

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104990.D
 Acq On : 1 May 2018 18:07
 Operator : JU/SJ
 Sample : J2565-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Quant Time: May 02 06:51:10 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116459	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484659	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220587	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	373289	20.00	ng	0.00
75) Chrysene-d12	14.02	240	212065	20.00	ng	0.04
86) Perylene-d12	15.55	264	214530	20.00	ng	0.12

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	856219	112.42	ng	0.00
7) Phenol-d6	6.44	99	1062133	113.50	ng	0.00
23) Nitrobenzene-d5	7.36	82	666940	89.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	256750	112.21	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1126218	80.66	ng	0.00
78) Terphenyl-d14	12.92	244	905109	97.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	87094	24.541	ng	# 87
3) Pyridine	3.26	79	248783	24.933	ng	# 83
4) n-Nitrosodimethylamine	3.22	42	108319	31.055	ng	# 77
6) Aniline	6.46	93	257947	19.840	ng	# 29
8) 2-Chlorophenol	6.58	128	283621	35.281	ng	93
9) Benzaldehyde	6.34	77	112459	19.998	ng	98
10) Phenol	6.45	94	352743	35.526	ng	80
11) bis(2-Chloroethyl)ether	6.53	93	270500	34.138	ng	90
12) 1,3-Dichlorobenzene	6.73	146	293379	32.214	ng	99
13) 1,4-Dichlorobenzene	6.81	146	295783	32.581	ng	98
14) 1,2-Dichlorobenzene	6.96	146	276917	32.916	ng	99
15) Benzyl Alcohol	6.94	79	224932	31.646	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	297797	27.986	ng	67
17) 2-Methylphenol	7.06	107	231937	33.192	ng	# 92
18) Hexachloroethane	7.30	117	103489	31.973	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	181863	29.740	ng	92
20) 3+4-Methylphenols	7.21	107	288356	33.272	ng	# 74
22) Acetophenone	7.20	105	389982	32.684	ng	99
24) Nitrobenzene	7.38	77	286061	34.908	ng	98
25) Isophorone	7.62	82	525333	33.471	ng	99
26) 2-Nitrophenol	7.70	139	153436	45.993	ng	90
27) 2,4-Dimethylphenol	7.73	122	244921	35.358	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	341298	35.565	ng	100
29) 2,4-Dichlorophenol	7.94	162	247629	37.467	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	246773	34.022	ng	98
31) Naphthalene	8.10	128	844009	34.973	ng	99
32) Benzoic acid	7.83	122	35619	6.445	ng	95
33) 4-Chloroaniline	8.15	127	197126	19.066	ng	96
34) Hexachlorobutadiene	8.21	225	132859	33.441	ng	99
35) Caprolactam	8.53	113	79186	34.344	ng	# 75
36) 4-Chloro-3-methylphenol	8.65	107	254543	35.917	ng	99
37) 2-Methylnaphthalene	8.79	142	556628	35.657	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	232751	36.860	ng	98
40) Hexachlorocyclopentadiene	8.93	237	65918	18.647	ng	99

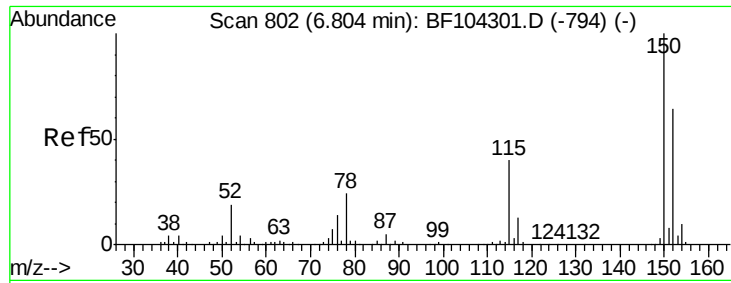
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104990.D
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 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	162048	36.968	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	172006	35.066	ng	96
45) 1,1'-Biphenyl	9.26	154	636656	34.357	ng	98
46) 2-Chloronaphthalene	9.28	162	507563	34.677	ng	99
47) 2-Nitroaniline	9.39	65	148768	41.099	ng	93
48) Acenaphthylene	9.70	152	757653	32.992	ng	99
49) Dimethylphthalate	9.56	163	747028	42.945	ng	100
50) 2,6-Dinitrotoluene	9.63	165	129901	40.358	ng	93
51) Acenaphthene	9.87	154	457523	32.653	ng	99
52) 3-Nitroaniline	9.80	138	119794	31.791	ng	96
53) 2,4-Dinitrophenol	9.91	184	28247	31.617	ng	# 25
54) Dibenzofuran	10.04	168	667884	34.203	ng	96
55) 4-Nitrophenol	9.97	139	173415	58.585	ng	96
56) 2,4-Dinitrotoluene	10.03	165	157289	37.254	ng	# 96
57) Fluorene	10.39	166	535740	37.693	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	129544	35.400	ng	93
59) Diethylphthalate	10.26	149	574544	33.164	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	240136	37.938	ng	97
61) 4-Nitroaniline	10.42	138	136390	37.018	ng	96
62) Azobenzene	10.53	77	505366	30.533	ng	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	29530	21.104	ng	89
65) n-Nitrosodiphenylamine	10.50	169	462600	35.742	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	146219	36.825	ng	95
67) Hexachlorobenzene	10.93	284	153486	34.354	ng	93
68) Atrazine	11.03	200	145414	37.221	ng	100
69) Pentachlorophenol	11.13	266	125829	45.524	ng	98
70) Phenanthrene	11.36	178	1286227	61.873	ng	99
71) Anthracene	11.40	178	829326	39.246	ng	99
72) Carbazole	11.56	167	701903	33.992	ng	100
73) Di-n-butylphthalate	11.88	149	855351	33.910	ng	99
74) Fluoranthene	12.55	202	1538644	70.841	ng	99
76) Benzidine	12.67	184	49410	2.689	ng	98
77) Pyrene	12.78	202	1390913	88.486	ng	99
79) Butylbenzylphthalate	13.39	149	306843	41.435	ng	98
80) Benzo(a)anthracene	14.00	228	1024100	80.835	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	132138	27.974	ng	# 96
82) Chrysene	14.04	228	899007	69.085	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	435305	45.700	ng	98
84) Di-n-octyl phthalate	14.64	149	650427	40.867	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.05	276	793670	71.797	ng	93
87) Benzo(b)fluoranthene	15.13	252	1157829	85.453	ng	97
88) Benzo(k)fluoranthene	15.15	252	636523	49.760	ng	99
89) Benzo(a)pyrene	15.50	252	917128	75.650	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	438405	44.030	ng	96
91) Benzo(g,h,i)perylene	17.50	276	684928	71.002	ng	95

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

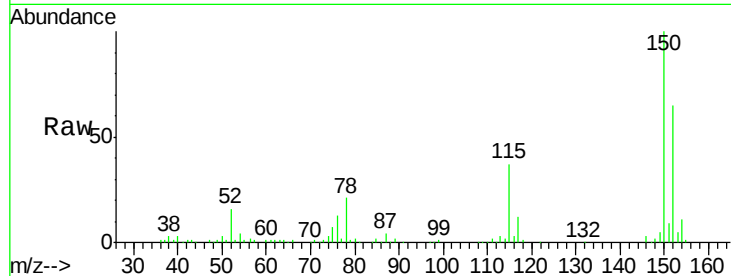


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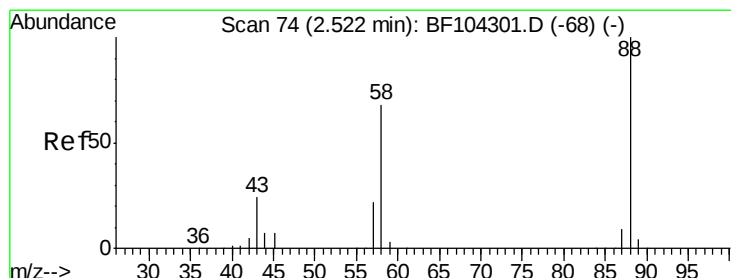
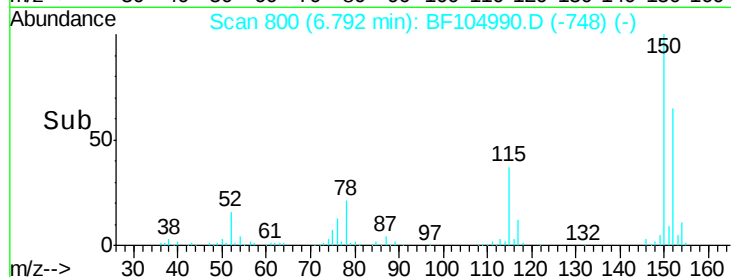
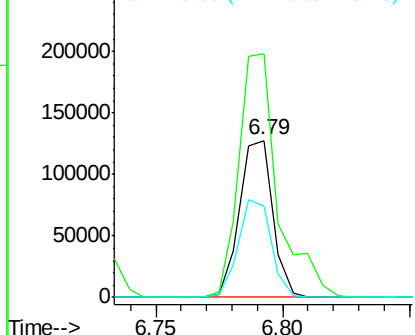
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion:152 Resp: 116459
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 57.8 50.1 75.1



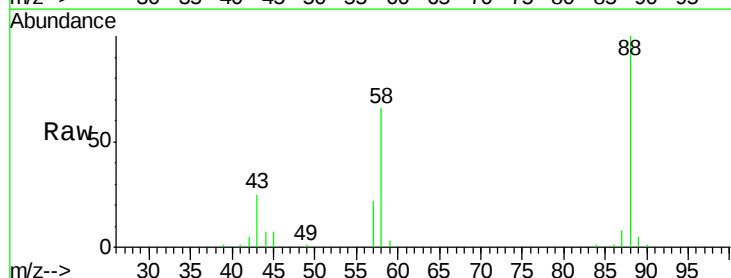
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



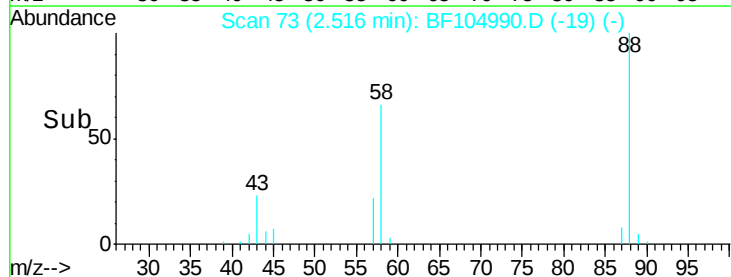
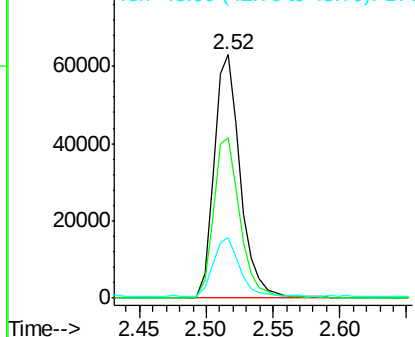
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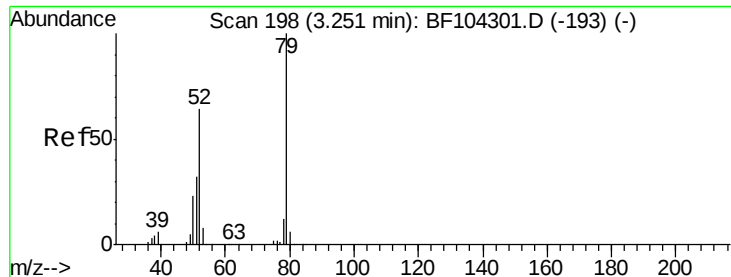
1,4-Dioxane
Concen: 24.541 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.02 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion: 88 Resp: 87094
Ion Ratio Lower Upper
88 100
58 65.9 62.6 93.8
43 24.6 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: 24.933 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.02 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

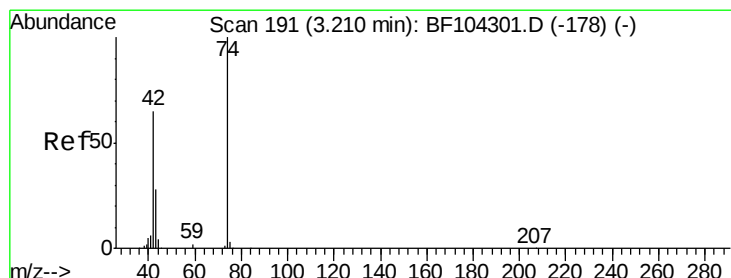
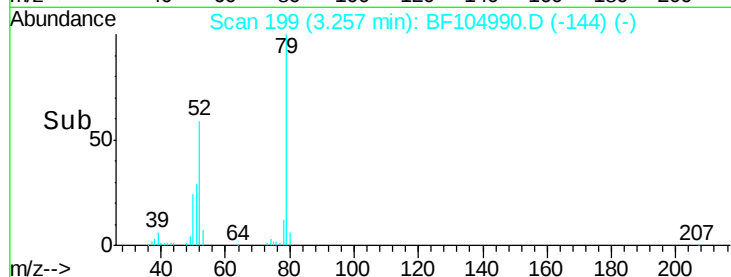
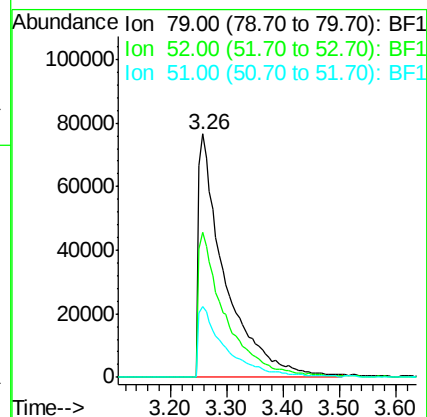
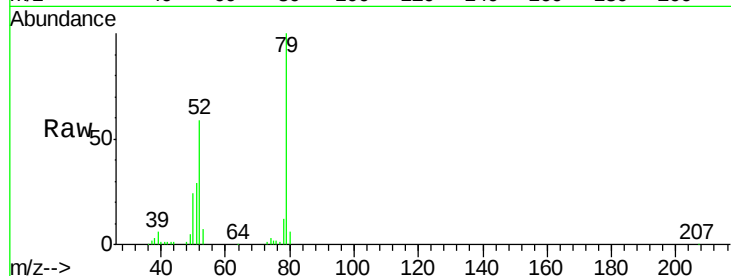
Tgt Ion: 79 Resp: 248783

Ion Ratio Lower Upper

79 100

52 59.3 59.8 89.6#

51 29.1 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 31.055 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

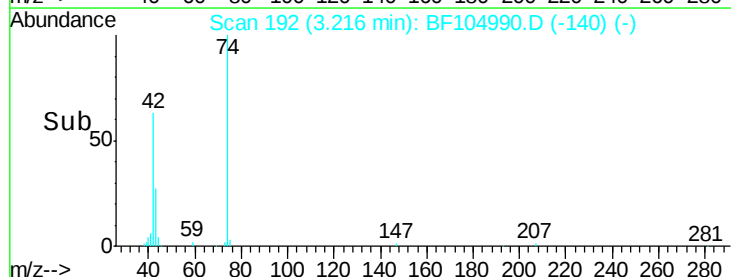
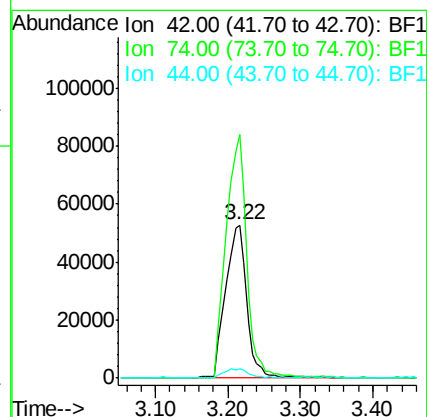
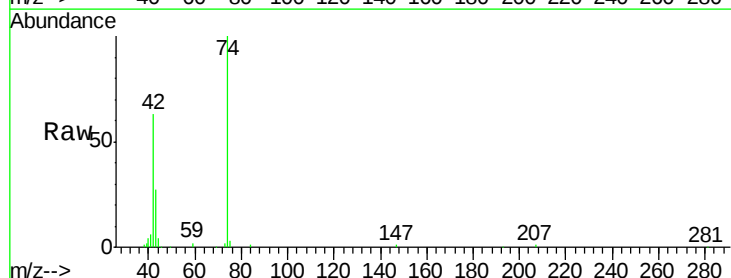
Tgt Ion: 42 Resp: 108319

Ion Ratio Lower Upper

42 100

74 158.9 104.9 157.3#

44 6.5 6.9 10.3#

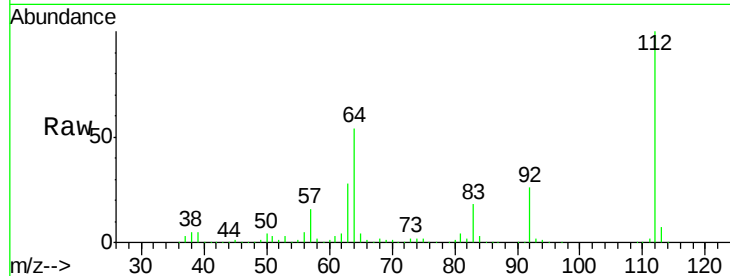




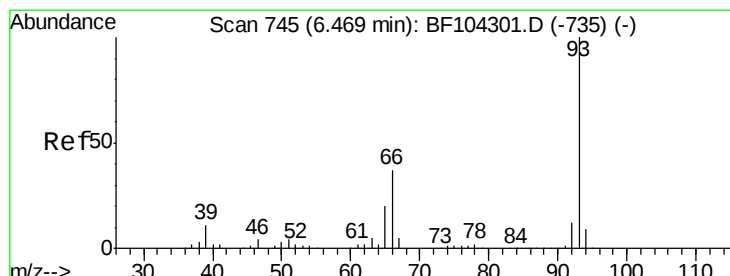
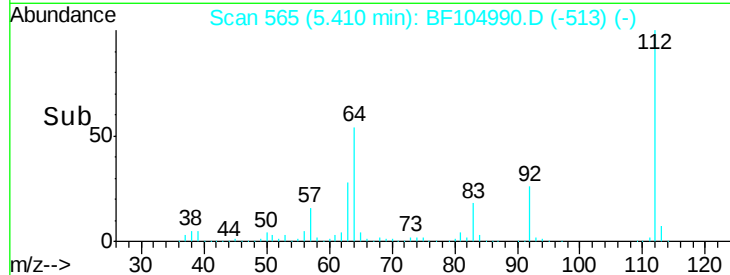
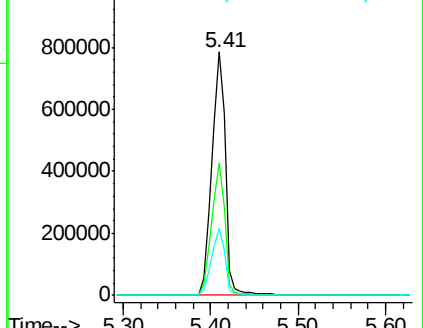
#5
 2-Fluorophenol
 Concen: 112.418 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion: 112 Resp: 856219
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.9 71.9
 63 27.6 23.7 35.5

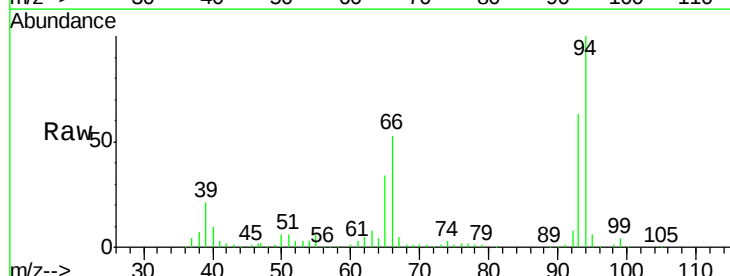


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

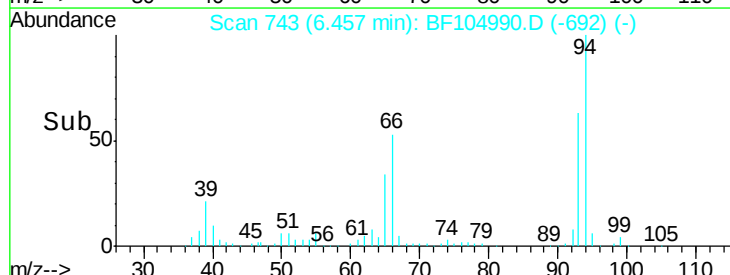
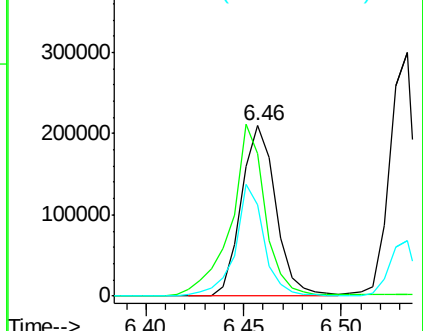


#6
 Aniline
 Concen: 19.840 ng
 RT: 6.46 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion: 93 Resp: 257947
 Ion Ratio Lower Upper
 93 100
 66 83.7 32.2 48.2#
 65 53.9 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: 113.499 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

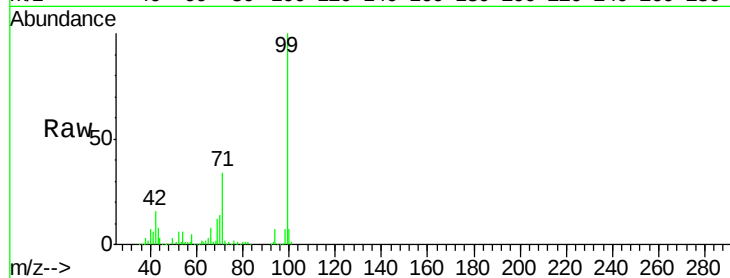
Tgt Ion: 99 Resp: 1062133

Ion Ratio Lower Upper

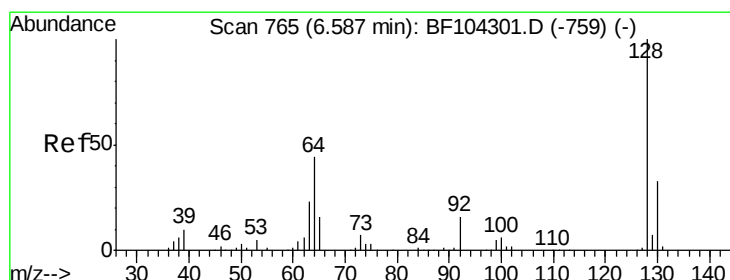
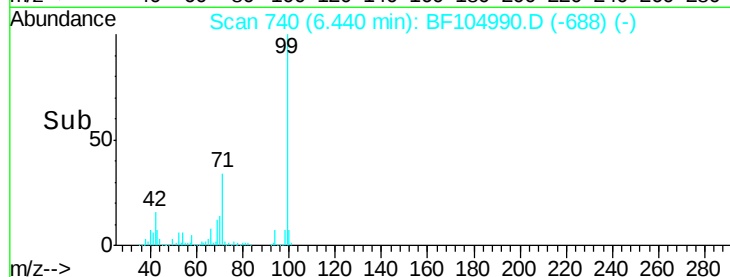
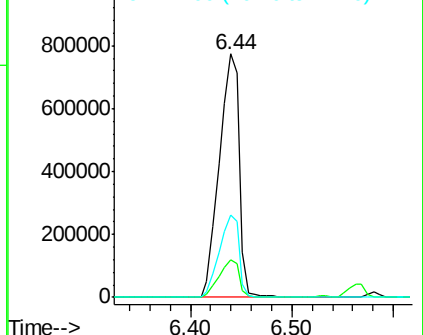
99 100

42 15.6 14.5 21.7

71 33.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 35.281 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

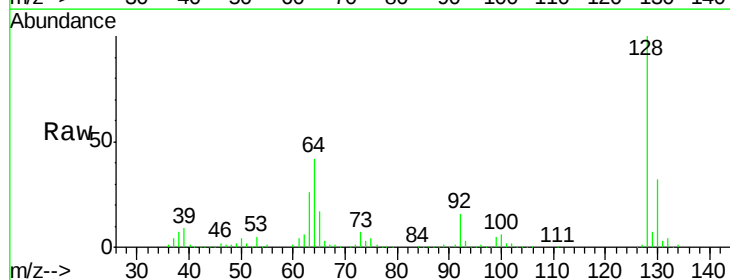
Tgt Ion: 128 Resp: 283621

Ion Ratio Lower Upper

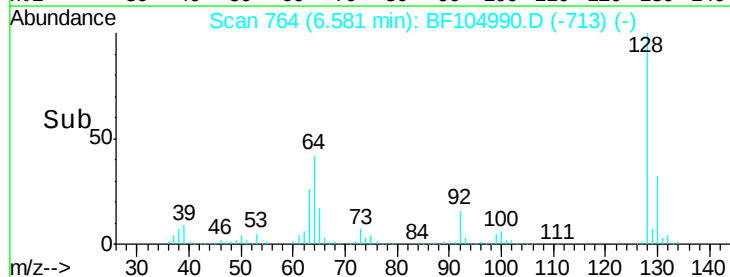
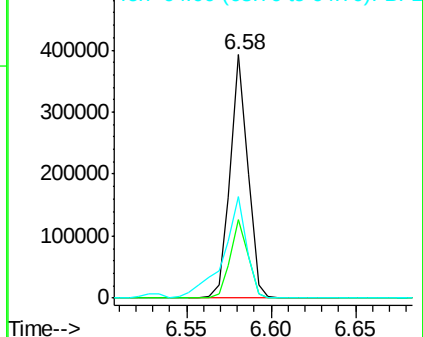
128 100

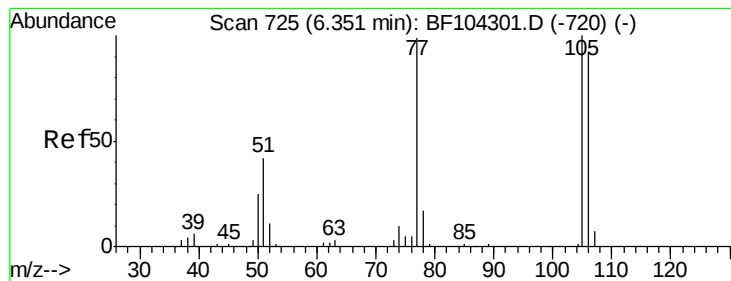
130 32.1 13.0 53.0

64 41.7 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: 19.998 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

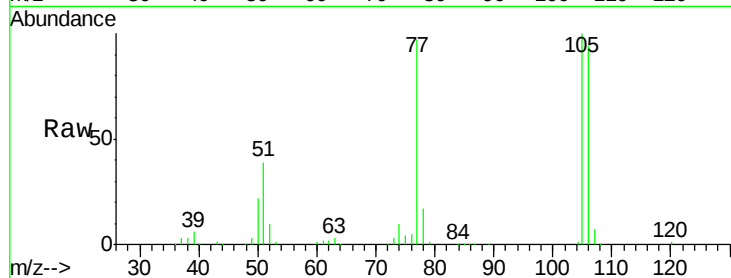
Tgt Ion: 77 Resp: 112459

Ion Ratio Lower Upper

77 100

105 103.1 81.1 121.1

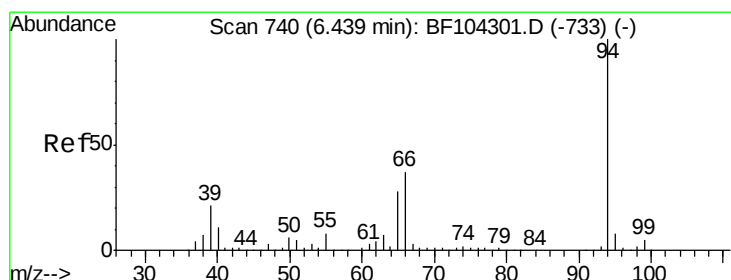
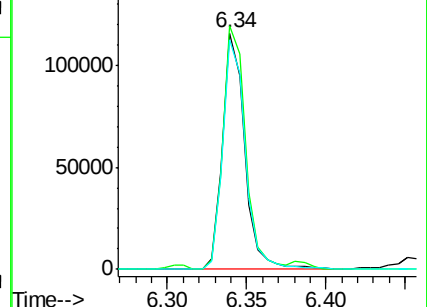
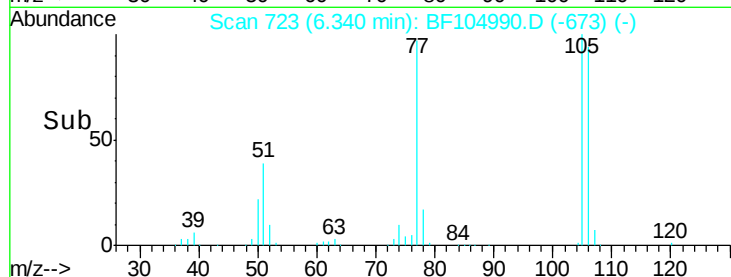
106 97.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.526 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

