

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101395.D
 Acq On : 14 Dec 2017 15:24
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 16:00:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	163181	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	667241	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	300062	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	559995	20.00	ng	0.00
75) Chrysene-d12	14.00	240	446447	20.00	ng	0.00
86) Perylene-d12	15.47	264	428699	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	870939	79.50	ng	0.00
7) Phenol-d6	6.46	99	1032568	75.74	ng	0.00
23) Nitrobenzene-d5	7.39	82	946946	79.00	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	223484	77.29	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1508044	77.96	ng	0.00
78) Terphenyl-d14	12.93	244	1358988	73.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	219280	38.956	ng	93
3) Pyridine	3.32	79	635278	40.620	ng	96
4) n-Nitrosodimethylamine	3.28	42	291542	40.487	ng	95
6) Aniline	6.49	93	729002	38.477	ng	95
8) 2-Chlorophenol	6.60	128	439496	38.138	ng	97
9) Benzaldehyde	6.37	77	395465	39.276	ng	98
10) Phenol	6.47	94	608611	39.166	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	477082	39.140	ng	95
12) 1,3-Dichlorobenzene	6.76	146	502903	38.667	ng	99
13) 1,4-Dichlorobenzene	6.83	146	508771	38.307	ng	99
14) 1,2-Dichlorobenzene	6.99	146	462727	38.706	ng	98
15) Benzyl Alcohol	6.96	79	355136	37.844	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	743800	39.872	ng	91
17) 2-Methylphenol	7.07	107	397049	37.457	ng	95
18) Hexachloroethane	7.32	117	178646	38.688	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	326370	36.451	ng	93
20) 3+4-Methylphenols	7.23	107	439594	39.135	ng	# 53
22) Acetophenone	7.23	105	577544	37.934	ng	# 87
24) Nitrobenzene	7.41	77	518241	39.065	ng	99
25) Isophorone	7.65	82	917892	38.173	ng	98
26) 2-Nitrophenol	7.72	139	235676	41.351	ng	97
27) 2,4-Dimethylphenol	7.76	122	371730	38.392	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	589336	38.583	ng	98
29) 2,4-Dichlorophenol	7.96	162	372976	38.991	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	383411	37.981	ng	94
31) Naphthalene	8.12	128	1275632	37.975	ng	99
32) Benzoic acid	7.91	122	226447	36.914	ng	92
33) 4-Chloroaniline	8.17	127	557904	38.213	ng	97
34) Hexachlorobutadiene	8.23	225	223135	38.218	ng	99
35) Caprolactam	8.56	113	127687	38.442	ng	# 82
36) 4-Chloro-3-methylphenol	8.66	107	404834	38.505	ng	99
37) 2-Methylnaphthalene	8.82	142	820891	37.509	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	399567	39.441	ng	97
40) Hexachlorocyclopentadiene	8.96	237	58000	41.207	ng	96

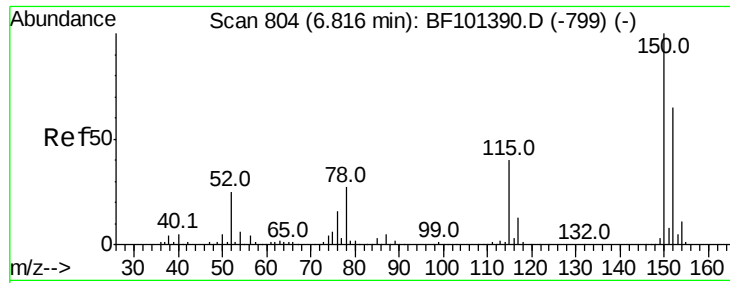
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101395.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	241619	39.616	ng	98
43) 2,4,5-Trichlorophenol	9.15	196	267534	40.061	ng	96
45) 1,1'-Biphenyl	9.28	154	1008301	37.890	ng	99
46) 2-Chloronaphthalene	9.30	162	774336	38.029	ng	98
47) 2-Nitroaniline	9.41	65	285907	40.647	ng	87
48) Acenaphthylene	9.72	152	1214792	37.773	ng	99
49) Dimethylphthalate	9.58	163	906507	37.559	ng	99
50) 2,6-Dinitrotoluene	9.65	165	196479	40.053	ng	# 86
51) Acenaphthene	9.89	154	733339	37.954	ng	100
52) 3-Nitroaniline	9.83	138	243981	39.893	ng	98
53) 2,4-Dinitrophenol	9.95	184	53613	37.652	ng	# 19
54) Dibenzofuran	10.06	168	960527	39.117	ng	97
55) 4-Nitrophenol	10.00	139	110855	41.569	ng	96
56) 2,4-Dinitrotoluene	10.06	165	224452	40.611	ng	# 80
57) Fluorene	10.41	166	815276	39.248	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	193683	40.368	ng	90
59) Diethylphthalate	10.27	149	894491	37.424	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	395442	39.722	ng	89
61) 4-Nitroaniline	10.45	138	243936	39.681	ng	97
62) Azobenzene	10.56	77	926731	37.429	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	123595	43.250	ng	92
65) n-Nitrosodiphenylamine	10.52	169	787292	38.075	ng	96
66) 4-Bromophenyl-phenylether	10.89	248	243432	38.688	ng	91
67) Hexachlorobenzene	10.96	284	257987	38.739	ng	# 88
68) Atrazine	11.05	200	239939	38.916	ng	97
69) Pentachlorophenol	11.16	266	86292	37.147	ng	99
70) Phenanthrene	11.37	178	1175122	37.734	ng	99
71) Anthracene	11.43	178	1205749	37.904	ng	99
72) Carbazole	11.59	167	1134139	38.080	ng	99
73) Di-n-butylphthalate	11.90	149	1379513	38.162	ng	99
74) Fluoranthene	12.57	202	1237270	37.851	ng	98
76) Benzidine	12.69	184	735541	39.009	ng	95
77) Pyrene	12.80	202	1276679	38.103	ng	98
79) Butylbenzylphthalate	13.40	149	574488	37.894	ng	97
80) Benzo(a)anthracene	13.99	228	1118813	37.952	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	372574	38.760	ng	# 96
82) Chrysene	14.03	228	1047416	37.631	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	730131	38.022	ng	99
84) Di-n-octyl phthalate	14.57	149	1332727	38.916	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	900830	36.344	ng	96
87) Benzo(b)fluoranthene	15.04	252	1004343	38.436	ng	98
88) Benzo(k)fluoranthene	15.07	252	961285	37.837	ng	98
89) Benzo(a)pyrene	15.42	252	918378	38.126	ng	98
90) Dibenzo(a,h)anthracene	16.97	278	759818	36.738	ng	97
91) Benzo(g,h,i)perylene	17.41	276	763385	37.276	ng	96

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

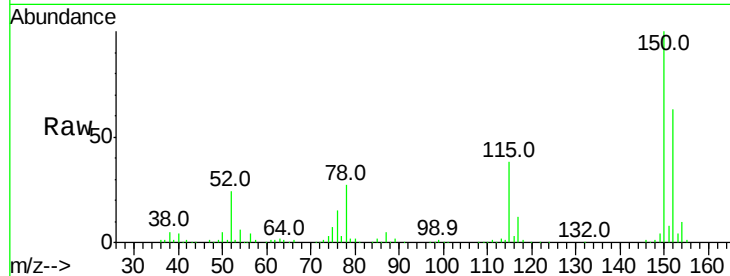


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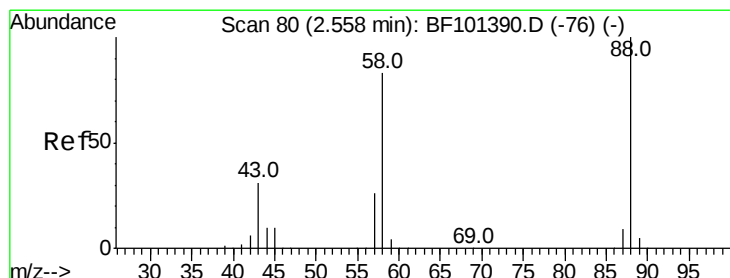
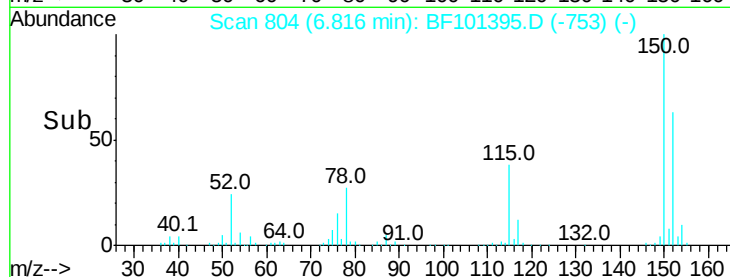
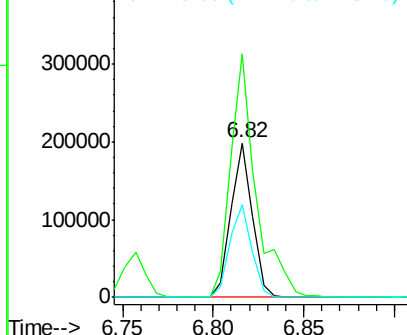
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 163181
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 60.3 50.1 75.1



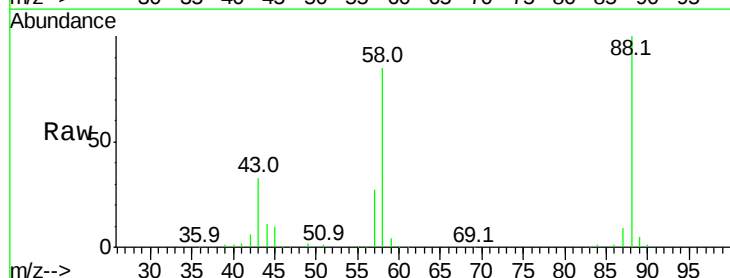
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



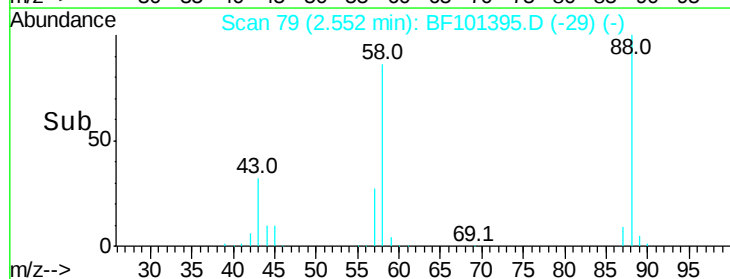
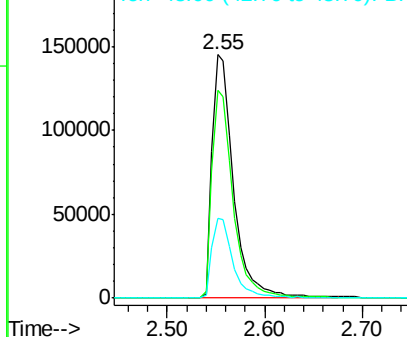
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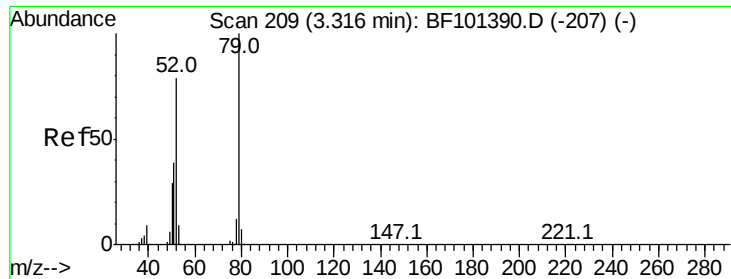
1,4-Dioxane
Concen: 38.956 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion: 88 Resp: 219280
Ion Ratio Lower Upper
88 100
58 85.6 62.6 93.8
43 33.2 24.6 37.0



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





#3

Pvridine

Concen: 40.620 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

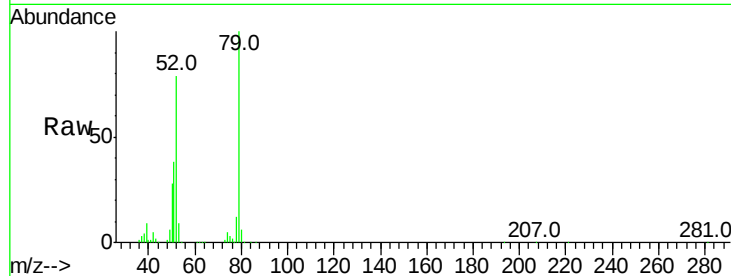
Tot Ion: 79 Resp: 635278

Ion Ratio Lower Upper

79 100

52 78.7 59.8 89.6

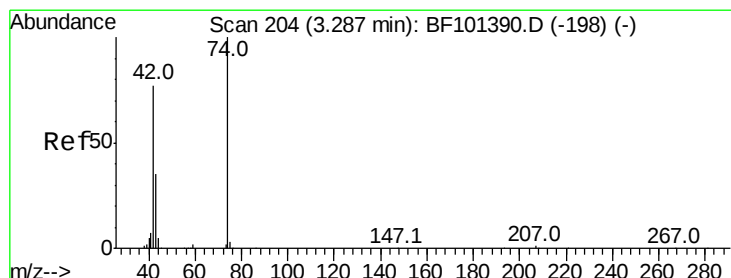
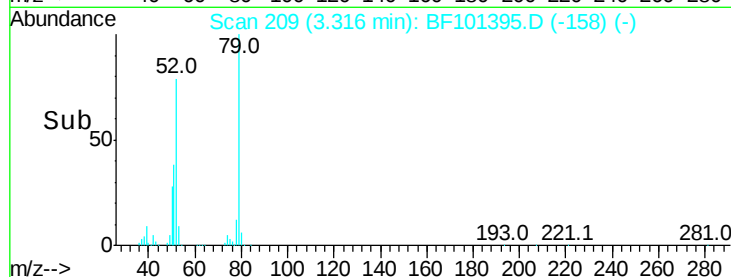
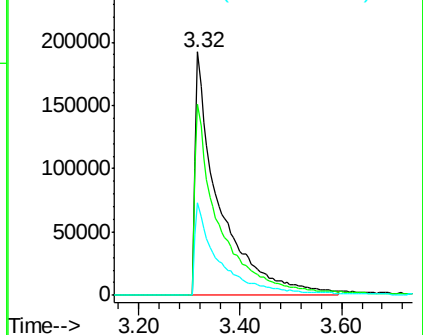
51 38.0 29.8 44.8



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: 40.487 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.01 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

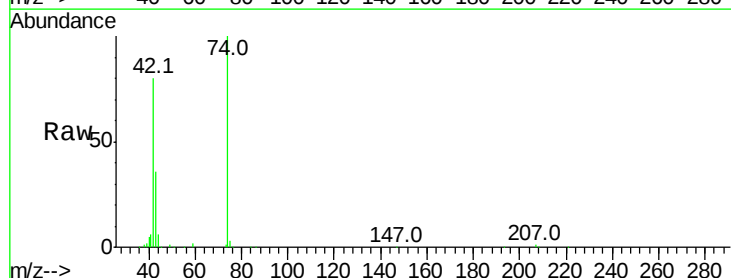
Tgt Ion: 42 Resp: 291542

Ion Ratio Lower Upper

42 100

74 125.5 104.9 157.3

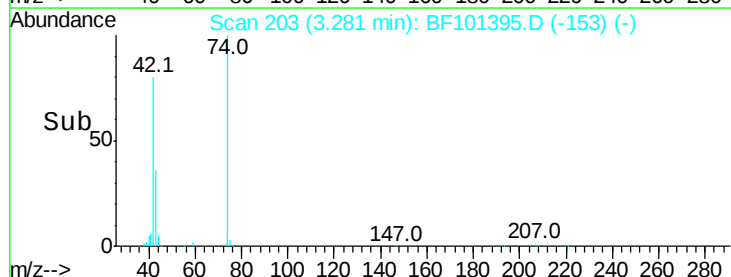
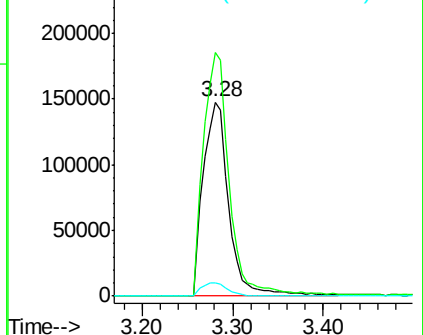
44 7.1 6.9 10.3

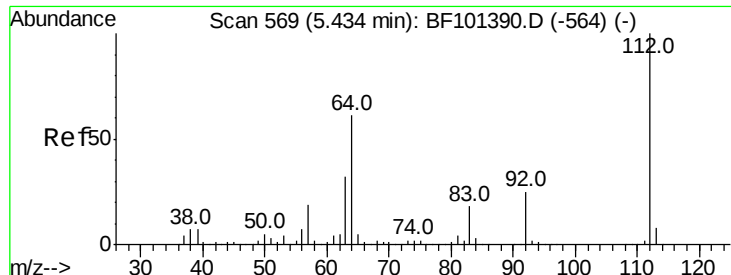


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.503 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampled :

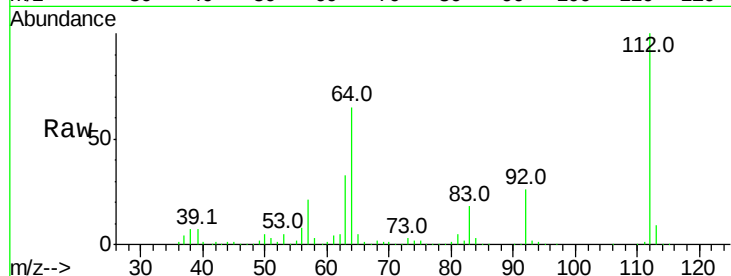
Tot Ion:112 Resp: 870939

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

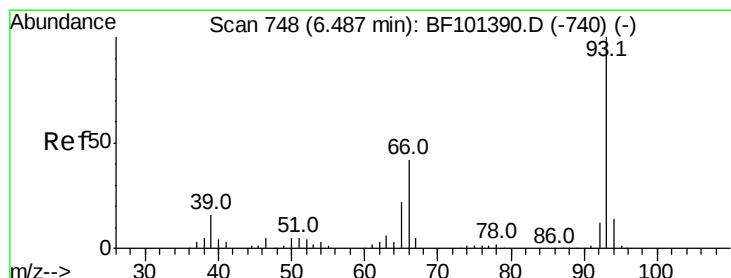
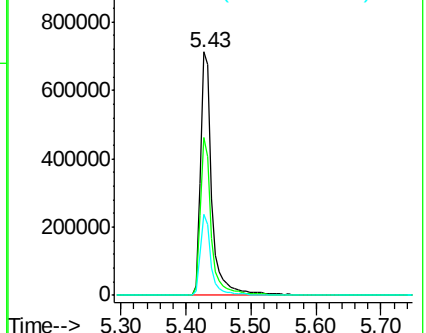
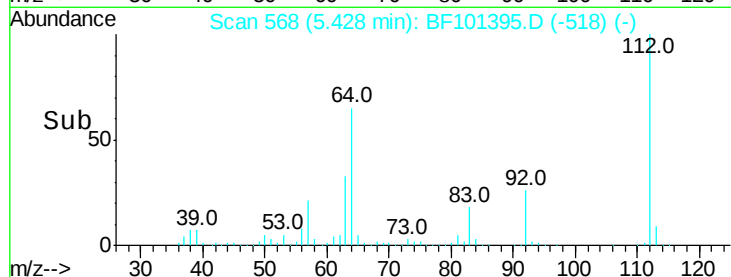
63 33.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.477 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

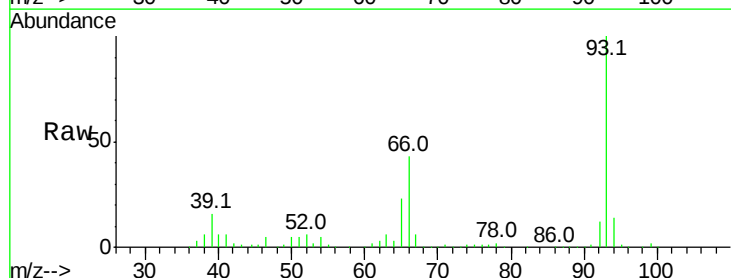
Tgt Ion: 93 Resp: 729002

Ion Ratio Lower Upper

93 100

66 43.3 32.2 48.2

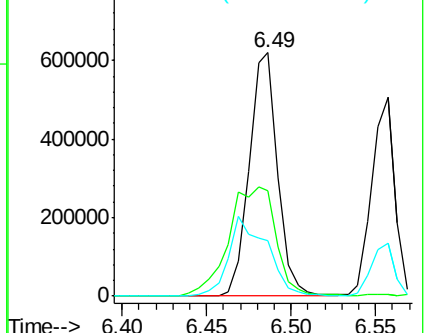
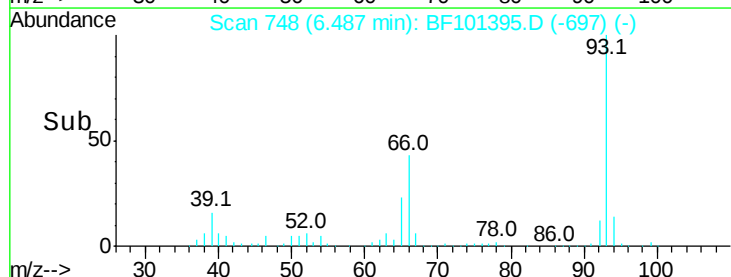
65 22.7 16.4 24.6

