

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104972.D
 Acq On : 1 May 2018 9:34
 Operator : JU/SJ
 Sample : PB108718BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 11:18:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121774	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	489662	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	214205	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	342541	20.00	ng	0.00
75) Chrysene-d12	13.97	240	220662	20.00	ng	0.00
86) Perylene-d12	15.43	264	182556	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	641604	80.56	ng	0.01
7) Phenol-d6	6.43	99	772119	78.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	675107	90.03	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	172753	77.75	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1189992	87.76	ng	0.00
78) Terphenyl-d14	12.90	244	917285	94.77	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	110208	29.699	ng	# 88
3) Pyridine	3.32	79	316740	30.358	ng	87
4) n-Nitrosodimethylamine	3.29	42	125856	34.508	ng	# 77
6) Aniline	6.46	93	146844	10.801	ng	89
8) 2-Chlorophenol	6.58	128	334786	39.828	ng	91
9) Benzaldehyde	6.34	77	109117	18.228	ng	94
10) Phenol	6.45	94	389592	37.524	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	301561	36.397	ng	94
12) 1,3-Dichlorobenzene	6.73	146	348756	36.623	ng	98
13) 1,4-Dichlorobenzene	6.80	146	353006	37.188	ng	99
14) 1,2-Dichlorobenzene	6.96	146	325160	36.964	ng	98
15) Benzyl Alcohol	6.94	79	249800	33.611	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	342168	30.752	ng	51
17) 2-Methylphenol	7.05	107	270480	37.018	ng	94
18) Hexachloroethane	7.30	117	116708	34.483	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	209925	32.830	ng	91
20) 3+4-Methylphenols	7.21	107	335841	37.060	ng	# 78
22) Acetophenone	7.20	105	436633	36.219	ng	99
24) Nitrobenzene	7.38	77	325540	39.320	ng	95
25) Isophorone	7.62	82	592622	37.372	ng	99
26) 2-Nitrophenol	7.69	139	170040	50.449	ng	95
27) 2,4-Dimethylphenol	7.73	122	290402	41.495	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	385890	39.801	ng	98
29) 2,4-Dichlorophenol	7.94	162	272401	40.794	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	277286	37.838	ng	99
31) Naphthalene	8.10	128	918670	37.677	ng	100
32) Benzoic acid	7.90	122	18200	3.259	ng	94
33) 4-Chloroaniline	8.15	127	52143	4.992	ng	97
34) Hexachlorobutadiene	8.20	225	150692	37.542	ng	99
35) Caprolactam	8.53	113	63557	27.284	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	281993	39.384	ng	99
37) 2-Methylnaphthalene	8.79	142	606582	38.460	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	262472	42.805	ng	98
40) Hexachlorocyclopentadiene	8.93	237	60490	17.621	ng	100

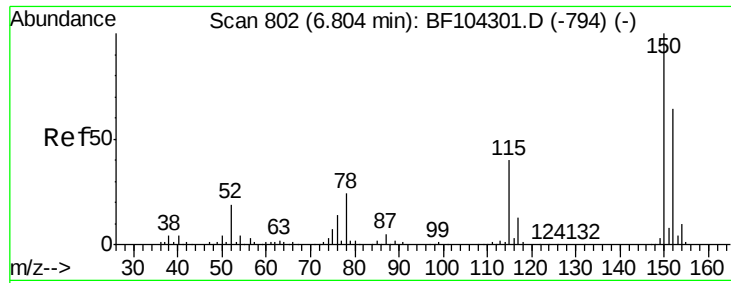
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	172032	40.415	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	183296	38.481	ng	99
45) 1,1'-Biphenyl	9.25	154	706266	39.249	ng	99
46) 2-Chloronaphthalene	9.28	162	553640	38.952	ng	99
47) 2-Nitroaniline	9.38	65	161364	45.907	ng	94
48) Acenaphthylene	9.69	152	805557	36.123	ng	100
49) Dimethylphthalate	9.55	163	676092	40.025	ng	100
50) 2,6-Dinitrotoluene	9.62	165	145981	46.705	ng	97
51) Acenaphthene	9.86	154	480304	35.300	ng	99
52) 3-Nitroaniline	9.79	138	75229	20.559	ng	97
53) 2,4-Dinitrophenol	9.91	184	24786	29.431	ng	# 21
54) Dibenzofuran	10.04	168	700632	36.950	ng	99
55) 4-Nitrophenol	9.97	139	167889	58.408	ng	98
56) 2,4-Dinitrotoluene	10.03	165	169369	41.310	ng	97
57) Fluorene	10.38	166	552272	40.014	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	132207	37.204	ng	93
59) Diethylphthalate	10.25	149	639733	38.027	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	264381	43.012	ng	99
61) 4-Nitroaniline	10.41	138	130834	36.568	ng	98
62) Azobenzene	10.53	77	551047	34.285	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	26212	20.654	ng	89
65) n-Nitrosodiphenylamine	10.49	169	502286	42.291	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	158083	43.387	ng	# 89
67) Hexachlorobenzene	10.93	284	167994	40.977	ng	95
68) Atrazine	11.02	200	157603	43.962	ng	100
69) Pentachlorophenol	11.13	266	120654	47.571	ng	98
70) Phenanthrene	11.34	178	727113	38.117	ng	99
71) Anthracene	11.40	178	755692	38.972	ng	99
72) Carbazole	11.56	167	668437	35.277	ng	99
73) Di-n-butylphthalate	11.87	149	918364	39.676	ng	99
74) Fluoranthene	12.53	202	663795	33.305	ng	99
76) Benzidine	12.66	184	261792	33.314	ng	97
77) Pyrene	12.76	202	652189	39.874	ng	99
79) Butylbenzylphthalate	13.37	149	321761	41.756	ng	99
80) Benzo(a)anthracene	13.96	228	545449	41.376	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	164078	33.382	ng	98
82) Chrysene	13.99	228	524625	38.745	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	448667	45.268	ng	100
84) Di-n-octyl phthalate	14.54	149	708186	42.762	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.88	276	390581	33.956	ng	96
87) Benzo(b)fluoranthene	15.00	252	474712	41.172	ng	99
88) Benzo(k)fluoranthene	15.03	252	454189	41.725	ng	97
89) Benzo(a)pyrene	15.36	252	425350	41.230	ng	99
90) Dibenzo(a,h)anthracene	16.89	278	333014	39.303	ng	97
91) Benzo(g,h,i)perylene	17.32	276	315570	38.443	ng	95

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

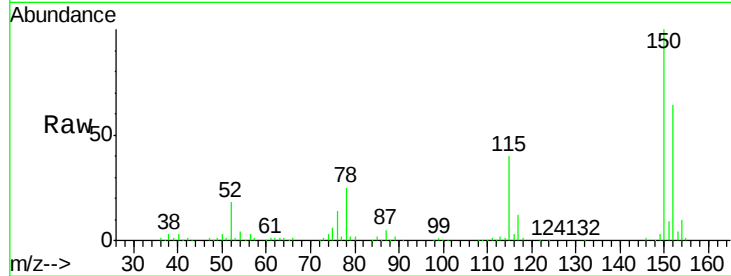


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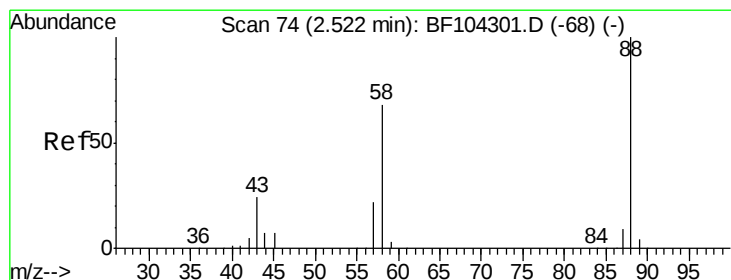
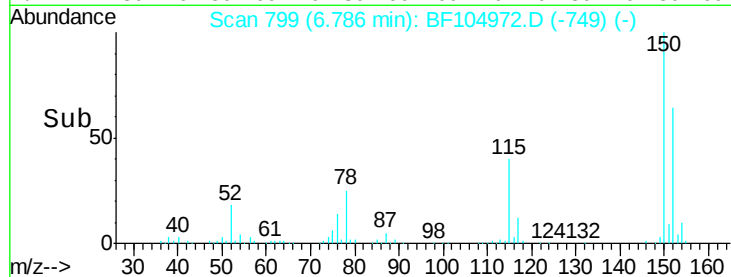
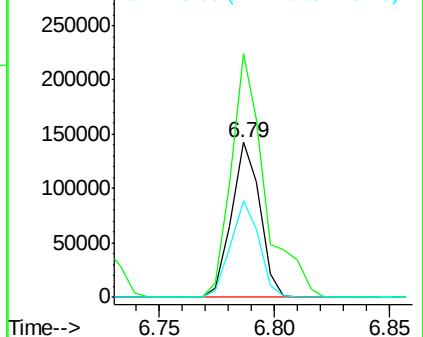
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121774
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.7 50.1 75.1



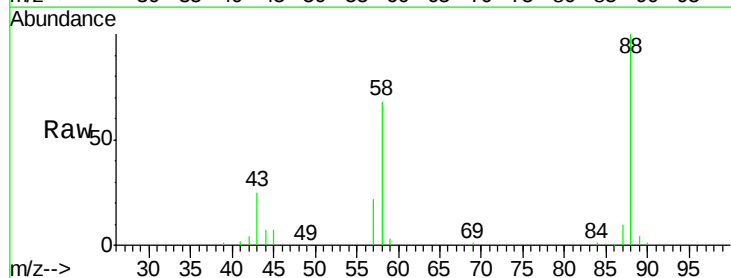
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



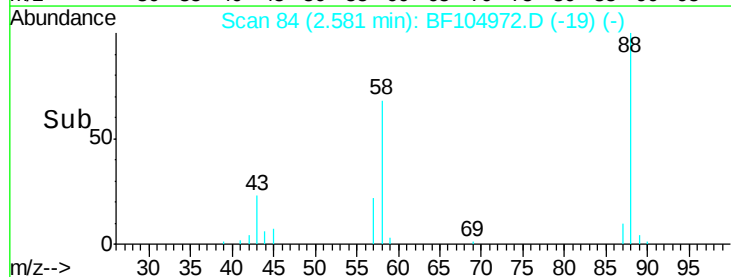
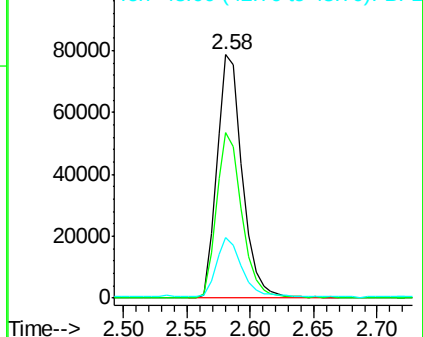
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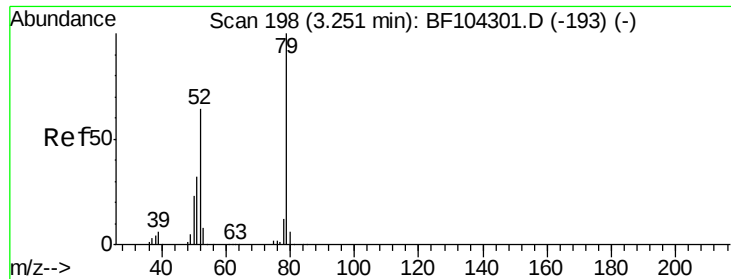
1,4-Dioxane
Concen: 29.699 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion: 88 Resp: 110208
Ion Ratio Lower Upper
88 100
58 67.8 62.6 93.8
43 24.5 24.6 37.0#



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





#3

Pvridine

Concen: 30.358 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.08 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

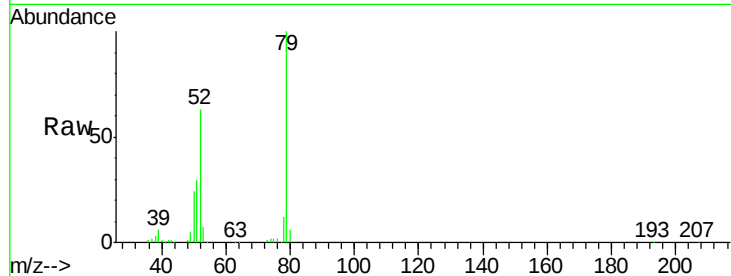
Tot Ion: 79 Resp: 316740

Ion Ratio Lower Upper

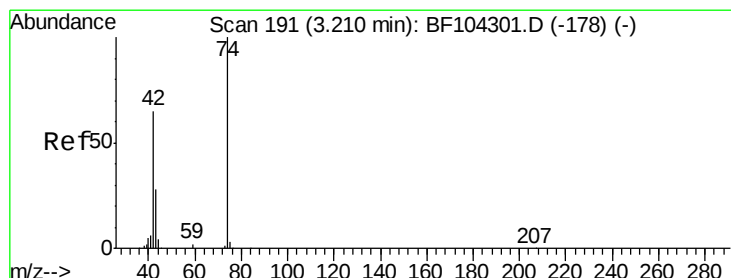
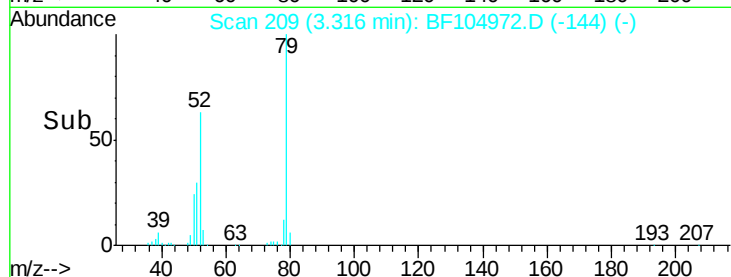
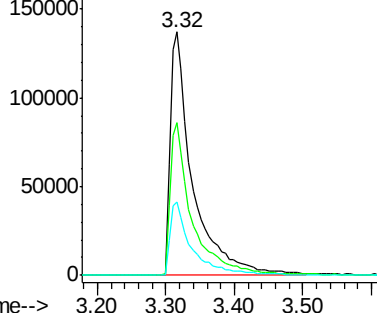
79 100

52 62.7 59.8 89.6

51 30.1 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 34.508 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.08 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

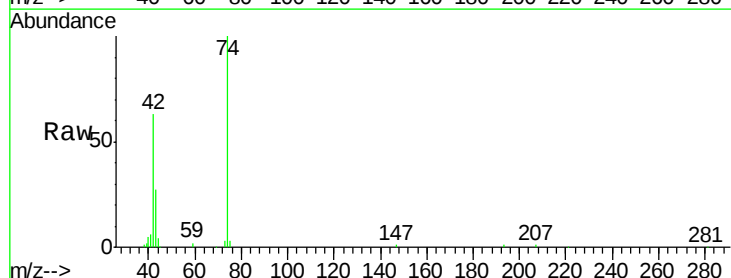
Tgt Ion: 42 Resp: 125856

Ion Ratio Lower Upper

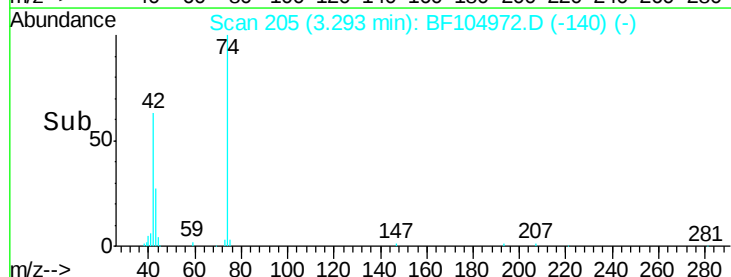
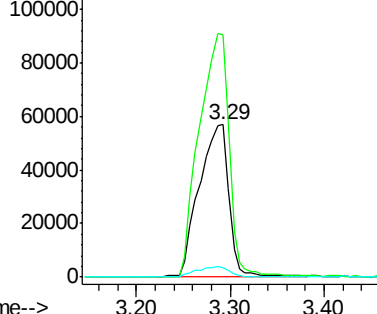
42 100

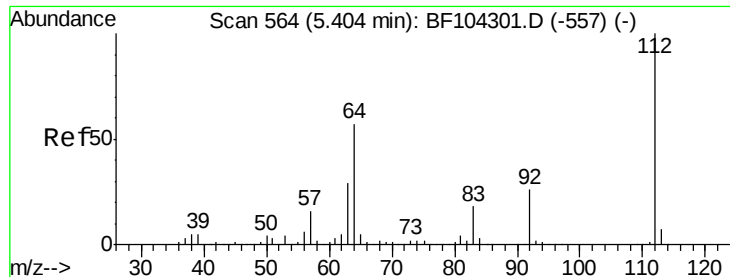
74 158.8 104.9 157.3#

44 6.4 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 80.563 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104972.D

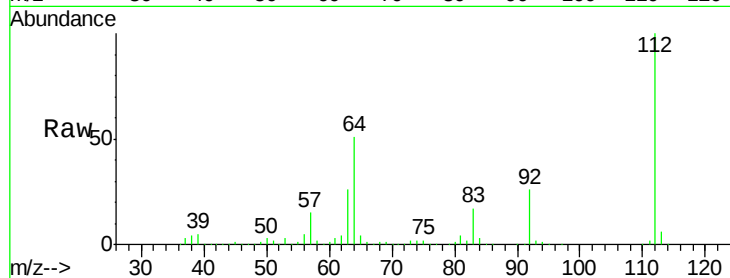
Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	641604
Ion	Ratio	Lower	Upper
112	100		
64	50.9	47.9	71.9
63	26.4	23.7	35.5

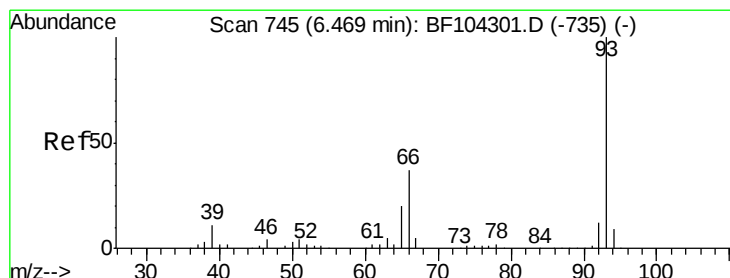
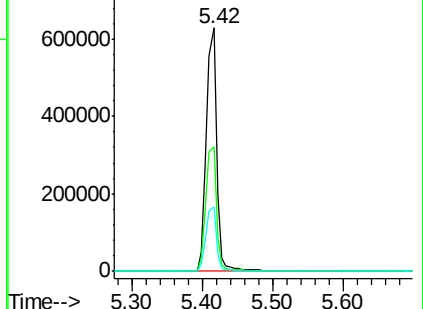
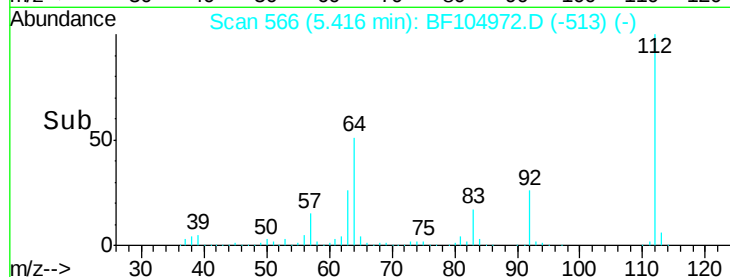


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



#6

Aniline

Concen: 10.801 ng

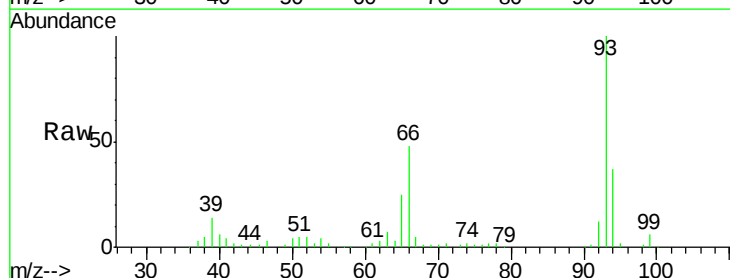
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Tgt Ion:	93	Resp:	146844
Ion	Ratio	Lower	Upper
93	100		
66	48.0	32.2	48.2
65	24.6	16.4	24.6

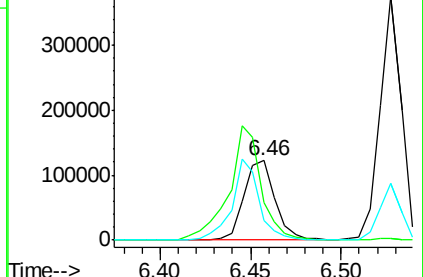
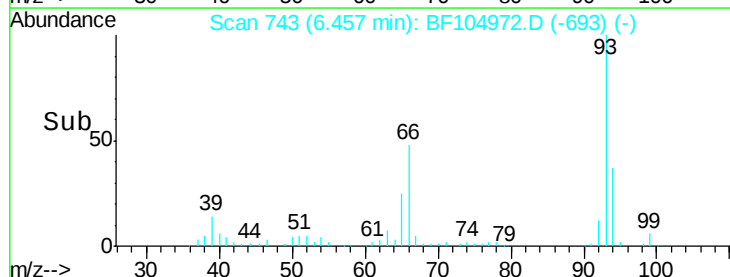


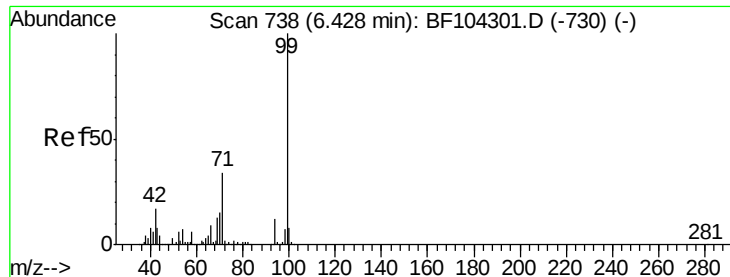
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->





#7

Phenol-d6

Concen: 78.907 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

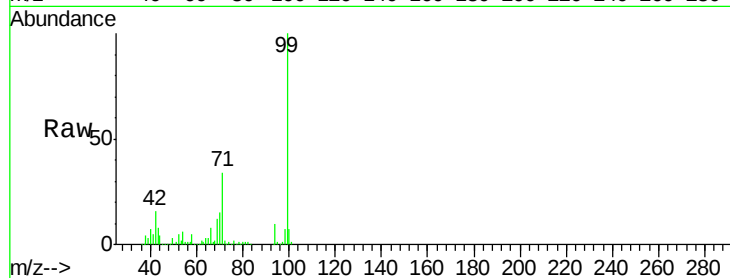
Tot Ion: 99 Resp: 772119

Ion Ratio Lower Upper

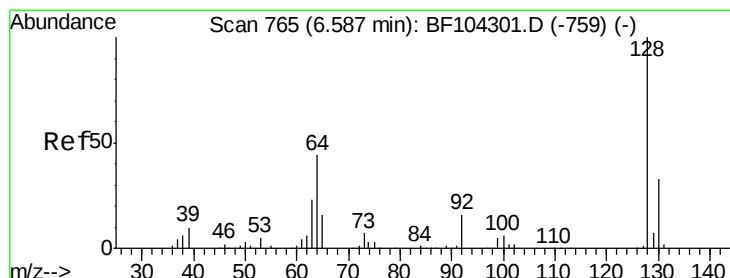
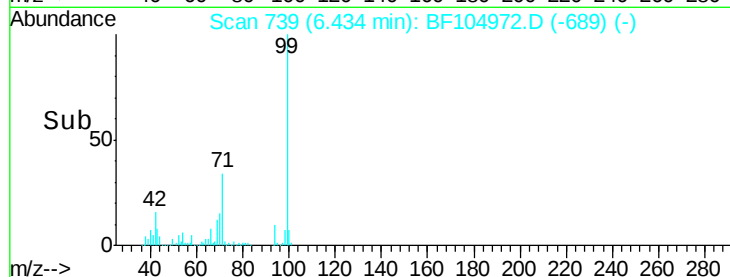
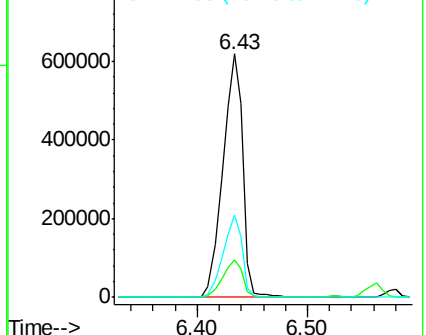
99 100

42 15.6 14.5 21.7

71 33.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.828 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

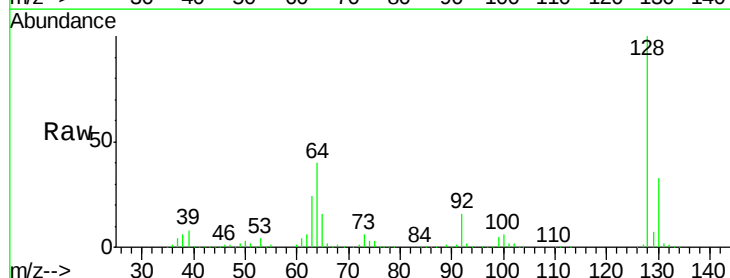
Tgt Ion: 128 Resp: 334786

Ion Ratio Lower Upper

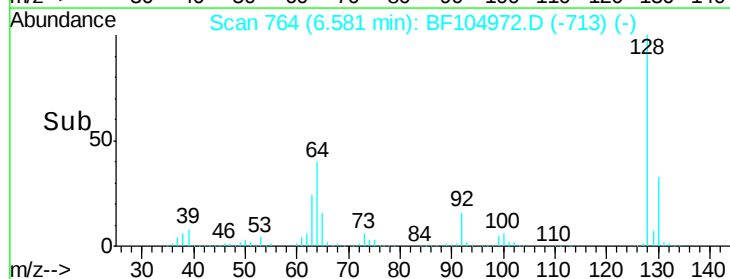
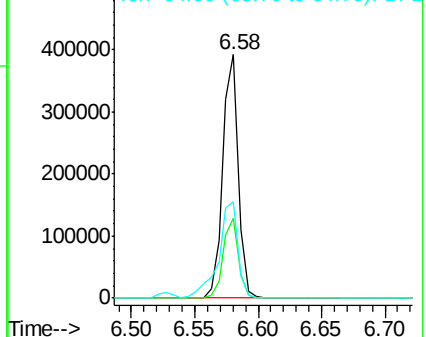
128 100

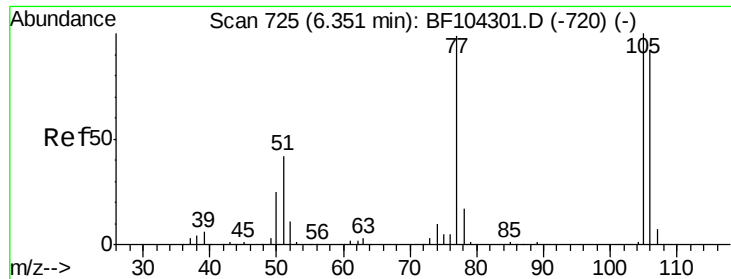
130 32.6 13.0 53.0

64 39.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

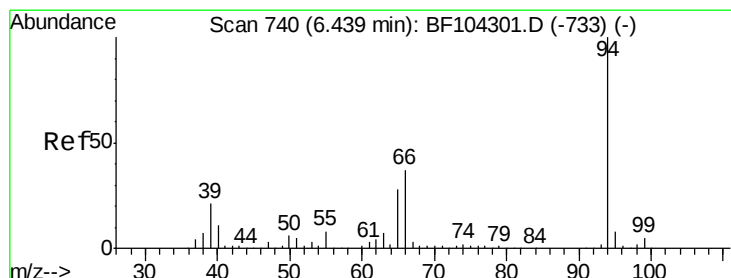
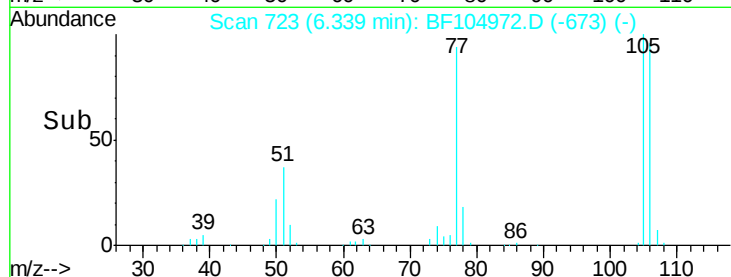
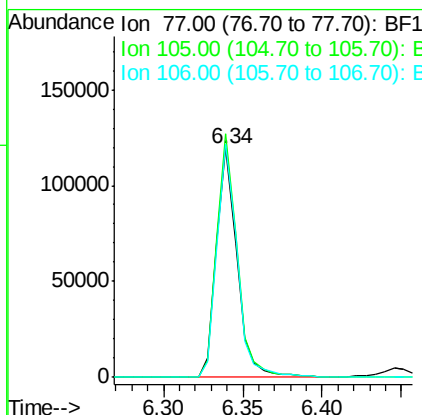
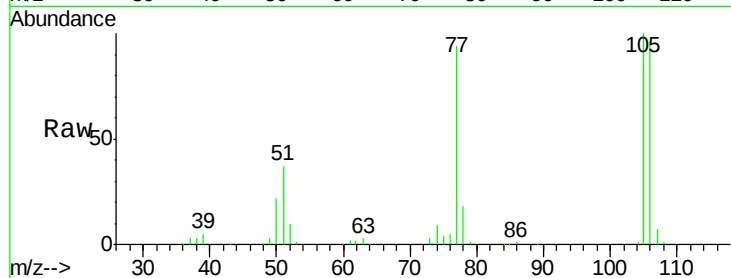




#9
Benzaldehyde
Concen: 18.228 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

