

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102334.D
 Acq On : 23 Jan 2018 9:56
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 17:14:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136723	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	583961	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	263852	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	449732	20.00	ng	0.00
75) Chrysene-d12	13.89	240	345542	20.00	ng	0.01
86) Perylene-d12	15.30	264	296271	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	725719	80.48	ng	0.00
7) Phenol-d6	6.37	99	869582	79.99	ng	0.01
23) Nitrobenzene-d5	7.29	82	805262	79.24	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	203469	77.83	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1434546	79.94	ng	0.00
78) Terphenyl-d14	12.83	244	1202007	78.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	170339	39.759	ng	99
3) Pyridine	3.09	79	457646	40.875	ng	97
4) n-Nitrosodimethylamine	3.05	42	179734	40.948	ng	98
6) Aniline	6.39	93	570684	39.689	ng	92
8) 2-Chlorophenol	6.50	128	390556	41.319	ng	99
9) Benzaldehyde	6.27	77	243026	40.436	ng	96
10) Phenol	6.38	94	462046	38.932	ng	# 64
11) bis(2-Chloroethyl)ether	6.46	93	370491	41.045	ng	99
12) 1,3-Dichlorobenzene	6.66	146	452586	40.260	ng	99
13) 1,4-Dichlorobenzene	6.73	146	453654	40.286	ng	99
14) 1,2-Dichlorobenzene	6.89	146	423509	41.116	ng	97
15) Benzyl Alcohol	6.87	79	307847	40.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	610300	40.313	ng	94
17) 2-Methylphenol	6.99	107	329863	40.182	ng	95
18) Hexachloroethane	7.23	117	162106	41.311	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	268986	40.432	ng	96
20) 3+4-Methylphenols	7.14	107	397370	41.157	ng	# 73
22) Acetophenone	7.13	105	543961	39.076	ng	# 92
24) Nitrobenzene	7.31	77	413055	39.720	ng	97
25) Isophorone	7.55	82	730205	40.308	ng	99
26) 2-Nitrophenol	7.62	139	225690	41.235	ng	95
27) 2,4-Dimethylphenol	7.66	122	316584	39.835	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	448940	40.117	ng	99
29) 2,4-Dichlorophenol	7.87	162	325294	40.183	ng	94
30) 1,2,4-Trichlorobenzene	7.95	180	344728	39.725	ng	99
31) Naphthalene	8.03	128	1149048	39.410	ng	100
32) Benzoic acid	7.82	122	241584	36.282	ng	95
33) 4-Chloroaniline	8.08	127	487695	39.777	ng	99
34) Hexachlorobutadiene	8.14	225	188443	40.658	ng	99
35) Caprolactam	8.47	113	105824	39.581	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	341652	40.038	ng	97
37) 2-Methylnaphthalene	8.72	142	757631	39.018	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	318219	40.087	ng	100
40) Hexachlorocyclopentadiene	8.86	237	146397	41.209	ng	99

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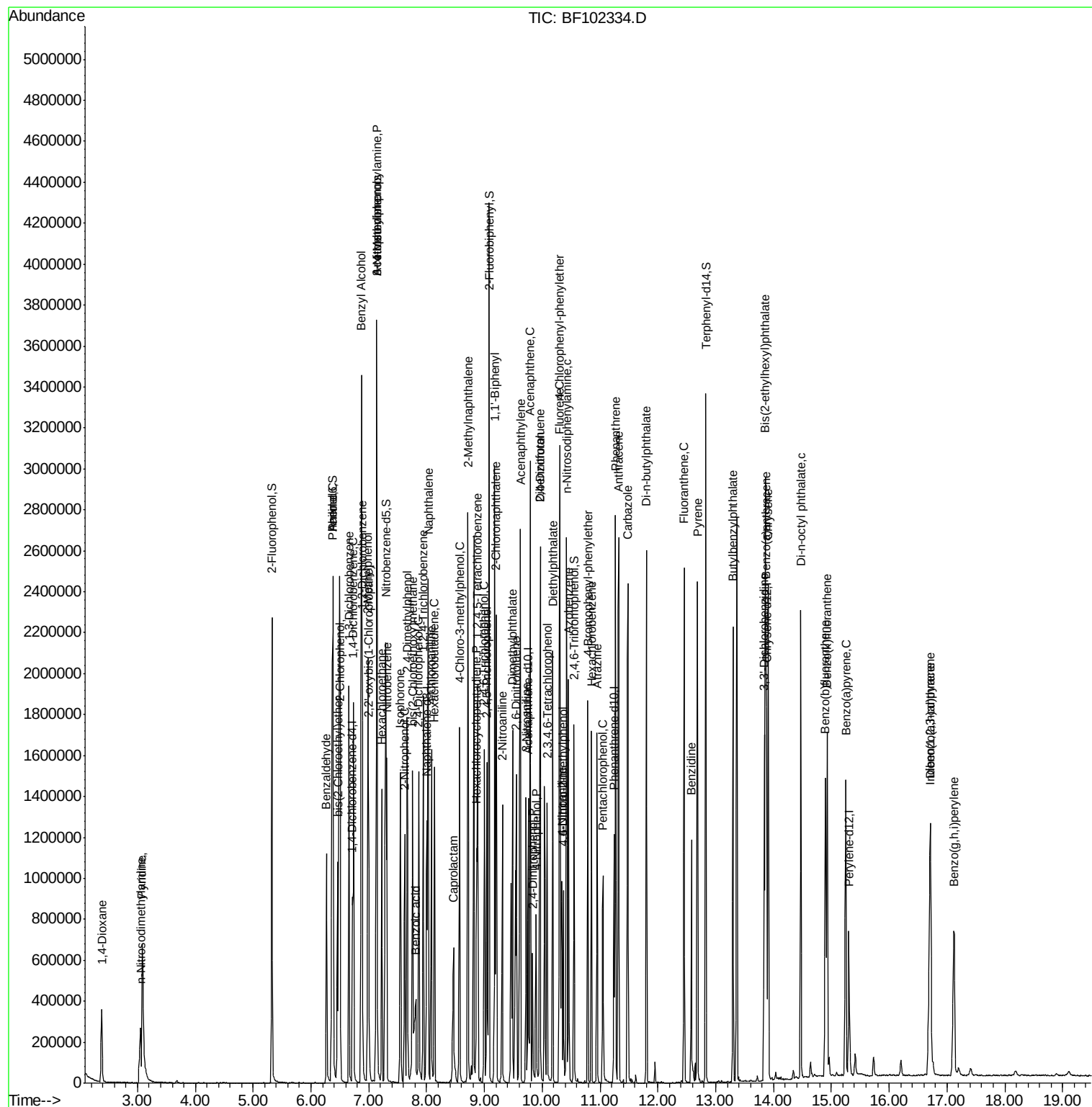
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	215120	40.481	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	246628	41.219	nq	98
45) 1,1'-Biphenyl	9.18	154	940829	39.878	nq	100
46) 2-Chloronaphthalene	9.20	162	725547	39.565	nq	100
47) 2-Nitroaniline	9.31	65	235900	41.261	nq	97
48) Acenaphthylene	9.62	152	1119241	39.176	nq	98
49) Dimethylphthalate	9.49	163	871323	39.952	nq	99
50) 2,6-Dinitrotoluene	9.55	165	186625	39.690	nq	97
51) Acenaphthene	9.79	154	656692	39.357	nq	99
52) 3-Nitroaniline	9.72	138	220025	39.556	nq	96
53) 2,4-Dinitrophenol	9.83	184	79033	39.427	nq	# 20
54) Dibenzofuran	9.96	168	918974	40.695	nq	97
55) 4-Nitrophenol	9.89	139	144815	39.440	nq	93
56) 2,4-Dinitrotoluene	9.96	165	228726	39.556	nq	94
57) Fluorene	10.31	166	733834	41.010	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	173541	40.623	nq	97
59) Diethylphthalate	10.18	149	838832	39.581	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	317704	40.951	nq	98
61) 4-Nitroaniline	10.34	138	221705	39.943	nq	91
62) Azobenzene	10.46	77	768037	39.582	nq	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	129757	43.246	nq	83
65) n-Nitrosodiphenylamine	10.42	169	670345	40.610	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	202042	41.733	nq	98
67) Hexachlorobenzene	10.85	284	221026	40.821	nq	97
68) Atrazine	10.95	200	196834	40.374	nq	99
69) Pentachlorophenol	11.05	266	113991	40.077	nq	98
70) Phenanthrene	11.27	178	1034574	39.477	nq	99
71) Anthracene	11.32	178	1061130	39.670	nq	100
72) Carbazole	11.48	167	1031059	39.510	nq	100
73) Di-n-butylphthalate	11.80	149	1306490	40.053	nq	100
74) Fluoranthene	12.46	202	1049080	39.255	nq	97
76) Benzidine	12.58	184	433304	37.328	nq	99
77) Pyrene	12.69	202	1068142	39.981	nq	100
79) Butylbenzylphthalate	13.30	149	546476	41.103	nq	95
80) Benzo(a)anthracene	13.87	228	845372	39.738	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	321247	41.164	nq	98
82) Chrysene	13.91	228	851798	39.429	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	736775	41.236	nq	# 99
84) Di-n-octyl phthalate	14.47	149	1184200	40.754	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	684558	38.369	nq	99
87) Benzo(b)fluoranthene	14.90	252	811112	42.239	nq	100
88) Benzo(k)fluoranthene	14.93	252	691076	38.092	nq	97
89) Benzo(a)pyrene	15.25	252	698655	40.341	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	552727	39.399	nq	98
91) Benzo(g,h,i)perylene	17.13	276	555210	40.081	nq	98

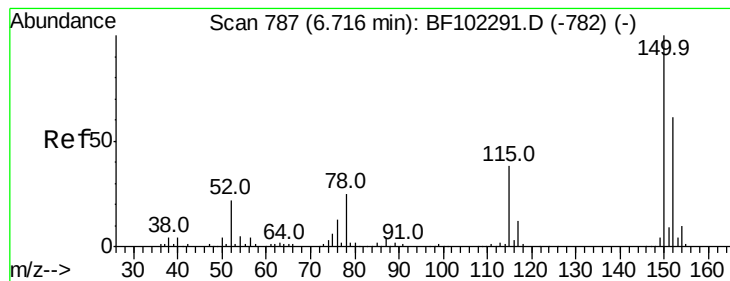
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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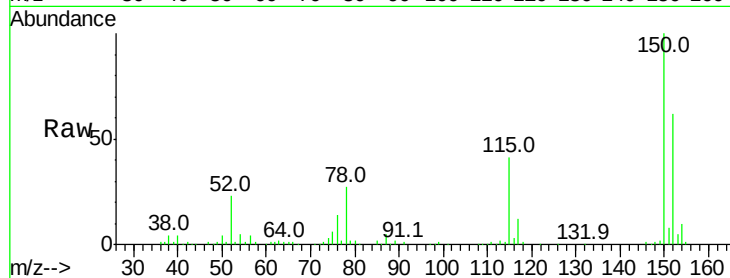


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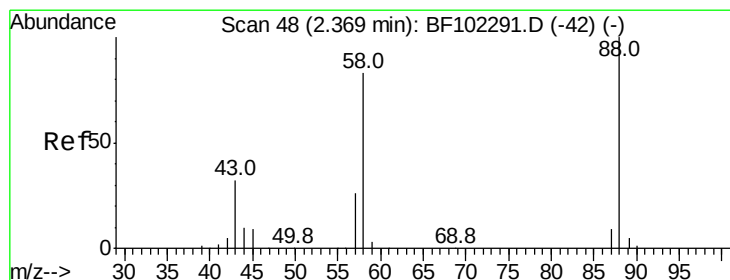
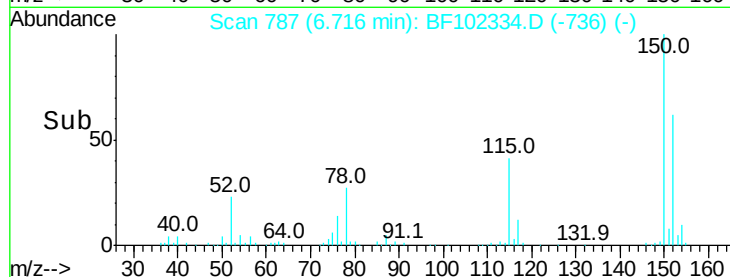
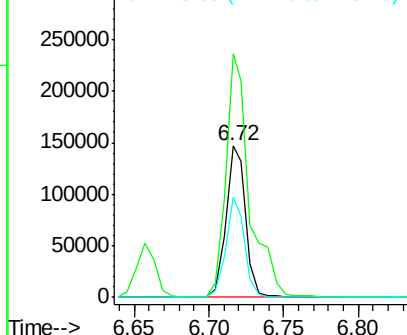
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136723
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 66.1 50.1 75.1



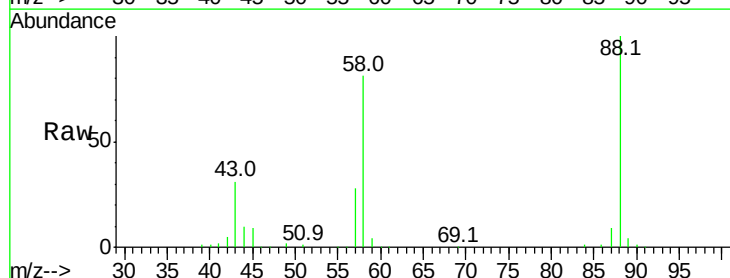
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



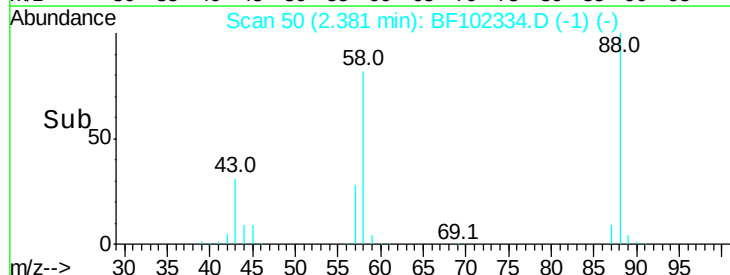
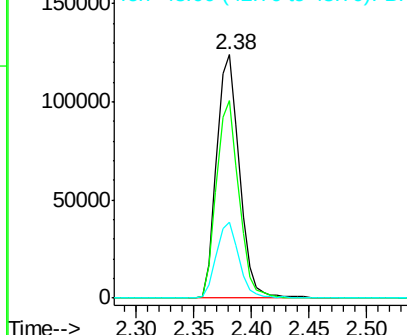
#2

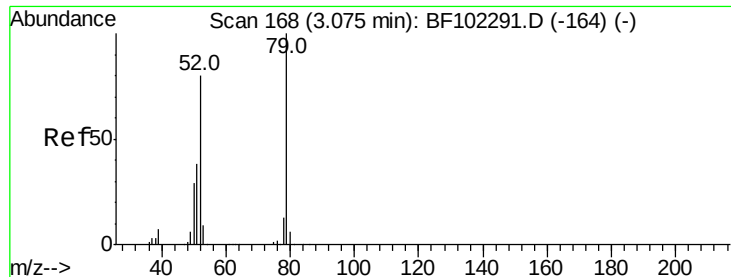
1,4-Dioxane
Concen: 39.759 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion: 88 Resp: 170339
Ion Ratio Lower Upper
88 100
58 79.7 62.6 93.8
43 31.2 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: 40.875 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampled :

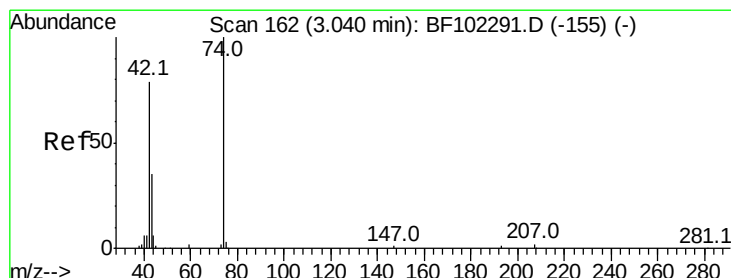
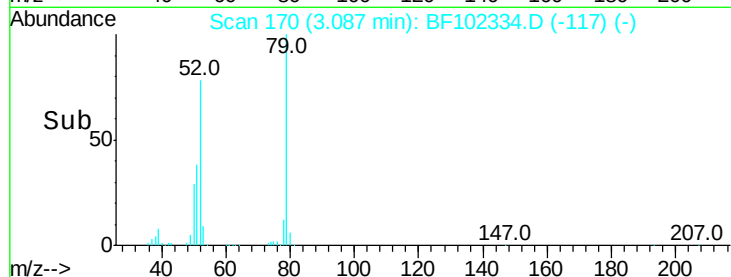
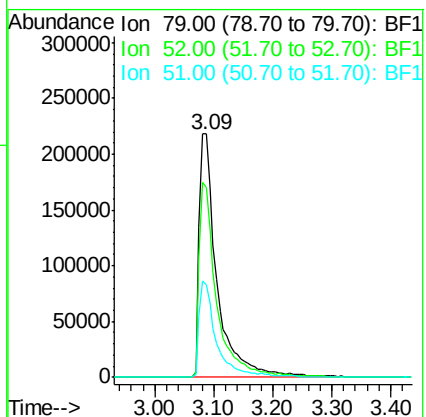
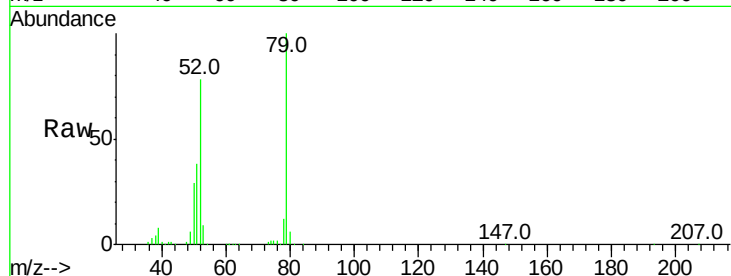
Tot Ion: 79 Resp: 457646

Ion Ratio Lower Upper

79 100

52 77.8 59.8 89.6

51 38.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 40.948 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

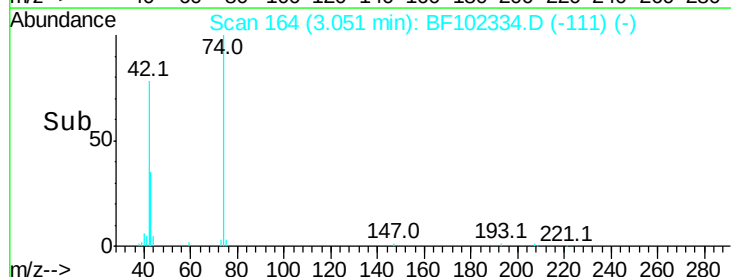
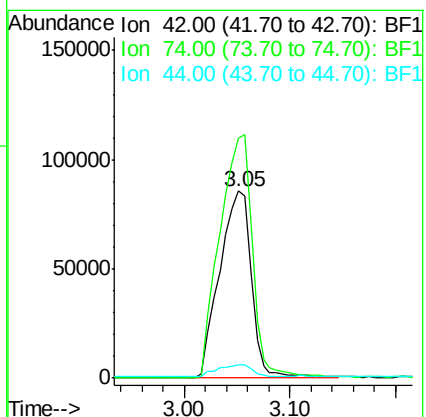
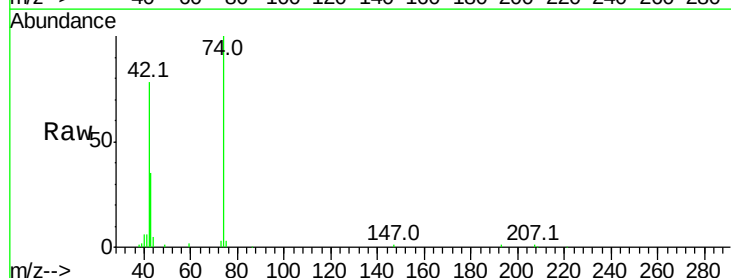
Tgt Ion: 42 Resp: 179734

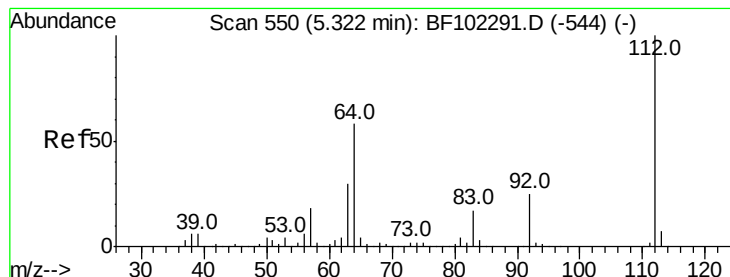
Ion Ratio Lower Upper

42 100

74 128.4 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 80.482 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :
BNA_F
ClientSampled :

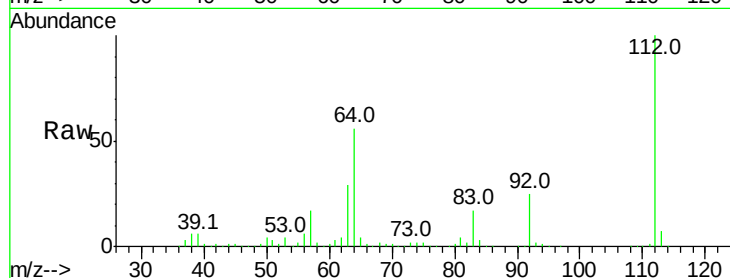
Tot Ion:112 Resp: 725719

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

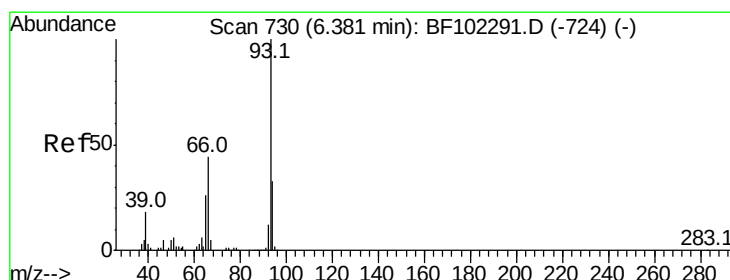
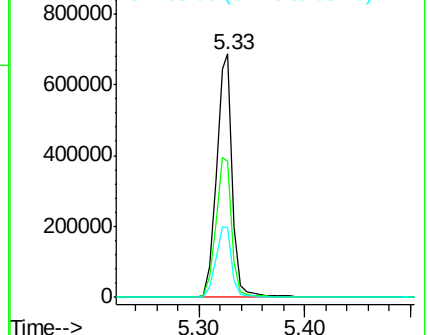
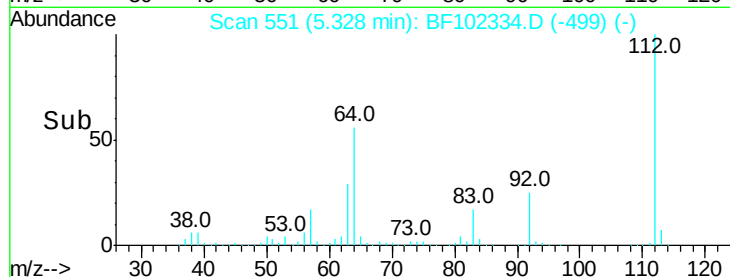
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.689 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

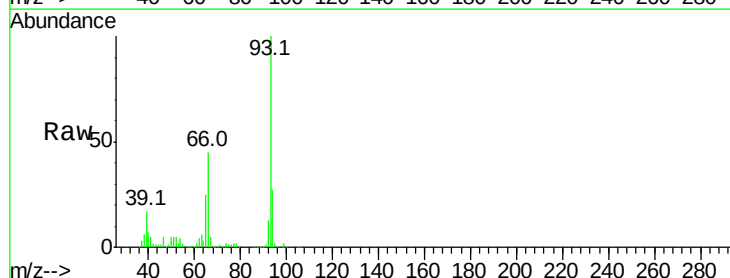
Tgt Ion: 93 Resp: 570684

Ion Ratio Lower Upper

93 100

66 45.0 32.2 48.2

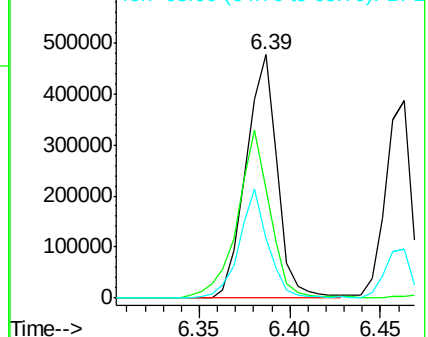
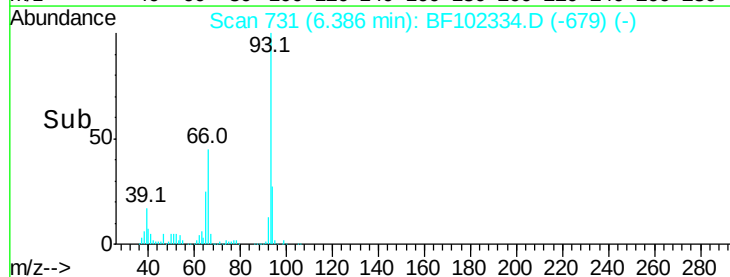
65 24.5 16.4 24.6

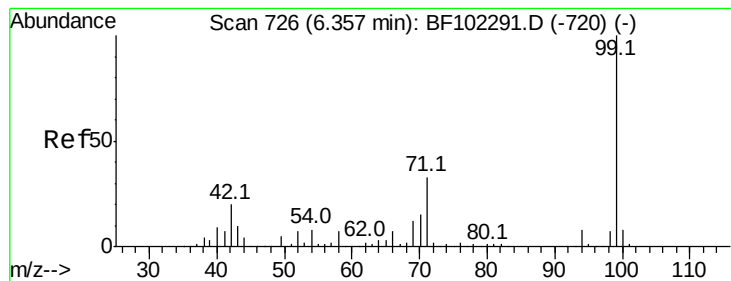


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.991 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

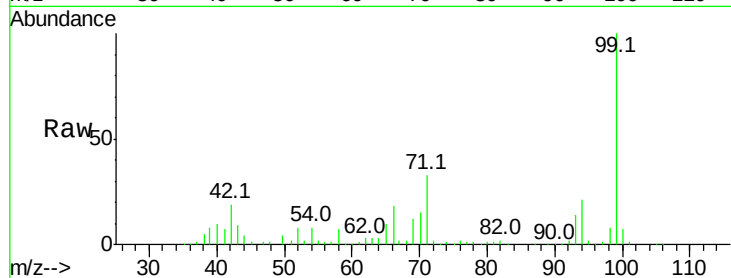
Tot Ion: 99 Resp: 869582

Ion Ratio Lower Upper

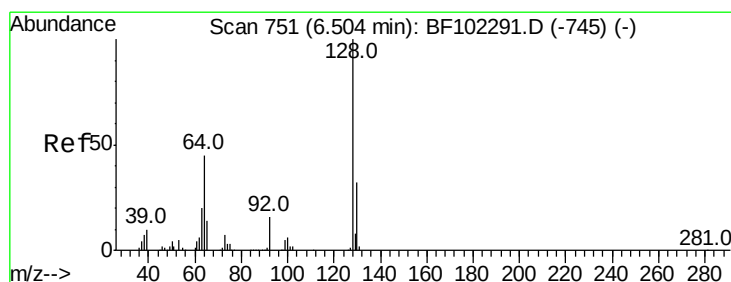
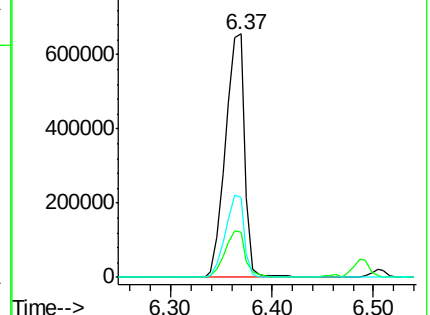
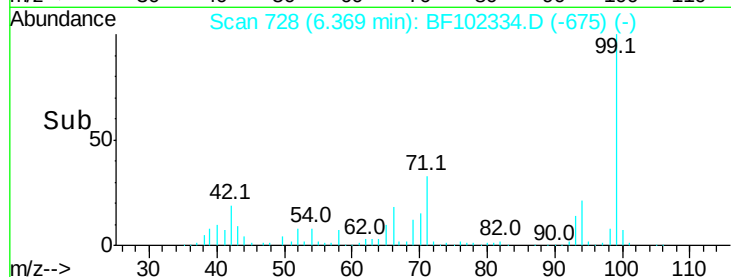
99 100

42 18.8 14.5 21.7

71 32.6 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: 41.319 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

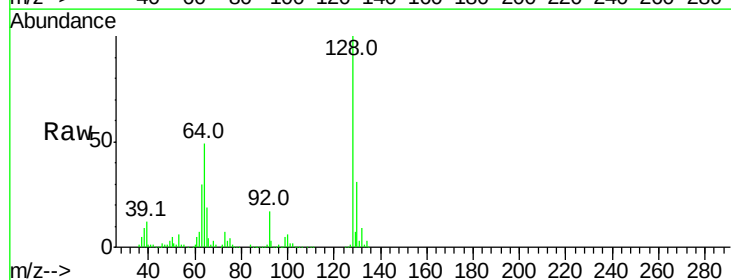
Tgt Ion: 128 Resp: 390556

Ion Ratio Lower Upper

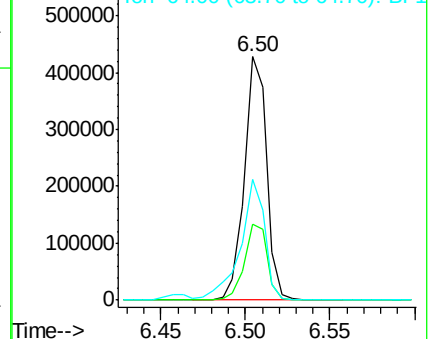
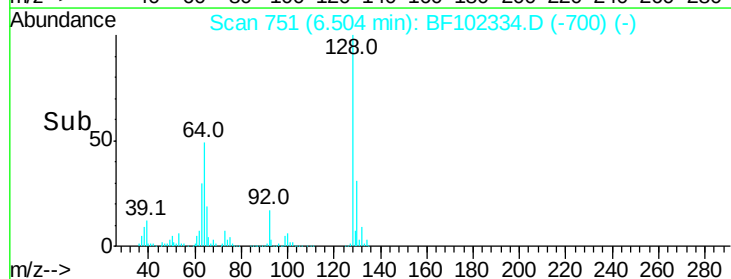
128 100