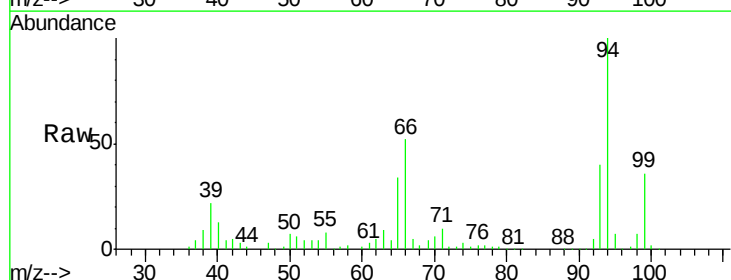
Tgt Ion: 94 Resp: 352743

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

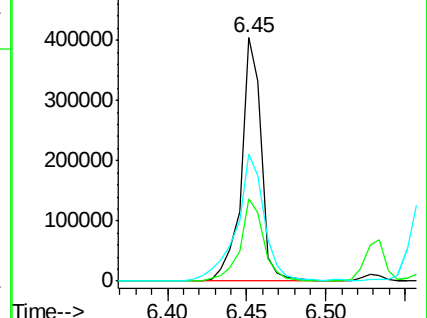
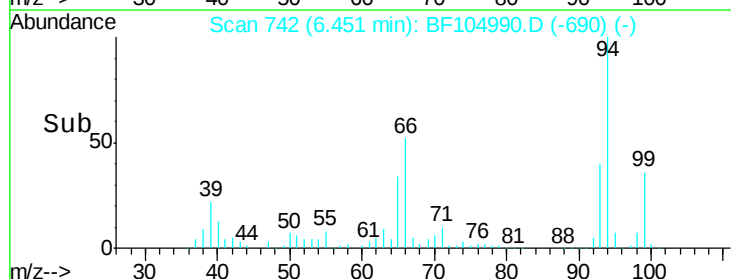
66 52.4 16.2 56.2

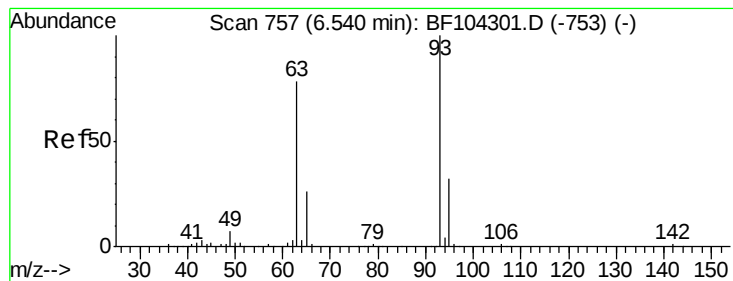


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.138 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

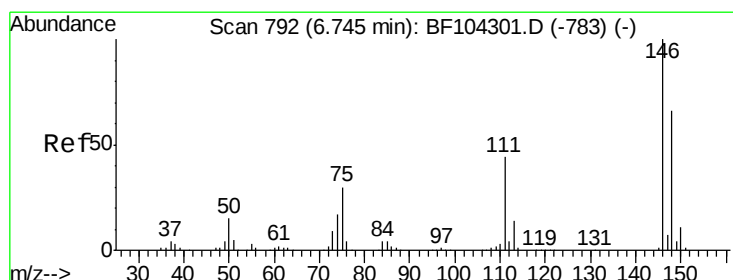
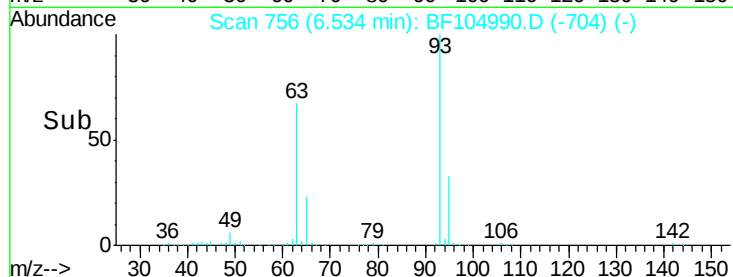
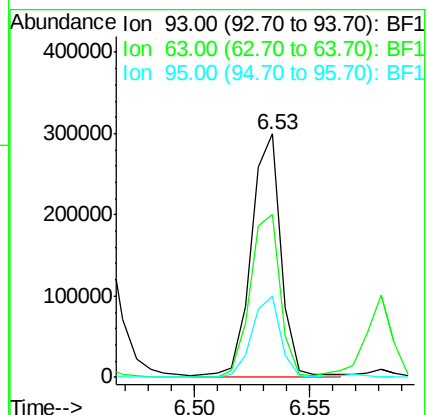
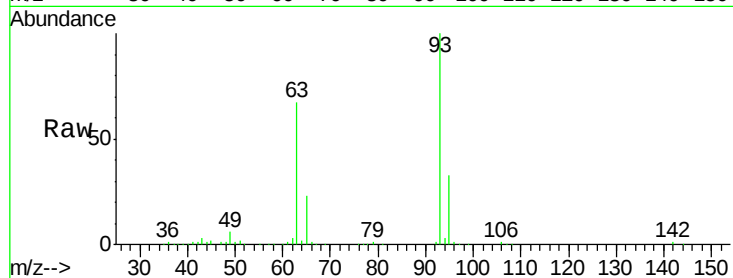
Tgt Ion: 93 Resp: 270500

Ion Ratio Lower Upper

93 100

63 66.8 58.6 98.6

95 33.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 32.214 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

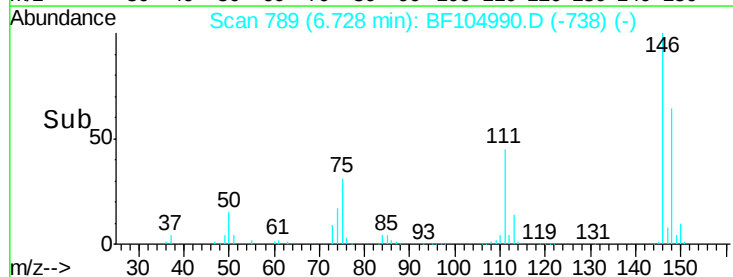
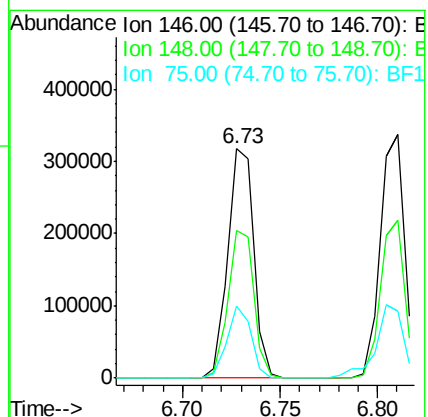
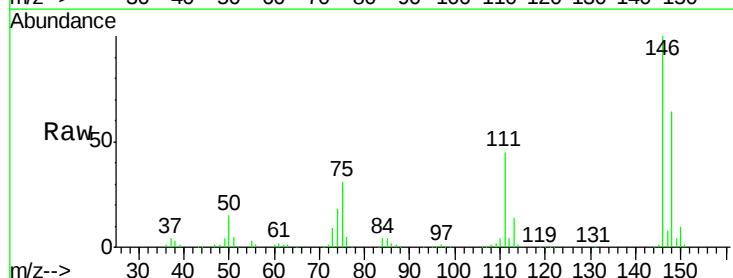
Tgt Ion: 146 Resp: 293379

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 31.5 24.2 36.4

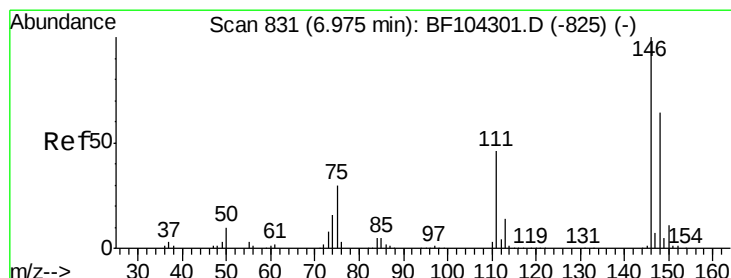
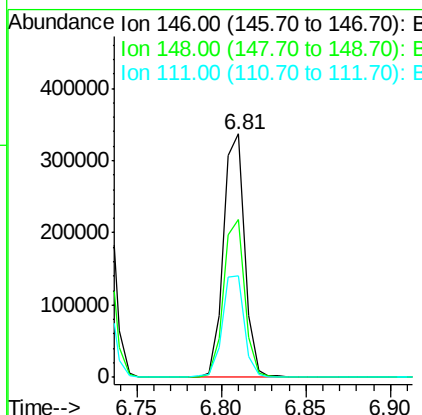
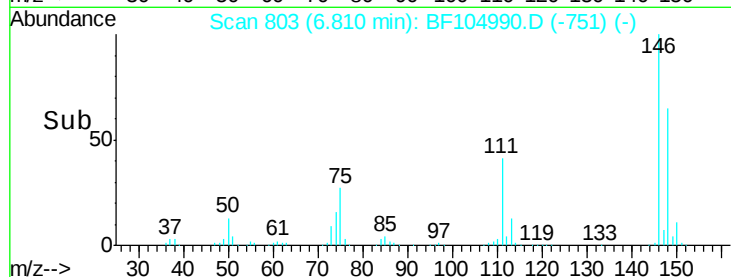
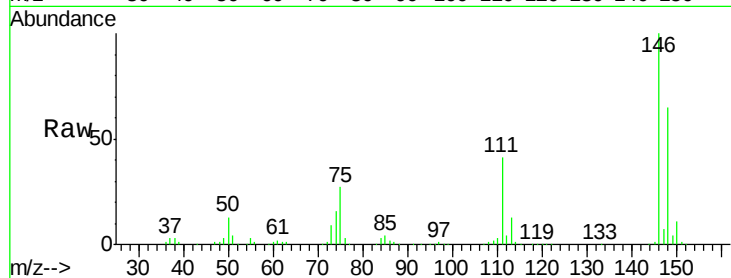




#13
 1,4-Dichlorobenzene
 Concen: 32.581 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

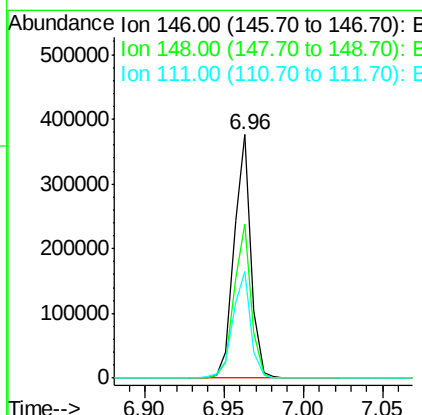
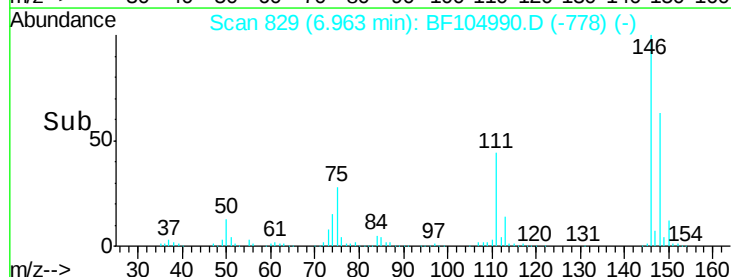
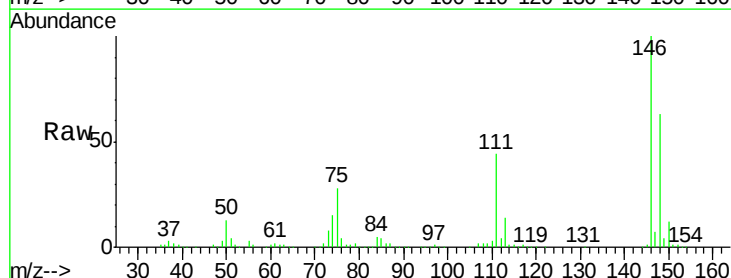
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

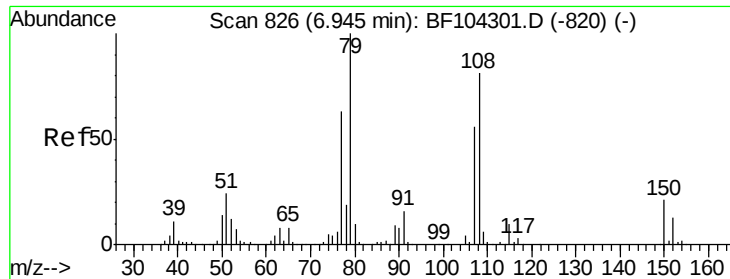
Tgt Ion:146 Resp: 295783
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 41.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.916 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion:146 Resp: 276917
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 43.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 31.646 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

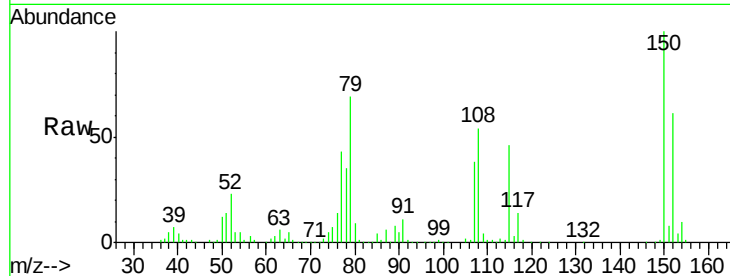
Tgt Ion: 79 Resp: 224932

Ion Ratio Lower Upper

79 100

108 77.9 65.1 97.7

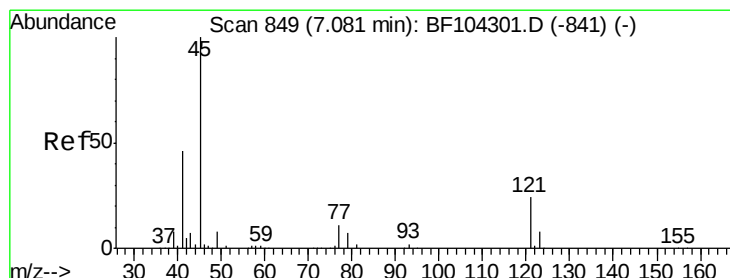
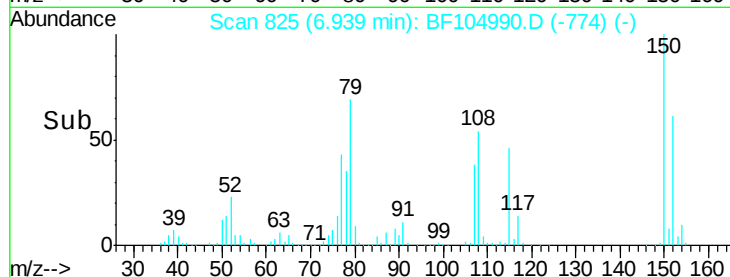
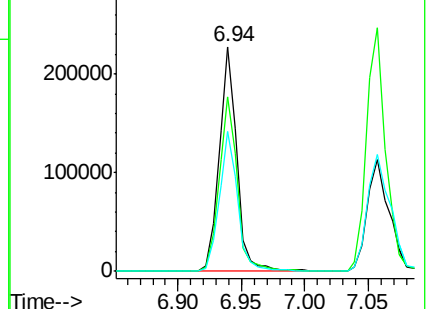
77 62.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.986 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

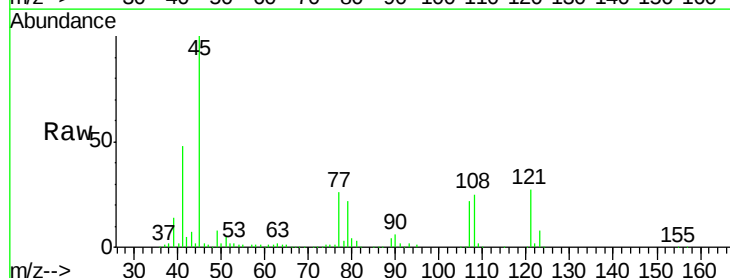
Tgt Ion: 45 Resp: 297797

Ion Ratio Lower Upper

45 100

77 26.2 0.0 32.9

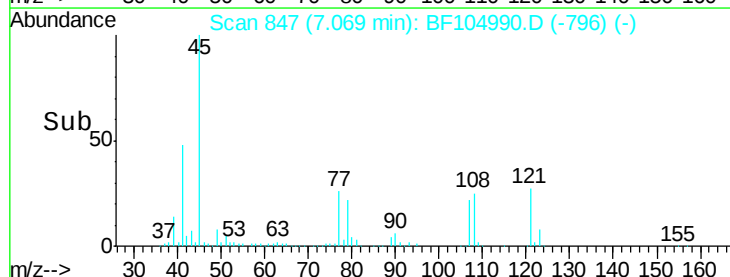
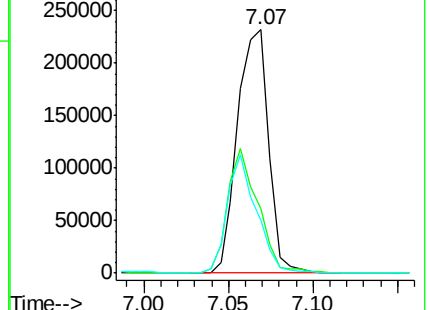
79 21.7 0.0 29.6

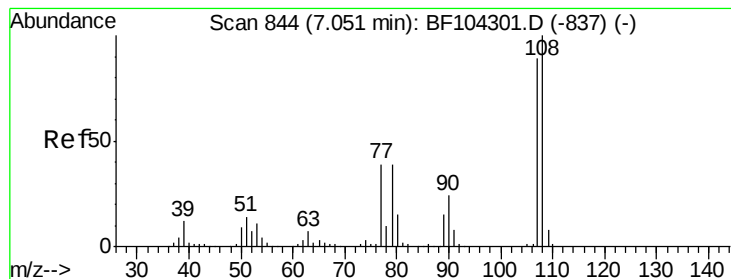


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

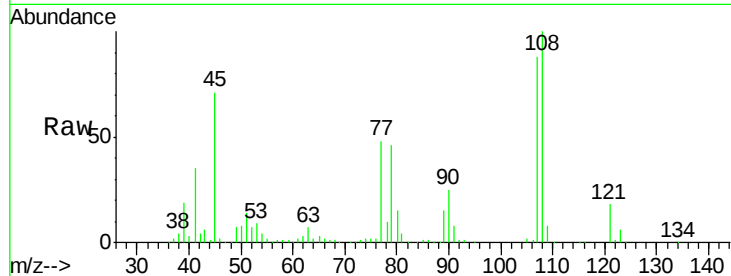




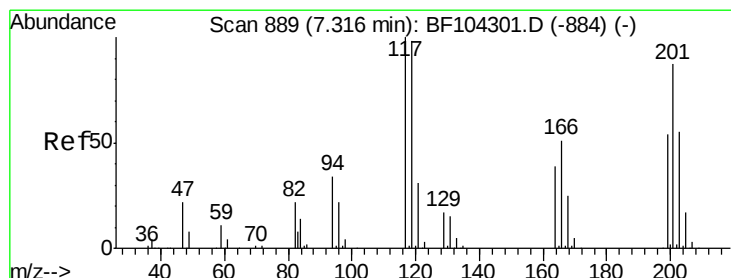
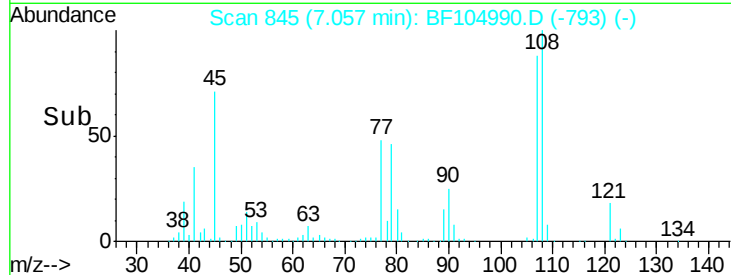
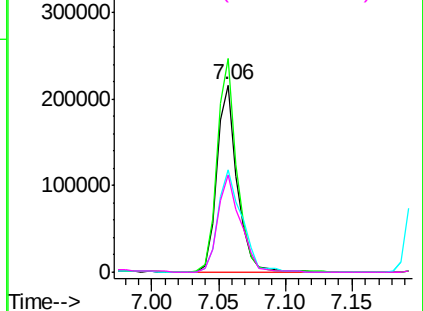
#17
2-Methylphenol
Concen: 33.192 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion:107 Resp: 231937
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 54.7 33.8 50.8#
79 52.2 33.8 50.8#

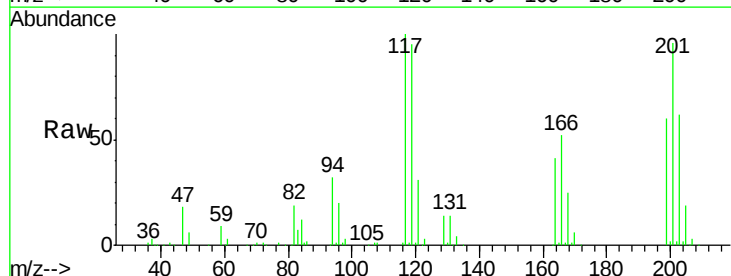


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

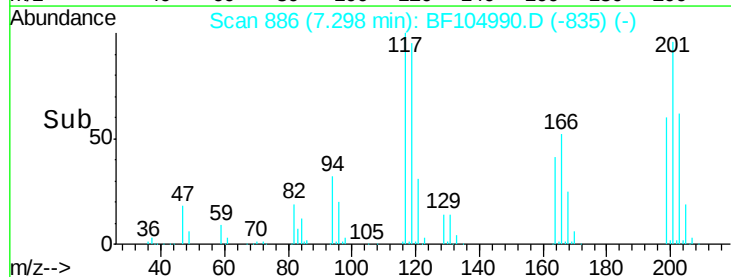
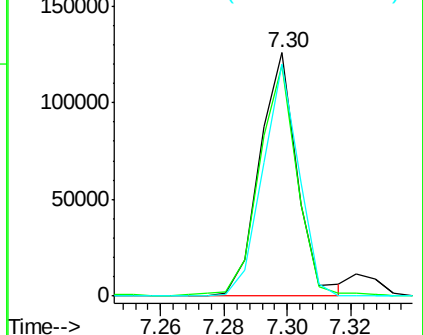


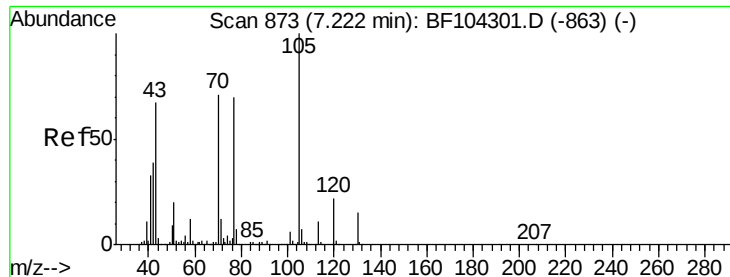
#18
Hexachloroethane
Concen: 31.973 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:117 Resp: 103489
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 95.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

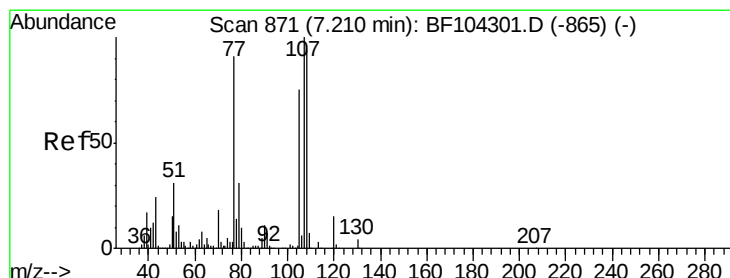
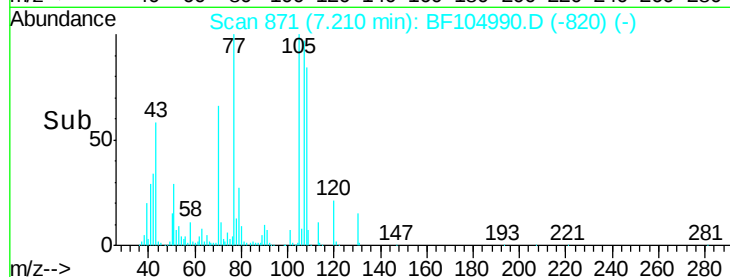
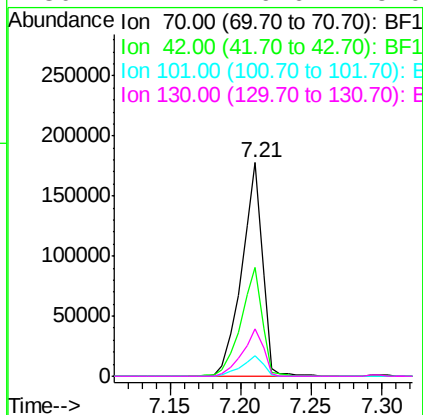
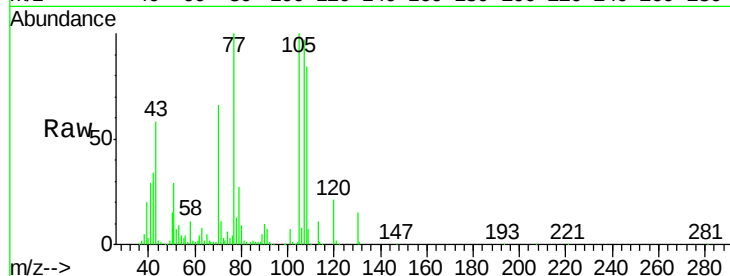




#19
n-Nitroso-di-n-propylamine
Concen: 29.740 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

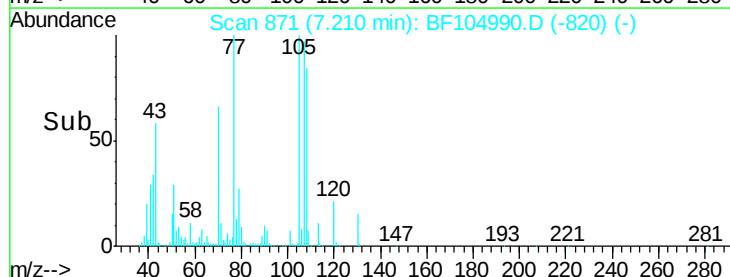
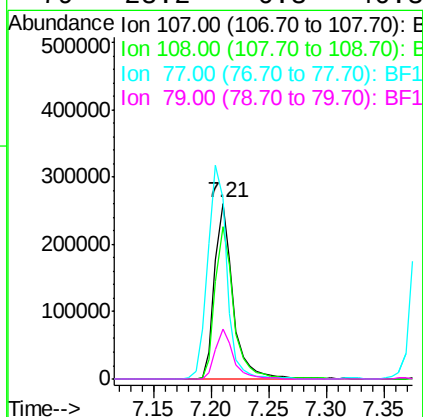
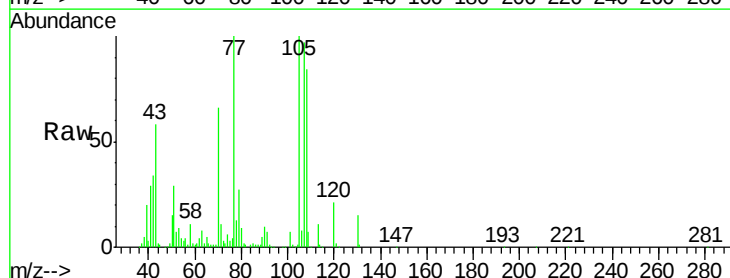
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

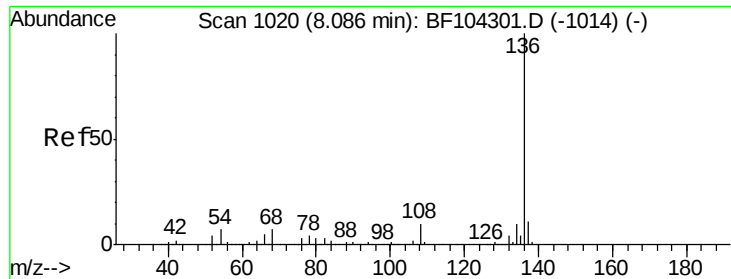
Tgt Ion: 70 Resp: 181863
Ion Ratio Lower Upper
70 100
42 51.0 47.5 71.3
101 9.8 7.4 11.2
130 22.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.272 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion: 107 Resp: 288356
Ion Ratio Lower Upper
107 100
108 86.5 68.2 108.2
77 102.5 26.7 66.7#
79 28.2 6.3 46.3

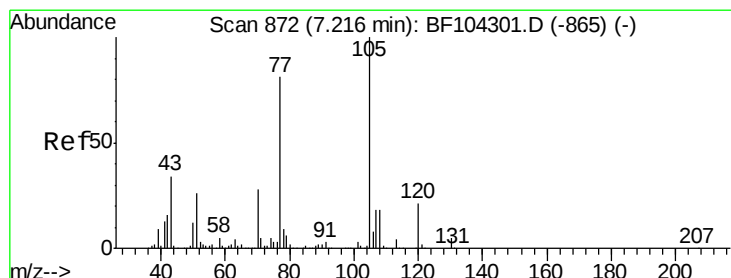
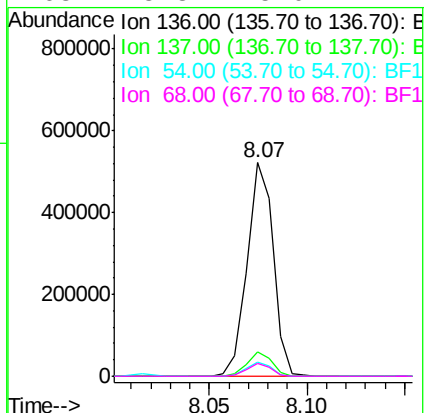
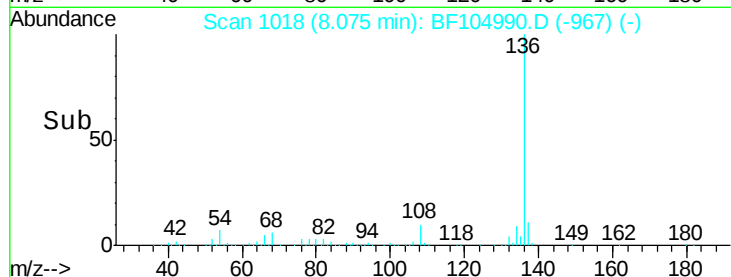
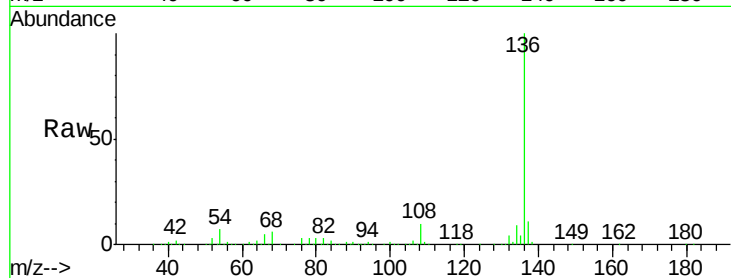