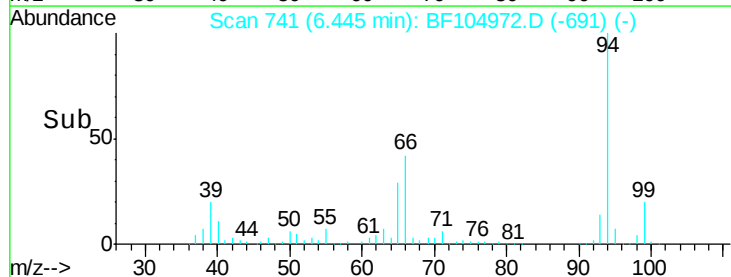
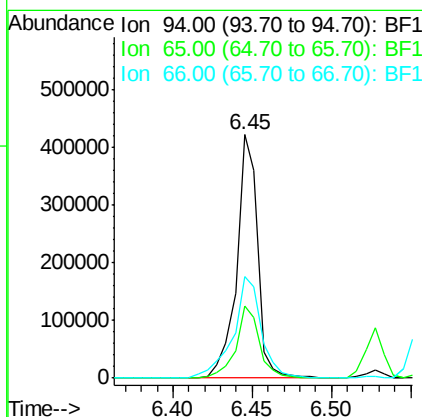
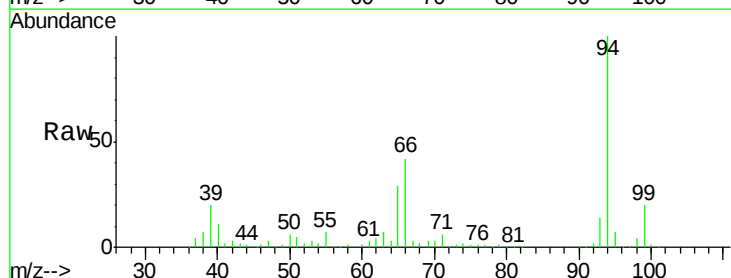
Instrument :
BNA_F
ClientSampleId :

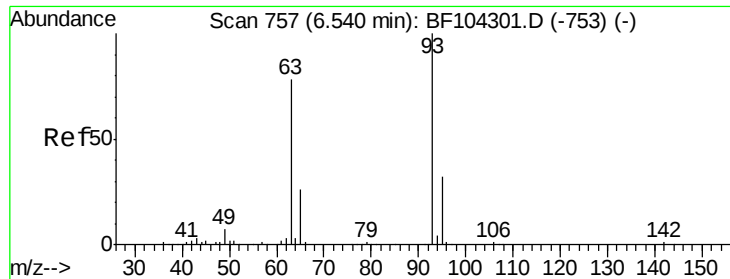
Tot Ion: 77 Resp: 109117
Ion Ratio Lower Upper
77 100
105 106.3 81.1 121.1
106 101.8 74.5 114.5



#10
Phenol
Concen: 37.524 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion: 94 Resp: 389592
Ion Ratio Lower Upper
94 100
65 29.4 7.9 47.9
66 41.5 16.2 56.2

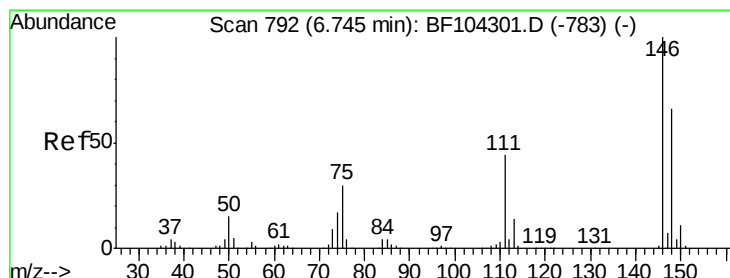
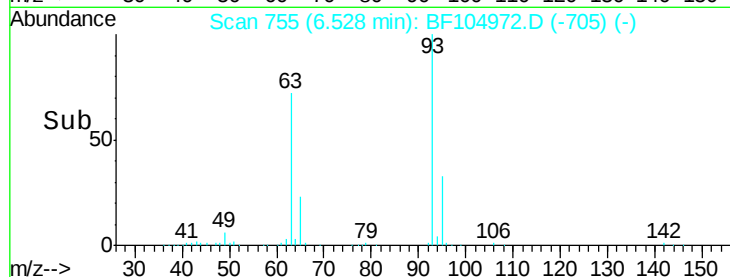
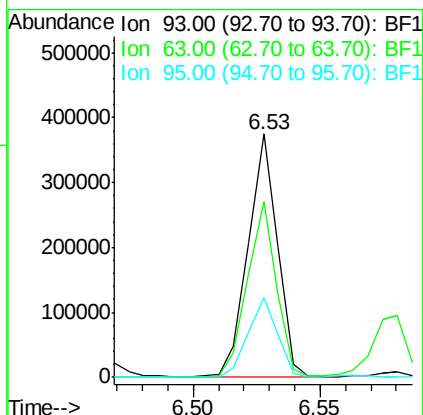
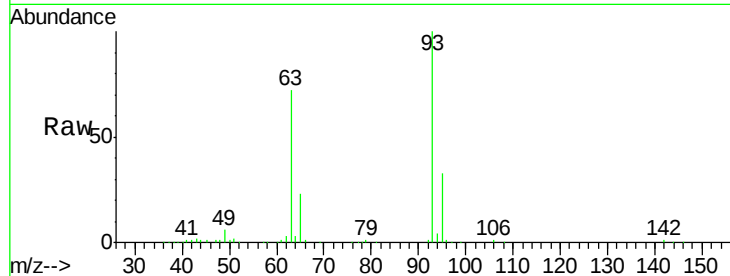




#11
 bis(2-Chloroethyl)ether
 Concen: 36.397 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

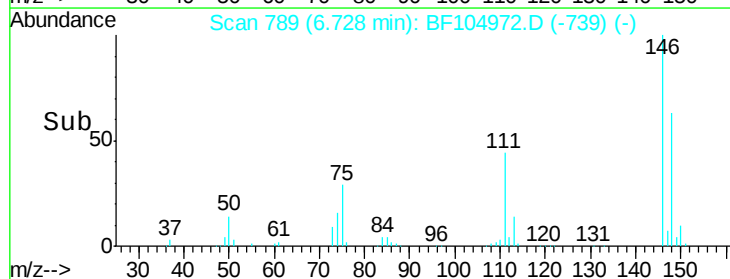
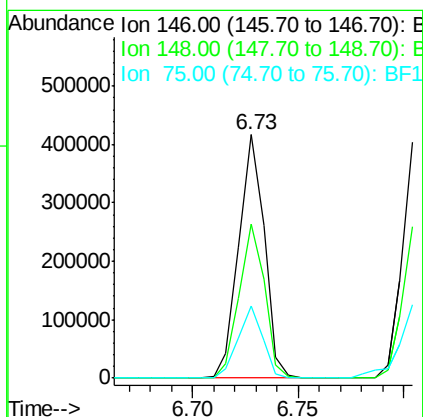
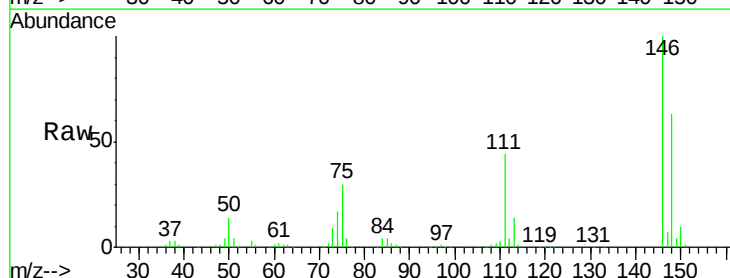
Instrument :
 BNA_F
 ClientSampleId :

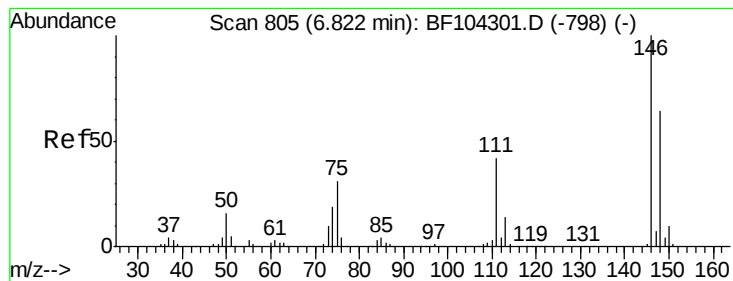
Tot Ion: 93 Resp: 301561
 Ion Ratio Lower Upper
 93 100
 63 72.4 58.6 98.6
 95 32.9 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 36.623 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion: 146 Resp: 348756
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.188 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

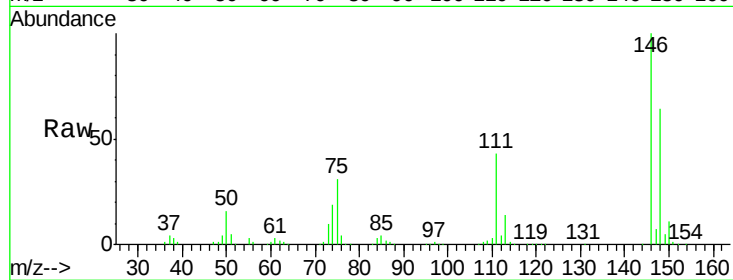
Tot Ion:146 Resp: 353006

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

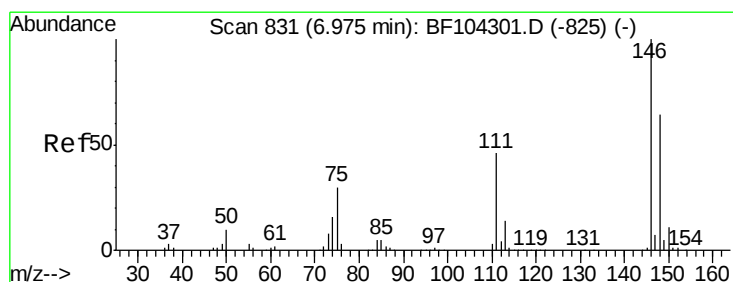
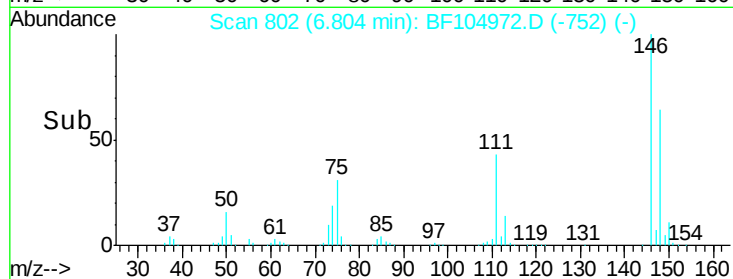
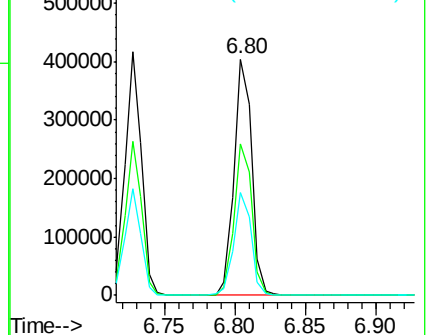
111 43.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.964 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

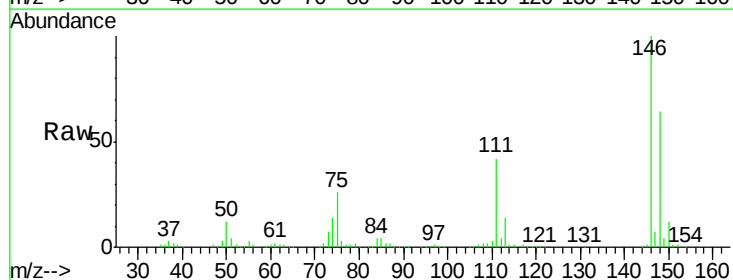
Tgt Ion:146 Resp: 325160

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

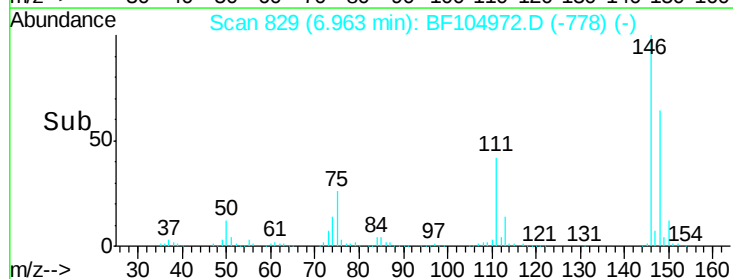
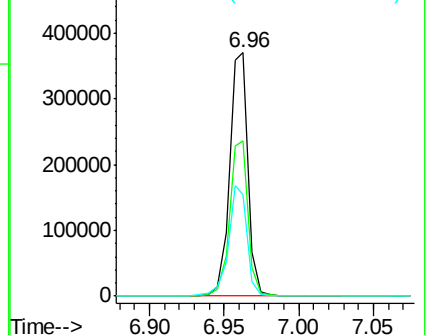
111 41.5 36.0 54.0

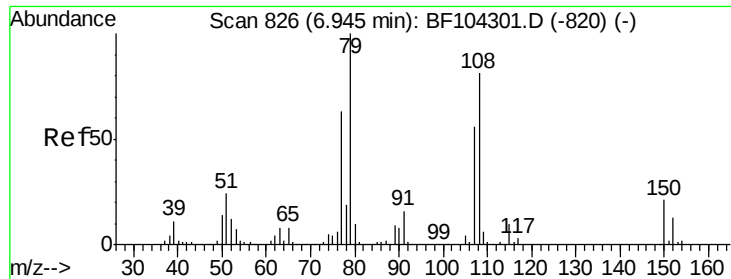


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.611 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

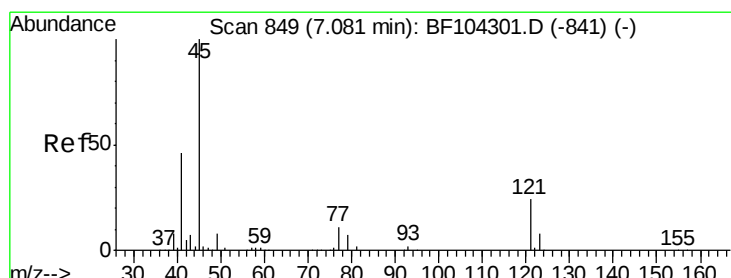
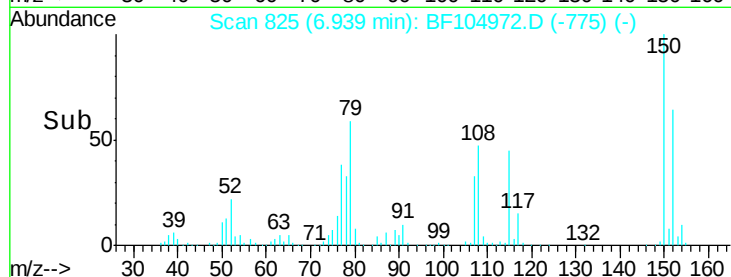
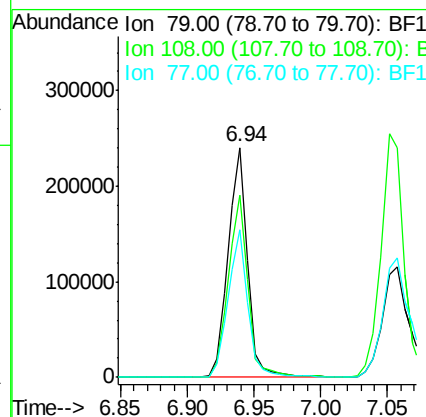
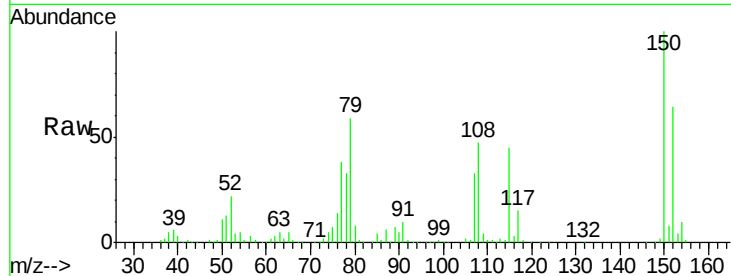
Tot Ion: 79 Resp: 249800

Ion Ratio Lower Upper

79 100

108 79.1 65.1 97.7

77 64.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.752 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

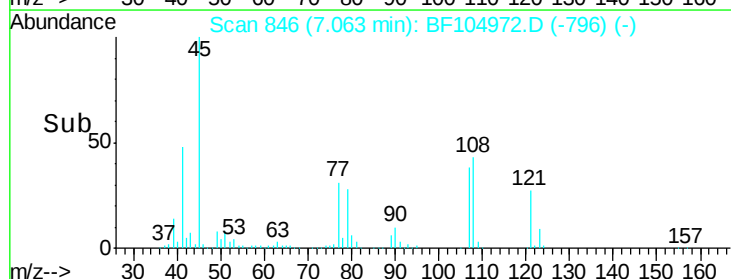
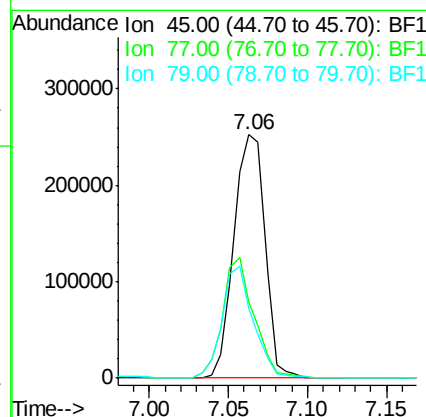
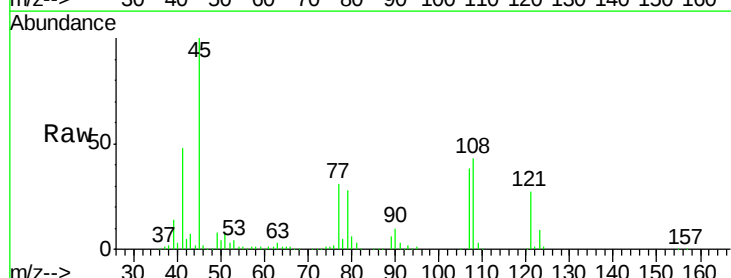
Tgt Ion: 45 Resp: 342168

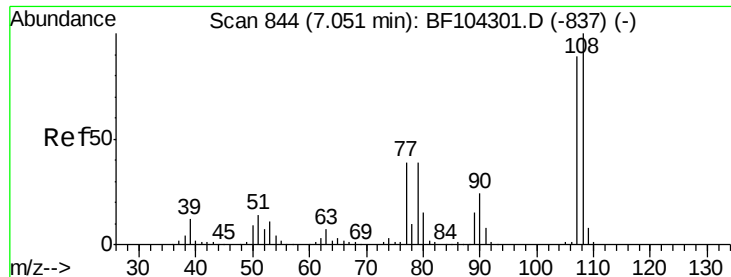
Ion Ratio Lower Upper

45 100

77 31.3 0.0 32.9

79 28.4 0.0 29.6

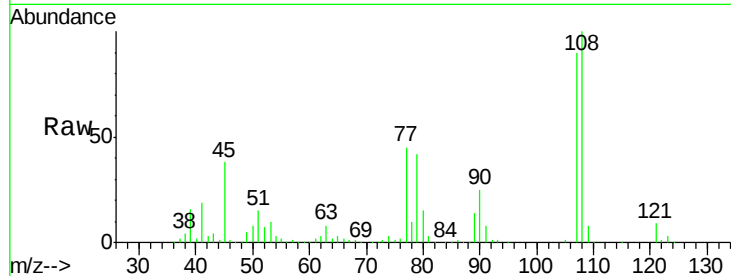




#17
2-Methylphenol
Concen: 37.018 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.7	91.7	137.5
77	49.9	33.8	50.8
79	46.9	33.8	50.8



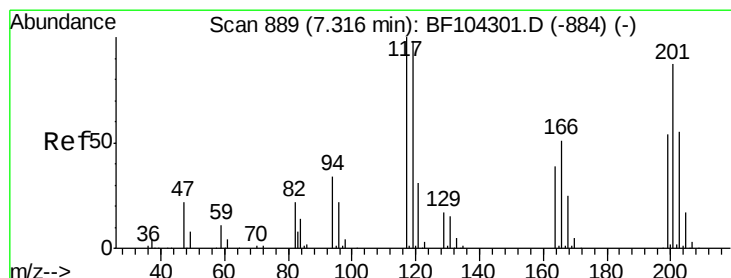
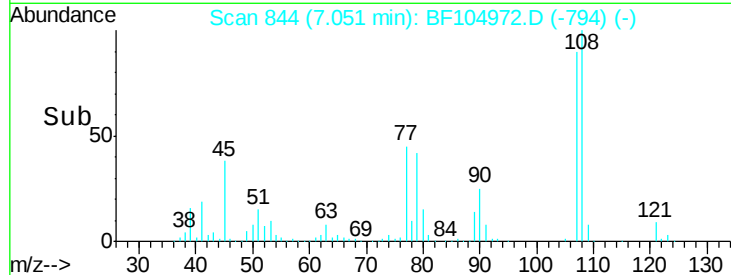
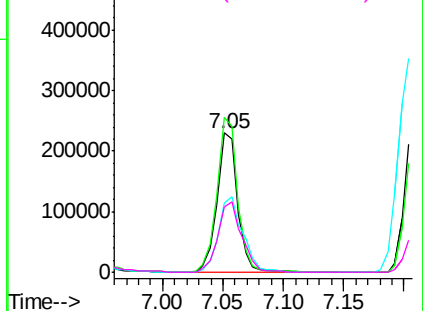
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

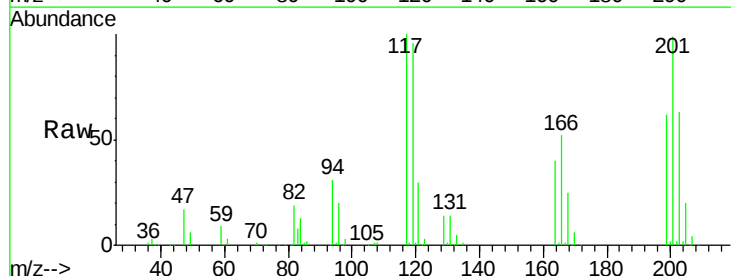
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.483 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	99.2	75.7	113.5

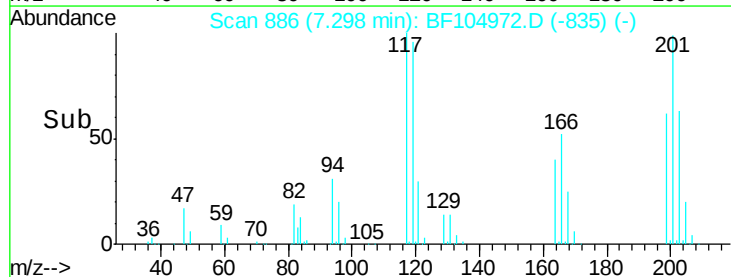
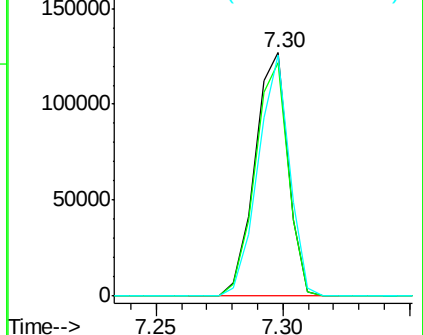


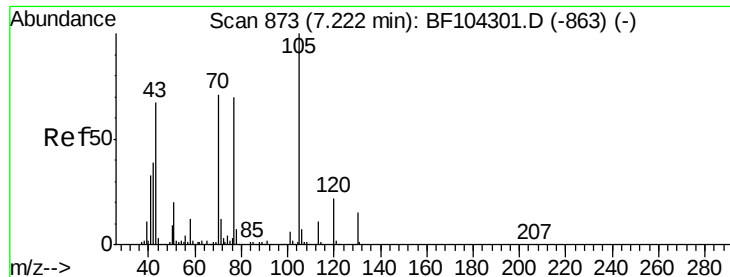
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

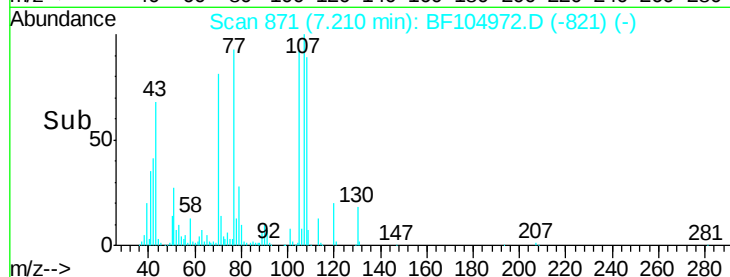
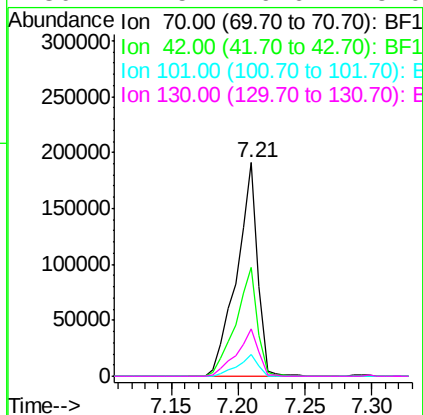
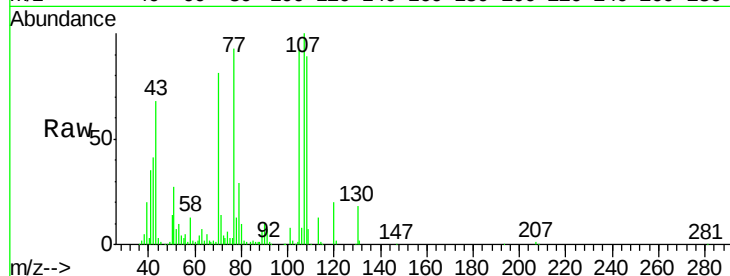




#19
n-Nitroso-di-n-propylamine
Concen: 32.830 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

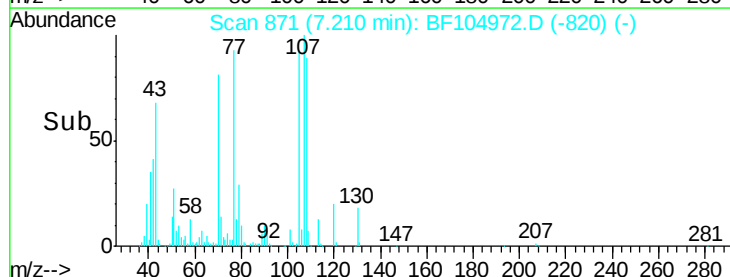
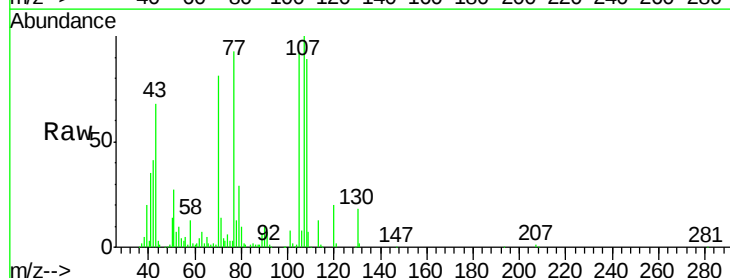
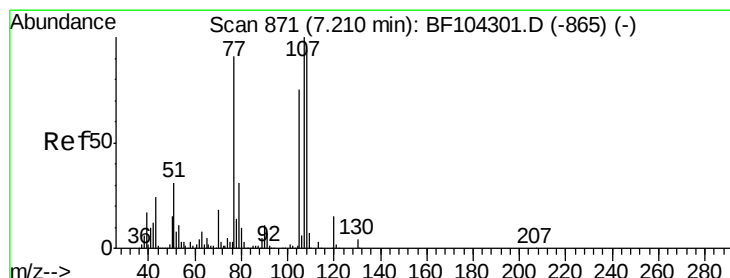
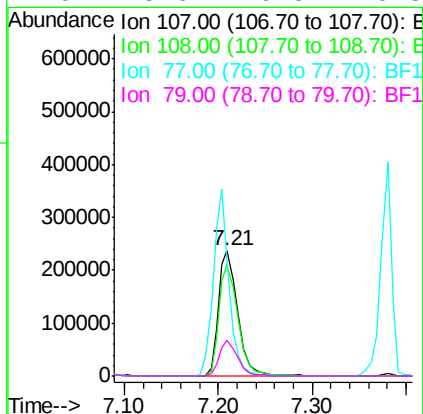
Instrument :
BNA_F
ClientSampled :

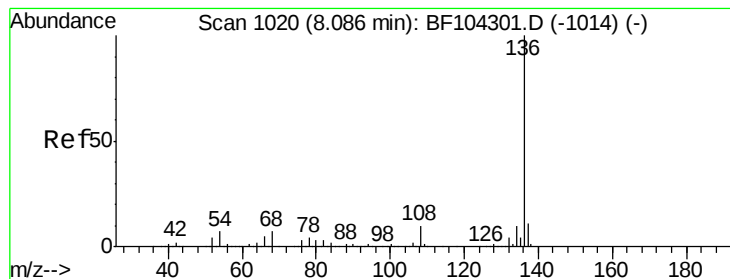
Tot Ion: 70 Resp: 209925
Ion Ratio Lower Upper
70 100
42 50.9 47.5 71.3
101 10.1 7.4 11.2
130 22.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.060 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion:107 Resp: 335841
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 93.5 26.7 66.7#
79 28.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 489662

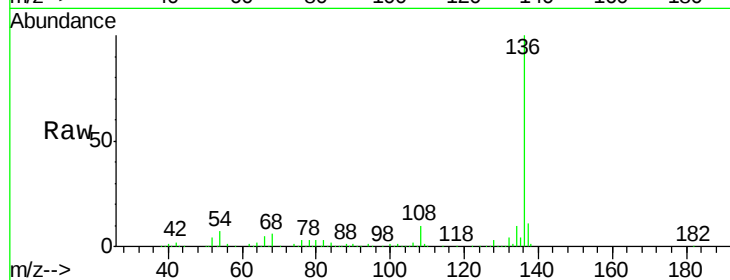
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 6.6 9.8

