

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104298.D
 Acq On : 6 Apr 2018 11:34
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 13:48:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 13:46:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153983	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	628107	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	300064	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	546695	20.00	ng	0.00
75) Chrysene-d12	13.97	240	476330	20.00	ng	0.00
86) Perylene-d12	15.43	264	458847	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	58280	6.04	ng	-0.01
7) Phenol-d6	6.41	99	70227	5.91	ng	-0.02
23) Nitrobenzene-d5	7.36	82	45138	4.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	16560	4.96	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	125615	6.60	ng	0.00
78) Terphenyl-d14	12.91	244	129114	6.26	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	12321	2.959	ng	93
3) Pyridine	3.28	79	34426	3.265	ng	89
4) n-Nitrosodimethylamine	3.20	42	12560	4.008	ng	# 75
6) Aniline	6.46	93	45731	3.216	ng	97
8) 2-Chlorophenol	6.57	128	29671	2.801	ng	95
9) Benzaldehyde	6.35	77	22556	3.578	ng	99
10) Phenol	6.42	94	35322	2.684	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	28702	2.531	ng	97
12) 1,3-Dichlorobenzene	6.74	146	34131	2.867	ng	98
13) 1,4-Dichlorobenzene	6.82	146	33352	2.614	ng	98
14) 1,2-Dichlorobenzene	6.97	146	31542	2.751	ng	99
15) Benzyl Alcohol	6.93	79	26686	3.455	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	38811	3.141	ng	94
17) 2-Methylphenol	7.04	107	24701	2.865	ng	97
18) Hexachloroethane	7.32	117	11601	2.716	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	24732	3.508	ng	99
20) 3+4-Methylphenols	7.19	107	34266	3.115	ng	100
22) Acetophenone	7.20	105	46001	3.027	ng	# 94
24) Nitrobenzene	7.37	77	25120	2.325	ng	94
25) Isophorone	7.62	82	56200	2.969	ng	96
26) 2-Nitrophenol	7.70	139	8260	1.464	ng	96
27) 2,4-Dimethylphenol	7.73	122	25459	3.129	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	34817	2.935	ng	98
29) 2,4-Dichlorophenol	7.93	162	22940	2.700	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	26845	2.784	ng	99
31) Naphthalene	8.10	128	89910	2.930	ng	100
32) Benzoic acid	7.77	122	10879	1.825	ng	98
33) 4-Chloroaniline	8.15	127	38182	2.951	ng	98
34) Hexachlorobutadiene	8.22	225	14504	2.765	ng	99
35) Caprolactam	8.57	113	310	0.115	ng	88
36) 4-Chloro-3-methylphenol	8.62	107	24792	2.758	ng	97
37) 2-Methylnaphthalene	8.79	142	59323	2.935	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	24972	2.714	ng	99
40) Hexachlorocyclopentadiene	8.95	237	11955	3.154	ng	94

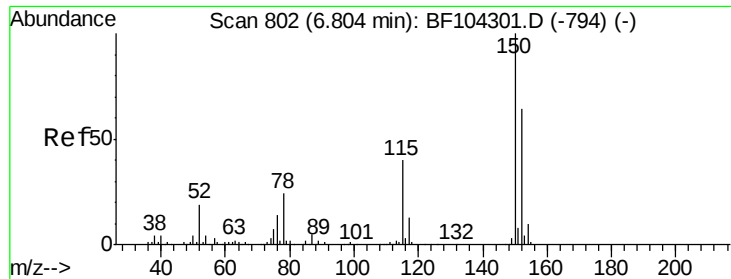
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	15939	2.736	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	17782	2.528	nq	99
45) 1,1'-Biphenyl	9.26	154	75767	2.942	nq	98
46) 2-Chloronaphthalene	9.28	162	58301	2.870	nq	96
47) 2-Nitroaniline	9.37	65	9347	1.614	nq	94
48) Acenaphthylene	9.70	152	91131	2.961	nq	98
49) Dimethylphthalate	9.56	163	67803	2.862	nq	99
50) 2,6-Dinitrotoluene	9.62	165	8058	1.581	nq	97
51) Acenaphthene	9.87	154	55770	3.132	nq	97
52) 3-Nitroaniline	9.78	138	9598	1.638	nq	# 82
53) 2,4-Dinitrophenol	9.89	184	1236	0.641	nq	# 23
54) Dibenzofuran	10.04	168	77298	2.973	nq	98
55) 4-Nitrophenol	9.93	139	7164	2.039	nq	88
56) 2,4-Dinitrotoluene	10.02	165	7986	1.228	nq	# 91
57) Fluorene	10.39	166	65554	3.057	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	13278	2.519	nq	94
59) Diethylphthalate	10.26	149	68785	3.031	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	28893	2.933	nq	97
61) 4-Nitroaniline	10.39	138	9167	1.672	nq	# 81
62) Azobenzene	10.54	77	65148	3.175	nq	95
64) 4,6-Dinitro-2-methylphenol	10.42	198	2670	0.807	nq	93
65) n-Nitrosodiphenylamine	10.49	169	55340	2.989	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	16339	2.794	nq	93
67) Hexachlorobenzene	10.93	284	18993	2.823	nq	94
68) Atrazine	11.02	200	17072	3.010	nq	94
69) Pentachlorophenol	11.12	266	9334	2.521	nq	91
70) Phenanthrene	11.35	178	92583	3.128	nq	97
71) Anthracene	11.40	178	93180	3.014	nq	98
72) Carbazole	11.55	167	91195	3.091	nq	96
73) Di-n-butylphthalate	11.89	149	111870	3.183	nq	99
74) Fluoranthene	12.53	202	96126	3.055	nq	98
76) Benzidine	12.66	184	59128	4.356	nq	98
77) Pyrene	12.76	202	98480	2.876	nq	99
79) Butylbenzylphthalate	13.39	149	43872	2.720	nq	96
80) Benzo(a)anthracene	13.95	228	84799	2.845	nq	96
81) 3,3'-Dichlorobenzidine	13.92	252	29660	3.006	nq	98
82) Chrysene	13.99	228	82860	2.838	nq	97
83) Bis(2-ethylhexyl)phthalate	13.95	149	62374	2.992	nq	# 96
84) Di-n-octyl phthalate	14.57	149	94185	2.627	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	74216	2.453	nq	100
87) Benzo(b)fluoranthene	15.00	252	72973	2.613	nq	98
88) Benzo(k)fluoranthene	15.03	252	76620	2.913	nq	97
89) Benzo(a)pyrene	15.36	252	69117	2.671	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	59598	2.491	nq	98
91) Benzo(g,h,i)perylene	17.28	276	59976	2.503	nq	95

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

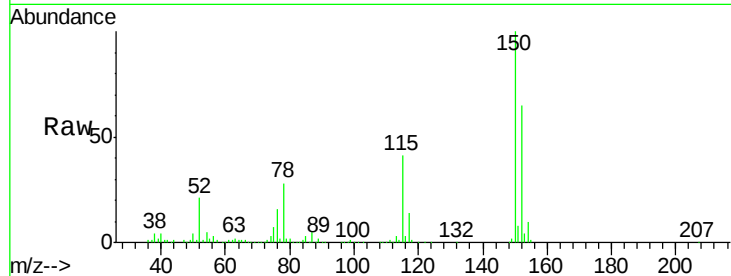


#1

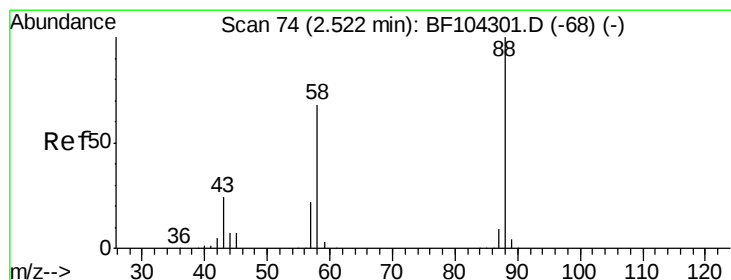
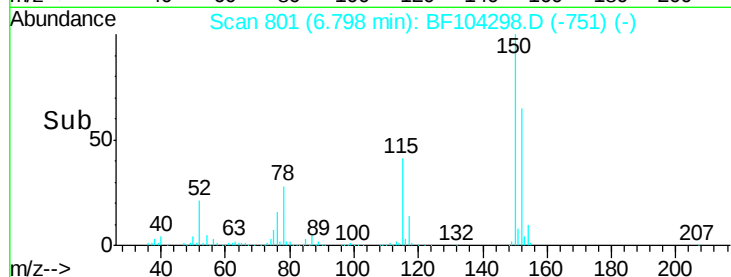
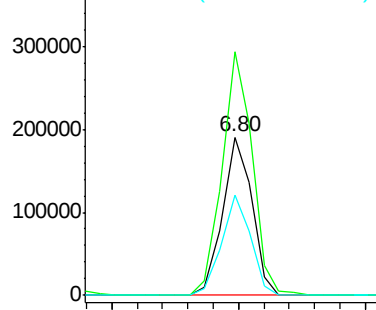
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153983
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 63.1 50.1 75.1



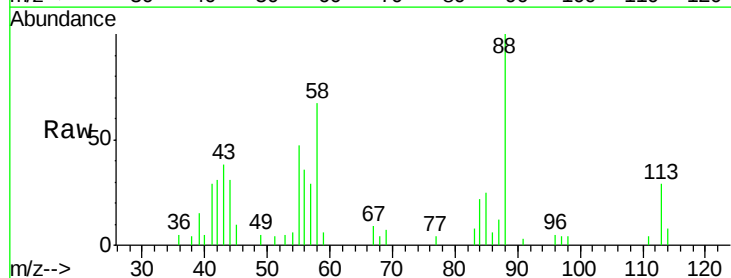
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



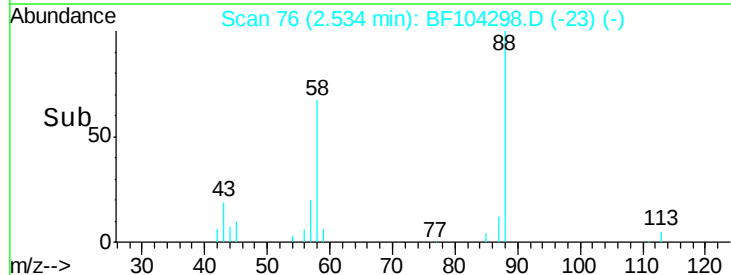
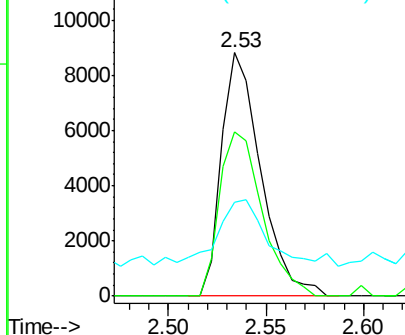
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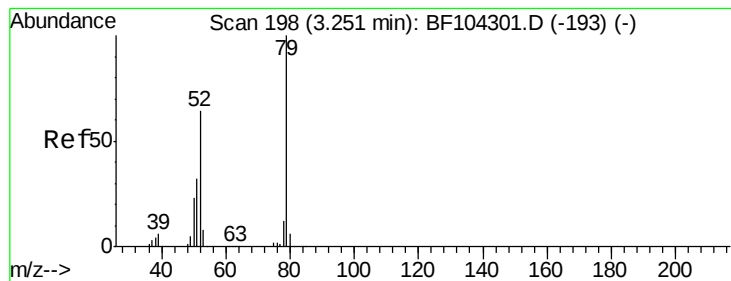
1,4-Dioxane
Concen: 2.959 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion: 88 Resp: 12321
Ion Ratio Lower Upper
88 100
58 73.2 62.6 93.8
43 35.9 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: 3.265 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampled :

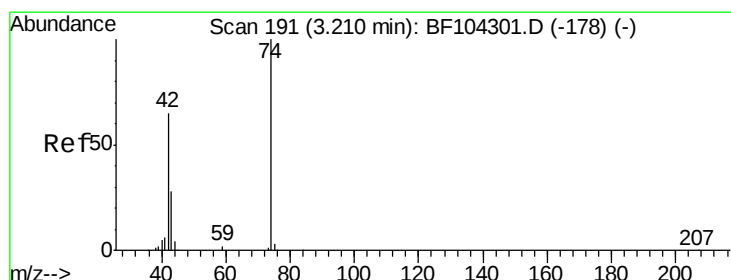
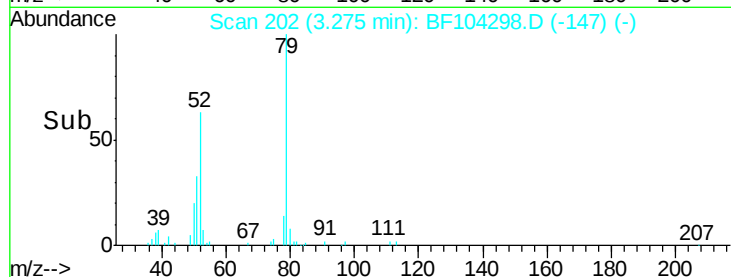
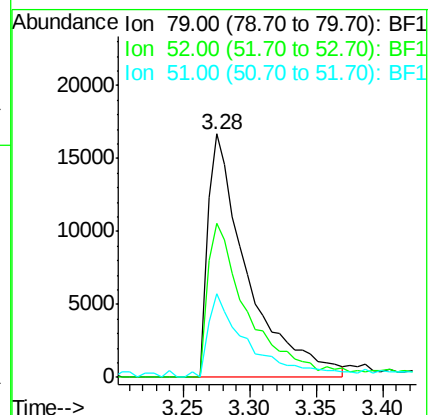
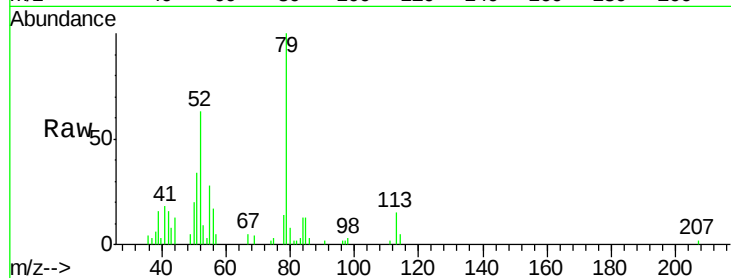
Tot Ion: 79 Resp: 34426

Ion Ratio Lower Upper

79 100

52 63.1 59.8 89.6

51 34.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 4.008 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

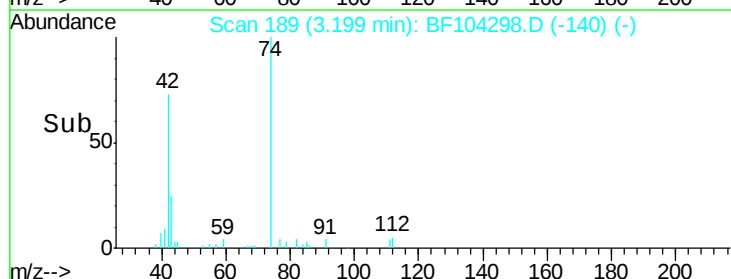
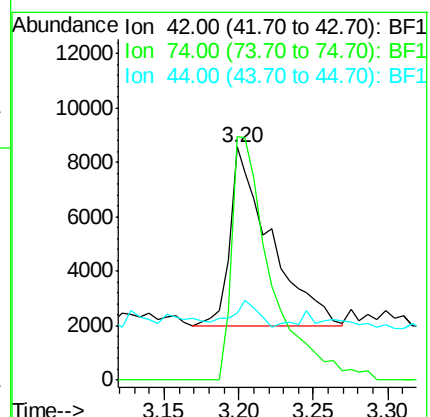
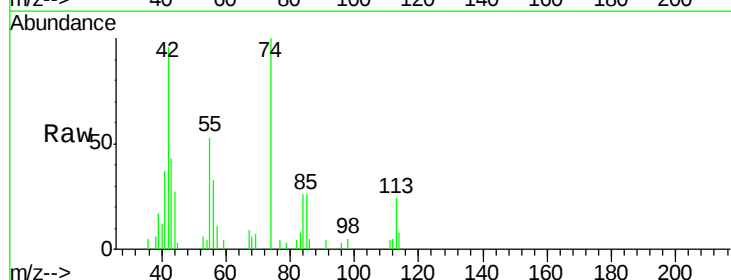
Tgt Ion: 42 Resp: 12560

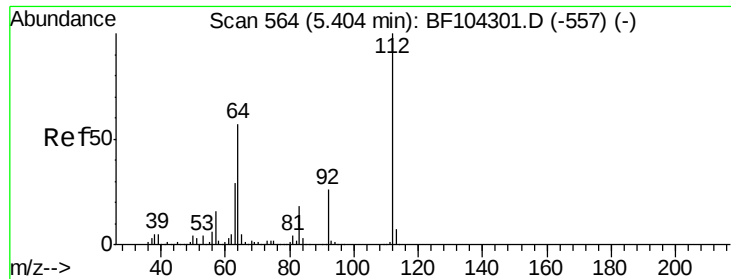
Ion Ratio Lower Upper

42 100

74 104.6 104.9 157.3#

44 28.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 6.036 ng

RT: 5.39 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampled :

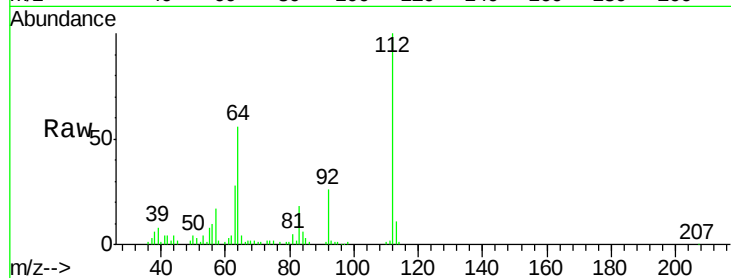
Tot Ion:112 Resp: 58280

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

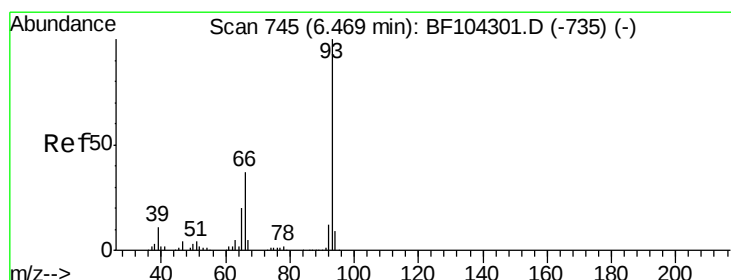
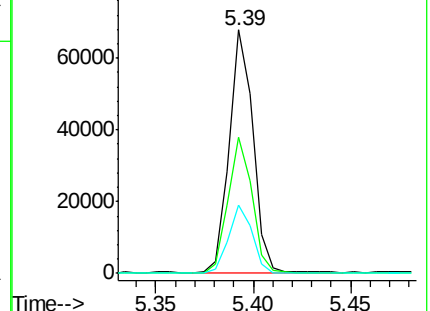
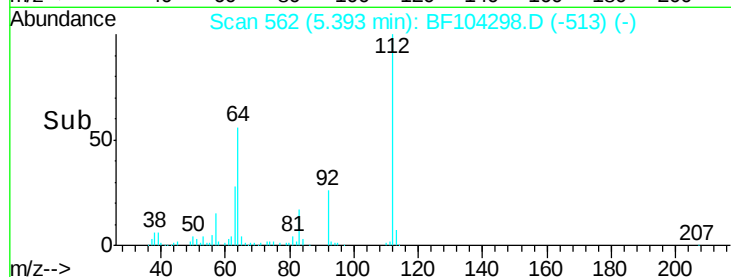
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.216 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

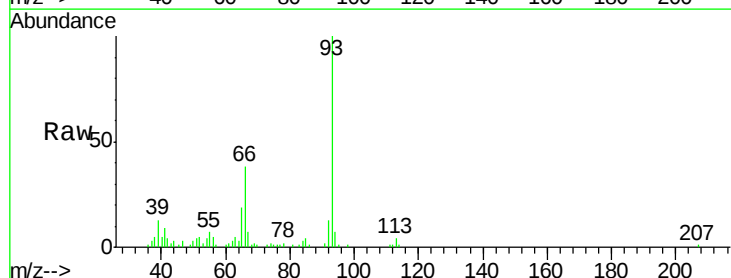
Tgt Ion: 93 Resp: 45731

Ion Ratio Lower Upper

93 100

66 38.2 32.2 48.2

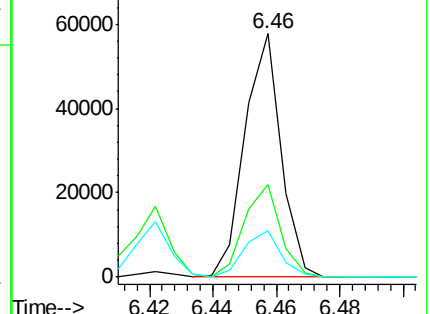
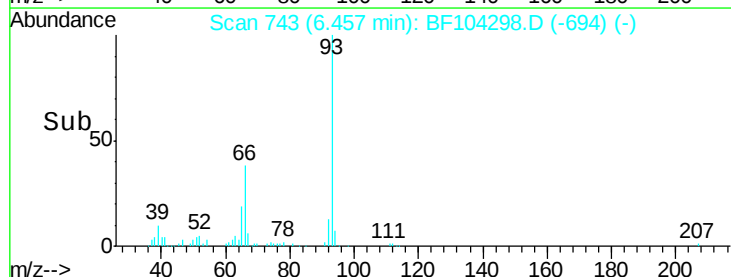
65 19.3 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 5.912 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampled :

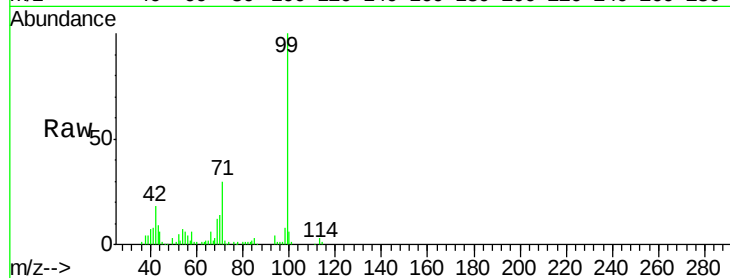
Tot Ion: 99 Resp: 70227

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

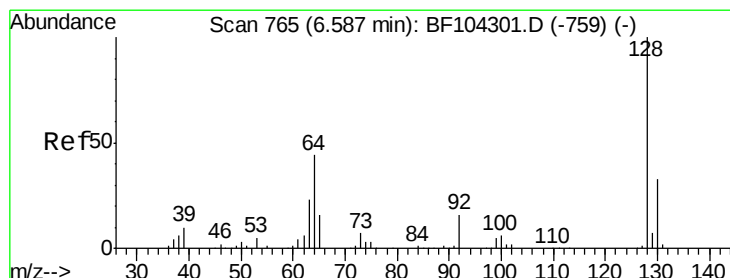
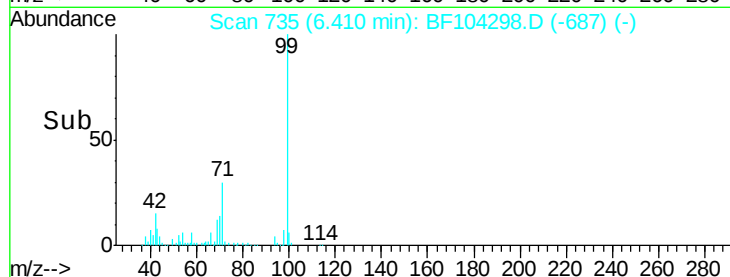
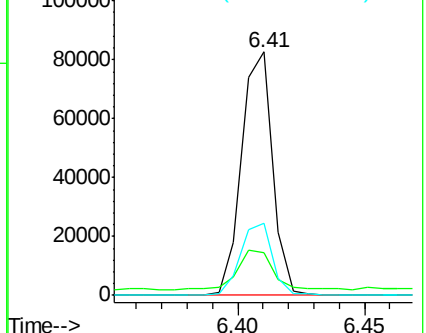
71 29.9 25.4 38.0



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: 2.801 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

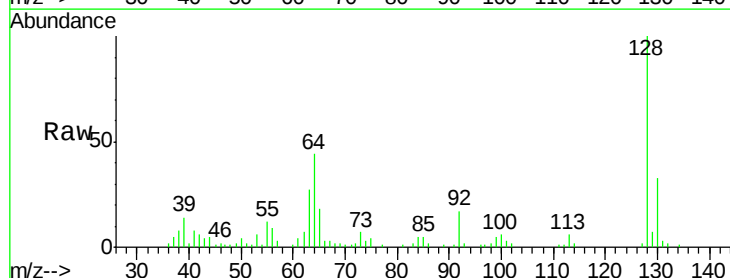
Tgt Ion: 128 Resp: 29671

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

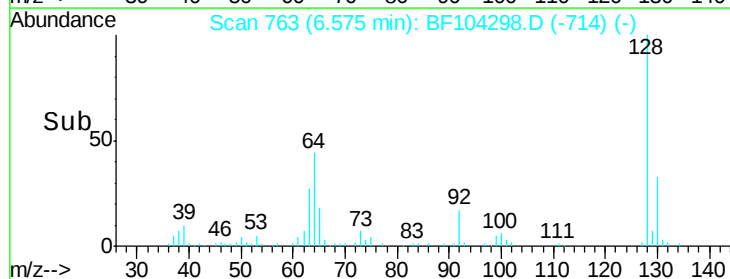
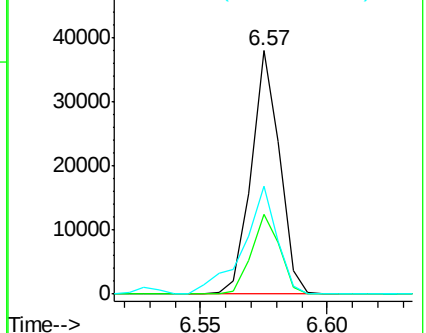
64 44.3 29.4 69.4

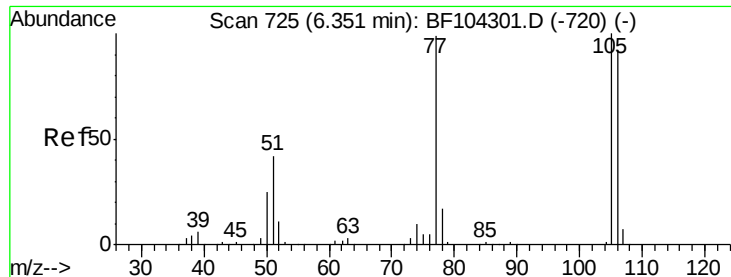


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 3.578 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

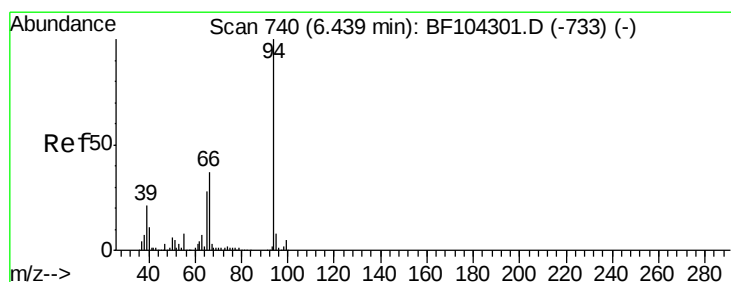
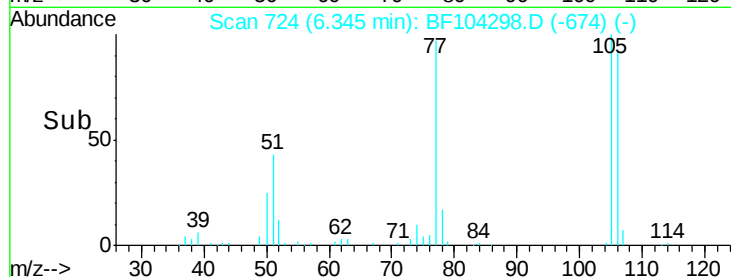
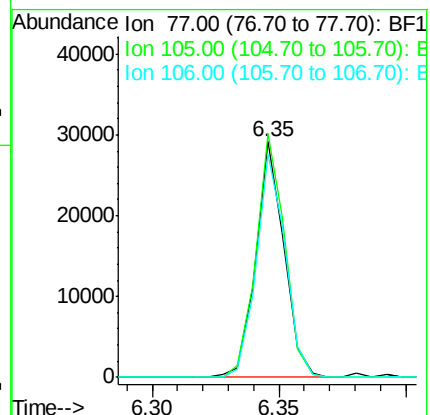
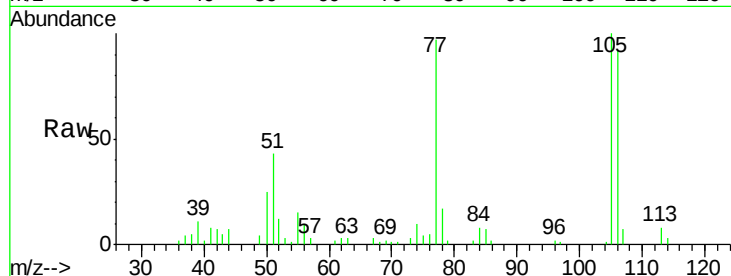
Tot Ion: 77 Resp: 22556