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

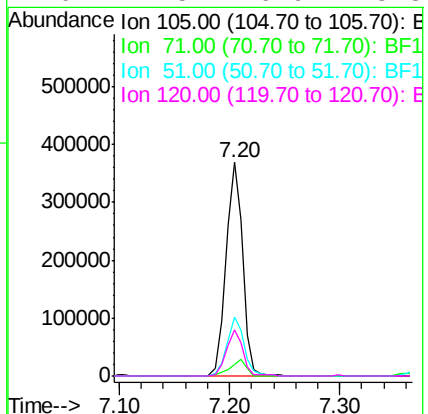
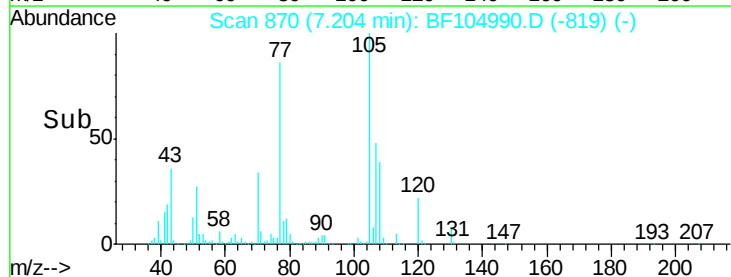
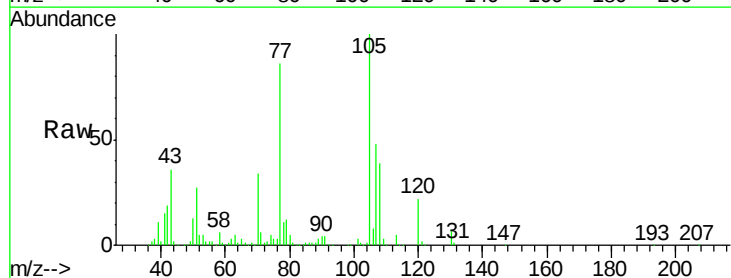
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

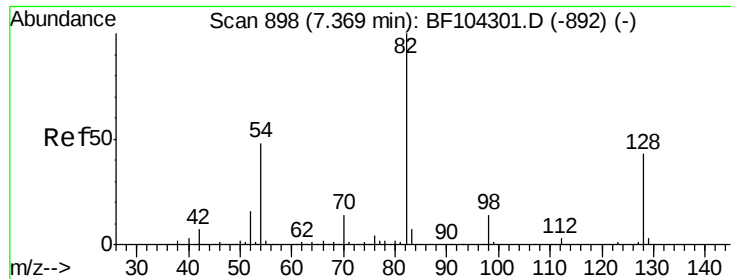
Tgt Ion:	136	Resp:	484659
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4



#22
Acetophenone
Concen: 32.684 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:	105	Resp:	389982
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.4	6.6
51	27.3	22.3	33.5
120	21.5	16.9	25.3

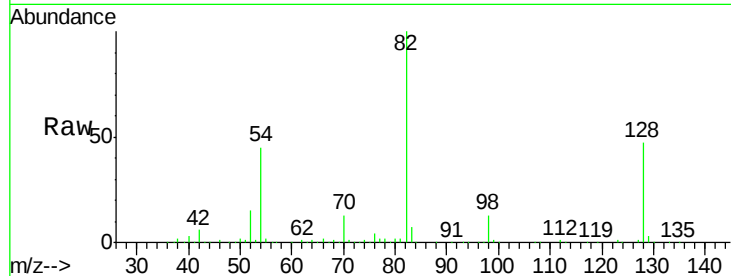




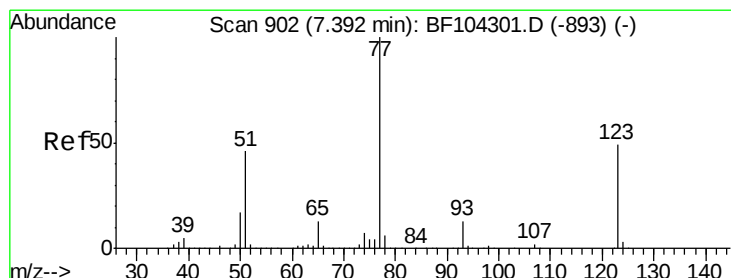
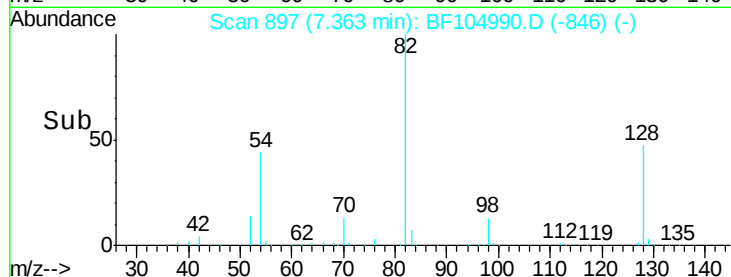
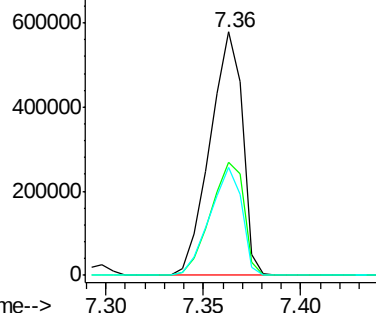
#23
Nitrobenzene-d5
Concen: 89.857 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion: 82 Resp: 666940
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 44.6 41.4 62.2

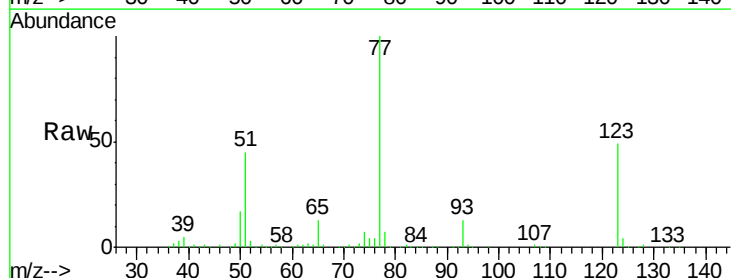


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

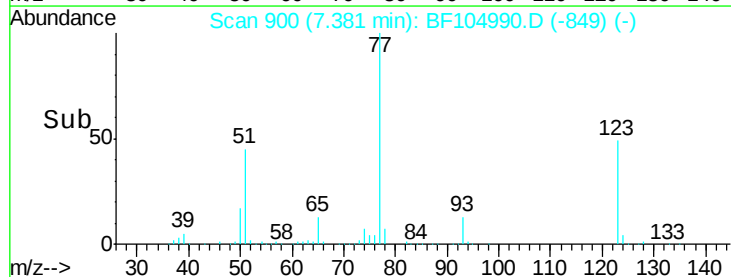
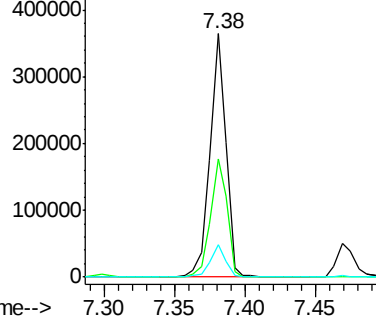


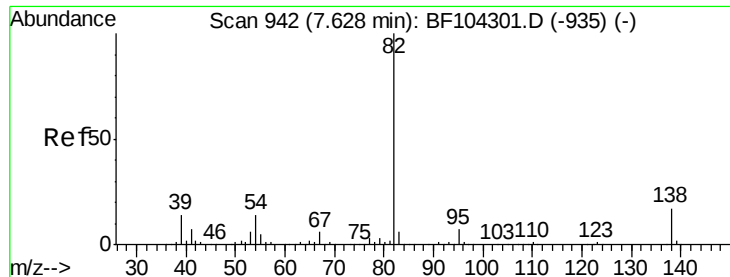
#24
Nitrobenzene
Concen: 34.908 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion: 77 Resp: 286061
Ion Ratio Lower Upper
77 100
123 48.6 37.9 56.9
65 13.2 11.0 16.4



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





#25

Isophorone

Concen: 33.471 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

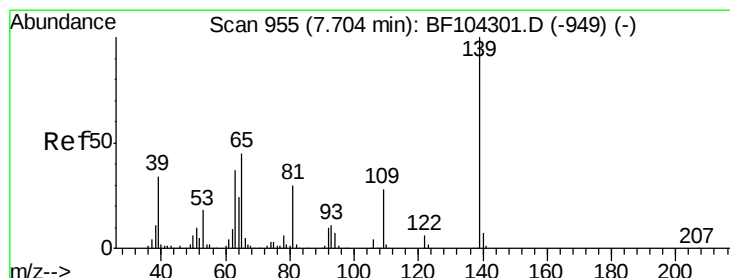
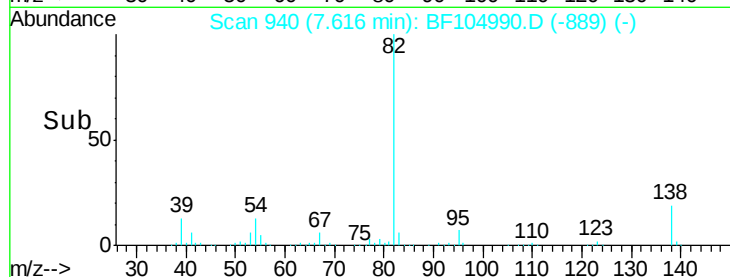
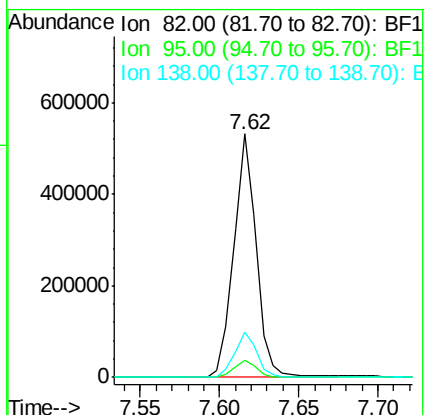
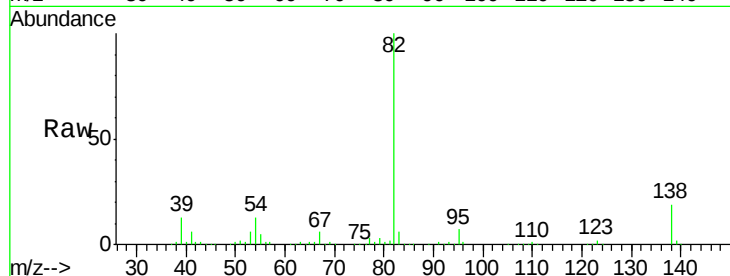
Tgt Ion: 82 Resp: 525333

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 45.993 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

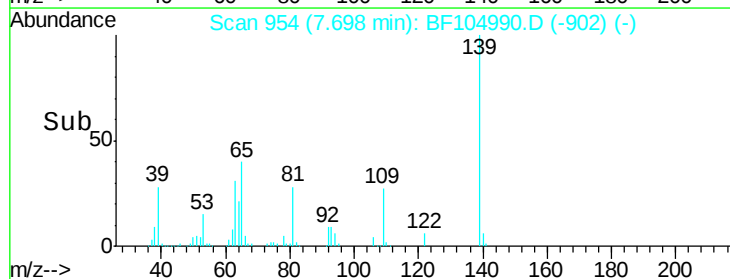
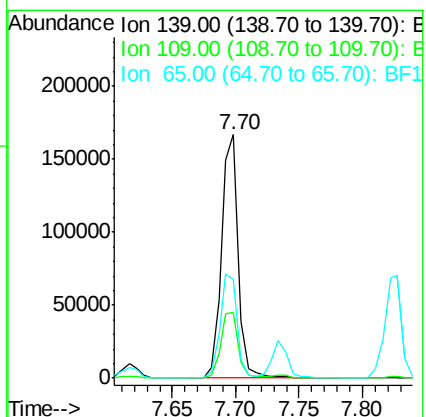
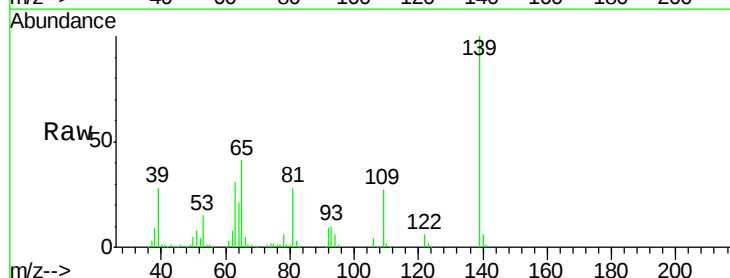
Tgt Ion: 139 Resp: 153436

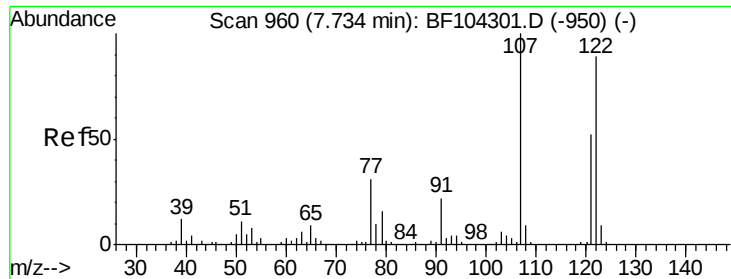
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 40.7 40.5 60.7

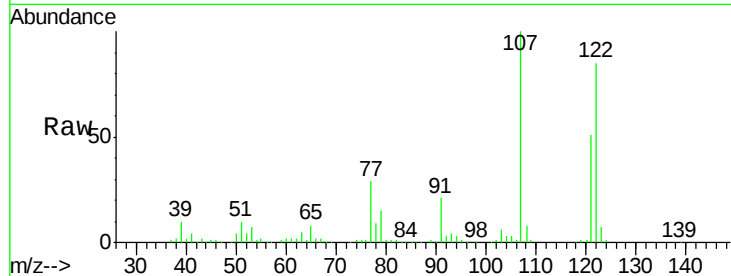




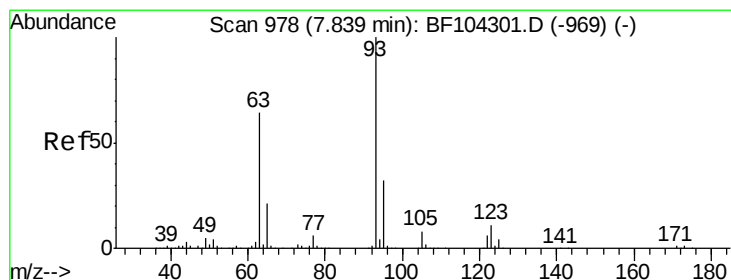
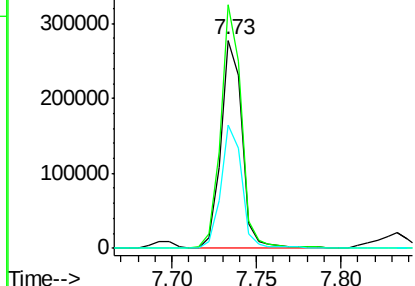
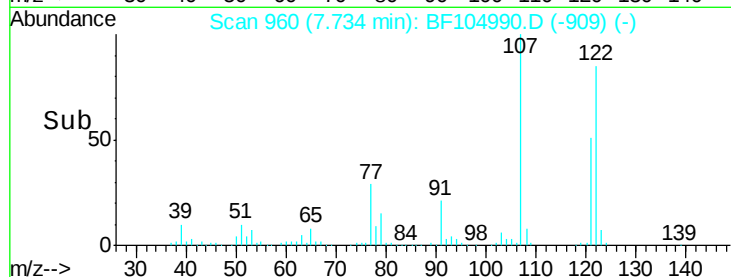
#27
2,4-Dimethylphenol
Concen: 35.358 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion:122 Resp: 244921
Ion Ratio Lower Upper
122 100
107 117.1 91.2 136.8
121 59.2 47.2 70.8

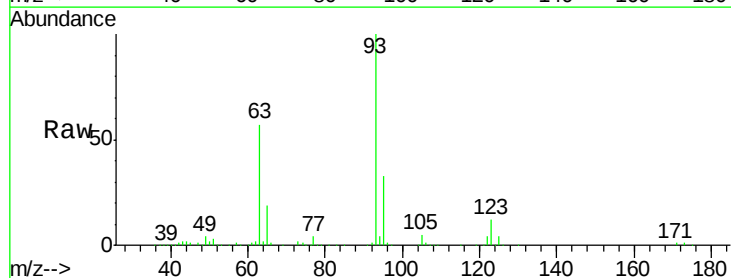


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

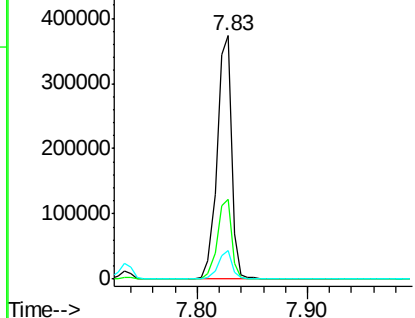
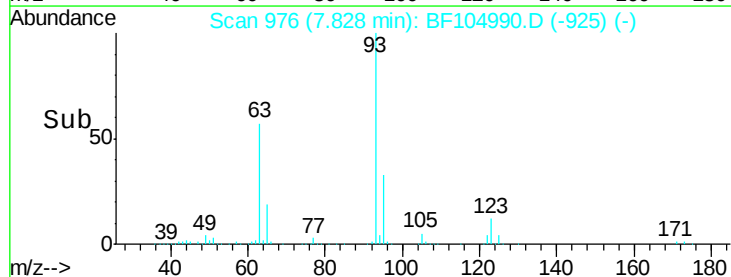


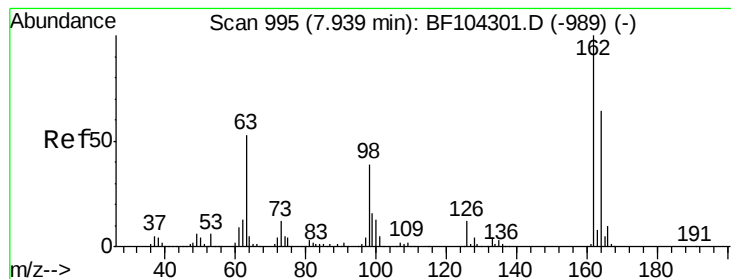
#28
bis(2-Chloroethoxy)methane
Concen: 35.565 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion: 93 Resp: 341298
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.7 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: 37.467 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

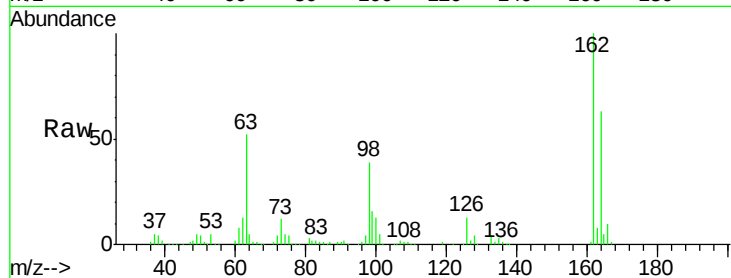
Tgt Ion:162 Resp: 247629

Ion Ratio Lower Upper

162 100

164 63.1 42.7 82.7

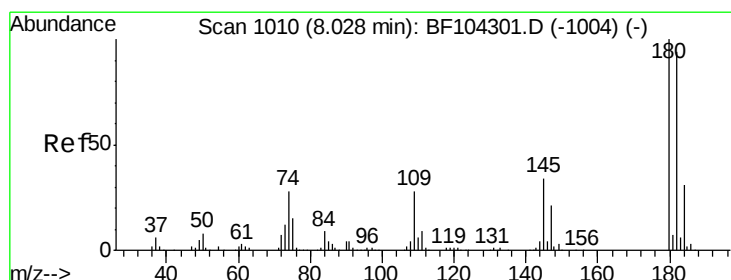
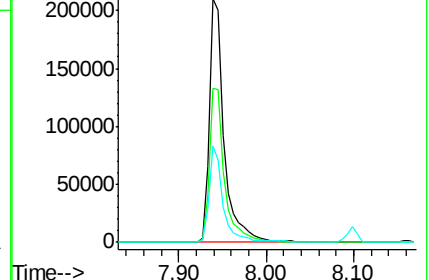
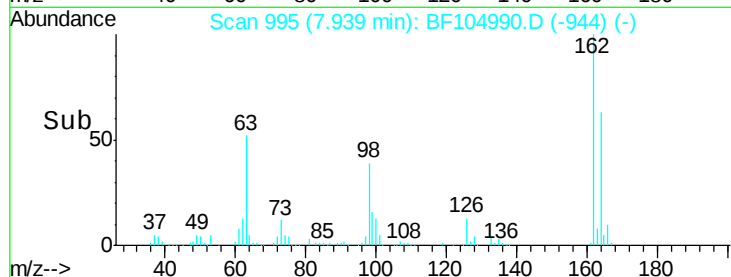
98 39.4 18.1 58.1



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: 34.022 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

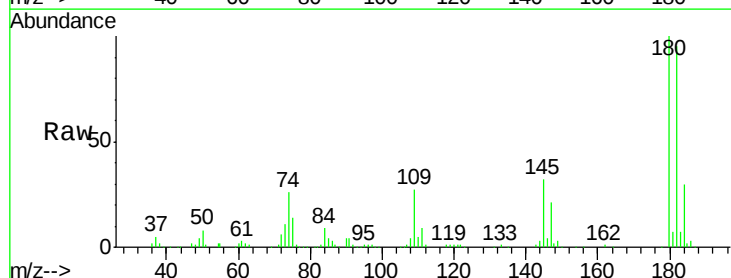
Tgt Ion:180 Resp: 246773

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

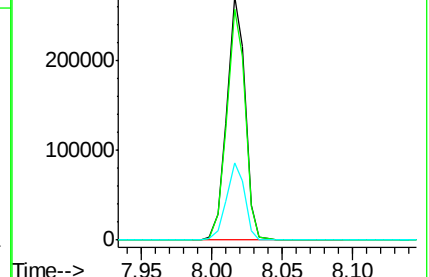
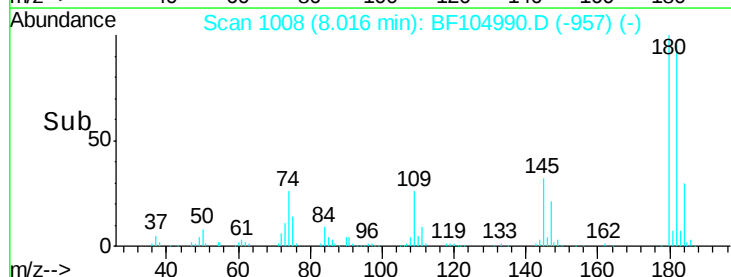
145 31.6 26.5 39.7

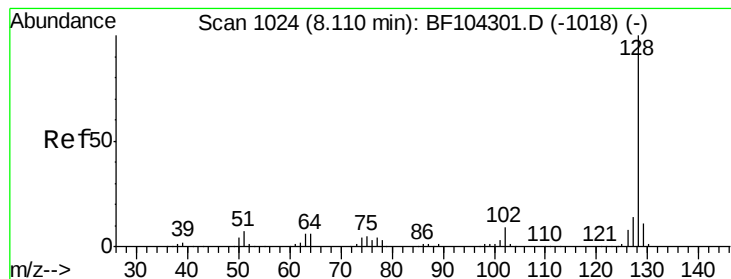


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.973 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

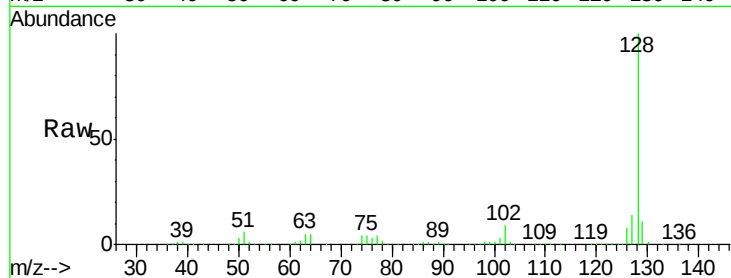
Tgt Ion:128 Resp: 844009

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

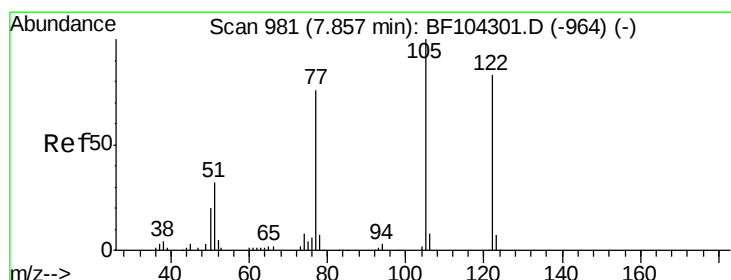
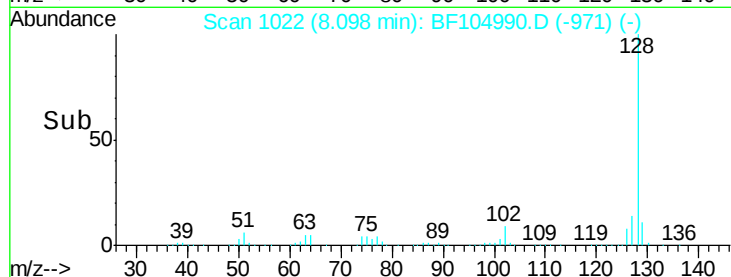
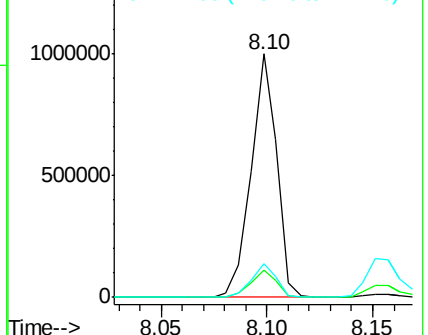
127 13.7 10.9 16.3



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: 6.445 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.06 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

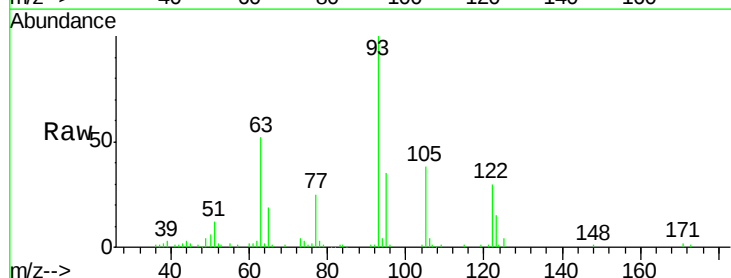
Tgt Ion:122 Resp: 35619

Ion Ratio Lower Upper

122 100

105 124.5 101.1 141.1

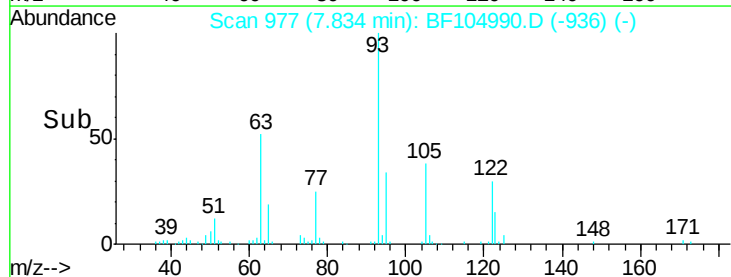
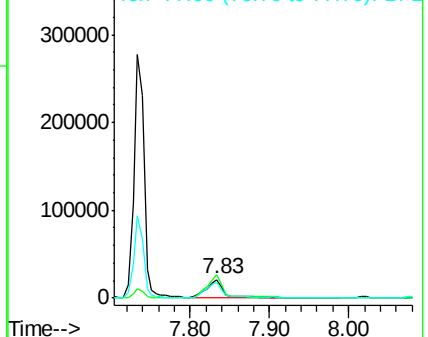
77 83.9 70.7 110.7

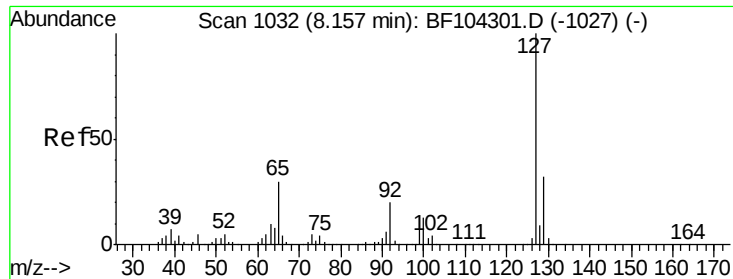


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

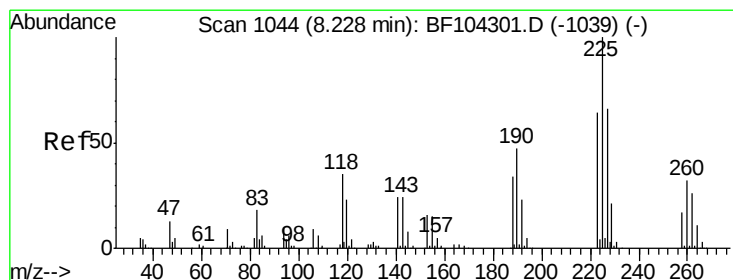
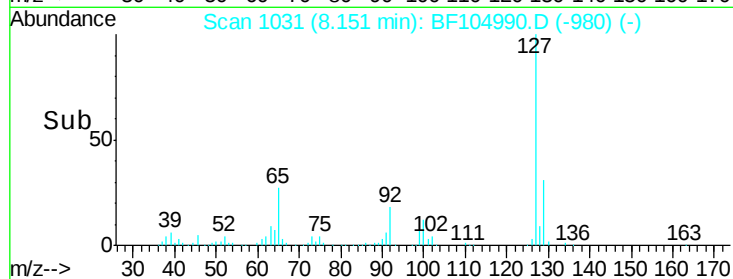
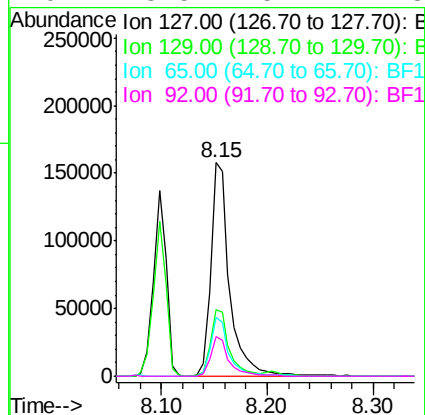
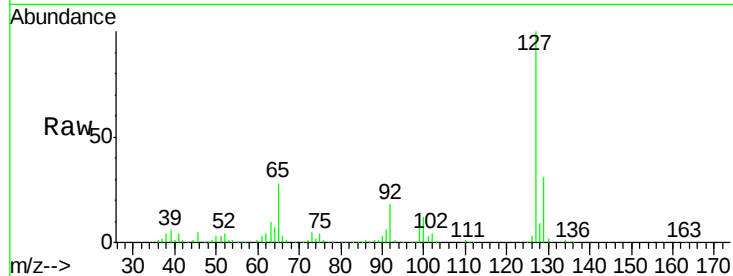




