

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102345.D
 Acq On : 23 Jan 2018 15:00
 Operator : SJ/JU
 Sample : PB105838BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:41:25 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	150878	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	649541	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	294183	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	508106	20.00	ng	0.00
75) Chrysene-d12	13.88	240	364697	20.00	ng	0.00
86) Perylene-d12	15.30	264	290388	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1199474	120.54	ng	0.02
7) Phenol-d6	6.37	99	1441166	120.13	ng	0.01
23) Nitrobenzene-d5	7.29	82	928971	82.19	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	314190	107.79	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1676840	83.81	ng	0.00
78) Terphenyl-d14	12.83	244	1434406	88.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	171370	36.247	ng	96
3) Pyridine	3.17	79	481881	39.002	ng	96
4) n-Nitrosodimethylamine	3.13	42	230594	47.606	ng	99
6) Aniline	6.39	93	417389	26.305	ng	# 21
8) 2-Chlorophenol	6.51	128	463269	44.413	ng	96
9) Benzaldehyde	6.27	77	265900	39.909	ng	96
10) Phenol	6.38	94	545893	41.681	ng	74
11) bis(2-Chloroethyl)ether	6.46	93	430068	43.175	ng	98
12) 1,3-Dichlorobenzene	6.66	146	497346	40.091	ng	98
13) 1,4-Dichlorobenzene	6.73	146	500565	40.281	ng	99
14) 1,2-Dichlorobenzene	6.89	146	460394	40.504	ng	99
15) Benzyl Alcohol	6.87	79	358318	42.333	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	703484	42.109	ng	94
17) 2-Methylphenol	6.99	107	393567	43.444	ng	# 93
18) Hexachloroethane	7.22	117	181581	41.932	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	313582	42.714	ng	97
20) 3+4-Methylphenols	7.14	107	465299	43.672	ng	# 81
22) Acetophenone	7.13	105	638267	41.221	ng	# 93
24) Nitrobenzene	7.31	77	483673	41.815	ng	96
25) Isophorone	7.55	82	912488	45.284	ng	98
26) 2-Nitrophenol	7.62	139	270757	44.475	ng	93
27) 2,4-Dimethylphenol	7.66	122	432019	48.871	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	581702	46.732	ng	99
29) 2,4-Dichlorophenol	7.86	162	405829	45.069	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	391773	40.588	ng	99
31) Naphthalene	8.02	128	1347185	41.541	ng	99
32) Benzoic acid	7.79	122	149136	20.137	ng	97
33) 4-Chloroaniline	8.07	127	252545	18.518	ng	99
34) Hexachlorobutadiene	8.13	225	207276	40.206	ng	99
35) Caprolactam	8.46	113	83427	28.053	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	440965	46.459	ng	97
37) 2-Methylnaphthalene	8.72	142	925560	42.854	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	357975	40.446	ng	99
40) Hexachlorocyclopentadiene	8.86	237	335790	84.775	ng	97

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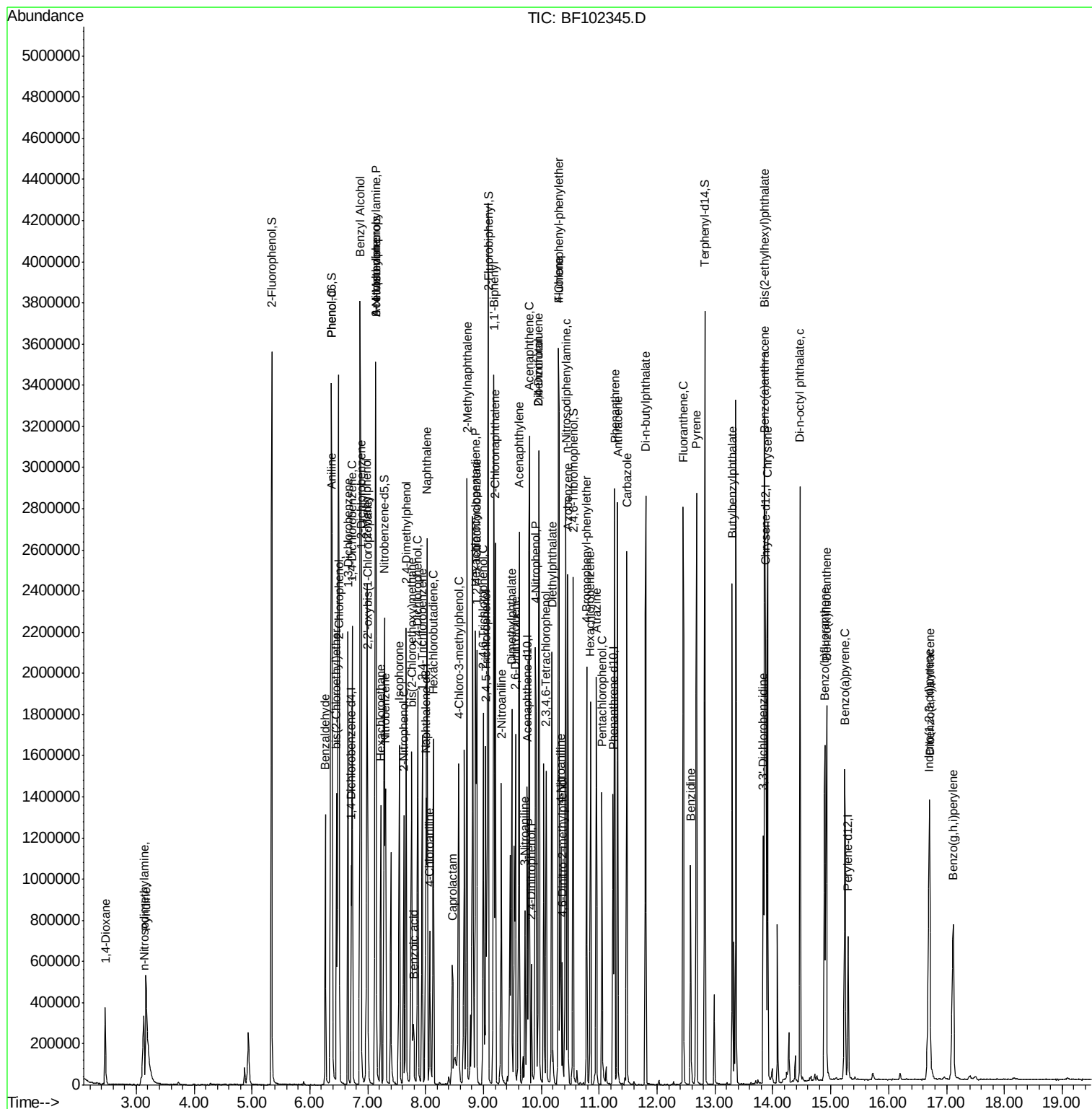
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	252840	42.674	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	270191	40.502	nq	95
45) 1,1'-Biphenyl	9.18	154	1061677	40.361	nq	99
46) 2-Chloronaphthalene	9.20	162	835384	40.857	nq	98
47) 2-Nitroaniline	9.31	65	278123	43.631	nq	98
48) Acenaphthylene	9.62	152	1262294	39.627	nq	99
49) Dimethylphthalate	9.49	163	1010067	41.539	nq	100
50) 2,6-Dinitrotoluene	9.55	165	225054	42.928	nq	98
51) Acenaphthene	9.79	154	731598	39.325	nq	99
52) 3-Nitroaniline	9.72	138	149259	24.067	nq	99
53) 2,4-Dinitrophenol	9.83	184	79979	36.126	nq	# 22
54) Dibenzofuran	9.96	168	1078278	42.827	nq	97
55) 4-Nitrophenol	9.90	139	300018	73.285	nq	97
56) 2,4-Dinitrotoluene	9.96	165	260209	40.361	nq	# 91
57) Fluorene	10.30	166	841775	42.192	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	193123	40.545	nq	97
59) Diethylphthalate	10.19	149	959183	40.593	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	363945	42.075	nq	99
61) 4-Nitroaniline	10.34	138	250761	40.520	nq	89
62) Azobenzene	10.46	77	896184	41.425	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	66998	19.764	nq	96
65) n-Nitrosodiphenylamine	10.42	169	775406	41.578	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	235847	43.118	nq	94
67) Hexachlorobenzene	10.85	284	246348	40.271	nq	93
68) Atrazine	10.95	200	244121	44.321	nq	100
69) Pentachlorophenol	11.05	266	173243	53.911	nq	100
70) Phenanthrene	11.27	178	1189715	40.182	nq	99
71) Anthracene	11.32	178	1241443	41.079	nq	99
72) Carbazole	11.47	167	1161106	39.382	nq	100
73) Di-n-butylphthalate	11.80	149	1468781	39.855	nq	99
74) Fluoranthene	12.45	202	1208650	40.030	nq	100
76) Benzidine	12.57	184	455397	37.171	nq	97
77) Pyrene	12.68	202	1210345	42.924	nq	99
79) Butylbenzylphthalate	13.30	149	622130	44.335	nq	98
80) Benzo(a)anthracene	13.87	228	932186	41.517	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	228287	27.716	nq	98
82) Chrysene	13.91	228	913809	40.077	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	808746	42.886	nq	# 100
84) Di-n-octyl phthalate	14.47	149	1356027	44.217	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	751955	39.933	nq	98
87) Benzo(b)fluoranthene	14.90	252	829641	44.079	nq	98
88) Benzo(k)fluoranthene	14.93	252	761271	42.811	nq	99
89) Benzo(a)pyrene	15.24	252	757116	44.602	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	613093	44.587	nq	100
91) Benzo(g,h,i)perylene	17.12	276	645732	47.560	nq	97

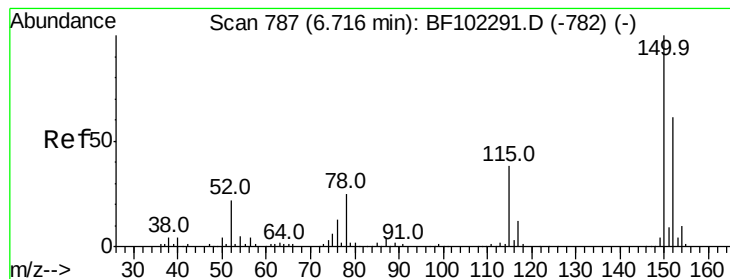
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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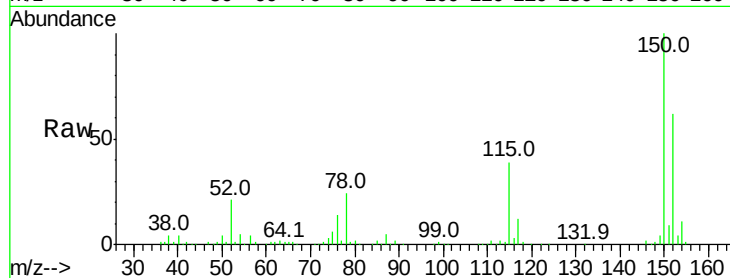


#1

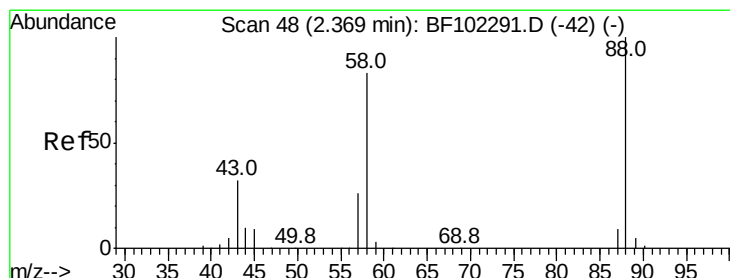
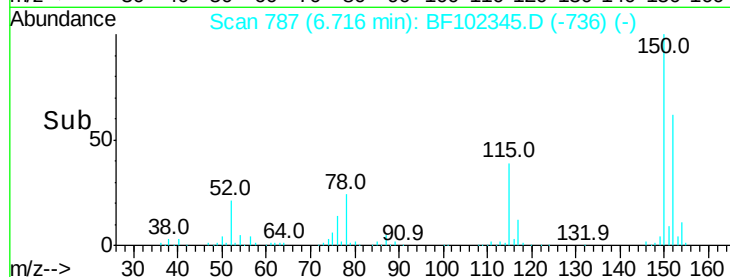
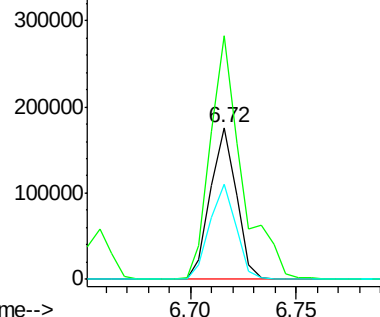
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150878
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 62.7 50.1 75.1



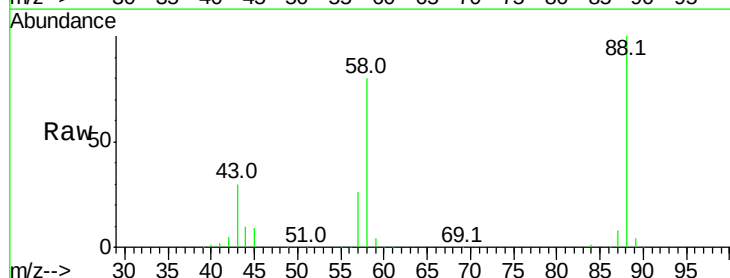
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



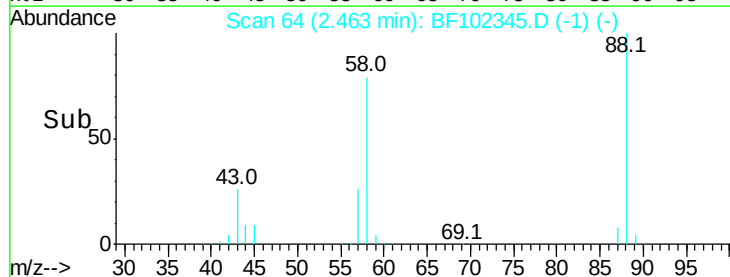
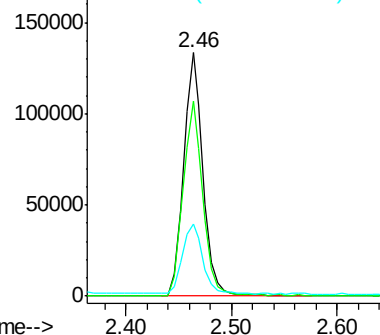
#2

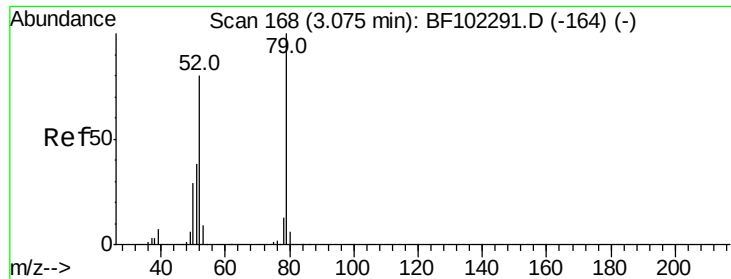
1,4-Dioxane
Concen: 36.247 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.09 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion: 88 Resp: 171370
Ion Ratio Lower Upper
88 100
58 82.3 62.6 93.8
43 30.3 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: 39.002 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.09 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampled :

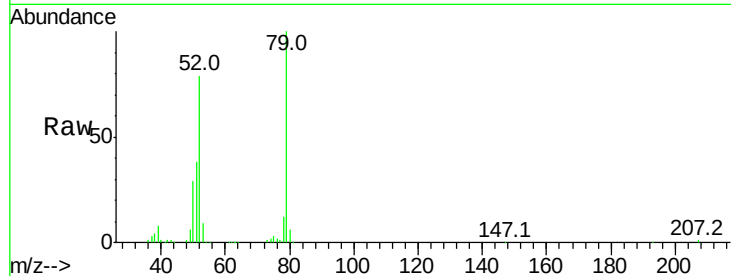
Tot Ion: 79 Resp: 481881

Ion Ratio Lower Upper

79 100

52 79.1 59.8 89.6

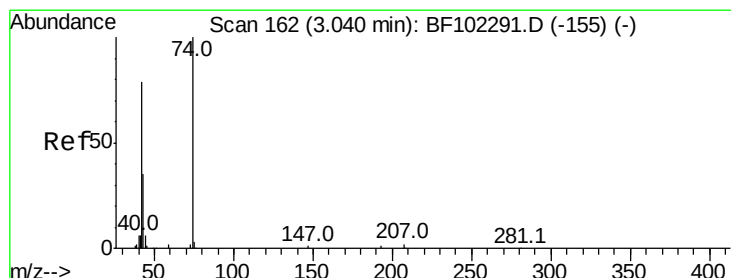
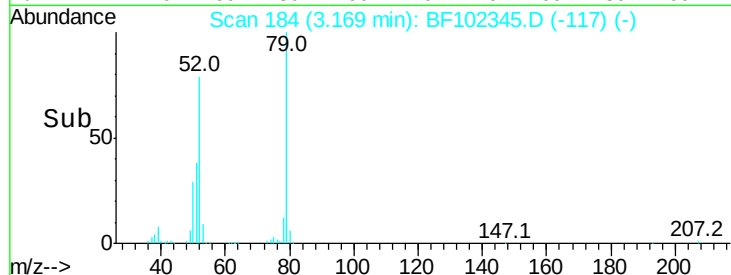
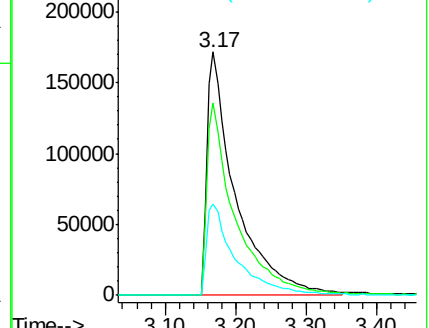
51 37.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.606 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.09 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

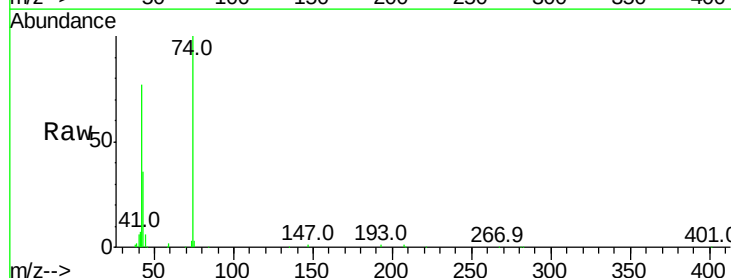
Tgt Ion: 42 Resp: 230594

Ion Ratio Lower Upper

42 100

74 129.6 104.9 157.3

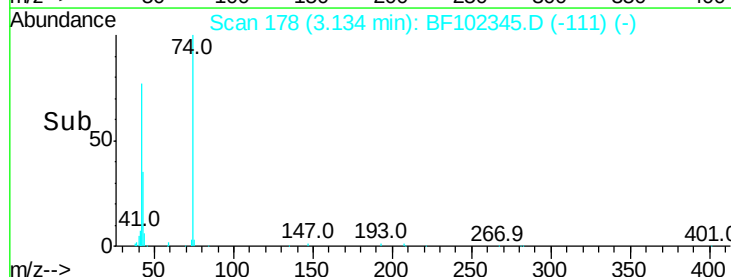
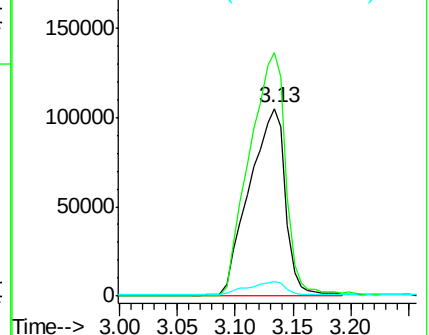
44 7.9 6.9 10.3

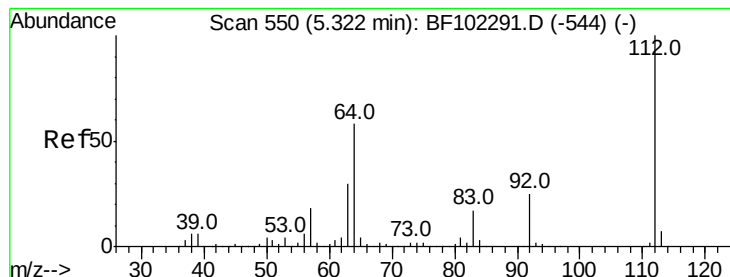


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.542 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampleId :

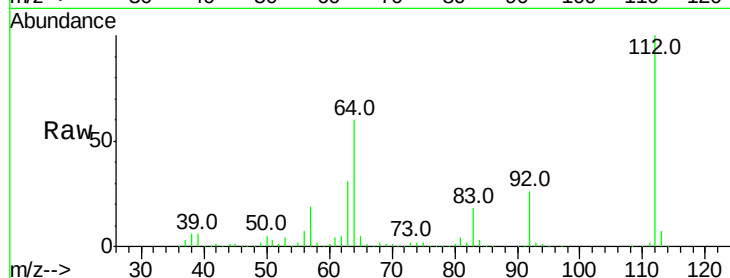
Tot Ion:112 Resp: 1199474

Ion Ratio Lower Upper

112 100

64 59.9 47.9 71.9

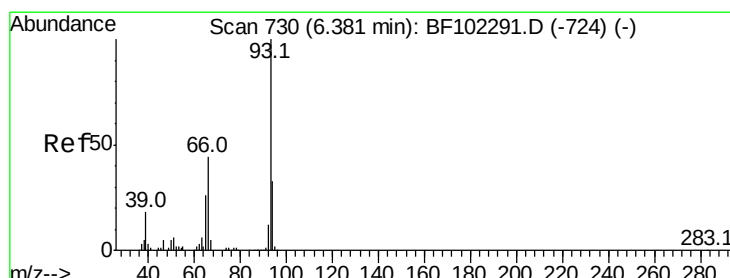
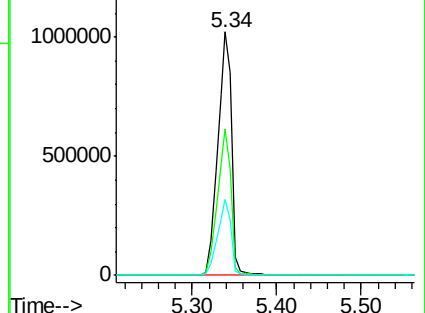
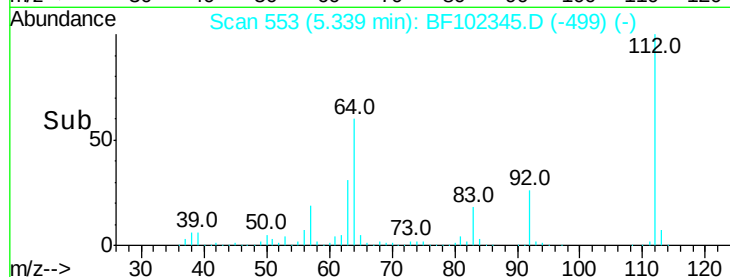
63 31.2 23.7 35.5



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: 26.305 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

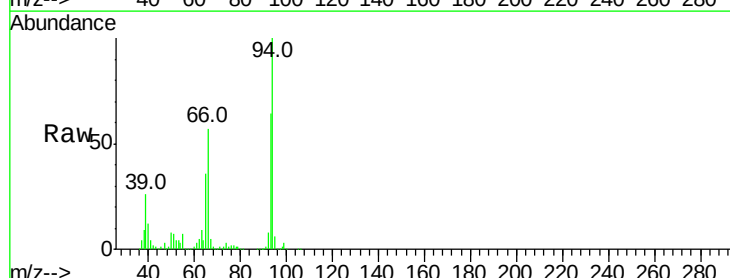
Tgt Ion: 93 Resp: 417389

Ion Ratio Lower Upper

93 100

66 89.6 32.2 48.2#

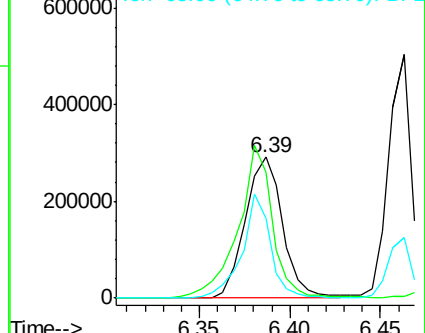
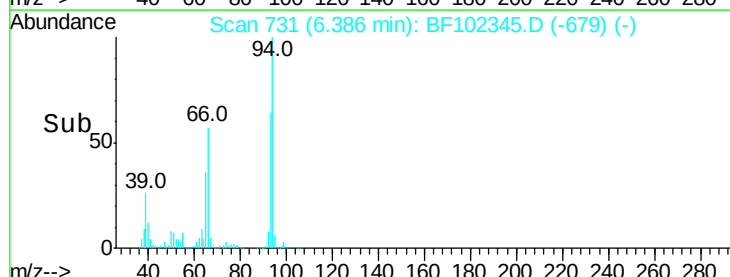
65 56.5 16.4 24.6#

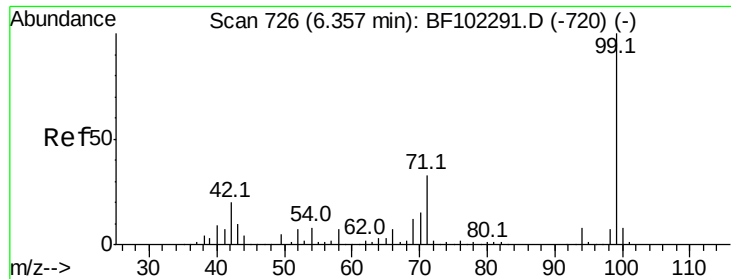


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.133 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

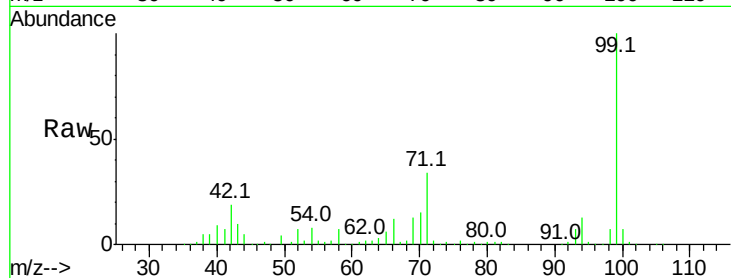
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1441166

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	33.5	25.4	38.0

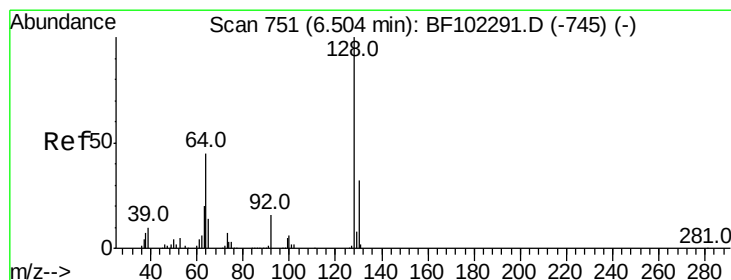
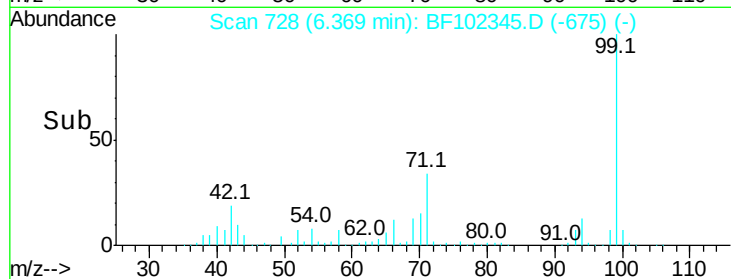
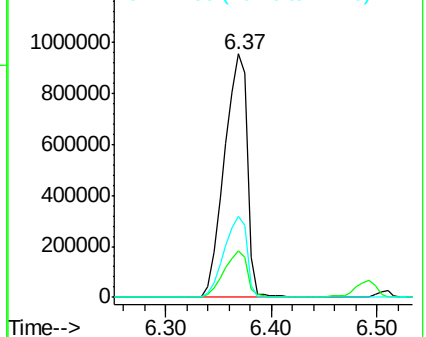


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.413 ng

RT: 6.51 min Scan# 752

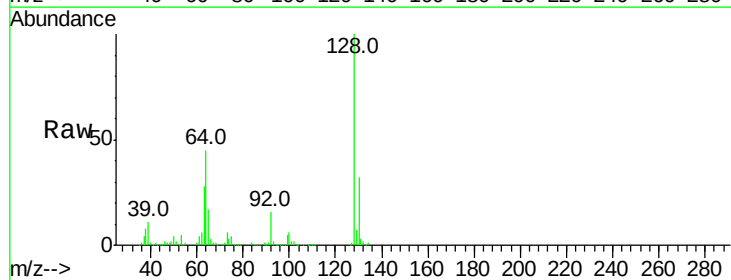
Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Tgt Ion:128 Resp: 463269

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	45.1	29.4	69.4

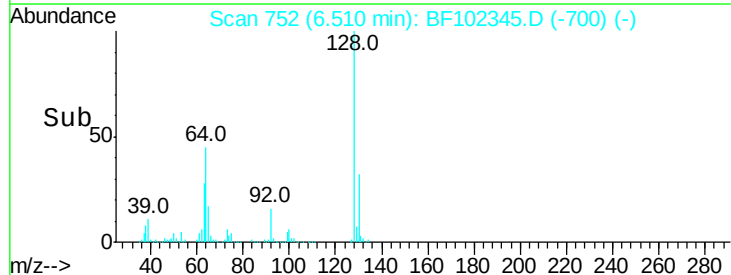
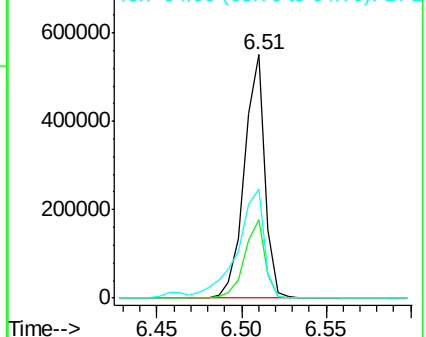


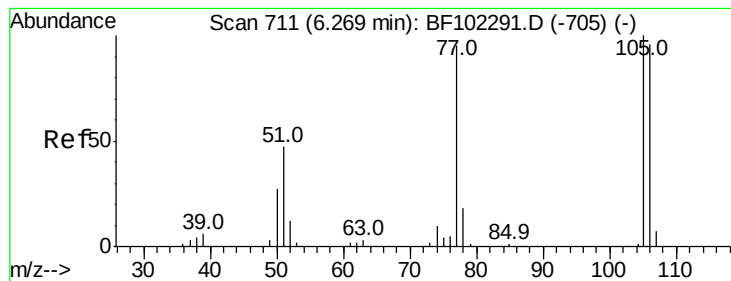
Abundance

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: 39.909 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

