08	184	183320	110.376	nq #	21
54) Dibenzofuran	10.23	168	935726	38.157	nq	100
55) 4-Nitrophenol	10.13	139	313995	79.845	nq	91
56) 2,4-Dinitrotoluene	10.21	165	251394	47.782	nq #	85
57) Fluorene	10.57	166	745855	39.195	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	191298	46.553	nq	93
59) Diethylphthalate	10.43	149	790582	37.078	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	345499	39.727	nq	95
61) 4-Nitroaniline	10.59	138	194124	41.084	nq	91
62) Azobenzene	10.72	77	739151	34.098	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	119174	57.475	nq	86
65) n-Nitrosodiphenylamine	10.68	169	659452	37.621	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	213341	40.349	nq #	87
67) Hexachlorobenzene	11.12	284	235283	38.988	nq #	85
68) Atrazine	11.20	200	214859	39.624	nq	97
69) Pentachlorophenol	11.32	266	243474	70.176	nq	97
70) Phenanthrene	11.54	178	1065300	37.816	nq	99
71) Anthracene	11.59	178	1095456	38.287	nq	99
72) Carbazole	11.74	167	1026946	36.929	nq	99
73) Di-n-butylphthalate	12.06	149	1238845	37.127	nq	100
74) Fluoranthene	12.73	202	1123189	38.702	nq	97
76) Benzidine	12.84	184	306059	17.443	nq	98
77) Pyrene	12.96	202	1127076	37.304	nq	100
79) Butylbenzylphthalate	13.57	149	543600	40.609	nq	94
80) Benzo(a)anthracene	14.16	228	1006305	38.642	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	136601	15.682	nq	99
82) Chrysene	14.20	228	934279	37.635	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	748754	39.154	nq	100
84) Di-n-octyl phthalate	14.76	149	1255057	45.112	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.31	276	855208	39.448	nq	97
87) Benzo(b)fluoranthene	15.26	252	935176	41.158	nq	97
88) Benzo(k)fluoranthene	15.29	252	805927	36.898	nq	98
89) Benzo(a)pyrene	15.65	252	812971	39.447	nq	97
90) Dibenzo(a,h)anthracene	17.33	278	706998	39.618	nq	97
91) Benzo(g,h,i)perylene	17.79	276	717289	41.317	nq	97

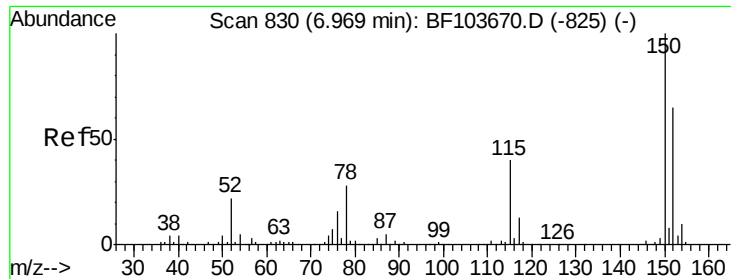
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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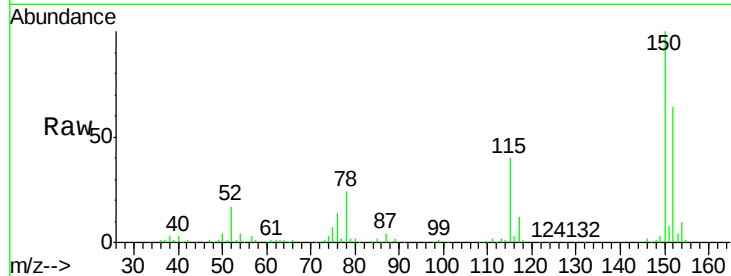


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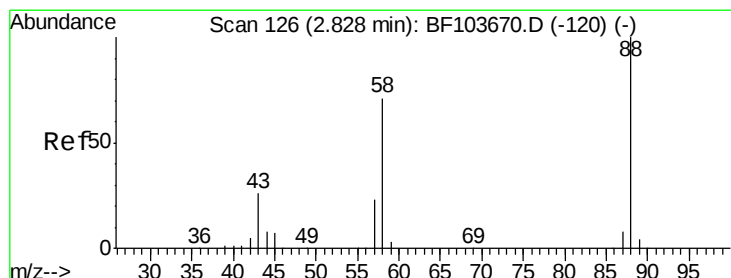
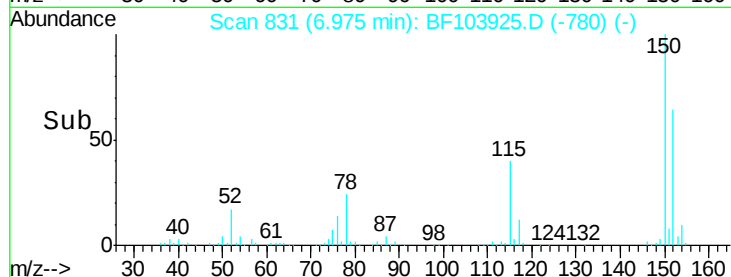
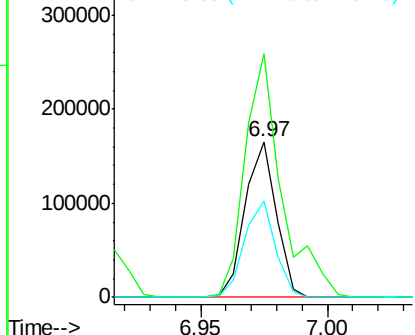
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB107589BS

Tot Ion:152 Resp: 141170
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.4 50.1 75.1



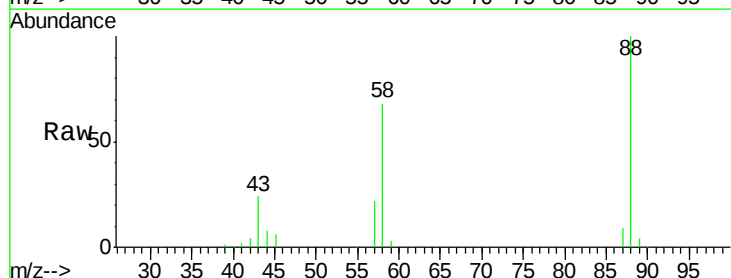
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



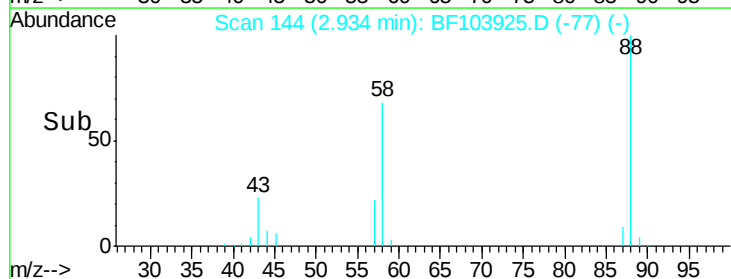
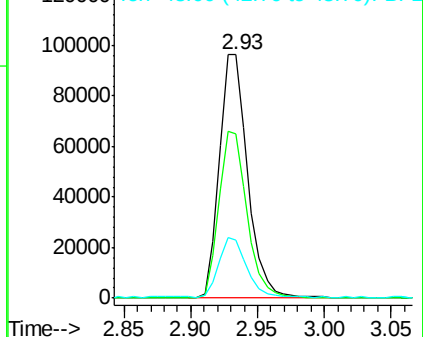
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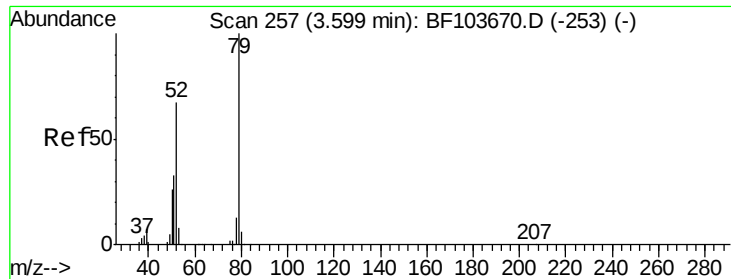
1,4-Dioxane
Concen: 31.478 ng
RT: 2.93 min Scan# 144
Delta R.T. 0.09 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion: 88 Resp: 143859
Ion Ratio Lower Upper
88 100
58 68.3 62.6 93.8
43 24.0 24.6 37.0#



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





#3

Pvridine

Concen: 32.384 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.06 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

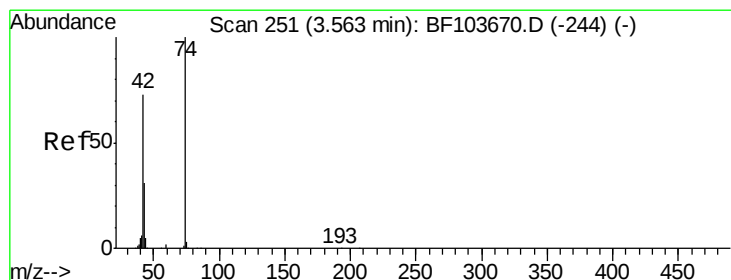
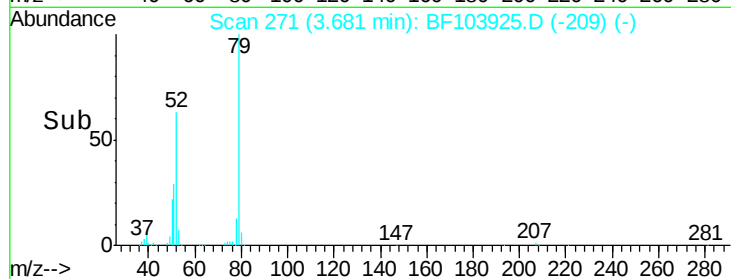
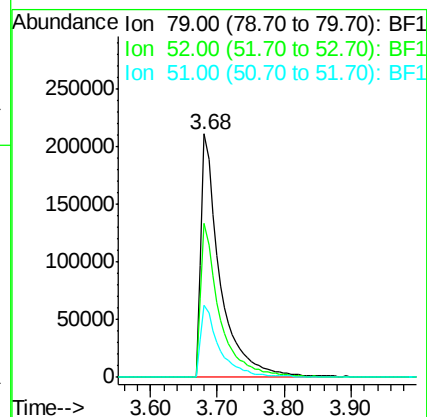
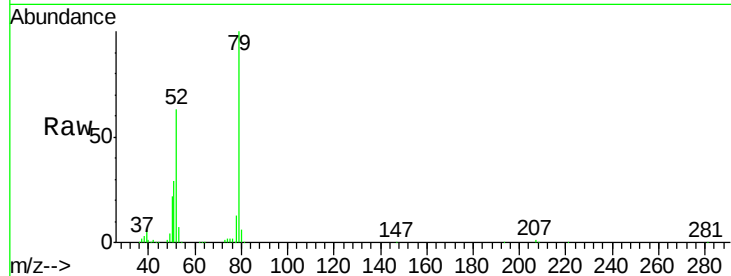
Tot Ion: 79 Resp: 407085

Ion Ratio Lower Upper

79 100

52 63.1 59.8 89.6

51 29.5 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 31.804 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

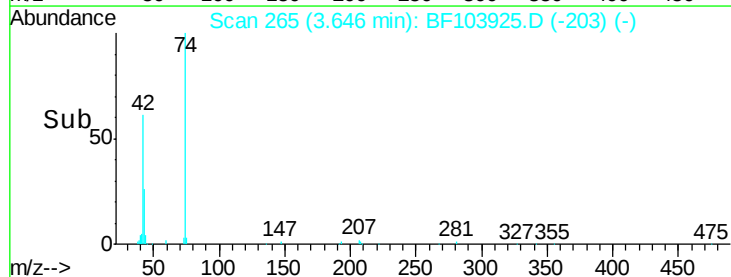
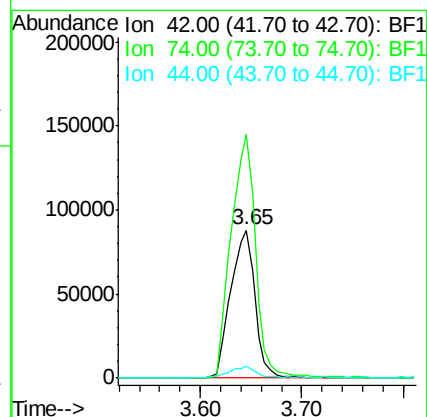
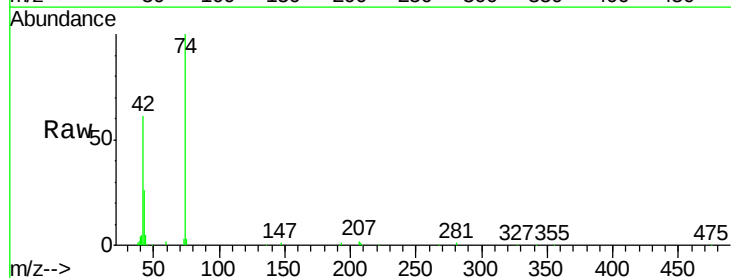
Tgt Ion: 42 Resp: 147407

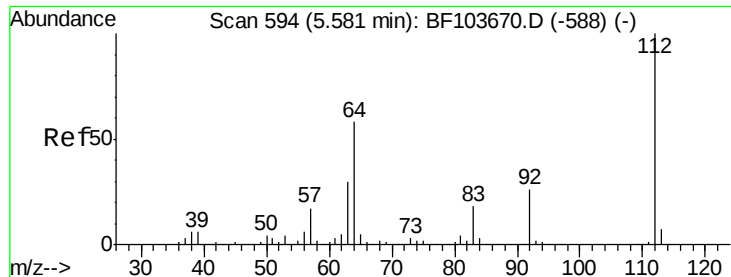
Ion Ratio Lower Upper

42 100

74 164.3 104.9 157.3#

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 104.274 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103925.D

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Instrument :

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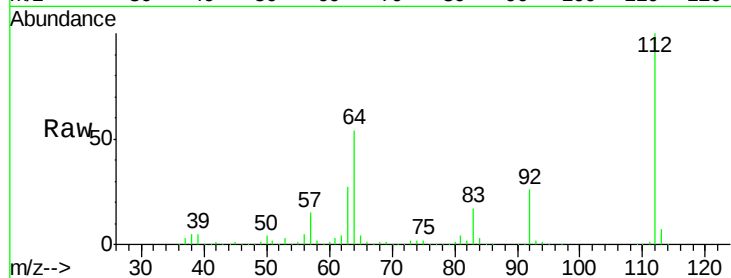
Tot Ion:112 Resp: 967808

Ion Ratio Lower Upper

112 100

64 53.8 47.9 71.9

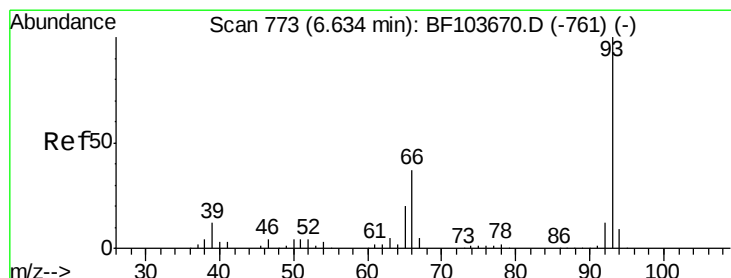
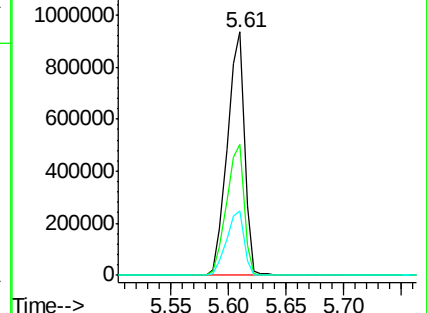
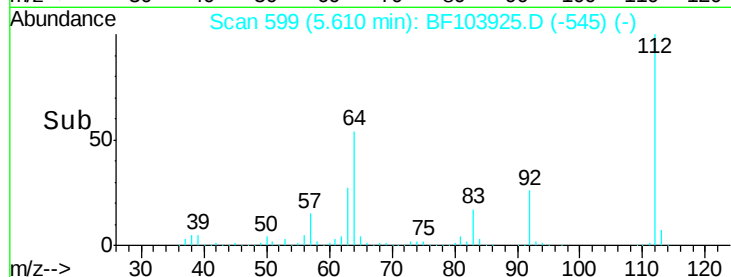
63 26.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.229 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

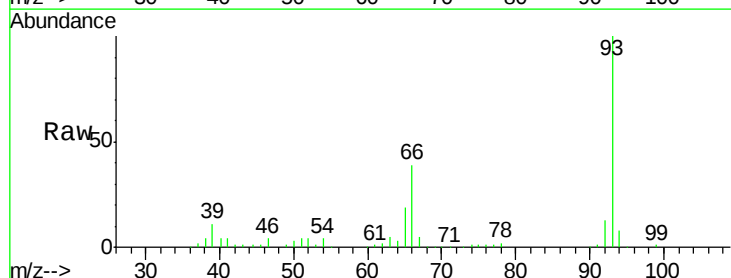
Tgt Ion: 93 Resp: 198288

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

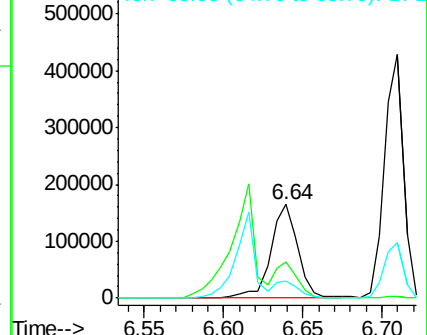
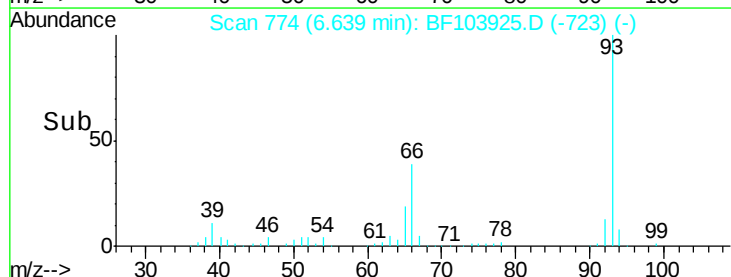
65 18.7 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.976 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

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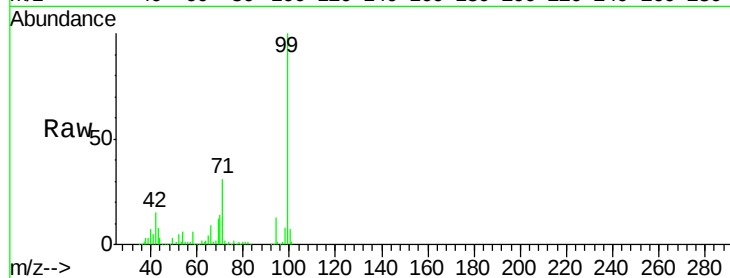
Tot Ion: 99 Resp: 1214726

Ion Ratio Lower Upper

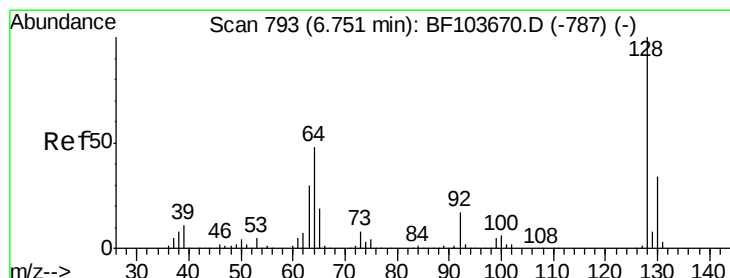
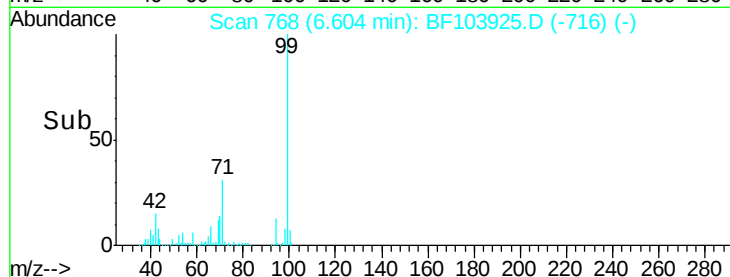
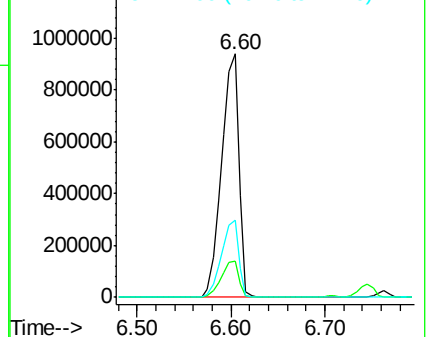
99 100

42 14.8 14.5 21.7

71 31.5 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: 39.909 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103925.D

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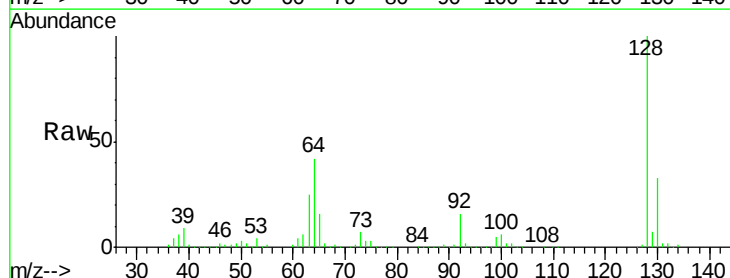
Tgt Ion: 128 Resp: 388030

Ion Ratio Lower Upper

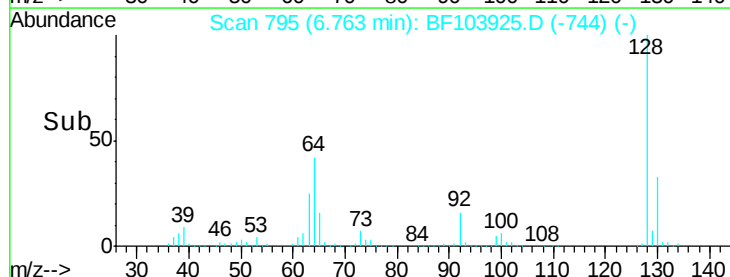
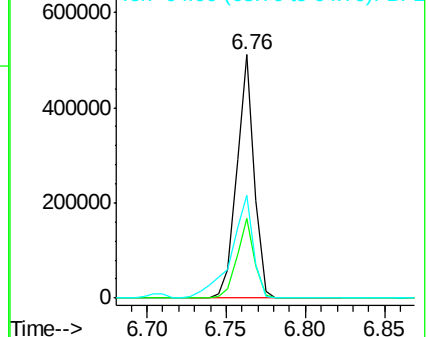
128 100

130 32.7 13.0 53.0

64 42.2 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: 13.529 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

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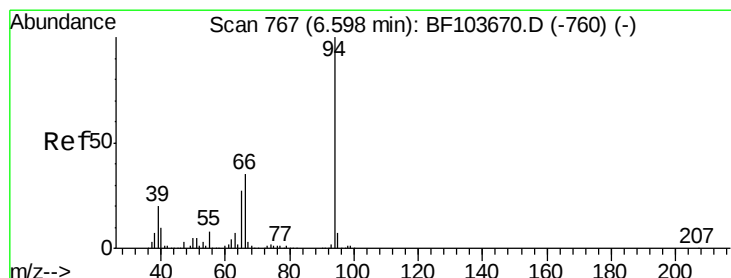
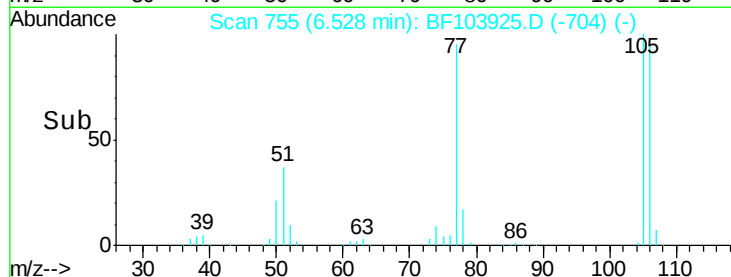
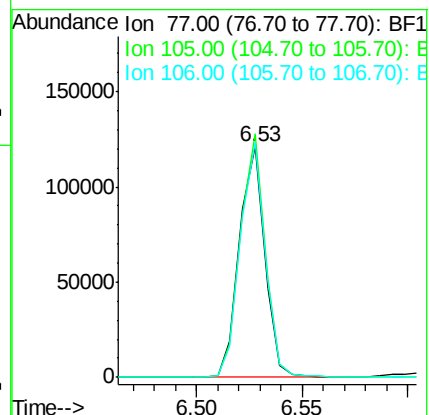
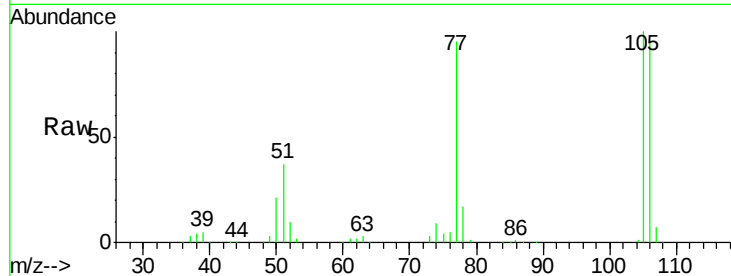
Tot Ion: 77 Resp: 100929

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

106 101.5 74.5 114.5



#10

Phenol

Concen: 37.989 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF103925.D

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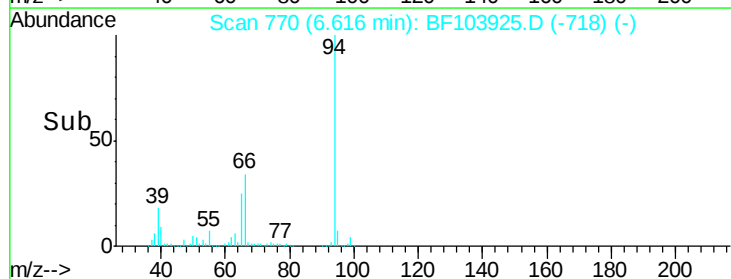
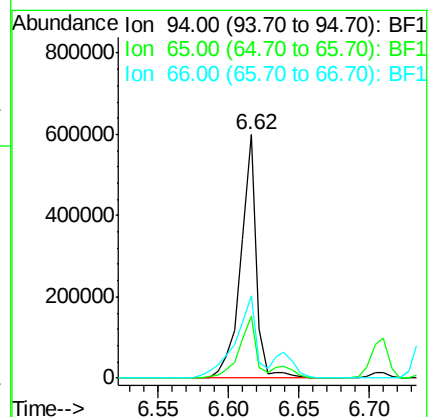
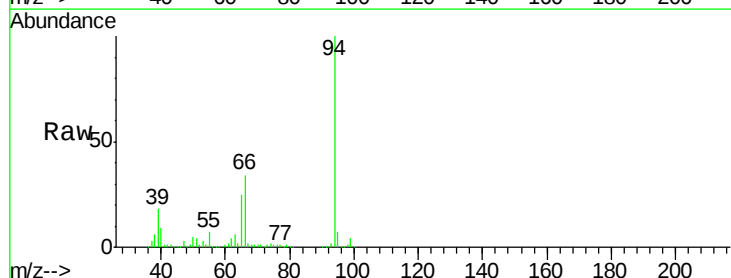
Tgt Ion: 94 Resp: 458382

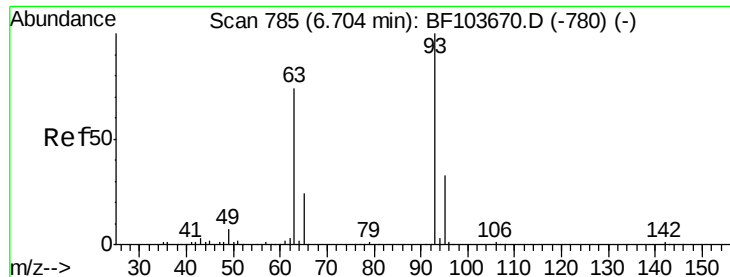
Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

66 33.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.626 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

