

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105029.D
 Acq On : 2 May 2018 14:29
 Operator : JU/SJ
 Sample : J2652-12MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

Quant Time: May 03 04:22:50 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88171	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	357448	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	154882	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	254484	20.00	ng	0.00
75) Chrysene-d12	14.03	240	186085	20.00	ng	0.00
86) Perylene-d12	15.59	264	183271	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	55193	9.57	ng	0.01
7) Phenol-d6	6.43	99	322517	45.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	352429	64.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	13856	8.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	578558	59.01	ng	0.00
78) Terphenyl-d14	12.91	244	463787	56.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	59985	22.325	ng	87
3) Pyridine	3.25	79	167732	22.203	ng	88
4) n-Nitrosodimethylamine	3.22	42	66586	25.215	ng	# 75
6) Aniline	6.45	93	137624	13.981	ng	# 71
8) 2-Chlorophenol	6.57	128	83818	13.772	ng	93
9) Benzaldehyde	6.34	77	87326	20.639	ng	95
10) Phenol	6.45	94	182410	24.265	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	166856	27.814	ng	93
12) 1,3-Dichlorobenzene	6.73	146	192271	27.886	ng	99
13) 1,4-Dichlorobenzene	6.80	146	196568	28.599	ng	99
14) 1,2-Dichlorobenzene	6.96	146	184095	28.903	ng	99
15) Benzyl Alcohol	6.94	79	144848	26.917	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	188258	23.368	ng	# 37
17) 2-Methylphenol	7.06	107	143625	27.148	ng	# 90
18) Hexachloroethane	7.30	117	60337	24.622	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	116594	25.184	ng	91
20) 3+4-Methylphenols	7.22	107	191291	29.154	ng	95
22) Acetophenone	7.20	105	251162	28.541	ng	# 94
24) Nitrobenzene	7.37	77	179895	29.765	ng	99
25) Isophorone	7.62	82	323134	27.915	ng	97
26) 2-Nitrophenol	7.69	139	22662	9.211	ng	95
27) 2,4-Dimethylphenol	7.73	122	161519	31.616	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	210063	29.680	ng	98
29) 2,4-Dichlorophenol	7.95	162	59228	12.151	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	154001	28.788	ng	99
31) Naphthalene	8.10	128	555473	31.208	ng	100
32) Benzoic acid	7.73	122	161519	39.625	ng	# 14
33) 4-Chloroaniline	8.15	127	121373	15.917	ng	97
34) Hexachlorobutadiene	8.20	225	83925	28.642	ng	99
35) Caprolactam	8.50	113	45631	26.834	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	147790	28.276	ng	98
37) 2-Methylnaphthalene	8.79	142	353313	30.688	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	145430	32.802	ng	98
40) Hexachlorocyclopentadiene	8.93	237	5059	2.038	ng	91

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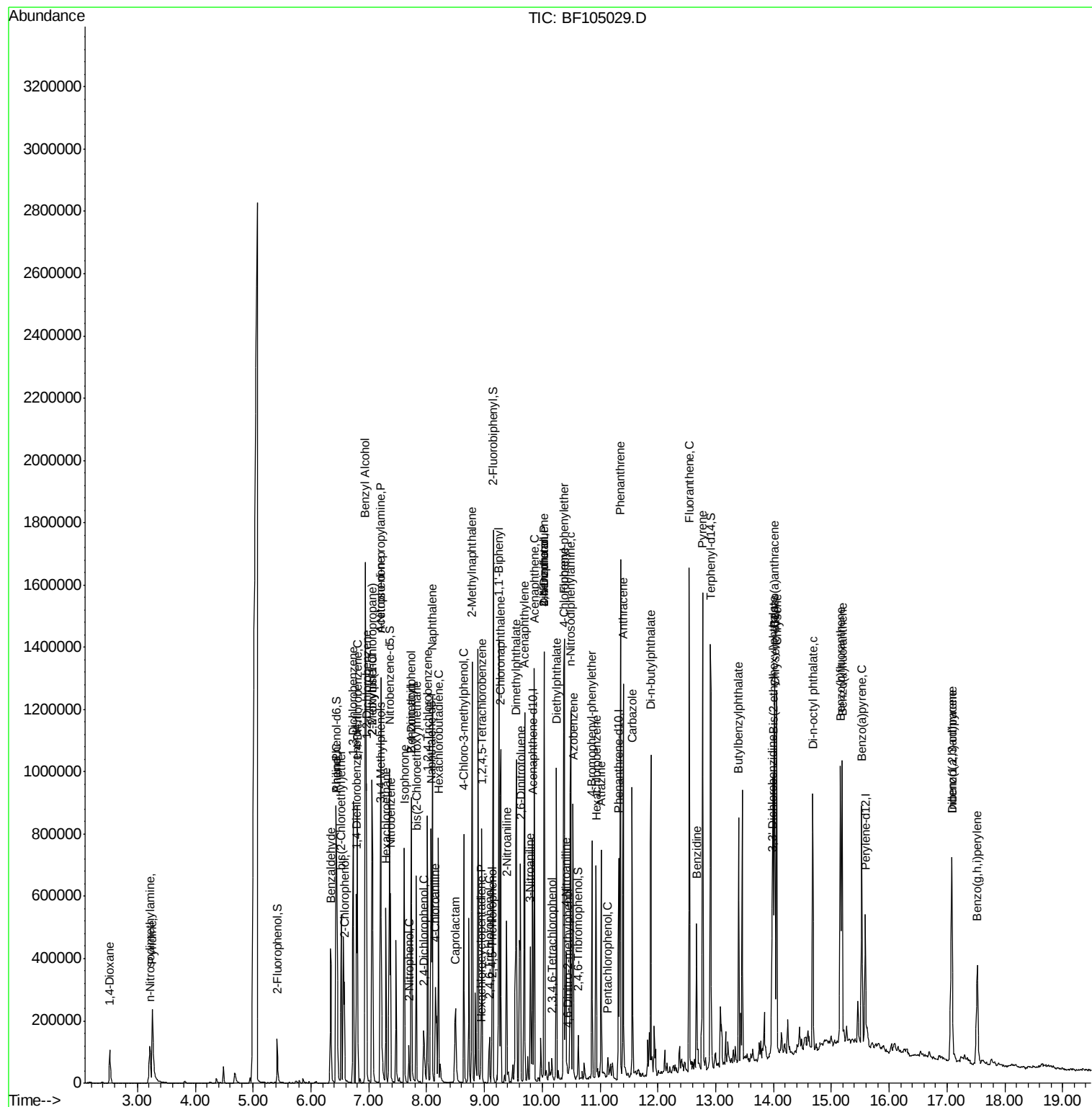
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	12223	3.971	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	23631	6.861	ng	95
45) 1,1'-Biphenyl	9.25	154	405534	31.168	ng	98
46) 2-Chloronaphthalene	9.28	162	309197	30.086	ng	98
47) 2-Nitroaniline	9.38	65	87268	34.337	ng	98
48) Acenaphthylene	9.69	152	482378	29.916	ng	100
49) Dimethylphthalate	9.55	163	426496	34.920	ng	100
50) 2,6-Dinitrotoluene	9.62	165	78185	34.595	ng	98
51) Acenaphthene	9.86	154	291645	29.644	ng	100
52) 3-Nitroaniline	9.80	138	77041	29.118	ng	90
54) Dibenzofuran	10.04	168	416263	30.361	ng	99
55) 4-Nitrophenol	10.04	139	162601	78.236	ng	# 10
56) 2,4-Dinitrotoluene	10.03	165	94909	32.016	ng	95
57) Fluorene	10.38	166	348347	34.906	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	8822	3.433	ng	# 72
59) Diethylphthalate	10.24	149	349513	28.733	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	149335	33.601	ng	100
61) 4-Nitroaniline	10.41	138	84021	32.478	ng	94
62) Azobenzene	10.53	77	295868	25.459	ng	90
64) 4,6-Dinitro-2-methylphenol	10.45	198	122	7.430	ng	# 47
65) n-Nitrosodiphenylamine	10.49	169	285094	32.310	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	86294	31.879	ng	90
67) Hexachlorobenzene	10.93	284	91586	30.069	ng	# 87
68) Atrazine	11.02	200	88316	33.159	ng	97
69) Pentachlorophenol	11.14	266	8738	4.637	ng	93
70) Phenanthrene	11.35	178	643830	45.430	ng	98
71) Anthracene	11.40	178	494350	34.315	ng	98
72) Carbazole	11.56	167	397250	28.219	ng	99
73) Di-n-butylphthalate	11.88	149	505855	29.417	ng	99
74) Fluoranthene	12.54	202	623200	42.088	ng	97
76) Benzidine	12.67	184	183952	26.120	ng	97
77) Pyrene	12.77	202	612551	44.409	ng	99
79) Butylbenzylphthalate	13.40	149	182484	28.082	ng	100
80) Benzo(a)anthracene	14.02	228	465169	41.843	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	103762	25.033	ng	97
82) Chrysene	14.06	228	431885	37.822	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	271388	32.469	ng	100
84) Di-n-octyl phthalate	14.68	149	446544	31.974	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.08	276	323483	33.348	ng	96
87) Benzo(b)fluoranthene	15.16	252	441511	38.143	ng	98
88) Benzo(k)fluoranthene	15.19	252	381512	34.912	ng	97
89) Benzo(a)pyrene	15.53	252	396244	38.259	ng	98
90) Dibenzo(a,h)anthracene	17.09	278	247174	29.059	ng	97
91) Benzo(g,h,i)perylene	17.53	276	263839	32.016	ng	94

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

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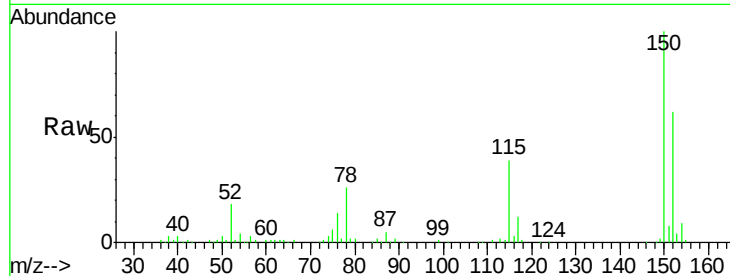


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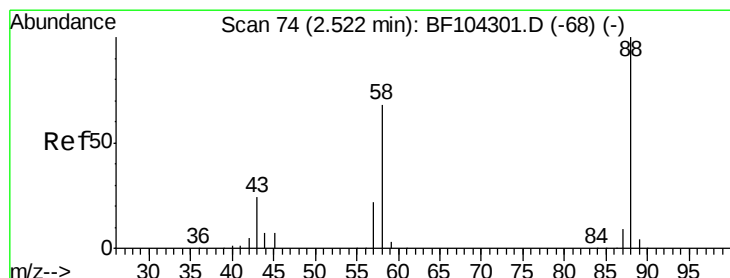
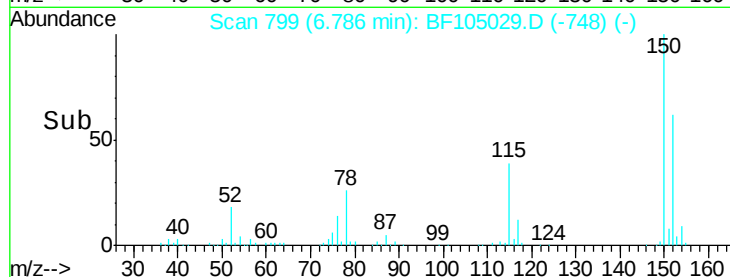
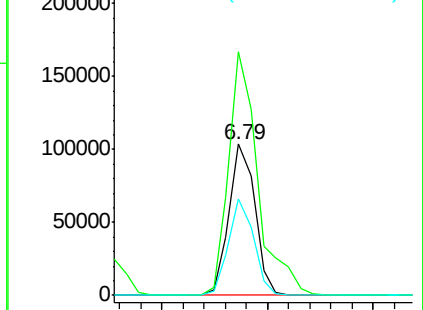
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

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 AMENDED-COMPOSITE-P5-WC

Tgt Ion:152 Resp: 88171
 Ion Ratio Lower Upper
 152 100
 150 161.0 124.6 186.8
 115 63.4 50.1 75.1



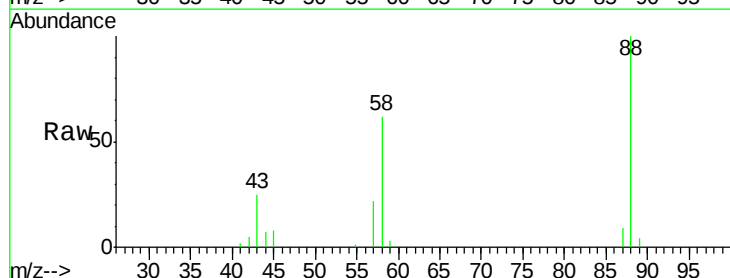
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



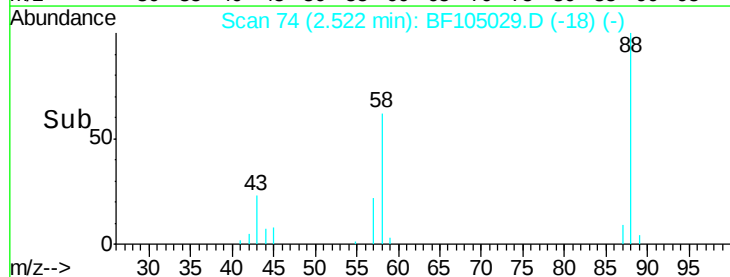
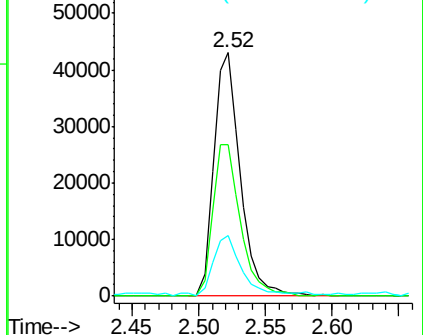
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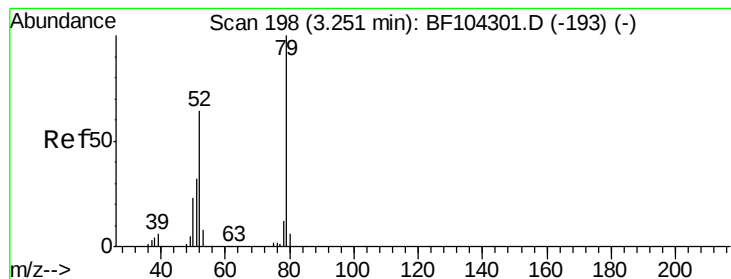
1,4-Dioxane
 Concen: 22.325 ng
 RT: 2.52 min Scan# 74
 Delta R.T. 0.03 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion: 88 Resp: 59985
 Ion Ratio Lower Upper
 88 100
 58 65.0 62.6 93.8
 43 27.6 24.6 37.0



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





#3

Pyridine

Concen: 22.203 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.03 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

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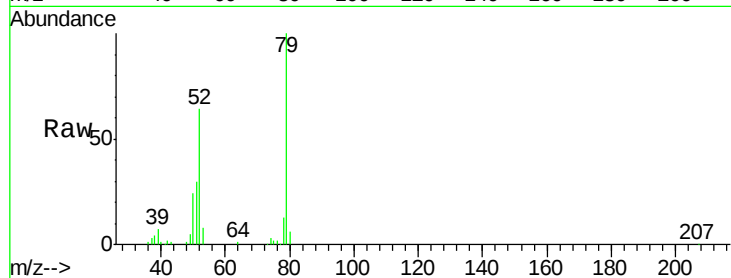
Tgt Ion: 79 Resp: 167732

Ion Ratio Lower Upper

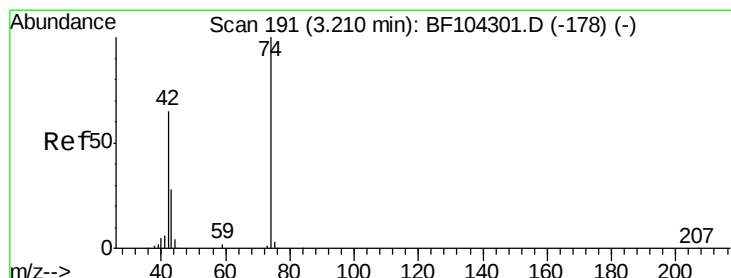
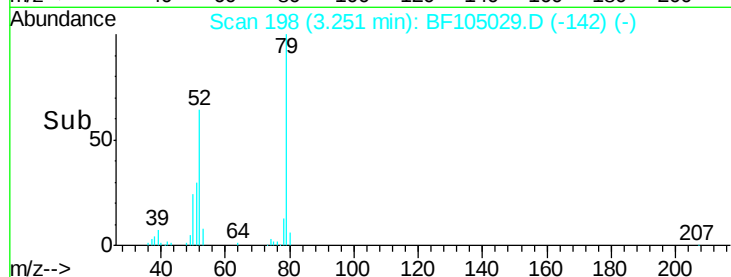
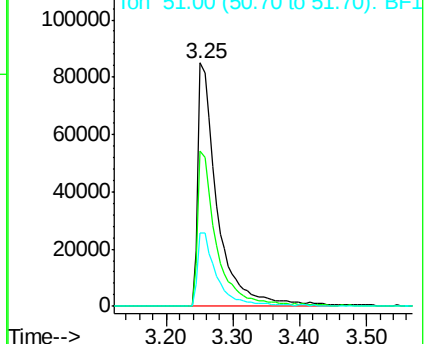
79 100

52 63.9 59.8 89.6

51 30.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 25.215 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

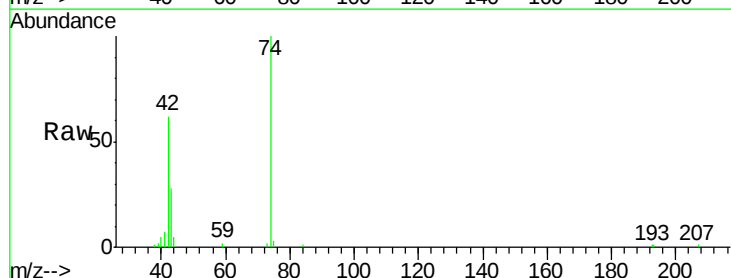
Tgt Ion: 42 Resp: 66586

Ion Ratio Lower Upper

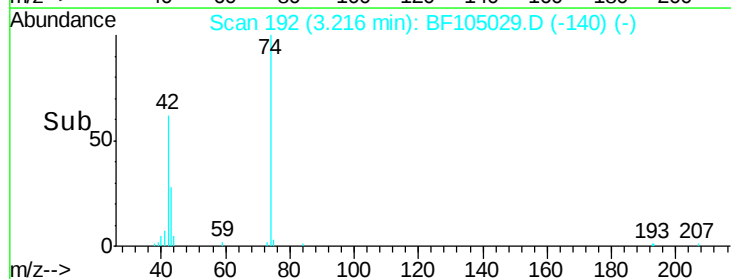
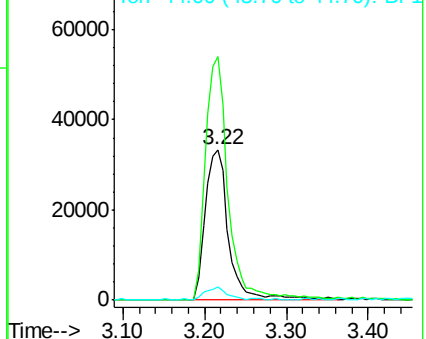
42 100

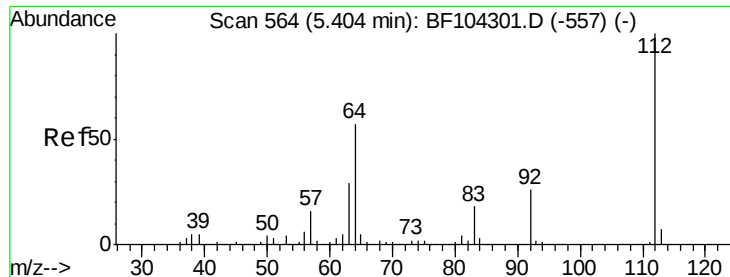
74 161.7 104.9 157.3#

44 8.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 9.572 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105029.D

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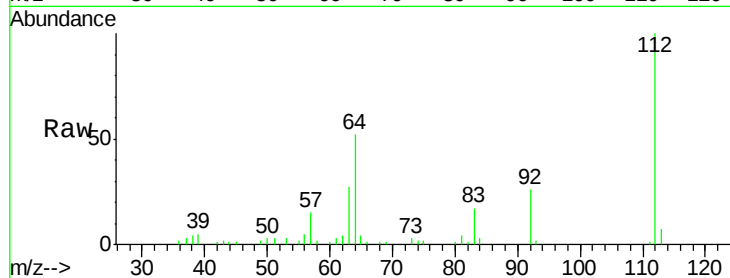
Tgt Ion: 112 Resp: 55193

Ion Ratio Lower Upper

112 100

64 51.6 47.9 71.9

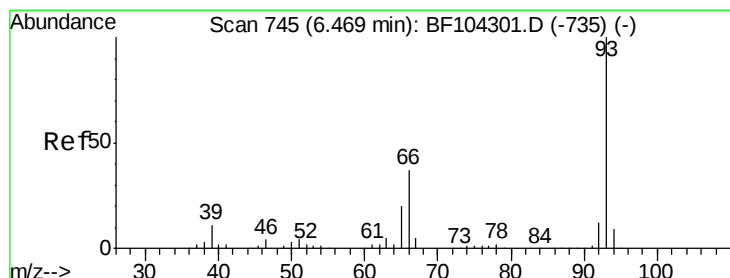
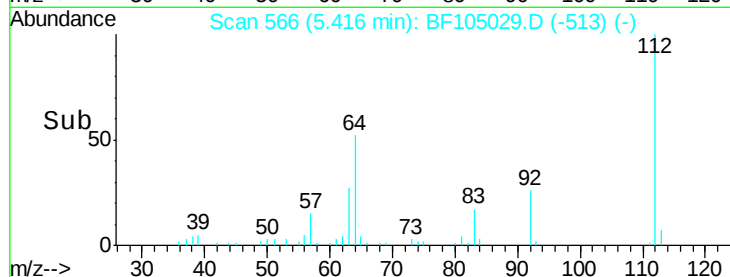
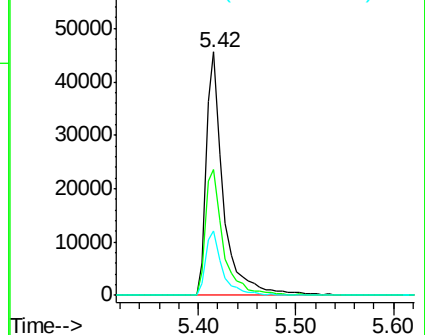
63 26.7 23.7 35.5



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: 13.981 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

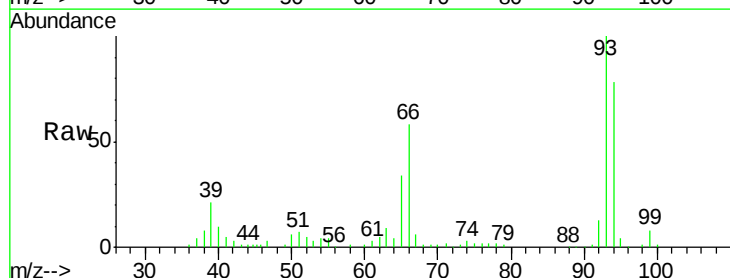
Tgt Ion: 93 Resp: 137624

Ion Ratio Lower Upper

93 100

66 58.5 32.2 48.2#

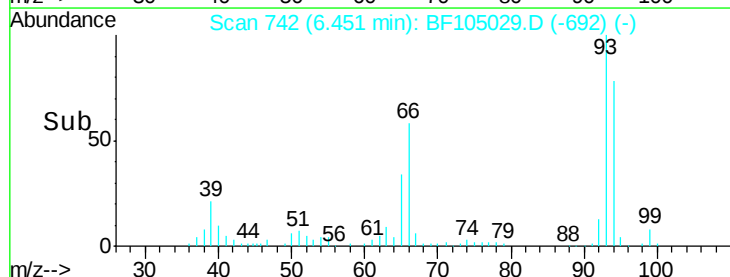
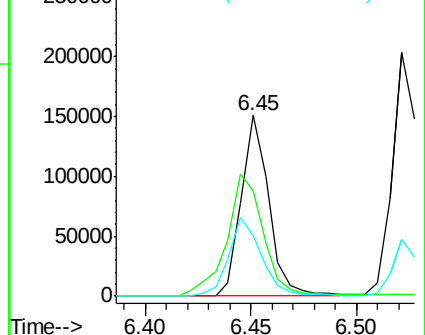
65 33.9 16.4 24.6#



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: 45.521 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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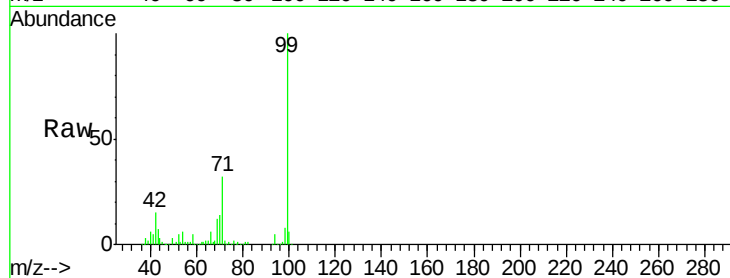
Tgt Ion: 99 Resp: 322517

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

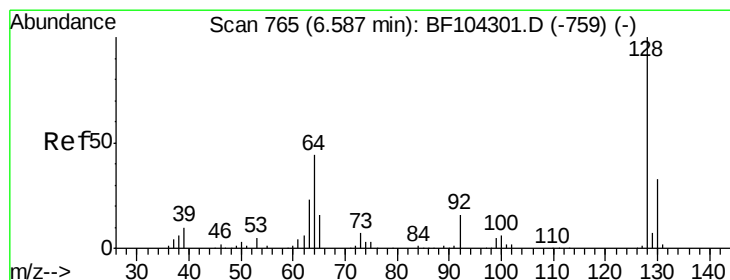
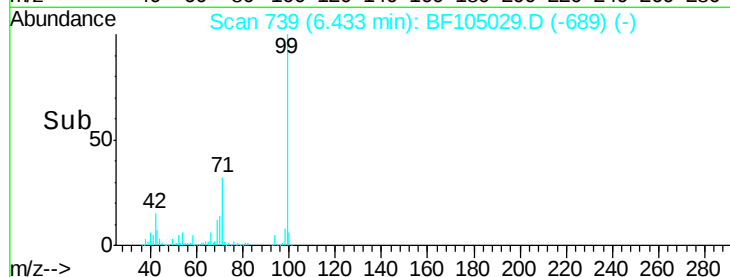
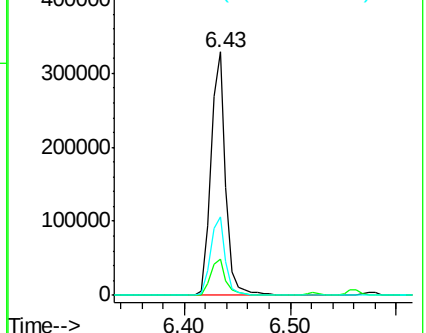
71 32.5 25.4 38.0



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: 13.772 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

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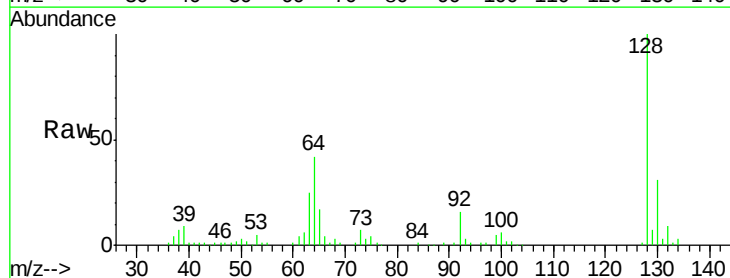
Tgt Ion: 128 Resp: 83818

Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

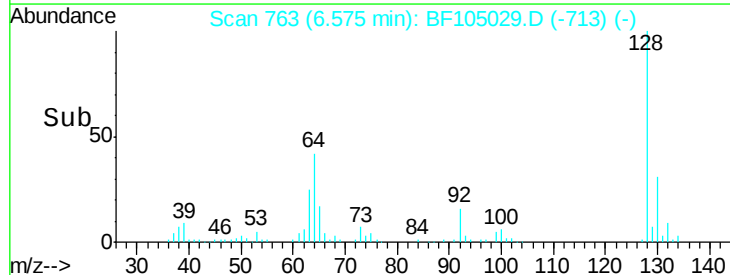
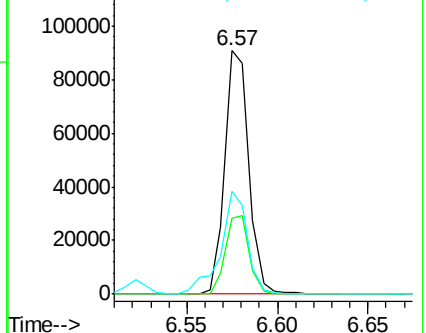
64 42.3 29.4 69.4