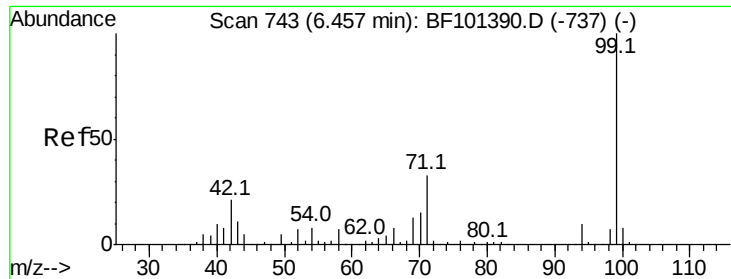


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.736 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampled :

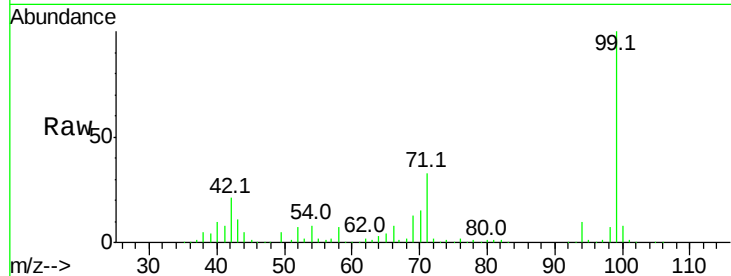
Tot Ion: 99 Resp: 1032568

Ion Ratio Lower Upper

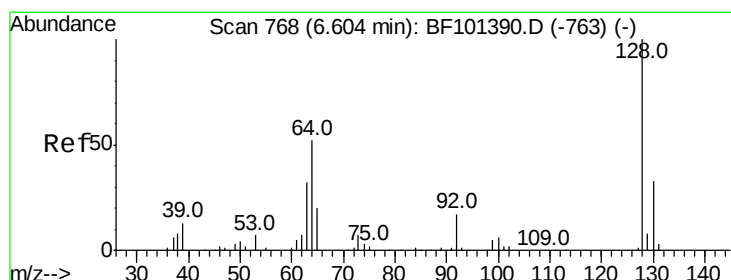
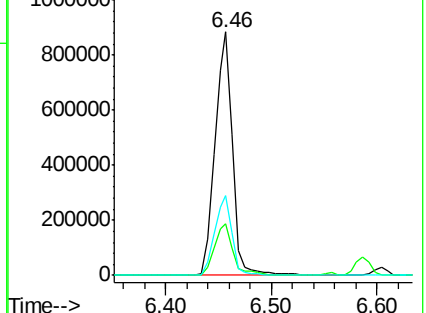
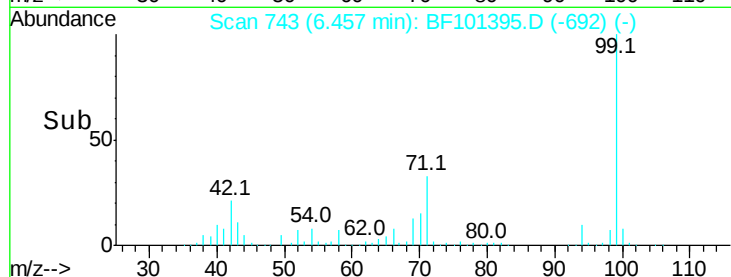
99 100

42 21.3 14.5 21.7

71 33.0 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: 38.138 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

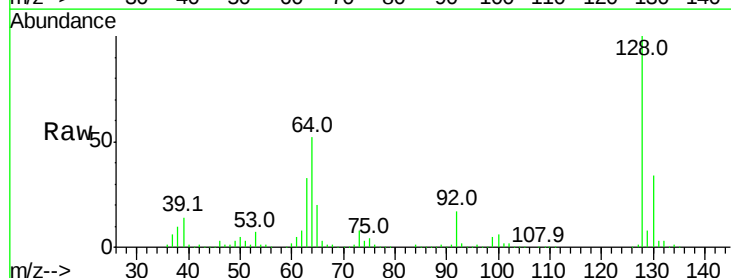
Tgt Ion: 128 Resp: 439496

Ion Ratio Lower Upper

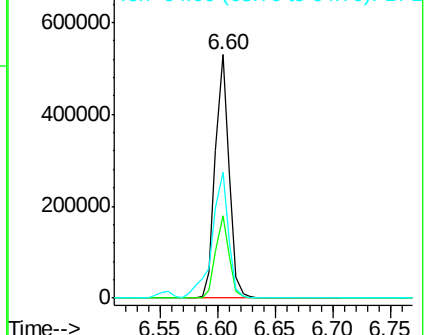
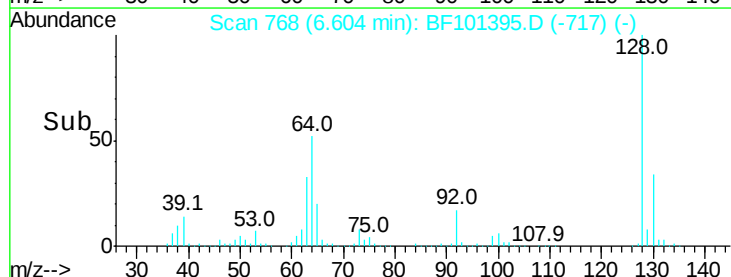
128 100

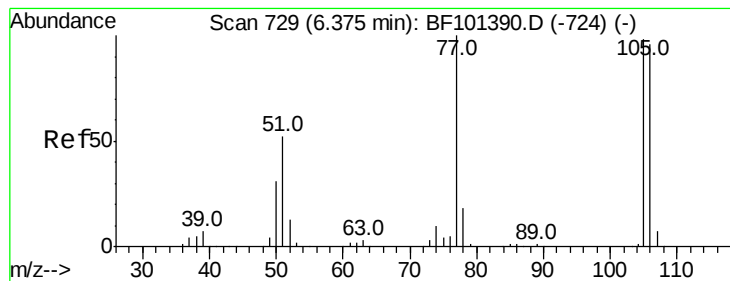
130 33.9 13.0 53.0

64 51.8 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: 39.276 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampled :

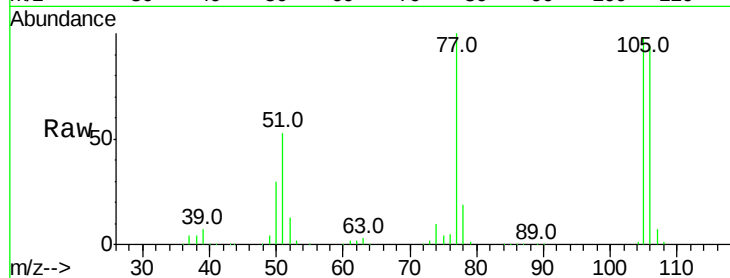
Tot Ion: 77 Resp: 395465

Ion Ratio Lower Upper

77 100

105 98.0 81.1 121.1

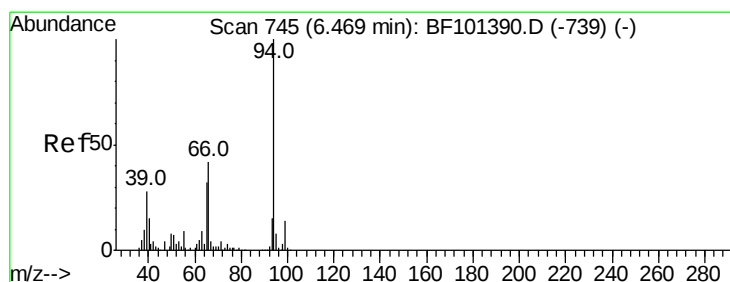
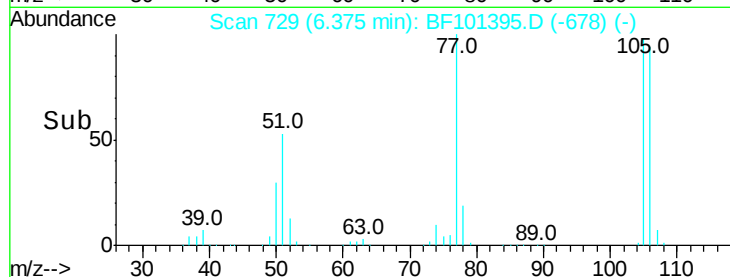
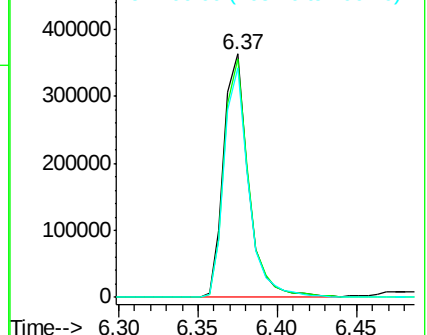
106 94.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.166 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

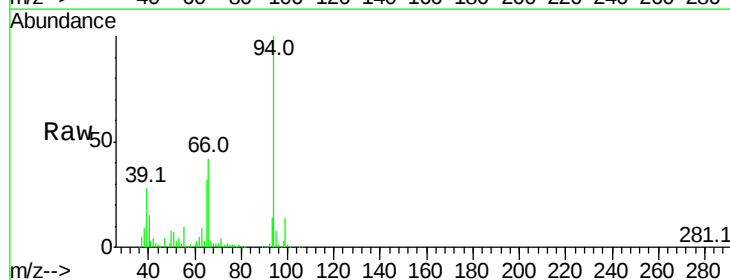
Tgt Ion: 94 Resp: 608611

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

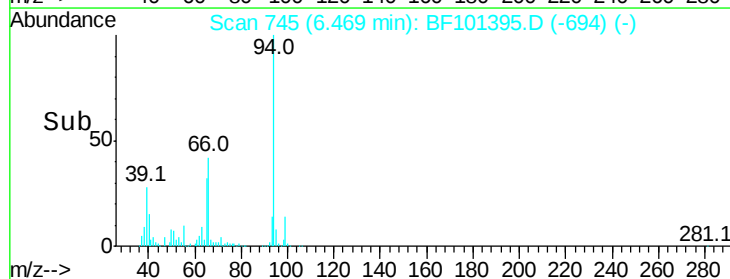
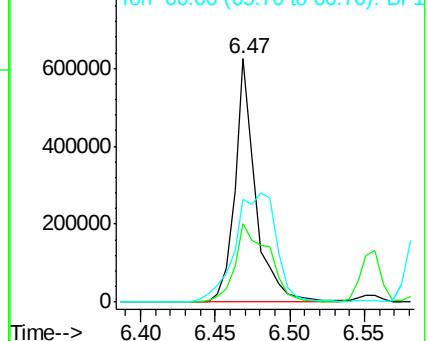
66 42.2 16.2 56.2



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

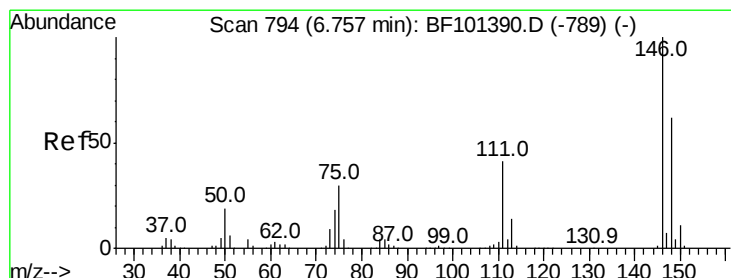
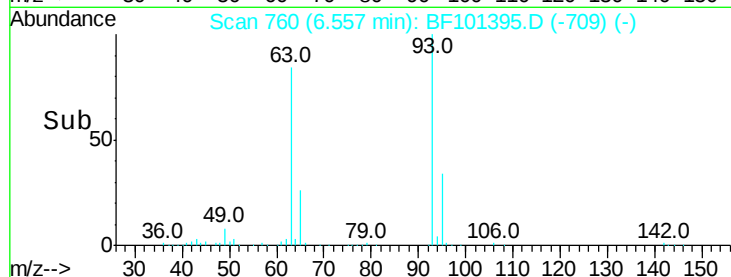
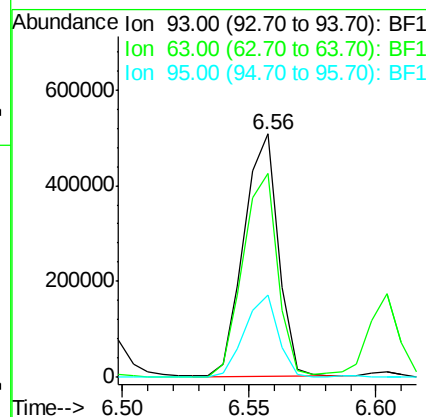
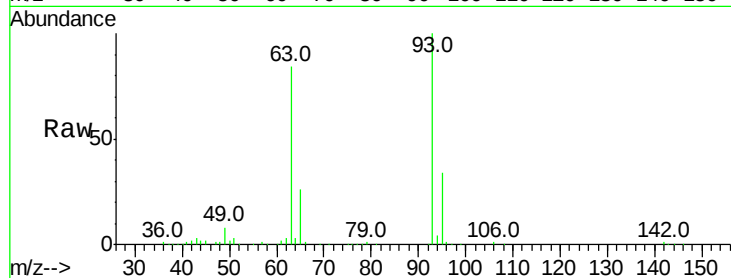




#11
bis(2-Chloroethyl)ether
Concen: 39.140 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

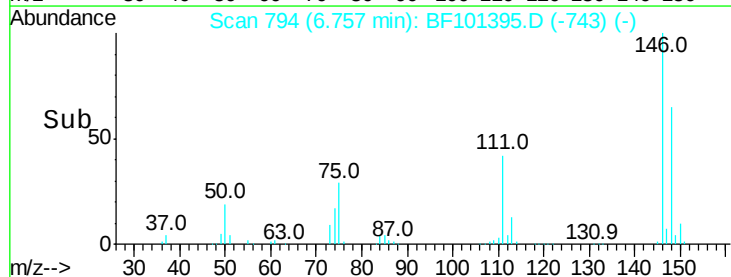
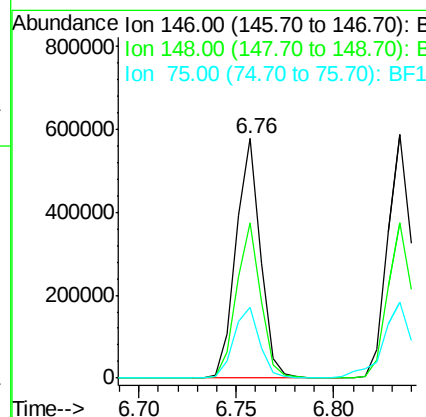
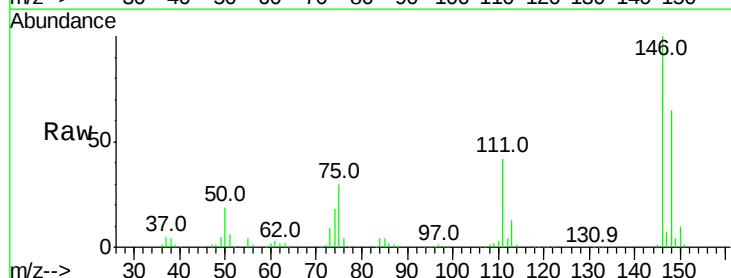
Instrument :
BNA_F
ClientSampleId :

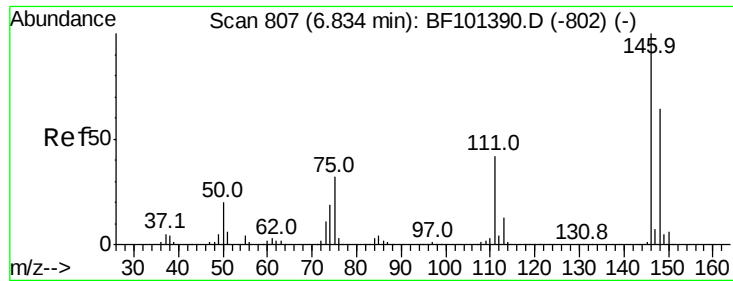
Tot Ion: 93 Resp: 477082
Ion Ratio Lower Upper
93 100
63 83.6 58.6 98.6
95 33.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.667 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion: 146 Resp: 502903
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 29.7 24.2 36.4

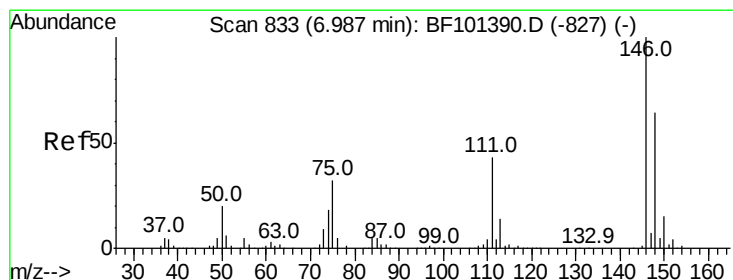
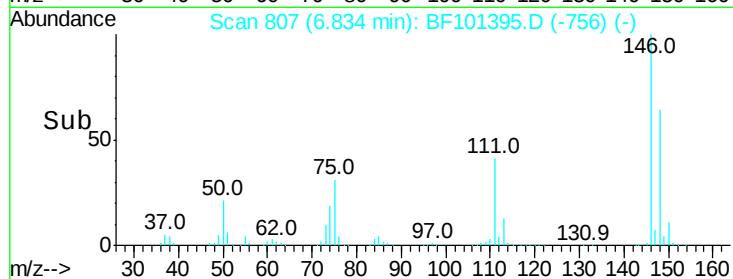
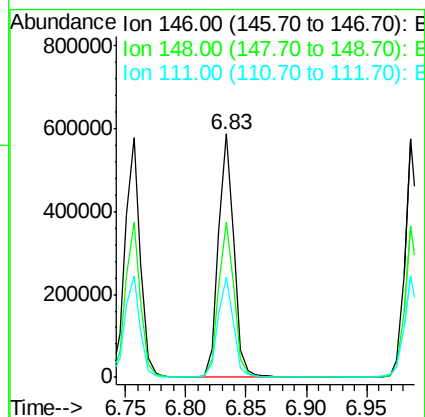
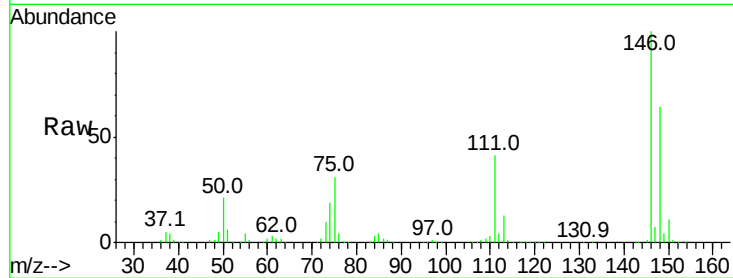




#13
 1,4-Dichlorobenzene
 Concen: 38.307 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

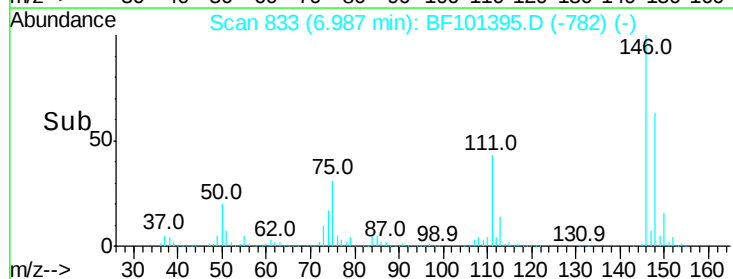
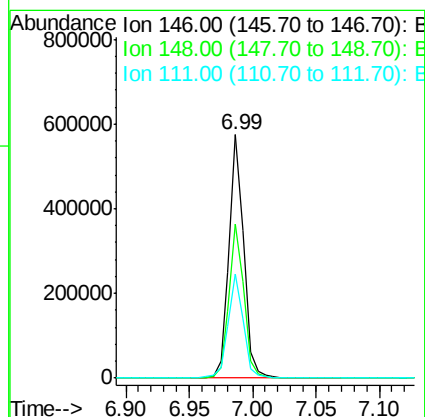
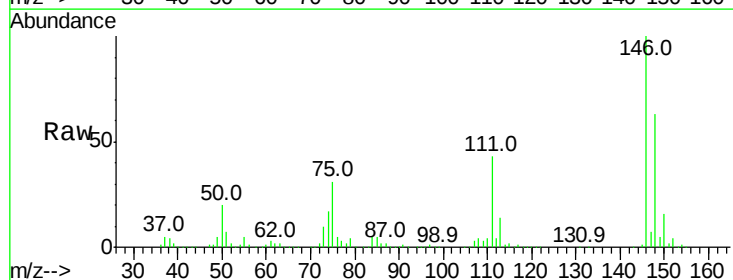
Instrument :
 BNA_F
 ClientSampleId :