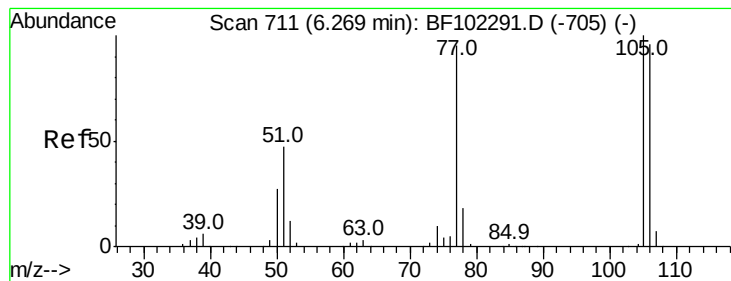
130 31.2 13.0 53.0

64 49.4 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: 40.436 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

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ClientSampleId :

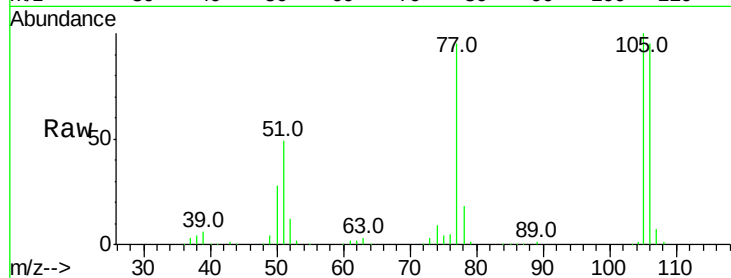
Tot Ion: 77 Resp: 243026

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

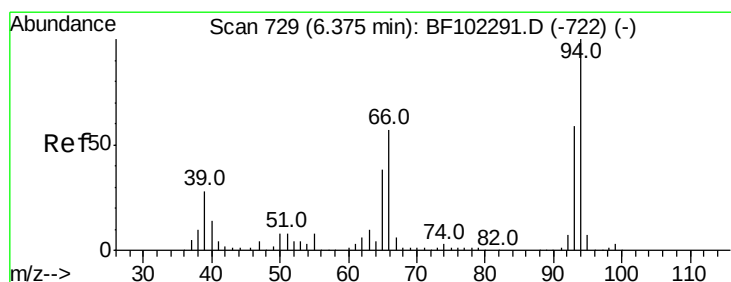
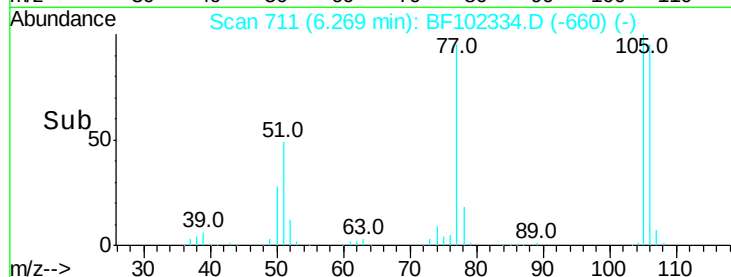
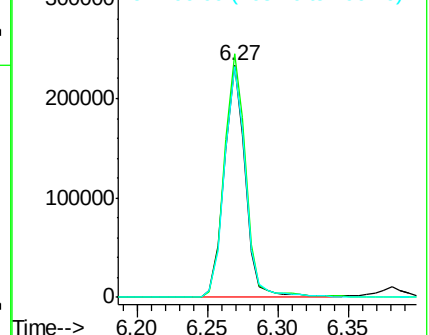
106 99.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.932 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

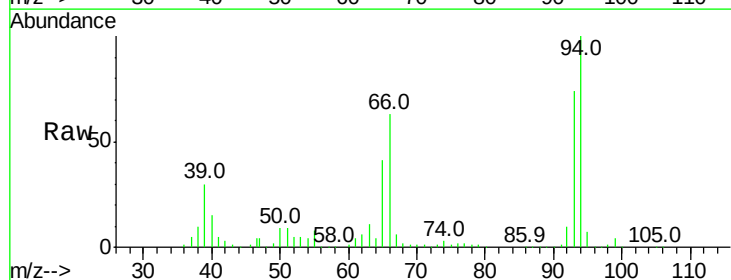
Tgt Ion: 94 Resp: 462046

Ion Ratio Lower Upper

94 100

65 40.5 7.9 47.9

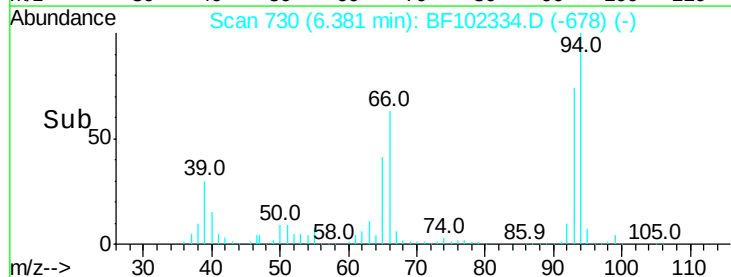
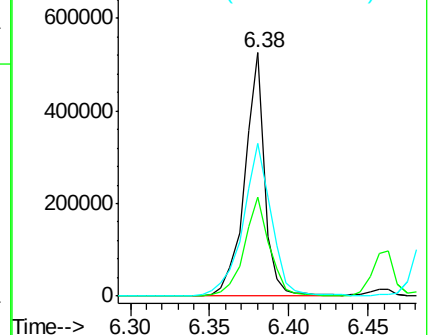
66 62.7 16.2 56.2#

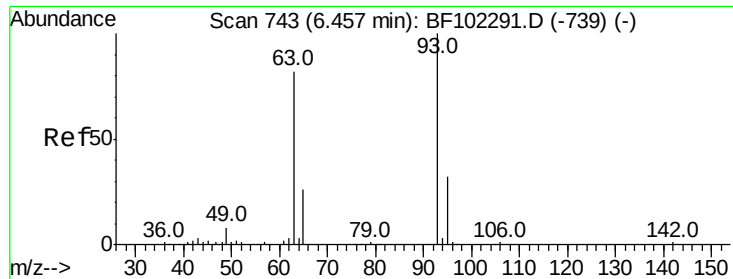


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.045 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

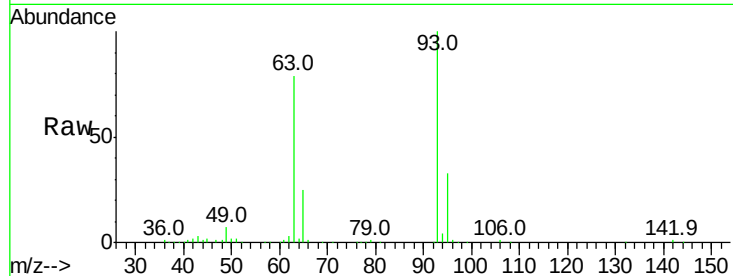
Tot Ion: 93 Resp: 370491

Ion Ratio Lower Upper

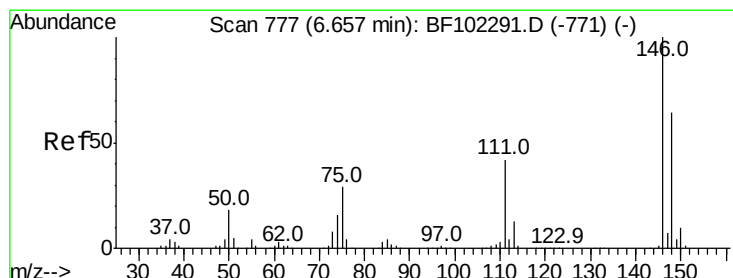
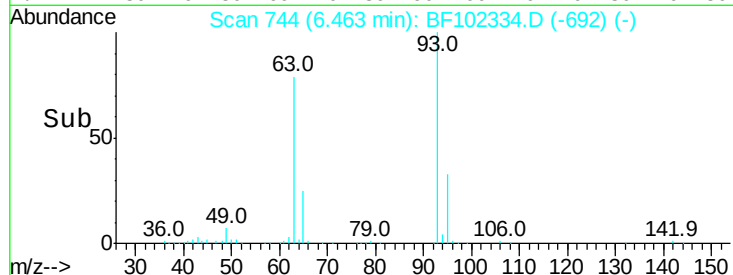
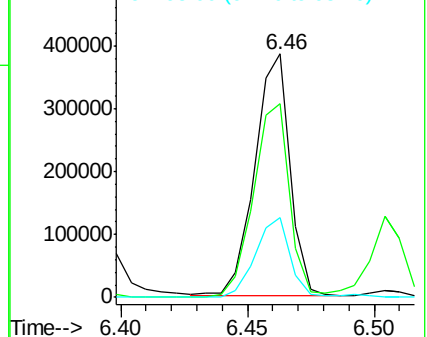
93 100

63 79.4 58.6 98.6

95 32.6 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 40.260 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

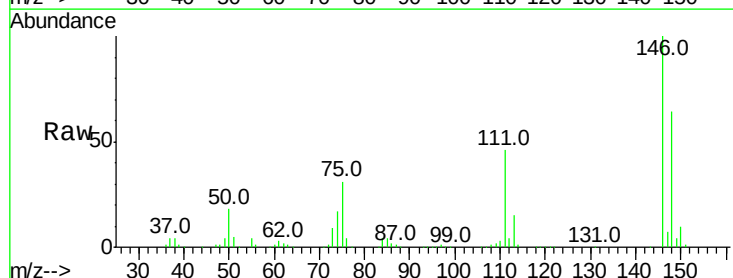
Tgt Ion: 146 Resp: 452586

Ion Ratio Lower Upper

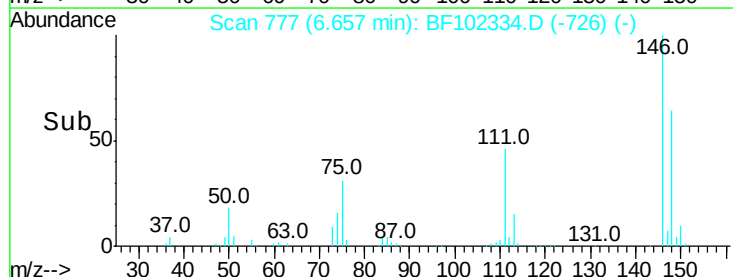
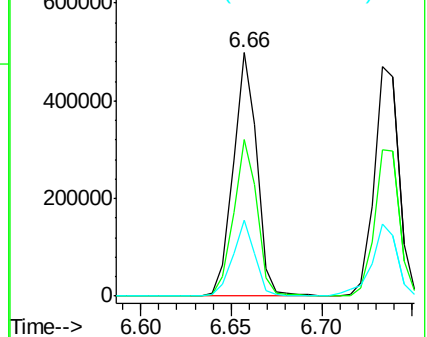
146 100

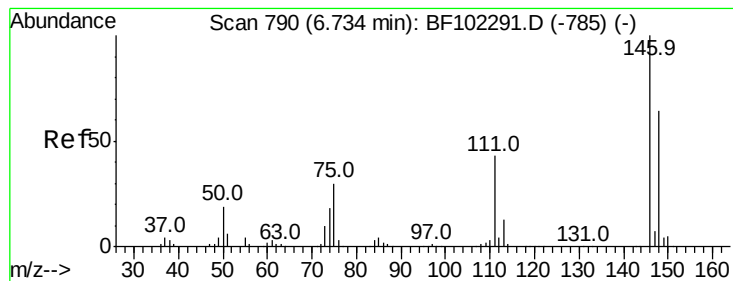
148 64.5 51.8 77.8

75 31.3 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 40.286 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

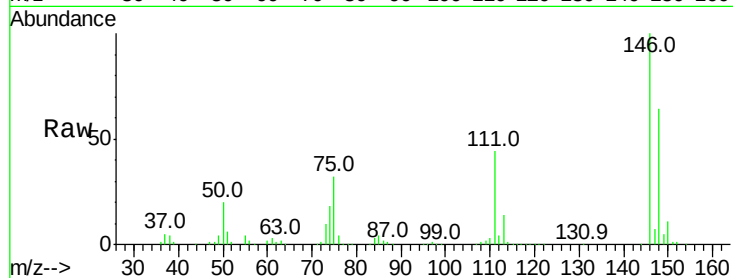
Tot Ion:146 Resp: 453654

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

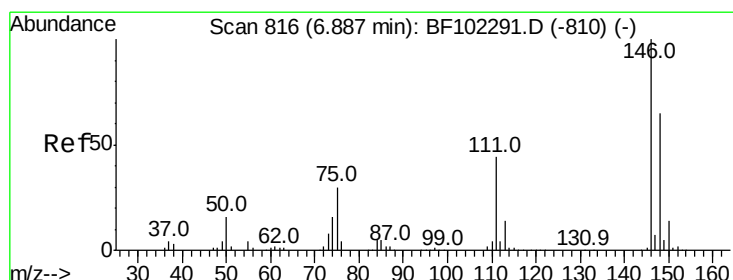
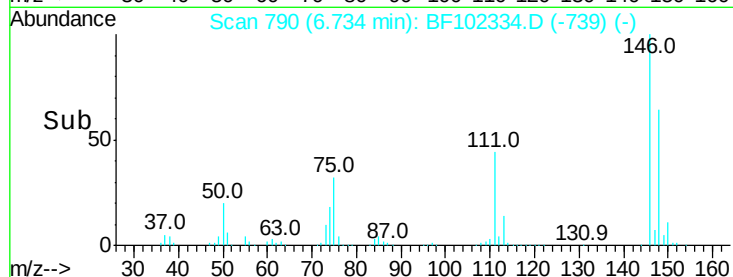
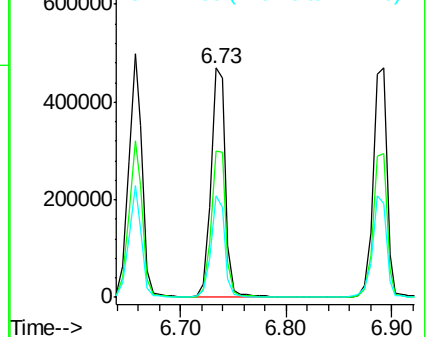
111 44.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.116 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

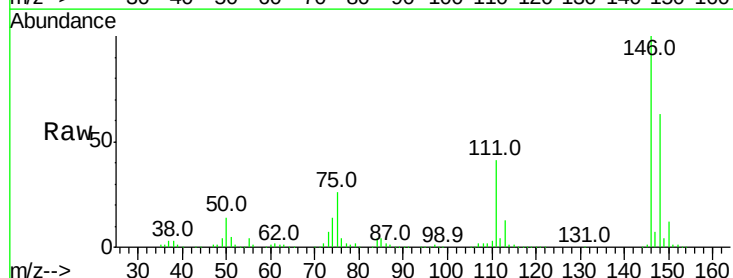
Tgt Ion:146 Resp: 423509

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

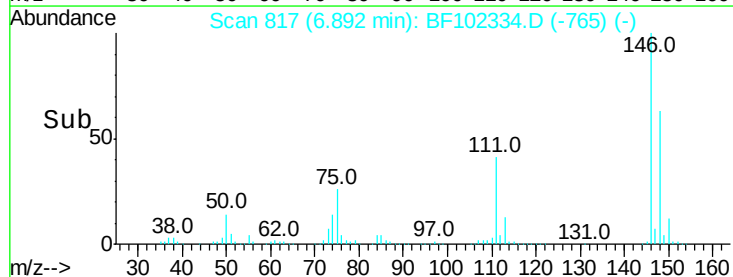
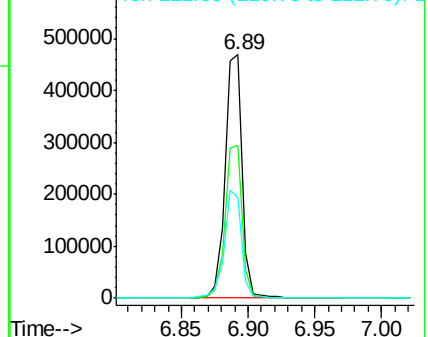
111 41.3 36.0 54.0

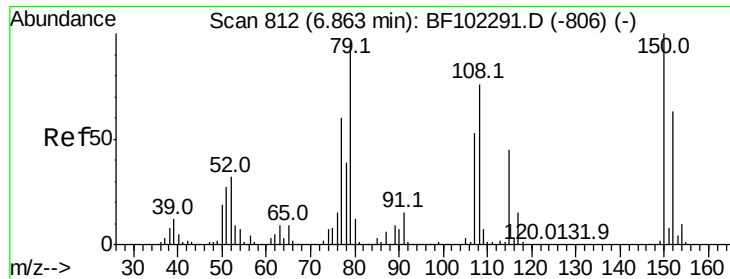


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

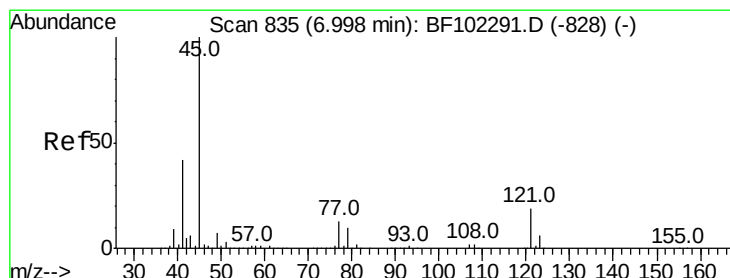
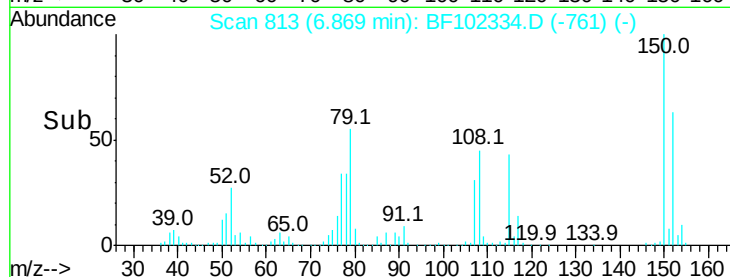
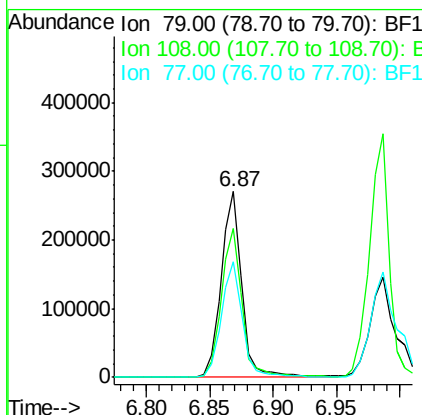
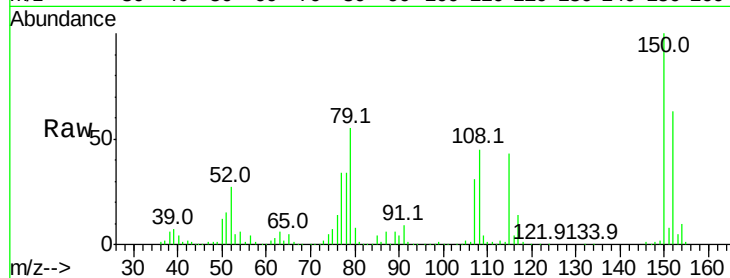




#15
Benzyl Alcohol
Concen: 40.135 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

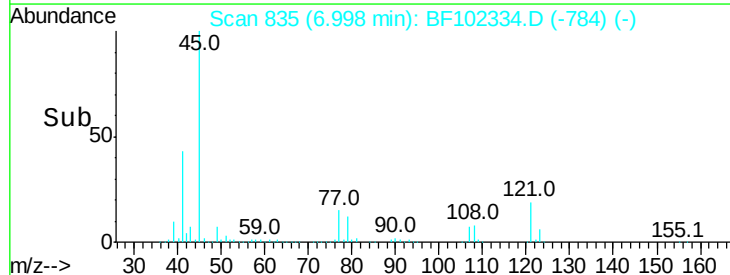
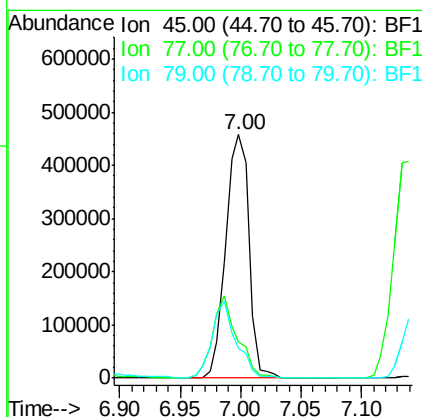
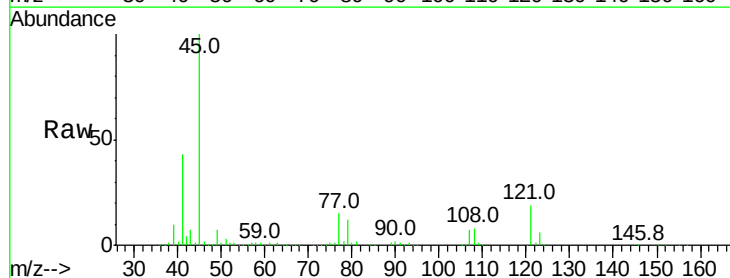
Instrument :
BNA_F
ClientSampled :

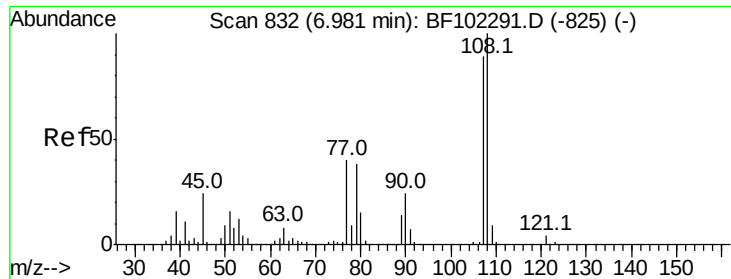
Tot Ion: 79 Resp: 307847
Ion Ratio Lower Upper
79 100
108 80.5 65.1 97.7
77 62.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.313 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion: 45 Resp: 610300
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.9
79 12.2 0.0 29.6

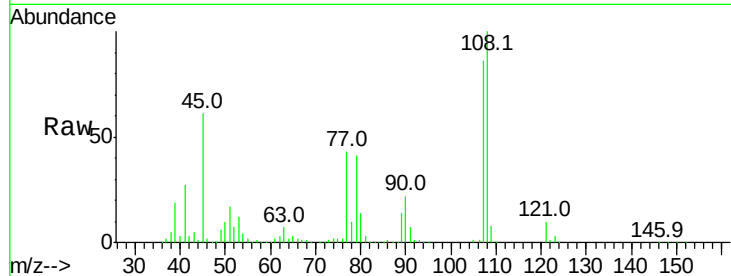




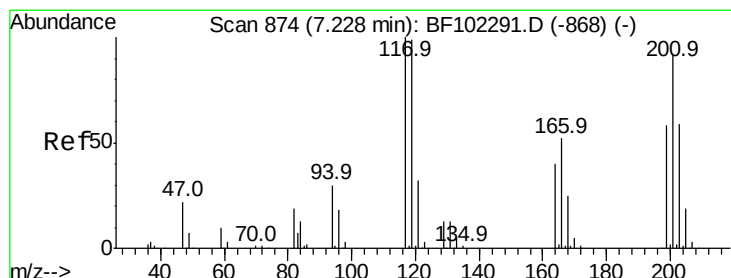
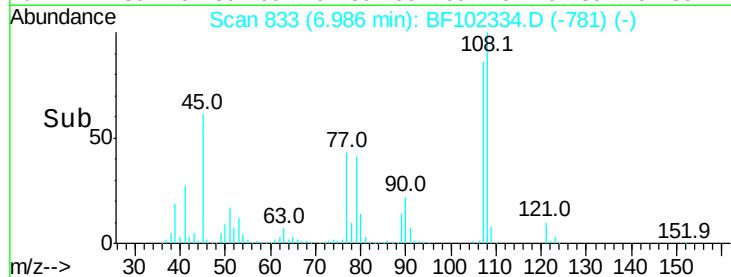
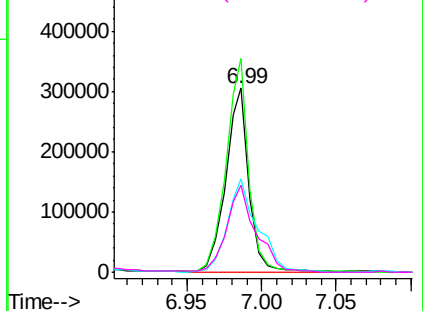
#17
2-Methylphenol
Concen: 40.182 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 329863
Ion Ratio Lower Upper
107 100
108 116.0 91.7 137.5
77 50.5 33.8 50.8
79 47.6 33.8 50.8

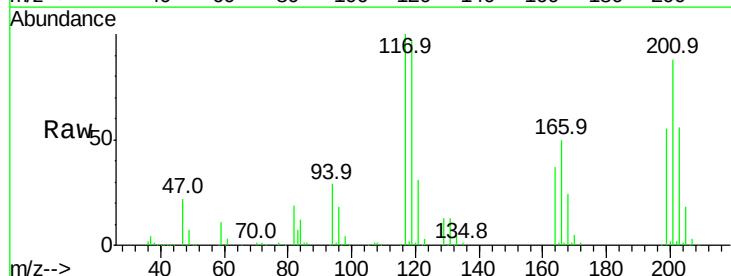


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

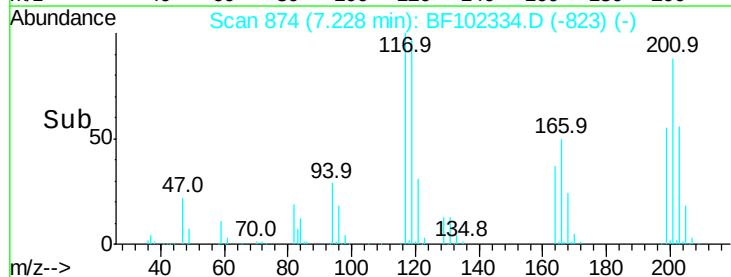
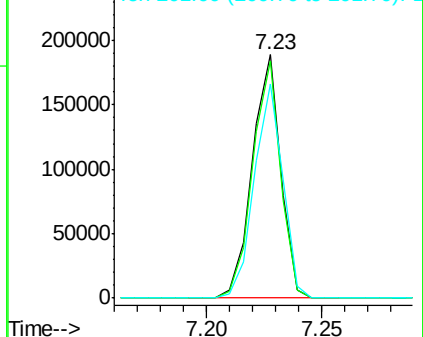


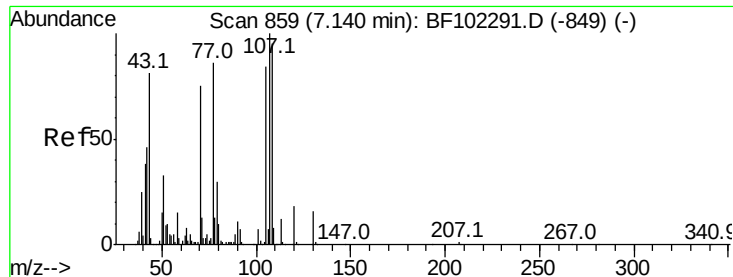
#18
Hexachloroethane
Concen: 41.311 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion:117 Resp: 162106
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 87.8 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

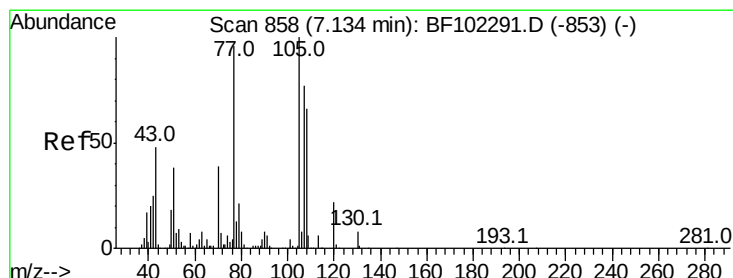
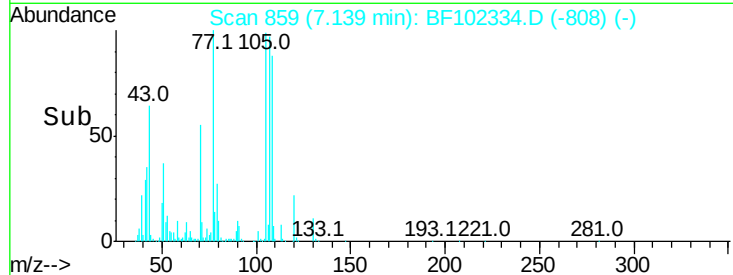
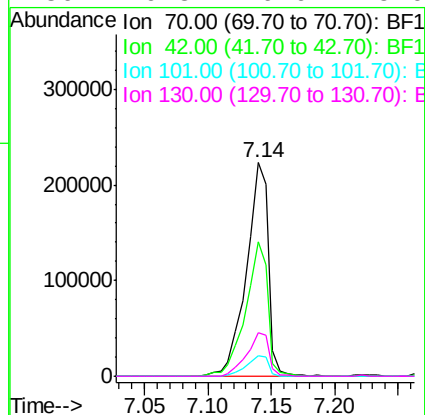
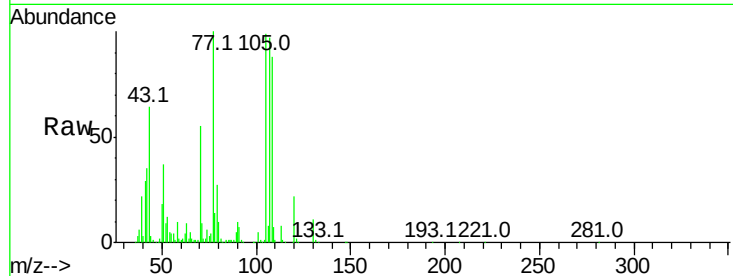




#19
n-Nitroso-di-n-propylamine
Concen: 40.432 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

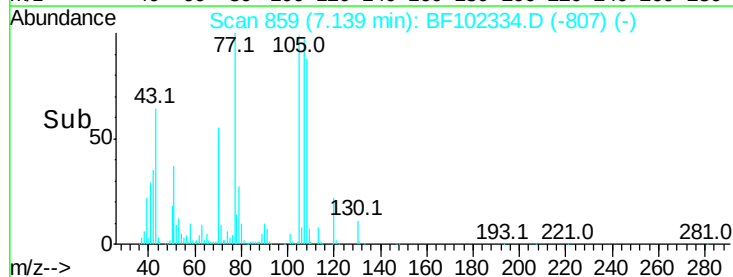
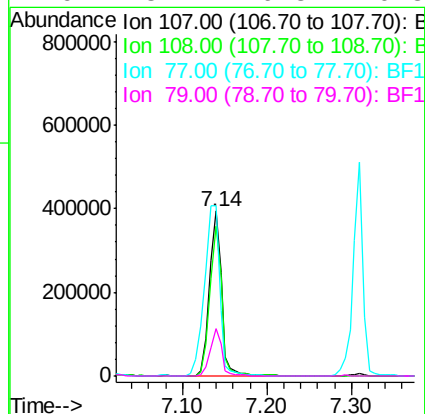
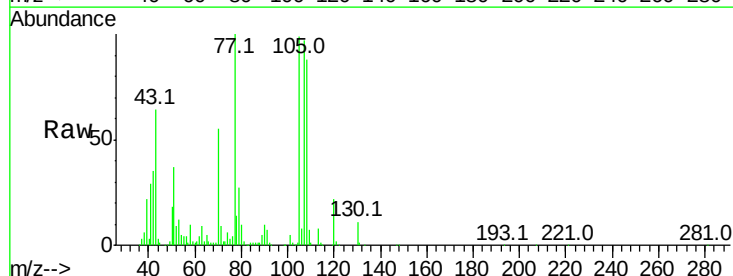
Instrument :
BNA_F
ClientSampleId :