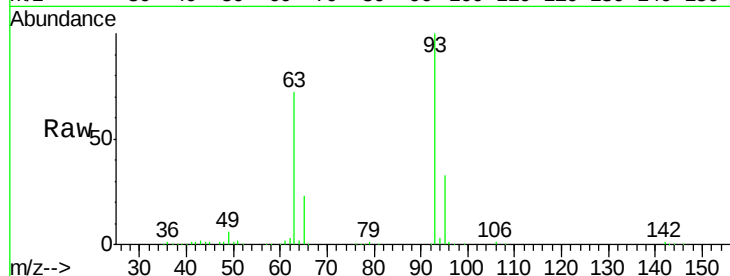
Tot Ion: 93 Resp: 354866

Ion Ratio Lower Upper

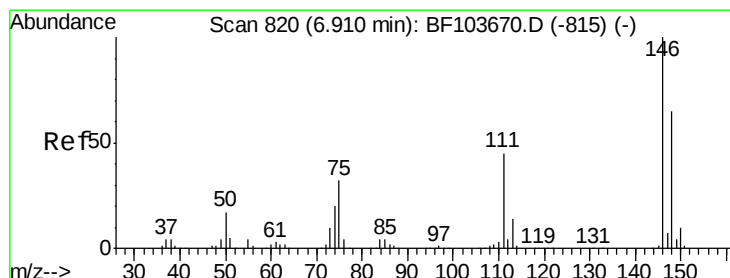
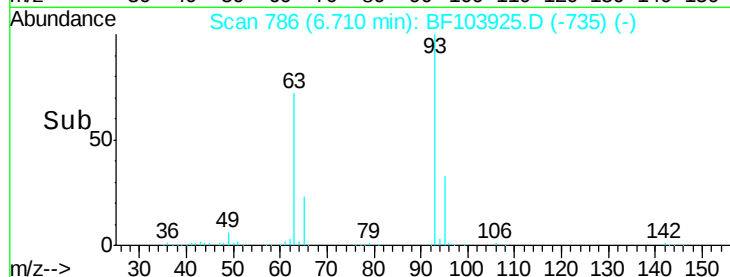
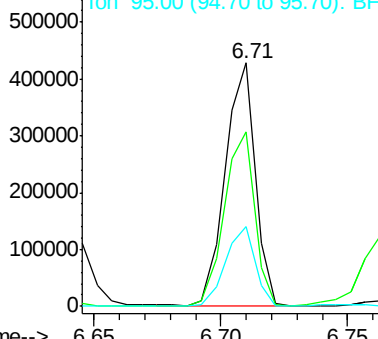
93 100

63 71.6 58.6 98.6

95 32.7 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 35.791 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

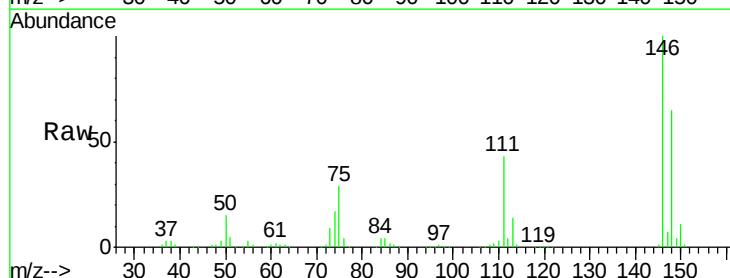
Tgt Ion: 146 Resp: 396336

Ion Ratio Lower Upper

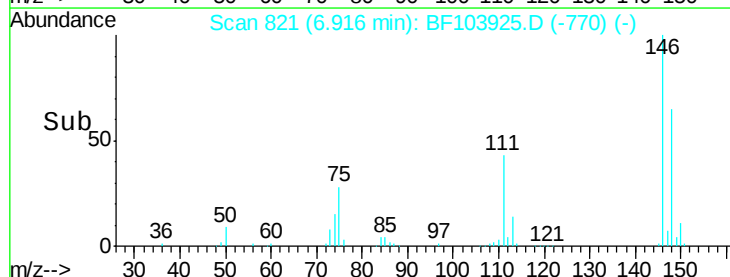
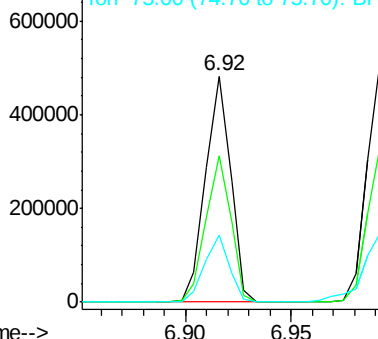
146 100

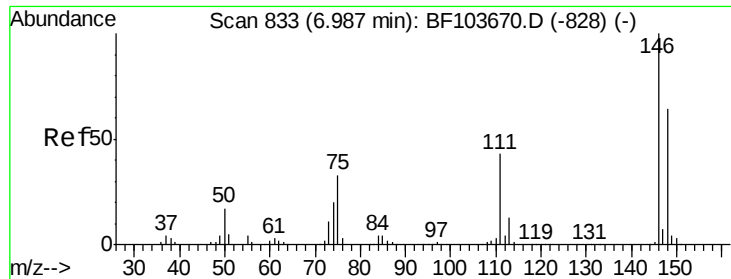
148 64.7 51.8 77.8

75 29.4 24.2 36.4



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

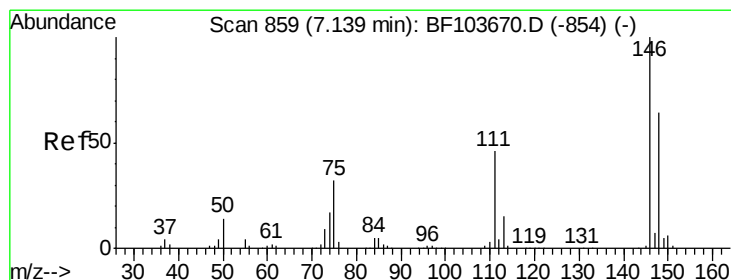
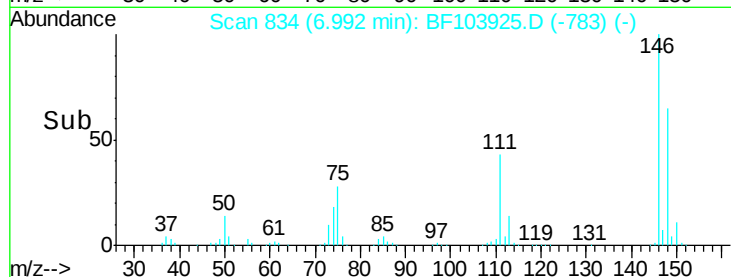
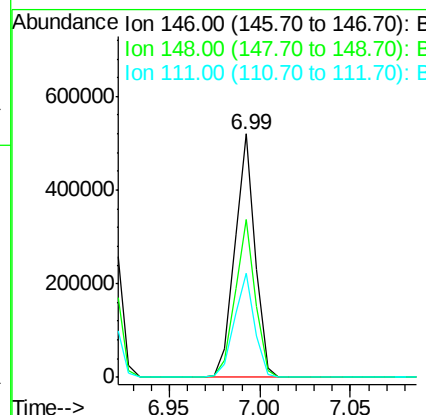
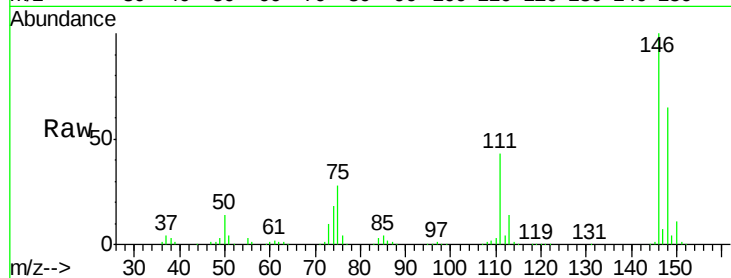




#13
 1,4-Dichlorobenzene
 Concen: 36.253 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

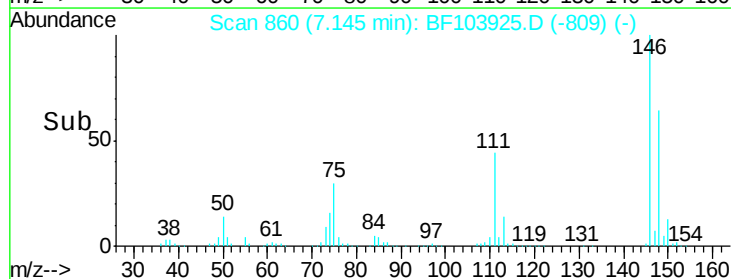
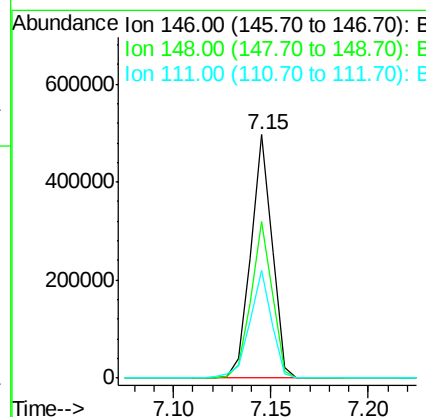
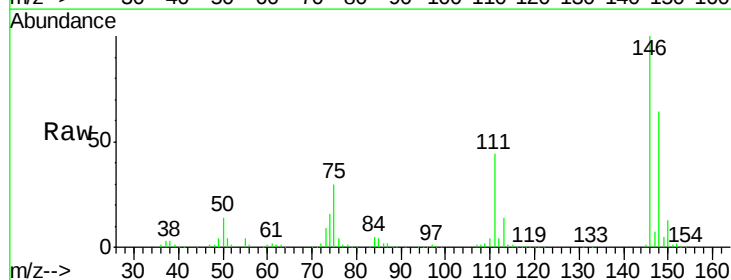
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

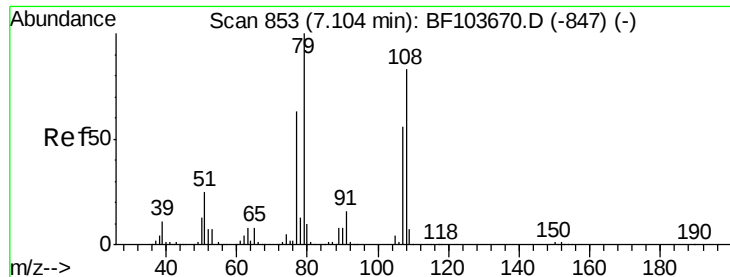
Tot Ion:146 Resp: 403415
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.448 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion:146 Resp: 376356
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 44.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.045 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

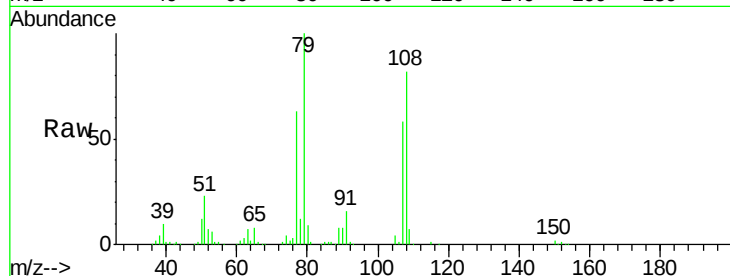
Tot Ion: 79 Resp: 325928

Ion Ratio Lower Upper

79 100

108 81.9 65.1 97.7

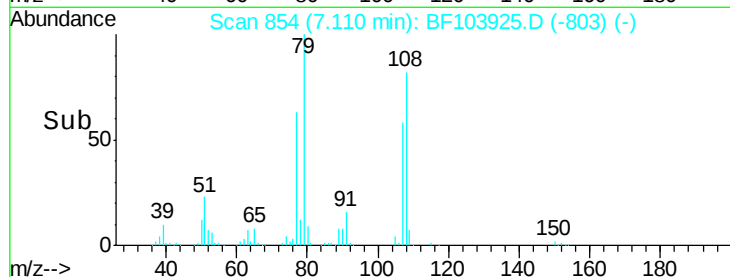
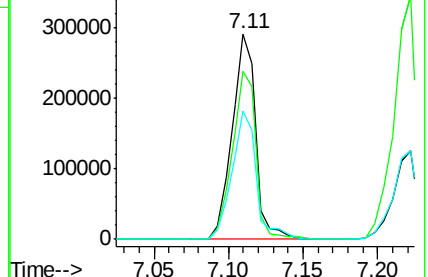
77 62.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.533 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

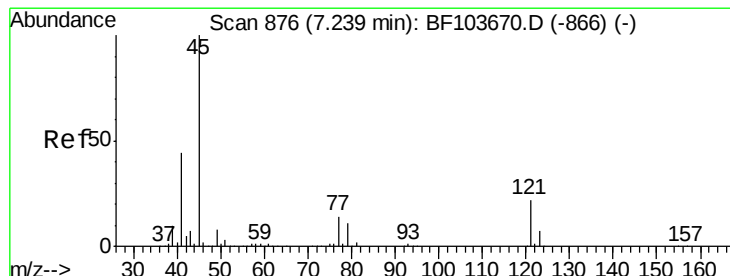
Tgt Ion: 45 Resp: 460909

Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.9

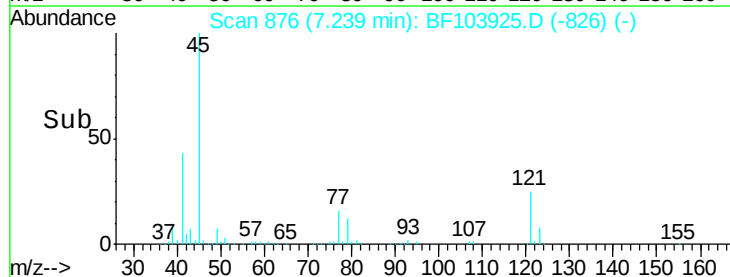
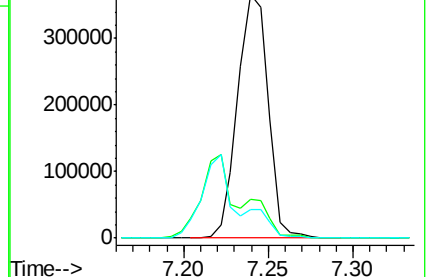
79 12.0 0.0 29.6

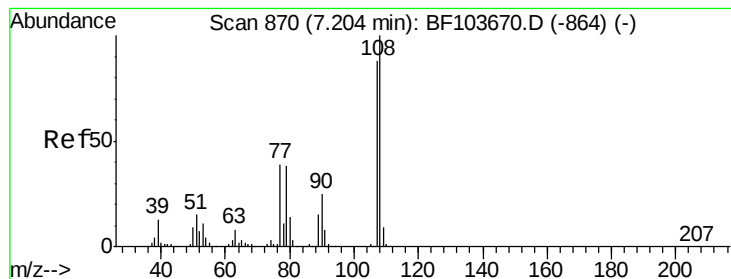


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.344 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

Tot Ion:107 Resp: 323339

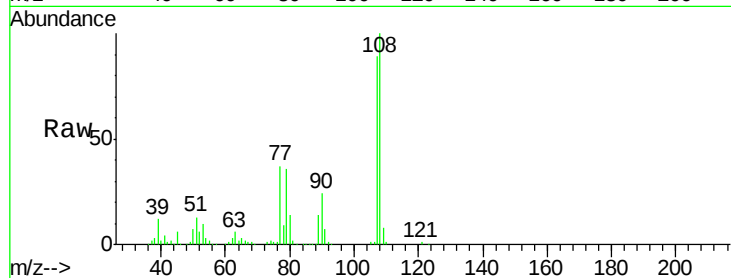
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 41.1 33.8 50.8

79 40.8 33.8 50.8

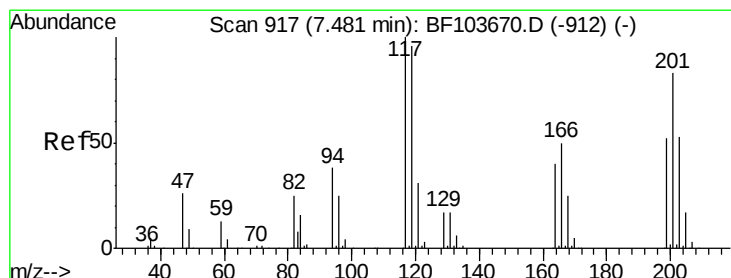
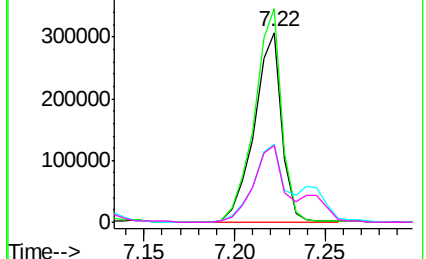
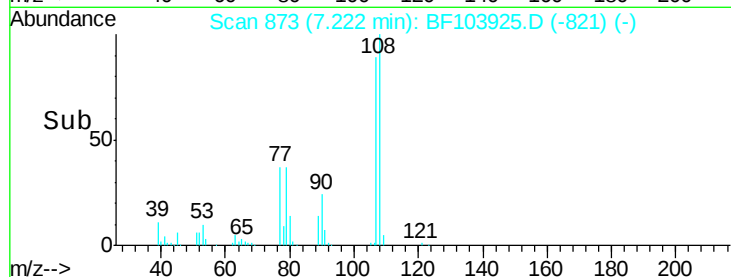


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.454 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

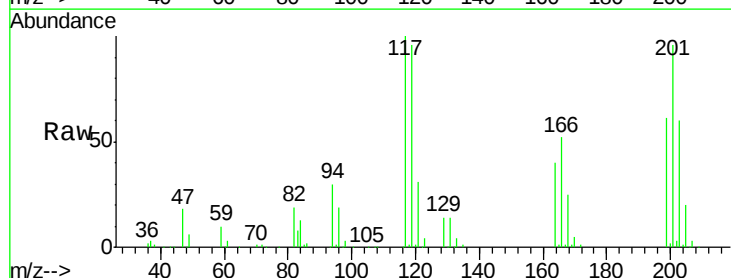
Tgt Ion:117 Resp: 146602

Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.8

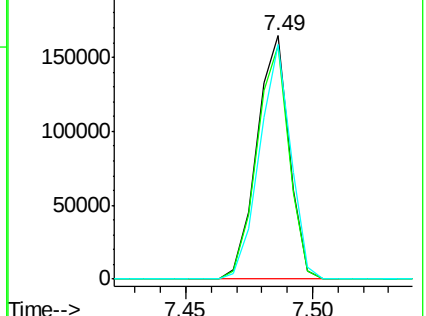
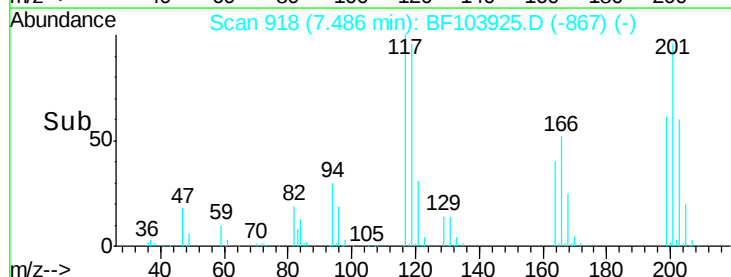
201 96.2 75.7 113.5

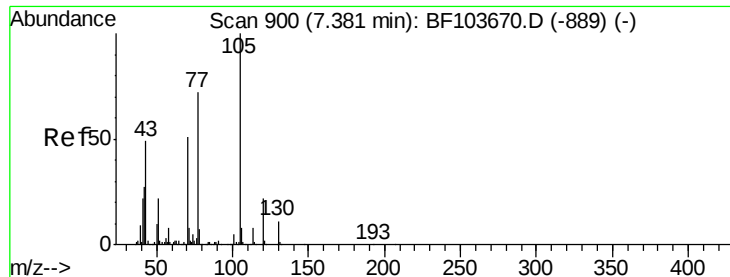


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

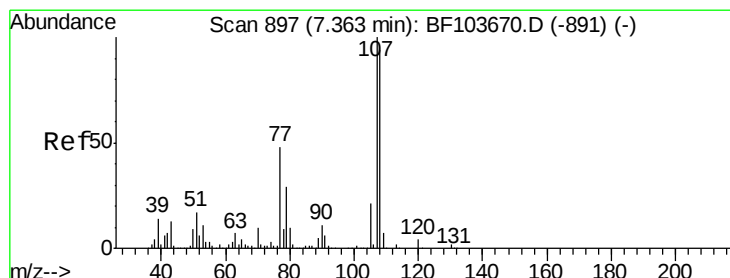
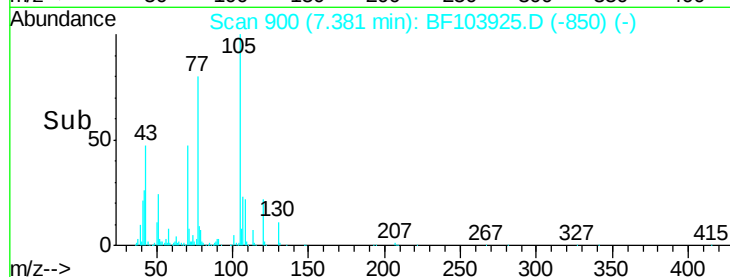
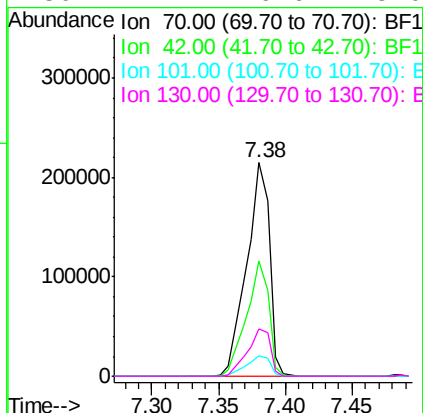
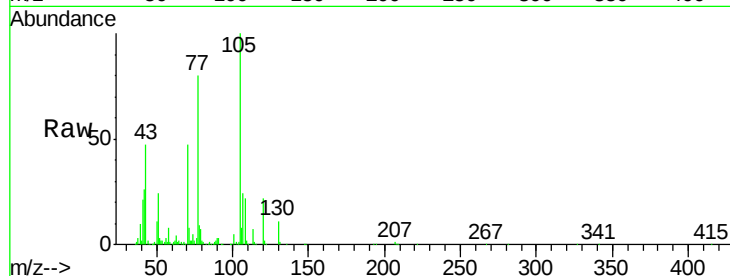




#19
n-Nitroso-di-n-propylamine
Concen: 34.384 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

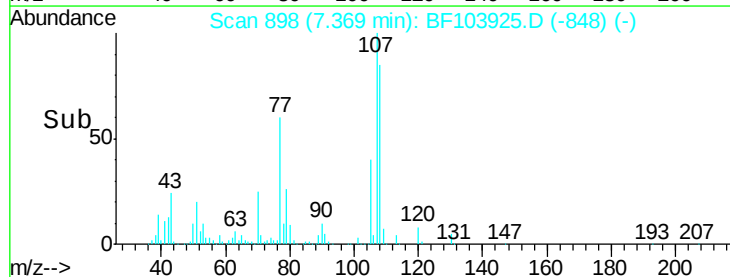
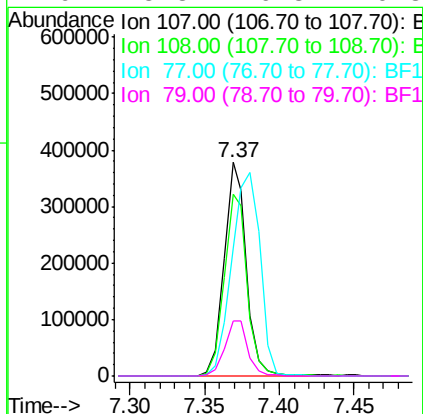
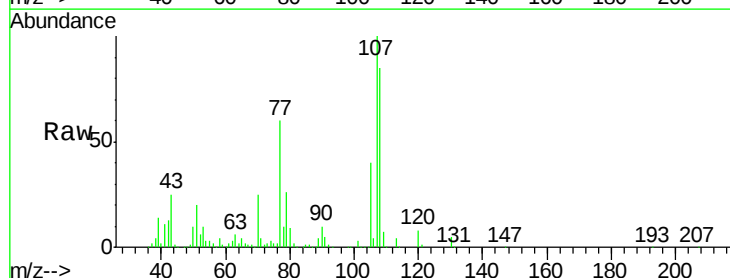
Instrument :
BNA_F
ClientSampleId :
PB107589BS

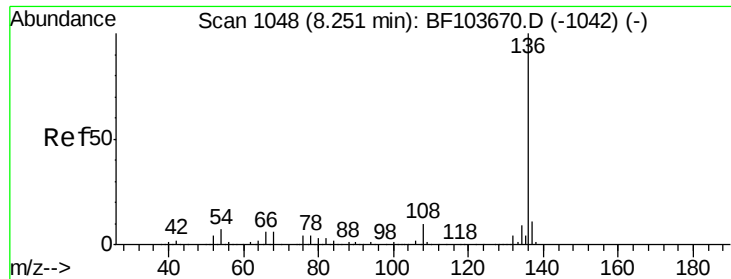
Tot Ion:	70	Resp:	250216
Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.9	7.4	11.2
130	22.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.115 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:	107	Resp:	396833
Ion	Ratio	Lower	Upper
107	100		
108	85.4	68.2	108.2
77	59.9	26.7	66.7
79	25.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

Tot Ion:136 Resp: 577278

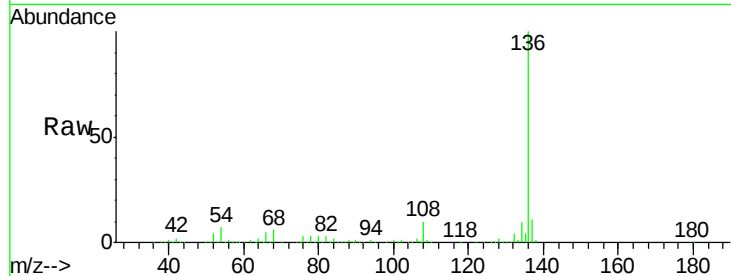
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 6.4 5.0 7.4

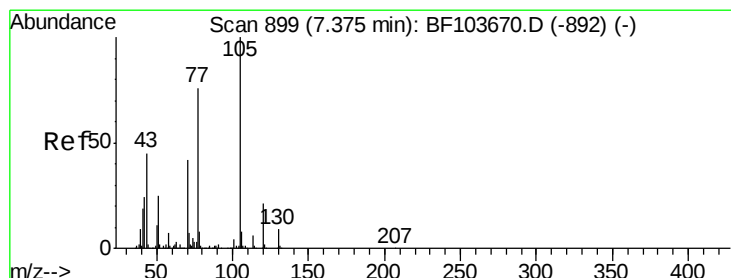
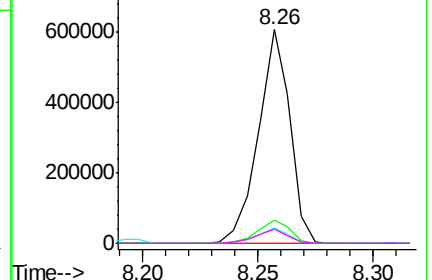
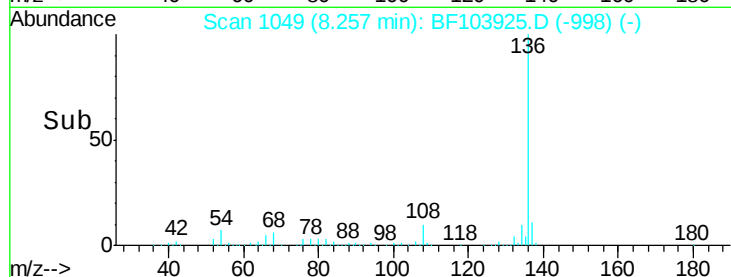


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.779 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Tgt Ion:105 Resp: 501165

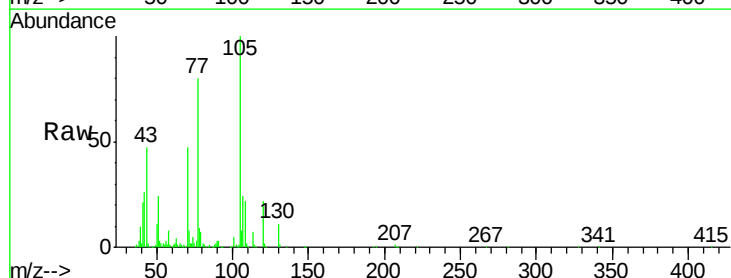
Ion Ratio Lower Upper

105 100

71 7.8 4.4 6.6#

51 24.5 22.3 33.5

120 22.0 16.9 25.3

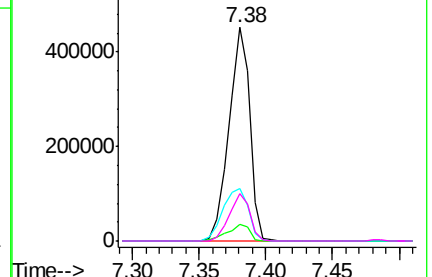
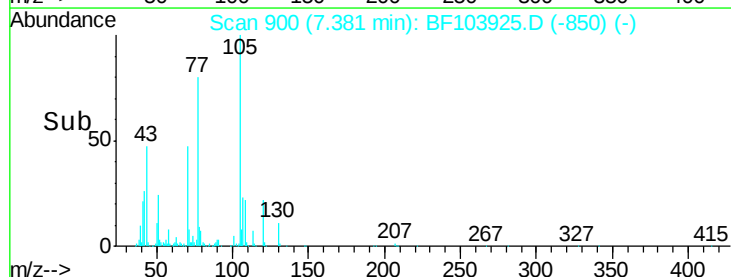


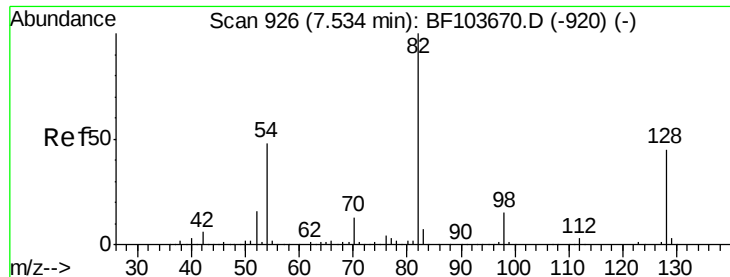
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