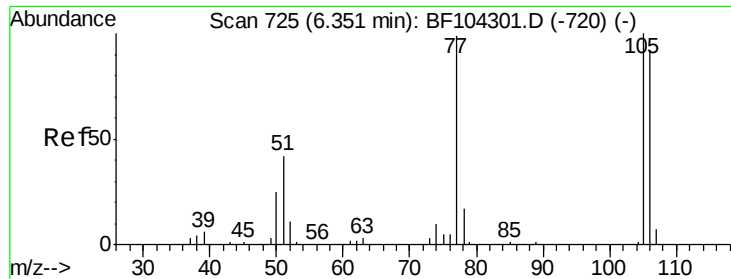


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

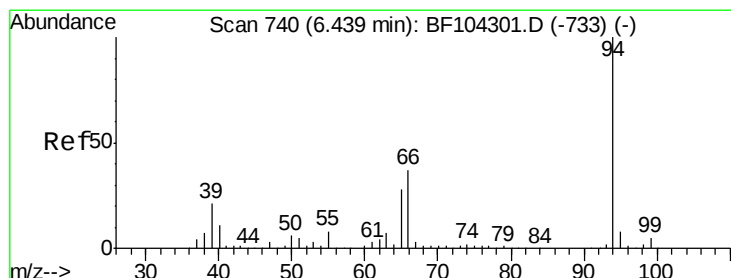
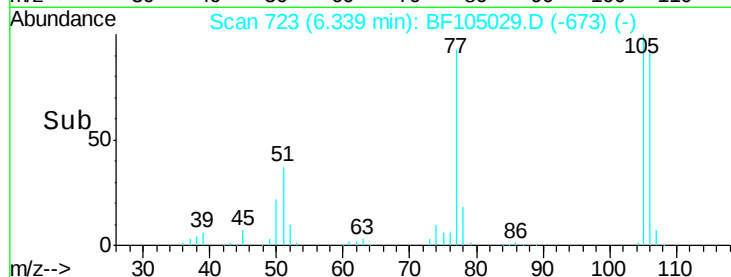
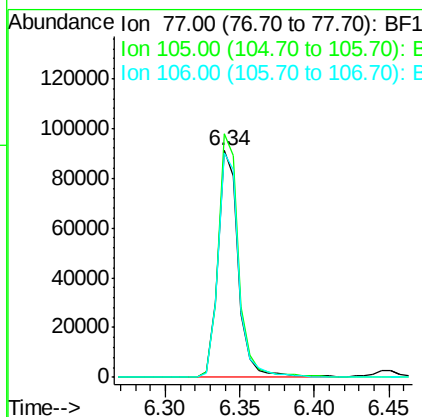
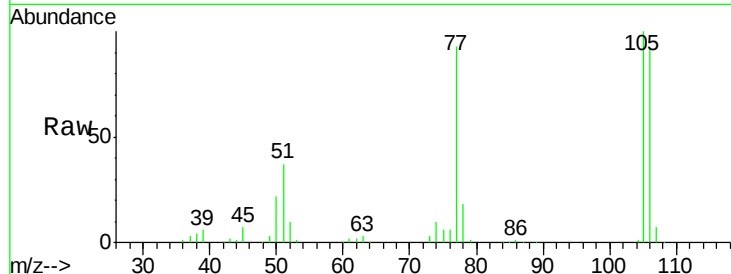




#9
Benzaldehyde
Concen: 20.639 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
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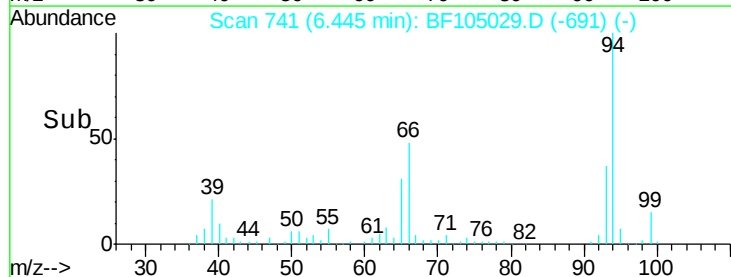
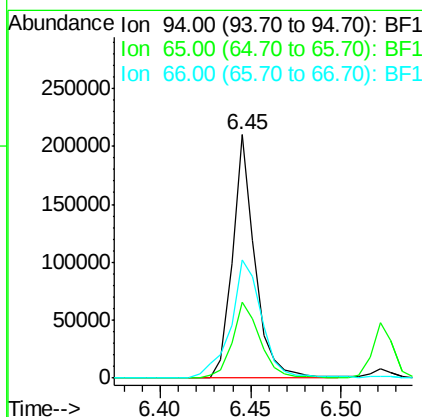
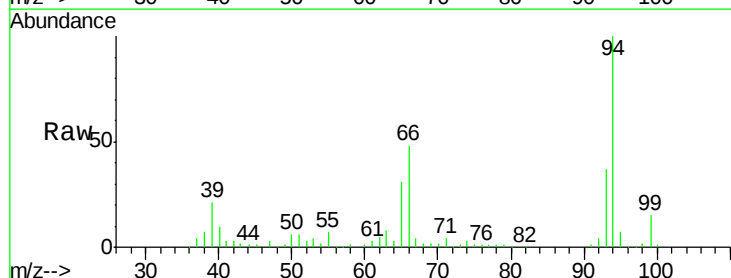
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ClientSampleId :
AMENDED-COMPOSITE-P5-WC

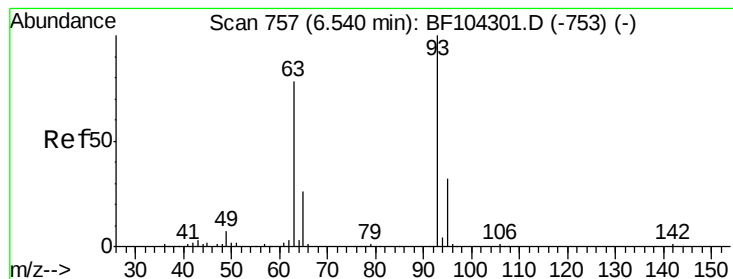
Tgt Ion: 77 Resp: 87326
Ion Ratio Lower Upper
77 100
105 107.4 81.1 121.1
106 98.9 74.5 114.5



#10
Phenol
Concen: 24.265 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion: 94 Resp: 182410
Ion Ratio Lower Upper
94 100
65 31.1 7.9 47.9
66 48.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 27.814 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

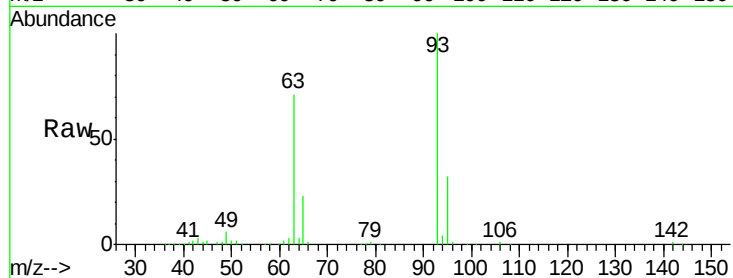
Tgt Ion: 93 Resp: 166856

Ion Ratio Lower Upper

93 100

63 70.6 58.6 98.6

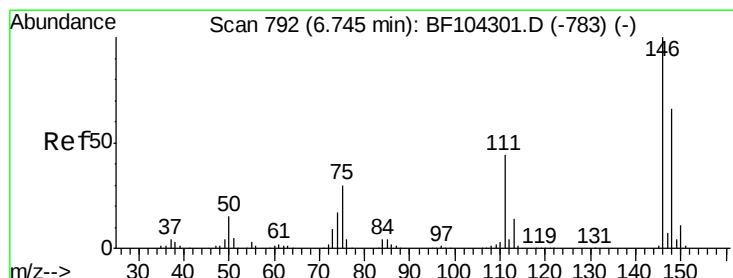
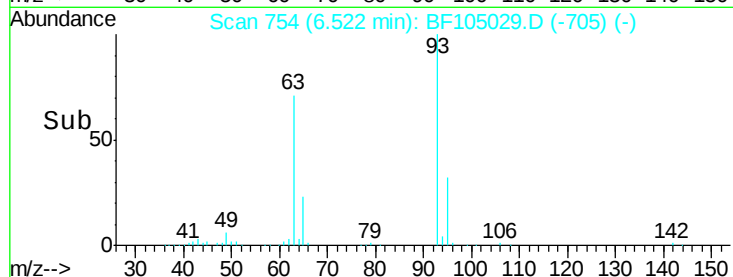
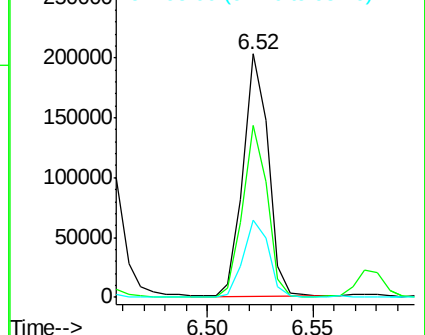
95 31.7 11.8 51.8



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: 27.886 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

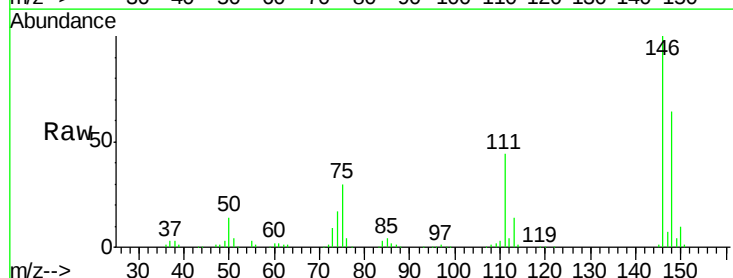
Tgt Ion: 146 Resp: 192271

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

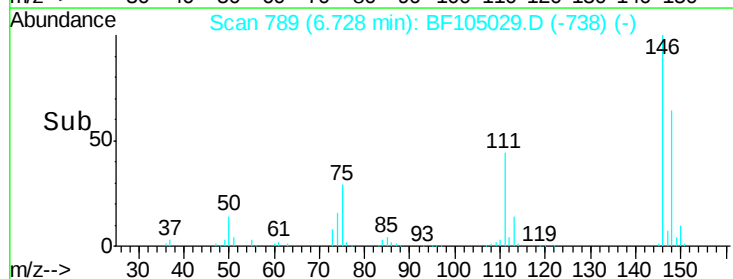
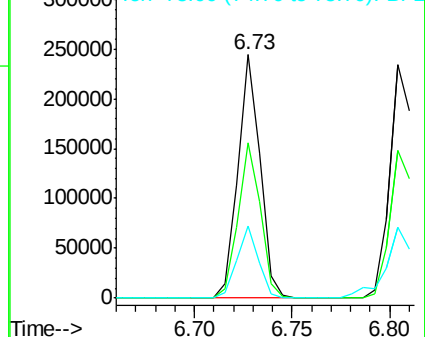
75 29.6 24.2 36.4

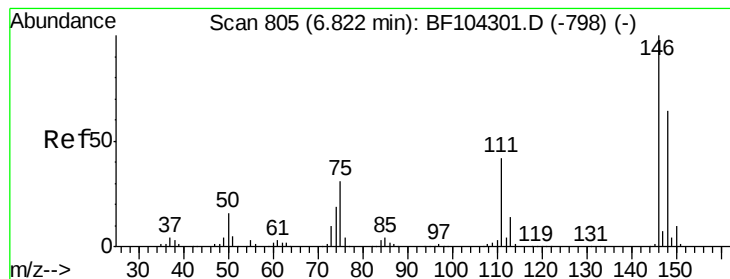


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 28.599 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

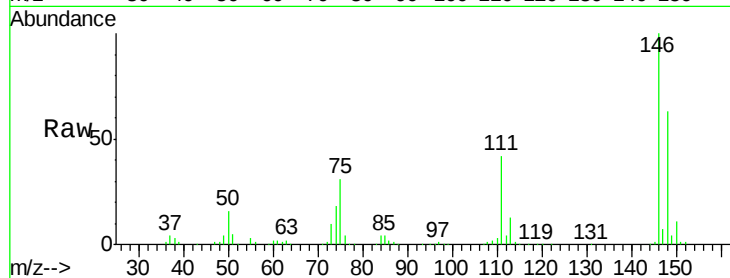
Tgt Ion:146 Resp: 196568

Ion Ratio Lower Upper

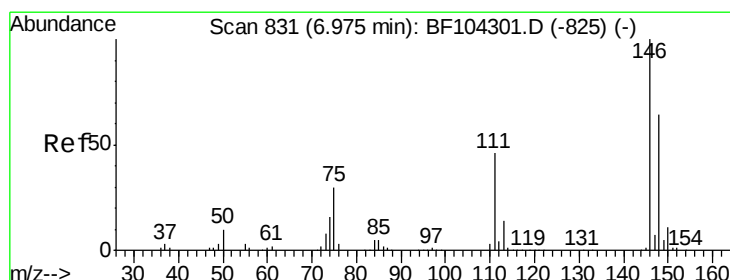
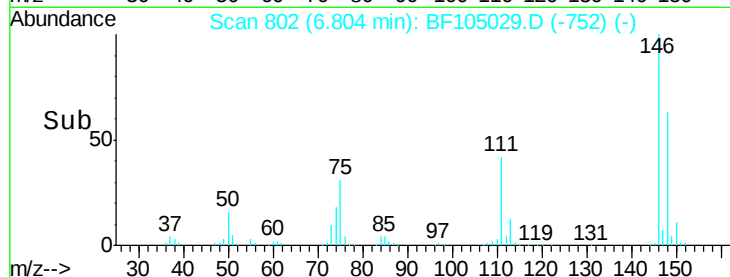
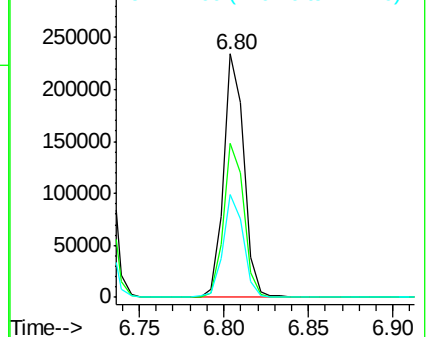
146 100

148 63.2 50.8 76.2

111 42.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 28.903 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

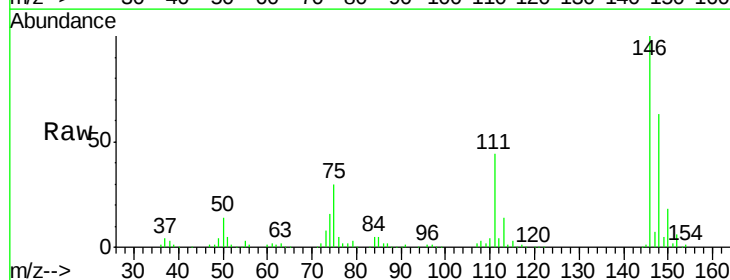
Tgt Ion:146 Resp: 184095

Ion Ratio Lower Upper

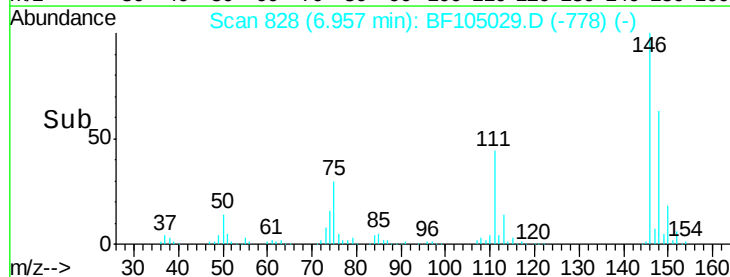
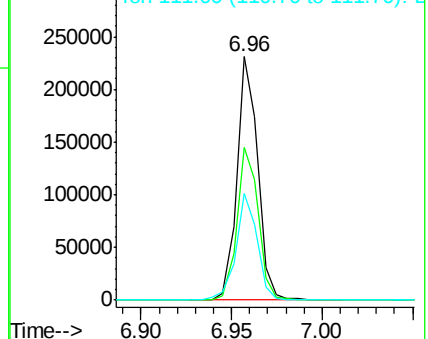
146 100

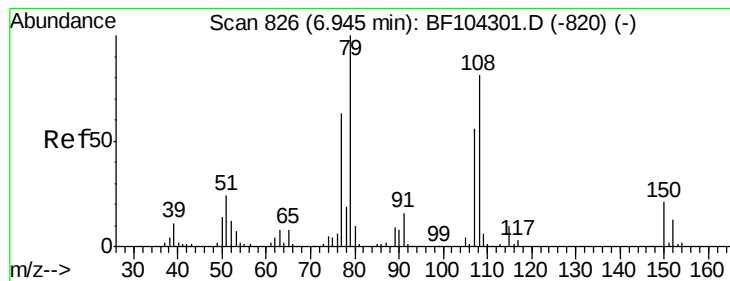
148 62.6 50.6 75.8

111 43.7 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.917 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

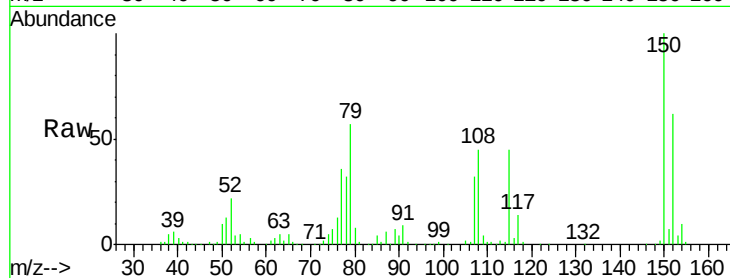
Tgt Ion: 79 Resp: 144848

Ion Ratio Lower Upper

79 100

108 79.2 65.1 97.7

77 62.9 50.6 75.8

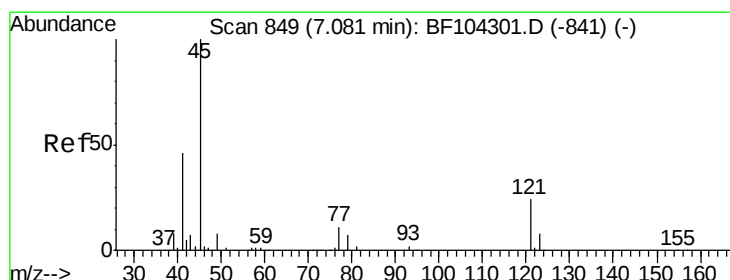
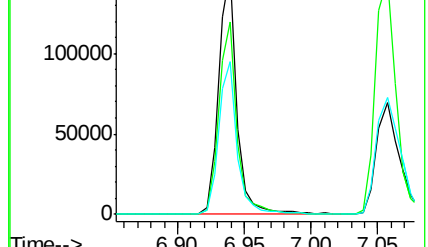
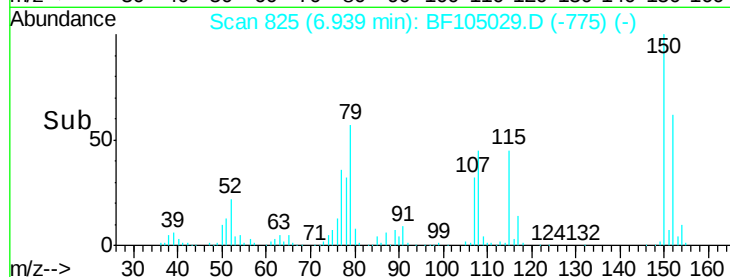


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.368 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

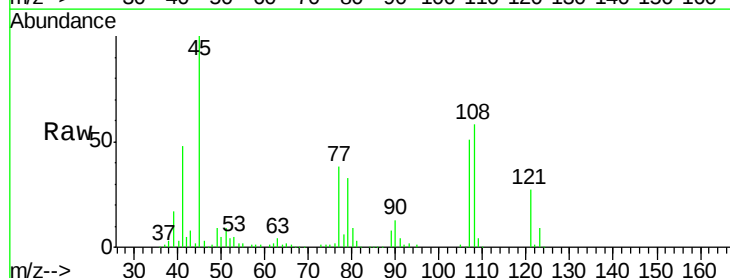
Tgt Ion: 45 Resp: 188258

Ion Ratio Lower Upper

45 100

77 38.2 0.0 32.9#

79 32.5 0.0 29.6#

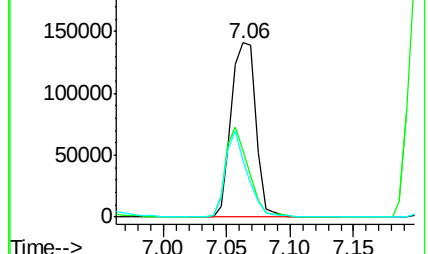
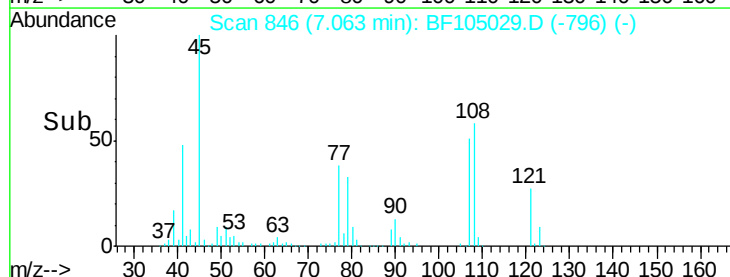


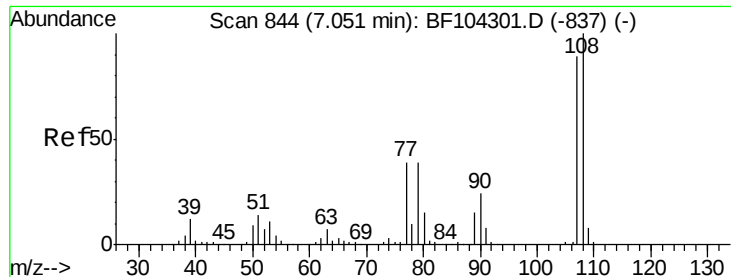
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

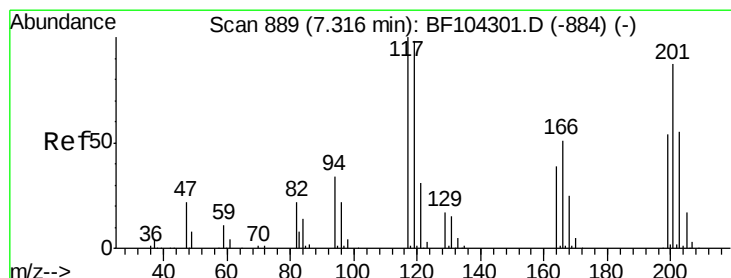
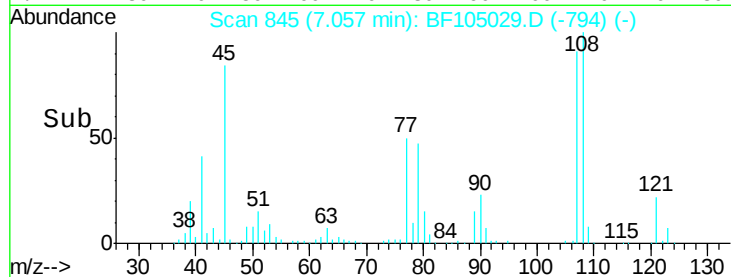
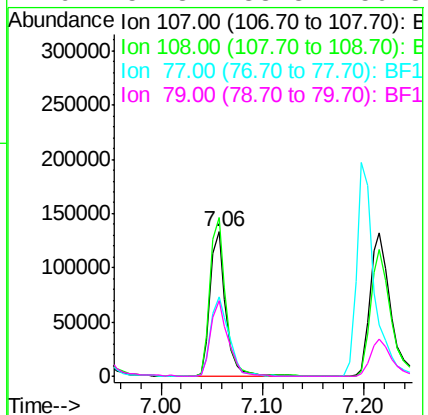
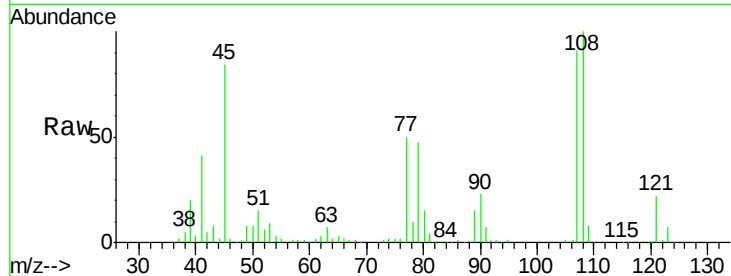




#17
2-Methylphenol
Concen: 27.148 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

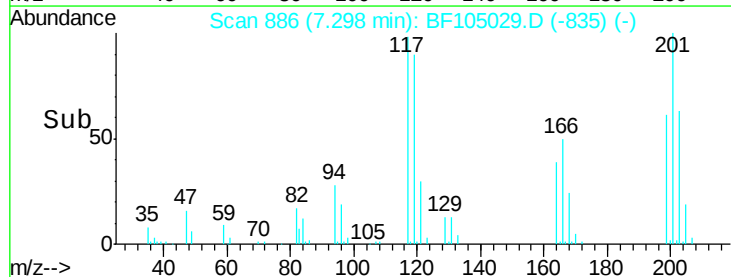
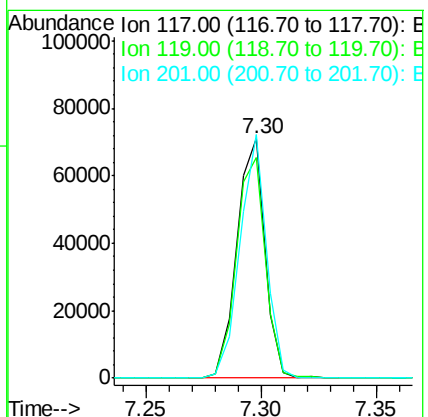
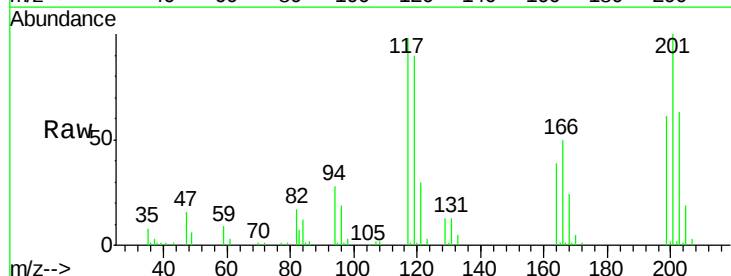
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

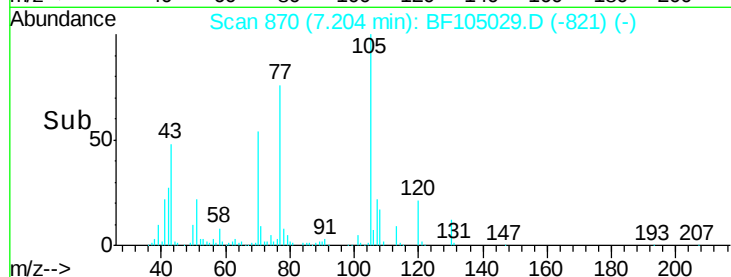
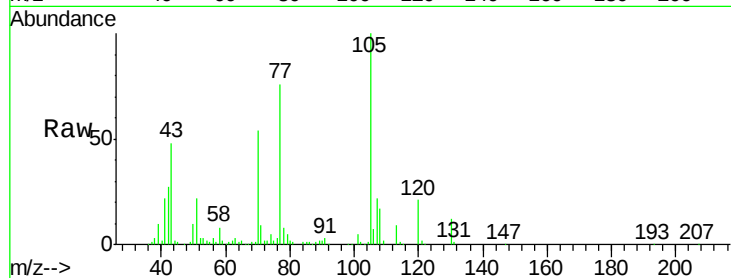
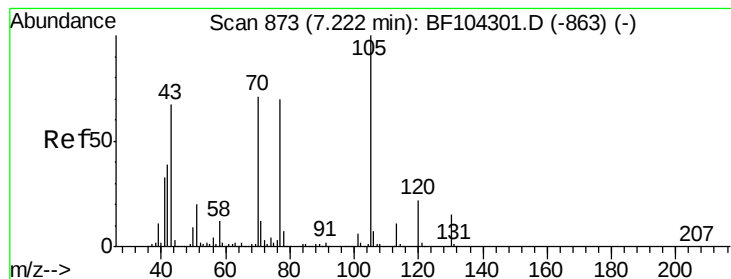
Tgt Ion:107 Resp: 143625
Ion Ratio Lower Upper
107 100
108 110.5 91.7 137.5
77 54.9 33.8 50.8#
79 52.3 33.8 50.8#



#18
Hexachloroethane
Concen: 24.622 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion:117 Resp: 60337
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.8
201 101.7 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 25.184 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

Tgt Ion: 70 Resp: 116594

Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 9.7 7.4 11.2

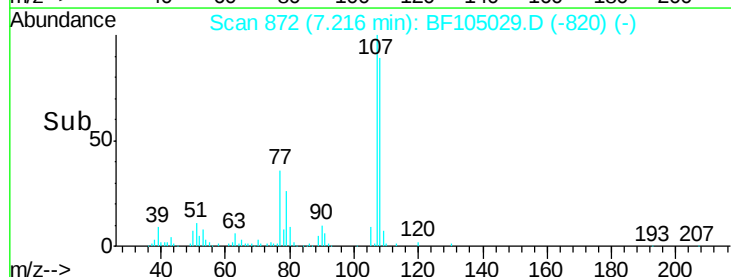
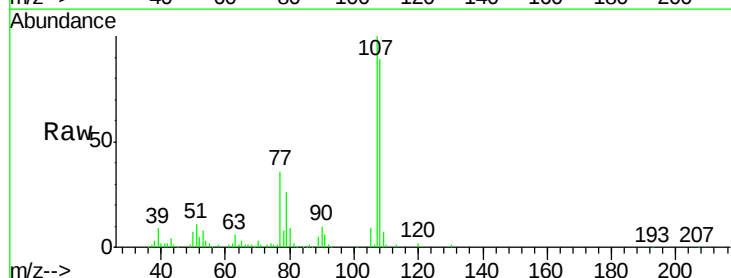
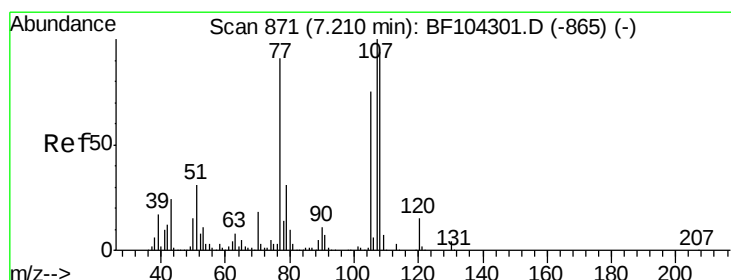
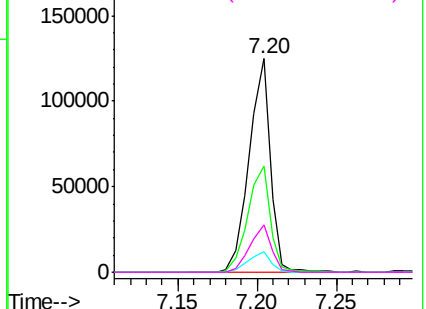
130 22.0 16.6 25.0

Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 29.154 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Tgt Ion: 107 Resp: 191291

Ion Ratio Lower Upper

107 100

108 88.7 68.2 108.2

77 35.9 26.7 66.7

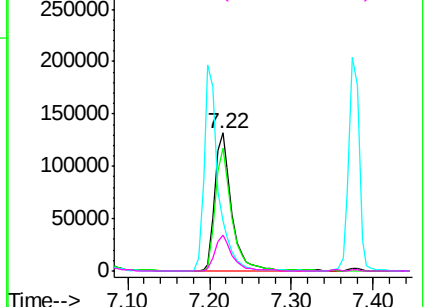
79 26.3 6.3 46.3

Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

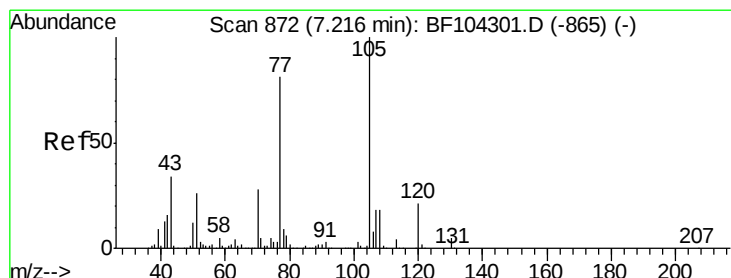
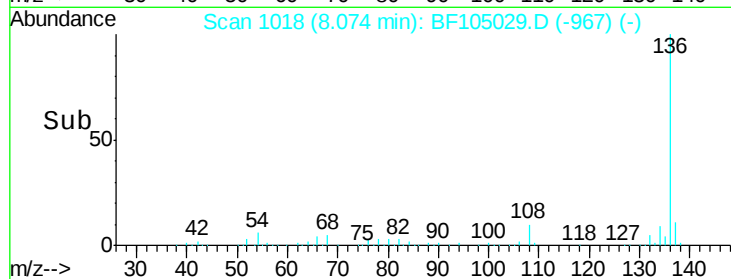
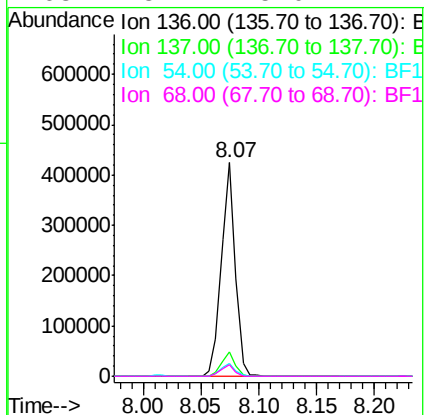
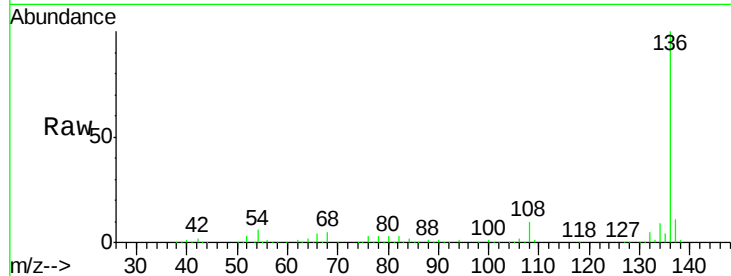




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

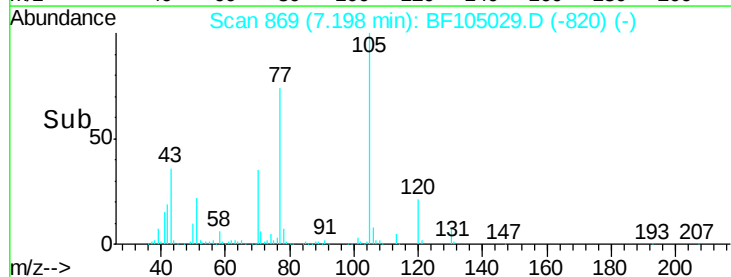
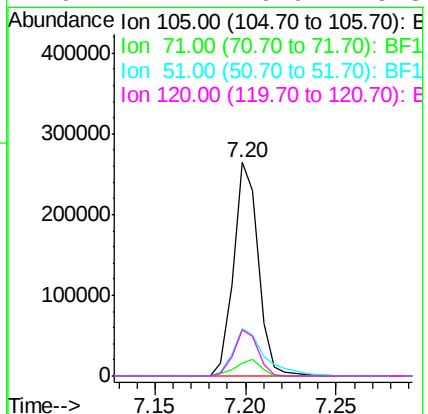
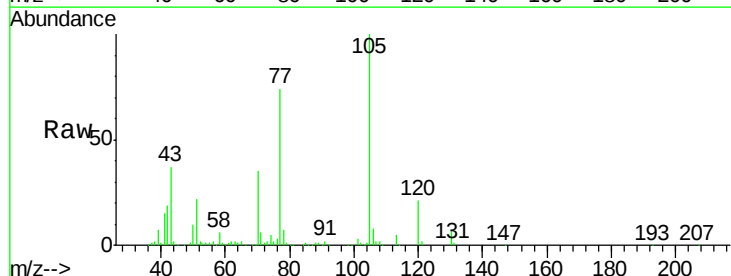
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

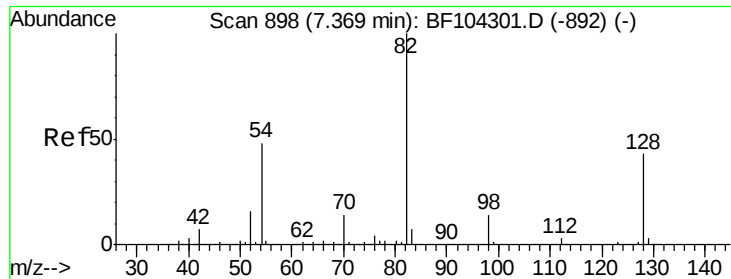
Tgt Ion:	136	Resp:	357448
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	5.9	6.6	9.8#
68	5.4	5.0	7.4



#22
Acetophenone
Concen: 28.541 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion:	105	Resp:	251162
Ion Ratio	Lower	Upper	
105	100		
71	5.8	4.4	6.6
51	22.3	22.3	33.5#
120	21.4	16.9	25.3

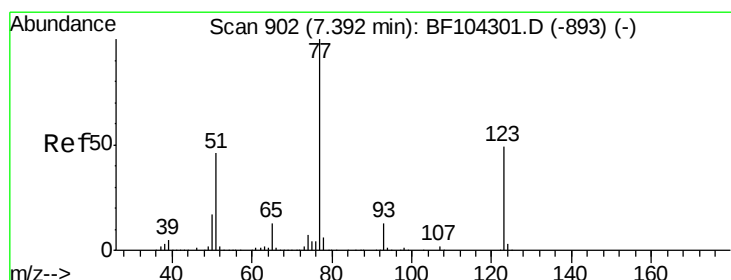
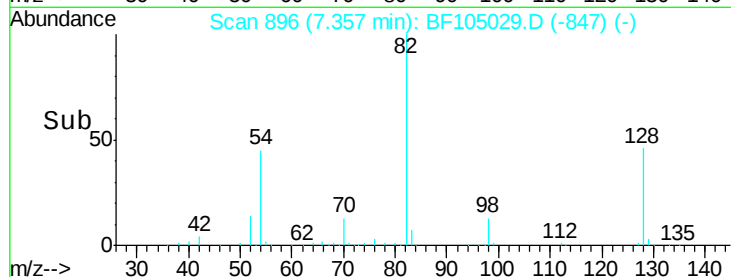
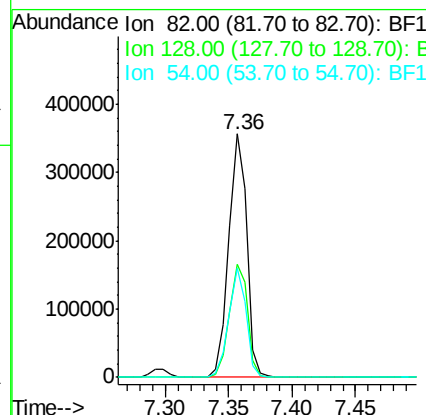
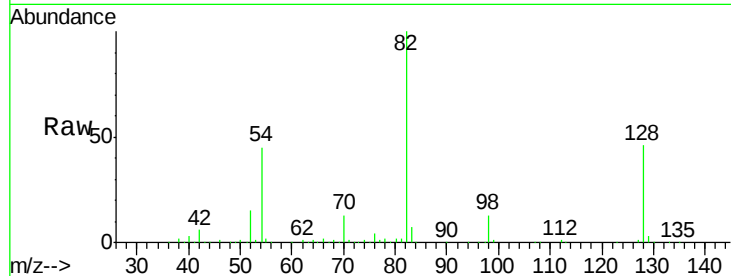




#23
 Nitrobenzene-d5
 Concen: 64.381 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

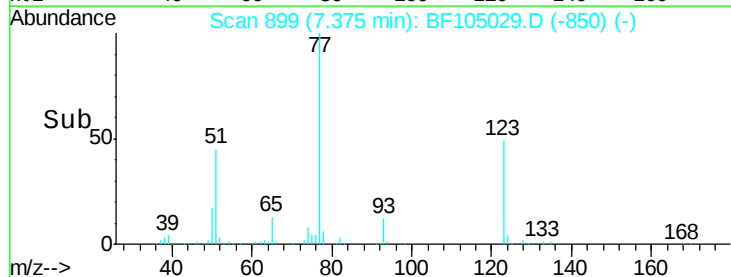
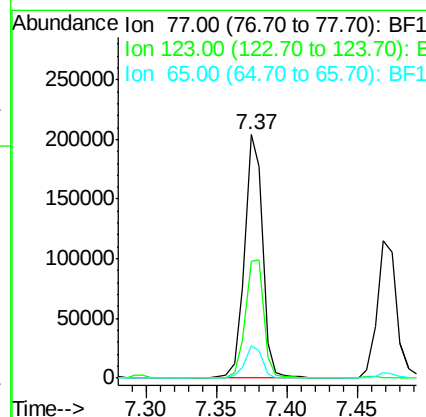
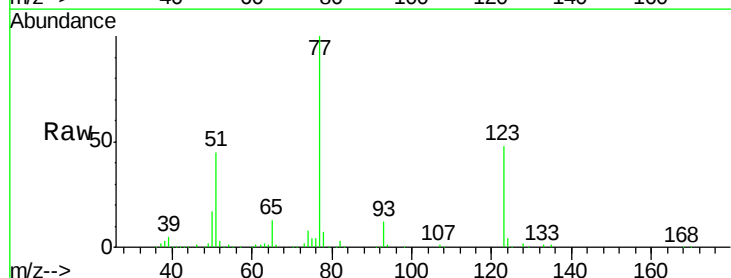
Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

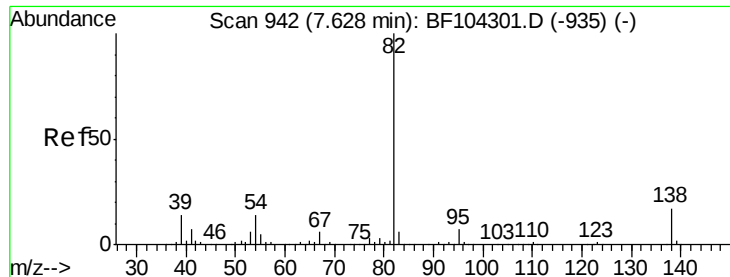
Tgt Ion: 82 Resp: 352429
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 44.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 29.765 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion: 77 Resp: 179895
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.9 56.9
 65 13.1 11.0 16.4

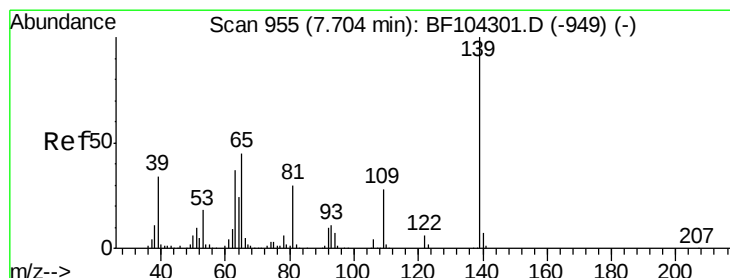
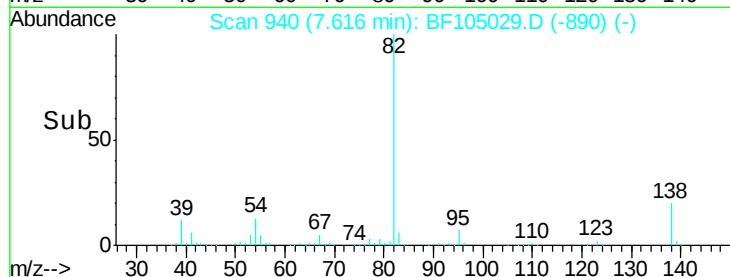
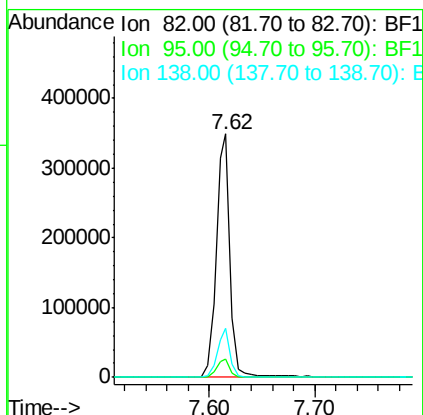
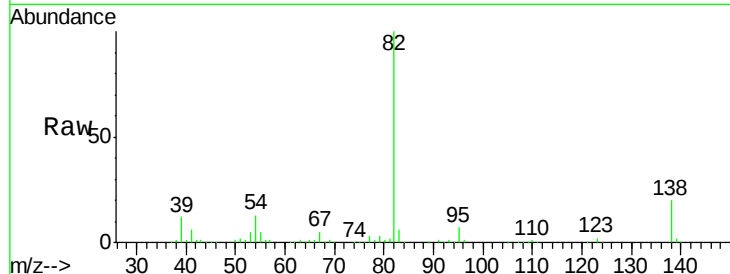




#25
Isophorone
Concen: 27.915 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

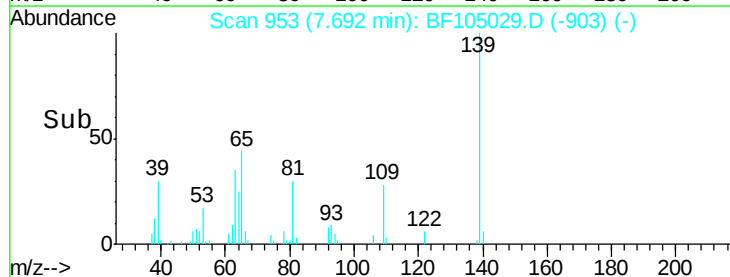
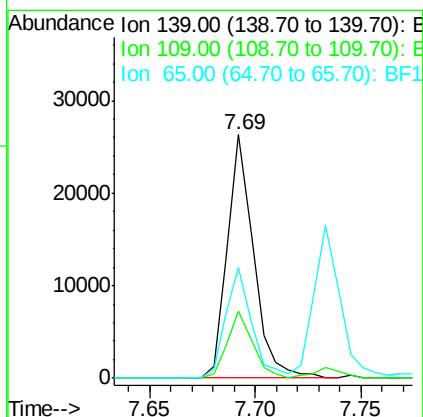
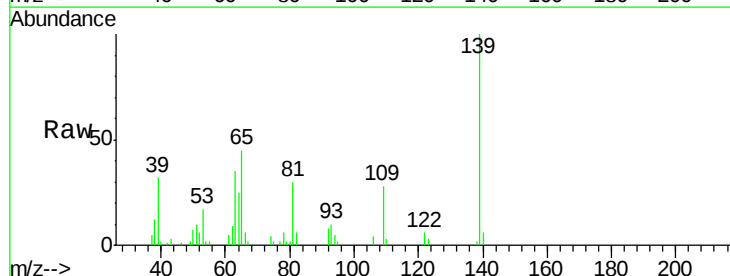
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

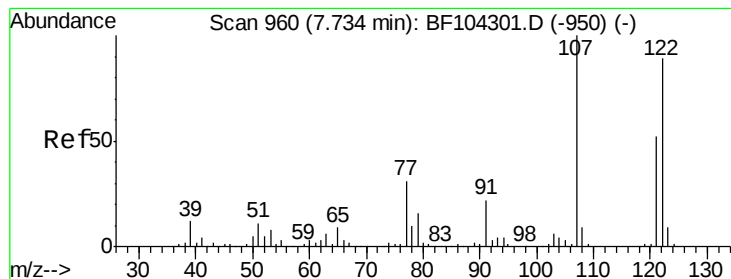
Tgt Ion: 82 Resp: 323134
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 20.0 14.9 22.3



#26
2-Nitrophenol
Concen: 9.211 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion: 139 Resp: 22662
Ion Ratio Lower Upper
139 100
109 27.5 22.7 34.1
65 45.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 31.616 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

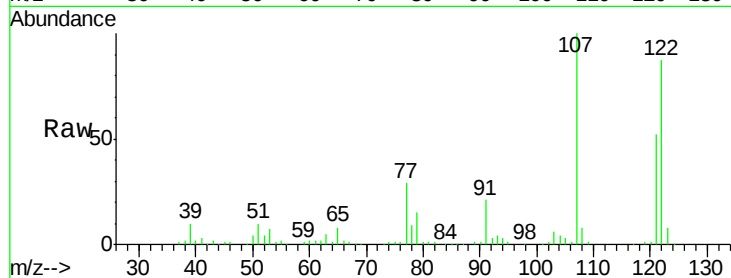
Tgt Ion:122 Resp: 161519

Ion Ratio Lower Upper

122 100

107 115.0 91.2 136.8

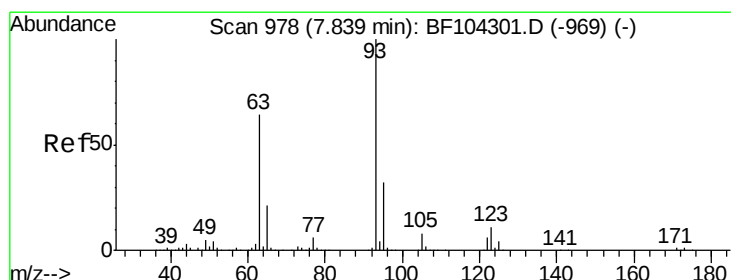
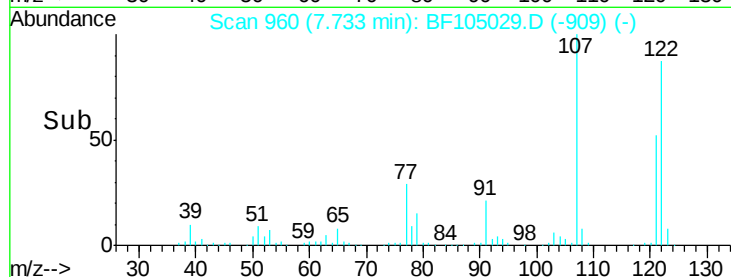
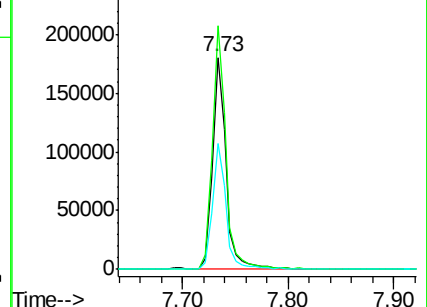
121 59.5 47.2 70.8



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: 29.680 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

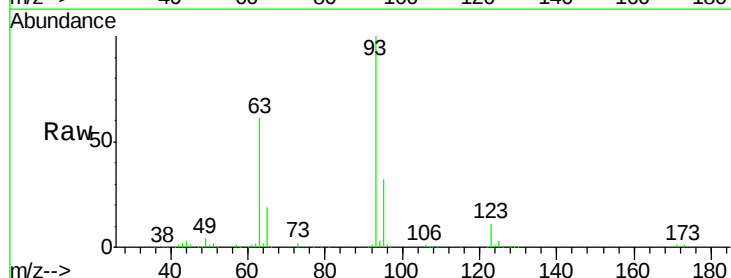
Tgt Ion: 93 Resp: 210063

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

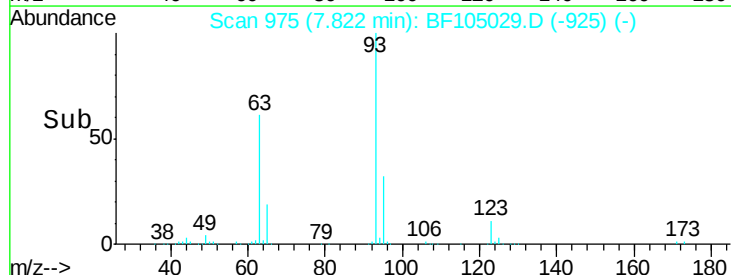
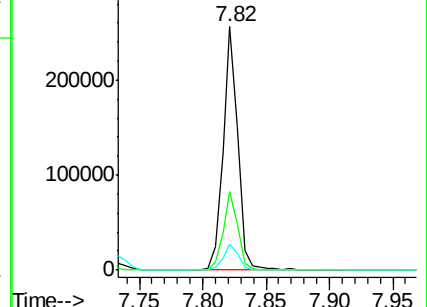
123 10.9 9.8 14.6

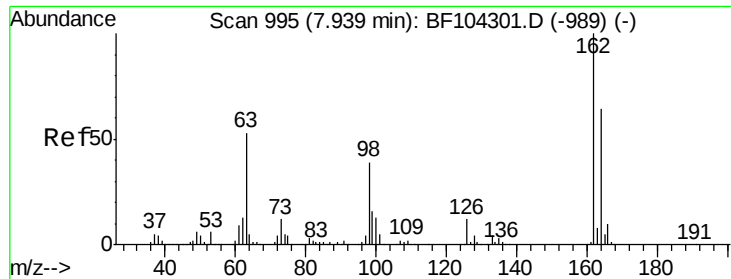


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 12.151 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

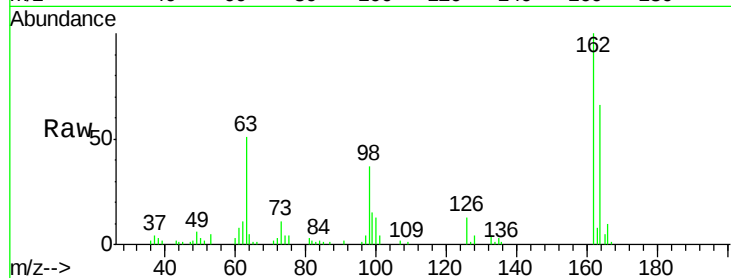
Tgt Ion:162 Resp: 59228

Ion Ratio Lower Upper

162 100

164 65.7 42.7 82.7

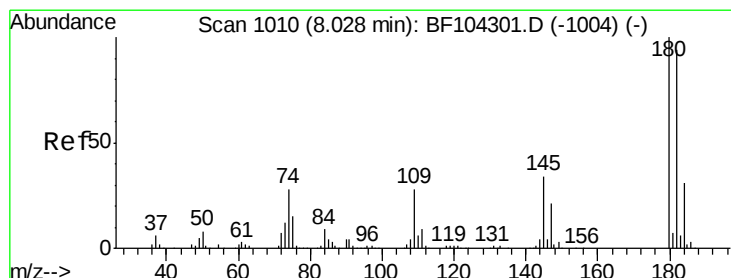
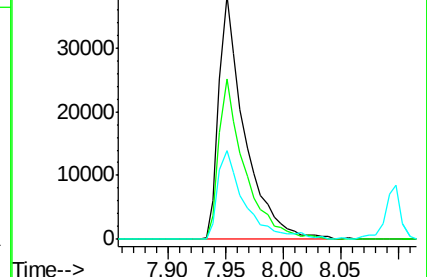
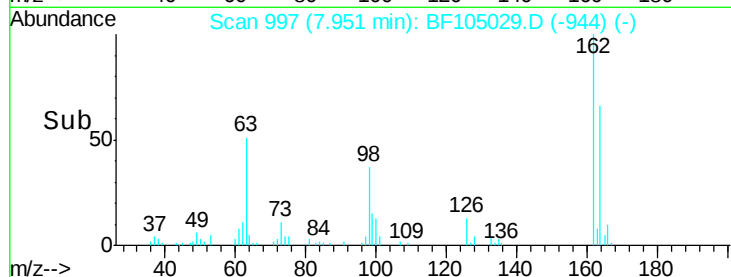
98 36.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 28.788 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

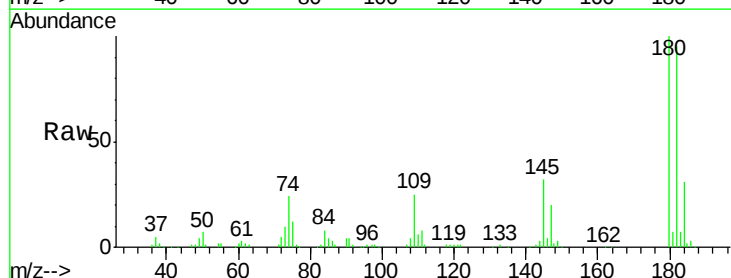
Tgt Ion:180 Resp: 154001

Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

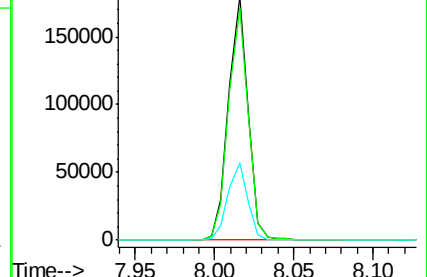
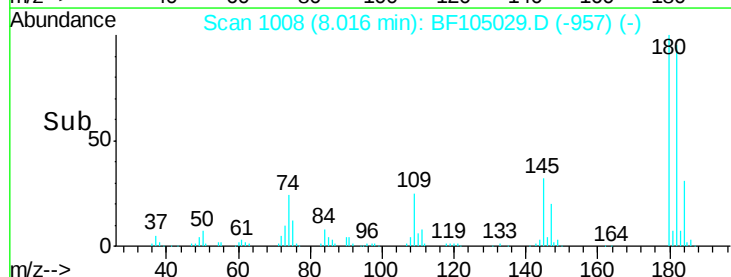
145 31.5 26.5 39.7

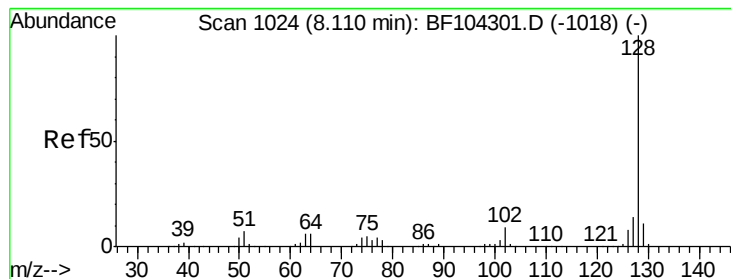


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.208 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

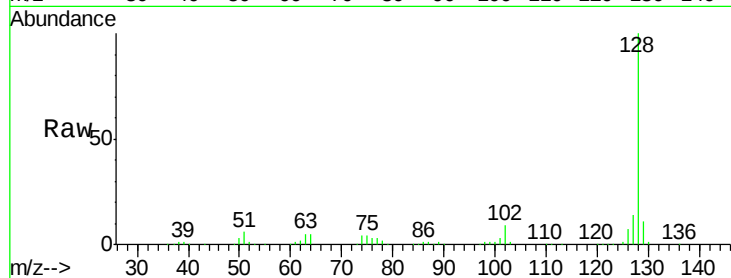
Tgt Ion:128 Resp: 555473

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

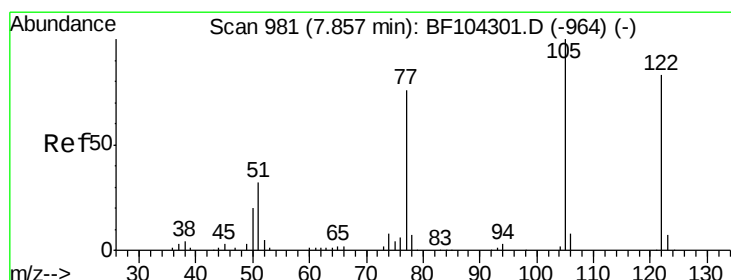
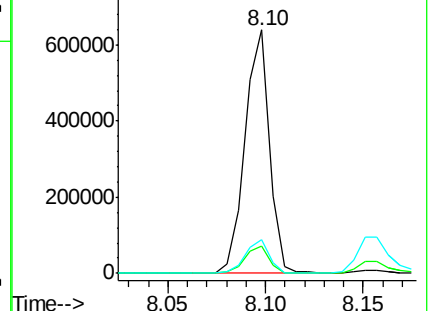
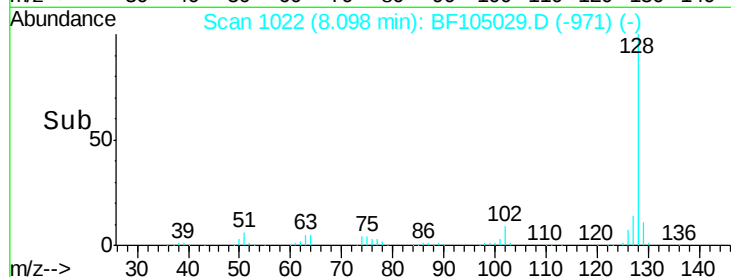
127 13.7 10.9 16.3



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: 39.625 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.16 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