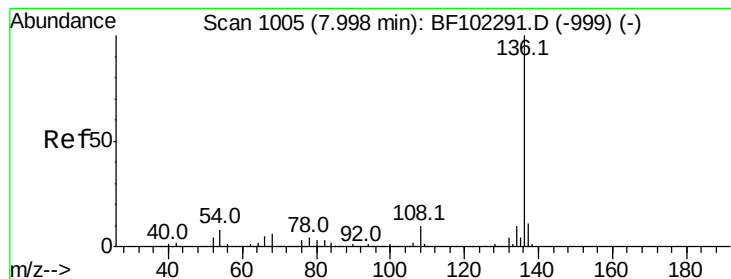
Tot Ion: 70 Resp: 268986
Ion Ratio Lower Upper
70 100
42 63.2 47.5 71.3
101 9.6 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.157 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion:107 Resp: 397370
Ion Ratio Lower Upper
107 100
108 91.0 68.2 108.2
77 103.4 26.7 66.7#
79 28.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 583961

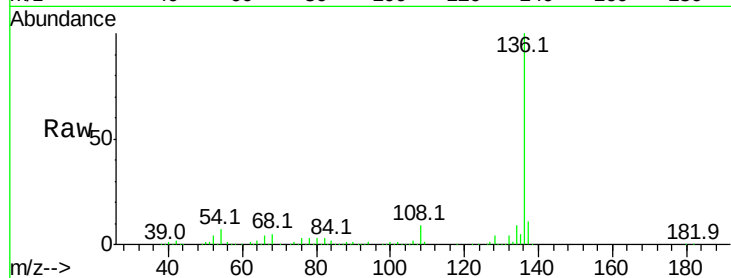
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.5 6.6 9.8

68 5.3 5.0 7.4

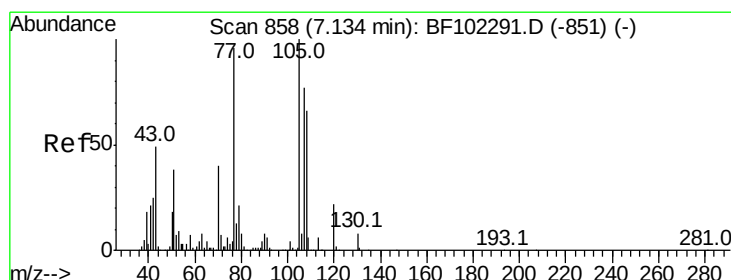
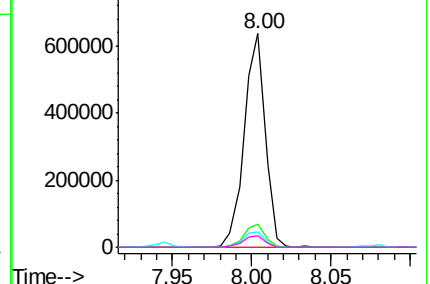
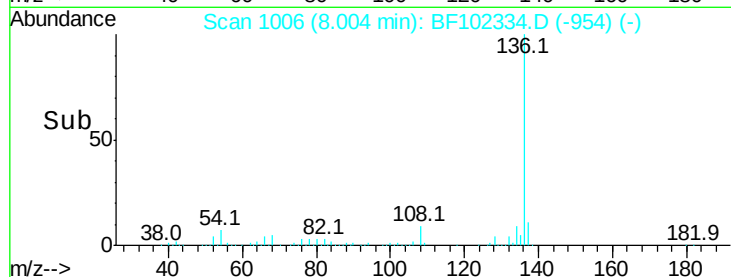


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.076 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Tgt Ion:105 Resp: 543961

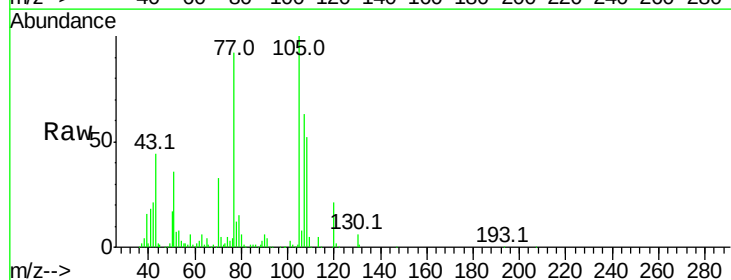
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 35.9 22.3 33.5#

120 21.2 16.9 25.3

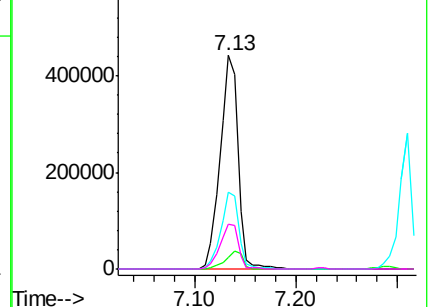
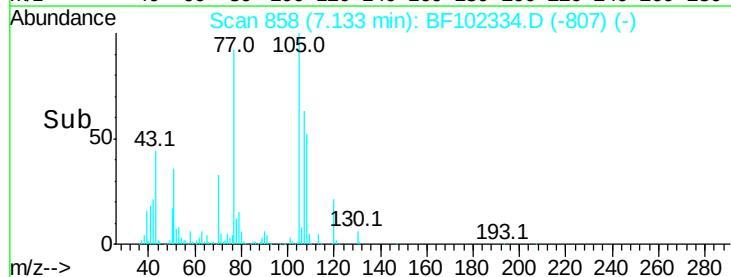


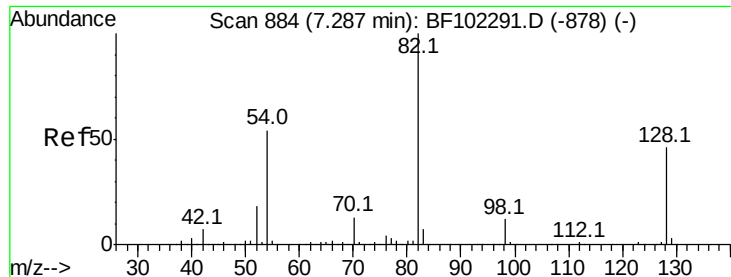
Abundance Ion 105.00 (104.70 to 105.70): E

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

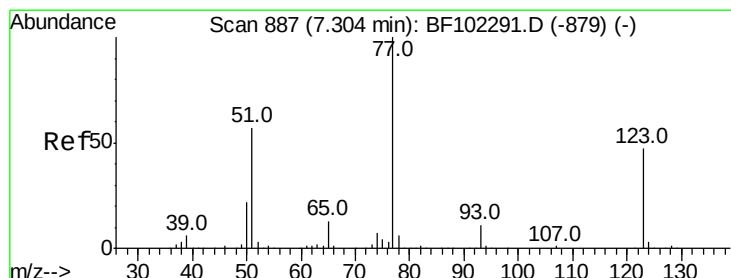
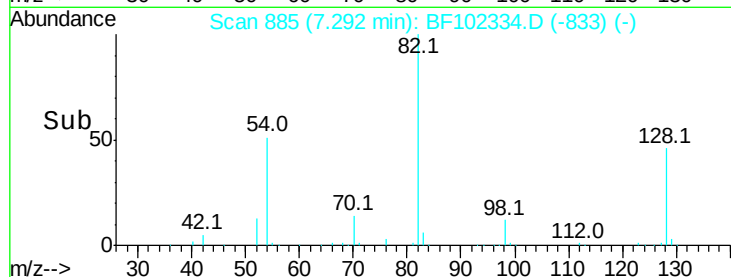
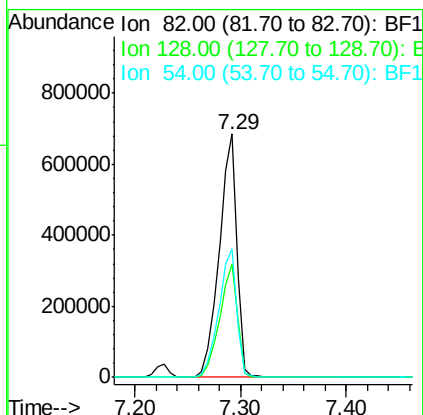
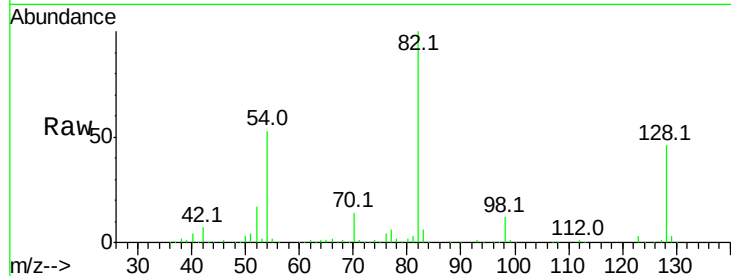




#23
Nitrobenzene-d5
Concen: 79.245 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

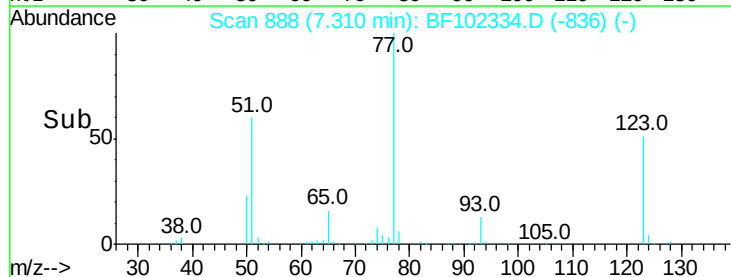
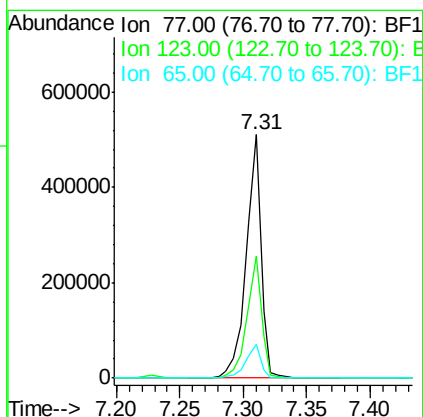
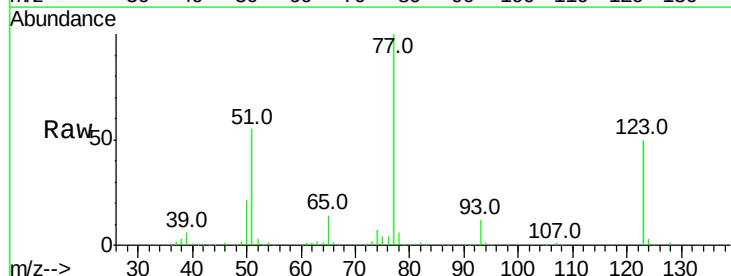
Instrument :
BNA_F
ClientSampleId :

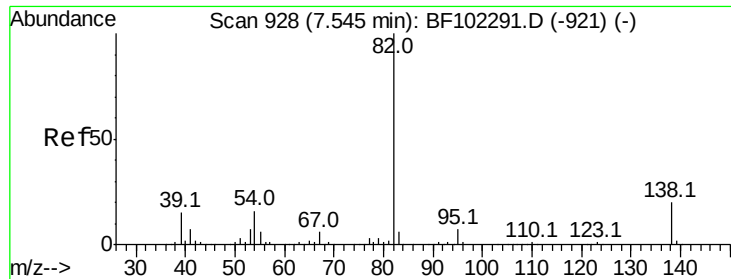
Tot Ion: 82 Resp: 805262
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 53.0 41.4 62.2



#24
Nitrobenzene
Concen: 39.720 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion: 77 Resp: 413055
Ion Ratio Lower Upper
77 100
123 50.1 37.9 56.9
65 13.9 11.0 16.4





#25

Isophorone

Concen: 40.308 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

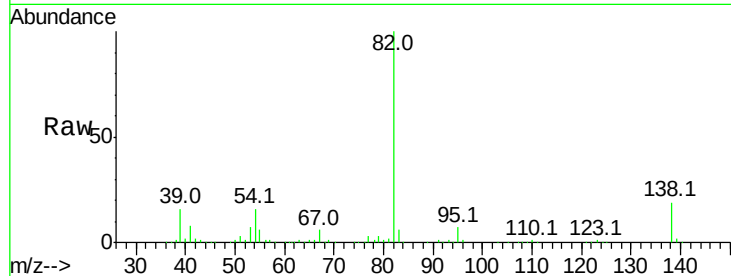
Tot Ion: 82 Resp: 730205

Ion Ratio Lower Upper

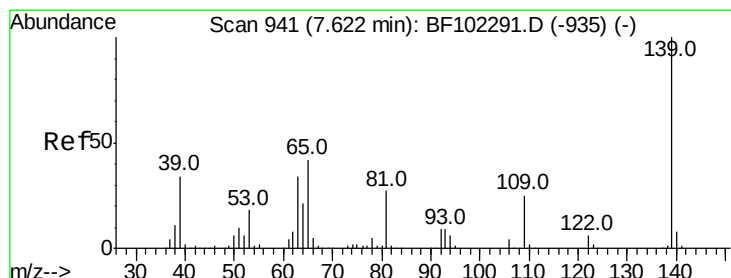
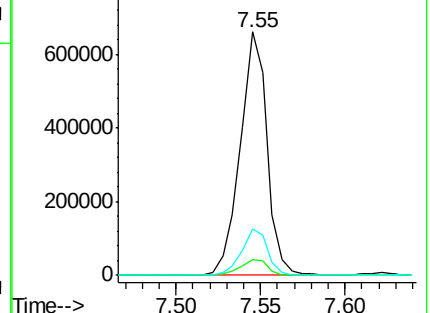
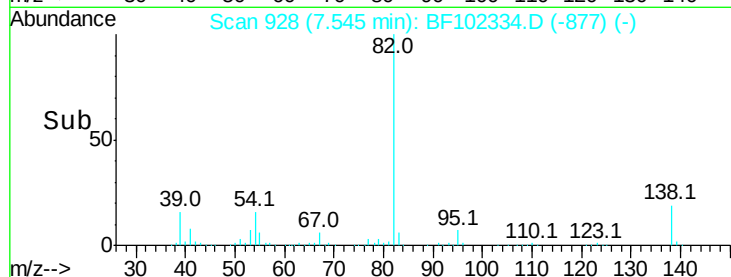
82 100

95 6.6 5.2 7.8

138 19.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.235 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

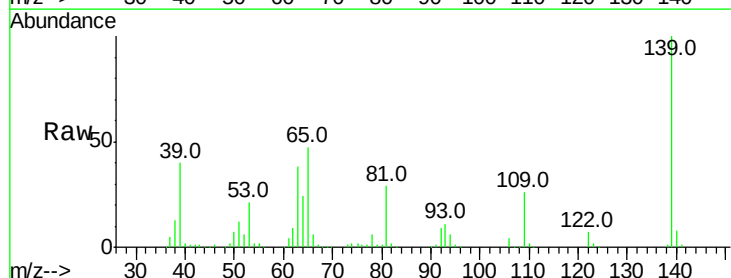
Tgt Ion: 139 Resp: 225690

Ion Ratio Lower Upper

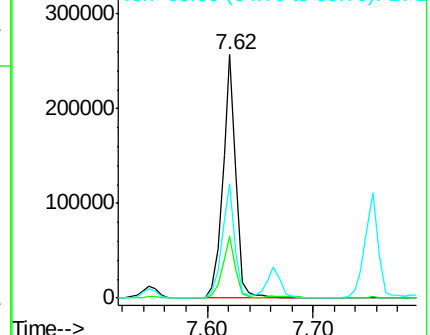
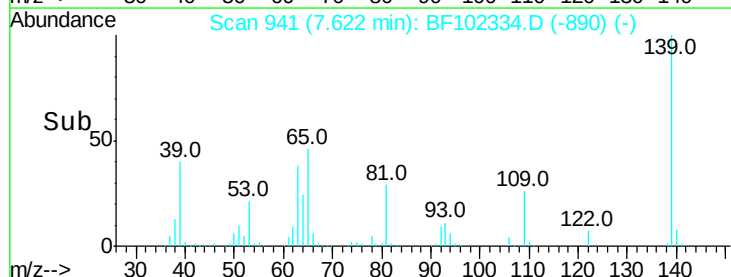
139 100

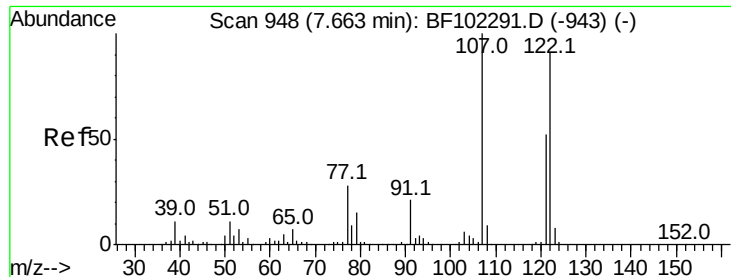
109 25.6 22.7 34.1

65 46.8 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 39.835 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

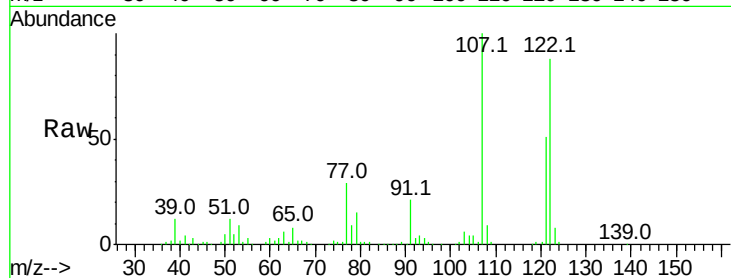
Tot Ion:122 Resp: 316584

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

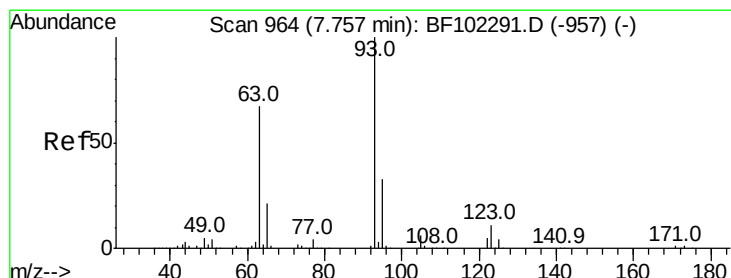
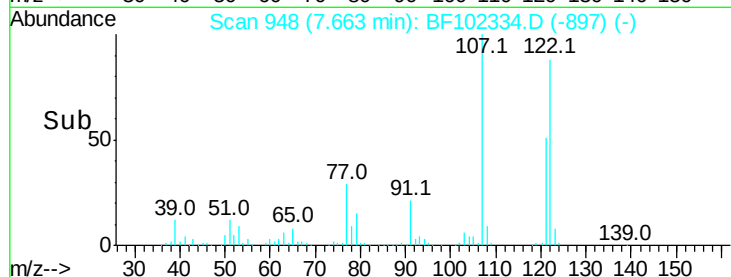
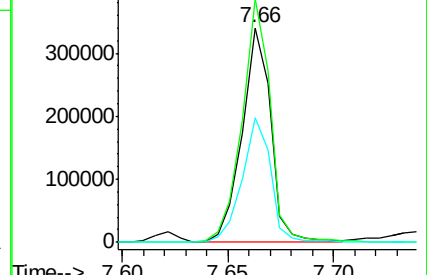
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.117 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

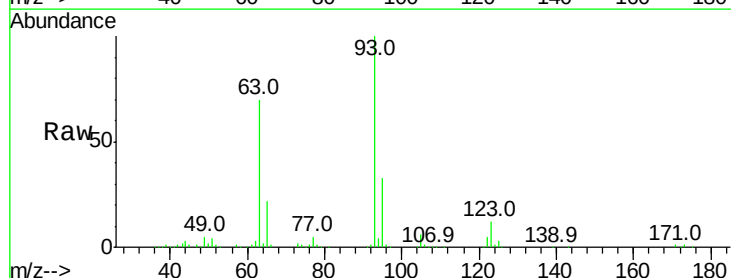
Tgt Ion: 93 Resp: 448940

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

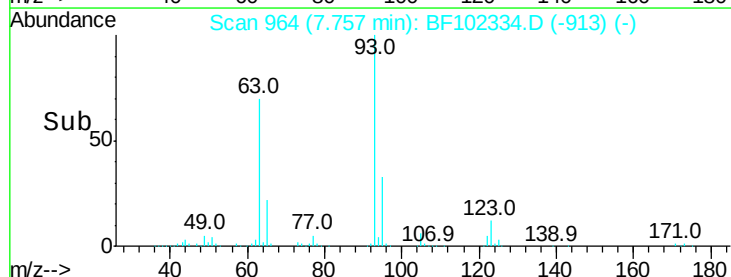
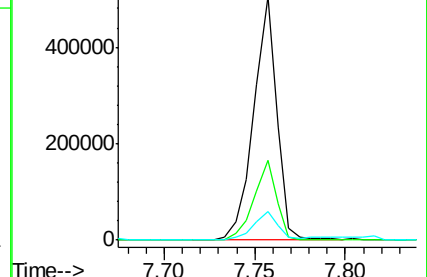
123 11.8 9.8 14.6

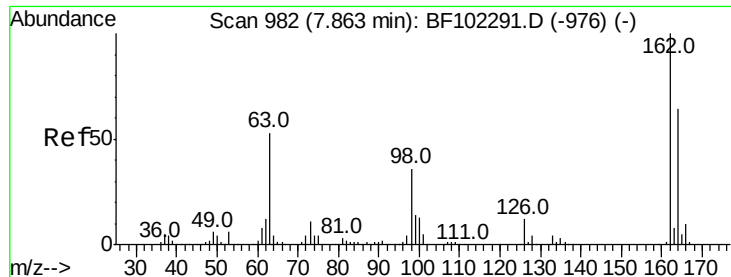


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

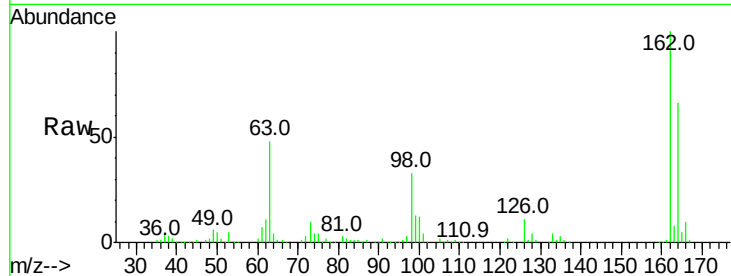




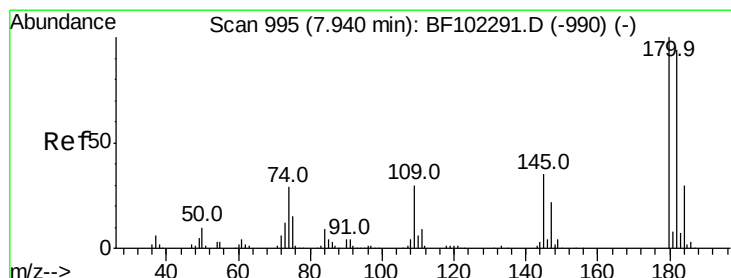
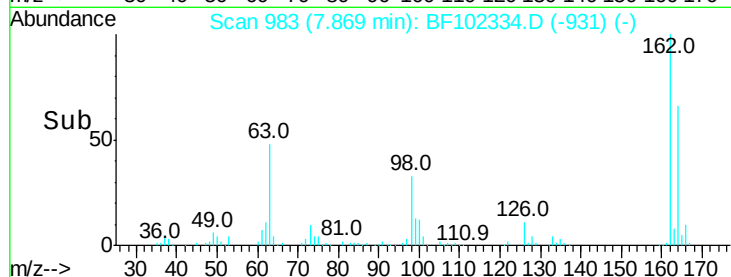
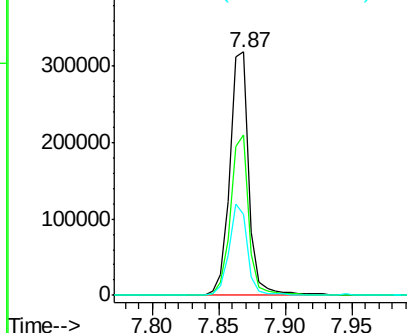
#29
 2,4-Dichlorophenol
 Concen: 40.183 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	42.7	82.7
98	33.4	18.1	58.1

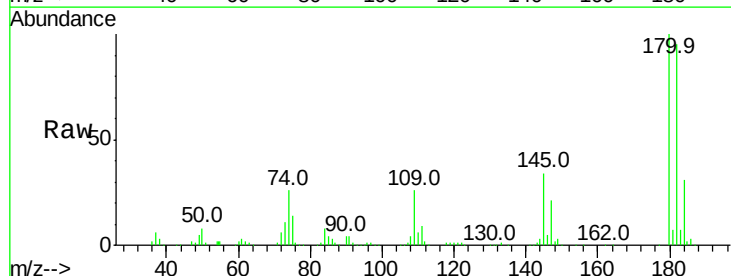


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

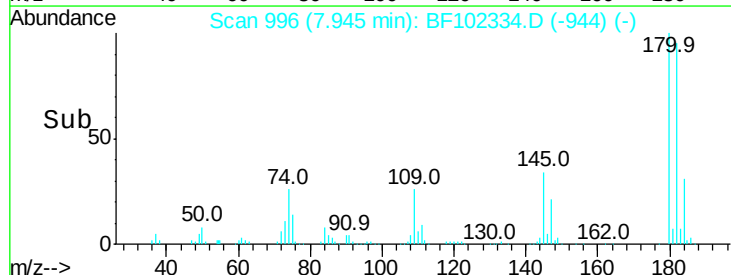
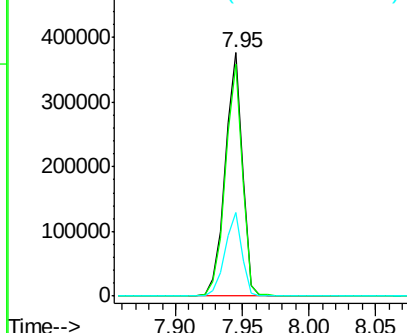


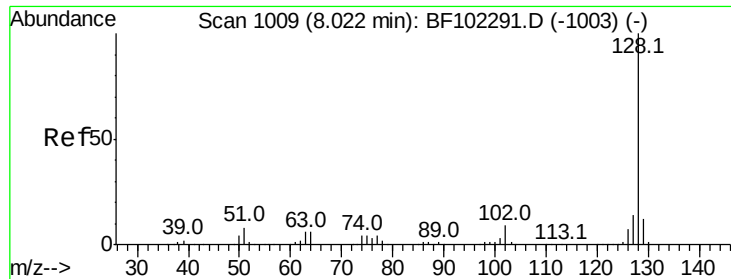
#30
 1,2,4-Trichlorobenzene
 Concen: 39.725 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	34.3	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

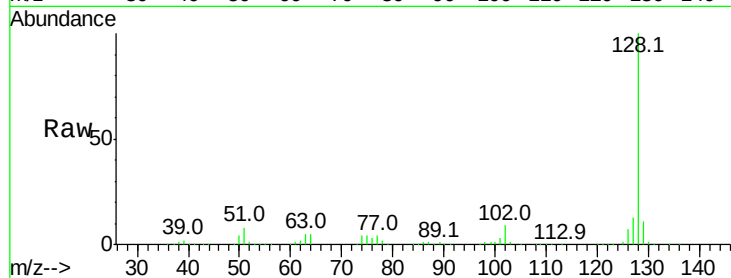




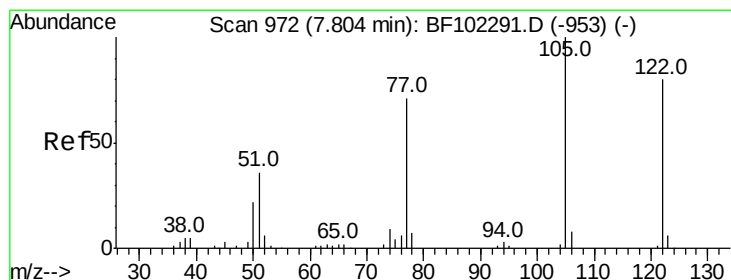
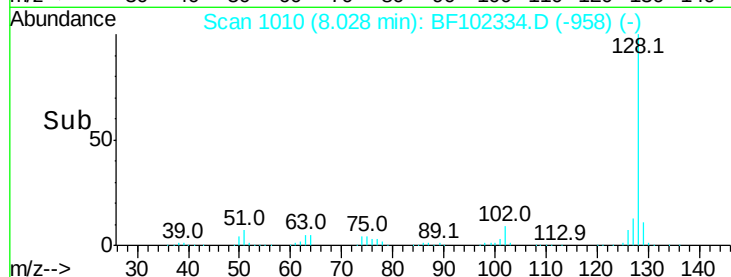
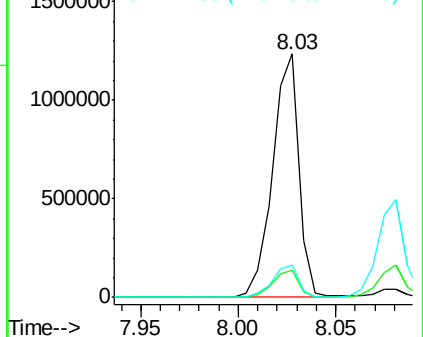
#31
Naphthalene
Concen: 39.410 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1149048
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3