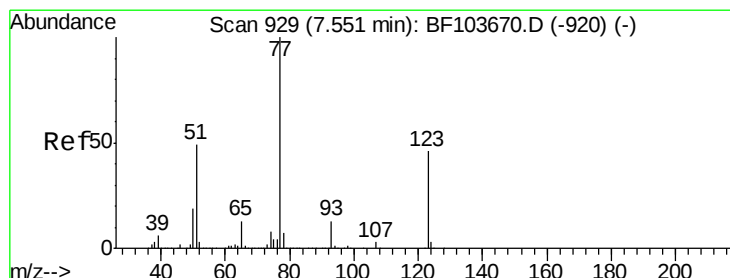
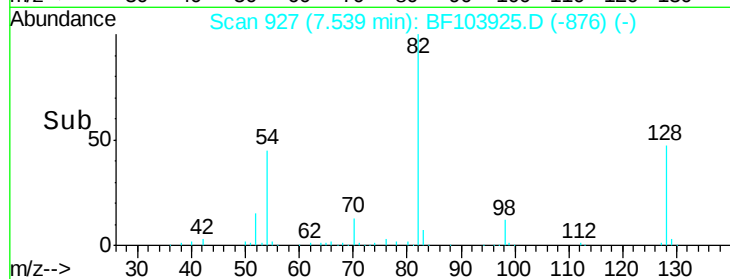
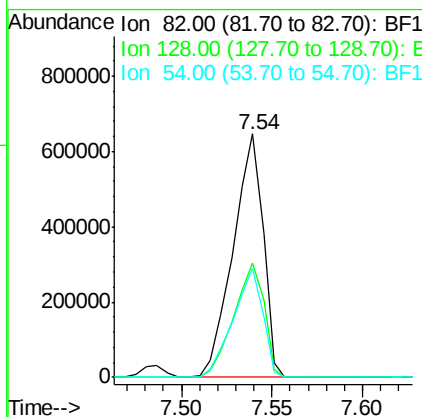
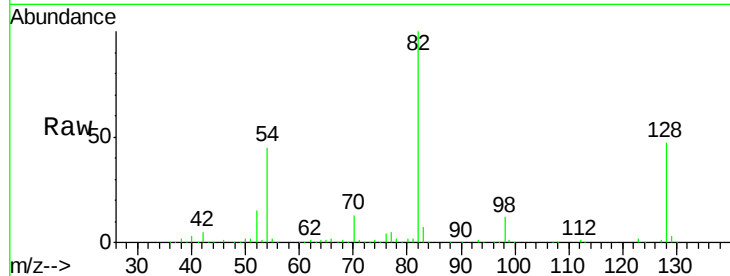




#23
 Nitrobenzene-d5
 Concen: 90.065 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

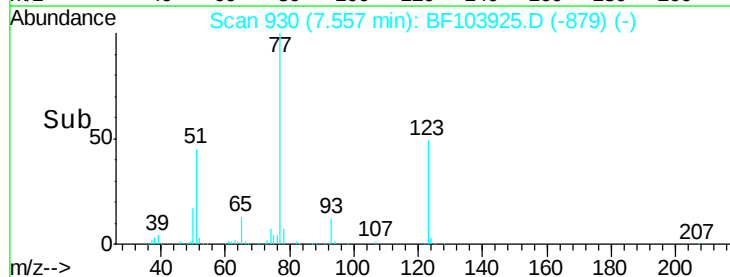
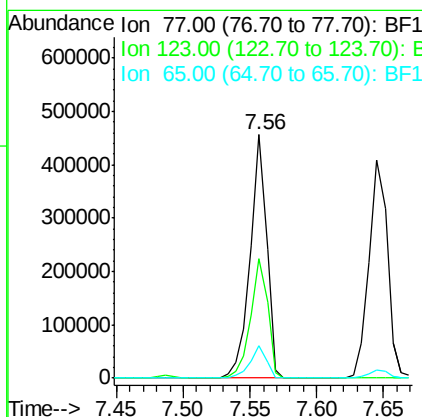
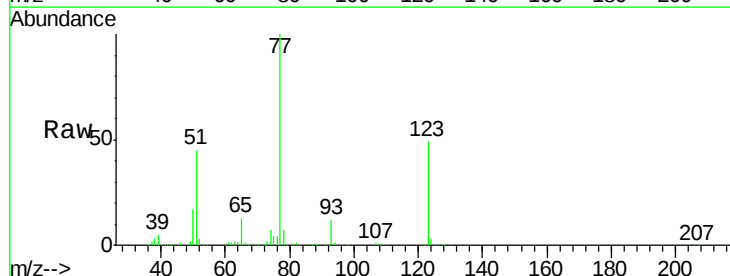
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

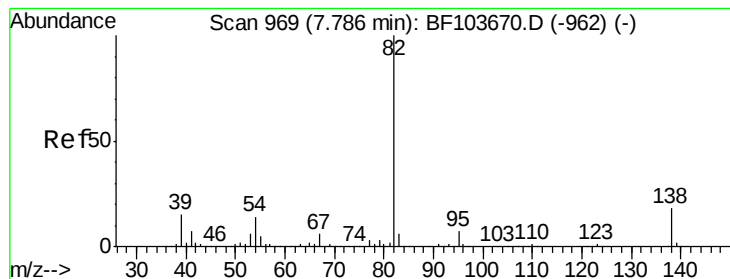
Tot Ion	82	Resp	745567
Ion Ratio	100	Lower	Upper
128	46.7	36.1	54.1
54	45.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 39.747 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion	77	Resp	386286
Ion Ratio	100	Lower	Upper
123	49.3	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 37.537 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

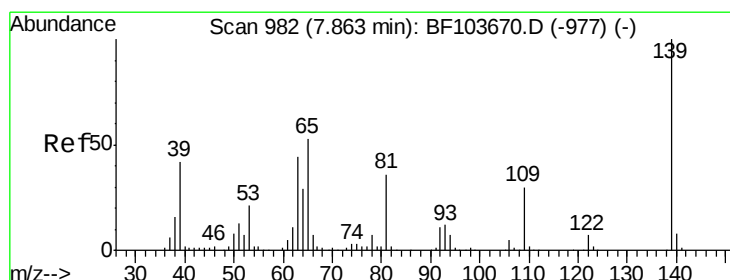
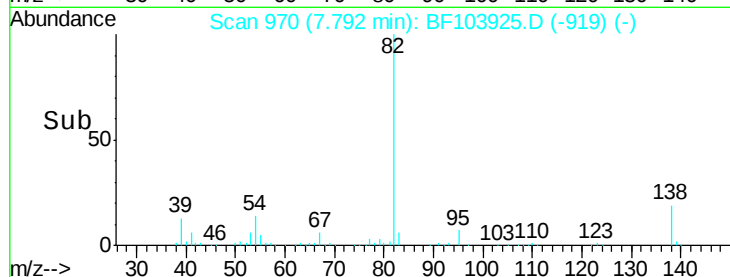
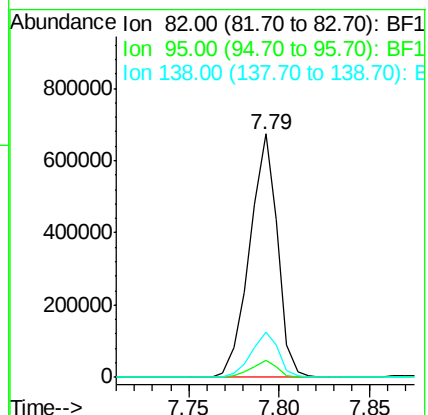
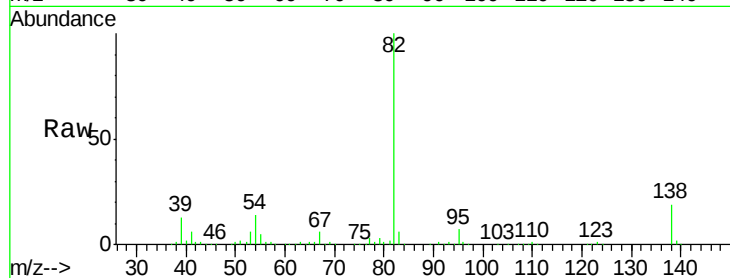
Tot Ion: 82 Resp: 719334

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 55.255 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

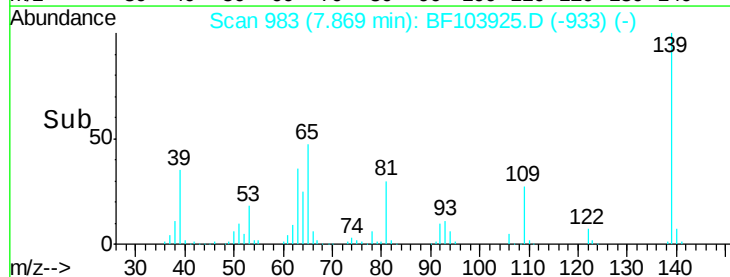
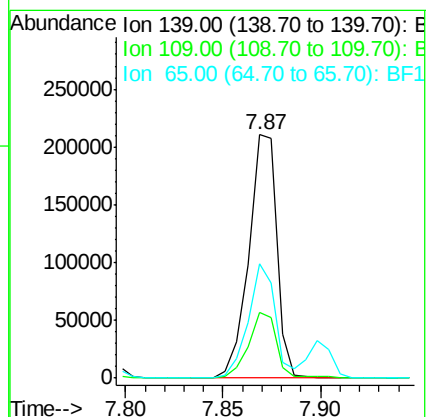
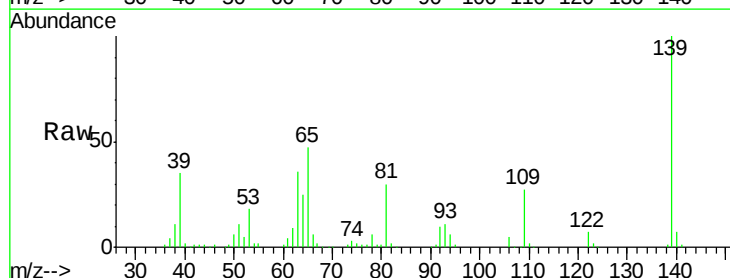
Tgt Ion: 139 Resp: 210880

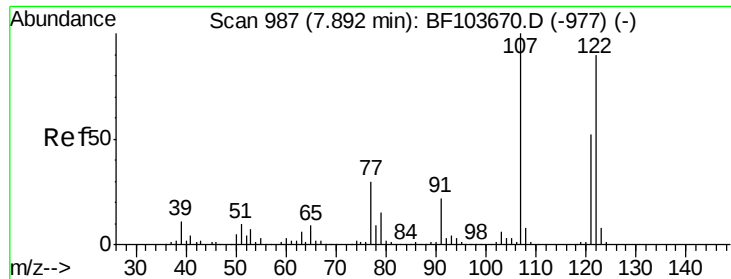
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 46.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.029 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

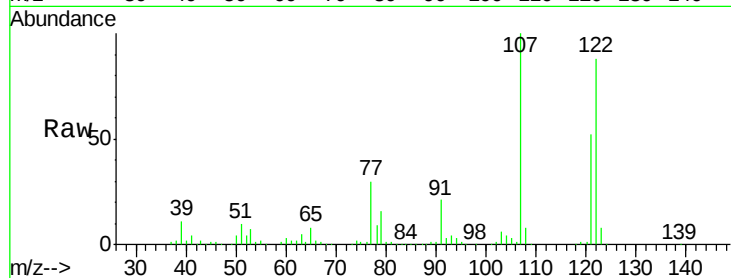
Tot Ion:122 Resp: 361455

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

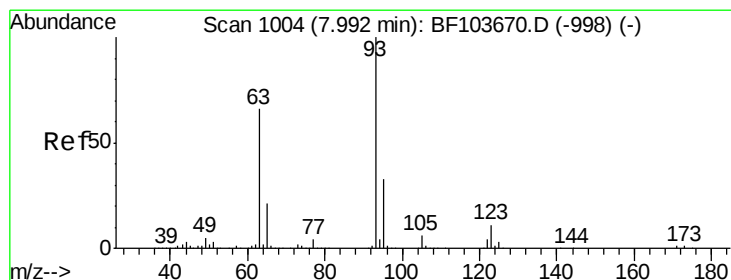
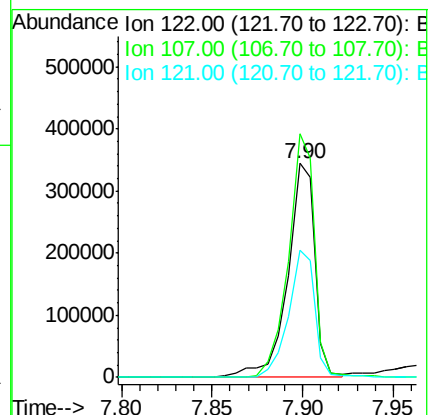
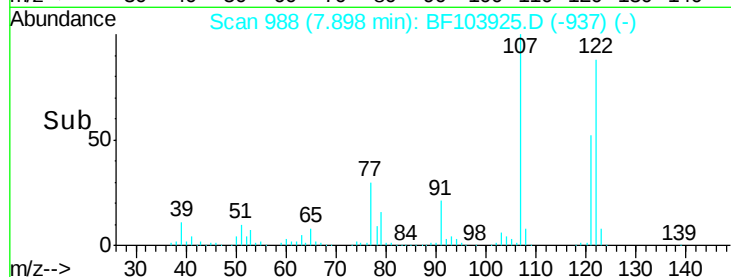
121 59.6 47.2 70.8



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: 40.057 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

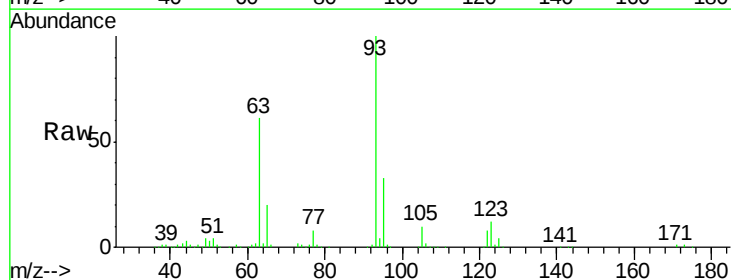
Tgt Ion: 93 Resp: 464820

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

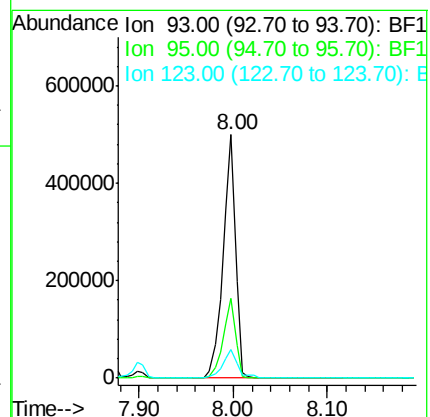
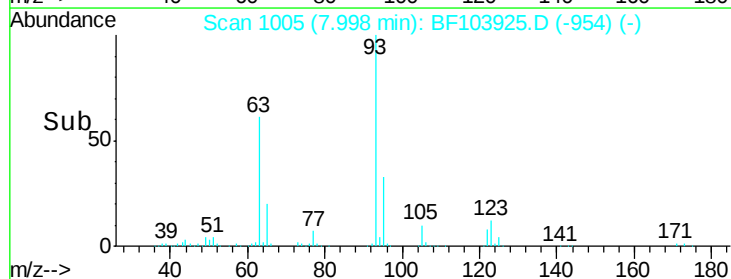
123 11.9 9.8 14.6



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: 43.351 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

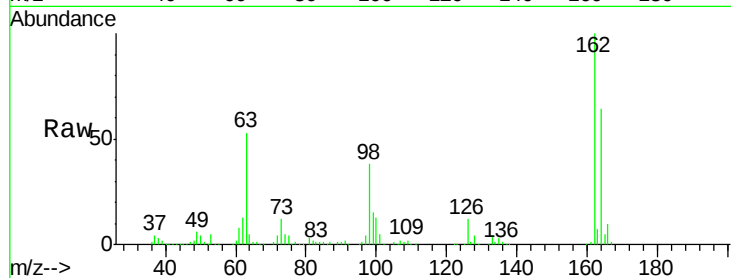
Tot Ion:162 Resp: 323784

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

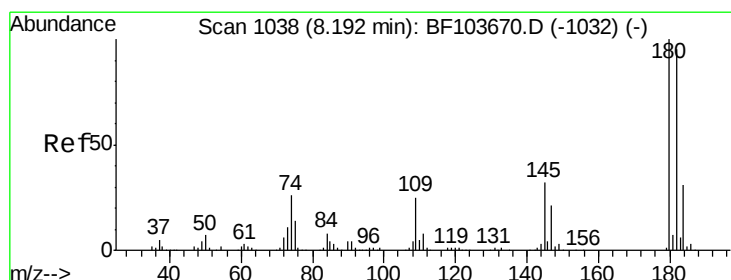
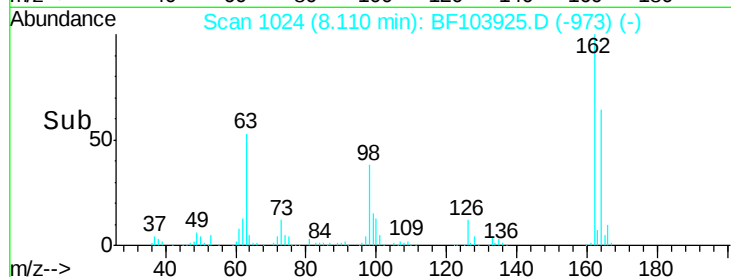
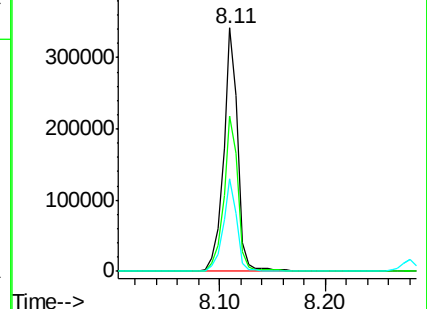
98 38.1 18.1 58.1



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: 37.981 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

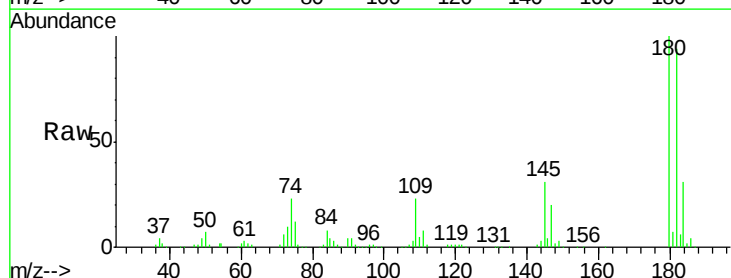
Tgt Ion:180 Resp: 329019

Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

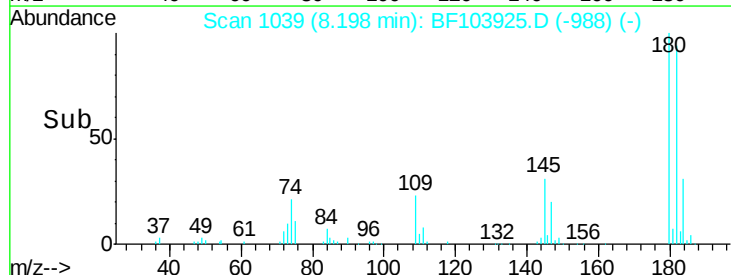
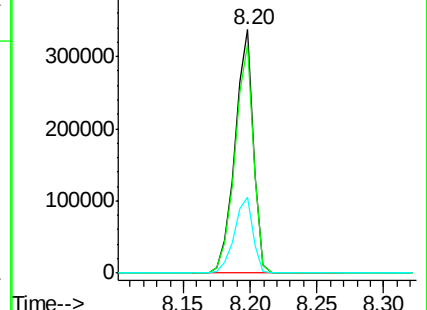
145 31.2 26.5 39.7

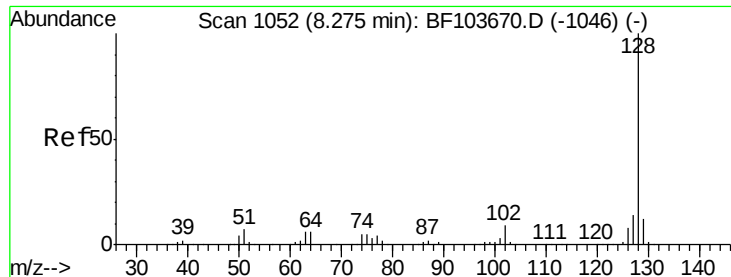


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.603 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

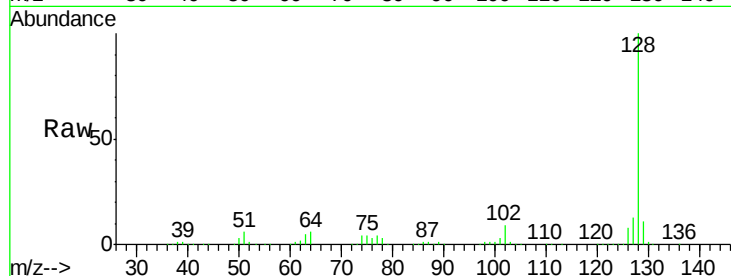
Tot Ion:128 Resp: 1096542

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

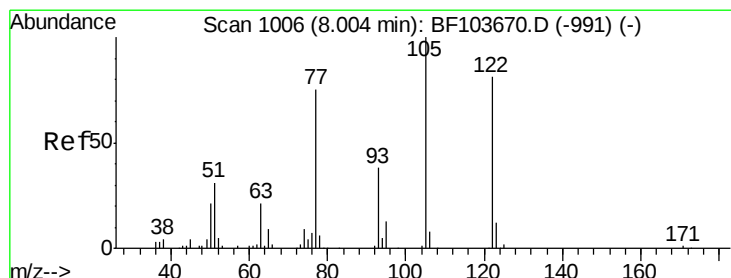
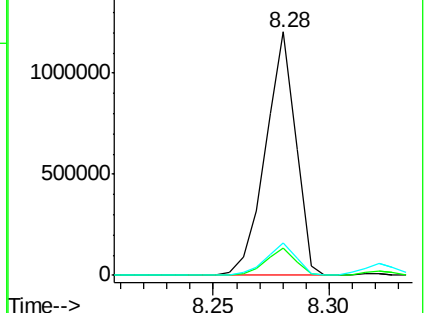
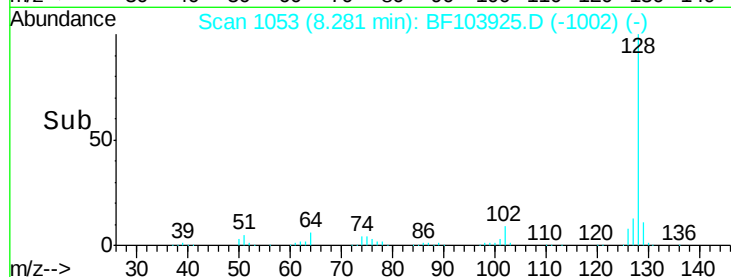
127 13.5 10.9 16.3



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: 40.127 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

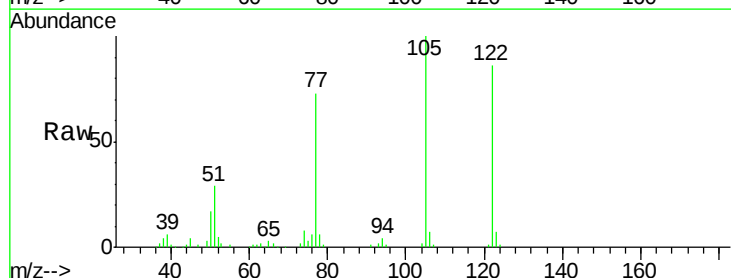
Tgt Ion:122 Resp: 220580

Ion Ratio Lower Upper

122 100

105 116.3 101.1 141.1

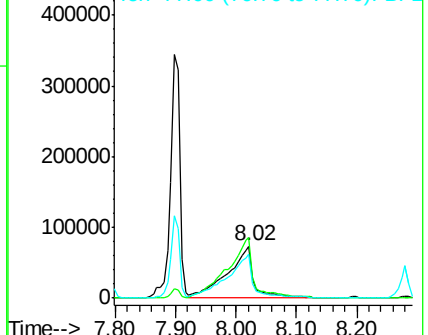
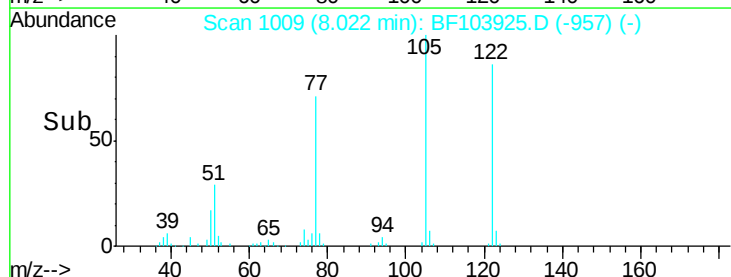
77 85.1 70.7 110.7



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

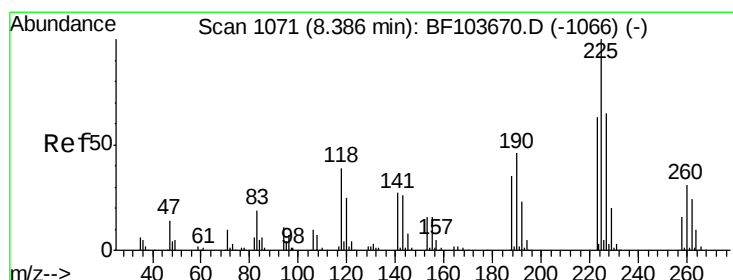
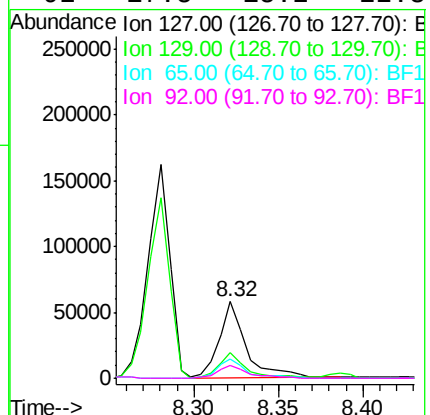
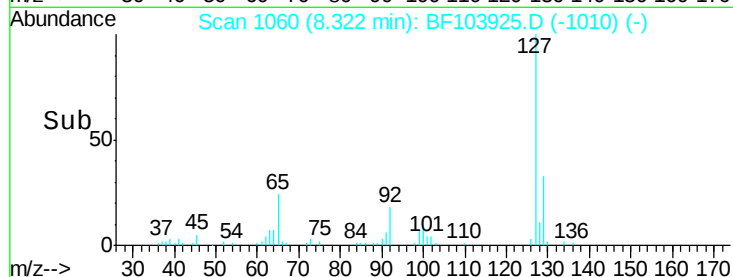
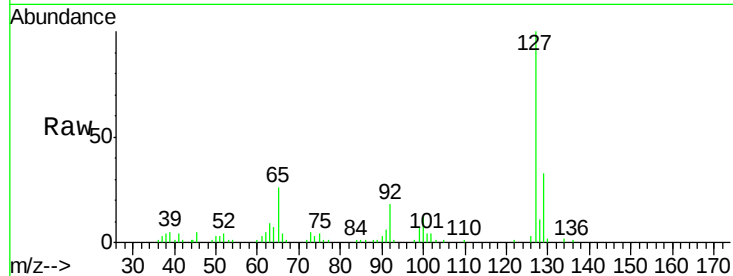




#33
4-Chloroaniline
Concen: 5.283 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

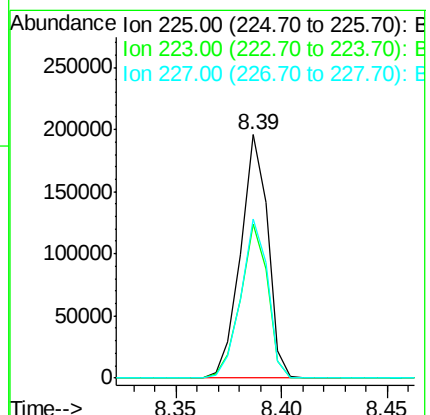
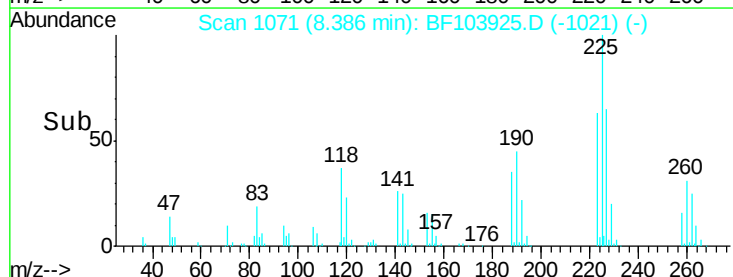
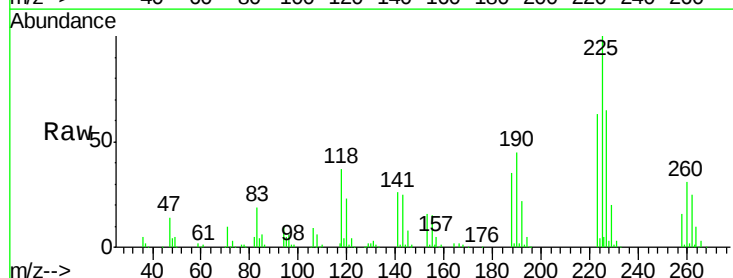
Instrument :
BNA_F
ClientSampleId :
PB107589BS