68 5.8 5.0 7.4

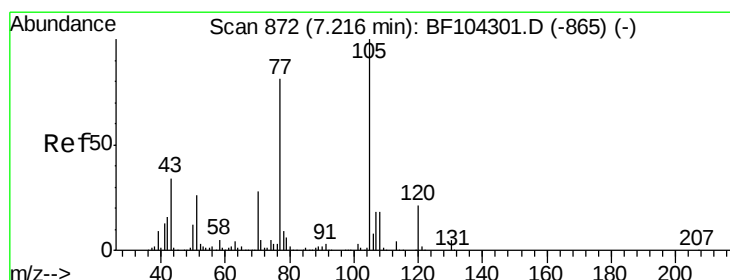
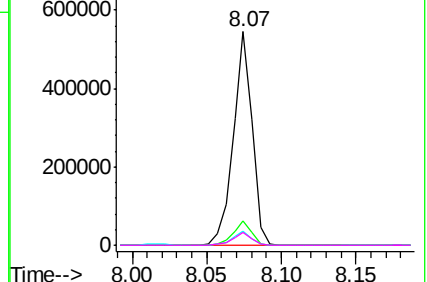
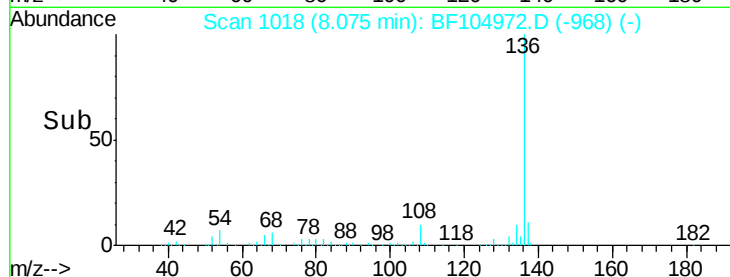


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.219 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Tgt Ion:105 Resp: 436633

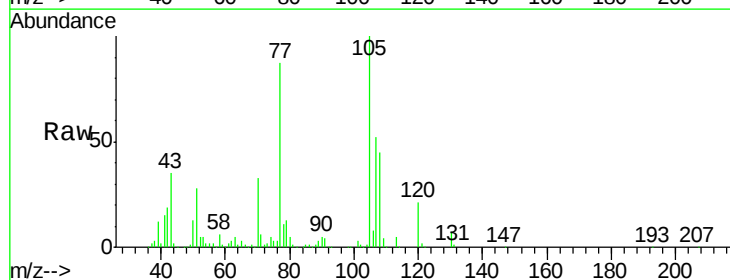
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 27.6 22.3 33.5

120 21.4 16.9 25.3

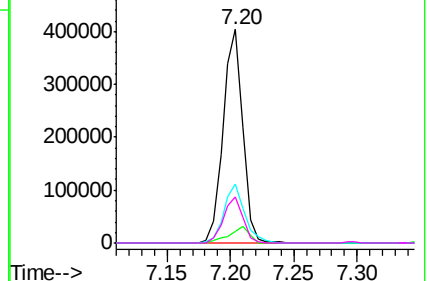
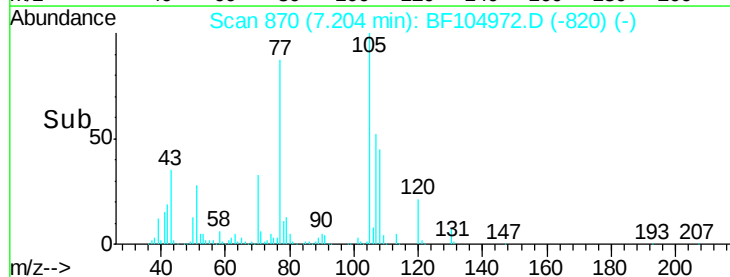


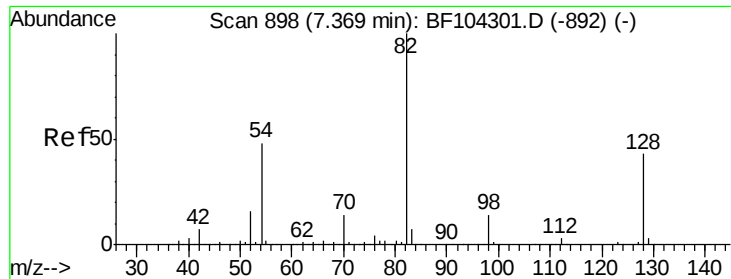
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

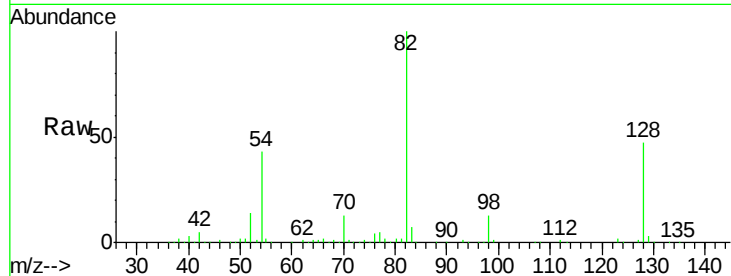




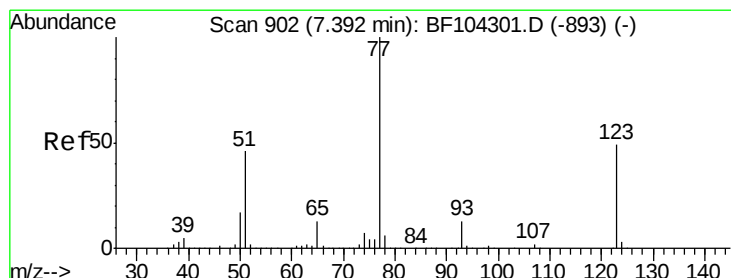
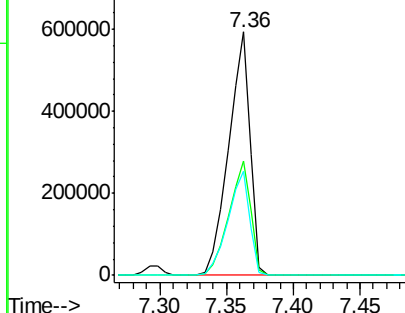
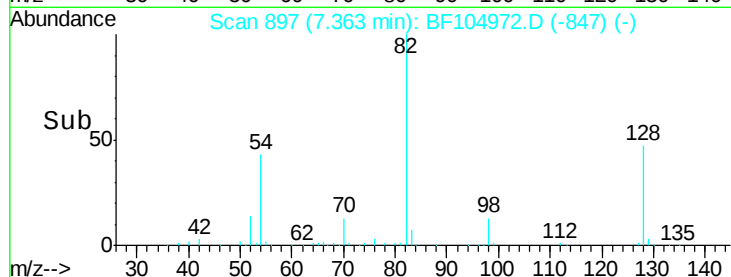
#23
 Nitrobenzene-d5
 Concen: 90.028 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	675107
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.1	54.1
54	42.8	41.4	62.2

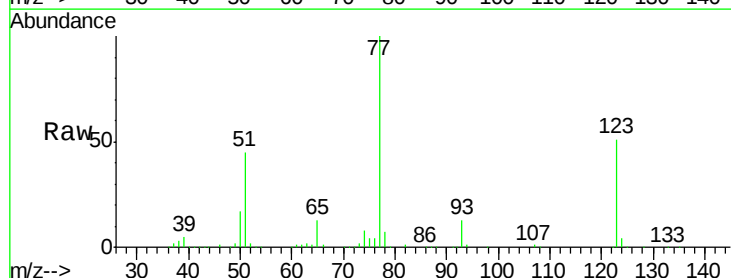


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

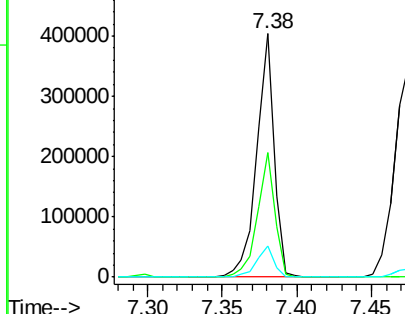
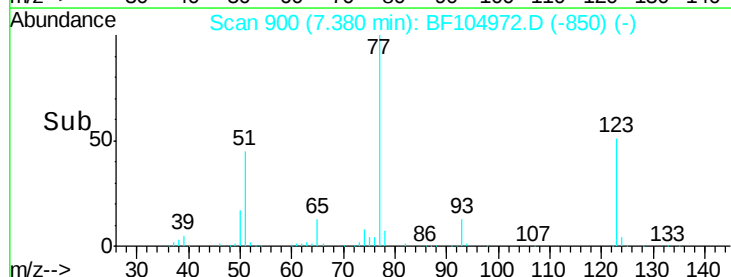


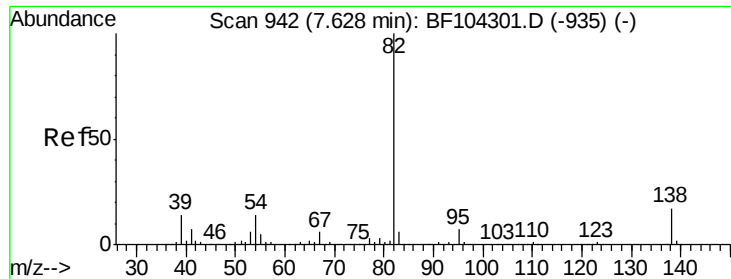
#24
 Nitrobenzene
 Concen: 39.320 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion	77	Resp	325540
Ion Ratio	Lower	Upper	
77	100		
123	51.1	37.9	56.9
65	12.8	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: 37.372 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

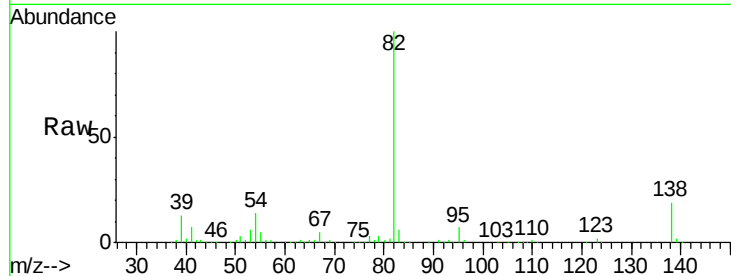
Tot Ion: 82 Resp: 592622

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

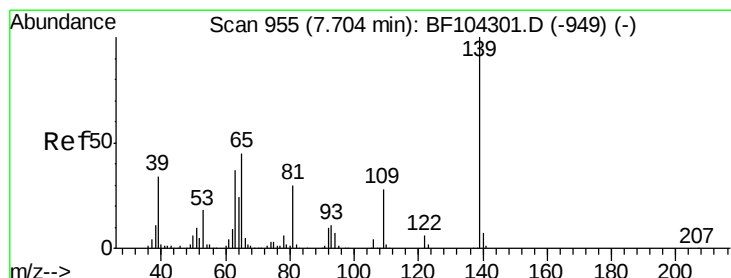
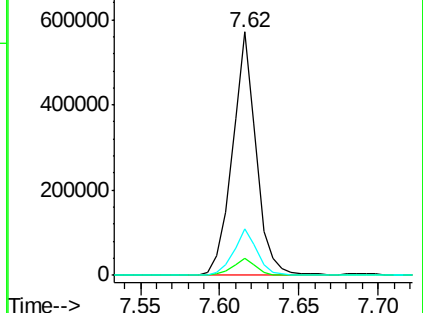
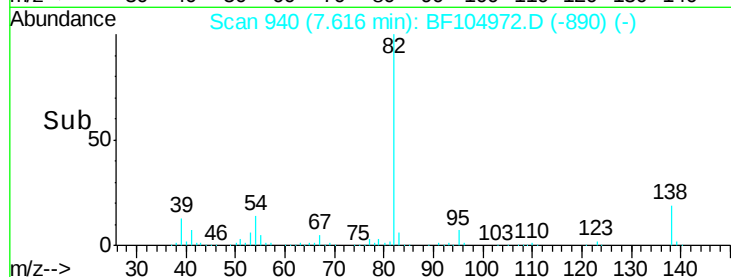
138 19.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.449 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

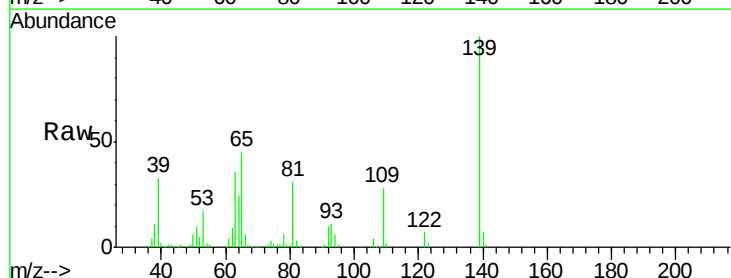
Tgt Ion: 139 Resp: 170040

Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

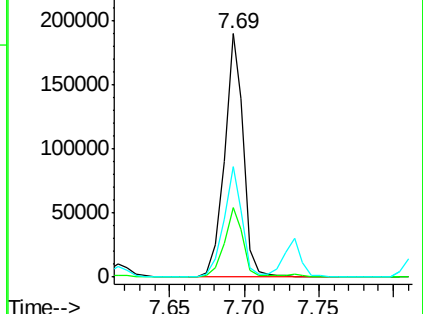
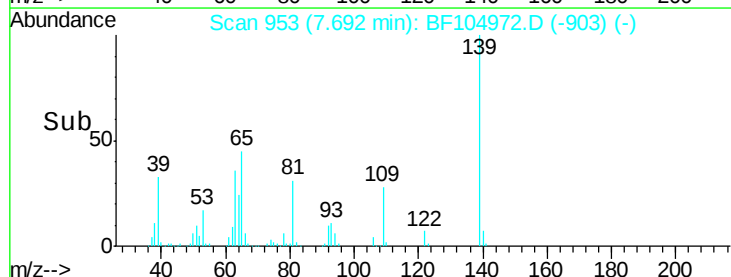
65 45.5 40.5 60.7

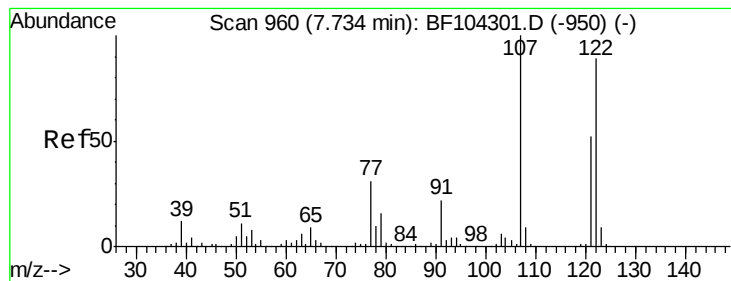


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

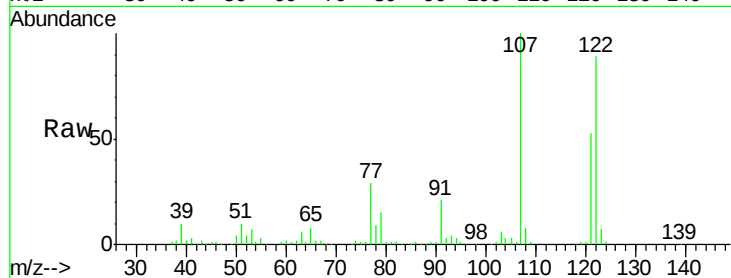




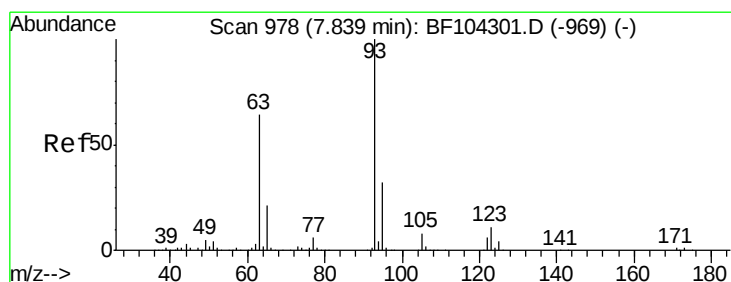
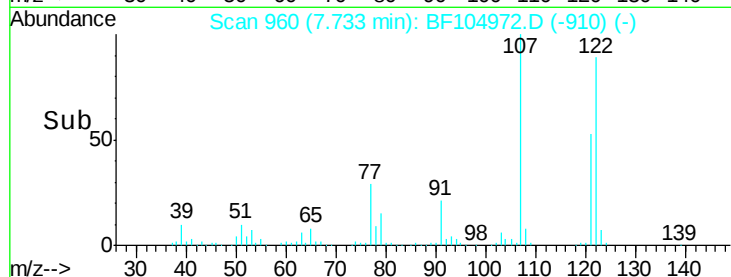
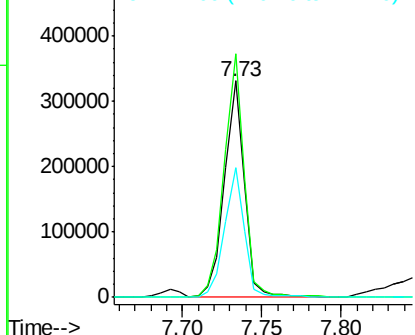
#27
 2,4-Dimethylphenol
 Concen: 41.495 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	59.9	47.2	70.8

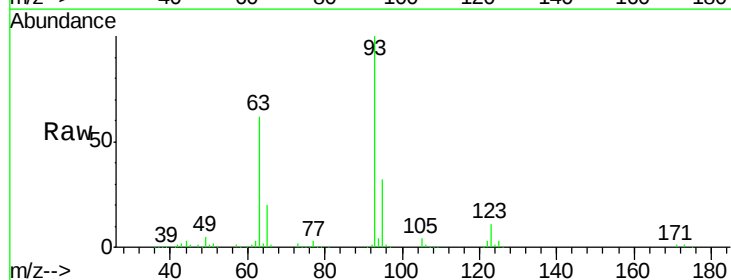


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

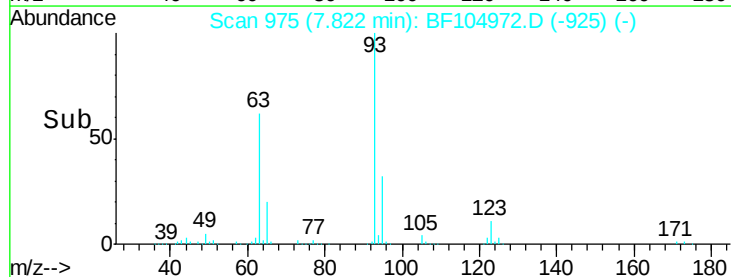
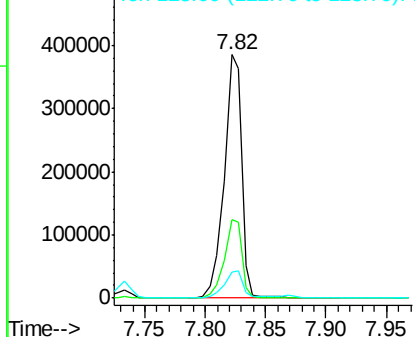


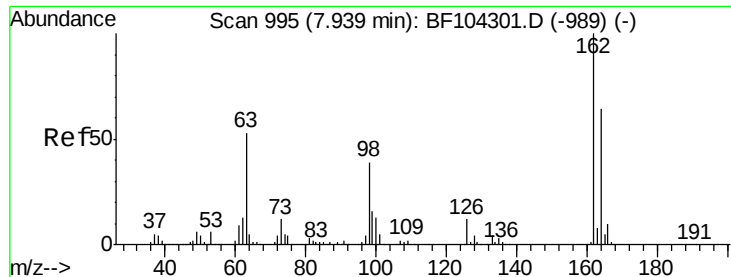
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.801 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	10.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

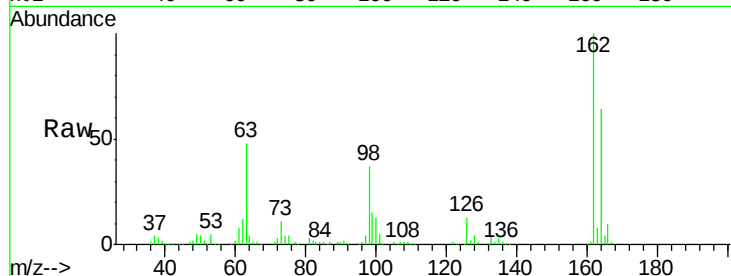




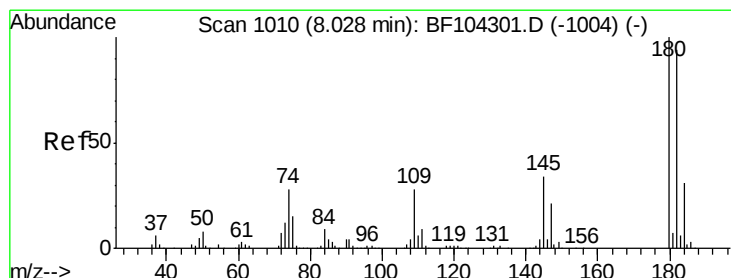
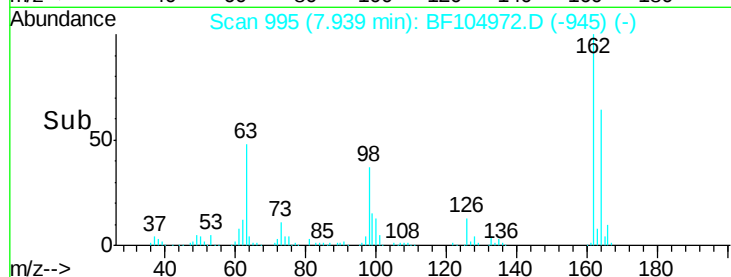
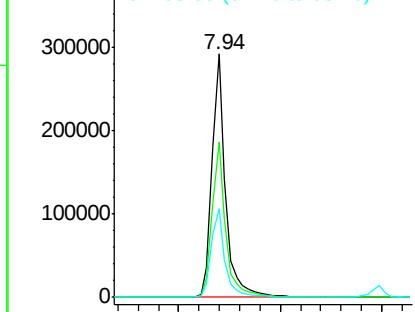
#29
 2,4-Dichlorophenol
 Concen: 40.794 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	36.6	18.1	58.1

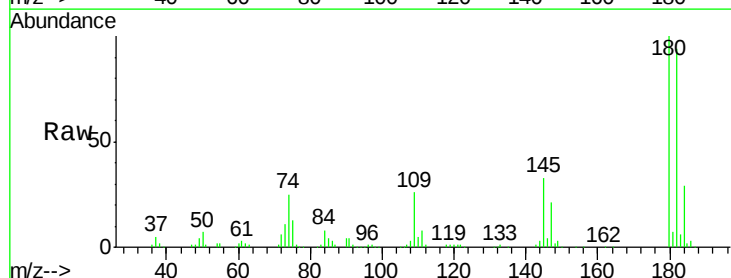


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

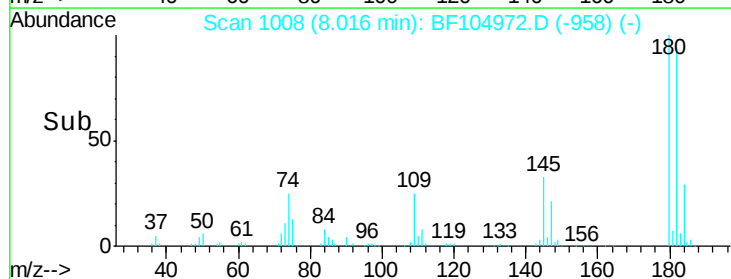
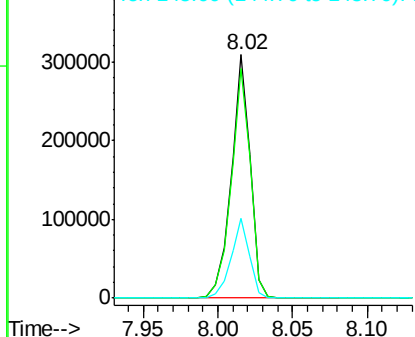


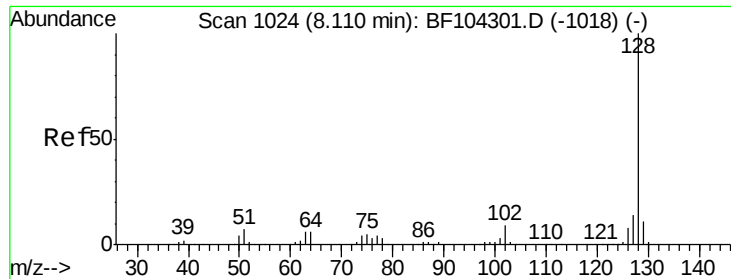
#30
 1,2,4-Trichlorobenzene
 Concen: 37.838 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	32.8	26.5	39.7



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





#31

Naphthalene

Concen: 37.677 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

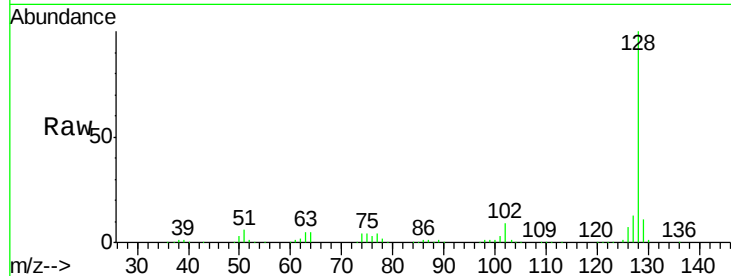
Tot Ion:128 Resp: 918670

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

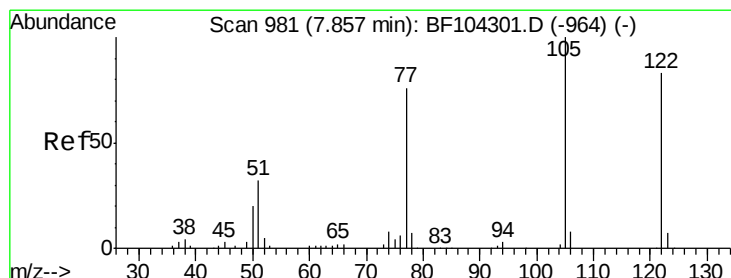
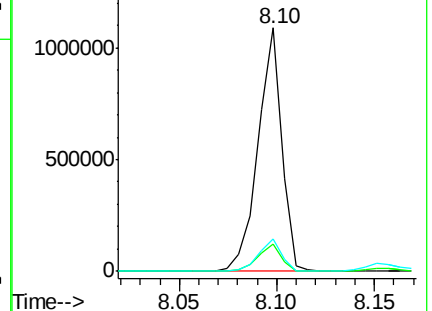
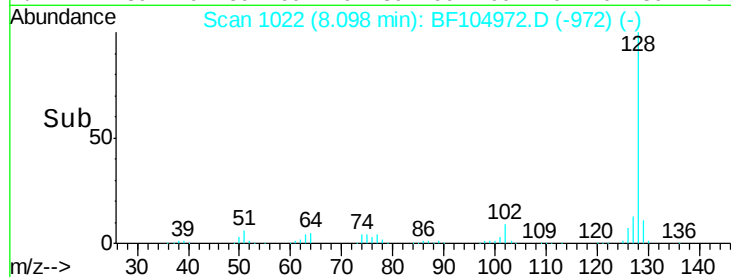
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.259 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

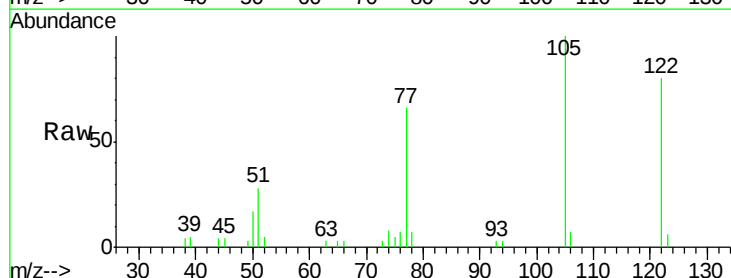
Tgt Ion:122 Resp: 18200

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

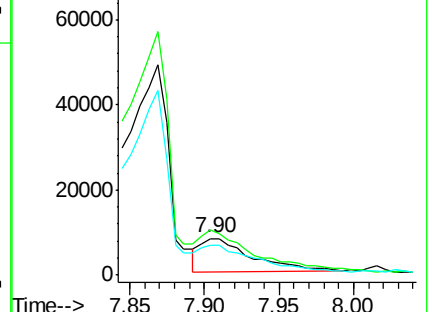
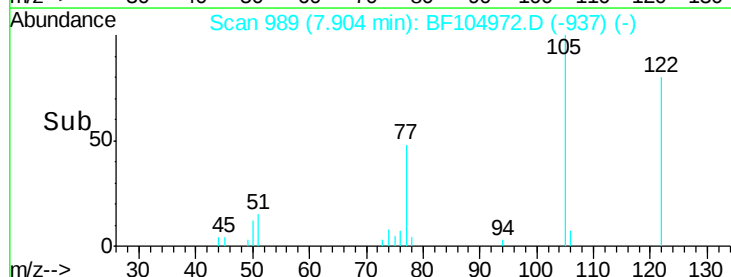
77 81.9 70.7 110.7

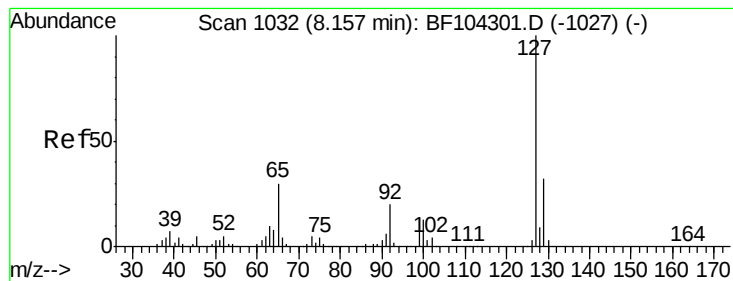


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 4.992 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 52143