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

106 94.6 74.5 114.5



#10

Phenol

Concen: 2.684 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

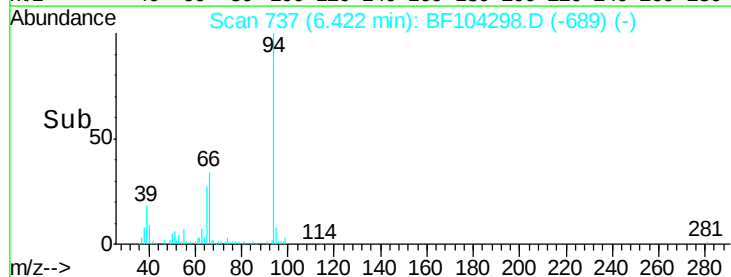
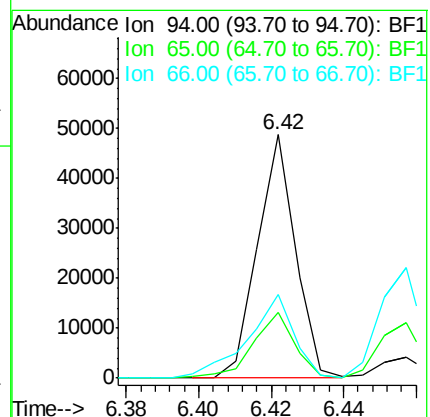
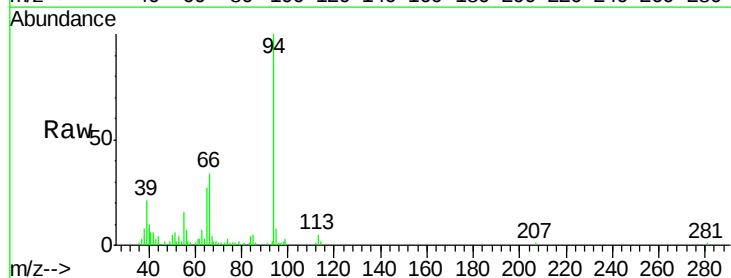
Tgt Ion: 94 Resp: 35322

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 34.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 2.531 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

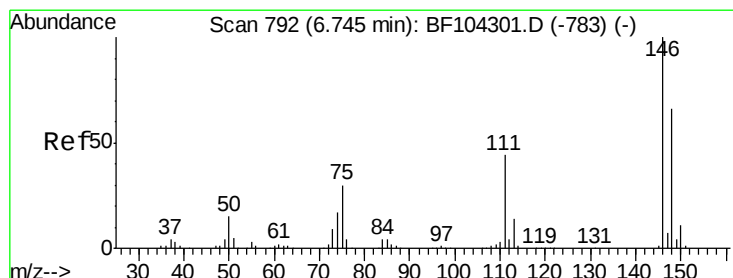
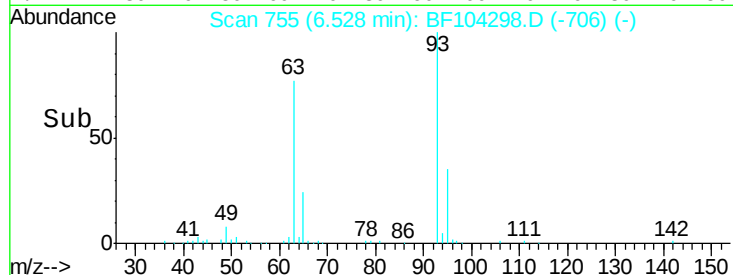
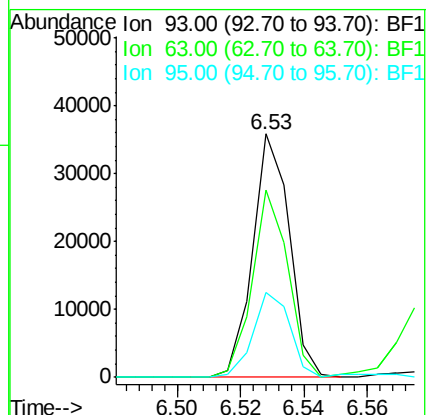
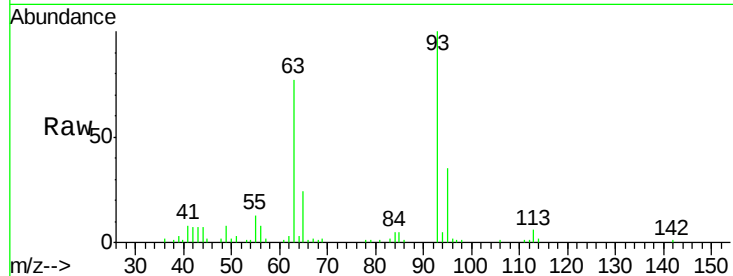
Tot Ion: 93 Resp: 28702

Ion Ratio Lower Upper

93 100

63 77.0 58.6 98.6

95 35.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 2.867 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

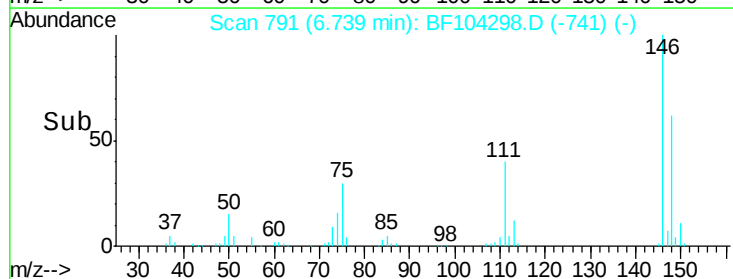
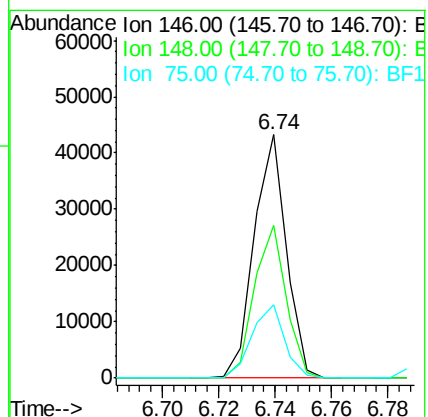
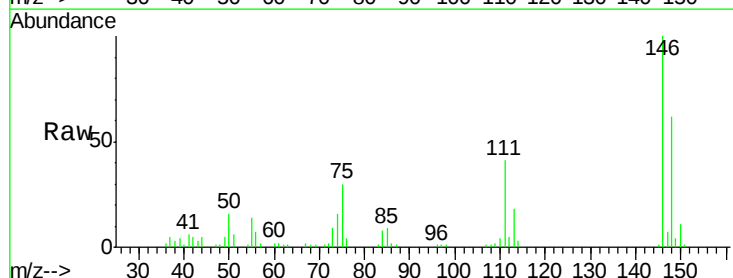
Tgt Ion: 146 Resp: 34131

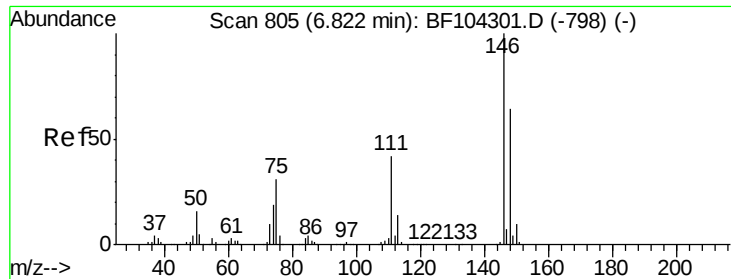
Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.8

75 30.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 2.614 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

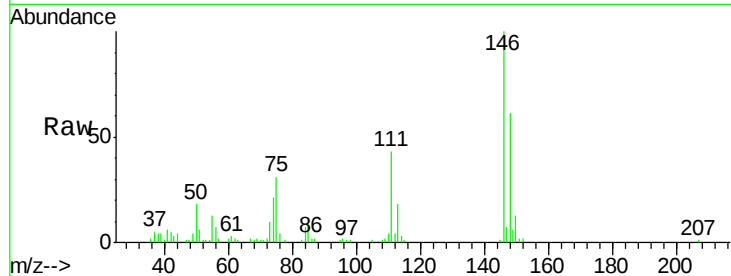
Tot Ion:146 Resp: 33352

Ion Ratio Lower Upper

146 100

148 60.9 50.8 76.2

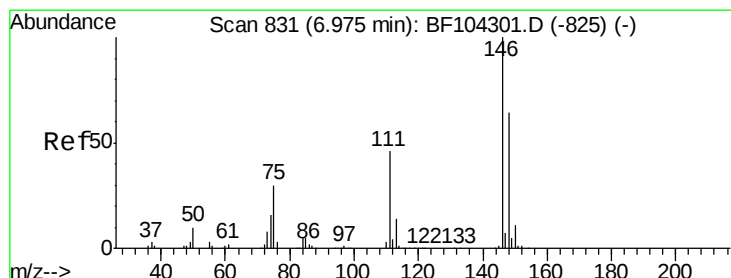
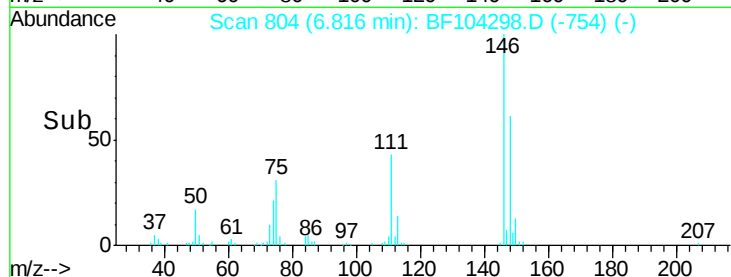
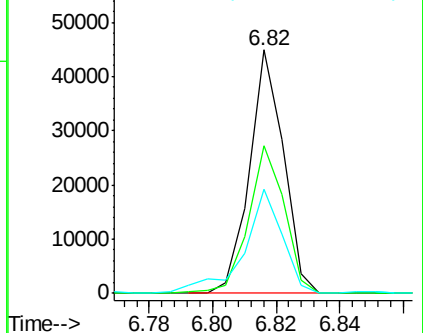
111 42.8 34.2 51.2



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: 2.751 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

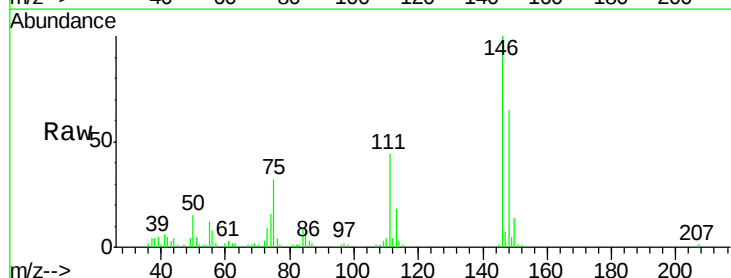
Tgt Ion:146 Resp: 31542

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

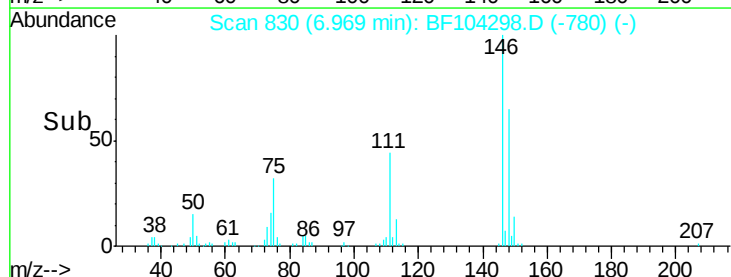
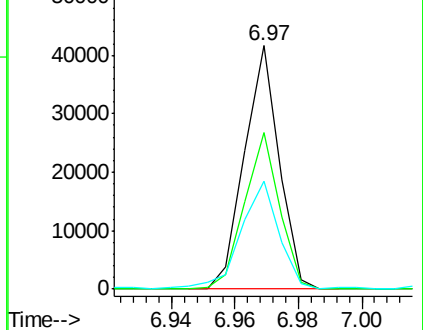
111 44.4 36.0 54.0

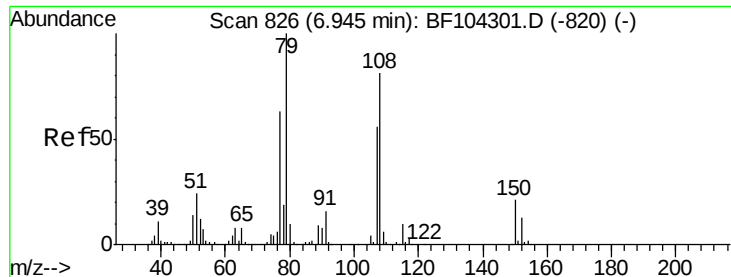


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.455 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

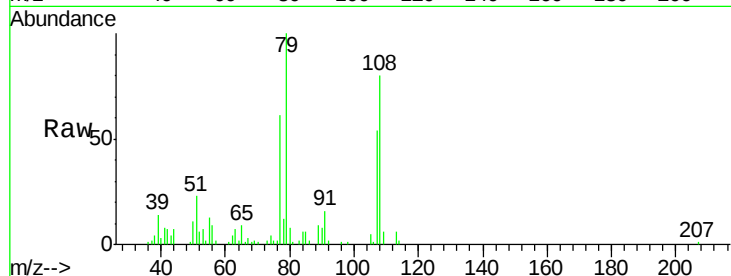
Tot Ion: 79 Resp: 26686

Ion Ratio Lower Upper

79 100

108 79.9 65.1 97.7

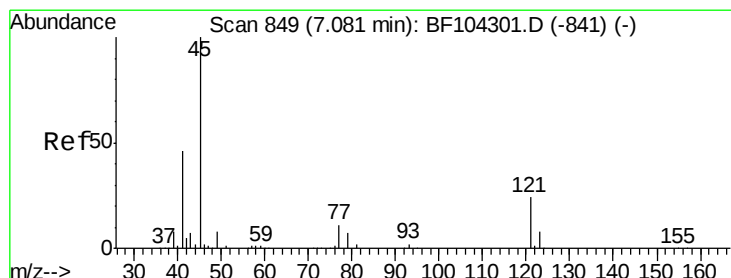
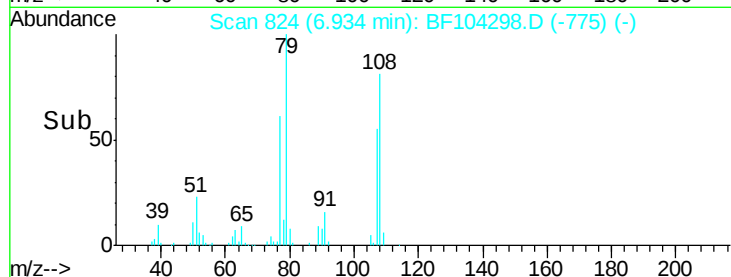
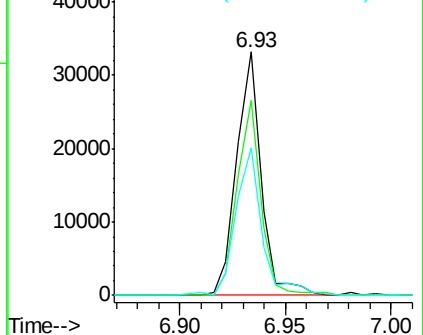
77 60.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.141 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

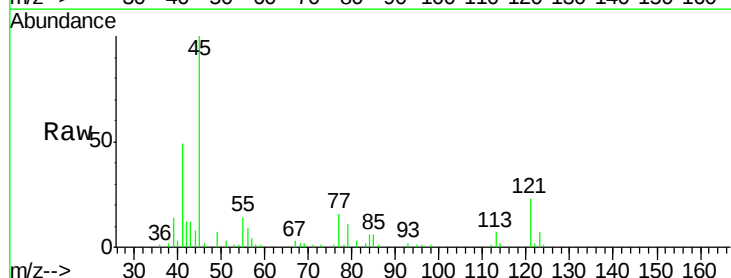
Tgt Ion: 45 Resp: 38811

Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.9

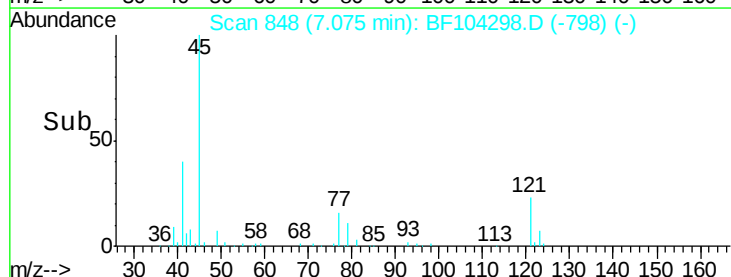
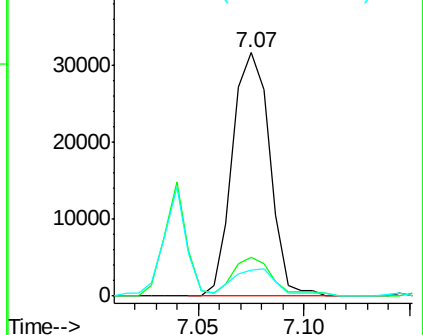
79 10.9 0.0 29.6

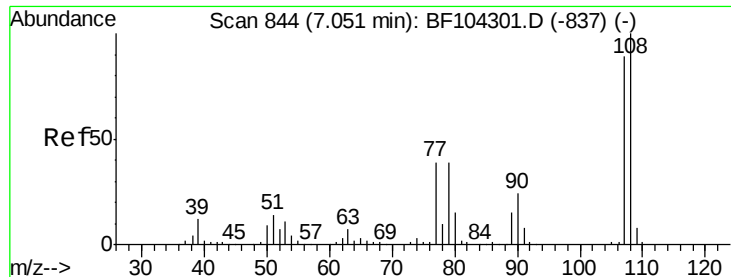


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 2.865 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 24701

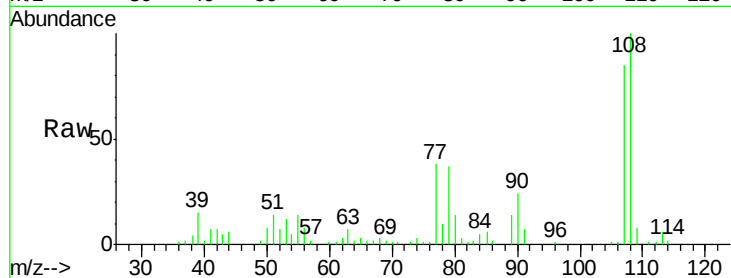
Ion Ratio Lower Upper

107 100

108 117.2 91.7 137.5

77 44.9 33.8 50.8

79 43.1 33.8 50.8

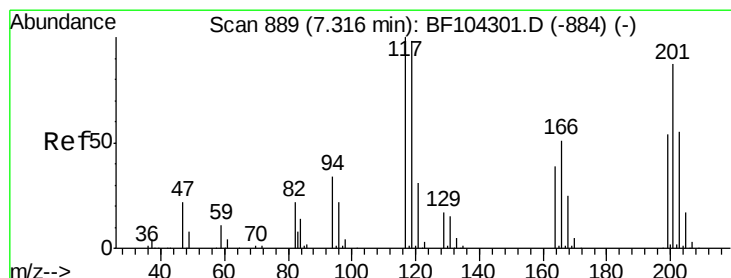
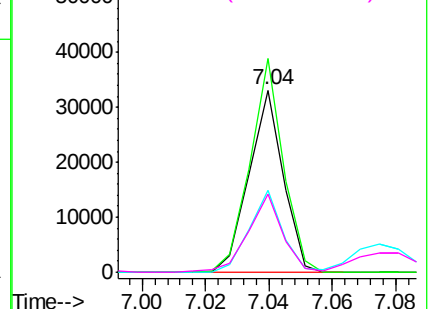
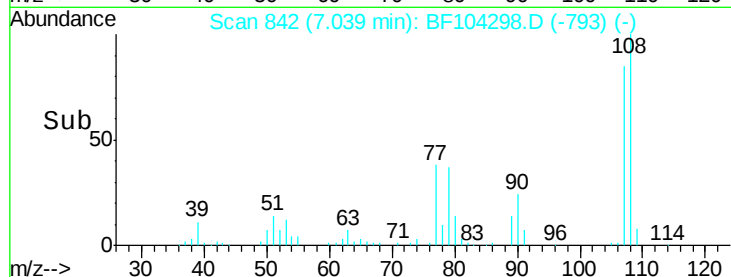


Abundance Ion 107.00 (106.70 to 107.70): E

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: 2.716 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

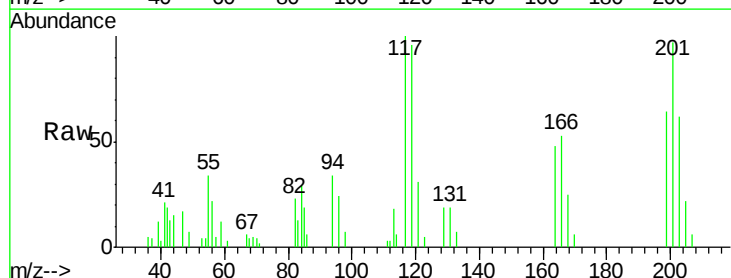
Tgt Ion:117 Resp: 11601

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

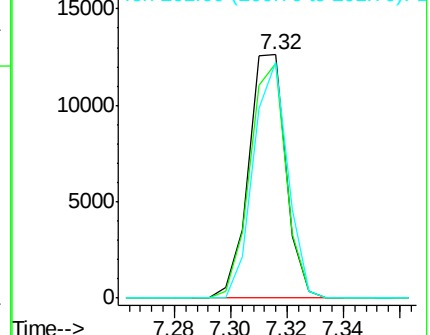
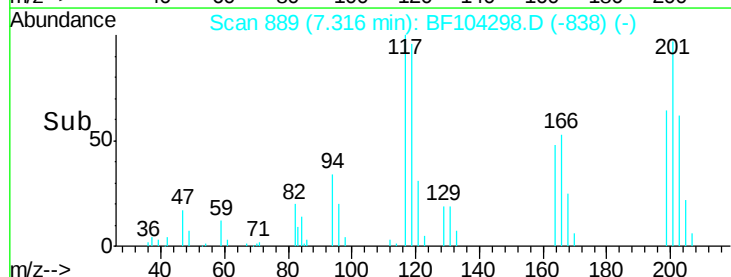
201 97.0 75.7 113.5

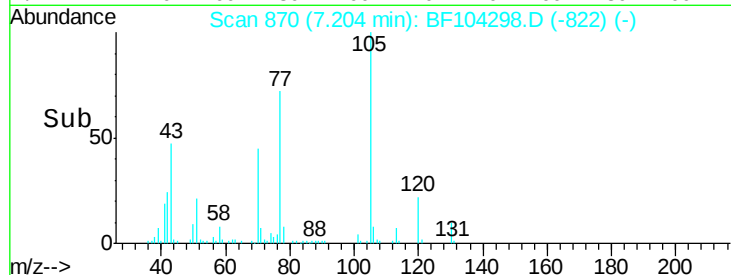
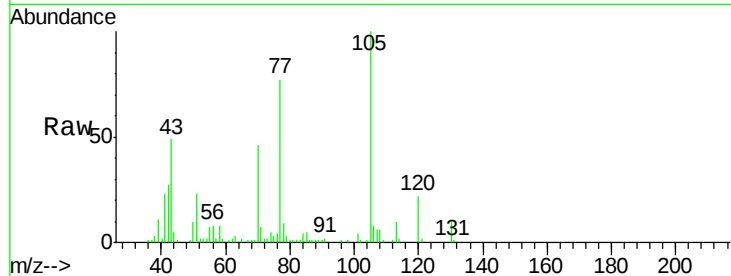
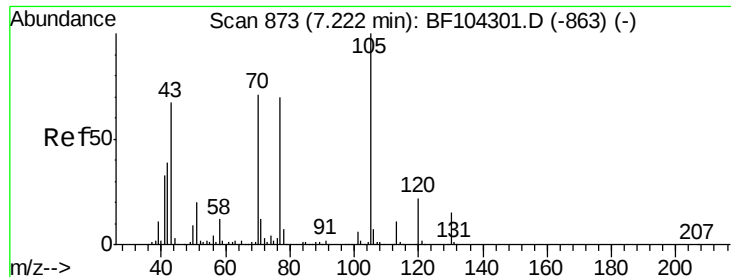


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

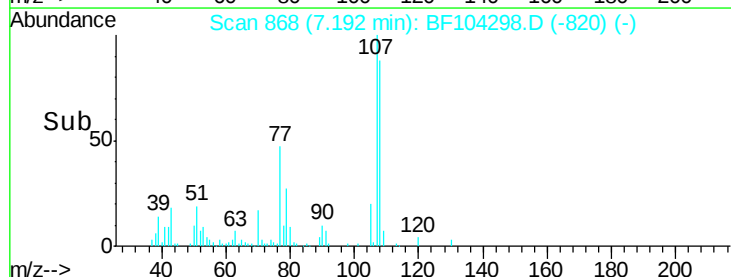
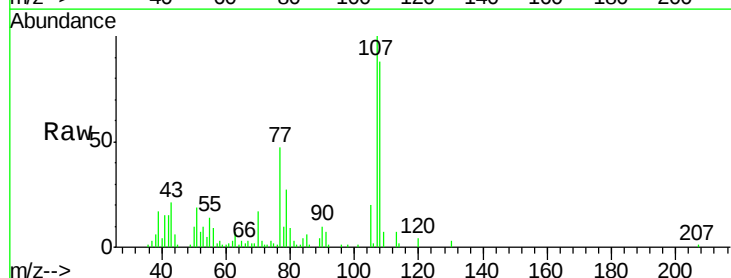
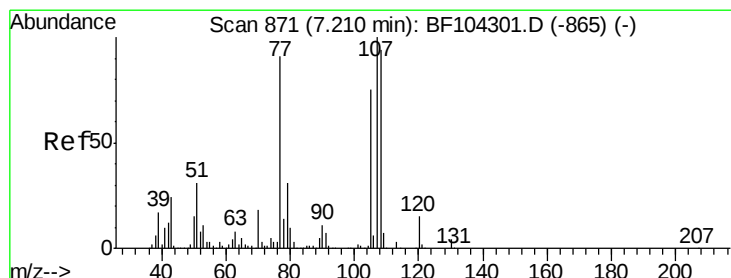
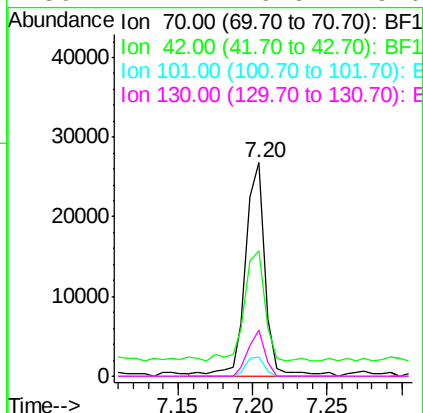




#19
n-Nitroso-di-n-propylamine
Concen: 3.508 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

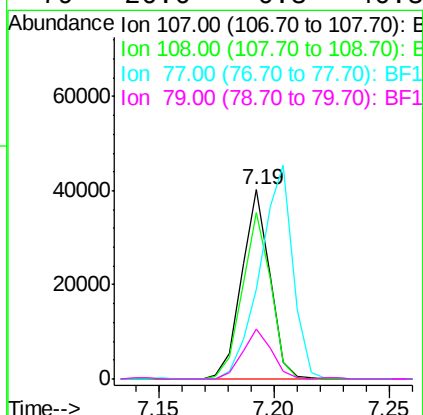
Instrument :
BNA_F
ClientSampleId :

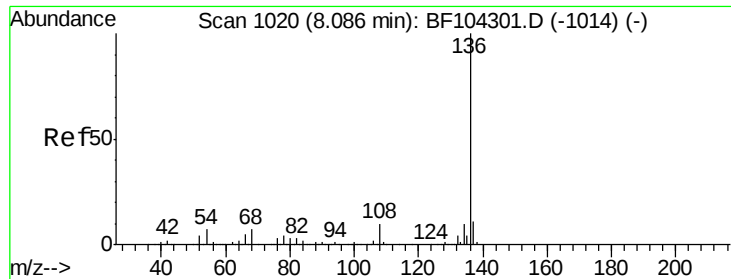
Tot Ion: 70 Resp: 24732
Ion Ratio Lower Upper
70 100
42 58.7 47.5 71.3
101 9.0 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 3.115 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion: 107 Resp: 34266
Ion Ratio Lower Upper
107 100
108 88.1 68.2 108.2
77 47.4 26.7 66.7
79 26.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 628107

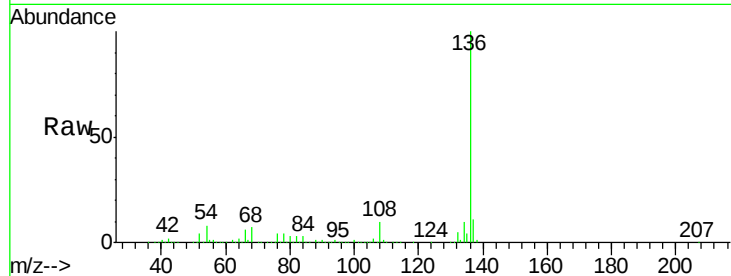
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.1 6.6 9.8

68 6.8 5.0 7.4

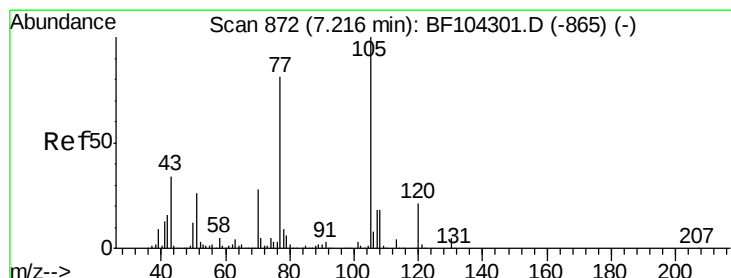
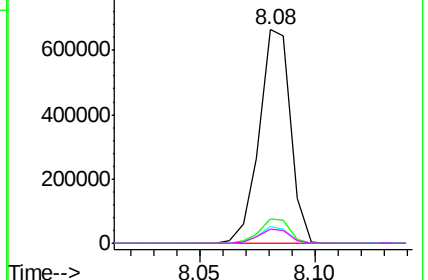
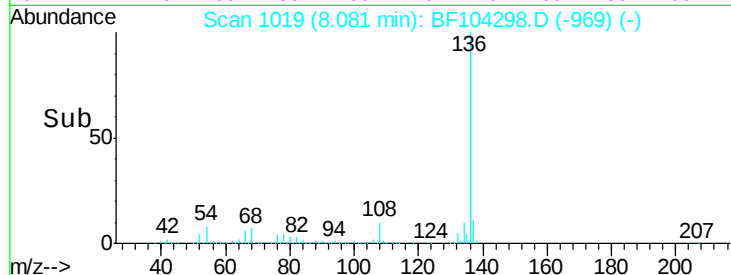