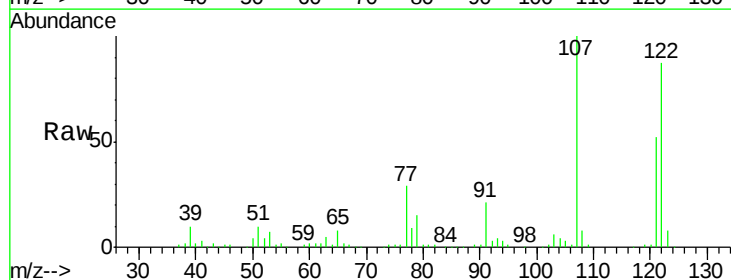
Tgt Ion:122 Resp: 161519

Ion Ratio Lower Upper

122 100

105 3.3 101.1 141.1#

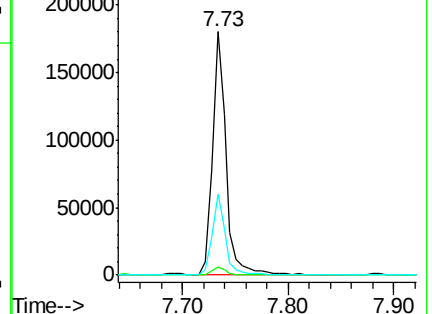
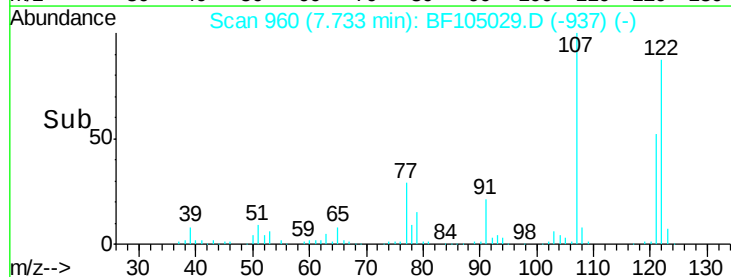
77 33.5 70.7 110.7#

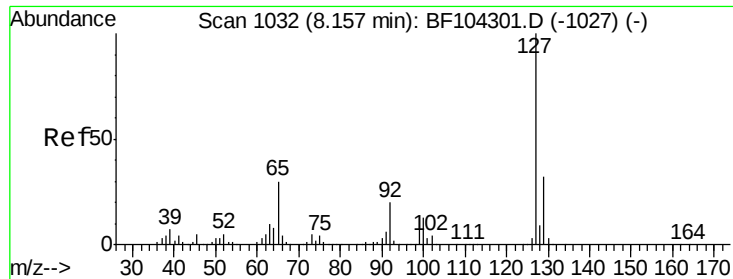


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

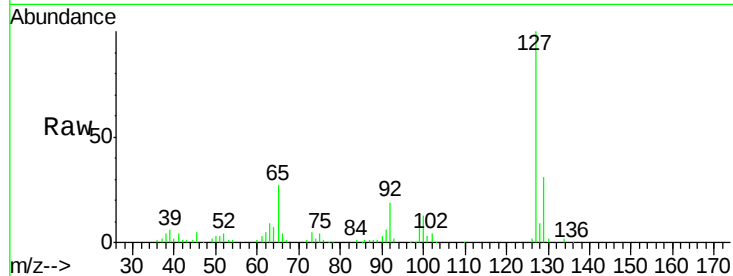




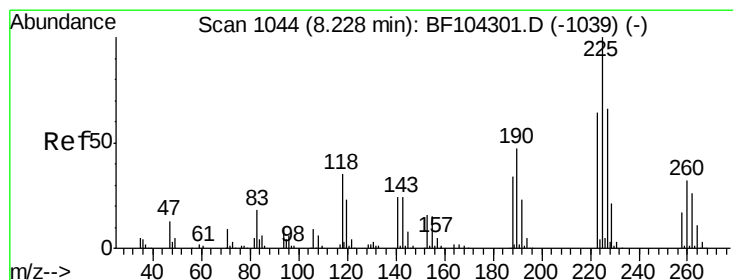
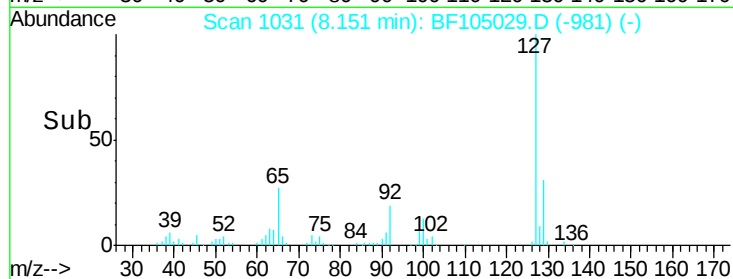
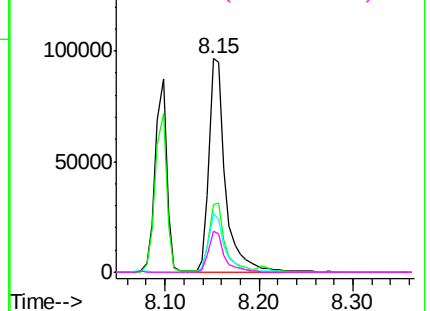
#33
4-Chloroaniline
Concen: 15.917 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

Tgt Ion:	127	Resp:	121373
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	27.4	25.0	37.4
92	19.2	15.2	22.8

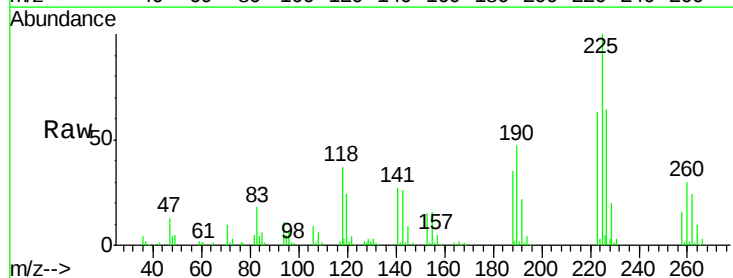


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

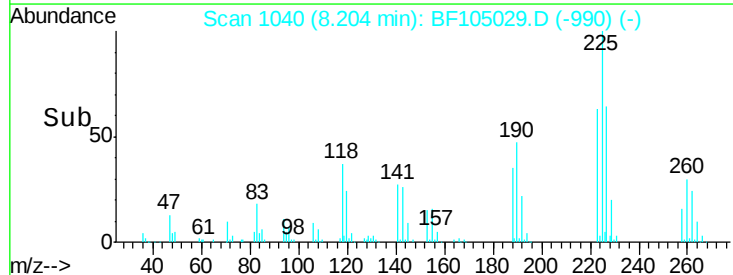
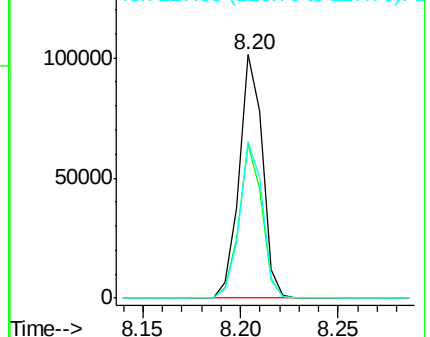


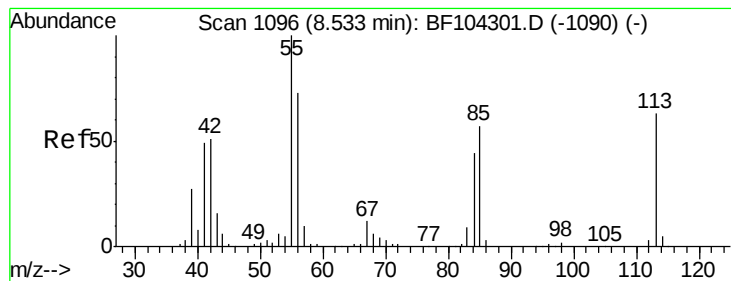
#34
Hexachlorobutadiene
Concen: 28.642 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion:	225	Resp:	83925
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.2	51.9	77.9



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





#35

Caprolactam

Concen: 26.834 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

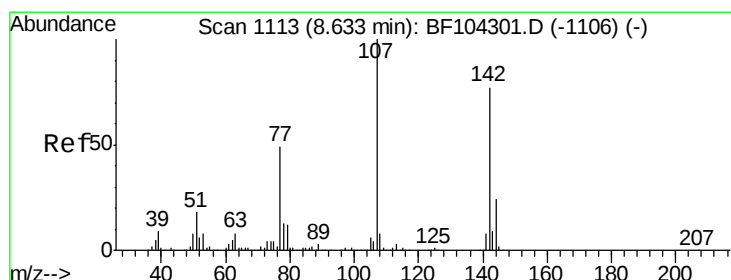
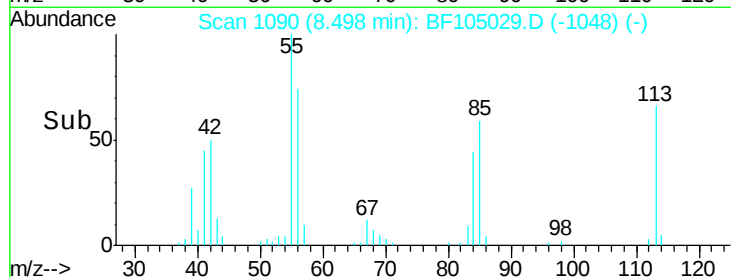
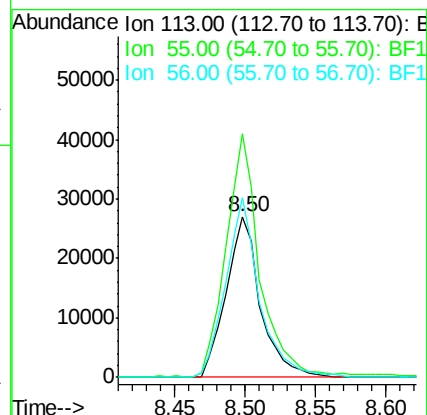
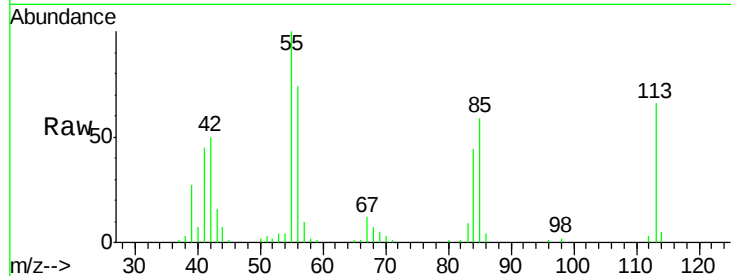
Tgt Ion:113 Resp: 45631

Ion Ratio Lower Upper

113 100

55 151.4 163.3 203.3#

56 111.8 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 28.276 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

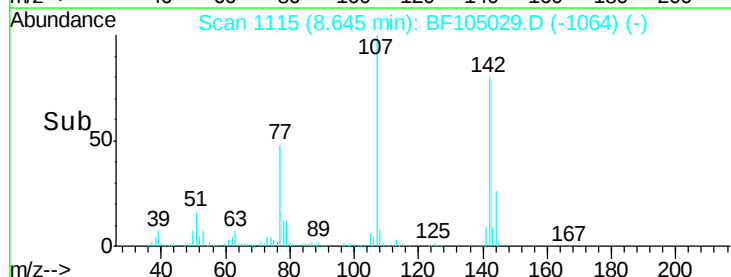
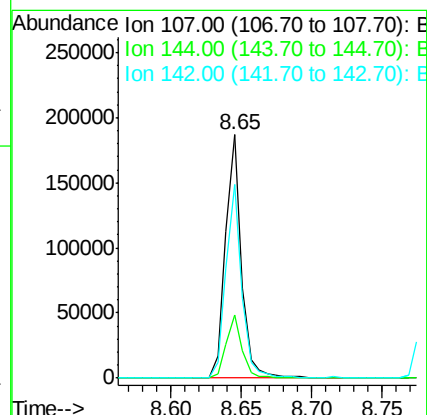
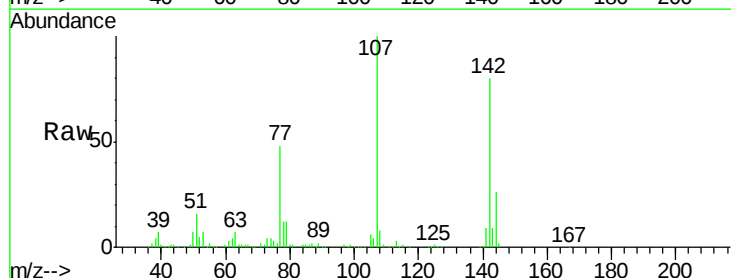
Tgt Ion:107 Resp: 147790

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

142 79.7 62.0 93.0

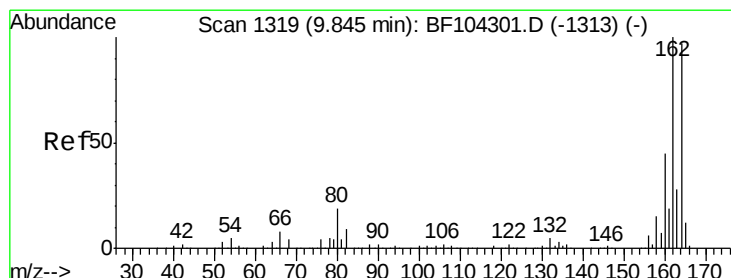
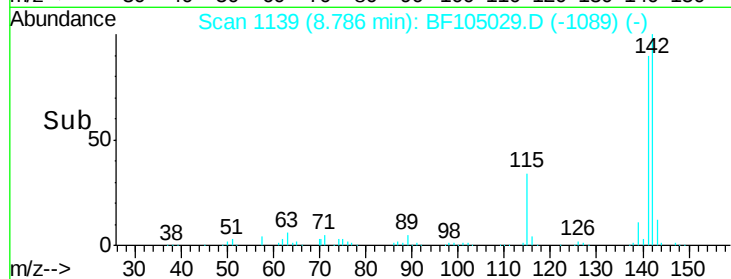
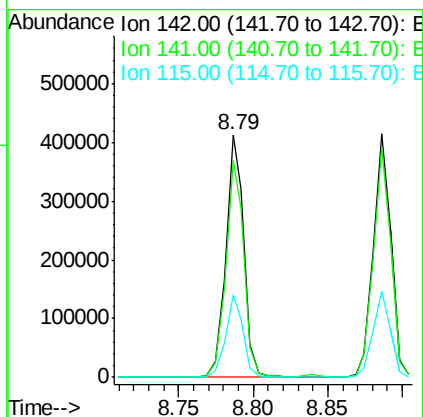
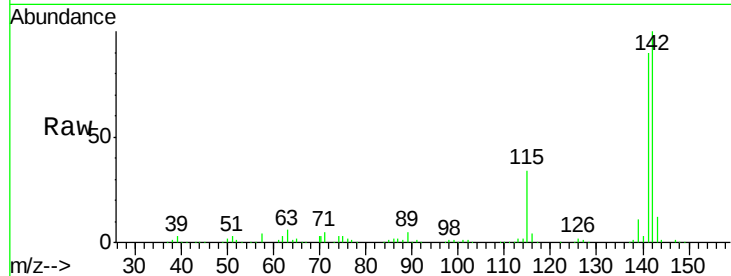




#37
 2-Methylnaphthalene
 Concen: 30.688 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

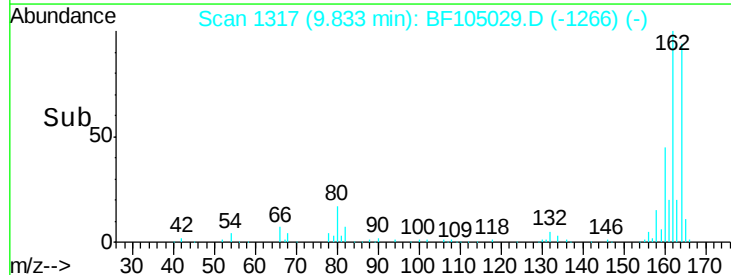
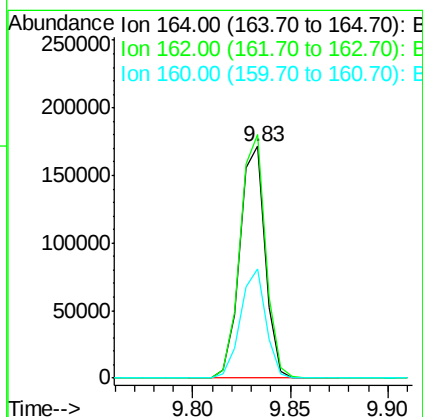
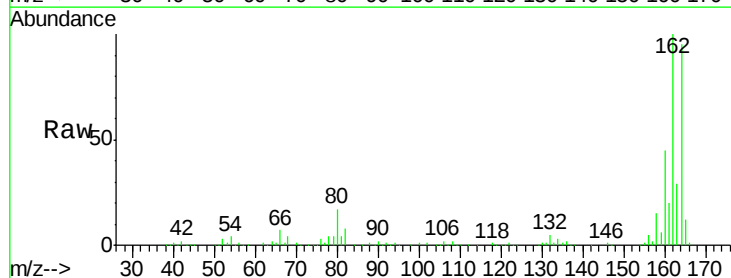
Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

Tgt Ion:142 Resp: 353313
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 34.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion:164 Resp: 154882
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 46.9 38.3 57.5

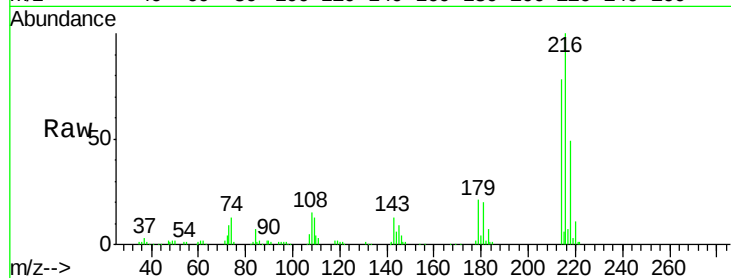




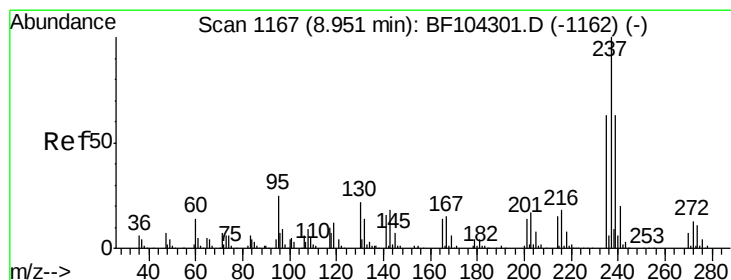
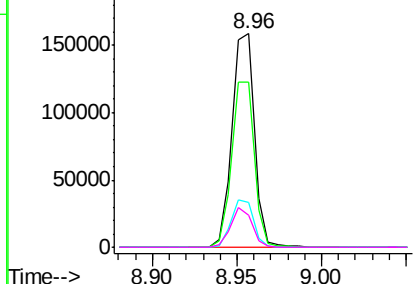
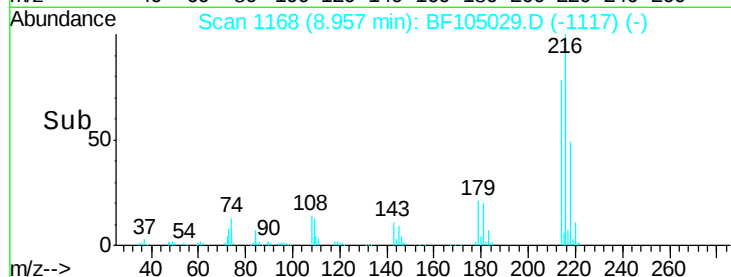
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.802 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

Tgt Ion:	216	Resp:	145430
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	22.2	18.1	27.1
108	17.5	17.2	25.8

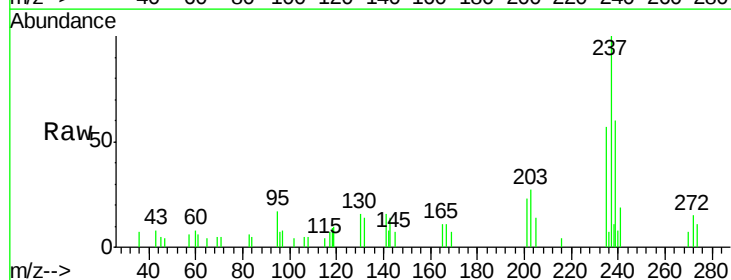


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

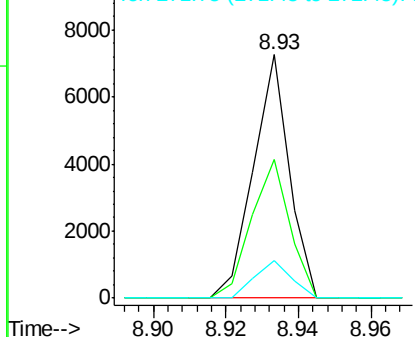
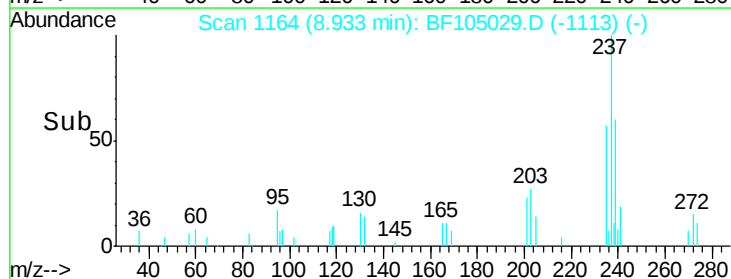


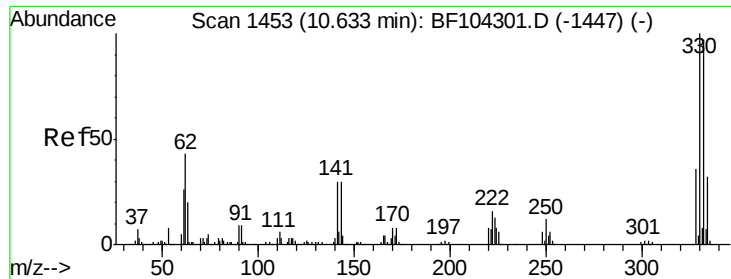
#40
 Hexachlorocyclopentadiene
 Concen: 2.038 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion:	237	Resp:	5059
Ion	Ratio	Lower	Upper
237	100		
235	57.0	44.8	84.8
272	15.2	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 8.624 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

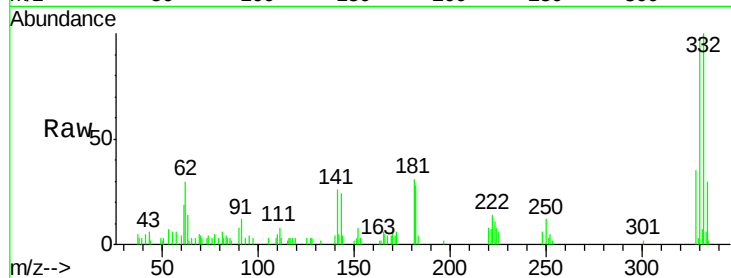
Tgt Ion:330 Resp: 13856

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

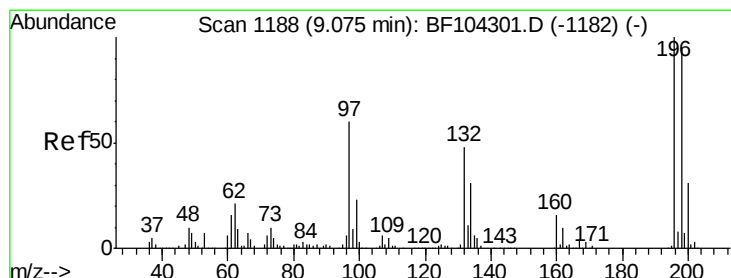
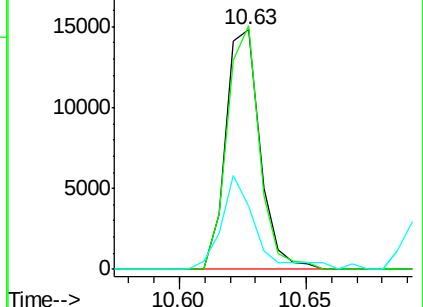
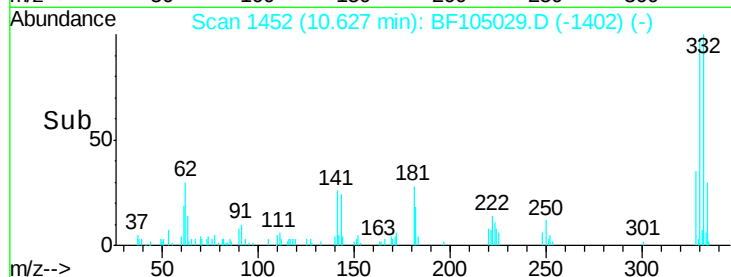
141 39.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 3.971 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

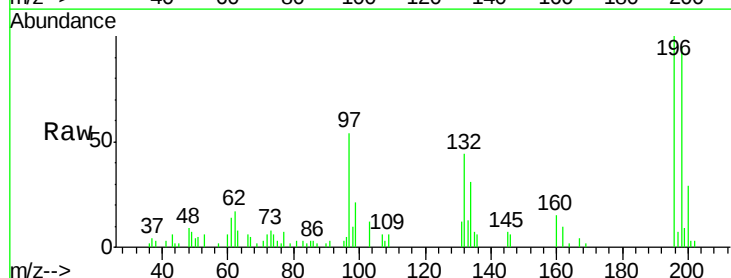
Tgt Ion:196 Resp: 12223

Ion Ratio Lower Upper

196 100

198 94.6 75.7 113.5

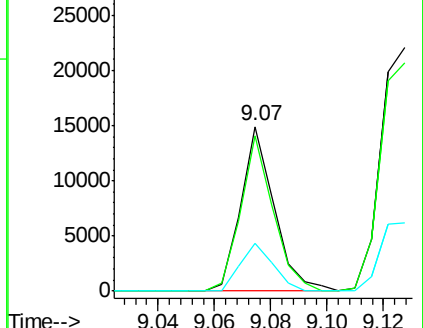
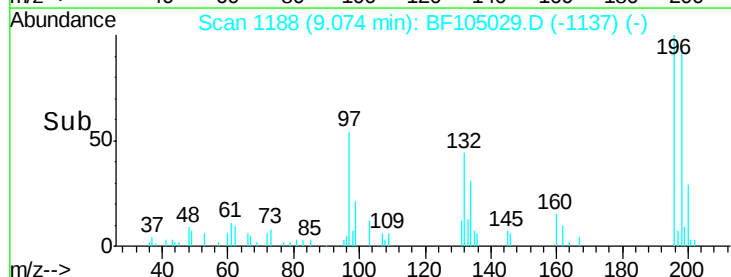
200 29.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

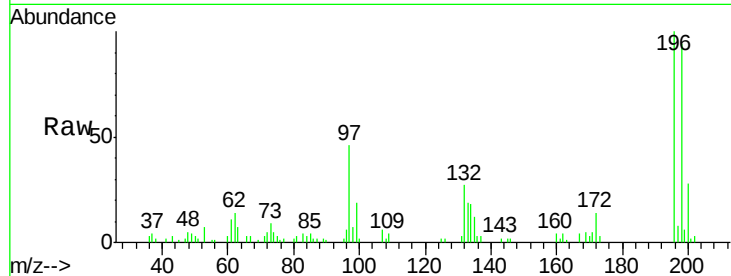




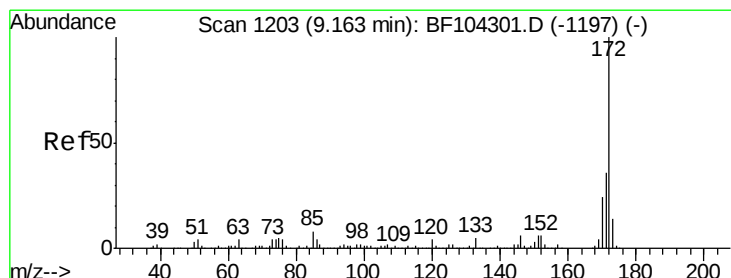
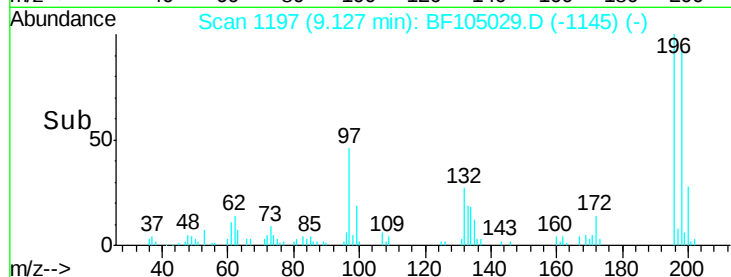
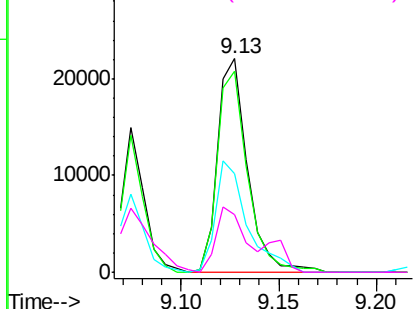
#43
 2,4,5-Trichlorophenol
 Concen: 6.861 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

Tgt Ion:196 Resp: 23631
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.6 112.0
 97 46.0 42.9 64.3
 132 27.2 26.3 39.5