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Acq: 23 Jan 2018 15:00

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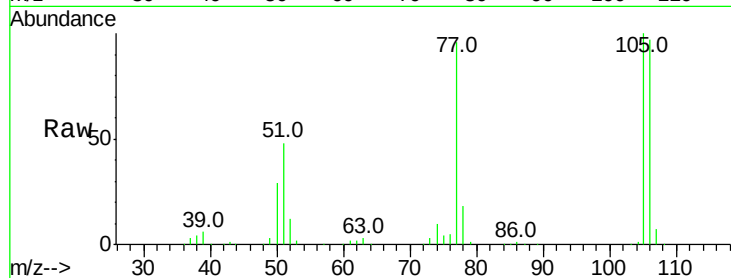
Tot Ion: 77 Resp: 265900

Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

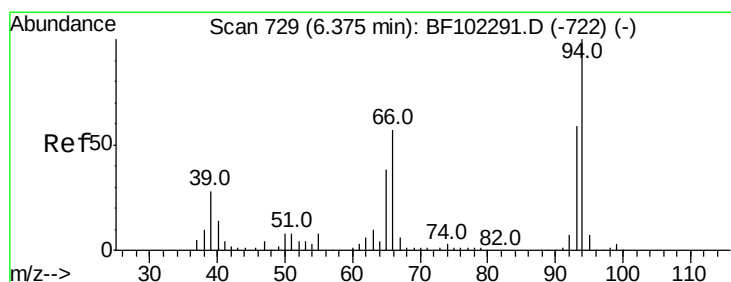
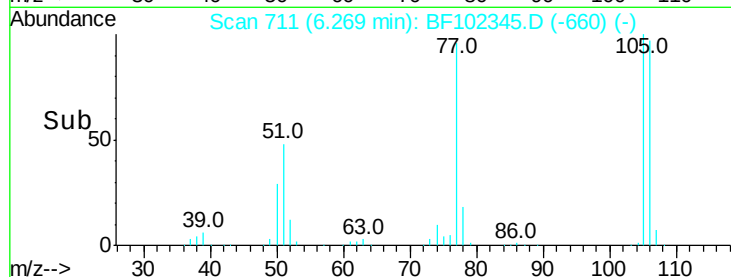
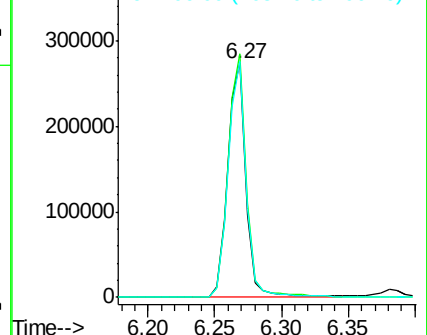
106 100.5 74.5 114.5



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: 41.681 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

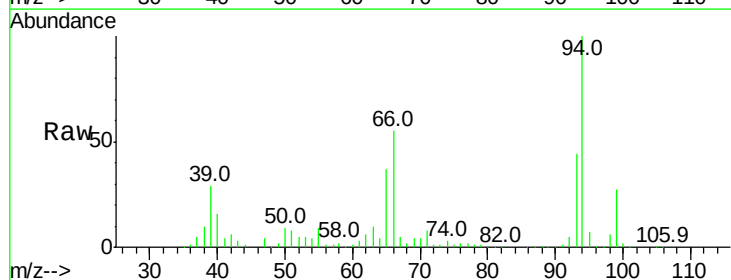
Tgt Ion: 94 Resp: 545893

Ion Ratio Lower Upper

94 100

65 37.4 7.9 47.9

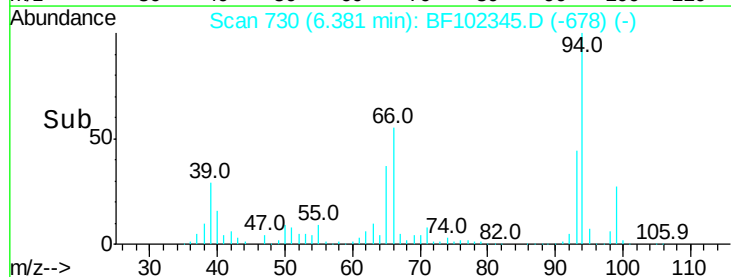
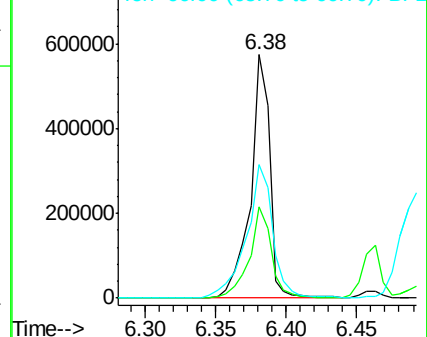
66 55.0 16.2 56.2

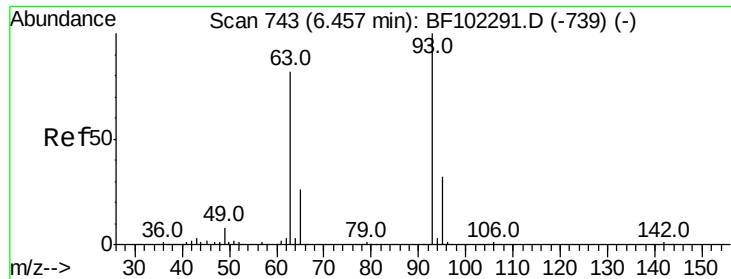


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.175 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

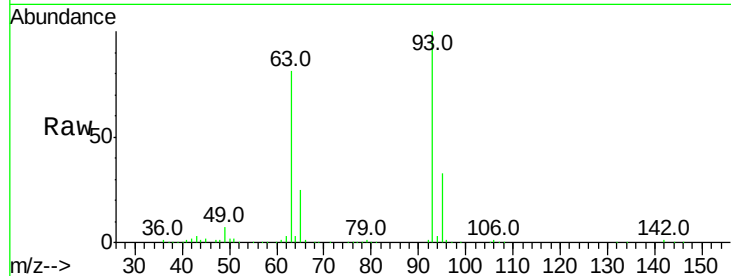
Tot Ion: 93 Resp: 430068

Ion Ratio Lower Upper

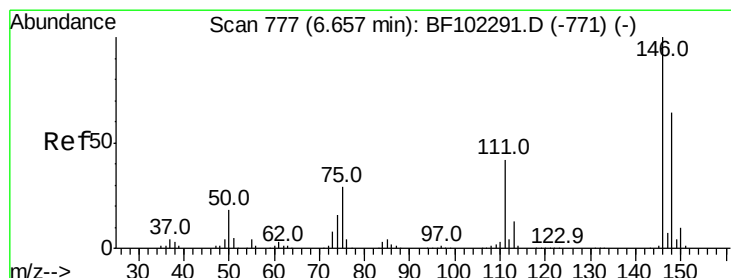
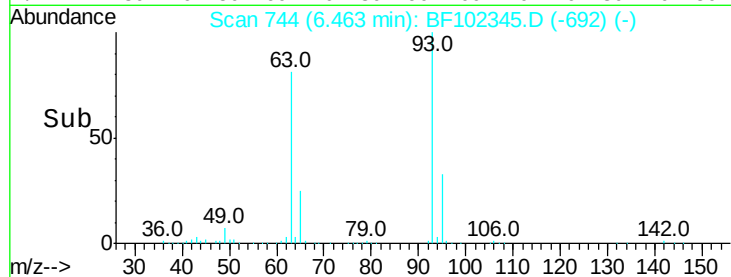
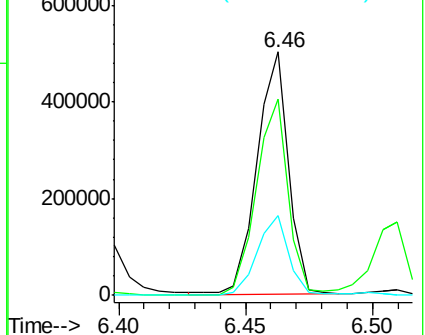
93 100

63 80.7 58.6 98.6

95 32.8 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: 40.091 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

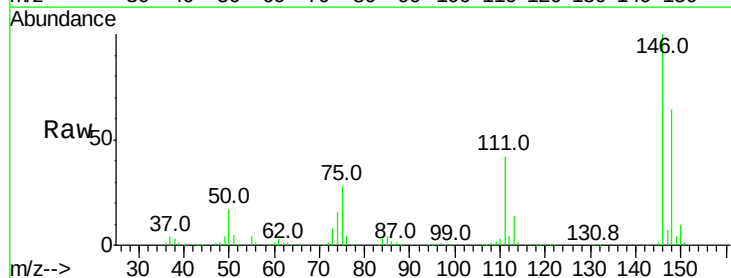
Tgt Ion:146 Resp: 497346

Ion Ratio Lower Upper

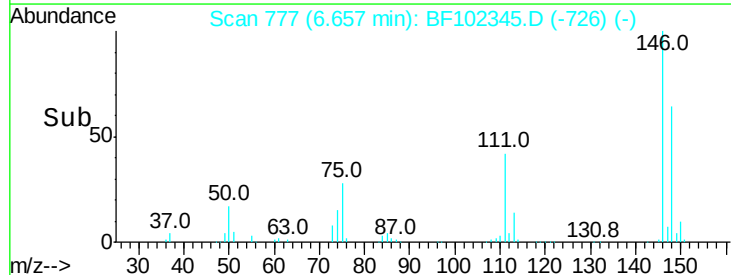
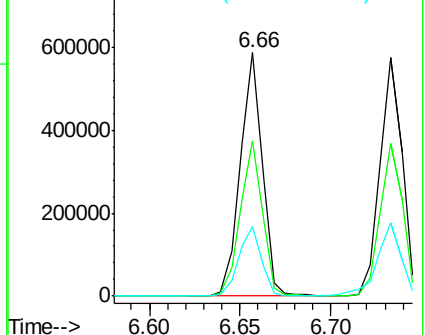
146 100

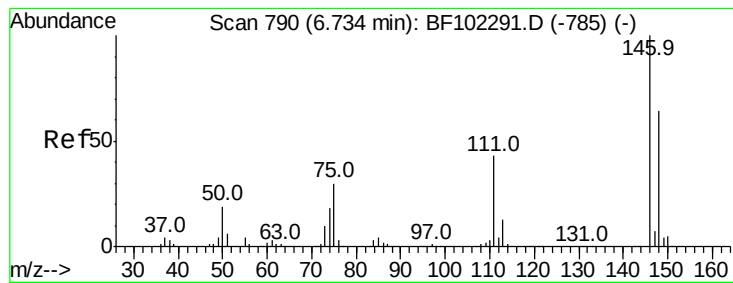
148 63.6 51.8 77.8

75 28.5 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: 40.281 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

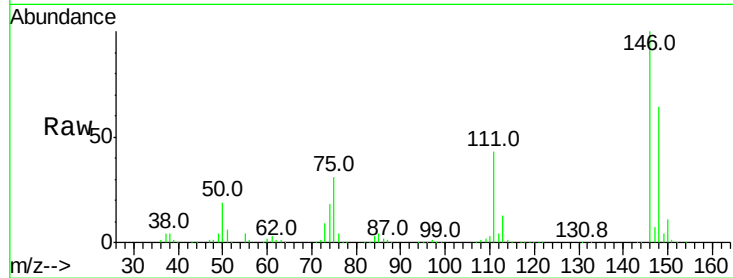
Tot Ion:146 Resp: 500565

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

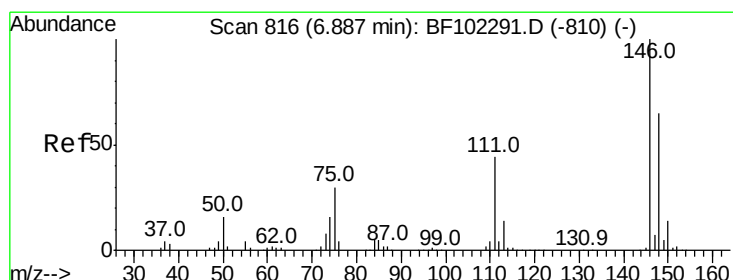
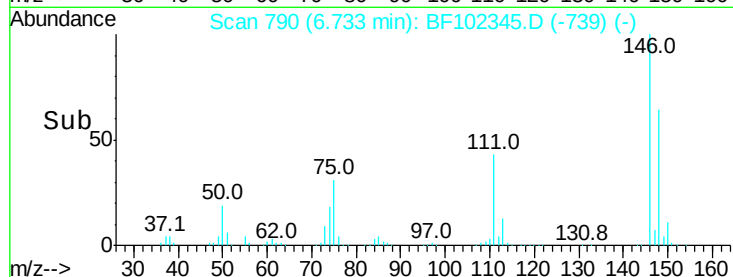
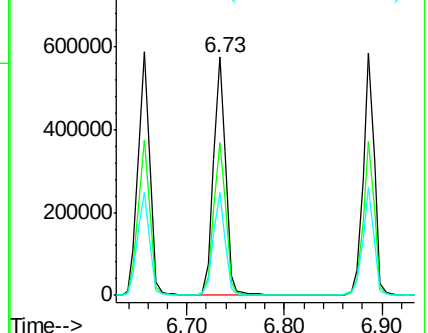
111 43.1 34.2 51.2



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: 40.504 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

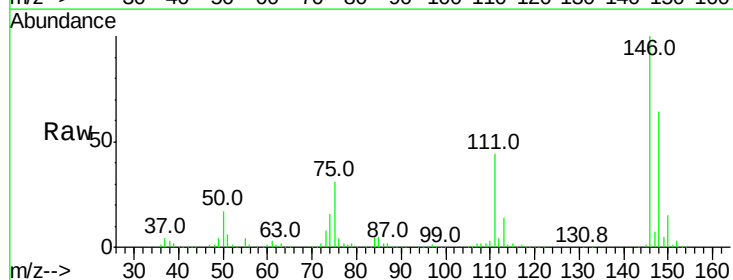
Tgt Ion:146 Resp: 460394

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

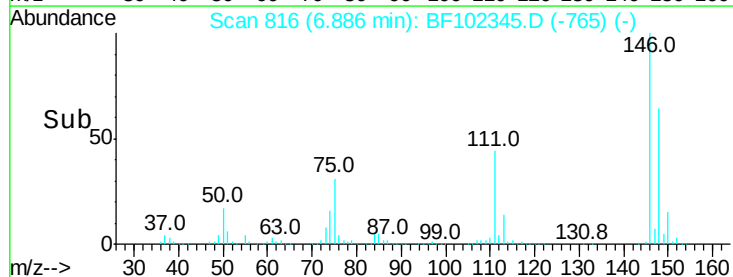
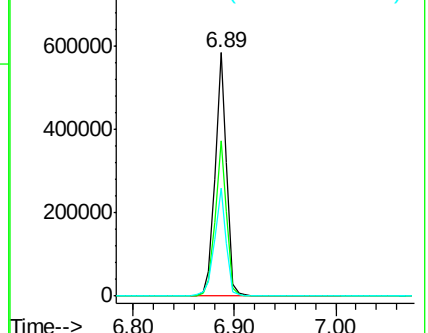
111 44.3 36.0 54.0

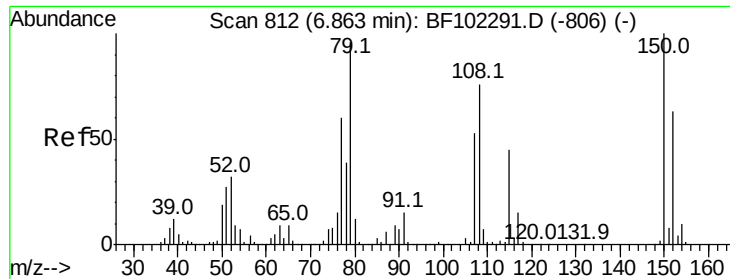


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

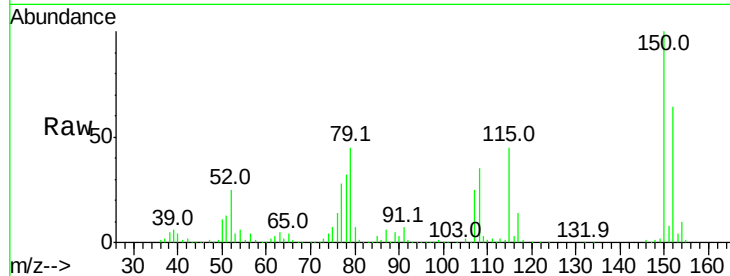




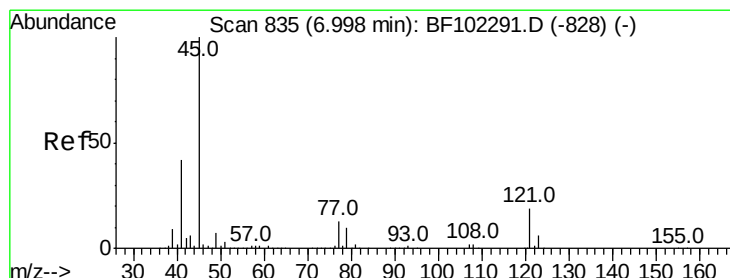
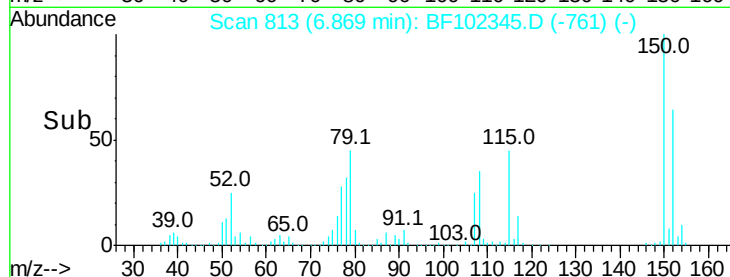
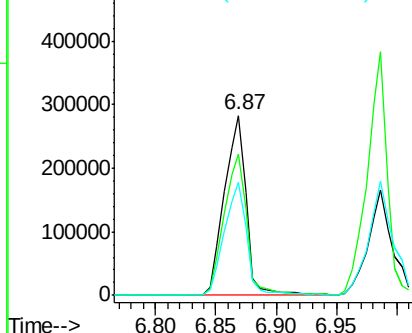
#15
Benzyl Alcohol
Concen: 42.333 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 358318
Ion Ratio Lower Upper
79 100
108 78.6 65.1 97.7
77 63.2 50.6 75.8

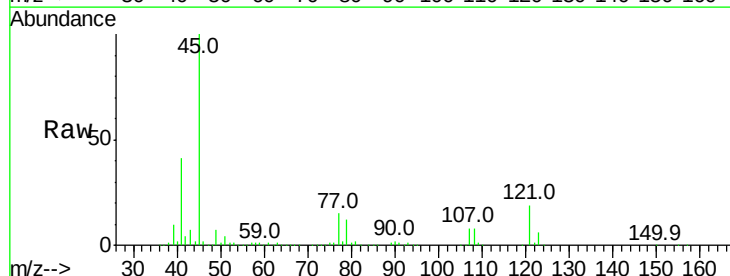


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

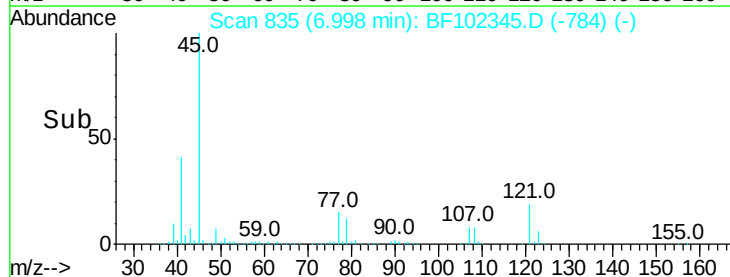
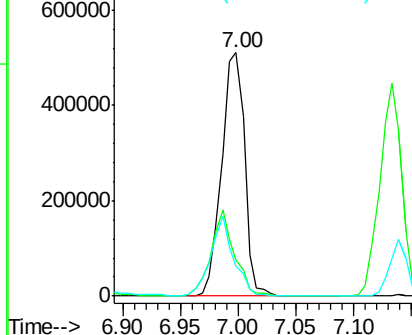


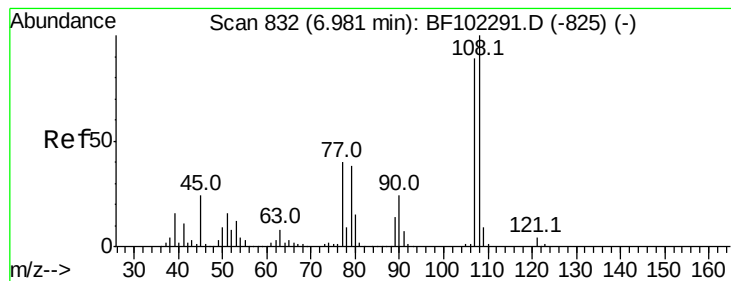
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.109 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion: 45 Resp: 703484
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.9
79 12.2 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

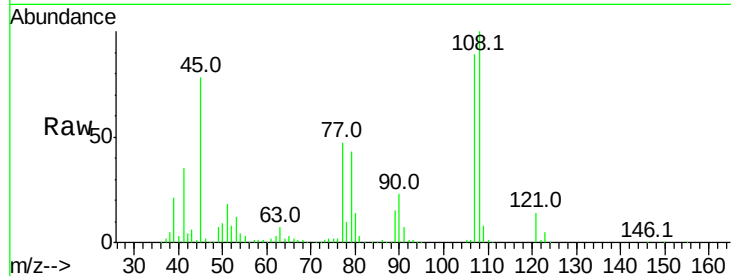




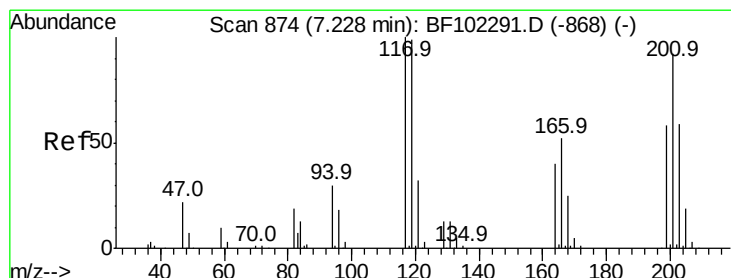
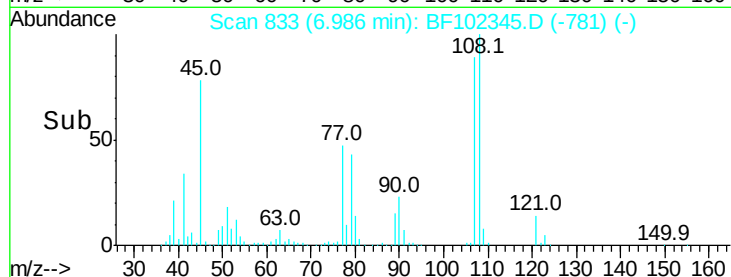
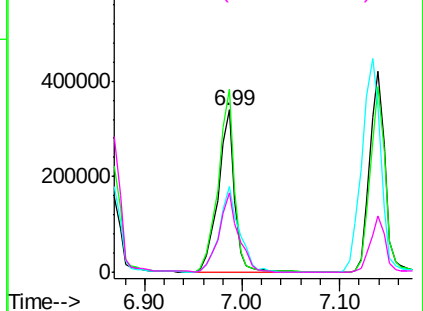
#17
2-Methylphenol
Concen: 43.444 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 393567
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 52.9 33.8 50.8#
79 48.9 33.8 50.8

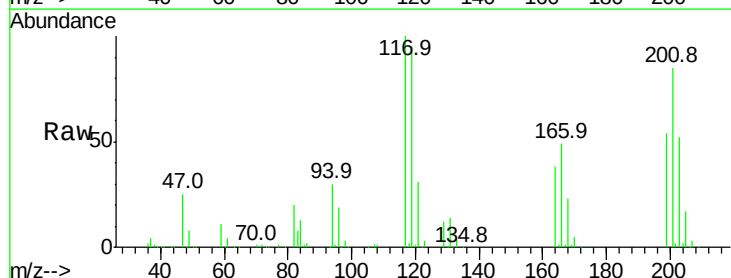


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

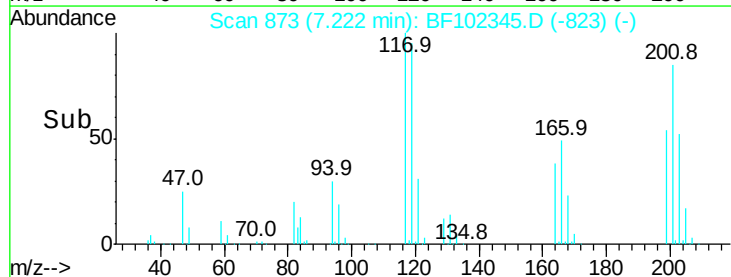
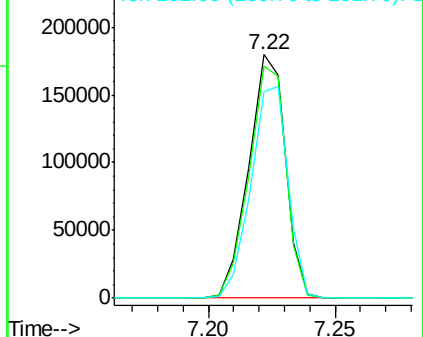


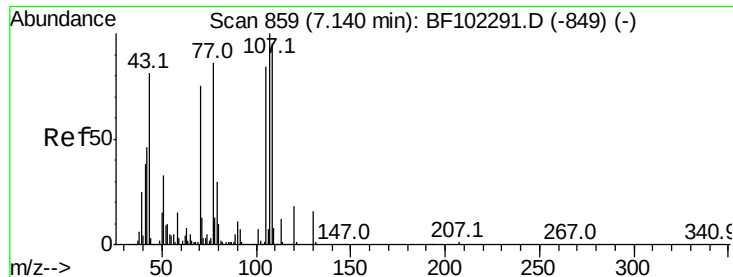
#18
Hexachloroethane
Concen: 41.932 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:117 Resp: 181581
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 84.7 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

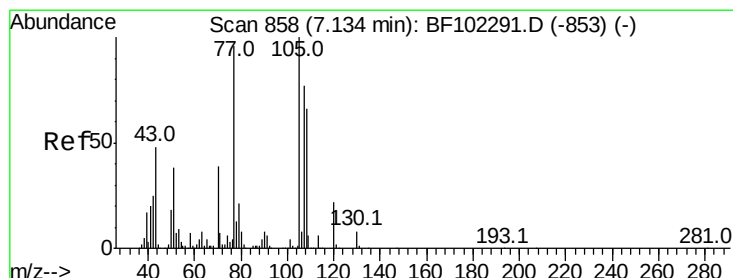
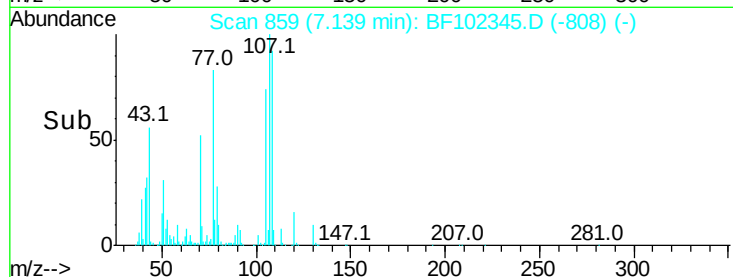
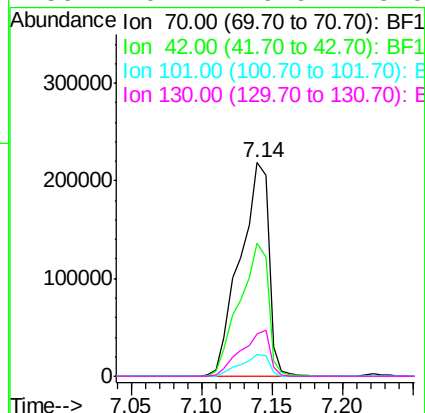
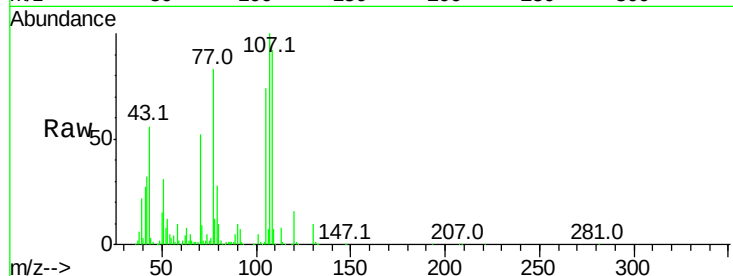




#19
n-Nitroso-di-n-propylamine
Concen: 42.714 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

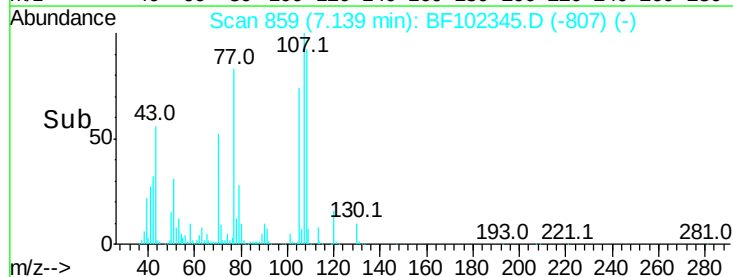
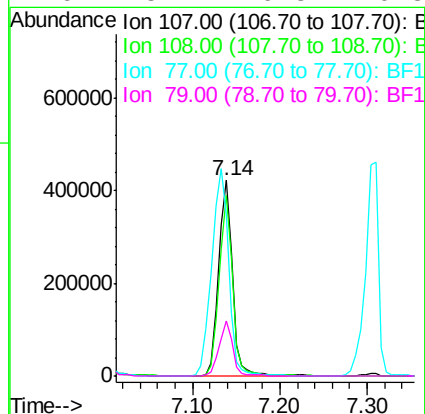
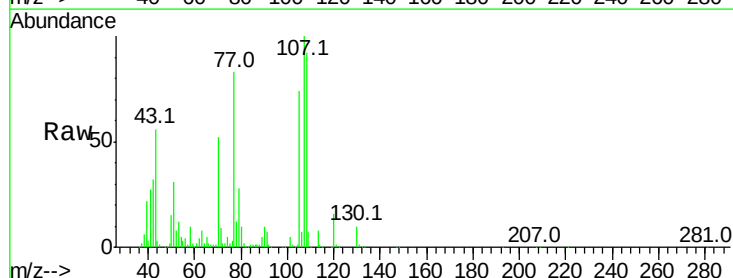
Instrument :
BNA_F
ClientSampleId :