#33
4-Chloroaniline
Concen: 19.066 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

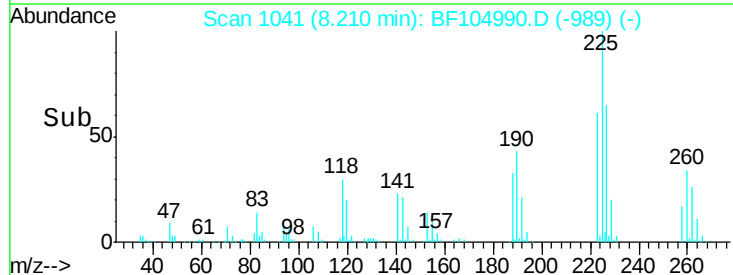
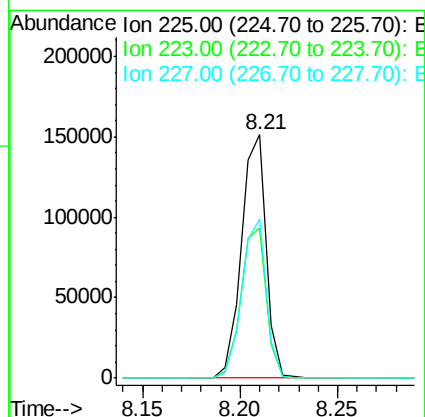
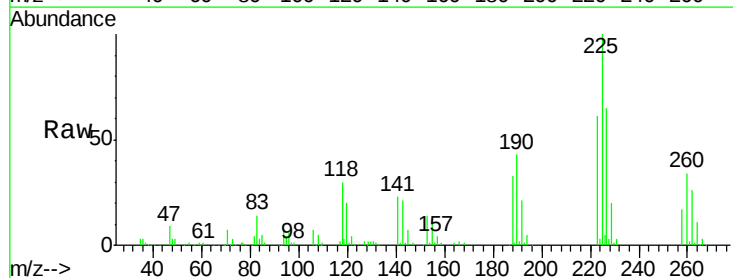
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

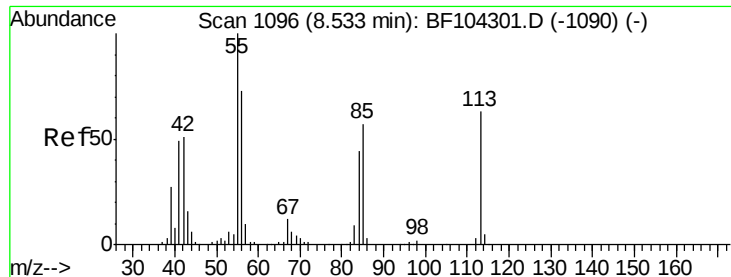
Tgt Ion:	127	Resp:	197126
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	27.5	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 33.441 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:	225	Resp:	132859
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	65.4	51.9	77.9

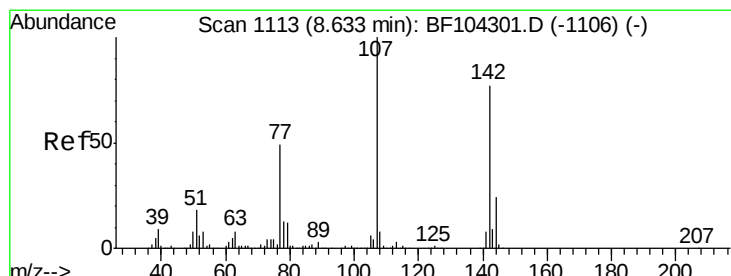
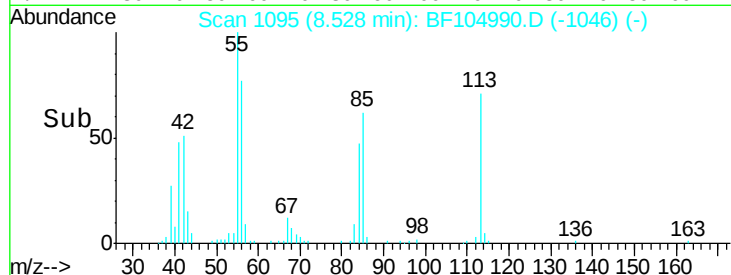
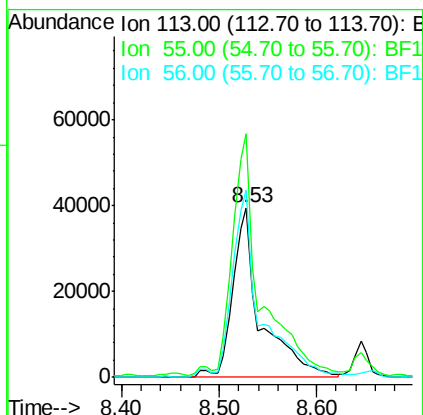
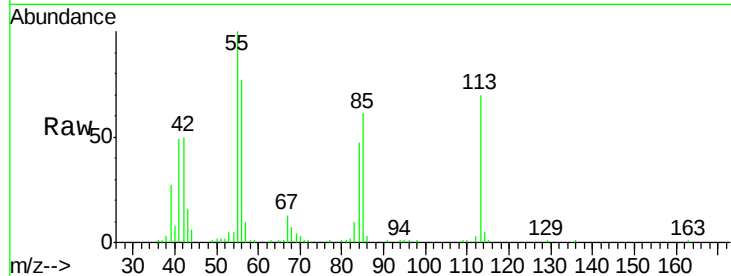




#35
 Caprolactam
 Concen: 34.344 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

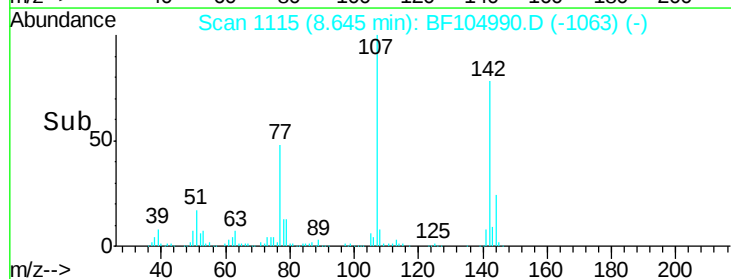
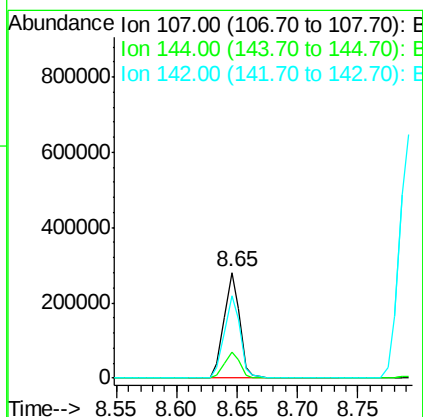
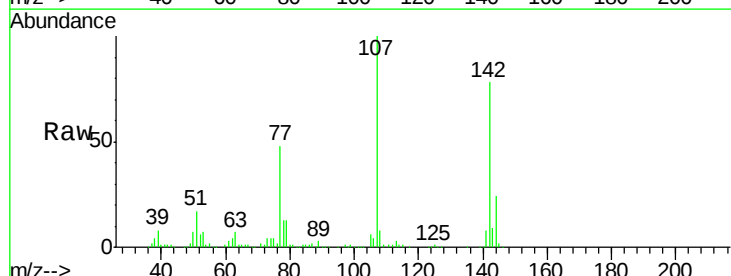
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

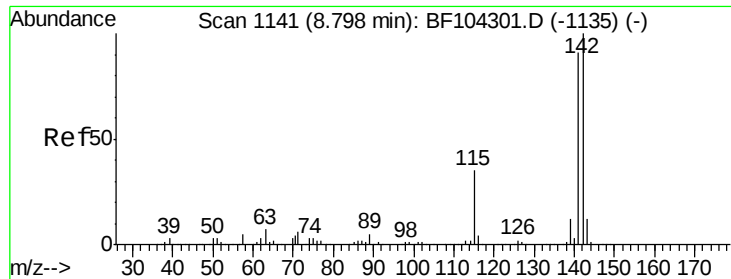
Tgt Ion:113 Resp: 79186
 Ion Ratio Lower Upper
 113 100
 55 143.3 163.3 203.3#
 56 110.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 35.917 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion:107 Resp: 254543
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 78.0 62.0 93.0

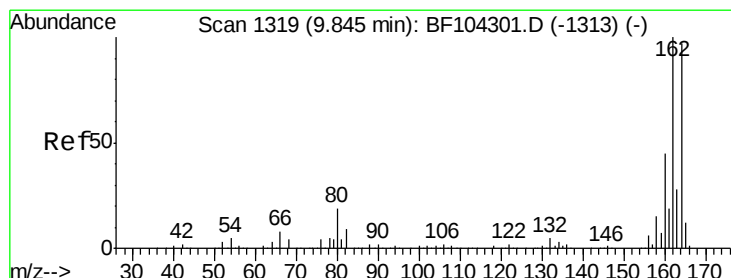
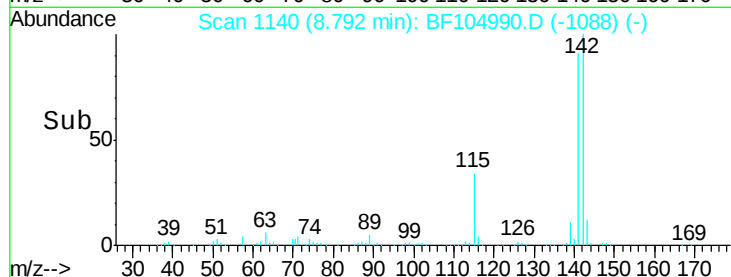
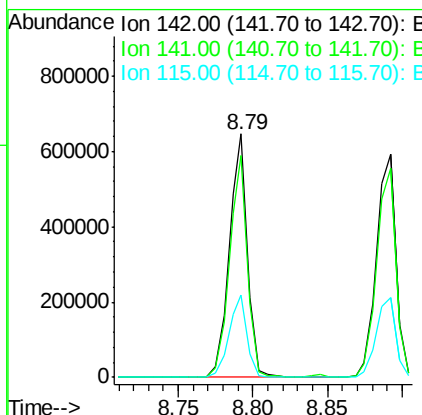
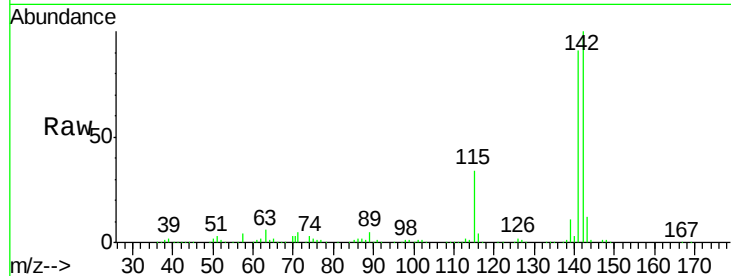




#37
2-Methylnaphthalene
Concen: 35.657 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

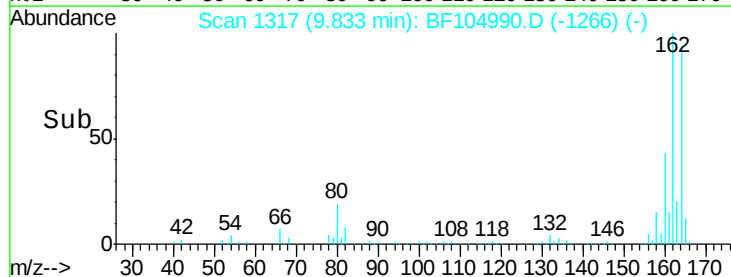
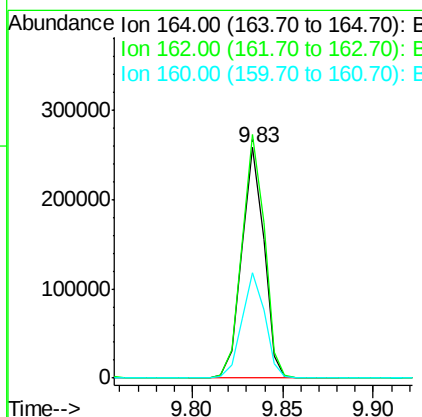
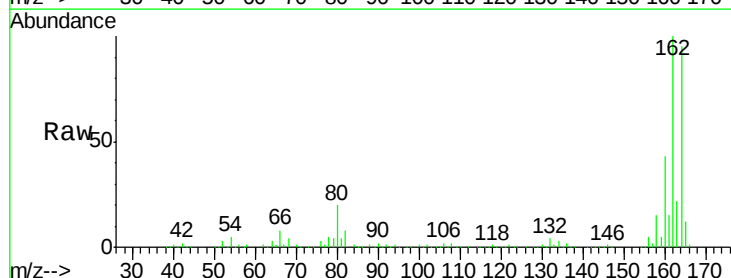
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

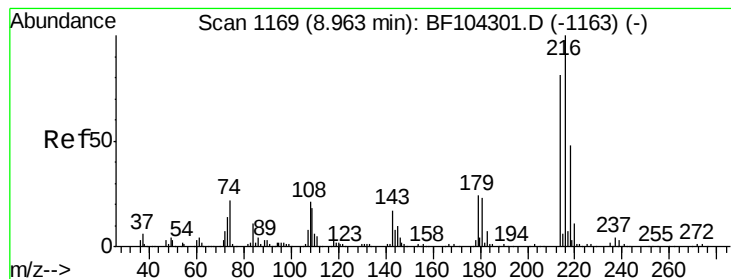
Tgt Ion:142 Resp: 556628
Ion Ratio Lower Upper
142 100
141 91.0 70.8 106.2
115 34.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:164 Resp: 220587
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 45.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.860 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:216 Resp: 232751

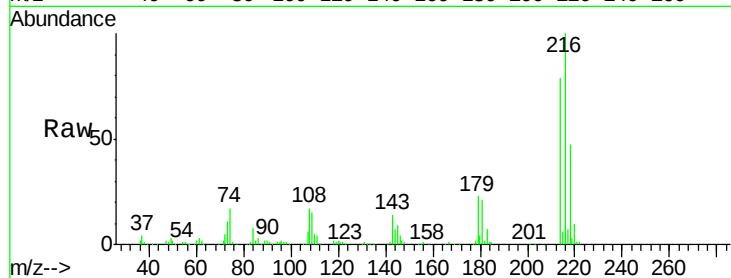
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 22.5 18.1 27.1

108 19.5 17.2 25.8

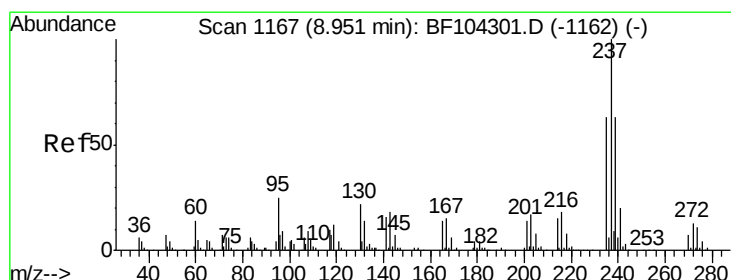
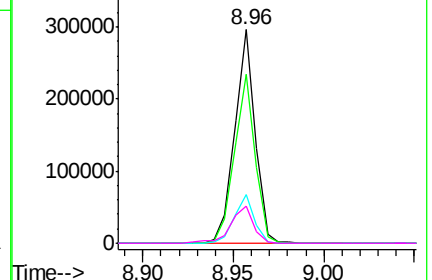
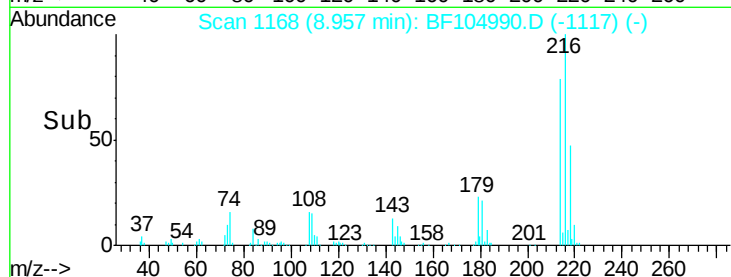


Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.647 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

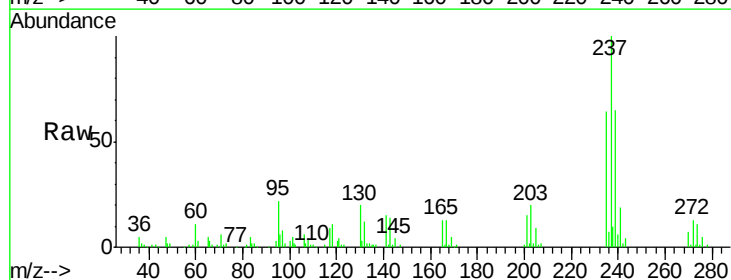
Tgt Ion:237 Resp: 65918

Ion Ratio Lower Upper

237 100

235 64.3 44.8 84.8

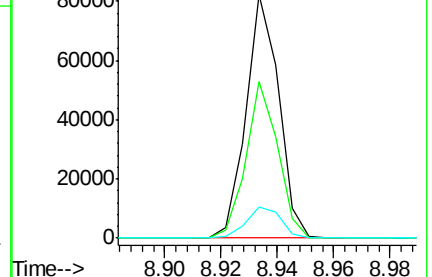
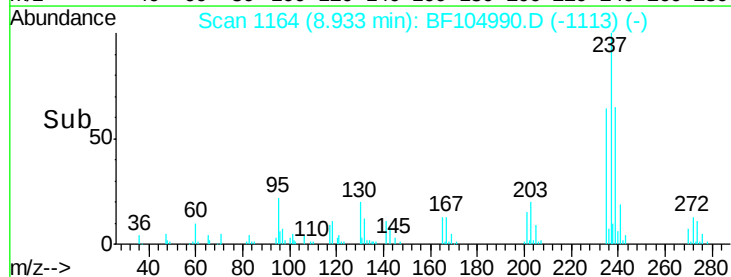
272 13.0 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

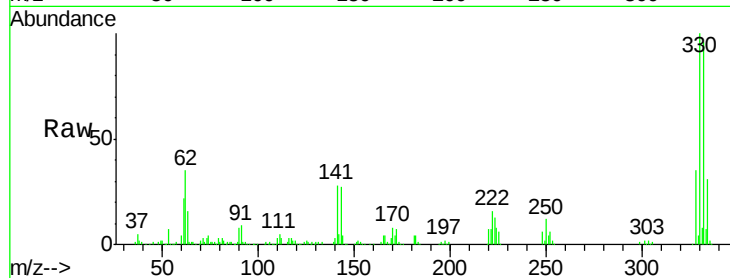




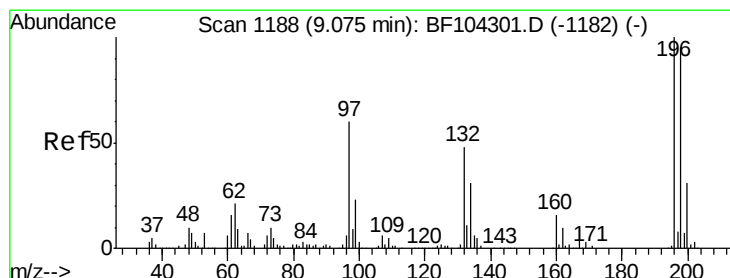
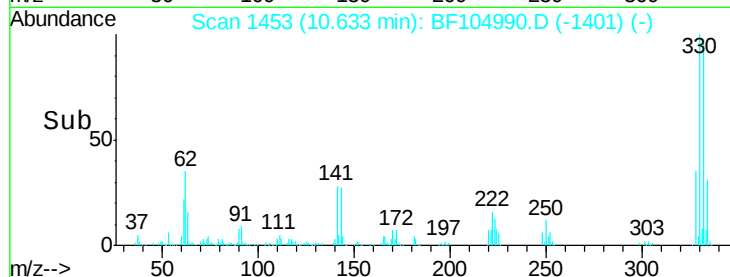
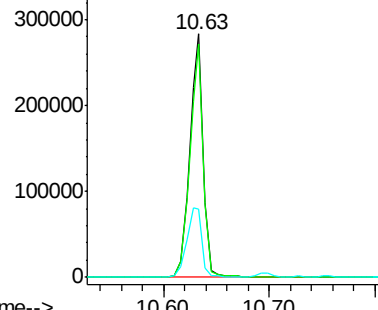
#41
 2,4,6-Tribromophenol
 Concen: 112.206 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion:330 Resp: 256750
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.9 29.9 44.9

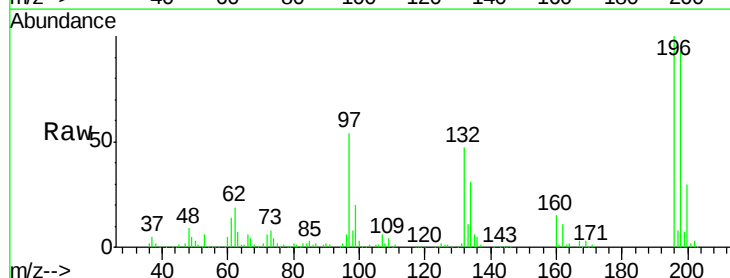


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

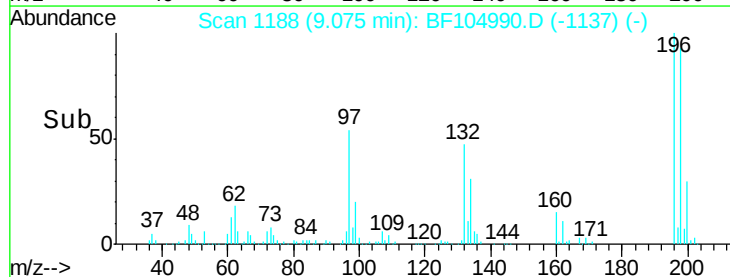
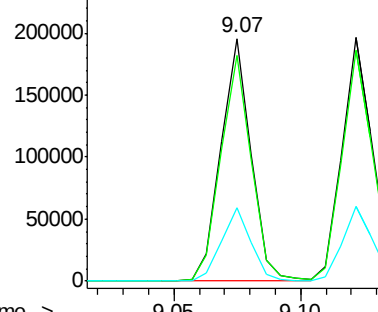


#42
 2,4,6-Trichlorophenol
 Concen: 36.968 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion:196 Resp: 162048
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.7 113.5
 200 30.2 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

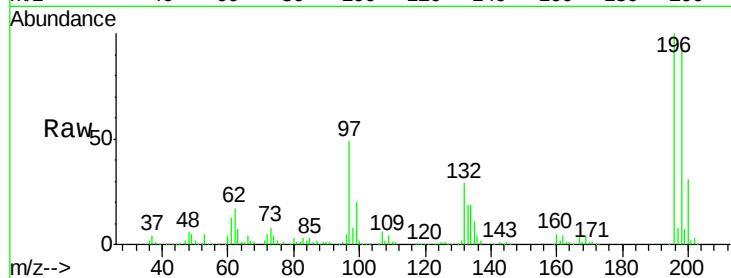




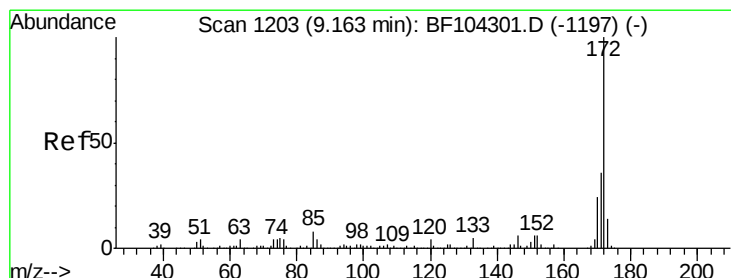
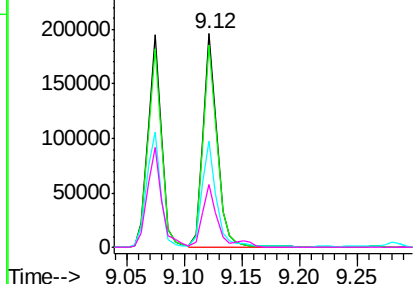
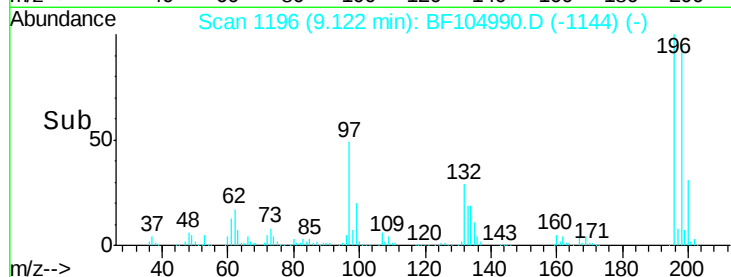
#43
 2,4,5-Trichlorophenol
 Concen: 35.066 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion:	196	Resp:	172006
Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	49.5	42.9	64.3
132	29.3	26.3	39.5

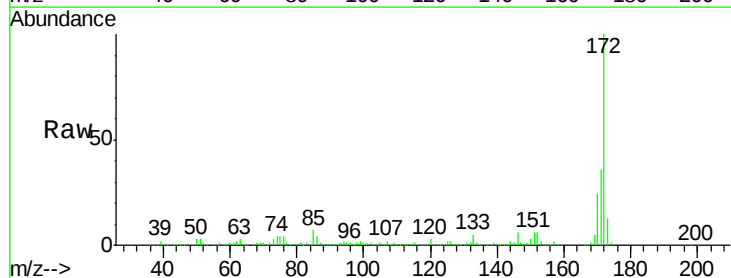


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

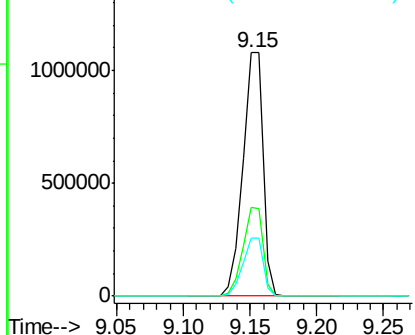
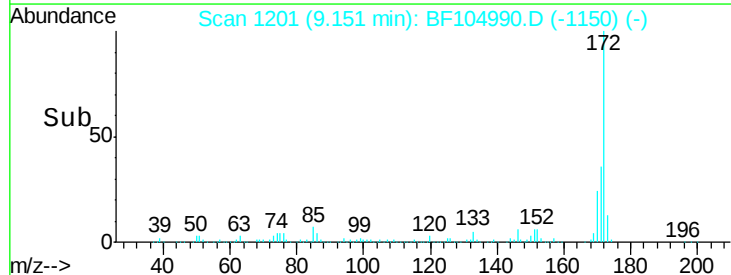


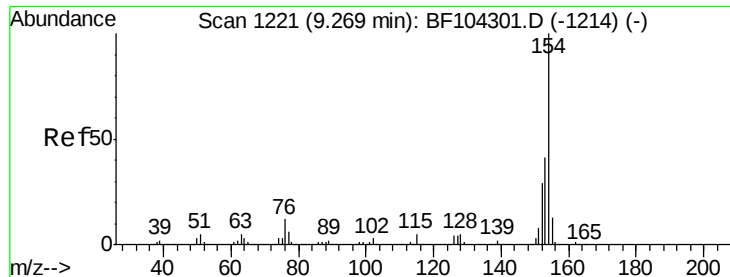
#44
 2-Fluorobiphenyl
 Concen: 80.655 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion:	172	Resp:	1126218
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4