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.027 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Tgt Ion:105 Resp: 46001

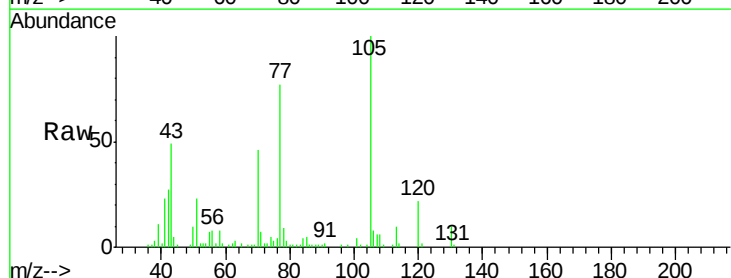
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 23.1 22.3 33.5

120 22.1 16.9 25.3

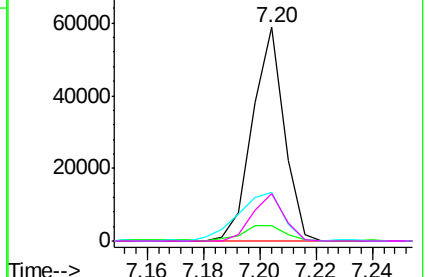
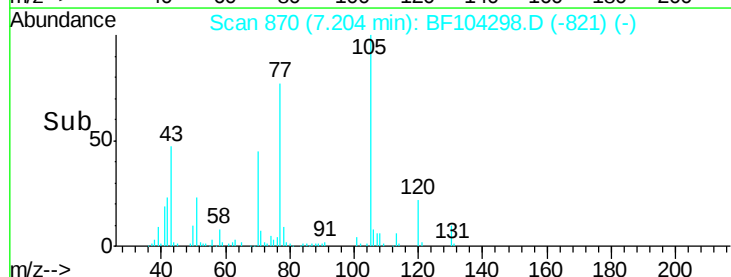


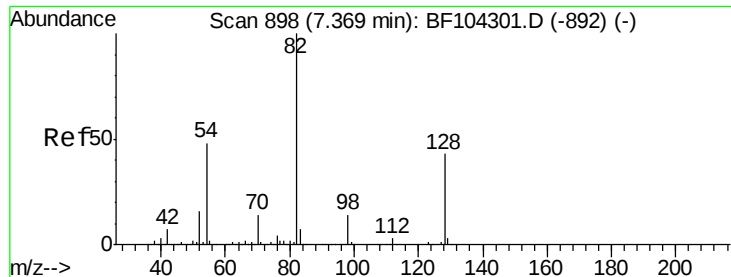
Abundance Ion 105.00 (104.70 to 105.70): E

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

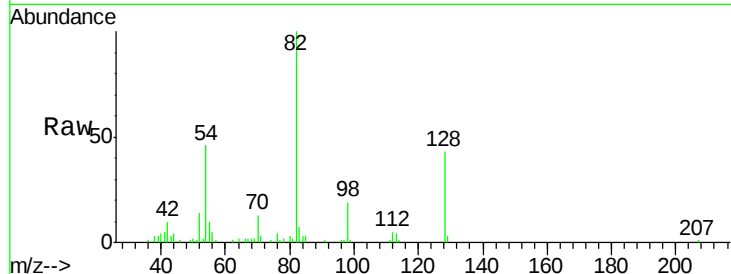




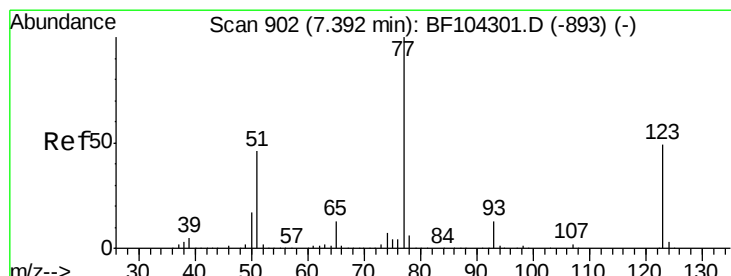
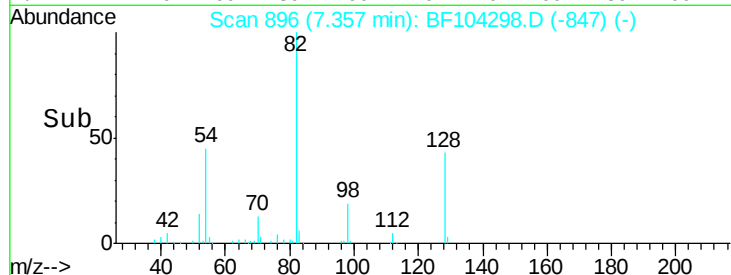
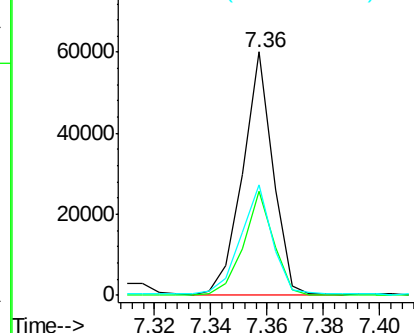
#23
Nitrobenzene-d5
Concen: 4.395 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 45138
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 45.6 41.4 62.2

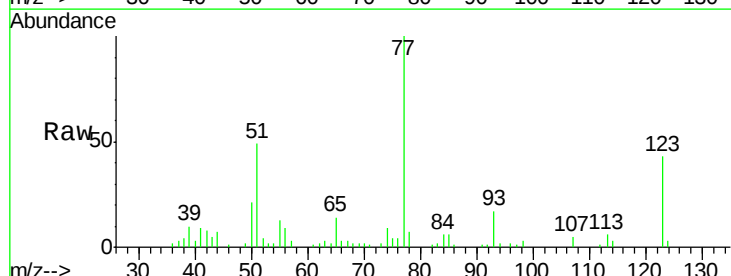


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

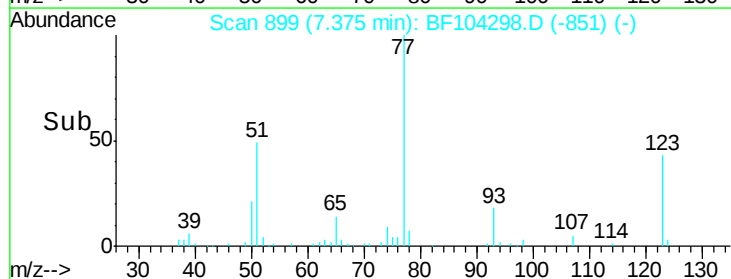
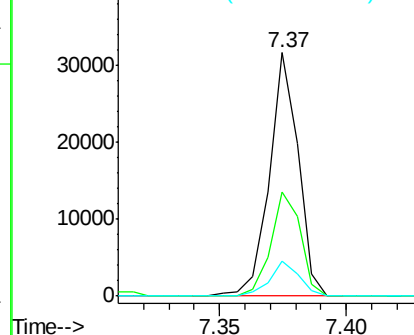


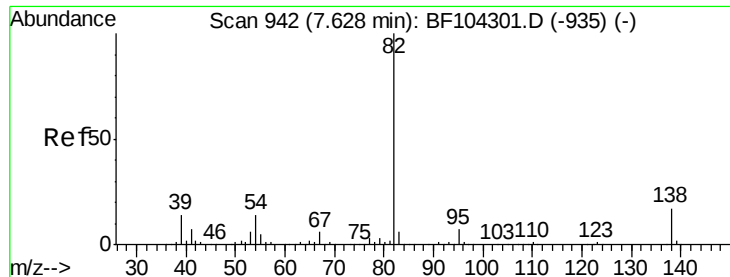
#24
Nitrobenzene
Concen: 2.325 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion: 77 Resp: 25120
Ion Ratio Lower Upper
77 100
123 42.7 37.9 56.9
65 14.2 11.0 16.4



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





#25

Isophorone

Concen: 2.969 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

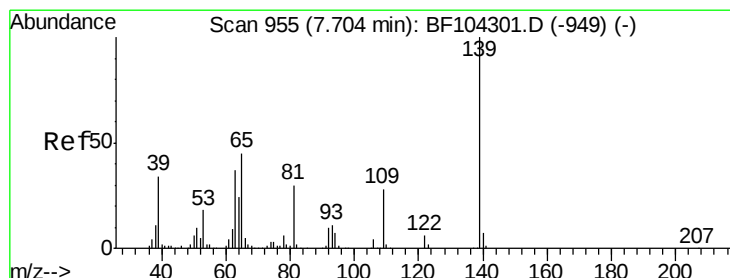
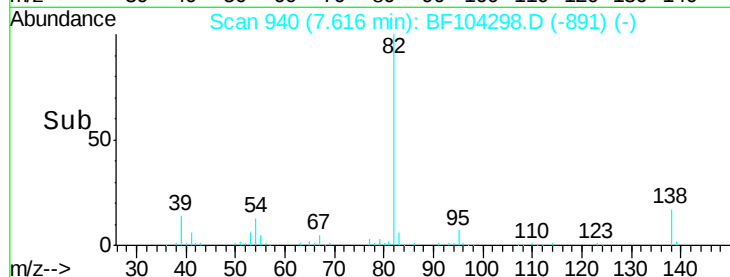
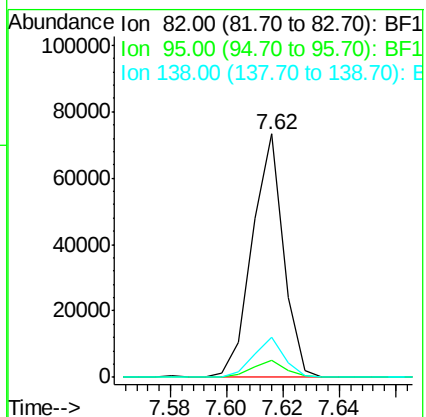
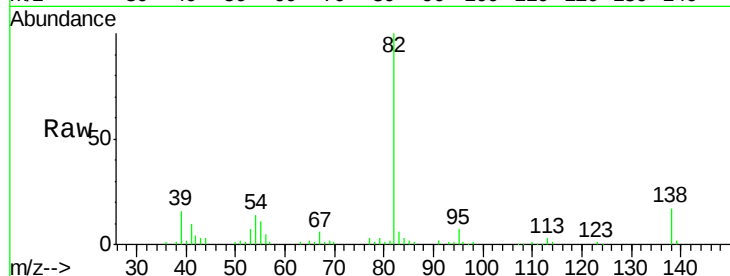
Tot Ion: 82 Resp: 56200

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 16.5 14.9 22.3



#26

2-Nitrophenol

Concen: 1.464 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

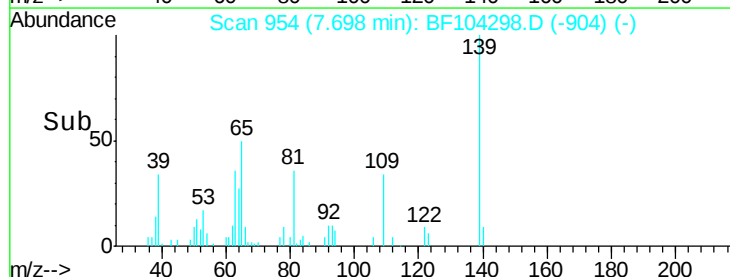
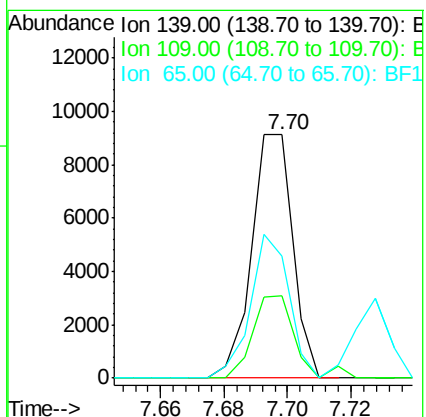
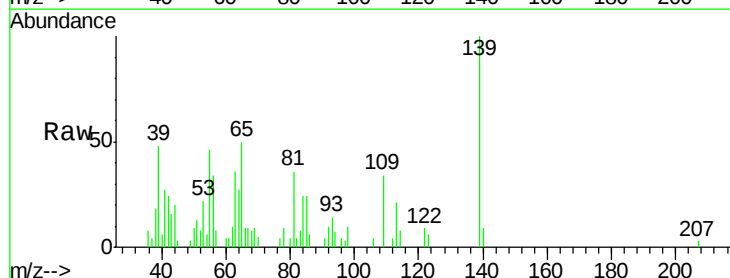
Tgt Ion: 139 Resp: 8260

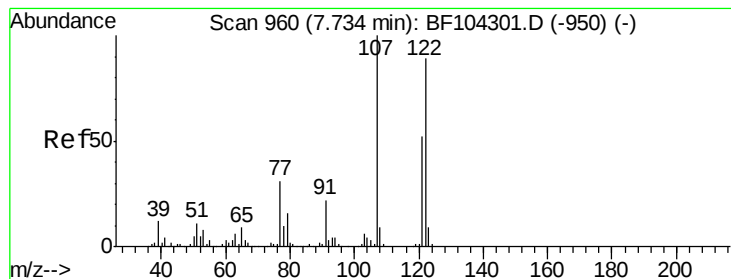
Ion Ratio Lower Upper

139 100

109 33.9 22.7 34.1

65 50.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 3.129 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampled :

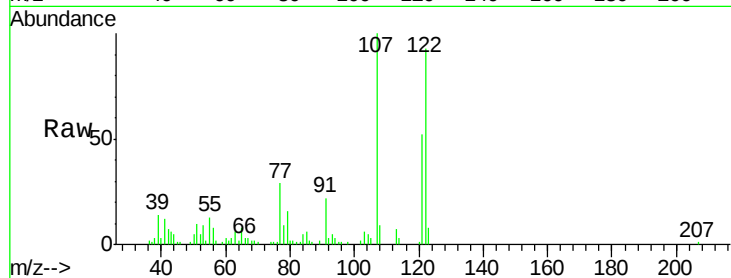
Tot Ion:122 Resp: 25459

Ion Ratio Lower Upper

122 100

107 107.6 91.2 136.8

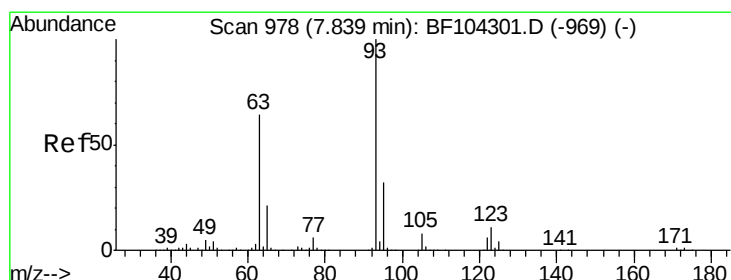
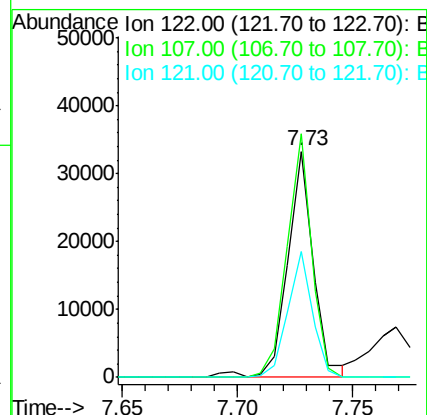
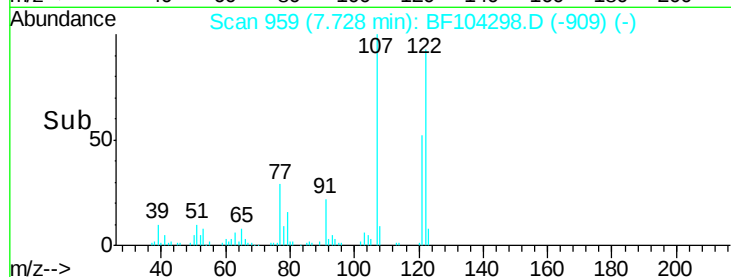
121 55.7 47.2 70.8



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: 2.935 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

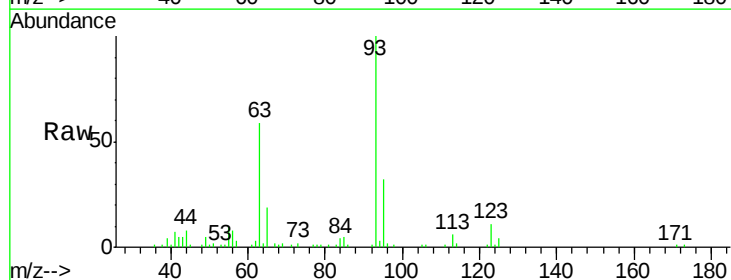
Tgt Ion: 93 Resp: 34817

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

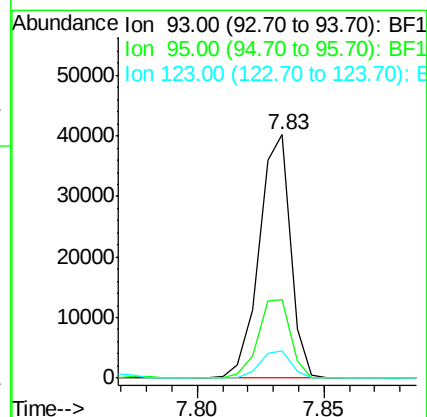
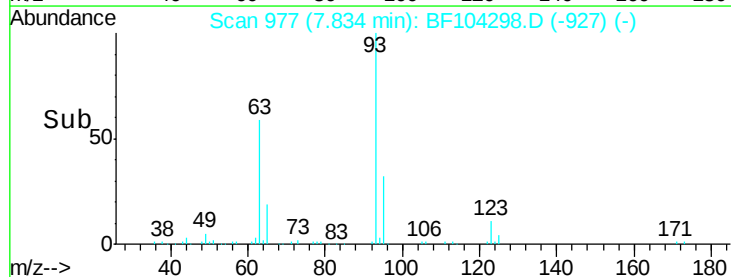
123 11.5 9.8 14.6

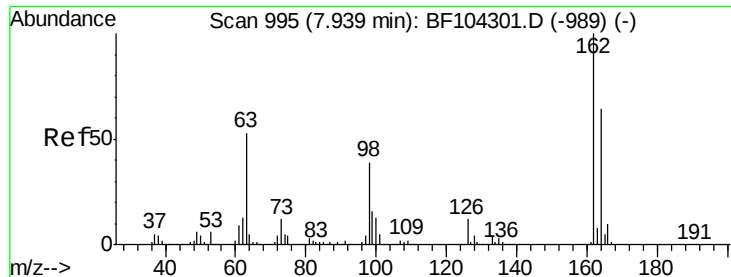


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 2.700 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

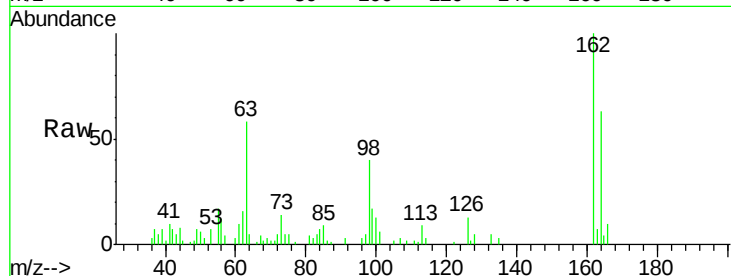
Tot Ion:162 Resp: 22940

Ion Ratio Lower Upper

162 100

164 63.1 42.7 82.7

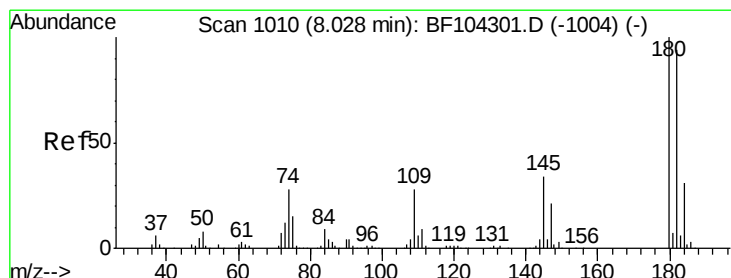
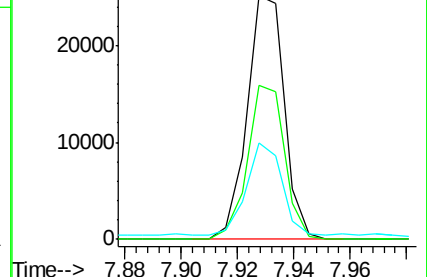
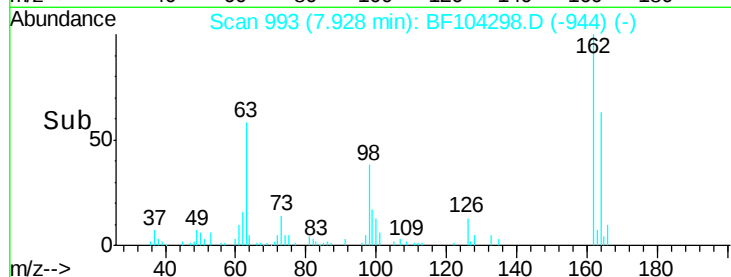
98 39.7 18.1 58.1



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: 2.784 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

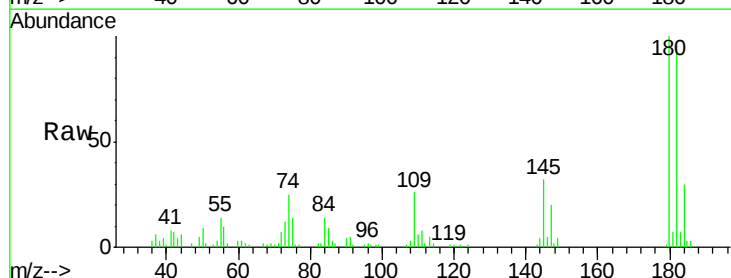
Tgt Ion:180 Resp: 26845

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

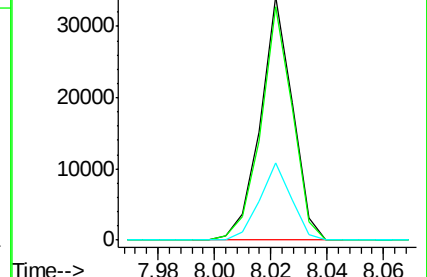
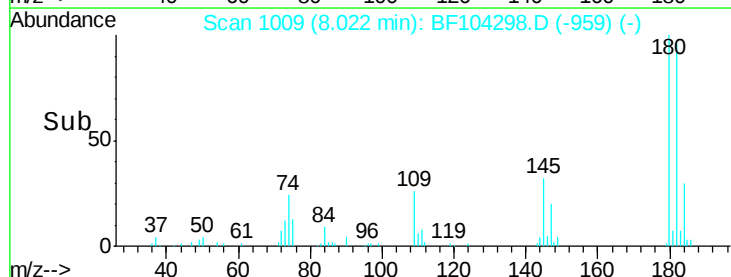
145 31.7 26.5 39.7

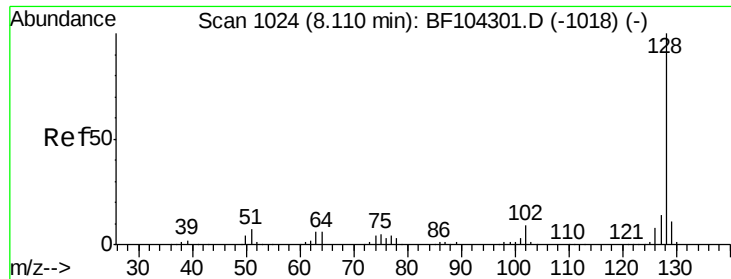


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

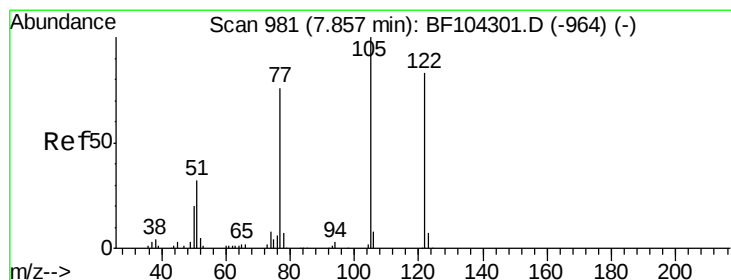
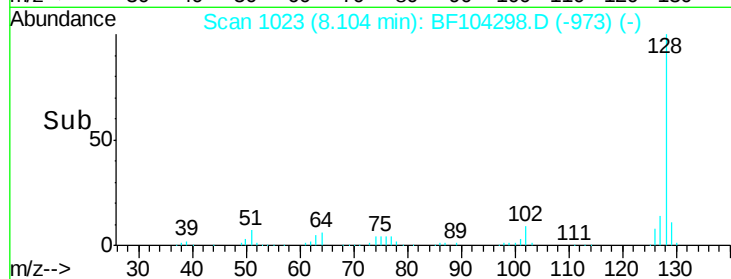
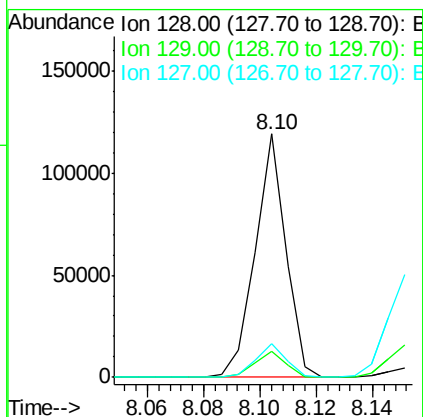
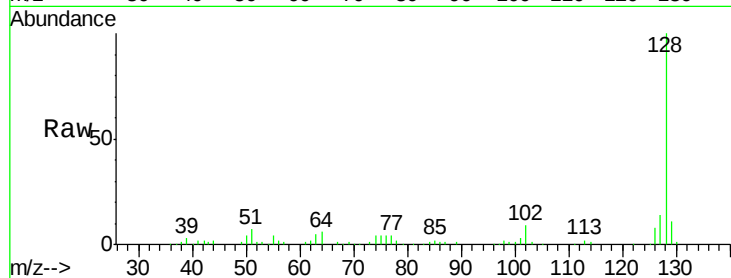




#31
Naphthalene
Concen: 2.930 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

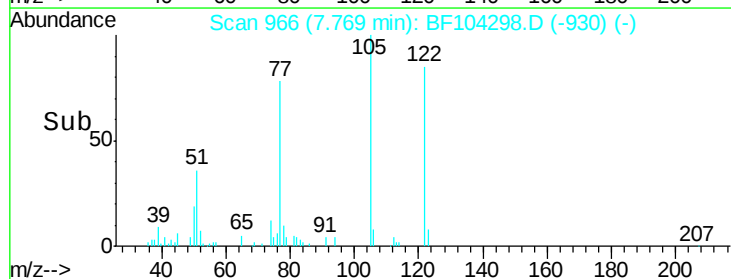
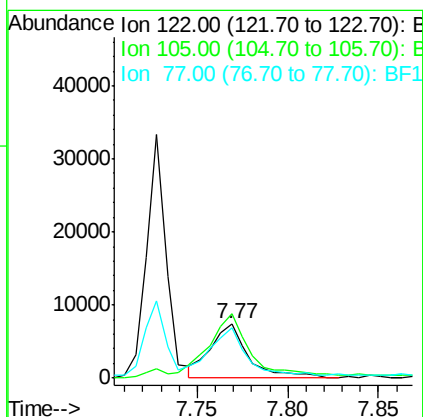
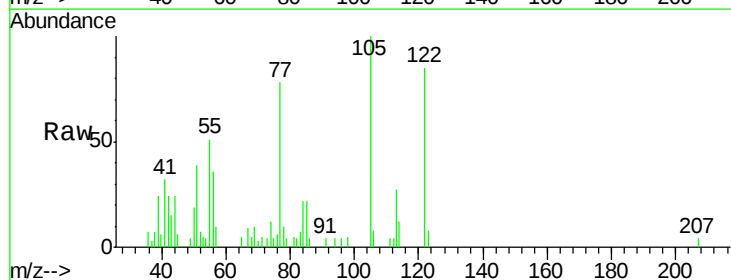
Instrument :
BNA_F
ClientSampleId :

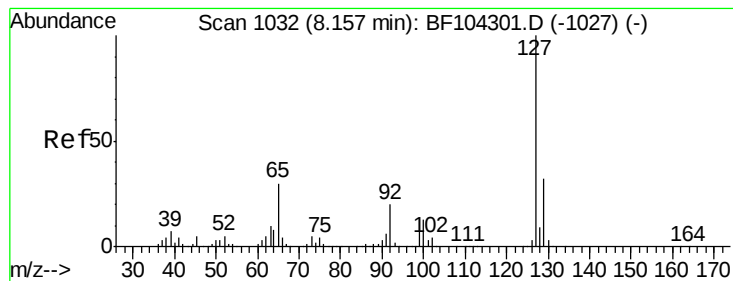
Tot Ion:128 Resp: 89910
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 1.825 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.09 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion:122 Resp: 10879
Ion Ratio Lower Upper
122 100
105 118.2 101.1 141.1
77 92.1 70.7 110.7





#33

4-Chloroaniline

Concen: 2.951 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF104298.D

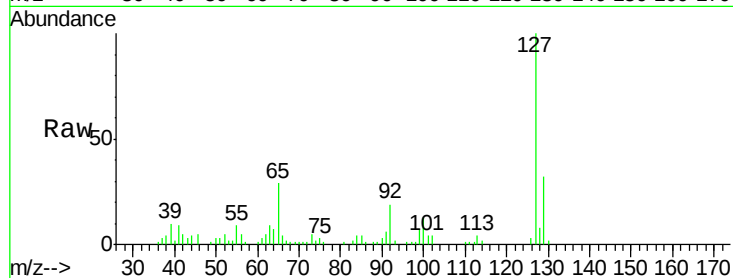
Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	38182
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.0	25.0	37.4
92	18.5	15.2	22.8