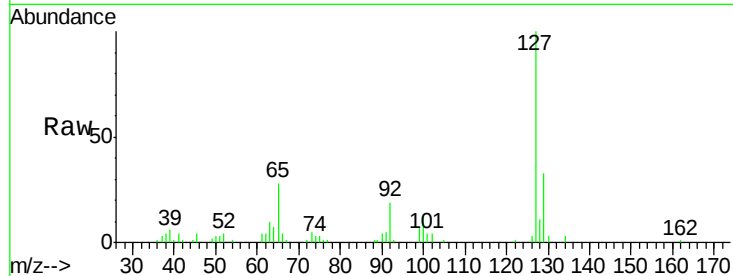
Ion Ratio Lower Upper

127 100

129 33.5 25.9 38.9

65 27.7 25.0 37.4

92 19.2 15.2 22.8

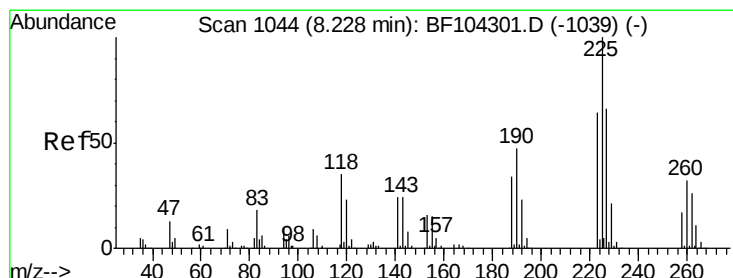
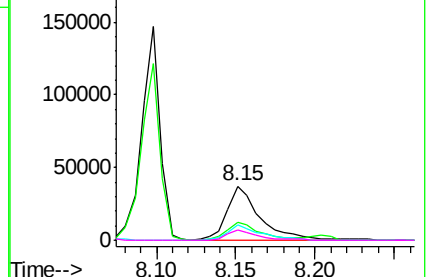
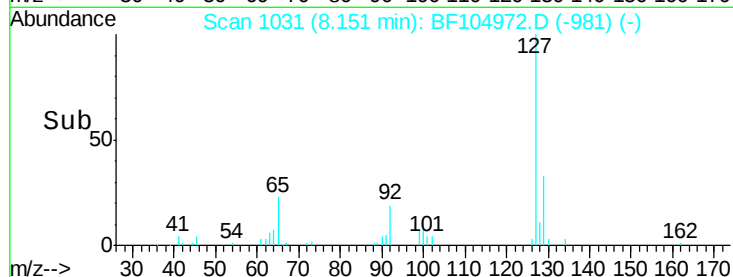


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.542 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

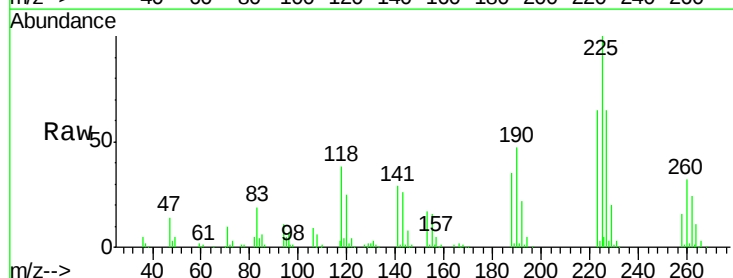
Tgt Ion:225 Resp: 150692

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

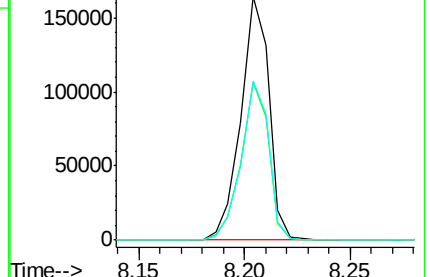
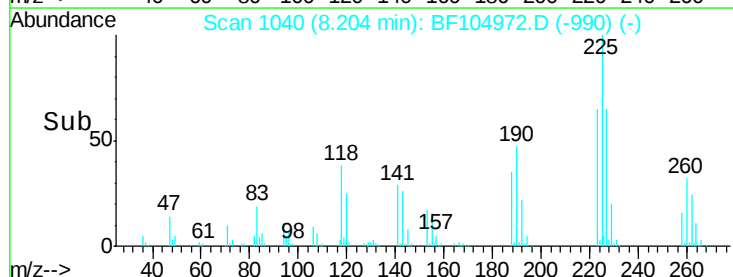
227 65.2 51.9 77.9

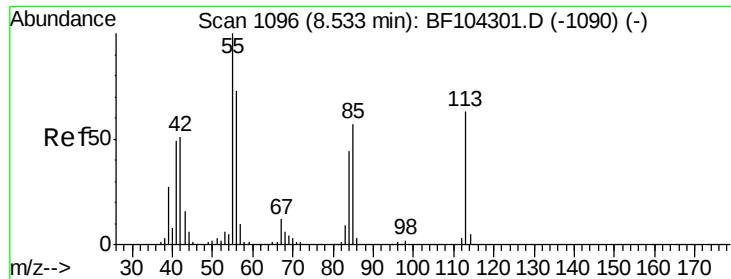


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

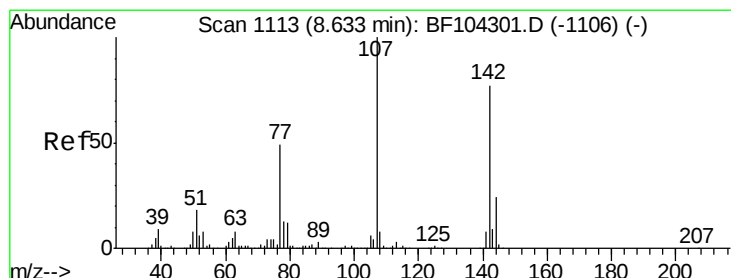
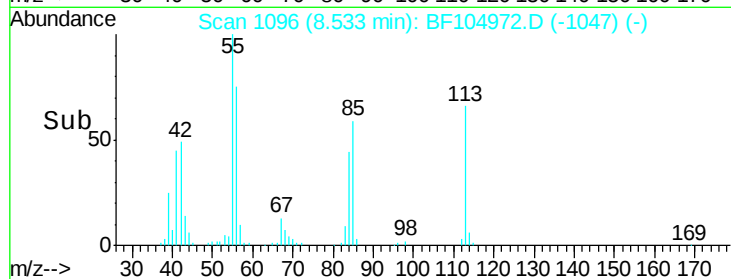
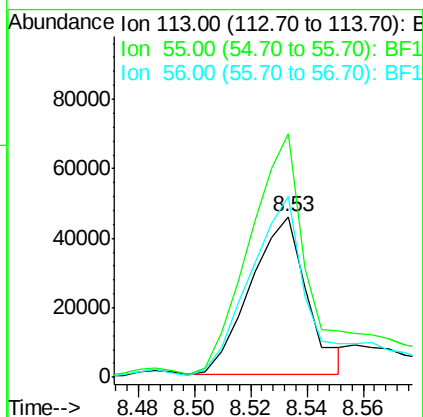
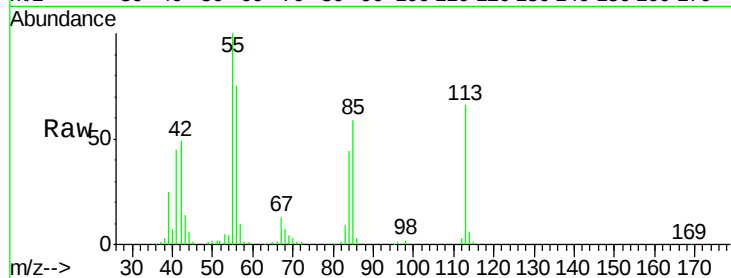




#35
 Caprolactam
 Concen: 27.284 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

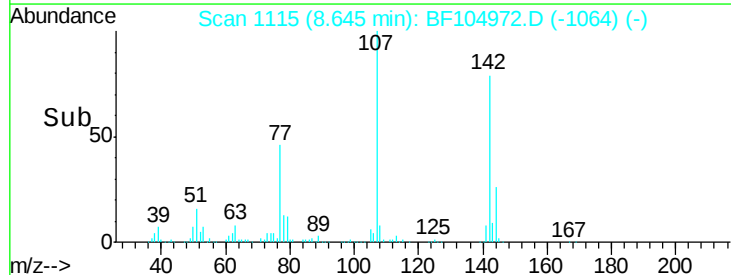
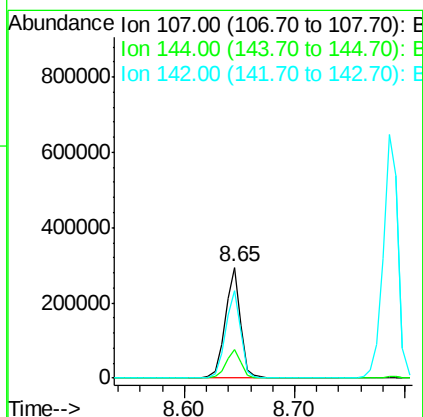
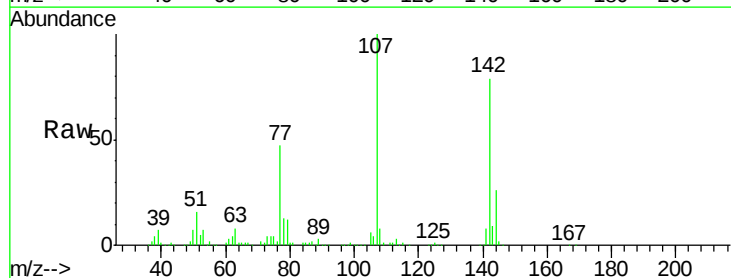
Instrument :
 BNA_F
 ClientSampleId :

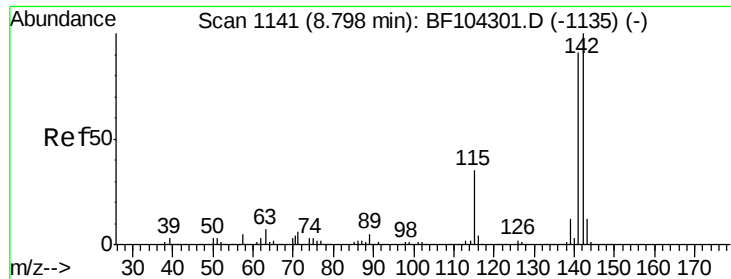
Tot Ion:113 Resp: 63557
 Ion Ratio Lower Upper
 113 100
 55 151.6 163.3 203.3#
 56 113.0 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.384 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion:107 Resp: 281993
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 79.0 62.0 93.0

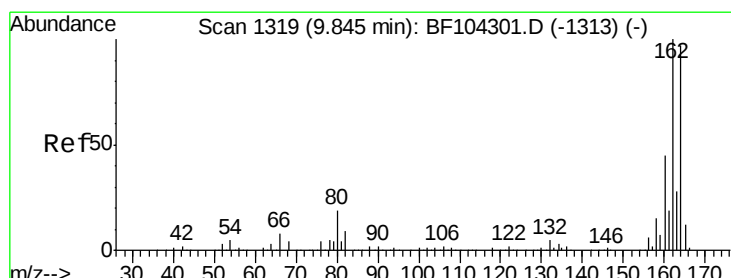
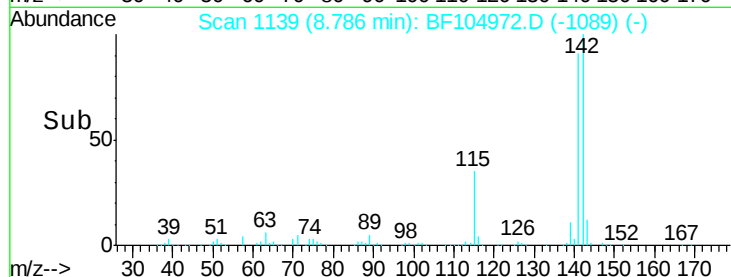
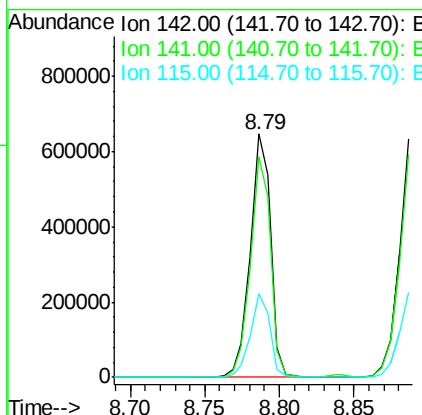
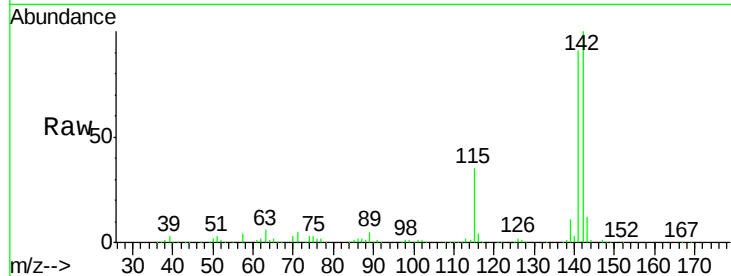




#37
2-Methylnaphthalene
Concen: 38.460 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

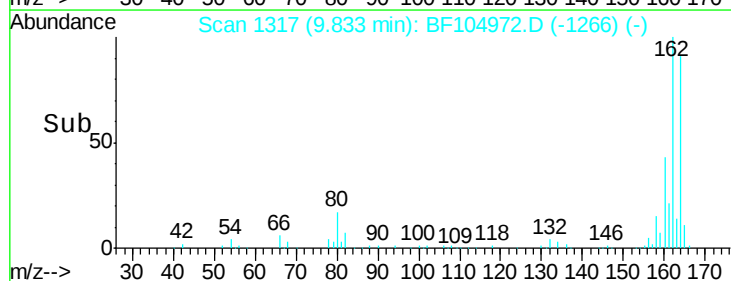
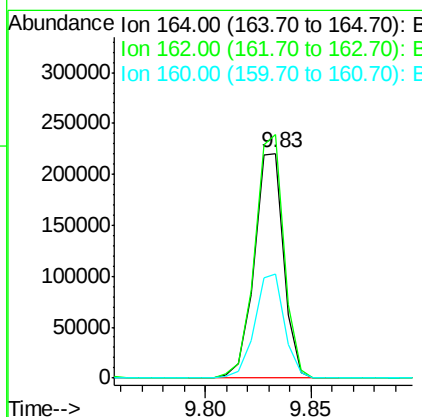
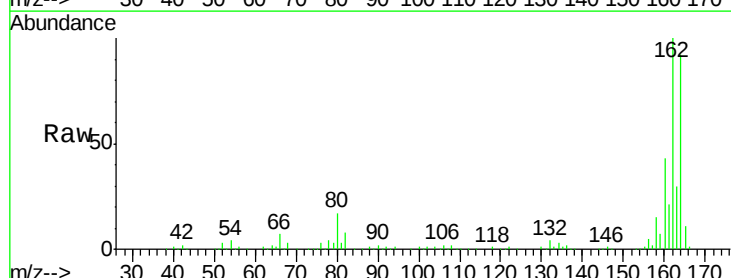
Instrument :
BNA_F
ClientSampleId :

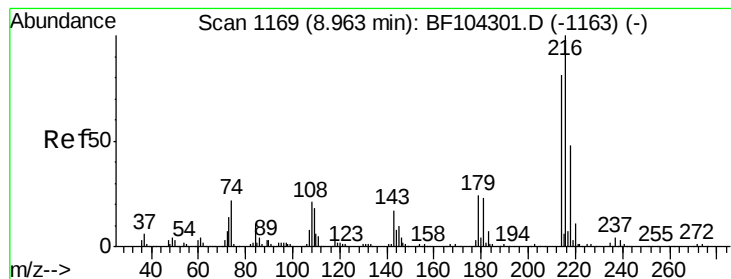
Tot Ion:142 Resp: 606582
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2
115 34.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion:164 Resp: 214205
Ion Ratio Lower Upper
164 100
162 108.4 86.1 129.1
160 46.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.805 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 262472

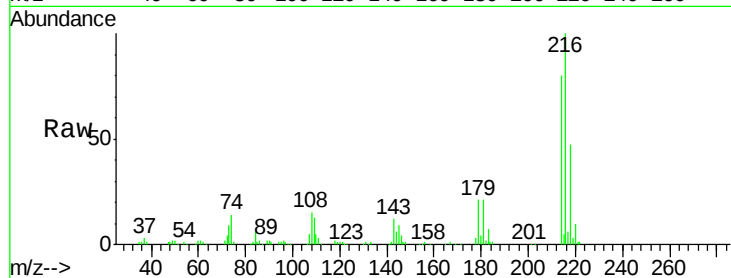
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 22.2 18.1 27.1

108 18.5 17.2 25.8

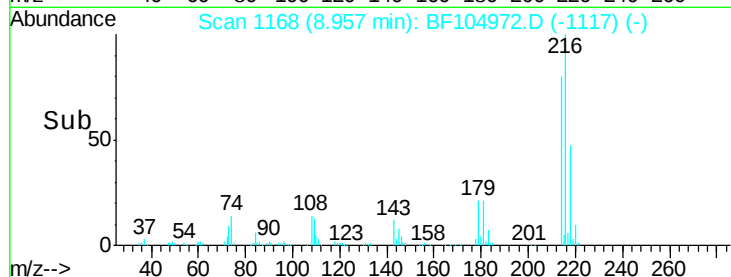


Abundance Ion 216.00 (215.70 to 216.70): E

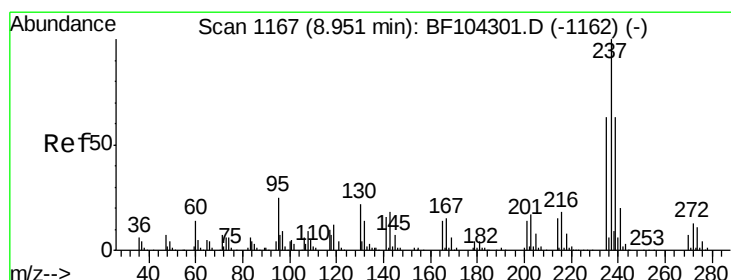
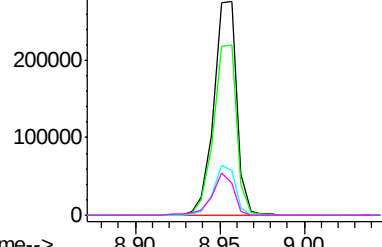
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 17.621 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

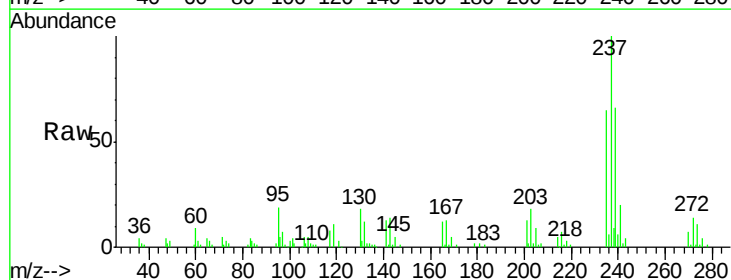
Tgt Ion:237 Resp: 60490

Ion Ratio Lower Upper

237 100

235 64.8 44.8 84.8

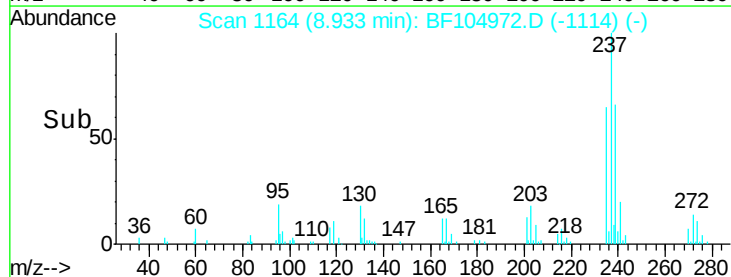
272 14.1 0.0 33.3



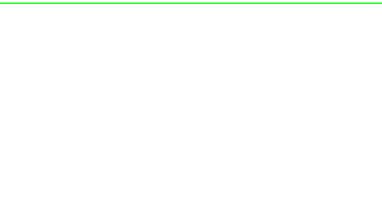
Abundance Ion 236.80 (236.50 to 237.50): E

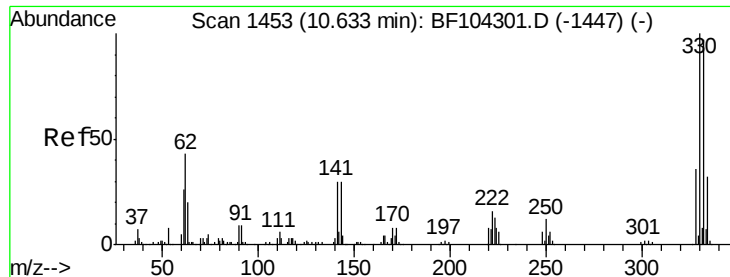
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 77.746 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

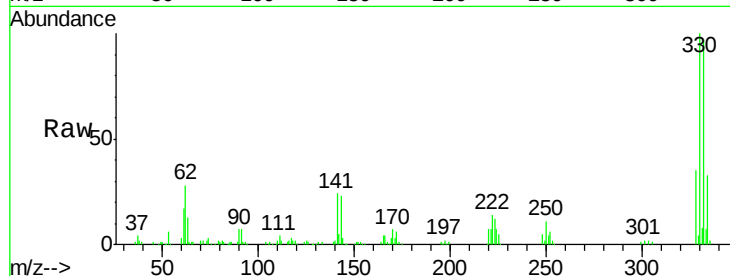
Tot Ion:330 Resp: 172753

Ion Ratio Lower Upper

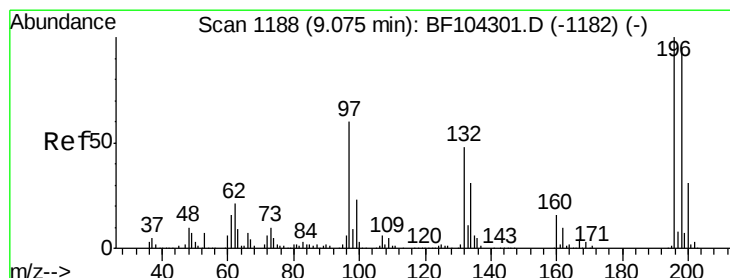
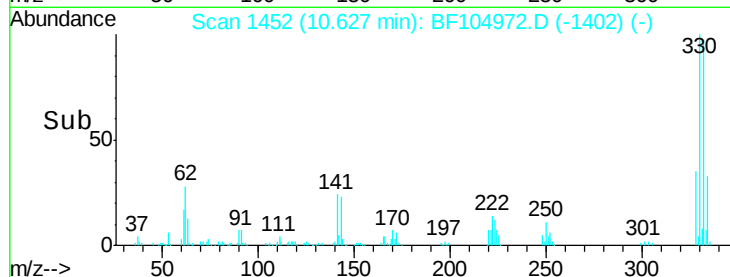
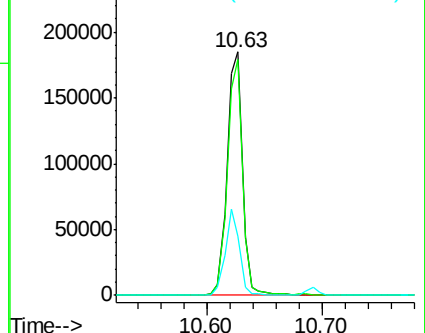
330 100

332 94.5 77.0 115.6

141 32.5 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: 40.415 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

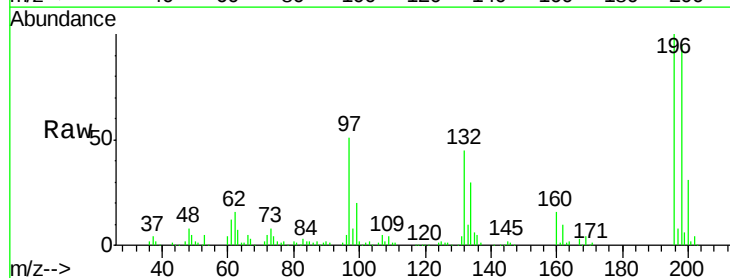
Tgt Ion:196 Resp: 172032

Ion Ratio Lower Upper

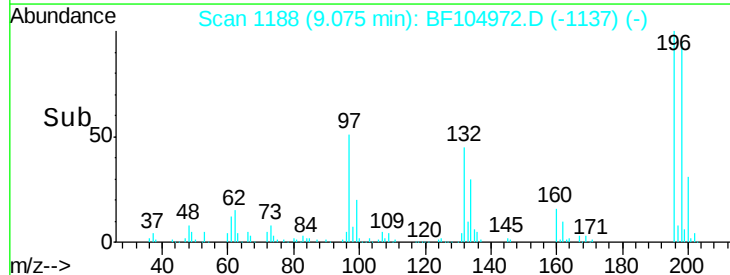
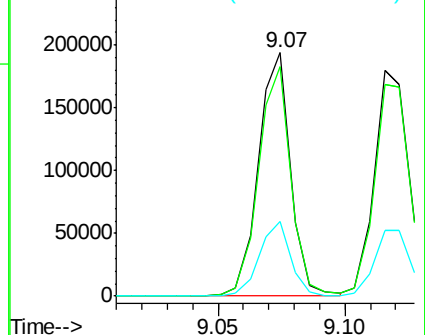
196 100

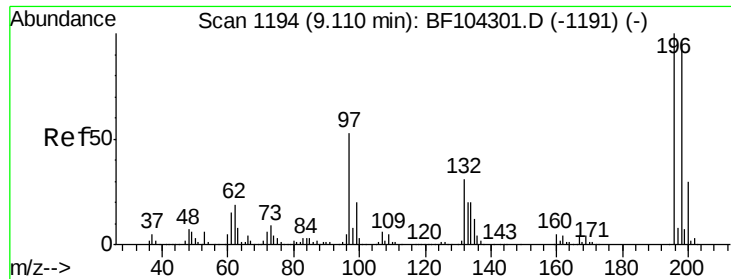
198 94.5 75.7 113.5

200 30.5 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

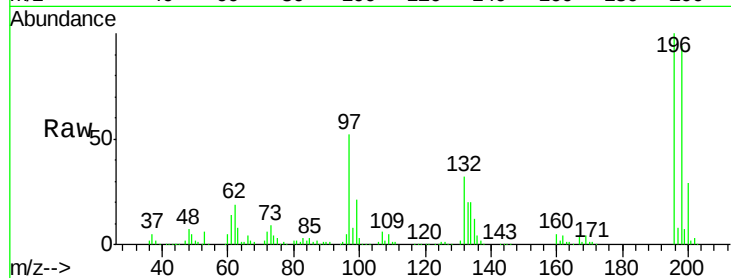




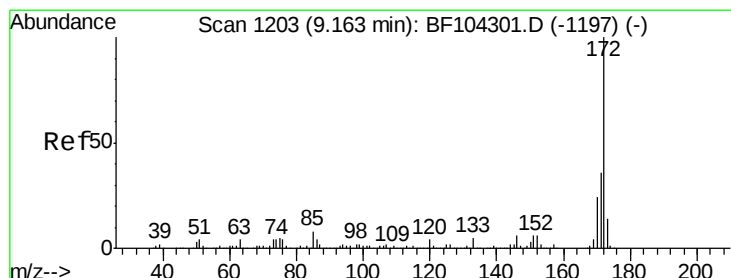
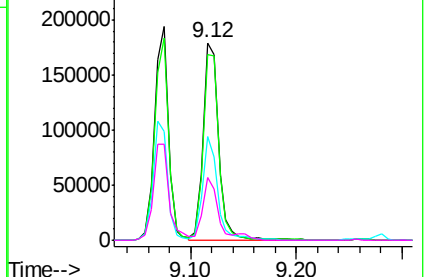
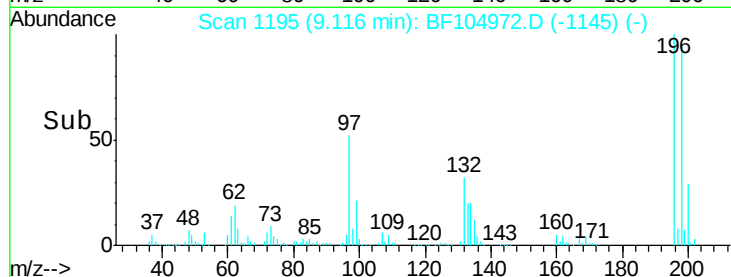
#43
 2,4,5-Trichlorophenol
 Concen: 38.481 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	183296
Ion Ratio	Lower	Upper
196	100	
198	94.2	74.6 112.0
97	52.3	42.9 64.3
132	32.0	26.3 39.5

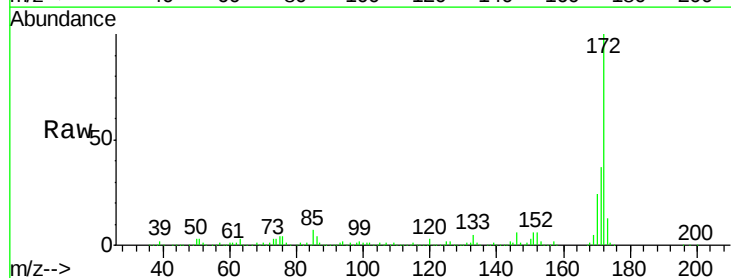


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

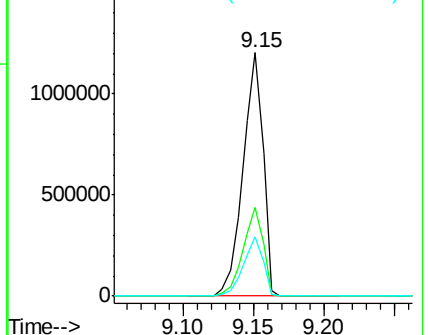
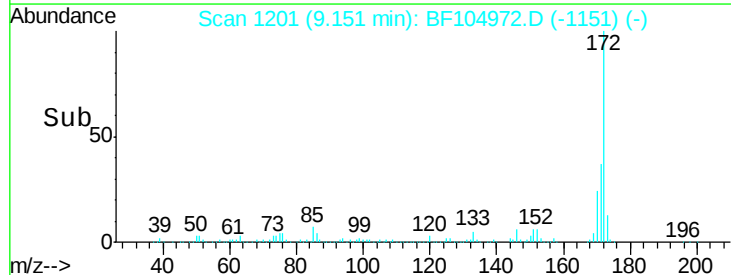