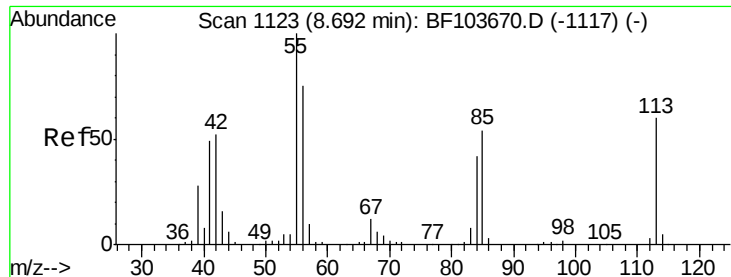
Tot Ion:	127	Resp:	64637
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	25.7	25.0	37.4
92	17.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.773 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:	225	Resp:	174657
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	65.1	51.9	77.9

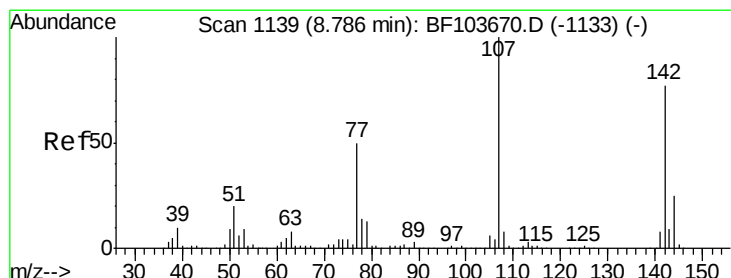
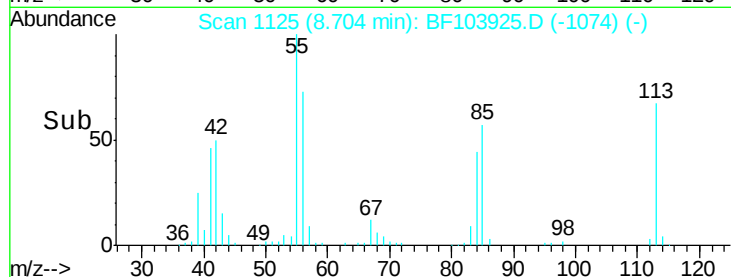
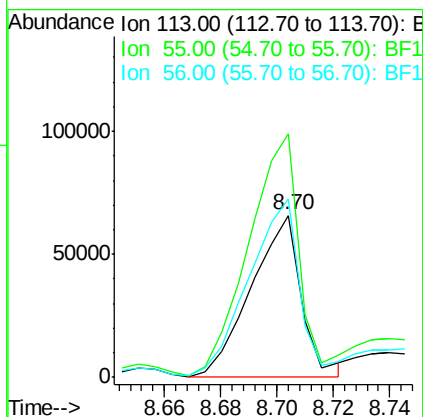
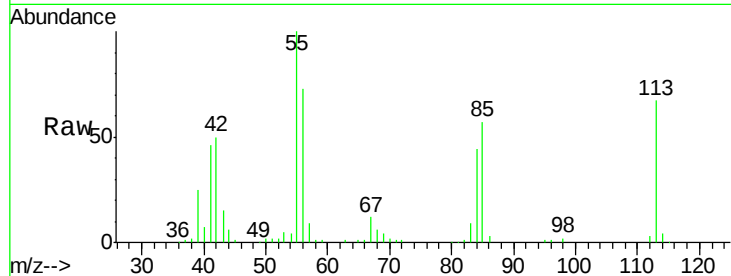




#35
 Caprolactam
 Concen: 31.626 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

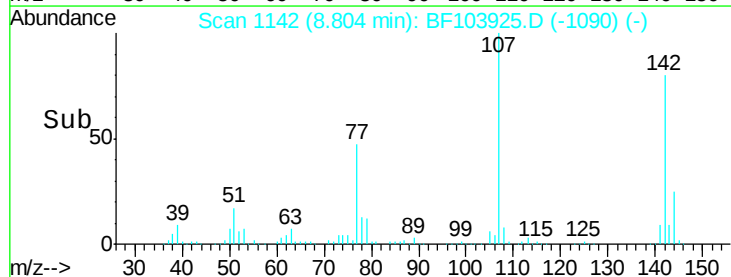
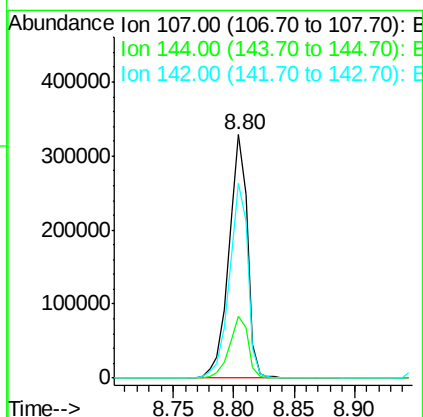
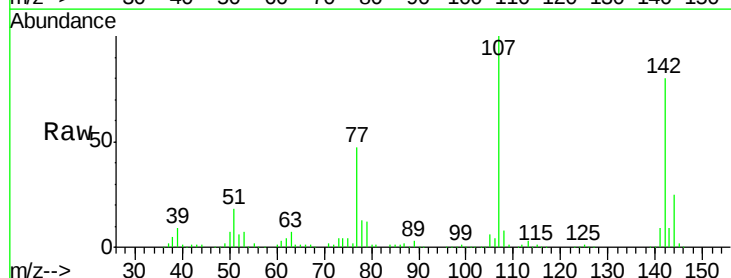
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

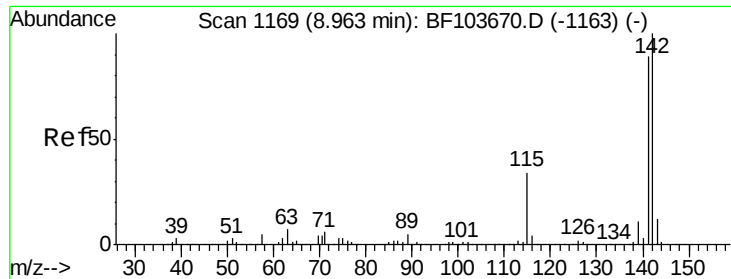
Tot Ion:113 Resp: 81337
 Ion Ratio Lower Upper
 113 100
 55 150.2 163.3 203.3#
 56 110.0 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 42.789 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion:107 Resp: 352316
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 80.2 62.0 93.0

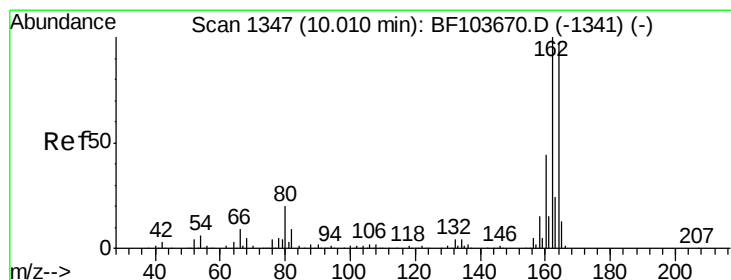
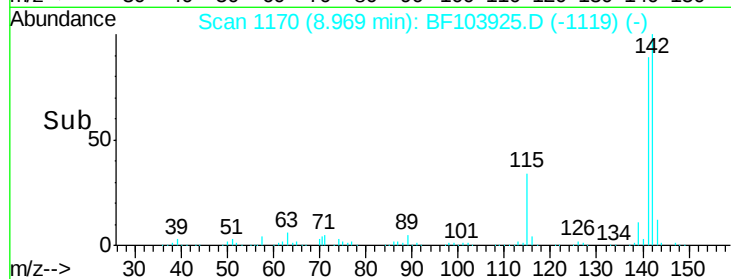
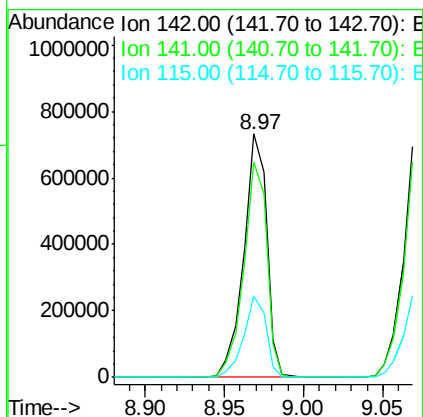
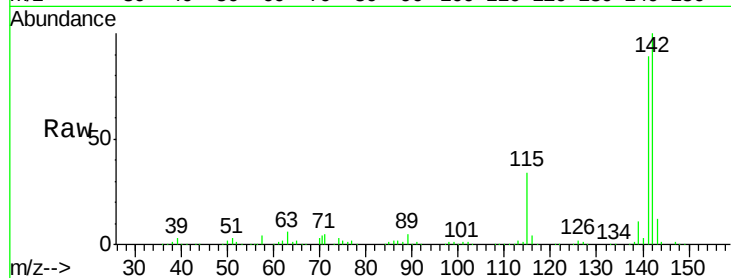




#37
2-Methylnaphthalene
Concen: 39.733 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

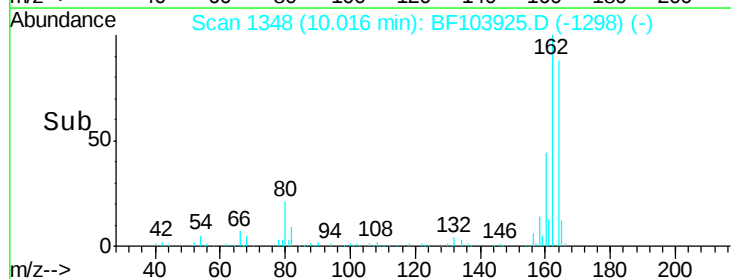
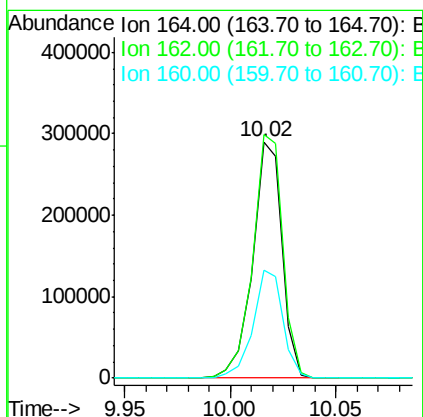
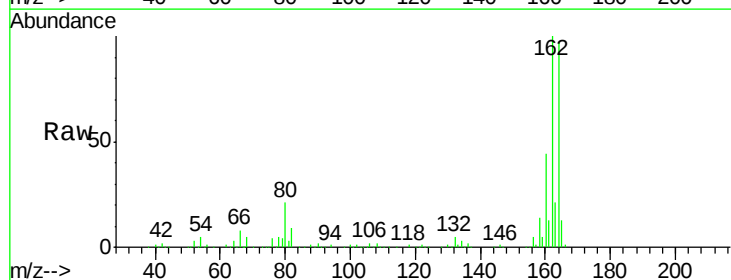
Instrument :
BNA_F
ClientSampleId :
PB107589BS

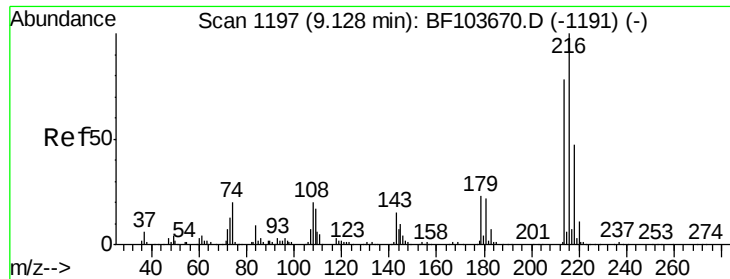
Tot Ion:142 Resp: 734766
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 33.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:164 Resp: 281572
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.5 38.3 57.5

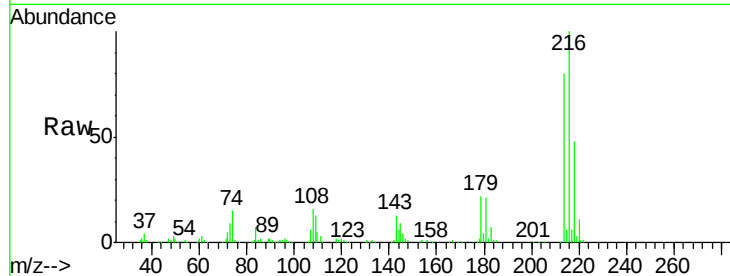




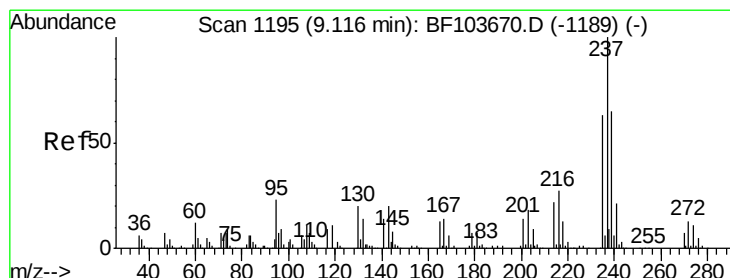
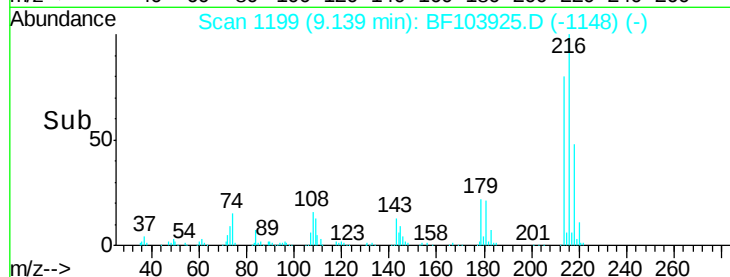
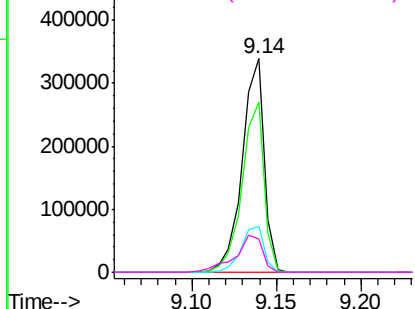
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.526 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

Tot Ion:	216	Resp:	309477
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	22.5	18.1	27.1
108	21.4	17.2	25.8

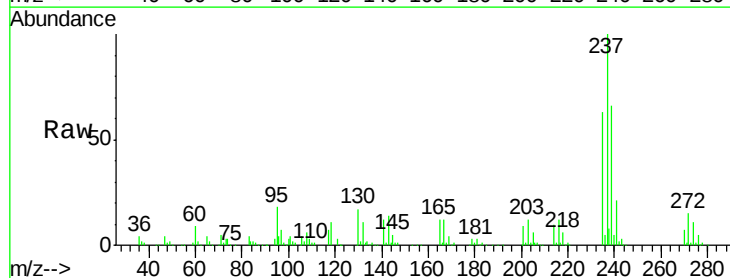


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

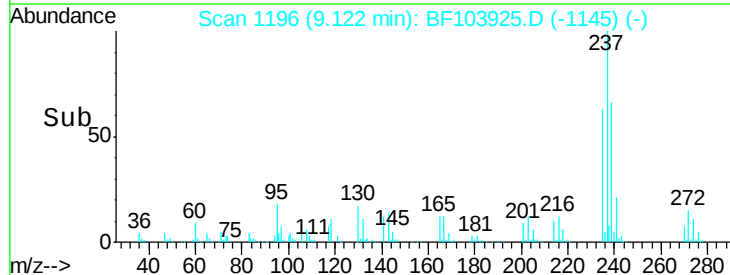
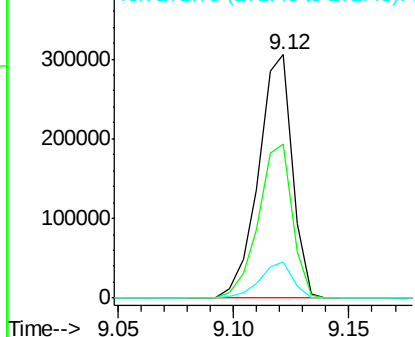


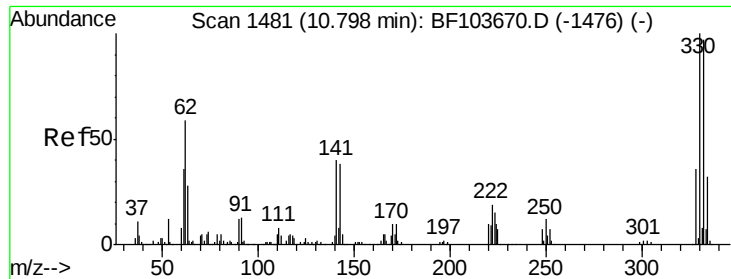
#40
 Hexachlorocyclopentadiene
 Concen: 75.486 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion:	237	Resp:	312892
Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.8	84.8
272	14.8	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

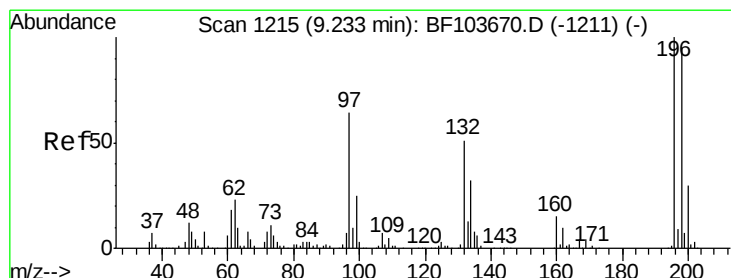
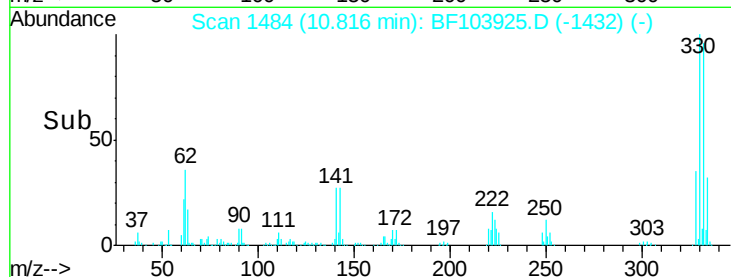
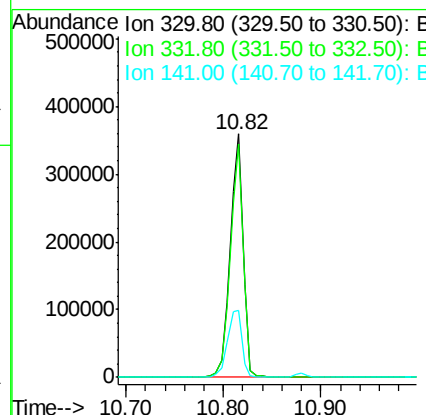
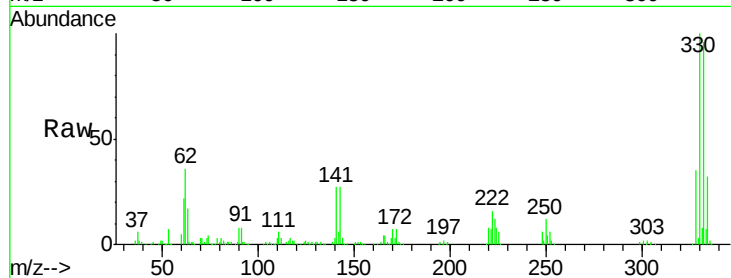




#41
 2,4,6-Tribromophenol
 Concen: 136.689 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

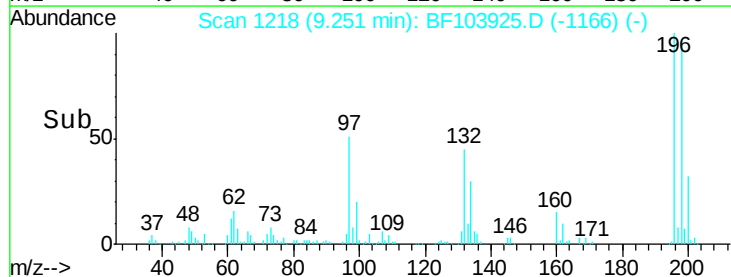
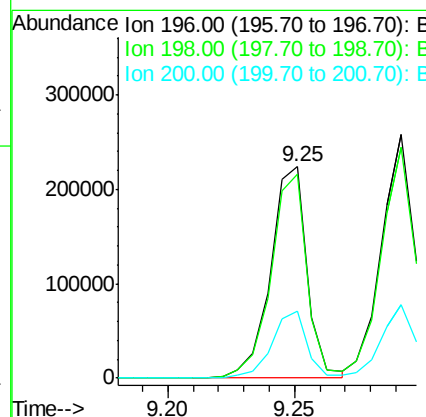
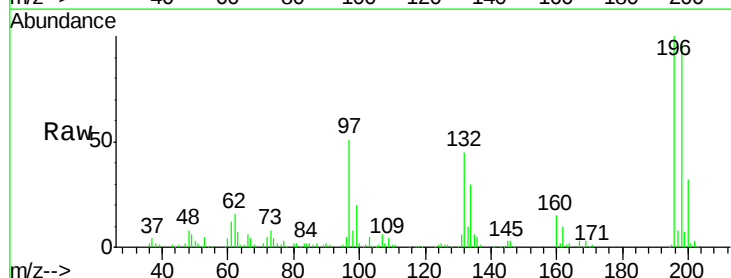
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	30.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.057 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.7	113.5
200	31.6	24.5	36.7

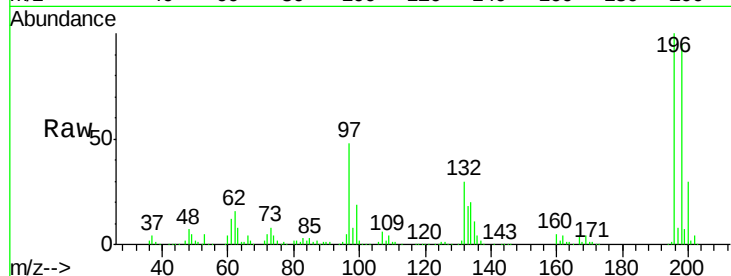




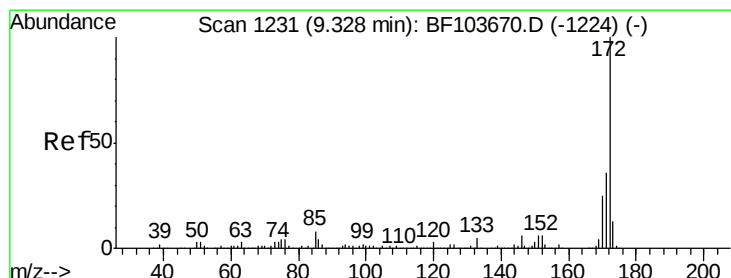
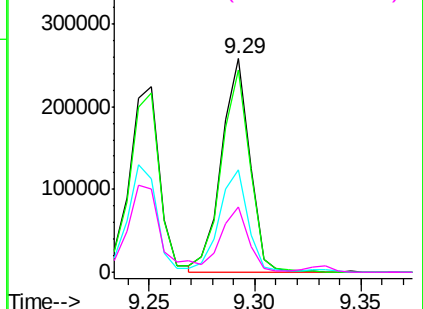
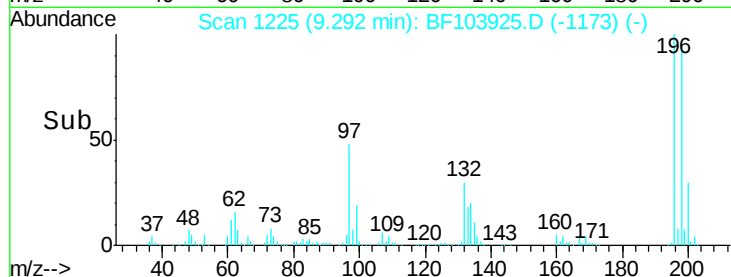
#43
 2,4,5-Trichlorophenol
 Concen: 40.846 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

Tot Ion:196 Resp: 236878
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 47.8 42.9 64.3
 132 30.3 26.3 39.5

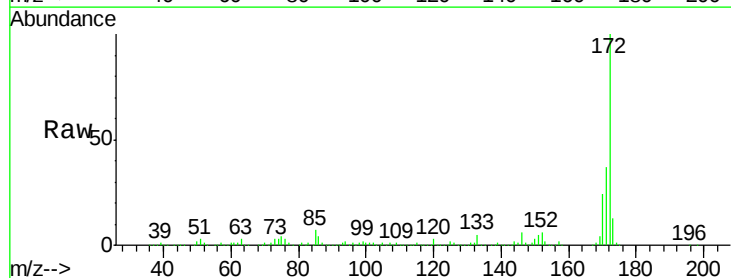


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

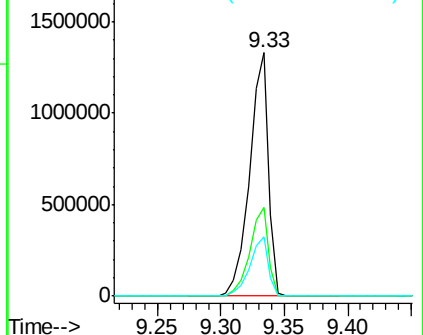
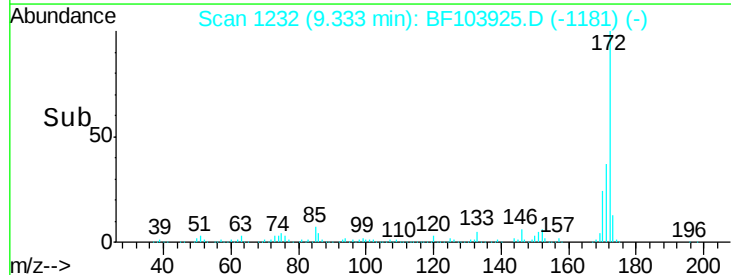


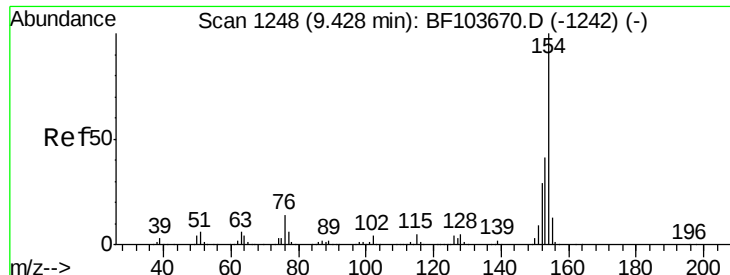
#44
 2-Fluorobiphenyl
 Concen: 77.727 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion:172 Resp: 1372023
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: 36.728 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

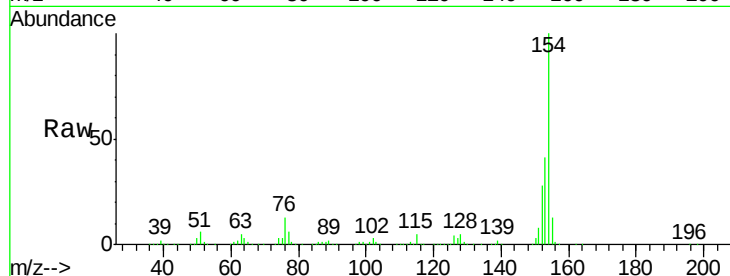
Tot Ion:154 Resp: 862341

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

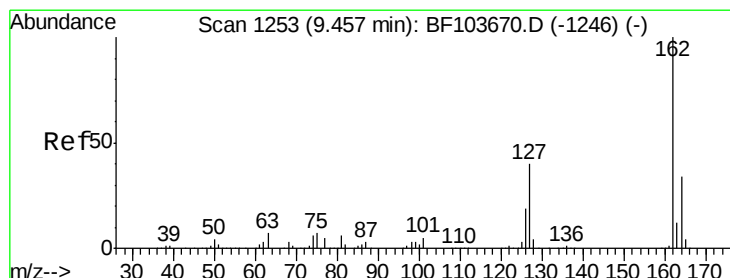
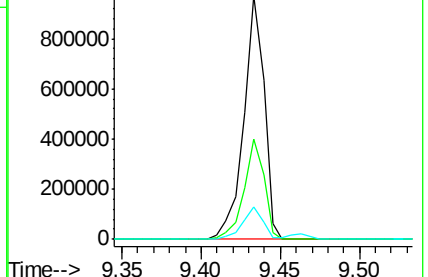
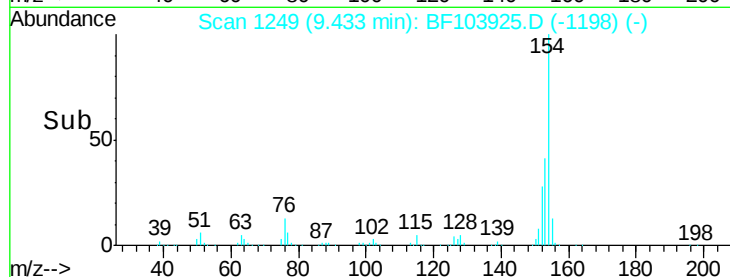
76 13.4 0.0 34.0