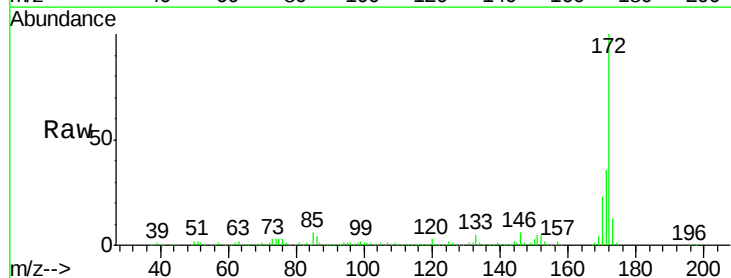


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

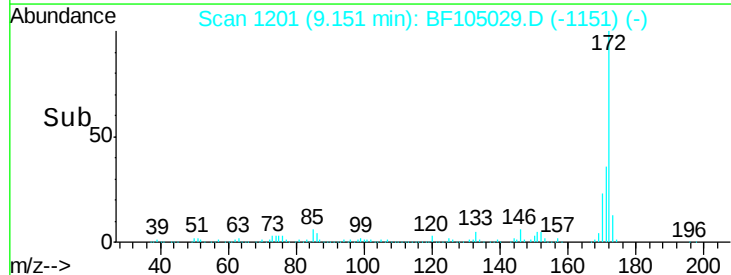
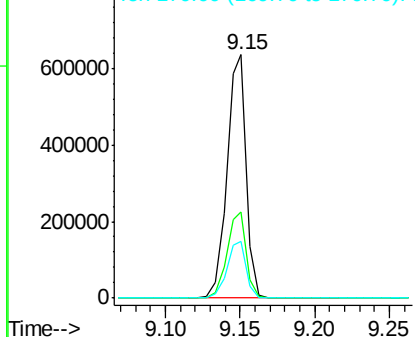


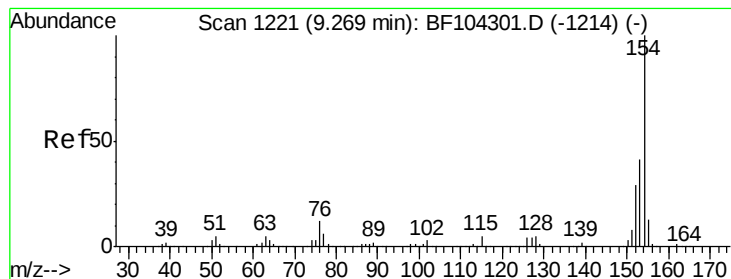
#44
 2-Fluorobiphenyl
 Concen: 59.011 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion:172 Resp: 578558
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.2 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: 31.168 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

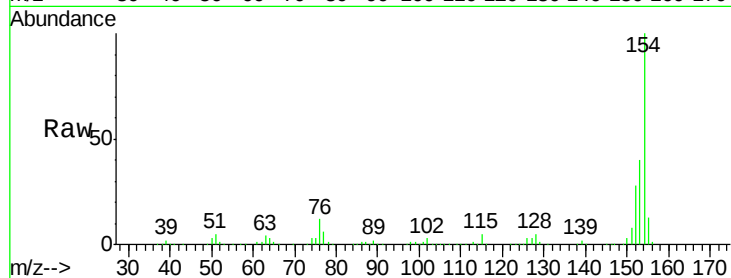
Tgt Ion:154 Resp: 405534

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

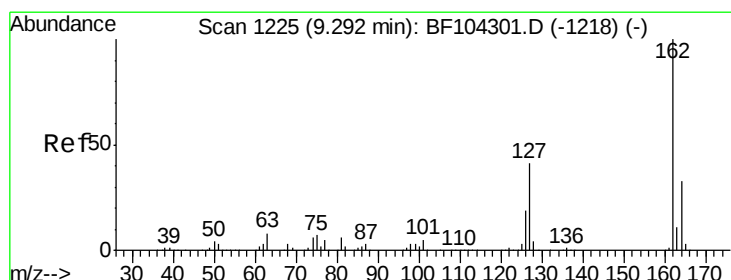
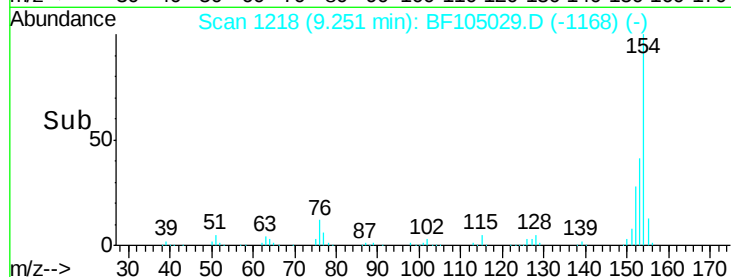
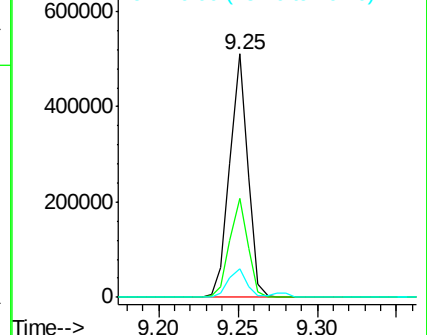
76 12.0 0.0 34.0



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: 30.086 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

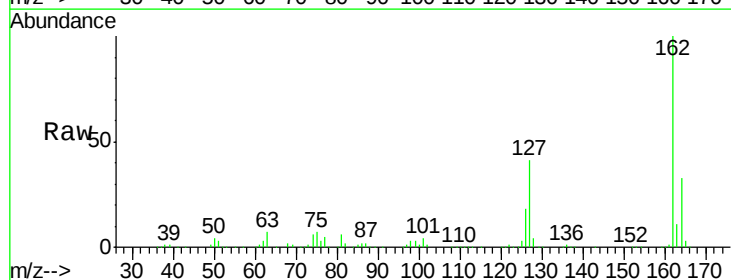
Tgt Ion:162 Resp: 309197

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

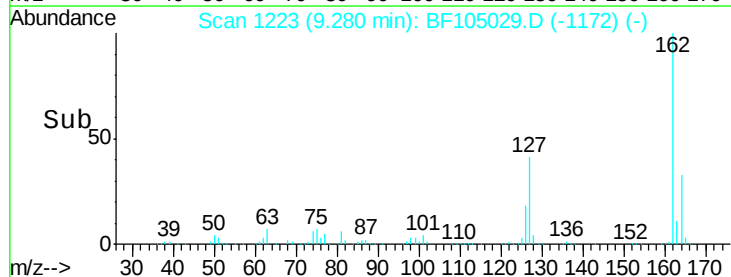
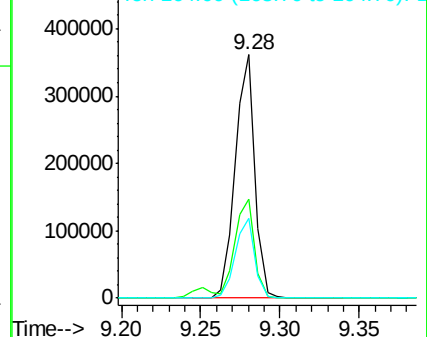
164 33.0 26.5 39.7



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

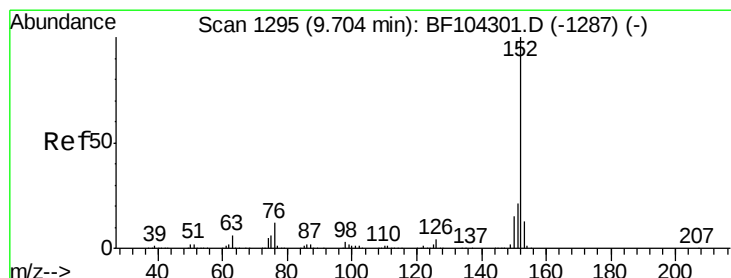
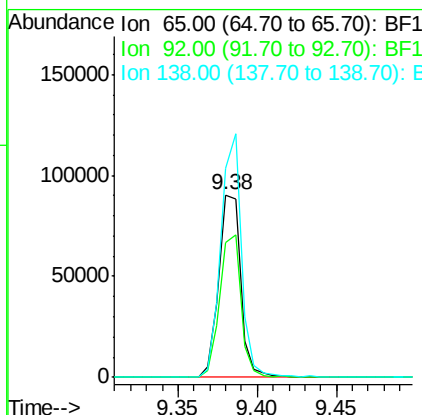
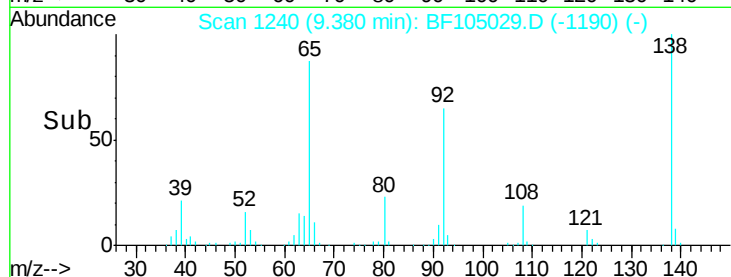
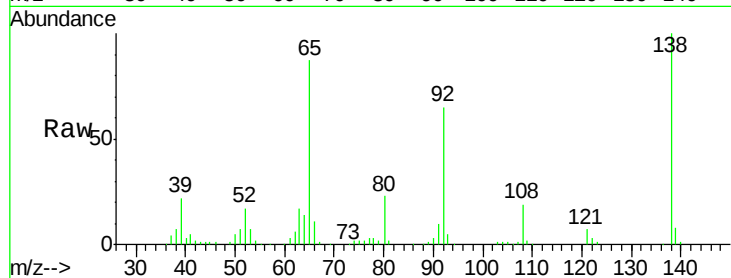




#47
 2-Nitroaniline
 Concen: 34.337 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

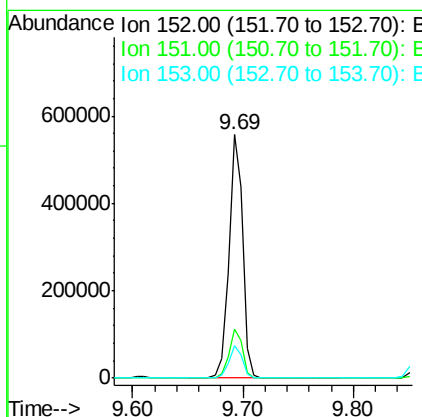
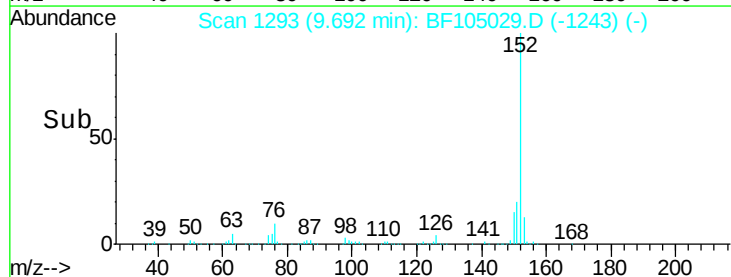
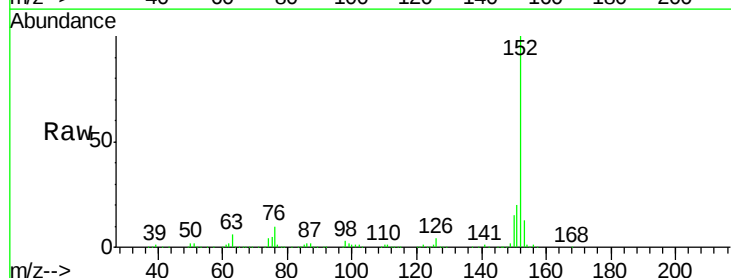
Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

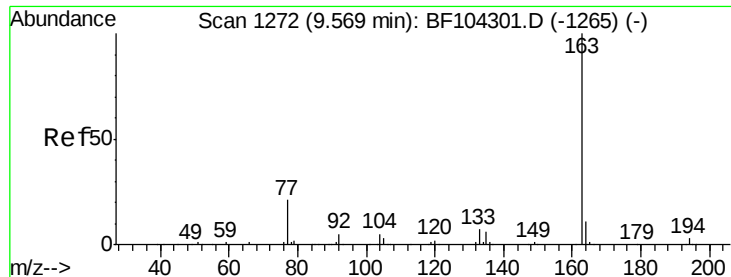
Tgt Ion: 65 Resp: 87268
 Ion Ratio Lower Upper
 65 100
 92 74.0 55.8 83.6
 138 114.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 29.916 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion: 152 Resp: 482378
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.3 10.7 16.1

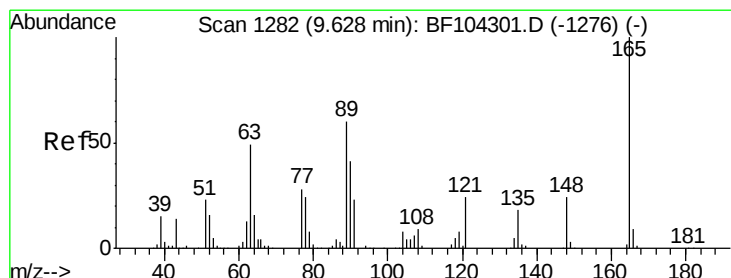
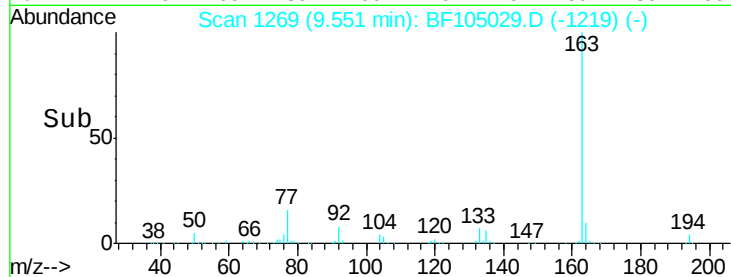
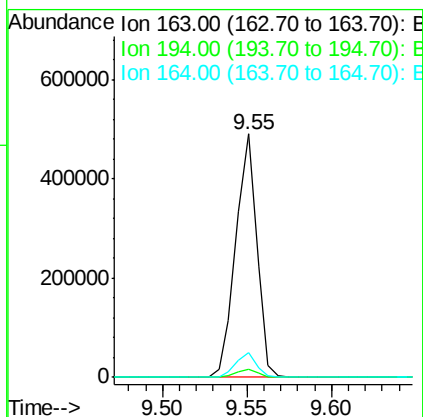
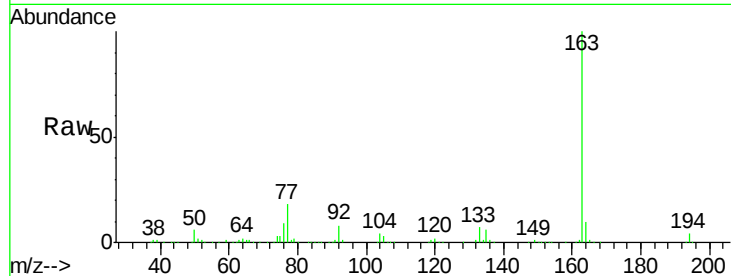




#49
Dimethylphthalate
Concen: 34.920 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

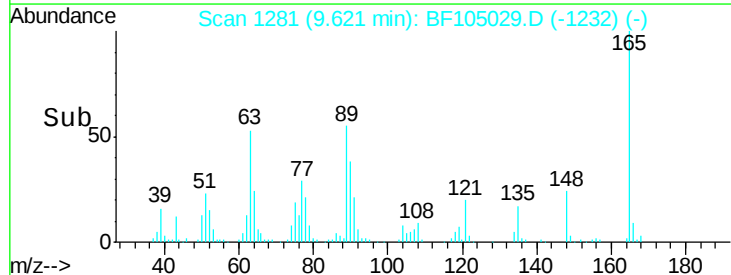
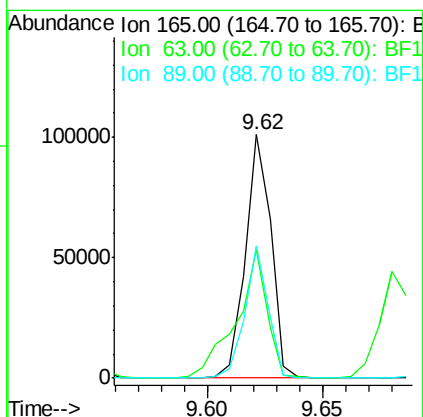
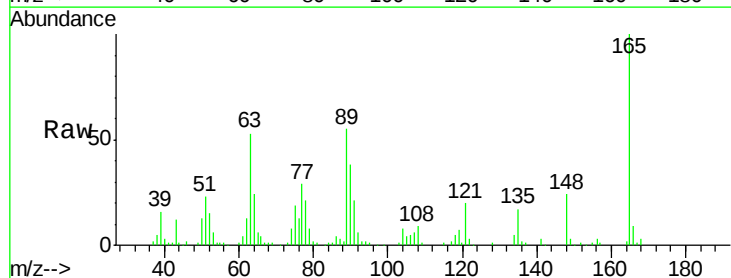
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

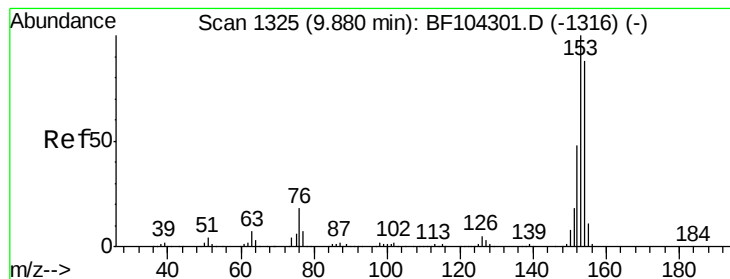
Tgt Ion:163 Resp: 426496
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 34.595 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion:165 Resp: 78185
Ion Ratio Lower Upper
165 100
63 52.8 44.7 67.1
89 54.6 44.0 66.0





#51

Acenaphthene

Concen: 29.644 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

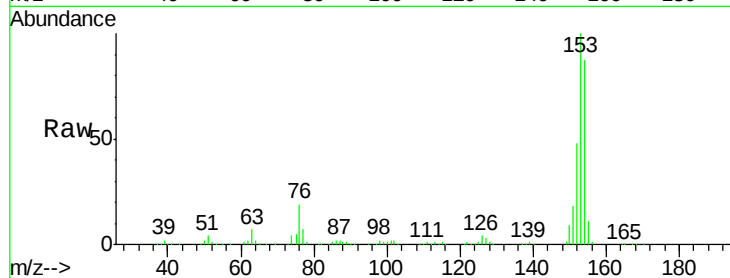
Tgt Ion:154 Resp: 291645

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

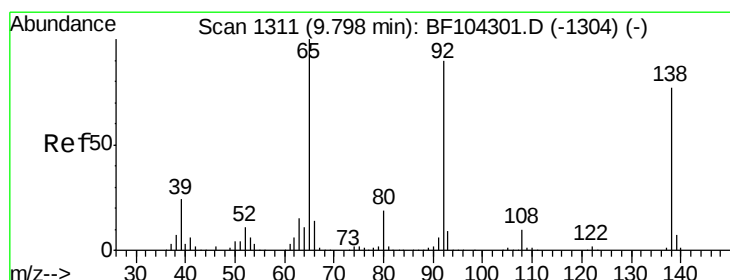
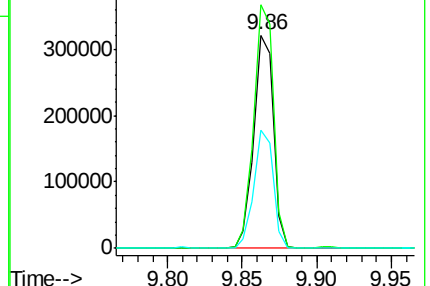
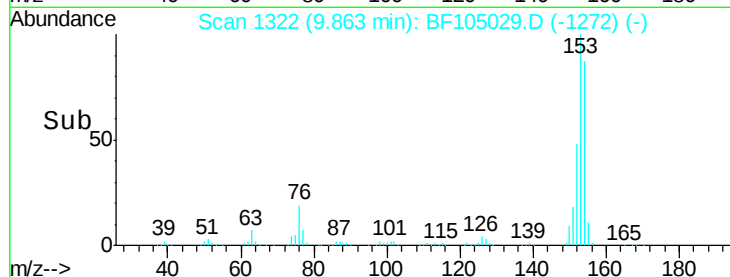
152 55.2 43.8 65.8



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: 29.118 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

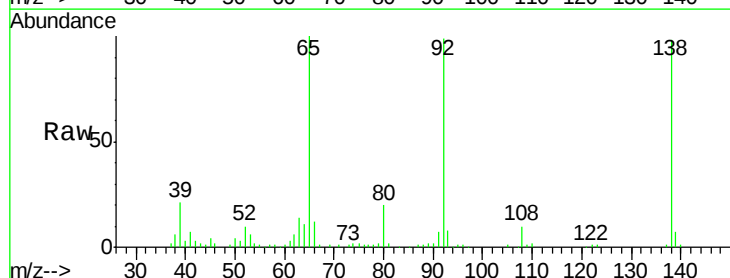
Tgt Ion:138 Resp: 77041

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

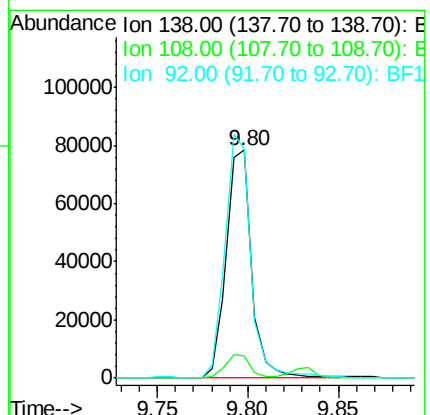
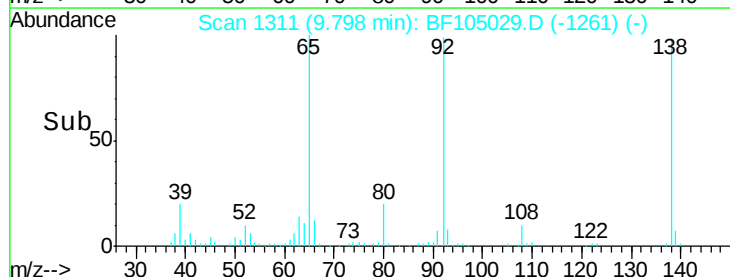
92 100.4 89.4 134.2

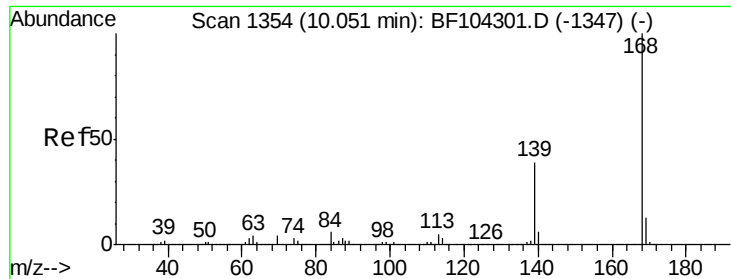


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

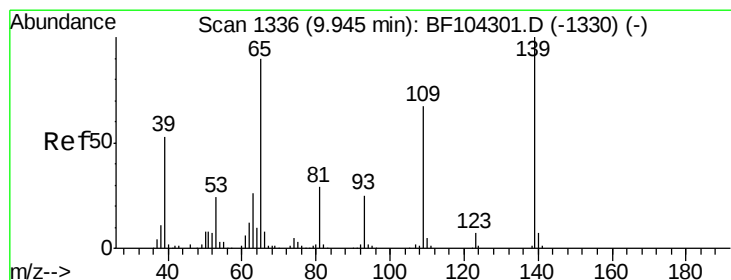
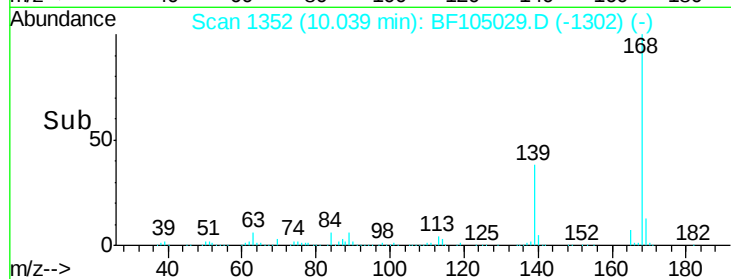
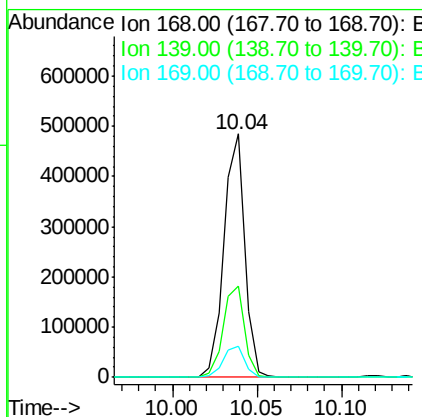
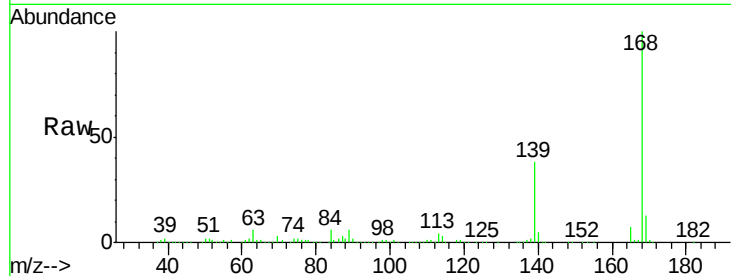




#54
Dibenzofuran
Concen: 30.361 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

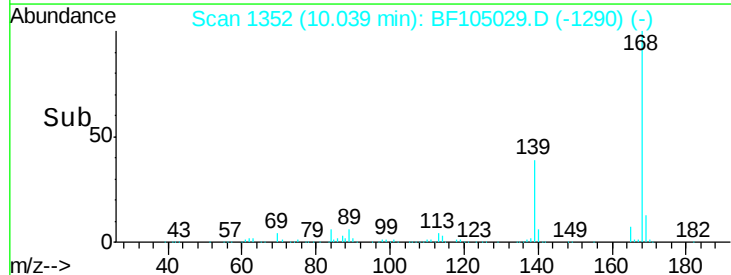
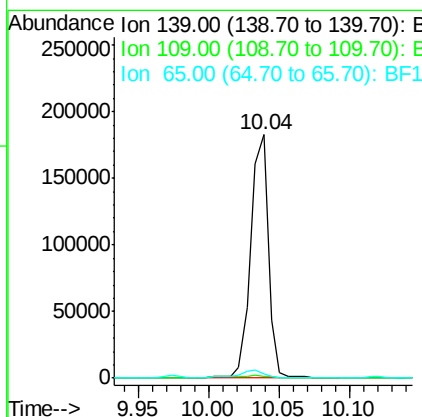
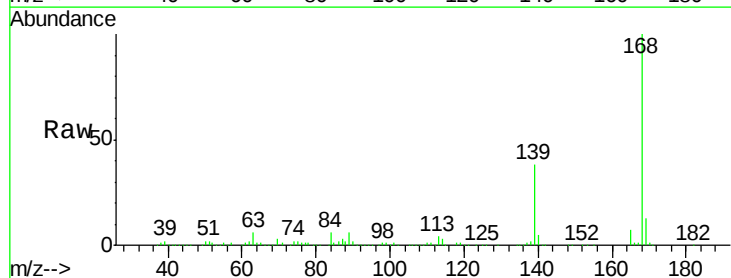
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

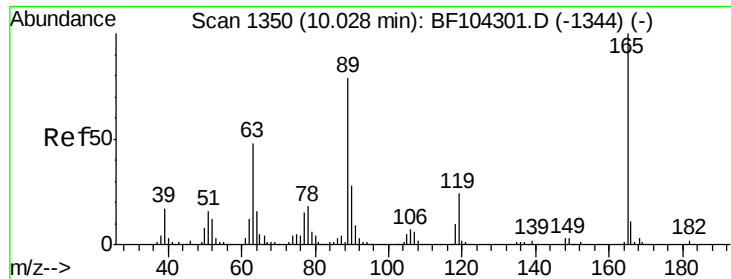
Tgt Ion:168 Resp: 416263
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.0 10.9 16.3



#55
4-Nitrophenol
Concen: 78.236 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.06 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion:139 Resp: 162601
Ion Ratio Lower Upper
139 100
109 0.8 48.4 88.4#
65 1.9 72.6 112.6#

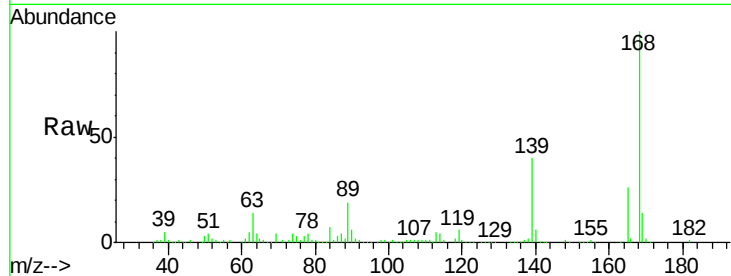




#56
2,4-Dinitrotoluene
Concen: 32.016 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.0	36.4	54.6
89	73.0	57.8	86.6
182	2.3	1.6	2.4

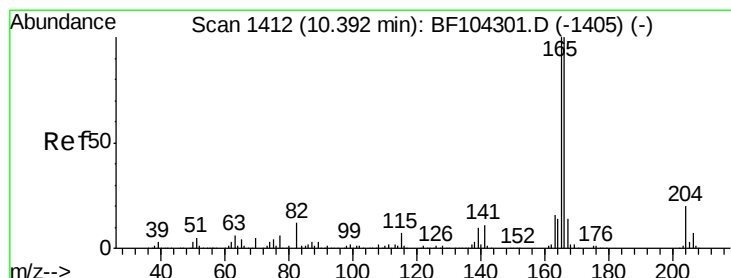
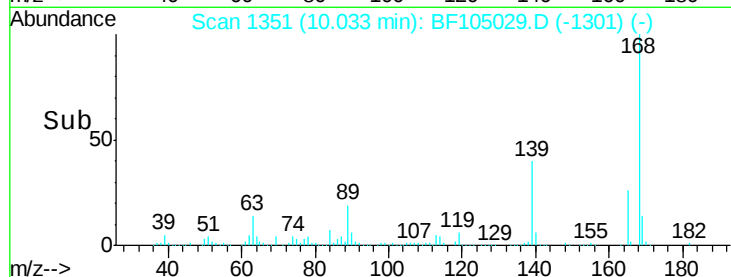
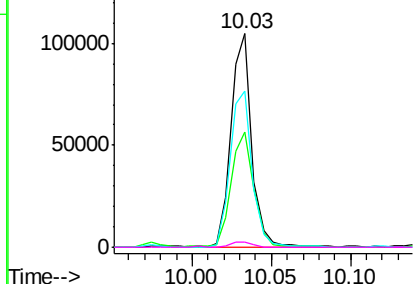