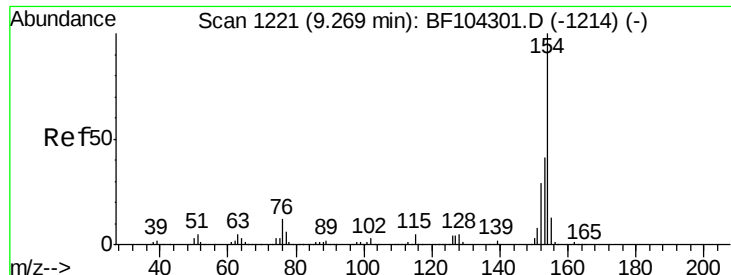
#44
 2-Fluorobiphenyl
 Concen: 87.761 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion:172	Resp:	1189992
Ion Ratio	Lower	Upper
172	100	
171	36.6	29.7 44.5
170	24.5	19.6 29.4



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

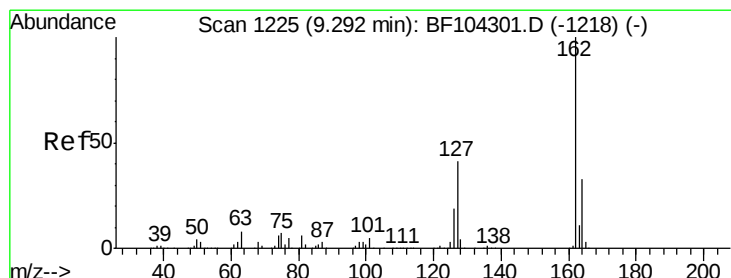
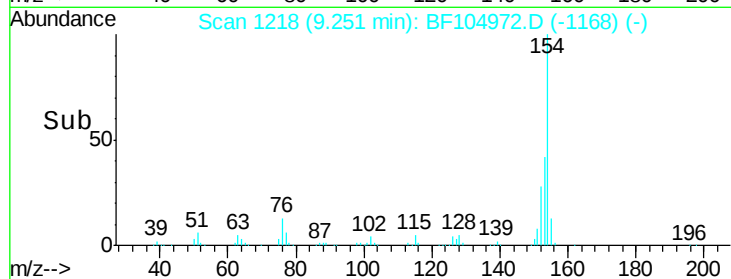
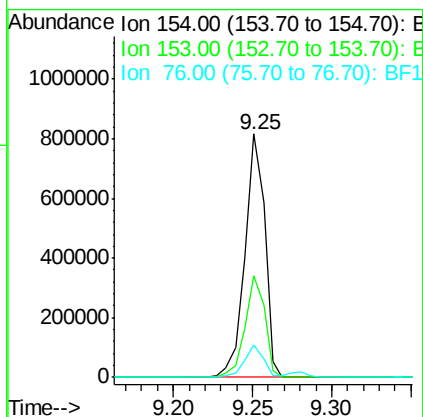
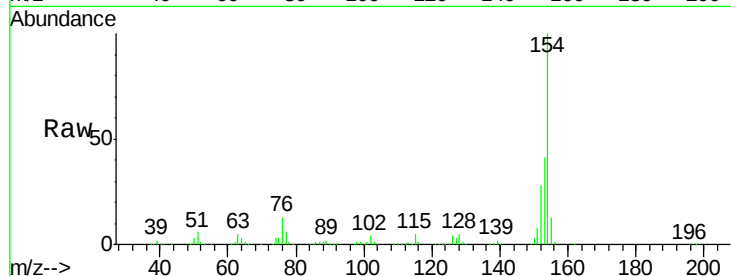




#45
 1,1'-Biphenyl
 Concen: 39.249 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

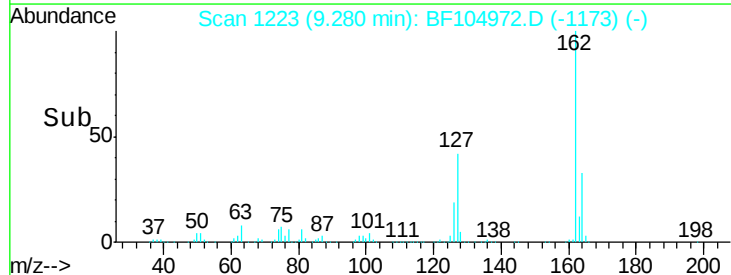
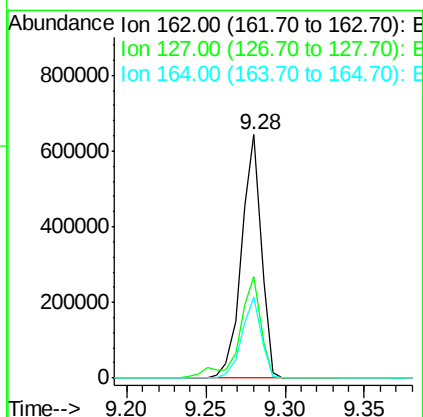
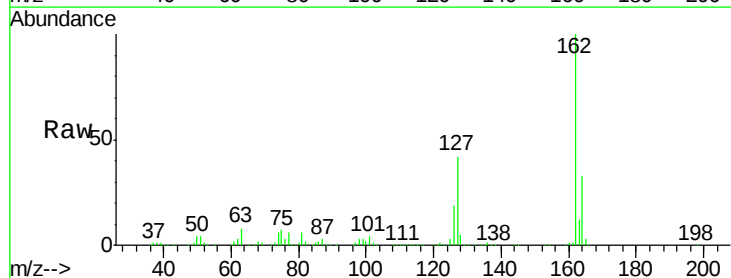
Instrument :
 BNA_F
 ClientSampleId :

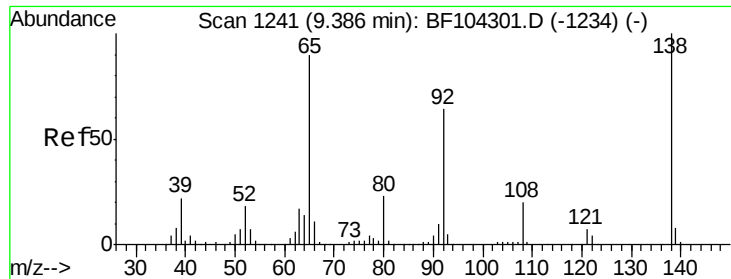
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.2	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 38.952 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	33.1	26.5	39.7

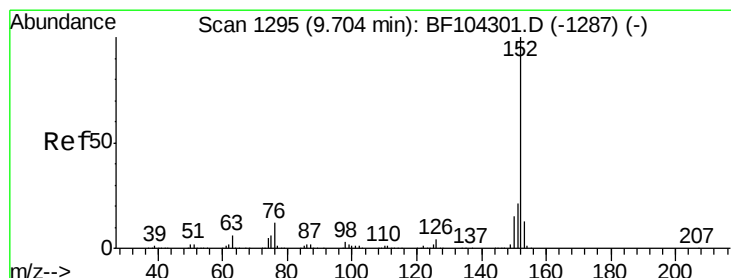
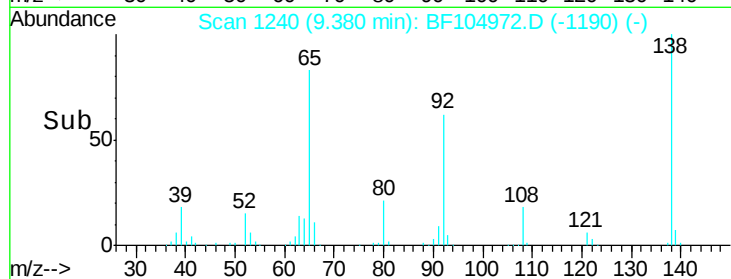
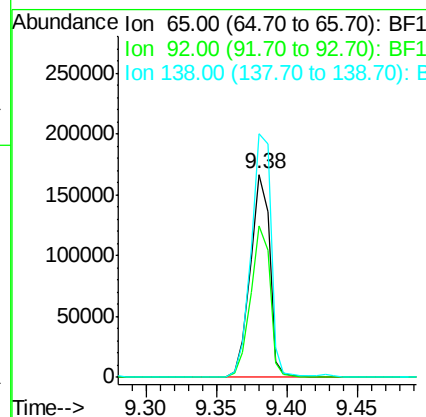
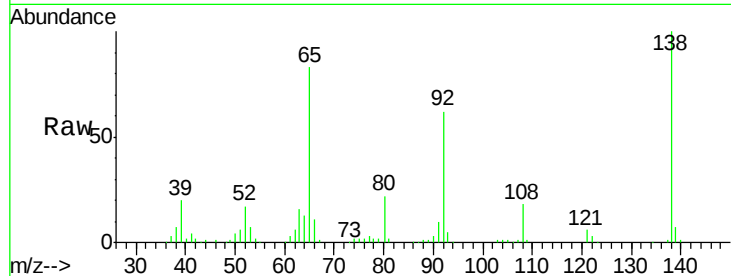




#47
 2-Nitroaniline
 Concen: 45.907 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

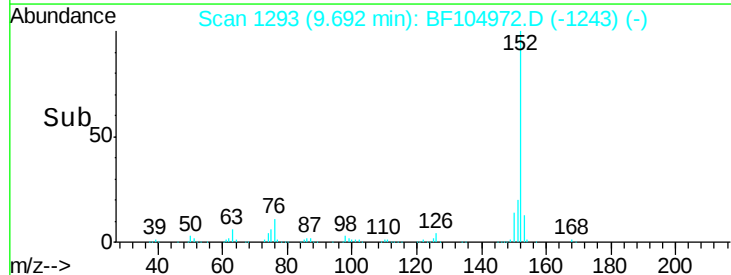
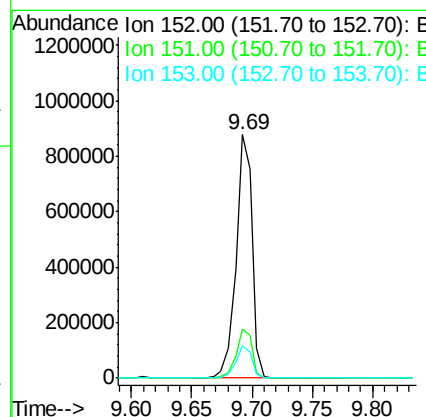
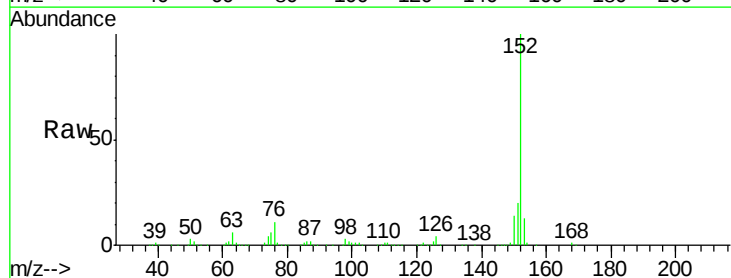
Instrument :
 BNA_F
 ClientSampled :

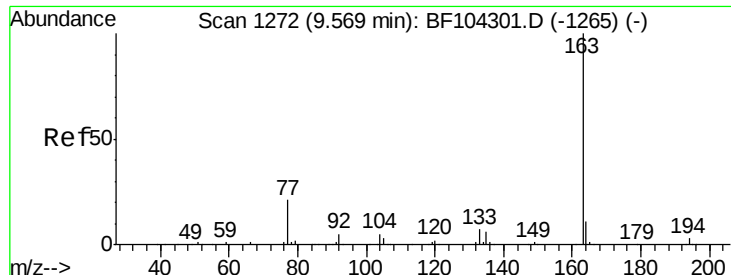
Tot Ion: 65 Resp: 161364
 Ion Ratio Lower Upper
 65 100
 92 74.9 55.8 83.6
 138 119.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.123 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion: 152 Resp: 805557
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.3 10.7 16.1

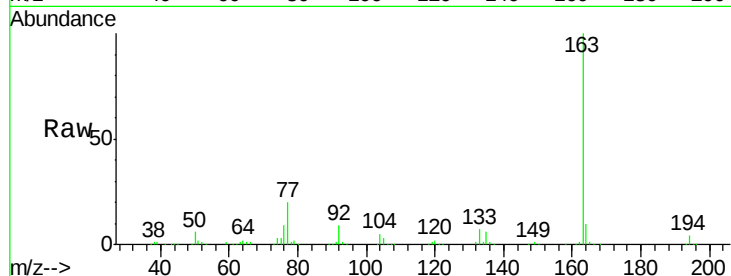




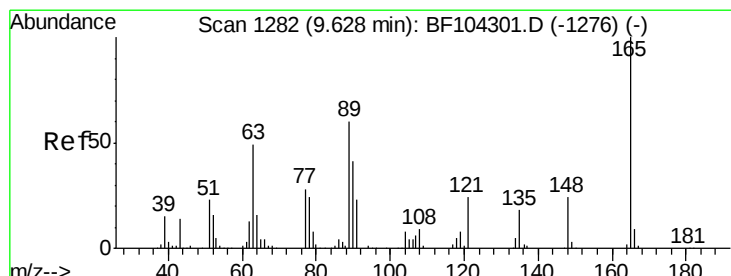
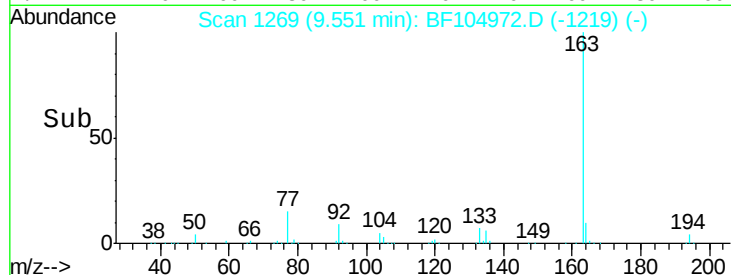
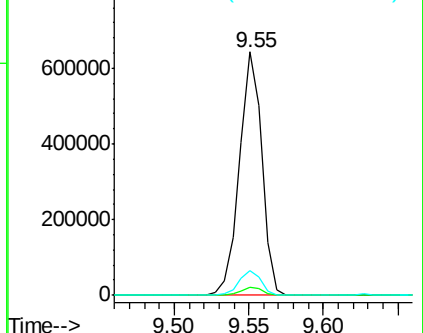
#49
Dimethylphthalate
Concen: 40.025 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 676092
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

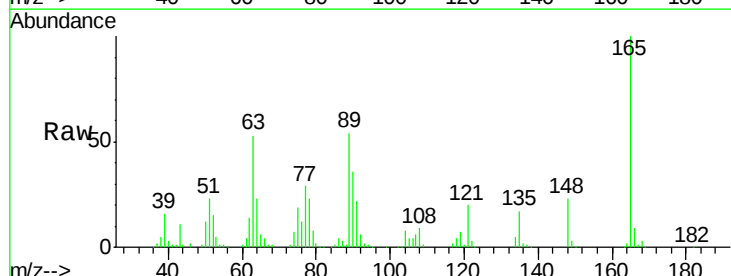


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

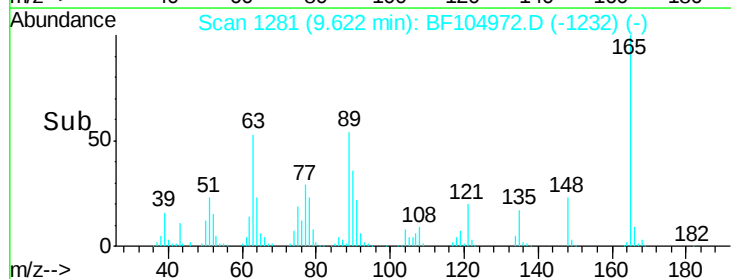
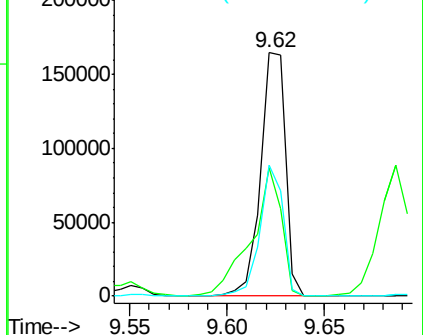


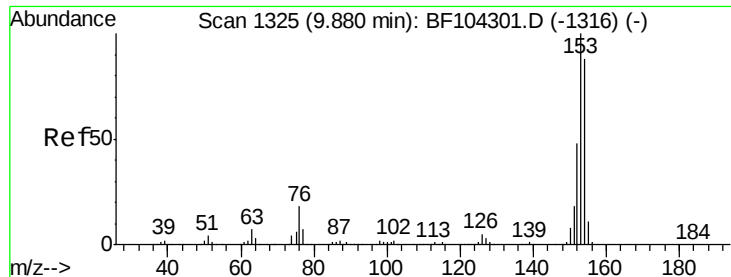
#50
2,6-Dinitrotoluene
Concen: 46.705 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion:165 Resp: 145981
Ion Ratio Lower Upper
165 100
63 52.5 44.7 67.1
89 53.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.300 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

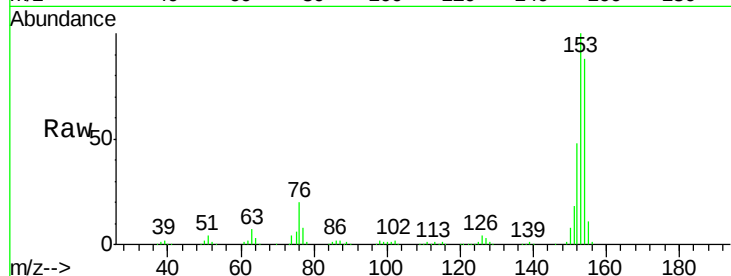
Tot Ion:154 Resp: 480304

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

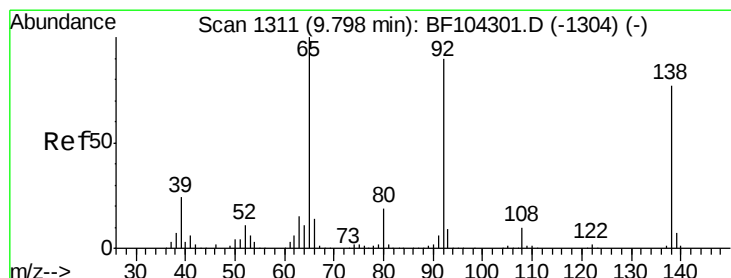
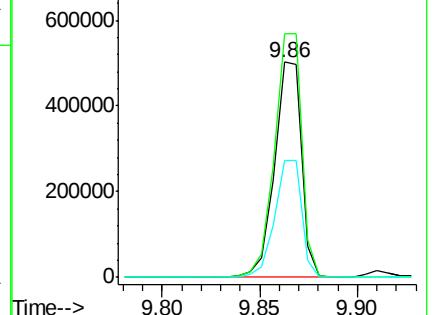
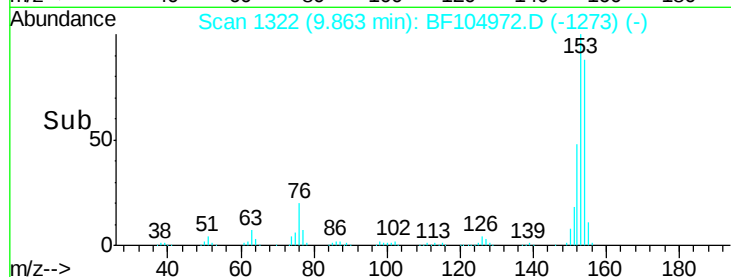
152 54.3 43.8 65.8



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: 20.559 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

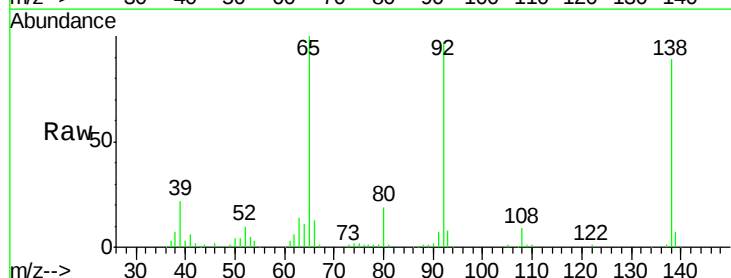
Tgt Ion:138 Resp: 75229

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

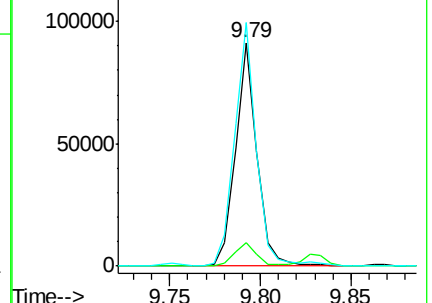
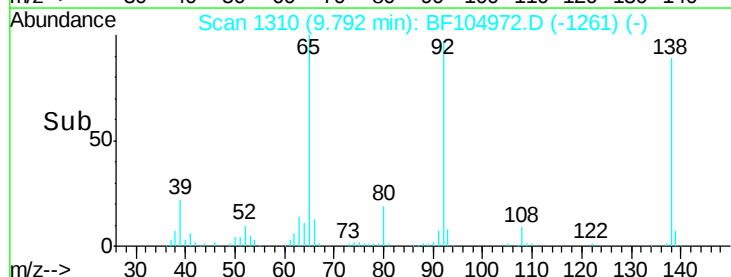
92 109.1 89.4 134.2

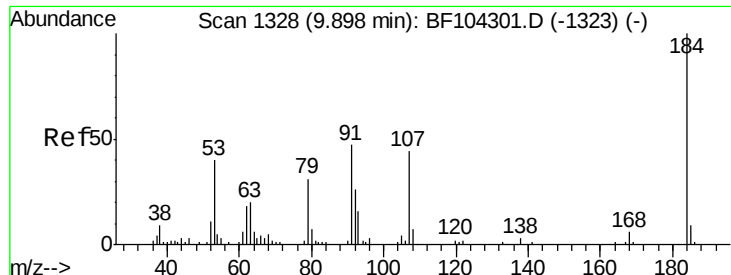


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

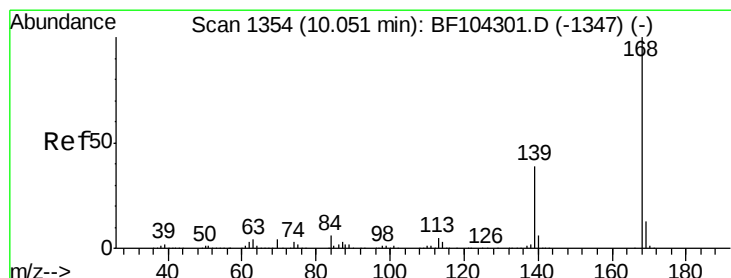
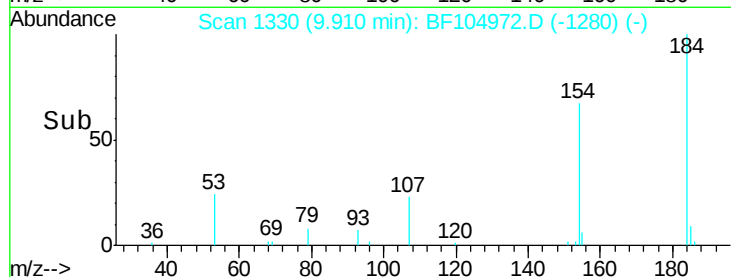
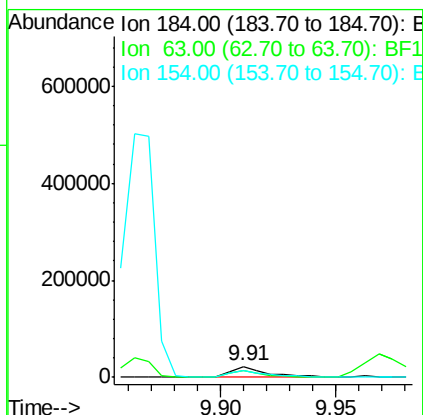
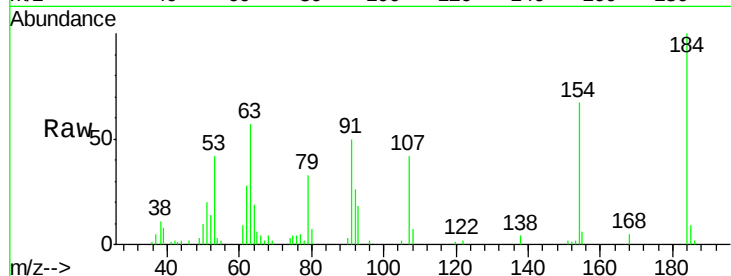




#53
 2,4-Dinitrophenol
 Concen: 29.431 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

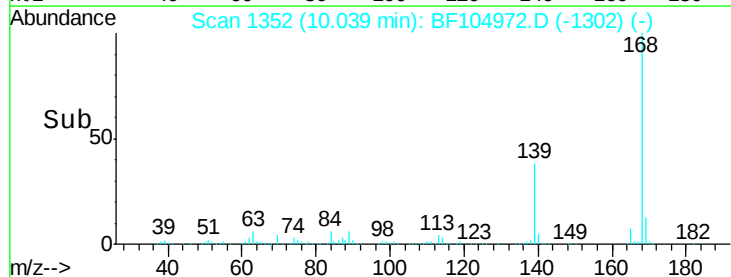
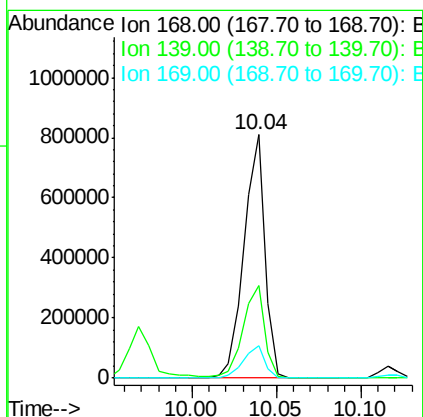
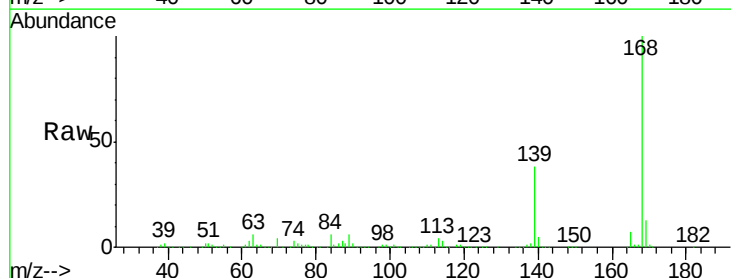
Instrument :
 BNA_F
 ClientSampleId :

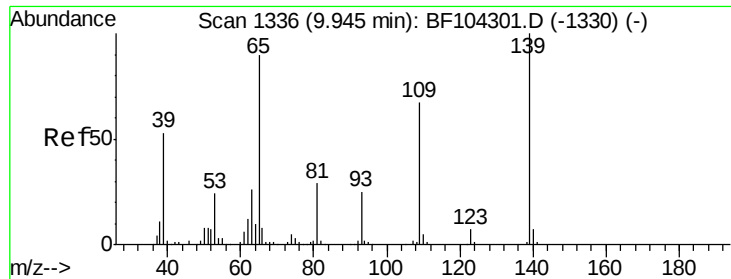
Tot Ion:184 Resp: 24786
 Ion Ratio Lower Upper
 184 100
 63 56.8 54.2 81.2
 154 67.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.950 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion:168 Resp: 700632
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.1 10.9 16.3

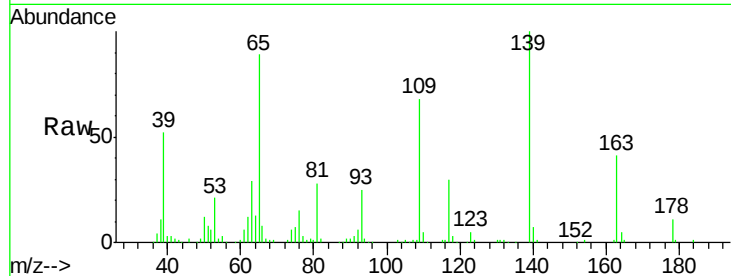




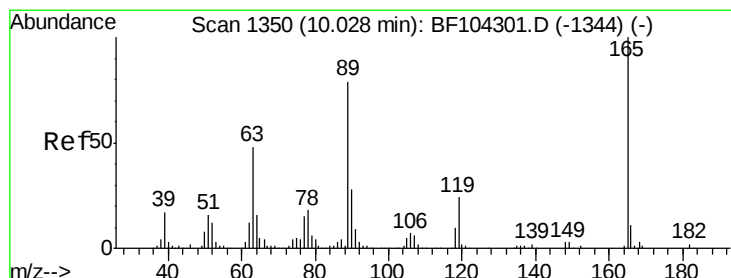
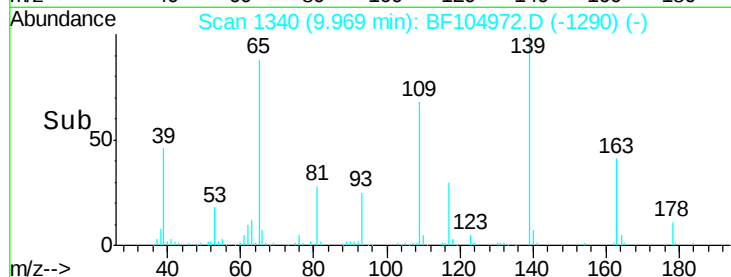
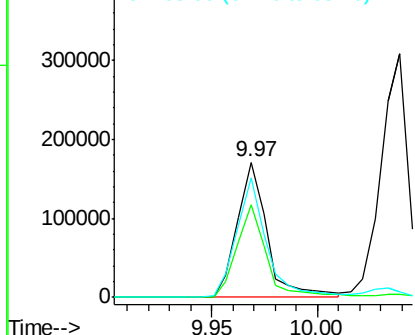
#55
4-Nitrophenol
Concen: 58.408 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 167889
Ion Ratio Lower Upper
139 100
109 68.2 48.4 88.4
65 88.8 72.6 112.6