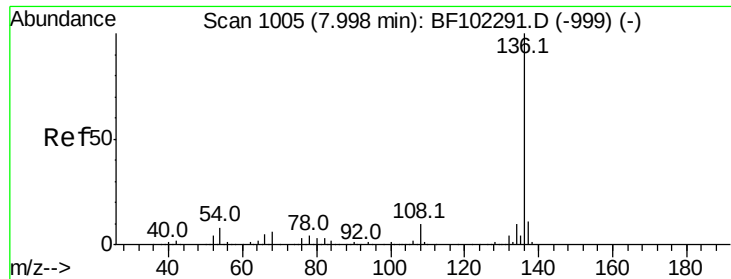
Tot Ion:	70	Resp:	313582
Ion	Ratio	Lower	Upper
70	100		
42	62.3	47.5	71.3
101	10.0	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.672 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:	107	Resp:	465299
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	82.8	26.7	66.7#
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 649541

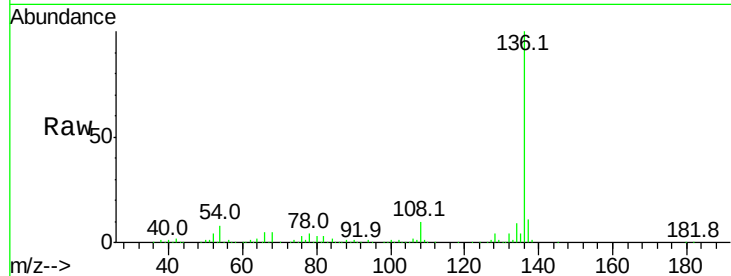
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.3 6.6 9.8

68 5.3 5.0 7.4

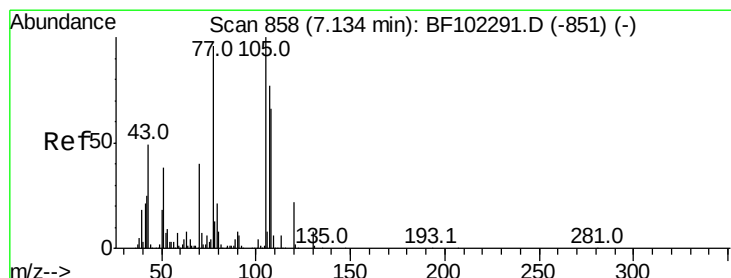
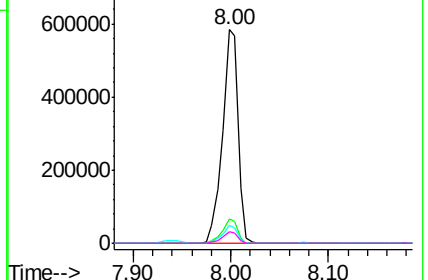
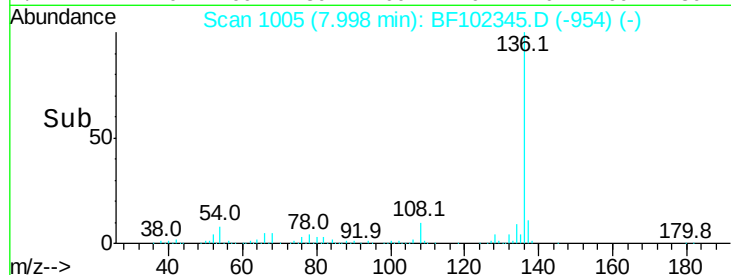


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.221 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Tgt Ion:105 Resp: 638267

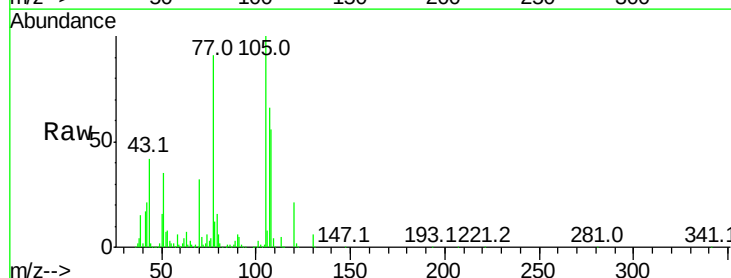
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 34.8 22.3 33.5#

120 21.2 16.9 25.3

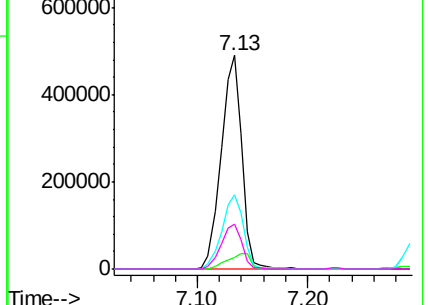
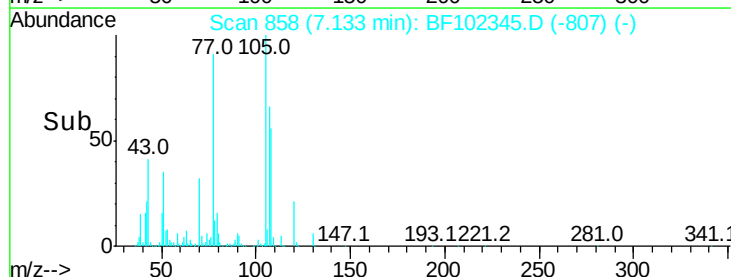


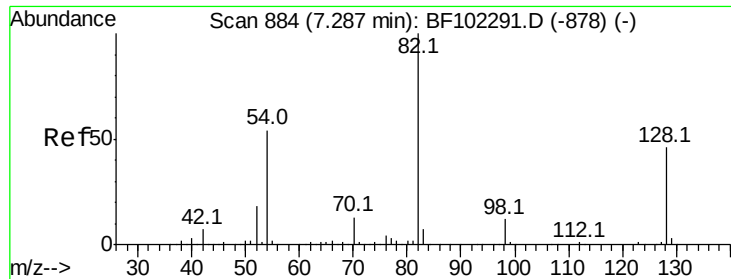
Abundance Ion 105.00 (104.70 to 105.70): E

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

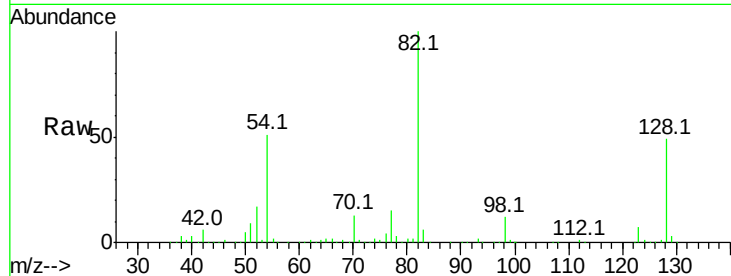




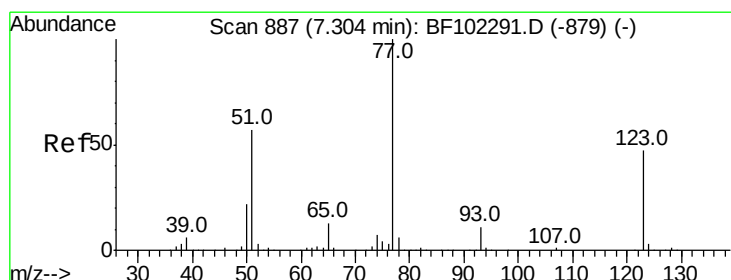
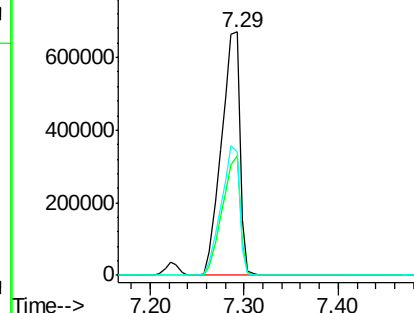
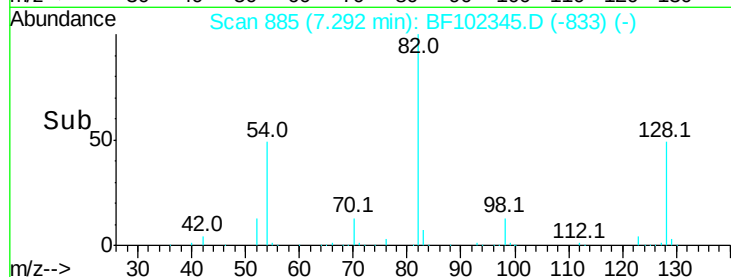
#23
 Nitrobenzene-d5
 Concen: 82.189 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 928971
 Ion Ratio Lower Upper
 82 100
 128 49.1 36.1 54.1
 54 50.8 41.4 62.2

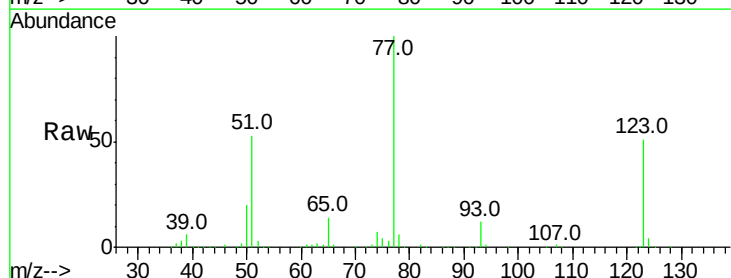


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

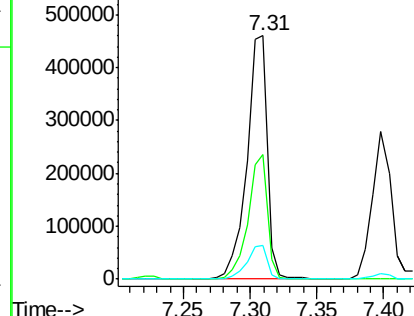
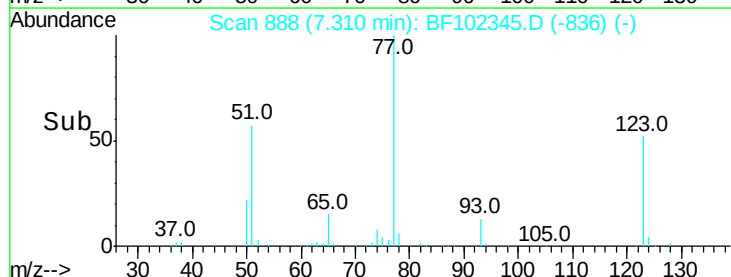


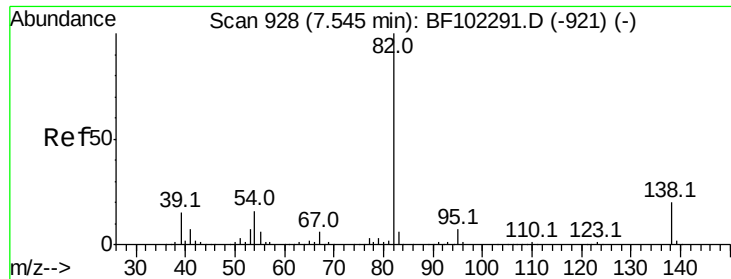
#24
 Nitrobenzene
 Concen: 41.815 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion: 77 Resp: 483673
 Ion Ratio Lower Upper
 77 100
 123 51.1 37.9 56.9
 65 13.8 11.0 16.4



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





#25

Isophorone

Concen: 45.284 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

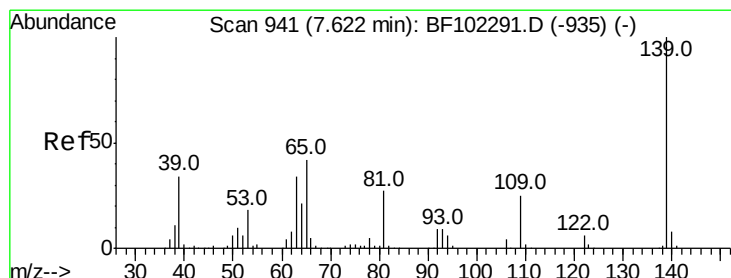
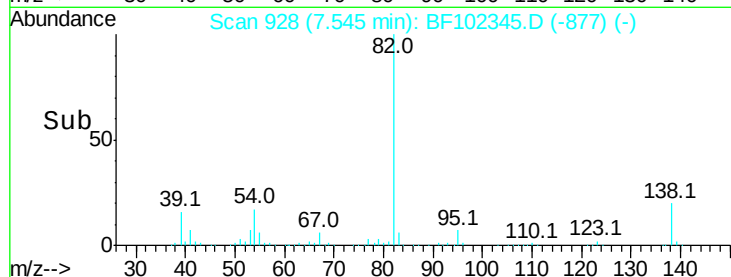
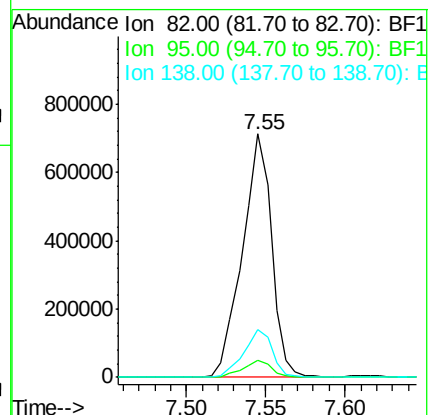
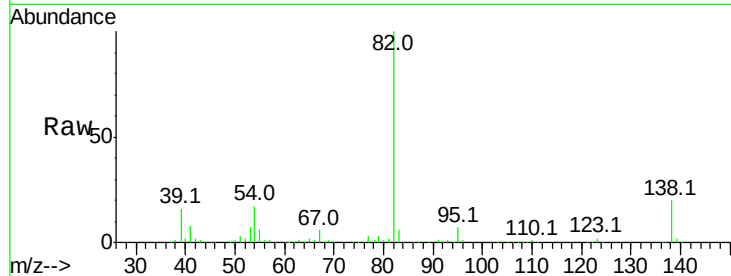
Tot Ion: 82 Resp: 912488

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 44.475 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

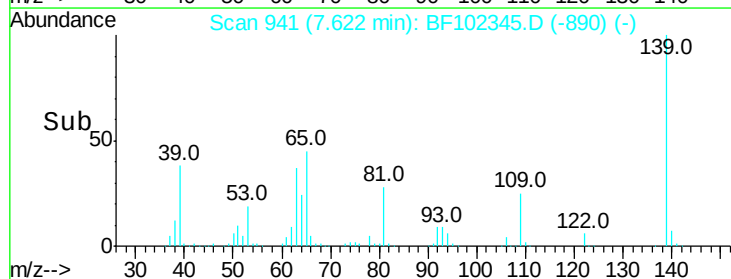
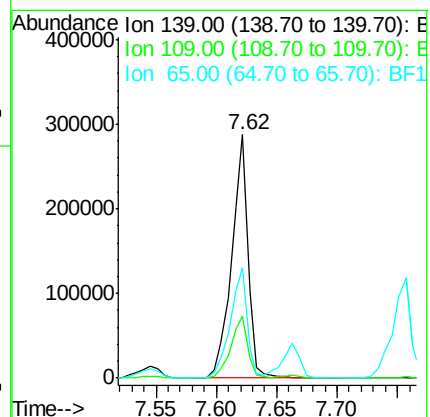
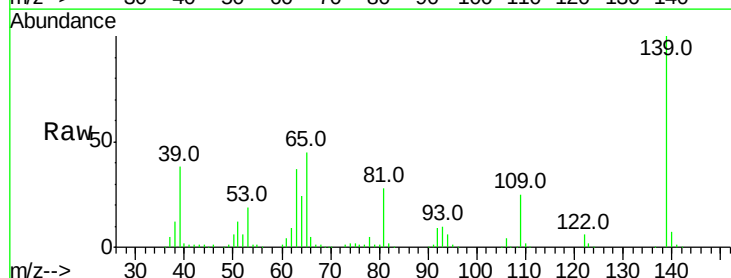
Tgt Ion: 139 Resp: 270757

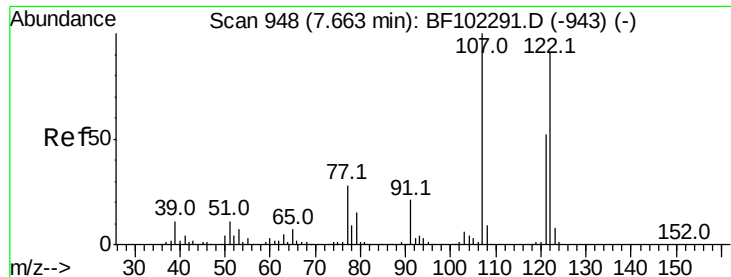
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 45.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.871 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampled :

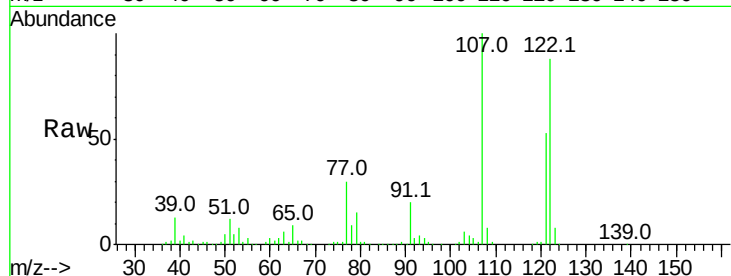
Tot Ion:122 Resp: 432019

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

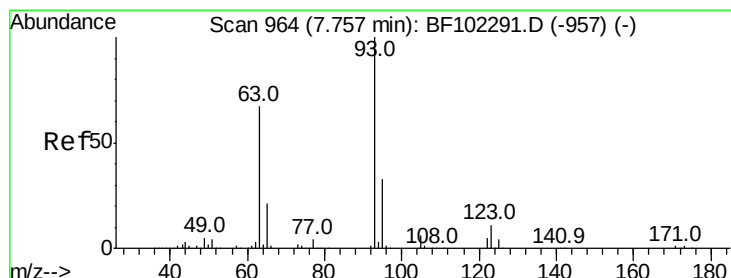
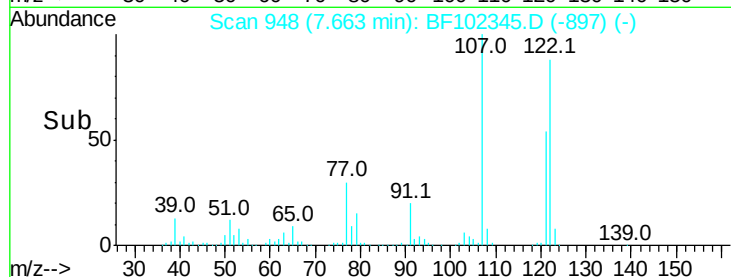
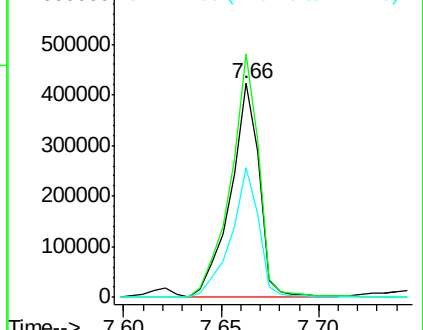
121 60.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.732 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

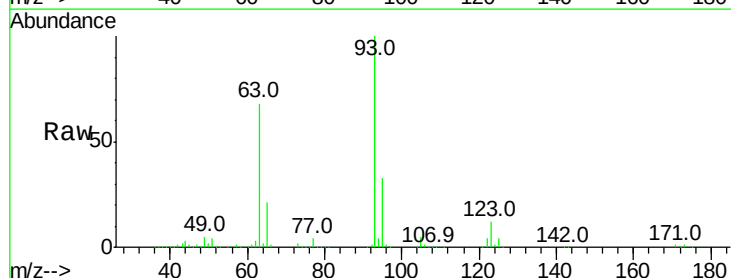
Tgt Ion: 93 Resp: 581702

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

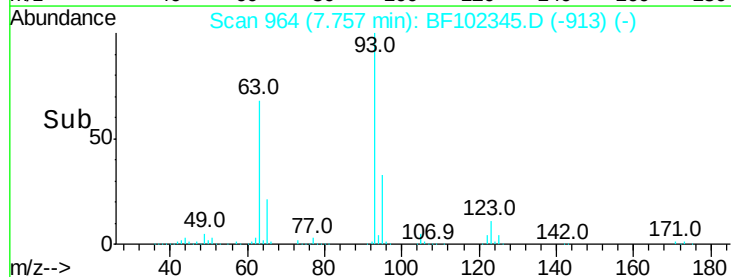
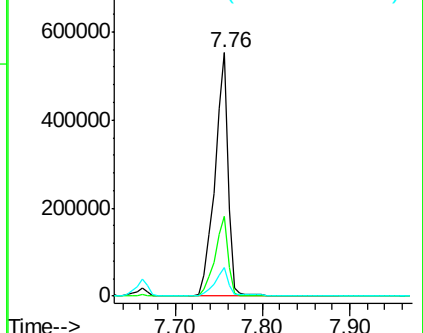
123 11.6 9.8 14.6

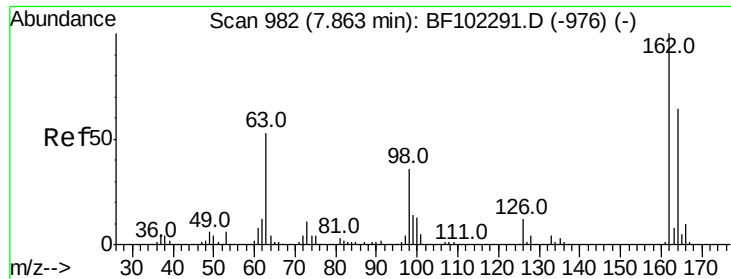


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

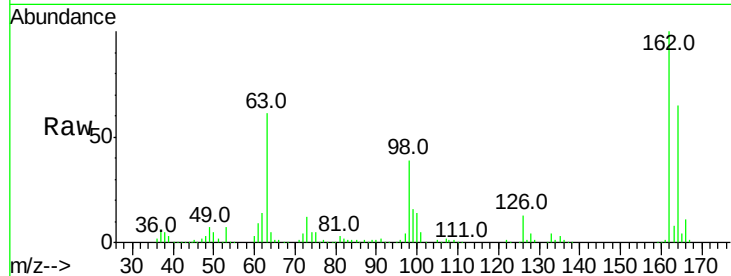




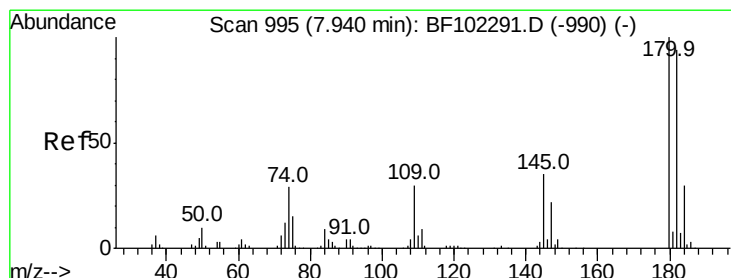
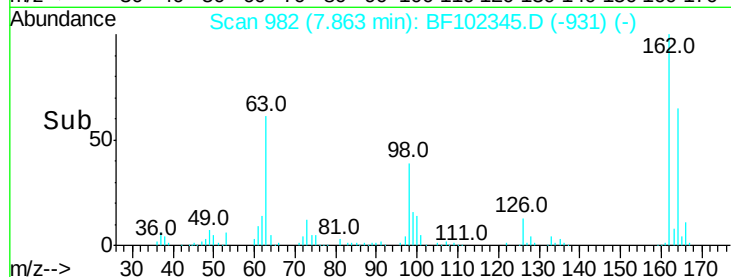
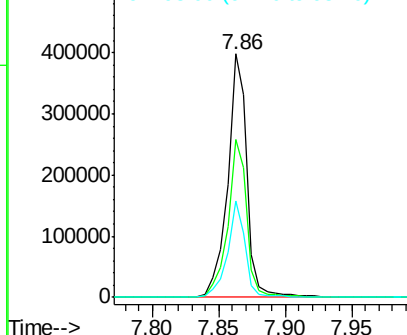
#29
 2,4-Dichlorophenol
 Concen: 45.069 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	39.4	18.1	58.1

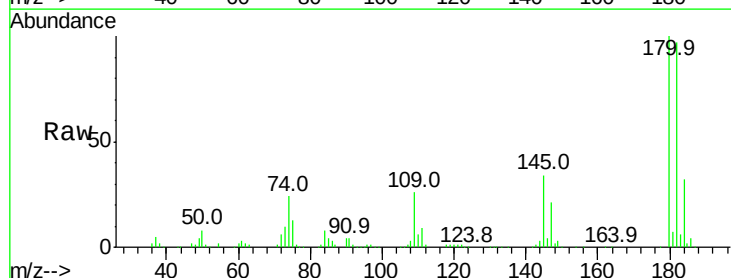


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

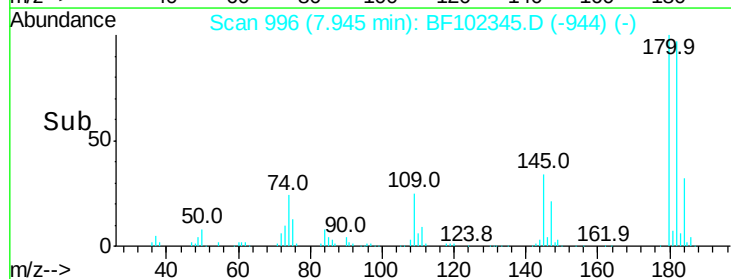
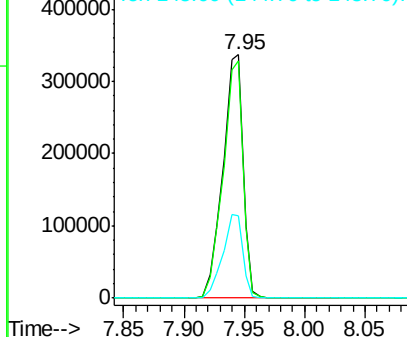


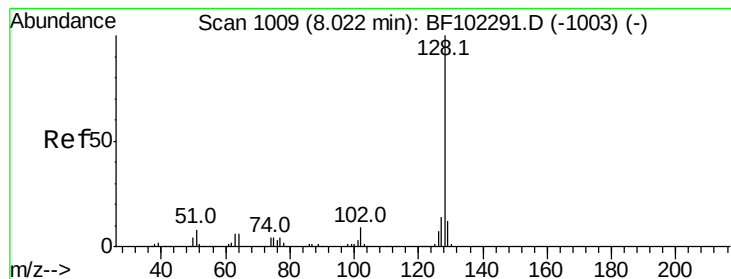
#30
 1,2,4-Trichlorobenzene
 Concen: 40.588 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.8	115.2
145	34.0	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: 41.541 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

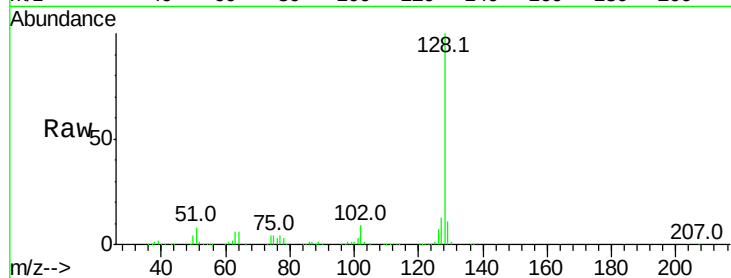
Tot Ion:128 Resp: 1347185

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

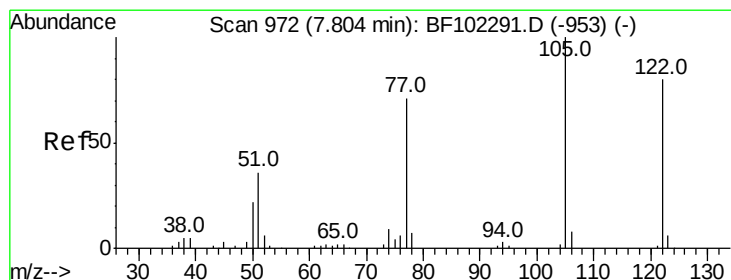
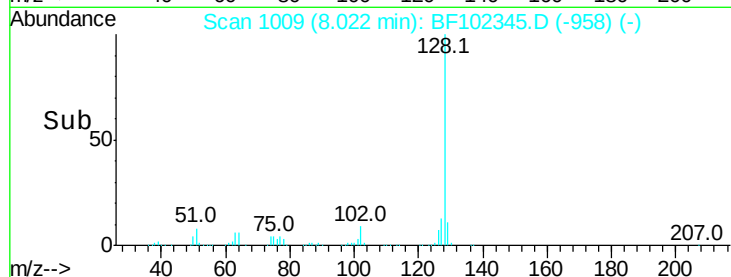
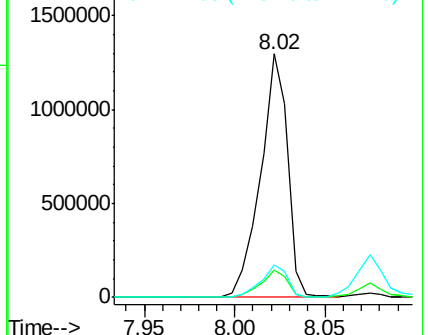
127 13.4 10.9 16.3



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: 20.137 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

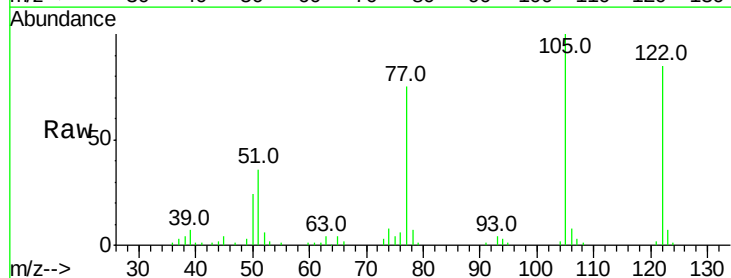
Tgt Ion:122 Resp: 149136

Ion Ratio Lower Upper

122 100

105 117.2 101.1 141.1

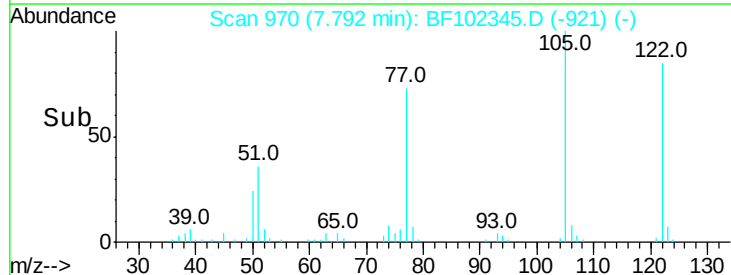
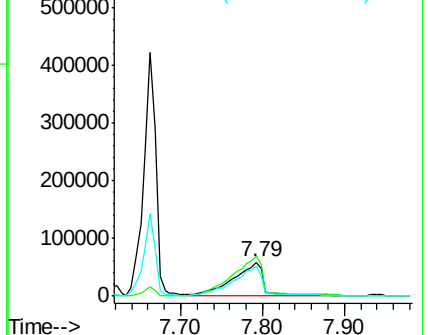
77 87.6 70.7 110.7