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

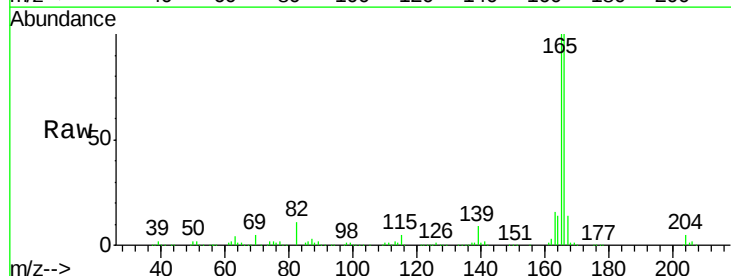
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 34.906 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

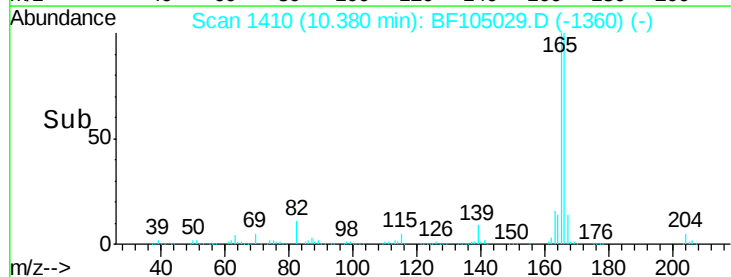
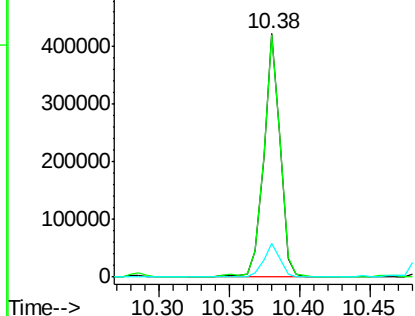
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.7	10.6	16.0

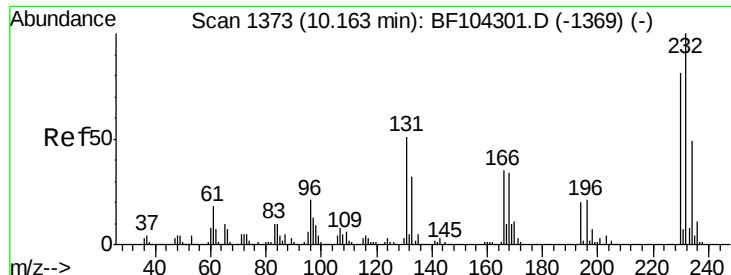


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

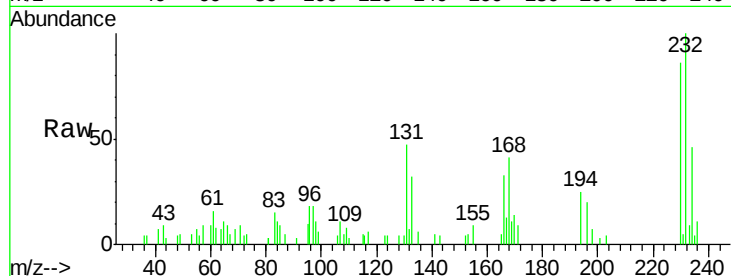




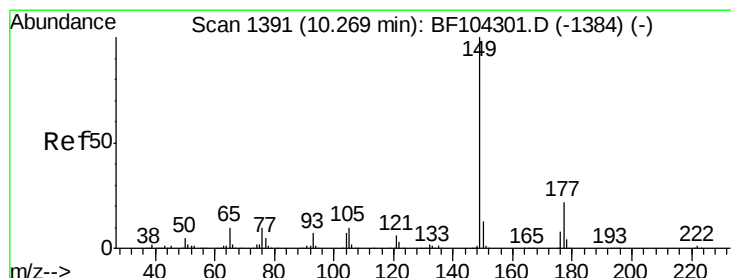
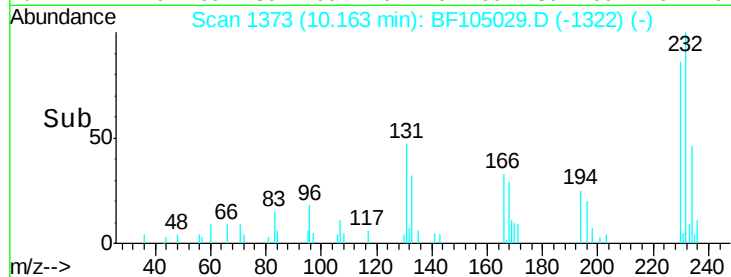
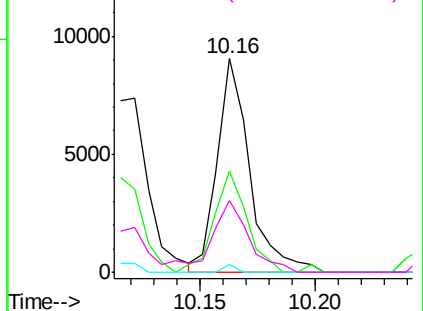
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.433 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

Tgt Ion: 232 Resp: 8822
 Ion Ratio Lower Upper
 232 100
 131 48.1 43.8 65.8
 130 1.3 2.1 3.1#
 166 0.0 27.8 41.6#

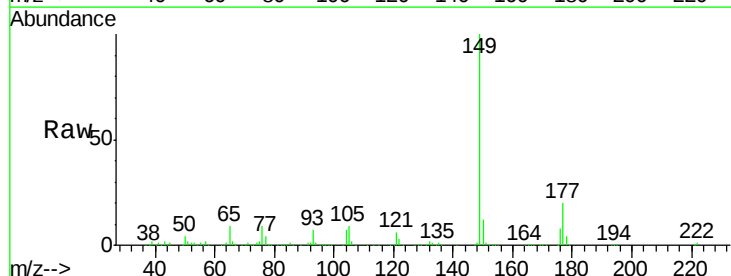


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

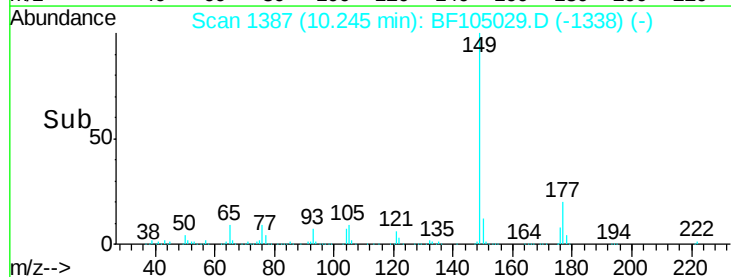
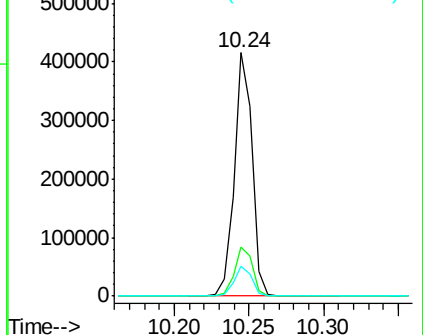


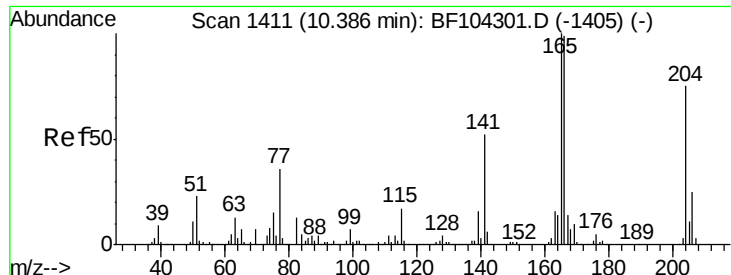
#59
 Diethylphthalate
 Concen: 28.733 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion: 149 Resp: 349513
 Ion Ratio Lower Upper
 149 100
 177 20.3 16.1 24.1
 150 12.3 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

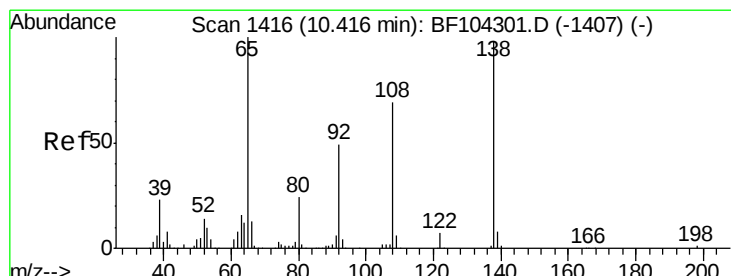
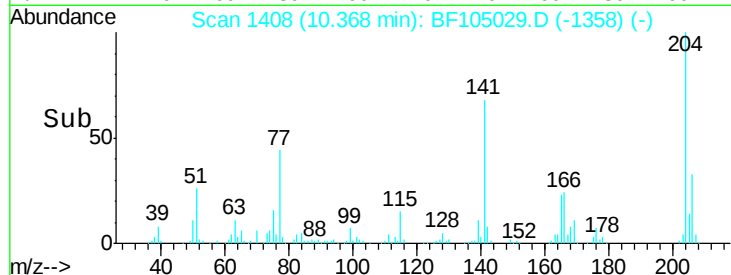
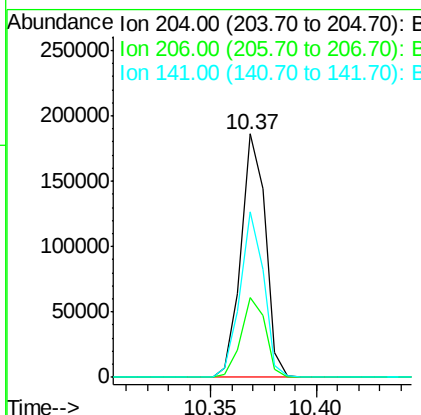
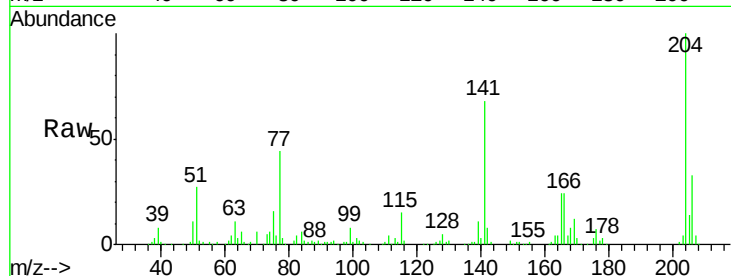




#60
 4-Chlorophenyl-phenylether
 Concen: 33.601 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

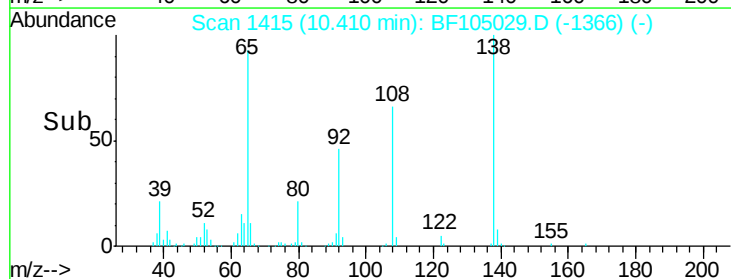
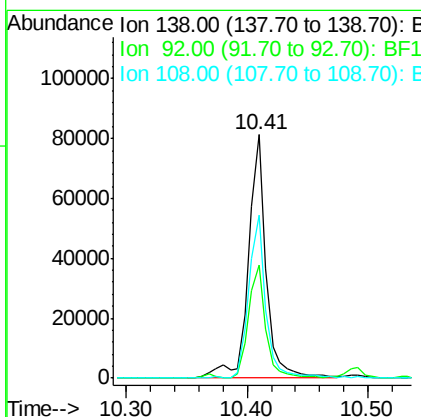
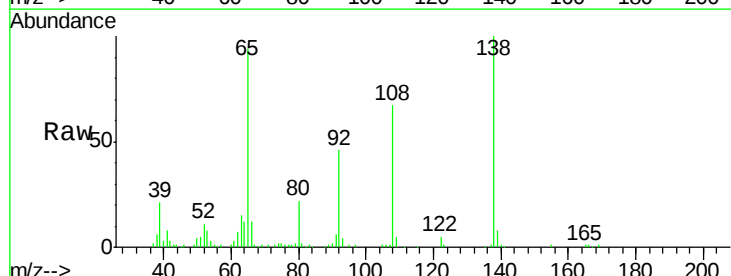
Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

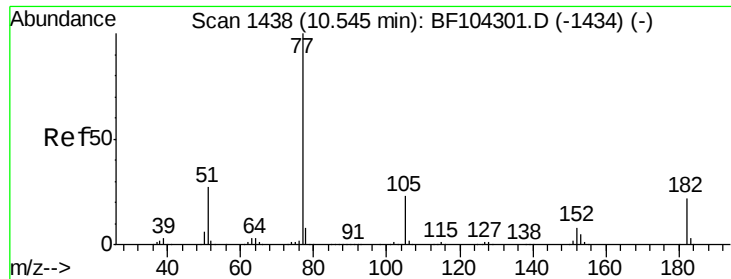
Tgt Ion: 204 Resp: 149335
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 68.2 54.6 81.8



#61
 4-Nitroaniline
 Concen: 32.478 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion: 138 Resp: 84021
 Ion Ratio Lower Upper
 138 100
 92 46.3 30.2 70.2
 108 67.0 52.5 92.5

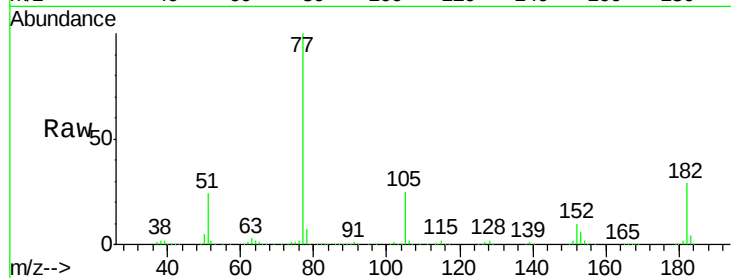




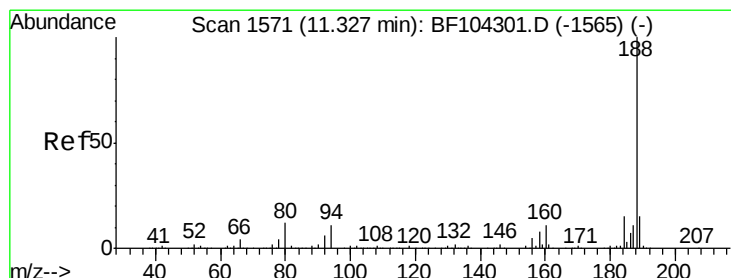
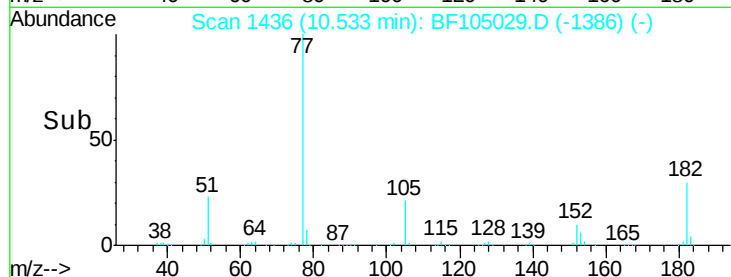
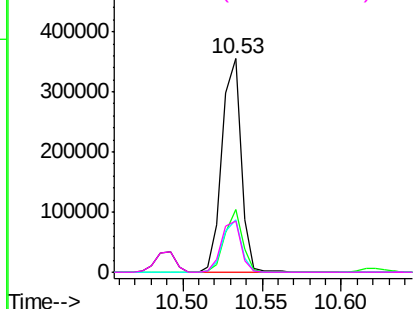
#62
Azobenzene
Concen: 25.459 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

Tgt Ion: 77 Resp: 295868
Ion Ratio Lower Upper
77 100
182 29.4 1.7 41.7
105 24.7 3.0 43.0
51 23.9 9.9 49.9

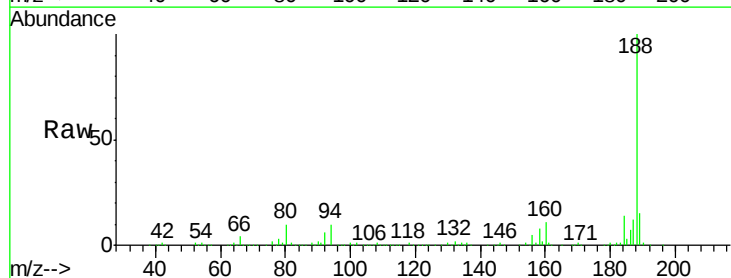


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

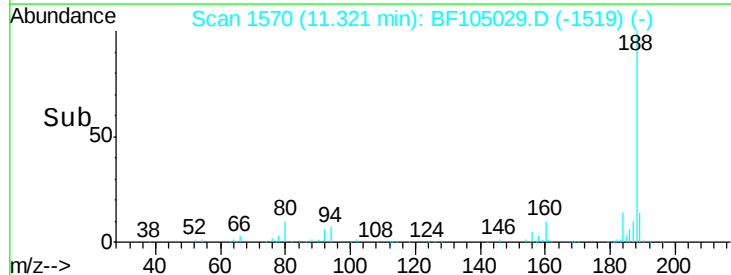
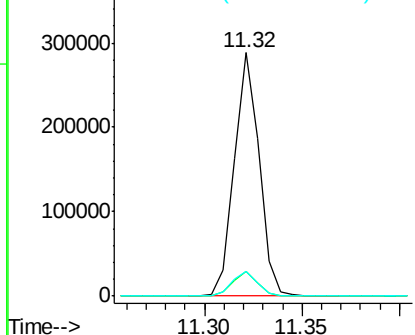


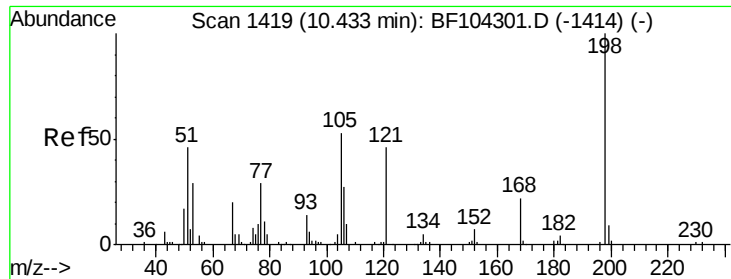
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion: 188 Resp: 254484
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 7.430 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

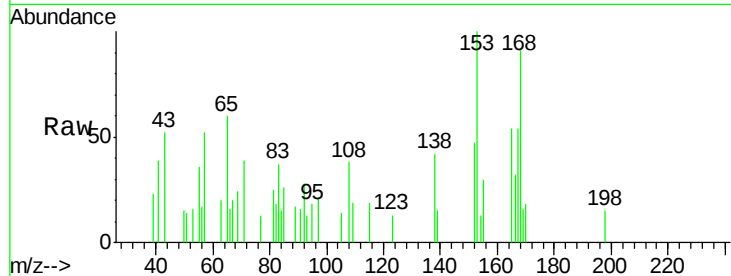
Tgt Ion:198 Resp: 122

Ion Ratio Lower Upper

198 100

51 97.1 37.7 77.7#

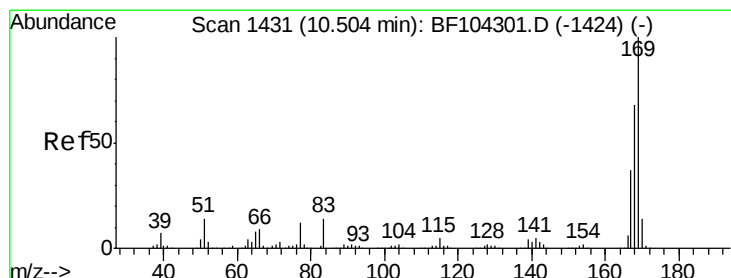
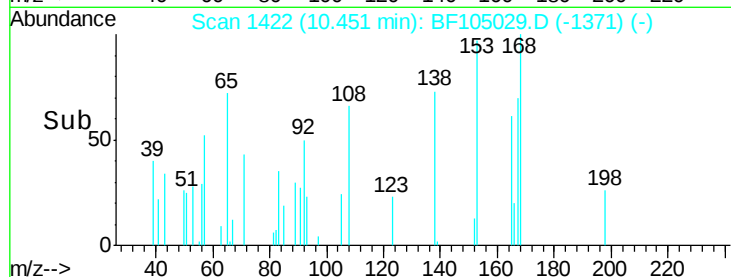
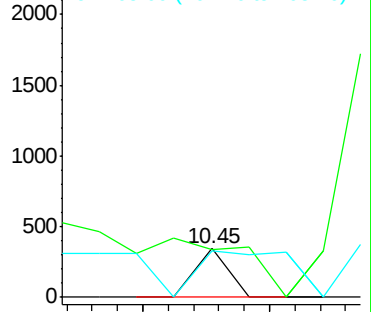
105 94.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 32.310 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

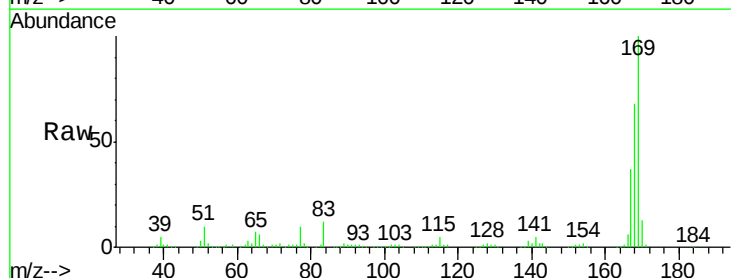
Tgt Ion:169 Resp: 285094

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

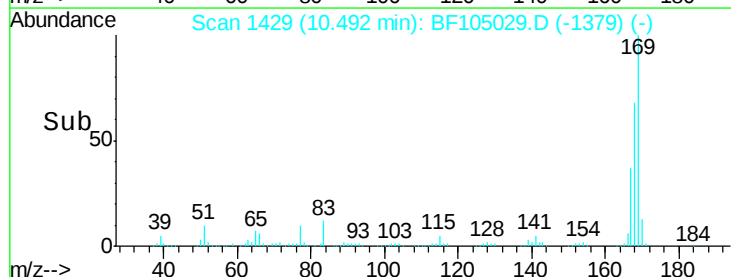
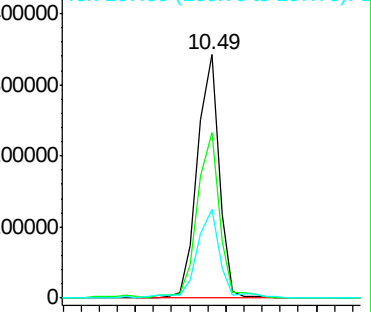
167 36.7 29.8 44.6

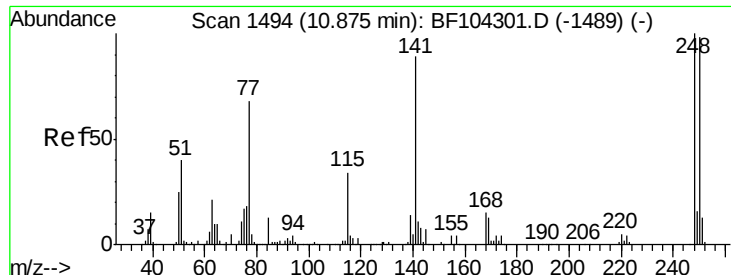


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

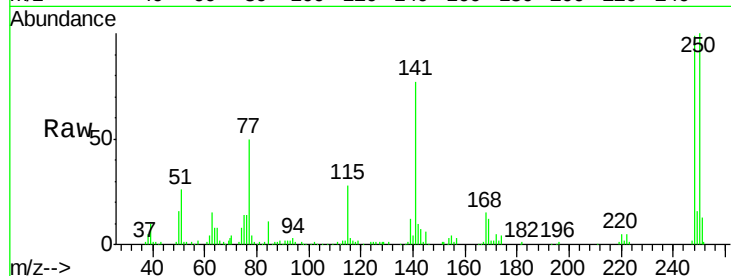




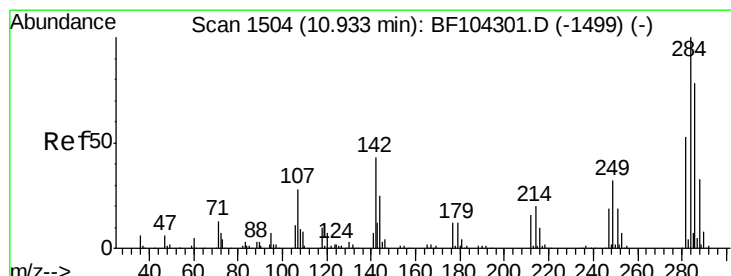
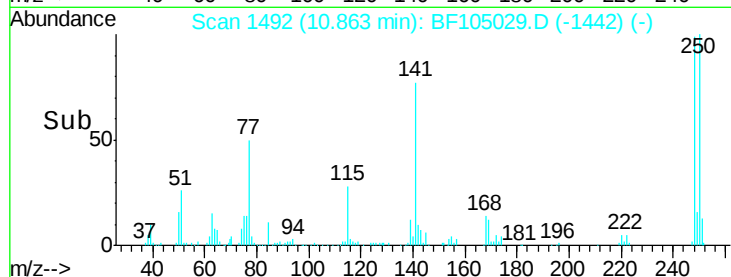
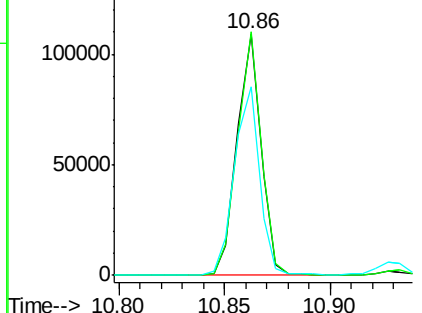
#66
 4-Bromophenyl-phenylether
 Concen: 31.879 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

Tgt Ion:248 Resp: 86294
 Ion Ratio Lower Upper
 248 100
 250 100.8 76.9 115.3
 141 77.9 74.4 111.6

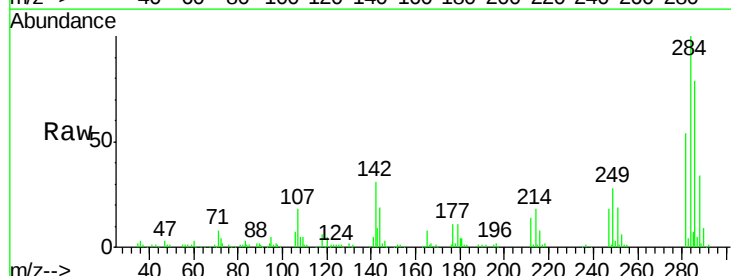


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

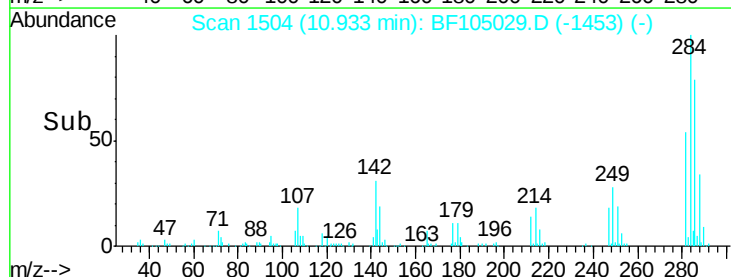
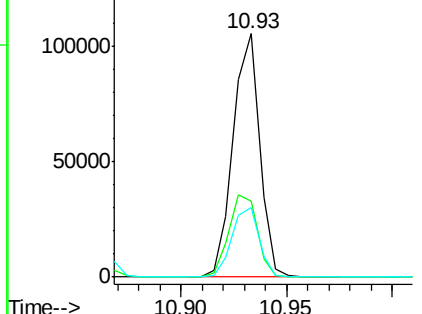


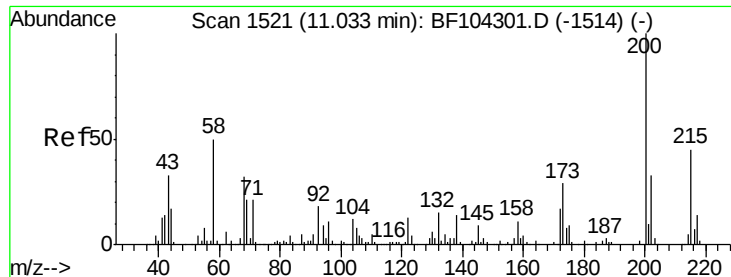
#67
 Hexachlorobenzene
 Concen: 30.069 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion:284 Resp: 91586
 Ion Ratio Lower Upper
 284 100
 142 31.0 34.6 52.0#
 249 28.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