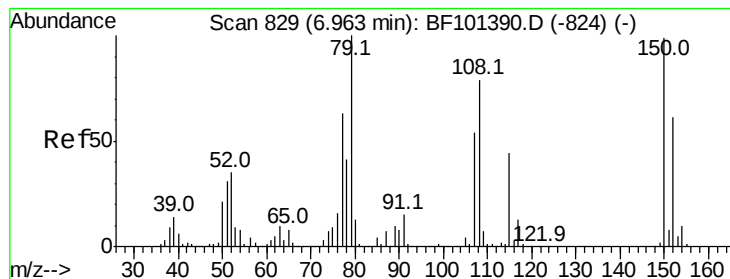
Tot Ion:146 Resp: 508771
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 41.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.706 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:146 Resp: 462727
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 42.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.844 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

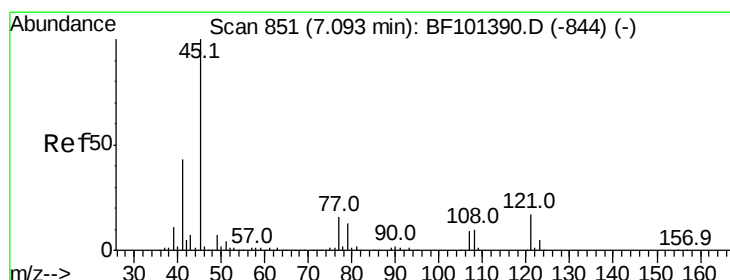
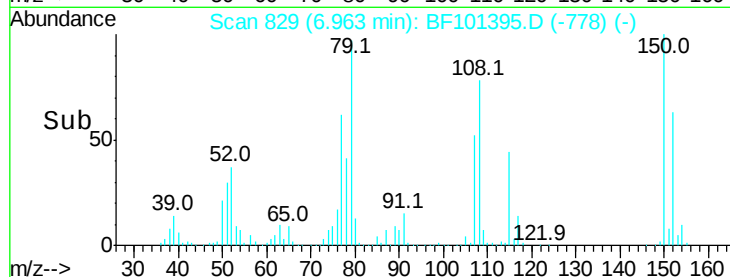
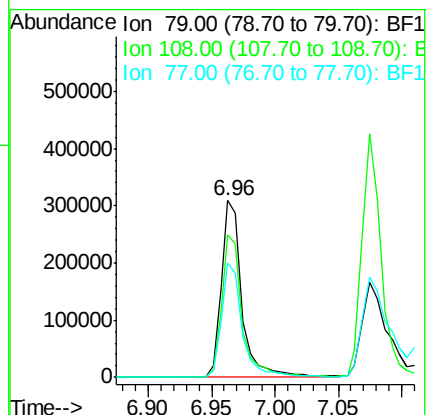
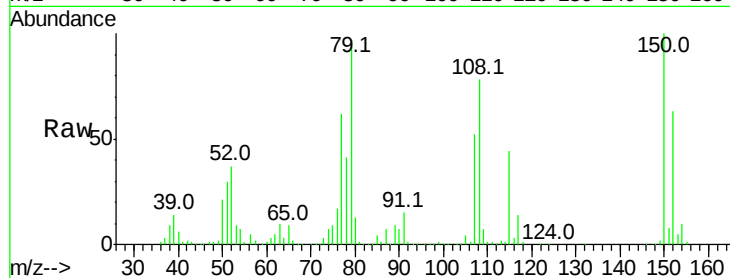
Tot Ion: 79 Resp: 355136

Ion Ratio Lower Upper

79 100

108 80.7 65.1 97.7

77 64.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.872 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

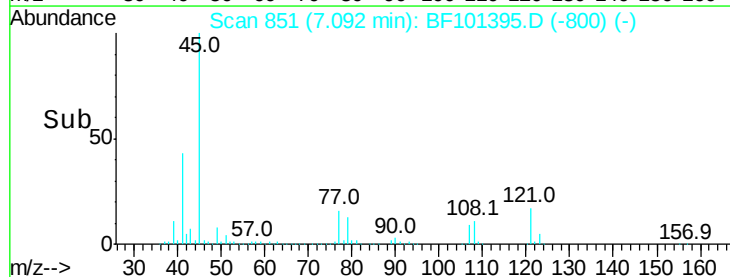
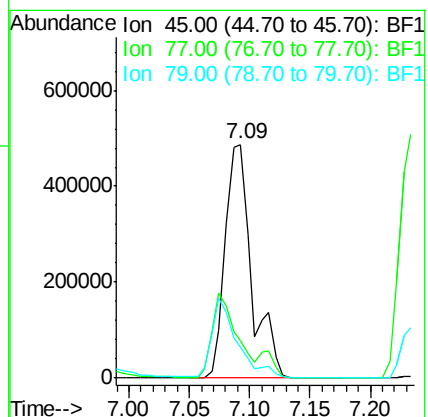
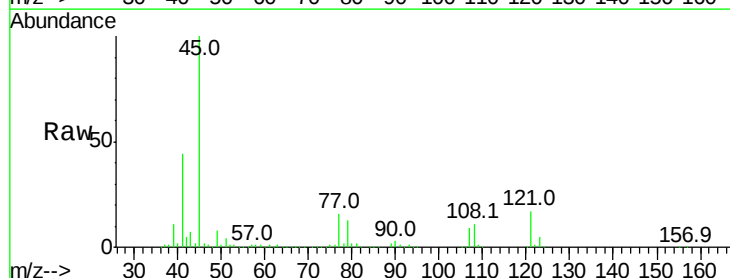
Tgt Ion: 45 Resp: 743800

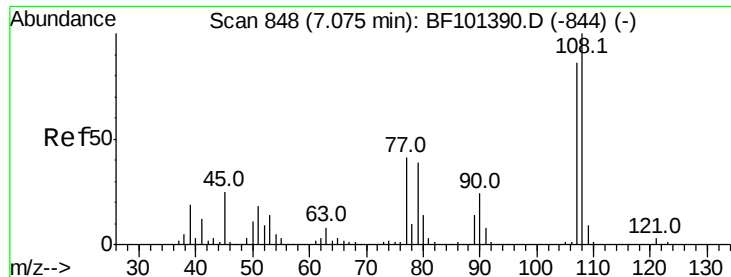
Ion Ratio Lower Upper

45 100

77 16.3 0.0 32.9

79 13.3 0.0 29.6

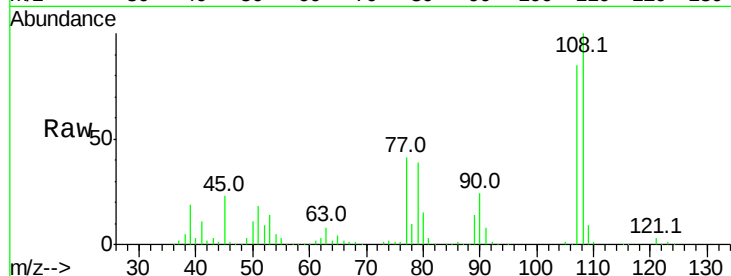




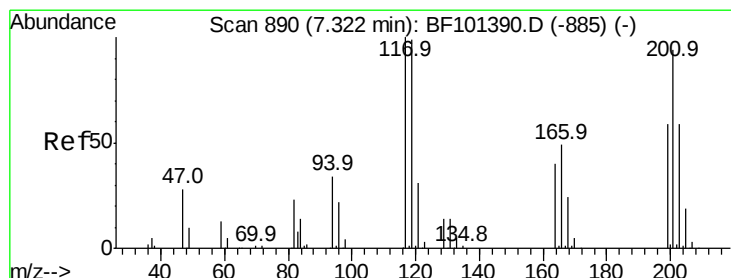
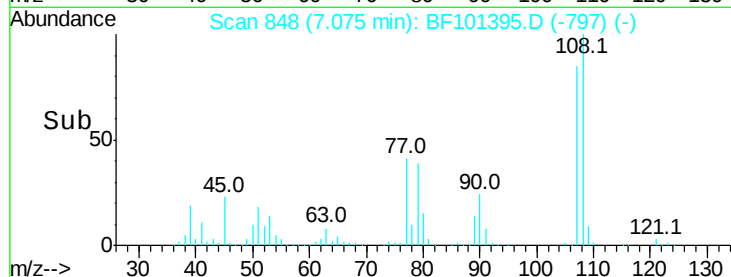
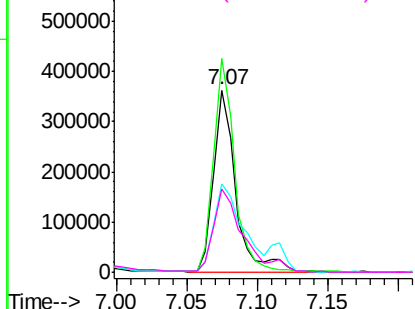
#17
2-Methylphenol
Concen: 37.457 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 397049
Ion Ratio Lower Upper
107 100
108 117.5 91.7 137.5
77 48.6 33.8 50.8
79 45.9 33.8 50.8

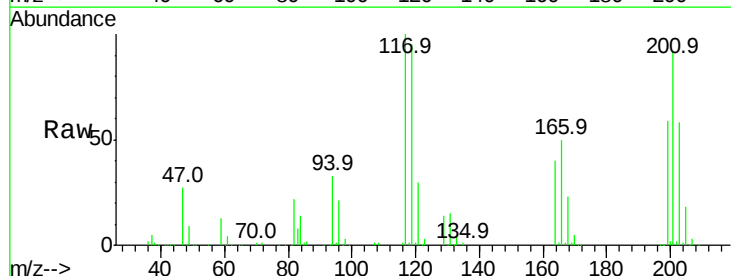


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

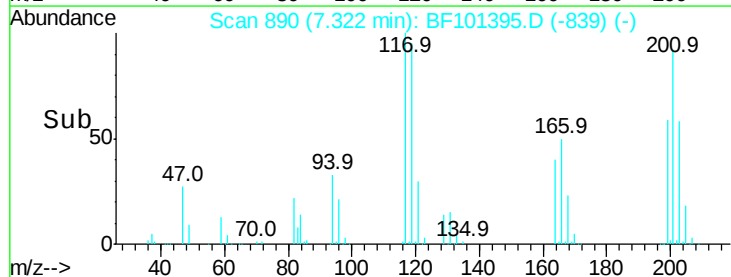
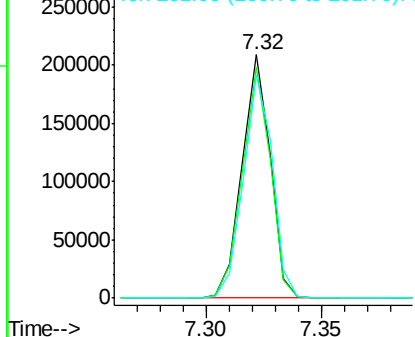


#18
Hexachloroethane
Concen: 38.688 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion:117 Resp: 178646
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 91.7 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: 36.451 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

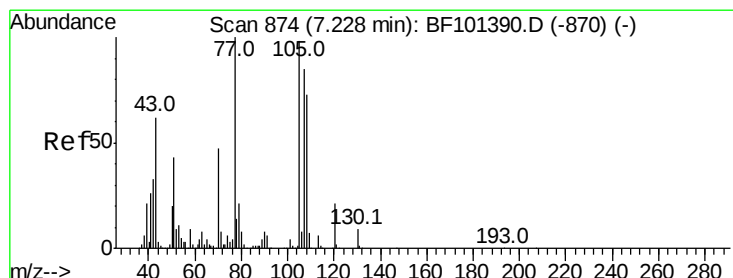
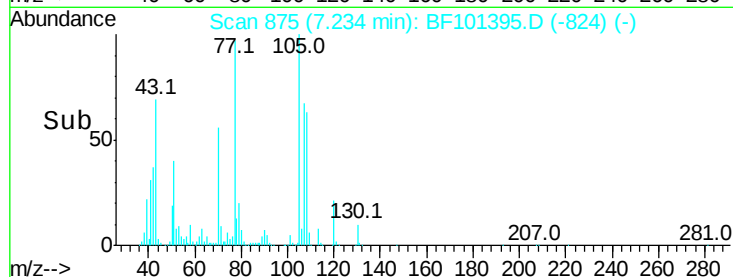
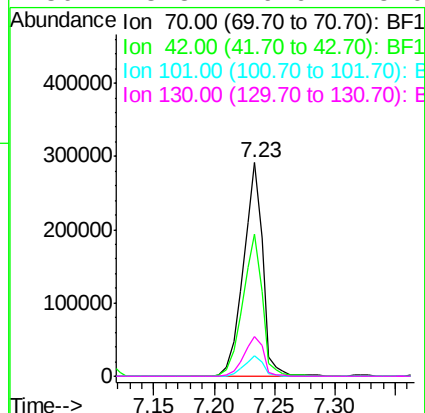
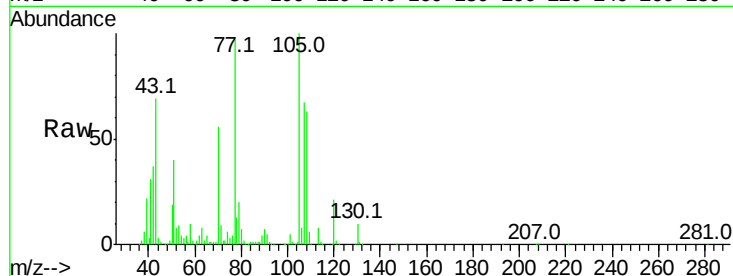
Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 326370

Ion	Ratio	Lower	Upper
70	100		
42	66.4	47.5	71.3
101	9.4	7.4	11.2
130	18.8	16.6	25.0



#20

3+4-Methylphenols

Concen: 39.135 ng

RT: 7.23 min Scan# 875

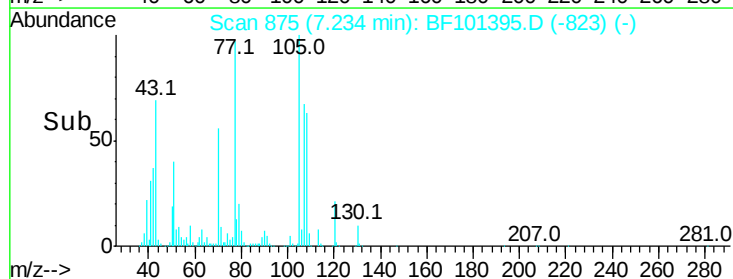
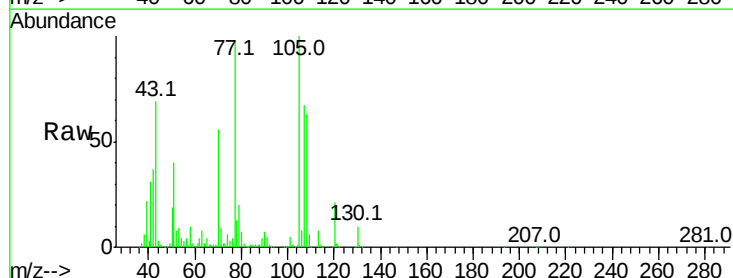
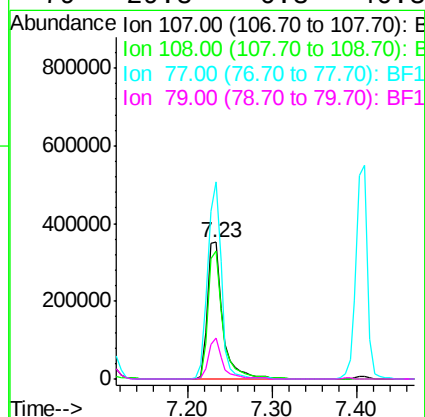
Delta R.T. 0.01 min

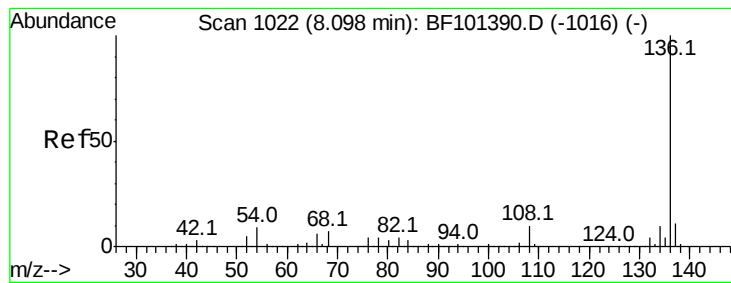
Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Tgt Ion: 107 Resp: 439594

Ion	Ratio	Lower	Upper
107	100		
108	94.3	68.2	108.2
77	144.7	26.7	66.7#
79	29.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 667241

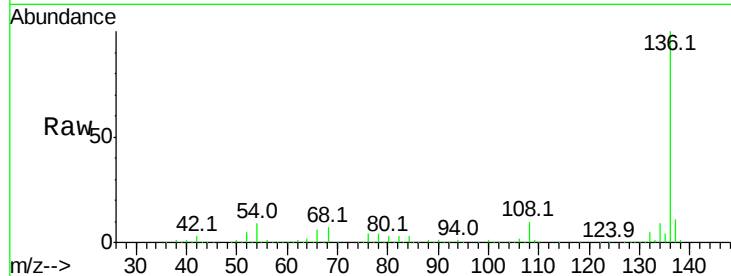
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.8 5.0 7.4

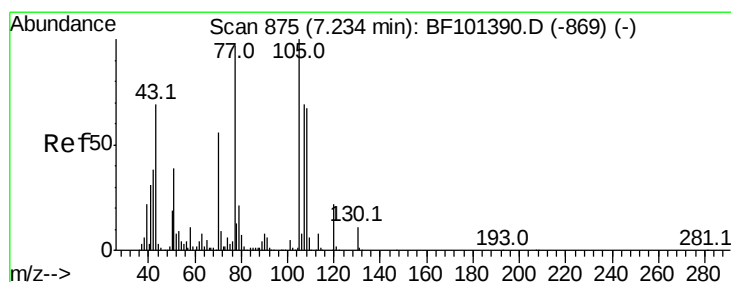
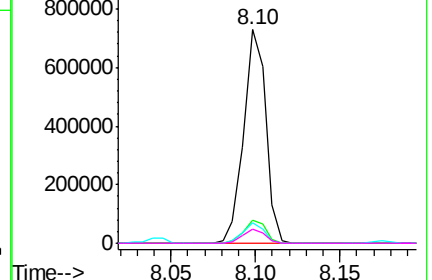
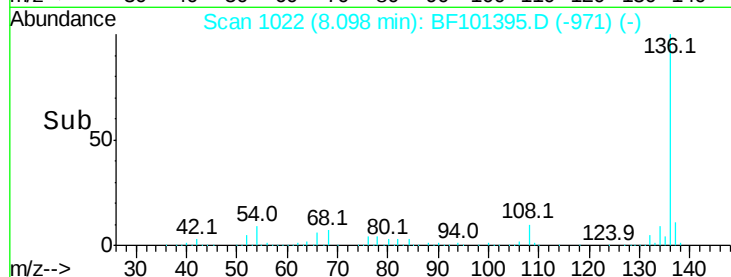


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.934 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Tgt Ion:105 Resp: 577544

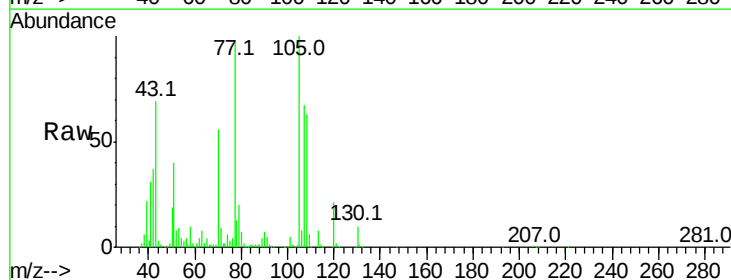
Ion Ratio Lower Upper

105 100

71 9.2 4.4 6.6#

51 39.8 22.3 33.5#

120 21.5 16.9 25.3

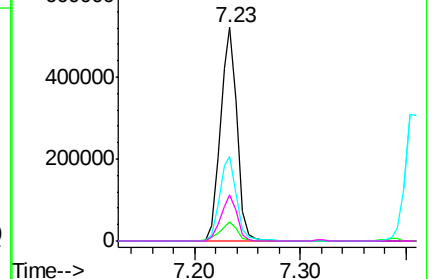
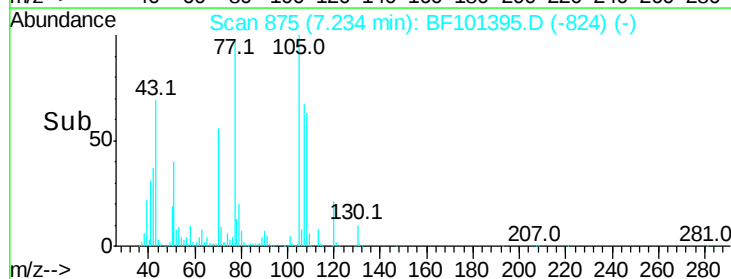