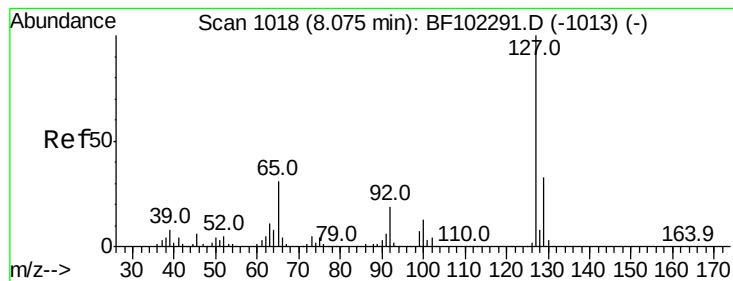


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 18.518 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 252545

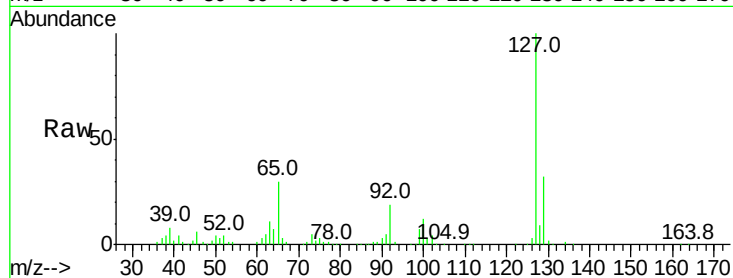
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 30.1 25.0 37.4

92 18.7 15.2 22.8

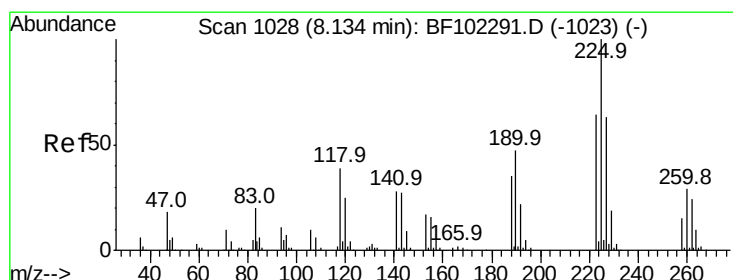
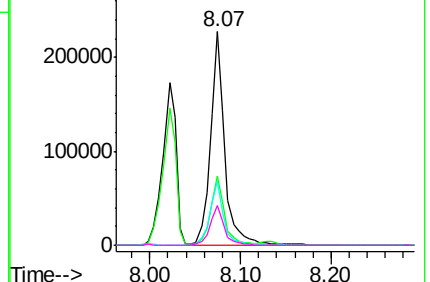
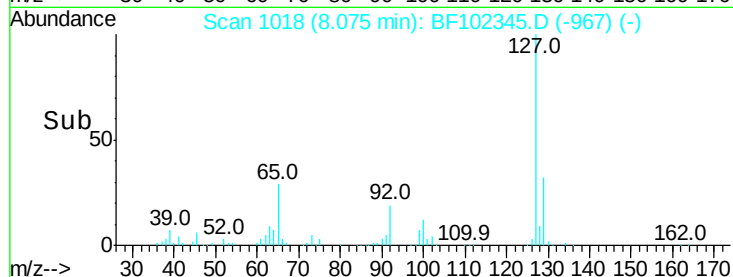


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.206 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

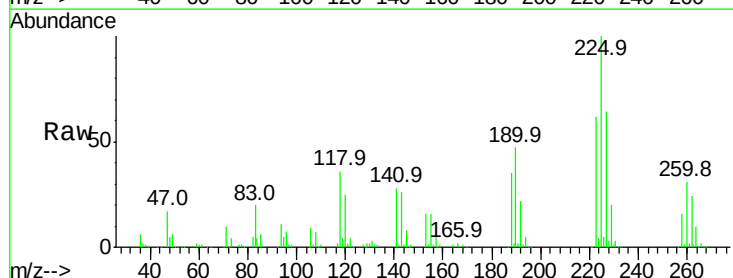
Tgt Ion:225 Resp: 207276

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

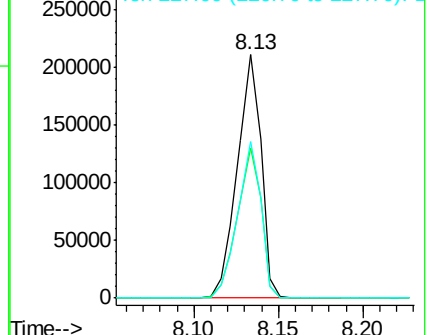
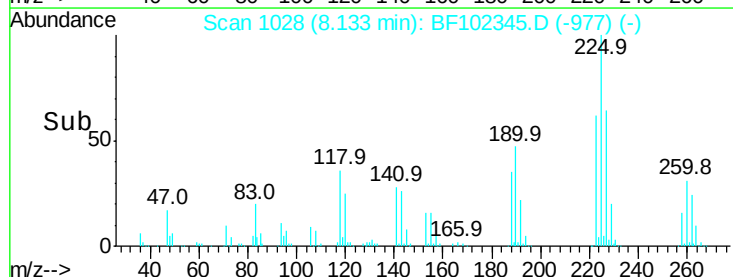
227 64.1 51.9 77.9

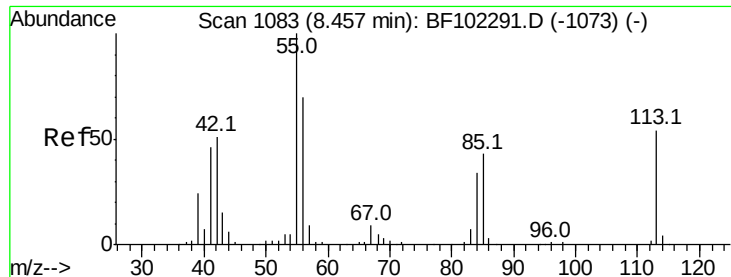


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.053 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampled :

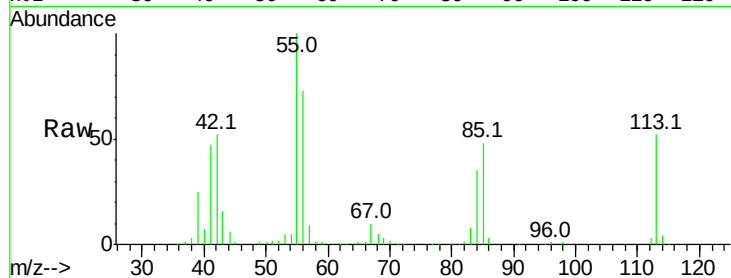
Tot Ion:113 Resp: 83427

Ion Ratio Lower Upper

113 100

55 190.7 163.3 203.3

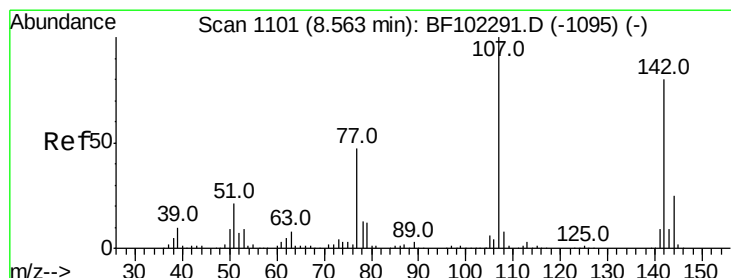
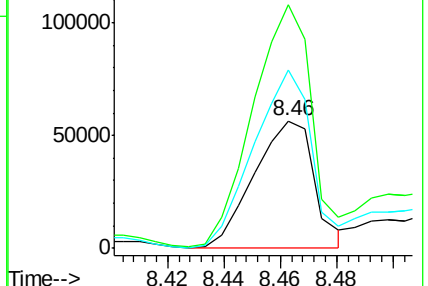
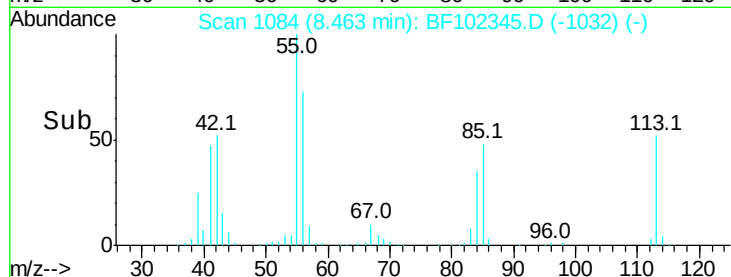
56 139.6 115.7 155.7



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: 46.459 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

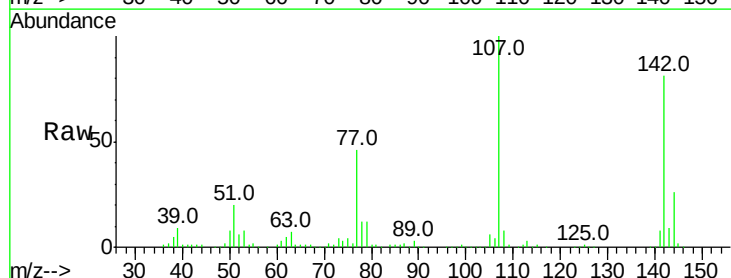
Tgt Ion:107 Resp: 440965

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

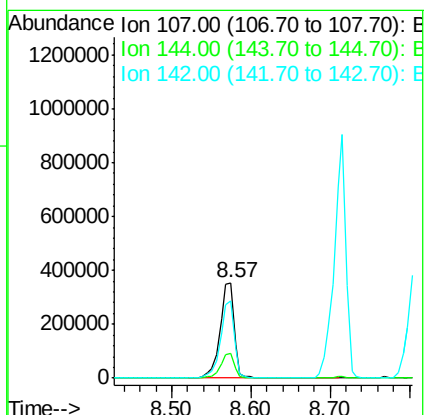
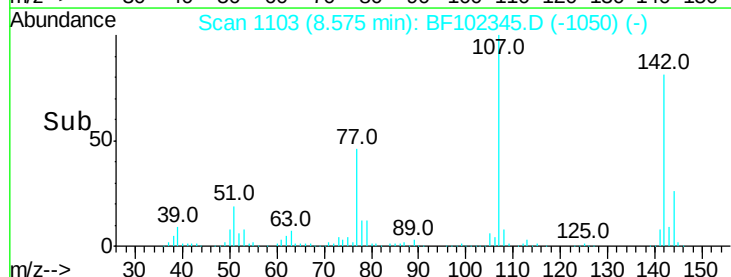
142 80.6 62.0 93.0

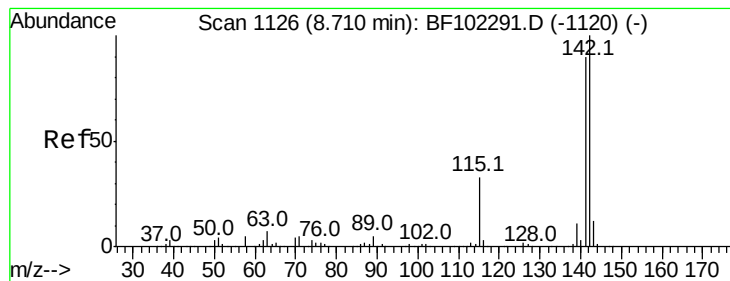


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.854 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

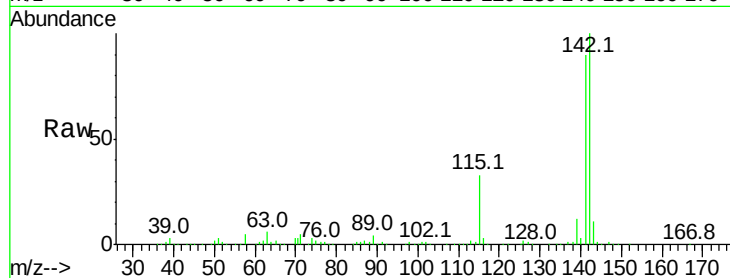
Tot Ion:142 Resp: 925560

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2

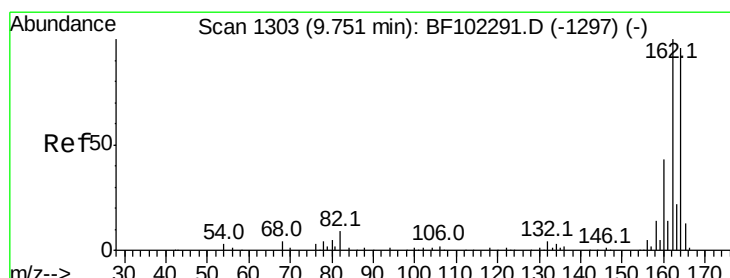
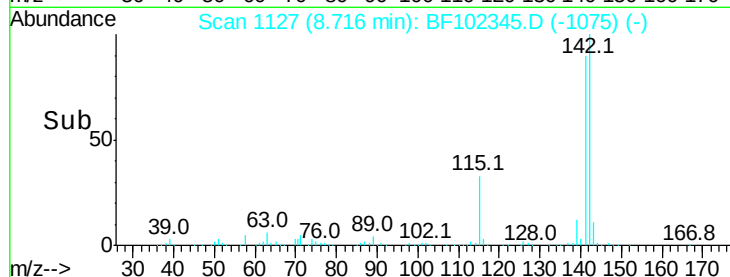
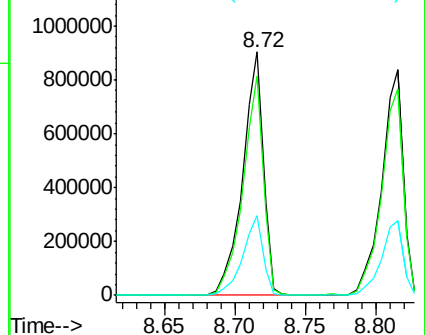
115 32.8 26.1 39.1



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: BF102345.D

Acq: 23 Jan 2018 15:00

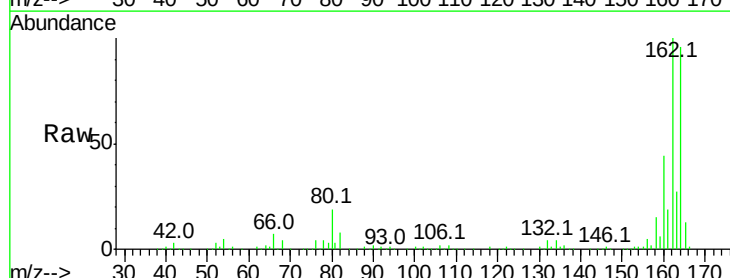
Tgt Ion:164 Resp: 294183

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

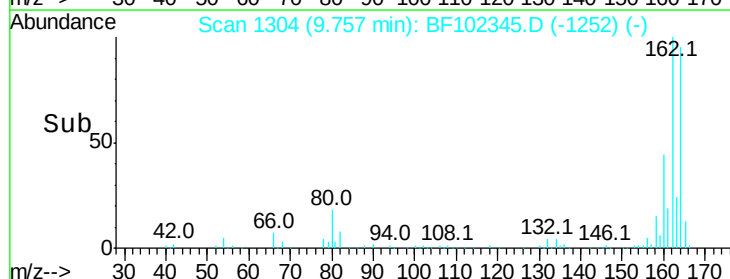
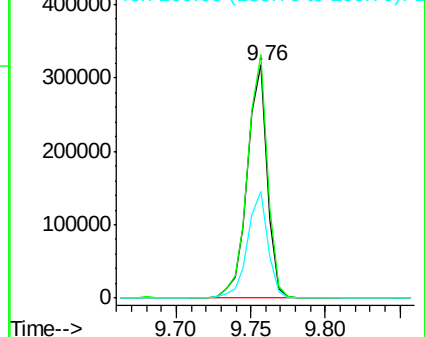
160 46.0 38.3 57.5

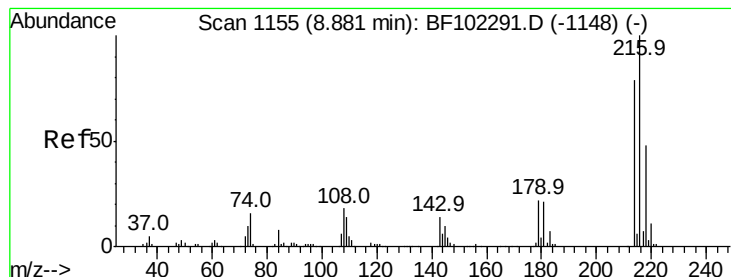


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.446 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 357975

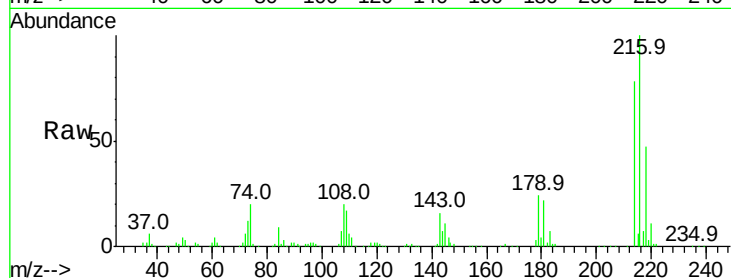
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.9 18.1 27.1

108 23.7 17.2 25.8

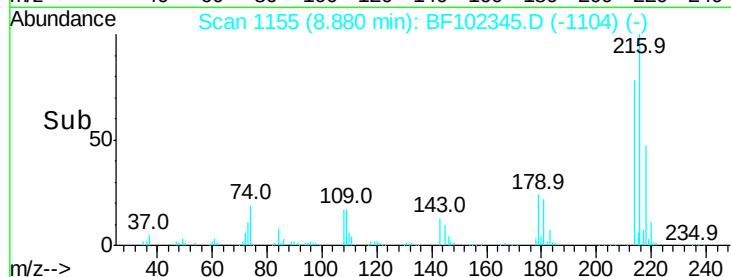


Abundance Ion 216.00 (215.70 to 216.70): E

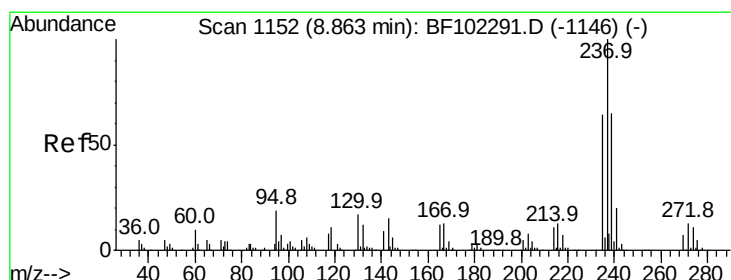
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 84.775 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

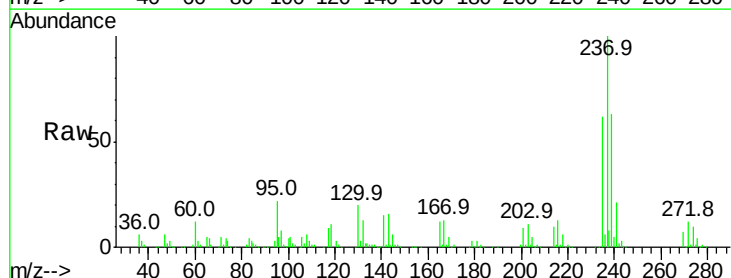
Tgt Ion:237 Resp: 335790

Ion Ratio Lower Upper

237 100

235 62.3 44.8 84.8

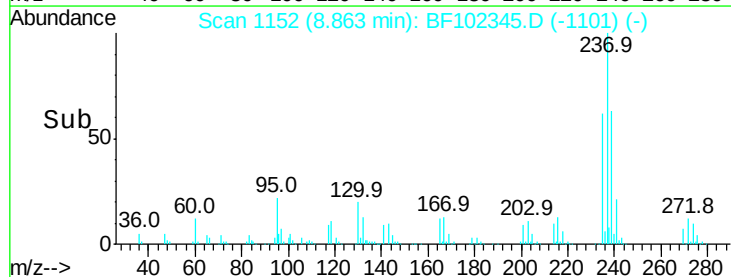
272 12.1 0.0 33.3



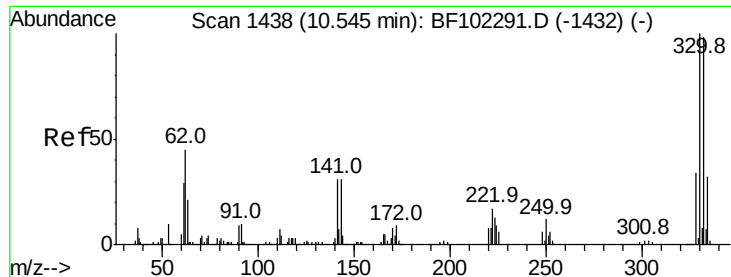
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 107.786 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampled :

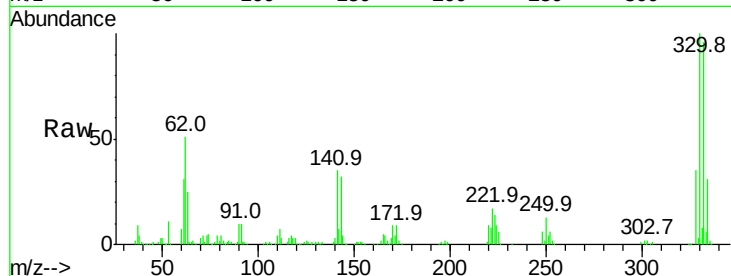
Tot Ion:330 Resp: 314190

Ion Ratio Lower Upper

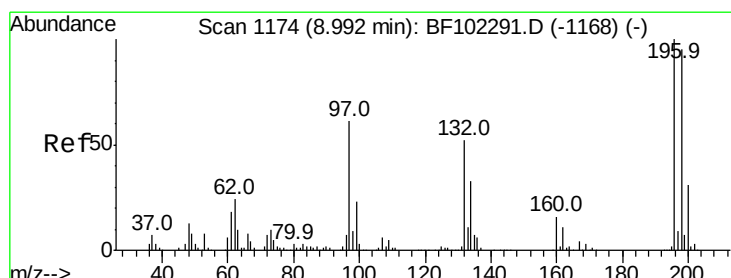
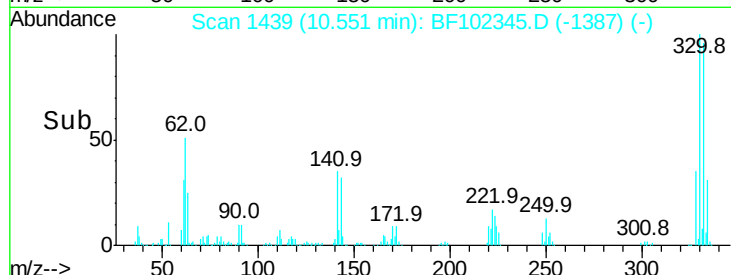
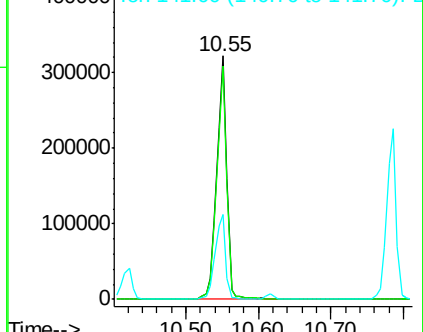
330 100

332 95.4 77.0 115.6

141 36.3 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 42.674 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

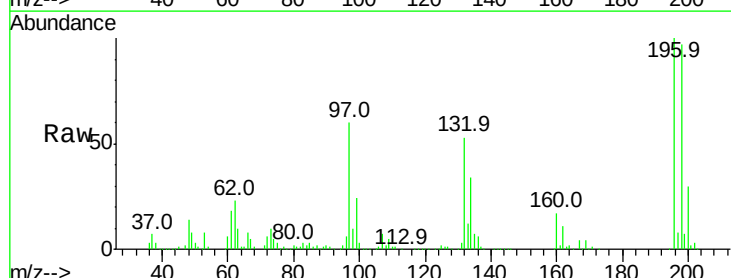
Tgt Ion:196 Resp: 252840

Ion Ratio Lower Upper

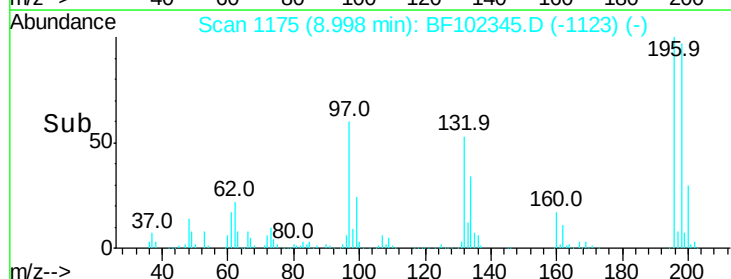
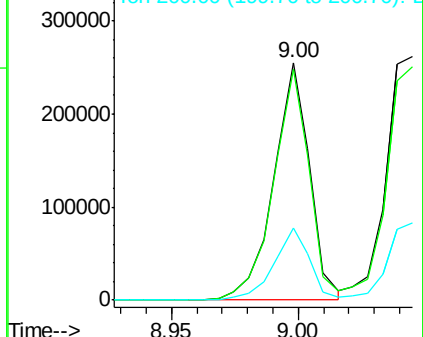
196 100

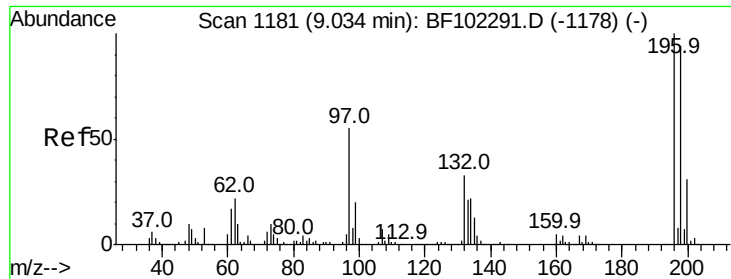
198 97.3 75.7 113.5

200 30.5 24.5 36.7



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

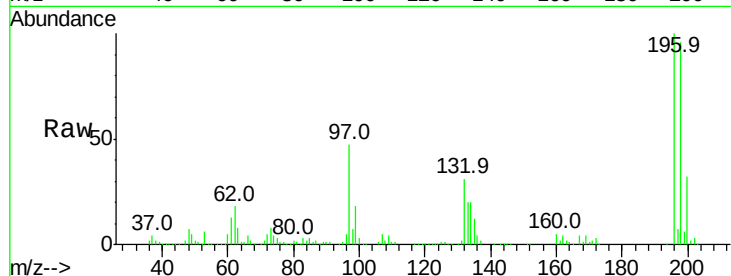




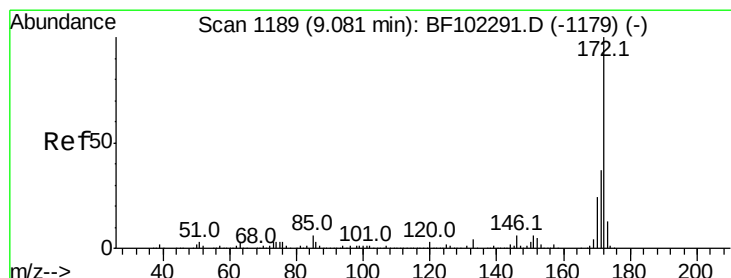
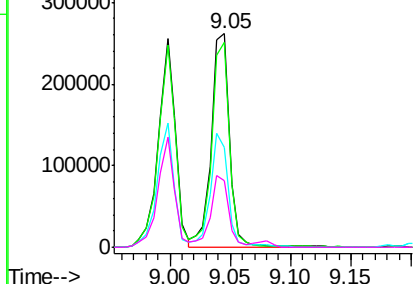
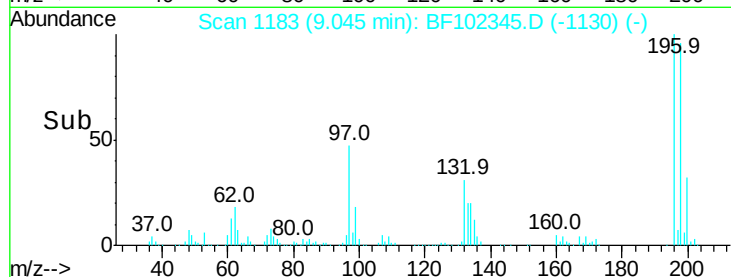
#43
2,4,5-Trichlorophenol
Concen: 40.502 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 270191
Ion Ratio Lower Upper
196 100
198 95.8 74.6 112.0
97 47.0 42.9 64.3
132 31.1 26.3 39.5

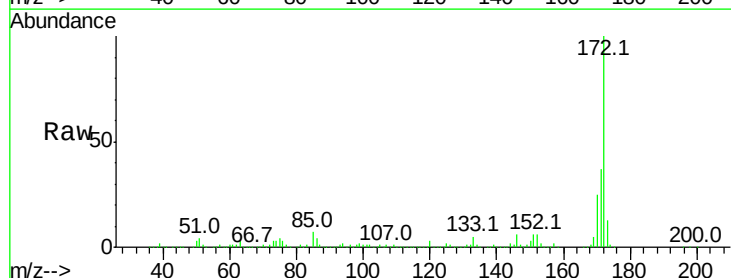


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

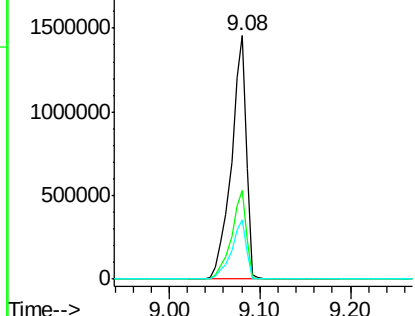
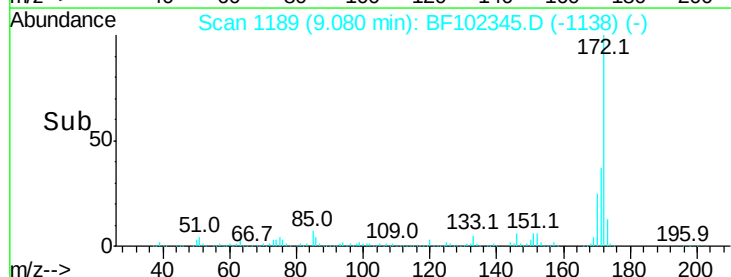