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

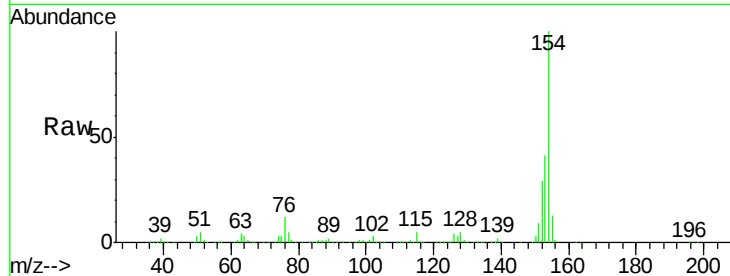




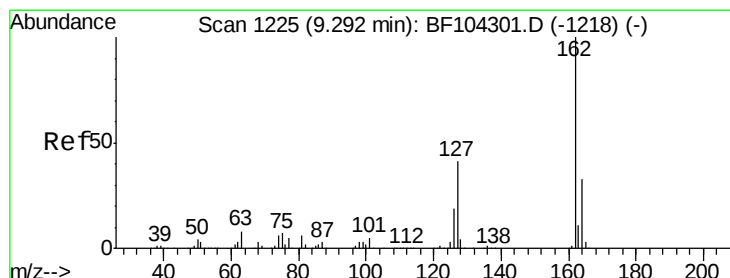
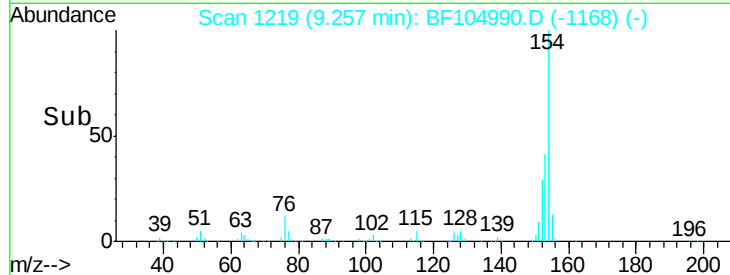
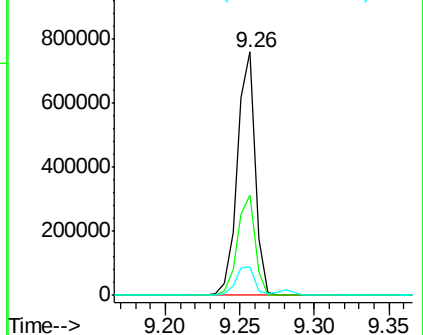
#45
 1,1'-Biphenyl
 Concen: 34.357 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion:154 Resp: 636656
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 11.6 0.0 34.0

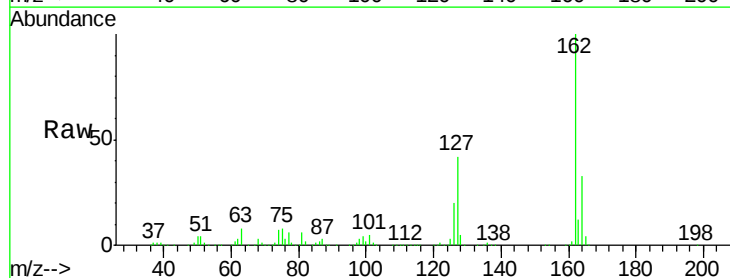


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

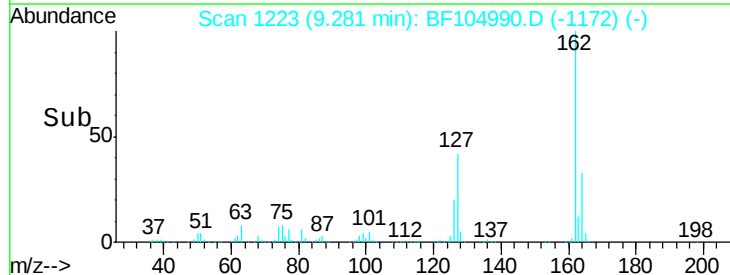
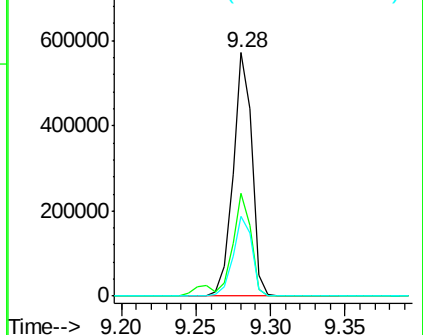


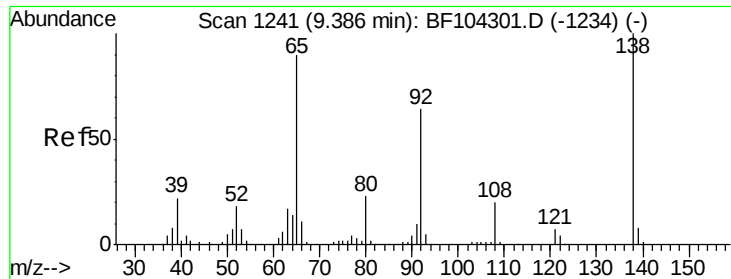
#46
 2-Chloronaphthalene
 Concen: 34.677 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion:162 Resp: 507563
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.9 50.9
 164 32.5 26.5 39.7



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

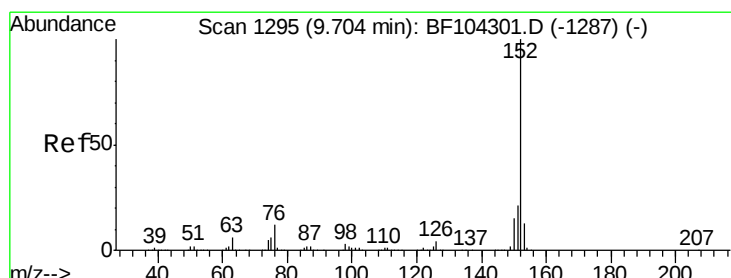
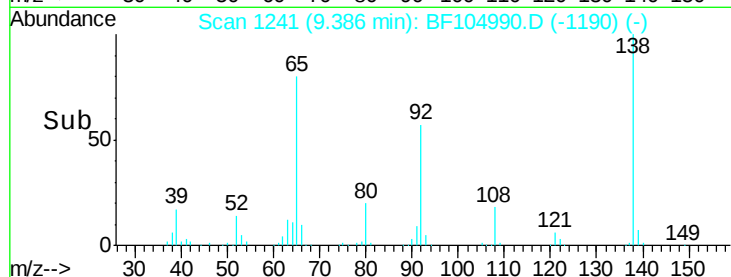
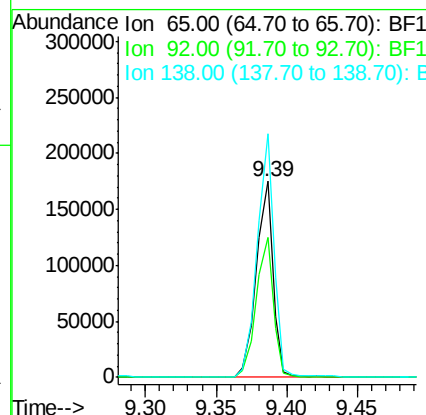
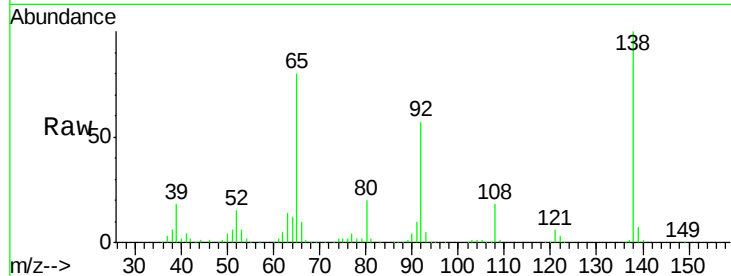




#47
 2-Nitroaniline
 Concen: 41.099 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

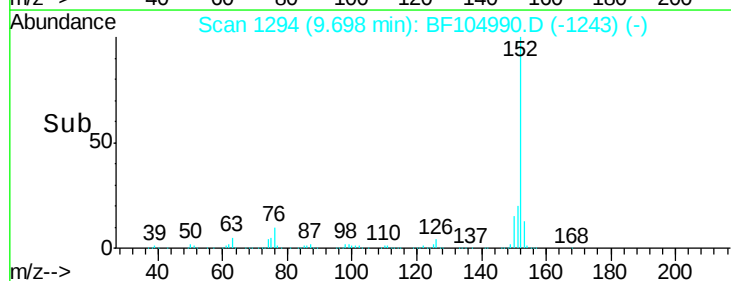
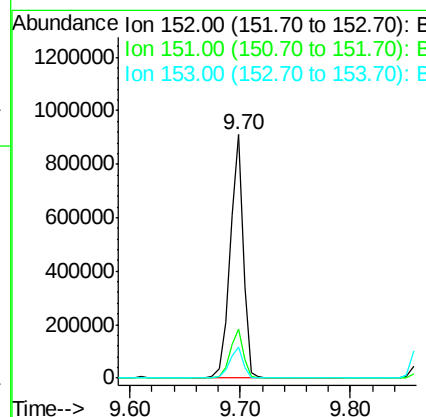
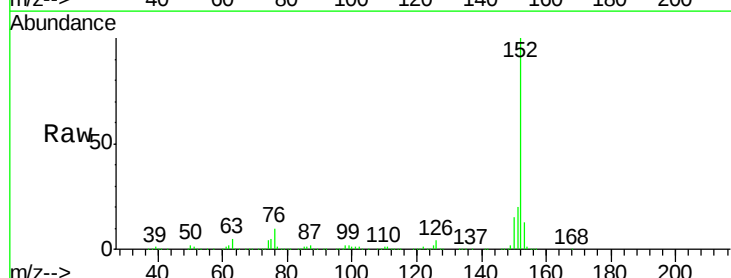
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

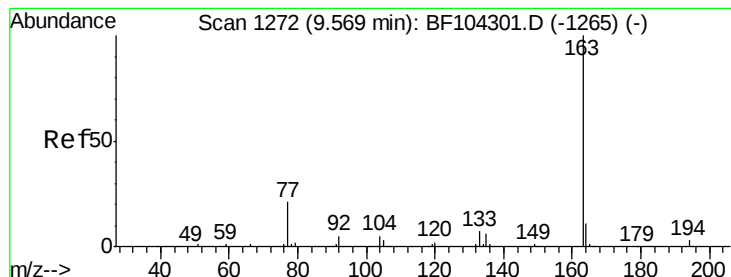
Tgt Ion: 65 Resp: 148768
 Ion Ratio Lower Upper
 65 100
 92 71.4 55.8 83.6
 138 124.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 32.992 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion: 152 Resp: 757653
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5
 153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 42.945 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

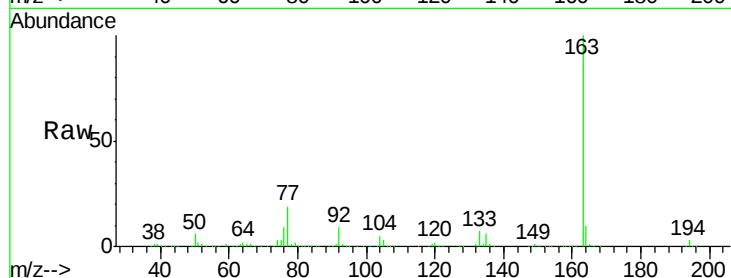
Tgt Ion:163 Resp: 747028

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

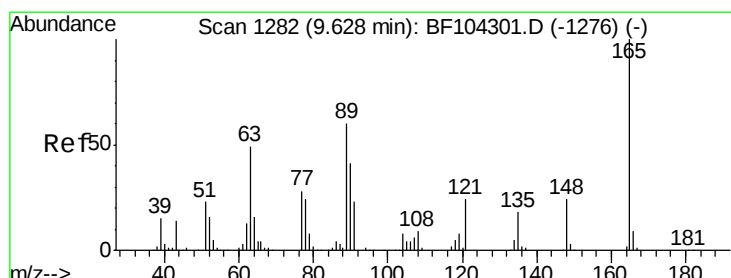
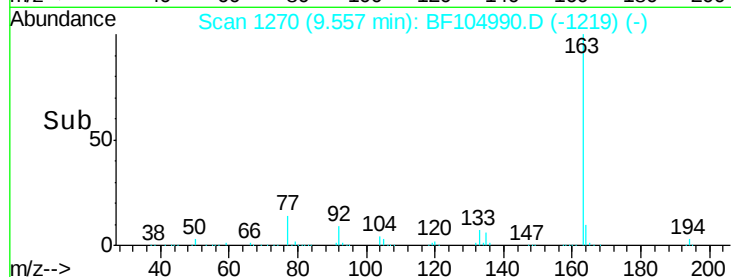
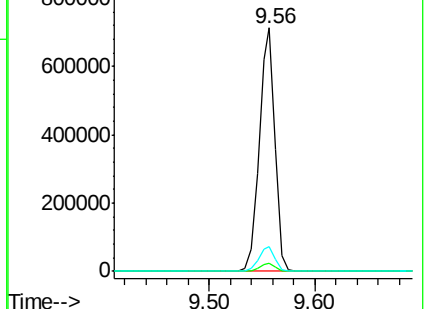
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.358 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

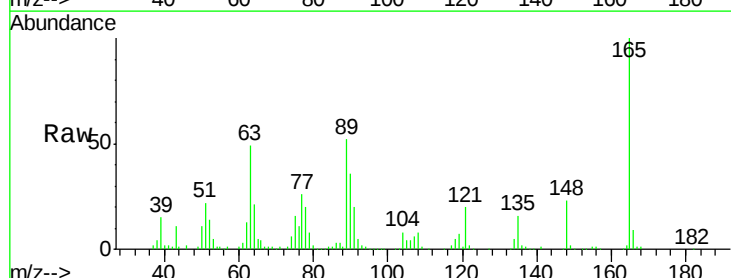
Tgt Ion:165 Resp: 129901

Ion Ratio Lower Upper

165 100

63 48.7 44.7 67.1

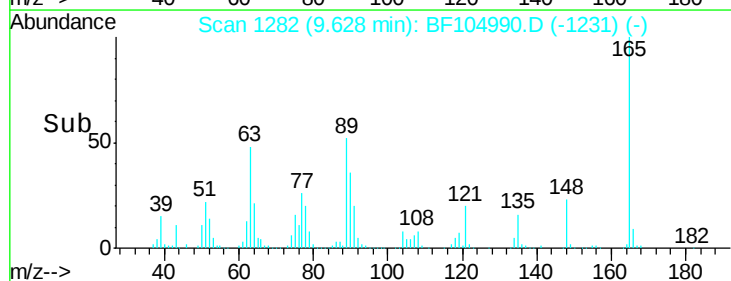
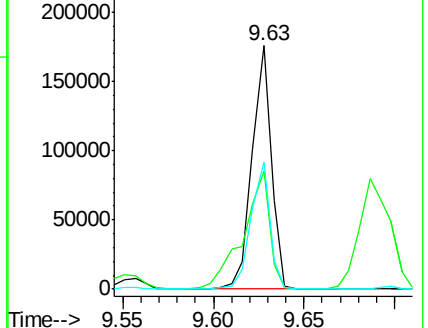
89 52.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.653 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

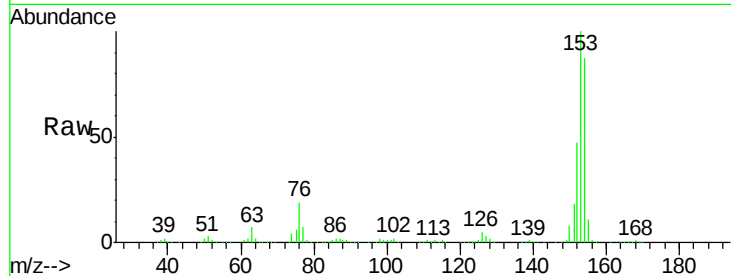
Tgt Ion:154 Resp: 457523

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

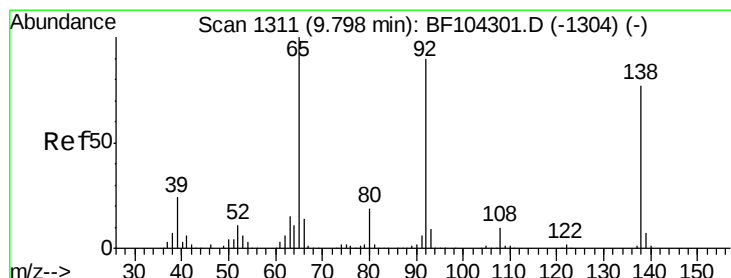
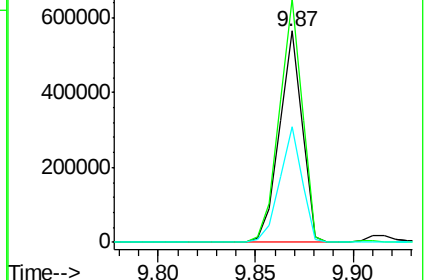
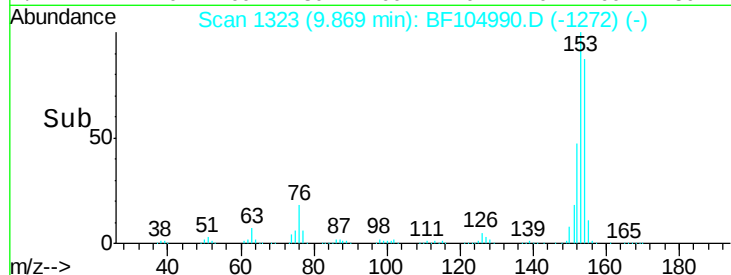
152 54.4 43.8 65.8



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: 31.791 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

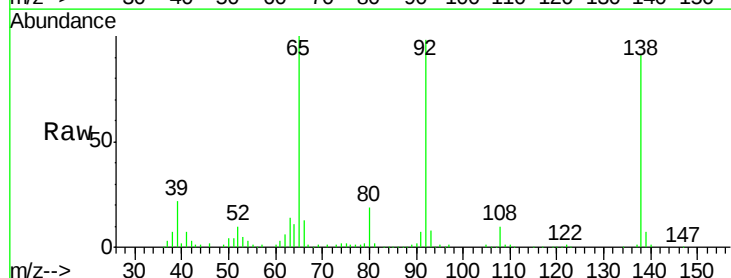
Tgt Ion:138 Resp: 119794

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

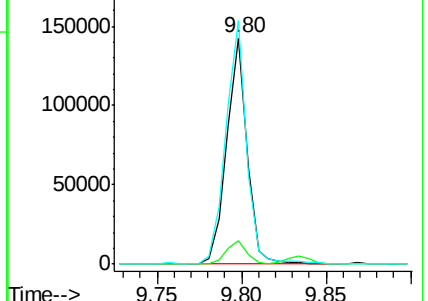
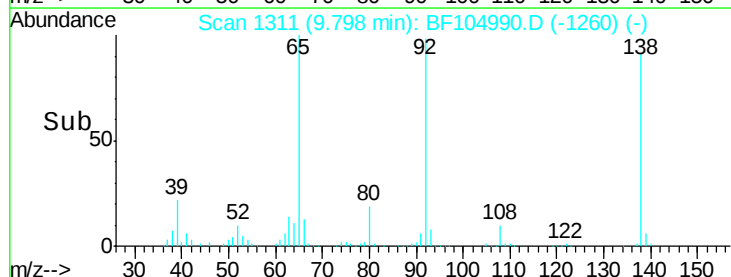
92 107.6 89.4 134.2

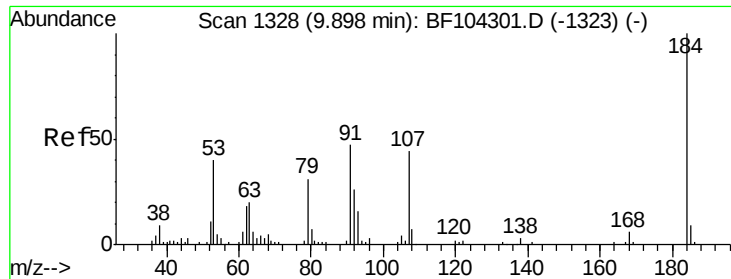


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

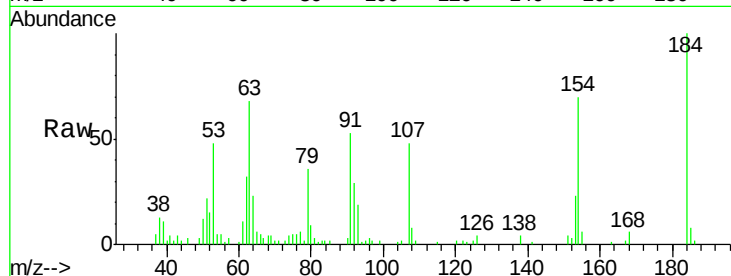




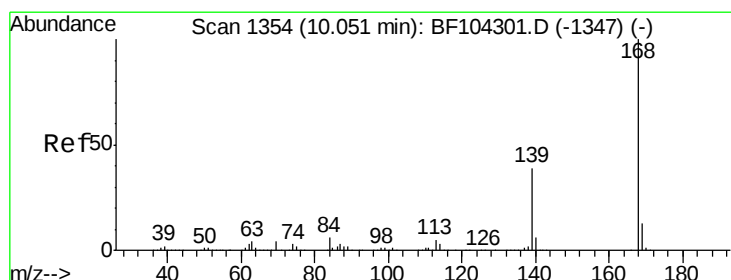
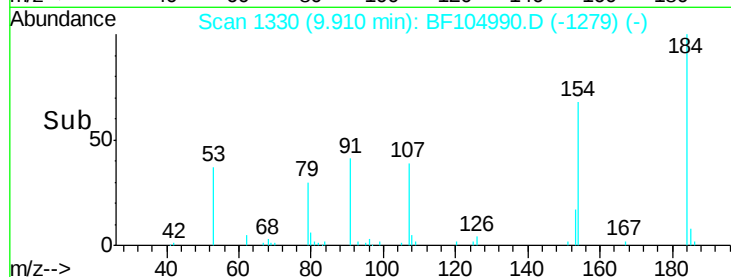
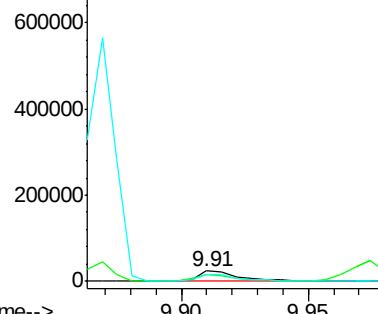
#53
2,4-Dinitrophenol
Concen: 31.617 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion:184 Resp: 28247
Ion Ratio Lower Upper
184 100
63 68.4 54.2 81.2
154 70.4 184.0 276.0#

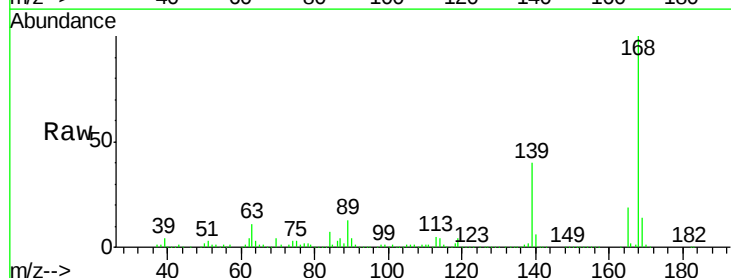


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

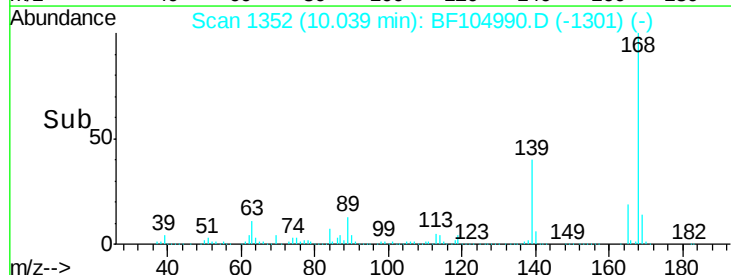
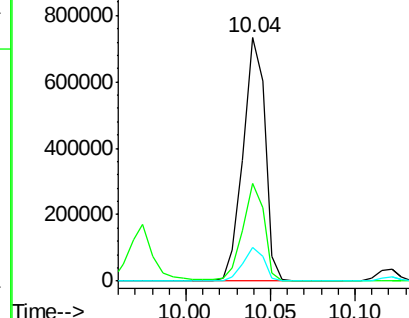


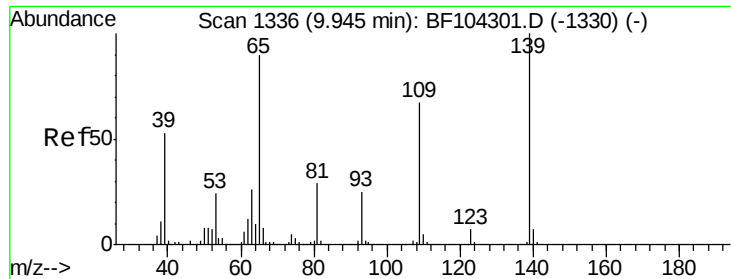
#54
Dibenzofuran
Concen: 34.203 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:168 Resp: 667884
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 13.9 10.9 16.3



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

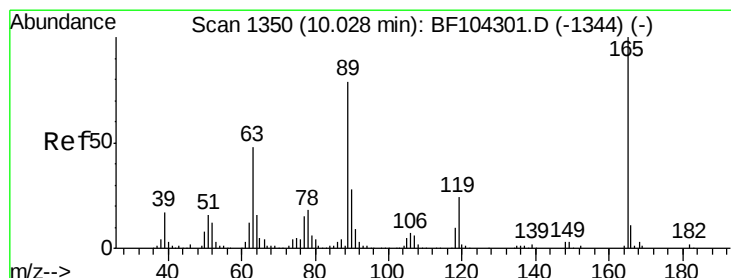
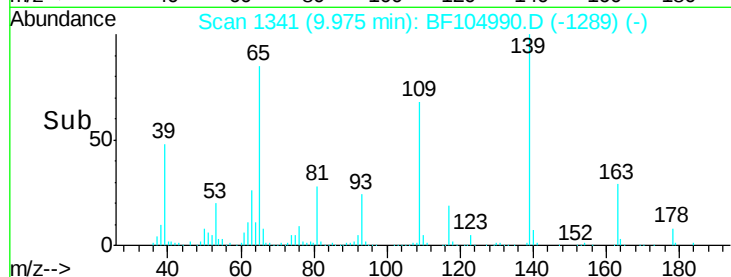
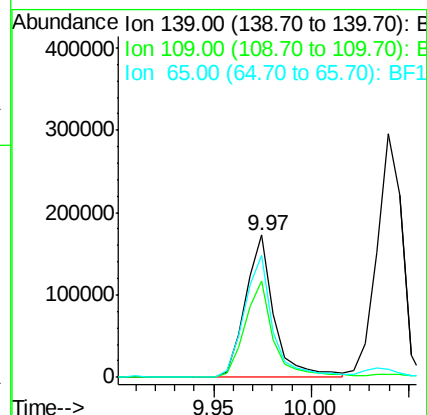
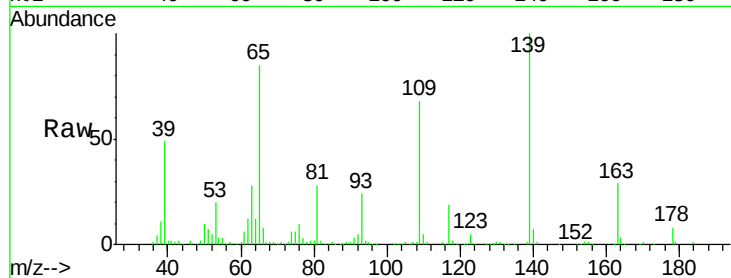




#55
4-Nitrophenol
Concen: 58.585 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

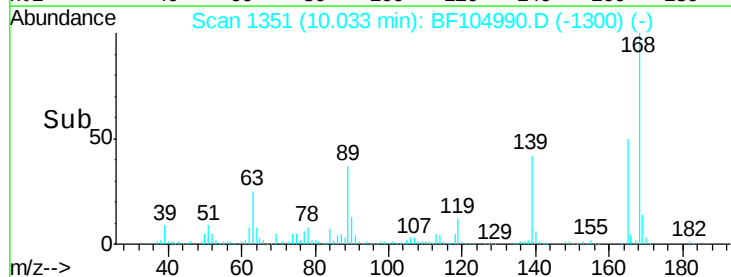
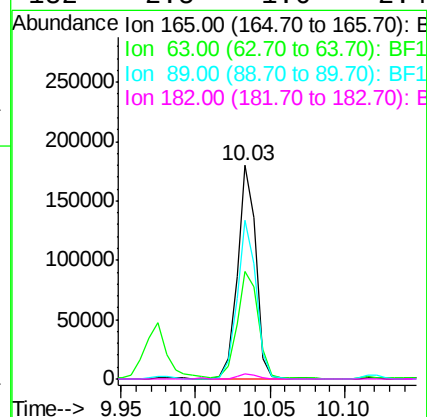
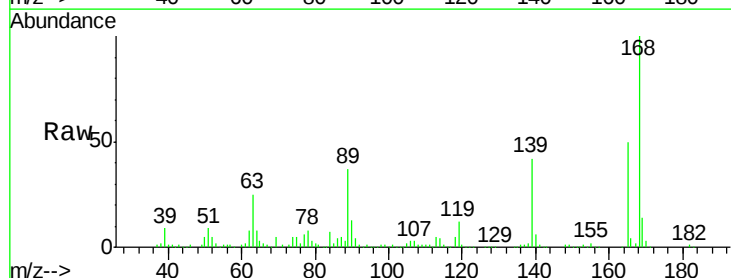
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

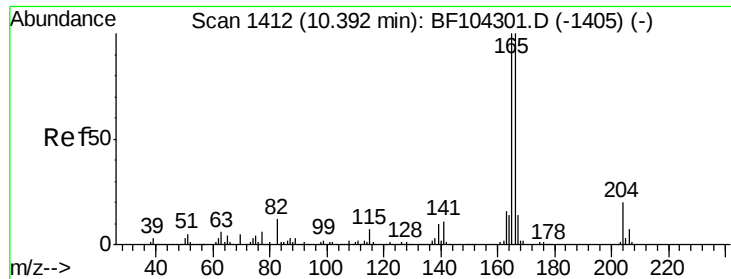
Tgt Ion:139 Resp: 173415
Ion Ratio Lower Upper
139 100
109 68.2 48.4 88.4
65 85.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.254 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:165 Resp: 157289
Ion Ratio Lower Upper
165 100
63 50.1 36.4 54.6
89 74.4 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 37.693 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