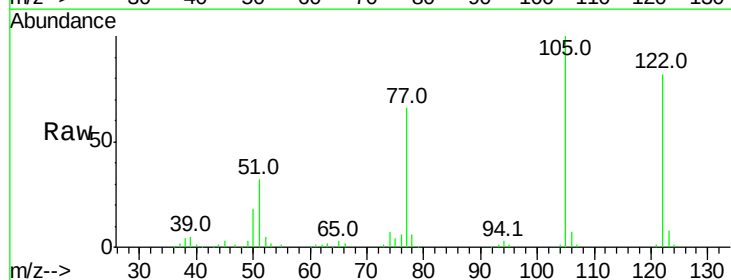


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

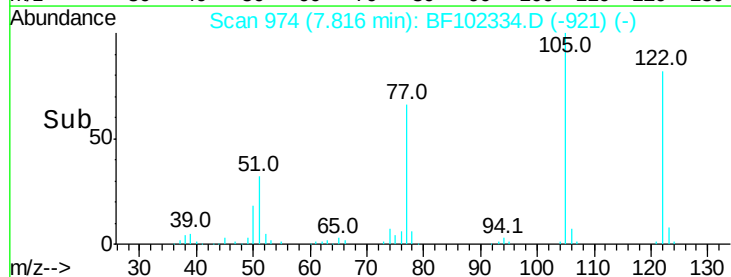
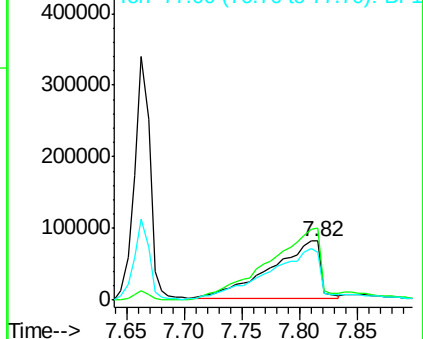


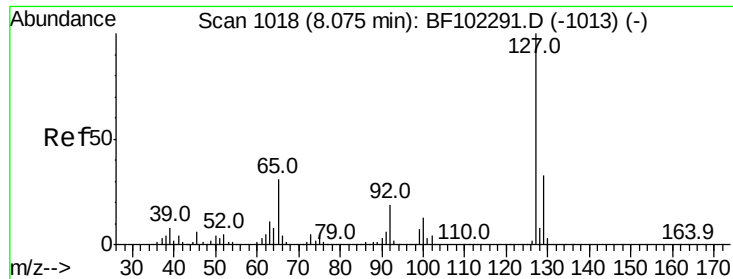
#32
Benzoic acid
Concen: 36.282 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion:122 Resp: 241584
Ion Ratio Lower Upper
122 100
105 121.8 101.1 141.1
77 80.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

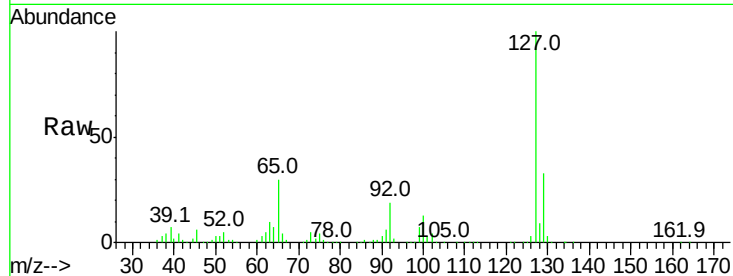




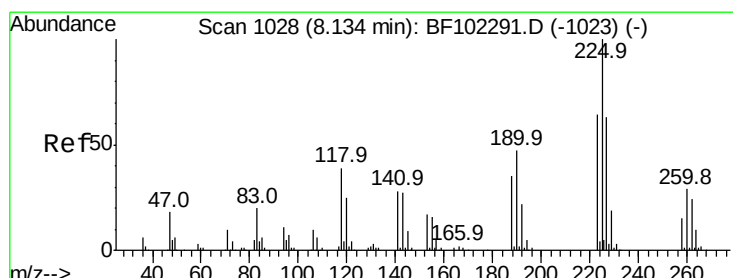
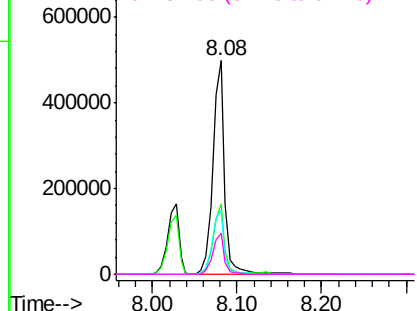
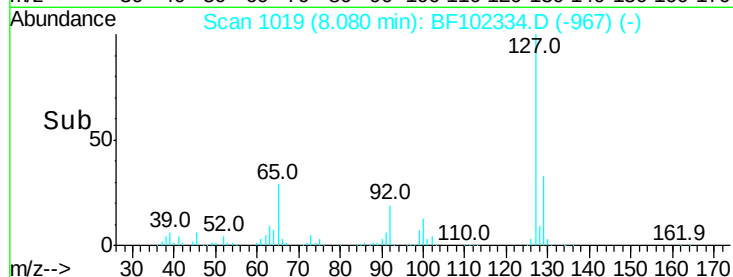
#33
4-Chloroaniline
Concen: 39.777 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	487695
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	29.7	25.0	37.4
92	18.9	15.2	22.8

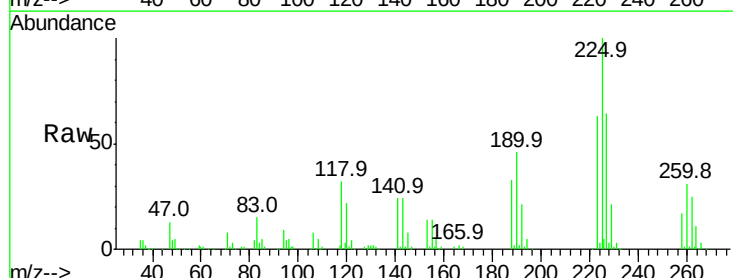


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

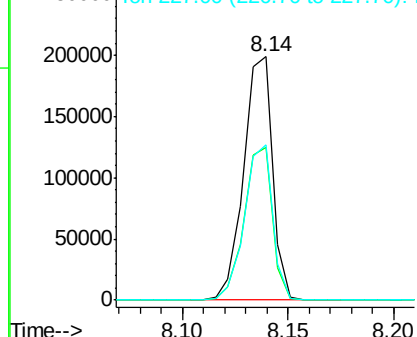
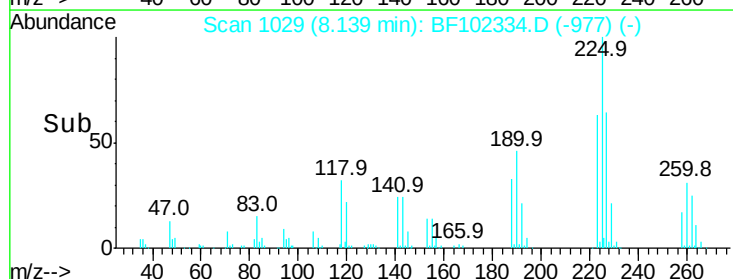


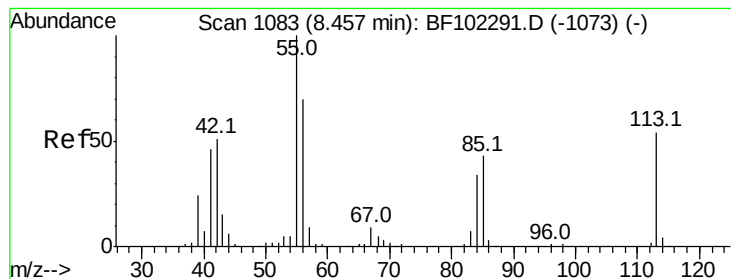
#34
Hexachlorobutadiene
Concen: 40.658 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion:	225	Resp:	188443
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.5	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: 39.581 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampled :

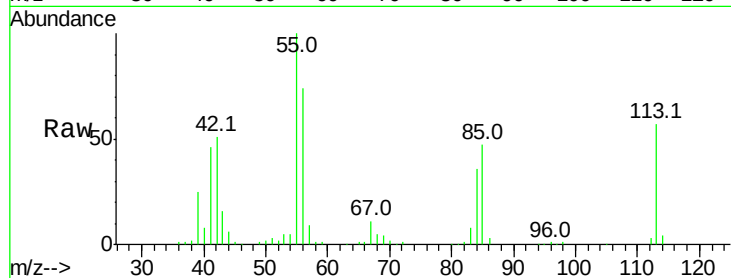
Tot Ion:113 Resp: 105824

Ion Ratio Lower Upper

113 100

55 174.7 163.3 203.3

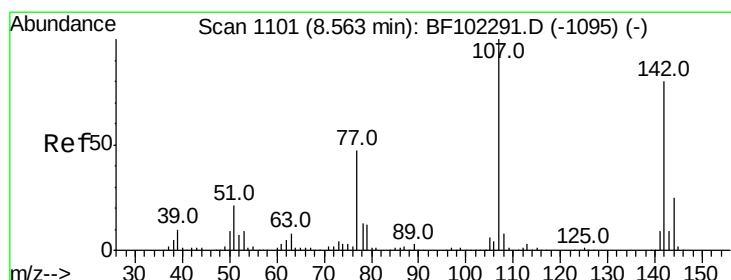
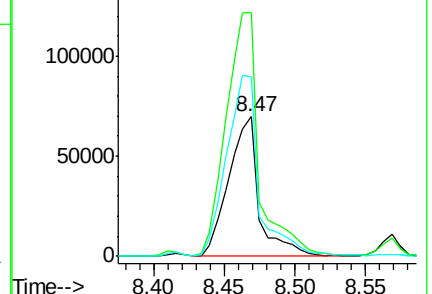
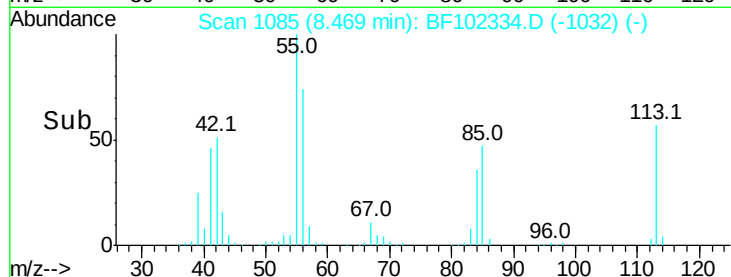
56 128.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.038 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

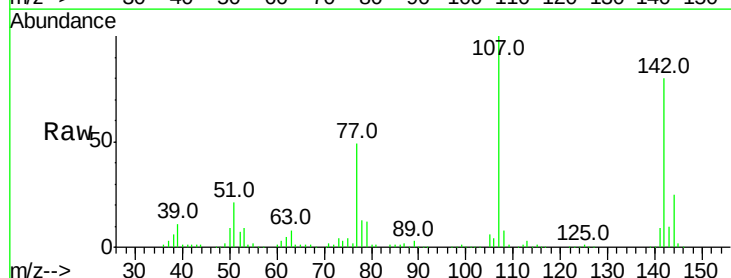
Tgt Ion:107 Resp: 341652

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

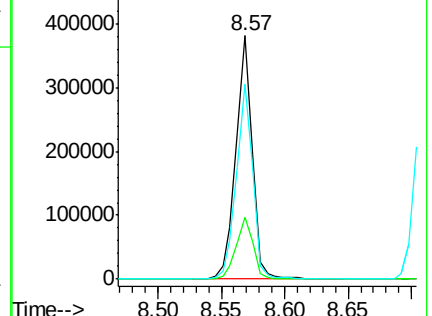
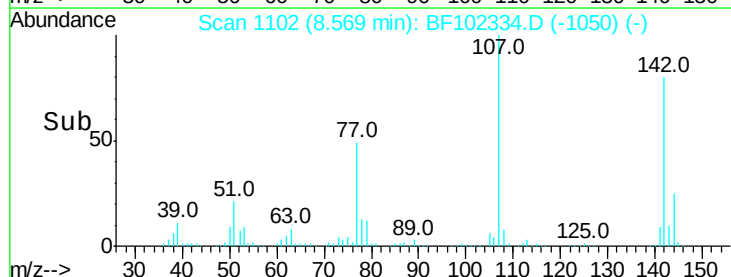
142 80.3 62.0 93.0

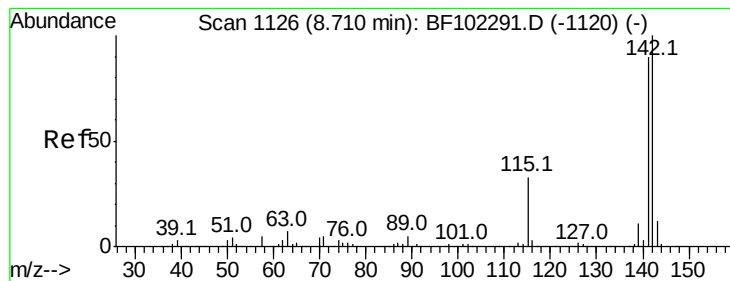


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.018 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampled :

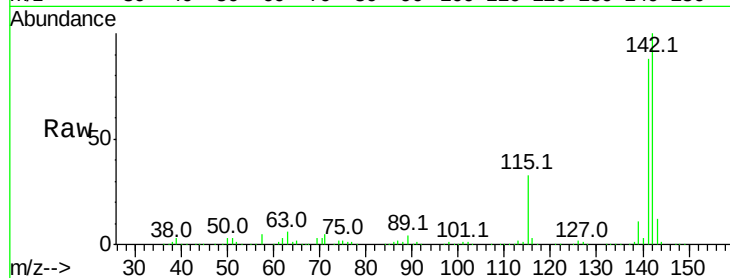
Tot Ion:142 Resp: 757631

Ion Ratio Lower Upper

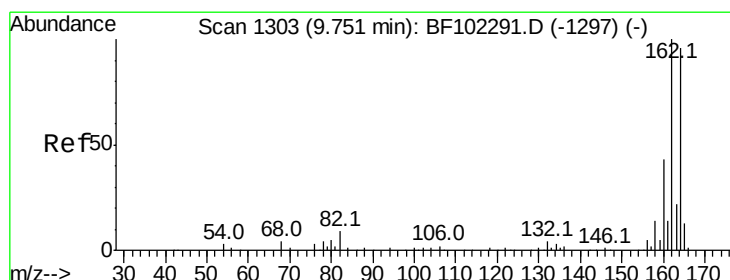
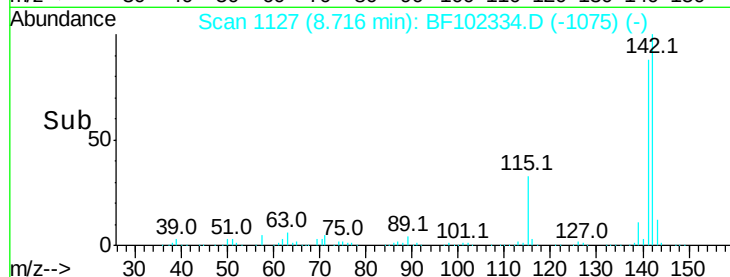
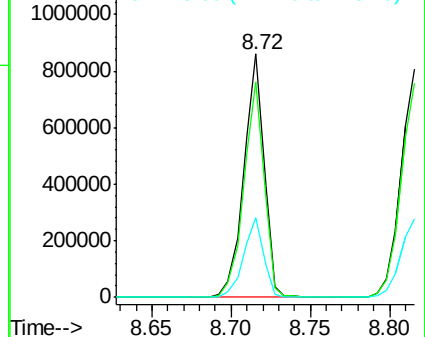
142 100

141 88.5 70.8 106.2

115 32.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

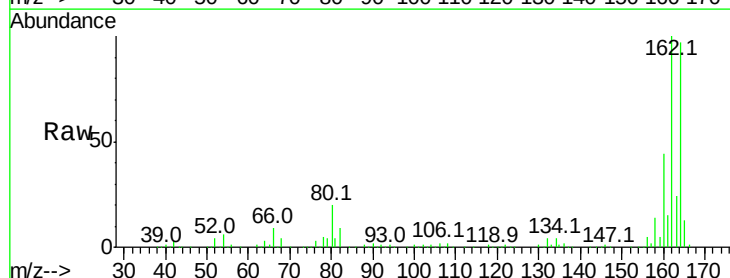
Tgt Ion:164 Resp: 263852

Ion Ratio Lower Upper

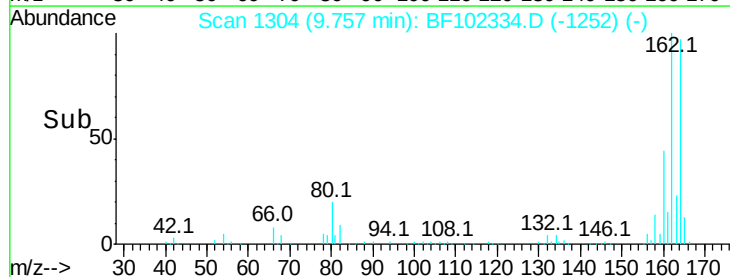
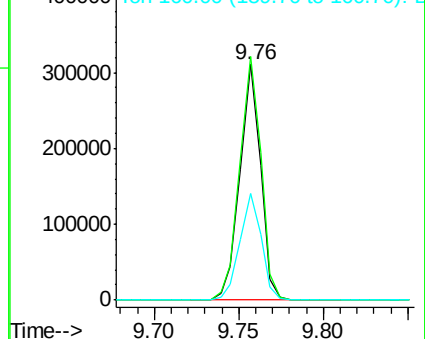
164 100

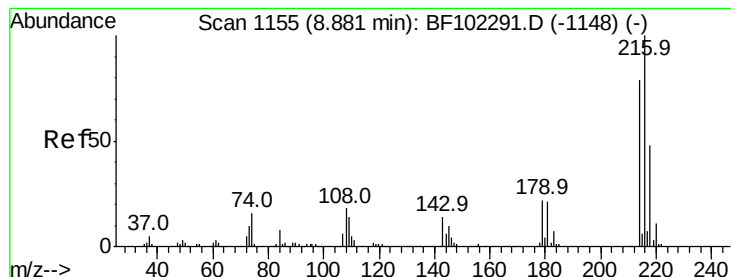
162 103.3 86.1 129.1

160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.087 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 318219

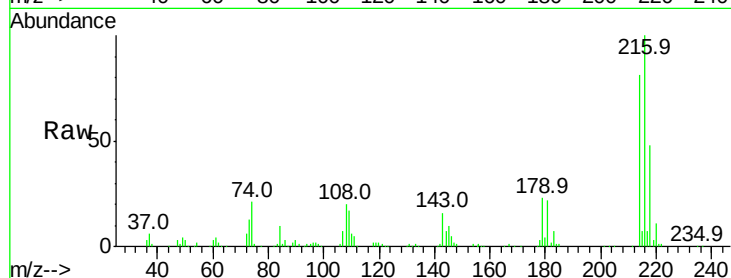
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 22.5 18.1 27.1

108 20.7 17.2 25.8

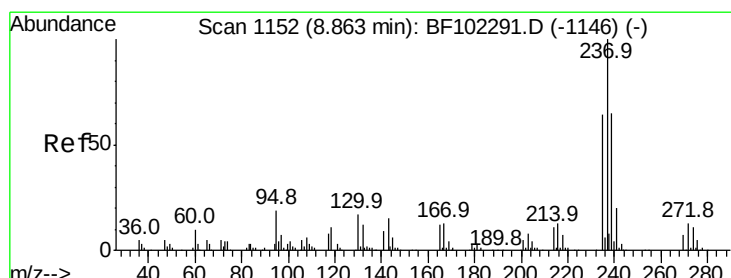
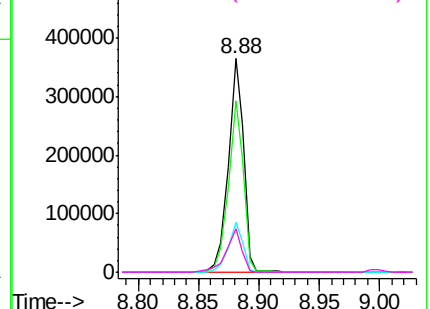
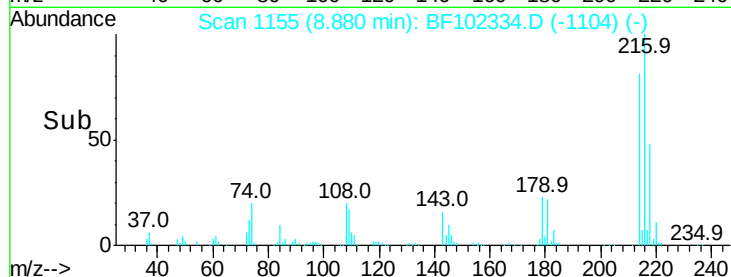


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.209 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

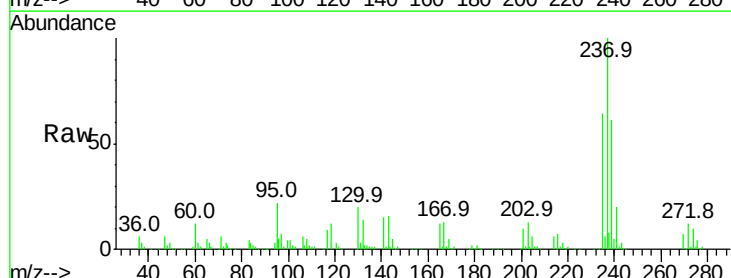
Tgt Ion:237 Resp: 146397

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

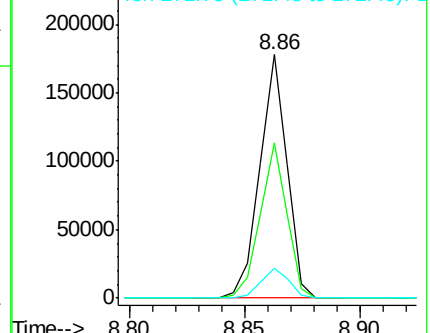
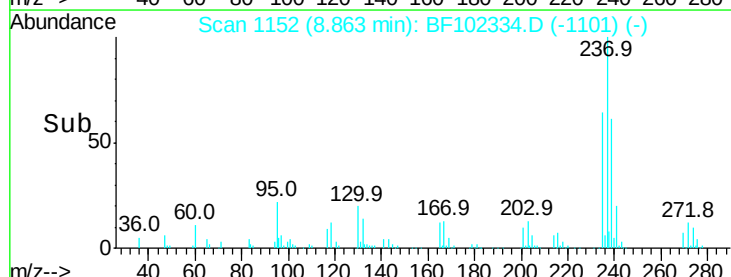
272 12.2 0.0 33.3

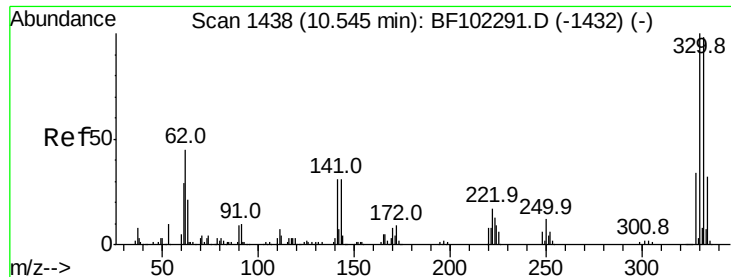


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

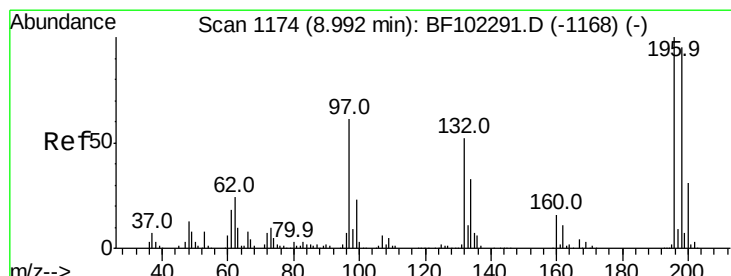
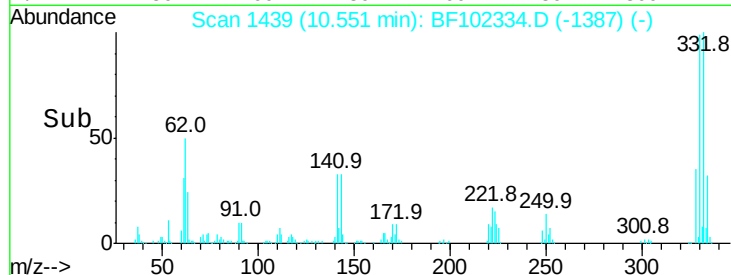
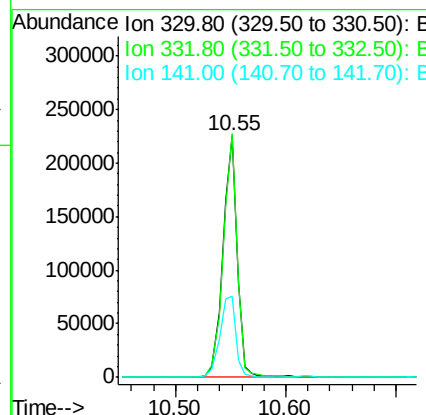
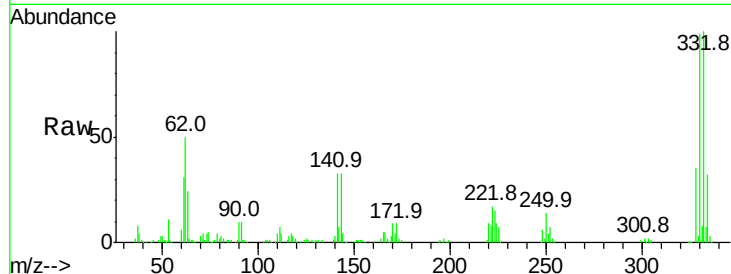




#41
 2,4,6-Tribromophenol
 Concen: 77.826 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

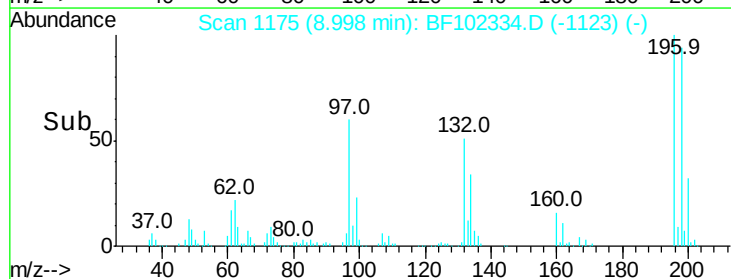
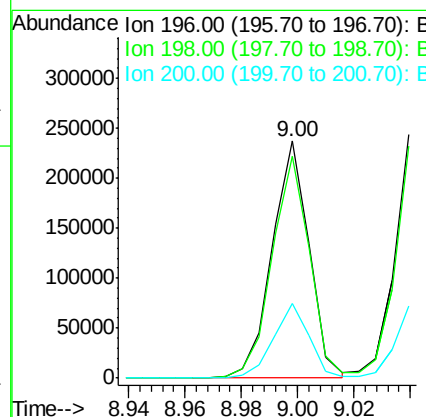
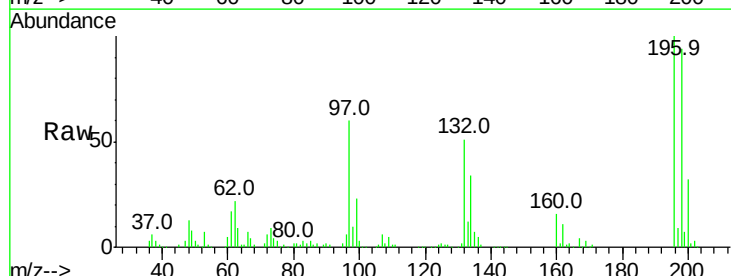
Instrument :
 BNA_F
 ClientSampleId :

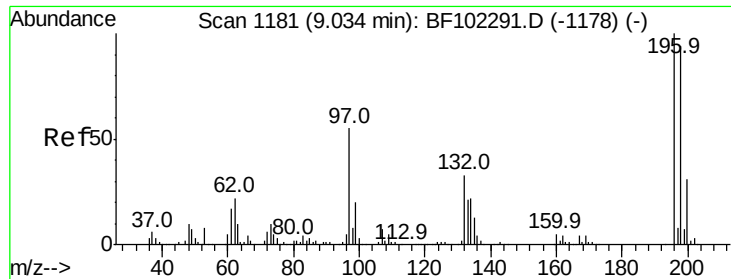
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	37.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.481 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.7	113.5
200	31.7	24.5	36.7

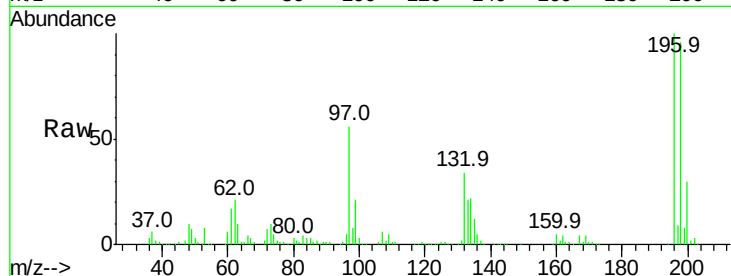




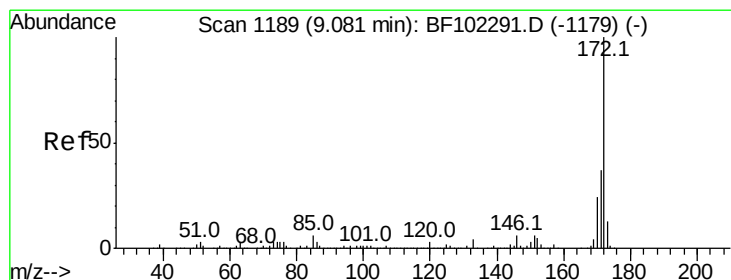
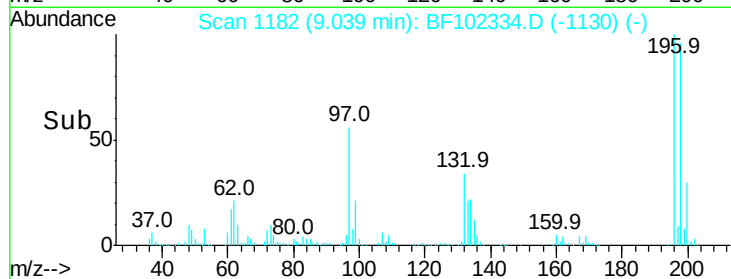
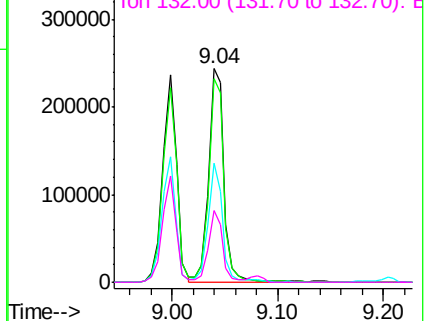
#43
 2,4,5-Trichlorophenol
 Concen: 41.219 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 246628
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.6 112.0
 97 55.5 42.9 64.3
 132 33.7 26.3 39.5