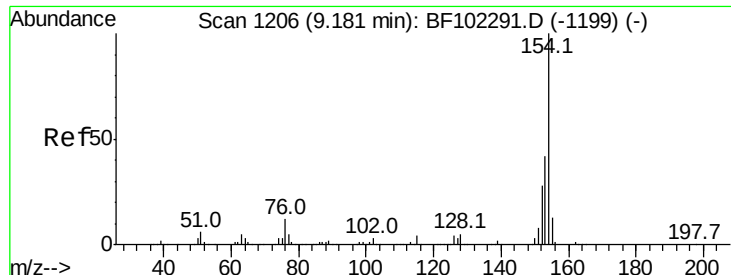
#44
2-Fluorobiphenyl
Concen: 83.810 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:172 Resp: 1676840
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.6 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



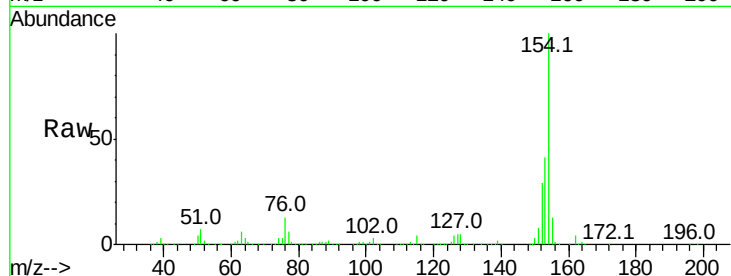


#45
 1,1'-Biphenyl
 Concen: 40.361 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

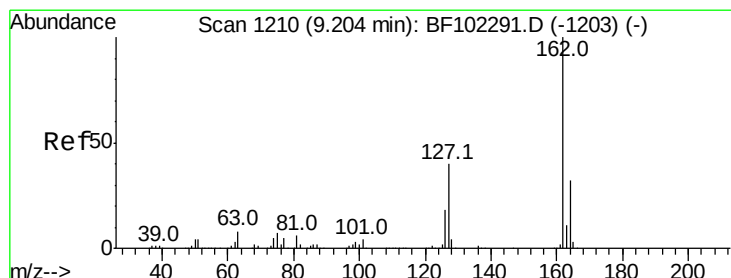
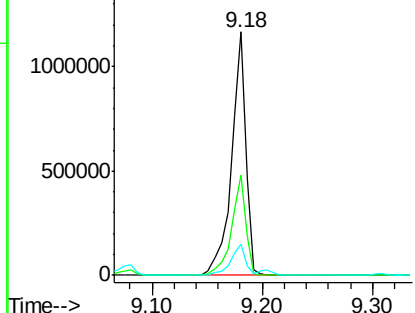
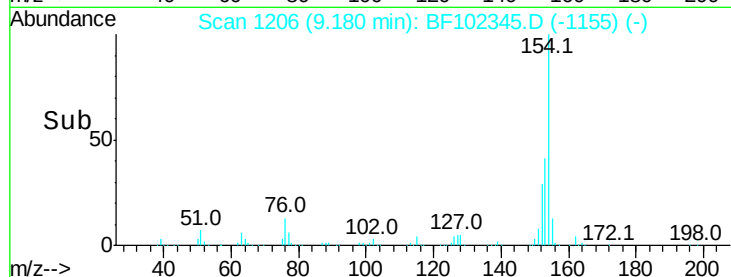
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1061677

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	12.8	0.0	34.0



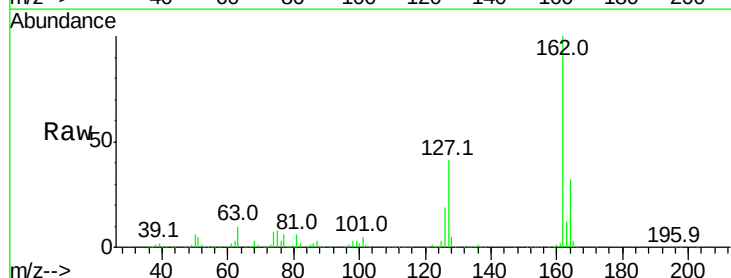
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



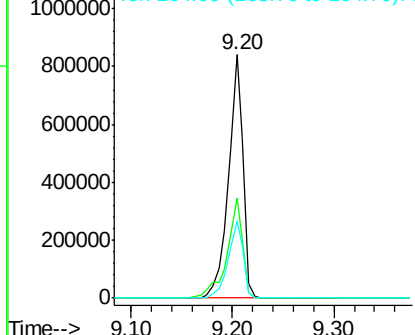
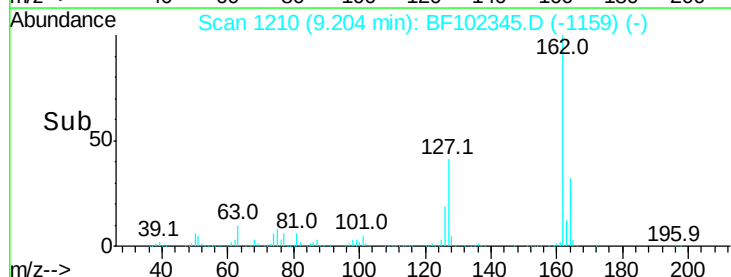
#46
 2-Chloronaphthalene
 Concen: 40.857 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

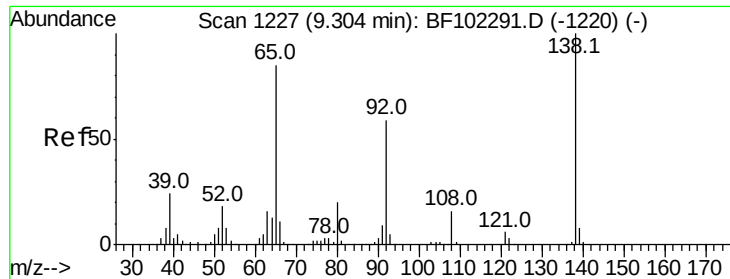
Tgt Ion:162 Resp: 835384

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	31.9	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

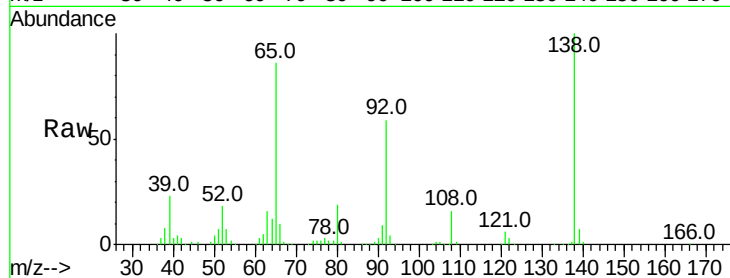




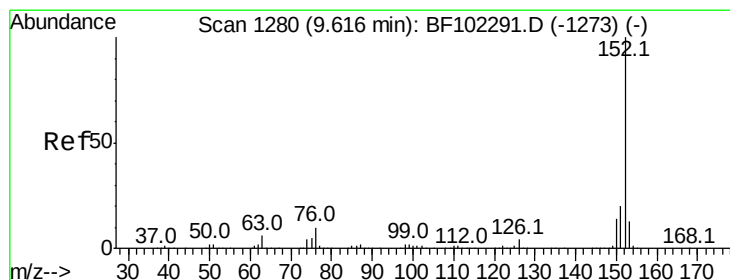
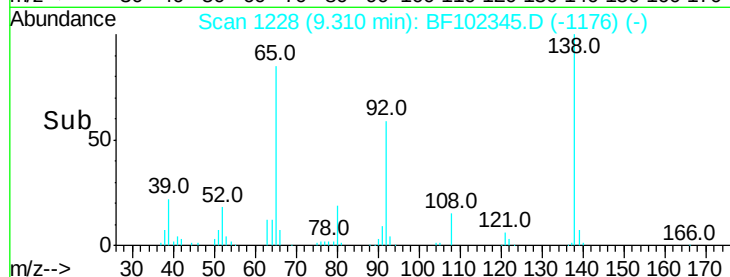
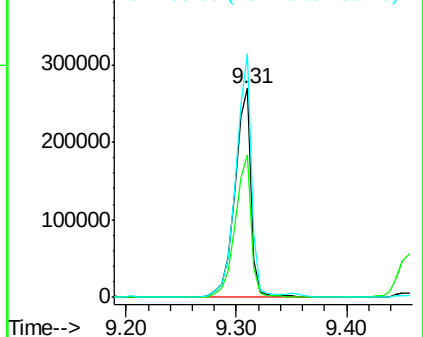
#47
2-Nitroaniline
Concen: 43.631 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 278123
Ion Ratio Lower Upper
65 100
92 68.4 55.8 83.6
138 116.7 91.2 136.8

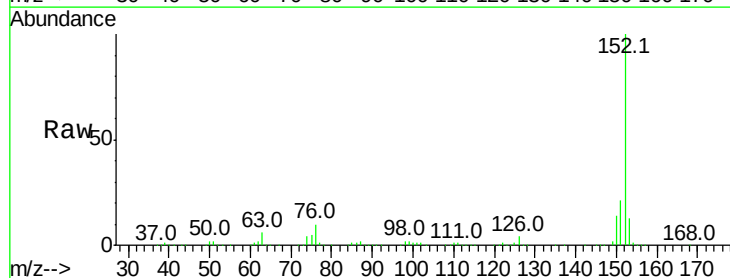


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

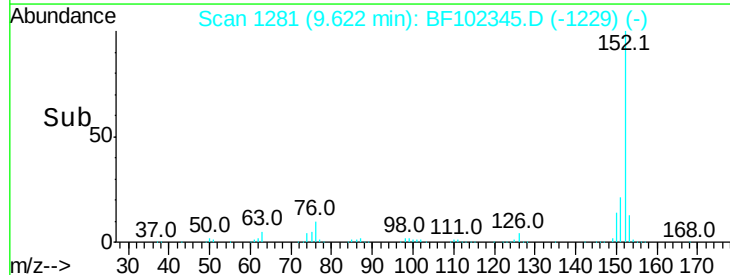
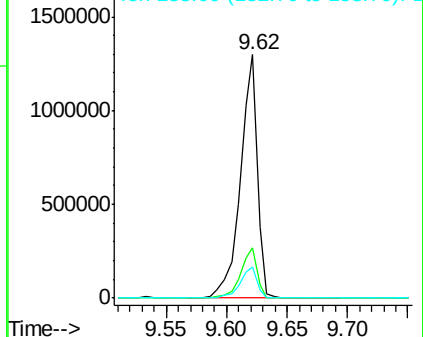


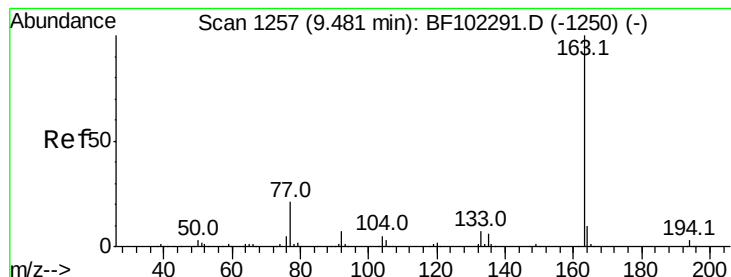
#48
Acenaphthylene
Concen: 39.627 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:152 Resp: 1262294
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.539 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

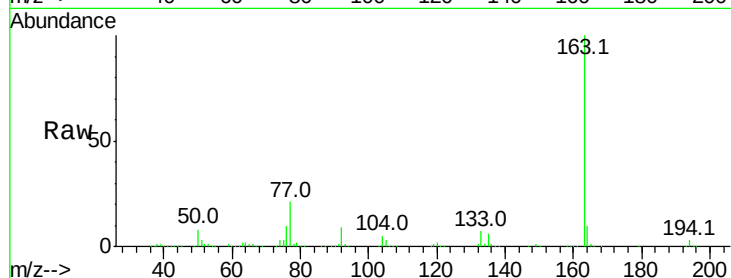
Tot Ion:163 Resp: 1010067

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

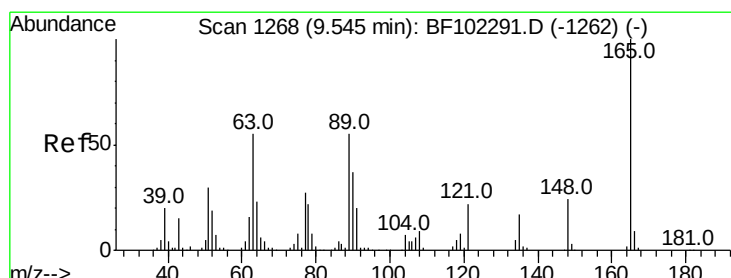
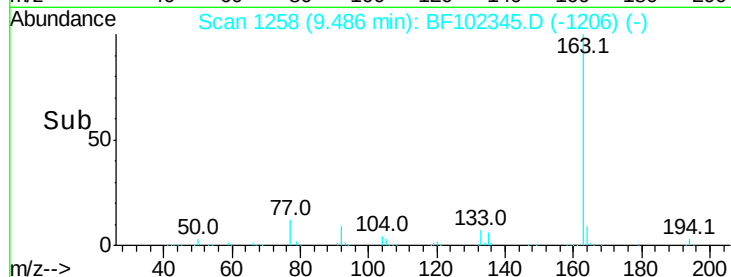
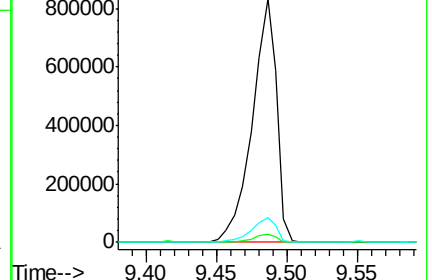
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.928 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

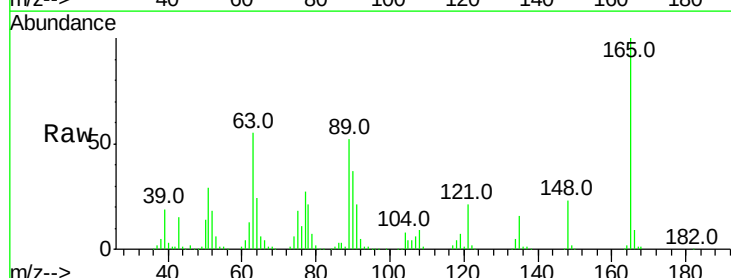
Tgt Ion:165 Resp: 225054

Ion Ratio Lower Upper

165 100

63 55.2 44.7 67.1

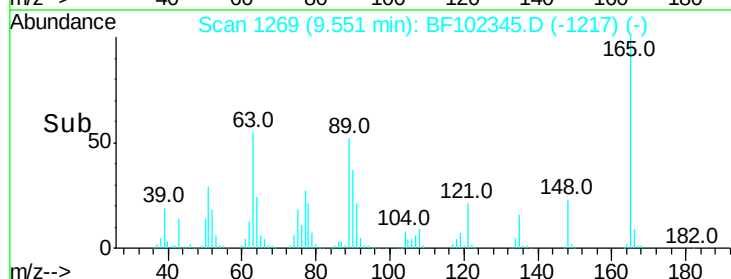
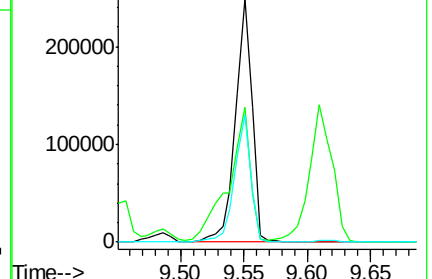
89 52.5 44.0 66.0

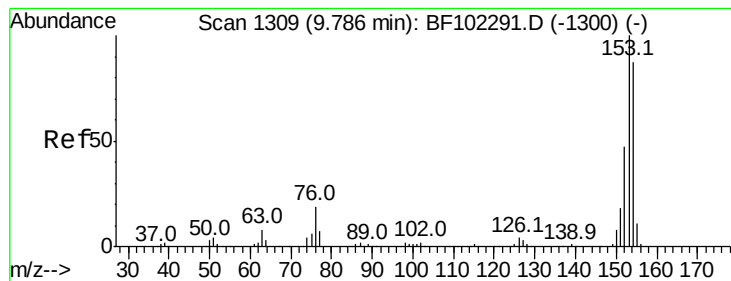


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.325 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampled :

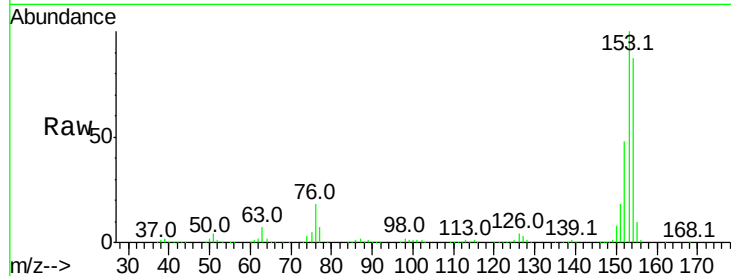
Tot Ion:154 Resp: 731598

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

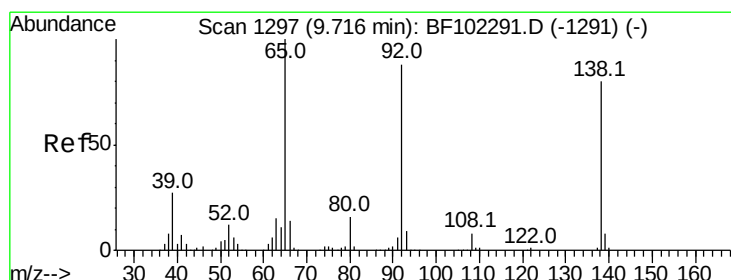
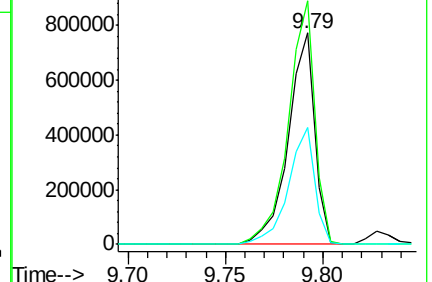
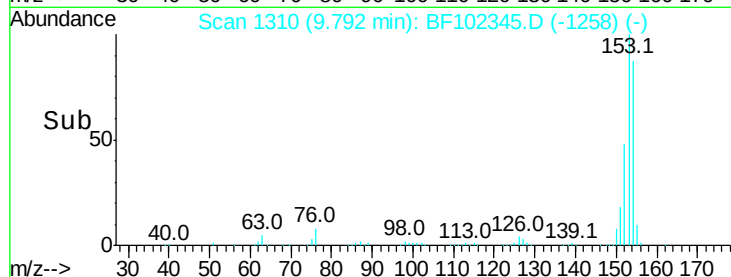
152 55.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.067 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

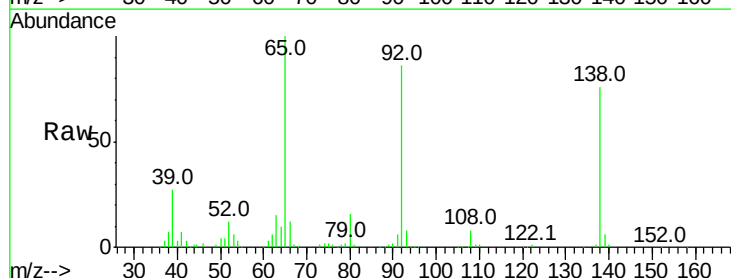
Tgt Ion:138 Resp: 149259

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

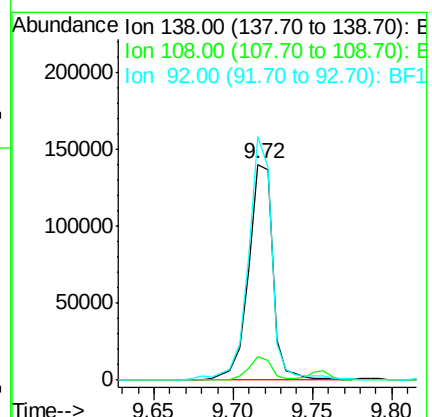
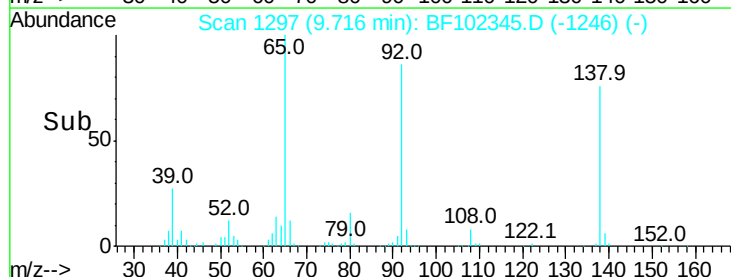
92 112.9 89.4 134.2

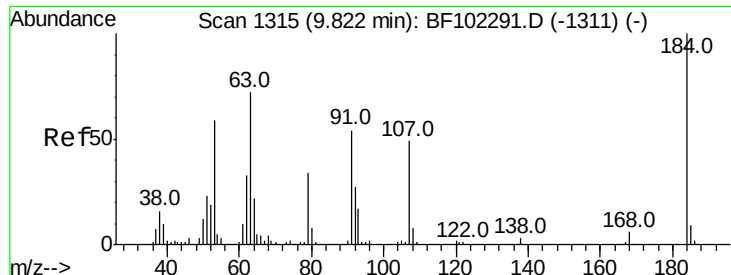


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

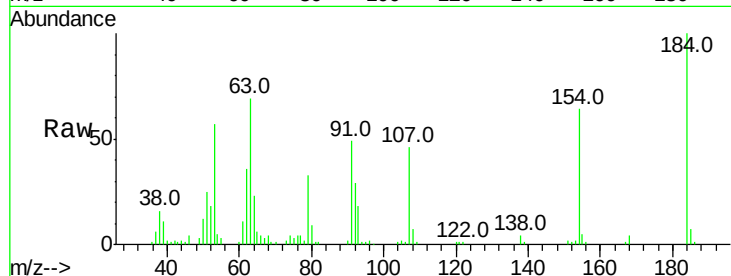




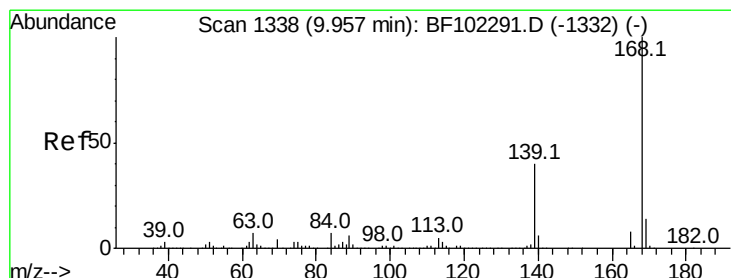
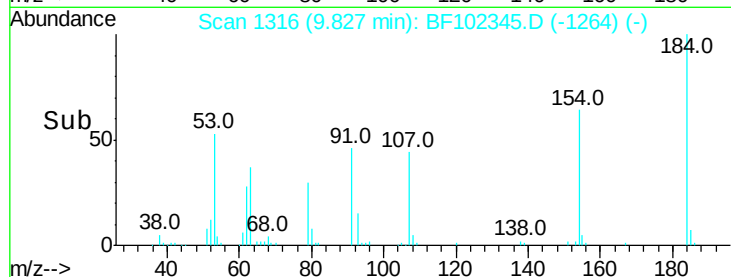
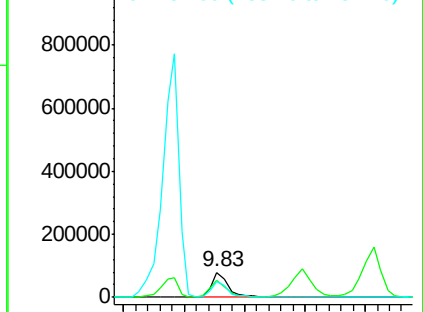
#53
 2,4-Dinitrophenol
 Concen: 36.126 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 79979
 Ion Ratio Lower Upper
 184 100
 63 69.0 54.2 81.2
 154 64.4 184.0 276.0#

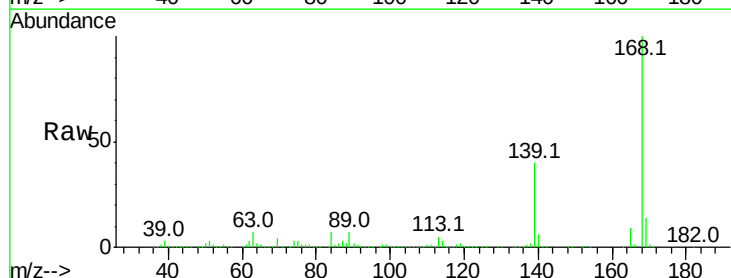


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

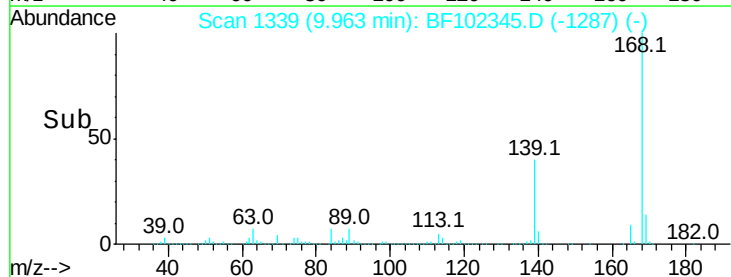
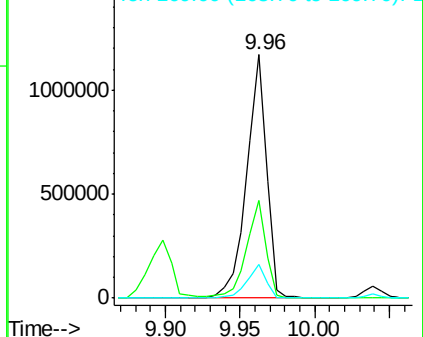


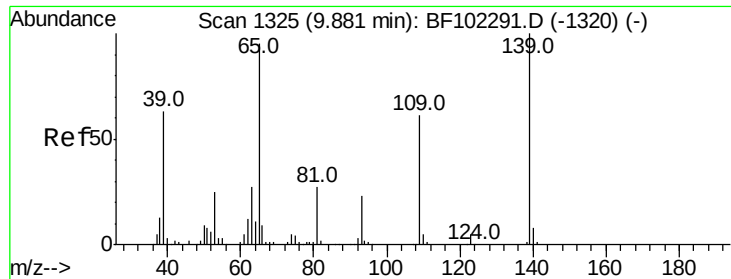
#54
 Dibenzofuran
 Concen: 42.827 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion:168 Resp: 1078278
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.1 45.1
 169 13.8 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

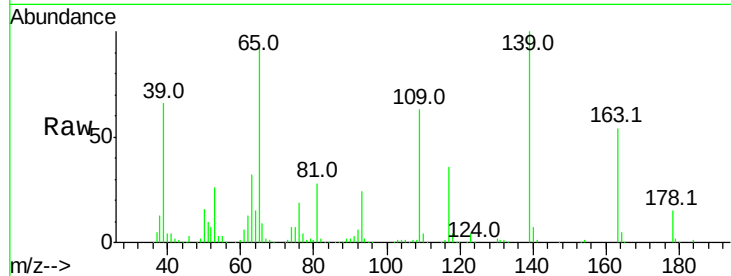




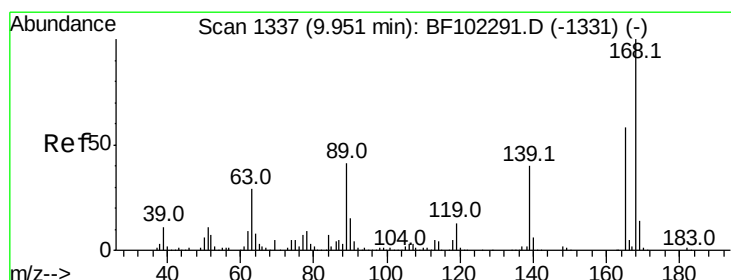
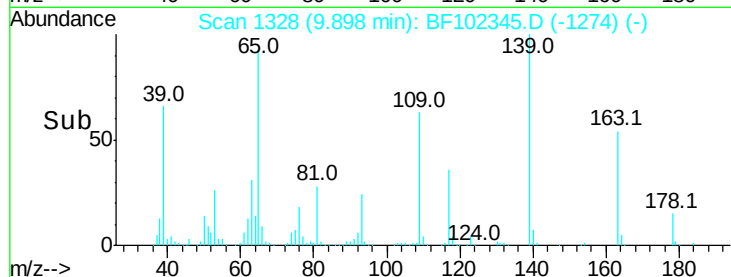
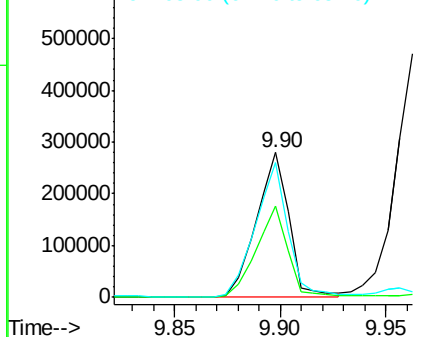
#55
4-Nitrophenol
Concen: 73.285 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 300018
Ion Ratio Lower Upper
139 100
109 62.8 48.4 88.4
65 93.2 72.6 112.6