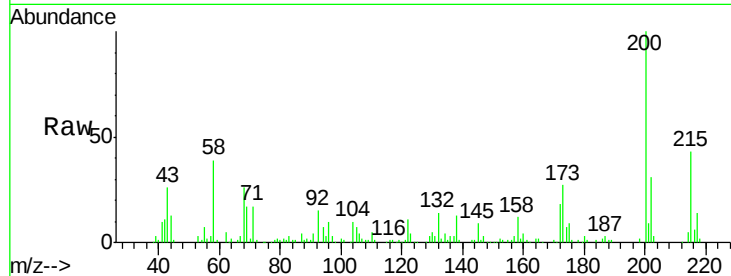




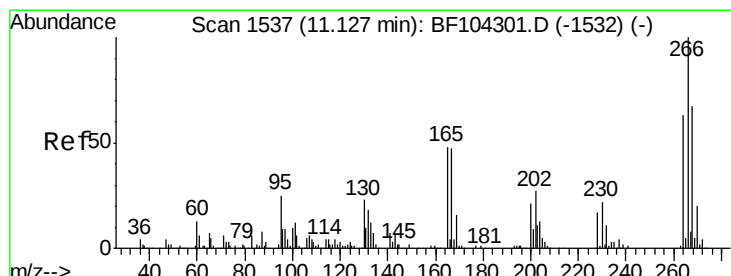
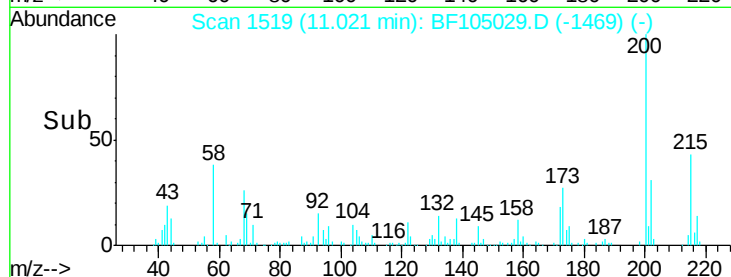
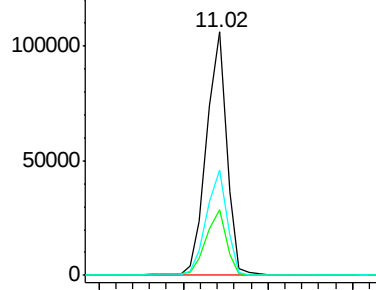
#68
Atrazine
Concen: 33.159 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

Tgt Ion: 200 Resp: 88316
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 43.3 25.1 65.1

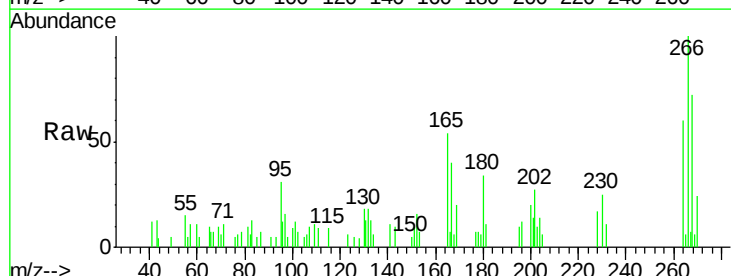


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

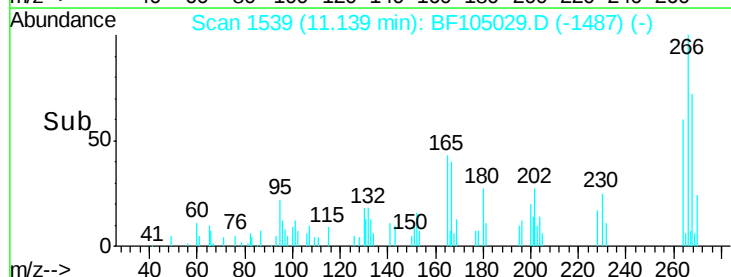
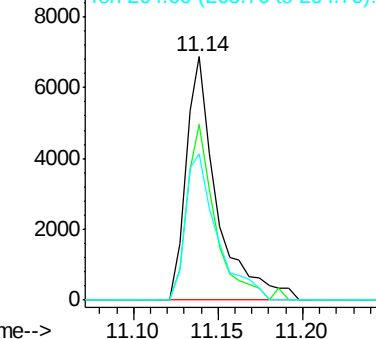


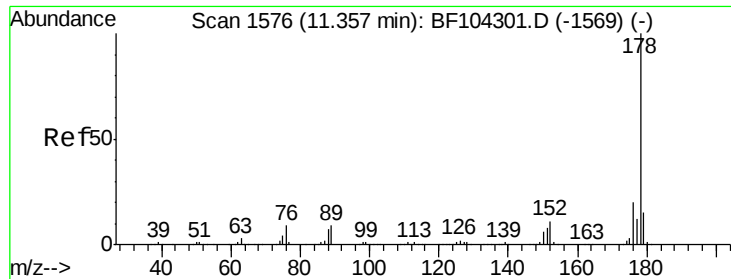
#69
Pentachlorophenol
Concen: 4.637 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion: 266 Resp: 8738
Ion Ratio Lower Upper
266 100
268 72.4 51.1 76.7
264 60.0 49.5 74.3



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

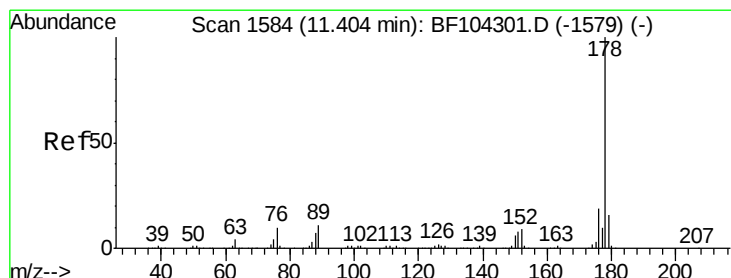
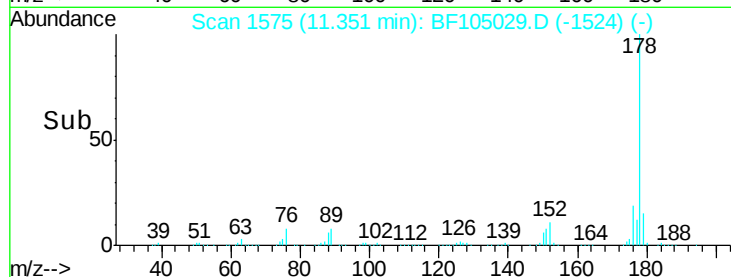
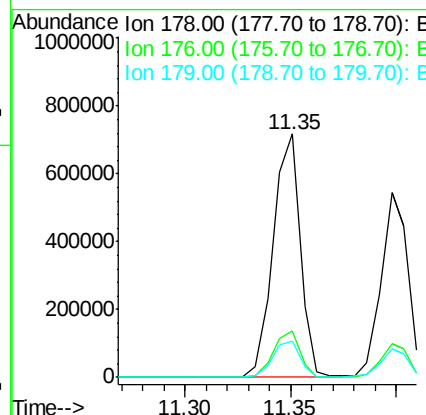
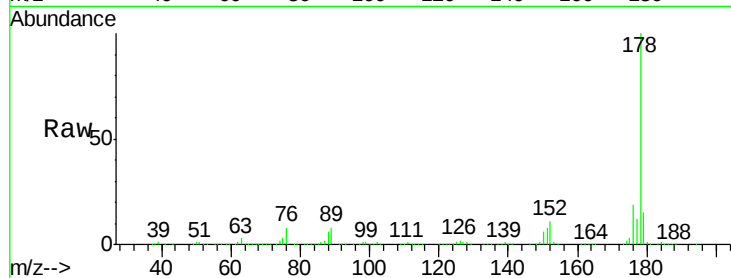




#70
Phenanthrene
Concen: 45.430 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

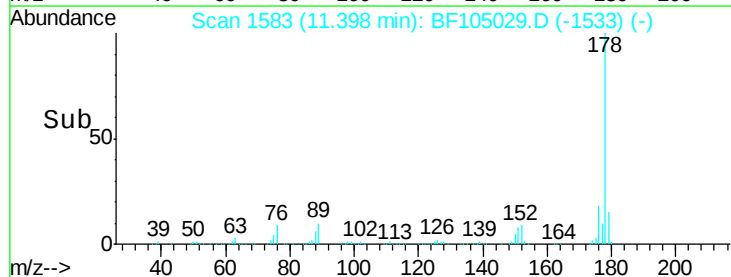
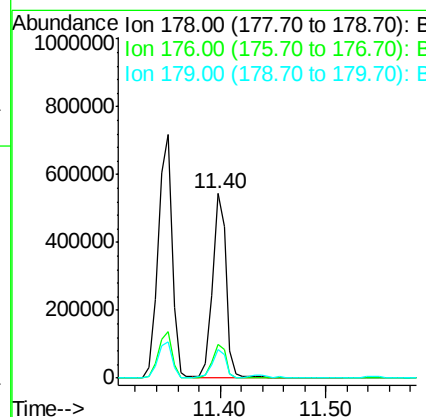
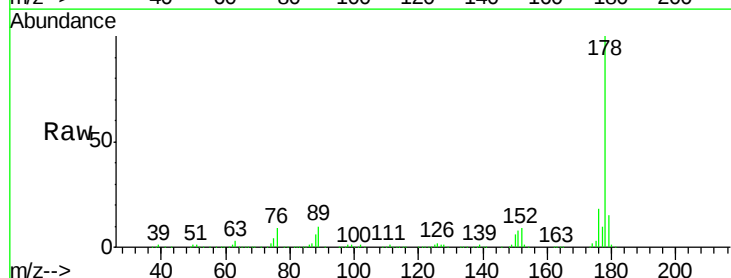
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

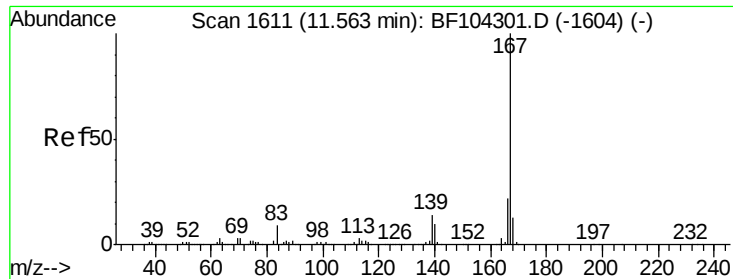
Tgt Ion:178 Resp: 643830
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.0 13.0 19.6



#71
Anthracene
Concen: 34.315 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion:178 Resp: 494350
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.2 12.6 19.0

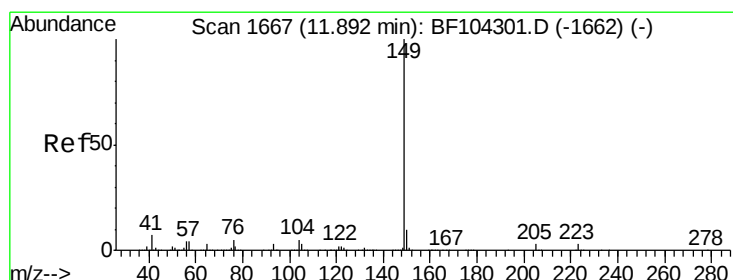
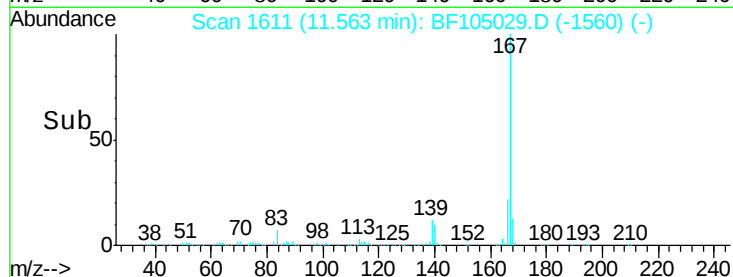
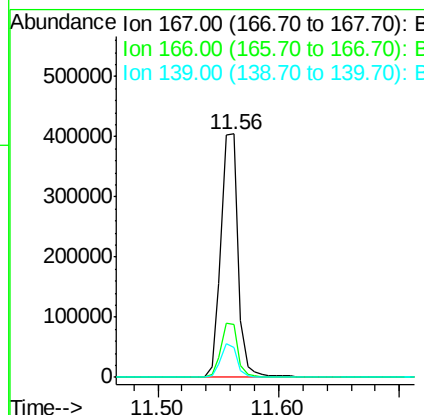
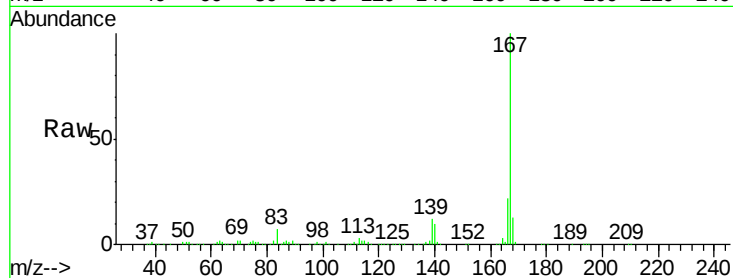




#72
 Carbazole
 Concen: 28.219 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

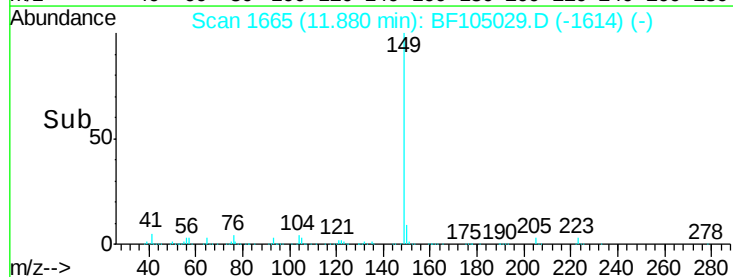
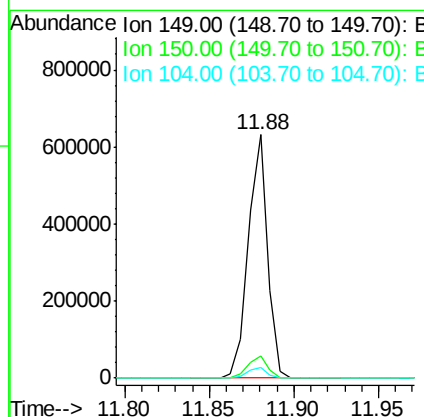
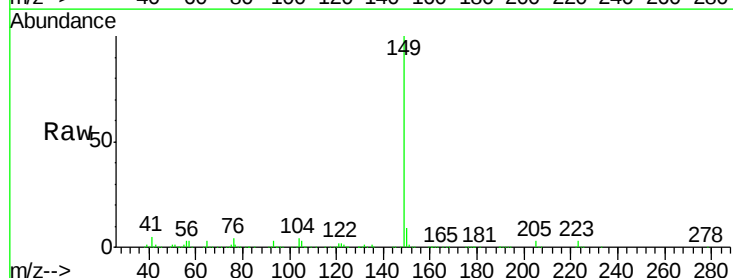
Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC

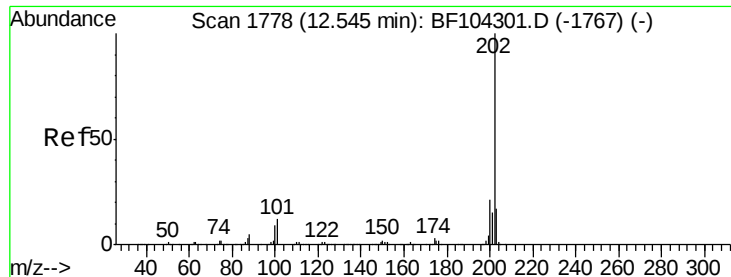
Tgt Ion:167 Resp: 397250
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.4 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 29.417 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF105029.D
 Acq: 2 May 2018 14:29

Tgt Ion:149 Resp: 505855
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 4.4 3.8 5.8





#74

Fluoranthene

Concen: 42.088 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

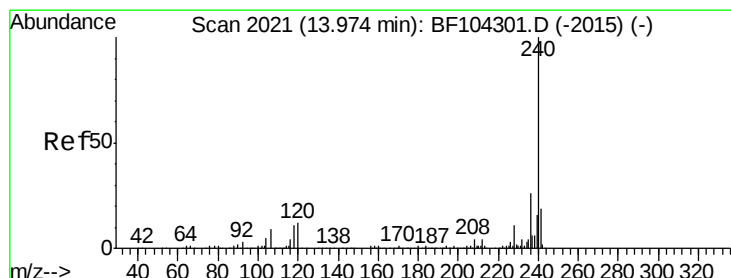
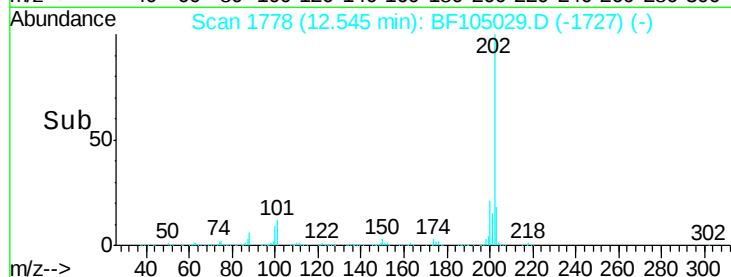
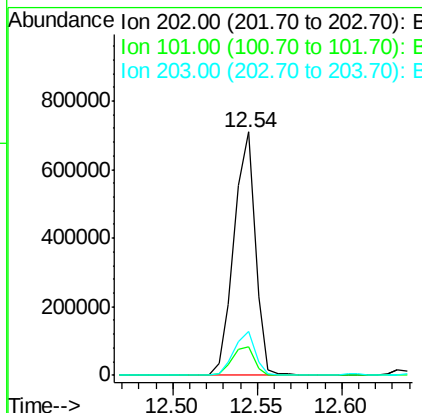
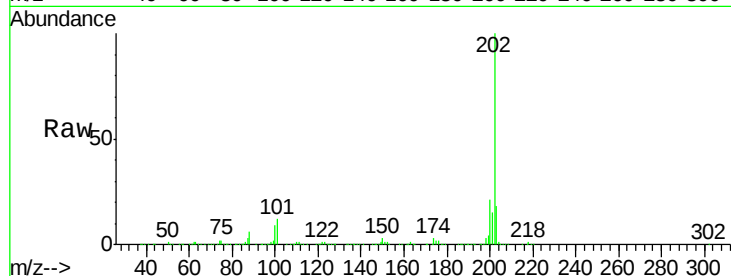
Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

Tgt Ion:	202	Resp:	623200
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	18.1	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

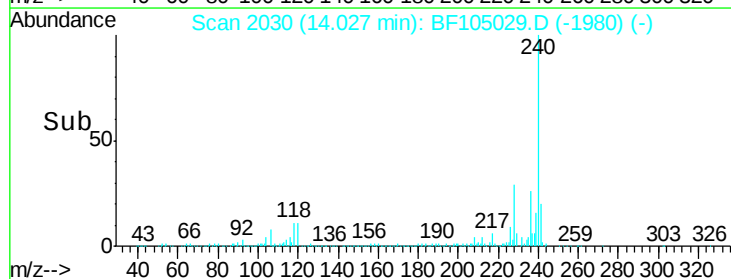
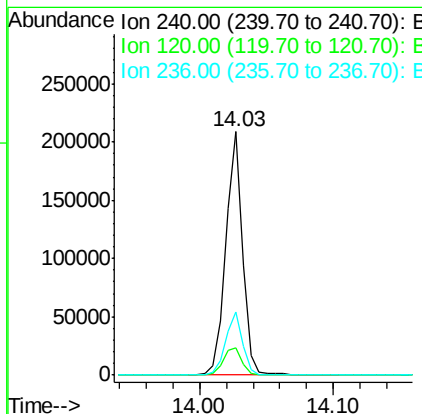
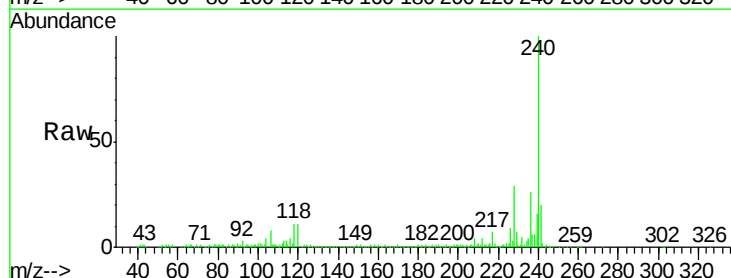
RT: 14.03 min Scan# 2030

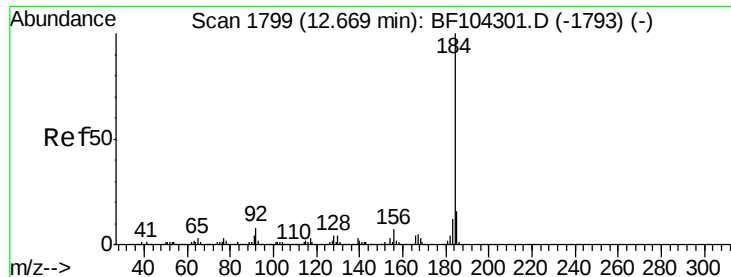
Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Tgt Ion:	240	Resp:	186085
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.9	20.7	31.1

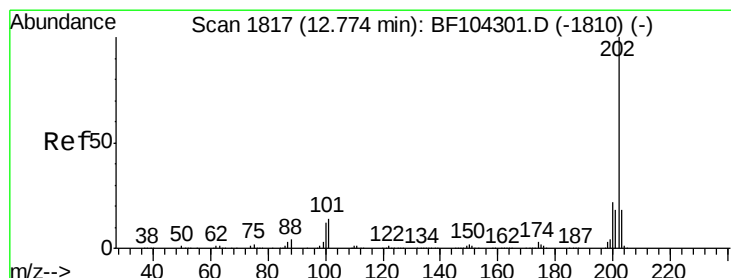
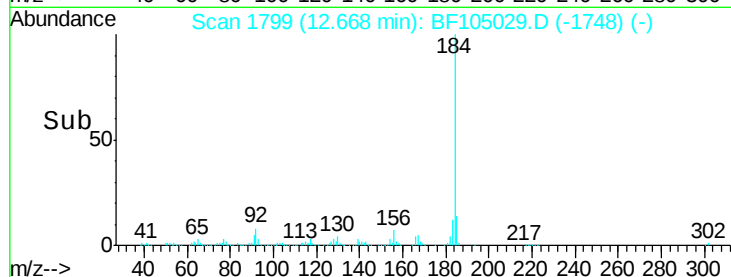
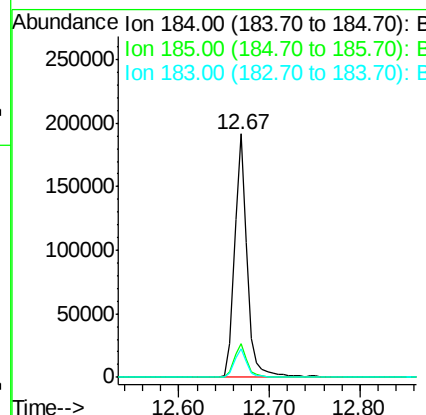
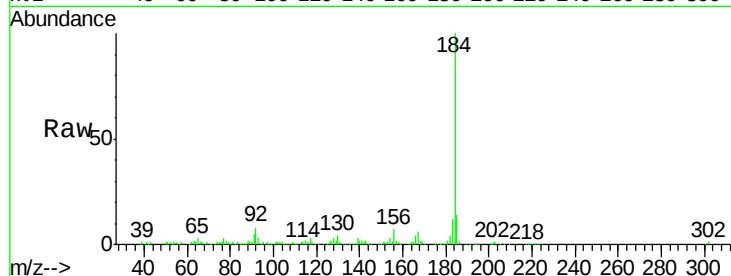




#76
Benzidine
Concen: 26.120 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

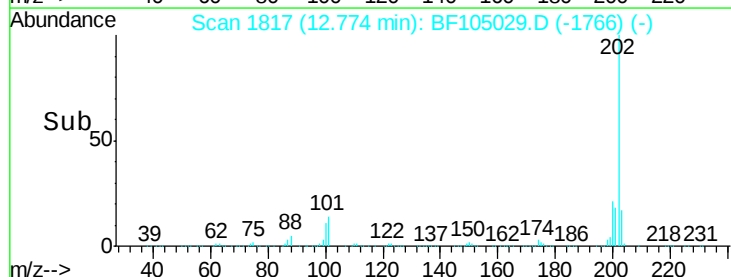
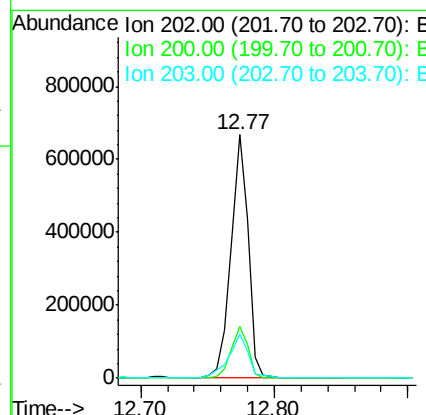
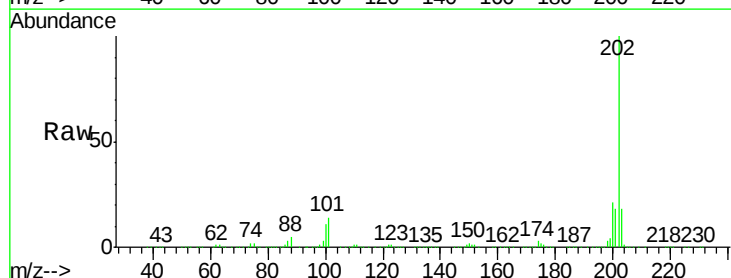
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

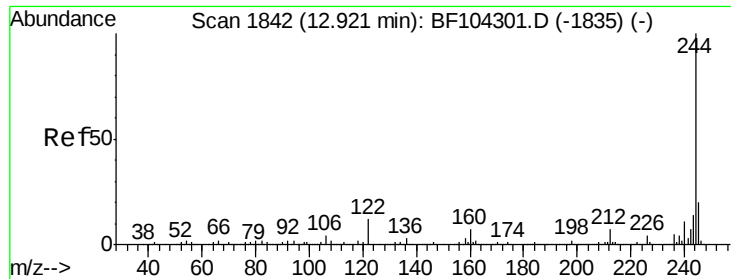
Tgt Ion:184 Resp: 183952
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 12.0 9.3 13.9



#77
Pyrene
Concen: 44.409 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion:202 Resp: 612551
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5





#78

Terphenyl-d14

Concen: 56.821 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

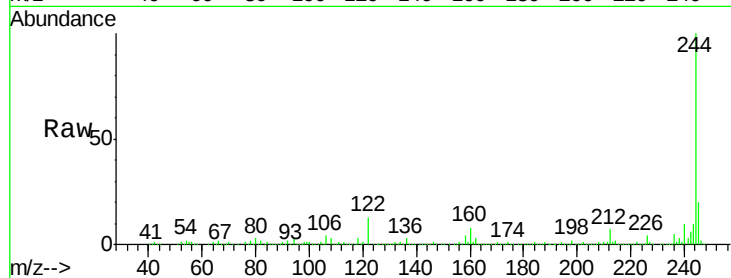
Tgt Ion:244 Resp: 463787

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

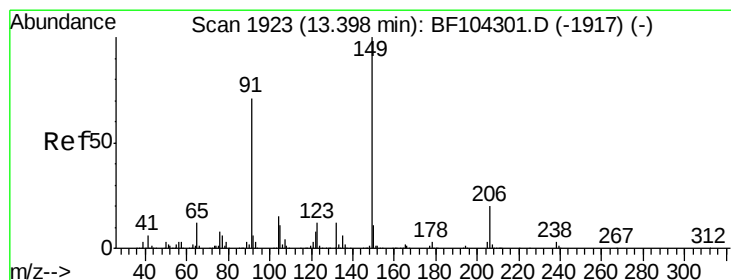
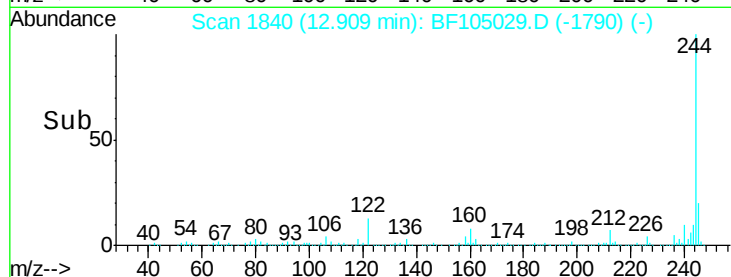
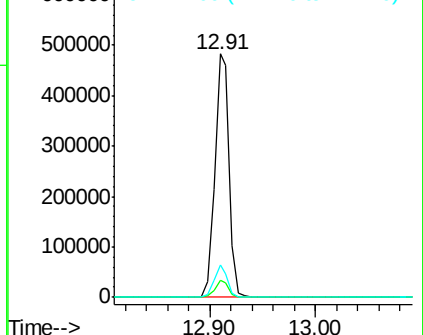
122 13.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 28.082 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

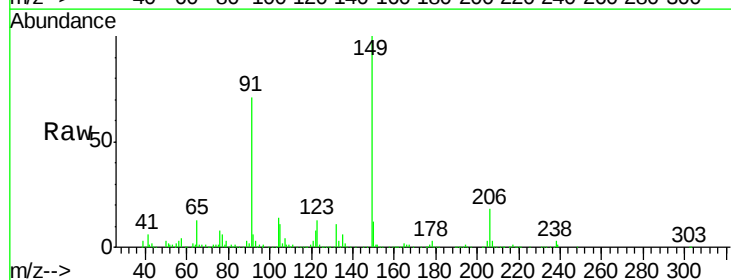
Tgt Ion:149 Resp: 182484

Ion Ratio Lower Upper

149 100

91 70.9 56.8 85.2

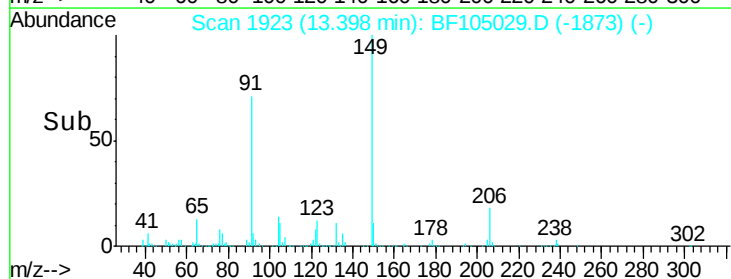
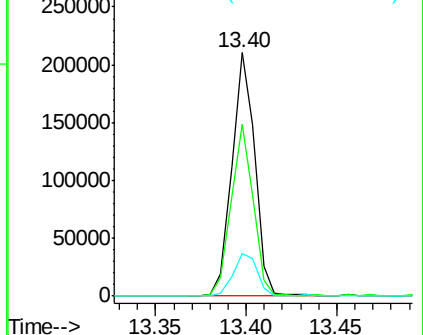
206 17.6 14.1 21.1