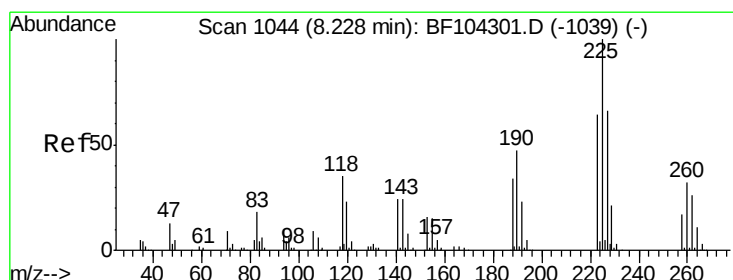
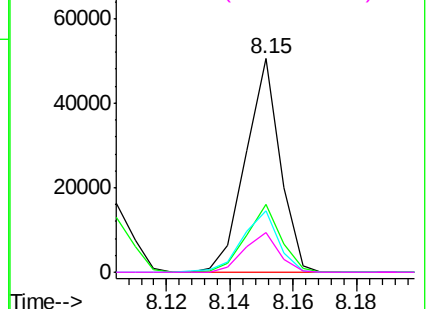
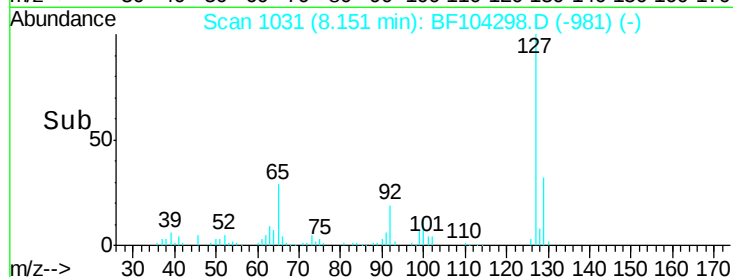


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 2.765 ng

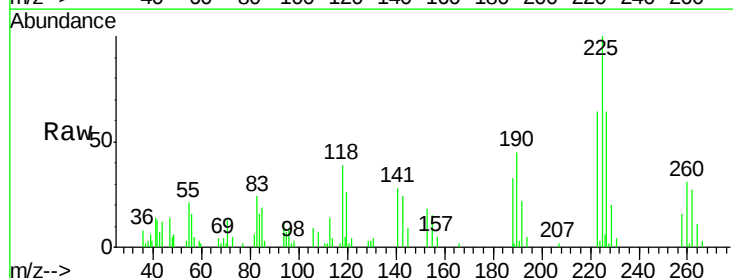
RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

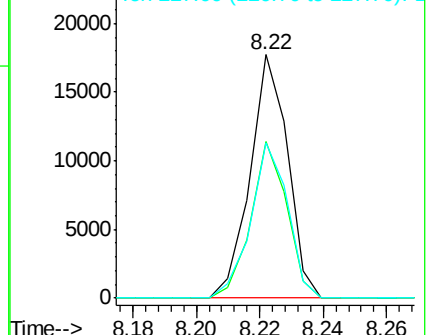
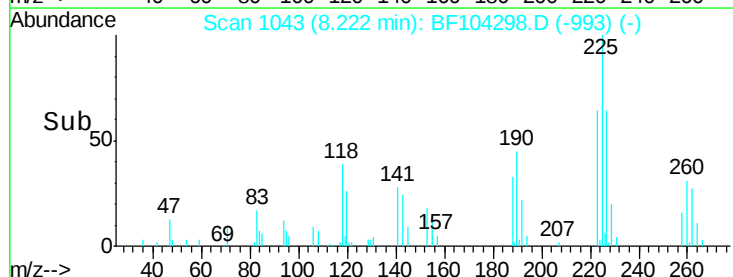
Tgt Ion:	225	Resp:	14504
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	66.2	51.9	77.9

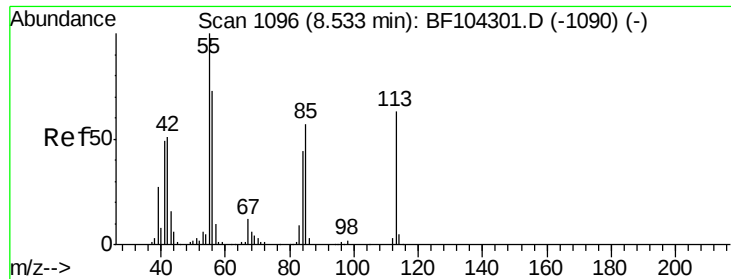


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

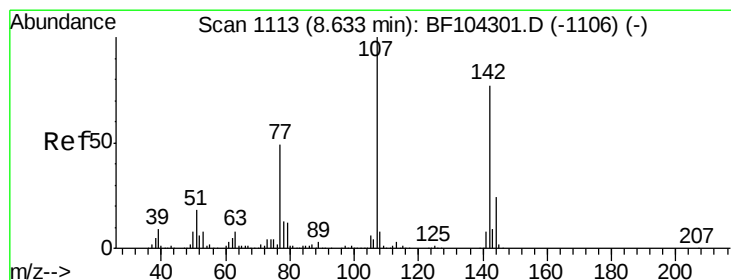
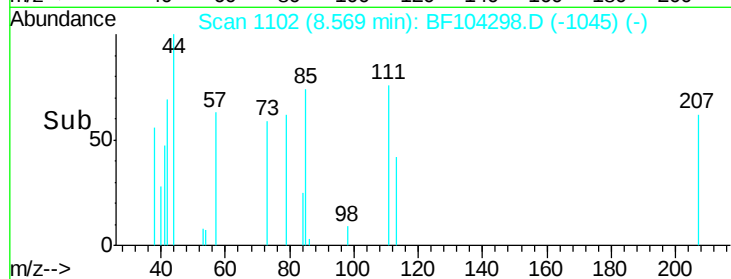
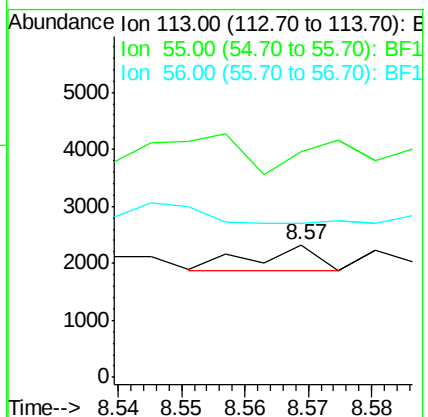
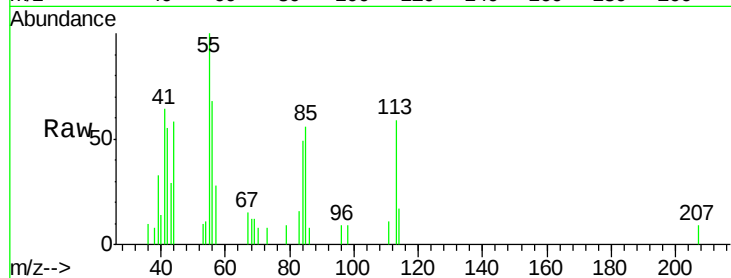




#35
 Caprolactam
 Concen: 0.115 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.04 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

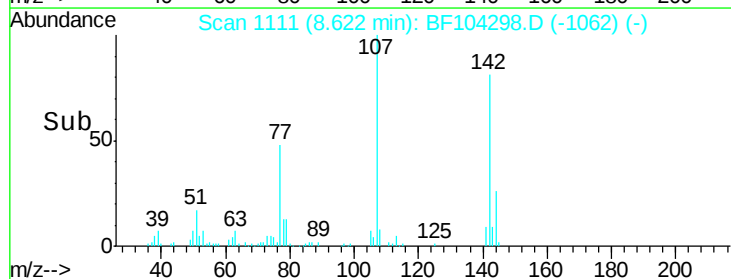
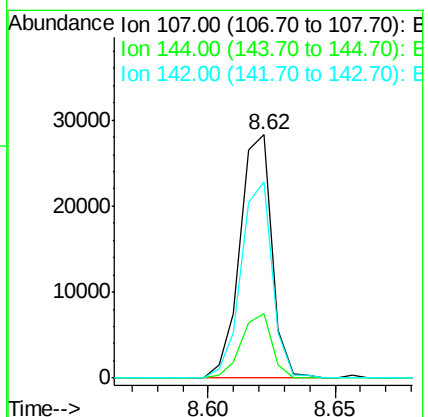
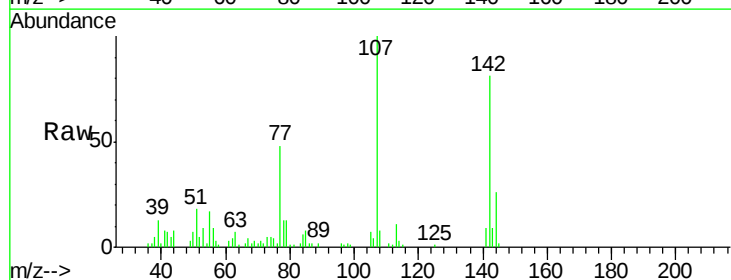
Instrument :
 BNA_F
 ClientSampled :

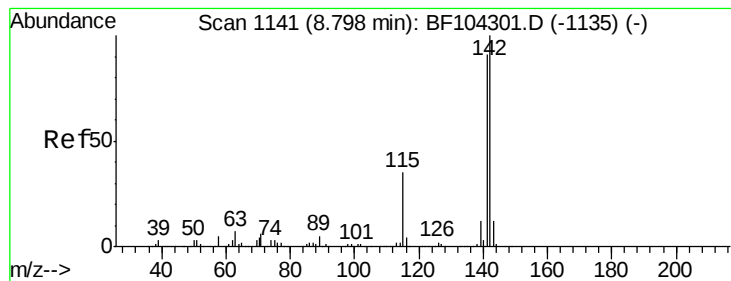
Tot Ion:113 Resp: 310
 Ion Ratio Lower Upper
 113 100
 55 170.9 163.3 203.3
 56 116.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 2.758 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:107 Resp: 24792
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 80.6 62.0 93.0

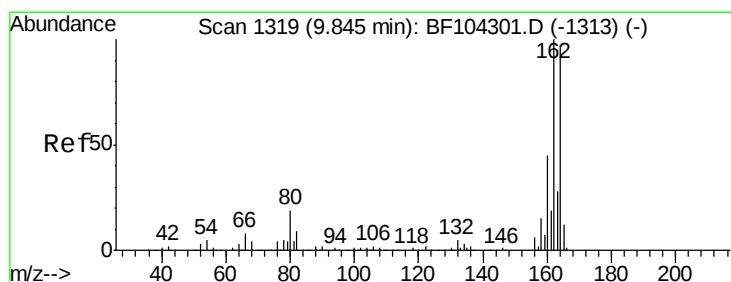
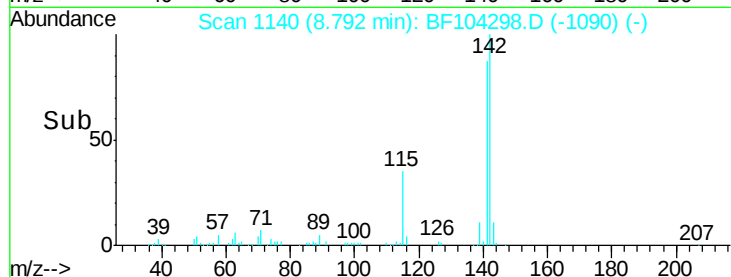
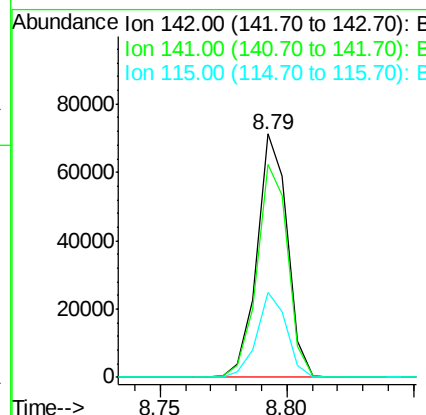
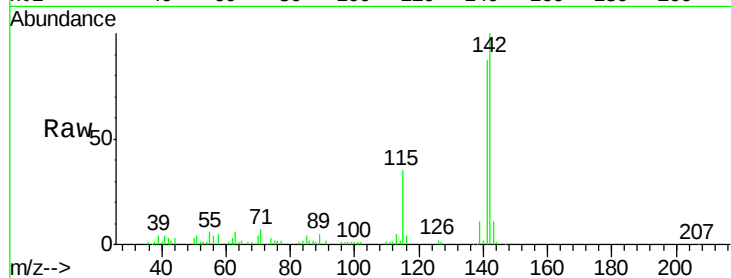




#37
 2-Methylnaphthalene
 Concen: 2.935 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

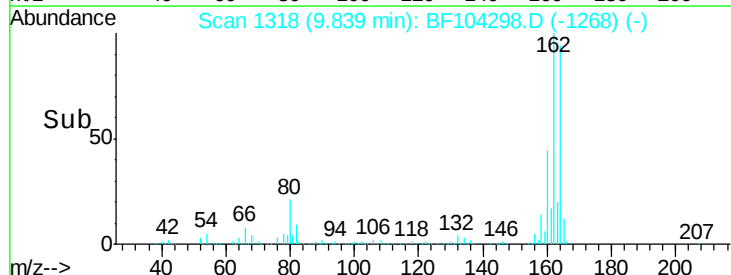
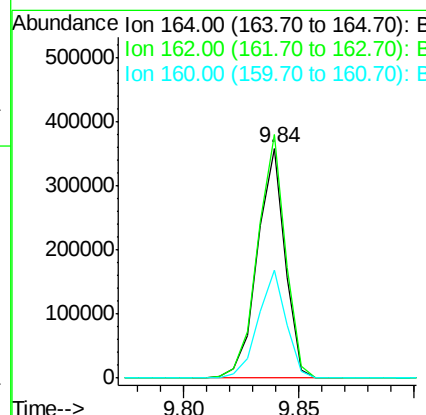
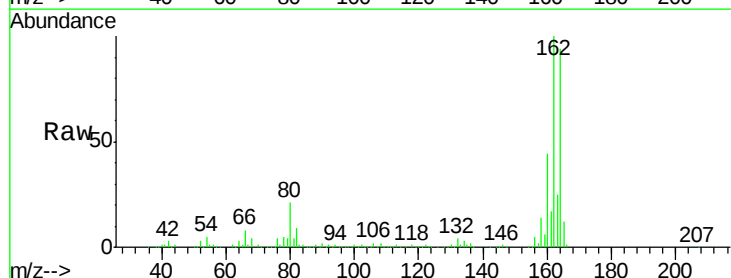
Instrument :
 BNA_F
 ClientSampled :

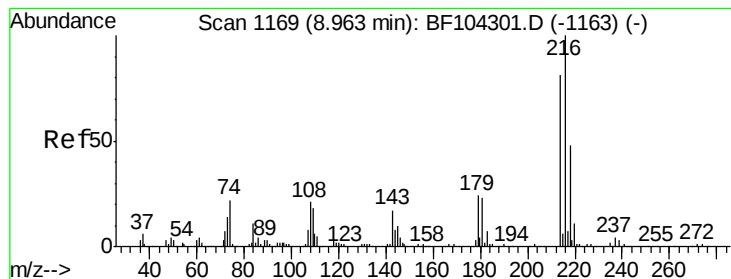
Tot Ion:142 Resp: 59323
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.8 106.2
 115 34.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:164 Resp: 300064
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 47.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.714 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 24972

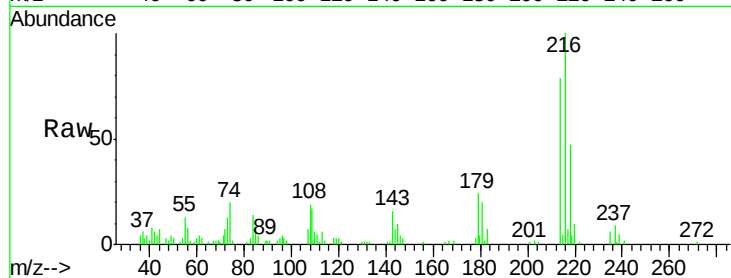
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 23.7 18.1 27.1

108 21.9 17.2 25.8

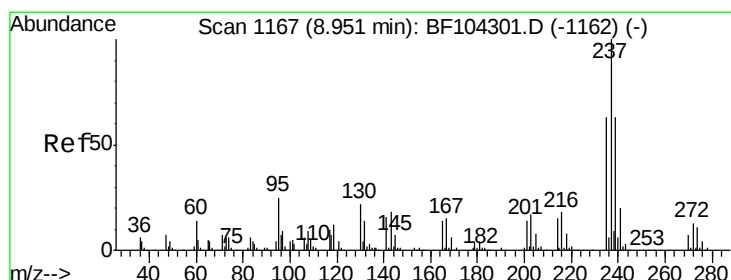
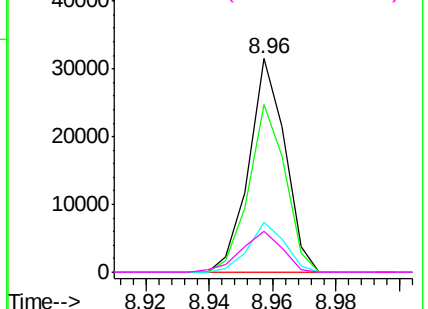
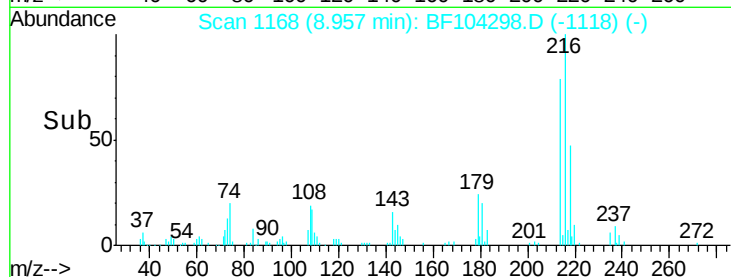


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 3.154 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

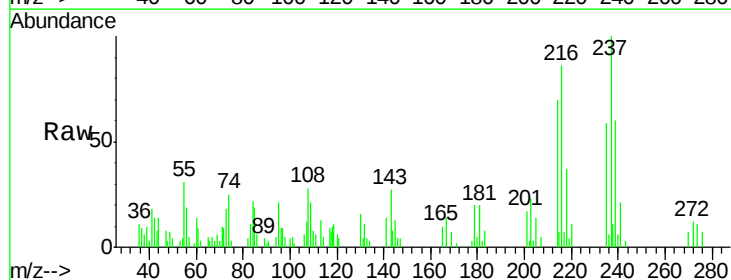
Tgt Ion:237 Resp: 11955

Ion Ratio Lower Upper

237 100

235 59.2 44.8 84.8

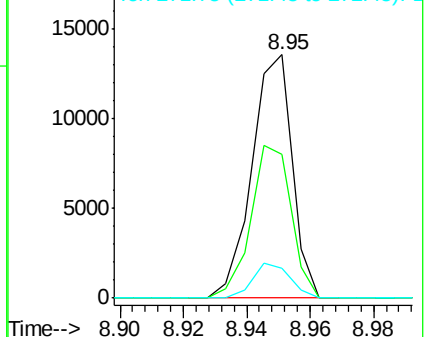
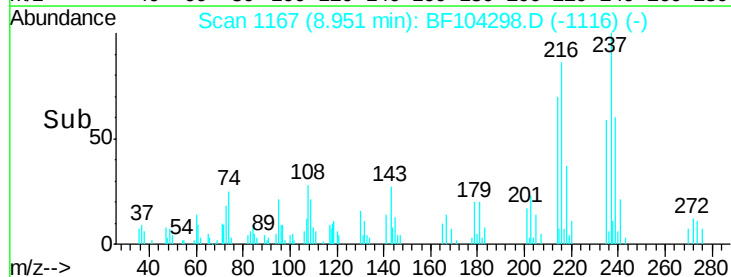
272 12.1 0.0 33.3



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

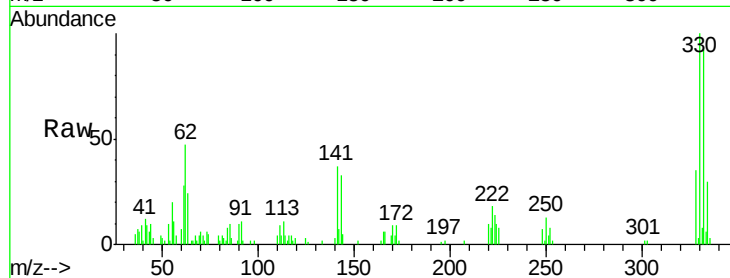




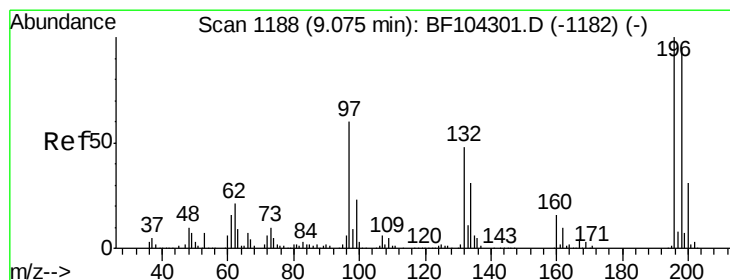
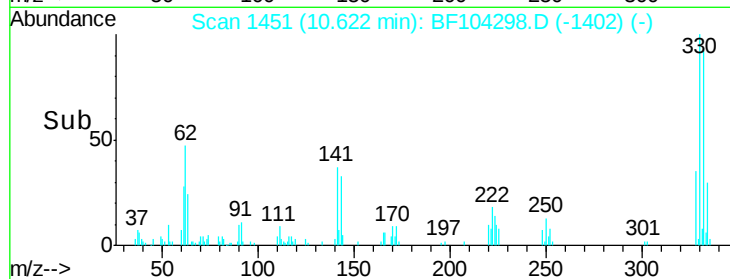
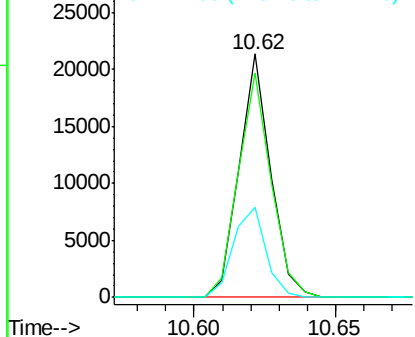
#41
 2,4,6-Tribromophenol
 Concen: 4.956 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 16560
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 38.2 29.9 44.9

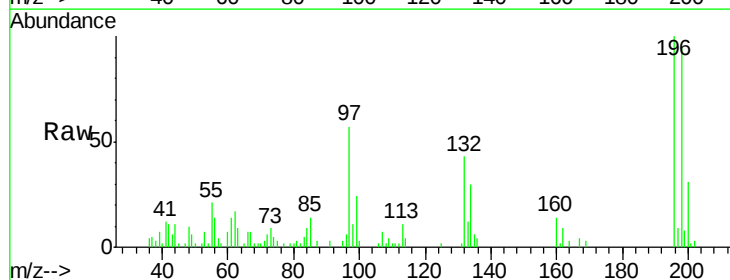


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

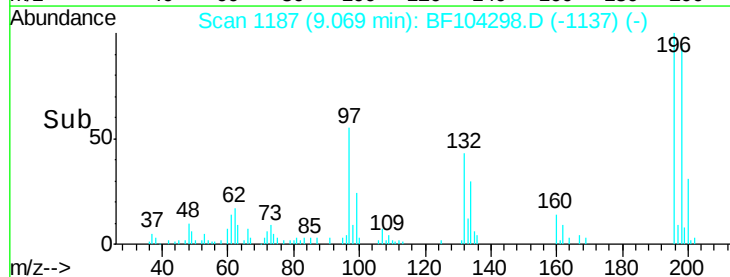
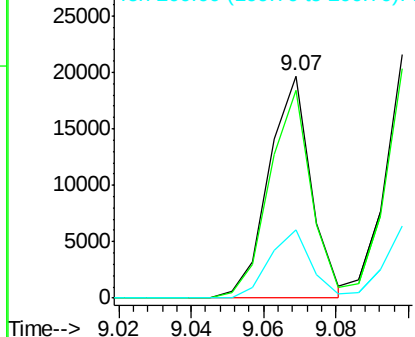


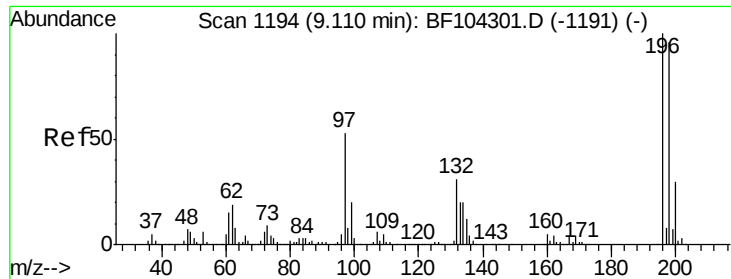
#42
 2,4,6-Trichlorophenol
 Concen: 2.736 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:196 Resp: 15939
 Ion Ratio Lower Upper
 196 100
 198 93.8 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

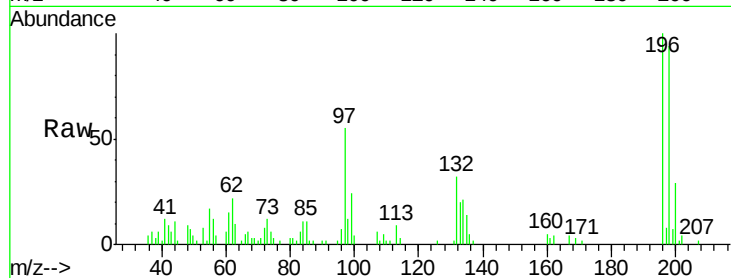




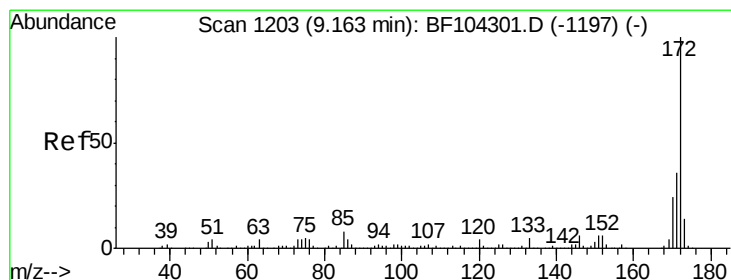
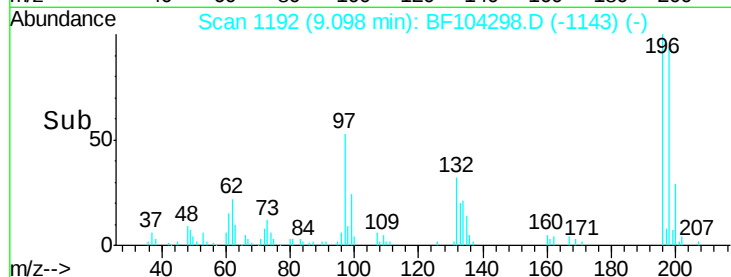
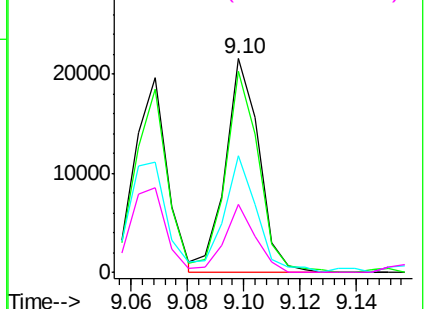
#43
 2,4,5-Trichlorophenol
 Concen: 2.528 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 17782
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 54.6 42.9 64.3
 132 31.8 26.3 39.5

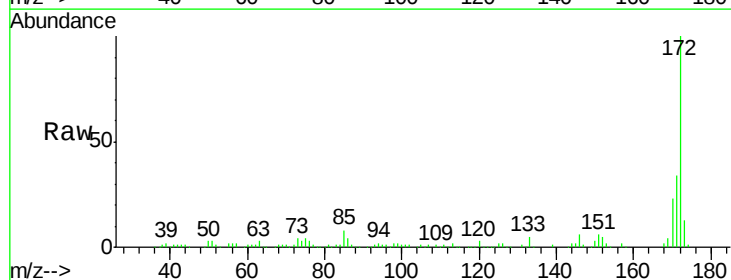


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

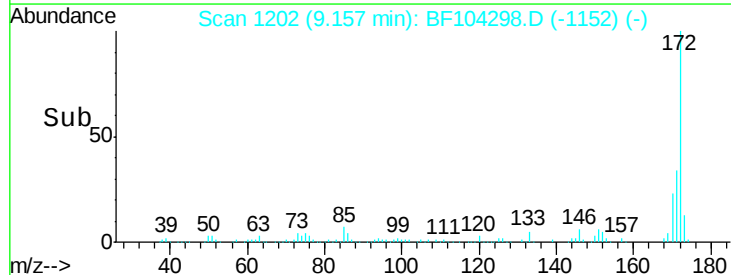
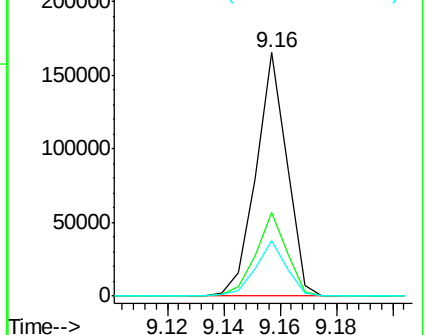


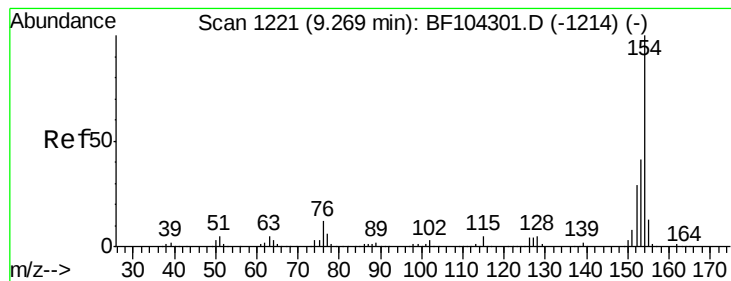
#44
 2-Fluorobiphenyl
 Concen: 6.601 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:172 Resp: 125615
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 23.0 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: 2.942 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