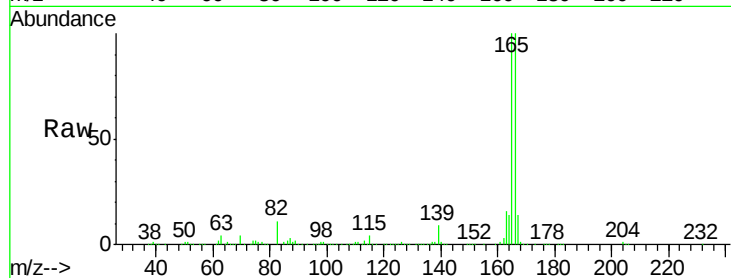
Tgt Ion:166 Resp: 535740

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

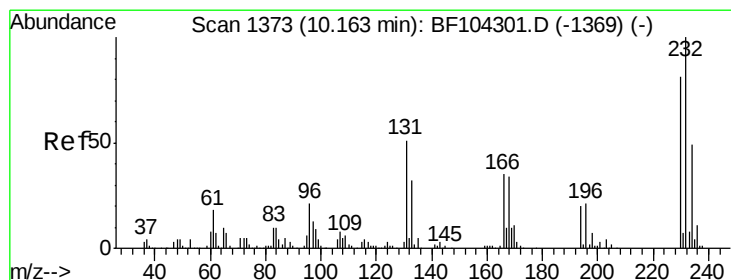
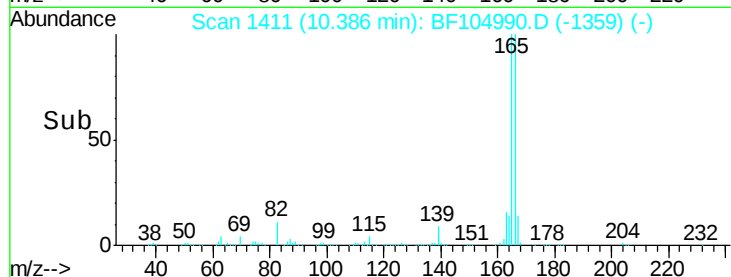
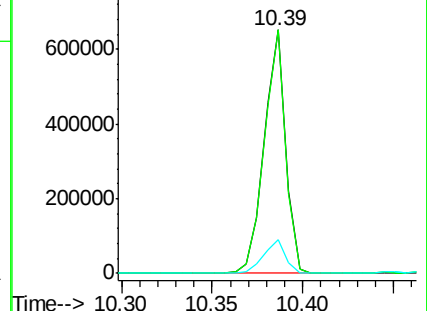
167 14.0 10.6 16.0



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: 35.400 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:232 Resp: 129544

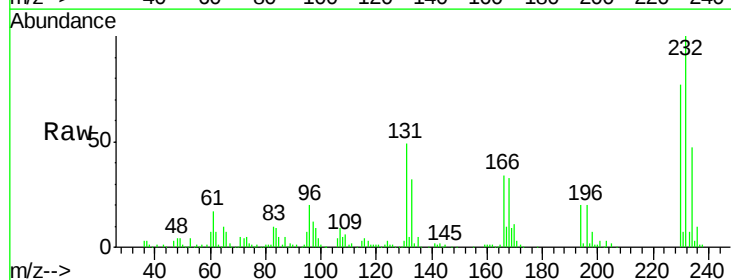
Ion Ratio Lower Upper

232 100

131 48.3 43.8 65.8

130 2.6 2.1 3.1

166 31.6 27.8 41.6

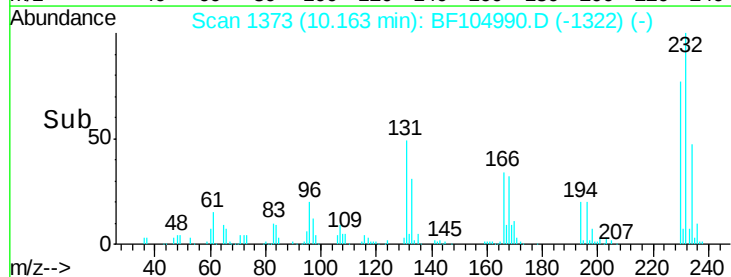
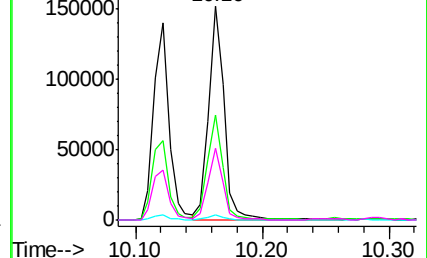


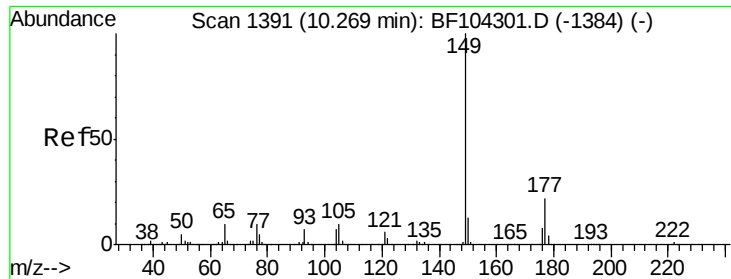
Abundance Ion 232.00 (231.70 to 232.70): E

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

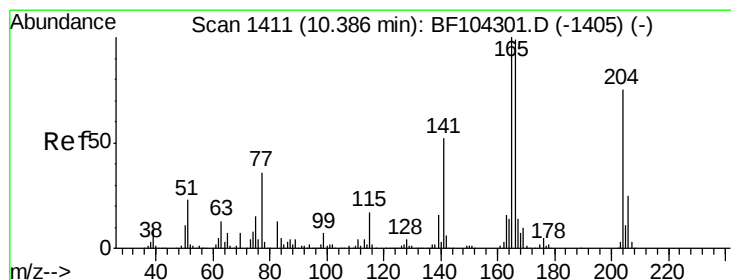
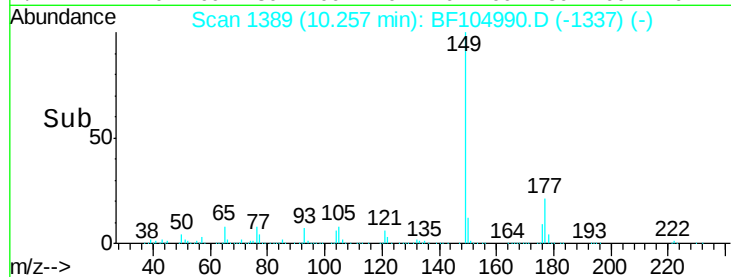
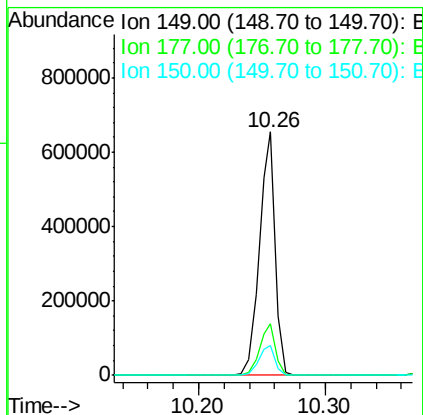
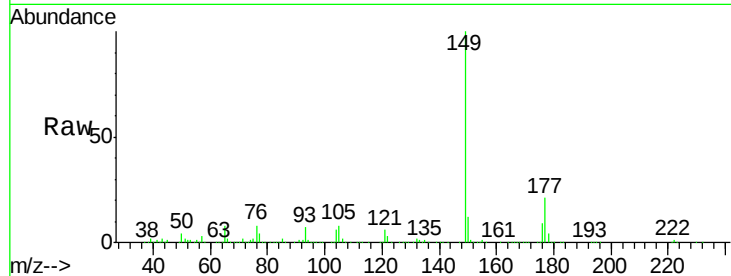




#59
Diethylphthalate
Concen: 33.164 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

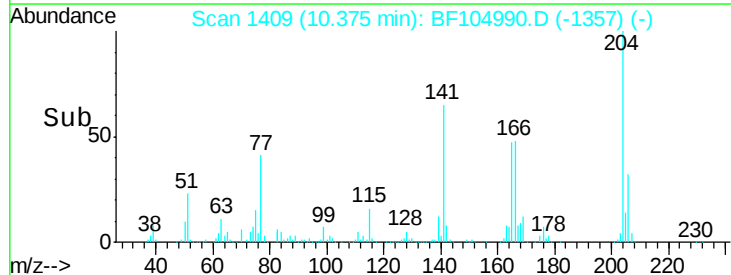
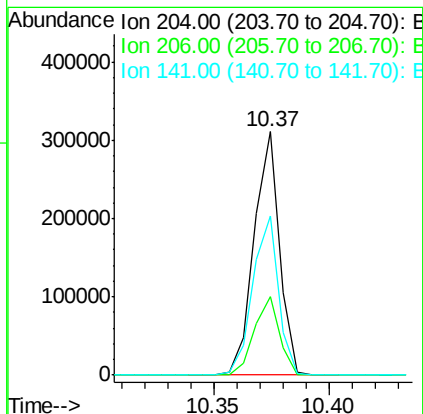
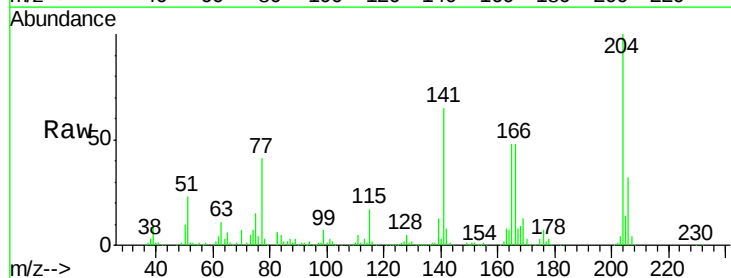
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

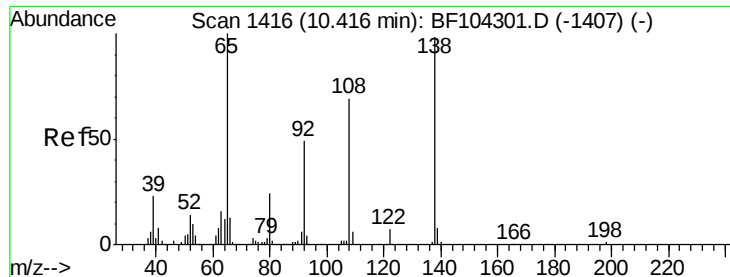
Tgt Ion:149 Resp: 574544
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.938 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:204 Resp: 240136
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 65.2 54.6 81.8

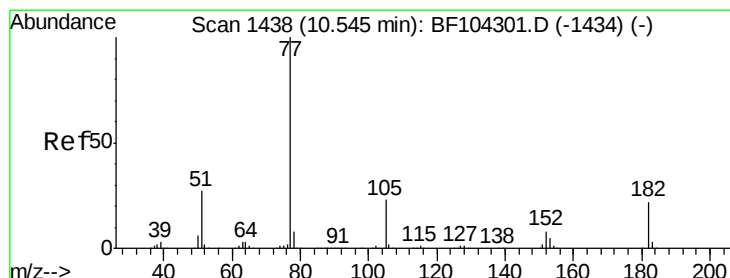
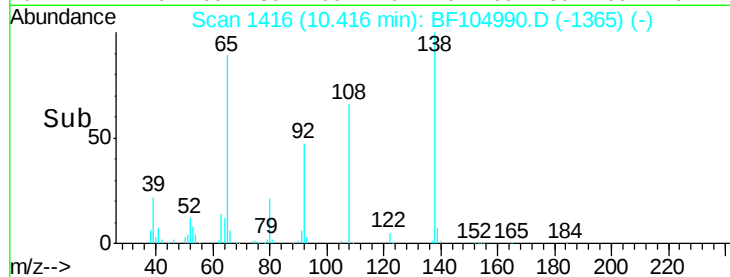
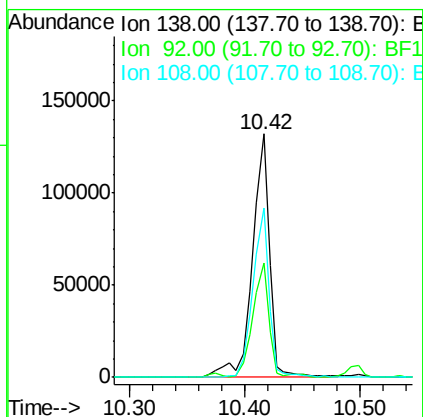
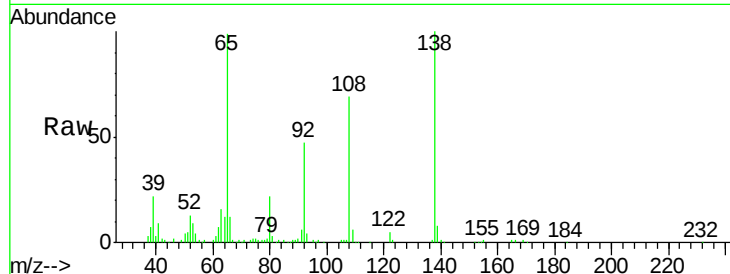




#61
4-Nitroaniline
Concen: 37.018 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

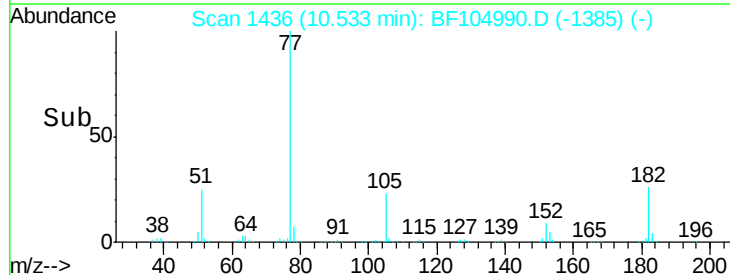
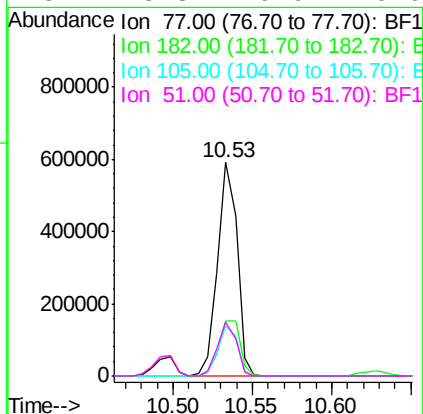
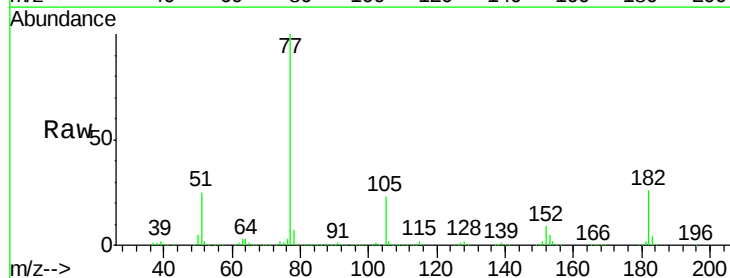
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

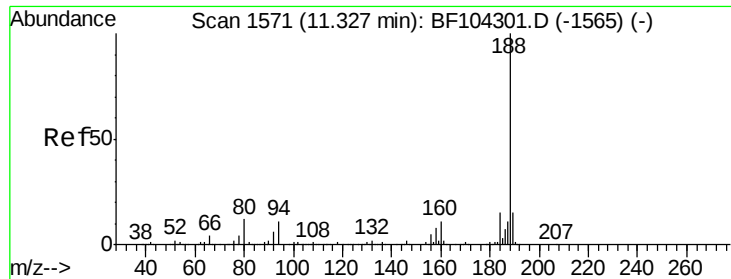
Tgt Ion: 138 Resp: 136390
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 69.3 52.5 92.5



#62
Azobenzene
Concen: 30.533 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion: 77 Resp: 505366
Ion Ratio Lower Upper
77 100
182 25.8 1.7 41.7
105 23.4 3.0 43.0
51 25.3 9.9 49.9

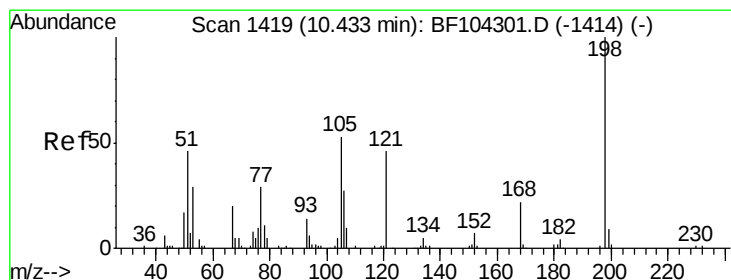
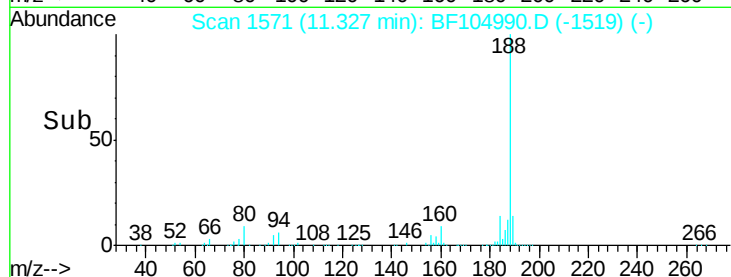
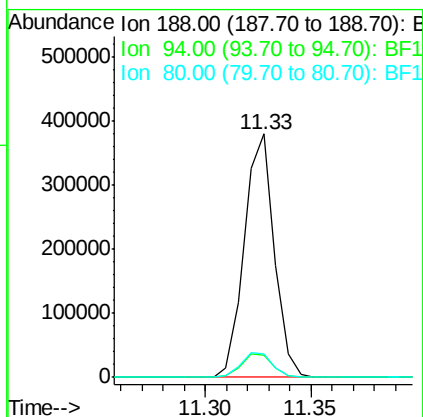
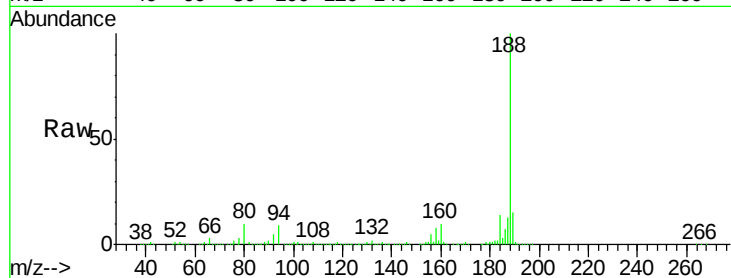




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

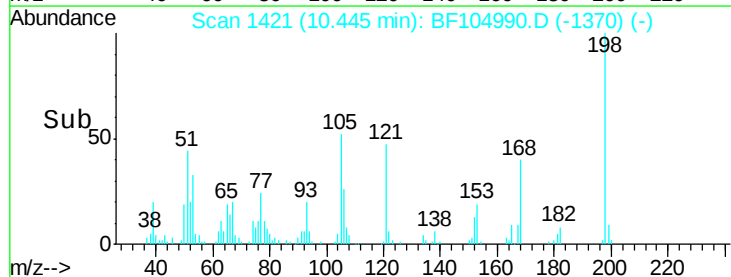
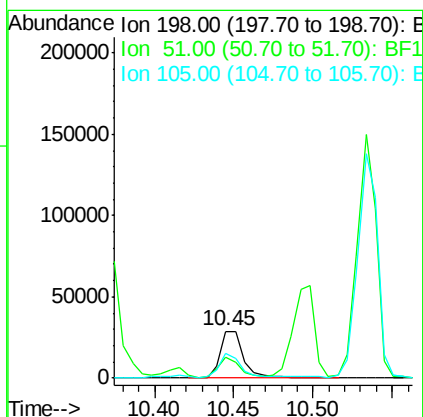
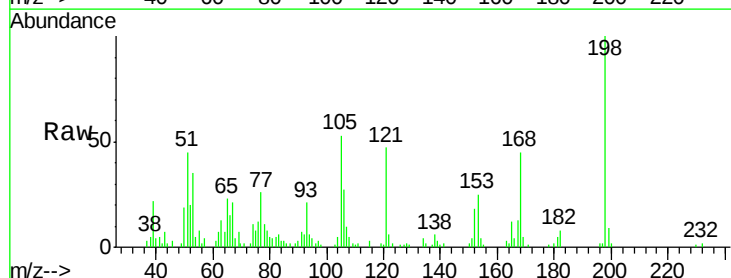
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

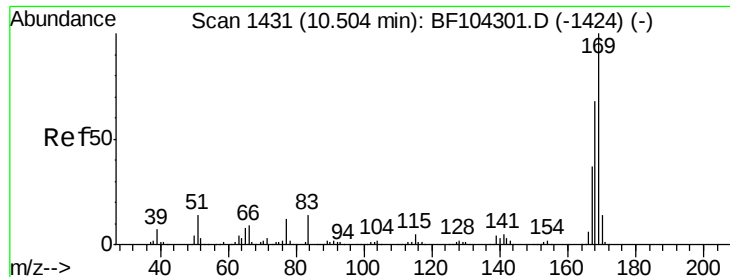
Tgt Ion:188 Resp: 373289
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.104 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:198 Resp: 29530
Ion Ratio Lower Upper
198 100
51 44.8 37.7 77.7
105 53.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 35.742 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

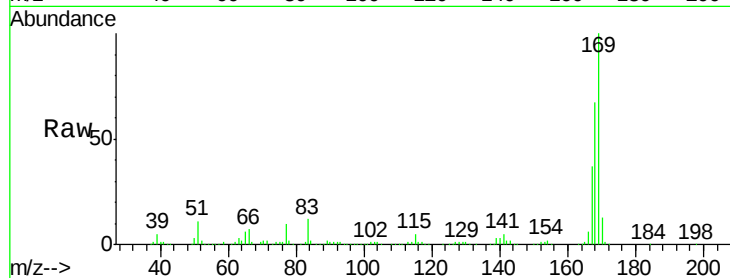
Tgt Ion:169 Resp: 462600

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

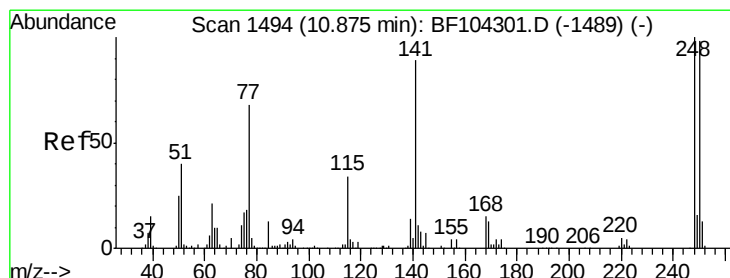
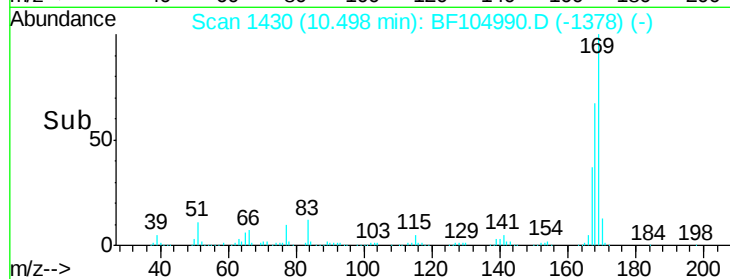
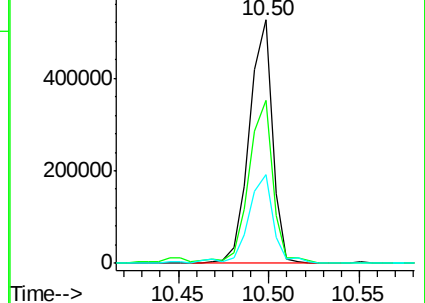
167 36.5 29.8 44.6



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: 36.825 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

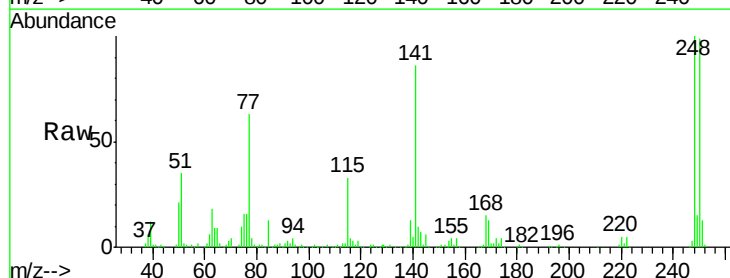
Tgt Ion:248 Resp: 146219

Ion Ratio Lower Upper

248 100

250 99.2 76.9 115.3

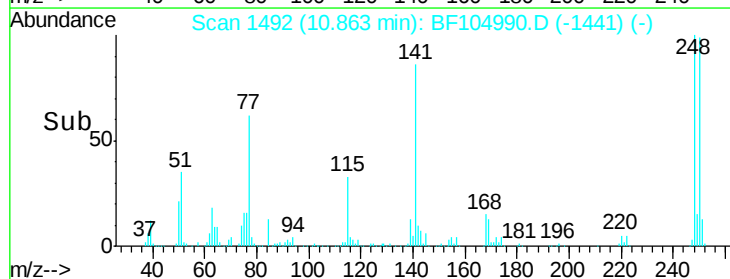
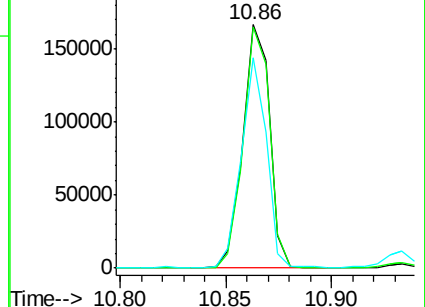
141 86.2 74.4 111.6

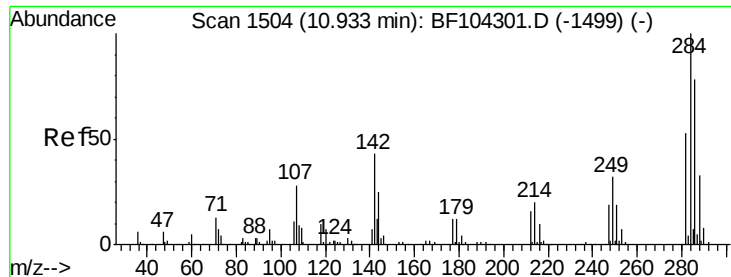


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

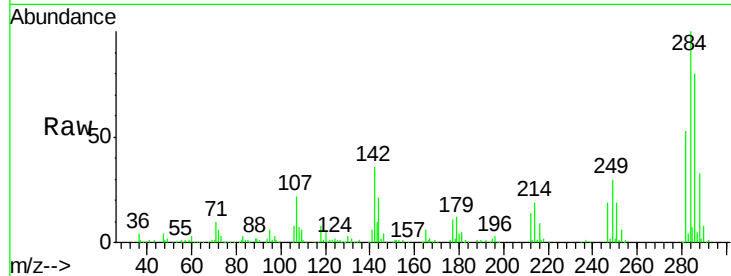




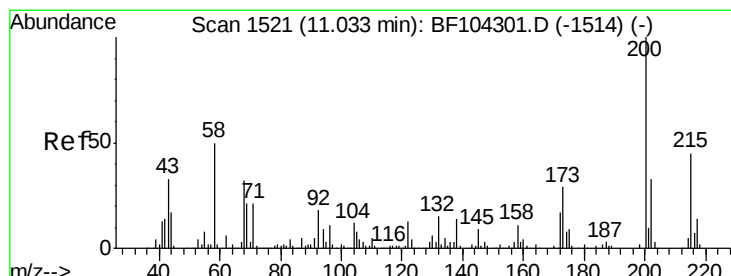
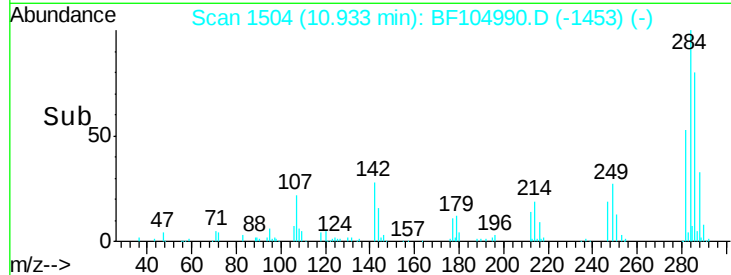
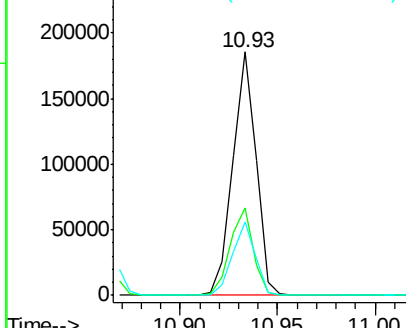
#67
Hexachlorobenzene
Concen: 34.354 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

Tgt Ion: 284 Resp: 153486
Ion Ratio Lower Upper
284 100
142 35.9 34.6 52.0
249 30.2 24.8 37.2

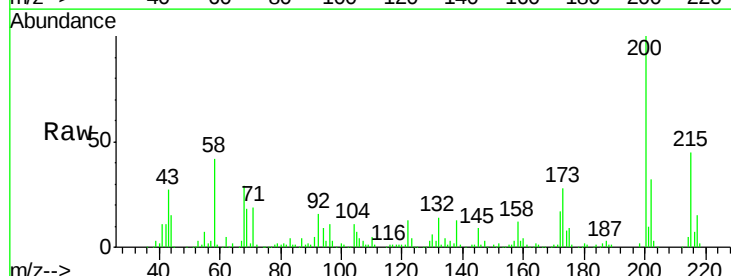


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

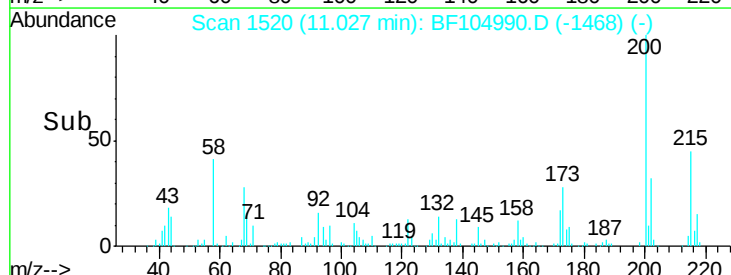
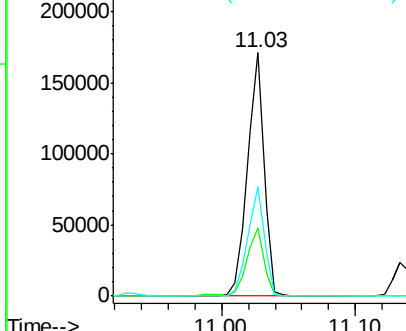