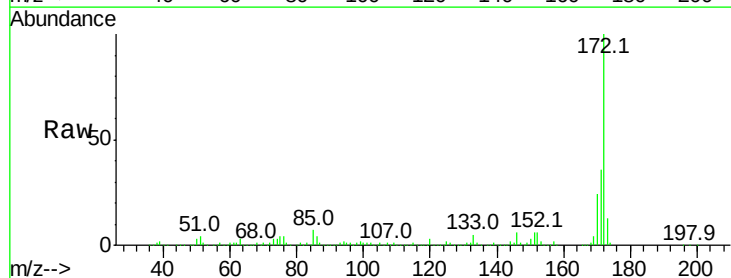


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

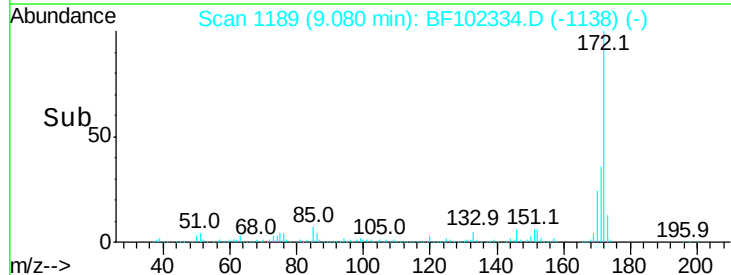
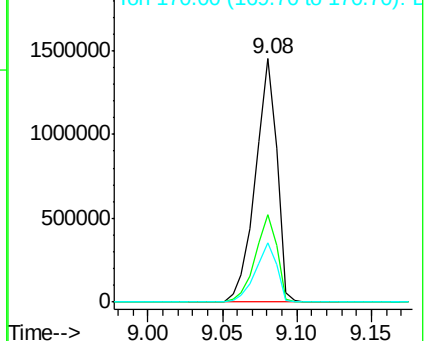


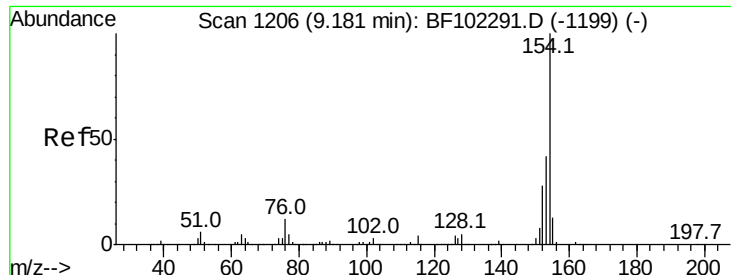
#44
 2-Fluorobiphenyl
 Concen: 79.942 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion:172 Resp: 1434546
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.5 19.6 29.4



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

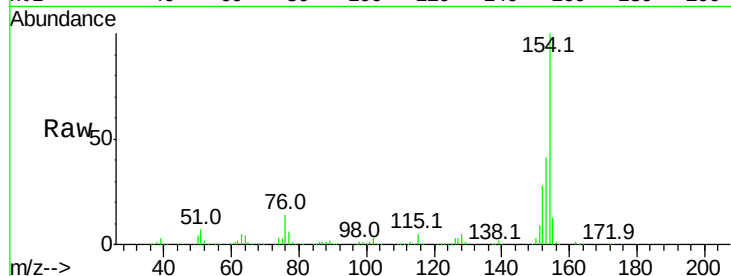




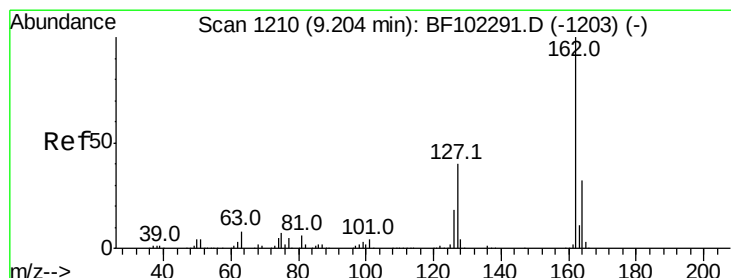
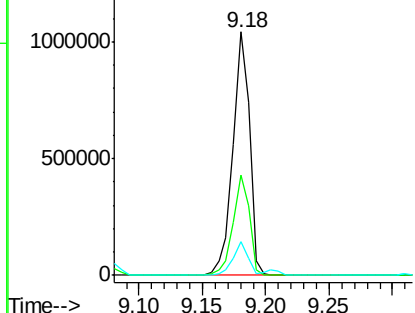
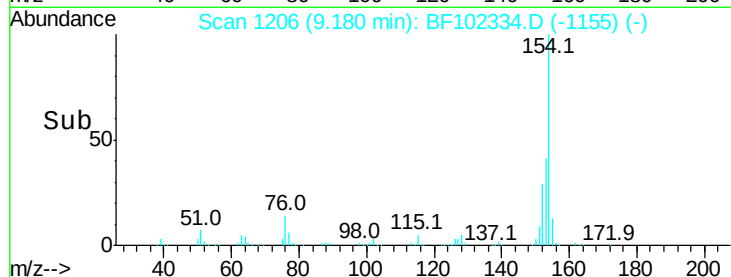
#45
 1,1'-Biphenyl
 Concen: 39.878 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	13.6	0.0	34.0

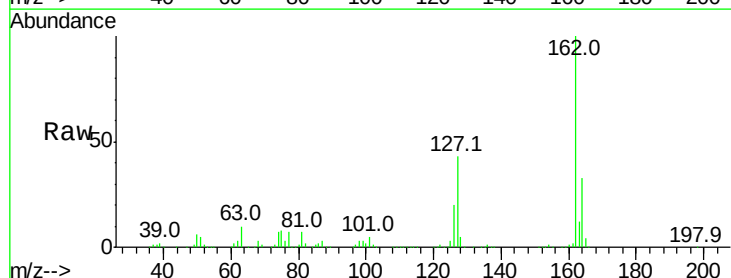


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

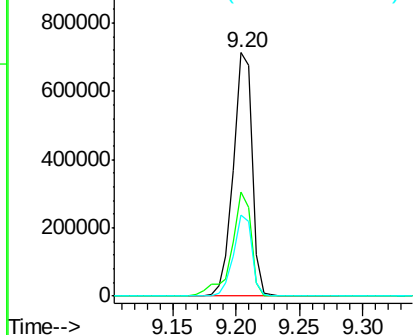
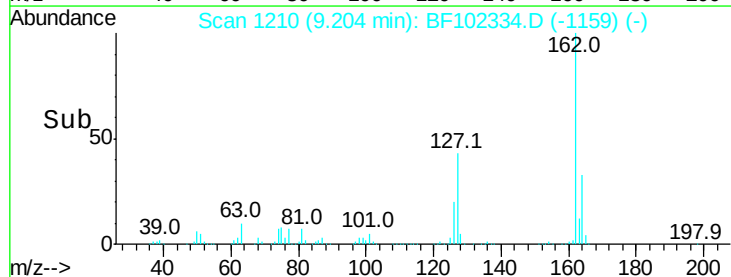


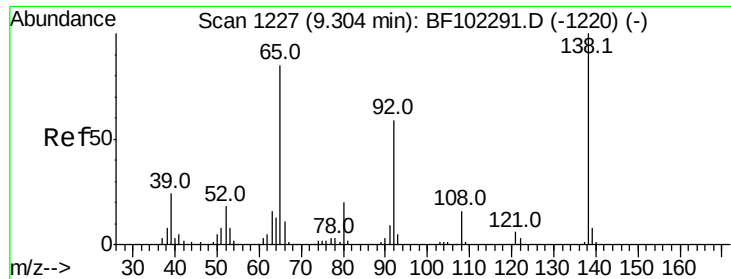
#46
 2-Chloronaphthalene
 Concen: 39.565 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.9	50.9
164	33.1	26.5	39.7



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





#47

2-Nitroaniline

Concen: 41.261 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

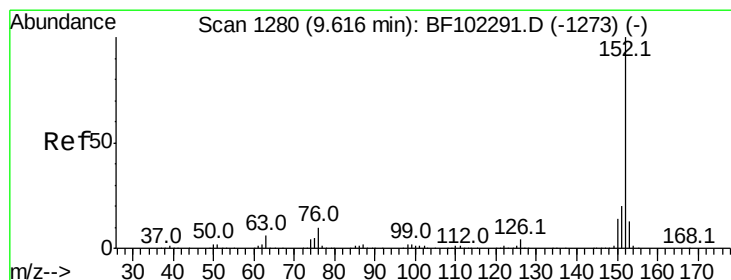
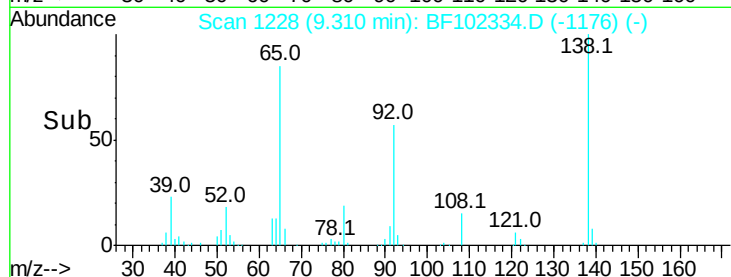
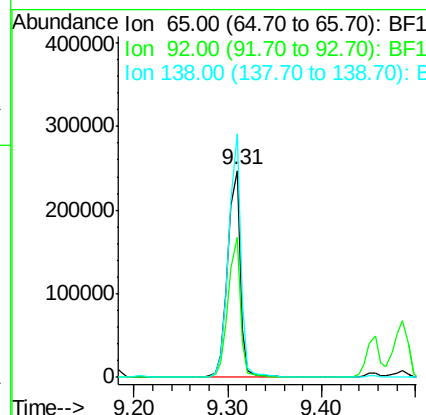
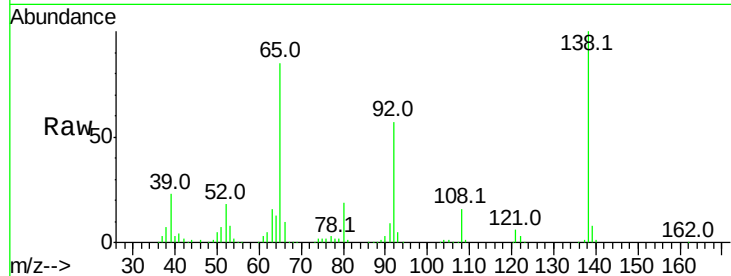
Tot Ion: 65 Resp: 235900

Ion Ratio Lower Upper

65 100

92 67.6 55.8 83.6

138 117.8 91.2 136.8



#48

Acenaphthylene

Concen: 39.176 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

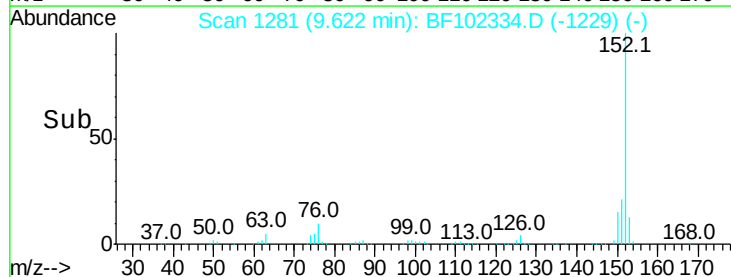
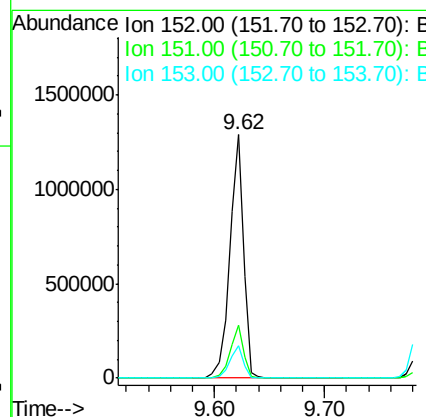
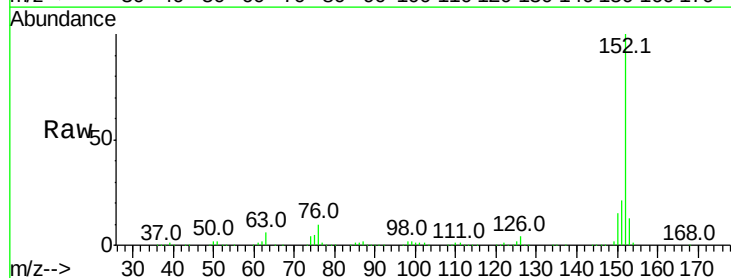
Tgt Ion: 152 Resp: 1119241

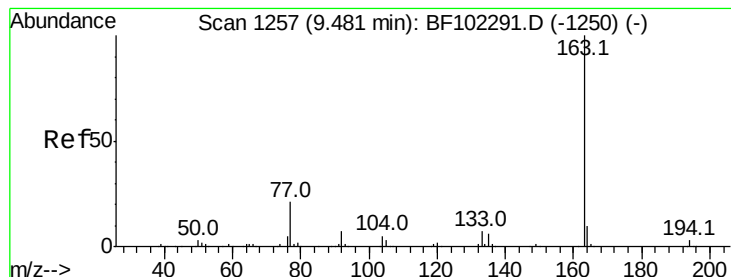
Ion Ratio Lower Upper

152 100

151 21.5 16.3 24.5

153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 39.952 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

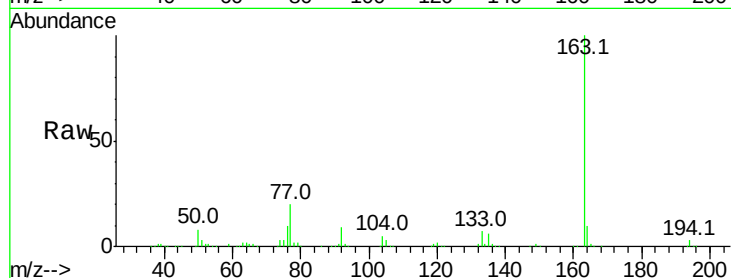
Tot Ion:163 Resp: 871323

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

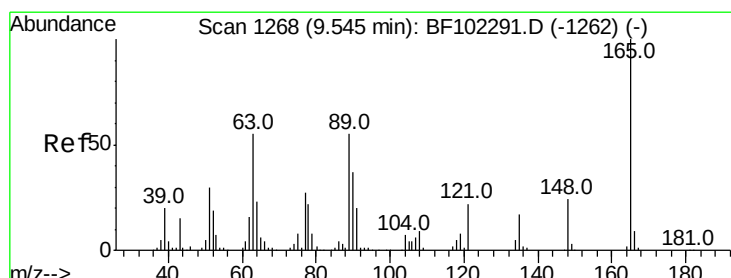
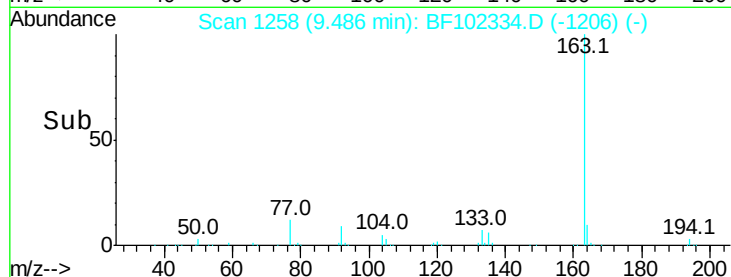
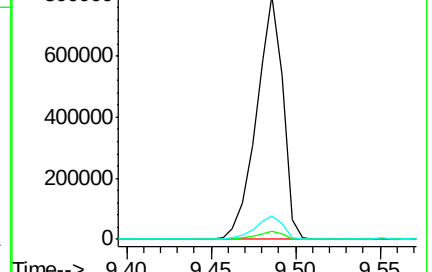
164 9.9 8.2 12.2



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: 39.690 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

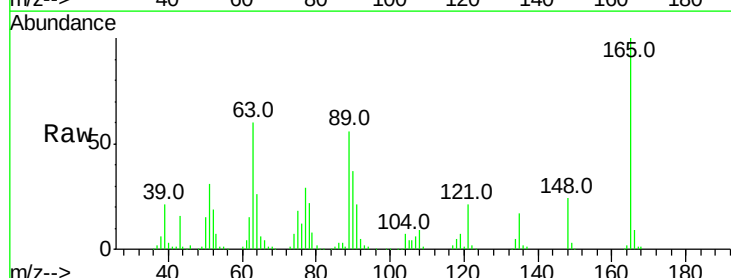
Tgt Ion:165 Resp: 186625

Ion Ratio Lower Upper

165 100

63 59.8 44.7 67.1

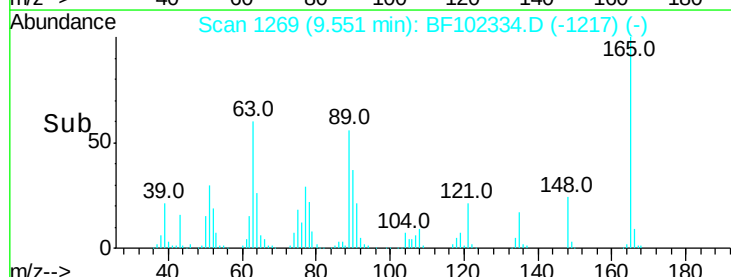
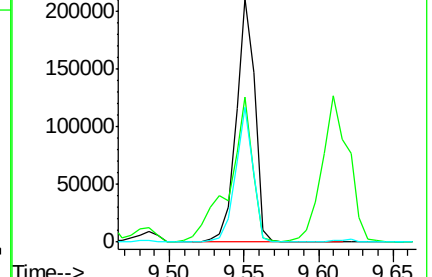
89 55.5 44.0 66.0

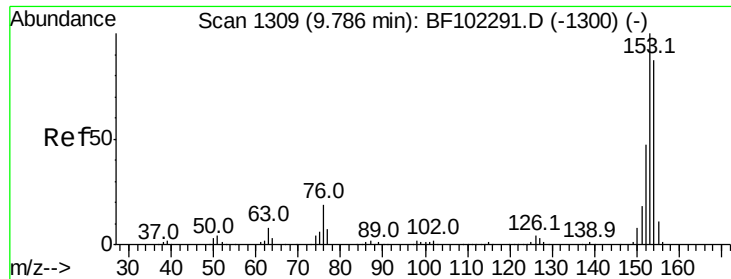


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

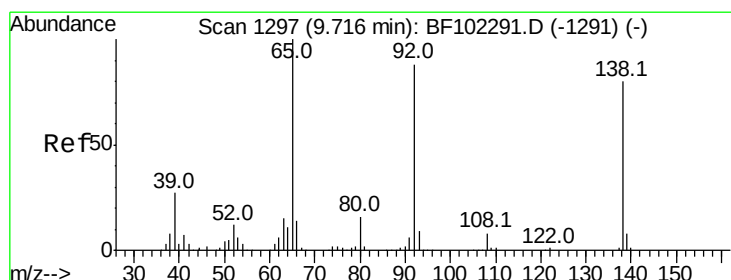
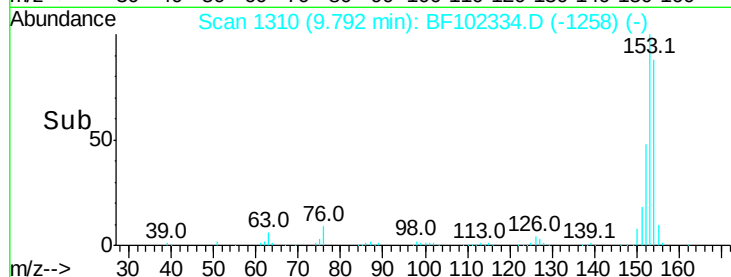
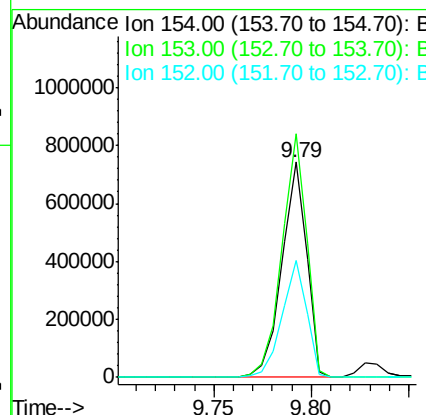
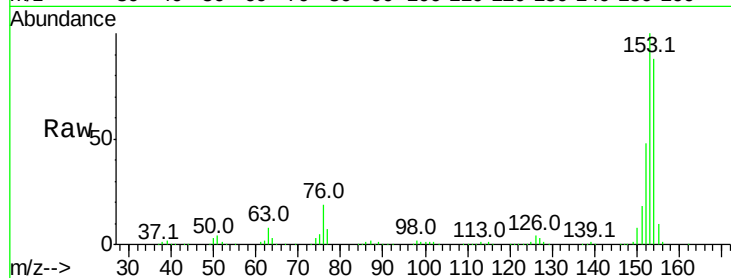




#51
Acenaphthene
Concen: 39.357 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

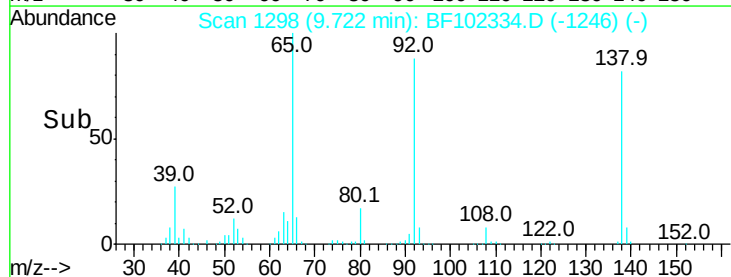
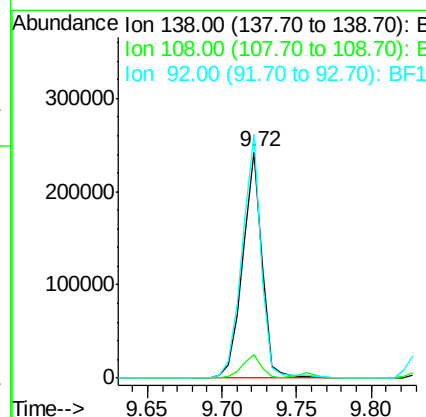
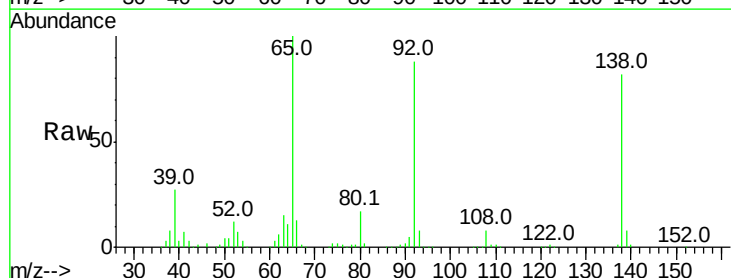
Instrument :
BNA_F
ClientSampleId :

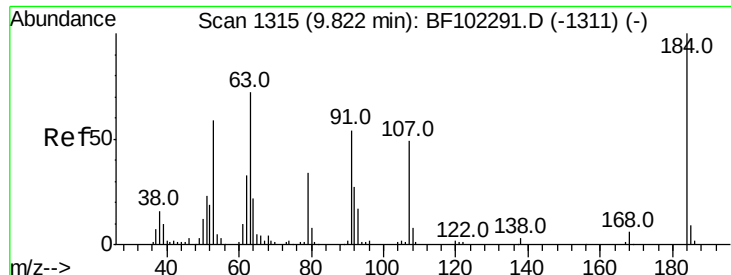
Tot Ion:154 Resp: 656692
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 54.3 43.8 65.8



#52
3-Nitroaniline
Concen: 39.556 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion:138 Resp: 220025
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 107.7 89.4 134.2

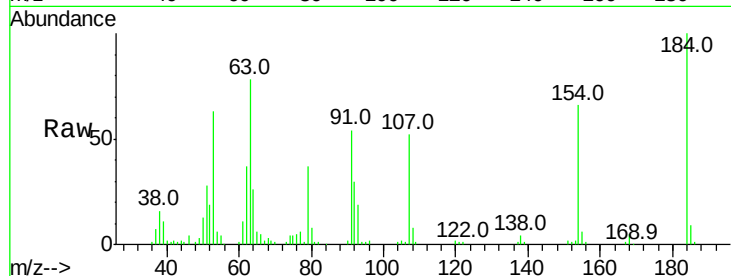




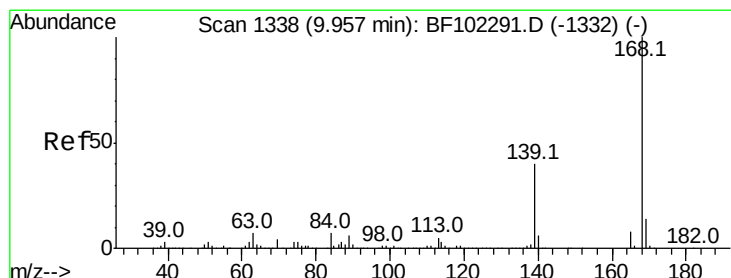
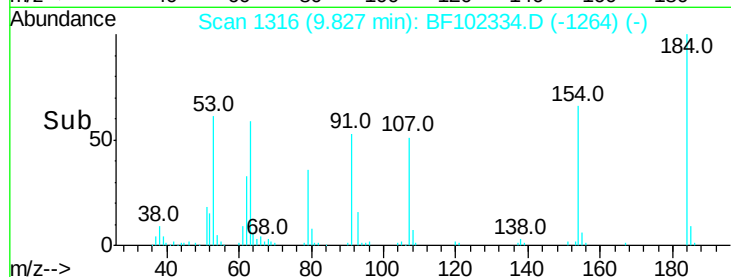
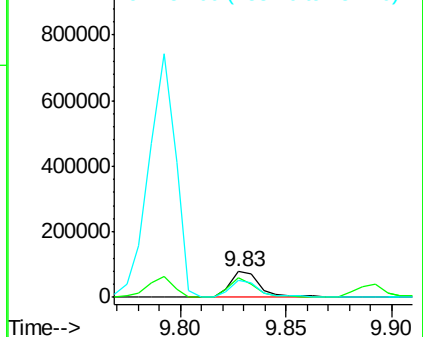
#53
 2,4-Dinitrophenol
 Concen: 39.427 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 79033
 Ion Ratio Lower Upper
 184 100
 63 78.0 54.2 81.2
 154 65.8 184.0 276.0#

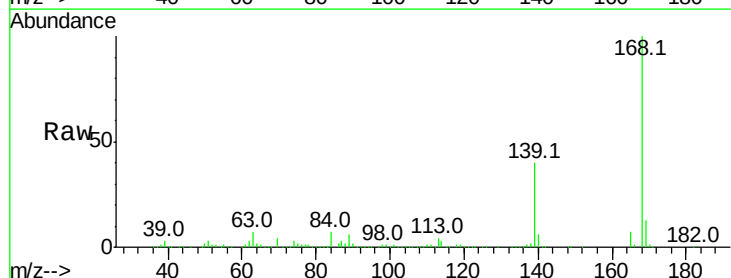


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

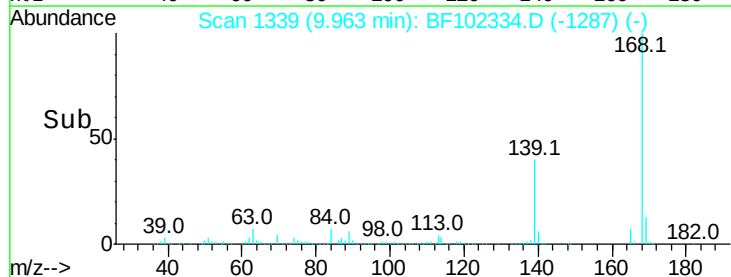
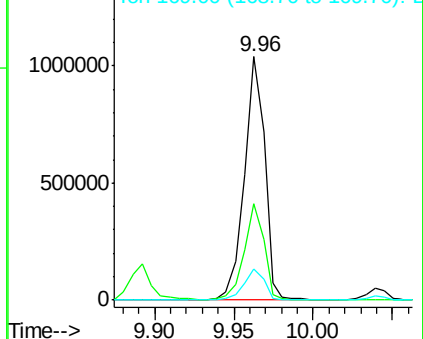


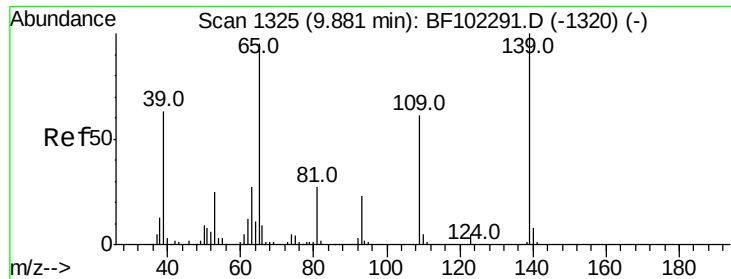
#54
 Dibenzofuran
 Concen: 40.695 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion:168 Resp: 918974
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 13.0 10.9 16.3



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





#55

4-Nitrophenol

Concen: 39.440 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampled :

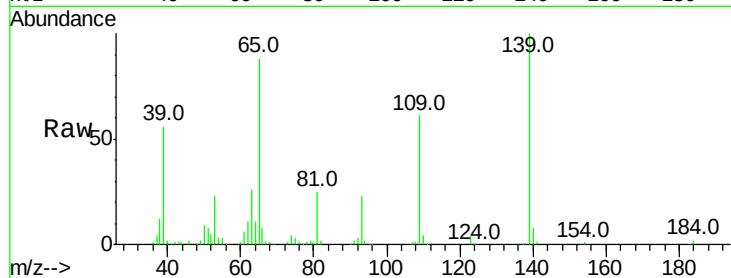
Tot Ion:139 Resp: 144815

Ion Ratio Lower Upper

139 100

109 60.9 48.4 88.4

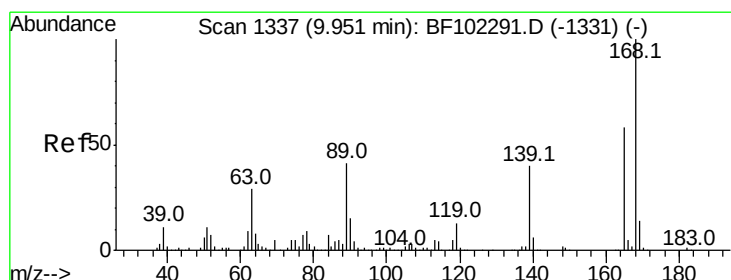
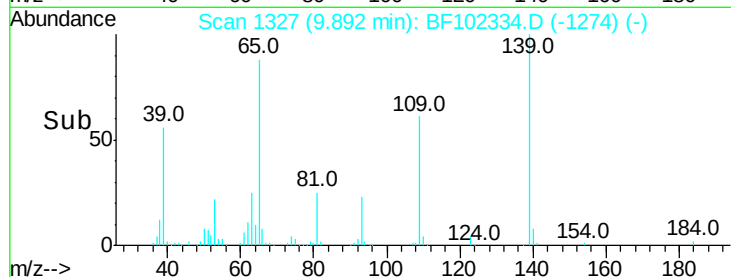
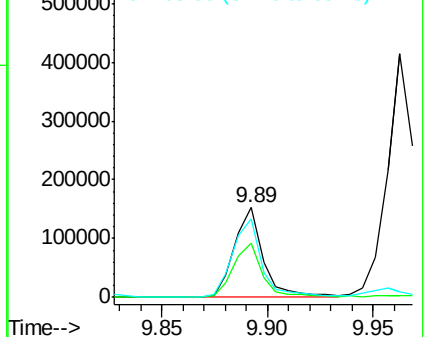
65 88.2 72.6 112.6