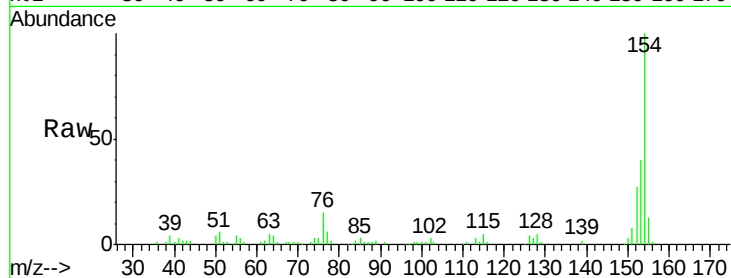
Tot Ion:154 Resp: 75767

Ion Ratio Lower Upper

154 100

153 40.1 21.3 61.3

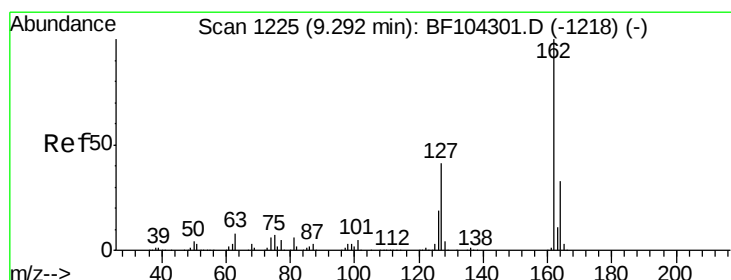
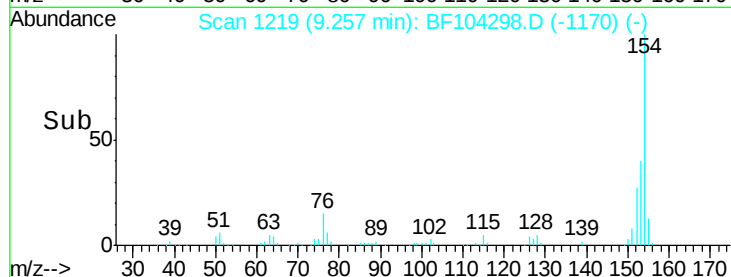
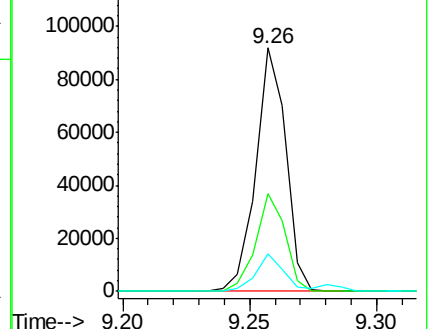
76 15.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 2.870 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

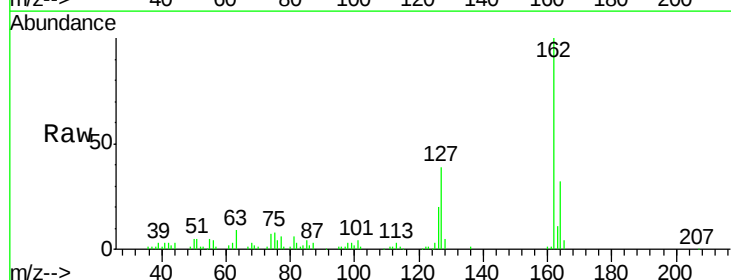
Tgt Ion:162 Resp: 58301

Ion Ratio Lower Upper

162 100

127 38.8 33.9 50.9

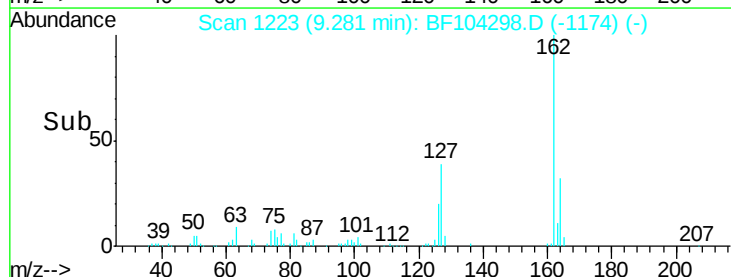
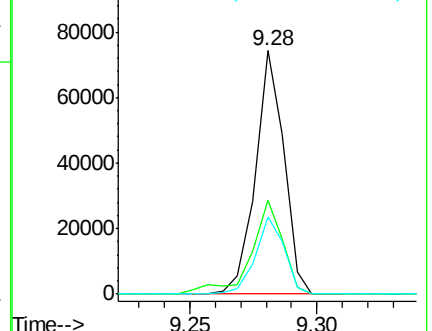
164 31.8 26.5 39.7

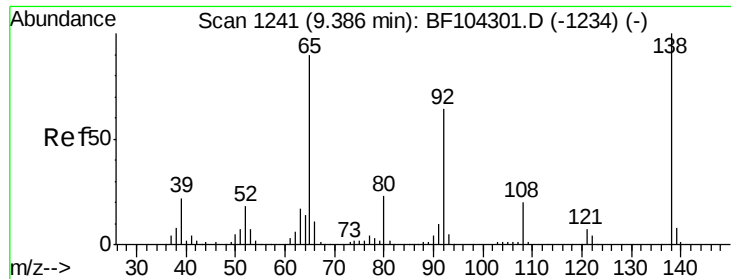


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

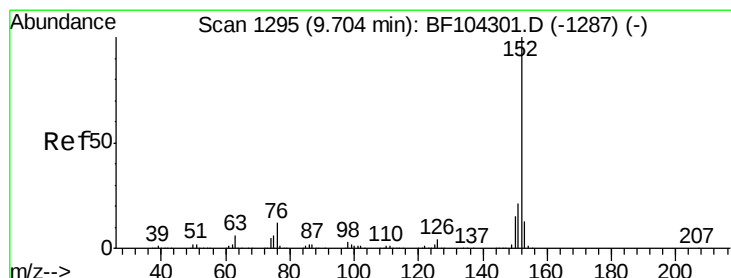
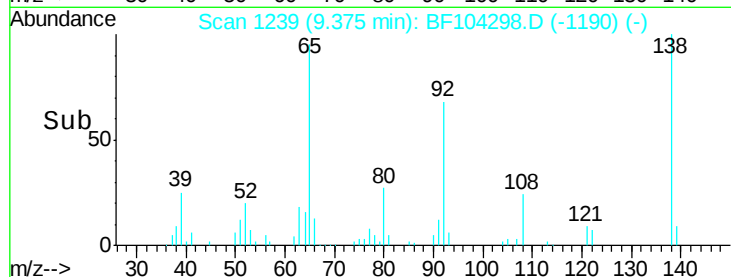
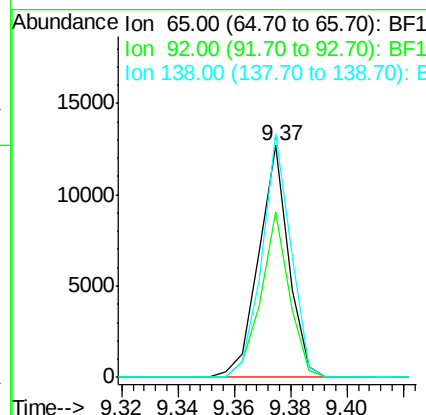
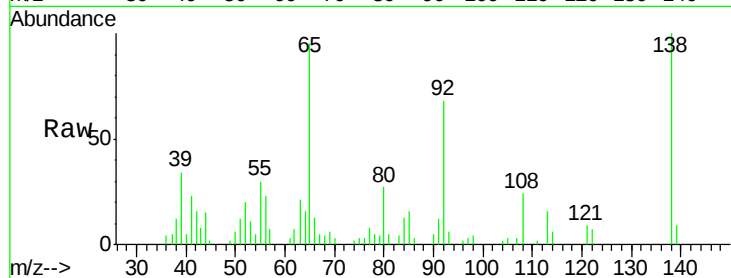




#47
 2-Nitroaniline
 Concen: 1.614 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

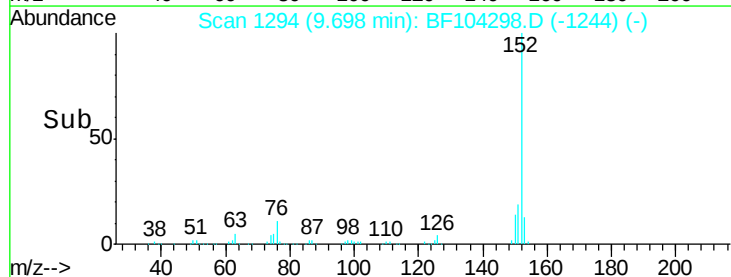
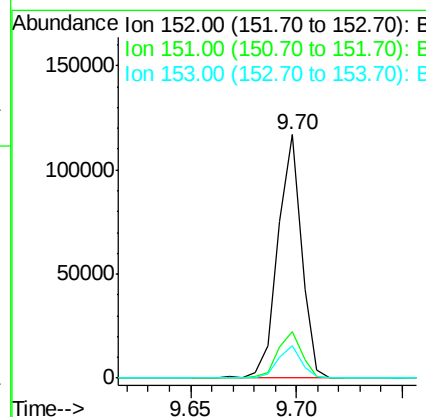
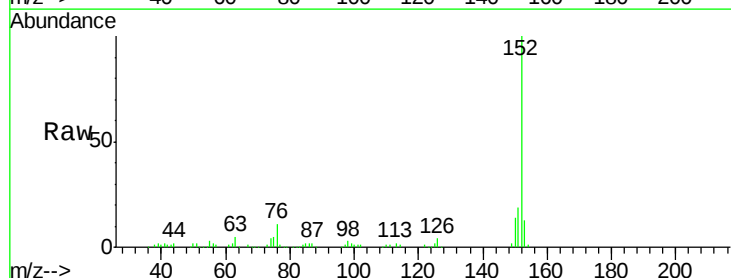
Instrument :
 BNA_F
 ClientSampleId :

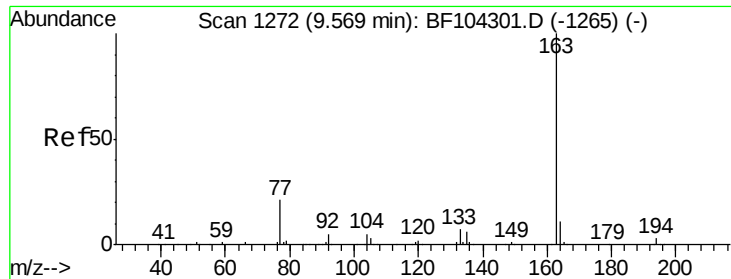
Tot Ion: 65 Resp: 9347
 Ion Ratio Lower Upper
 65 100
 92 71.3 55.8 83.6
 138 105.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 2.961 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion: 152 Resp: 91131
 Ion Ratio Lower Upper
 152 100
 151 19.1 16.3 24.5
 153 13.1 10.7 16.1

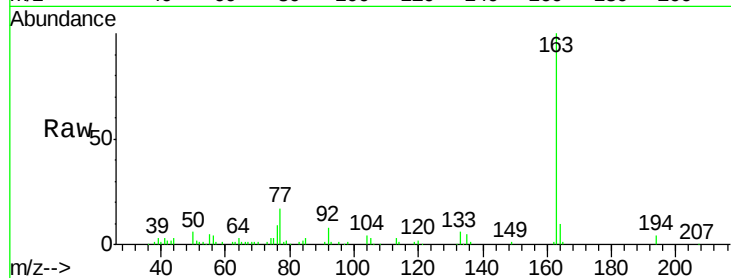




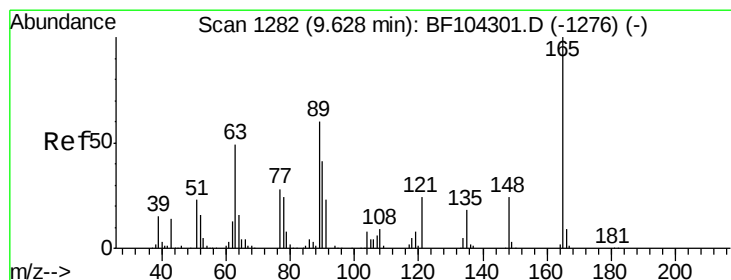
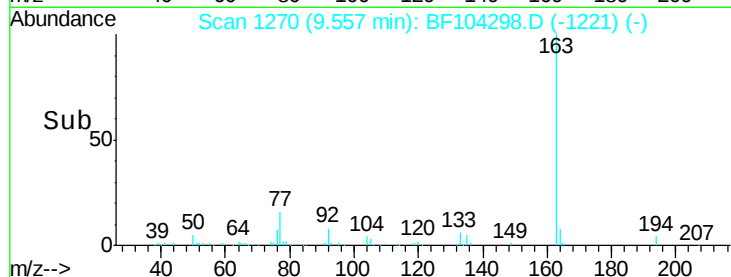
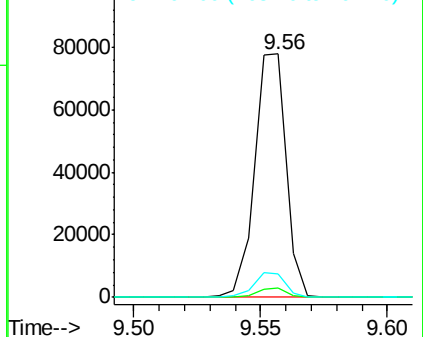
#49
Dimethylphthalate
Concen: 2.862 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 67803
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2

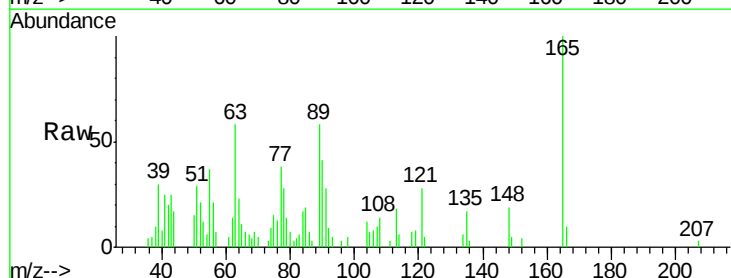


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

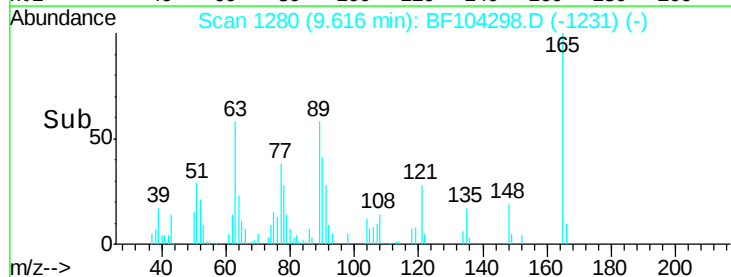
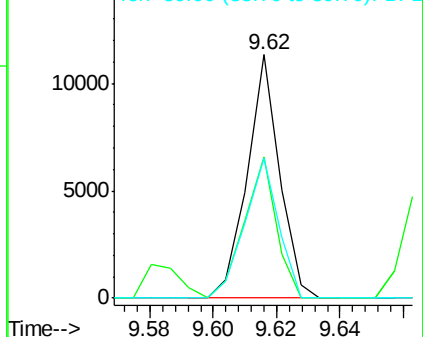


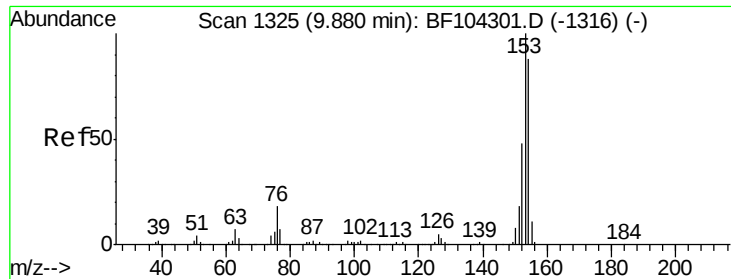
#50
2,6-Dinitrotoluene
Concen: 1.581 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion:165 Resp: 8058
Ion Ratio Lower Upper
165 100
63 58.3 44.7 67.1
89 57.6 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: 3.132 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

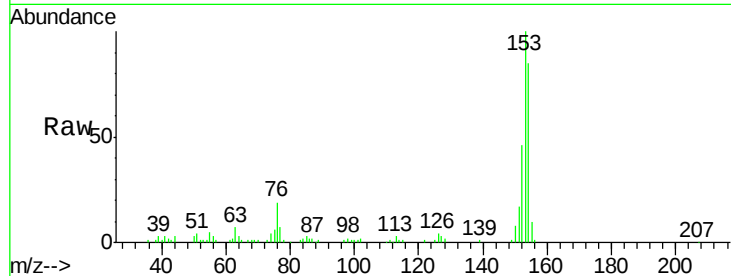
Tot Ion:154 Resp: 55770

Ion Ratio Lower Upper

154 100

153 117.2 91.2 136.8

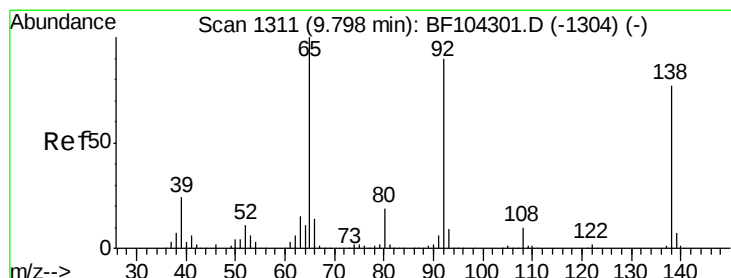
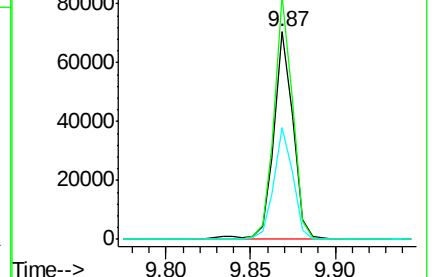
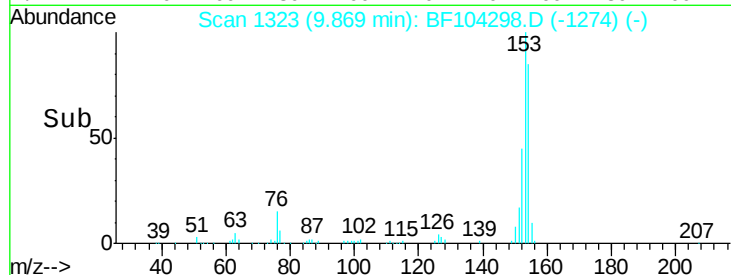
152 53.7 43.8 65.8



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: 1.638 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

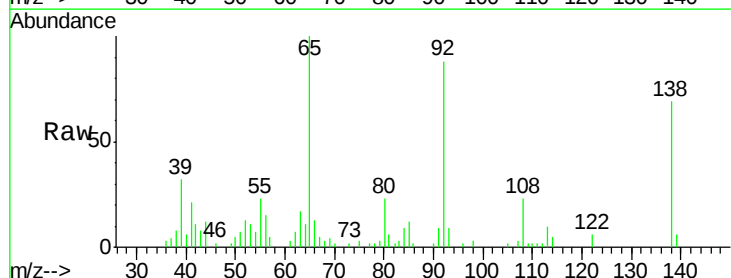
Tgt Ion:138 Resp: 9598

Ion Ratio Lower Upper

138 100

108 33.4 9.4 14.0#

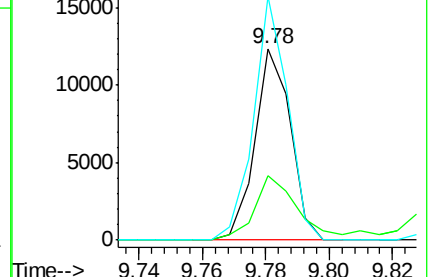
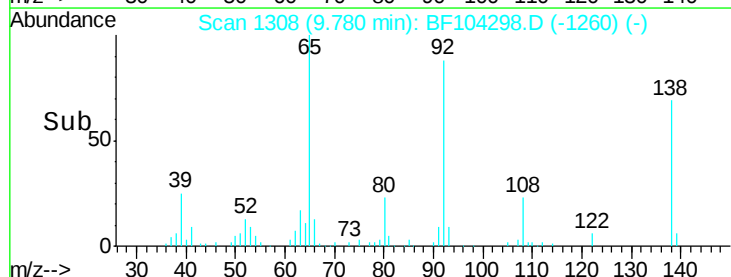
92 127.2 89.4 134.2

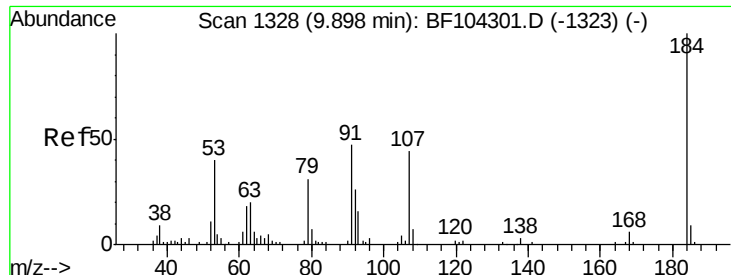


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

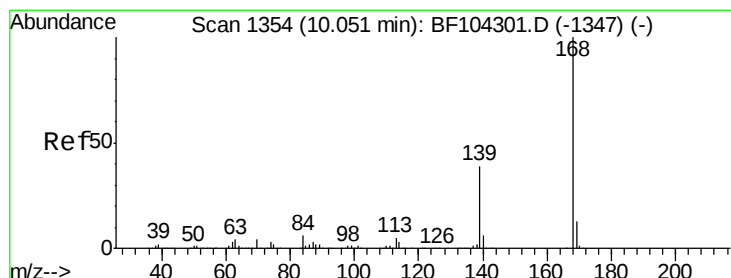
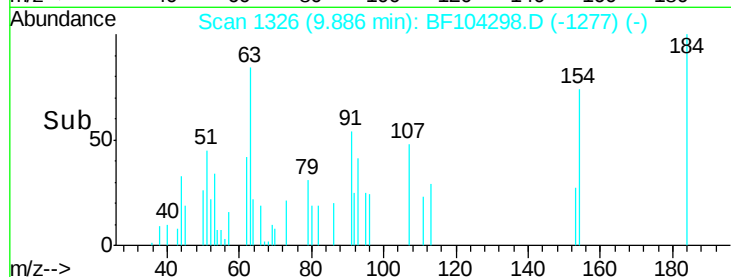
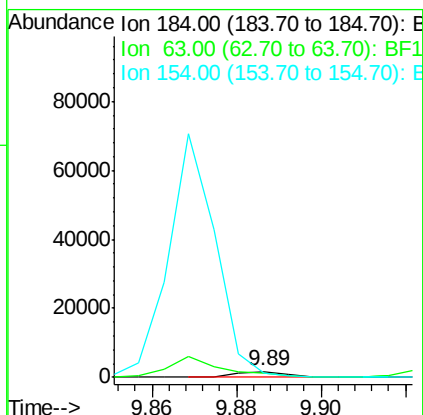
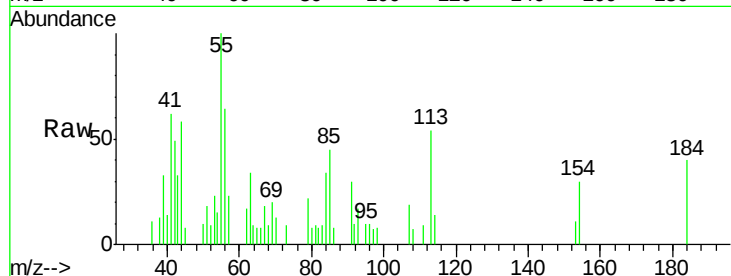




#53
 2,4-Dinitrophenol
 Concen: 0.641 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

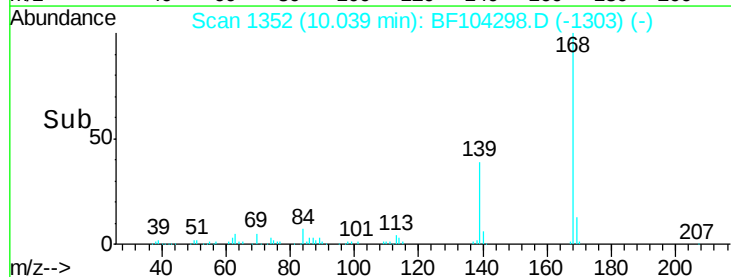
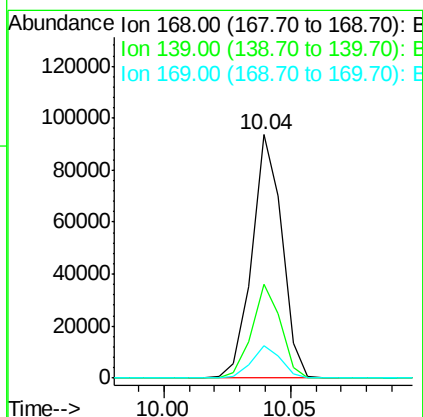
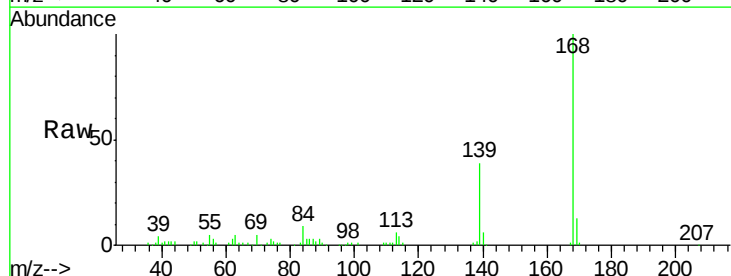
Instrument :
 BNA_F
 ClientSampled :

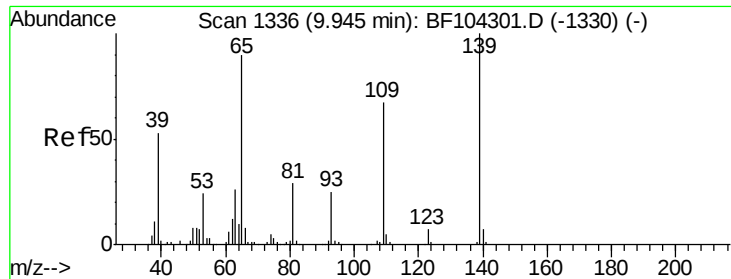
Tot Ion:184 Resp: 1236
 Ion Ratio Lower Upper
 184 100
 63 84.2 54.2 81.2#
 154 74.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 2.973 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:168 Resp: 77298
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 13.2 10.9 16.3

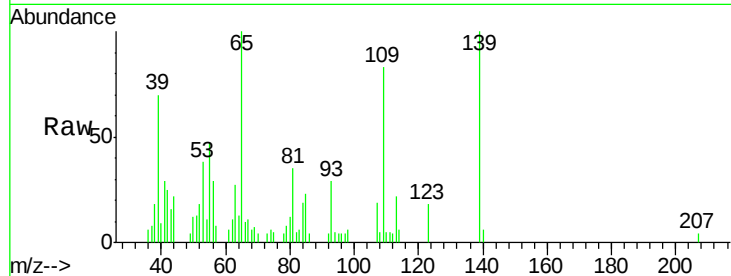




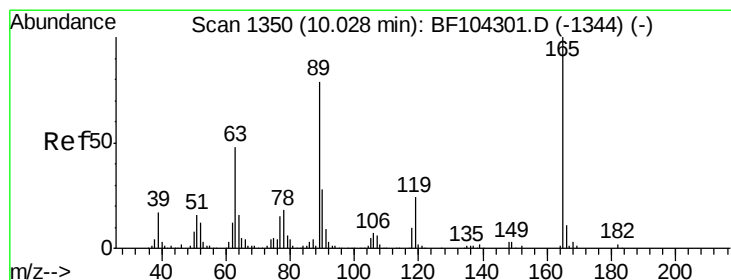
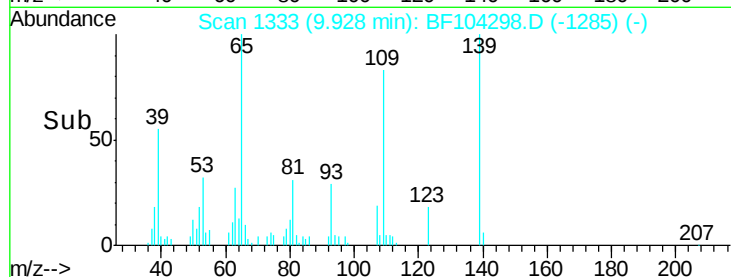
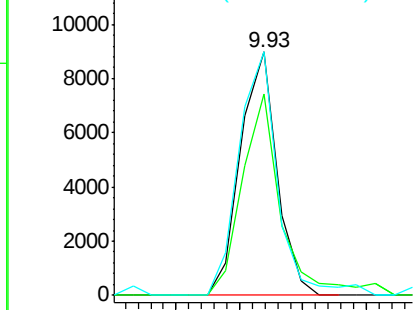
#55
4-Nitrophenol
Concen: 2.039 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 7164
Ion Ratio Lower Upper
139 100
109 82.7 48.4 88.4
65 100.2 72.6 112.6