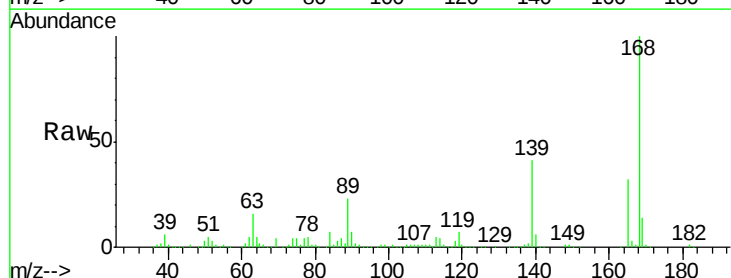


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

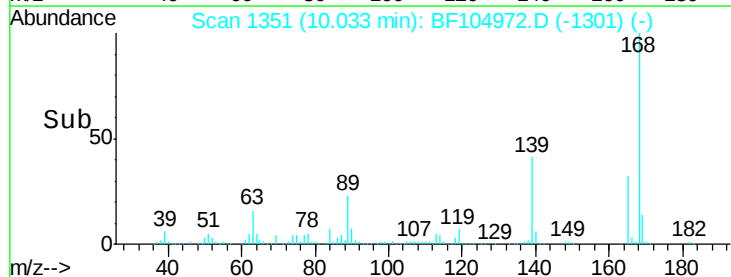
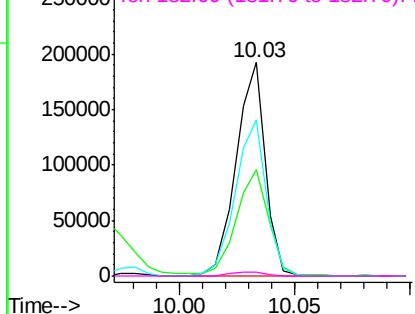


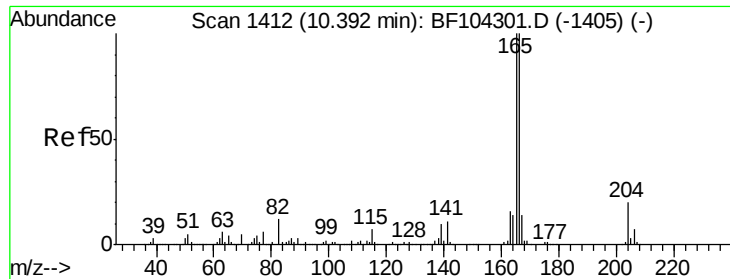
#56
2,4-Dinitrotoluene
Concen: 41.310 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion:165 Resp: 169369
Ion Ratio Lower Upper
165 100
63 49.7 36.4 54.6
89 73.1 57.8 86.6
182 2.1 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

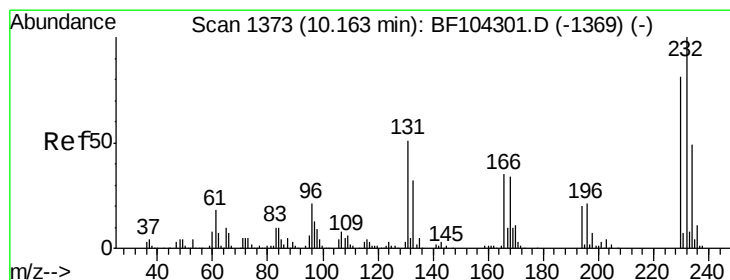
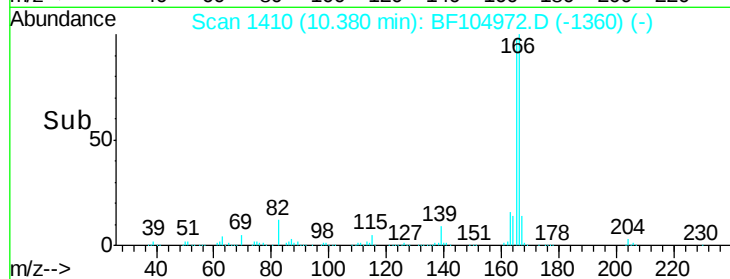
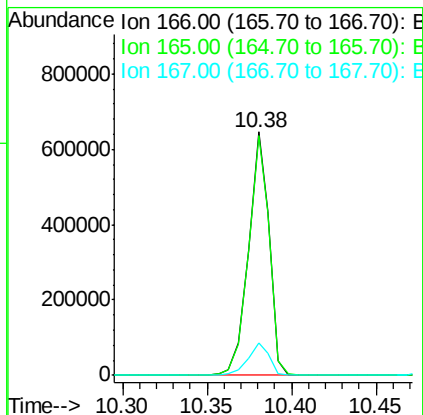
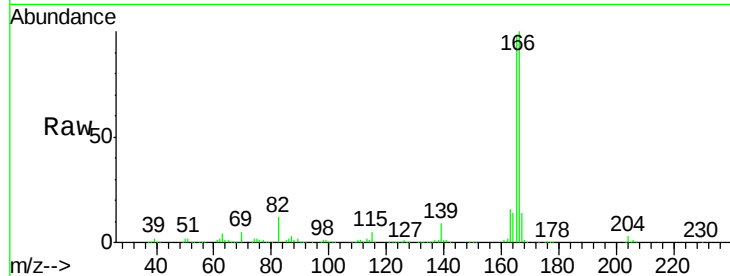




#57
 Fluorene
 Concen: 40.014 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

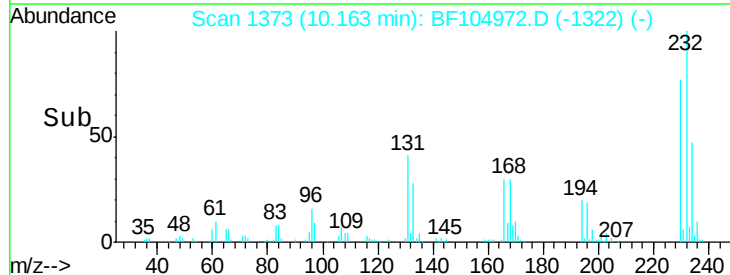
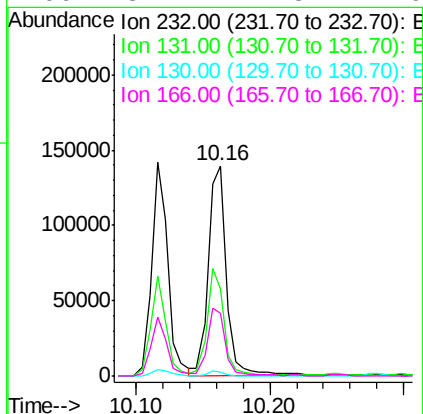
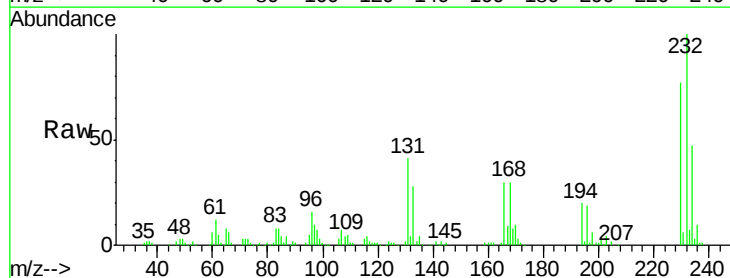
Instrument :
 BNA_F
 ClientSampleId :

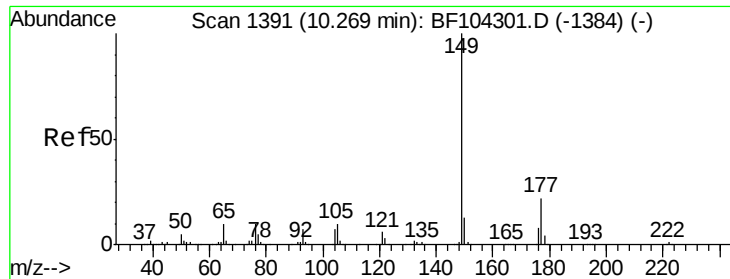
Tot Ion:166 Resp: 552272
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.204 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion:232 Resp: 132207
 Ion Ratio Lower Upper
 232 100
 131 47.4 43.8 65.8
 130 2.3 2.1 3.1
 166 32.7 27.8 41.6





#59

Diethylphthalate

Concen: 38.027 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampled :

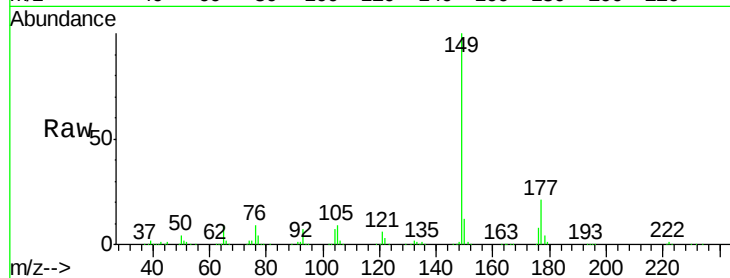
Tot Ion:149 Resp: 639733

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

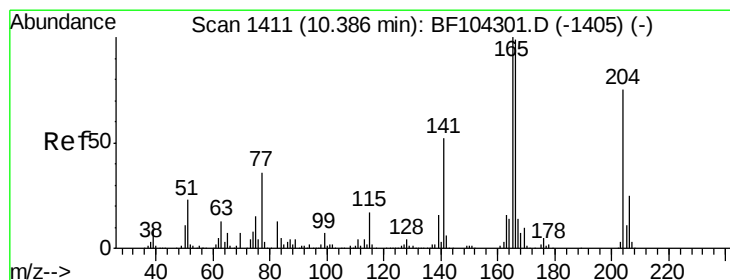
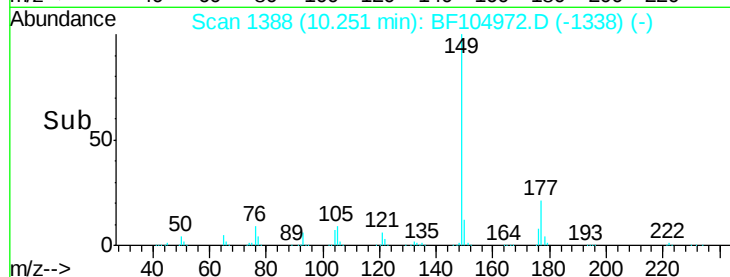
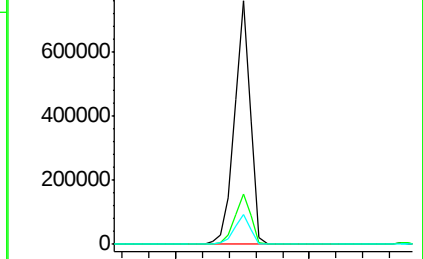
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.012 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

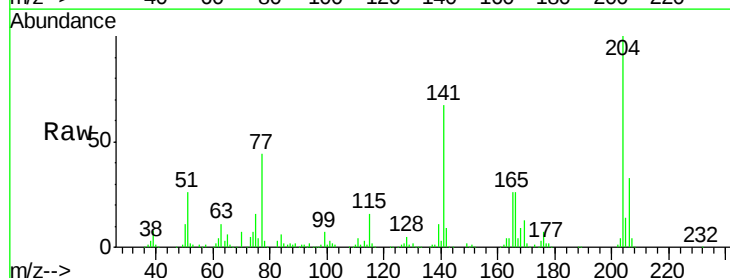
Tgt Ion:204 Resp: 264381

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

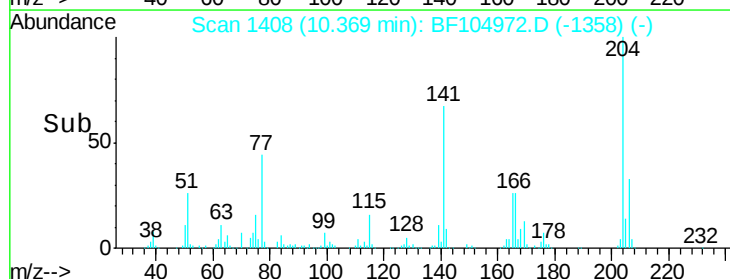
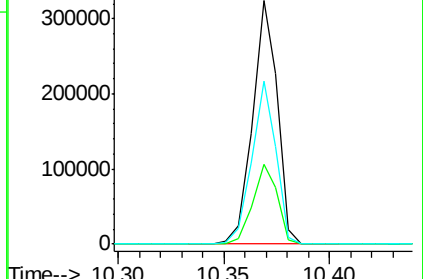
141 66.8 54.6 81.8

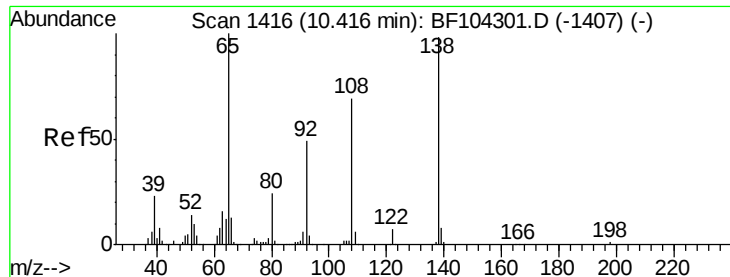


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

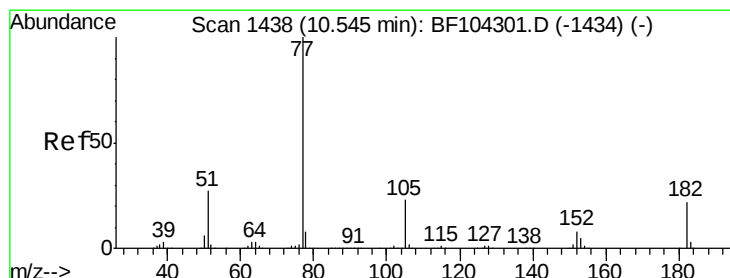
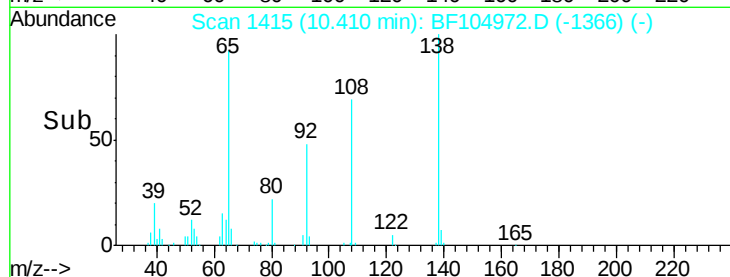
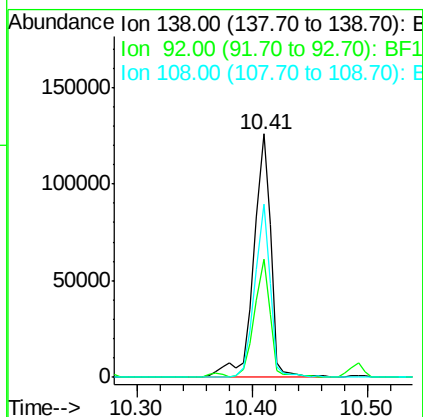
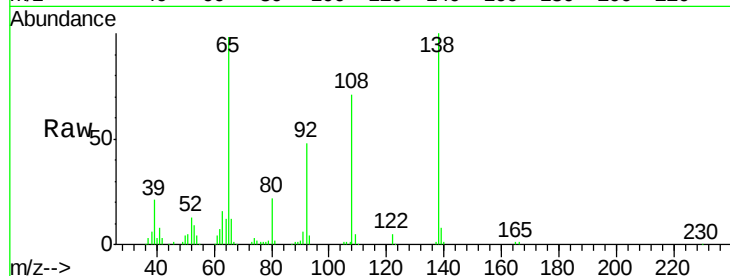




#61
4-Nitroaniline
Concen: 36.568 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

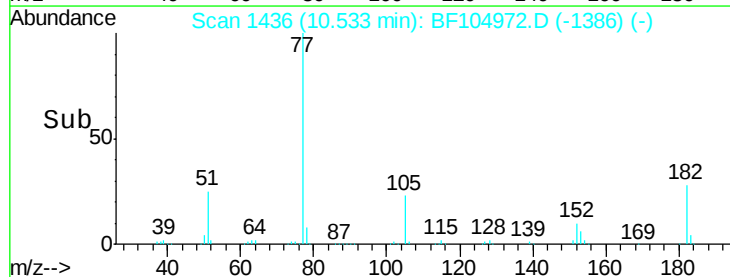
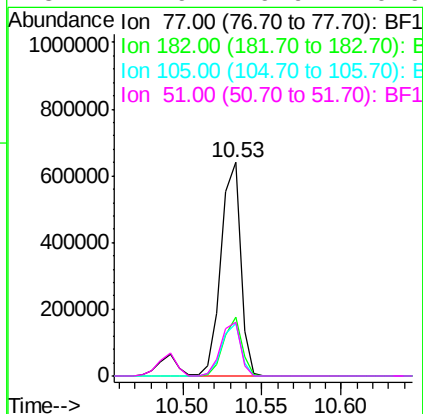
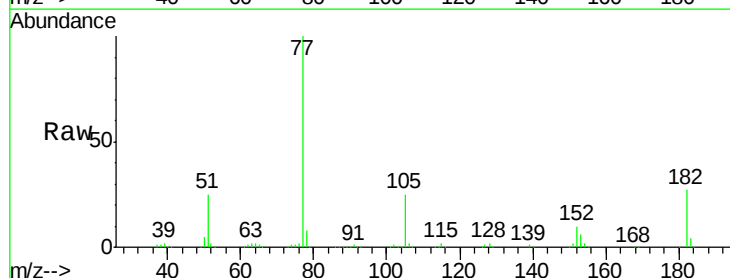
Instrument :
BNA_F
ClientSampleId :

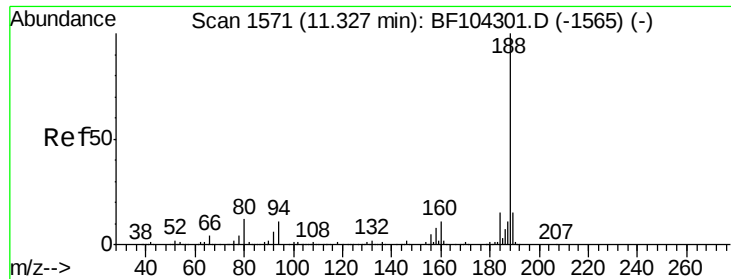
Tot Ion:138 Resp: 130834
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 71.3 52.5 92.5



#62
Azobenzene
Concen: 34.285 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion: 77 Resp: 551047
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 24.5 3.0 43.0
51 24.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampled :

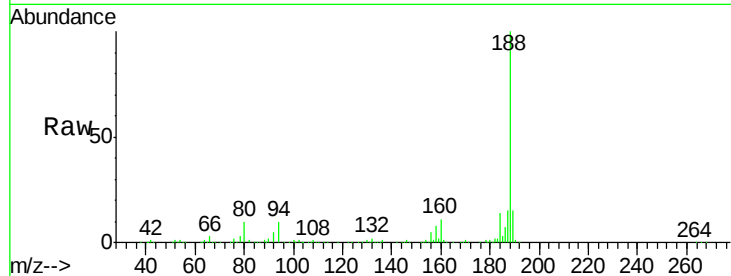
Tot Ion:188 Resp: 342541

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

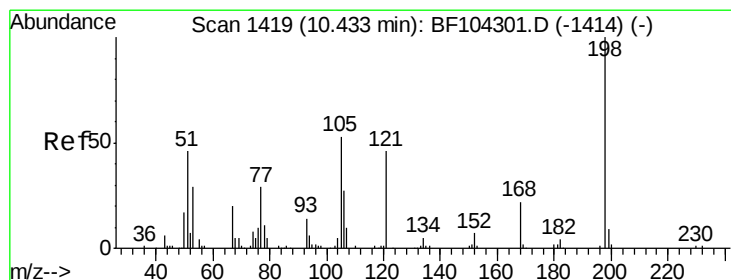
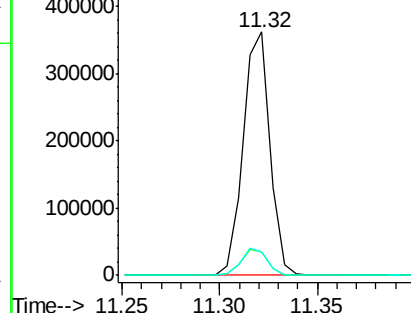
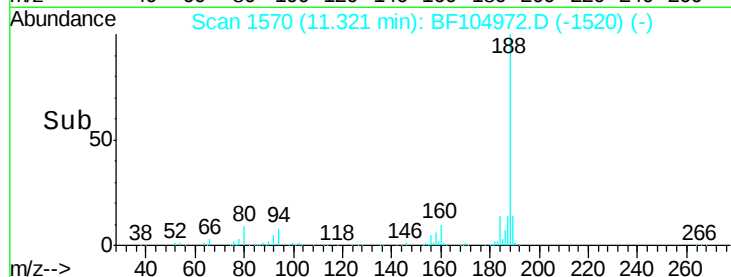
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 20.654 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

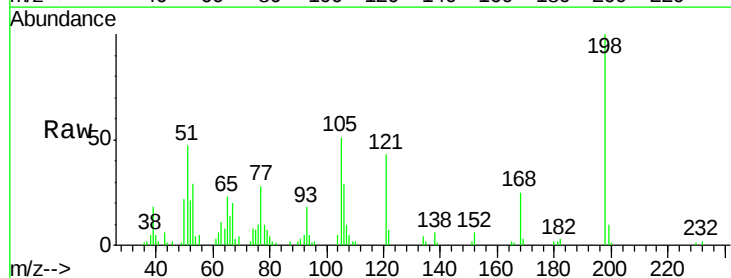
Tgt Ion:198 Resp: 26212

Ion Ratio Lower Upper

198 100

51 46.7 37.7 77.7

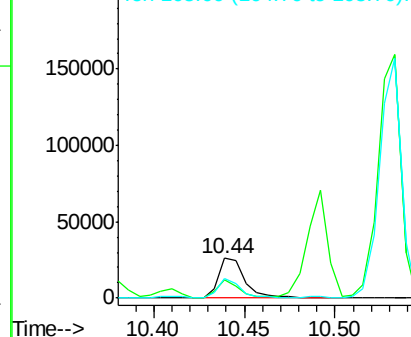
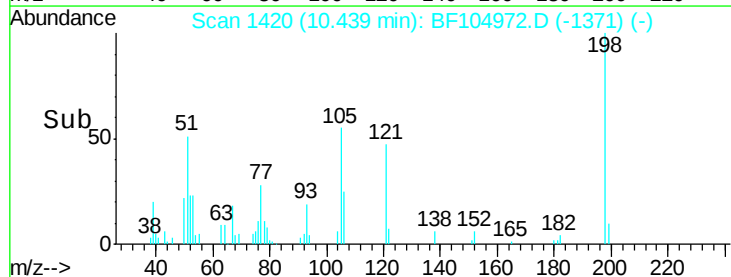
105 50.6 36.3 76.3

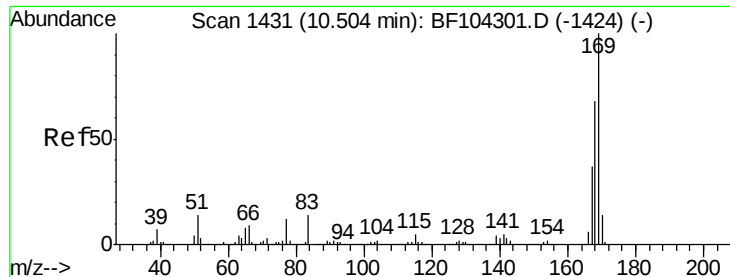


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.291 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

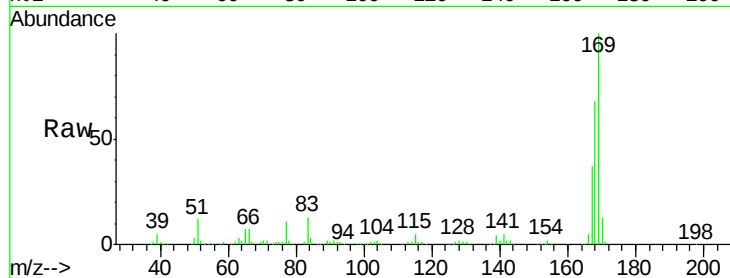
Tot Ion:169 Resp: 502286

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

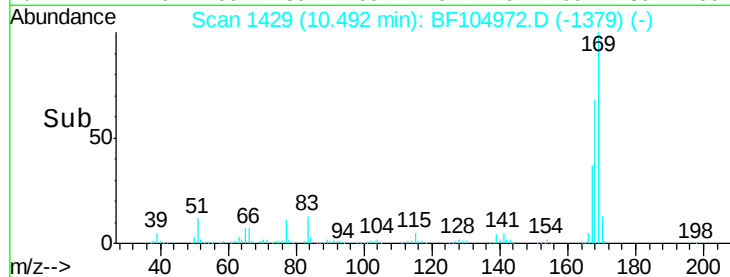
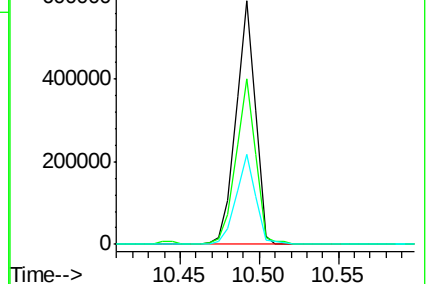
167 37.1 29.8 44.6



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: 43.387 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

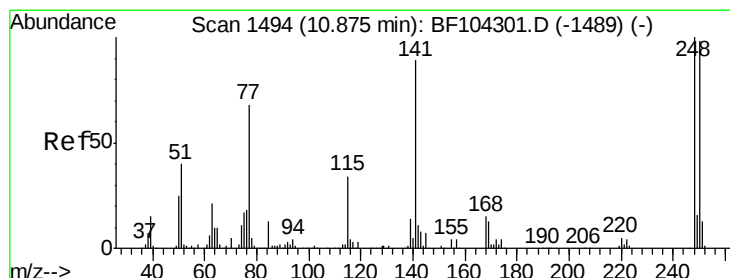
Tgt Ion:248 Resp: 158083

Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

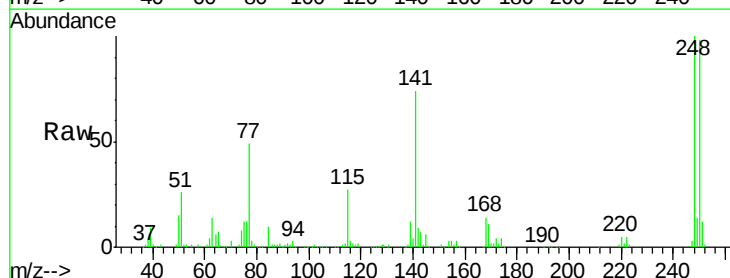
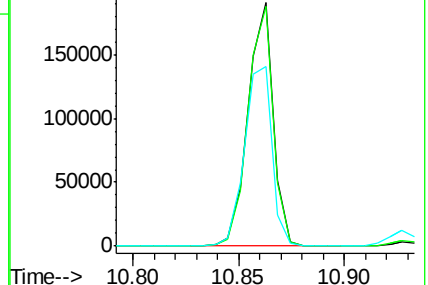
141 74.0 74.4 111.6#

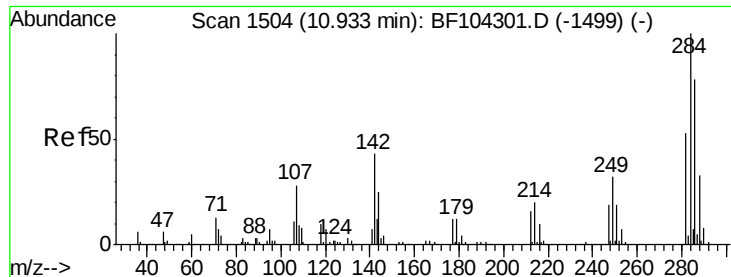


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

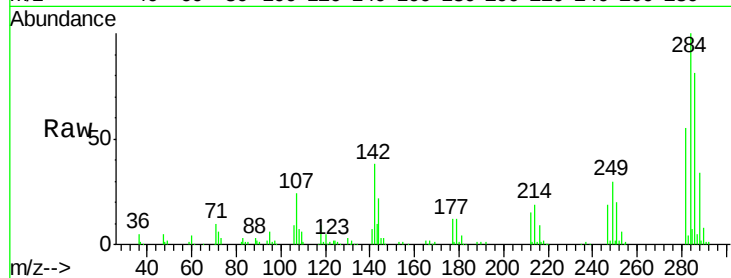




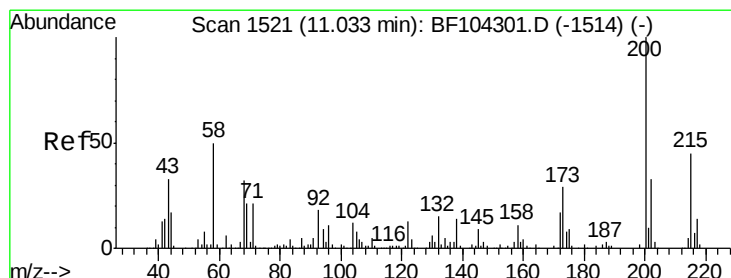
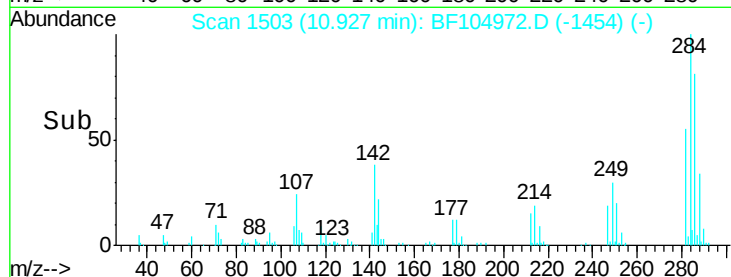
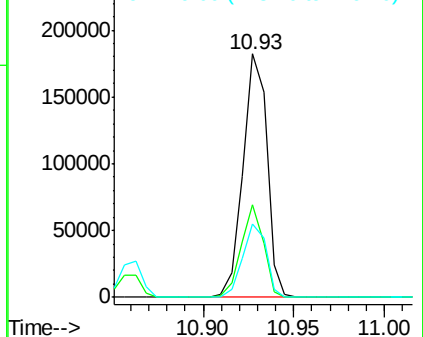
#67
Hexachlorobenzene
Concen: 40.977 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 167994
Ion Ratio Lower Upper
284 100
142 38.2 34.6 52.0
249 30.3 24.8 37.2