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: 39.556 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Tgt Ion:165 Resp: 228726

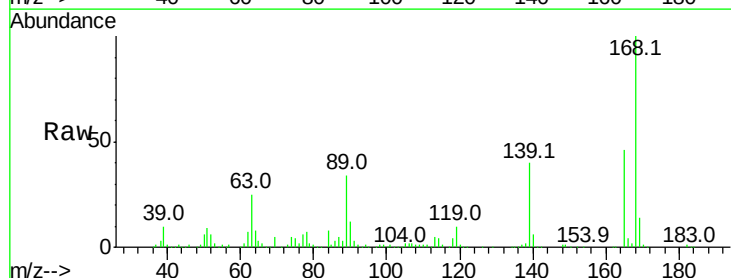
Ion Ratio Lower Upper

165 100

63 53.9 36.4 54.6

89 73.1 57.8 86.6

182 2.4 1.6 2.4

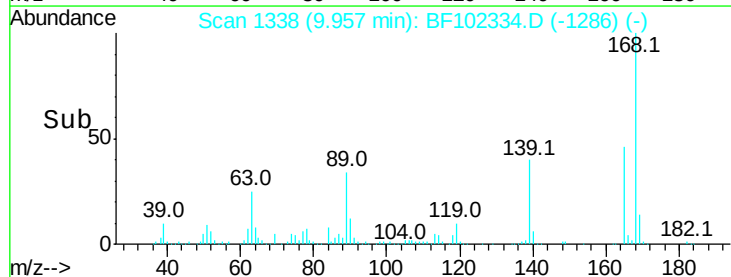
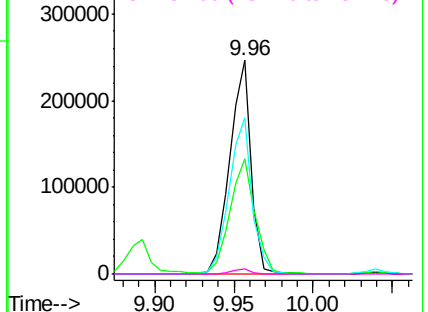


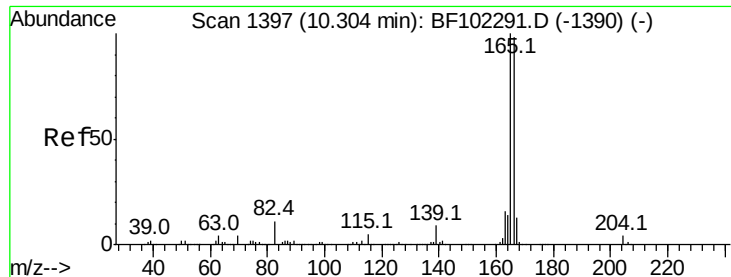
Abundance Ion 165.00 (164.70 to 165.70): E

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

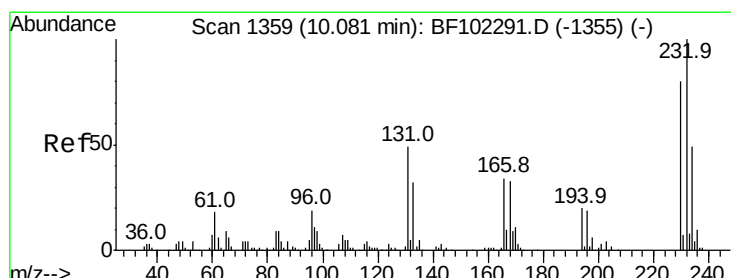
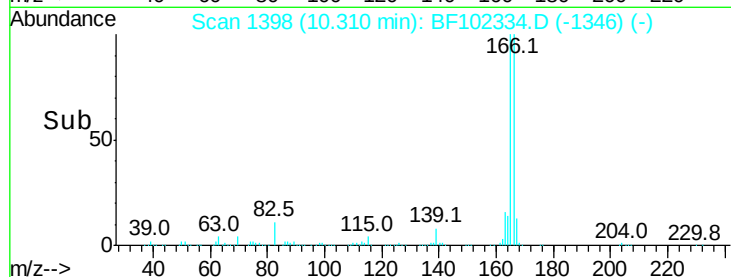
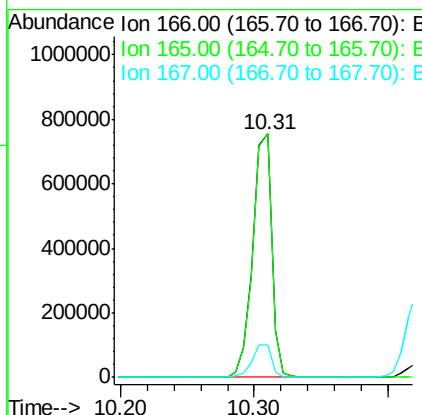
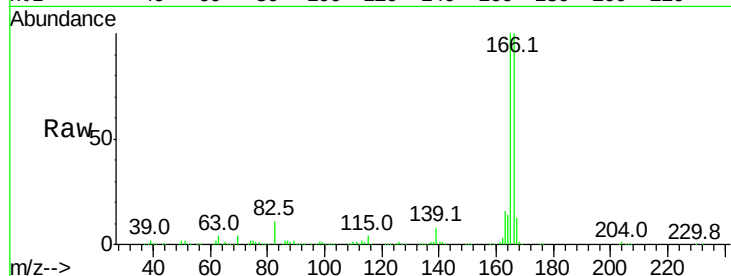




#57
 Fluorene
 Concen: 41.010 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

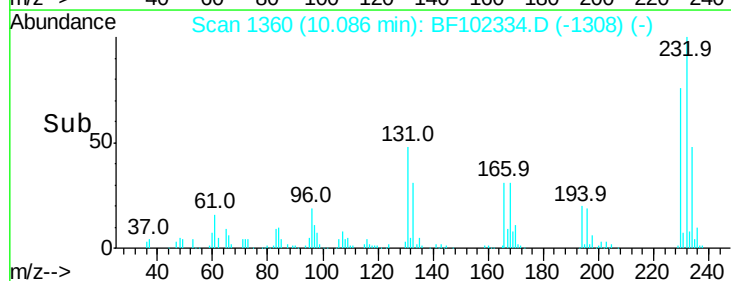
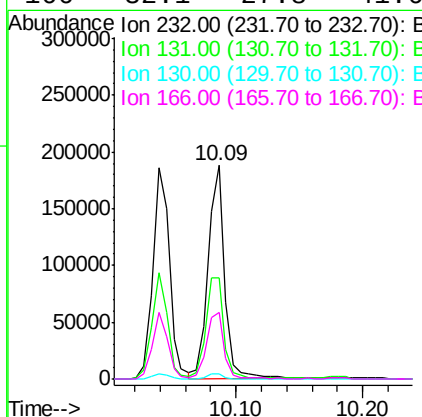
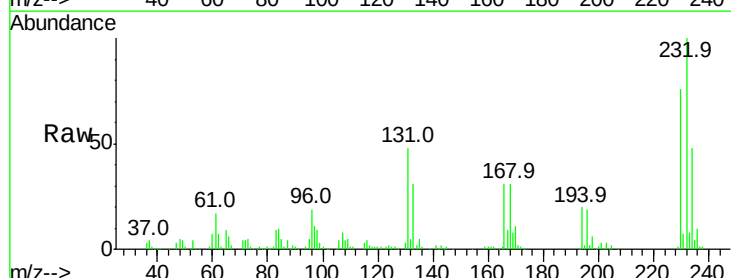
Instrument :
 BNA_F
 ClientSampled :

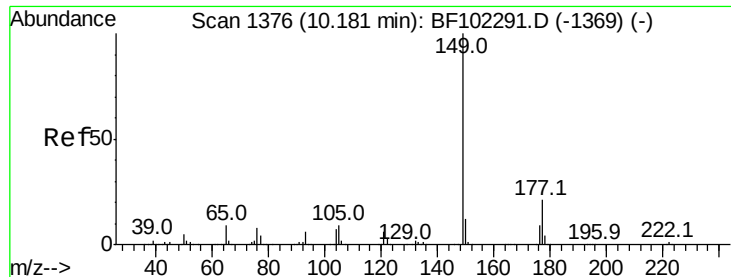
Tot Ion:166 Resp: 733834
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.623 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion:232 Resp: 173541
 Ion Ratio Lower Upper
 232 100
 131 53.1 43.8 65.8
 130 2.6 2.1 3.1
 166 32.1 27.8 41.6

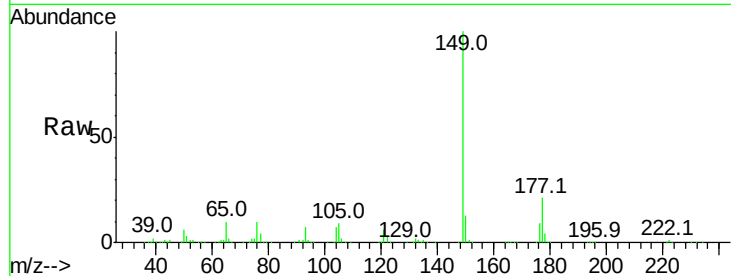




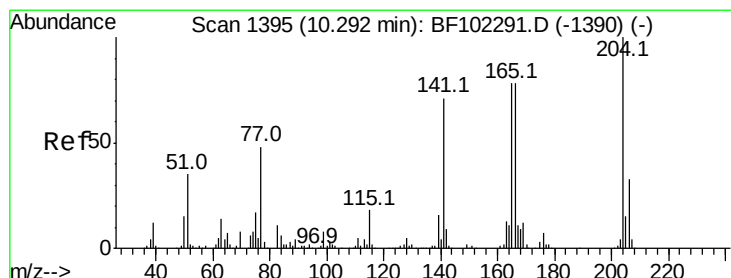
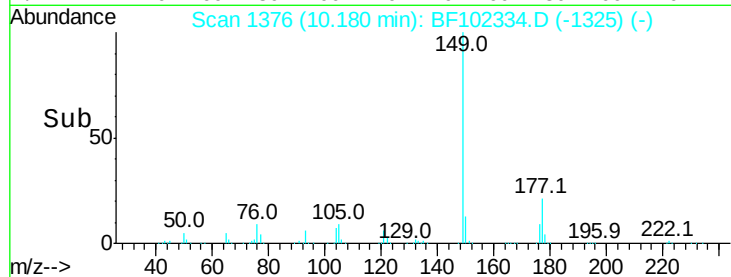
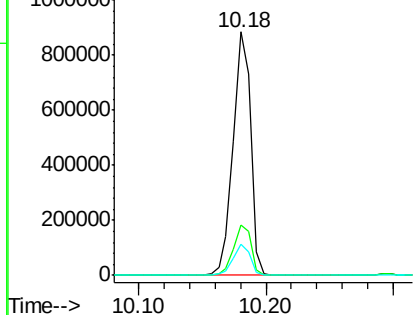
#59
Diethylphthalate
Concen: 39.581 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 838832
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.6 10.1 15.1

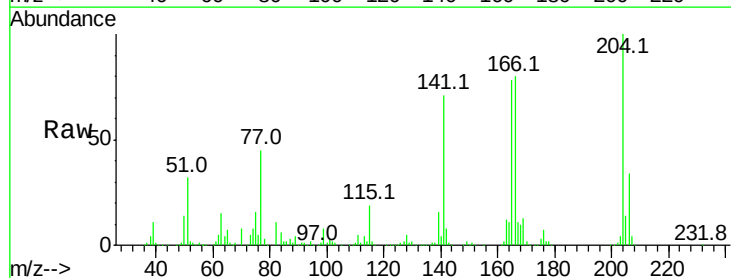


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

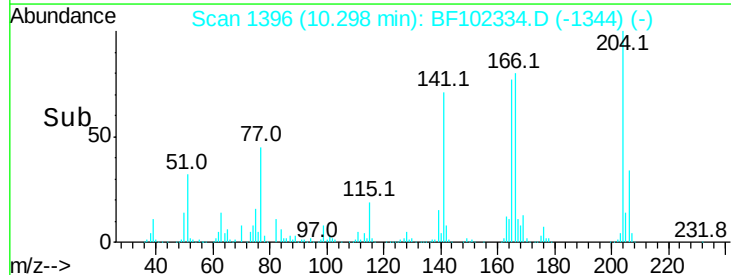
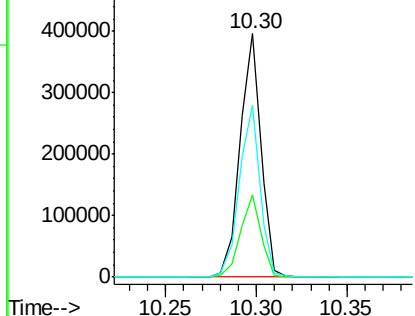


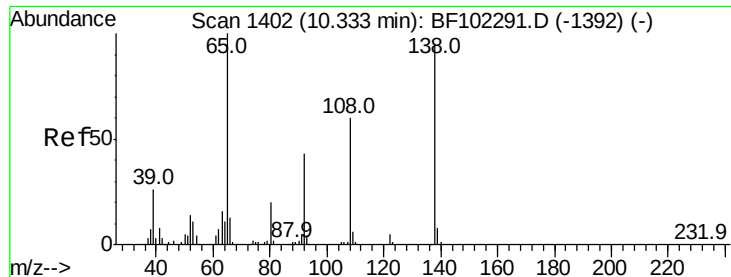
#60
4-Chlorophenyl-phenylether
Concen: 40.951 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion:204 Resp: 317704
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 70.7 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: 39.943 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampled :

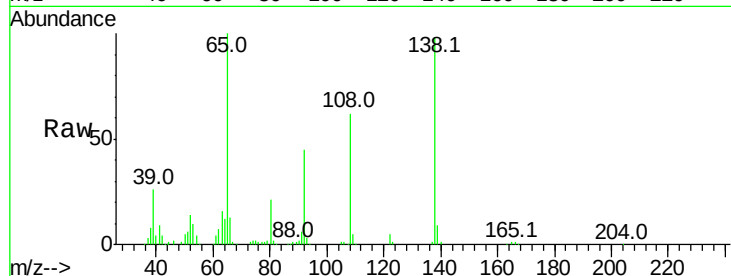
Tot Ion:138 Resp: 221705

Ion Ratio Lower Upper

138 100

92 45.6 30.2 70.2

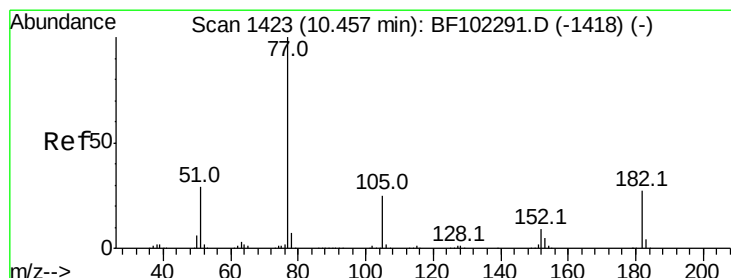
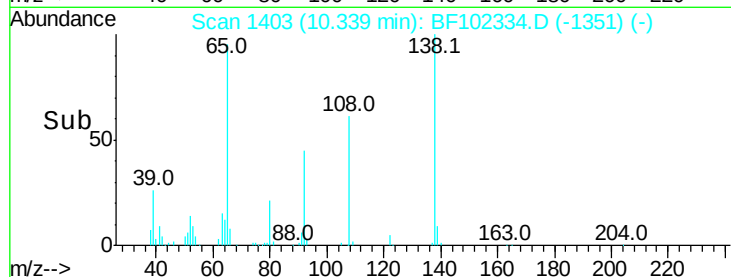
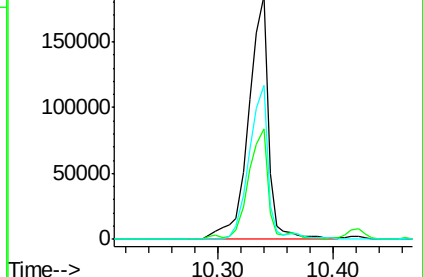
108 63.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.582 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Tgt Ion: 77 Resp: 768037

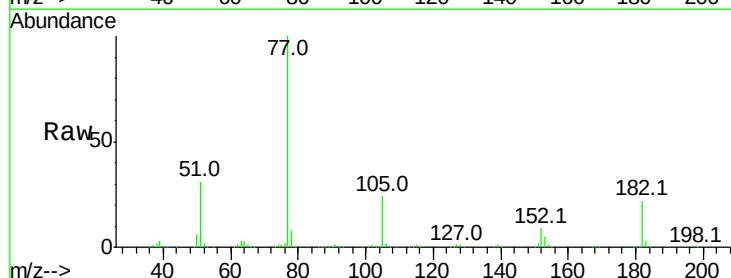
Ion Ratio Lower Upper

77 100

182 22.5 1.7 41.7

105 23.8 3.0 43.0

51 31.3 9.9 49.9

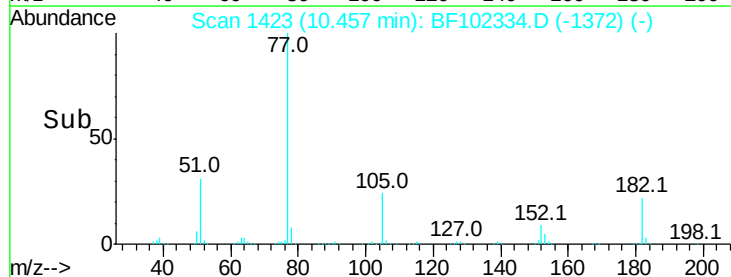
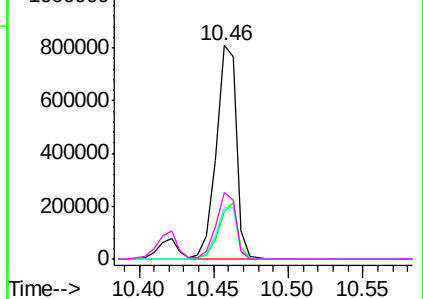


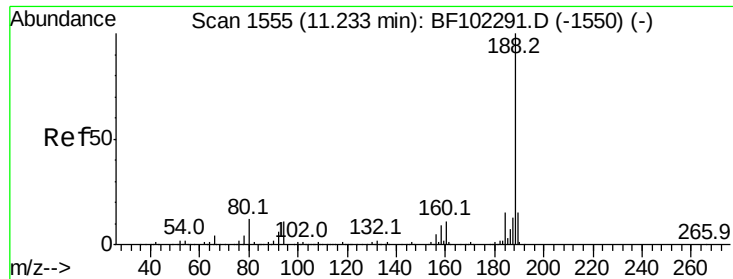
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

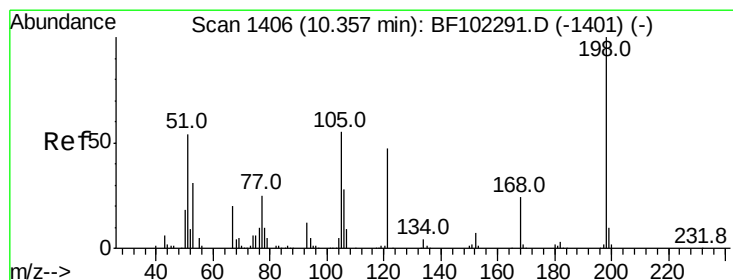
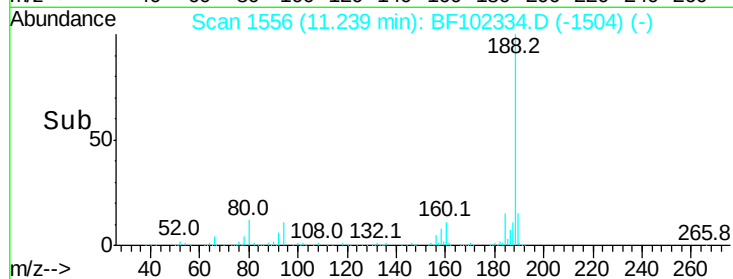
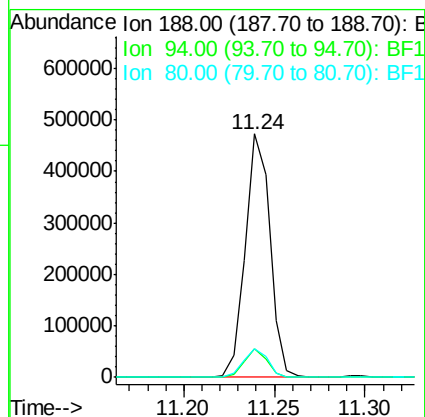
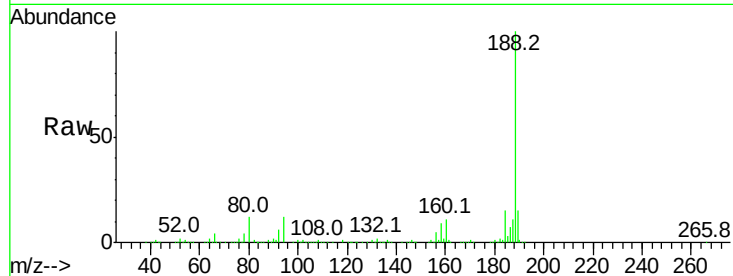




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

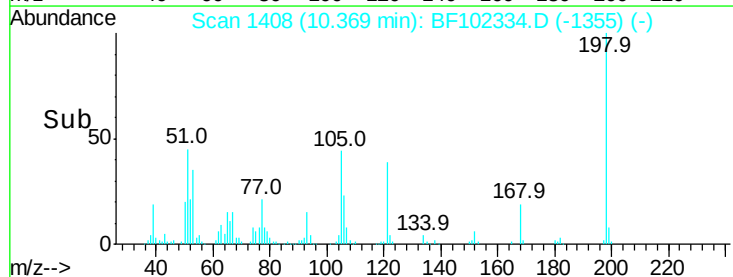
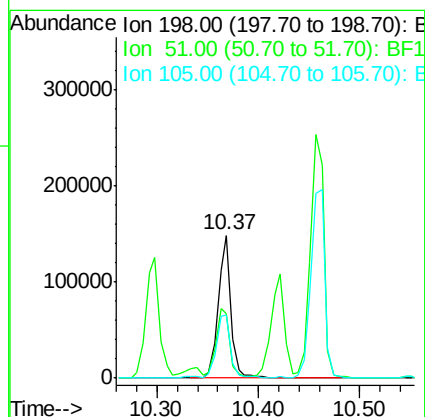
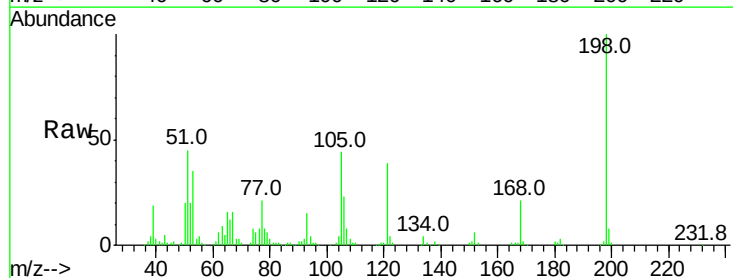
Instrument :
 BNA_F
 ClientSampleId :

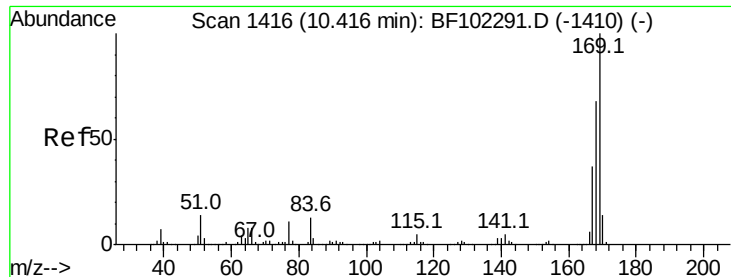
Tot Ion:188 Resp: 449732
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 11.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.246 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion:198 Resp: 129757
 Ion Ratio Lower Upper
 198 100
 51 45.3 37.7 77.7
 105 43.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 40.610 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampled :

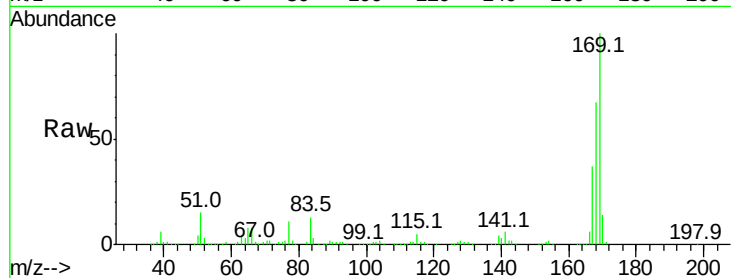
Tot Ion:169 Resp: 670345

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

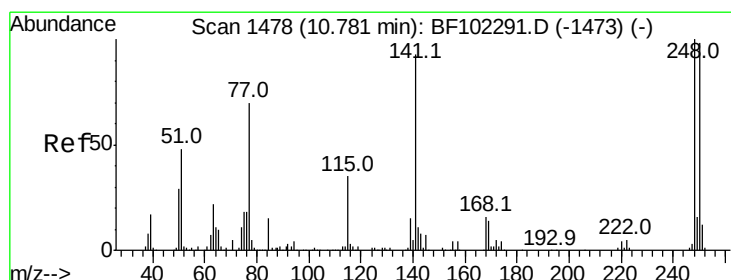
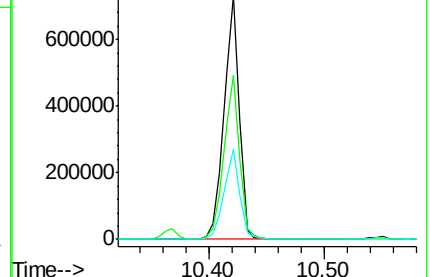
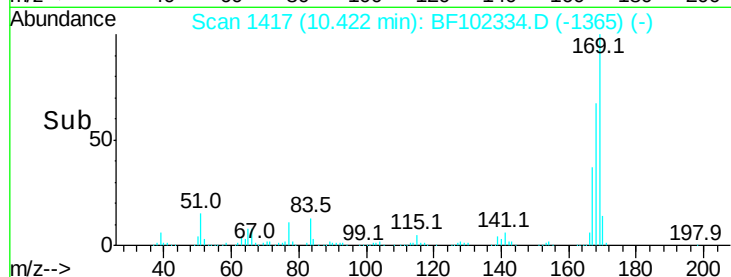
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.733 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

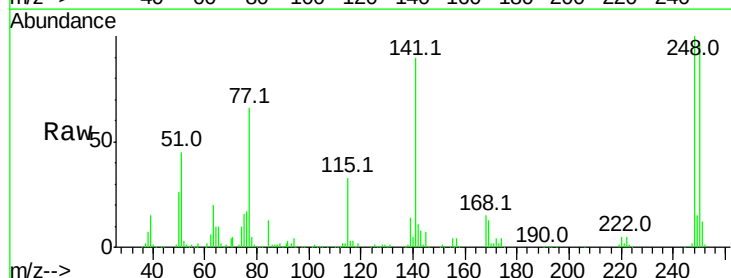
Tgt Ion:248 Resp: 202042

Ion Ratio Lower Upper

248 100

250 95.7 76.9 115.3

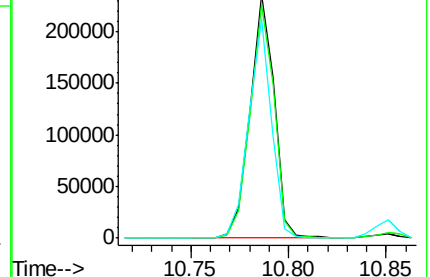
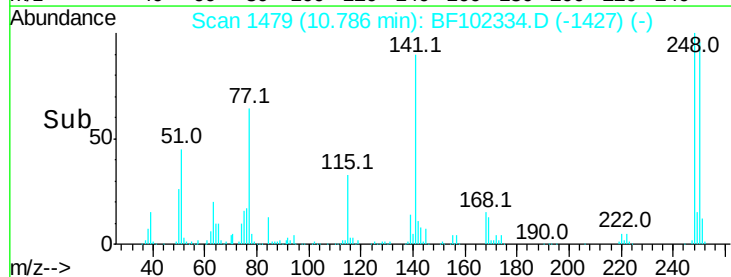
141 90.2 74.4 111.6

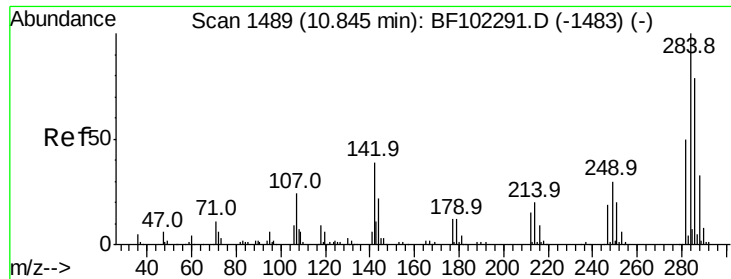


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.821 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