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: 37.135 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

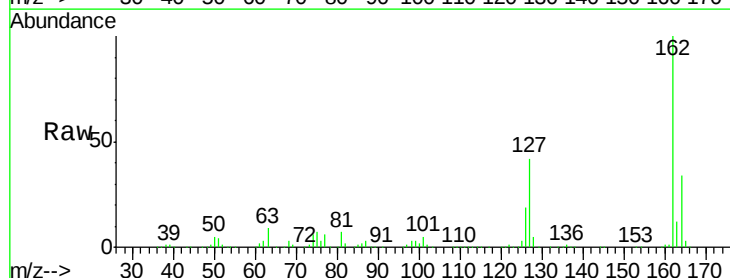
Tgt Ion:162 Resp: 692504

Ion Ratio Lower Upper

162 100

127 41.6 33.9 50.9

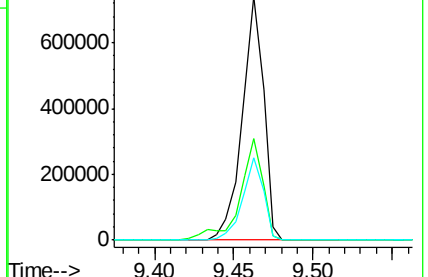
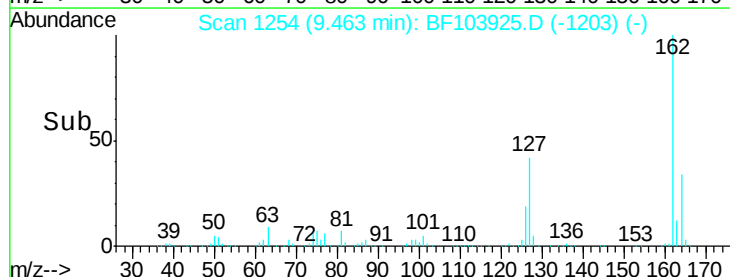
164 33.6 26.5 39.7



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

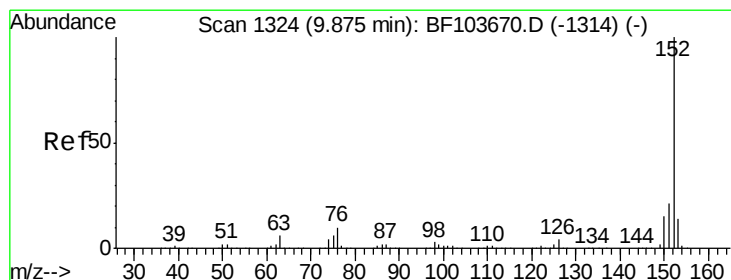
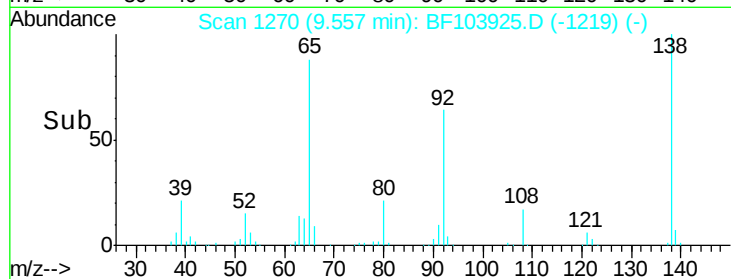
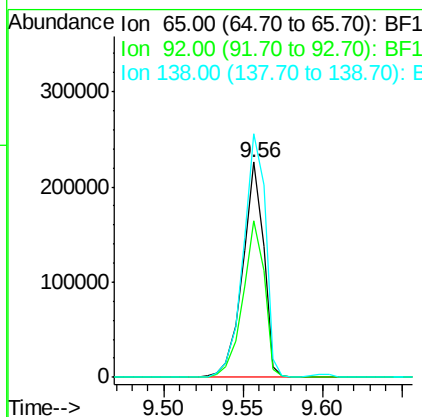
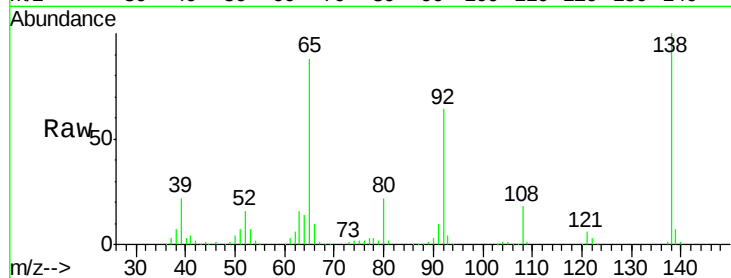




#47
 2-Nitroaniline
 Concen: 43.340 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

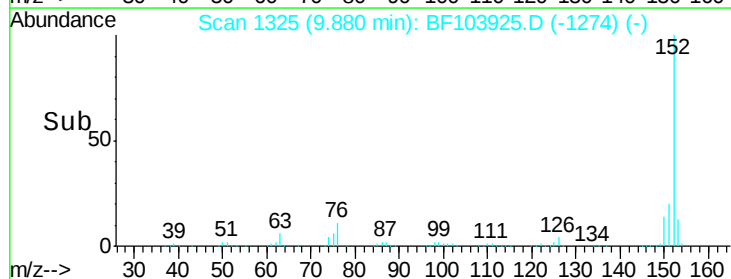
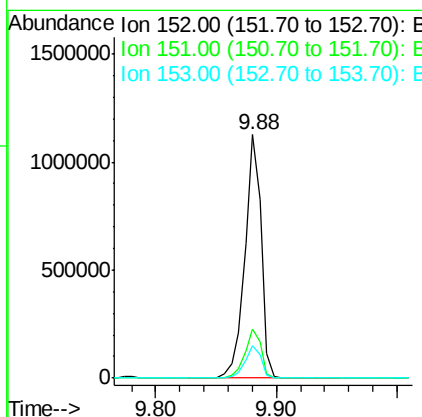
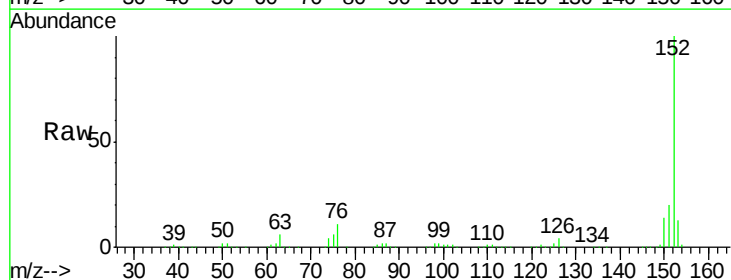
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

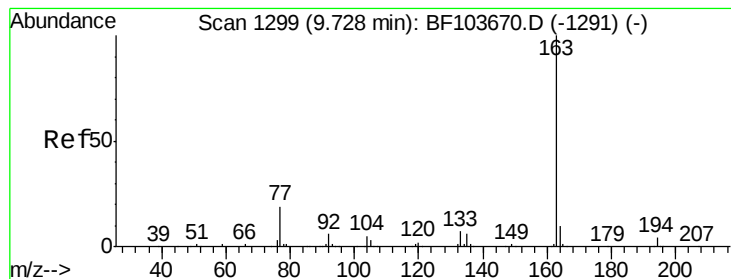
Tot Ion: 65 Resp: 207667
 Ion Ratio Lower Upper
 65 100
 92 72.6 55.8 83.6
 138 113.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.668 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion: 152 Resp: 1060354
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 38.392 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

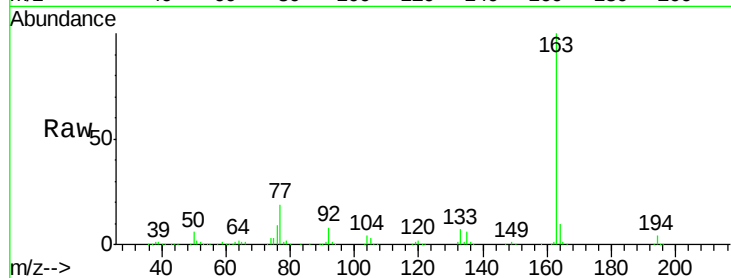
Tot Ion:163 Resp: 824748

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

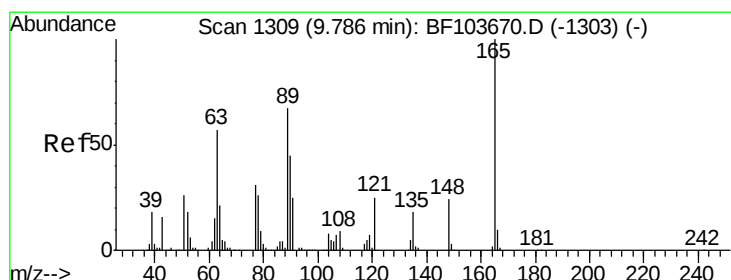
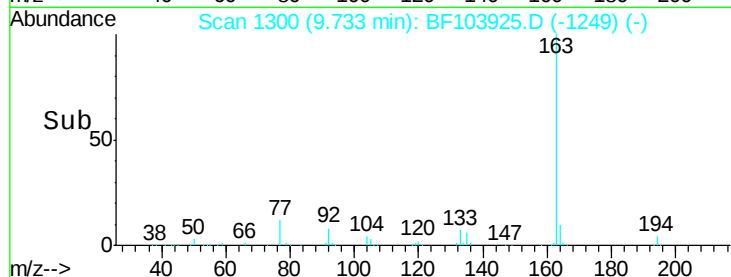
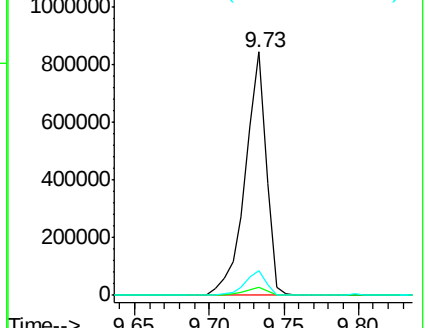
164 10.4 8.2 12.2



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: 44.952 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

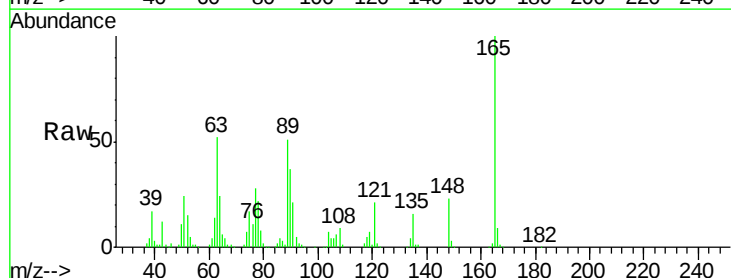
Tgt Ion:165 Resp: 185658

Ion Ratio Lower Upper

165 100

63 51.8 44.7 67.1

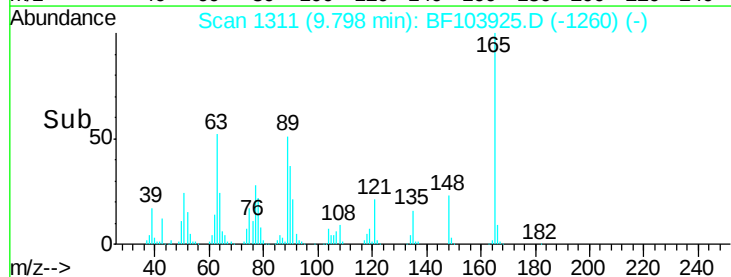
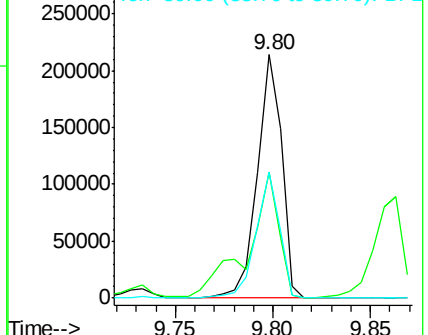
89 51.5 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.579 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

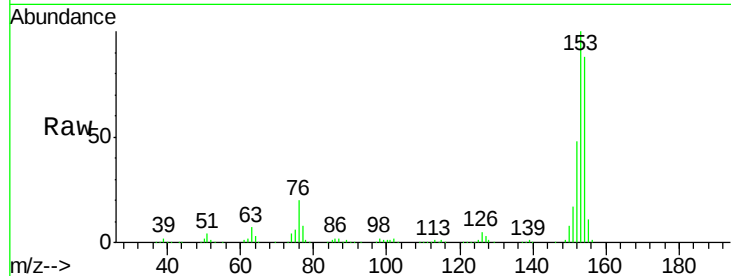
Tot Ion:154 Resp: 628088

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

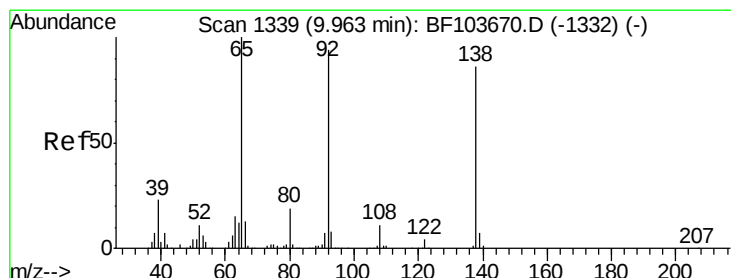
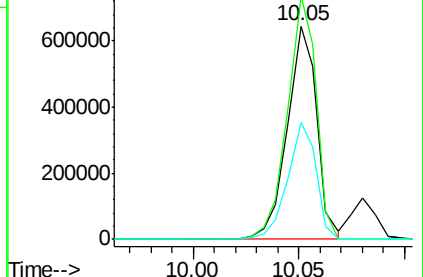
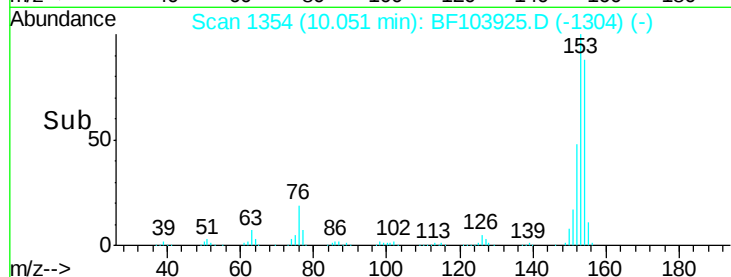
152 54.8 43.8 65.8



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: 14.253 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

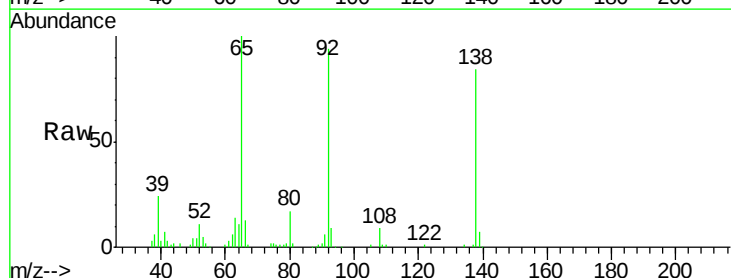
Tgt Ion:138 Resp: 56480

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

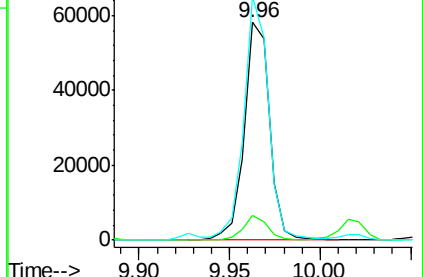
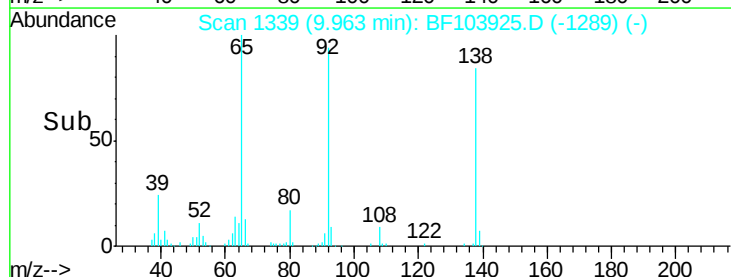
92 111.9 89.4 134.2

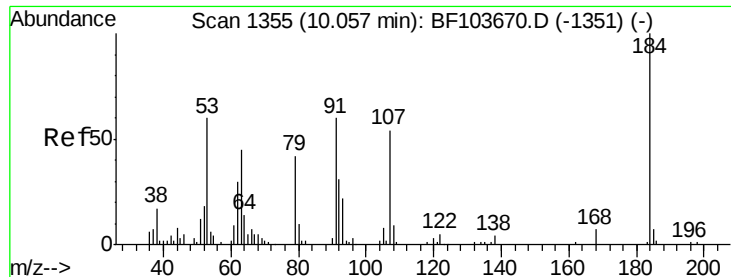


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 110.376 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

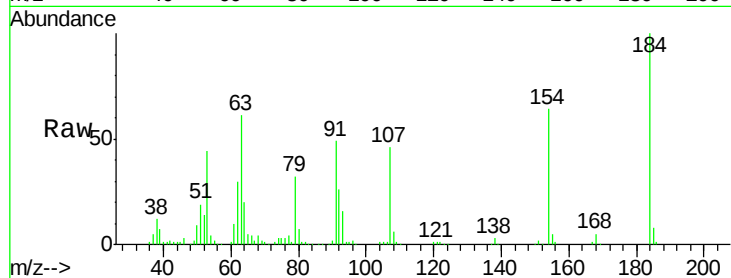
Tot Ion:184 Resp: 183320

Ion Ratio Lower Upper

184 100

63 60.9 54.2 81.2

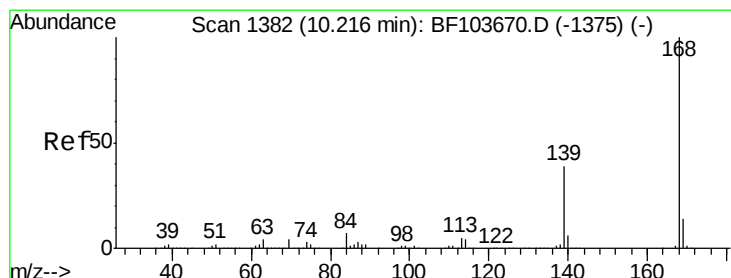
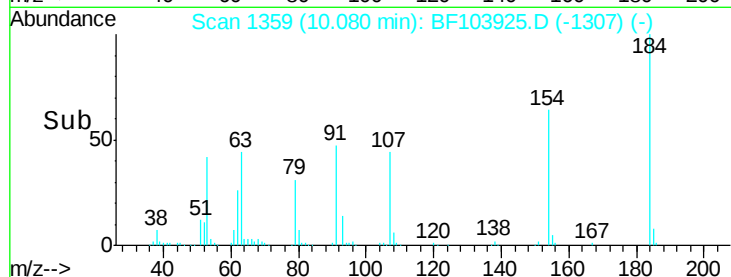
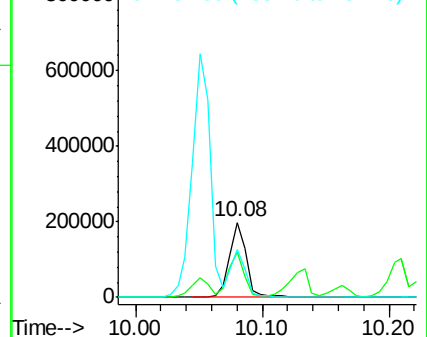
154 64.1 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.157 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

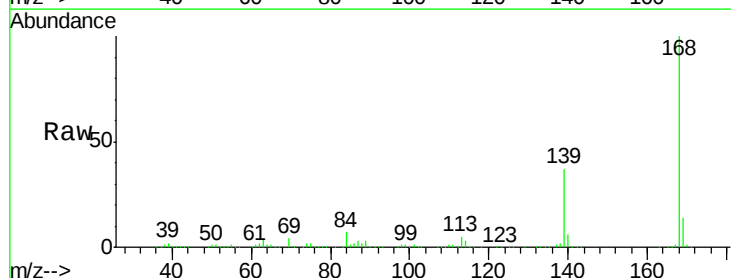
Tgt Ion:168 Resp: 935726

Ion Ratio Lower Upper

168 100

139 37.4 30.1 45.1

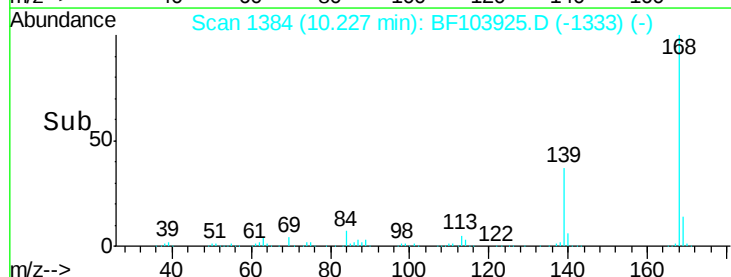
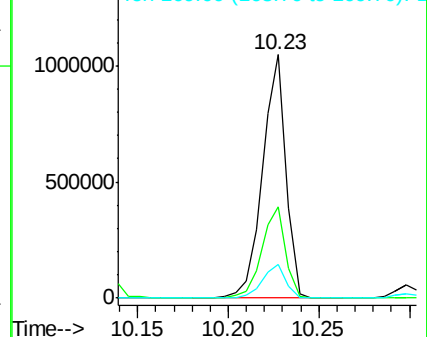
169 13.7 10.9 16.3

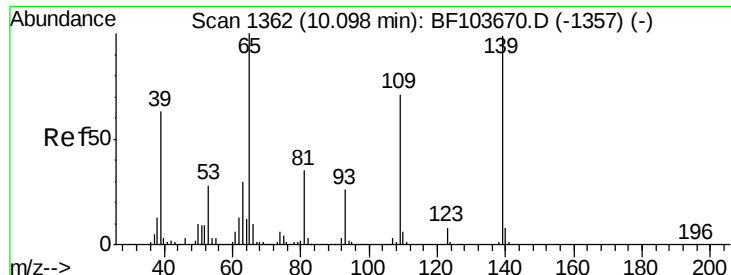


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

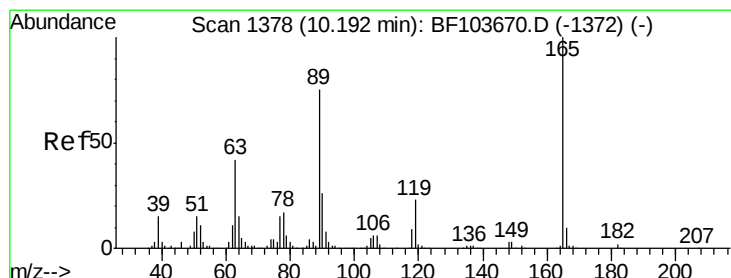
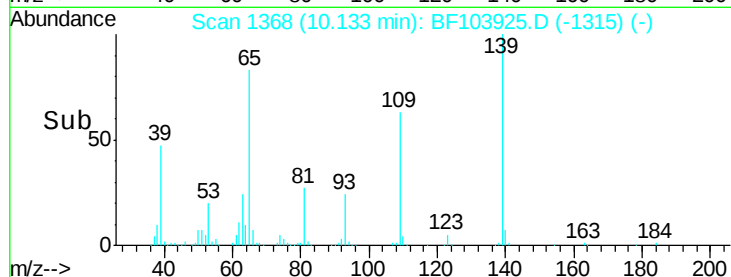
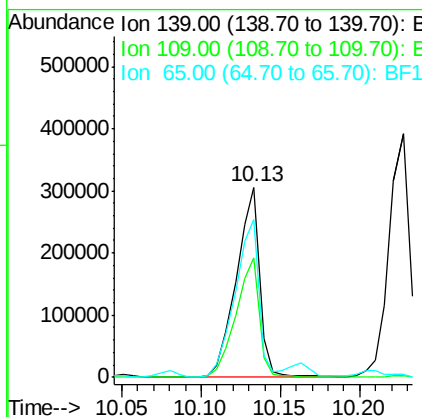
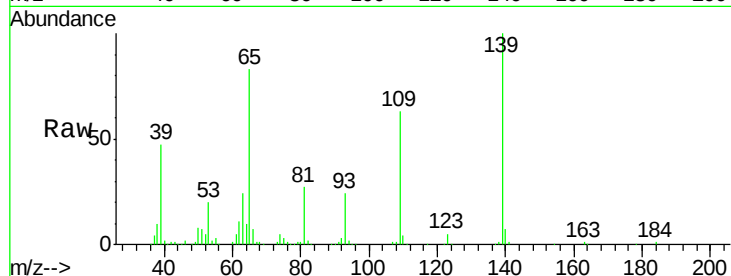




#55
4-Nitrophenol
Concen: 79.845 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

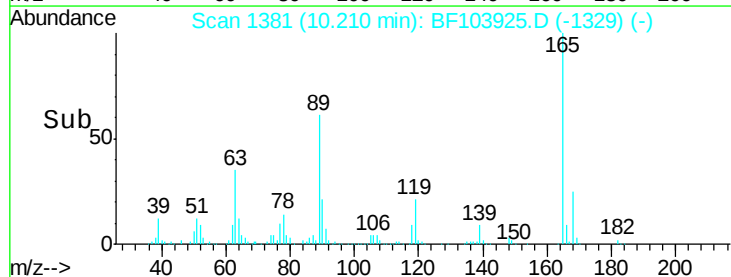
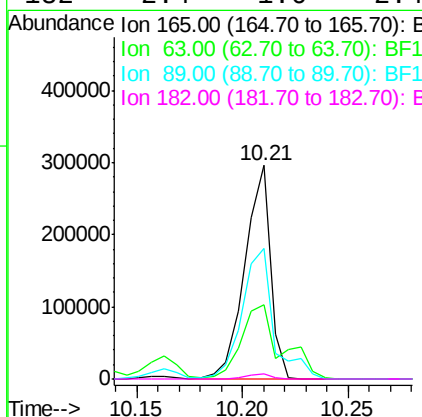
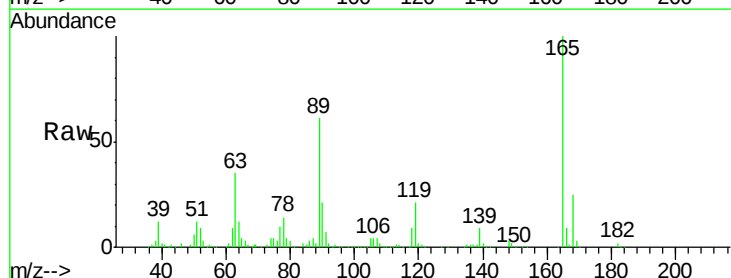
Instrument :
BNA_F
ClientSampleId :
PB107589BS

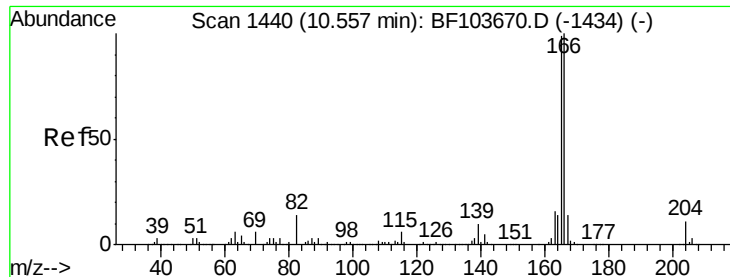
Tot Ion:139 Resp: 313995
Ion Ratio Lower Upper
139 100
109 63.0 48.4 88.4
65 82.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.782 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:165 Resp: 251394
Ion Ratio Lower Upper
165 100
63 34.5 36.4 54.6#
89 60.9 57.8 86.6
182 2.4 1.6 2.4#