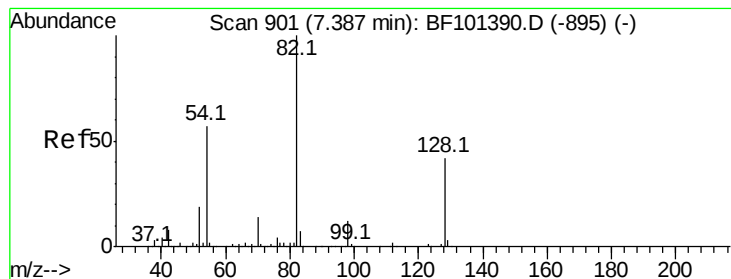
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.001 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

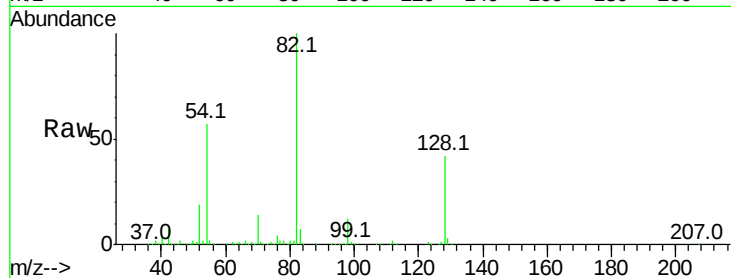
Tot Ion: 82 Resp: 946946

Ion Ratio Lower Upper

82 100

128 41.8 36.1 54.1

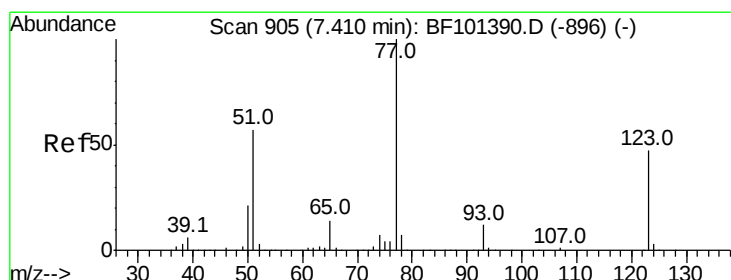
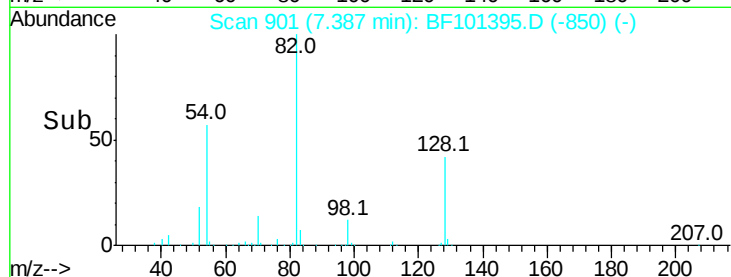
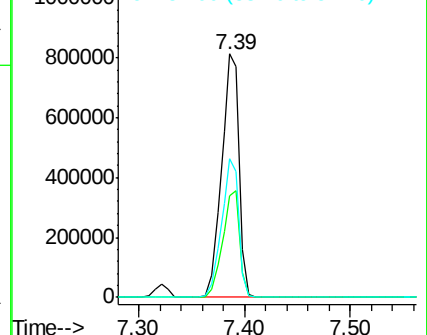
54 57.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.065 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

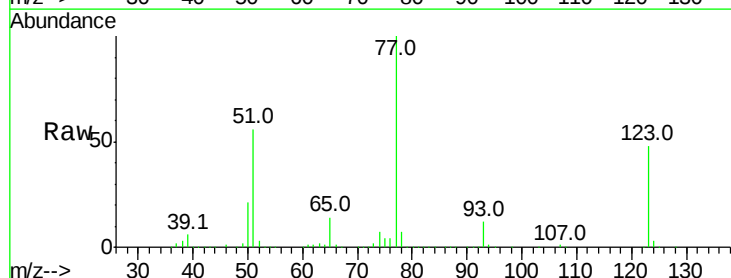
Tgt Ion: 77 Resp: 518241

Ion Ratio Lower Upper

77 100

123 48.0 37.9 56.9

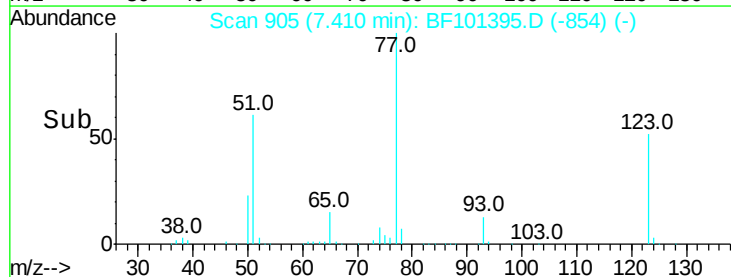
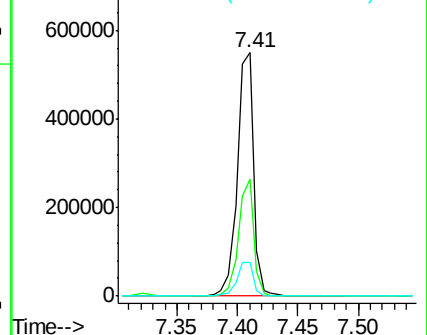
65 13.9 11.0 16.4

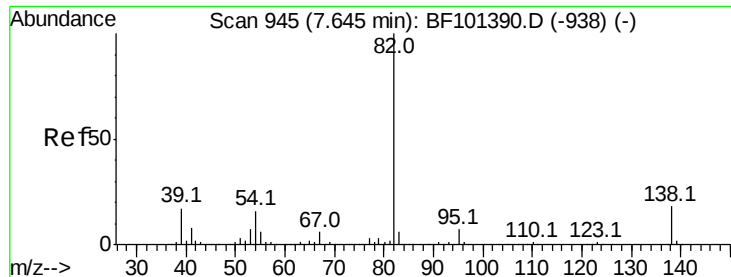


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.173 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

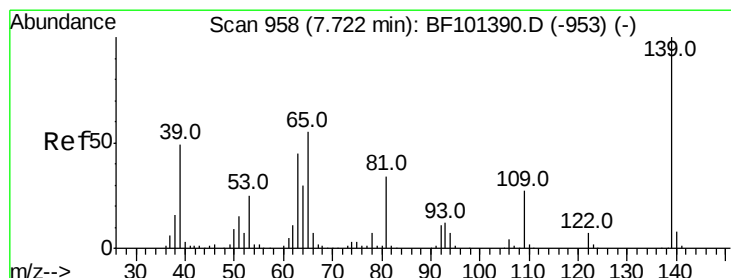
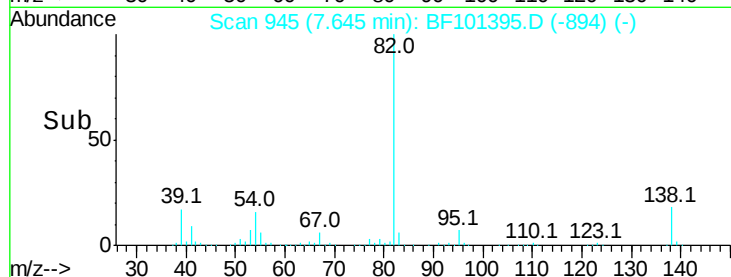
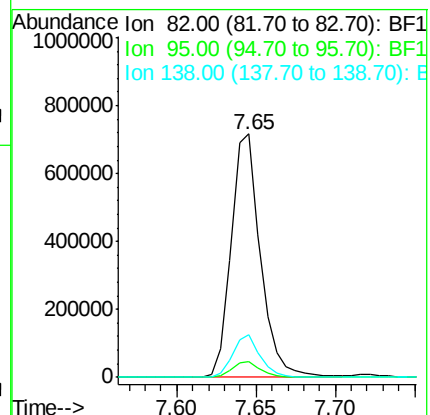
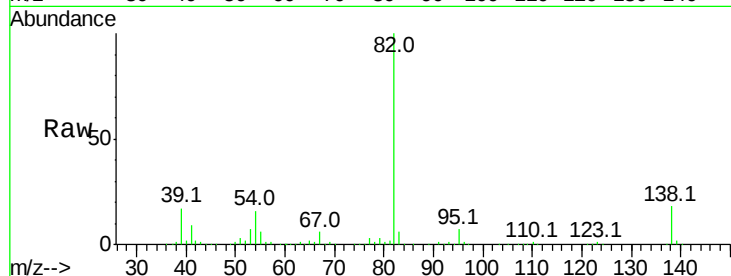
Tot Ion: 82 Resp: 917892

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 41.351 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

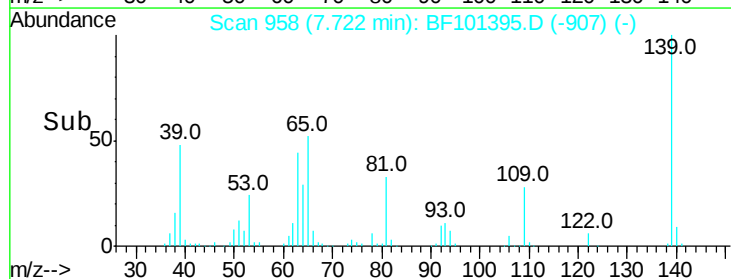
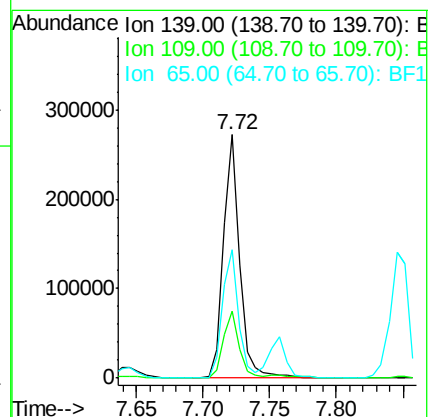
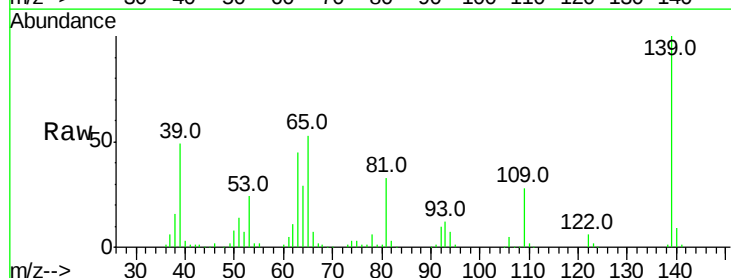
Tgt Ion: 139 Resp: 235676

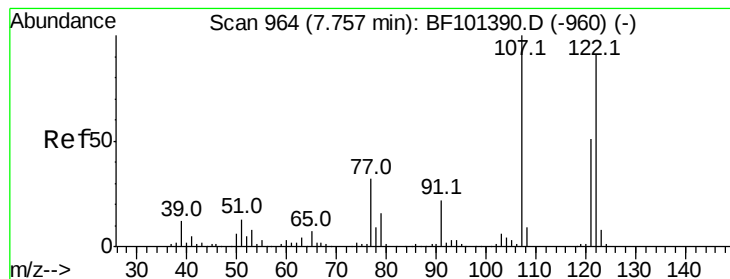
Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

65 53.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.392 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

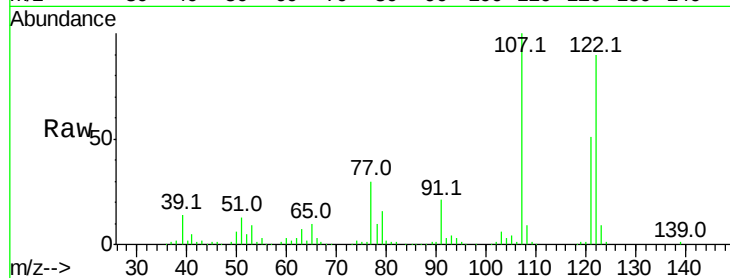
Tot Ion:122 Resp: 371730

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

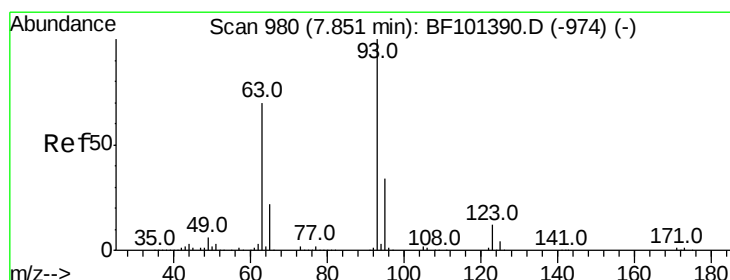
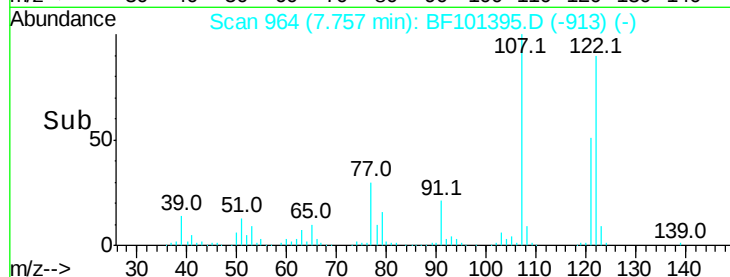
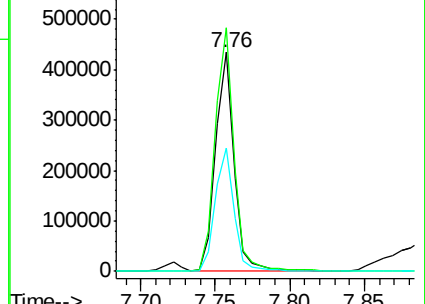
121 56.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.583 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

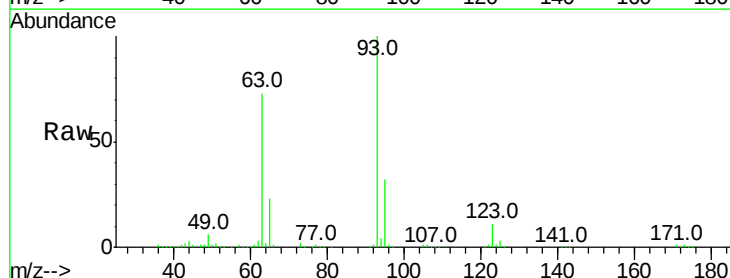
Tgt Ion: 93 Resp: 589336

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

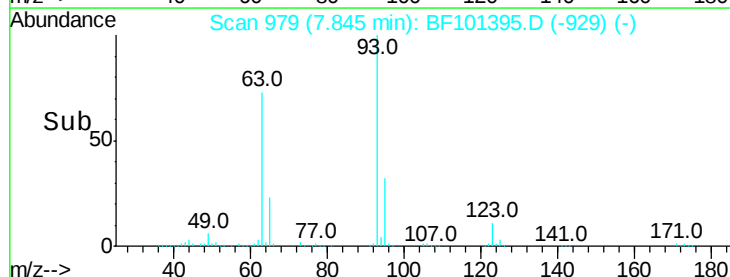
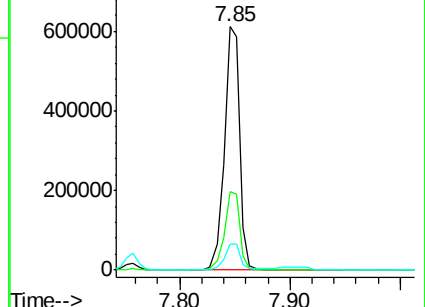
123 10.7 9.8 14.6

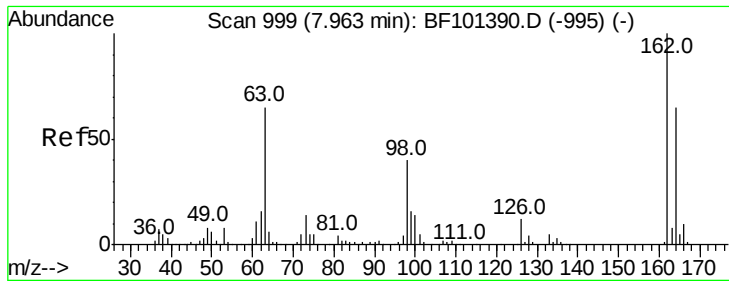


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

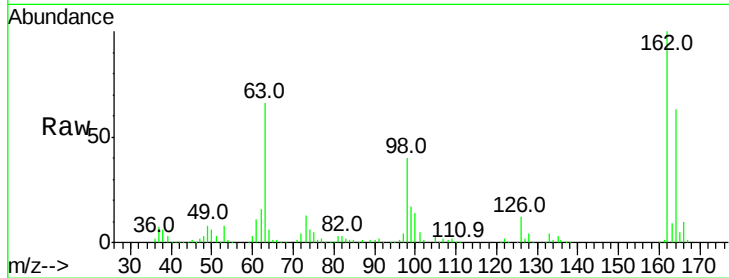




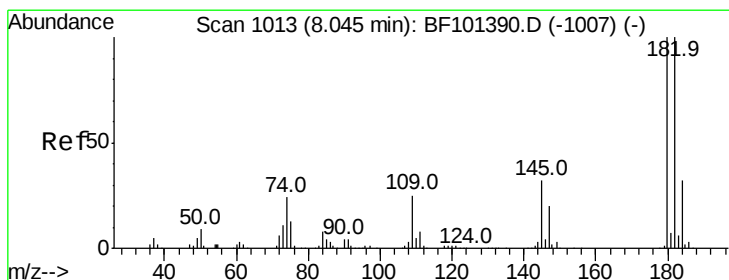
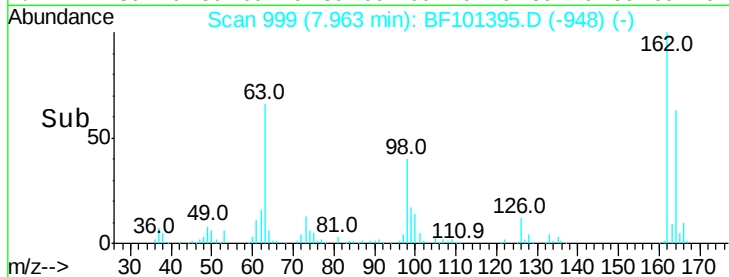
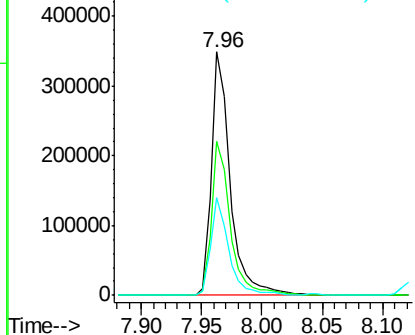
#29
 2,4-Dichlorophenol
 Concen: 38.991 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	40.2	18.1	58.1

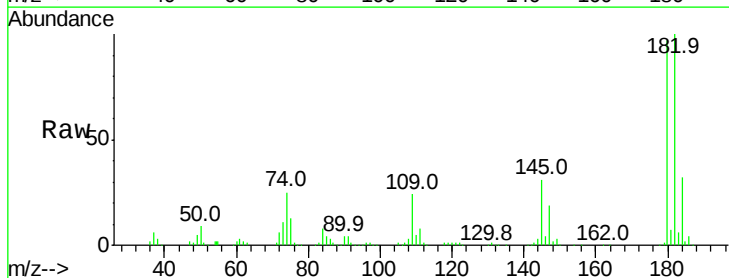


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

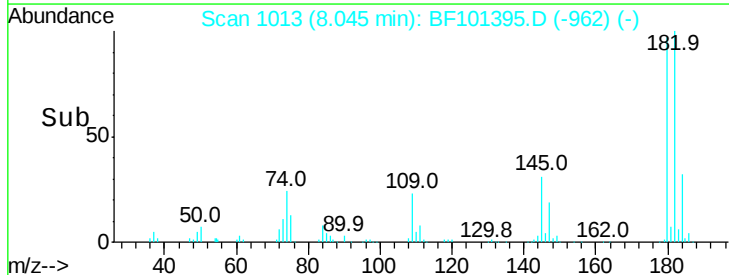
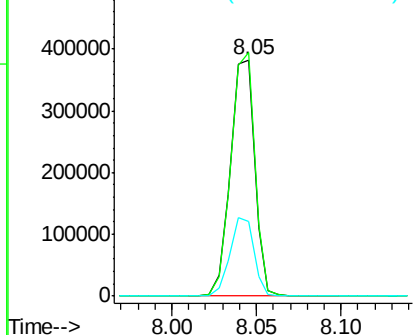