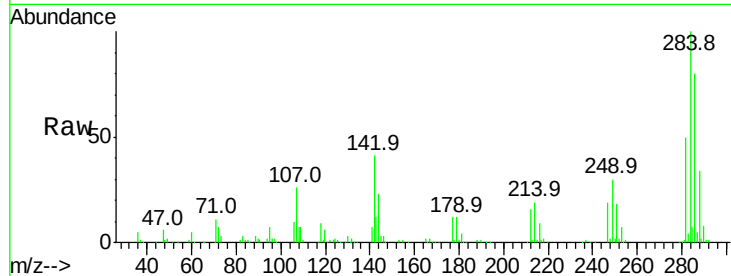
Tot Ion:284 Resp: 221026

Ion Ratio Lower Upper

284 100

142 41.0 34.6 52.0

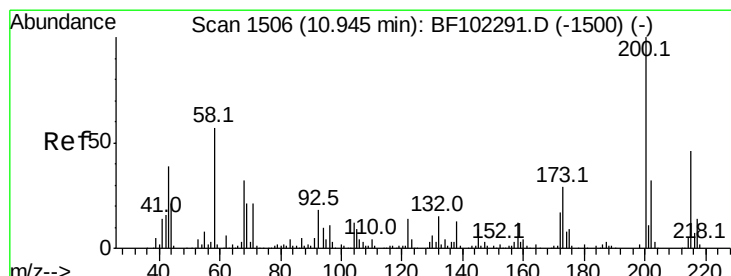
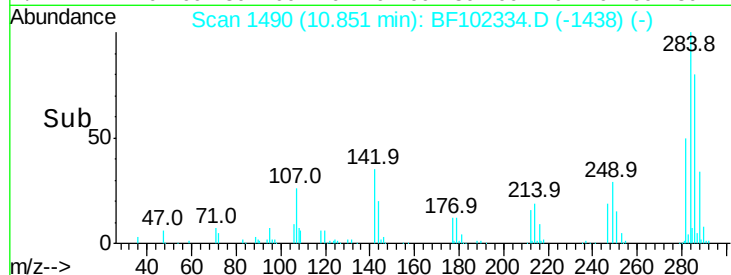
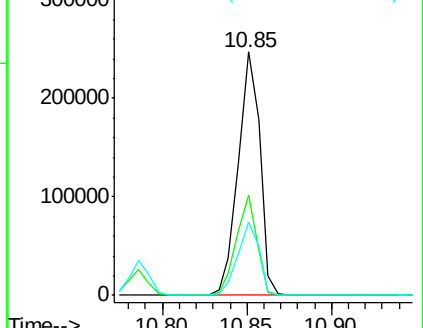
249 30.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.374 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

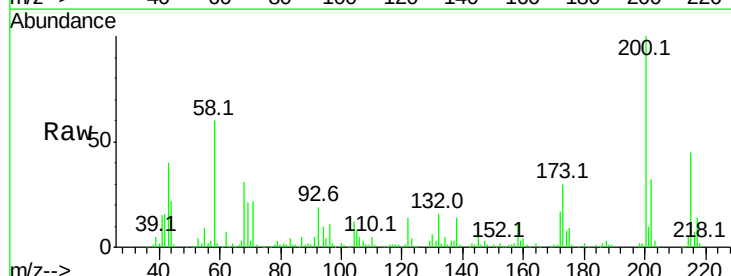
Tgt Ion:200 Resp: 196834

Ion Ratio Lower Upper

200 100

173 29.5 8.6 48.6

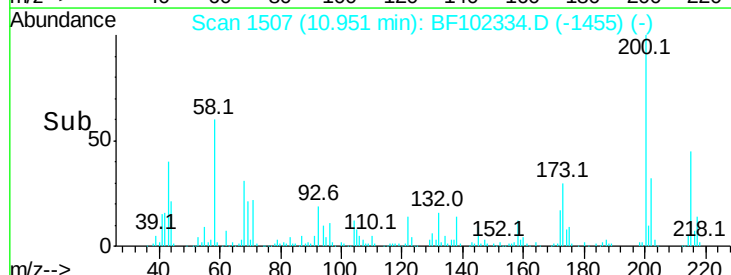
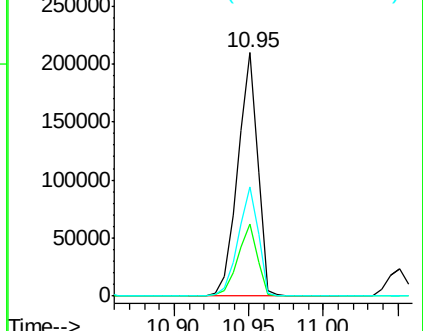
215 45.0 25.1 65.1

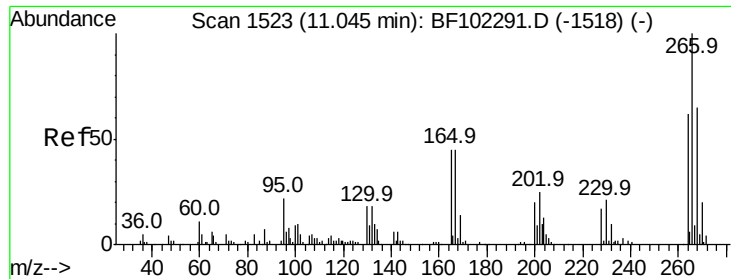


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

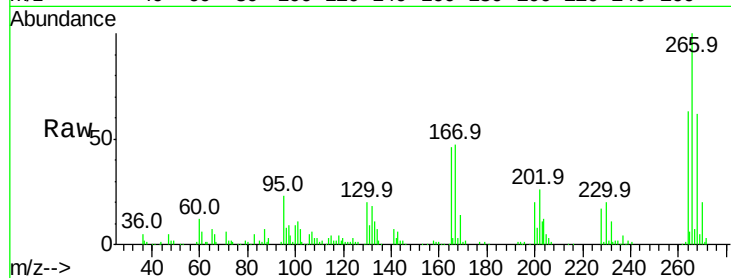




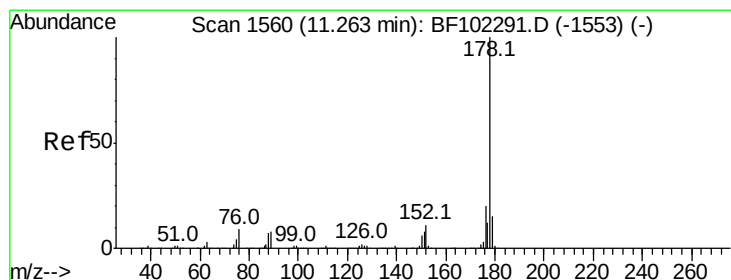
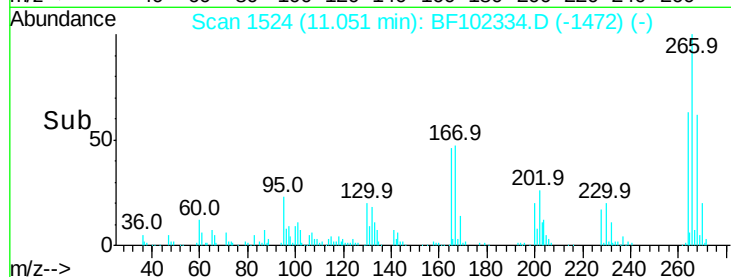
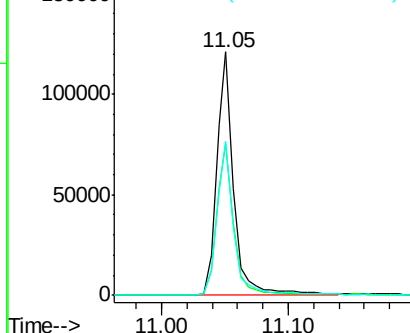
#69
 Pentachlorophenol
 Concen: 40.077 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 113991
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 63.2 49.5 74.3

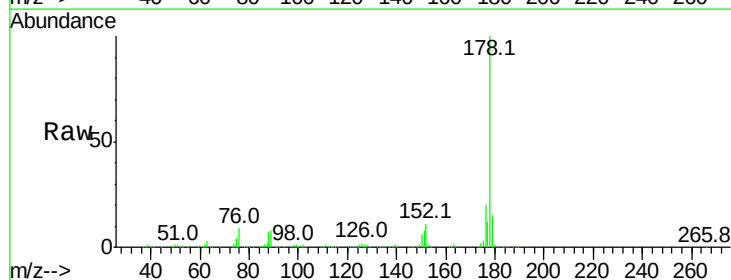


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

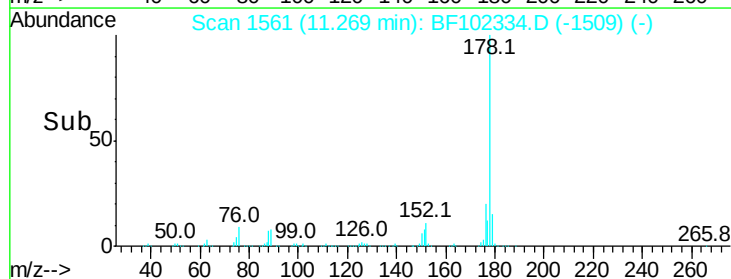
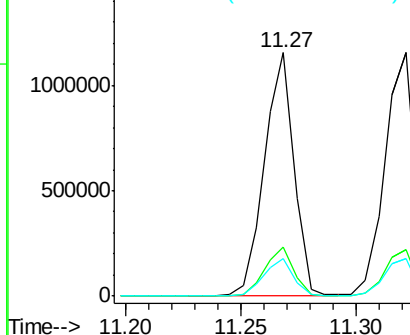


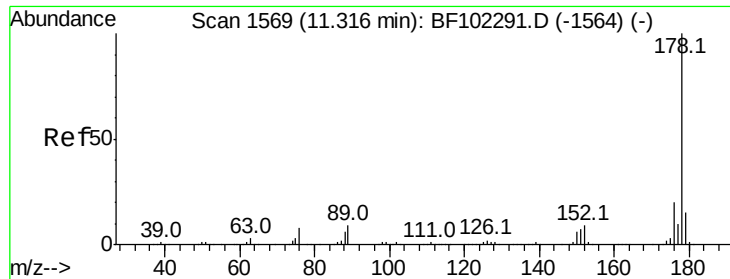
#70
 Phenanthrene
 Concen: 39.477 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion:178 Resp: 1034574
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.2 13.0 19.6



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

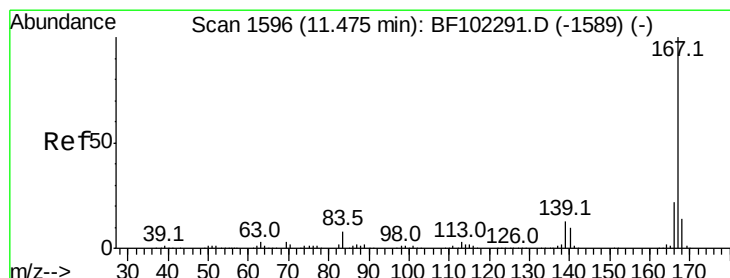
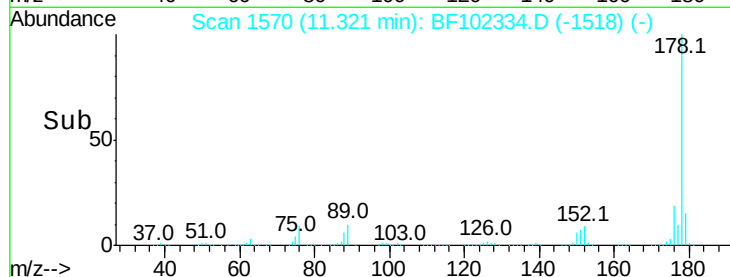
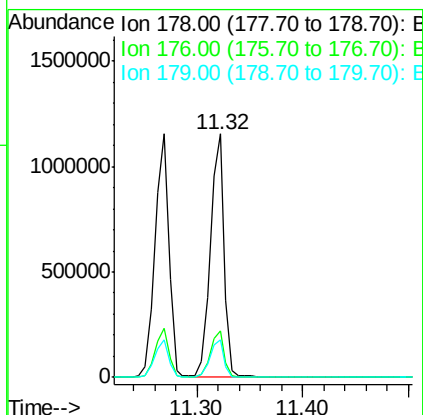
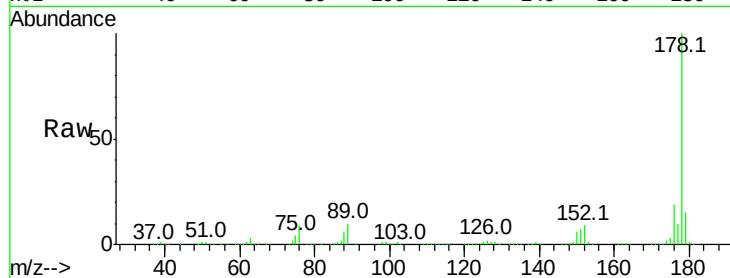




#71
 Anthracene
 Concen: 39.670 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

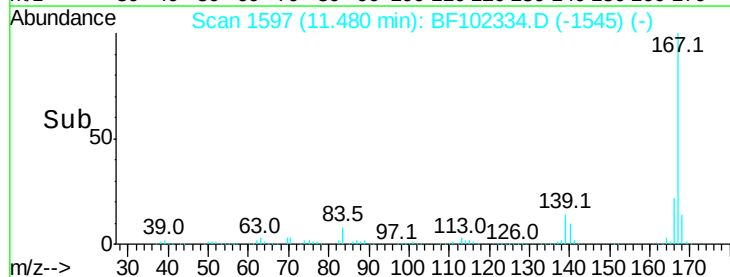
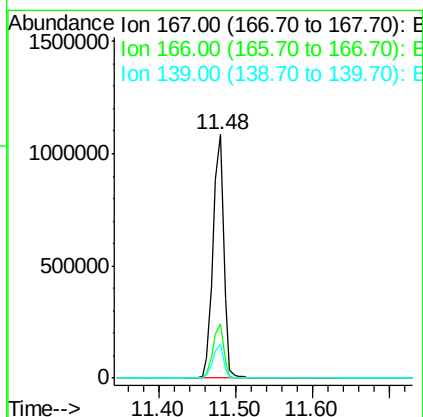
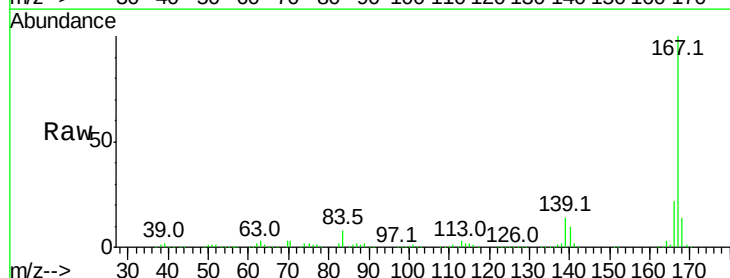
Instrument :
 BNA_F
 ClientSampleId :

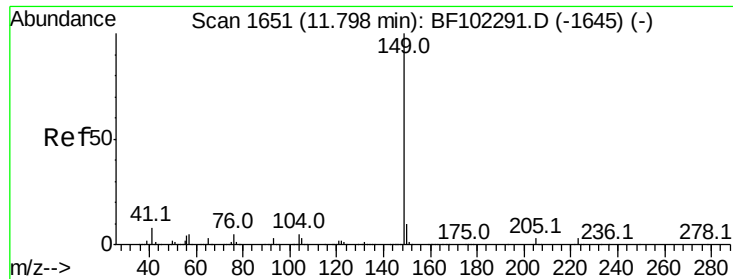
Tot Ion:178 Resp: 1061130
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 39.510 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion:167 Resp: 1031059
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.053 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

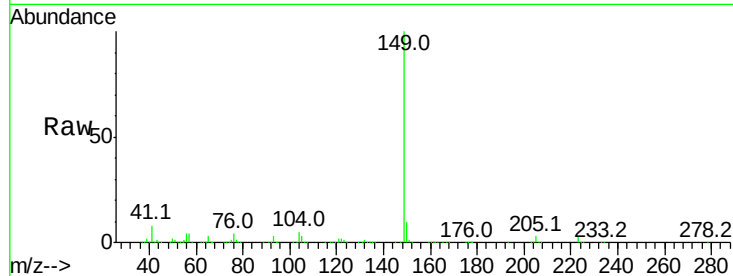
Tot Ion:149 Resp: 1306490

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

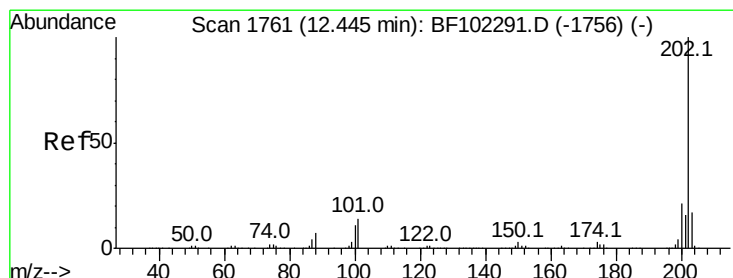
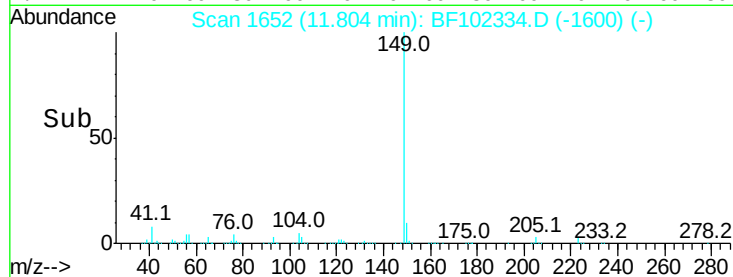
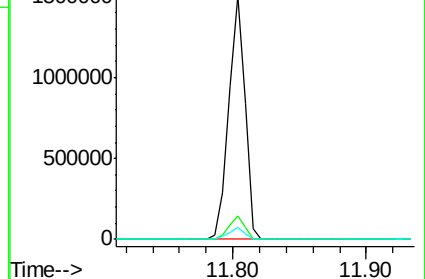
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.255 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

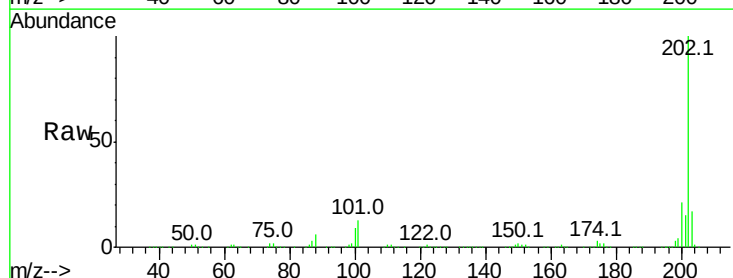
Tgt Ion:202 Resp: 1049080

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

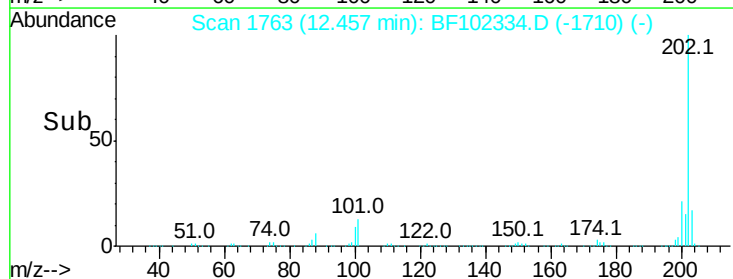
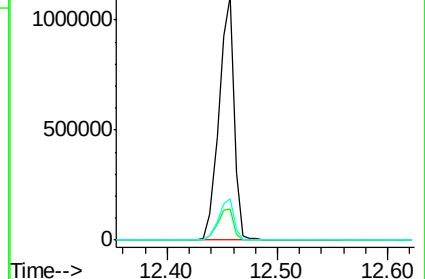
203 17.0 0.0 38.1

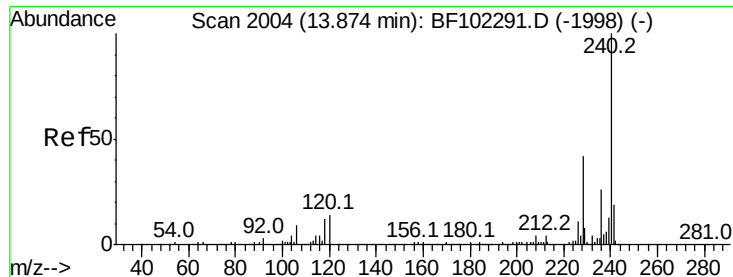


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampled :

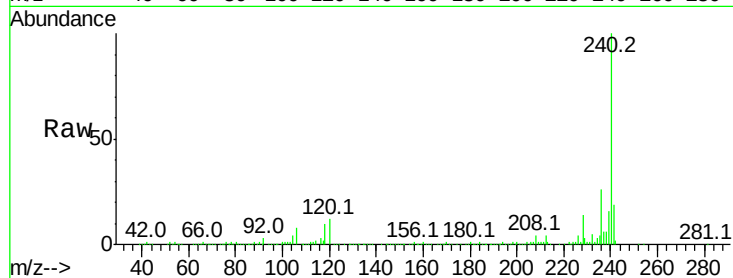
Tot Ion:240 Resp: 345542

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

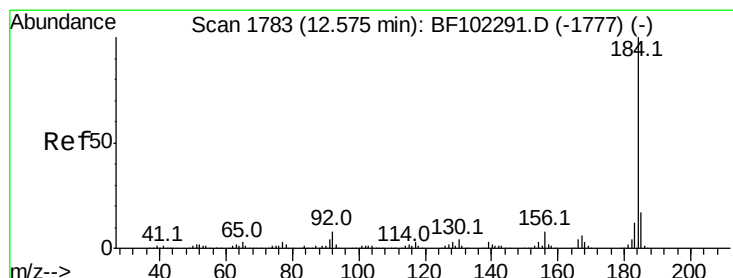
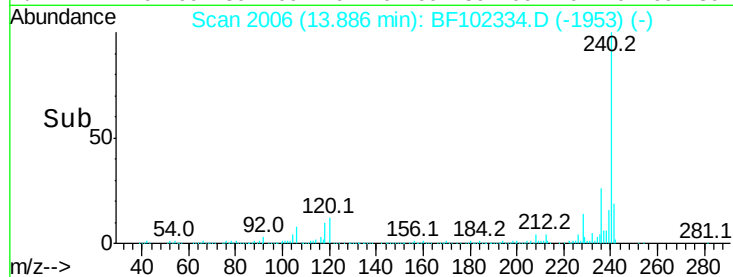
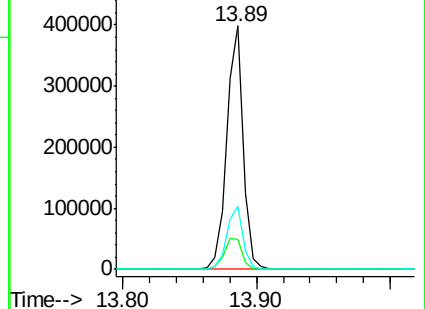
236 25.7 20.7 31.1



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: 37.328 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

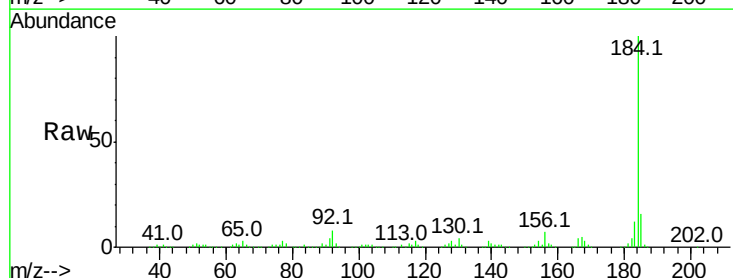
Tgt Ion:184 Resp: 433304

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

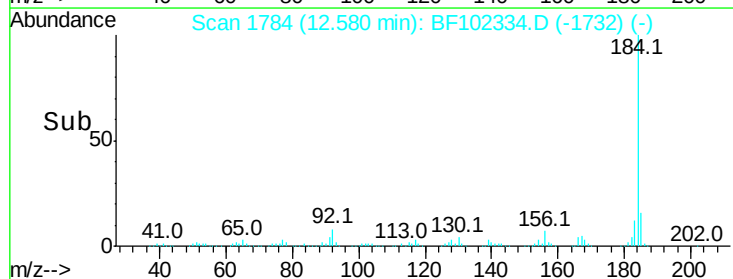
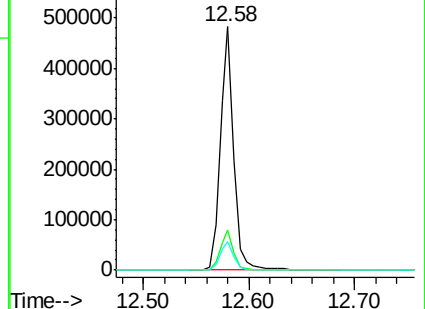
183 11.5 9.3 13.9

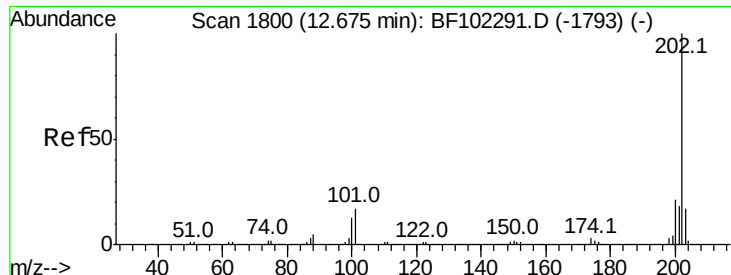


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



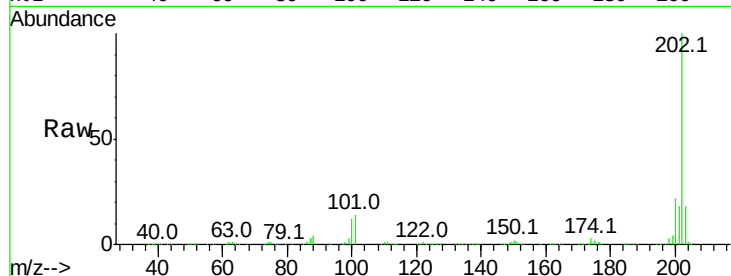


#77
 Pvrene
 Concen: 39.981 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

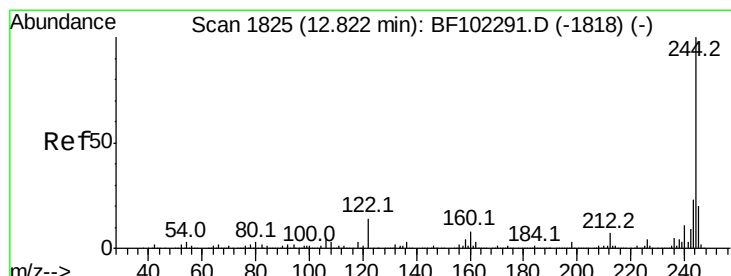
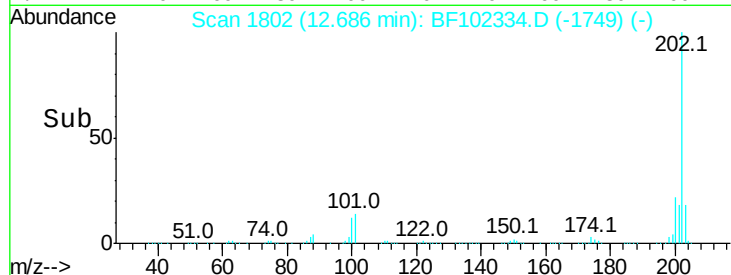
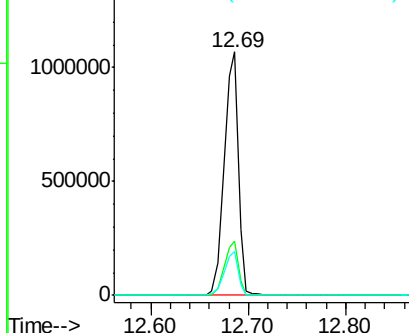
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1068142

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.8	14.3	21.5



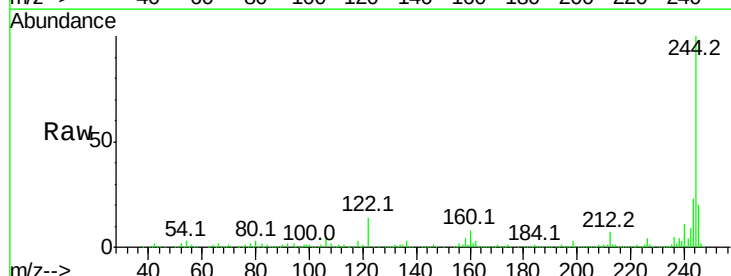
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



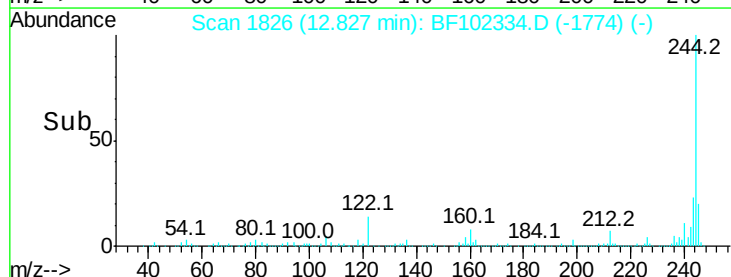
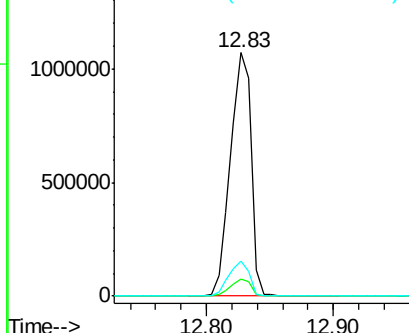
#78
 Terphenyl-d14
 Concen: 78.420 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

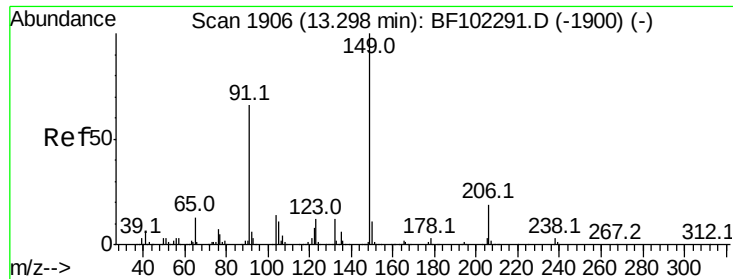
Tgt Ion:244 Resp: 1202007

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.4	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