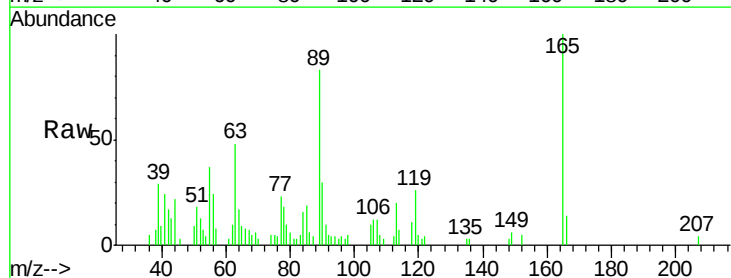


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

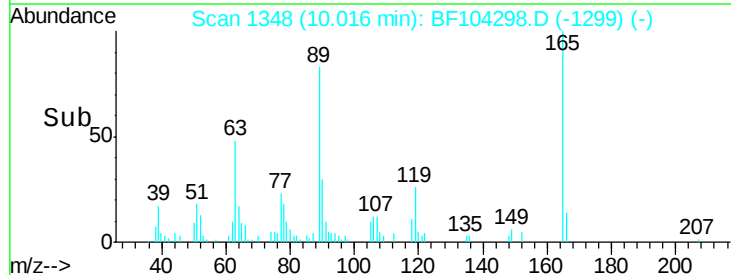
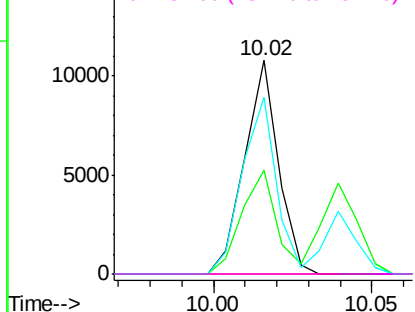


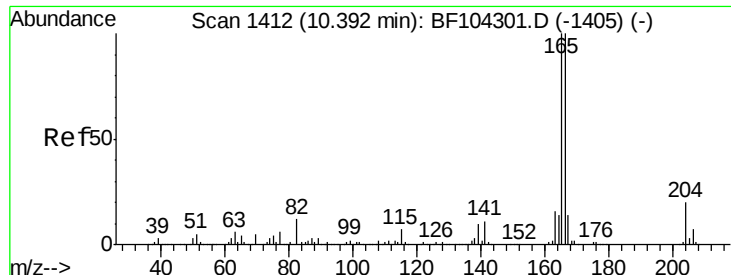
#56
2,4-Dinitrotoluene
Concen: 1.228 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion:165 Resp: 7986
Ion Ratio Lower Upper
165 100
63 48.3 36.4 54.6
89 82.7 57.8 86.6
182 0.0 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: 3.057 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

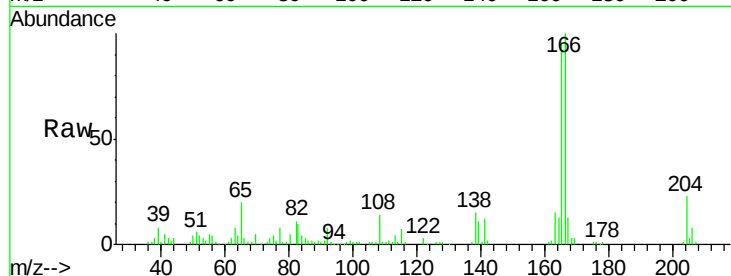
Tot Ion:166 Resp: 65554

Ion Ratio Lower Upper

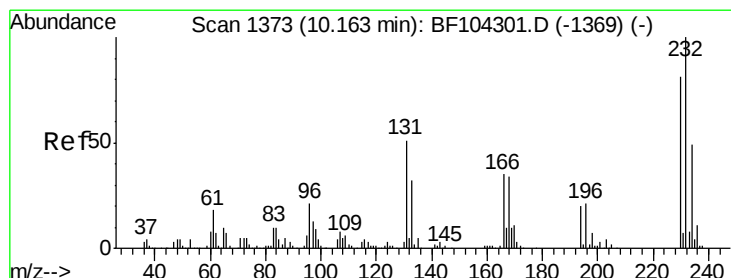
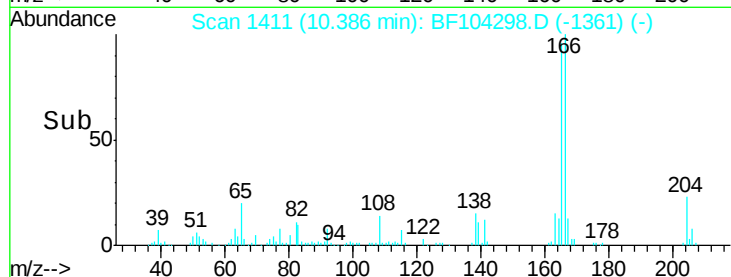
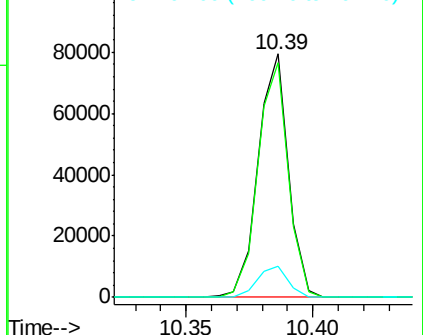
166 100

165 96.3 79.8 119.8

167 12.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.519 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Tgt Ion:232 Resp: 13278

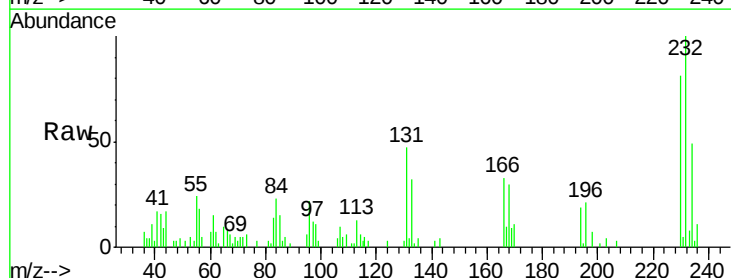
Ion Ratio Lower Upper

232 100

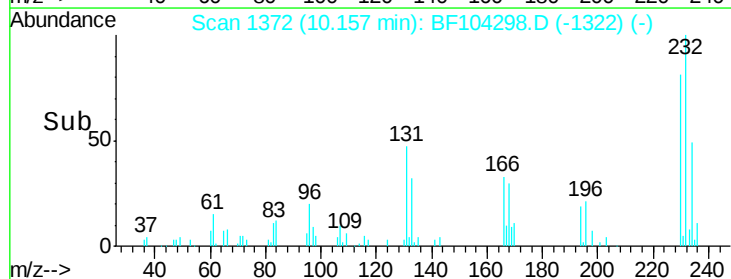
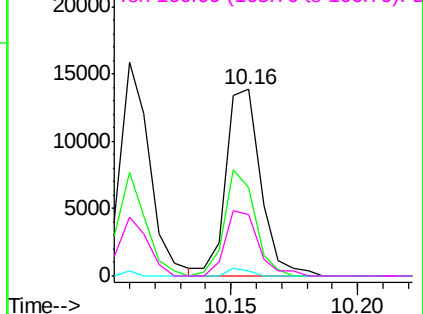
131 49.5 43.8 65.8

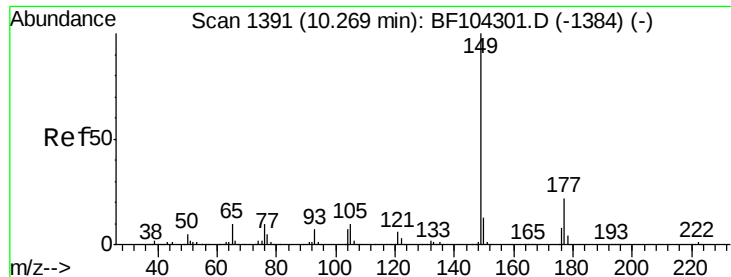
130 2.7 2.1 3.1

166 32.9 27.8 41.6



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

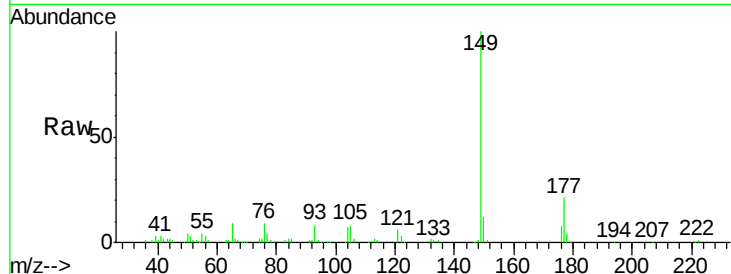




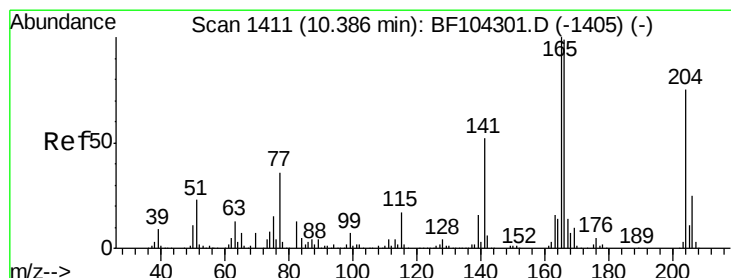
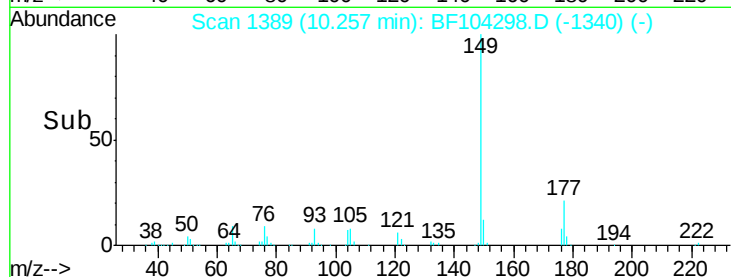
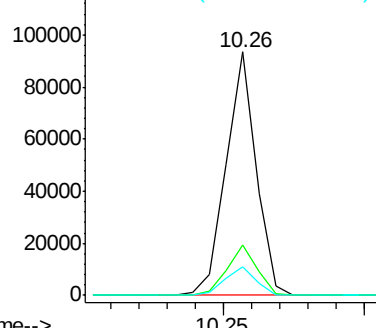
#59
Diethylphthalate
Concen: 3.031 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 68785
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.0 10.1 15.1

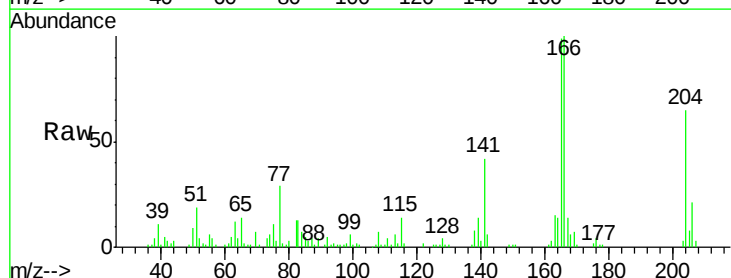


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

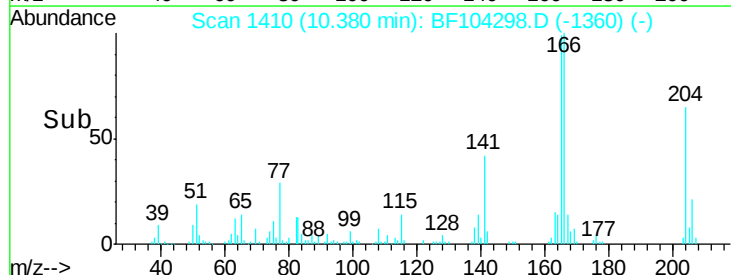
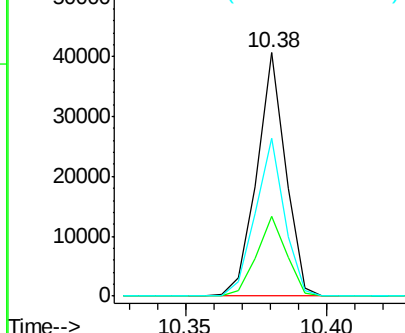


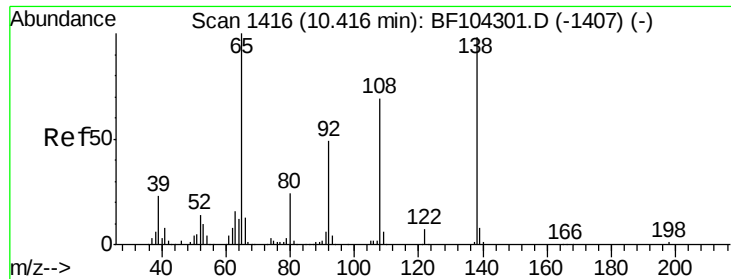
#60
4-Chlorophenyl-phenylether
Concen: 2.933 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion:204 Resp: 28893
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.9 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

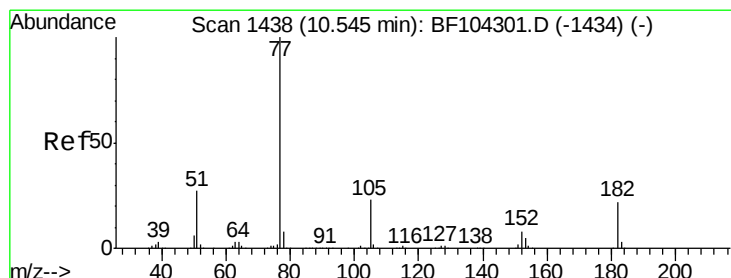
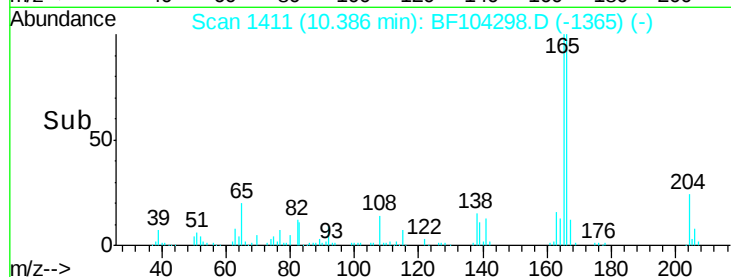
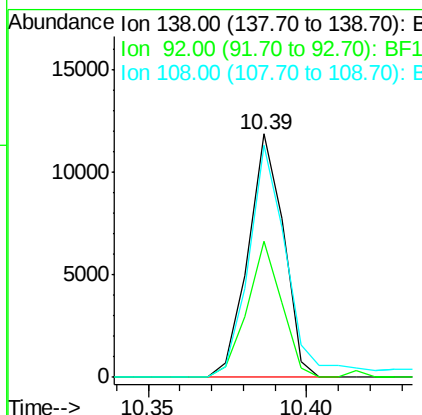
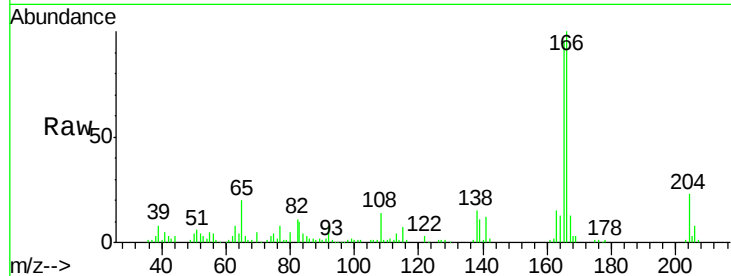




#61
4-Nitroaniline
Concen: 1.672 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.03 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

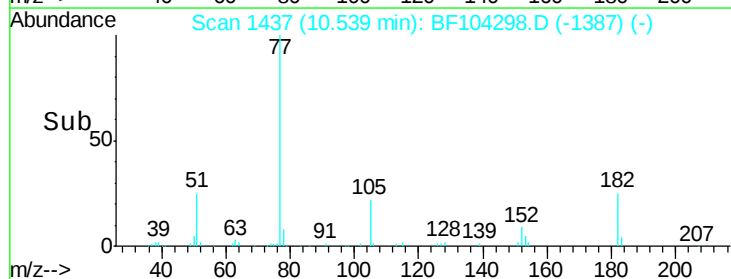
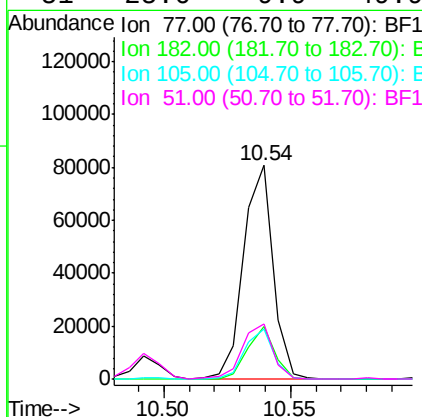
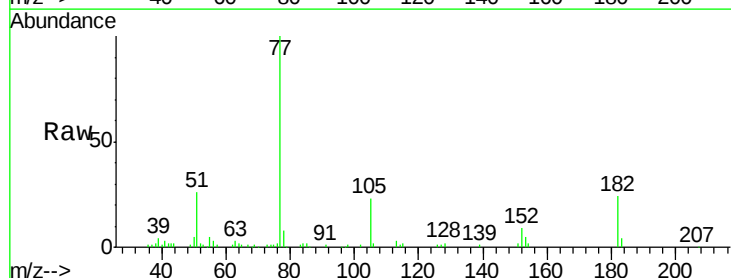
Instrument :
BNA_F
ClientSampleId :

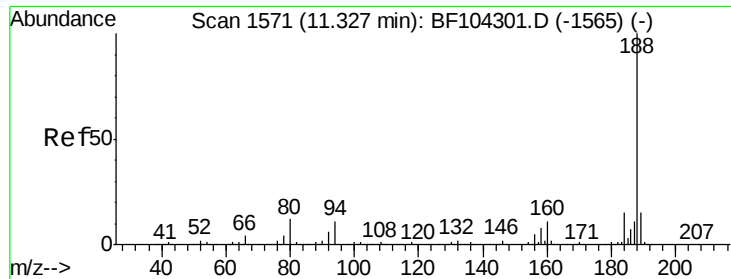
Tot Ion:138 Resp: 9167
Ion Ratio Lower Upper
138 100
92 55.7 30.2 70.2
108 95.3 52.5 92.5#



#62
Azobenzene
Concen: 3.175 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion: 77 Resp: 65148
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 23.5 3.0 43.0
51 25.6 9.9 49.9

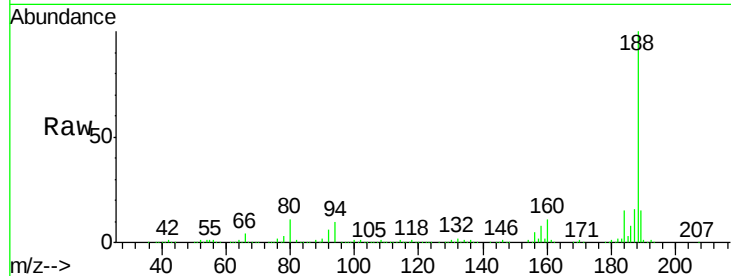




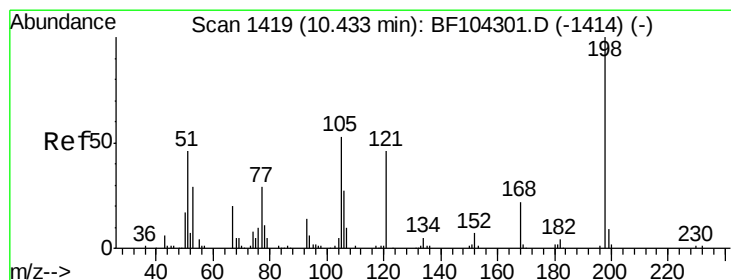
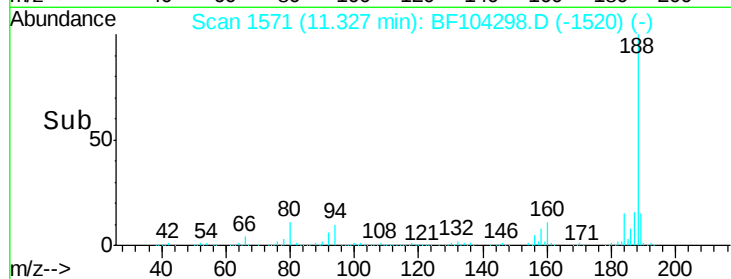
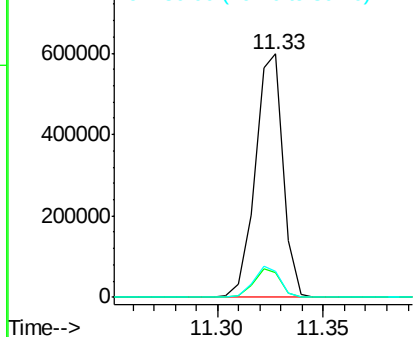
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 546695
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.8 9.2 13.8

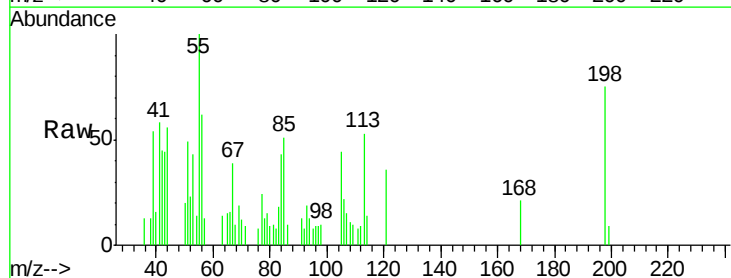


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

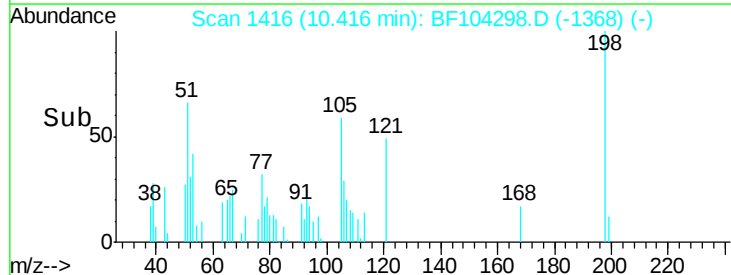
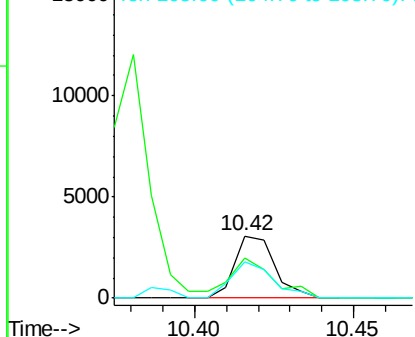


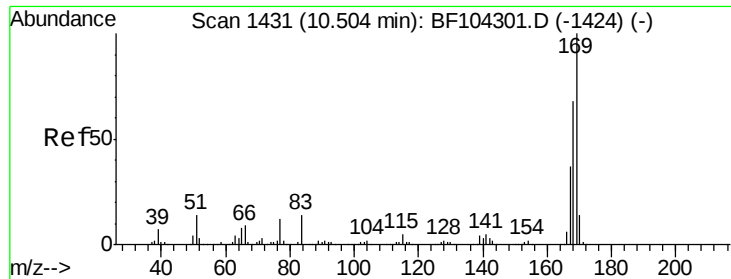
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.807 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:198 Resp: 2670
 Ion Ratio Lower Upper
 198 100
 51 65.8 37.7 77.7
 105 58.9 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

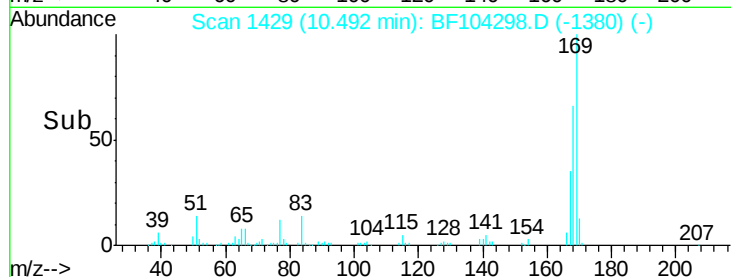
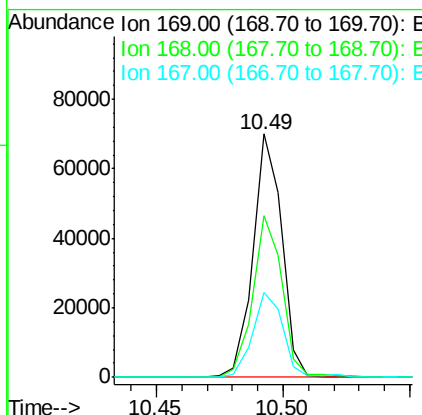
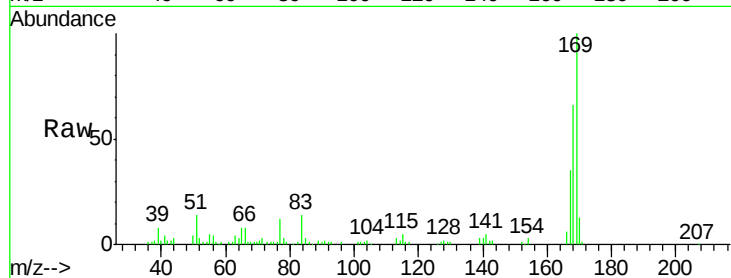




#65
 n-Nitrosodiphenylamine
 Concen: 2.989 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

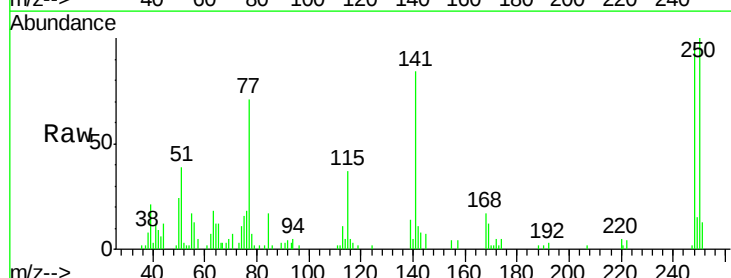
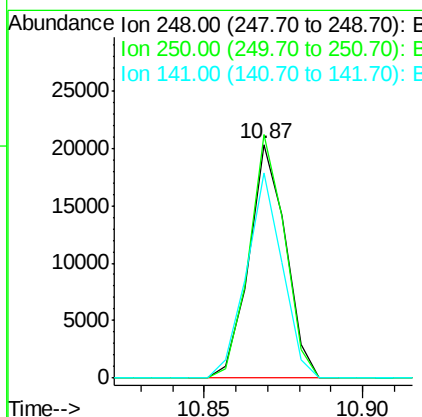
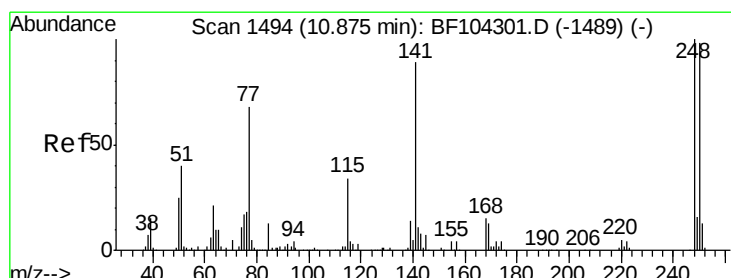
Instrument :
 BNA_F
 ClientSampleId :

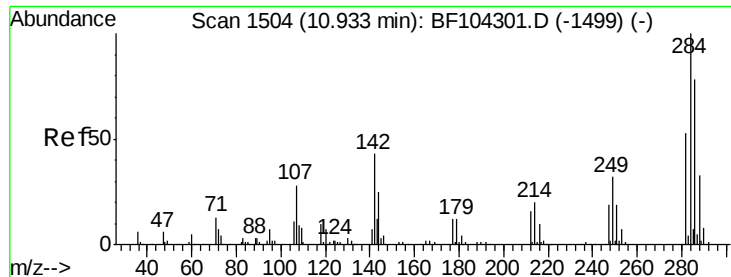
Tot Ion:169 Resp: 55340
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.4 81.6
 167 35.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 2.794 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:248 Resp: 16339
 Ion Ratio Lower Upper
 248 100
 250 104.0 76.9 115.3
 141 87.5 74.4 111.6





#67

Hexachlorobenzene

Concen: 2.823 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

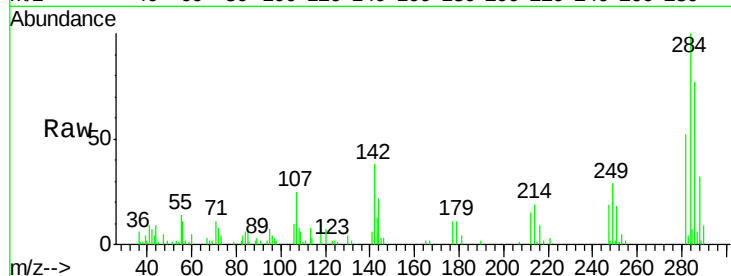
Tot Ion:284 Resp: 18993

Ion Ratio Lower Upper

284 100

142 38.4 34.6 52.0

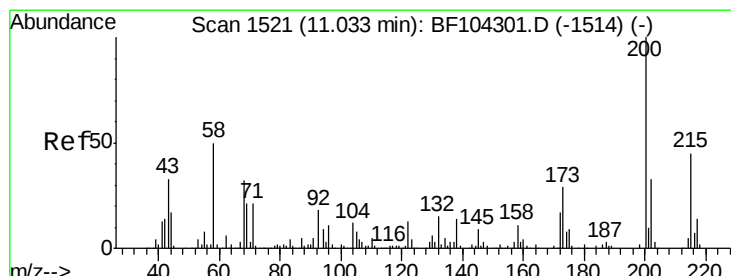
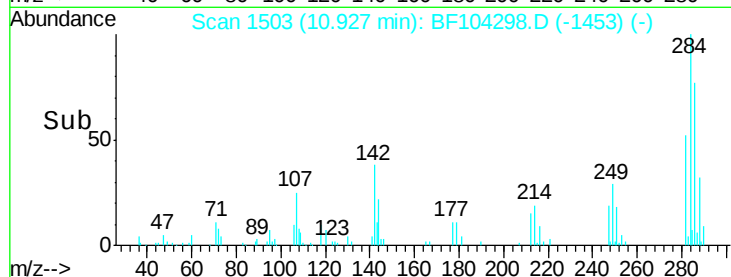
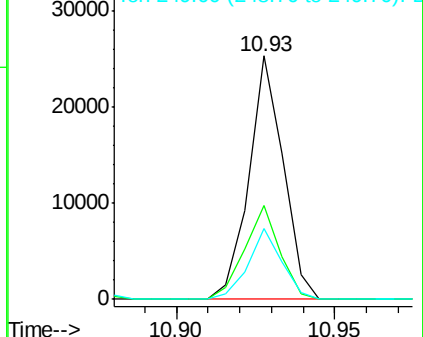
249 28.9 24.8 37.2