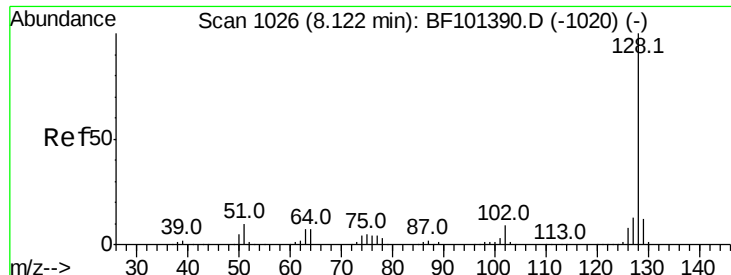
#30
 1,2,4-Trichlorobenzene
 Concen: 37.981 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.9	76.8	115.2
145	31.7	26.5	39.7



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

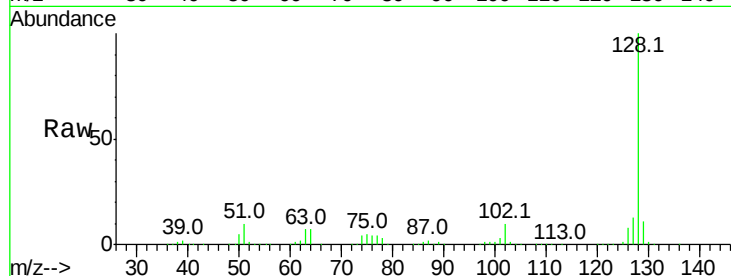




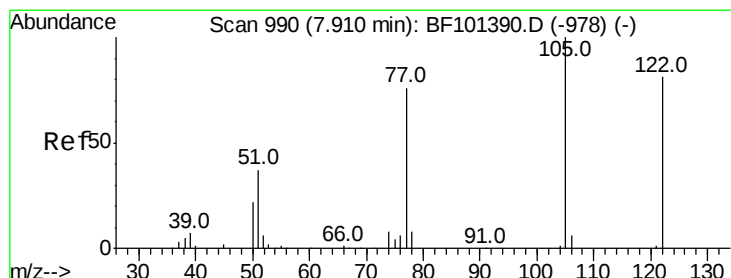
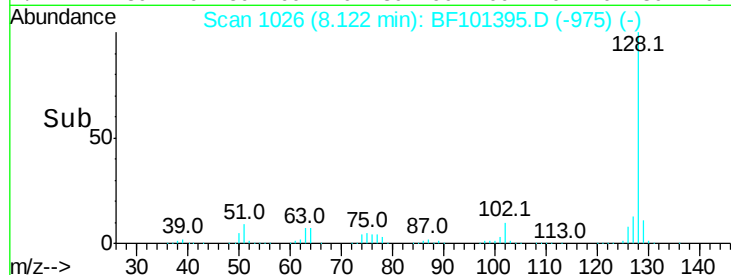
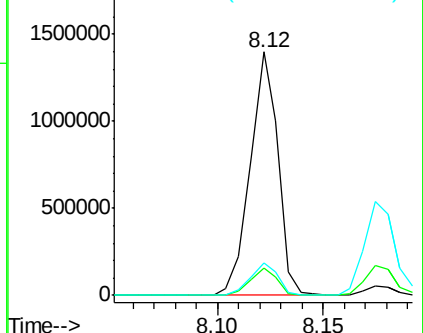
#31
Naphthalene
Concen: 37.975 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1275632
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3

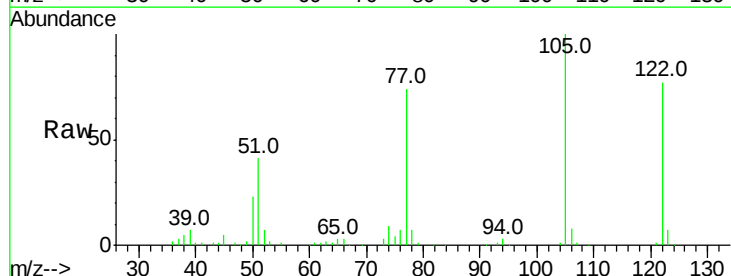


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

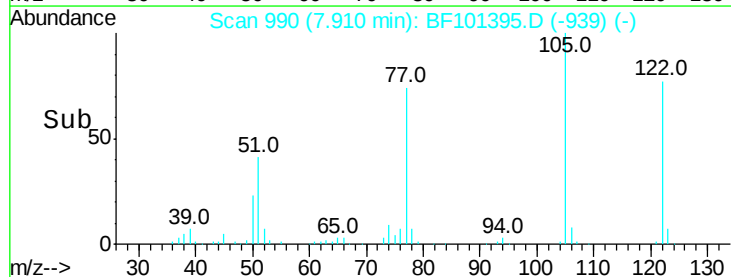
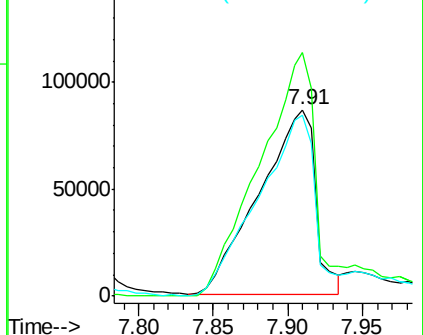


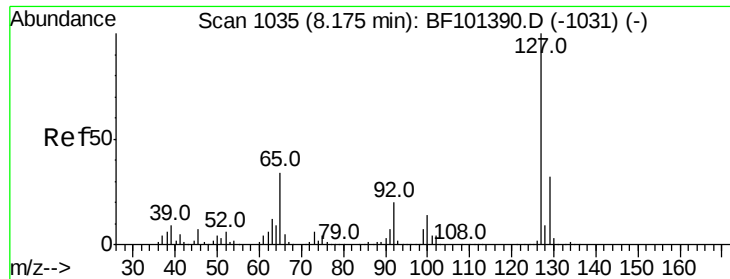
#32
Benzoic acid
Concen: 36.914 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion:122 Resp: 226447
Ion Ratio Lower Upper
122 100
105 130.6 101.1 141.1
77 97.0 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

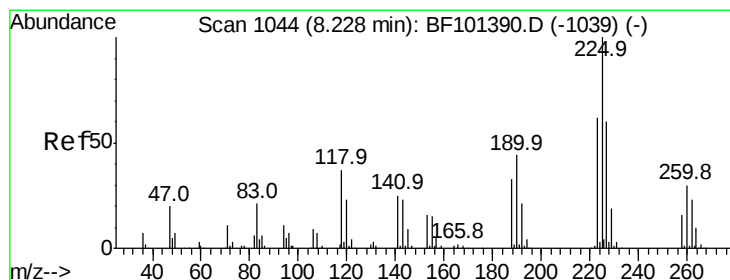
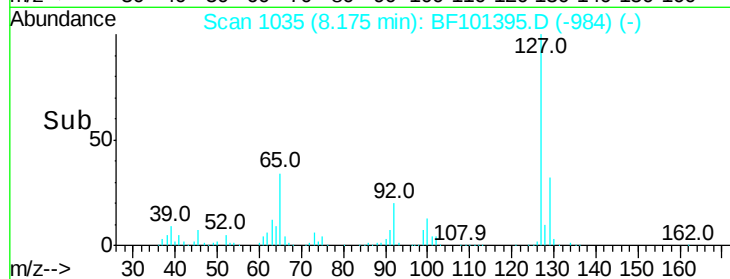
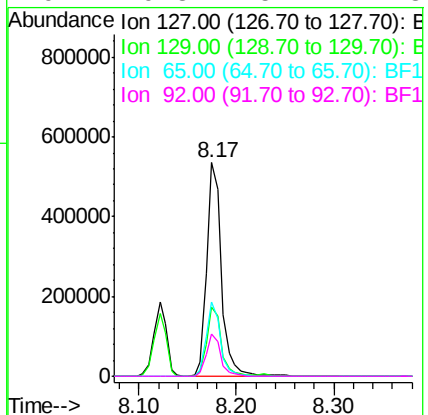
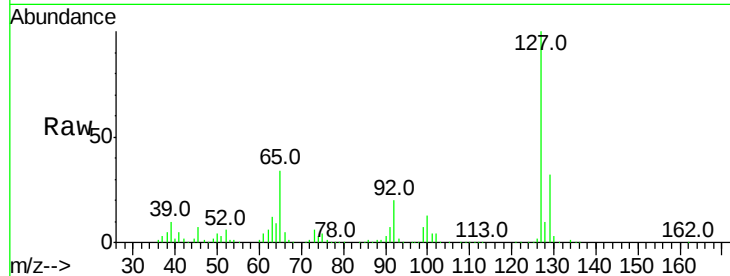




#33
 4-Chloroaniline
 Concen: 38.213 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

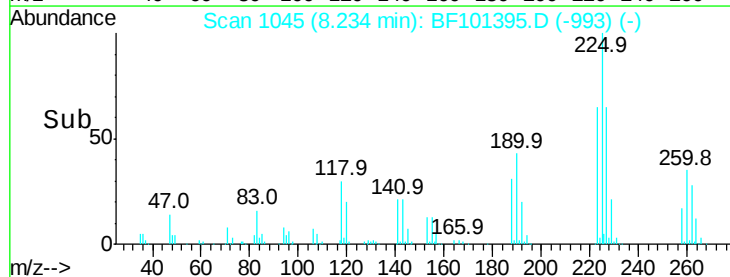
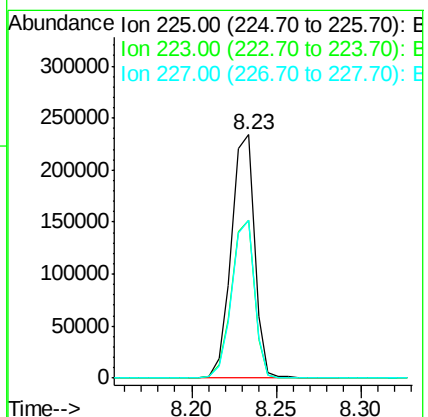
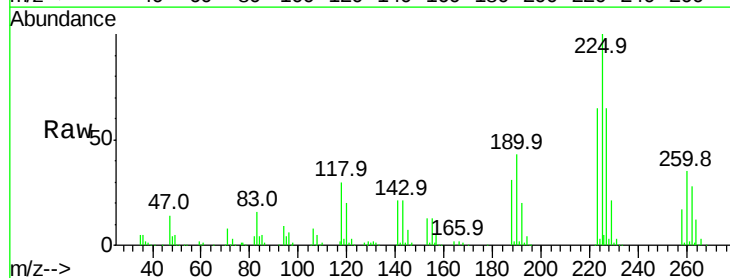
Instrument :
 BNA_F
 ClientSampleId :

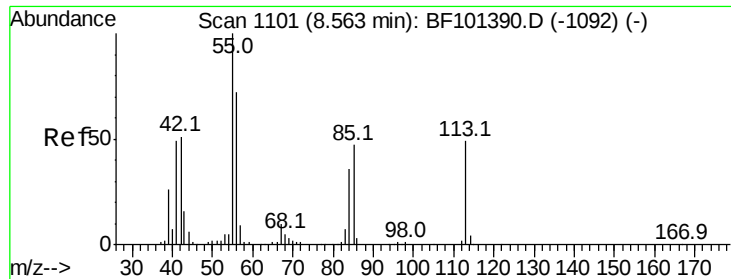
Tot Ion:	127	Resp:	557904
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	34.5	25.0	37.4
92	19.8	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 38.218 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:	225	Resp:	223135
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	65.0	51.9	77.9

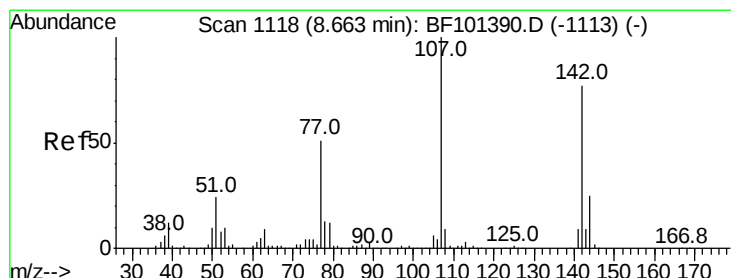
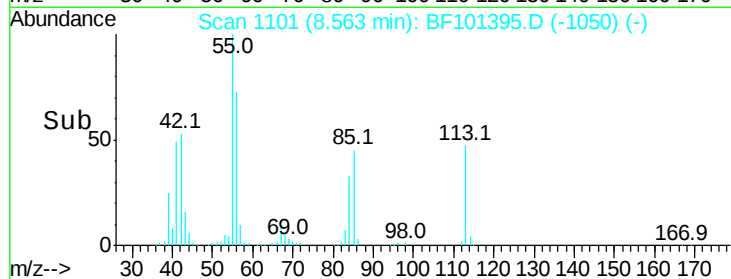
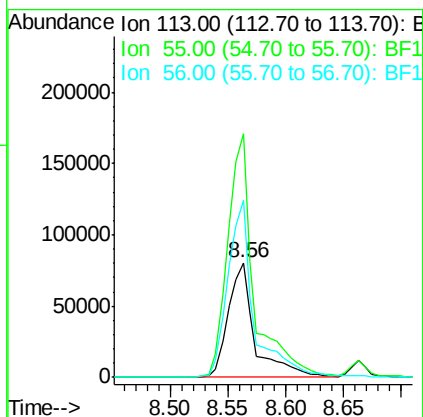
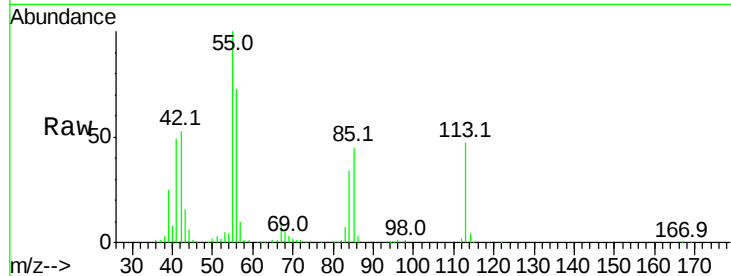




#35
 Caprolactam
 Concen: 38.442 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

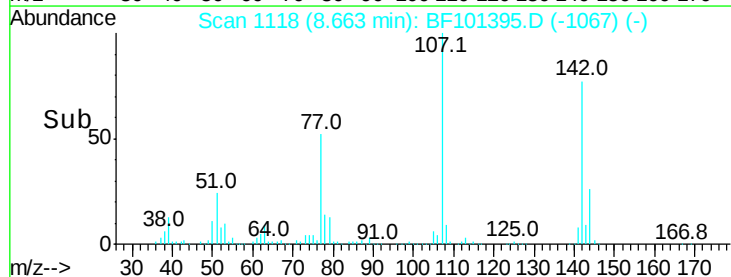
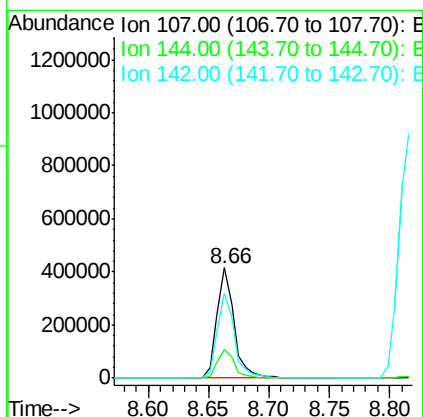
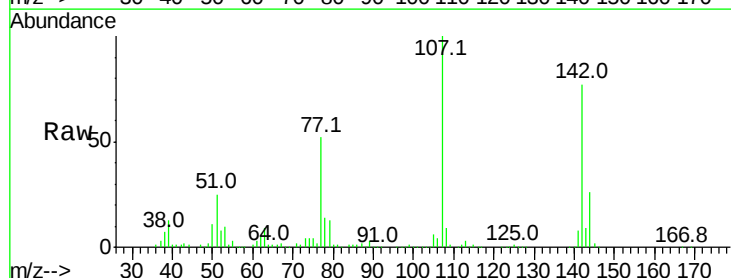
Instrument :
 BNA_F
 ClientSampled :

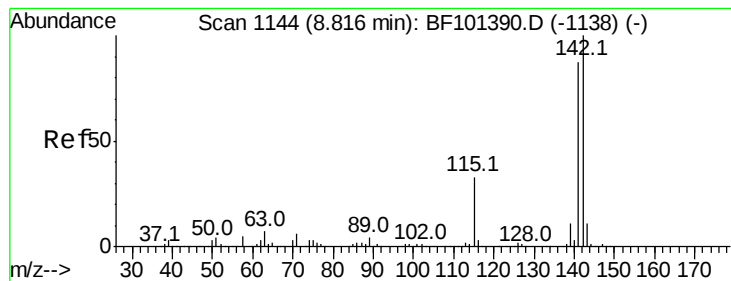
Tot Ion:113 Resp: 127687
 Ion Ratio Lower Upper
 113 100
 55 212.6 163.3 203.3#
 56 154.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.505 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:107 Resp: 404834
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 77.0 62.0 93.0

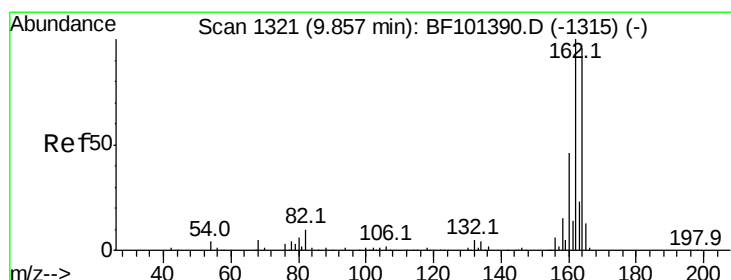
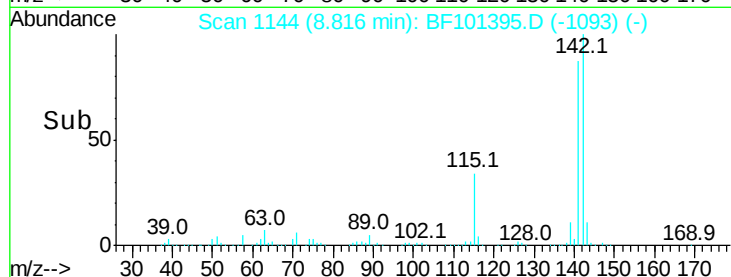
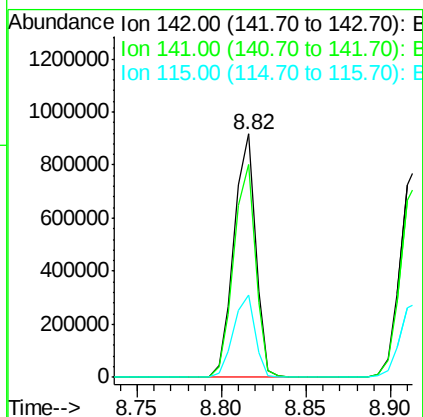
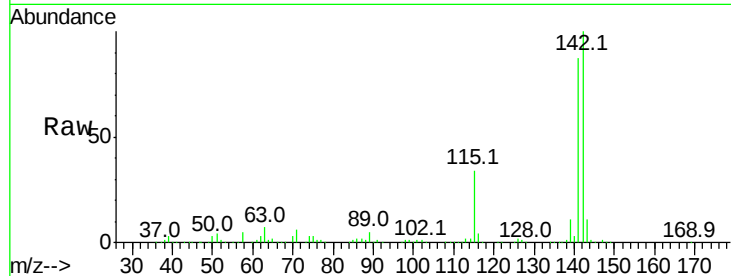




#37
2-Methylnaphthalene
Concen: 37.509 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

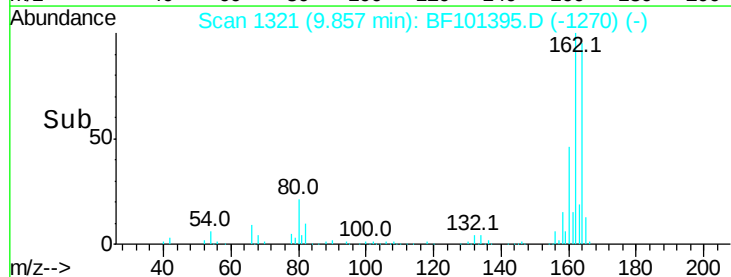
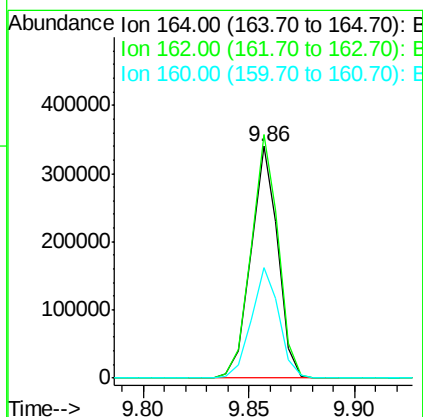
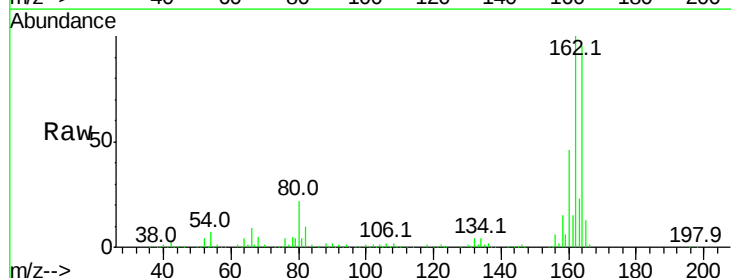
Instrument :
BNA_F
ClientSampled :