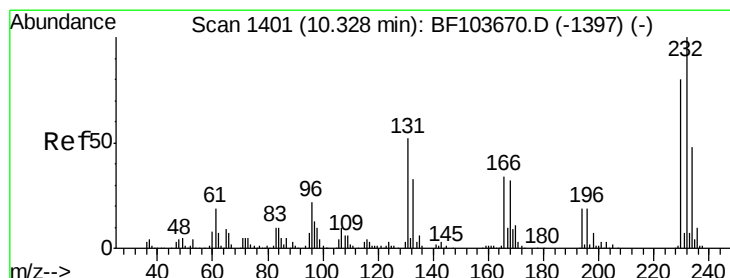
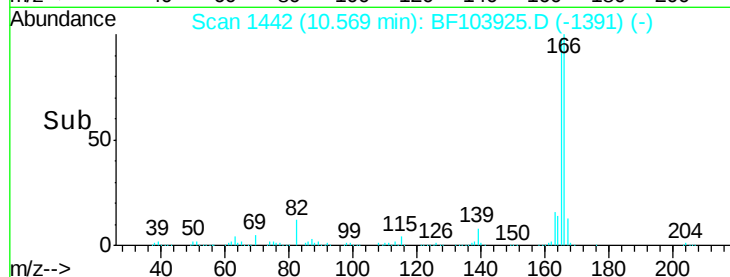
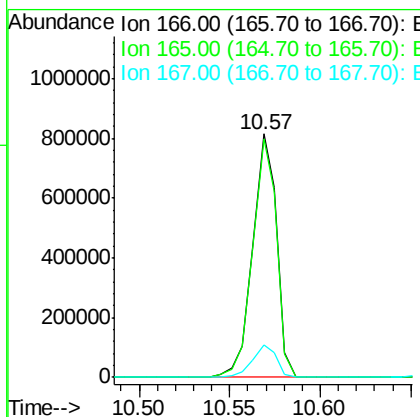
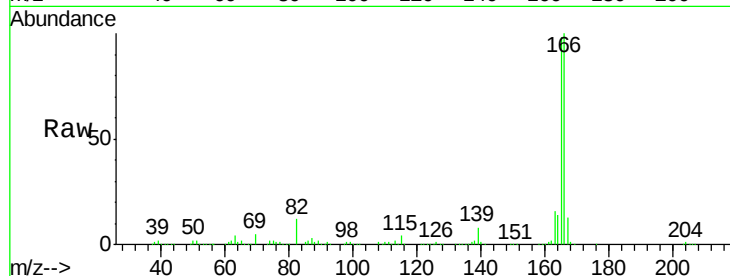




#57
 Fluorene
 Concen: 39.195 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

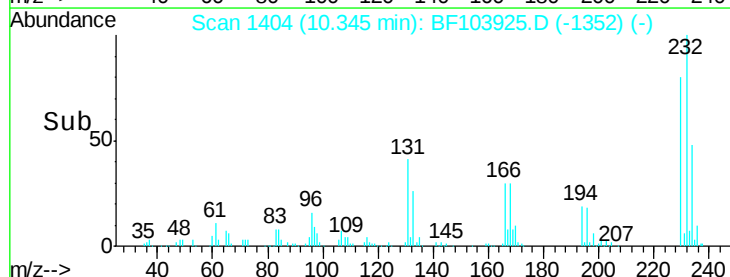
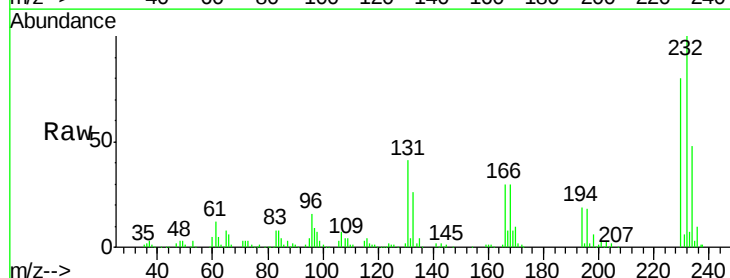
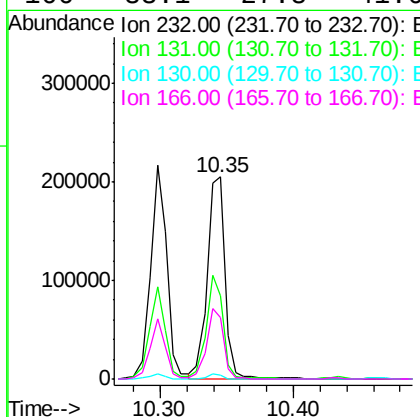
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

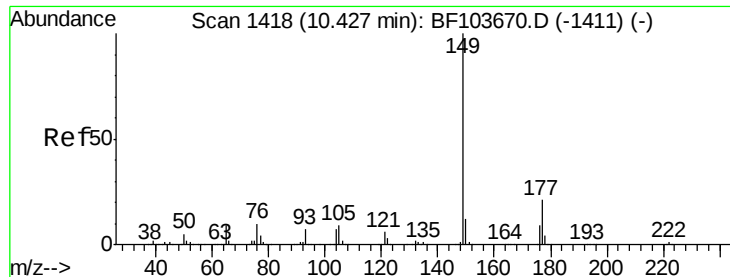
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.553 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.8	43.8	65.8
130	2.2	2.1	3.1
166	33.1	27.8	41.6





#59

Diethylphthalate

Concen: 37.078 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

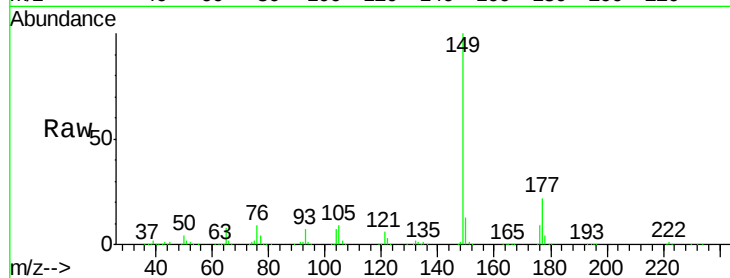
Tot Ion:149 Resp: 790582

Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

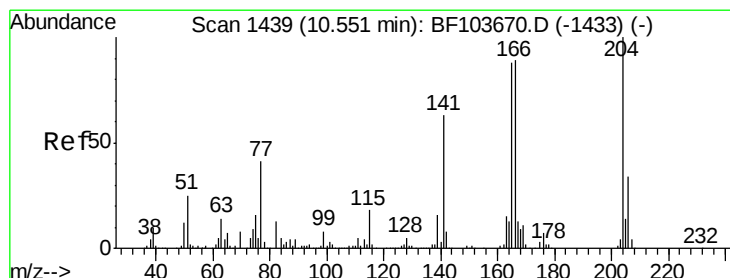
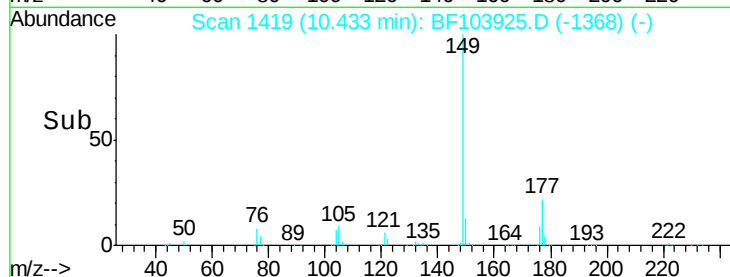
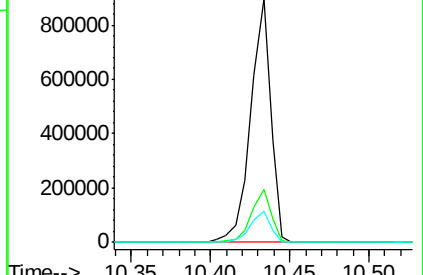
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.727 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

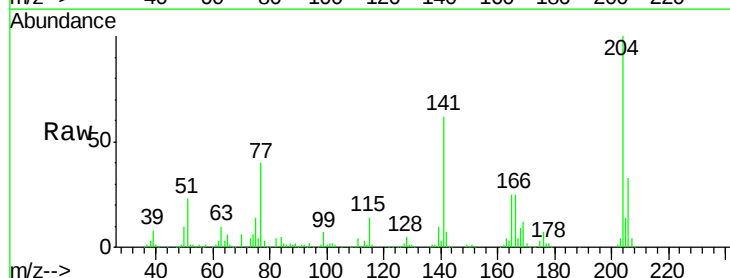
Tgt Ion:204 Resp: 345499

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

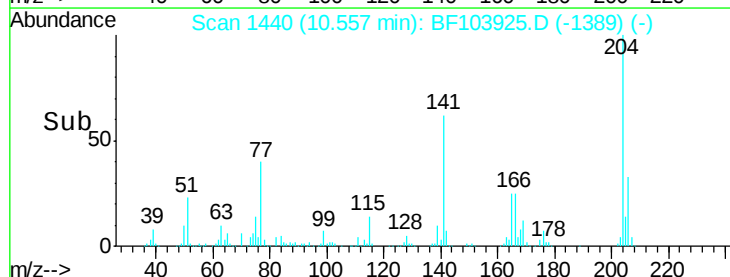
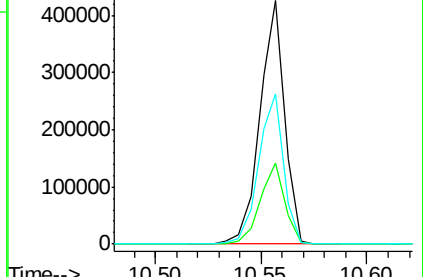
141 61.8 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

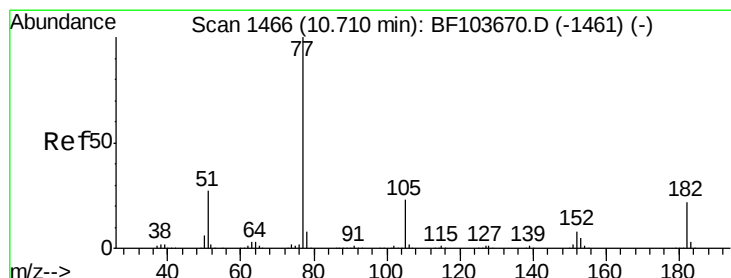
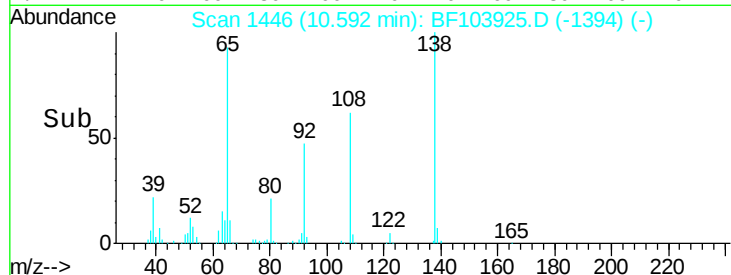
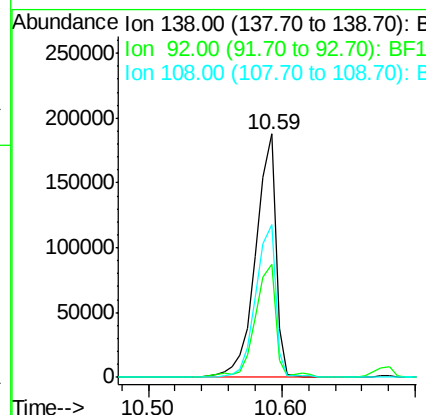
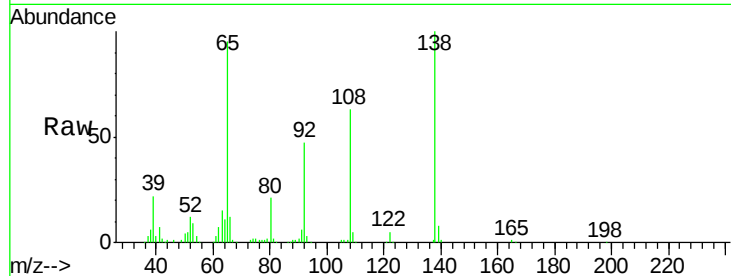




#61
4-Nitroaniline
Concen: 41.084 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

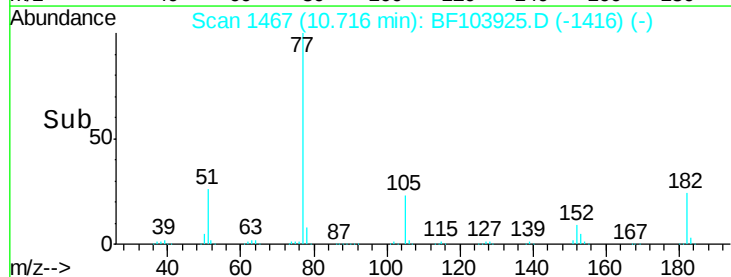
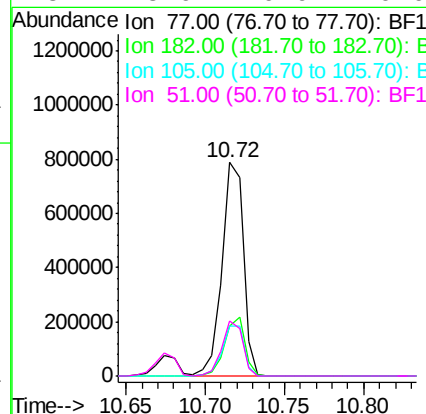
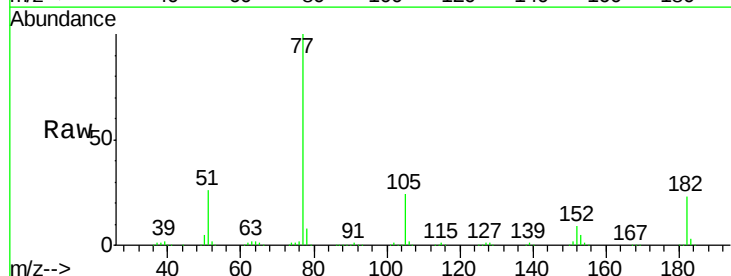
Instrument :
BNA_F
ClientSampleId :
PB107589BS

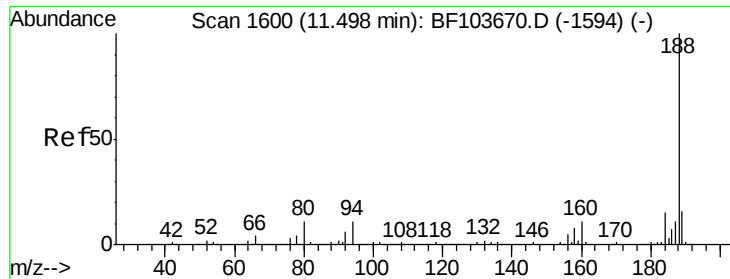
Tot Ion:138 Resp: 194124
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 62.8 52.5 92.5



#62
Azobenzene
Concen: 34.098 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion: 77 Resp: 739151
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 23.5 3.0 43.0
51 25.9 9.9 49.9

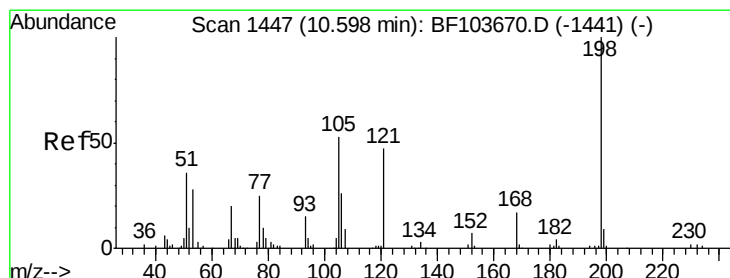
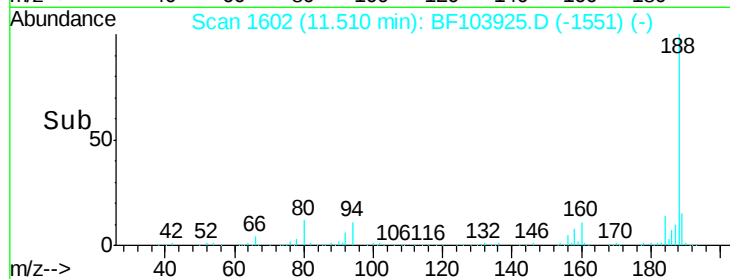
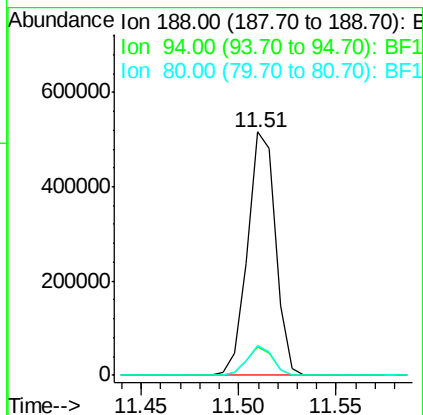
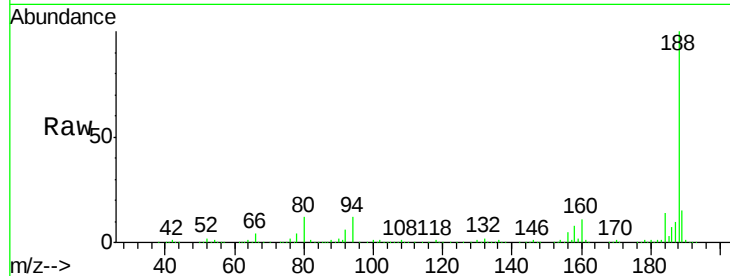




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

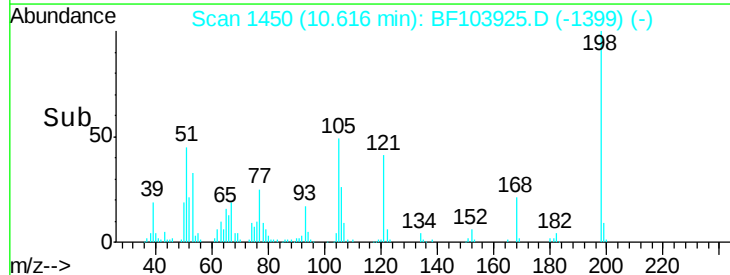
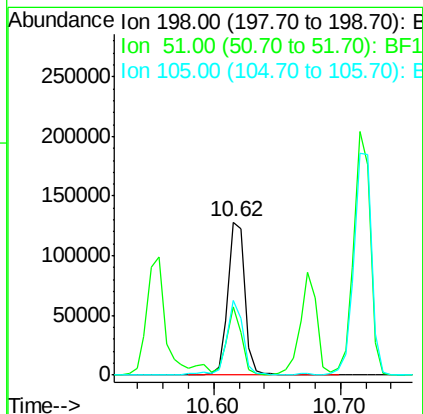
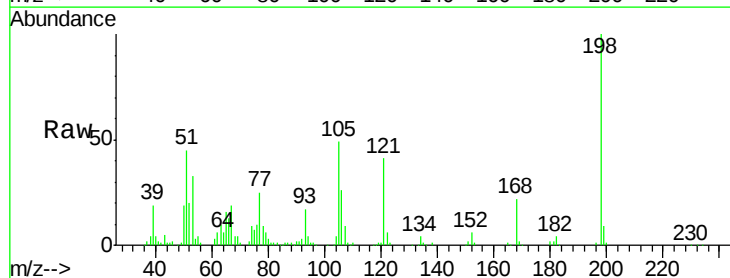
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

Tot Ion:188 Resp: 514974
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 12.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 57.475 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion:198 Resp: 119174
 Ion Ratio Lower Upper
 198 100
 51 44.7 37.7 77.7
 105 48.7 36.3 76.3

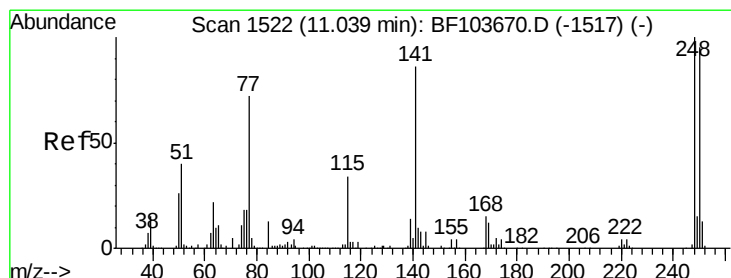
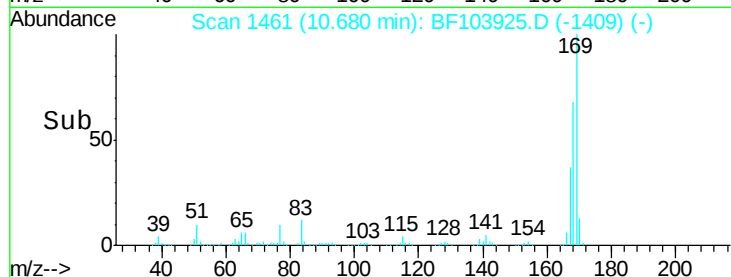
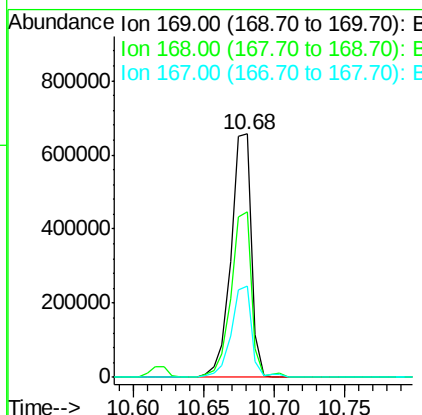
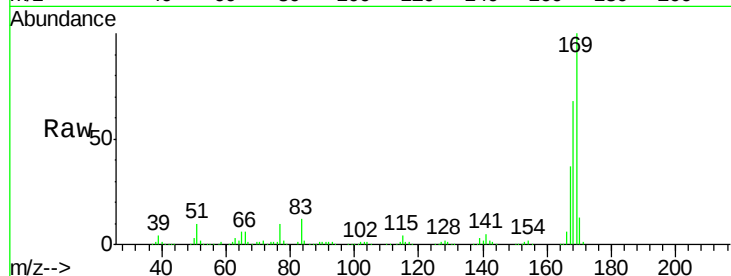




#65
n-Nitrosodiphenylamine
Concen: 37.621 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

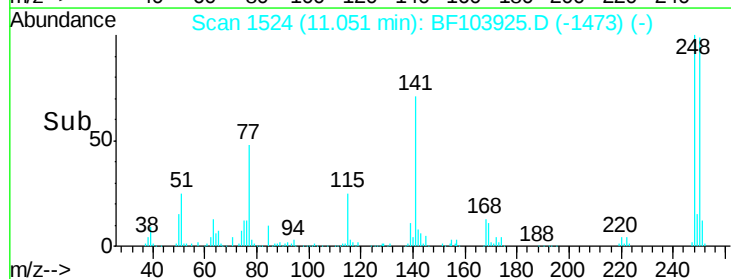
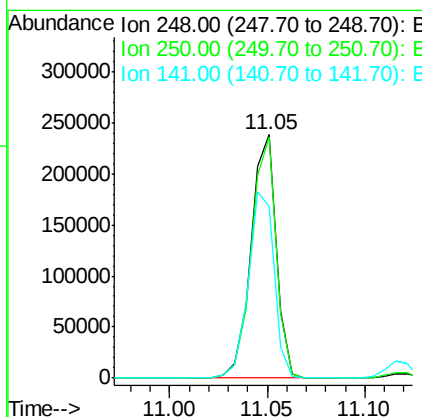
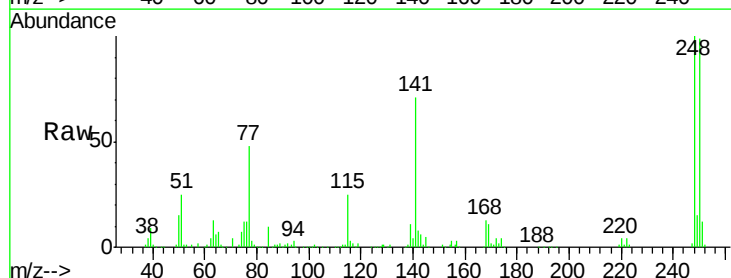
Instrument :
BNA_F
ClientSampleId :
PB107589BS

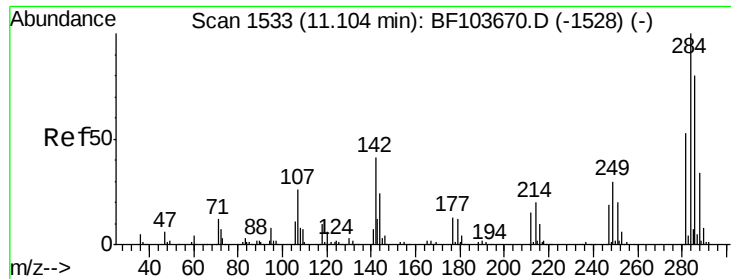
Tot Ion:169 Resp: 659452
Ion Ratio Lower Upper
169 100
168 67.7 54.4 81.6
167 37.3 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.349 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:248 Resp: 213341
Ion Ratio Lower Upper
248 100
250 98.9 76.9 115.3
141 70.9 74.4 111.6#

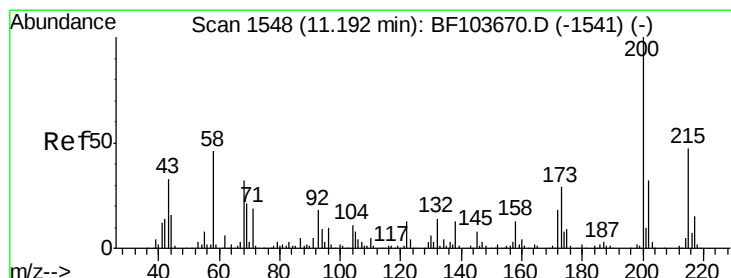
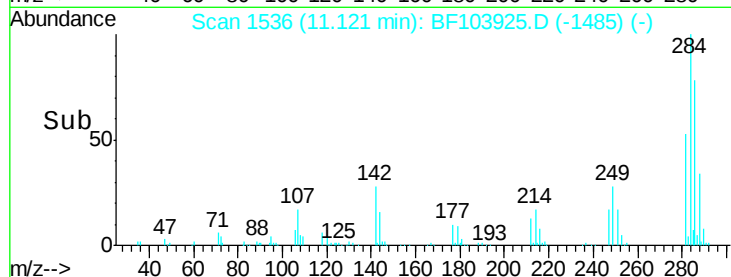
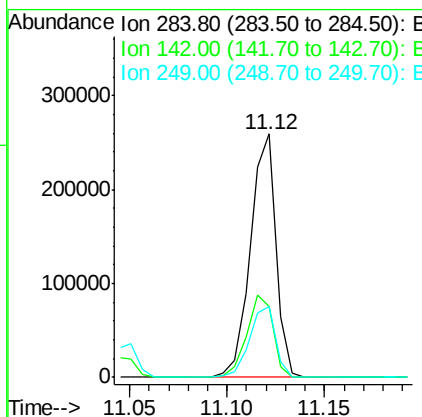
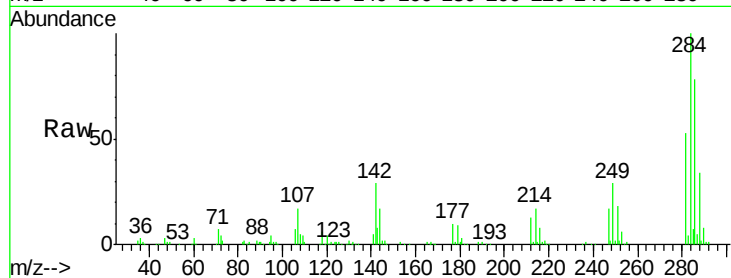




#67
Hexachlorobenzene
Concen: 38.988 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

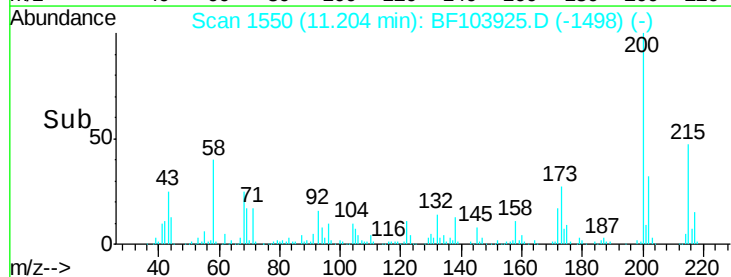
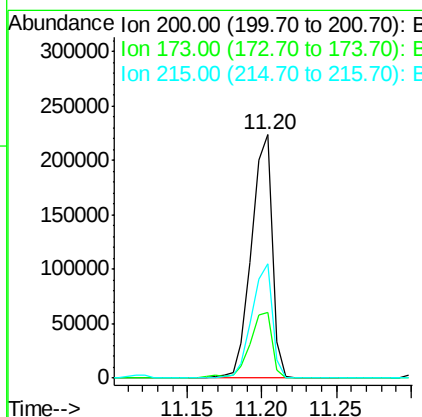
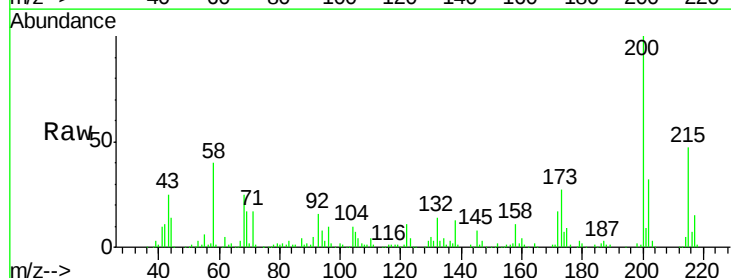
Instrument :
BNA_F
ClientSampleId :
PB107589BS

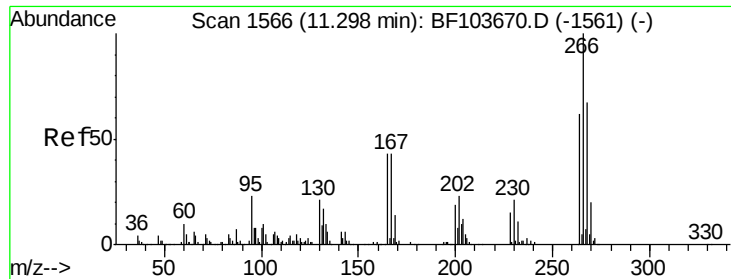
Tot Ion:284 Resp: 235283
Ion Ratio Lower Upper
284 100
142 29.0 34.6 52.0#
249 28.9 24.8 37.2