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: 3.010 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

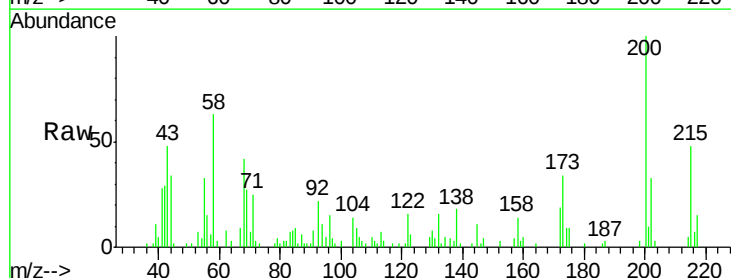
Tgt Ion:200 Resp: 17072

Ion Ratio Lower Upper

200 100

173 33.7 8.6 48.6

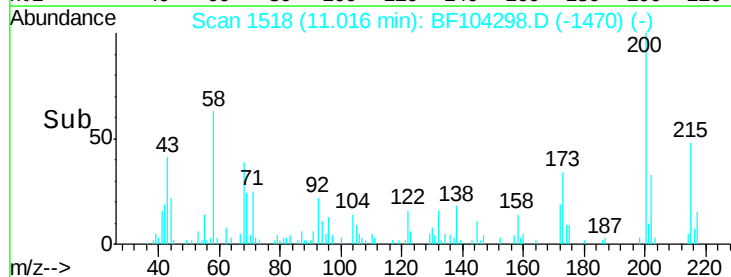
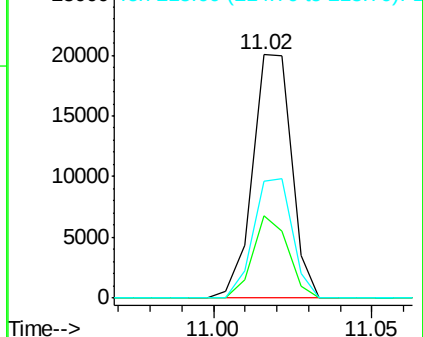
215 48.0 25.1 65.1

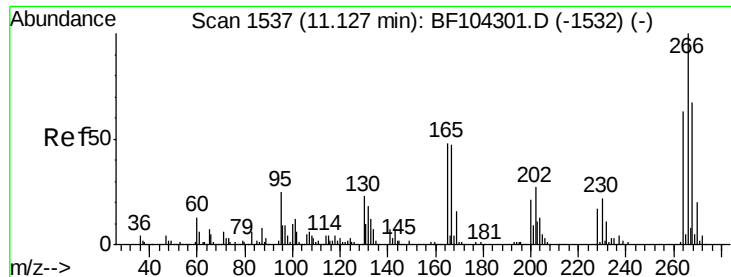


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

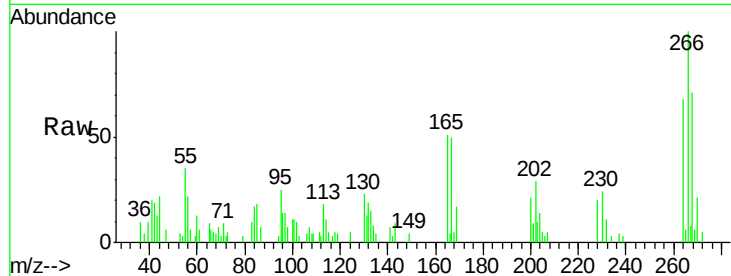




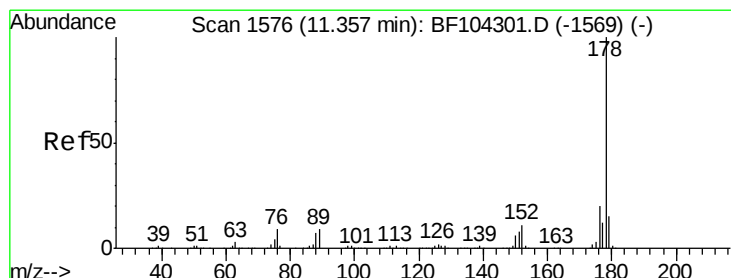
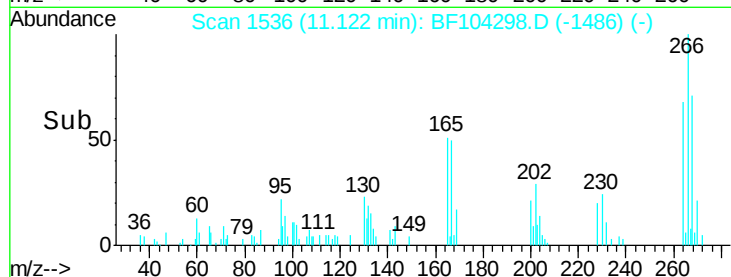
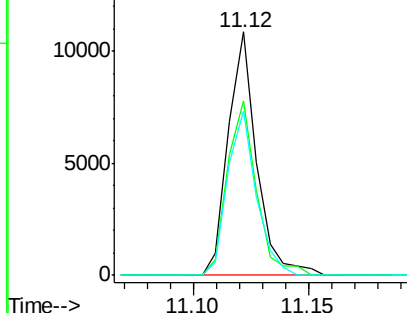
#69
 Pentachlorophenol
 Concen: 2.521 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 9334
 Ion Ratio Lower Upper
 266 100
 268 71.4 51.1 76.7
 264 67.6 49.5 74.3

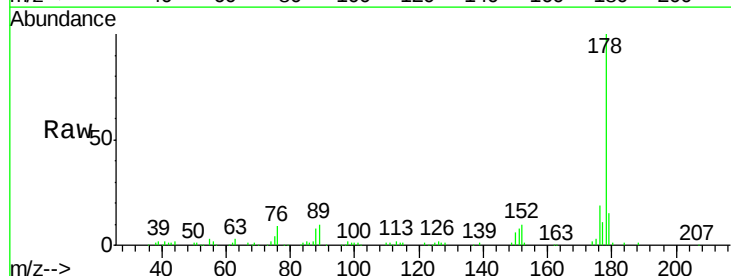


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

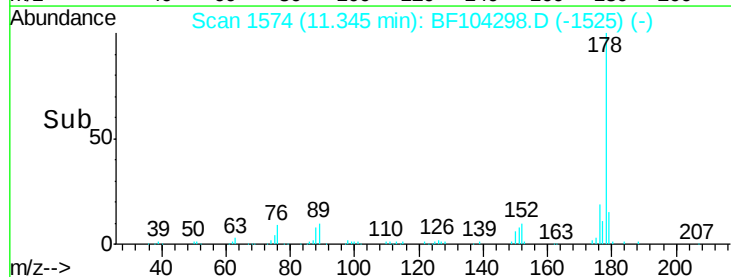
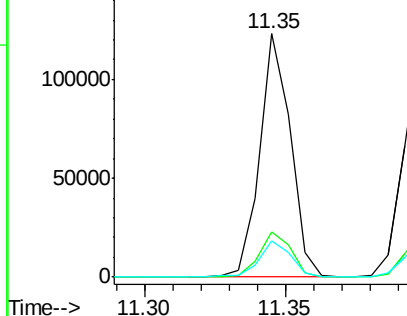


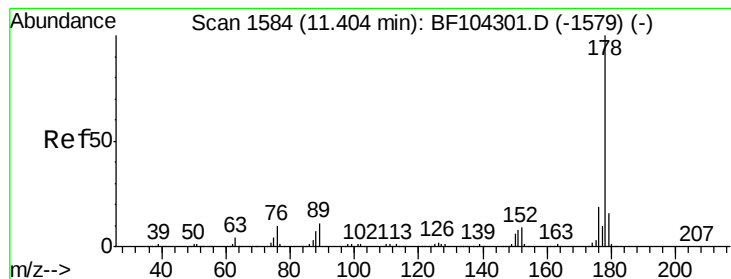
#70
 Phenanthrene
 Concen: 3.128 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:178 Resp: 92583
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.1 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: 3.014 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

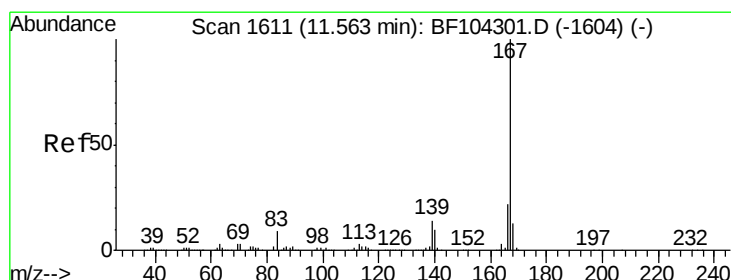
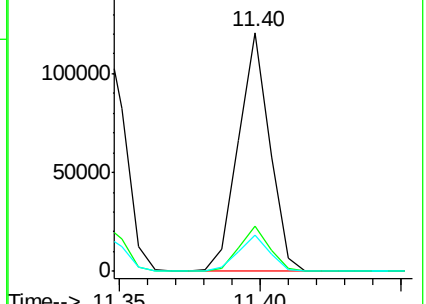
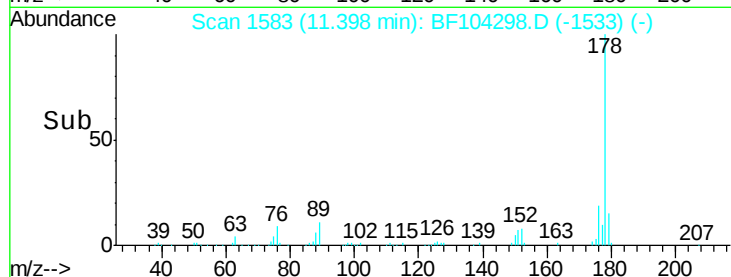
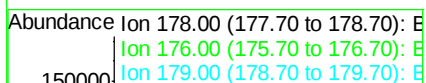
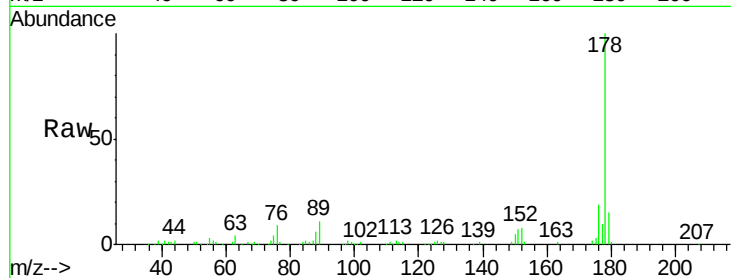
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 93180

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.9	12.6	19.0



#72

Carbazole

Concen: 3.091 ng

RT: 11.55 min Scan# 1609

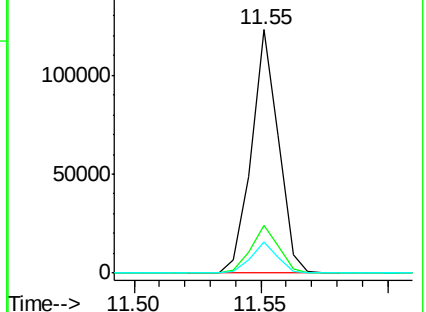
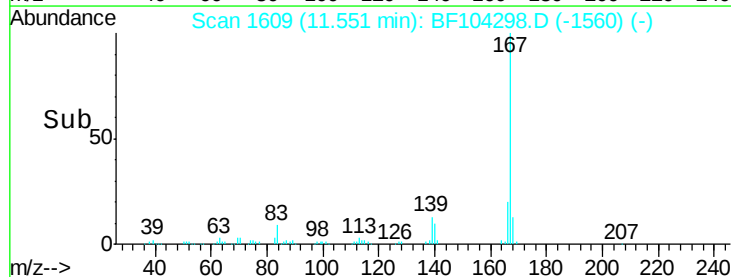
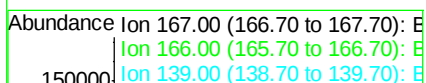
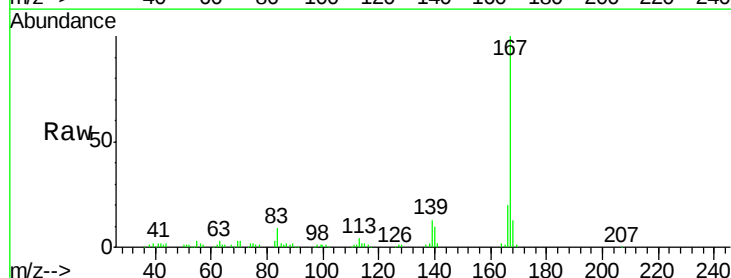
Delta R.T. -0.01 min

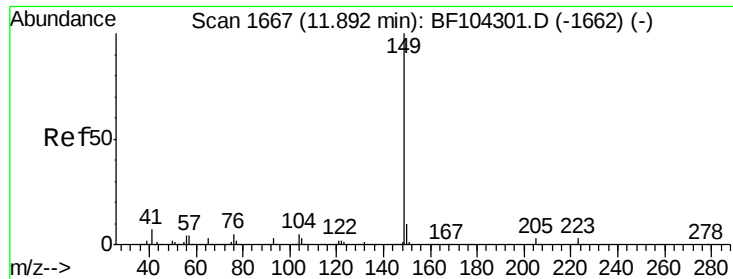
Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Tgt Ion:167 Resp: 91195

Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 3.183 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

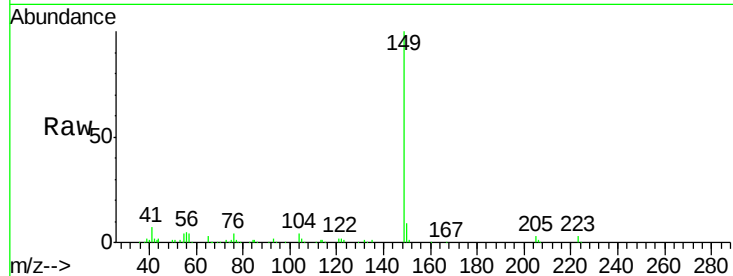
Tot Ion:149 Resp: 111870

Ion Ratio Lower Upper

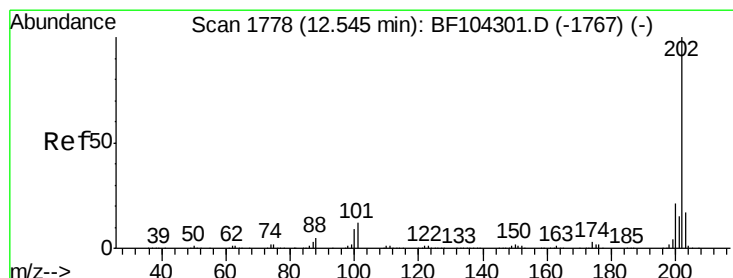
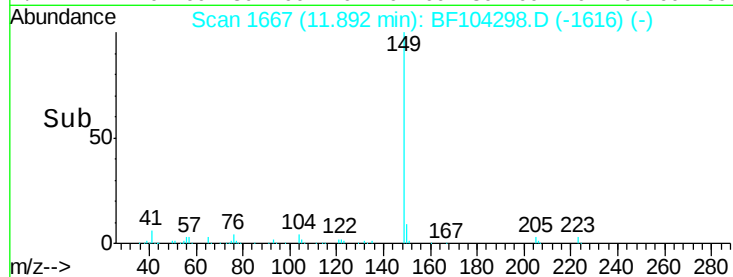
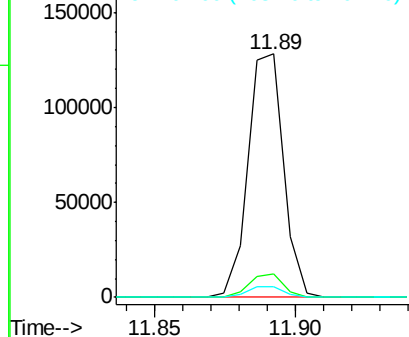
149 100

150 9.4 7.8 11.6

104 4.5 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: 3.055 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

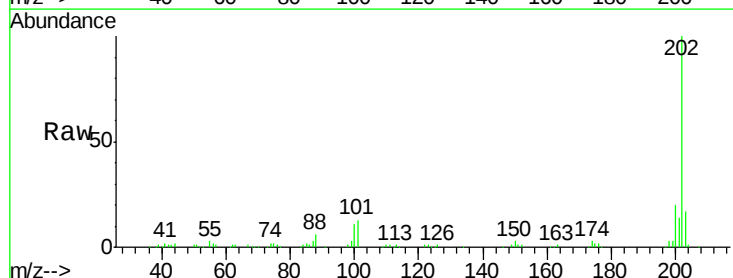
Tgt Ion:202 Resp: 96126

Ion Ratio Lower Upper

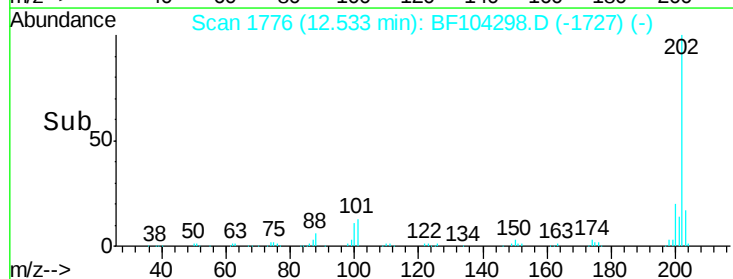
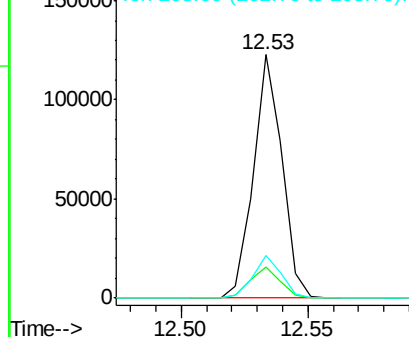
202 100

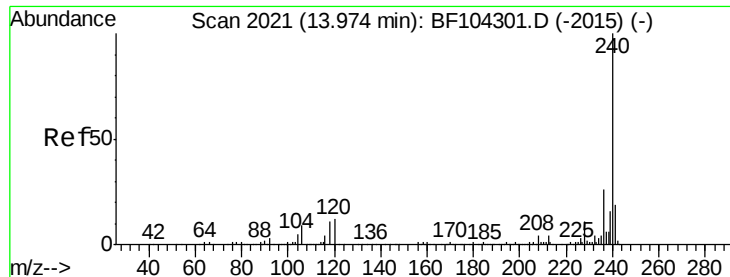
101 12.9 0.0 34.1

203 17.3 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: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

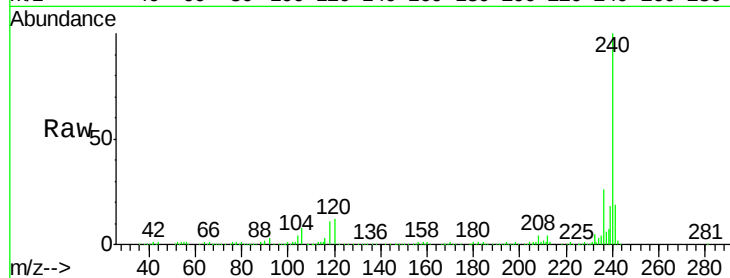
Tot Ion:240 Resp: 476330

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

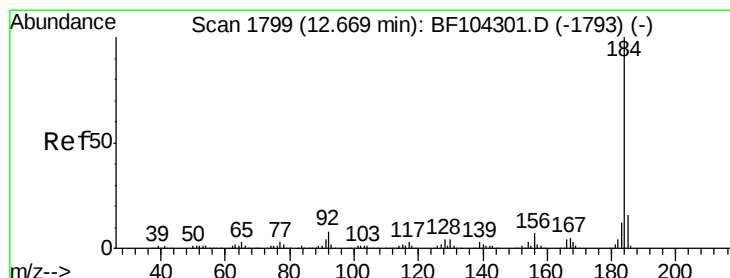
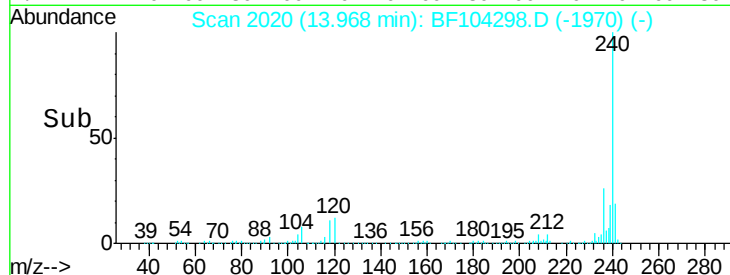
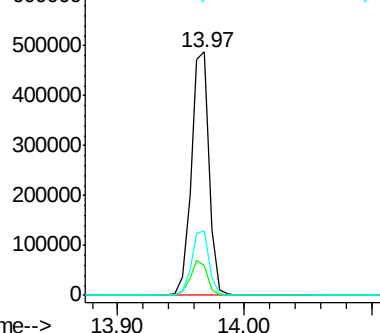
236 26.4 20.7 31.1



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: 4.356 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

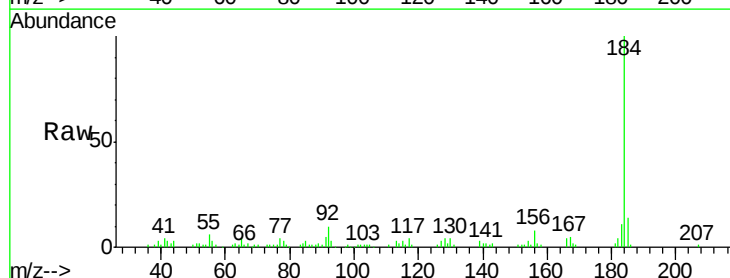
Tgt Ion:184 Resp: 59128

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

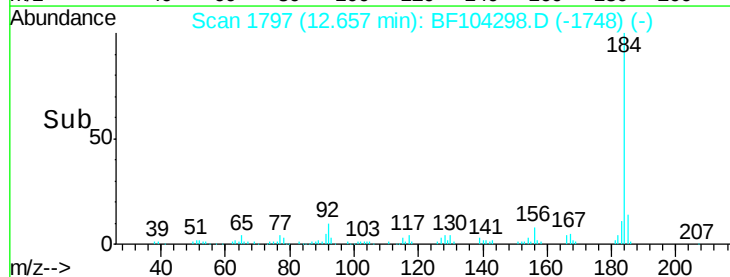
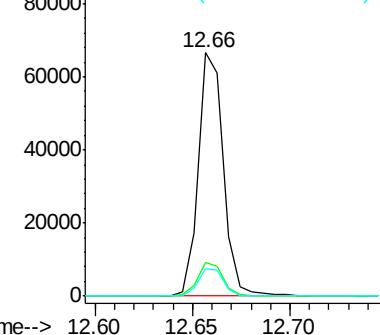
183 11.5 9.3 13.9

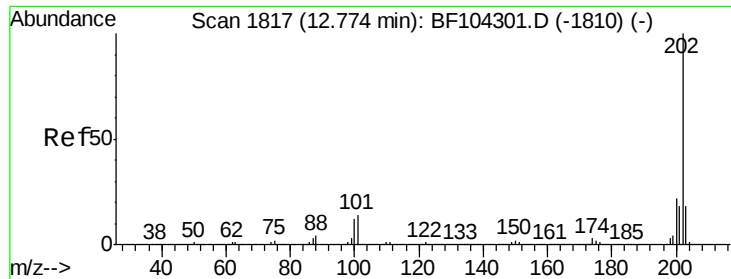


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.876 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

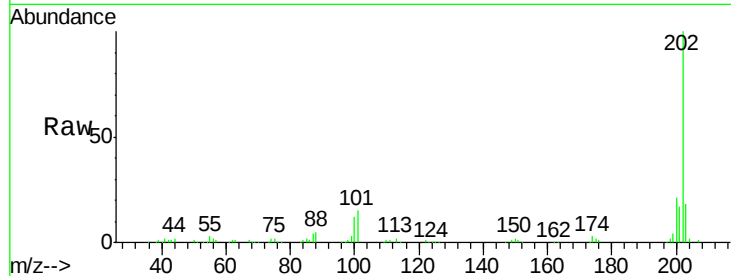
Tot Ion:202 Resp: 98480

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

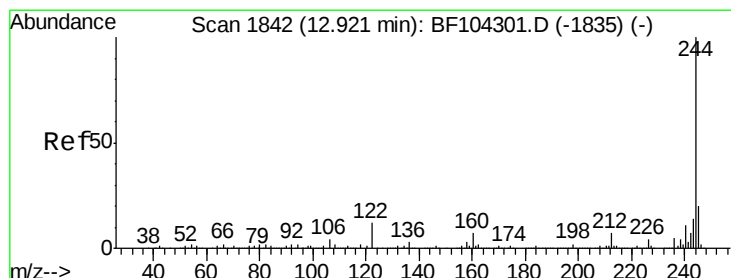
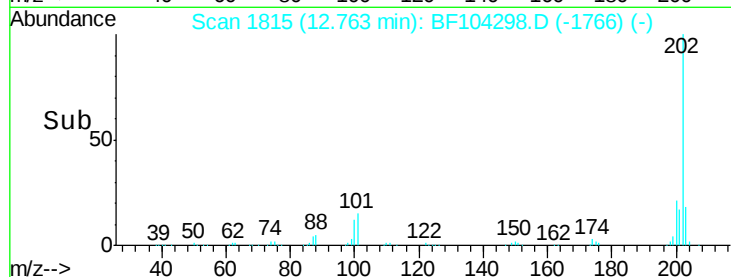
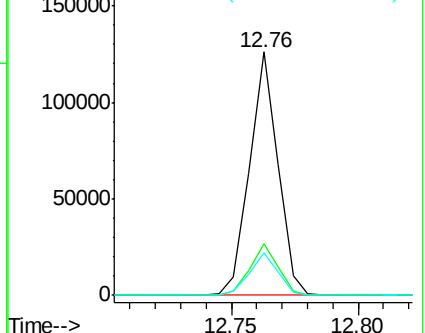
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 6.259 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

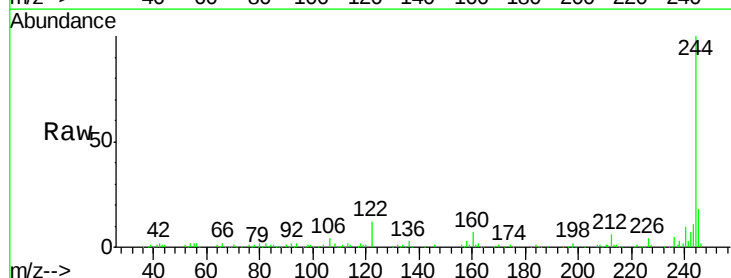
Tgt Ion:244 Resp: 129114

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

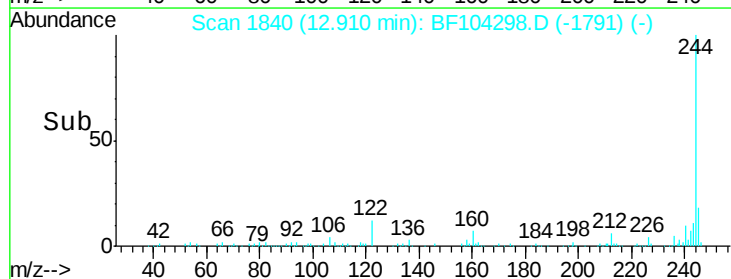
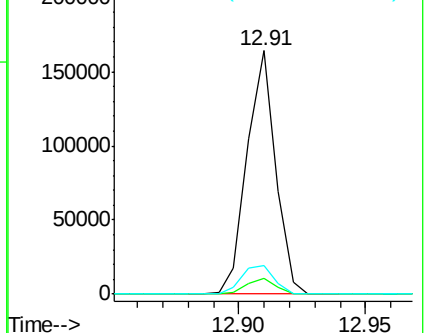
122 11.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

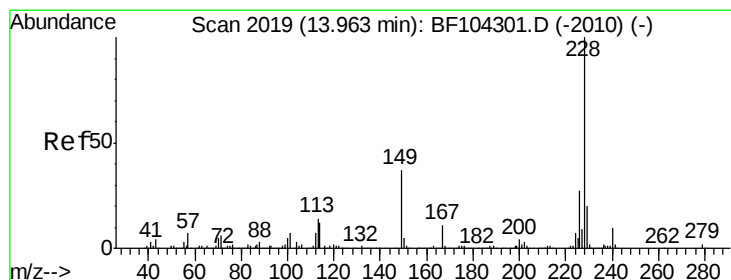
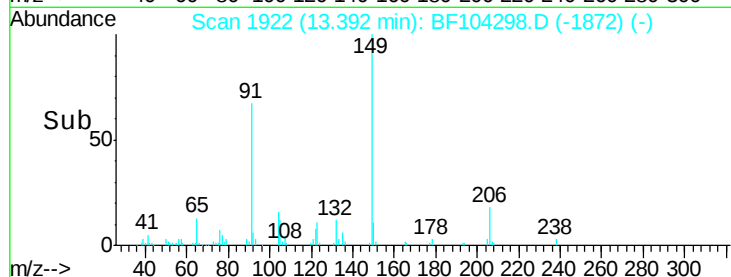
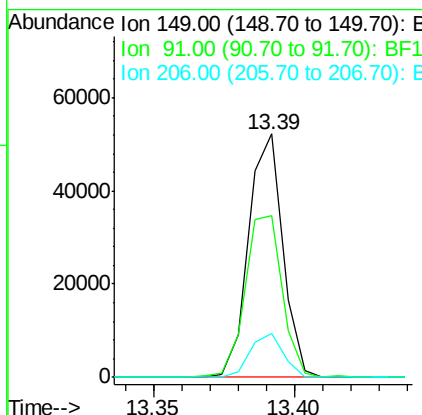
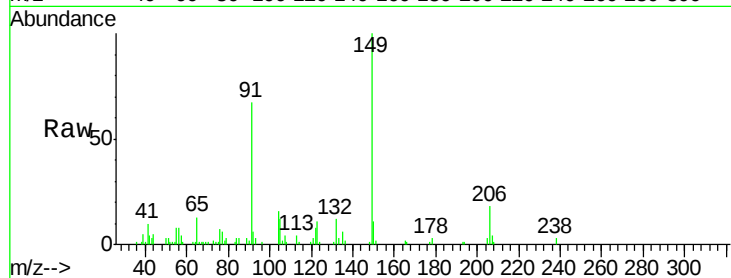