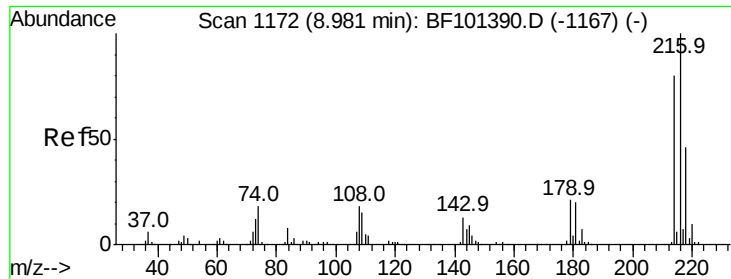
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	33.7	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	48.0	38.3	57.5

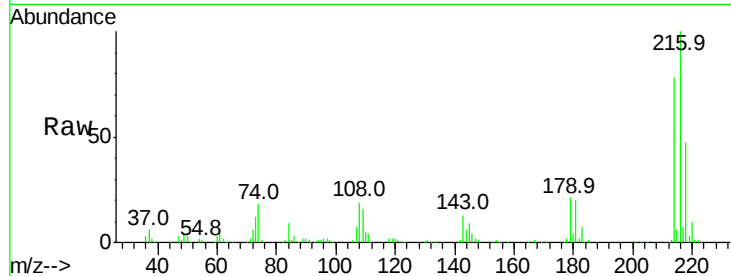




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.441 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	399567
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	20.1	18.1	27.1
108	18.4	17.2	25.8

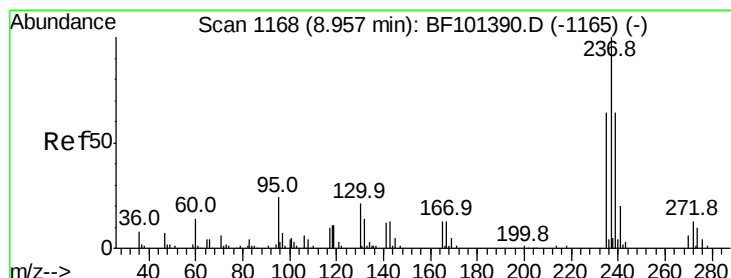
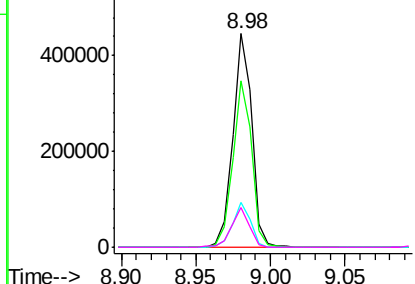
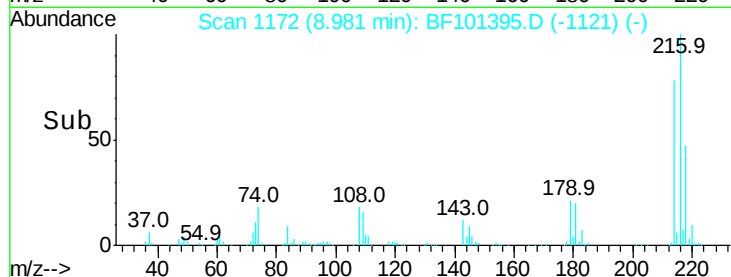


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

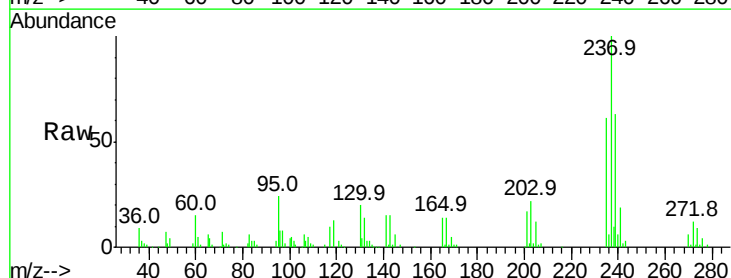
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 41.207 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

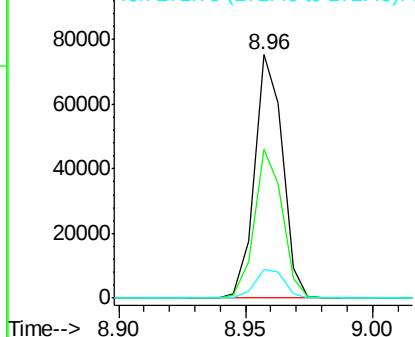
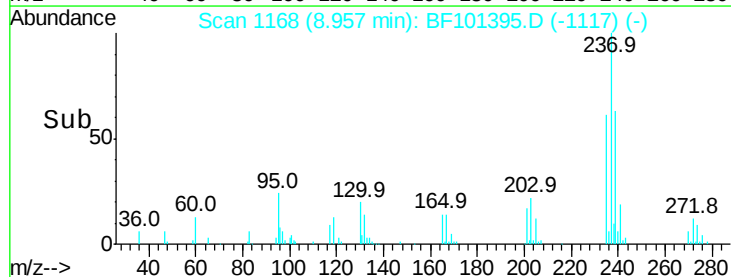
Tgt Ion:	237	Resp:	58000
Ion	Ratio	Lower	Upper
237	100		
235	61.2	44.8	84.8
272	11.6	0.0	33.3

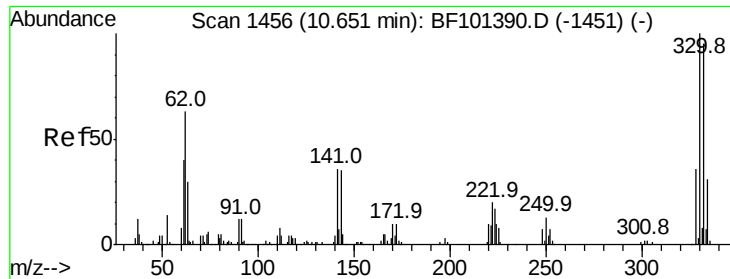


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

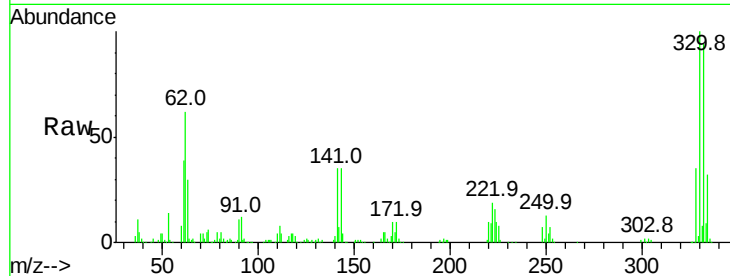




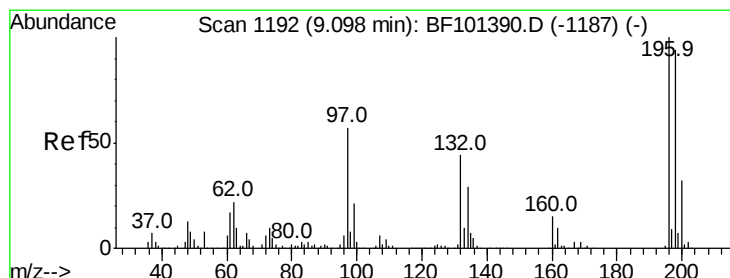
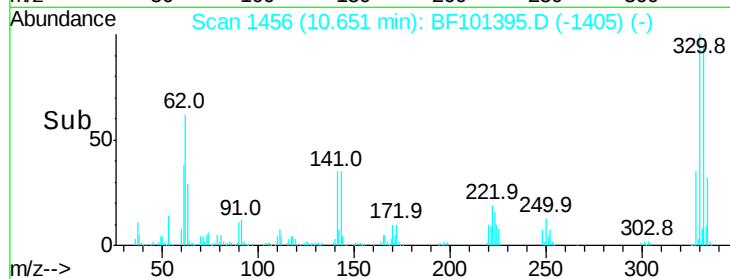
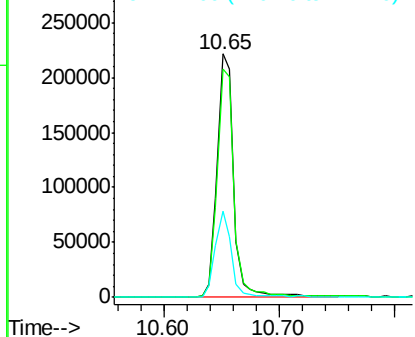
#41
 2,4,6-Tribromophenol
 Concen: 77.294 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.6	29.9	44.9

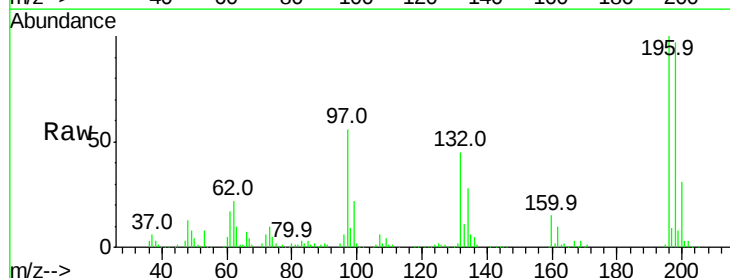


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

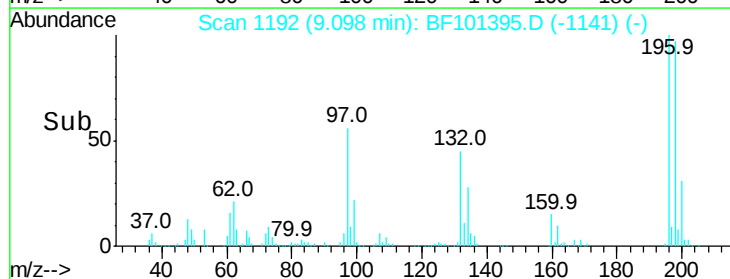
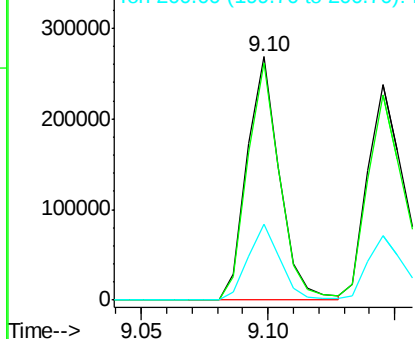


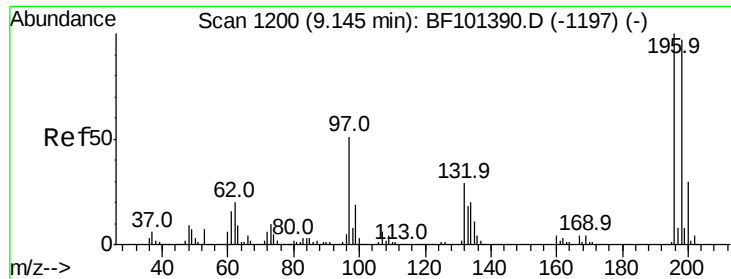
#42
 2,4,6-Trichlorophenol
 Concen: 39.616 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
200	31.1	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

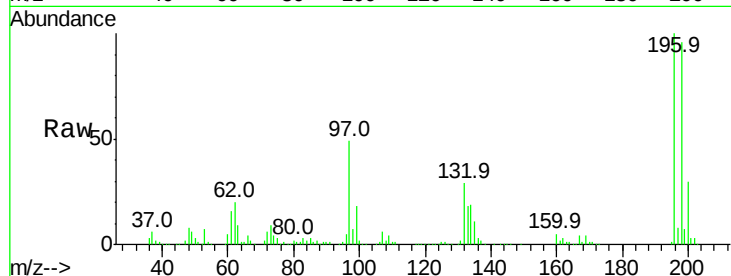




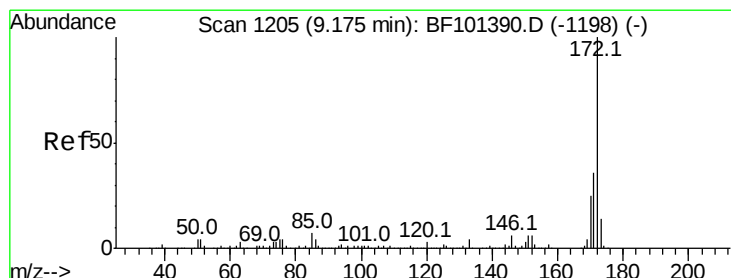
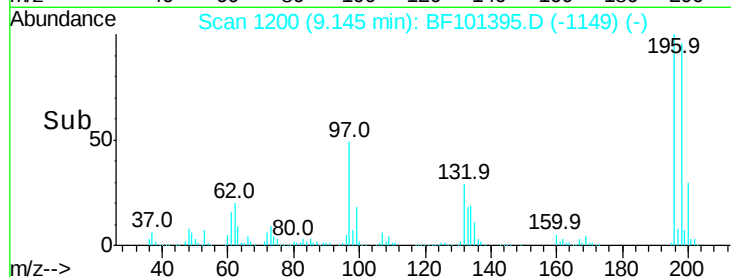
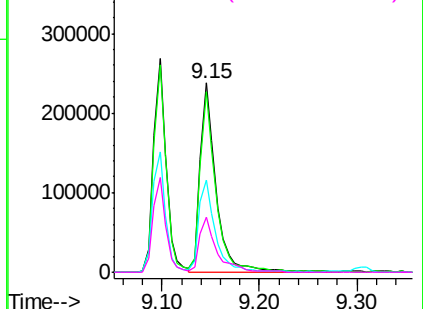
#43
 2,4,5-Trichlorophenol
 Concen: 40.061 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	267534
Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	49.0	42.9	64.3
132	29.1	26.3	39.5

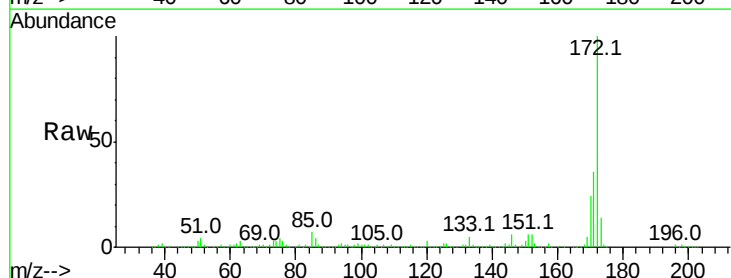


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

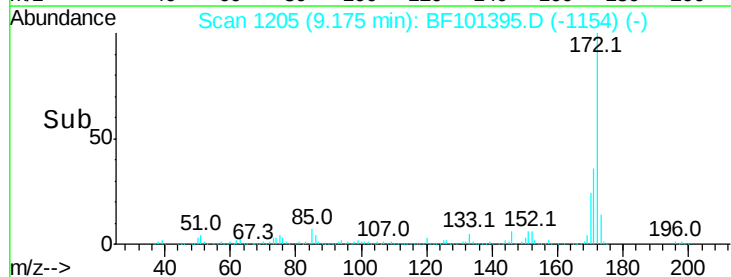
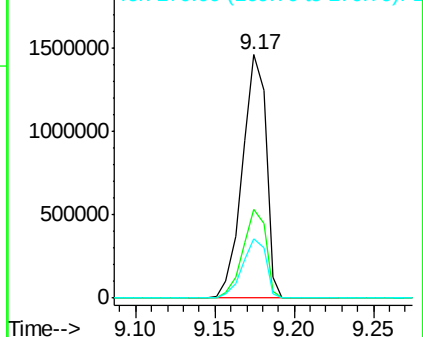


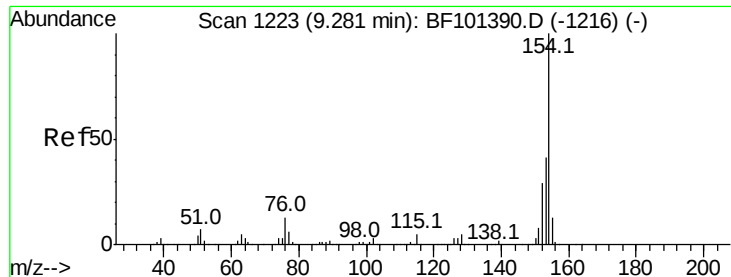
#44
 2-Fluorobiphenyl
 Concen: 77.962 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:	172	Resp:	1508044
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	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: 37.890 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampled :

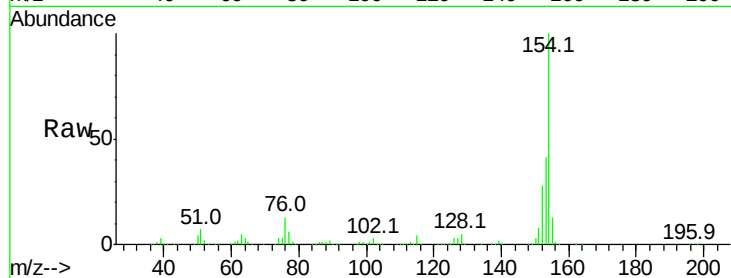
Tot Ion:154 Resp: 1008301

Ion Ratio Lower Upper

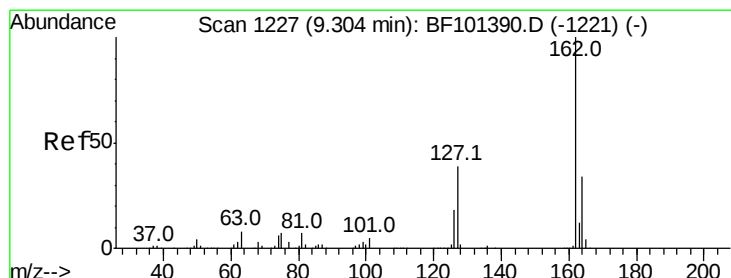
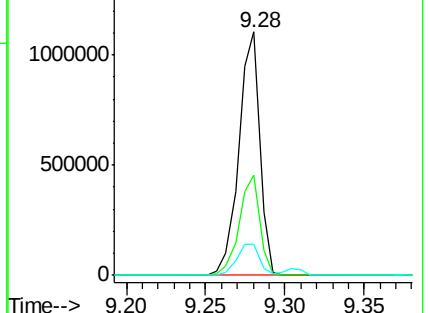
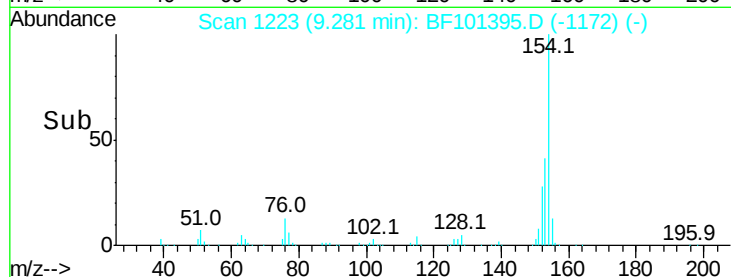
154 100

153 41.4 21.3 61.3

76 13.0 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: 38.029 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

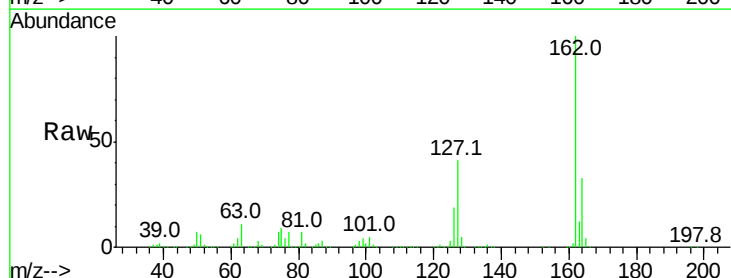
Tgt Ion:162 Resp: 774336

Ion Ratio Lower Upper

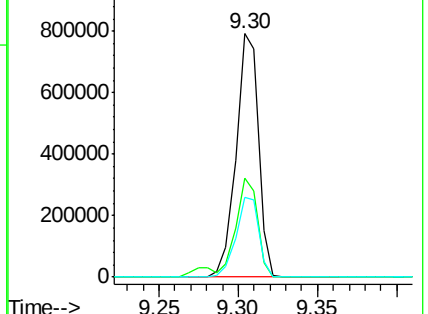
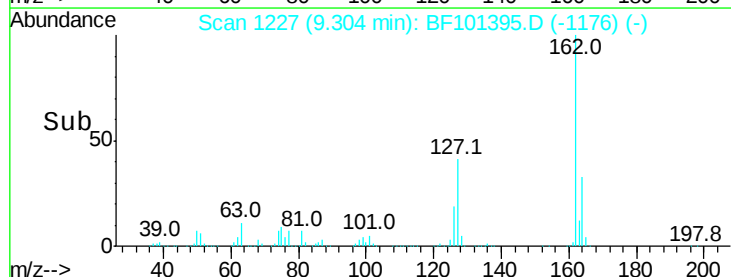
162 100