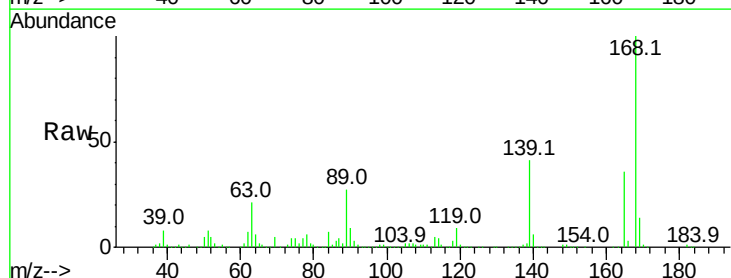


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

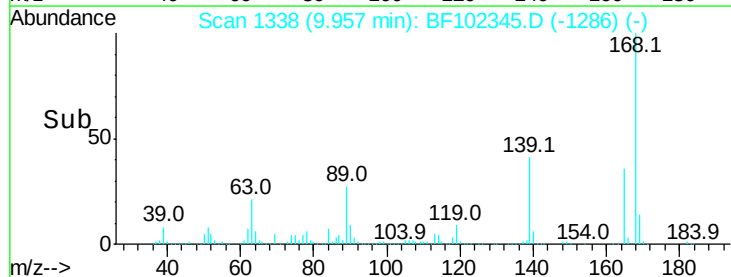
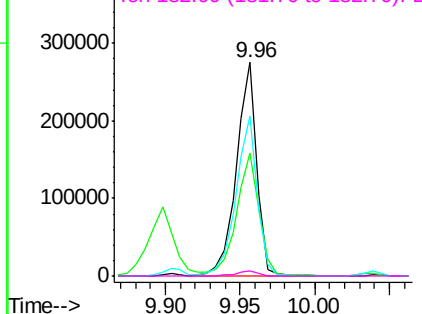


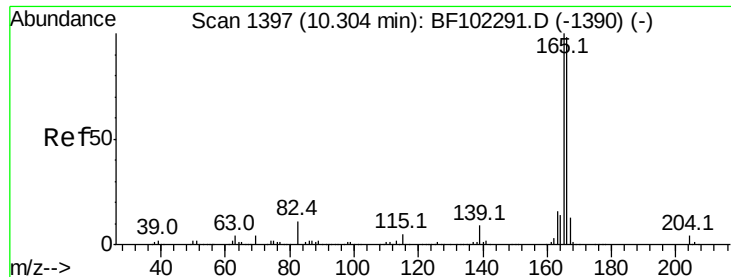
#56
2,4-Dinitrotoluene
Concen: 40.361 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:165 Resp: 260209
Ion Ratio Lower Upper
165 100
63 57.8 36.4 54.6#
89 75.0 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

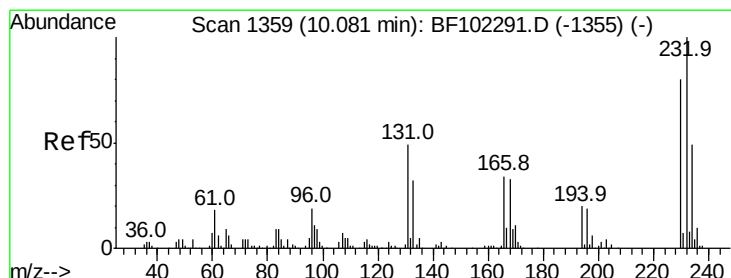
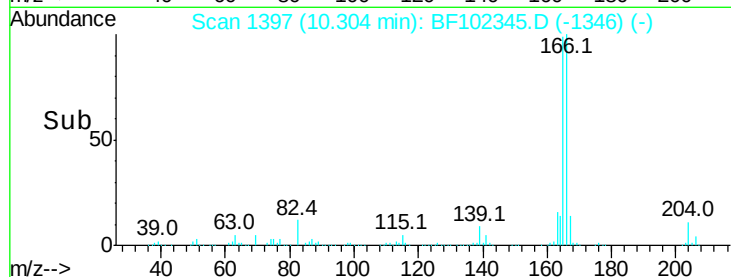
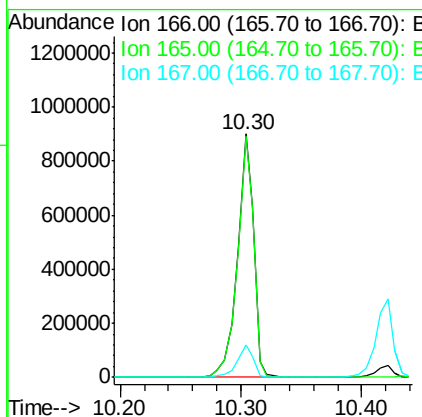
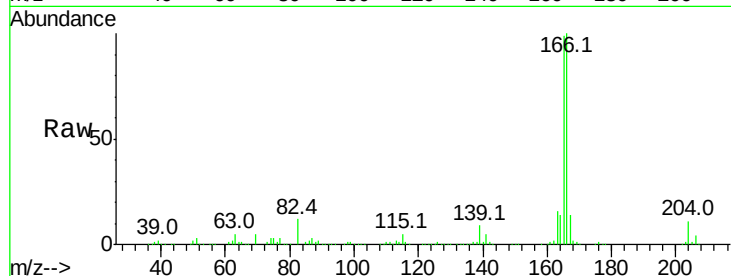




#57
 Fluorene
 Concen: 42.192 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

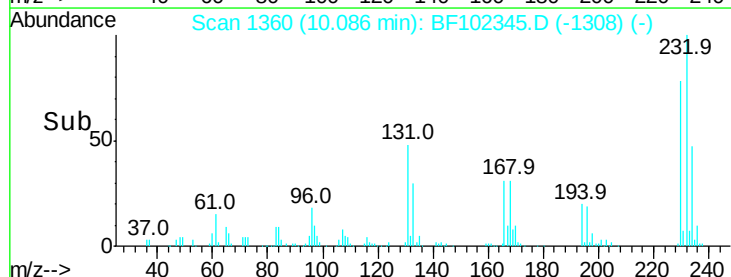
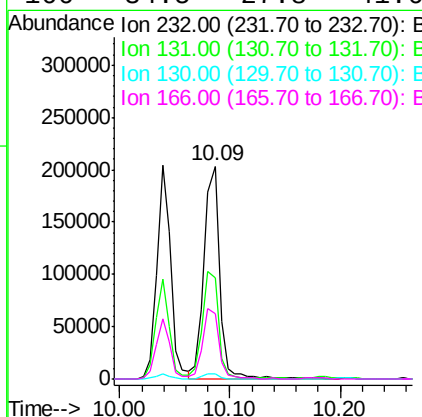
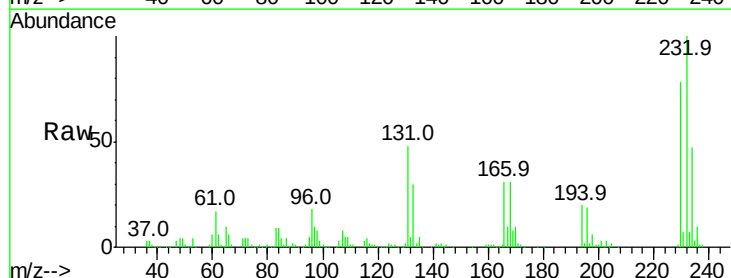
Instrument :
 BNA_F
 ClientSampleId :

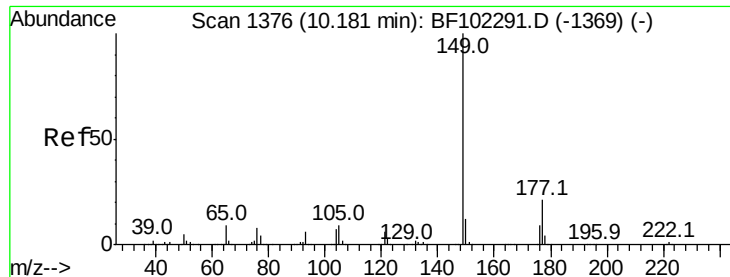
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.545 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.7	43.8	65.8
130	2.6	2.1	3.1
166	34.5	27.8	41.6

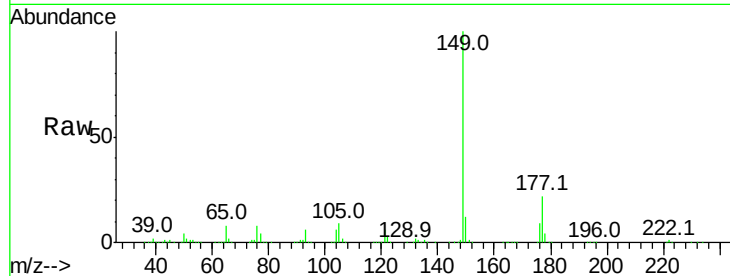




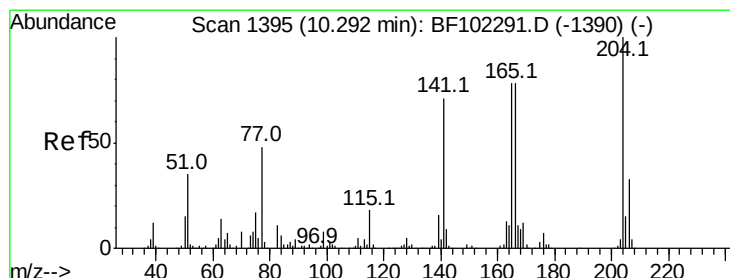
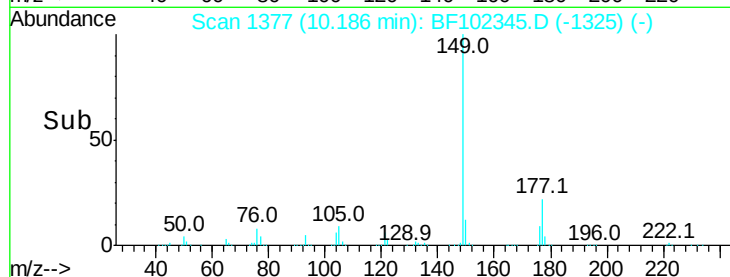
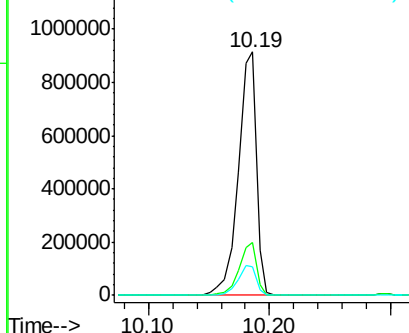
#59
Diethylphthalate
Concen: 40.593 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 959183
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 11.9 10.1 15.1

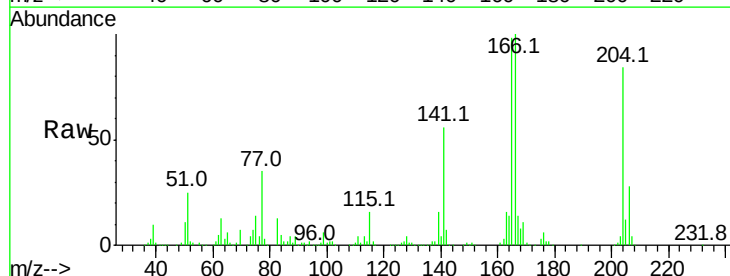


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

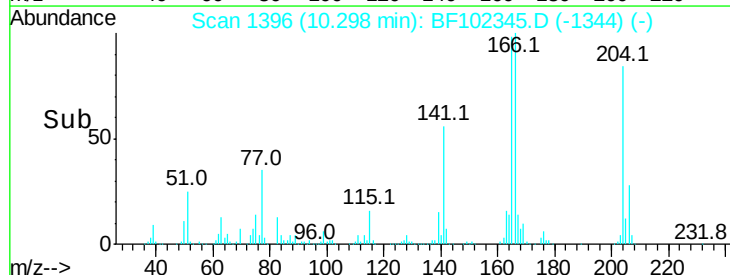
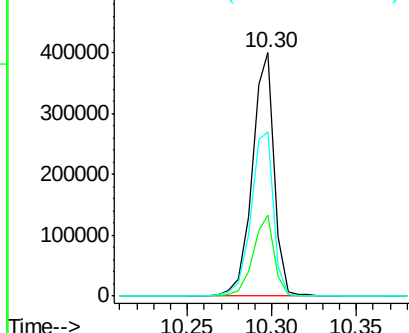


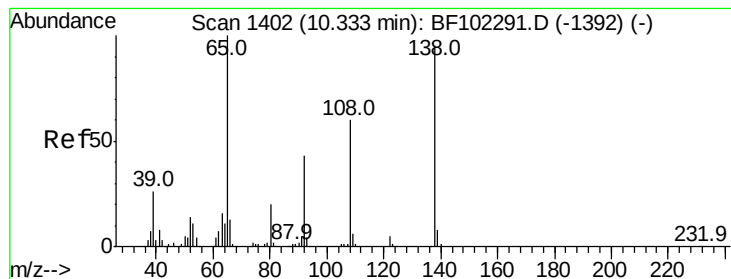
#60
4-Chlorophenyl-phenylether
Concen: 42.075 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:204 Resp: 363945
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 67.3 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: 40.520 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

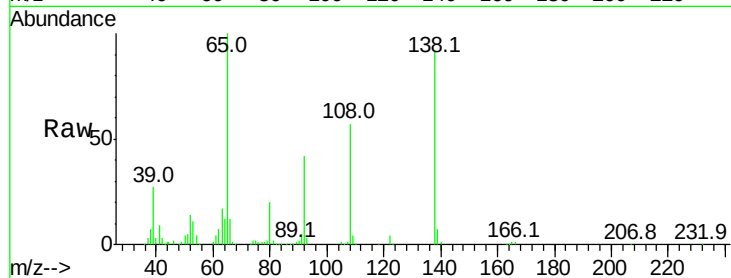
Tot Ion:138 Resp: 250761

Ion Ratio Lower Upper

138 100

92 45.0 30.2 70.2

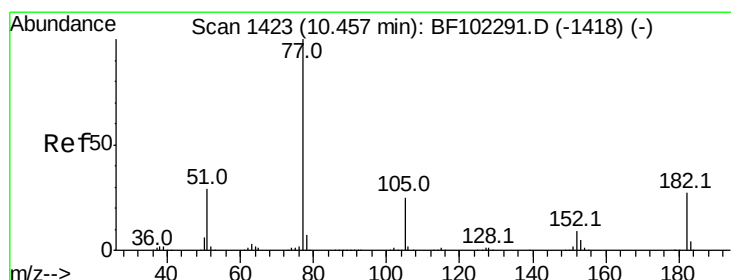
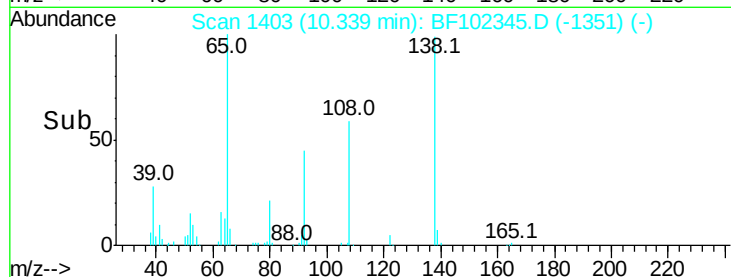
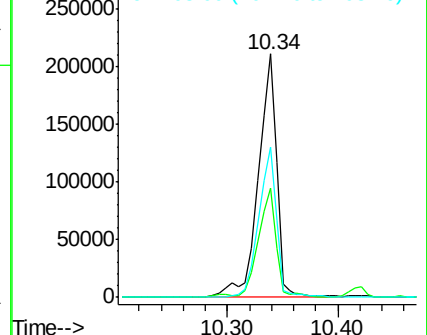
108 61.8 52.5 92.5



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: 41.425 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Tgt Ion: 77 Resp: 896184

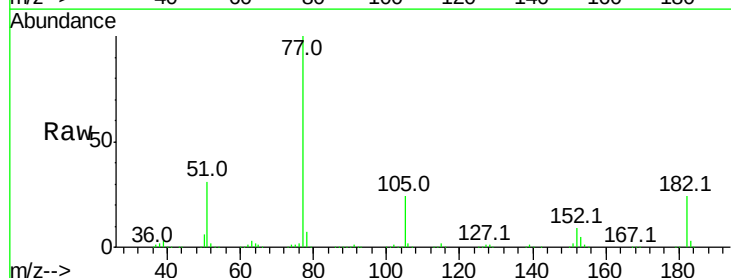
Ion Ratio Lower Upper

77 100

182 23.7 1.7 41.7

105 24.2 3.0 43.0

51 30.6 9.9 49.9

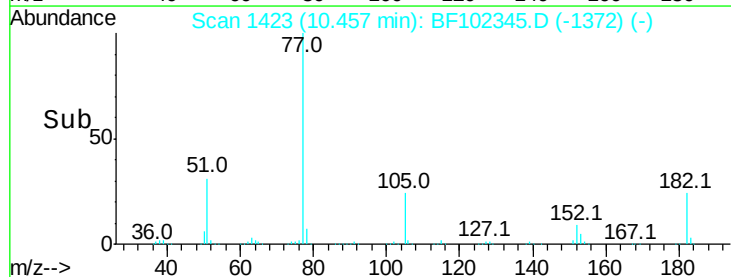
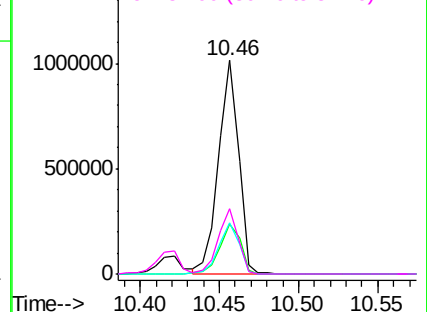


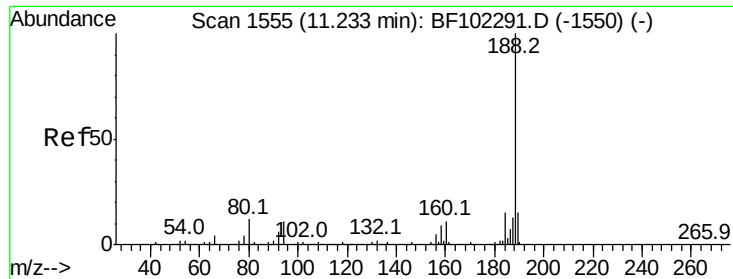
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

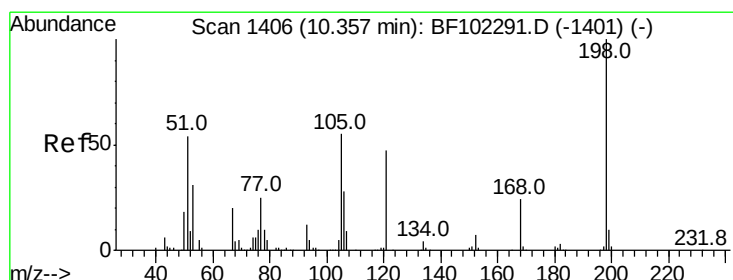
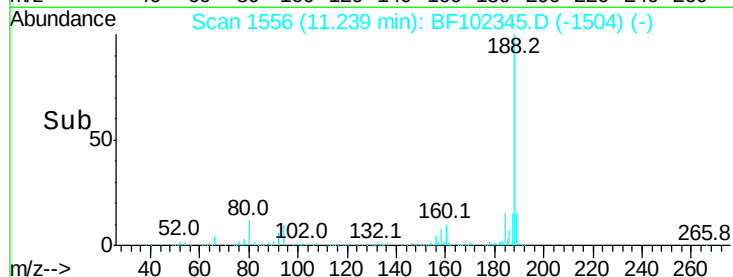
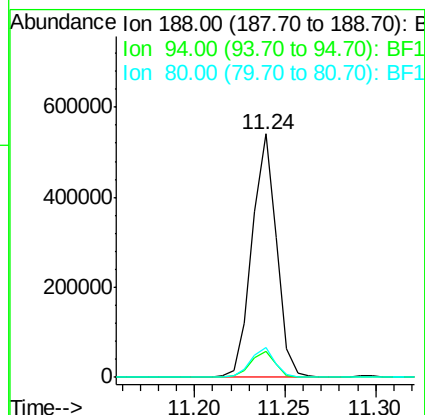
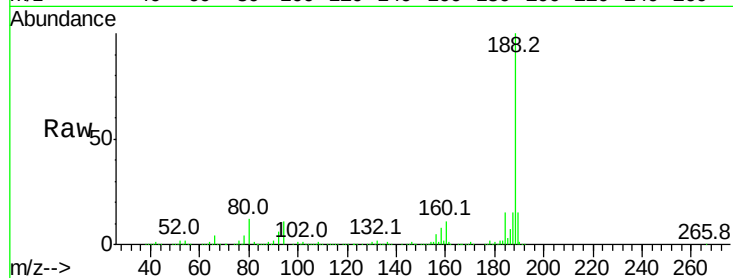




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

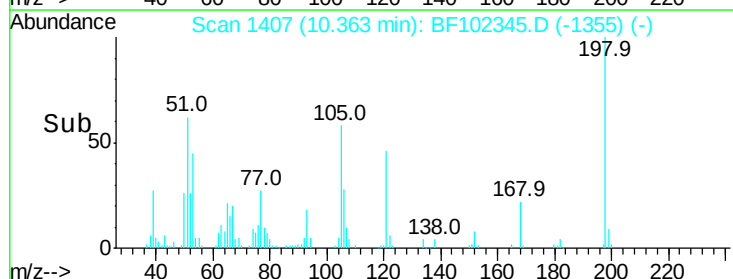
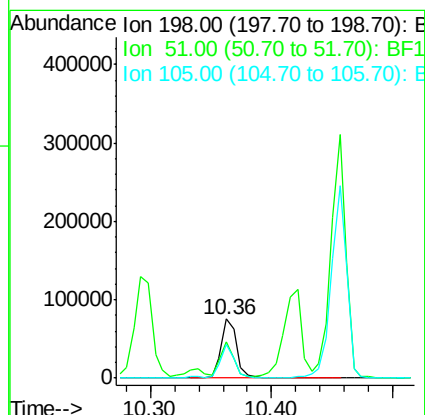
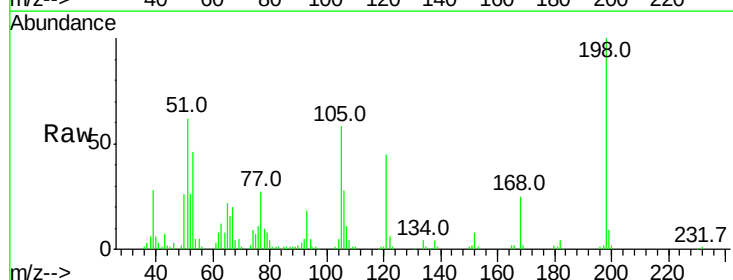
Instrument :
BNA_F
ClientSampleId :

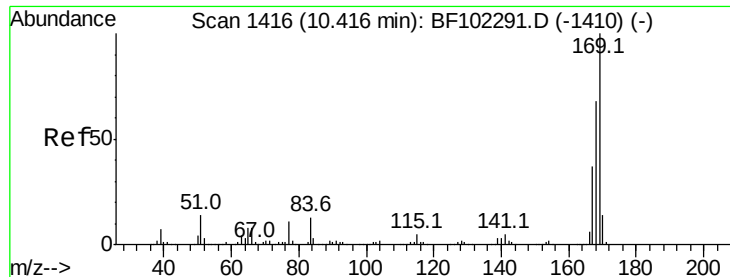
Tot Ion:188 Resp: 508106
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.764 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:198 Resp: 66998
Ion Ratio Lower Upper
198 100
51 61.9 37.7 77.7
105 57.6 36.3 76.3

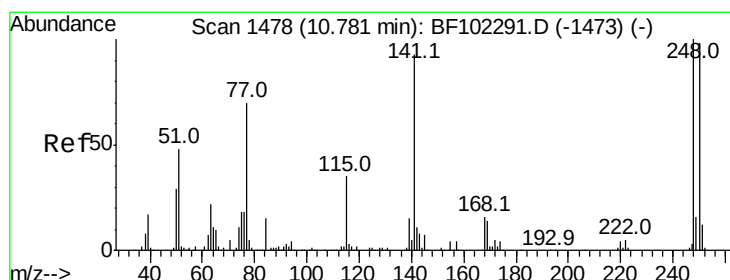
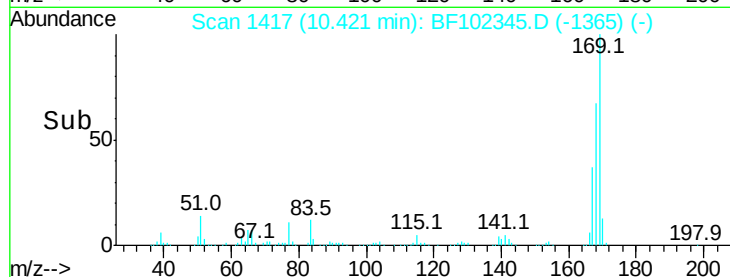
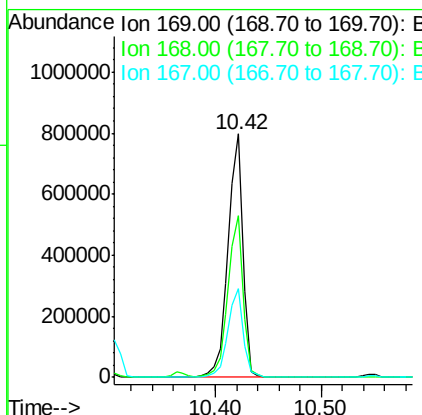
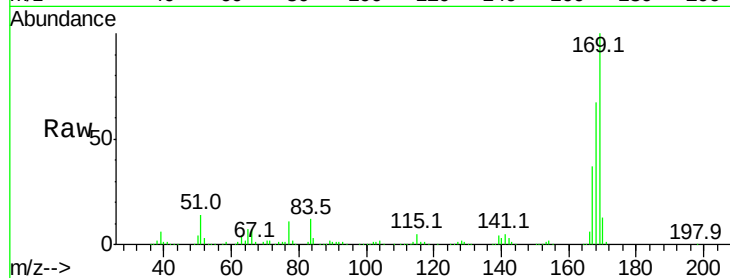




#65
 n-Nitrosodiphenylamine
 Concen: 41.578 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

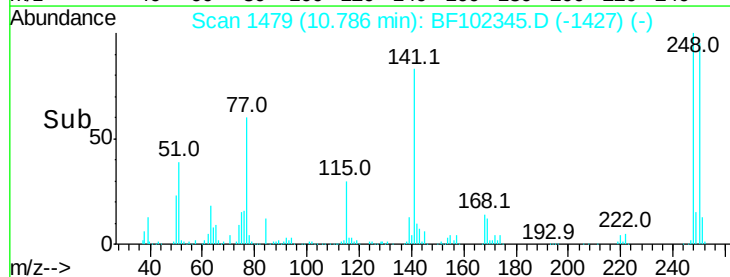
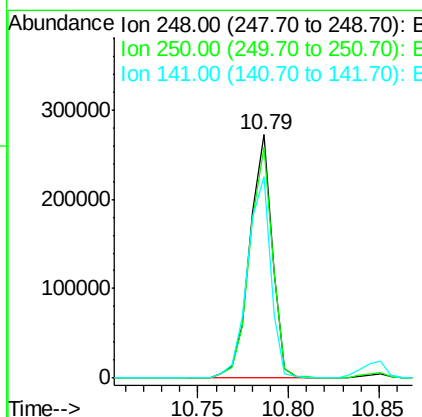
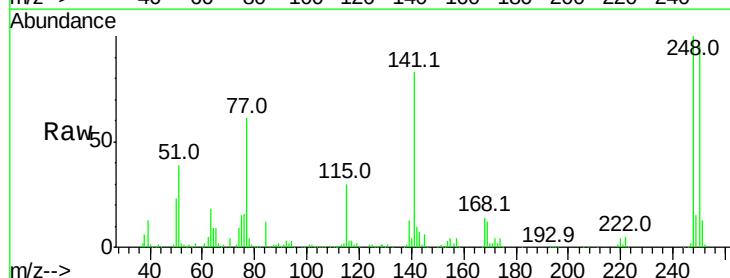
Instrument :
 BNA_F
 ClientSampleId :

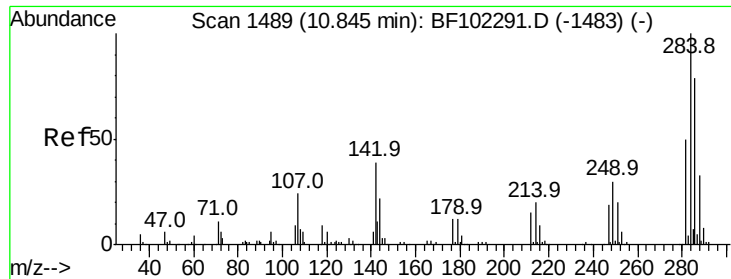
Tot Ion:169 Resp: 775406
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.118 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion:248 Resp: 235847
 Ion Ratio Lower Upper
 248 100
 250 94.6 76.9 115.3
 141 82.8 74.4 111.6

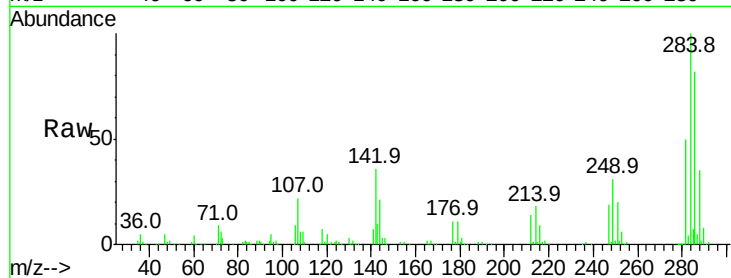




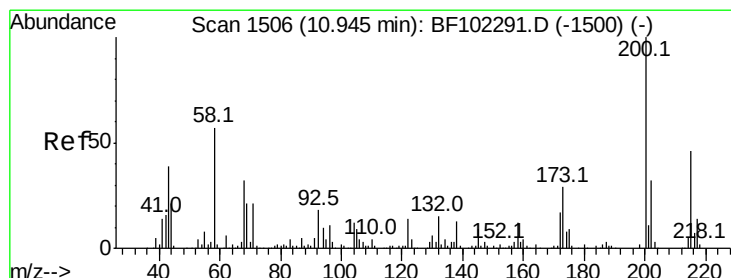
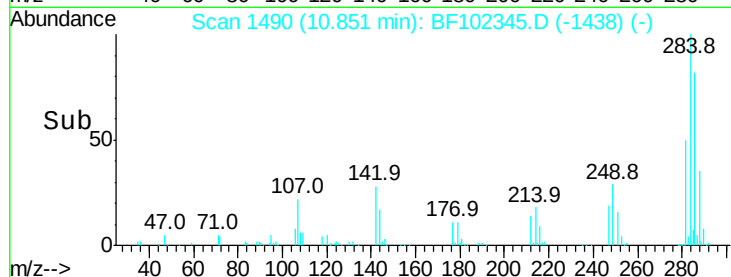
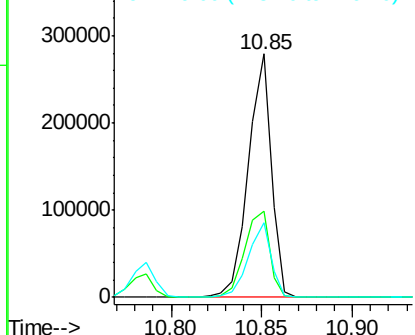
#67
Hexachlorobenzene
Concen: 40.271 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 246348
Ion Ratio Lower Upper
284 100
142 35.7 34.6 52.0
249 30.9 24.8 37.2