#68
Atrazine
Concen: 39.624 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:200 Resp: 214859
Ion Ratio Lower Upper
200 100
173 27.0 8.6 48.6
215 47.0 25.1 65.1

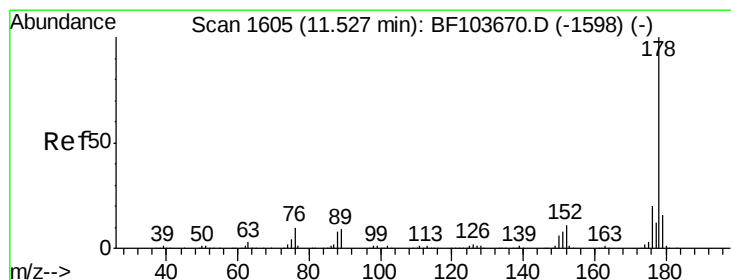
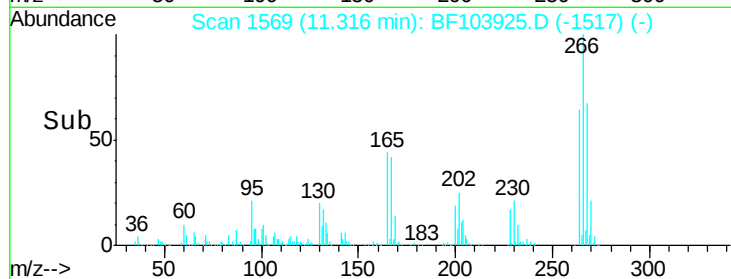
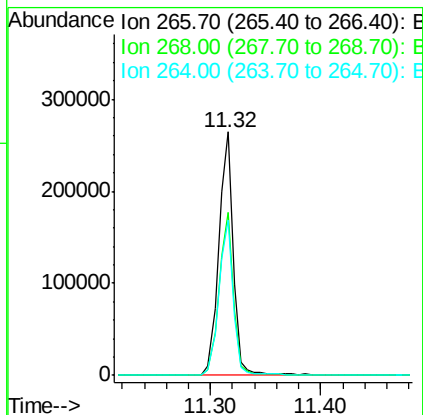
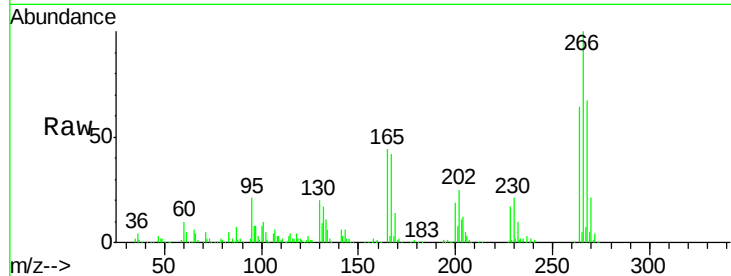




#69
 Pentachlorophenol
 Concen: 70.176 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

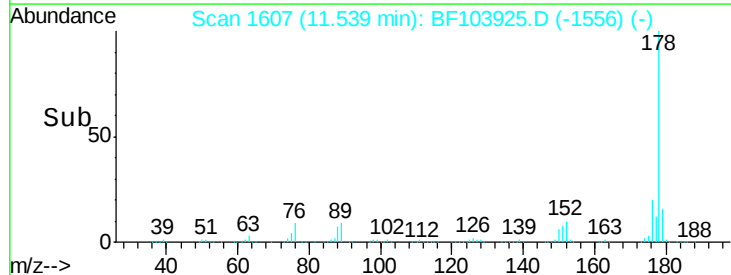
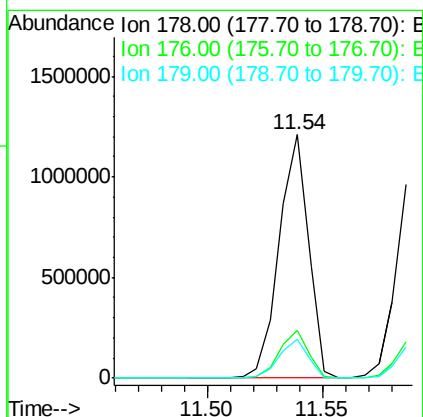
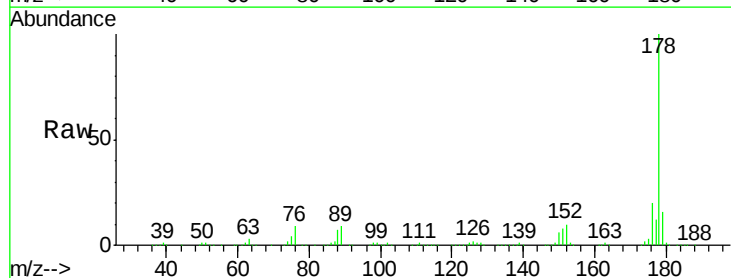
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

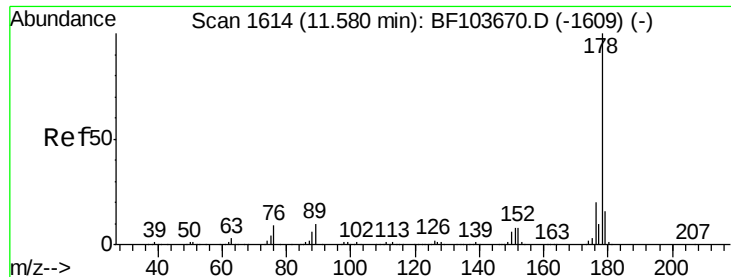
Tot Ion:266 Resp: 243474
 Ion Ratio Lower Upper
 266 100
 268 66.9 51.1 76.7
 264 63.9 49.5 74.3



#70
 Phenanthrene
 Concen: 37.816 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion:178 Resp: 1065300
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.7 13.0 19.6

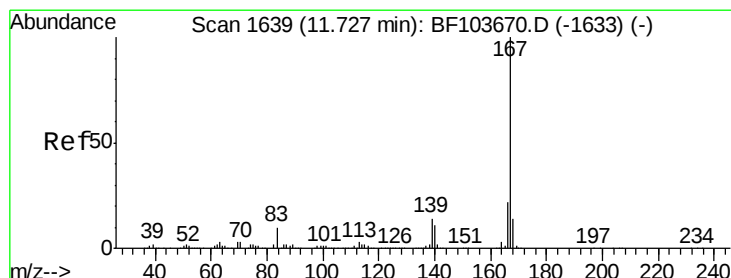
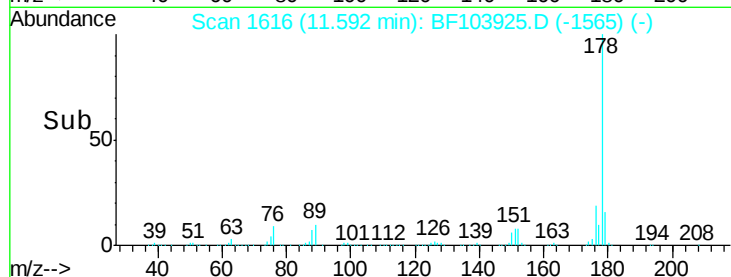
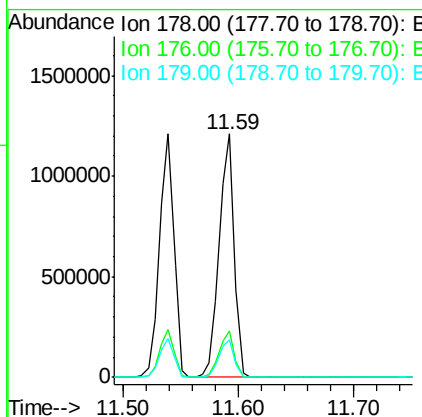
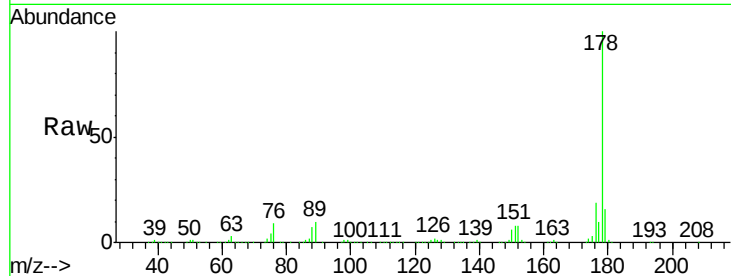




#71
 Anthracene
 Concen: 38.287 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

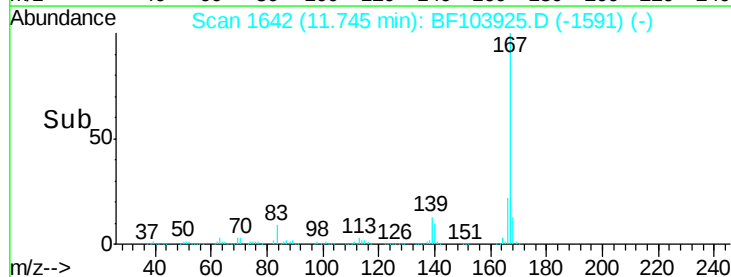
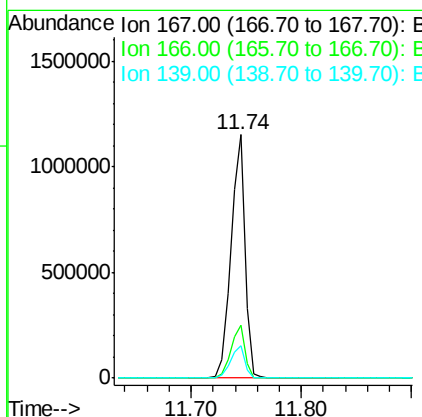
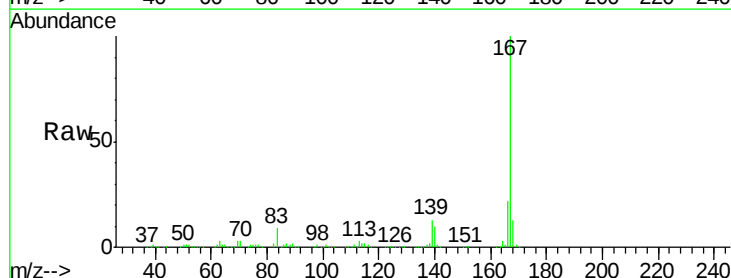
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

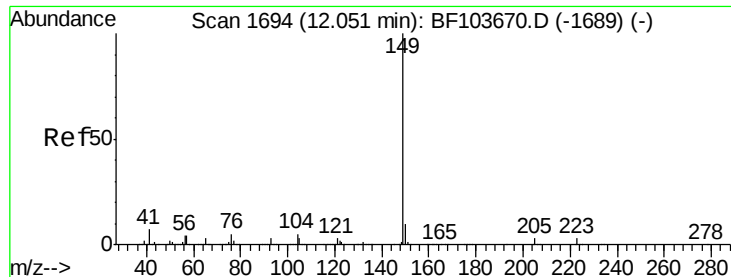
Tot Ion:178 Resp: 1095456
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 36.929 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion:167 Resp: 1026946
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.127 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

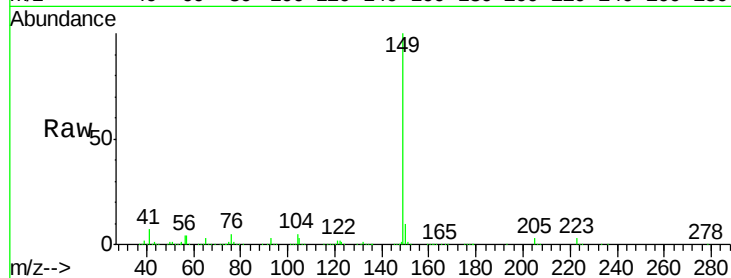
Tot Ion:149 Resp: 1238845

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

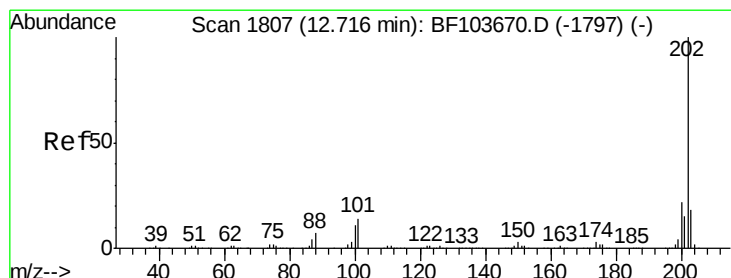
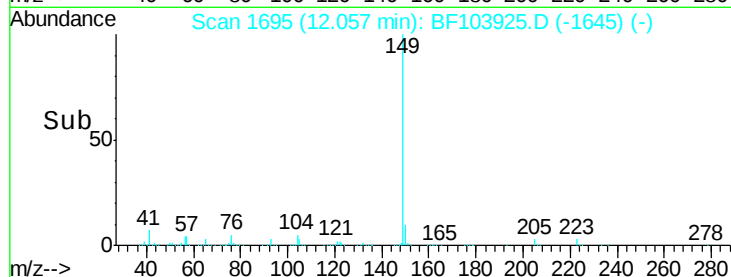
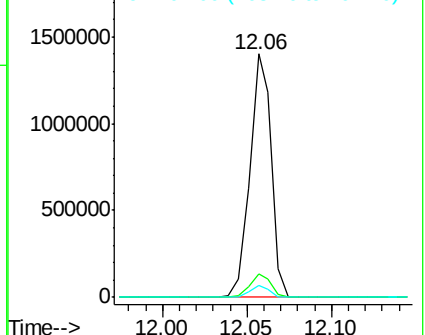
104 4.9 3.8 5.8



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: 38.702 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

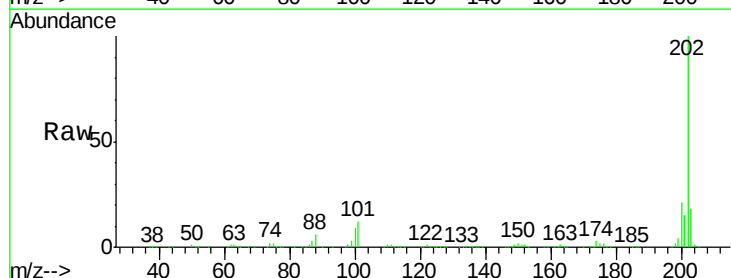
Tgt Ion:202 Resp: 1123189

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

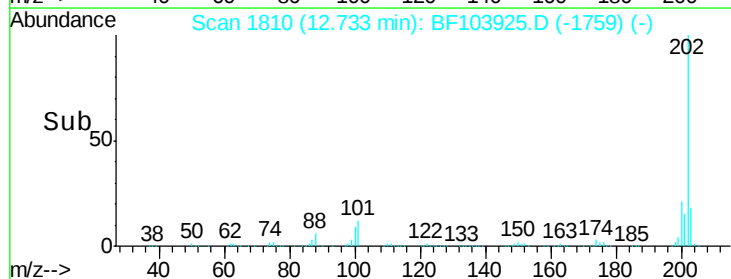
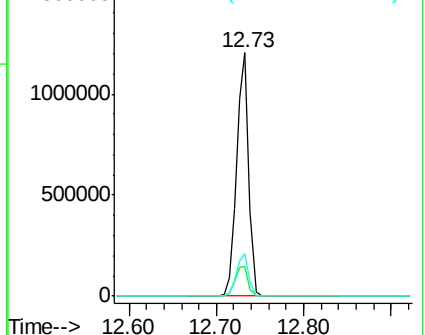
203 17.6 0.0 38.1

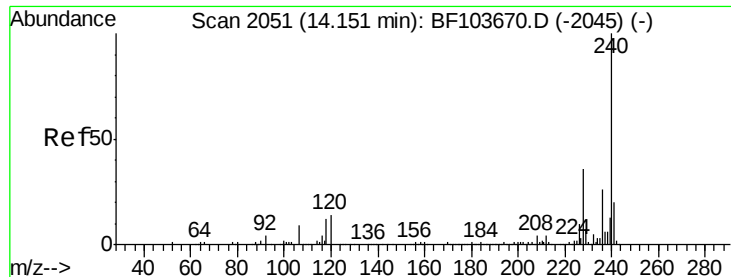


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

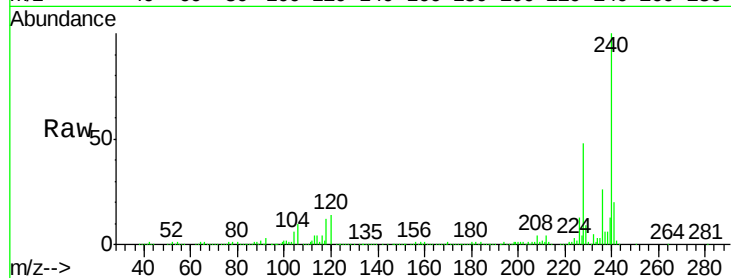
BNA_F

ClientSampleId :

PB107589BS

Tot Ion:240 Resp: 411407

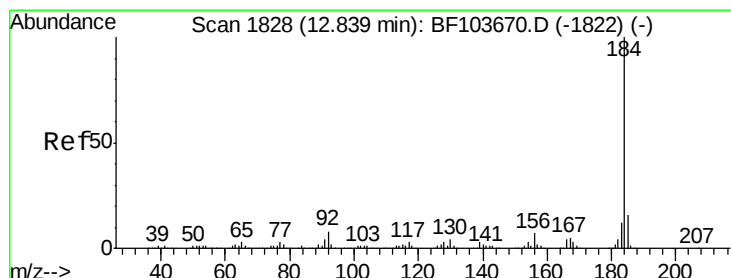
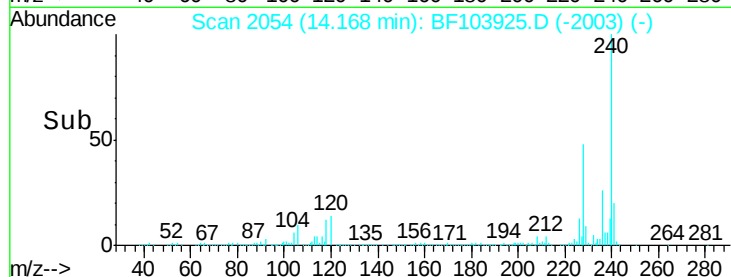
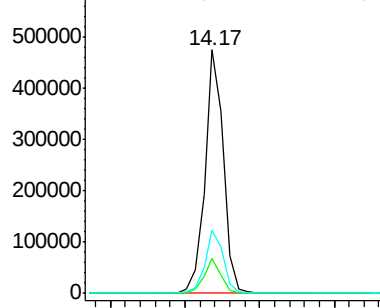
Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	26.1	20.7	31.1



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: 17.443 ng

RT: 12.84 min Scan# 1829

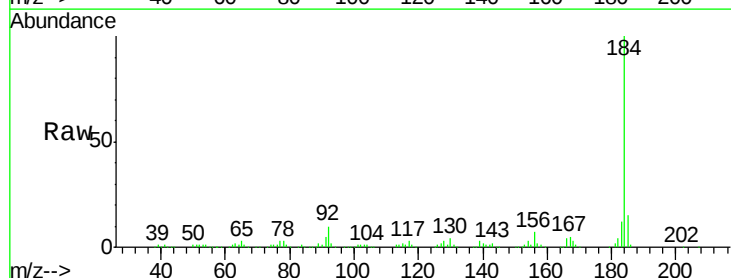
Delta R.T. -0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Tgt Ion:184 Resp: 306059

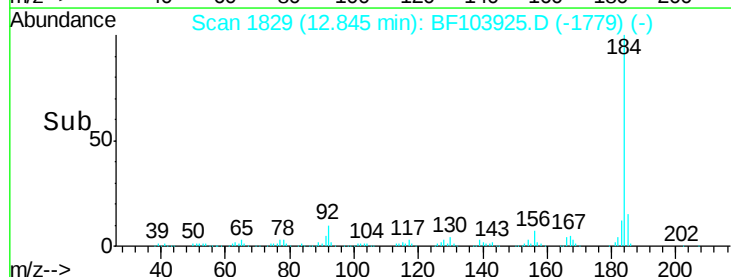
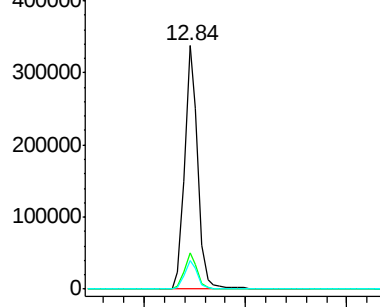
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.9	9.3	13.9

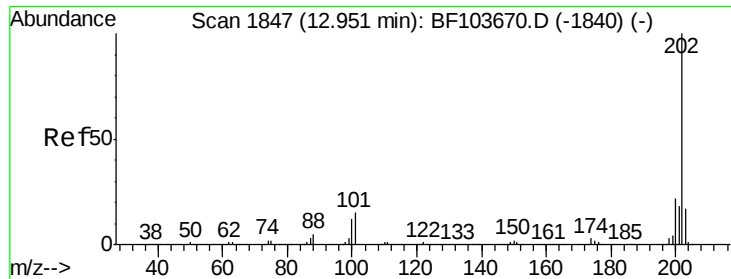


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

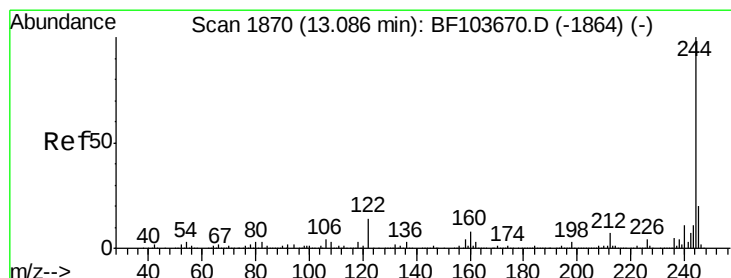
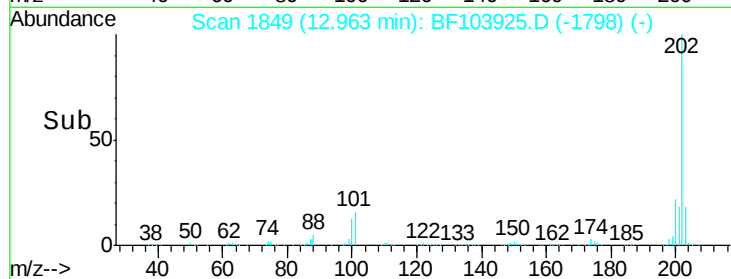
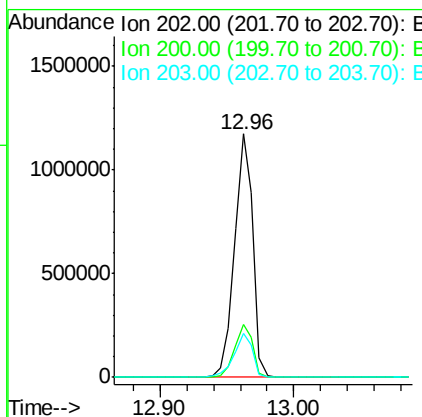
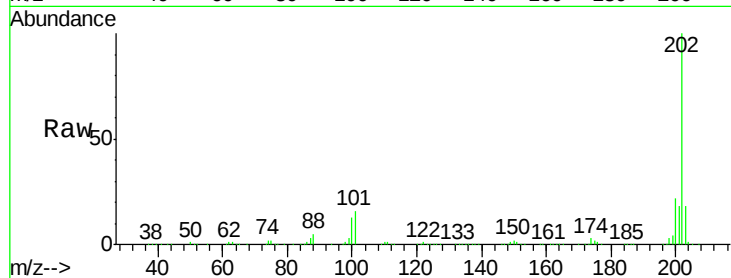




#77
Pvrene
Concen: 37.304 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

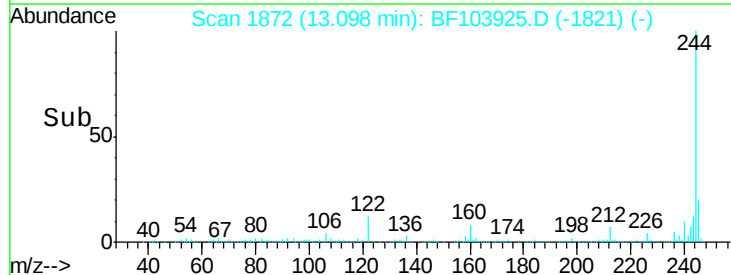
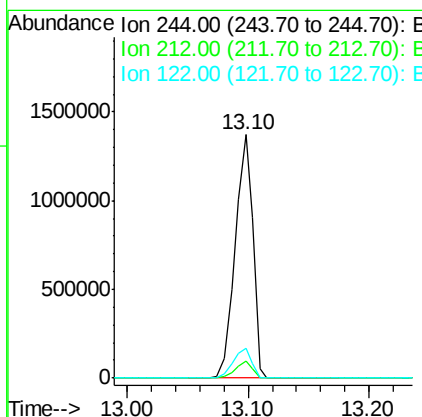
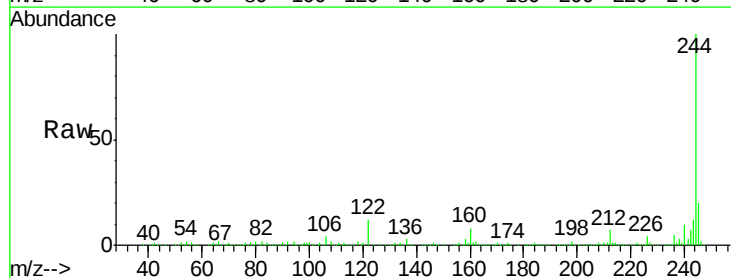
Instrument :
BNA_F
ClientSampleId :
PB107589BS

Tot Ion:202 Resp: 1127076
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 79.192 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:244 Resp: 1403620
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.4 11.0 16.4

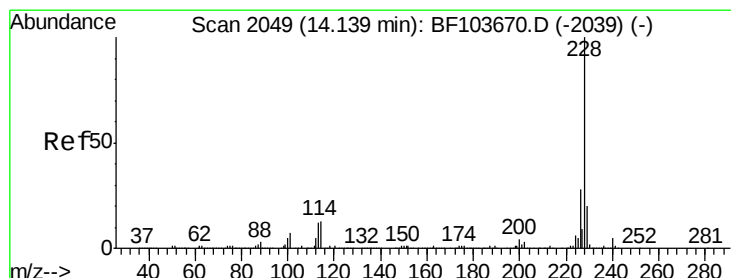
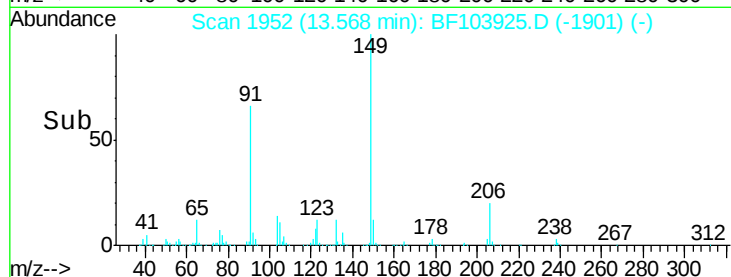
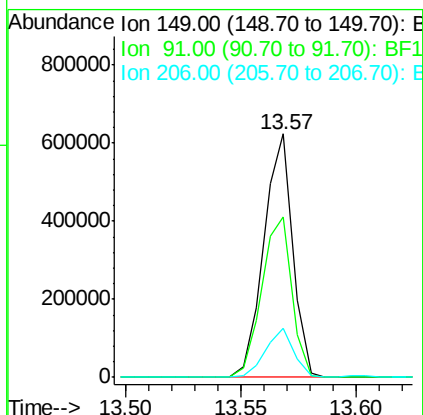
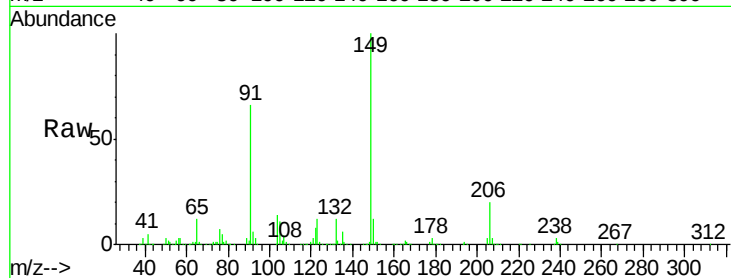




#79
Butylbenzylphthalate
Concen: 40.609 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