#79
Butylbenzylphthalate
Concen: 2.720 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

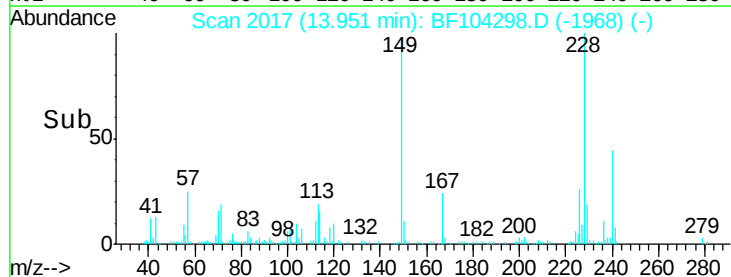
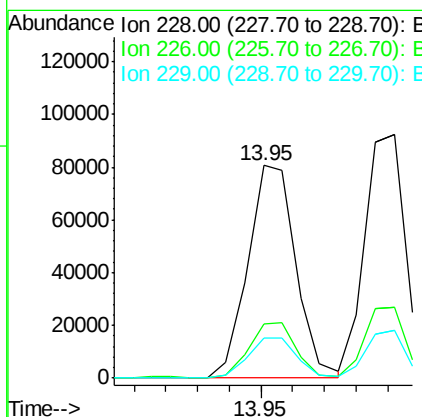
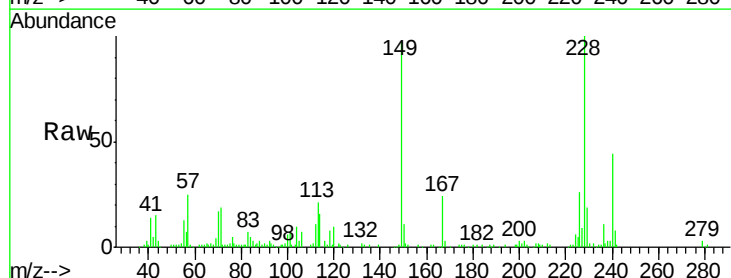
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 43872
Ion Ratio Lower Upper
149 100
91 66.5 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 2.845 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion:228 Resp: 84799
Ion Ratio Lower Upper
228 100
226 25.5 22.6 33.8
229 18.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 3.006 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

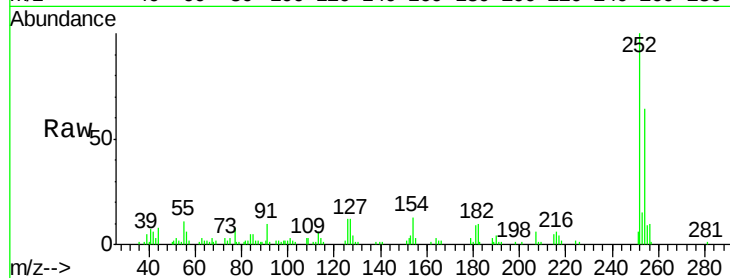
Tot Ion:252 Resp: 29660

Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

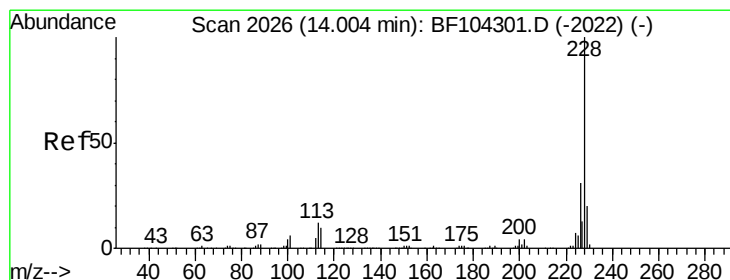
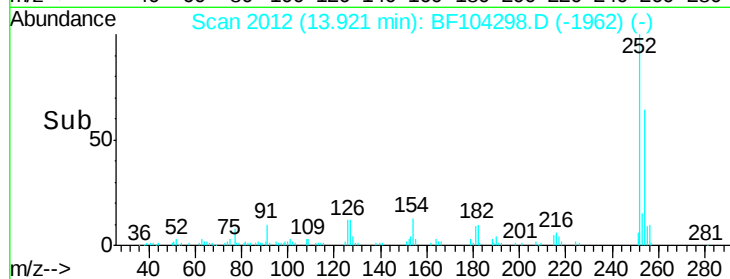
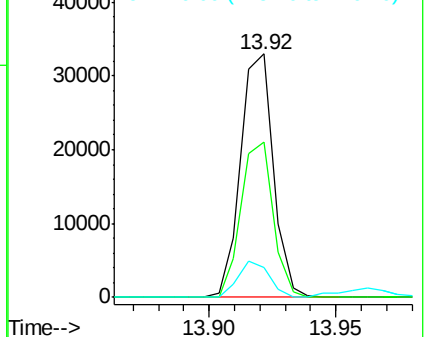
126 12.5 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 2.838 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

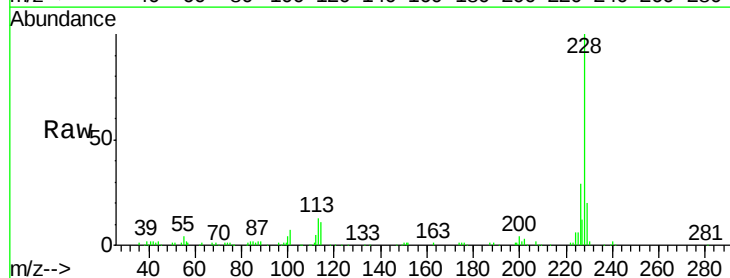
Tgt Ion:228 Resp: 82860

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

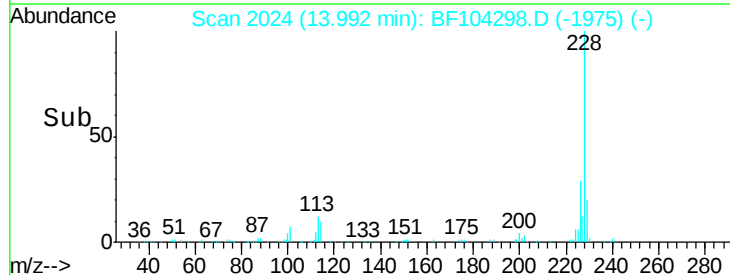
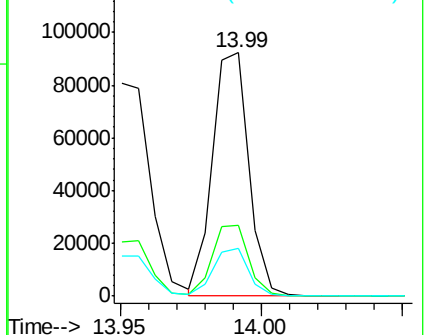
229 19.5 16.2 24.4



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: 2.992 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

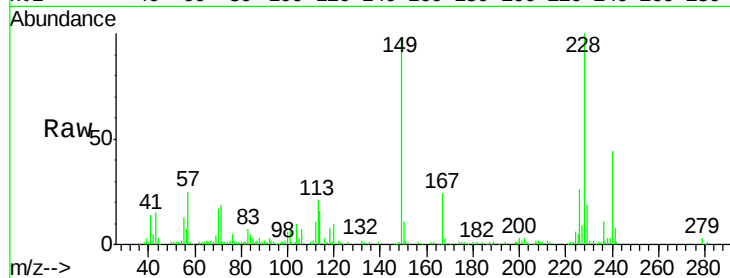
Tot Ion:149 Resp: 62374

Ion Ratio Lower Upper

149 100

167 24.5 21.3 31.9

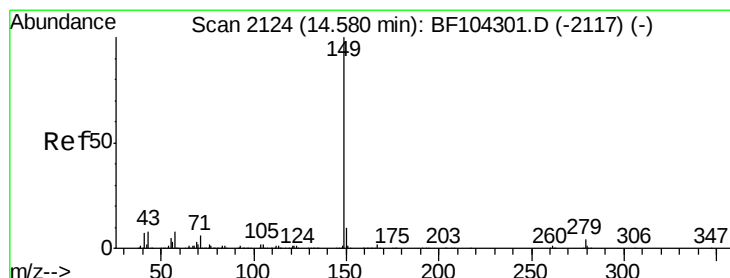
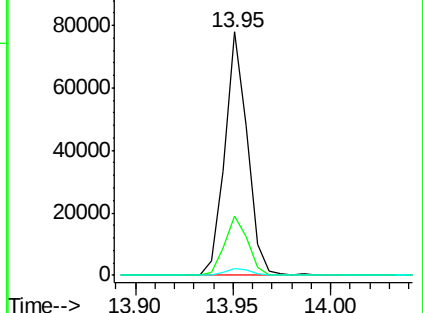
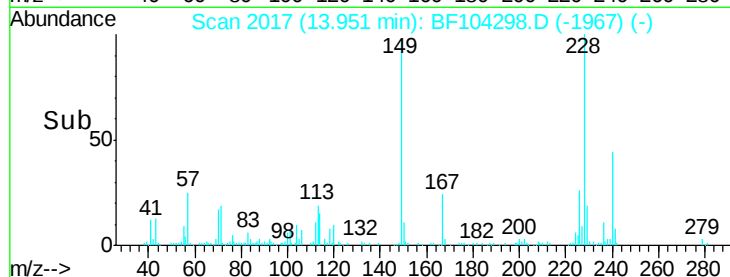
279 2.9 3.0 4.4#



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: 2.627 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

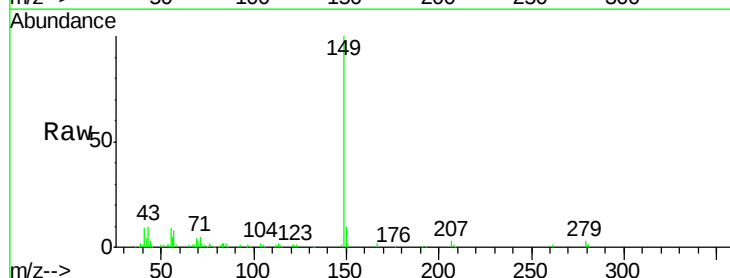
Tgt Ion:149 Resp: 94185

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

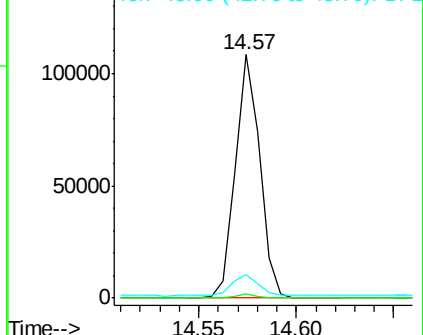
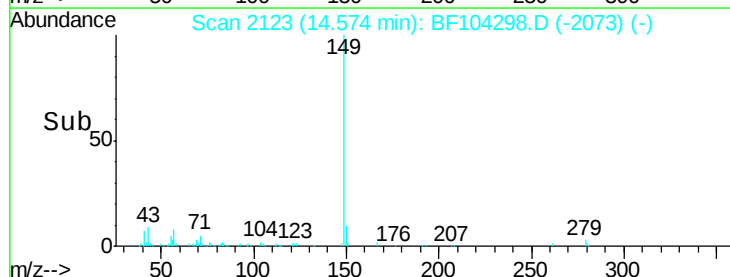
43 9.6 8.4 12.6

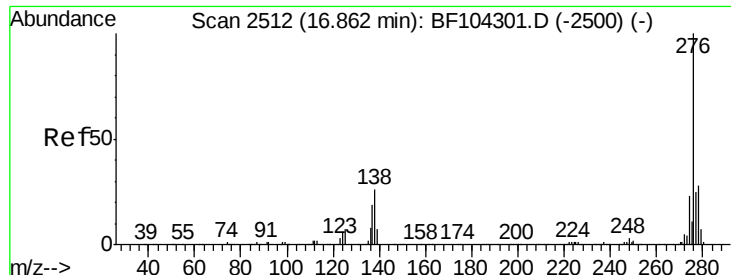


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

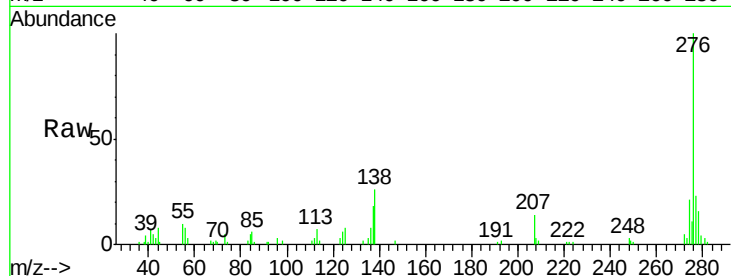




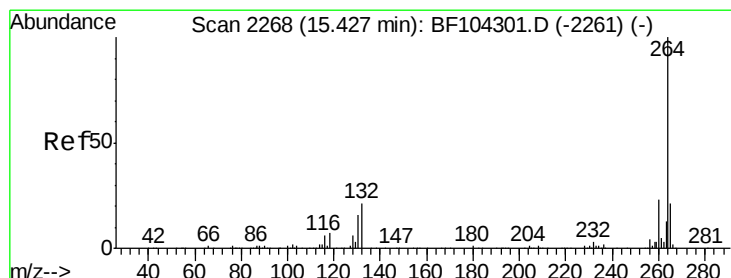
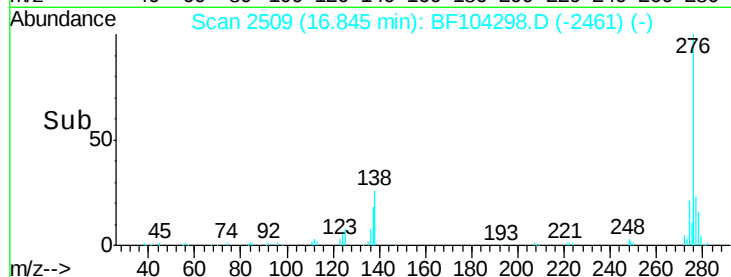
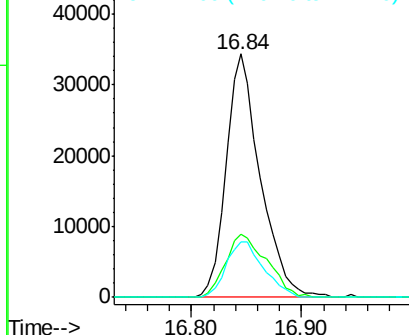
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.453 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.02 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 74216
 Ion Ratio Lower Upper
 276 100
 138 31.2 25.0 37.6
 277 25.1 20.1 30.1

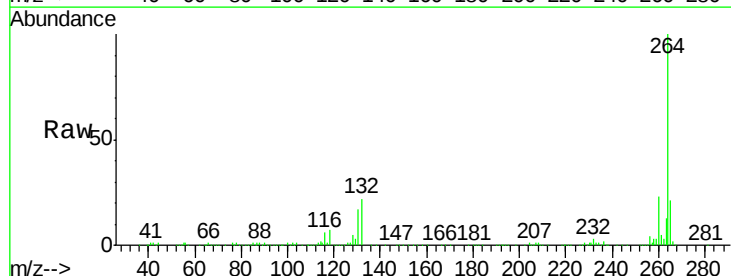


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

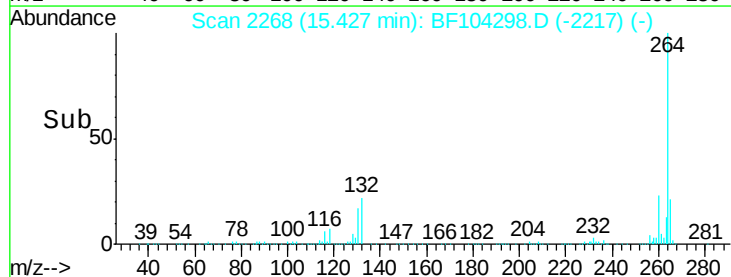
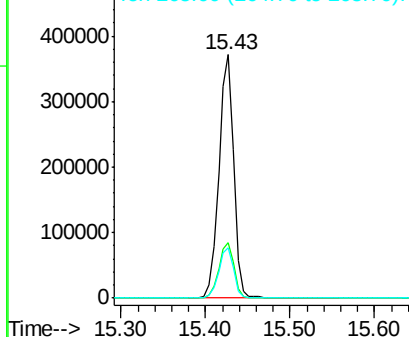


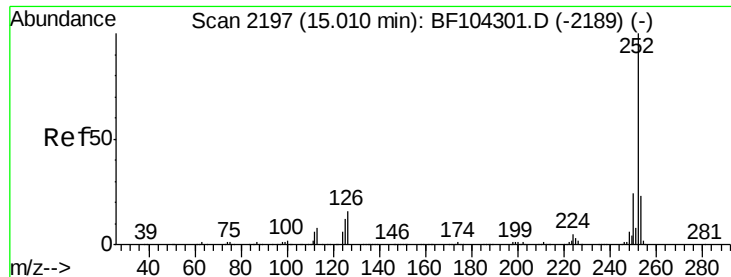
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF104298.D
 Acq: 6 Apr 2018 11:34

Tgt Ion:264 Resp: 458847
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.8 17.5 26.3



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

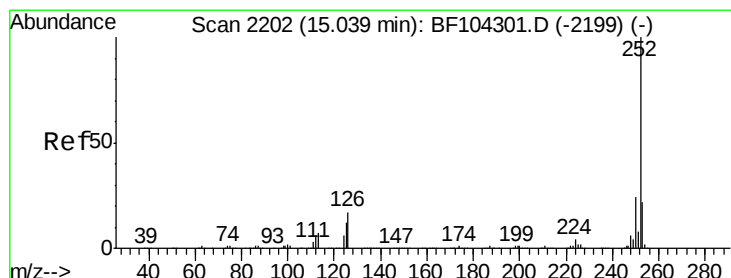
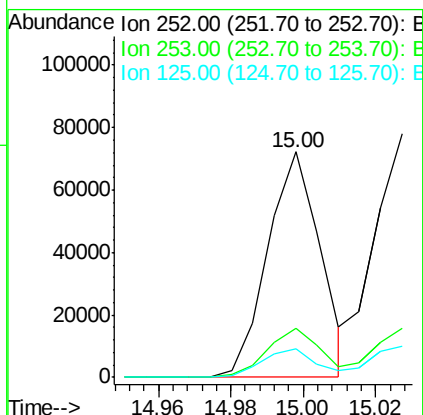
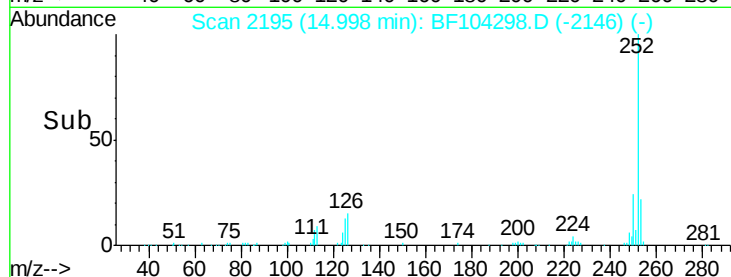
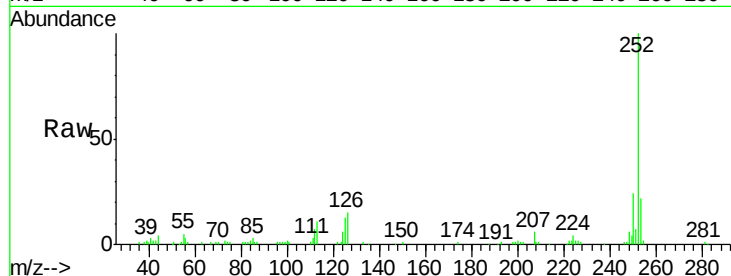




#87
Benzo(b)fluoranthene
Concen: 2.613 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

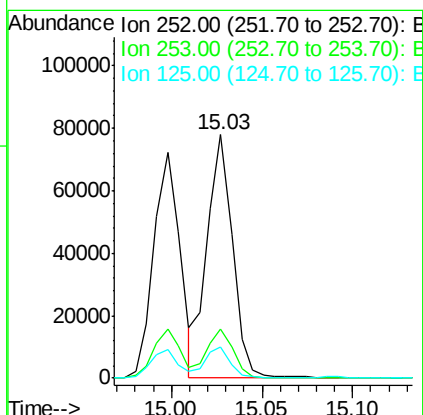
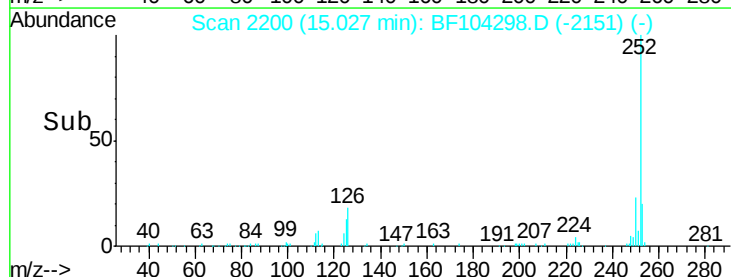
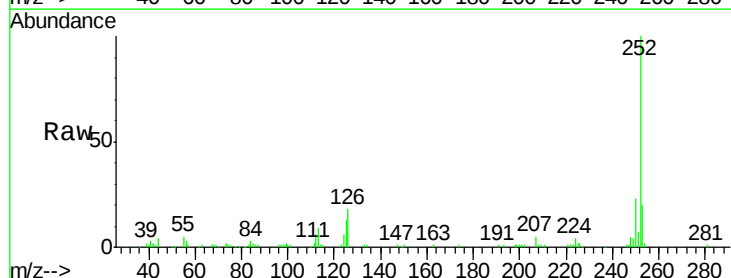
Instrument :
BNA_F
ClientSampleId :

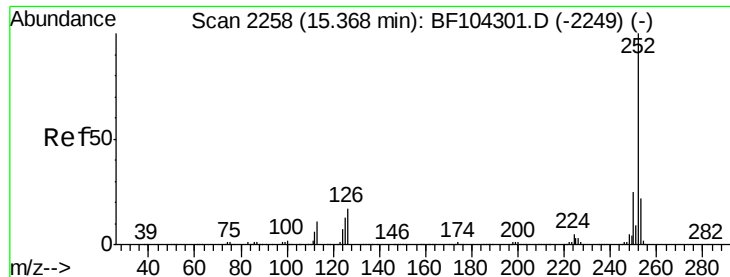
Tot Ion:252 Resp: 72973
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 2.913 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104298.D
Acq: 6 Apr 2018 11:34

Tgt Ion:252 Resp: 76620
Ion Ratio Lower Upper
252 100
253 20.1 17.9 26.9
125 12.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 2.671 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :

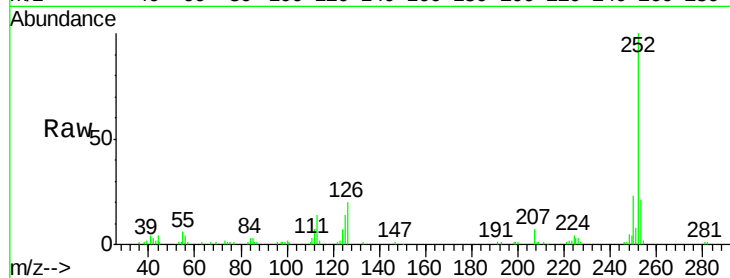
Tot Ion:252 Resp: 69117

Ion Ratio Lower Upper

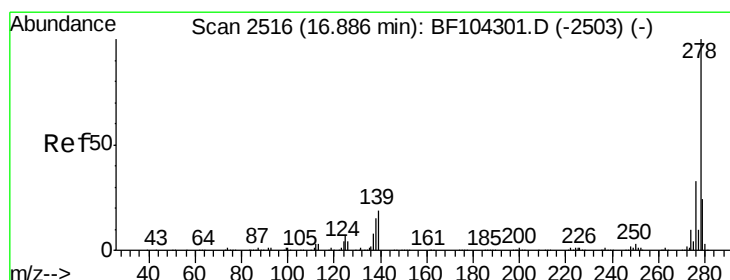
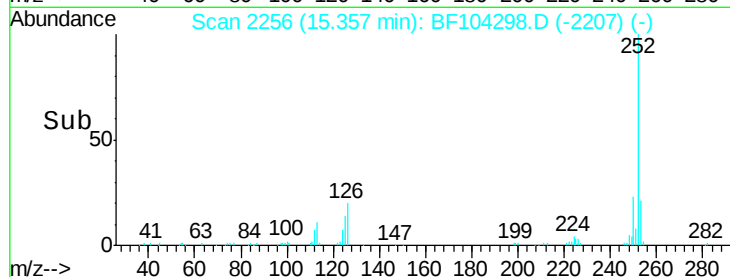
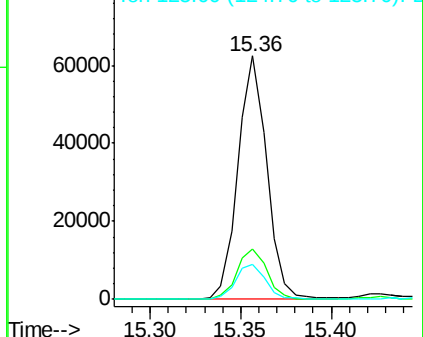
252 100

253 20.8 17.1 25.7

125 14.4 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: 2.491 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.02 min

Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

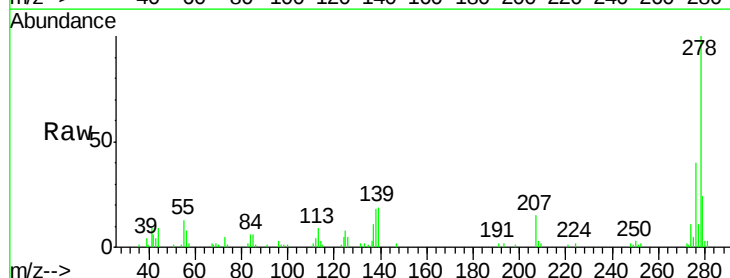
Tgt Ion:278 Resp: 59598

Ion Ratio Lower Upper

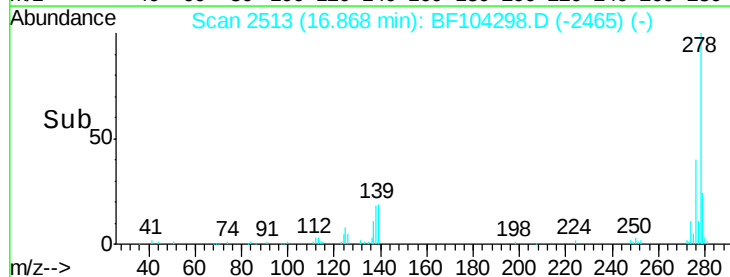
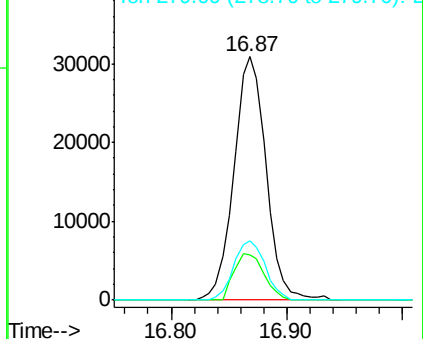
278 100

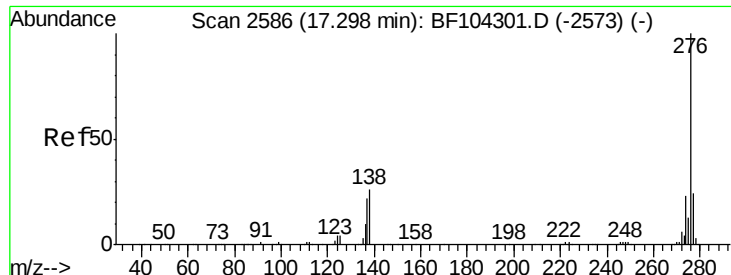
139 18.5 15.9 23.9

279 24.1 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: 2.503 ng

RT: 17.28 min Scan# 2583

Delta R.T. -0.02 min

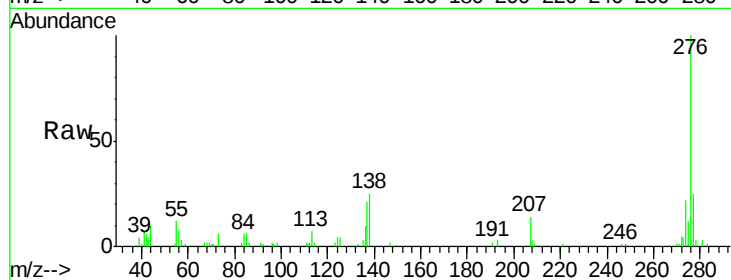
Lab File: BF104298.D

Acq: 6 Apr 2018 11:34

Instrument :

BNA_F

ClientSampleId :



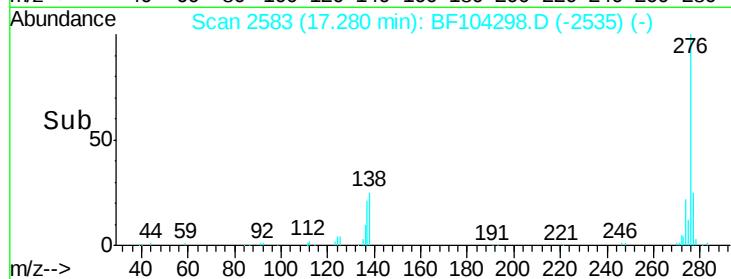
Tot Ion:276 Resp: 59976

Ion Ratio Lower Upper

276 100

277 25.2 17.9 26.9

138 25.0 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