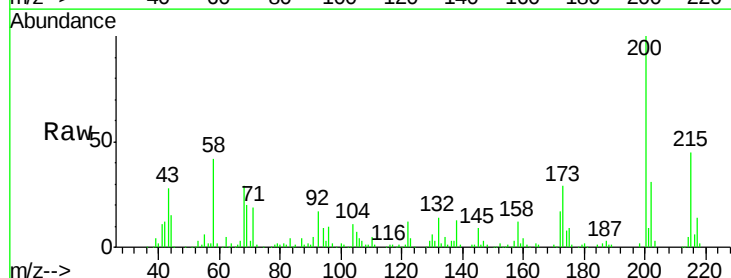


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

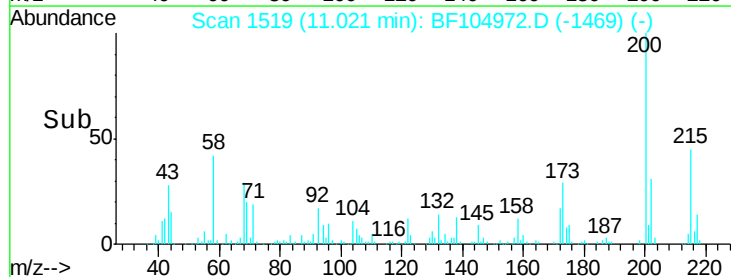
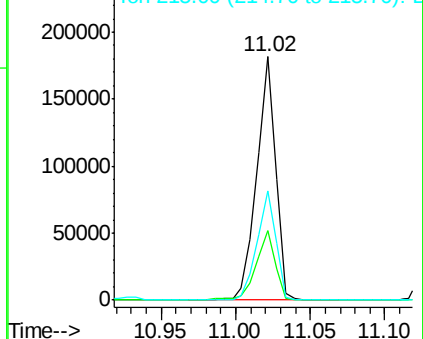


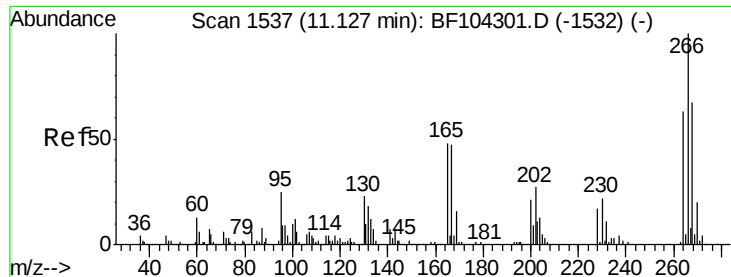
#68
Atrazine
Concen: 43.962 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion:200 Resp: 157603
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 44.8 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

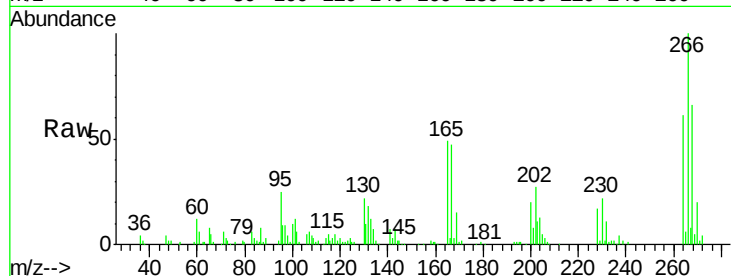




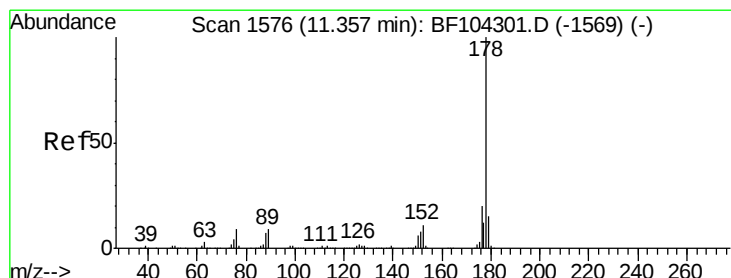
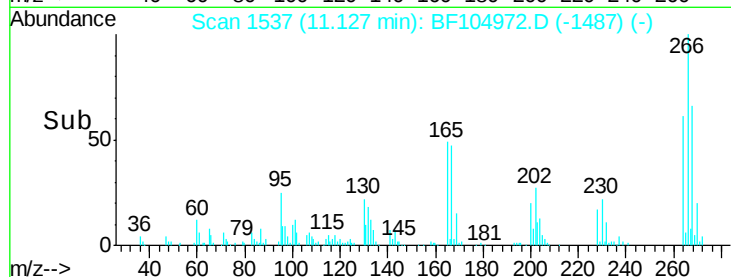
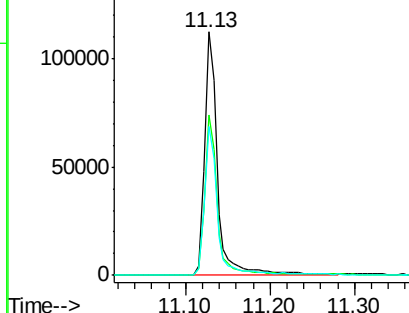
#69
 Pentachlorophenol
 Concen: 47.571 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 120654
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.1 76.7
 264 61.1 49.5 74.3

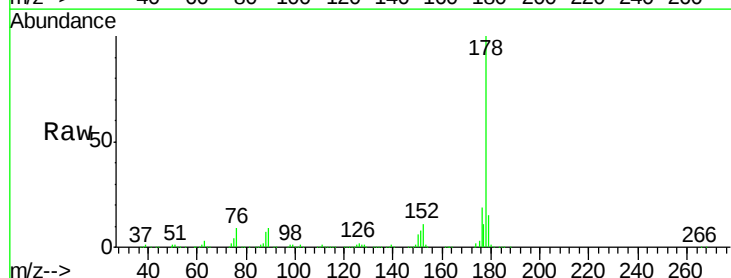


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

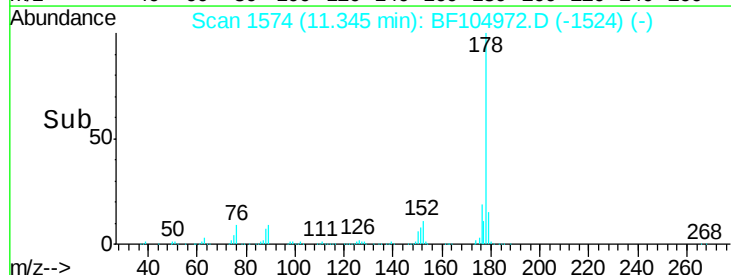
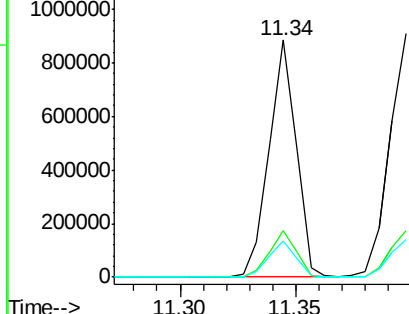


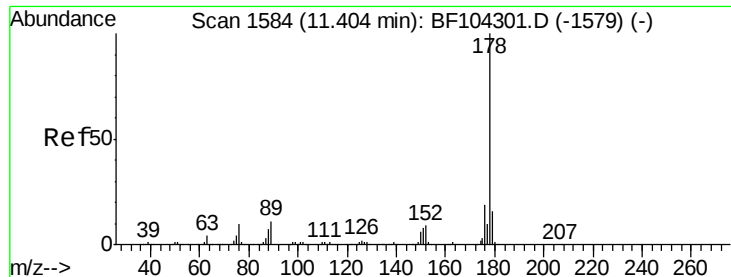
#70
 Phenanthrene
 Concen: 38.117 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion:178 Resp: 727113
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.2 13.0 19.6



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

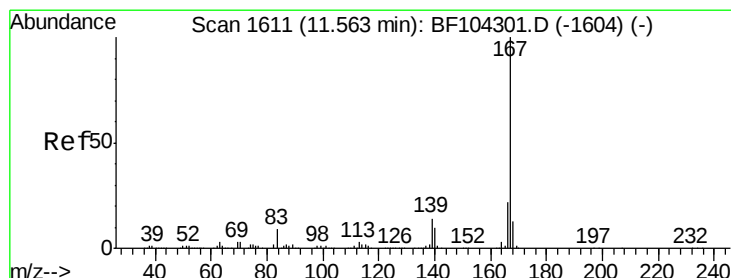
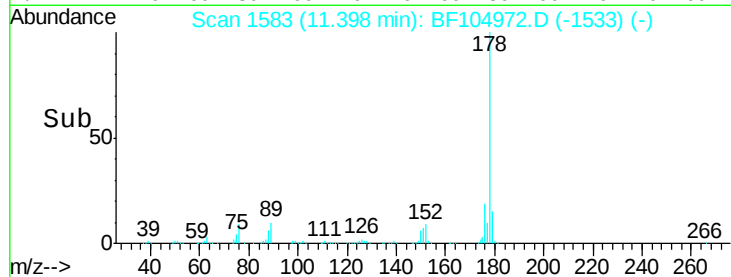
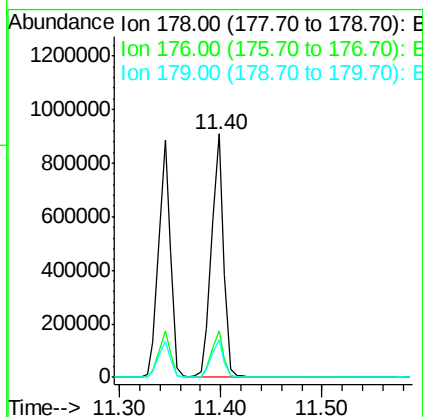
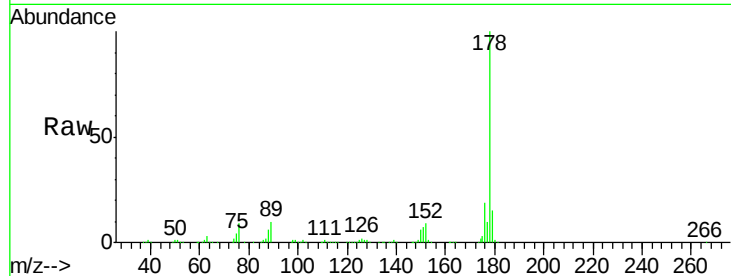




#71
 Anthracene
 Concen: 38.972 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

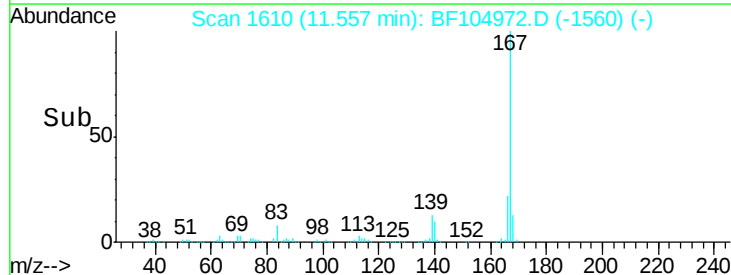
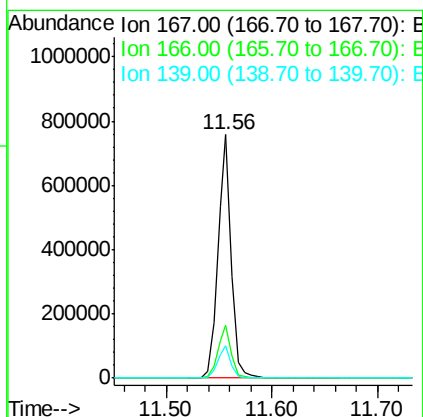
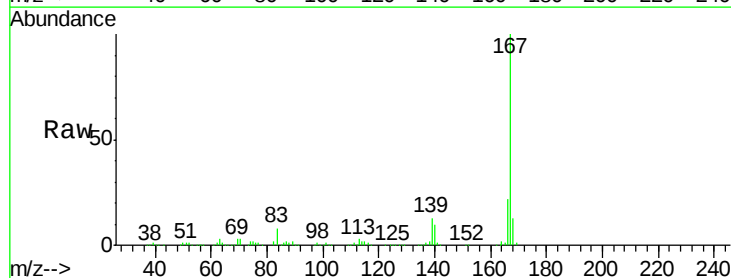
Instrument :
 BNA_F
 ClientSampleId :

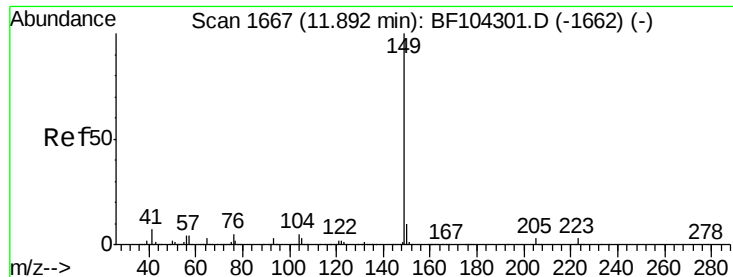
Tot Ion:178 Resp: 755692
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 35.277 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion:167 Resp: 668437
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.676 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampled :

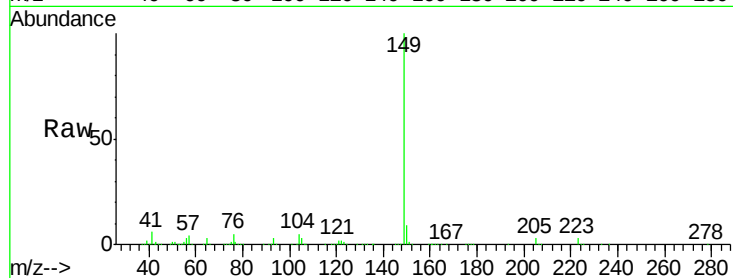
Tot Ion:149 Resp: 918364

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

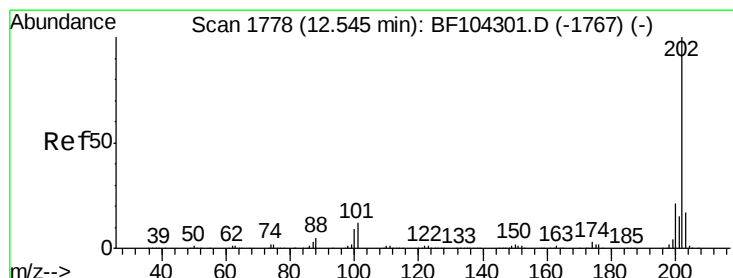
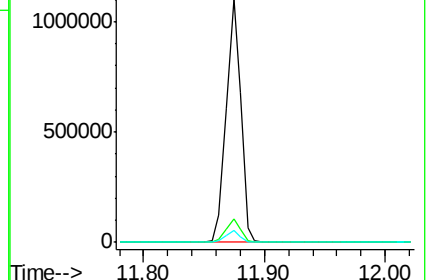
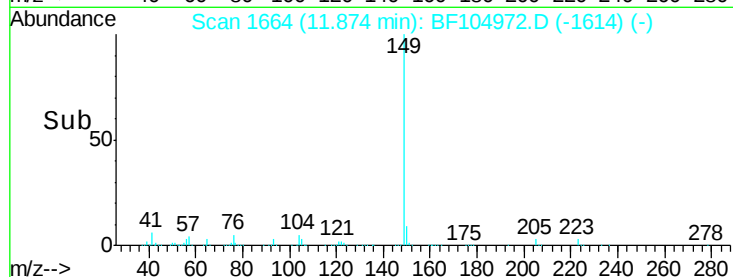
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.305 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

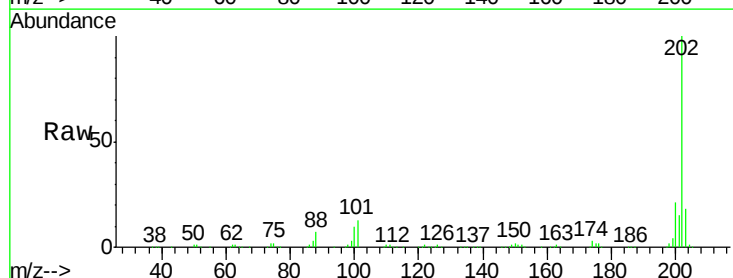
Tgt Ion:202 Resp: 663795

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

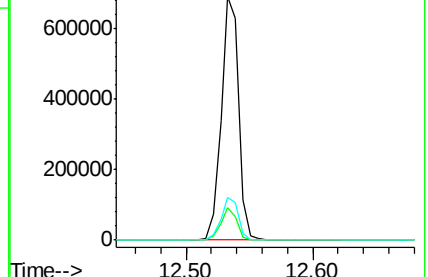
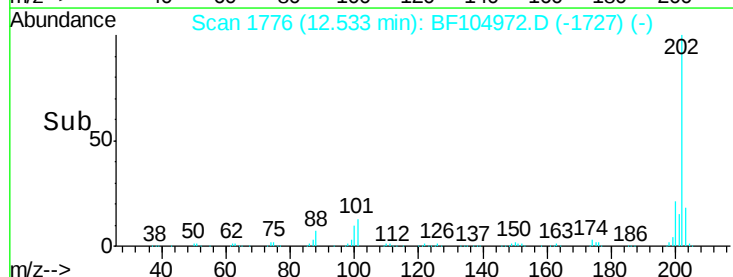
203 17.5 0.0 38.1

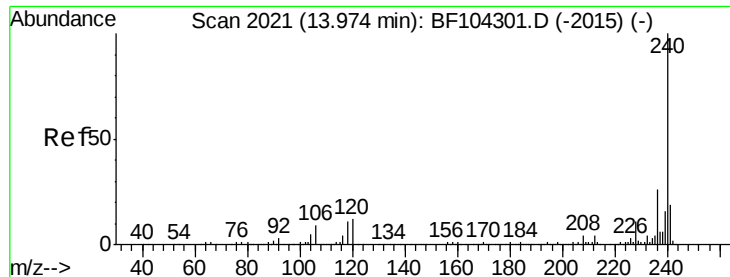


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

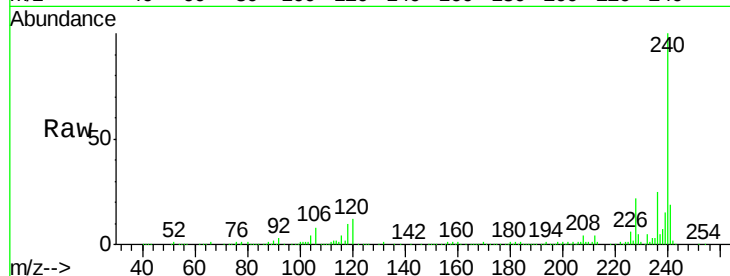
Tot Ion:240 Resp: 220662

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

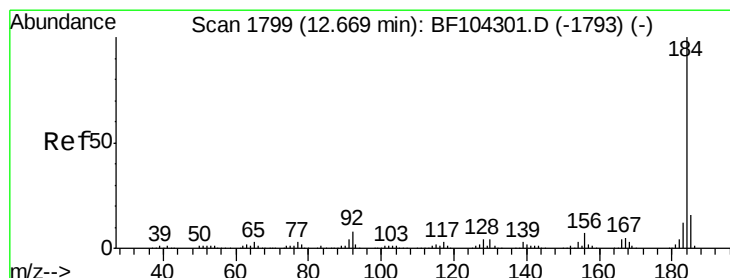
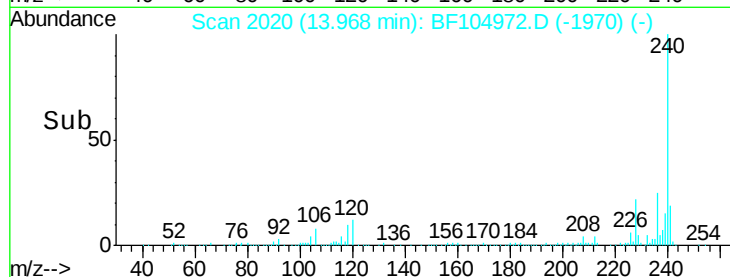
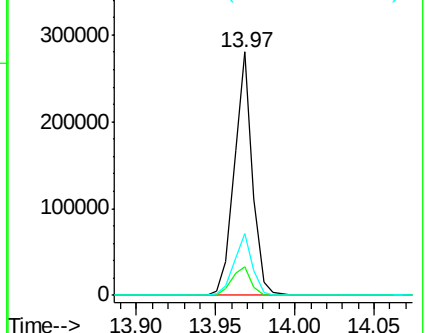
236 25.3 20.7 31.1



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: 33.314 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

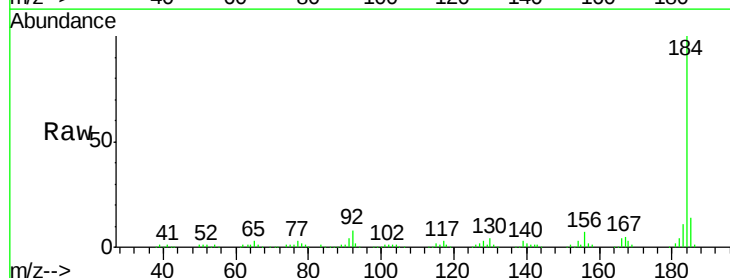
Tgt Ion:184 Resp: 261792

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

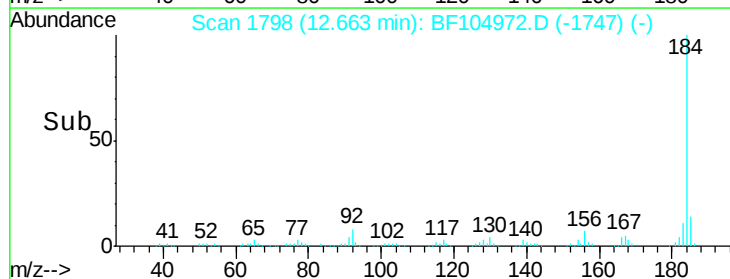
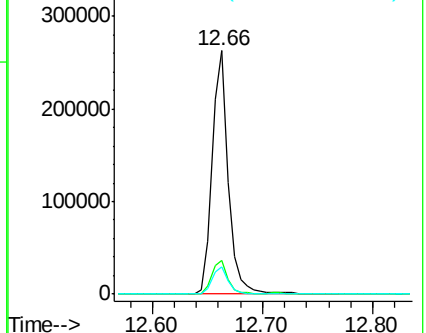
183 11.3 9.3 13.9

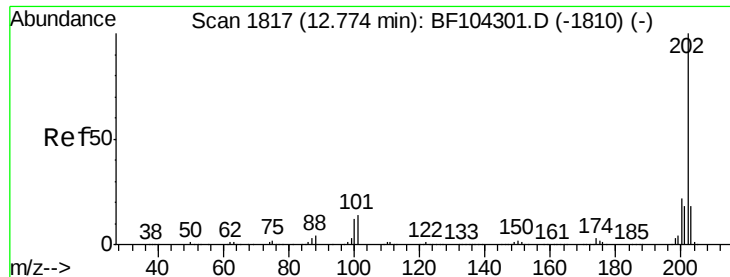


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

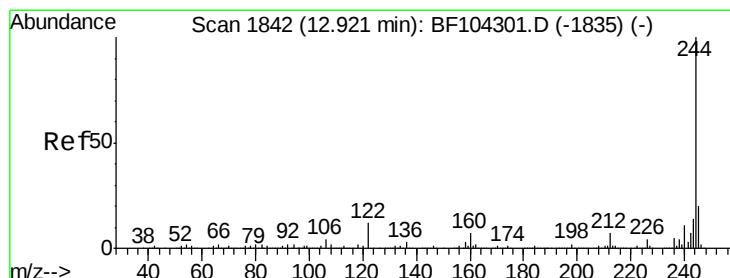
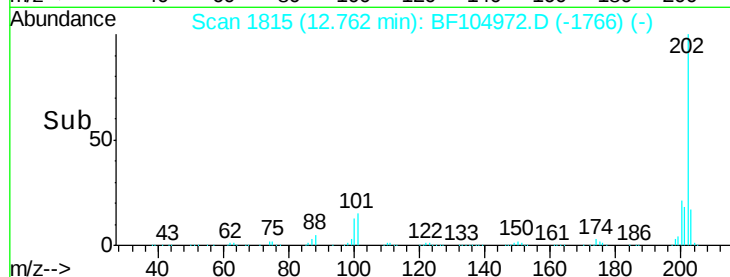
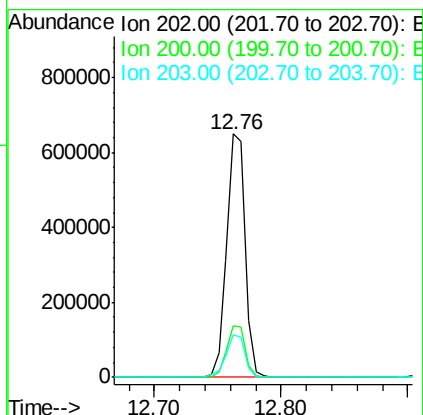
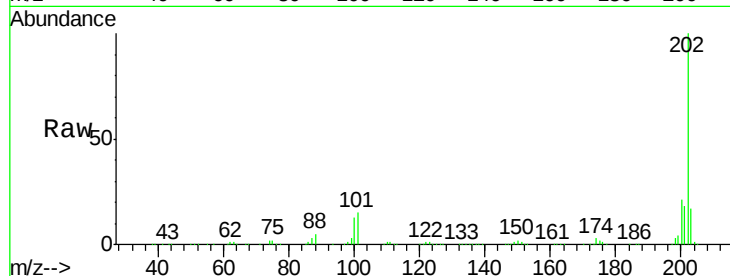




#77
Pvrene
Concen: 39.874 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

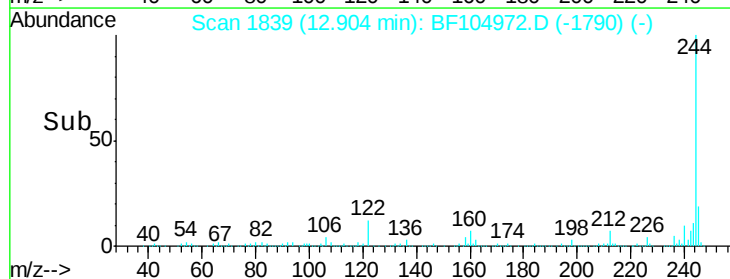
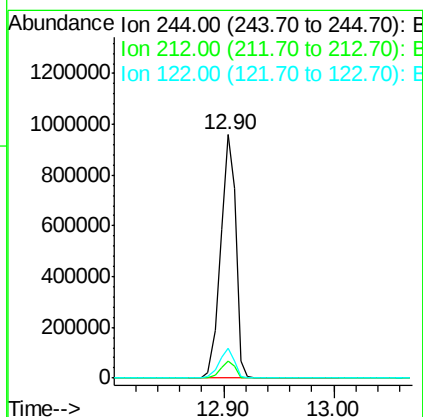
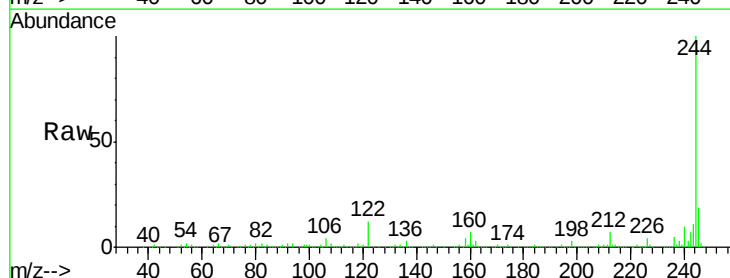
Instrument :
BNA_F
ClientSampleId :

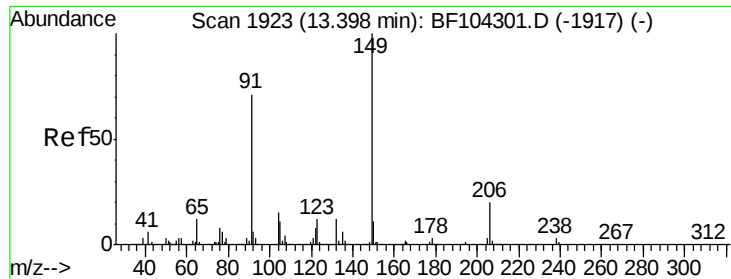
Tot Ion:202 Resp: 652189
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 94.772 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion:244 Resp: 917285
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.5 11.0 16.4

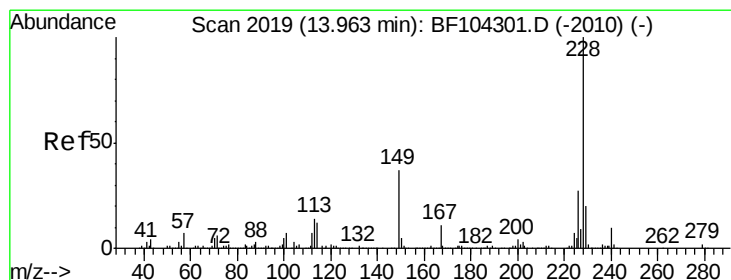
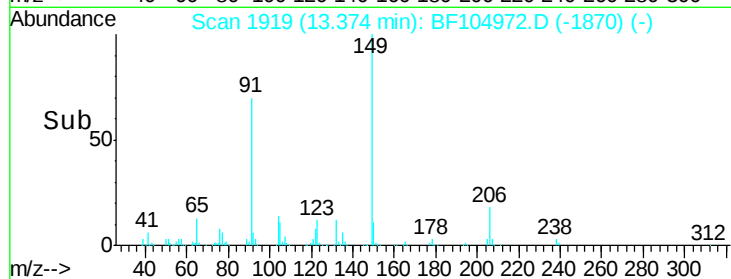
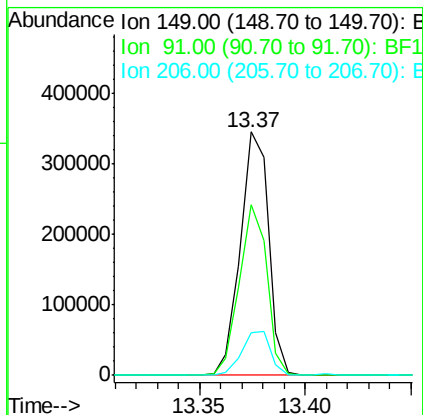
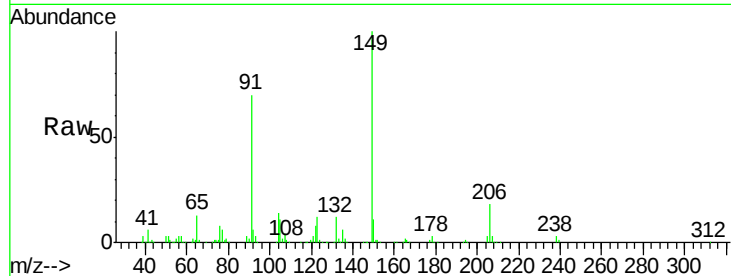