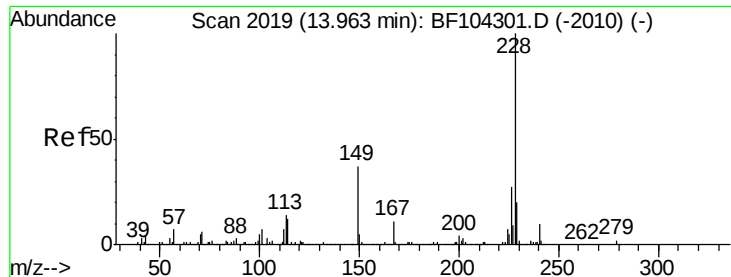


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.843 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

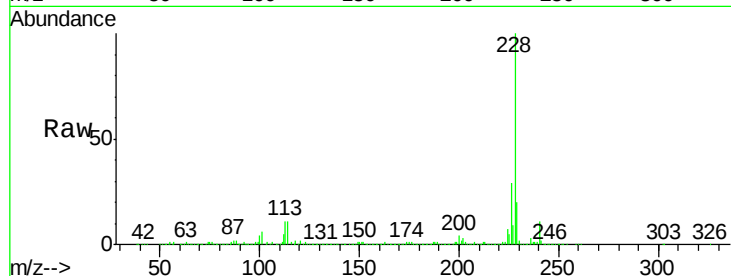
Tgt Ion:228 Resp: 465169

Ion Ratio Lower Upper

228 100

226 29.2 22.6 33.8

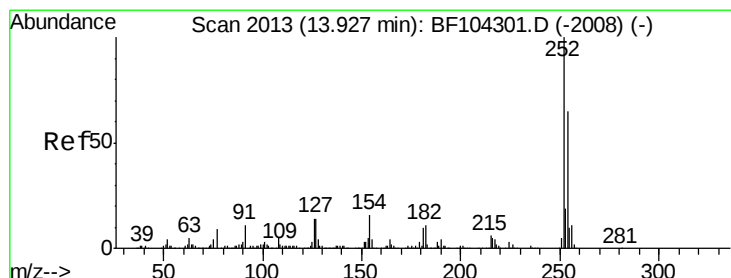
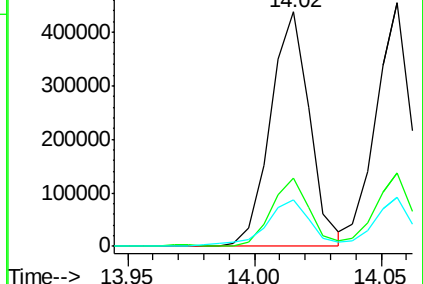
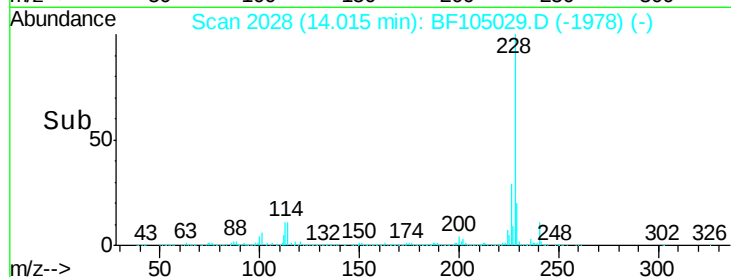
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.033 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

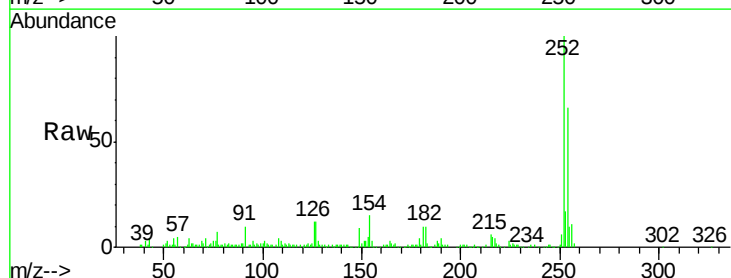
Tgt Ion:252 Resp: 103762

Ion Ratio Lower Upper

252 100

254 65.6 50.4 75.6

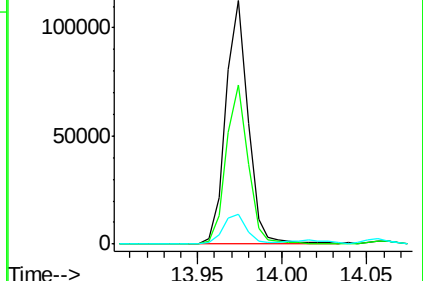
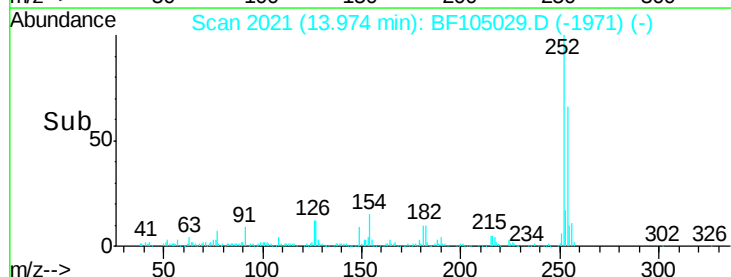
126 12.4 11.3 16.9

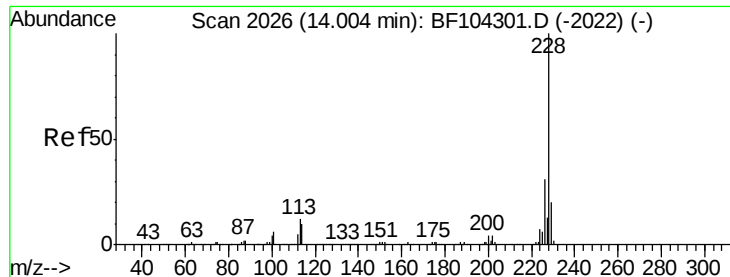


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.822 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

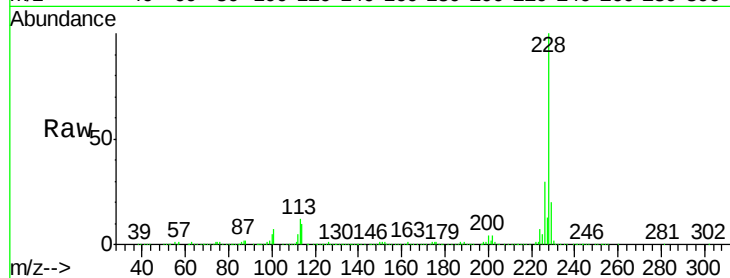
Tgt Ion:228 Resp: 431885

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

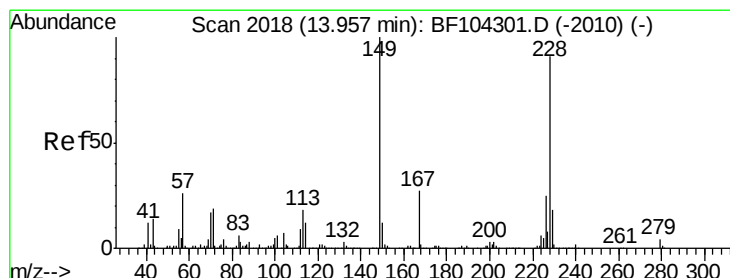
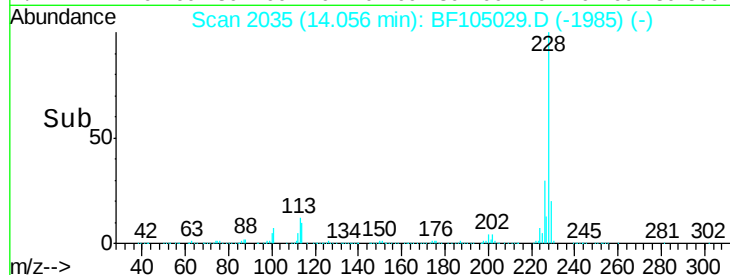
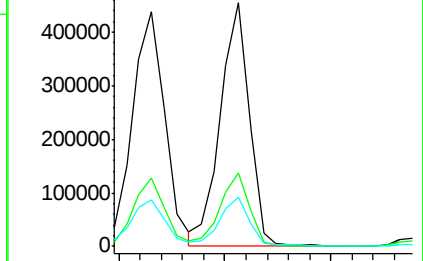
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.469 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

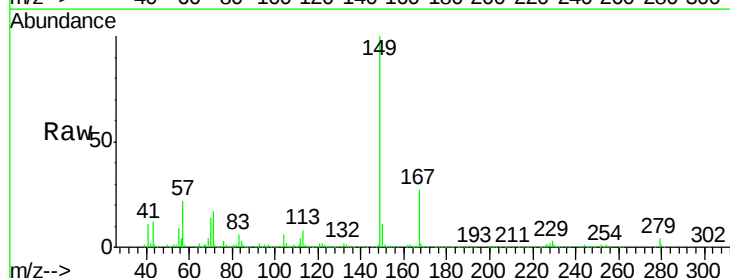
Tgt Ion:149 Resp: 271388

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

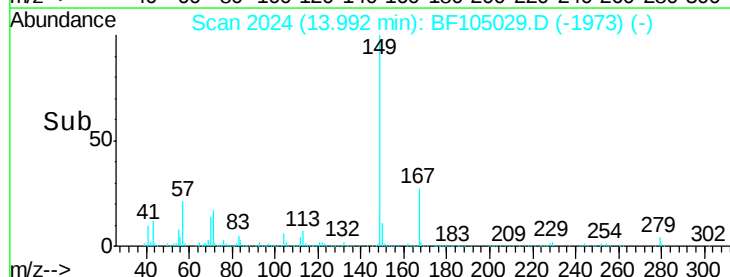
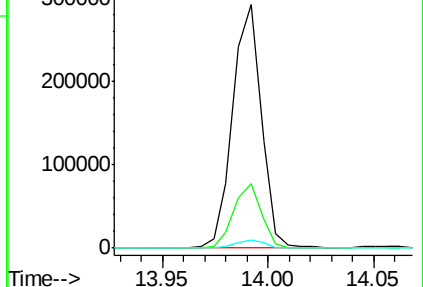
279 3.5 3.0 4.4

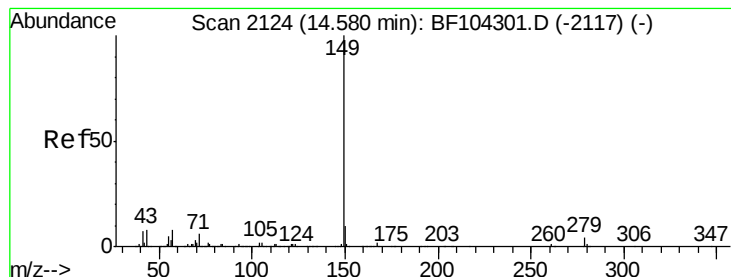


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 31.974 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

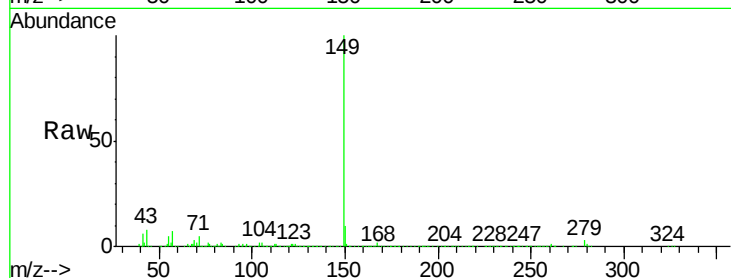
Tgt Ion:149 Resp: 446544

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

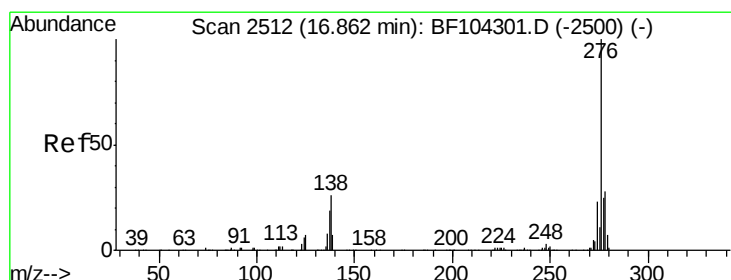
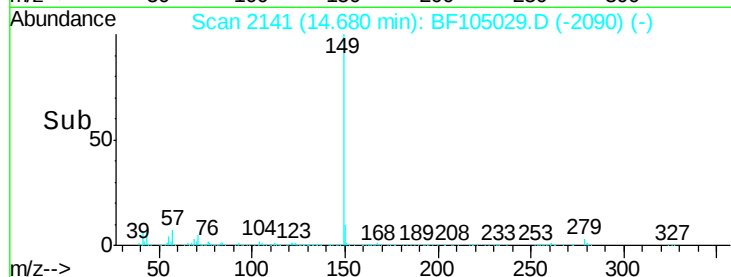
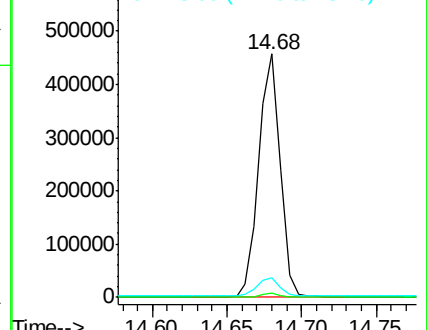
43 7.7 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.348 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

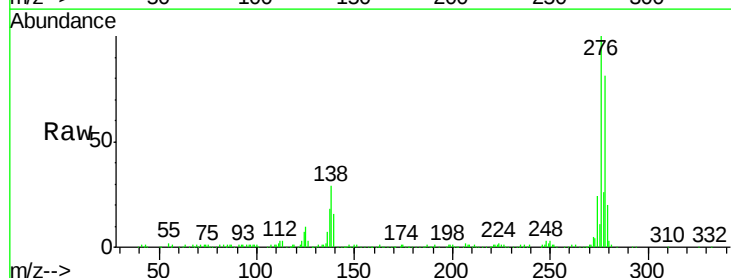
Tgt Ion:276 Resp: 323483

Ion Ratio Lower Upper

276 100

138 27.1 25.0 37.6

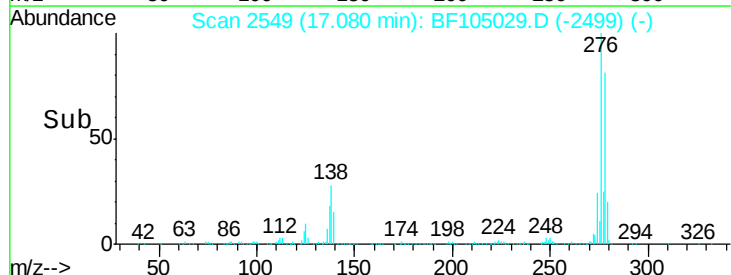
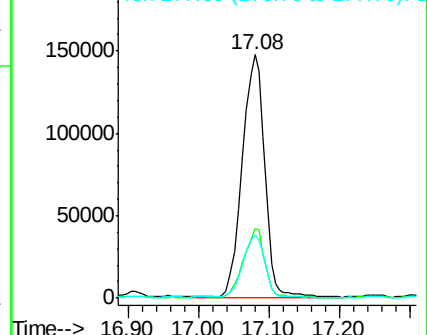
277 25.0 20.1 30.1

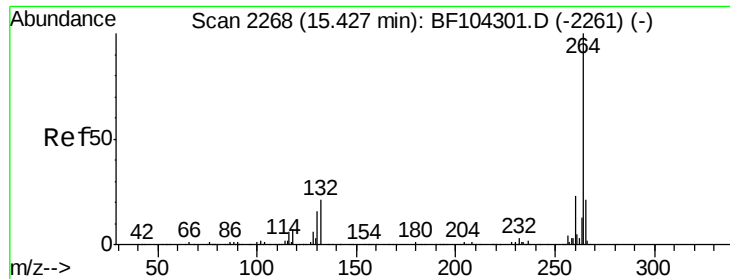


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



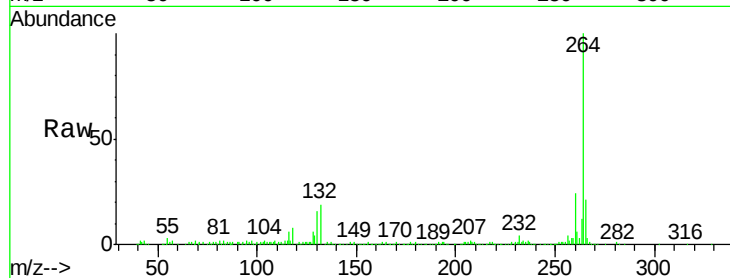


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

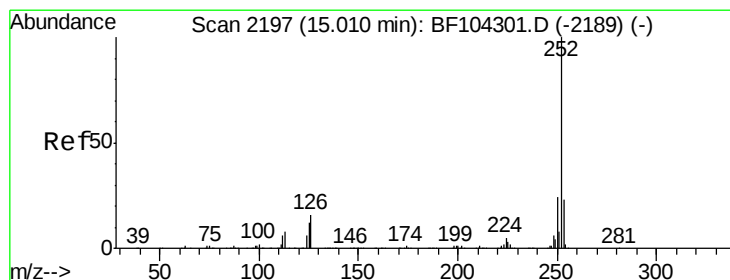
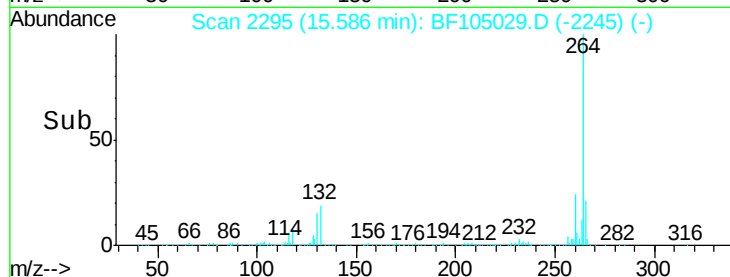
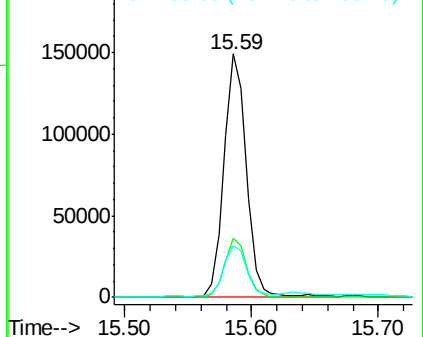
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

Tgt Ion: 264 Resp: 183271

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3



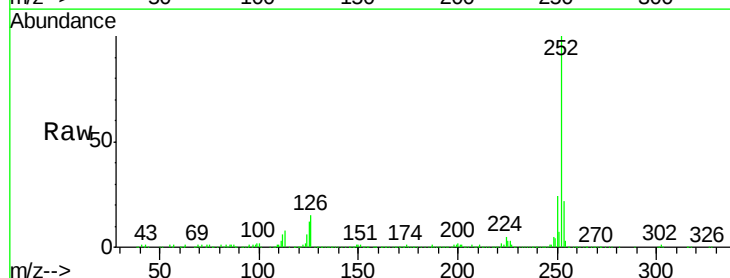
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



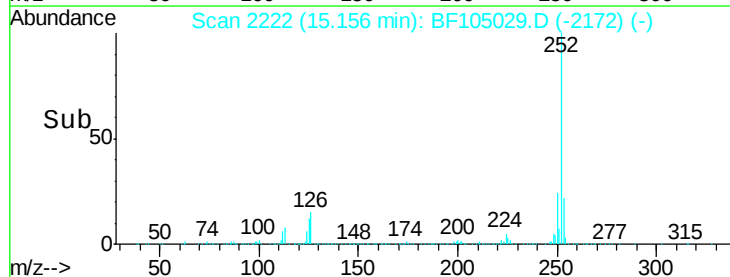
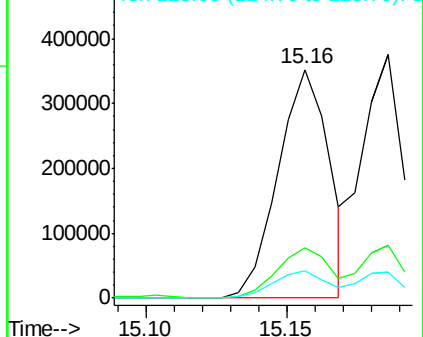
#87
Benzo(b)fluoranthene
Concen: 38.143 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

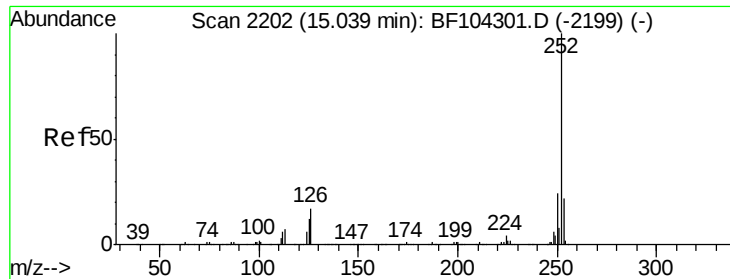
Tgt Ion: 252 Resp: 441511

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.9	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

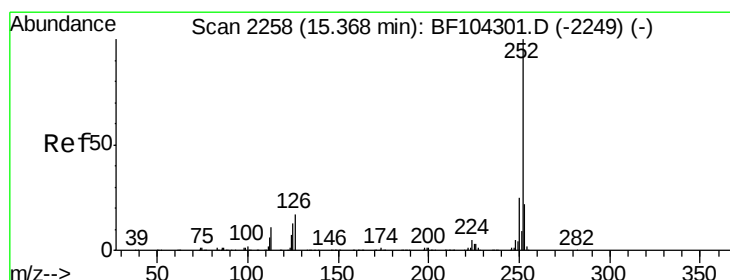
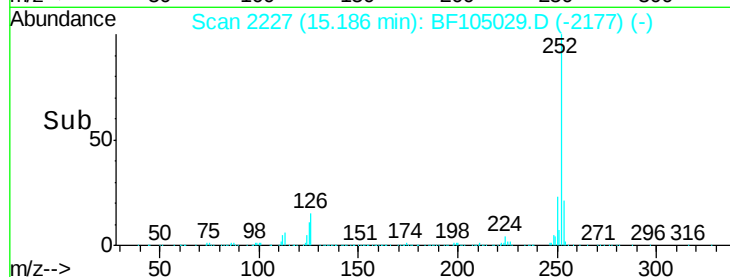
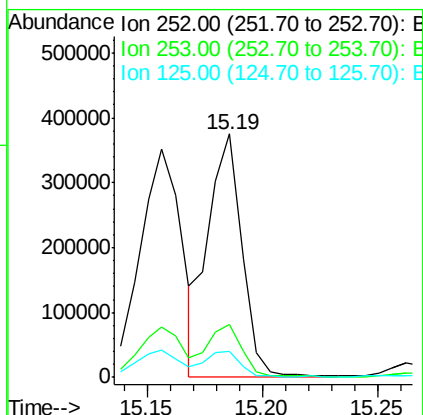
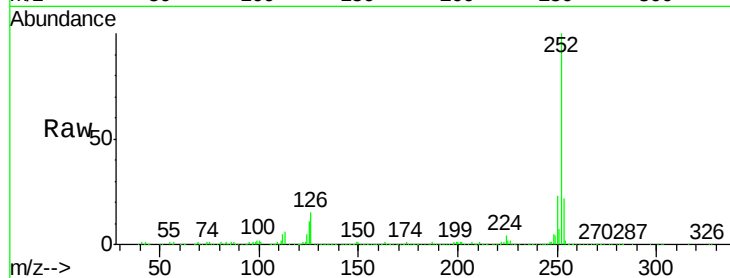




#88
Benzo(k)fluoranthene
Concen: 34.912 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

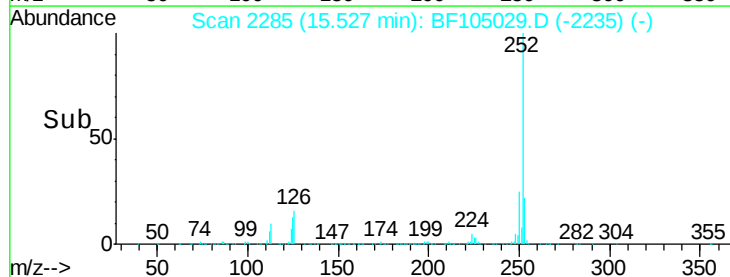
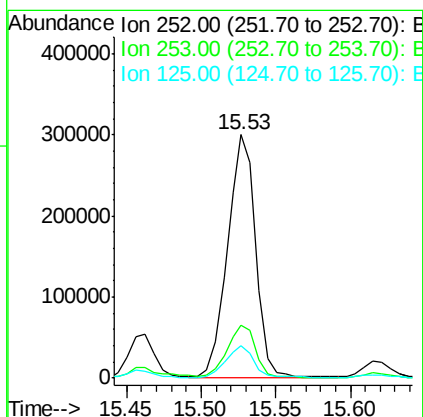
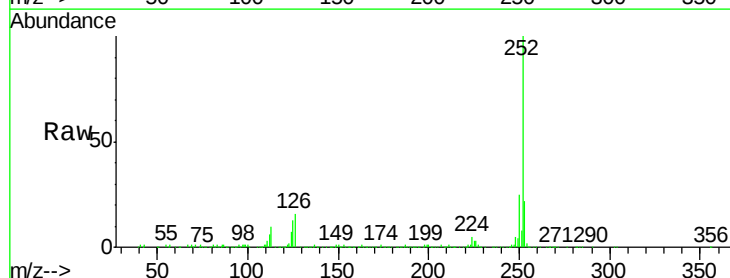
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-P5-WC

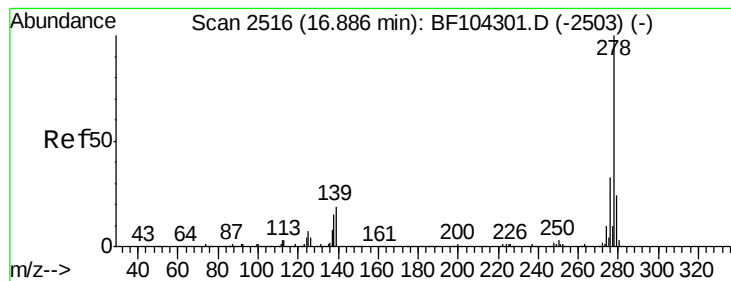
Tgt Ion:252 Resp: 381512
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 10.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 38.259 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF105029.D
Acq: 2 May 2018 14:29

Tgt Ion:252 Resp: 396244
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 13.2 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 29.059 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-P5-WC

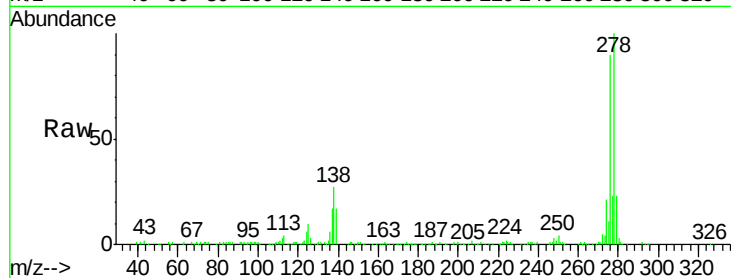
Tgt Ion:278 Resp: 247174

Ion Ratio Lower Upper

278 100

139 17.2 15.9 23.9

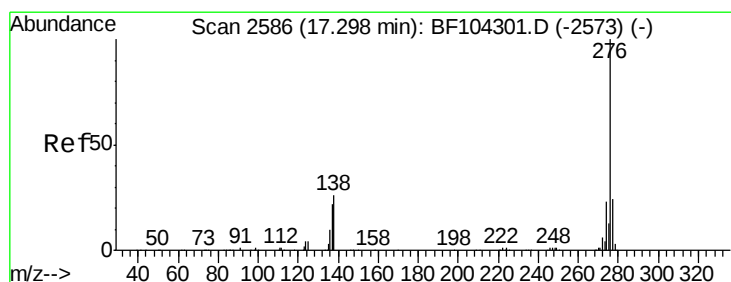
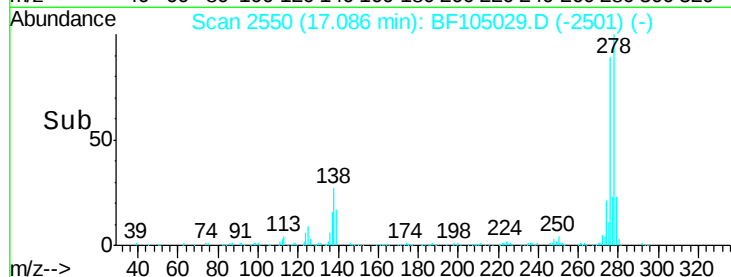
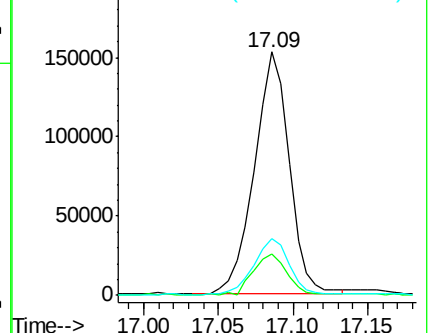
279 23.4 19.0 28.4



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(g,h,i)perylene

Concen: 32.016 ng

RT: 17.53 min Scan# 2625

Delta R.T. -0.01 min

Lab File: BF105029.D

Acq: 2 May 2018 14:29

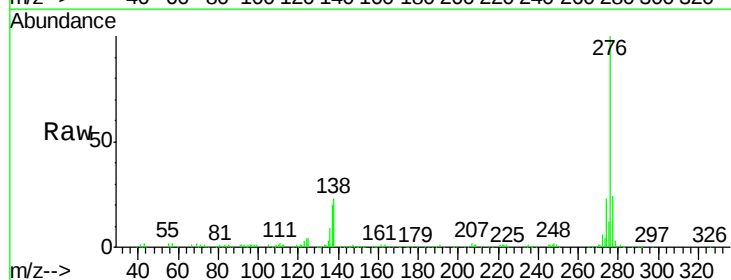
Tgt Ion:276 Resp: 263839

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 22.8 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