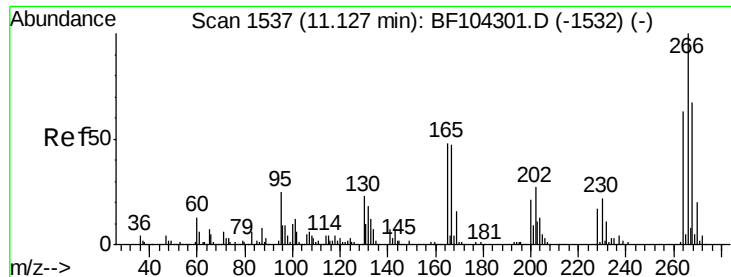
#68
Atrazine
Concen: 37.221 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion: 200 Resp: 145414
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 44.9 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

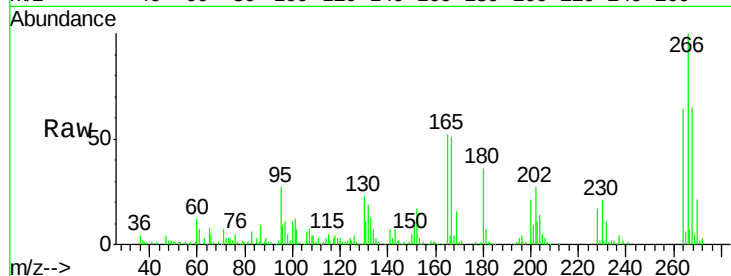




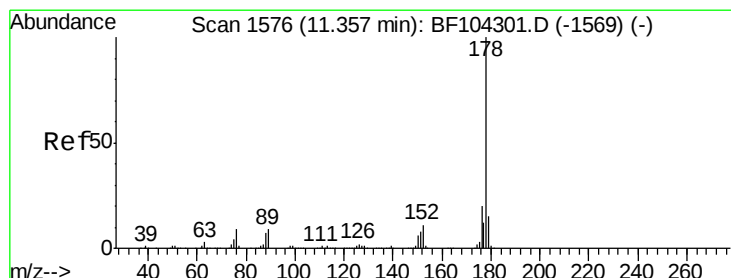
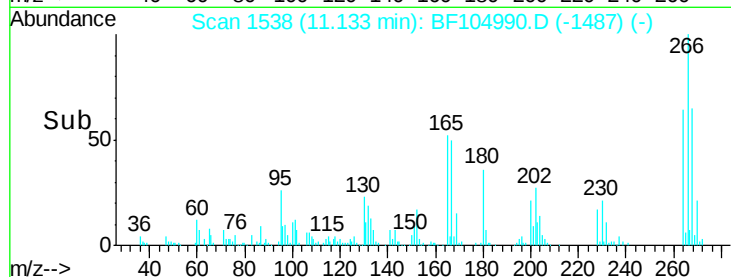
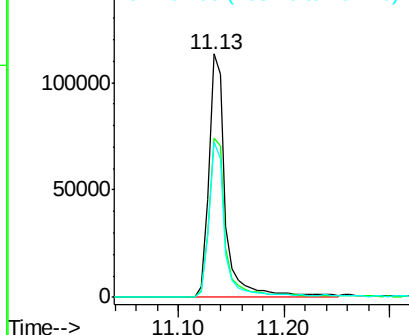
#69
 Pentachlorophenol
 Concen: 45.524 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion: 266 Resp: 125829
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.1 76.7
 264 63.8 49.5 74.3

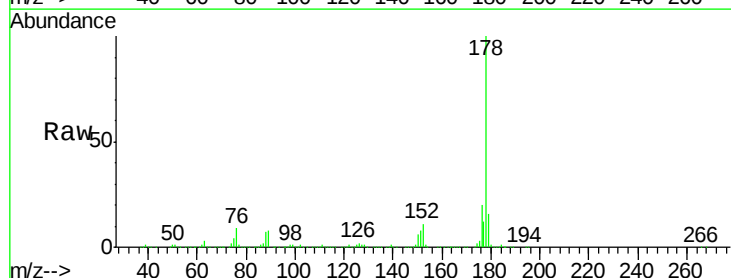


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

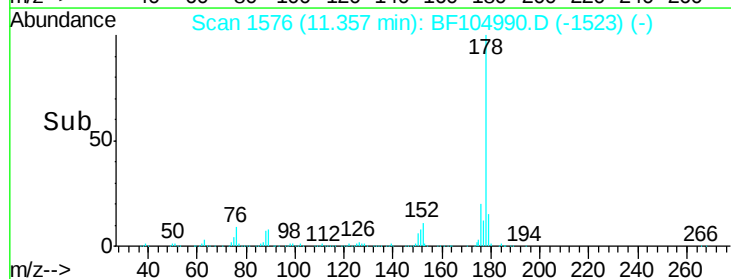
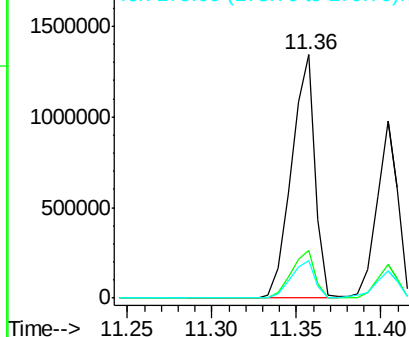


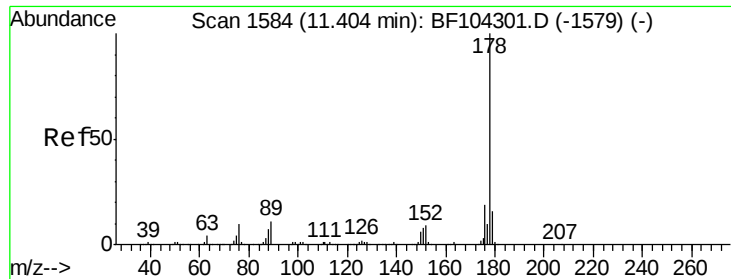
#70
 Phenanthrene
 Concen: 61.873 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion: 178 Resp: 1286227
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

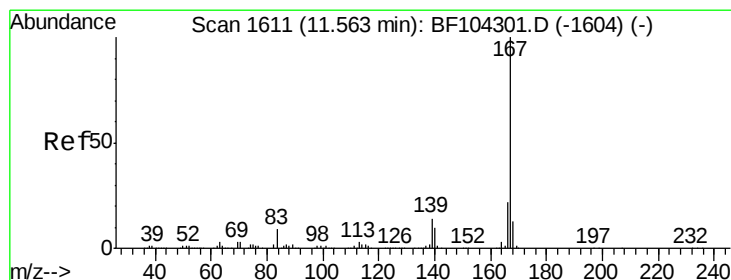
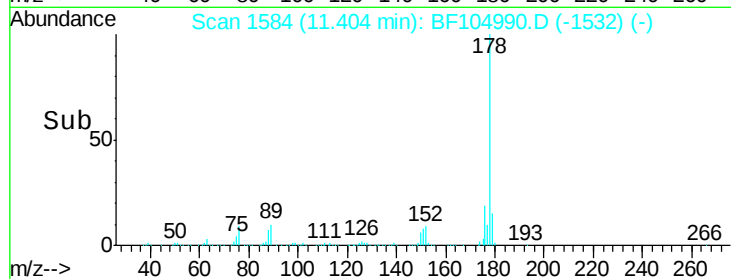
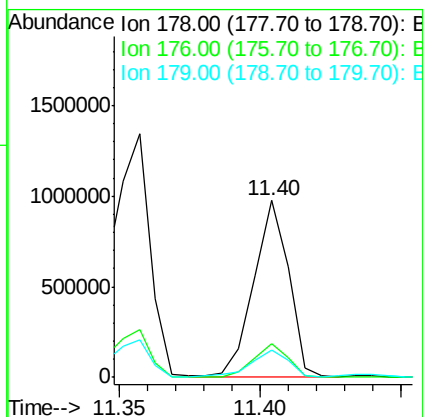
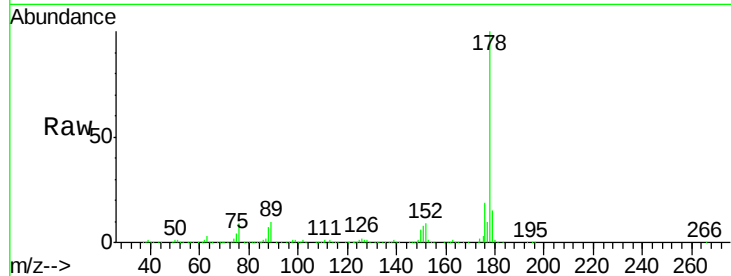




#71
 Anthracene
 Concen: 39.246 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

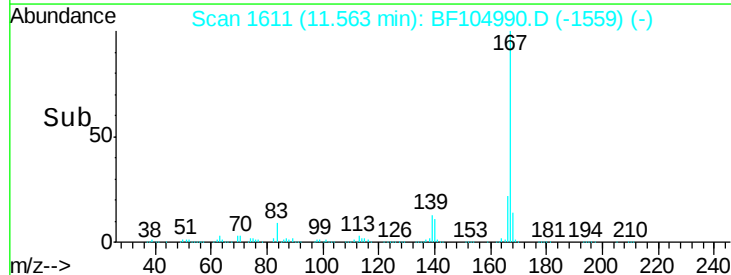
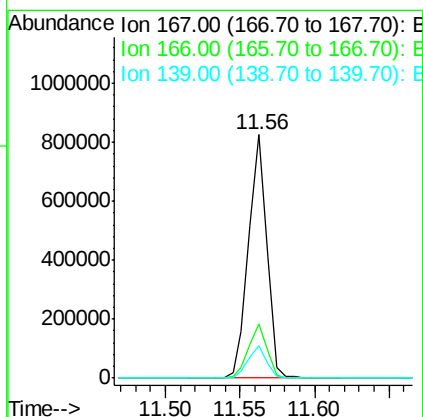
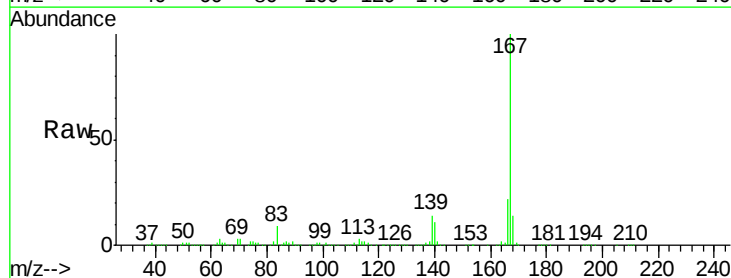
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

Tgt Ion:178 Resp: 829326
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 33.992 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion:167 Resp: 701903
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.910 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

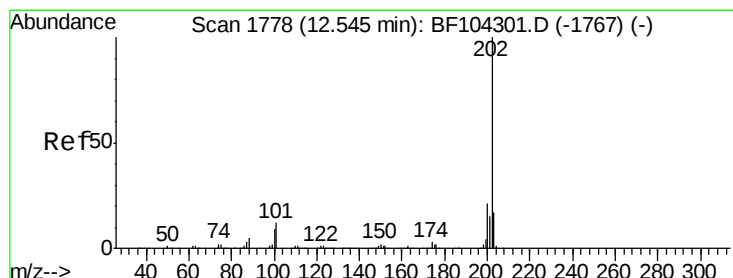
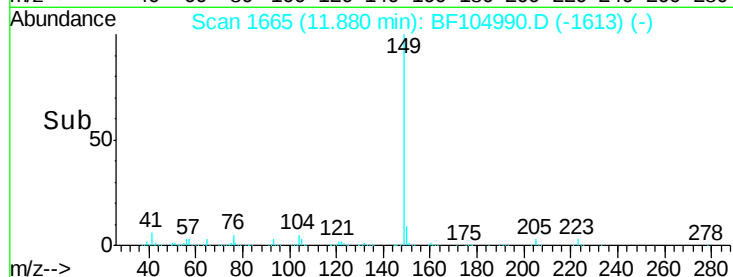
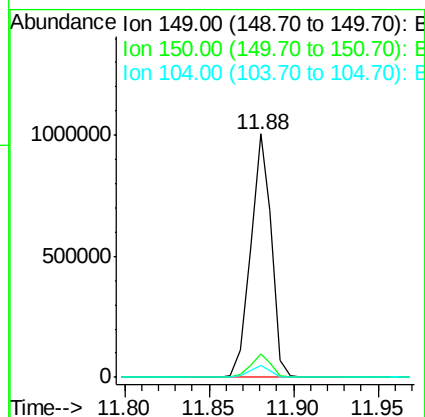
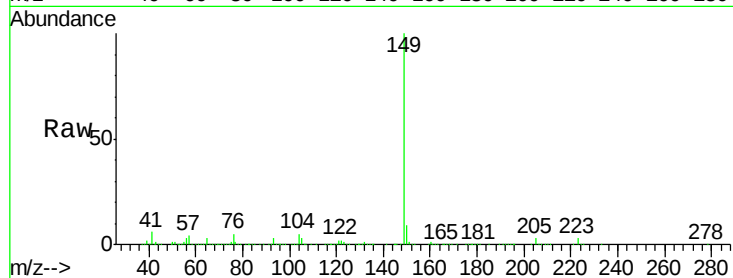
Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

Tgt Ion:	149	Resp:	855351
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8



#74

Fluoranthene

Concen: 70.841 ng

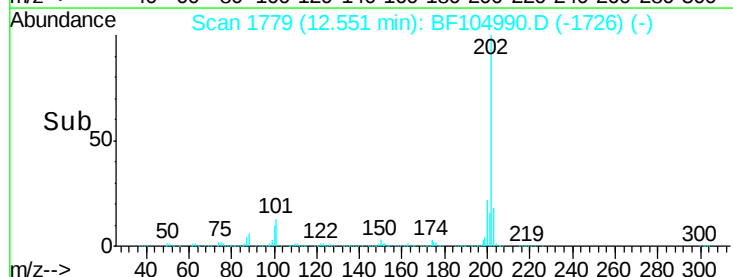
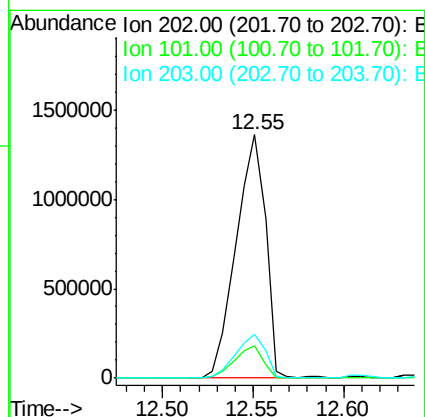
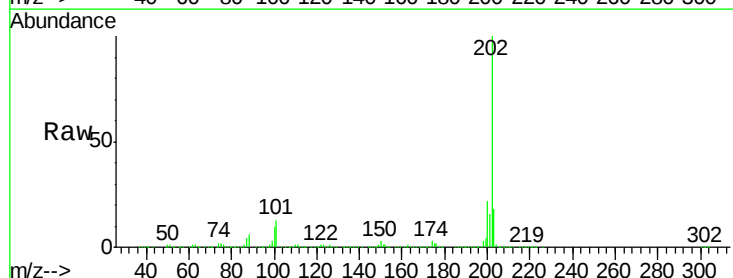
RT: 12.55 min Scan# 1779

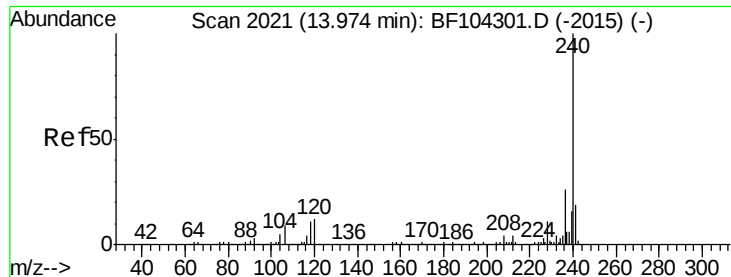
Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Tgt Ion:	202	Resp:	1538644
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.04 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

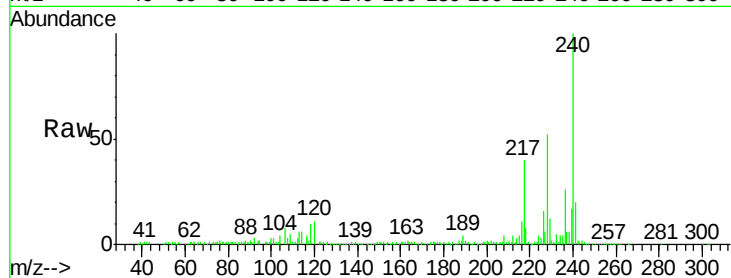
Tgt Ion:240 Resp: 212065

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

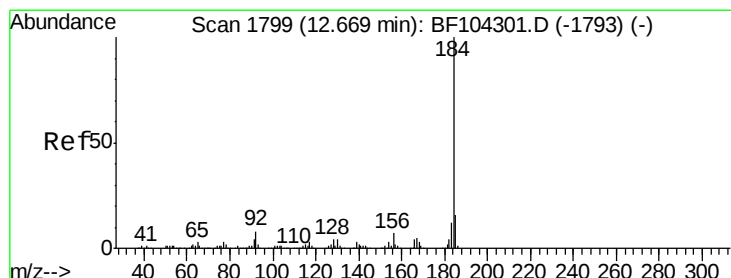
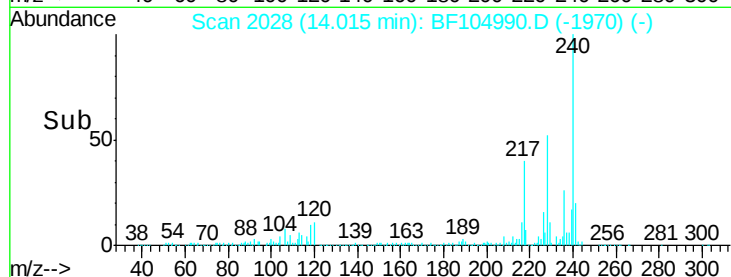
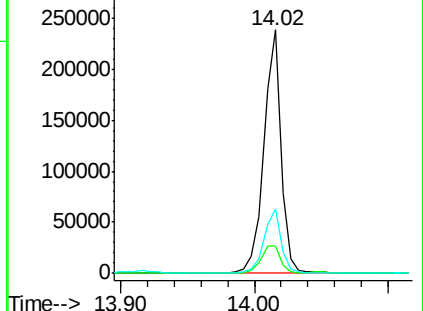
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.689 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

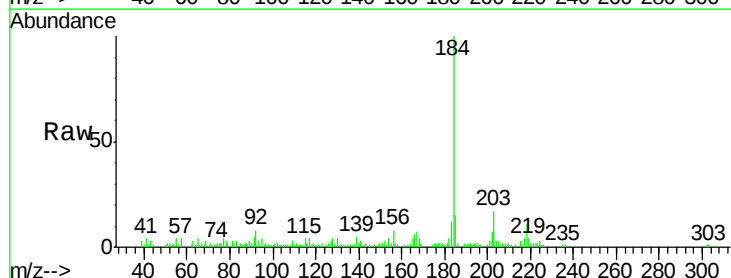
Tgt Ion:184 Resp: 49410

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

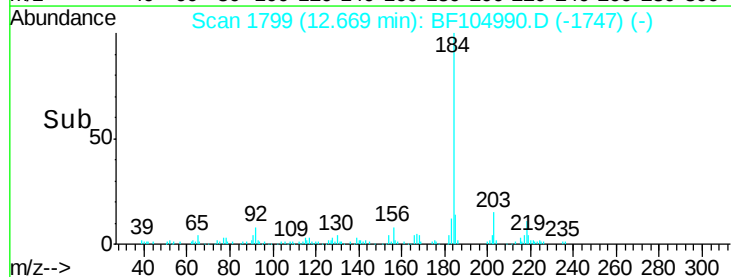
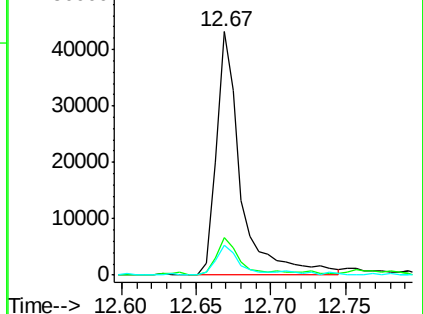
183 12.4 9.3 13.9

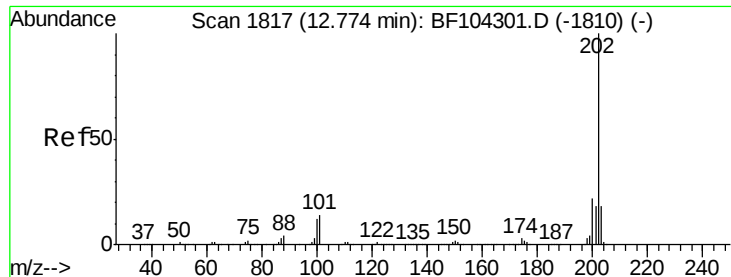


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 88.486 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

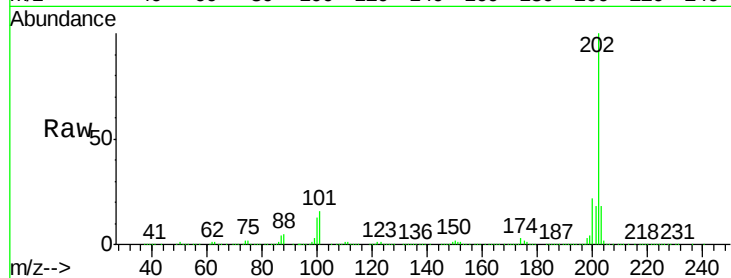
Tgt Ion:202 Resp: 1390913

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

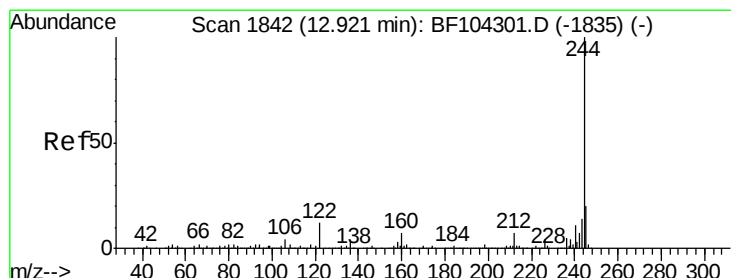
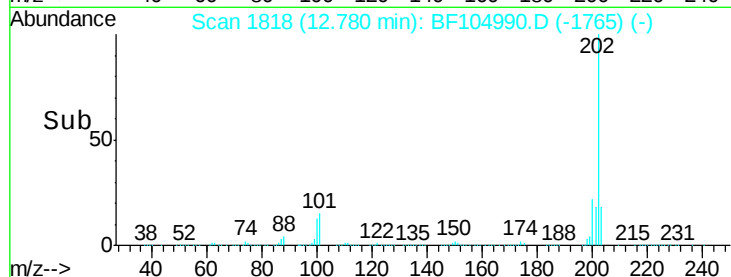
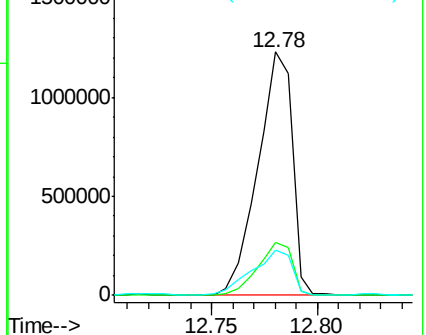
203 18.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.305 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

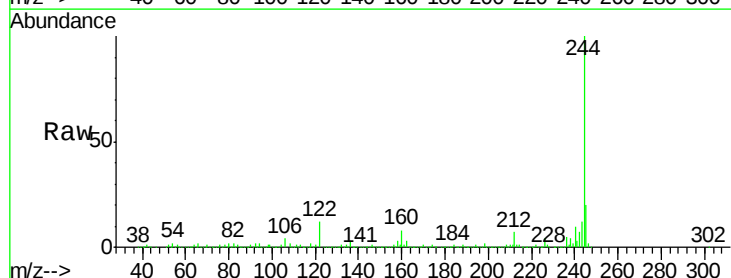
Tgt Ion:244 Resp: 905109

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

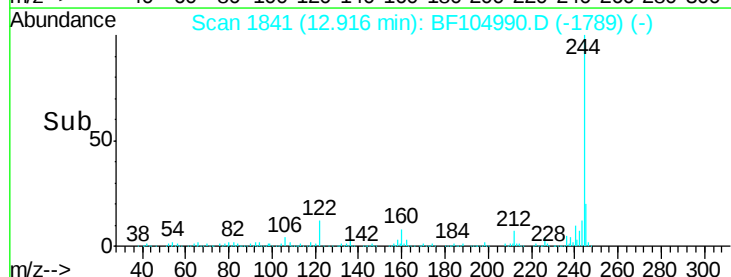
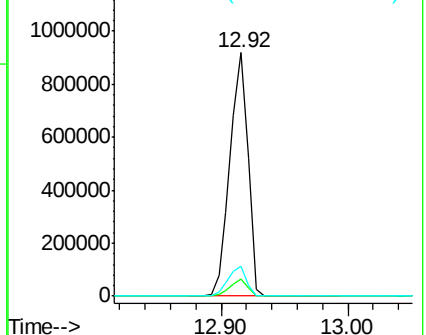
122 12.1 11.0 16.4



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

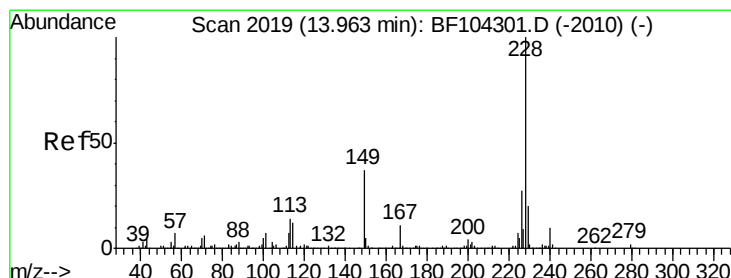
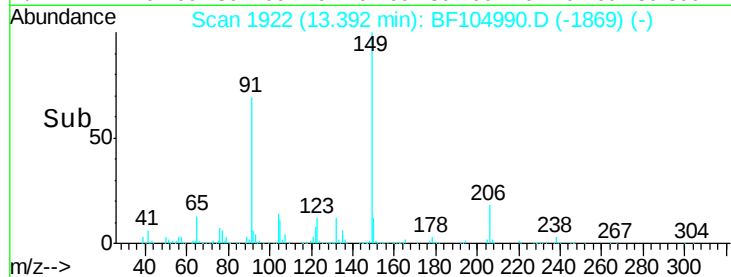
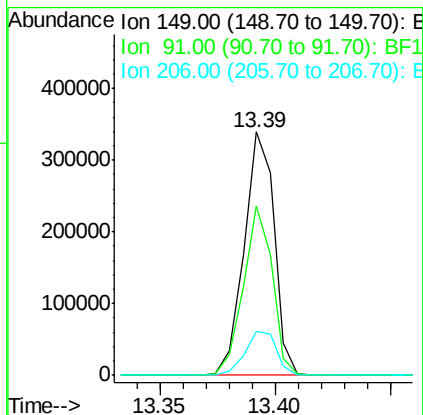
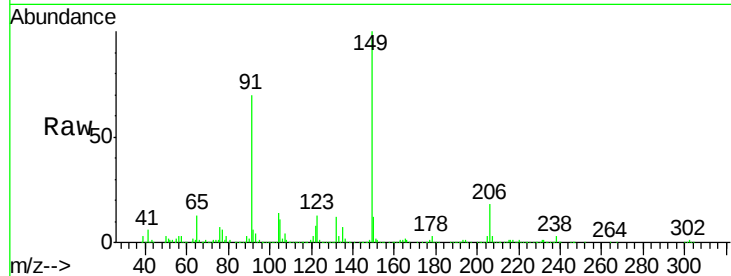




#79
Butylbenzylphthalate
Concen: 41.435 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

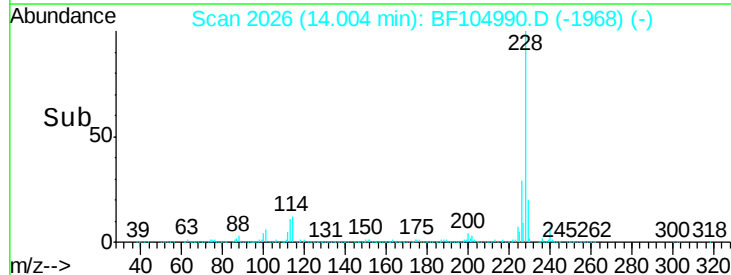
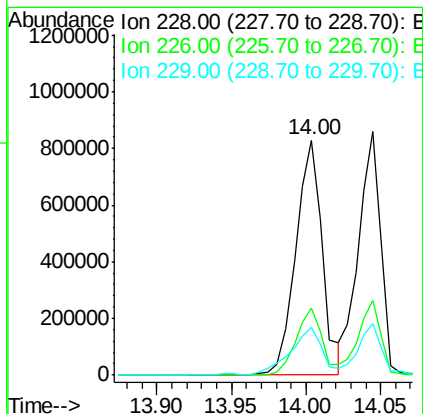
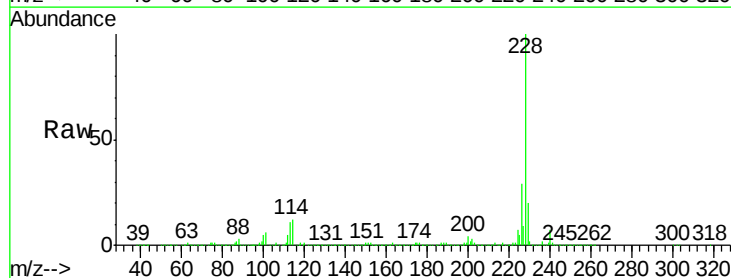
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