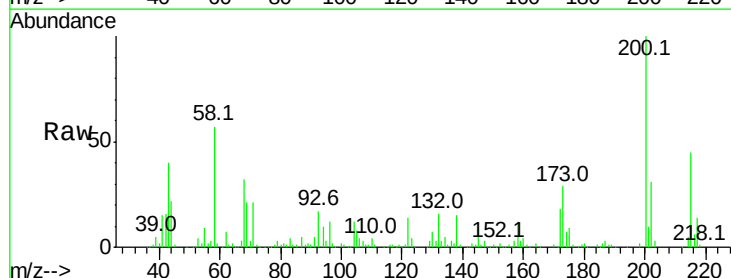


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

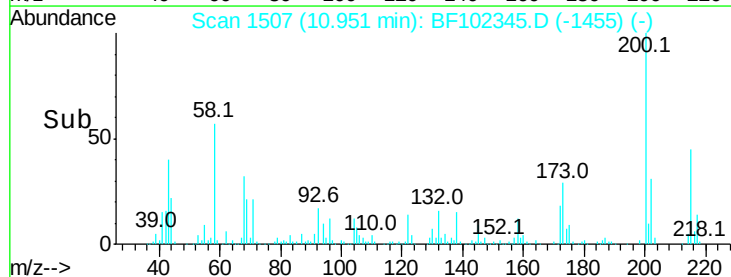
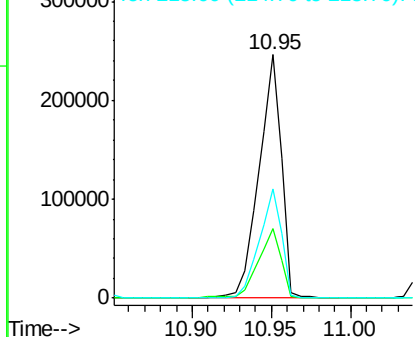


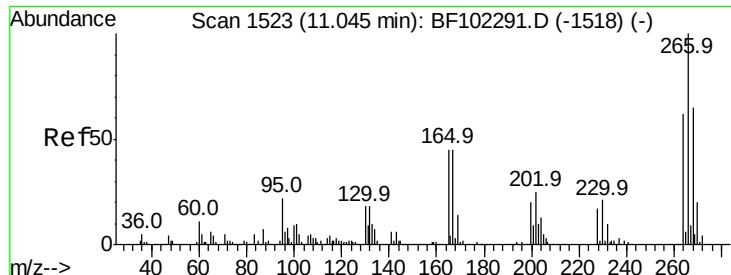
#68
Atrazine
Concen: 44.321 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:200 Resp: 244121
Ion Ratio Lower Upper
200 100
173 28.7 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

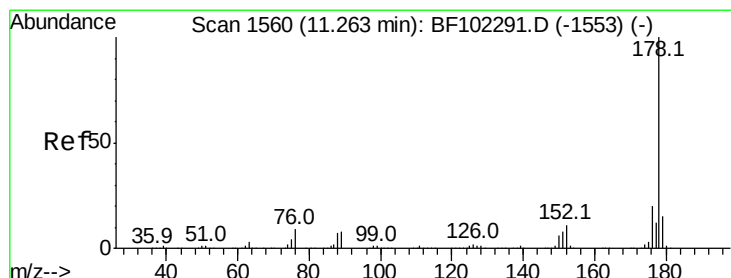
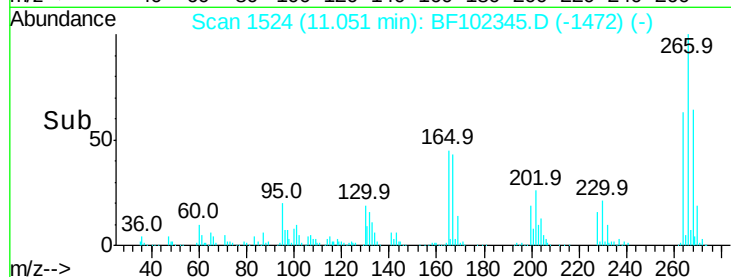
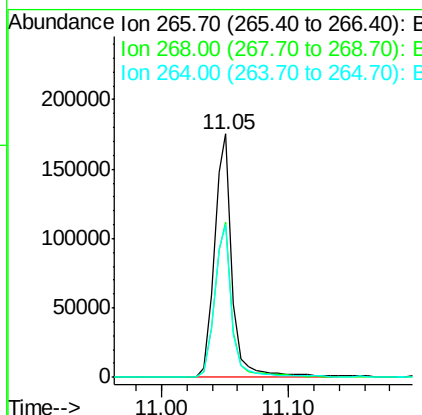
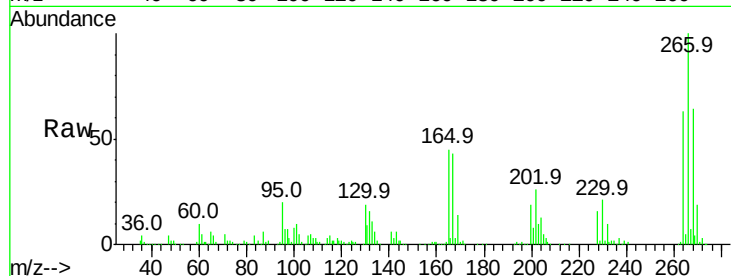




#69
 Pentachlorophenol
 Concen: 53.911 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

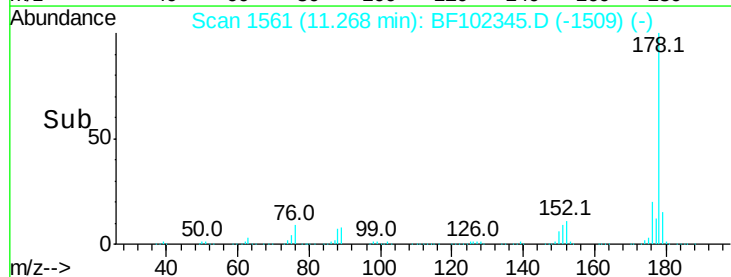
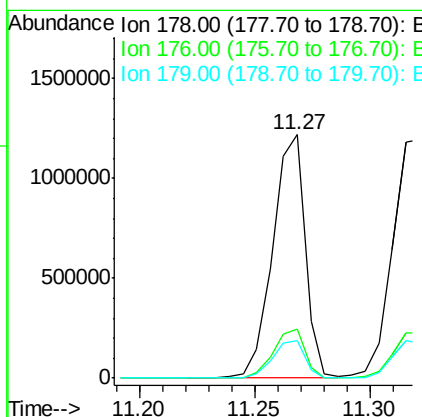
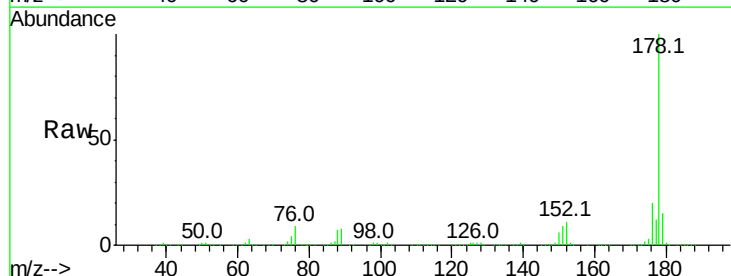
Instrument :
 BNA_F
 ClientSampleId :

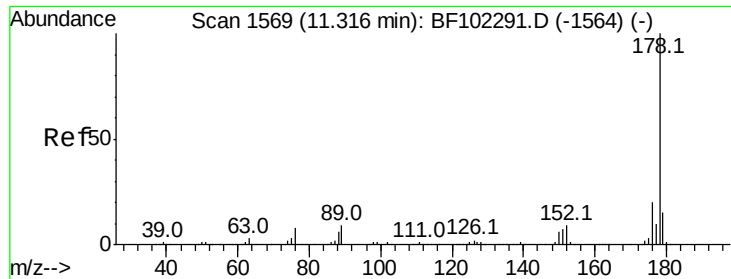
Tot Ion:266 Resp: 173243
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 62.6 49.5 74.3



#70
 Phenanthrene
 Concen: 40.182 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion:178 Resp: 1189715
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.5 13.0 19.6

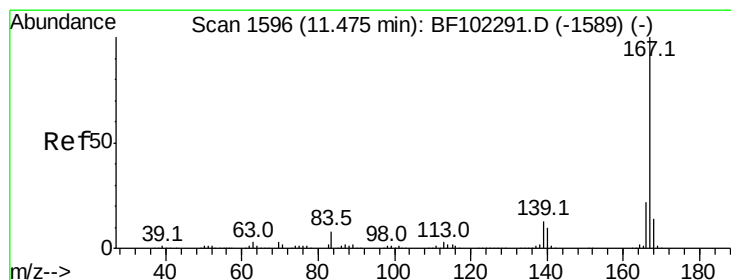
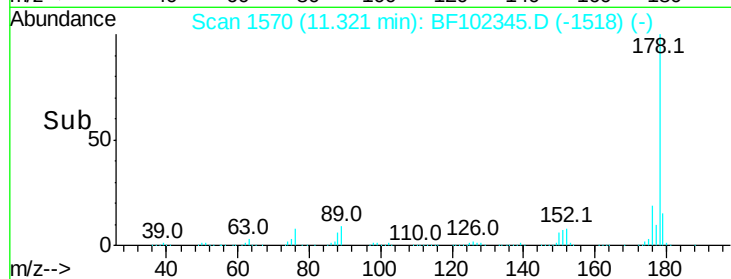
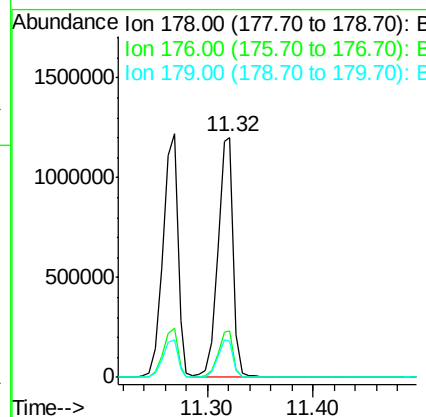
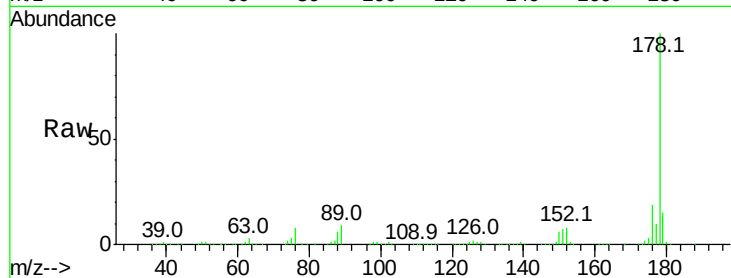




#71
 Anthracene
 Concen: 41.079 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

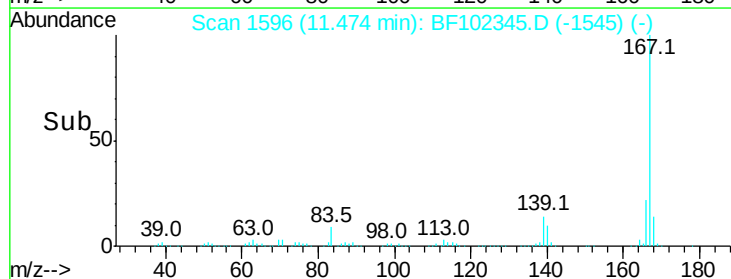
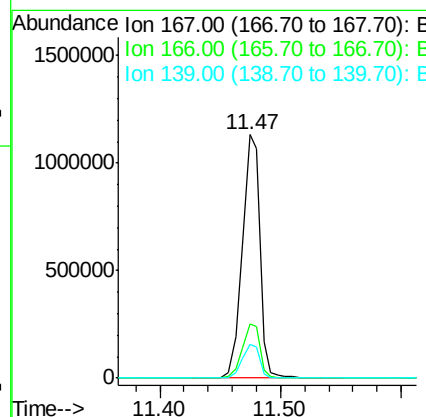
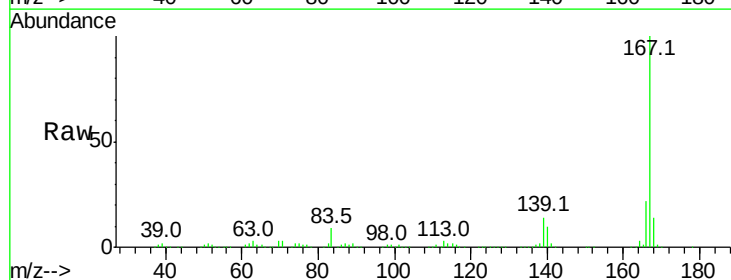
Instrument :
 BNA_F
 ClientSampleId :

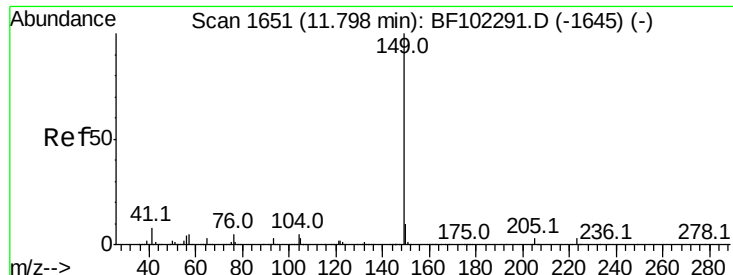
Tot Ion:178 Resp: 1241443
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 39.382 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion:167 Resp: 1161106
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.855 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

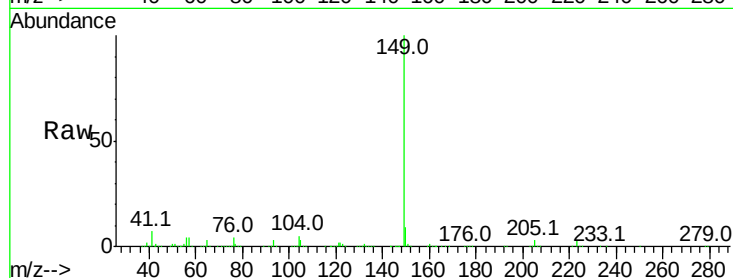
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1468781

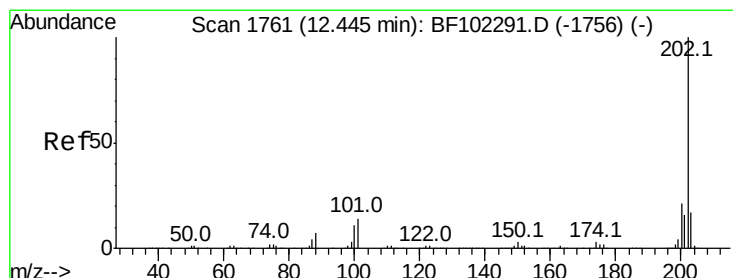
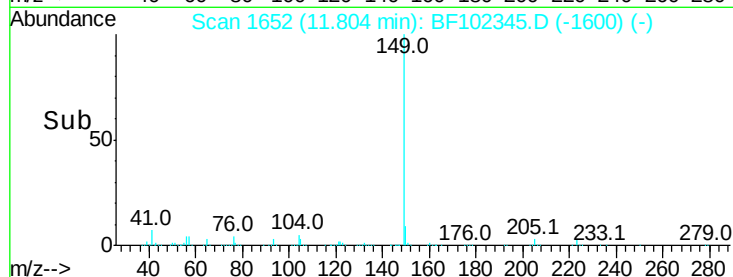
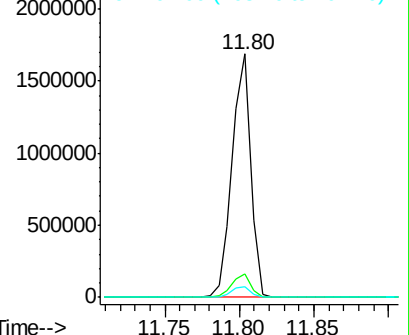
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.5	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.030 ng

RT: 12.45 min Scan# 1762

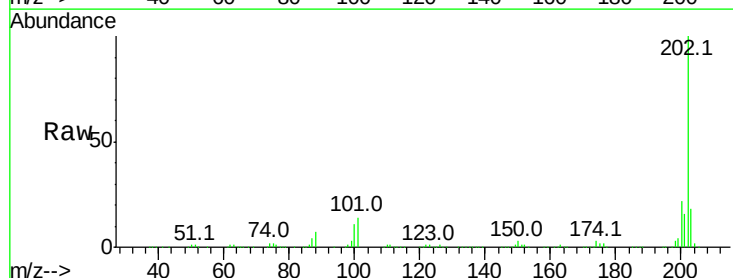
Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Tgt Ion:202 Resp: 1208650

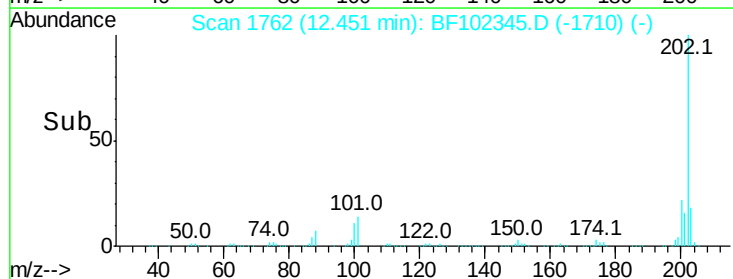
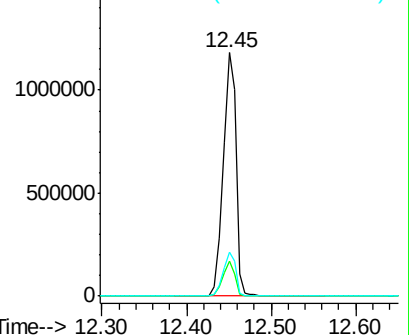
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.8	0.0	38.1

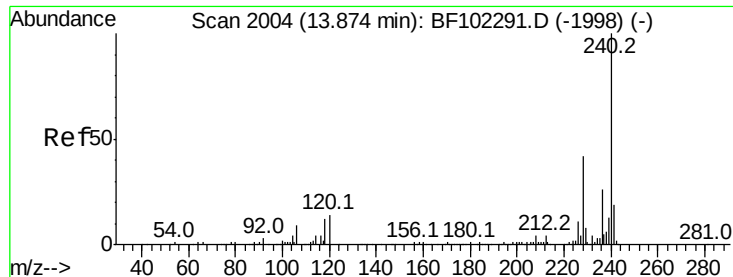


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

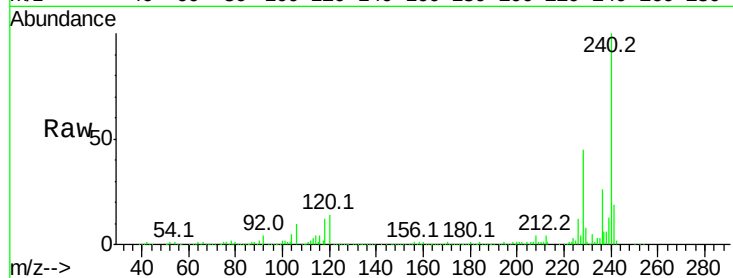
Tot Ion:240 Resp: 364697

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

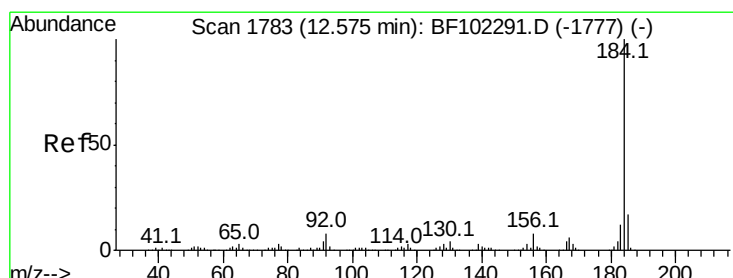
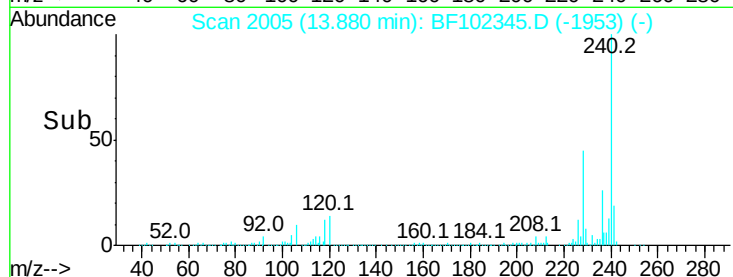
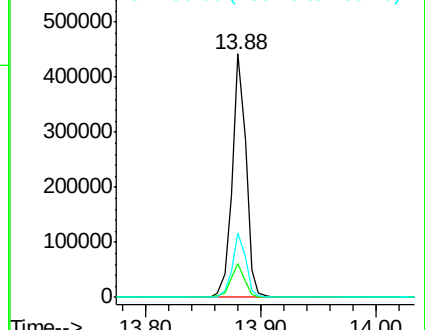
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.171 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

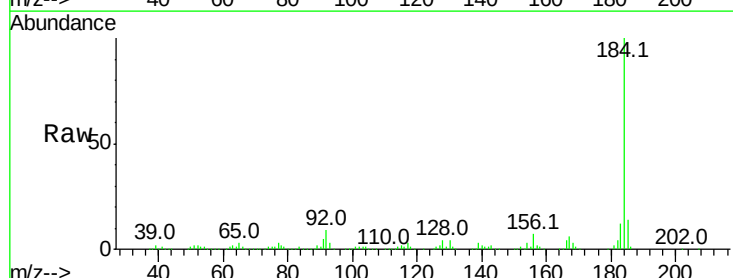
Tgt Ion:184 Resp: 455397

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

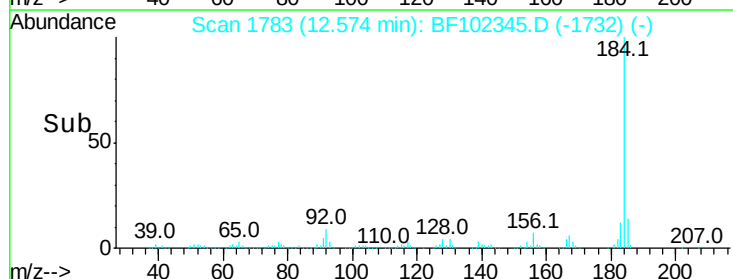
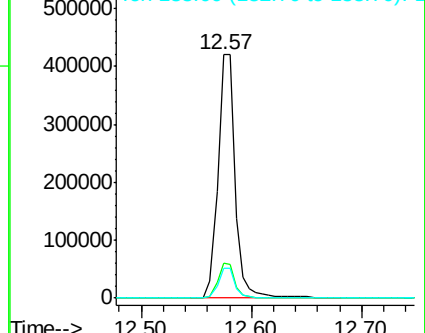
183 12.3 9.3 13.9

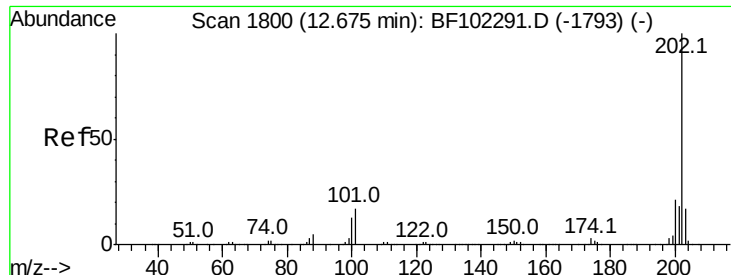


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.924 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

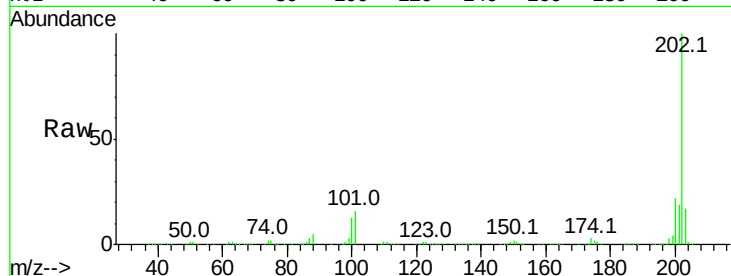
Tot Ion:202 Resp: 1210345

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

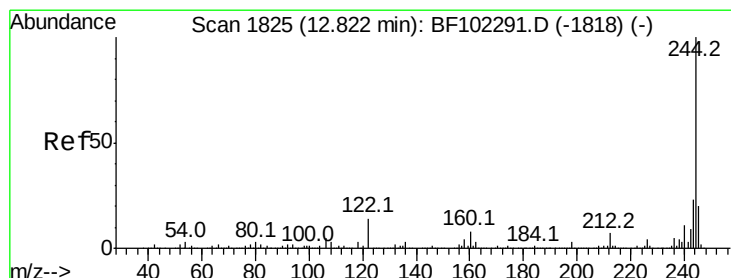
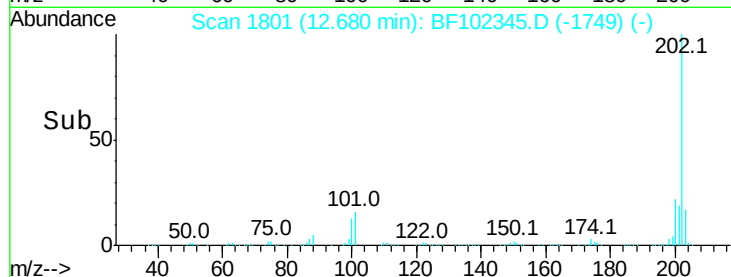
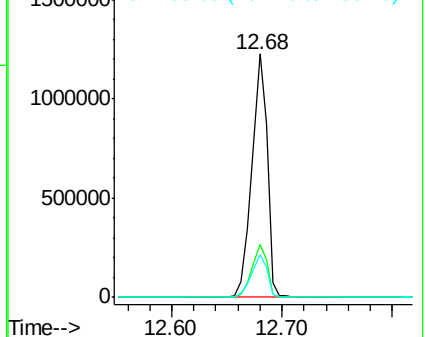
203 17.3 14.3 21.5



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: 88.667 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

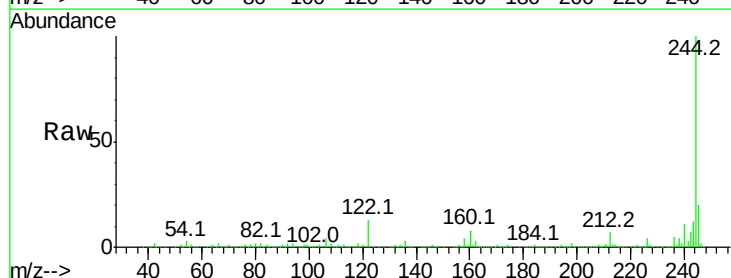
Tgt Ion:244 Resp: 1434406

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

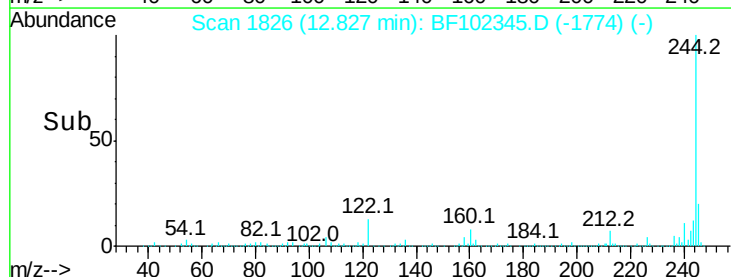
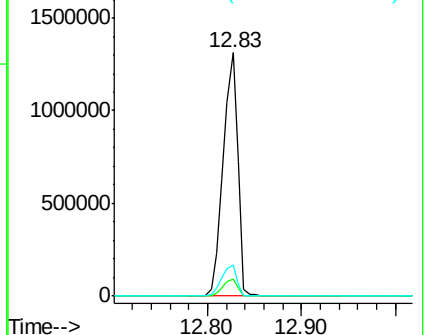
122 12.9 11.0 16.4

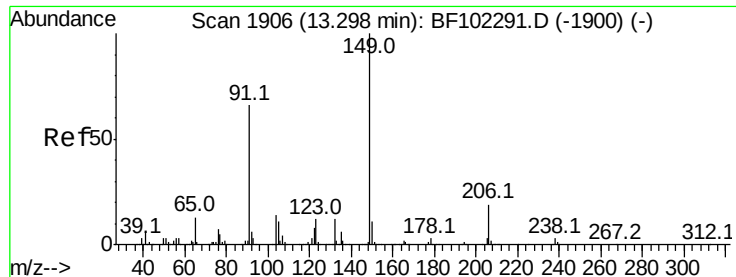


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.335 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF102345.D

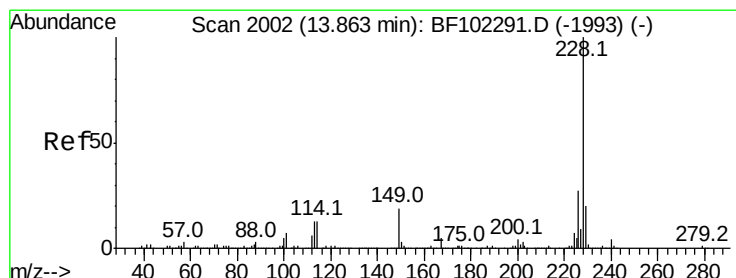
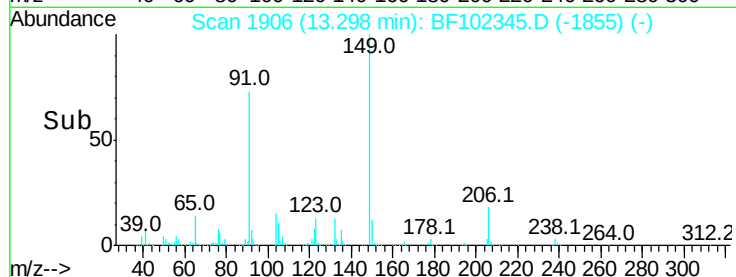
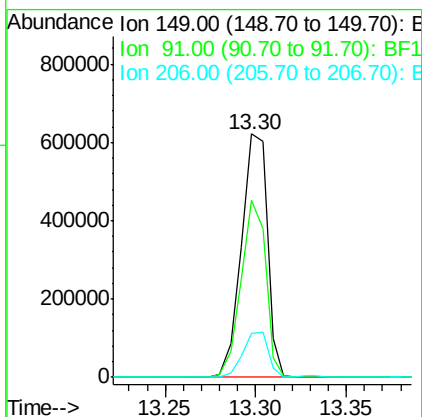
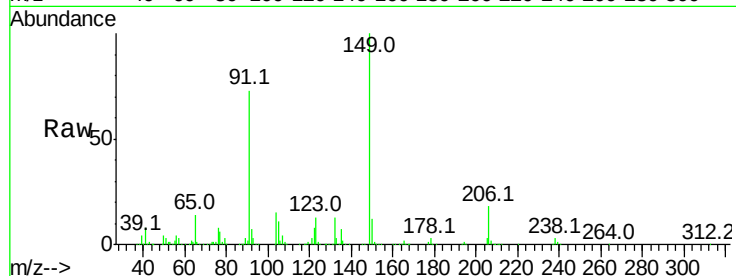
Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	622130
Ion	Ratio	Lower	Upper
149	100		
91	72.6	56.8	85.2
206	17.9	14.1	21.1