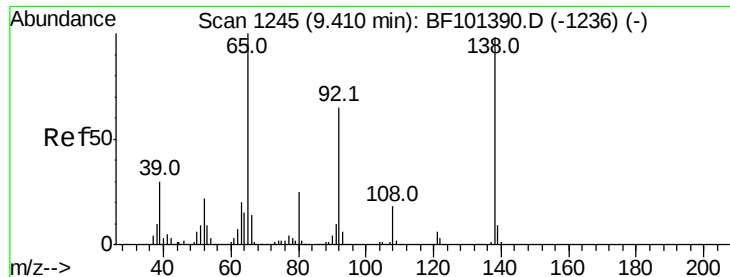
127 40.8 33.9 50.9

164 32.6 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: 40.647 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

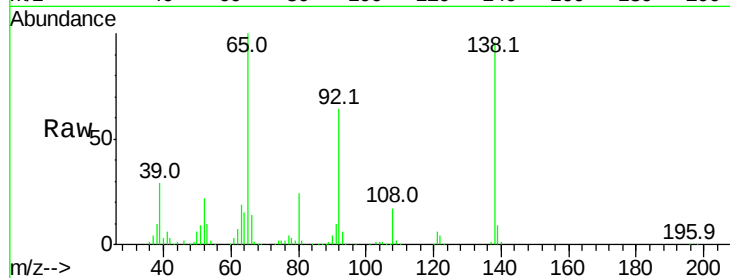
Tot Ion: 65 Resp: 285907

Ion Ratio Lower Upper

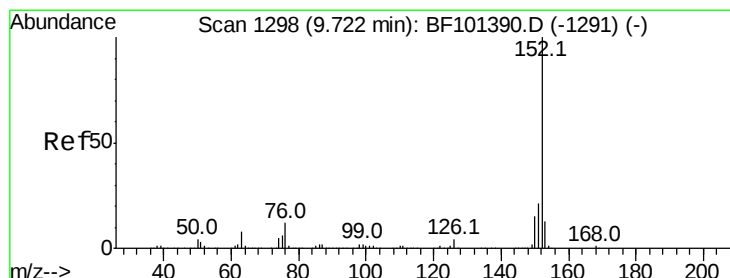
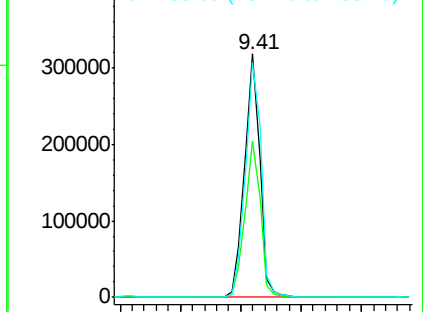
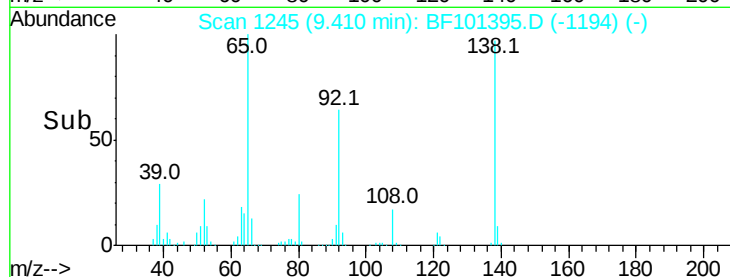
65 100

92 64.4 55.8 83.6

138 96.4 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: 37.773 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

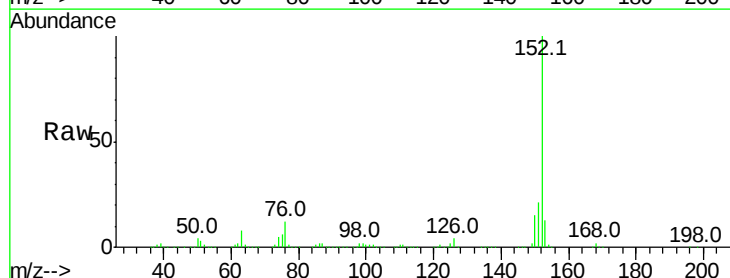
Tgt Ion: 152 Resp: 1214792

Ion Ratio Lower Upper

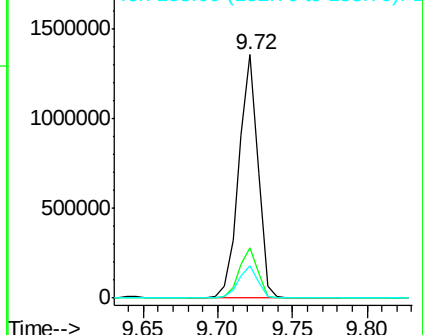
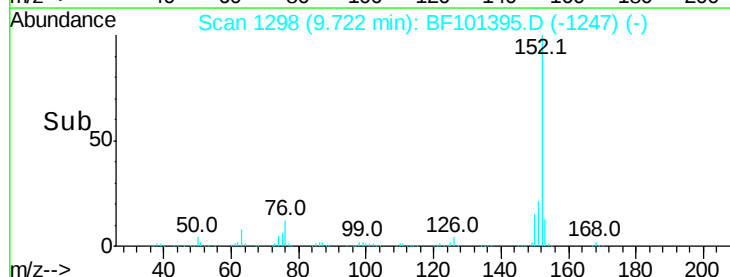
152 100

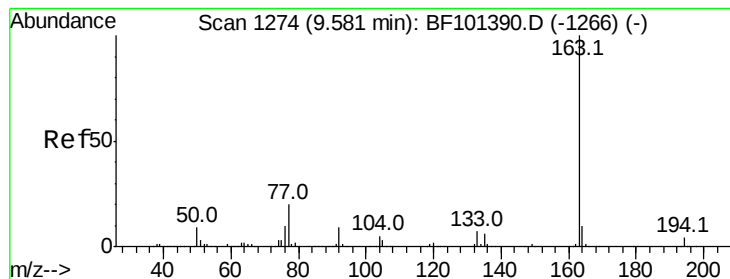
151 20.7 16.3 24.5

153 13.2 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: 37.559 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

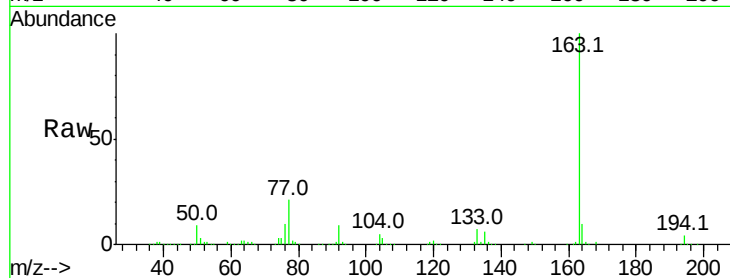
Tot Ion:163 Resp: 906507

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

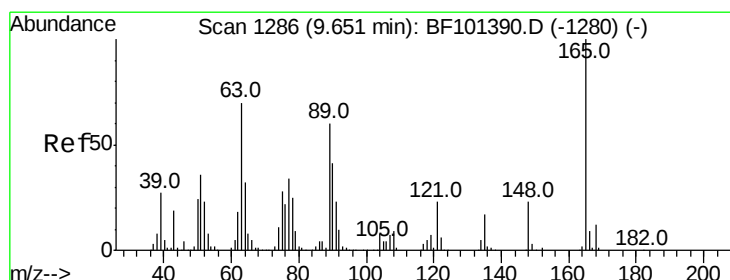
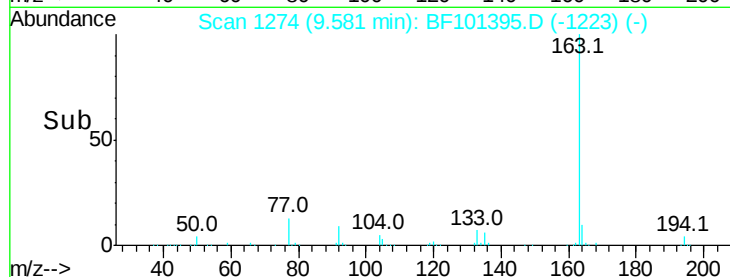
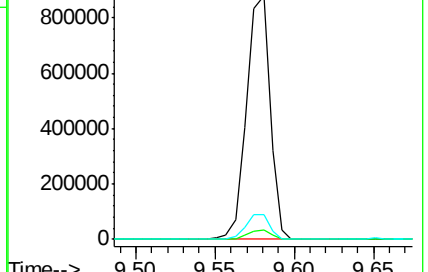
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.053 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

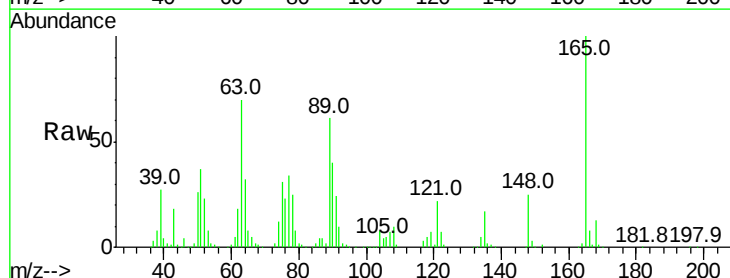
Tgt Ion:165 Resp: 196479

Ion Ratio Lower Upper

165 100

63 69.9 44.7 67.1#

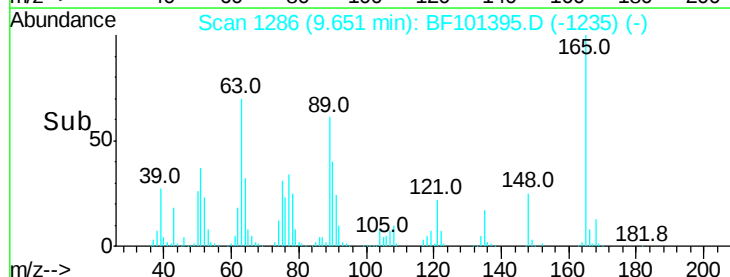
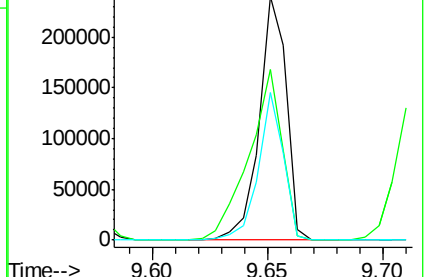
89 60.6 44.0 66.0

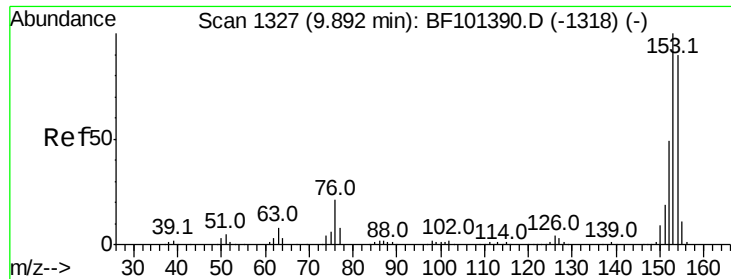


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

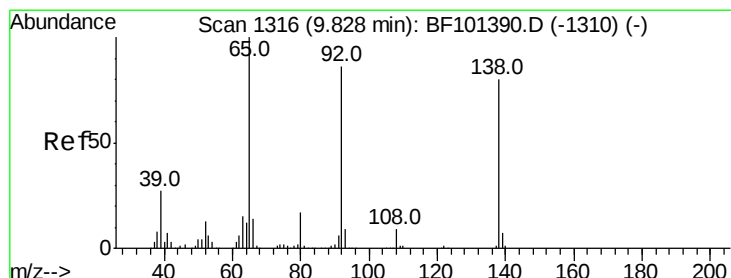
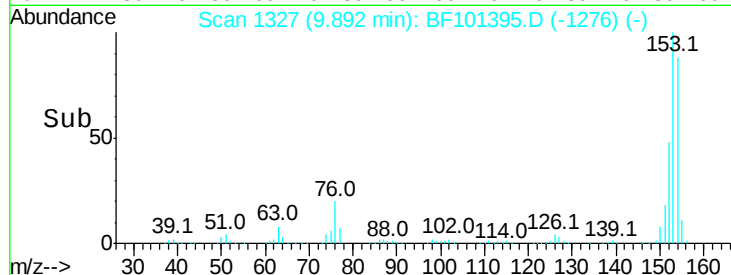
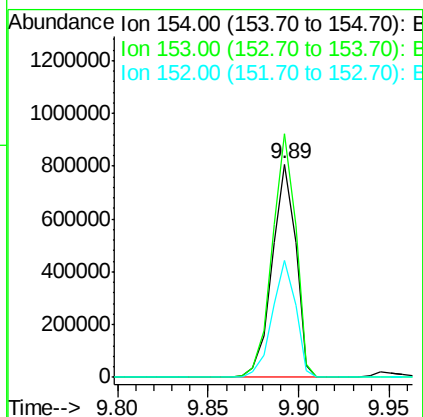
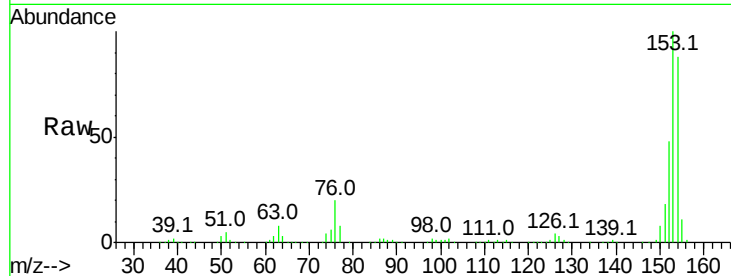




#51
Acenaphthene
Concen: 37.954 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

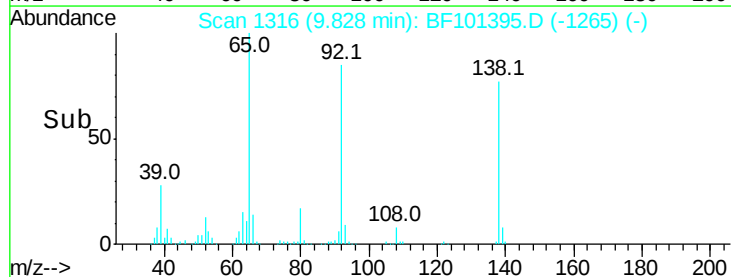
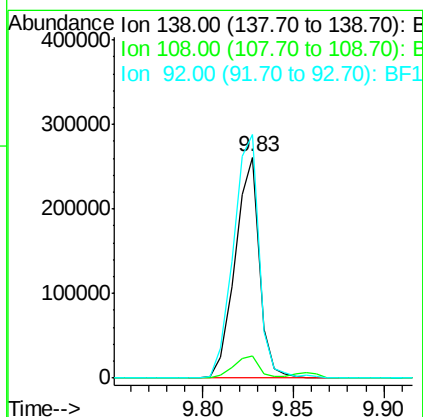
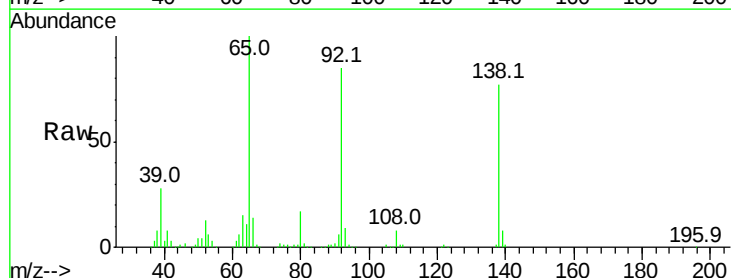
Instrument :
BNA_F
ClientSampleId :

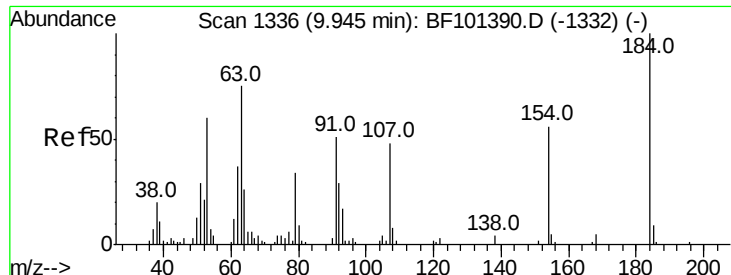
Tot Ion:154 Resp: 733339
Ion Ratio Lower Upper
154 100
153 114.1 91.2 136.8
152 54.5 43.8 65.8



#52
3-Nitroaniline
Concen: 39.893 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion:138 Resp: 243981
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.0
92 110.2 89.4 134.2

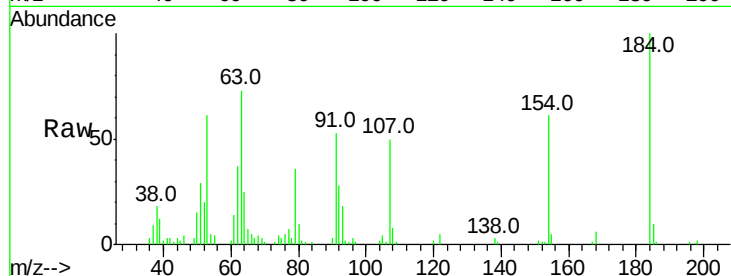




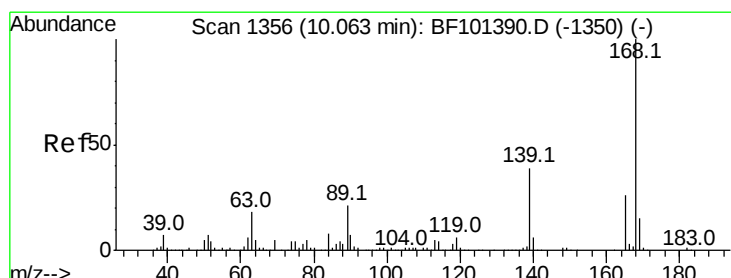
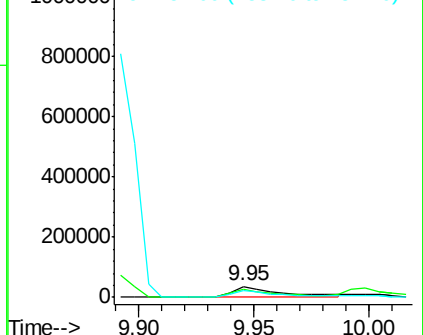
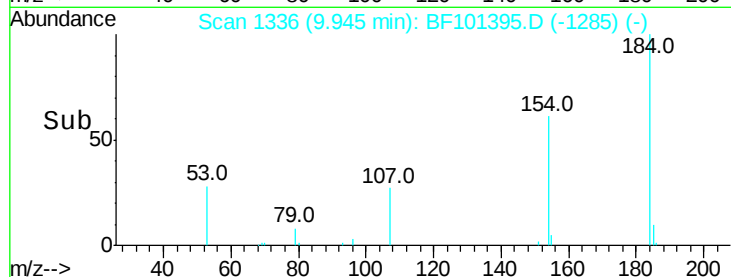
#53
 2,4-Dinitrophenol
 Concen: 37.652 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 53613
 Ion Ratio Lower Upper
 184 100
 63 72.8 54.2 81.2
 154 60.5 184.0 276.0#

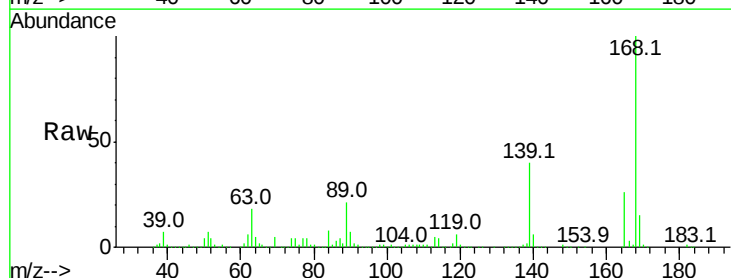


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

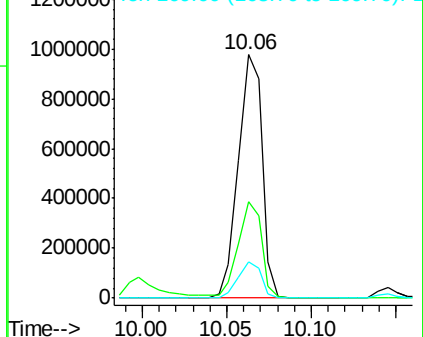
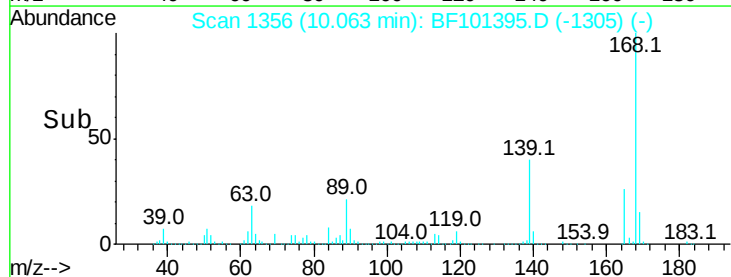