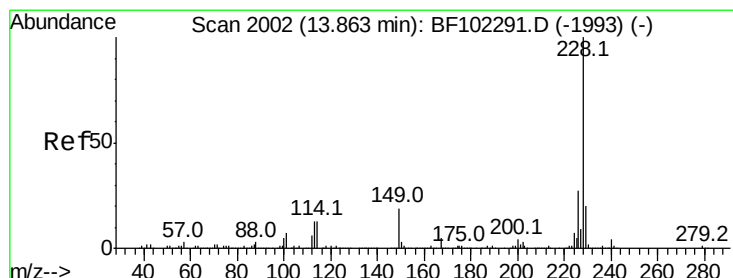
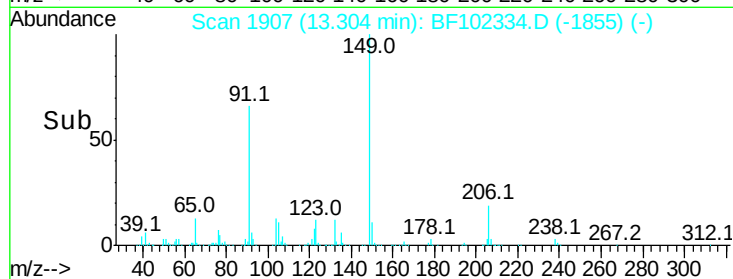
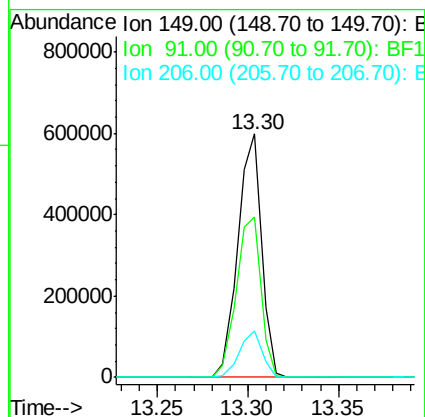
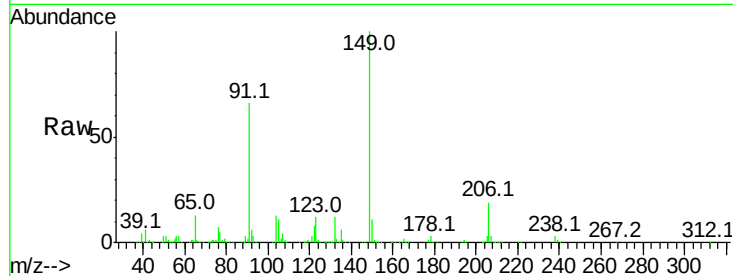




#79
Butylbenzylphthalate
Concen: 41.103 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

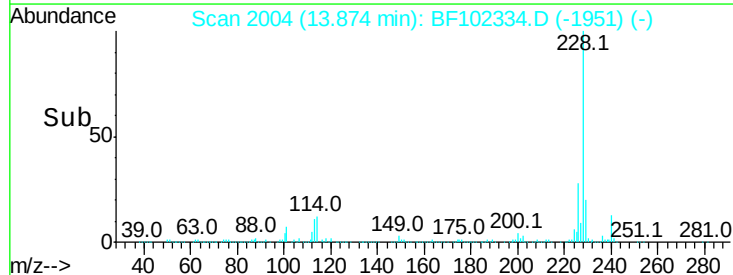
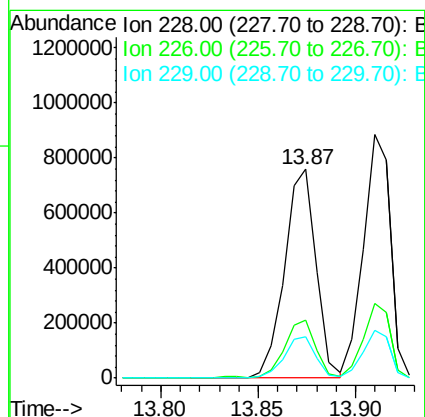
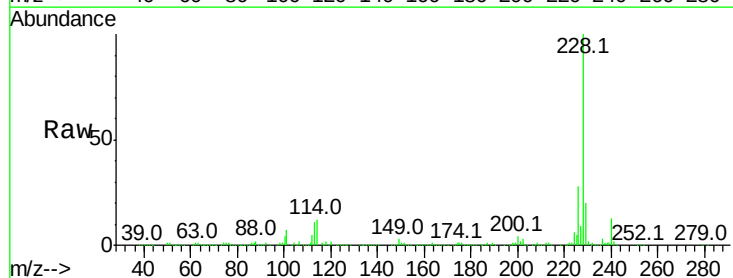
Instrument :
BNA_F
ClientSampleId :

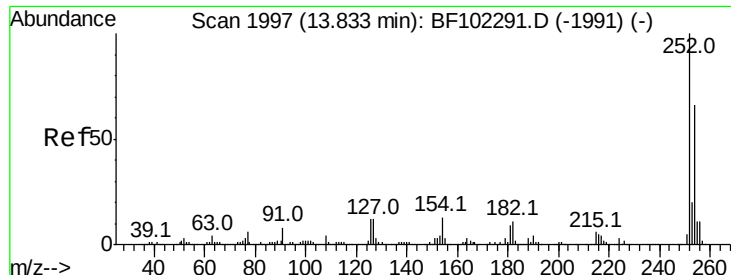
Tot Ion:149 Resp: 546476
Ion Ratio Lower Upper
149 100
91 66.0 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.738 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion:228 Resp: 845372
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 15.8 23.6

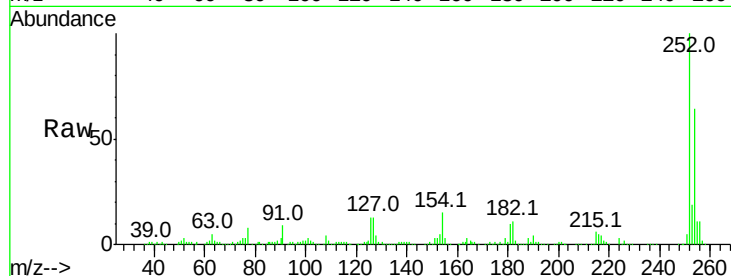




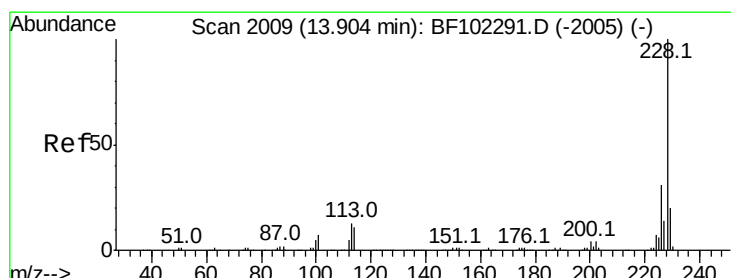
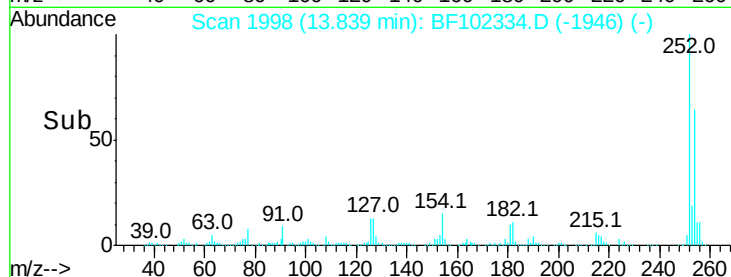
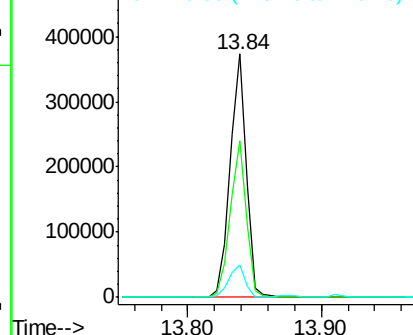
#81
 3,3'-Dichlorobenzidine
 Concen: 41.164 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	13.1	11.3	16.9

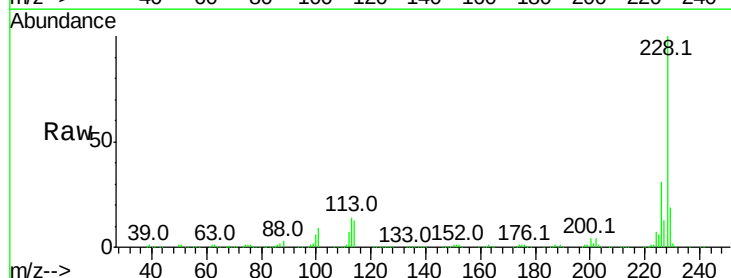


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

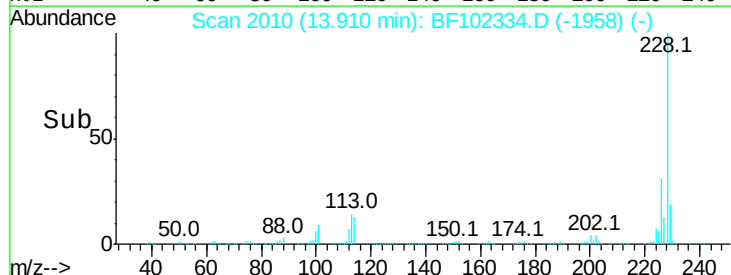
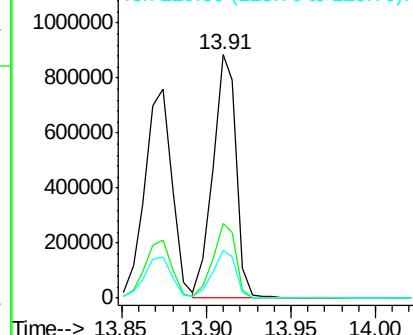


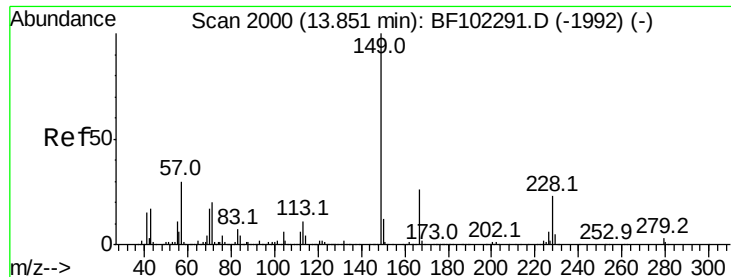
#82
 Chrysene
 Concen: 39.429 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF102334.D
 Acq: 23 Jan 2018 9:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.4	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: 41.236 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

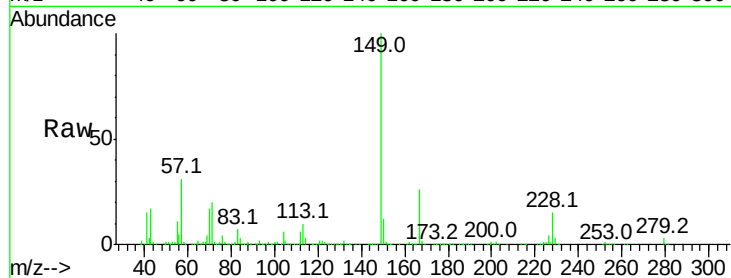
Tot Ion:149 Resp: 736775

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

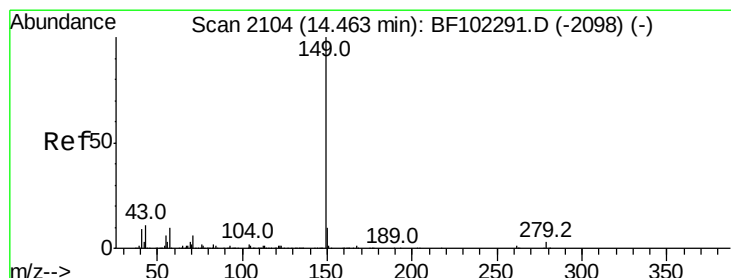
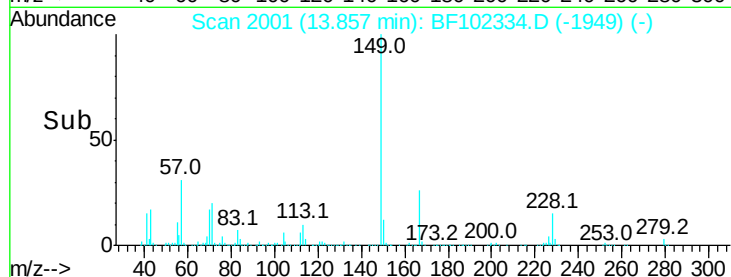
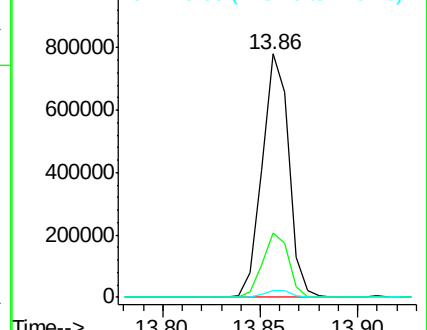
279 2.9 3.0 4.4#



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: 40.754 ng

RT: 14.47 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

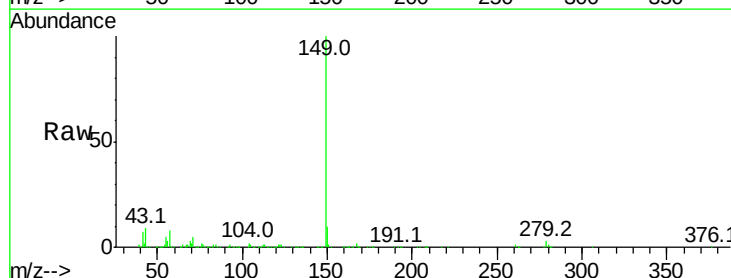
Tgt Ion:149 Resp: 1184200

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

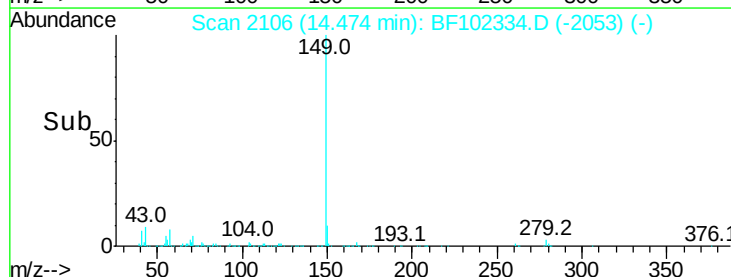
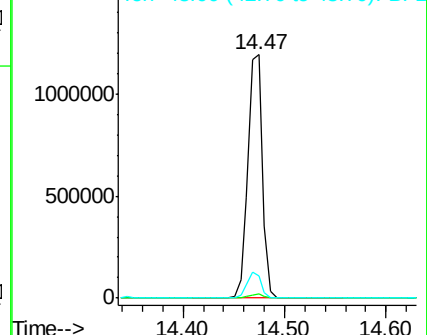
43 10.1 8.4 12.6

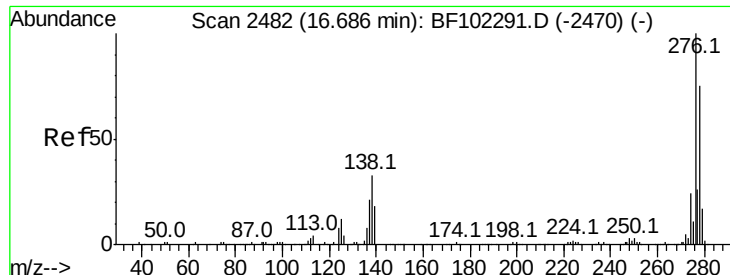


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

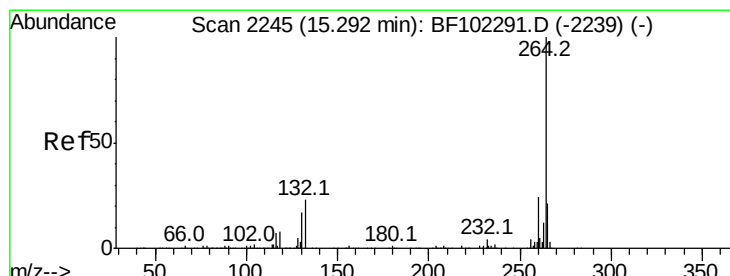
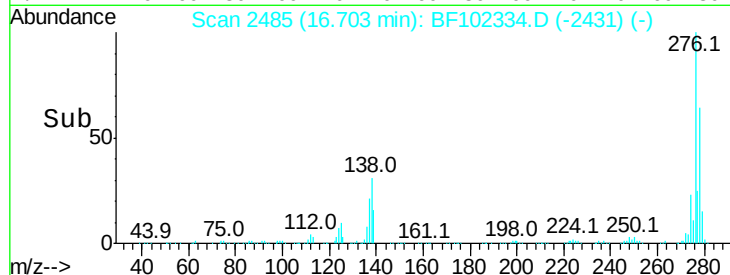
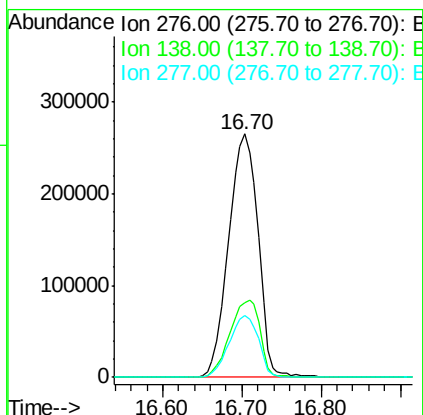
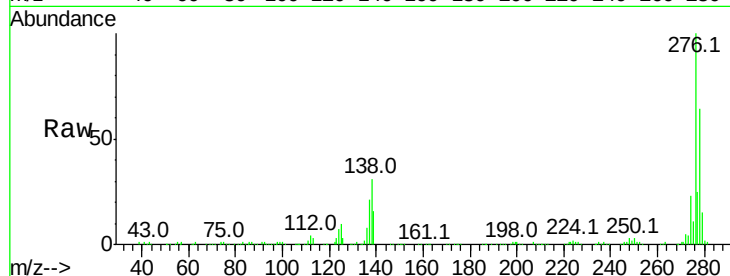




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.369 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.02 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

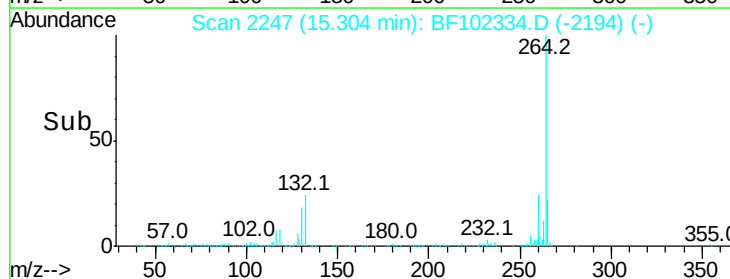
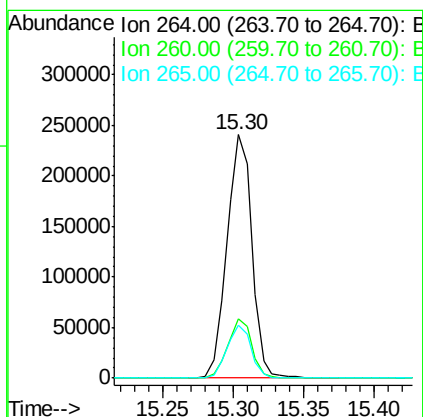
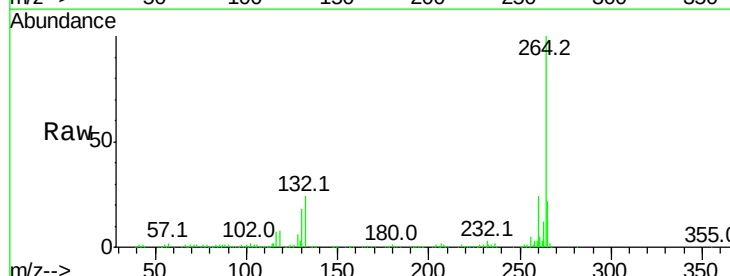
Instrument :
BNA_F
ClientSampleId :

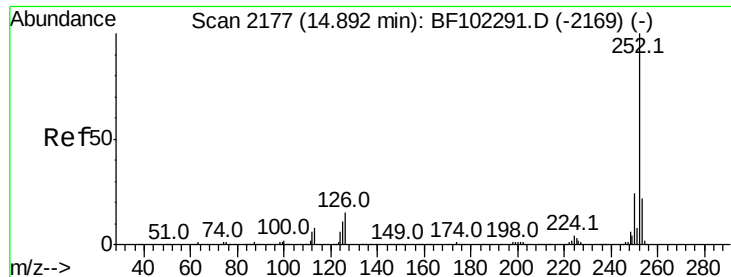
Tot Ion:276 Resp: 684558
Ion Ratio Lower Upper
276 100
138 32.3 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102334.D
Acq: 23 Jan 2018 9:56

Tgt Ion:264 Resp: 296271
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.0 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 42.239 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

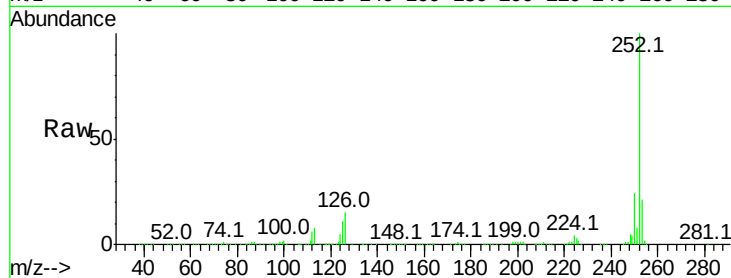
Tot Ion:252 Resp: 811112

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

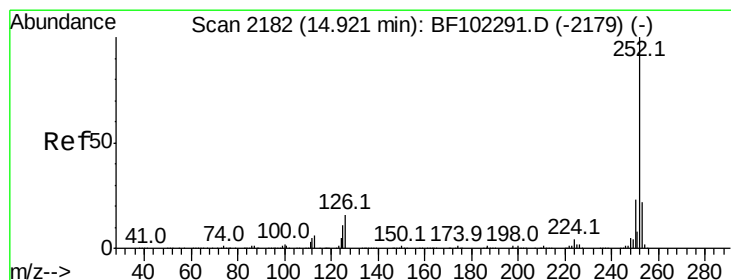
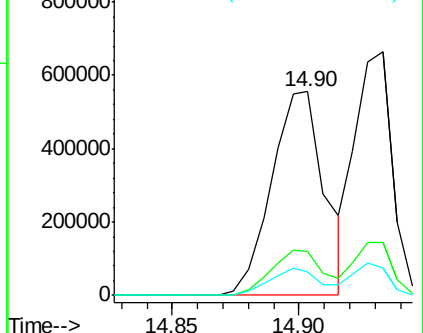
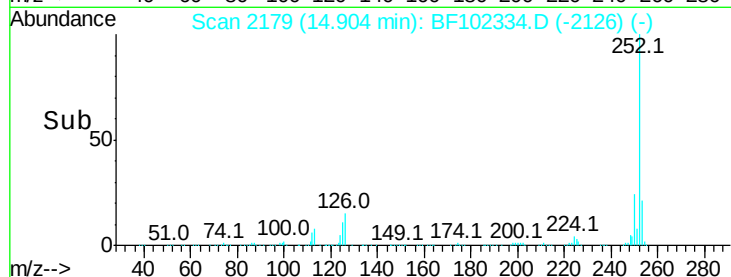
125 11.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.092 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

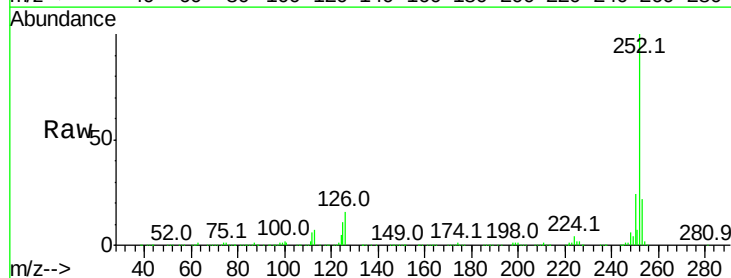
Tgt Ion:252 Resp: 691076

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

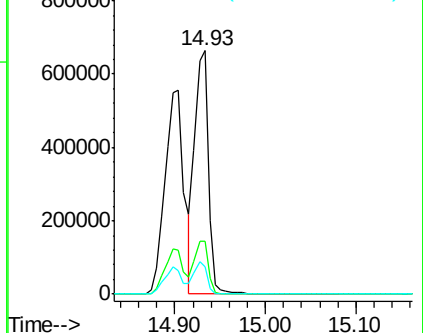
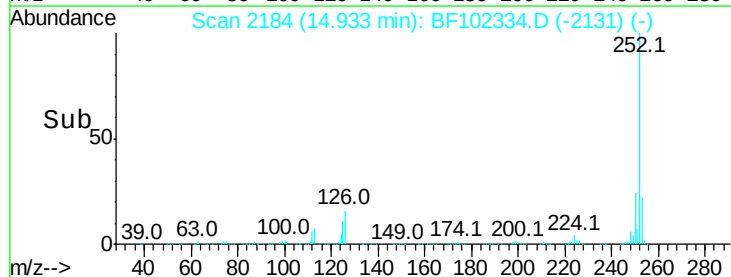
125 11.0 10.2 15.2

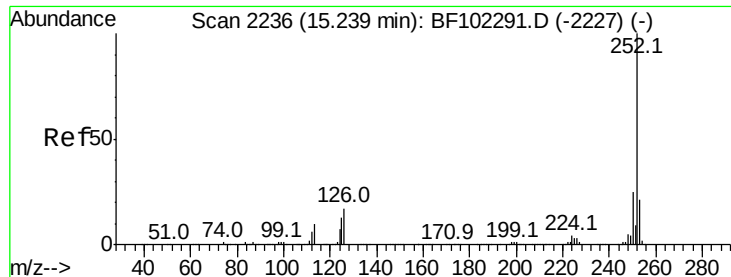


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.341 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

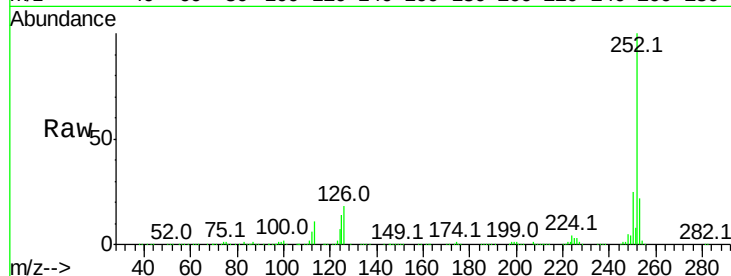
Tot Ion:252 Resp: 698655

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

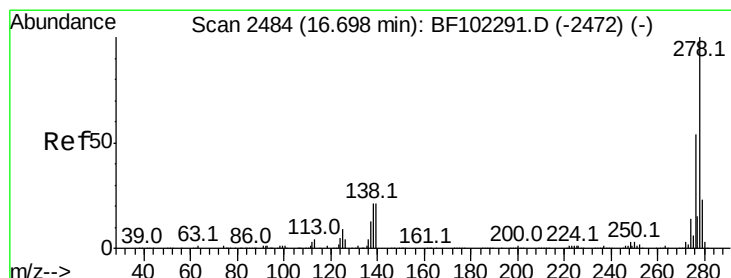
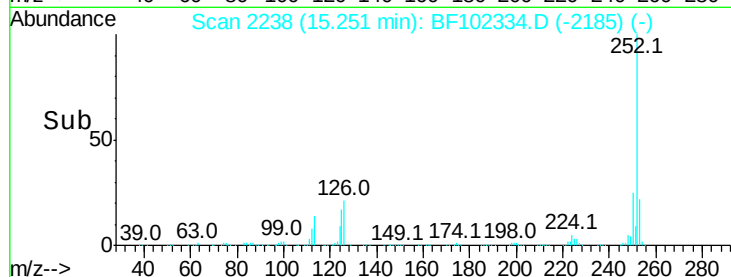
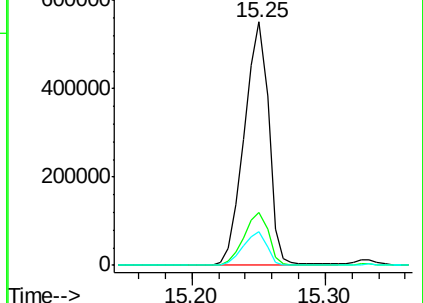
125 13.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.399 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.02 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

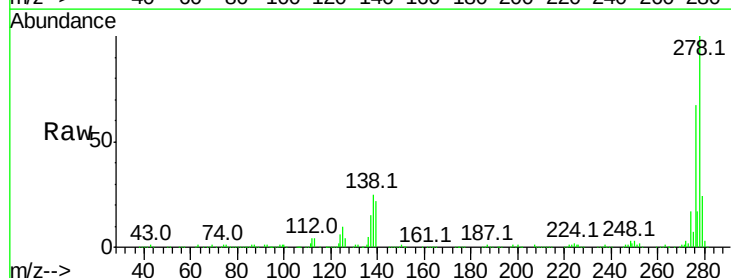
Tgt Ion:278 Resp: 552727

Ion Ratio Lower Upper

278 100

139 22.0 15.9 23.9

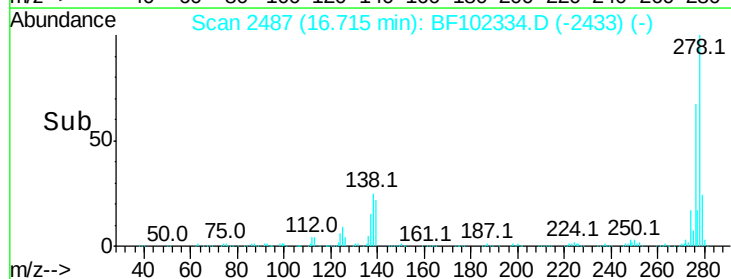
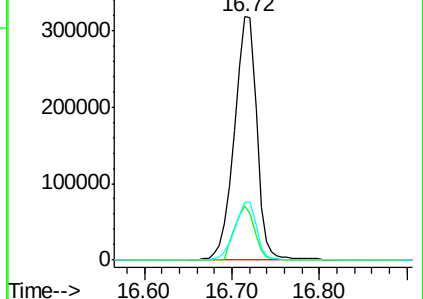
279 24.1 19.0 28.4

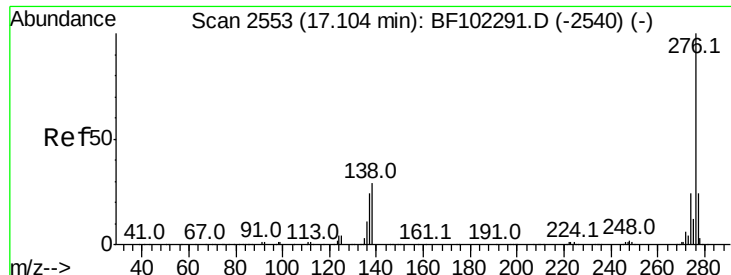


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.081 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF102334.D

Acq: 23 Jan 2018 9:56

Instrument :

BNA_F

ClientSampleId :

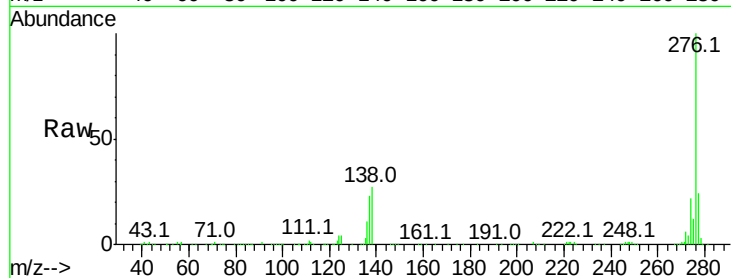
Tot Ion:276 Resp: 555210

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 27.0 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