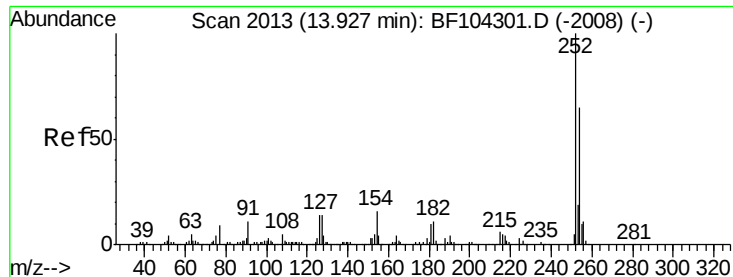
Tgt Ion:149 Resp: 306843
Ion Ratio Lower Upper
149 100
91 69.6 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 80.835 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.04 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:228 Resp: 1024100
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 27.974 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.04 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

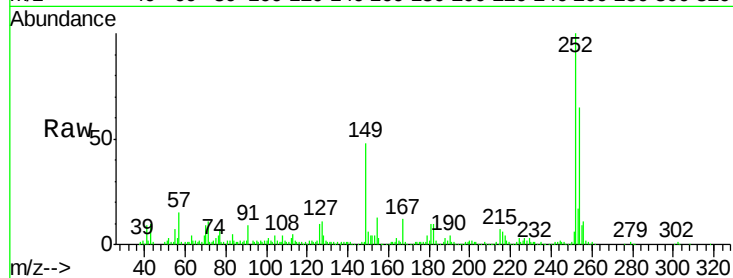
Tgt Ion:252 Resp: 132138

Ion Ratio Lower Upper

252 100

254 65.4 50.4 75.6

126 10.5 11.3 16.9#

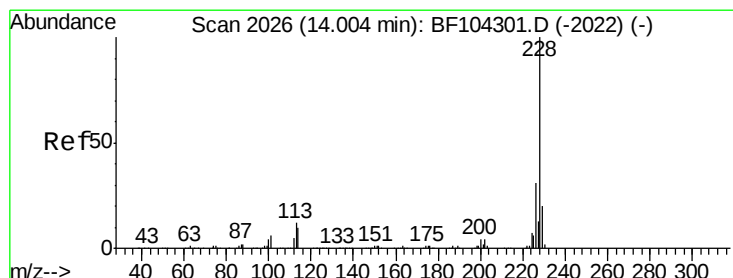
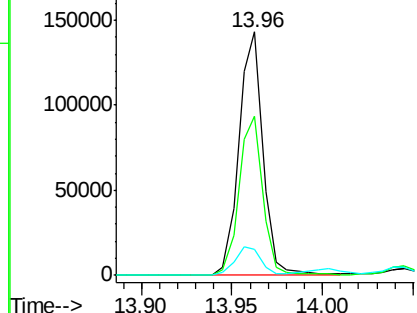
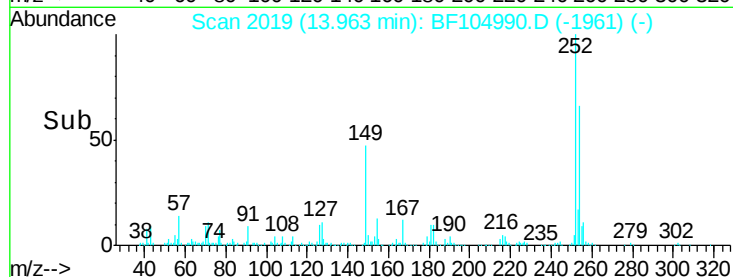


Abundance

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: 69.085 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.05 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

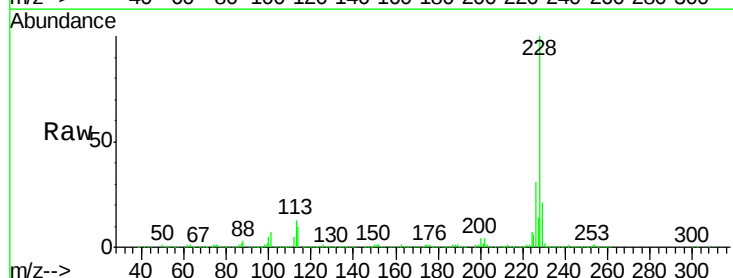
Tgt Ion:228 Resp: 899007

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 21.2 16.2 24.4

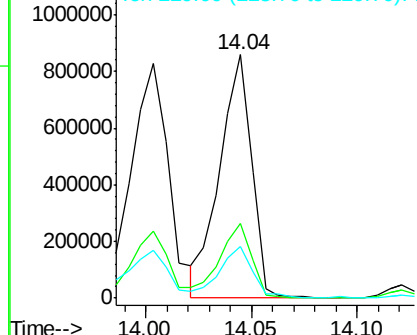
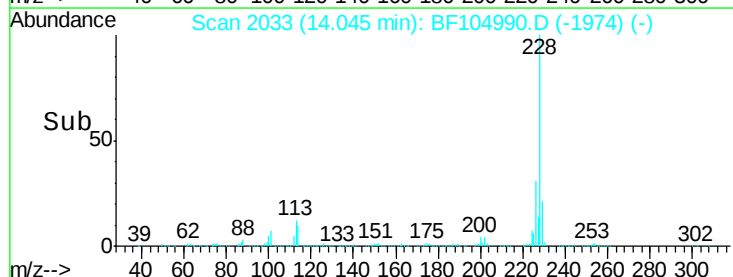


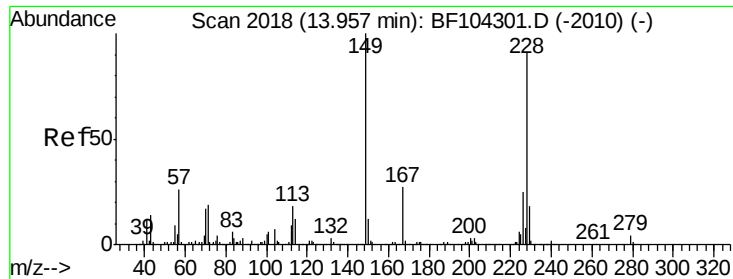
Abundance

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

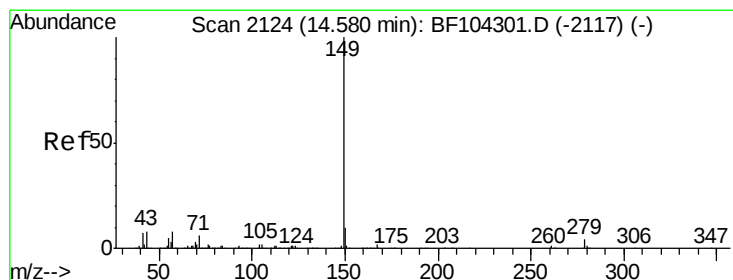
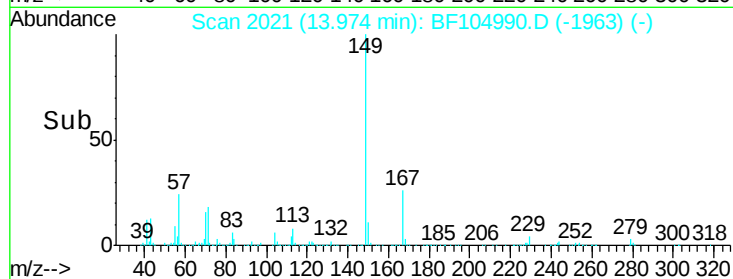
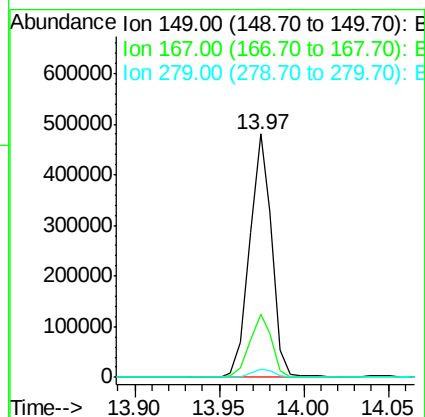
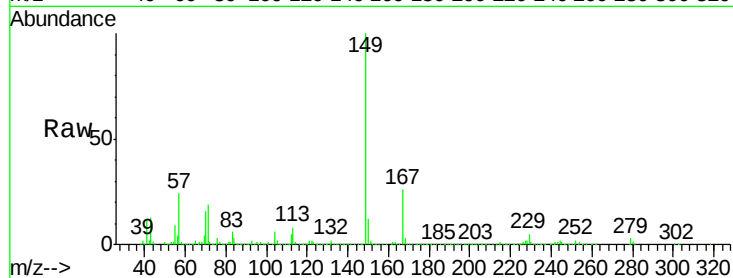




#83
Bis(2-ethylhexyl)phthalate
Concen: 45.700 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.04 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

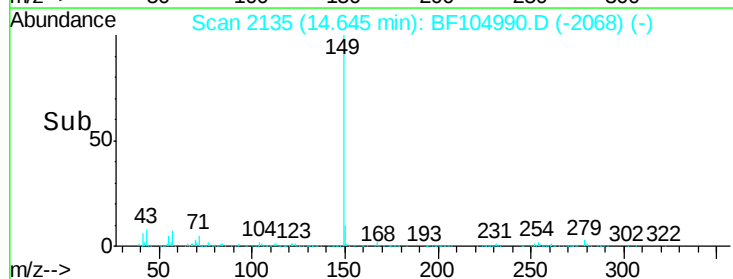
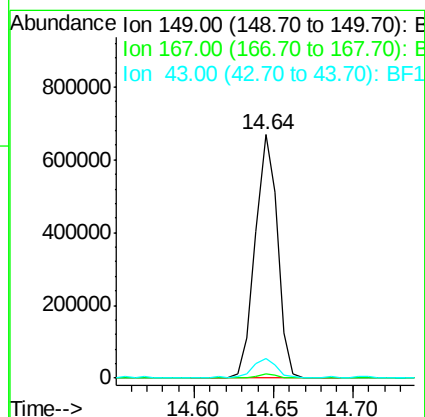
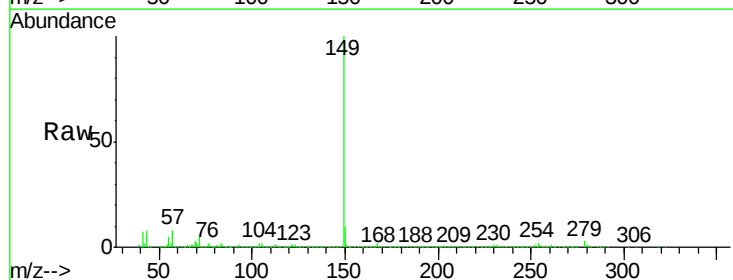
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

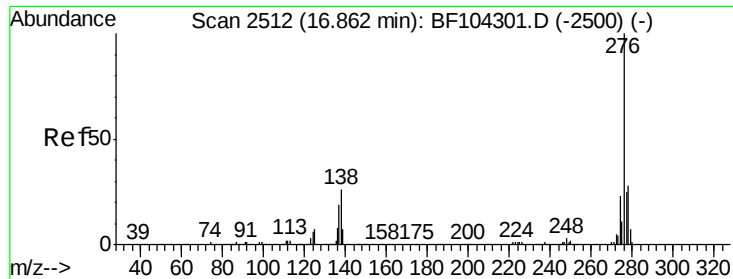
Tgt Ion:149 Resp: 435305
Ion Ratio Lower Upper
149 100
167 25.8 21.3 31.9
279 3.3 3.0 4.4



#84
Di-n-octyl phthalate
Concen: 40.867 ng
RT: 14.64 min Scan# 2135
Delta R.T. 0.09 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:149 Resp: 650427
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.7 8.4 12.6#

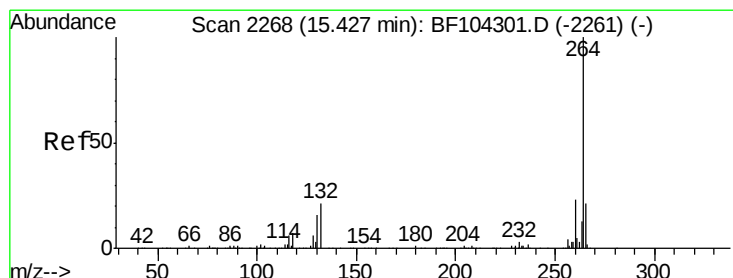
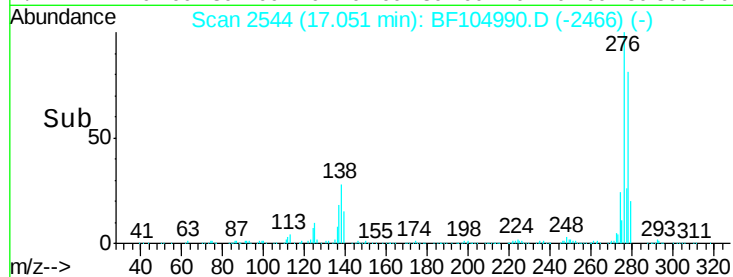
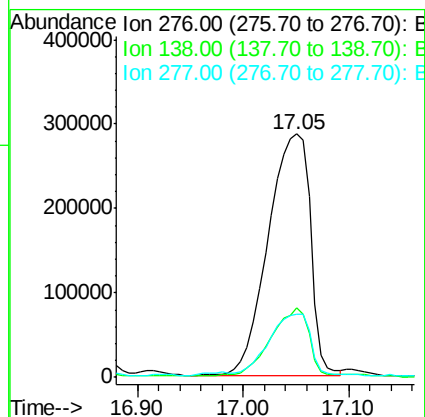
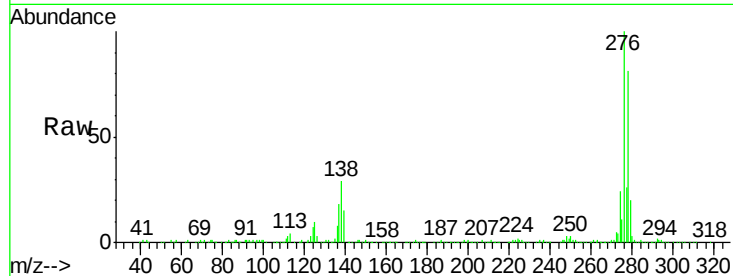




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.797 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.16 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

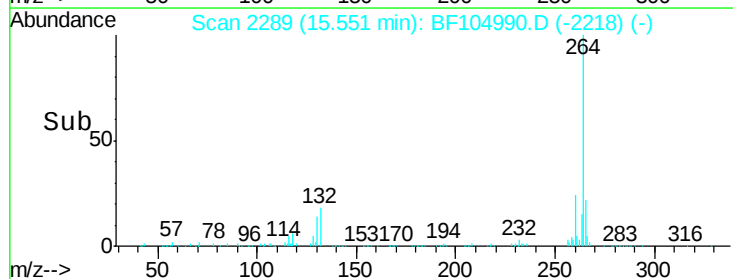
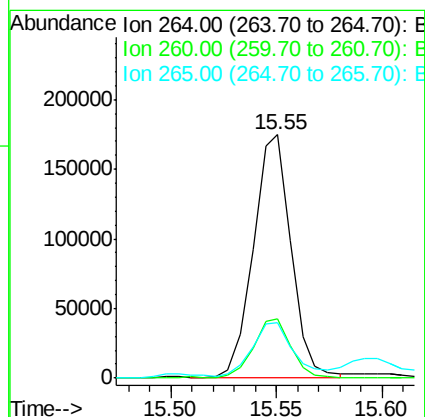
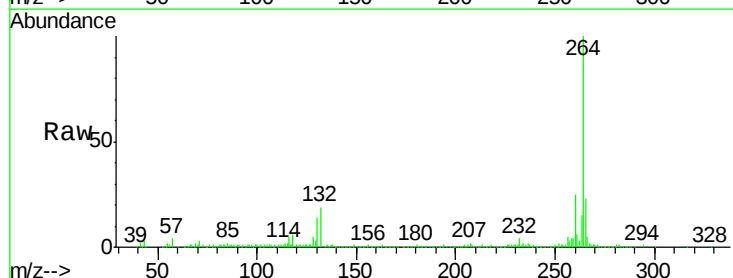
Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MS

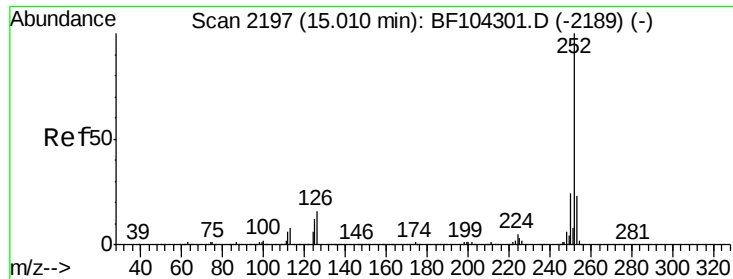
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.0	37.6
277	24.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.12 min
 Lab File: BF104990.D
 Acq: 1 May 2018 18:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.8	17.5	26.3

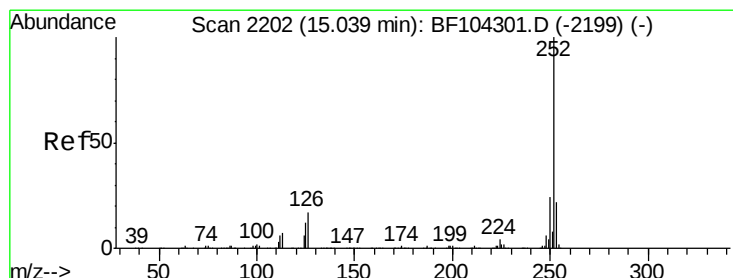
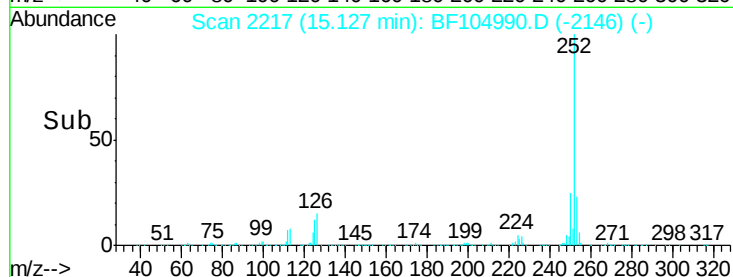
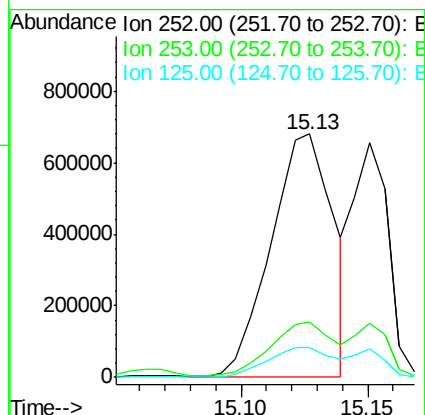
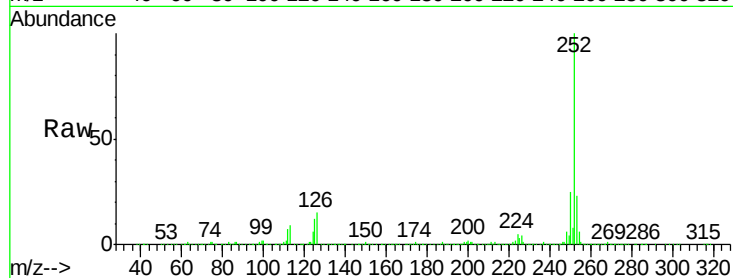




#87
Benzo(b)fluoranthene
Concen: 85.453 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.12 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

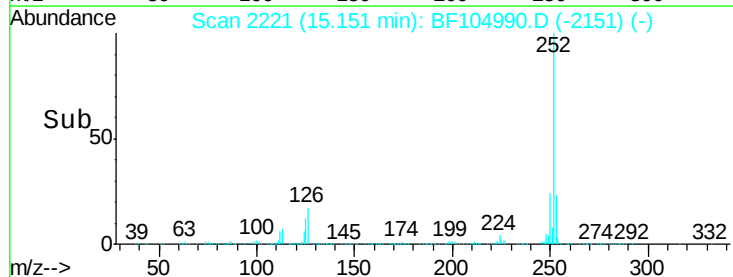
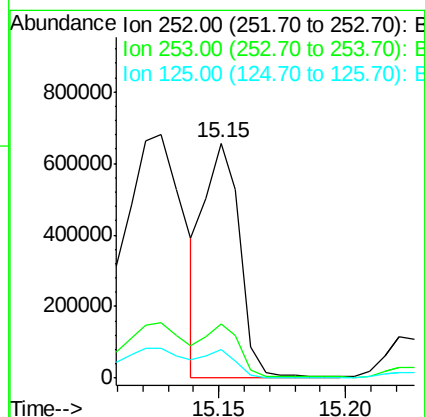
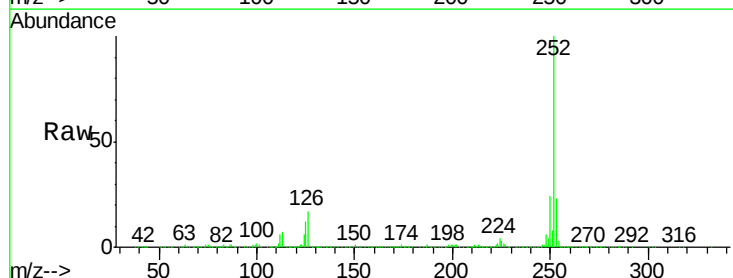
Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MS

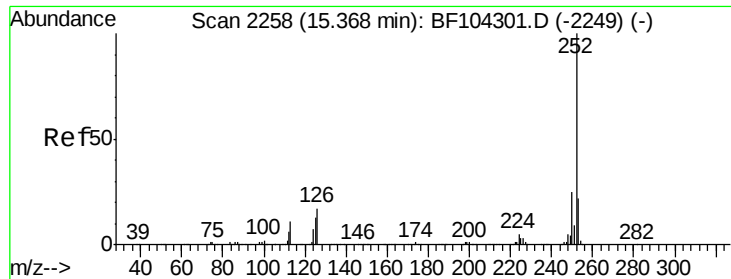
Tgt Ion:252 Resp: 1157829
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 49.760 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.11 min
Lab File: BF104990.D
Acq: 1 May 2018 18:07

Tgt Ion:252 Resp: 636523
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 75.650 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.12 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS

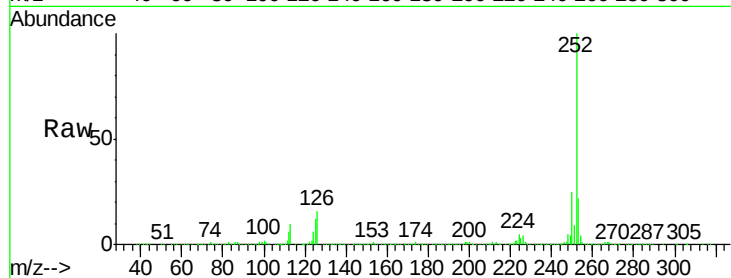
Tgt Ion:252 Resp: 917128

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

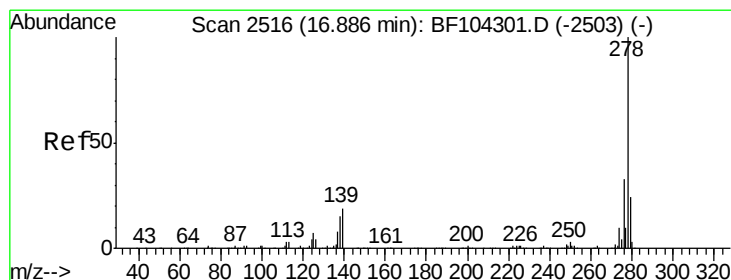
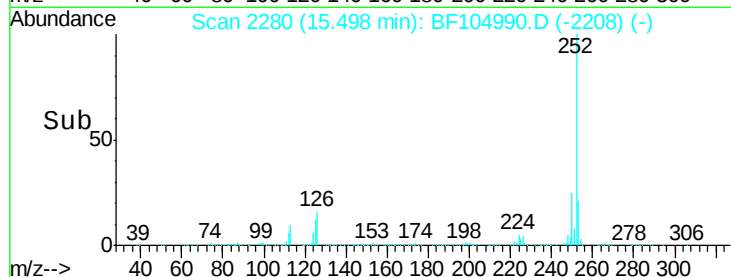
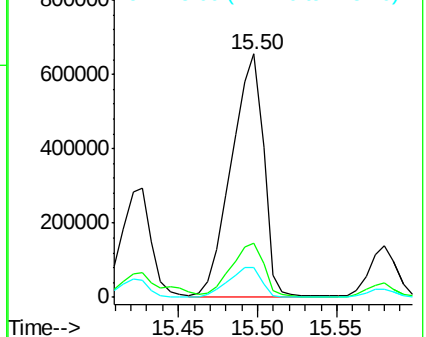
125 12.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.030 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.15 min

Lab File: BF104990.D

Acq: 1 May 2018 18:07

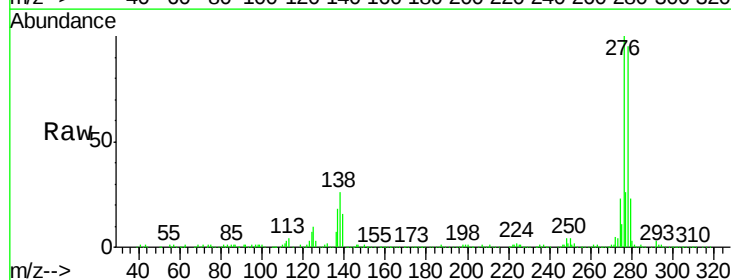
Tgt Ion:278 Resp: 438405

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

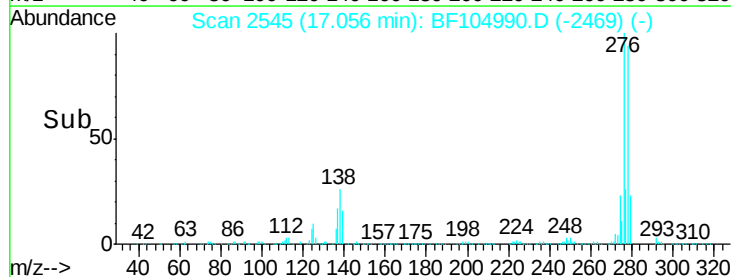
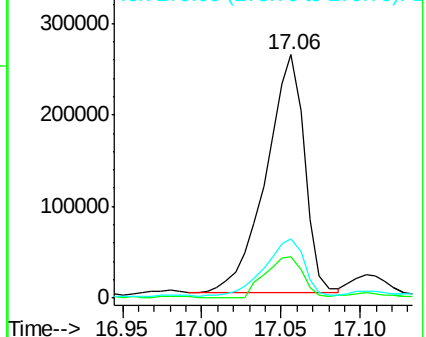
279 24.5 19.0 28.4

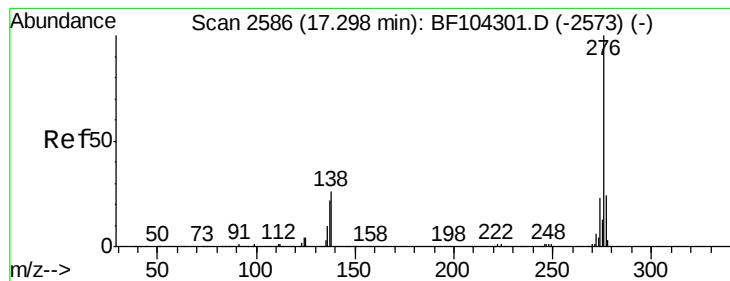


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 71.002 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.16 min

Lab File: BF104990.D

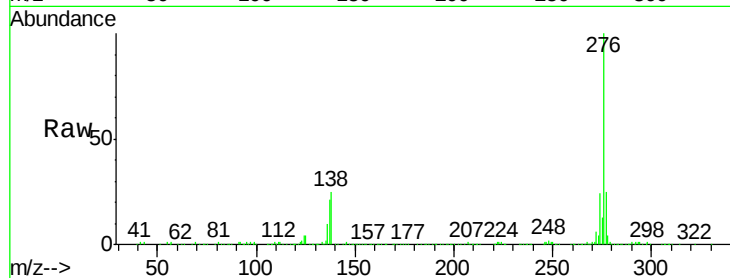
Acq: 1 May 2018 18:07

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MS



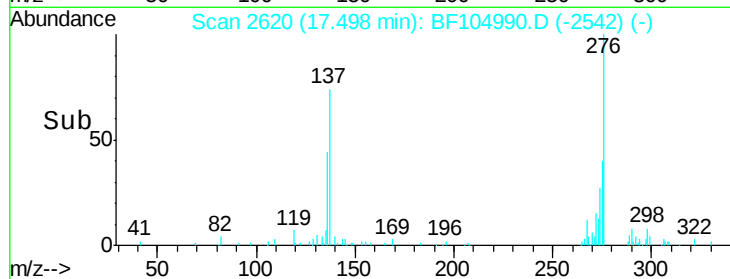
Tgt Ion: 276 Resp: 684928

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 24.7 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