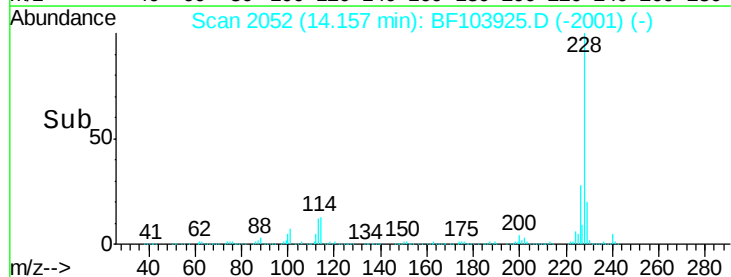
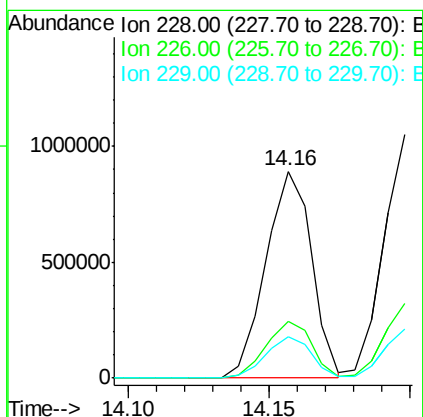
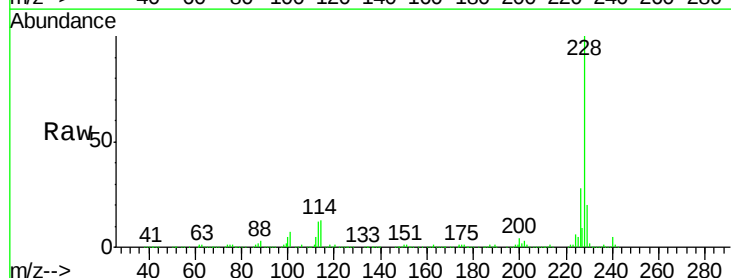
Instrument :
BNA_F
ClientSampleId :
PB107589BS

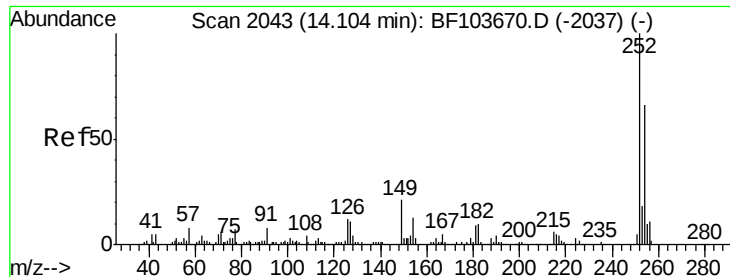
Tot Ion:149 Resp: 543600
Ion Ratio Lower Upper
149 100
91 66.1 56.8 85.2
206 20.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.642 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:228 Resp: 1006305
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 15.8 23.6

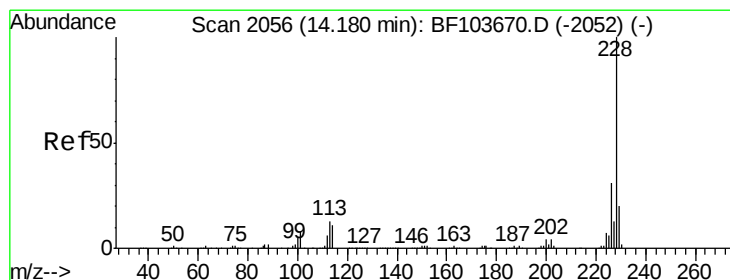
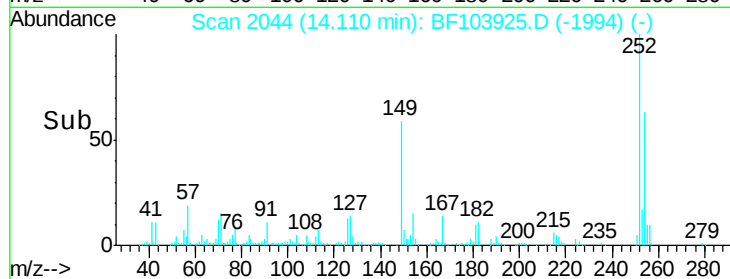
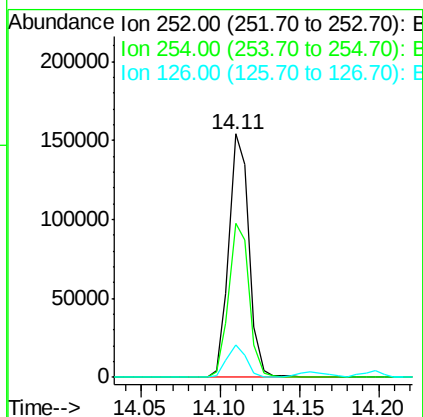
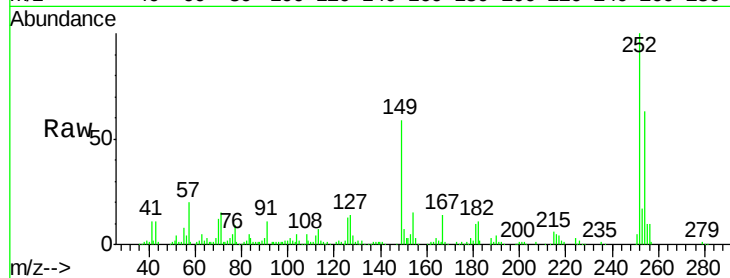




#81
 3,3'-Dichlorobenzidine
 Concen: 15.682 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

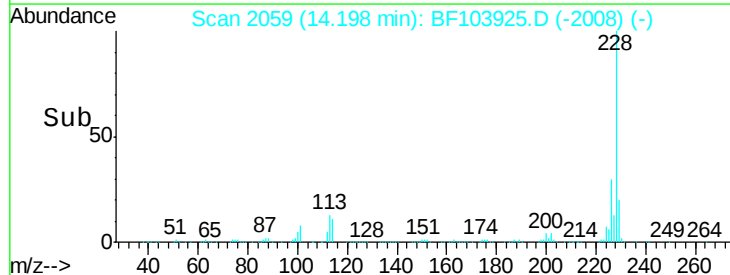
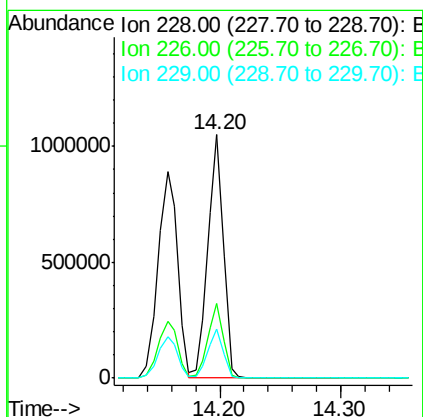
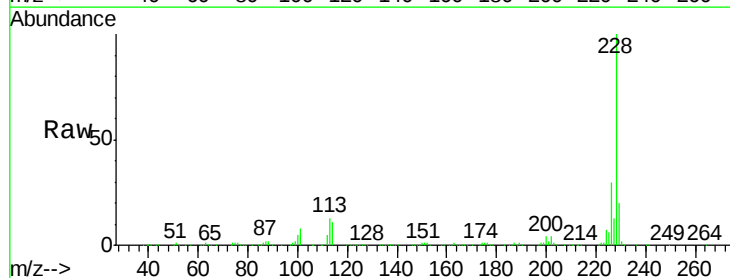
Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

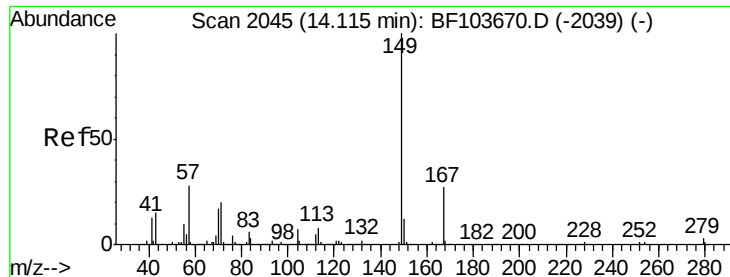
Tot Ion:252 Resp: 136601
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.4 75.6
 126 13.1 11.3 16.9



#82
 Chrysene
 Concen: 37.635 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Tgt Ion:228 Resp: 934279
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.154 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

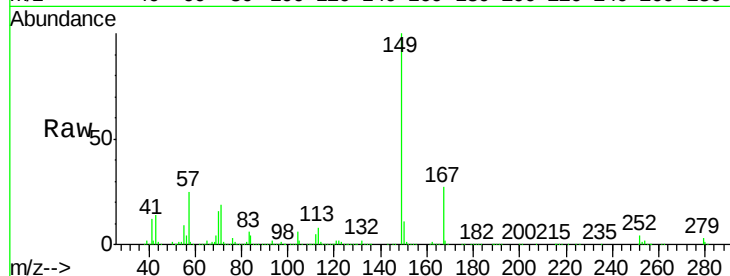
Tot Ion:149 Resp: 748754

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

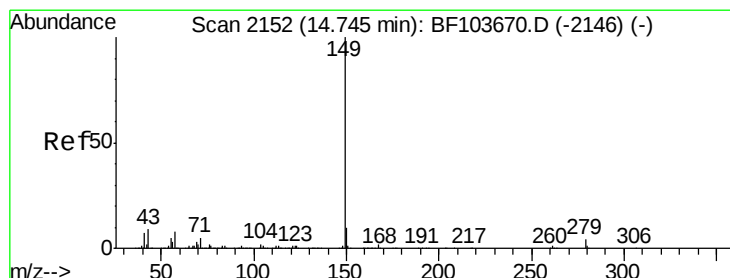
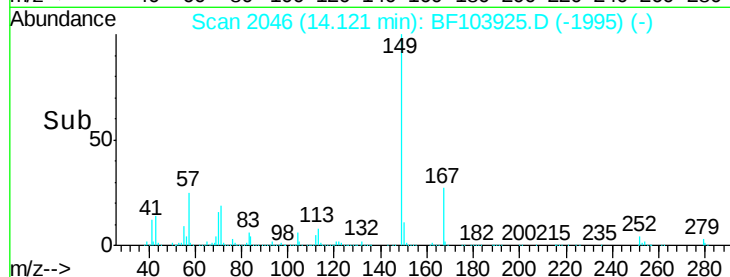
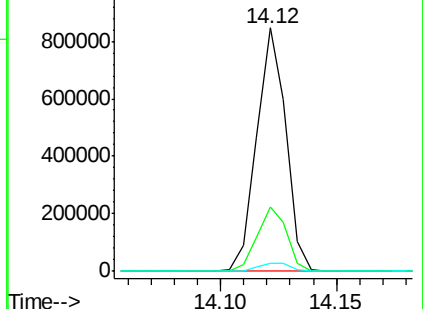
279 3.5 3.0 4.4



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: 45.112 ng

RT: 14.76 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

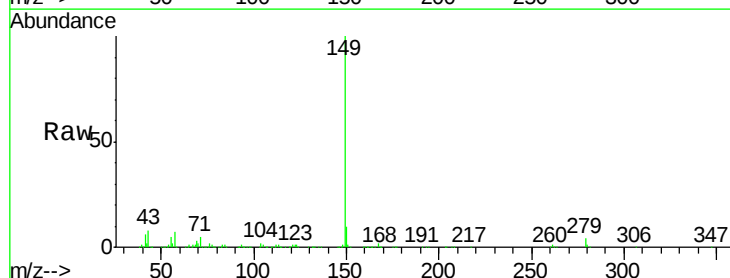
Tgt Ion:149 Resp: 1255057

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

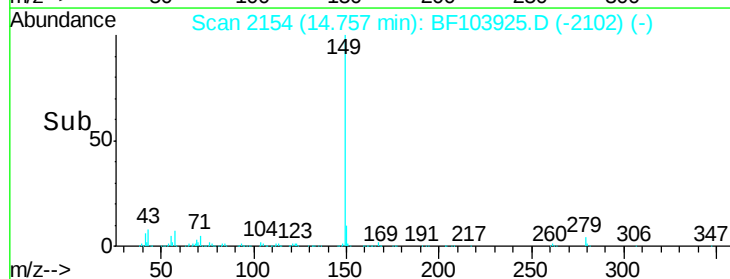
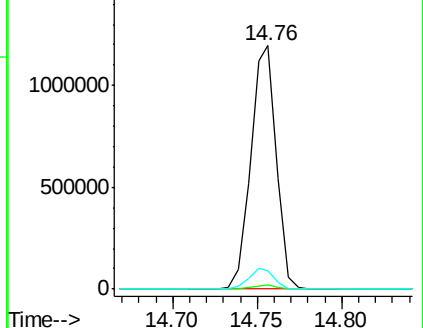
43 8.2 8.4 12.6#

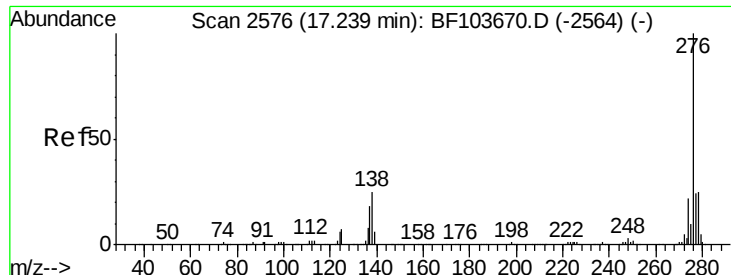


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

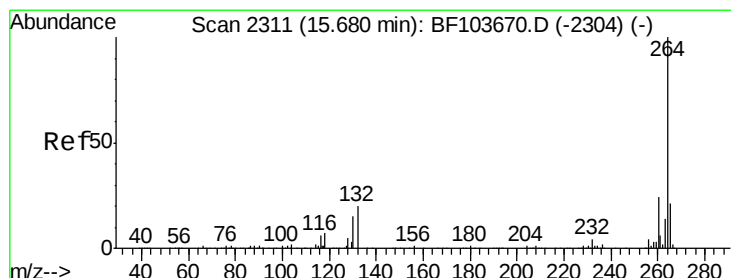
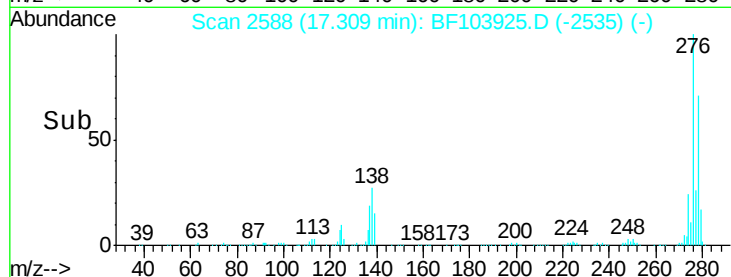
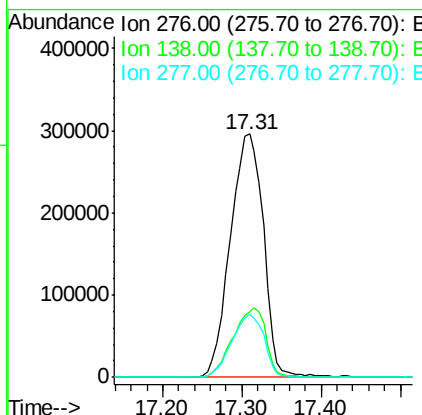
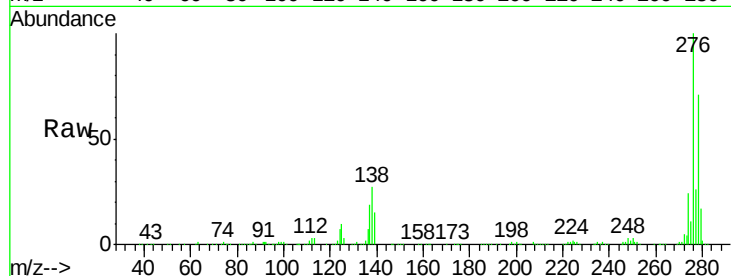




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.448 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

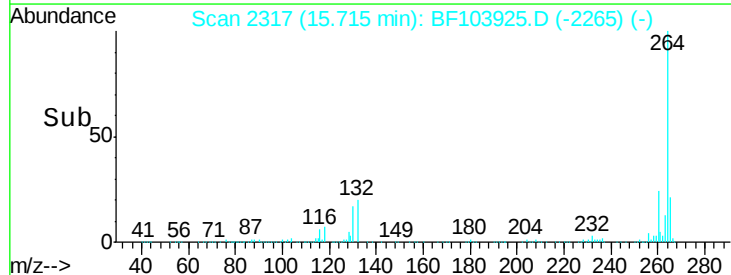
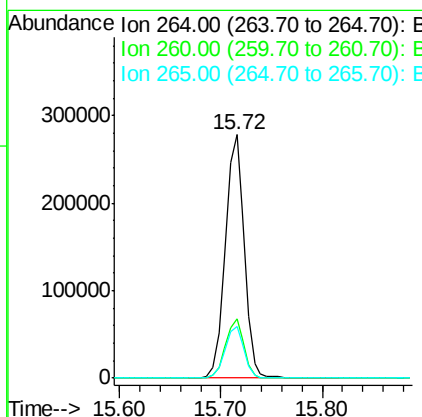
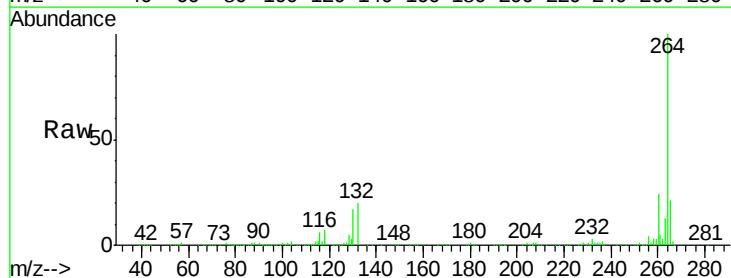
Instrument :
BNA_F
ClientSampleId :
PB107589BS

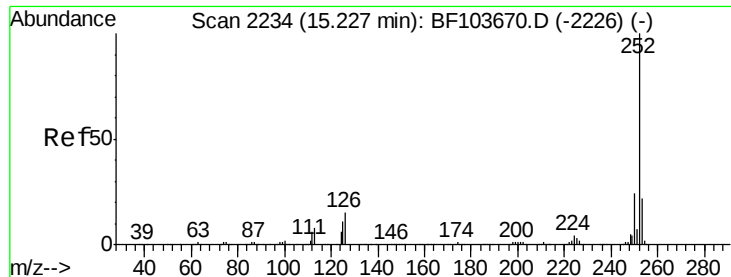
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	25.4	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.158 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB107589BS

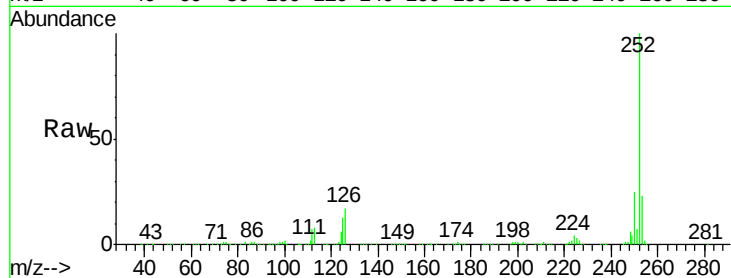
Tot Ion:252 Resp: 935176

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

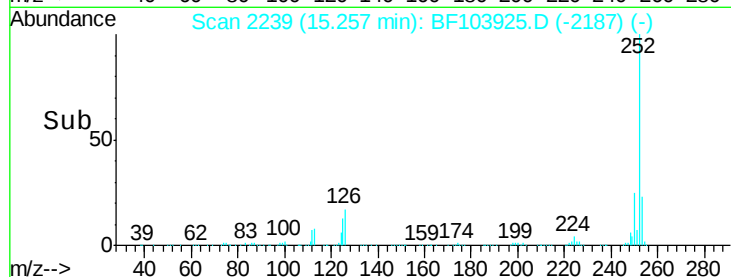
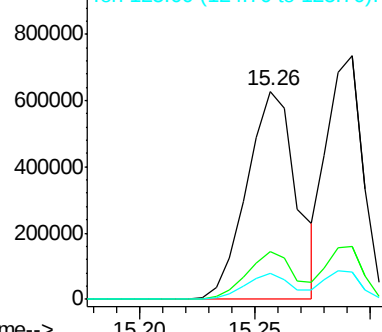
125 12.6 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 36.898 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF103925.D

Acq: 26 Mar 2018 14:50

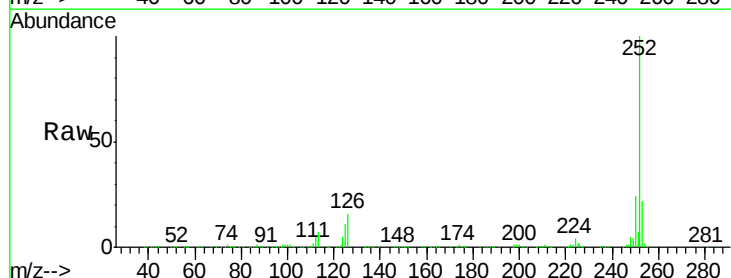
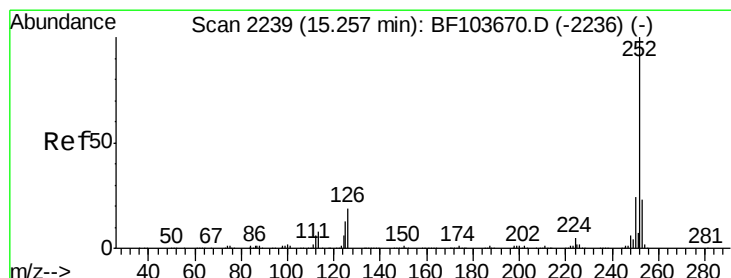
Tgt Ion:252 Resp: 805927

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

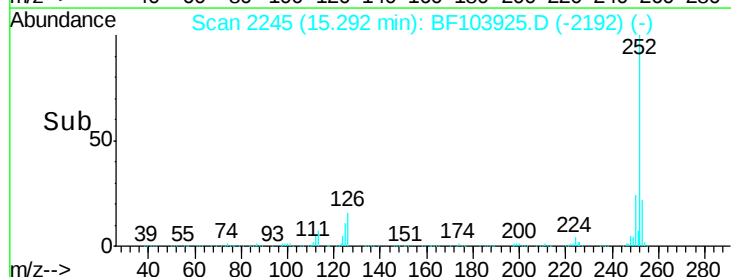
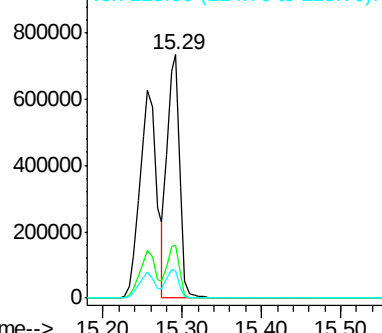
125 11.2 10.2 15.2

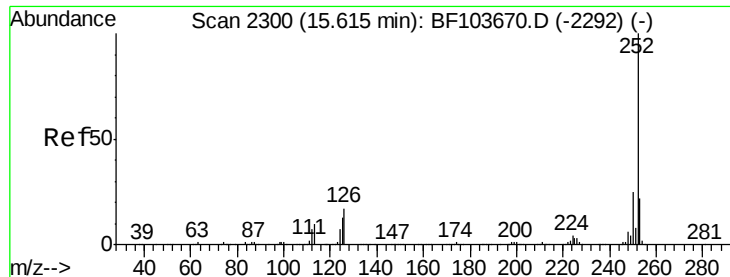


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

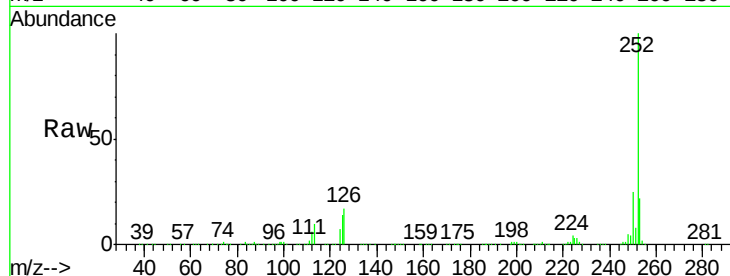




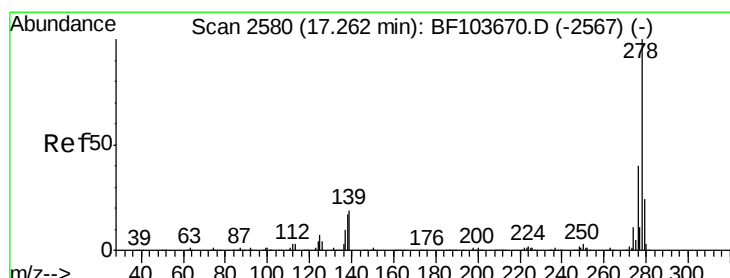
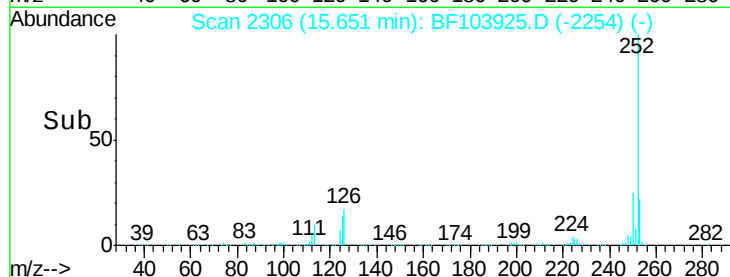
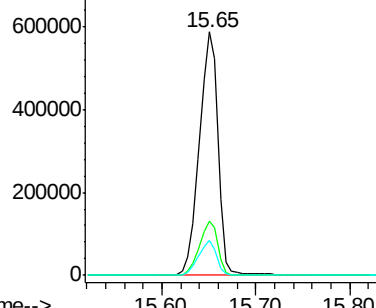
#89
Benzo(a)pyrene
Concen: 39.447 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB107589BS

Tot Ion:252 Resp: 812971
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 14.2 9.8 14.6

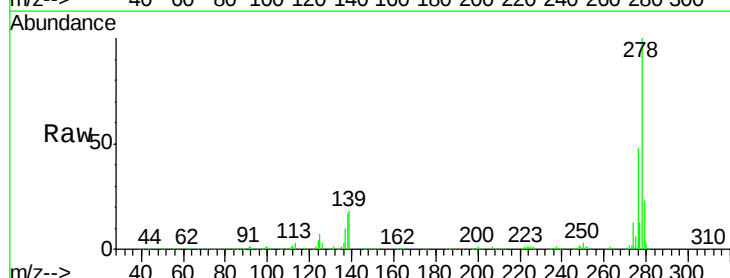


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

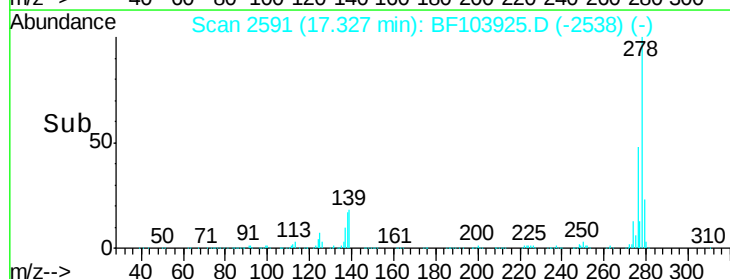
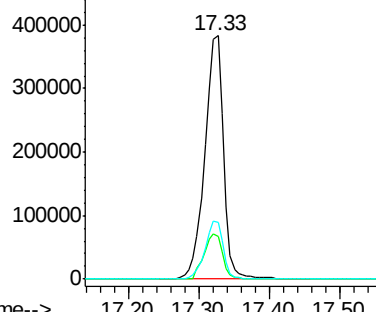


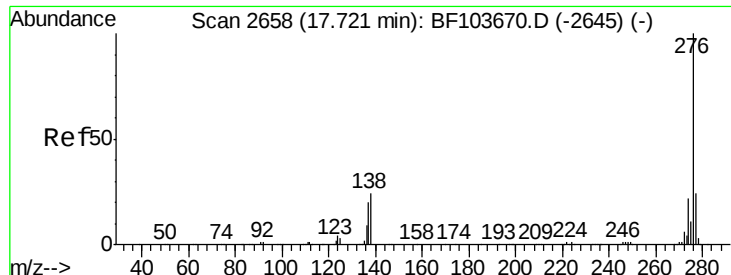
#90
Dibenzo(a,h)anthracene
Concen: 39.618 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF103925.D
Acq: 26 Mar 2018 14:50

Tgt Ion:278 Resp: 706998
Ion Ratio Lower Upper
278 100
139 17.7 15.9 23.9
279 23.3 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

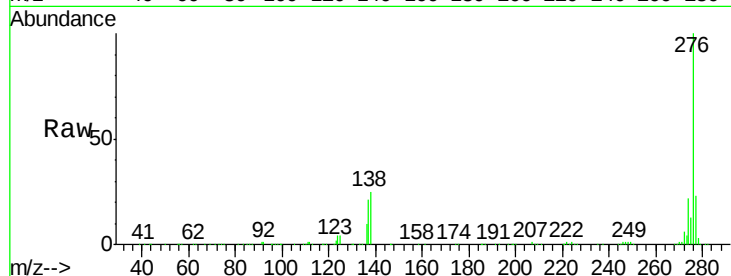




#91
 Benzo(a,h,i)perylene
 Concen: 41.317 ng
 RT: 17.79 min Scan# 2670
 Delta R.T. 0.01 min
 Lab File: BF103925.D
 Acq: 26 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB107589BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	25.2	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