#80

Benzo(a)anthracene

Concen: 41.517 ng

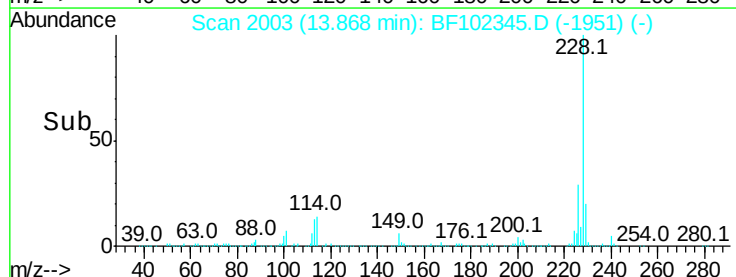
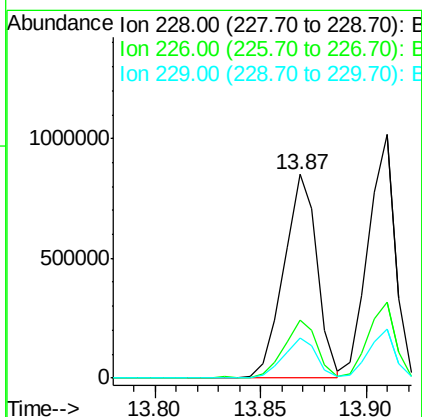
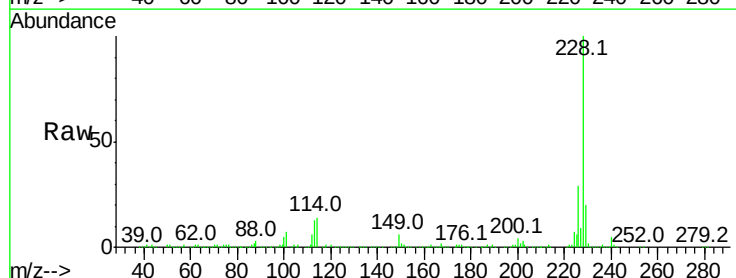
RT: 13.87 min Scan# 2003

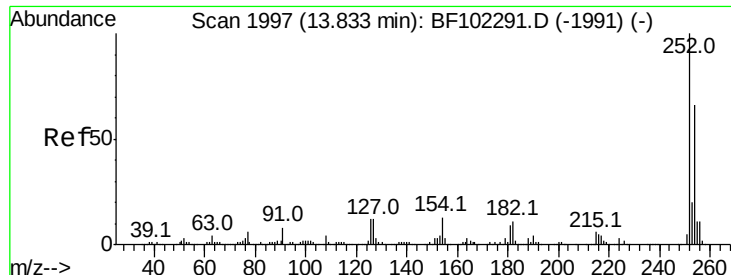
Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Tgt Ion:	228	Resp:	932186
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.7	15.8	23.6

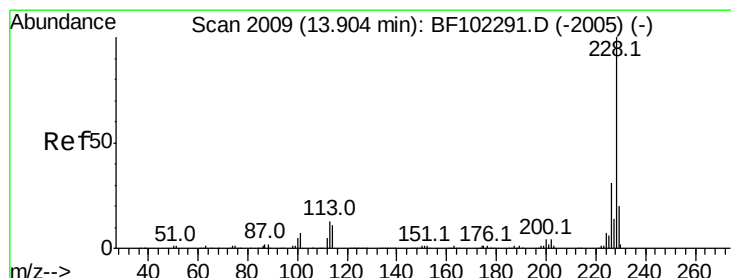
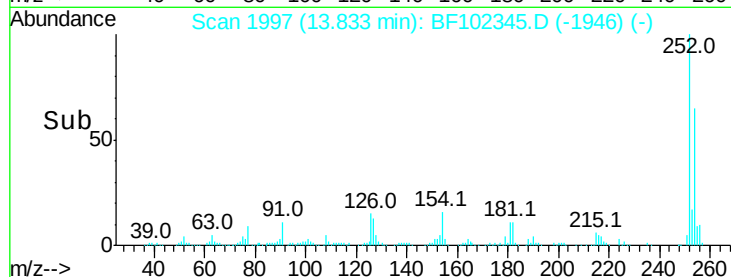
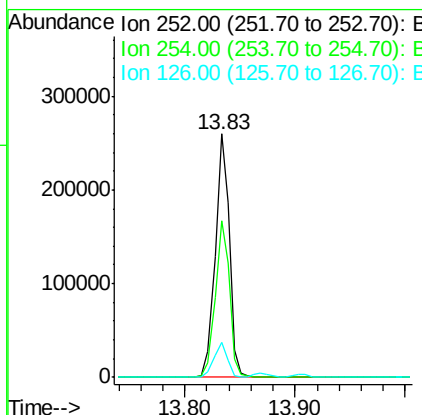
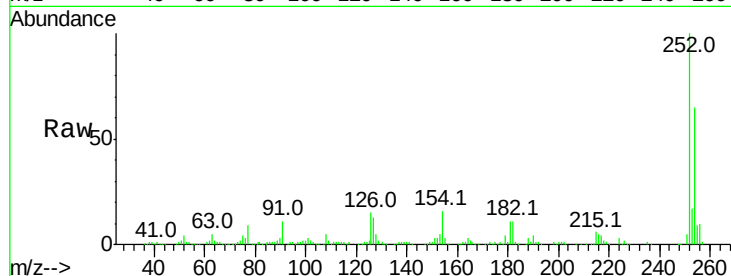




#81
 3,3'-Dichlorobenzidine
 Concen: 27.716 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

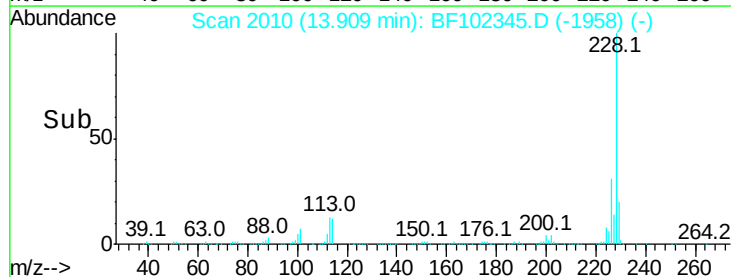
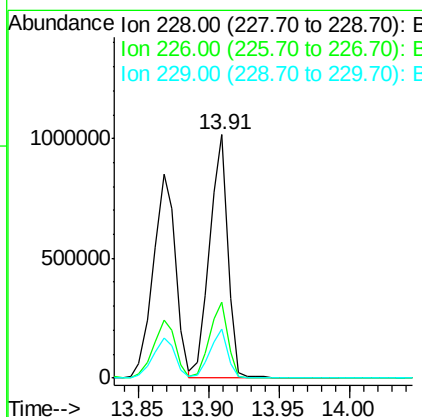
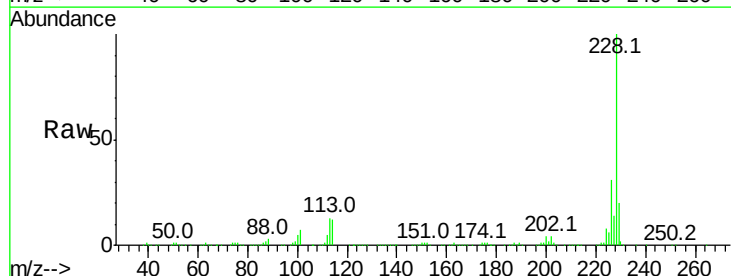
Instrument :
 BNA_F
 ClientSampleId :

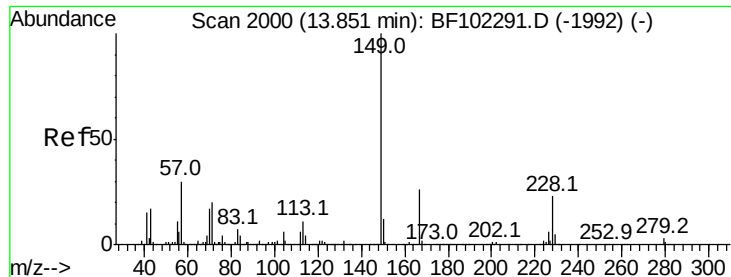
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	14.6	11.3	16.9



#82
 Chrysene
 Concen: 40.077 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.886 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampled :

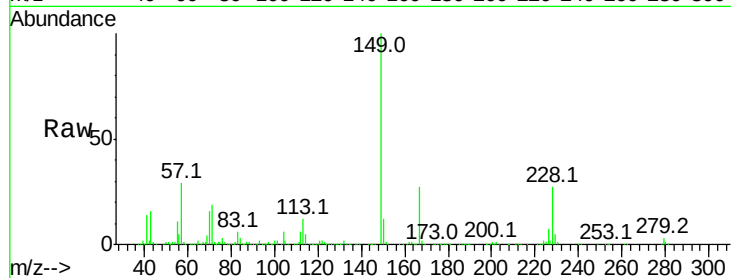
Tot Ion:149 Resp: 808746

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

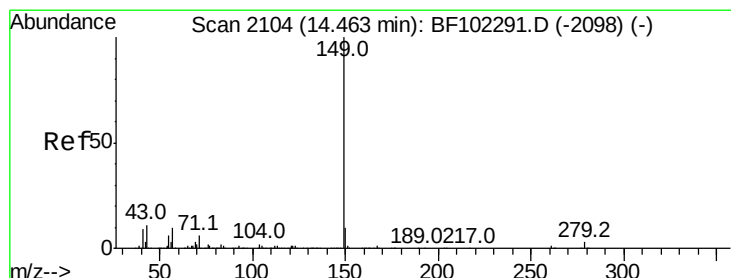
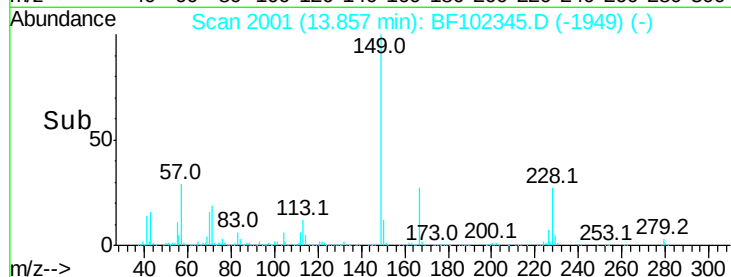
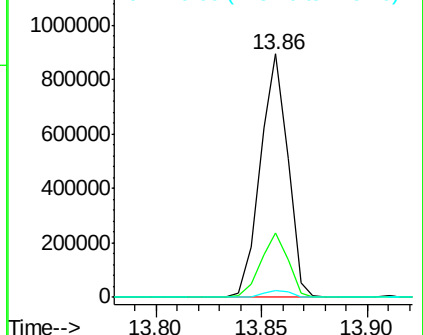
279 2.9 3.0 4.4#



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: 44.217 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

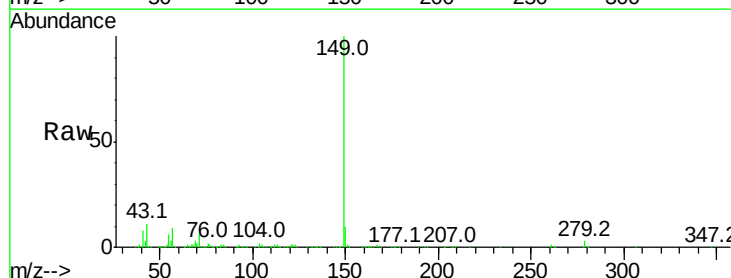
Tgt Ion:149 Resp: 1356027

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

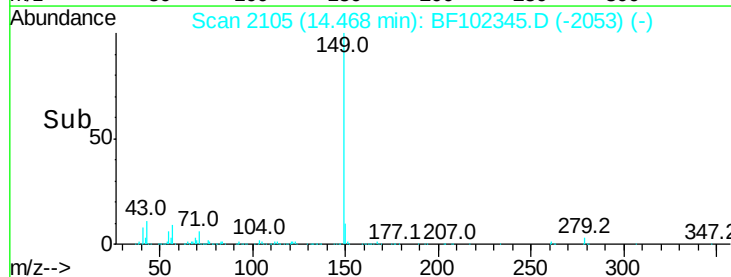
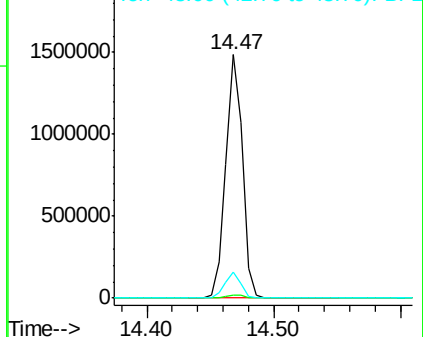
43 10.2 8.4 12.6

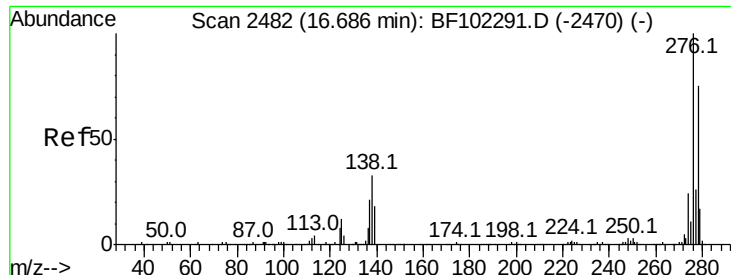


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

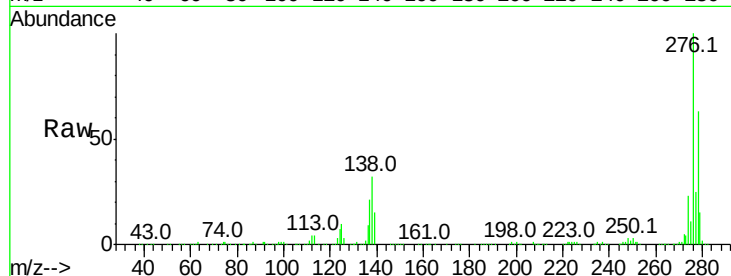




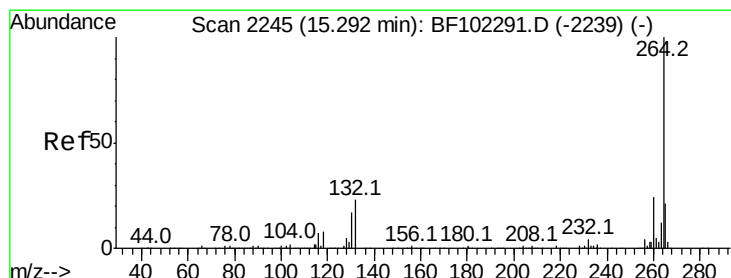
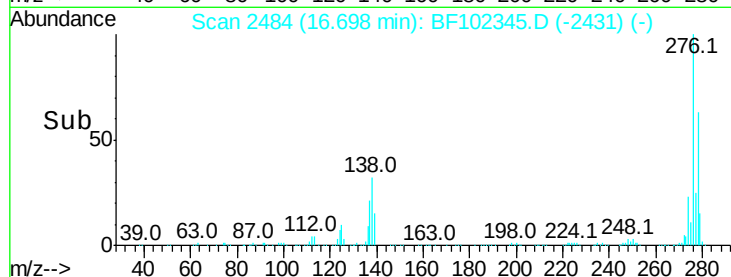
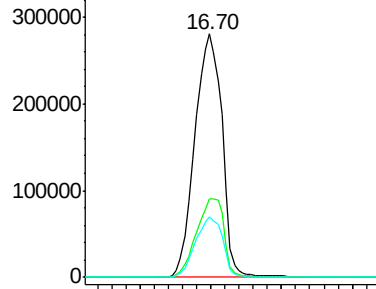
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.933 ng
 RT: 16.70 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	25.1	20.1	30.1

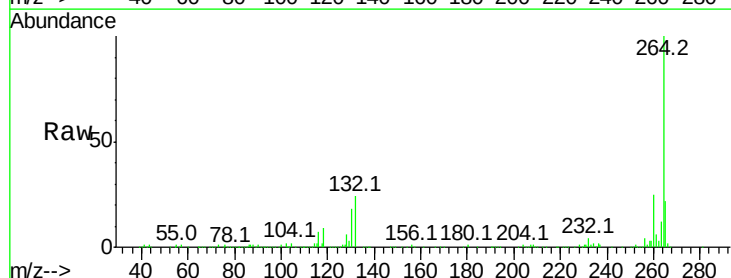


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

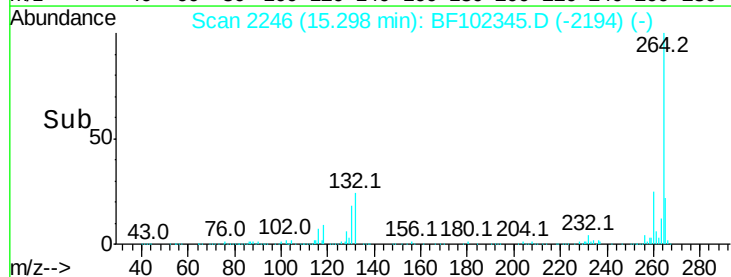
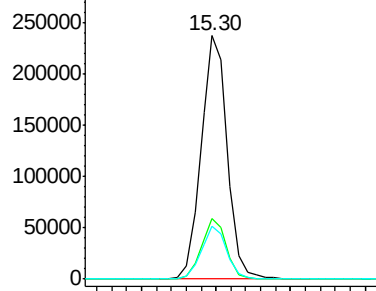


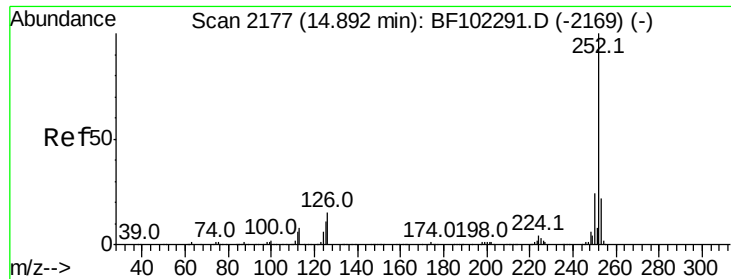
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102345.D
 Acq: 23 Jan 2018 15:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.9	17.5	26.3



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

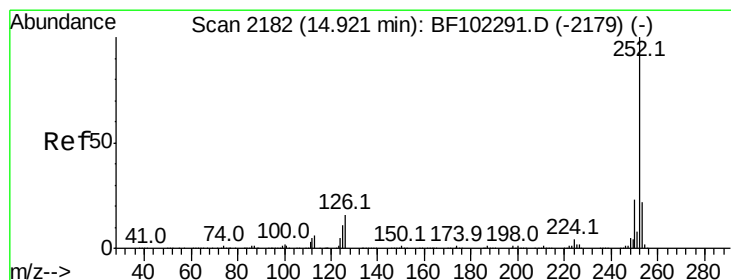
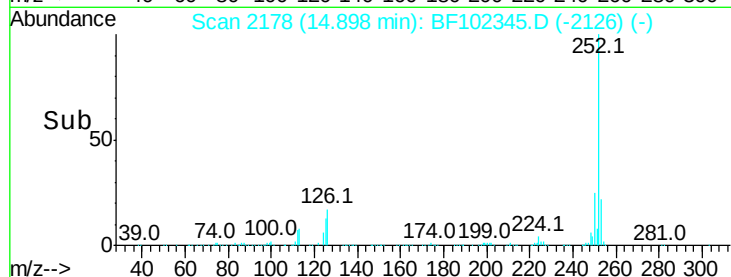
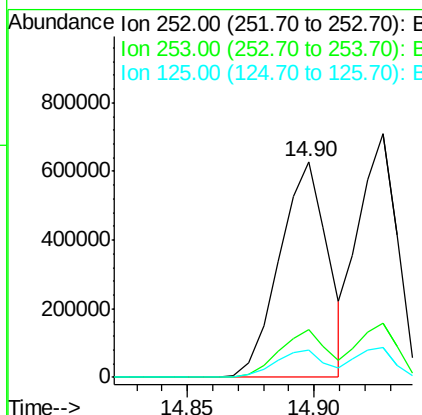
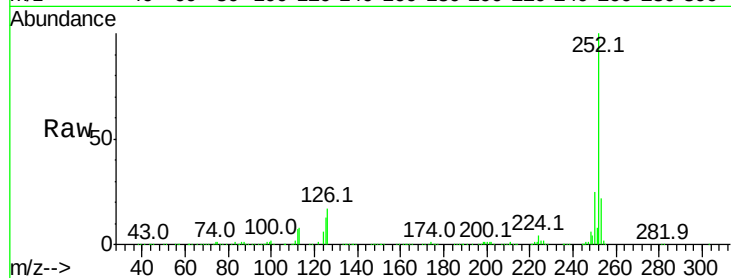




#87
Benzo(b)fluoranthene
Concen: 44.079 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

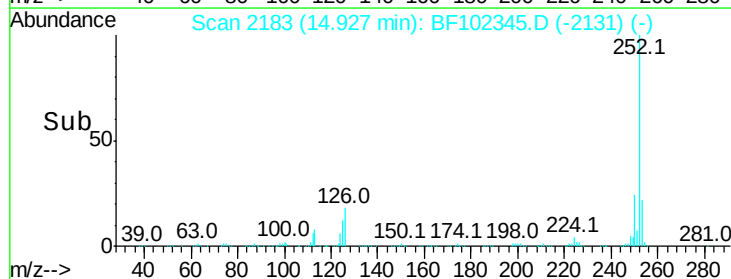
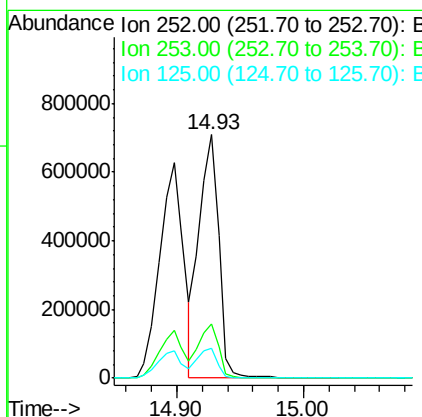
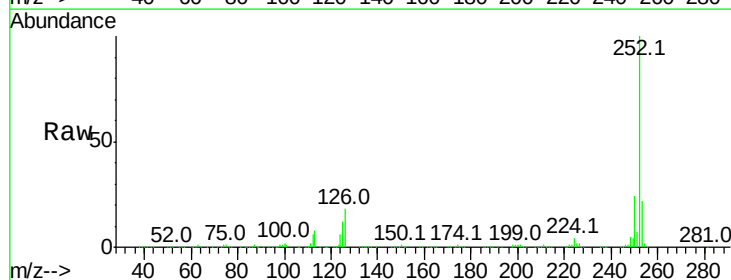
Instrument :
BNA_F
ClientSampleId :

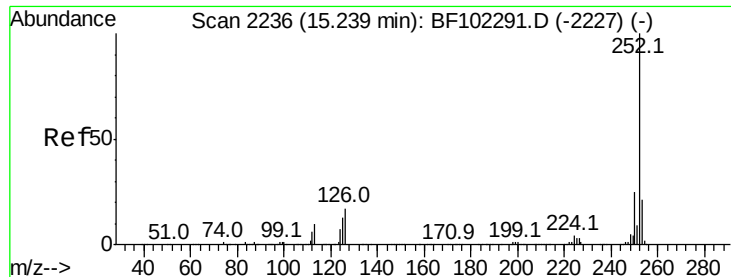
Tot Ion:252 Resp: 829641
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.811 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102345.D
Acq: 23 Jan 2018 15:00

Tgt Ion:252 Resp: 761271
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 44.602 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :

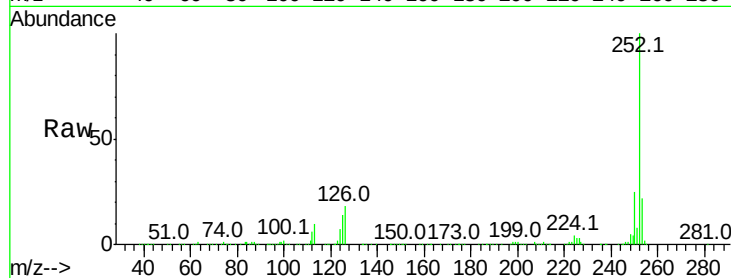
Tot Ion:252 Resp: 757116

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

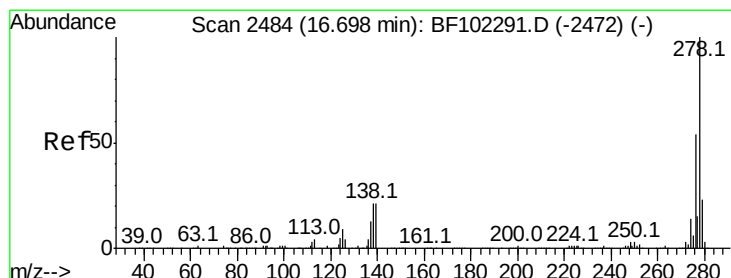
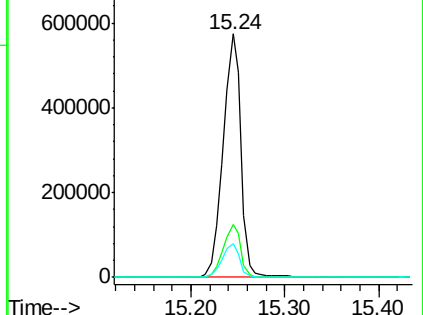
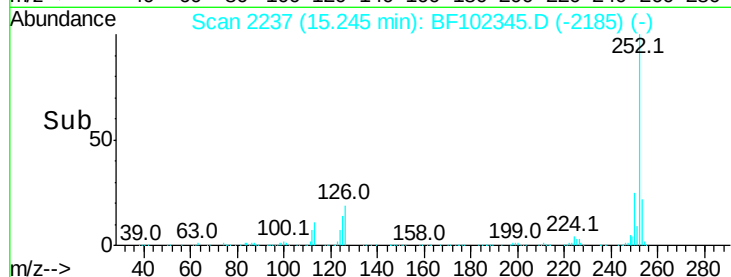
125 13.7 9.8 14.6



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: 44.587 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.02 min

Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

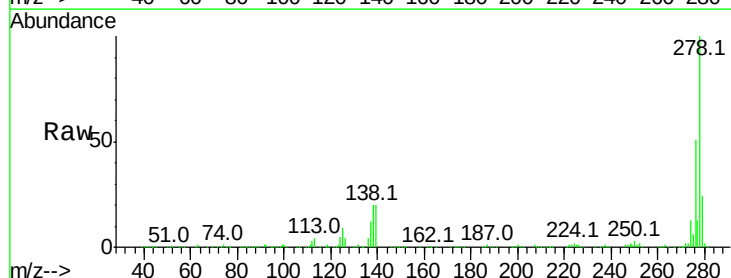
Tgt Ion:278 Resp: 613093

Ion Ratio Lower Upper

278 100

139 20.3 15.9 23.9

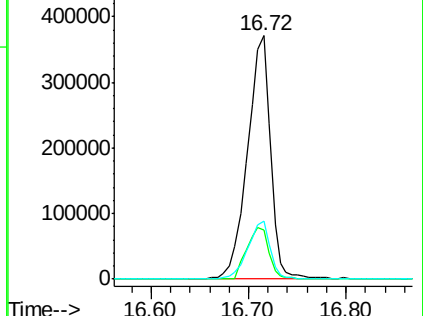
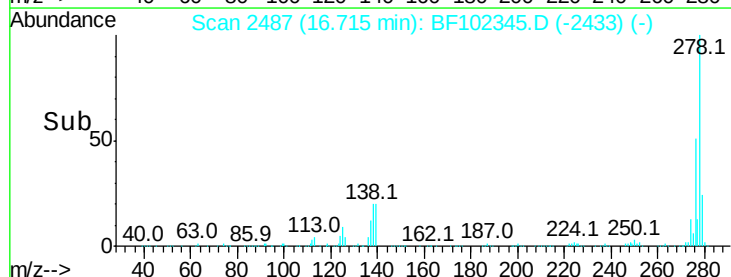
279 23.8 19.0 28.4

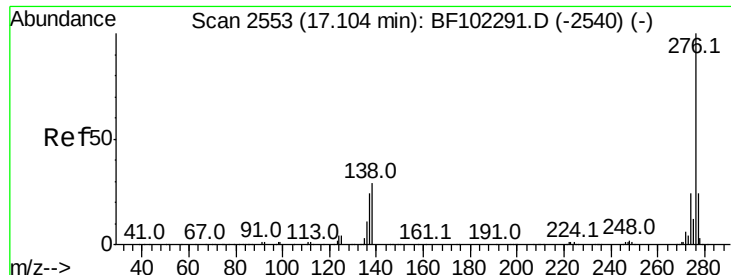


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.560 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

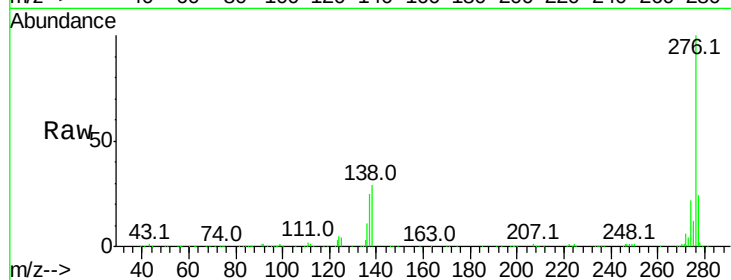
Lab File: BF102345.D

Acq: 23 Jan 2018 15:00

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 645732

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 29.1 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