#79
Butylbenzylphthalate
Concen: 41.756 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

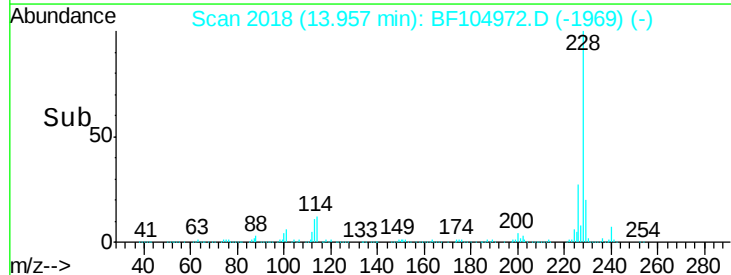
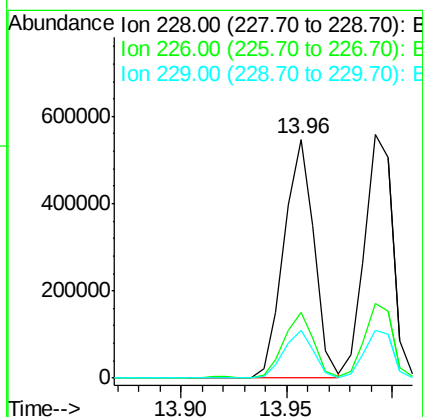
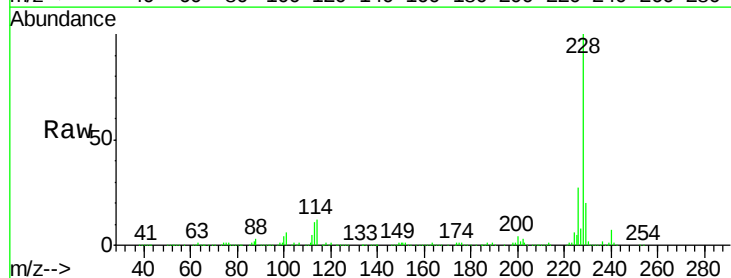
Instrument :
BNA_F
ClientSampleId :

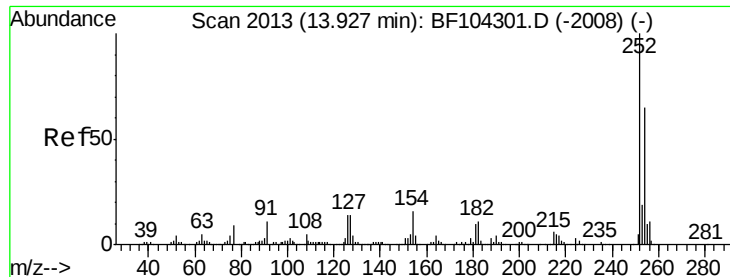
Tot Ion:149 Resp: 321761
Ion Ratio Lower Upper
149 100
91 70.2 56.8 85.2
206 17.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.376 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion:228 Resp: 545449
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 33.382 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

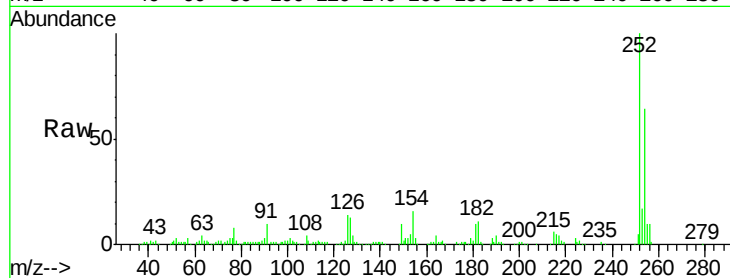
Tot Ion:252 Resp: 164078

Ion Ratio Lower Upper

252 100

254 64.5 50.4 75.6

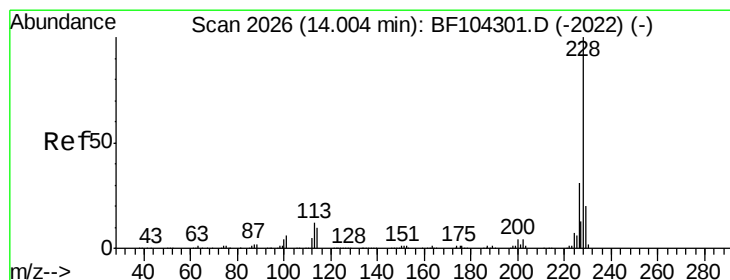
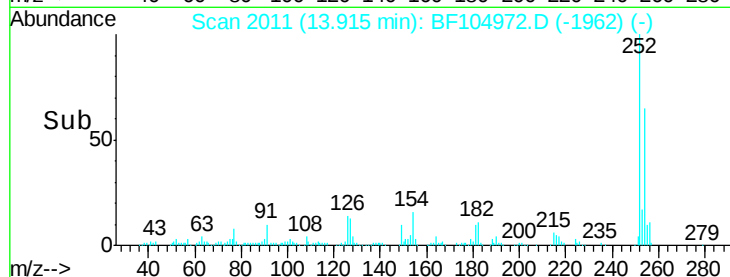
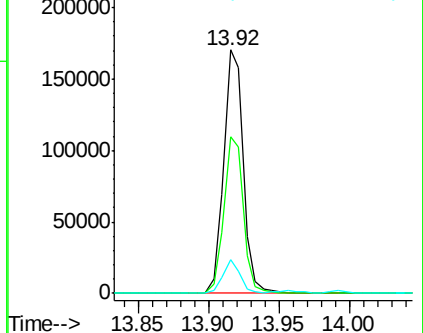
126 13.9 11.3 16.9



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: 38.745 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

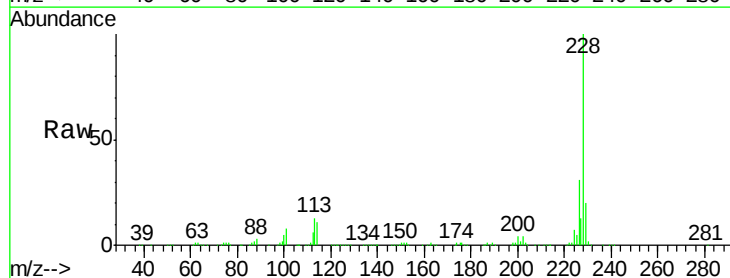
Tgt Ion:228 Resp: 524625

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

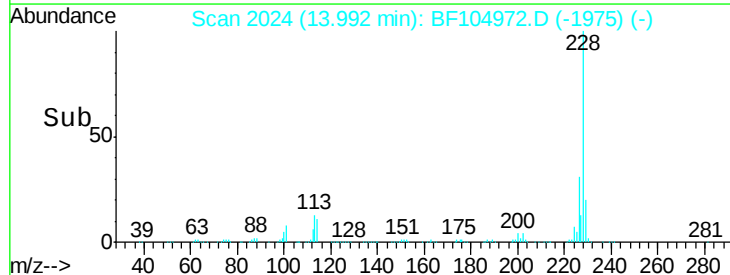
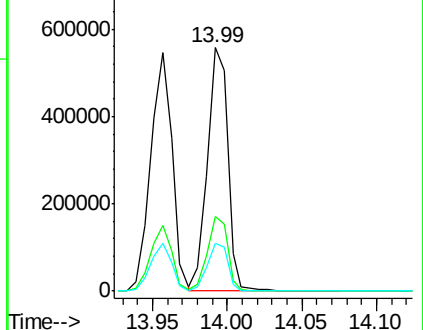
229 19.8 16.2 24.4

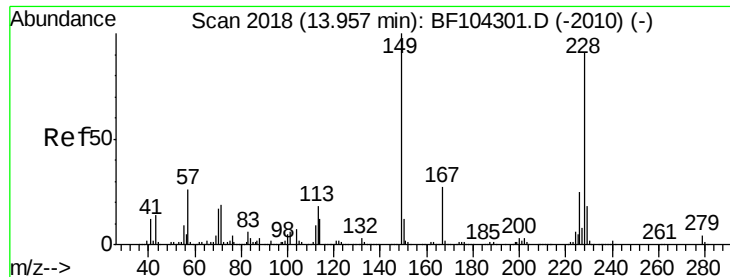


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.268 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

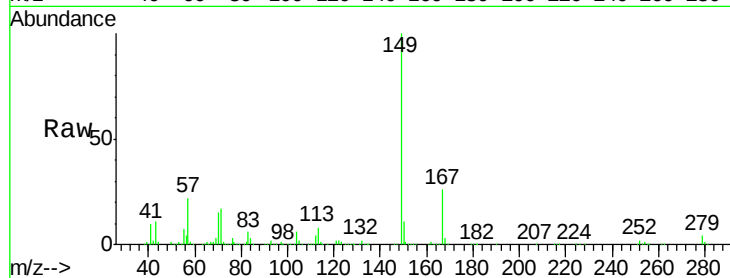
Tot Ion:149 Resp: 448667

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

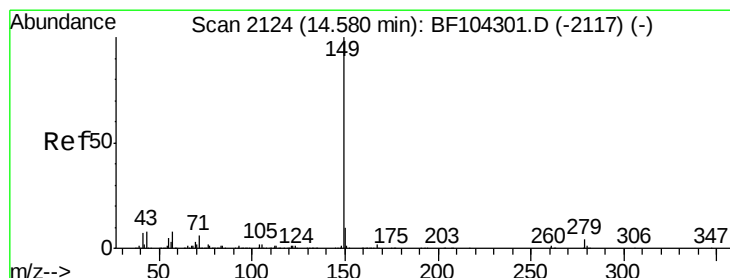
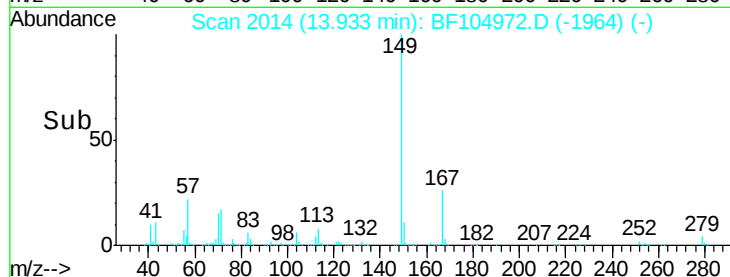
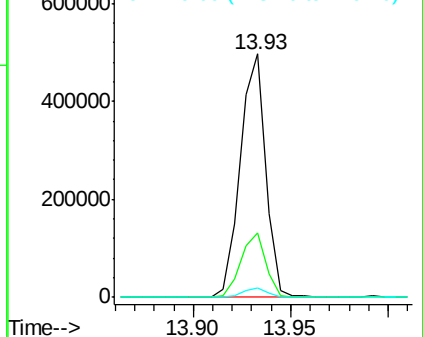
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.762 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

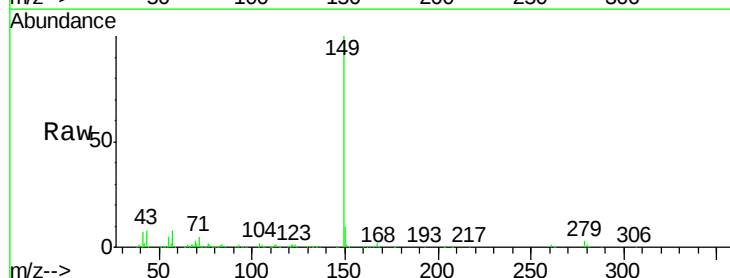
Tgt Ion:149 Resp: 708186

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

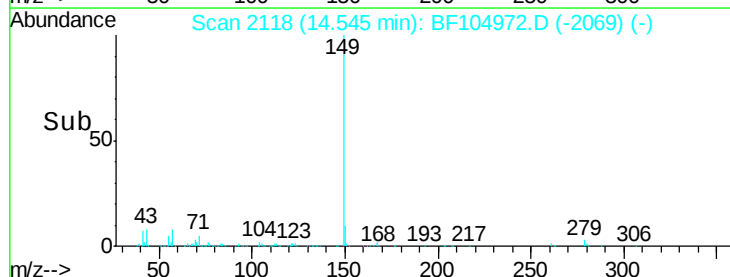
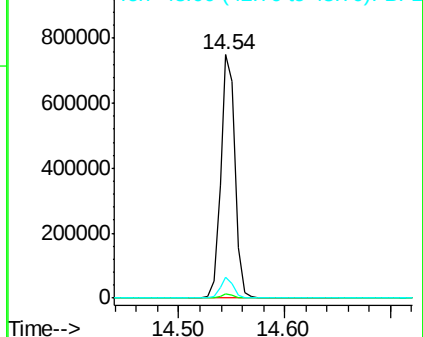
43 7.7 8.4 12.6#

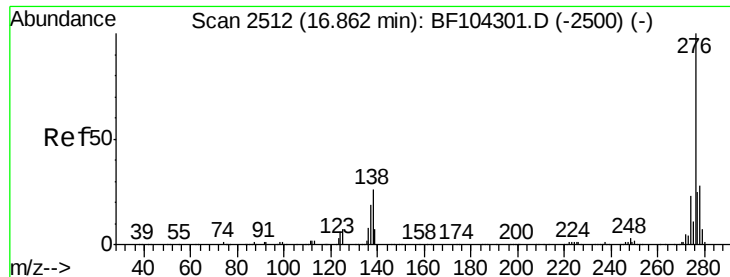


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

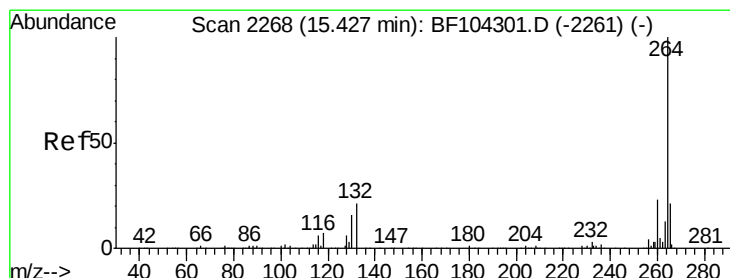
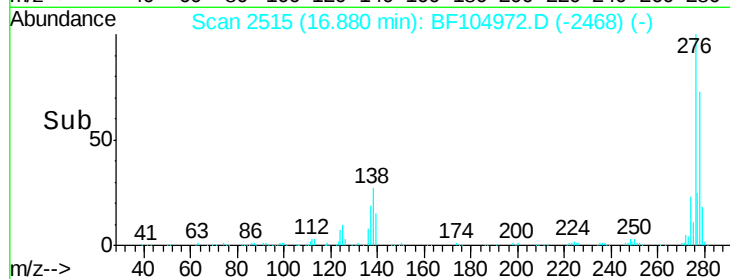
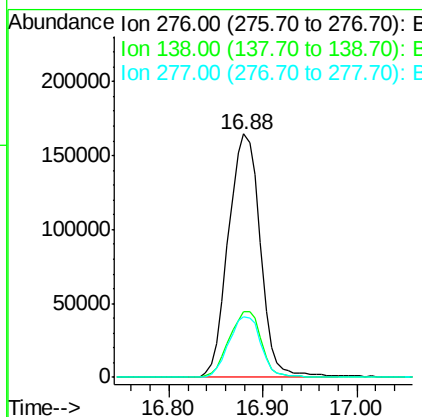
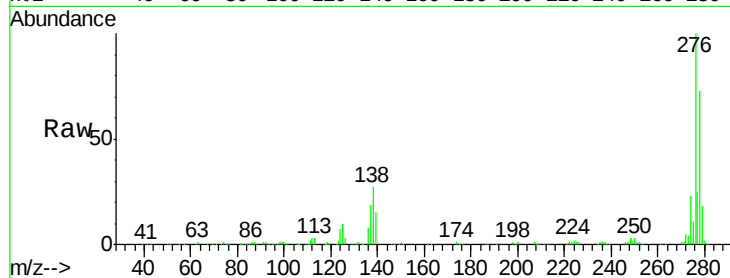




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.956 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

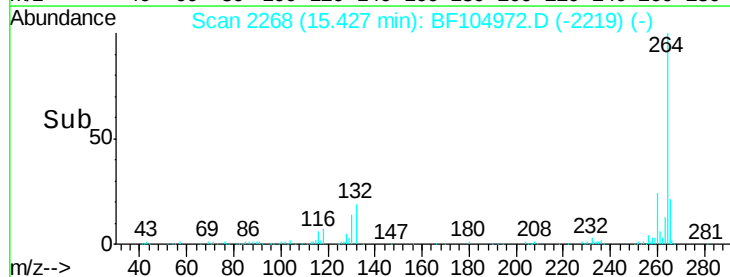
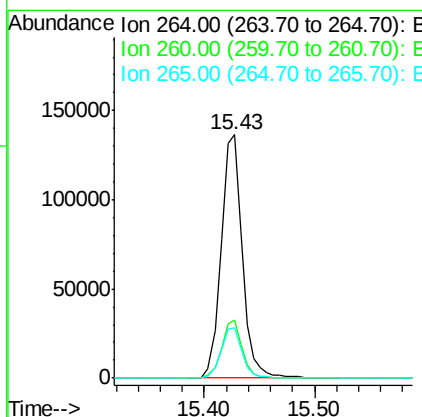
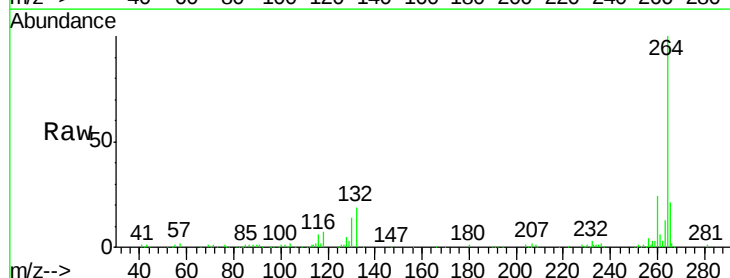
Instrument :
 BNA_F
 ClientSampleId :

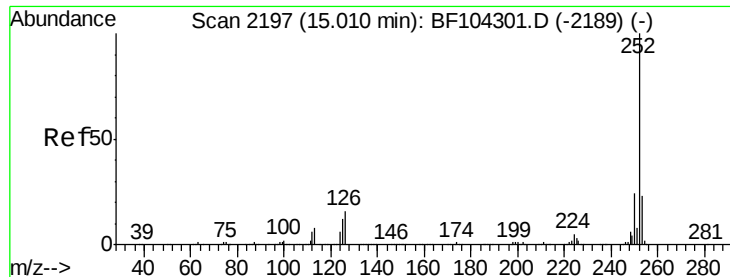
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF104972.D
 Acq: 1 May 2018 9:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	17.5	26.3

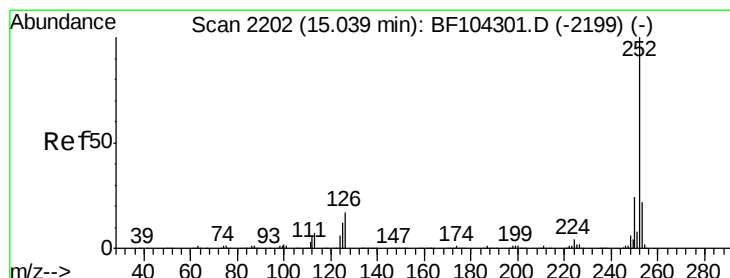
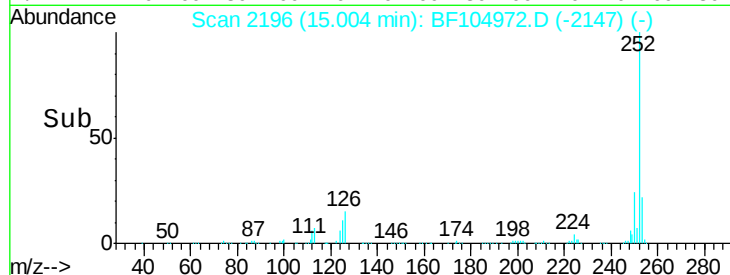
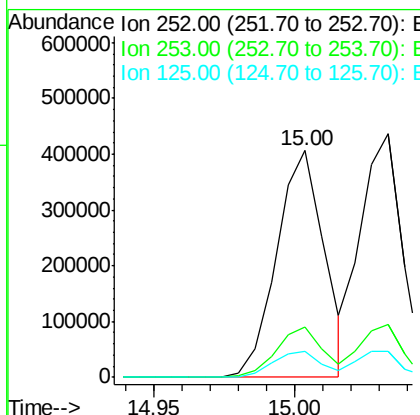
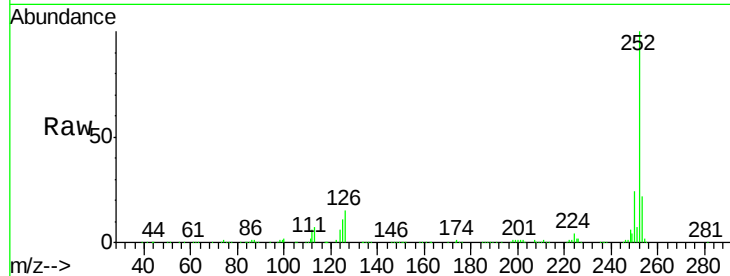




#87
Benzo(b)fluoranthene
Concen: 41.172 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

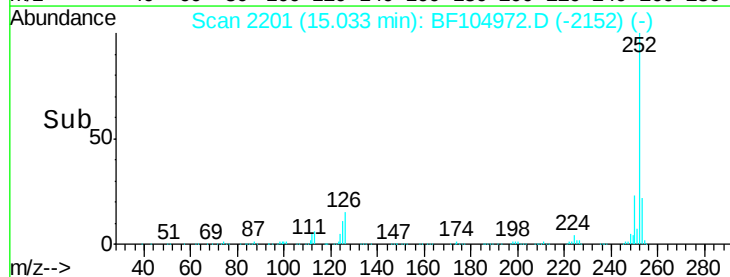
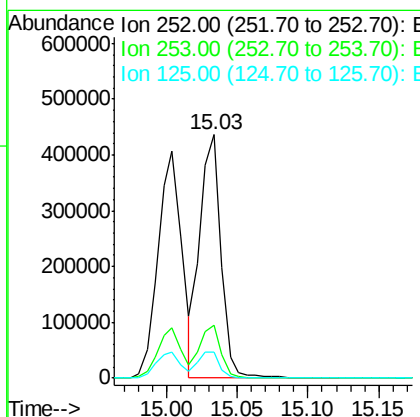
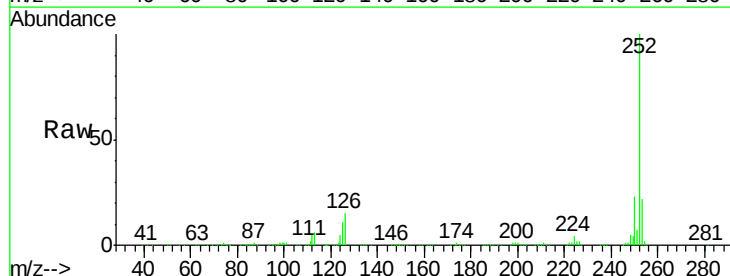
Instrument :
BNA_F
ClientSampled :

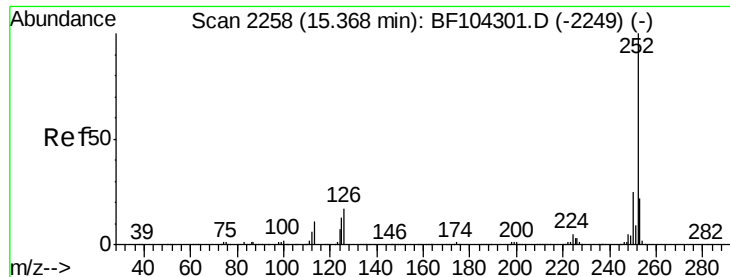
Tot Ion:252 Resp: 474712
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.725 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF104972.D
Acq: 1 May 2018 9:34

Tgt Ion:252 Resp: 454189
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.230 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

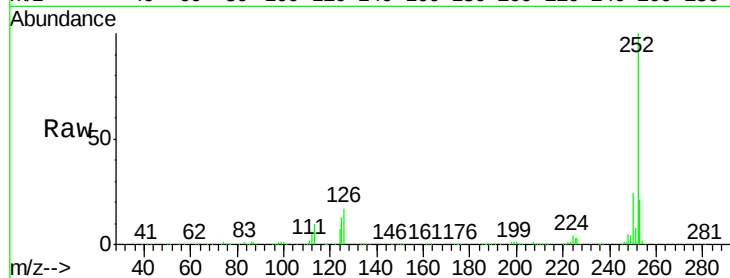
Tot Ion:252 Resp: 425350

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

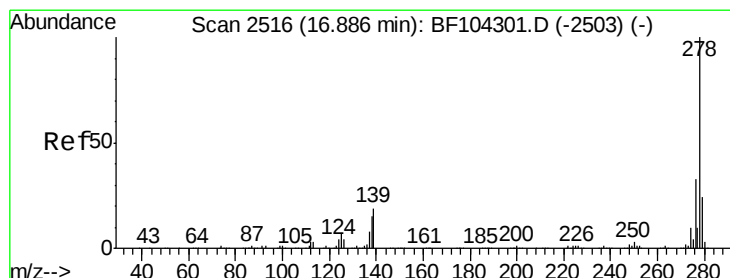
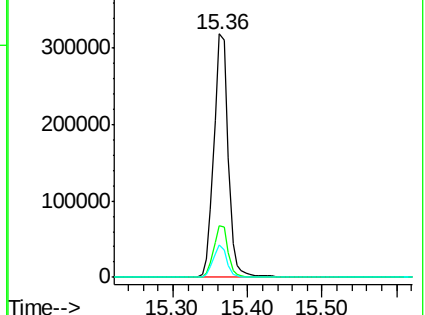
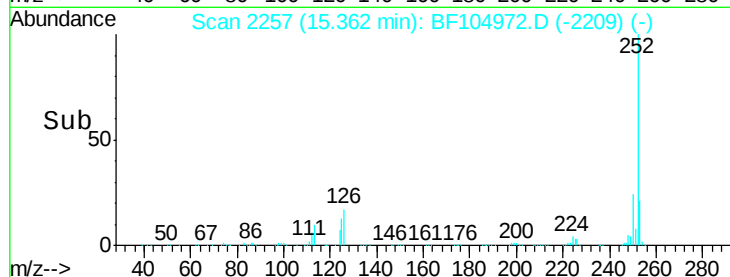
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.303 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.02 min

Lab File: BF104972.D

Acq: 1 May 2018 9:34

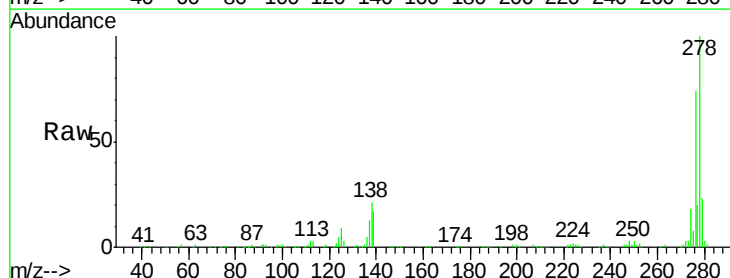
Tgt Ion:278 Resp: 333014

Ion Ratio Lower Upper

278 100

139 17.3 15.9 23.9

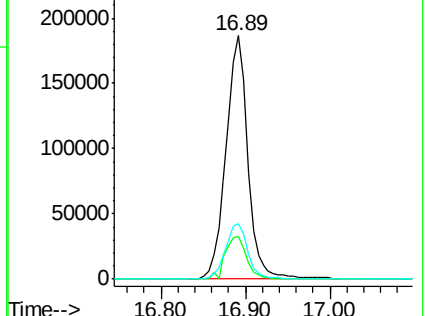
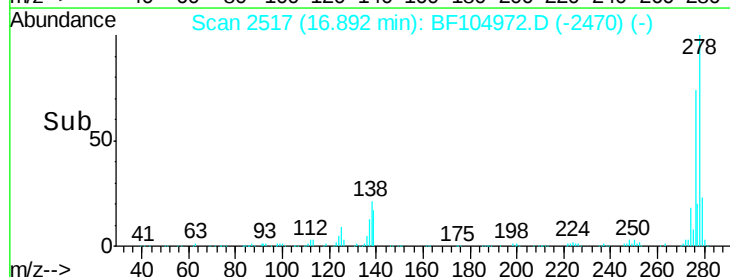
279 23.0 19.0 28.4

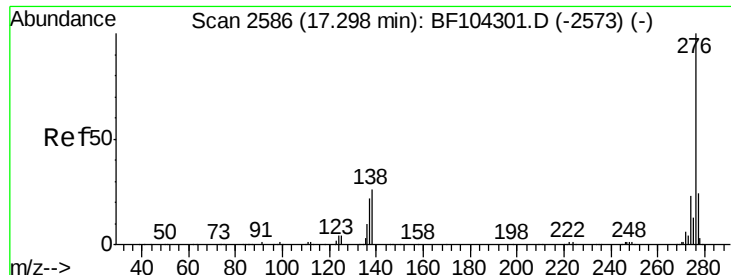


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.443 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.03 min

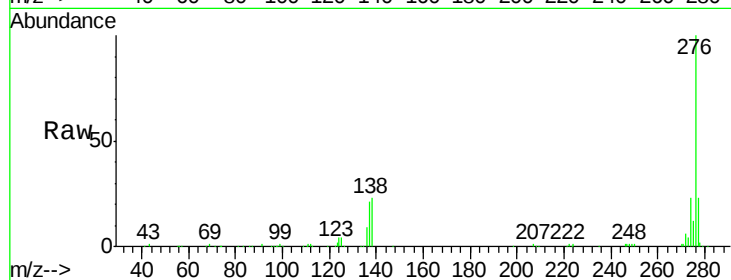
Lab File: BF104972.D

Acq: 1 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 315570

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 22.7 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