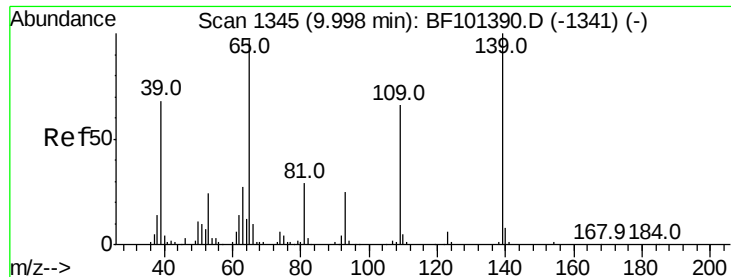
#54
 Dibenzofuran
 Concen: 39.117 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:168 Resp: 960527
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 14.8 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: 41.569 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampled :

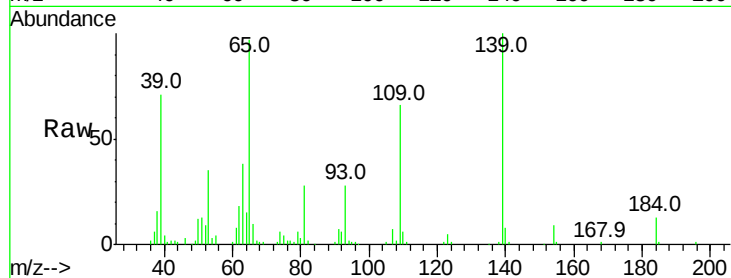
Tot Ion:139 Resp: 110855

Ion Ratio Lower Upper

139 100

109 66.1 48.4 88.4

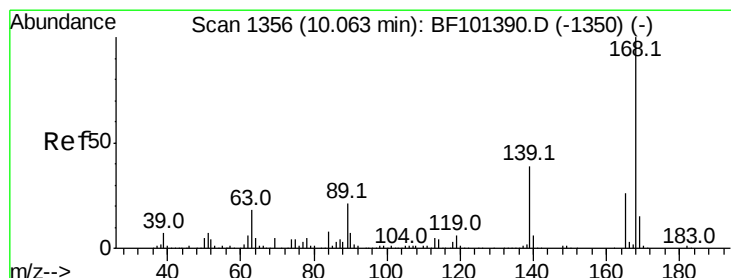
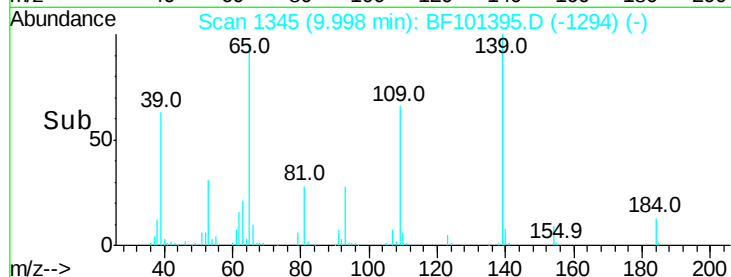
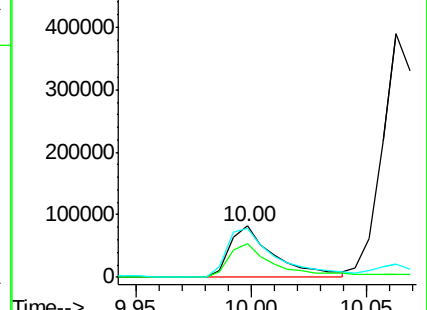
65 97.0 72.6 112.6



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: 40.611 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Tgt Ion:165 Resp: 224452

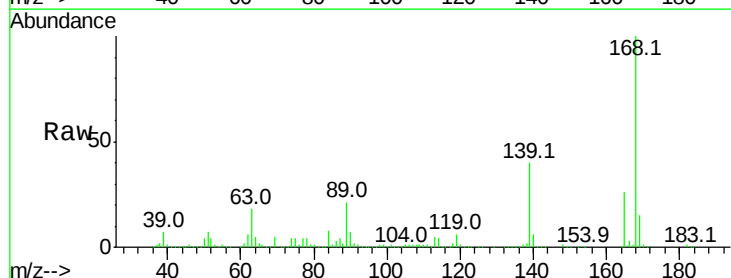
Ion Ratio Lower Upper

165 100

63 69.0 36.4 54.6#

89 81.4 57.8 86.6

182 2.4 1.6 2.4

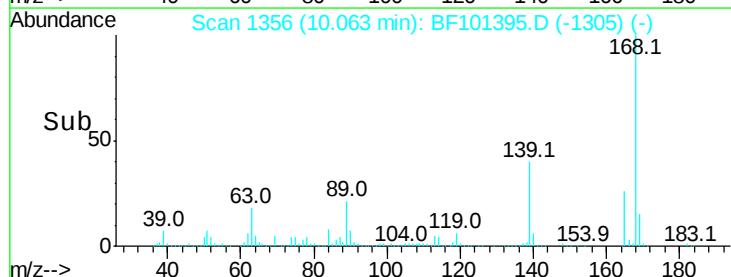
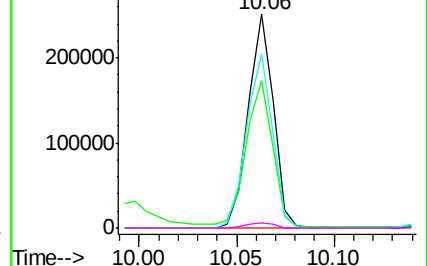


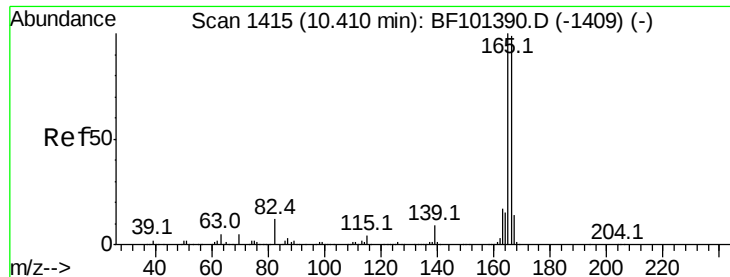
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.248 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

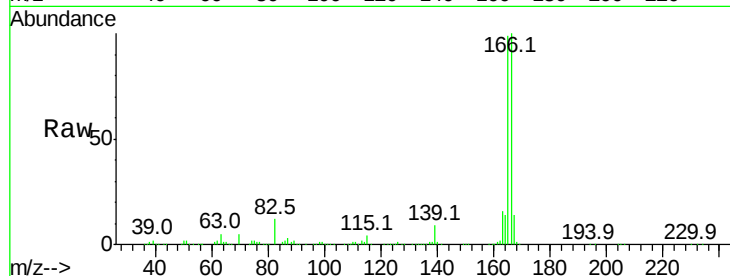
Tot Ion:166 Resp: 815276

Ion Ratio Lower Upper

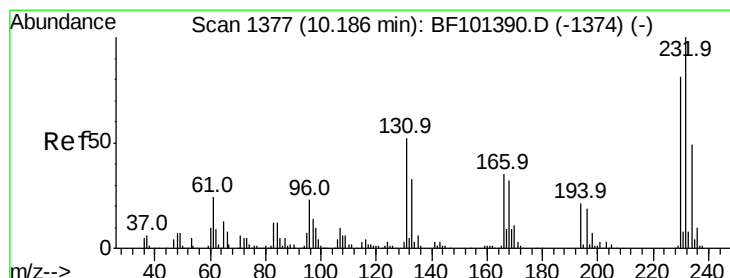
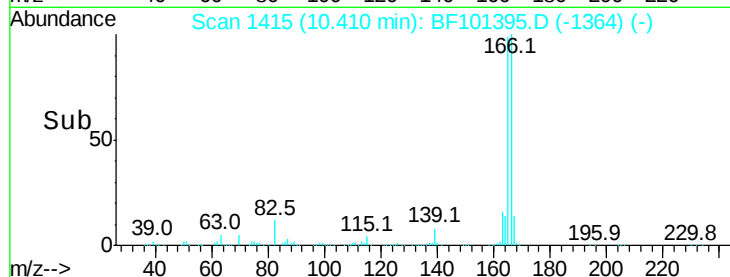
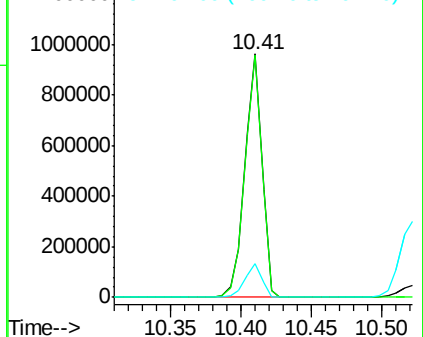
166 100

165 99.4 79.8 119.8

167 13.7 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.368 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Tgt Ion:232 Resp: 193683

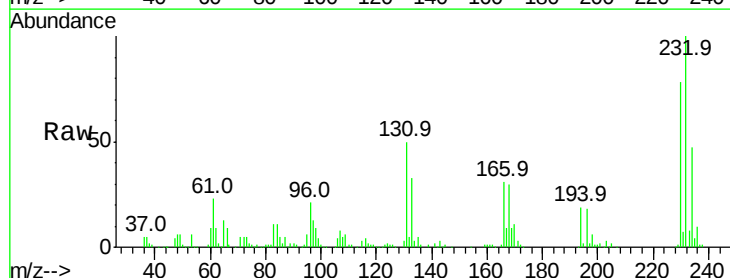
Ion Ratio Lower Upper

232 100

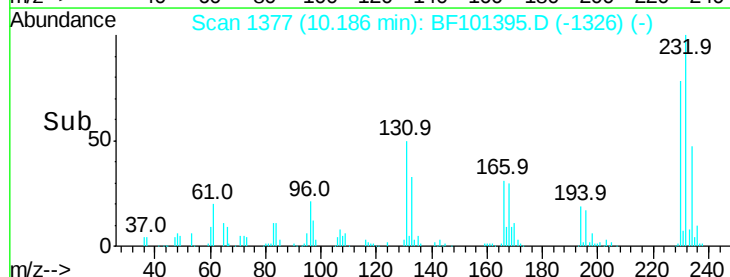
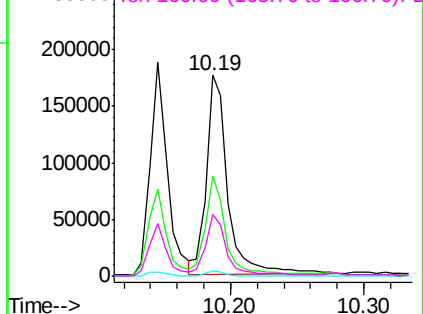
131 45.9 43.8 65.8

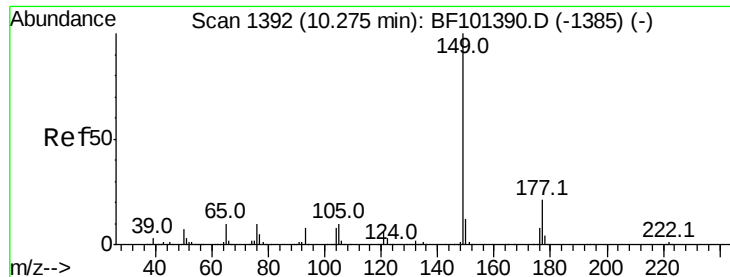
130 2.3 2.1 3.1

166 29.9 27.8 41.6



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

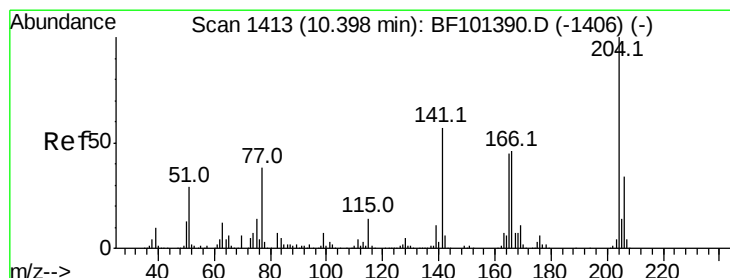
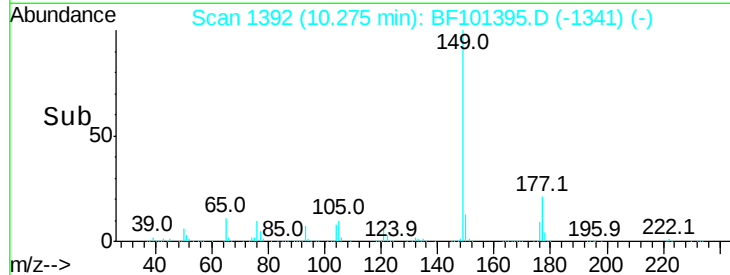
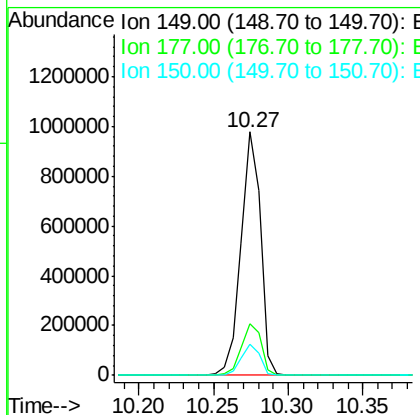
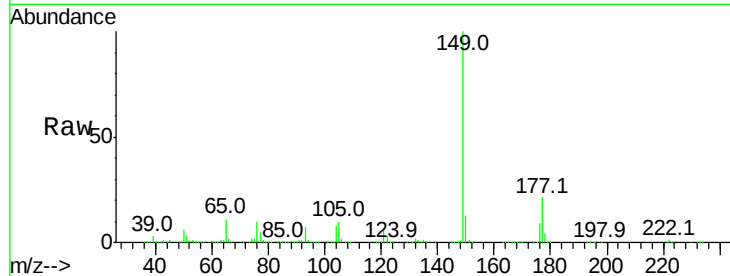




#59
 Diethylphthalate
 Concen: 37.424 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

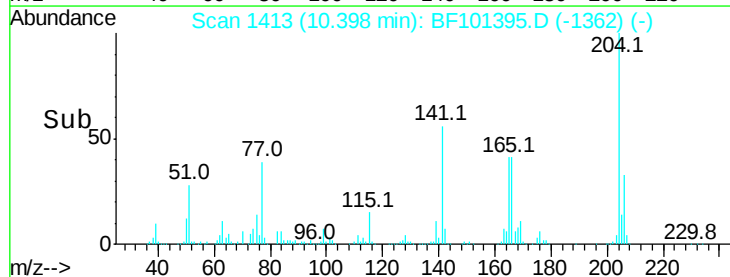
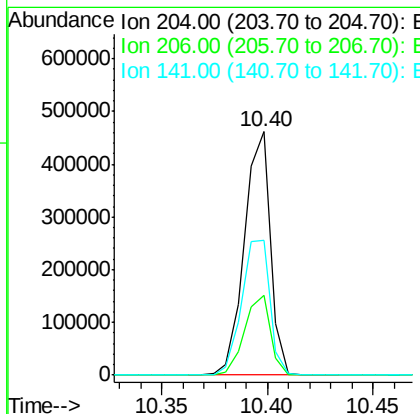
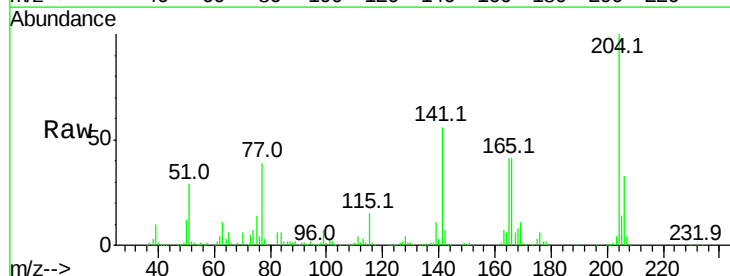
Instrument :
 BNA_F
 ClientSampleId :

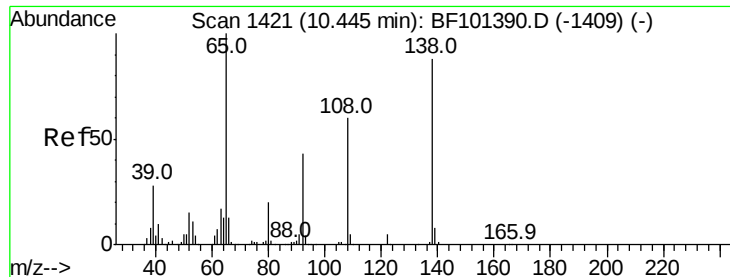
Tot Ion:	149	Resp:	894491
Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.6	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 39.722 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:	204	Resp:	395442
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	55.6	54.6	81.8





#61

4-Nitroaniline

Concen: 39.681 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampled :

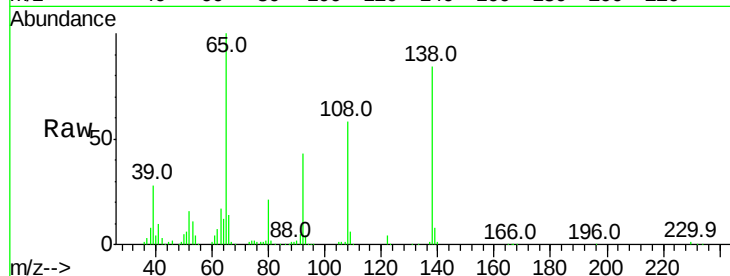
Tot Ion:138 Resp: 243936

Ion Ratio Lower Upper

138 100

92 51.2 30.2 70.2

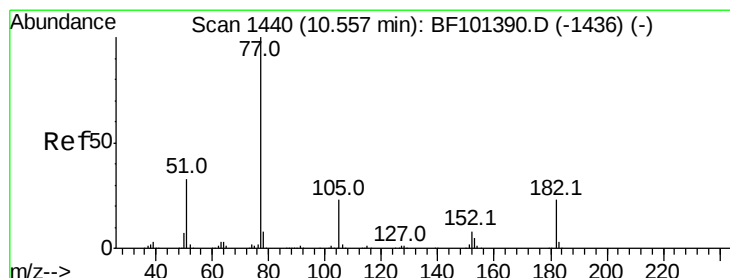
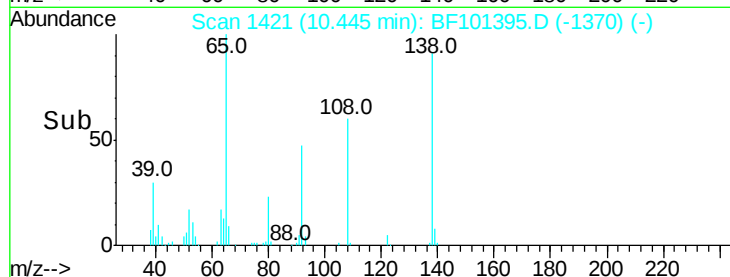
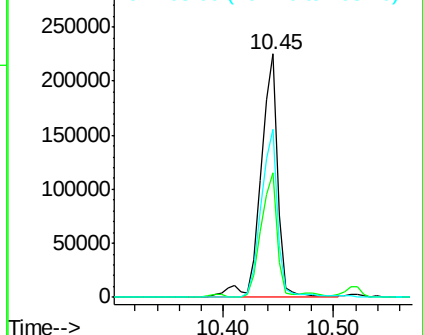
108 69.0 52.5 92.5



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: 37.429 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Tgt Ion: 77 Resp: 926731

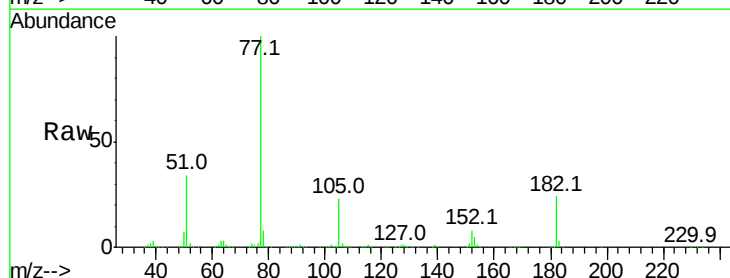
Ion Ratio Lower Upper

77 100

182 23.7 1.7 41.7

105 23.1 3.0 43.0

51 33.8 9.9 49.9

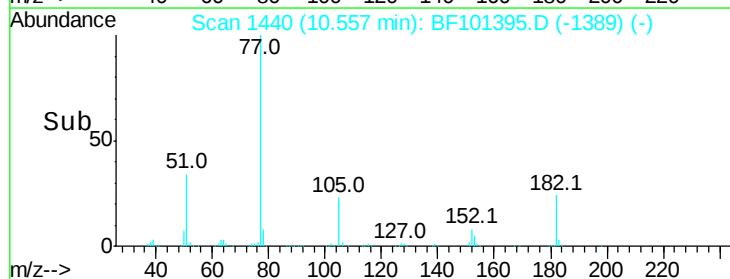
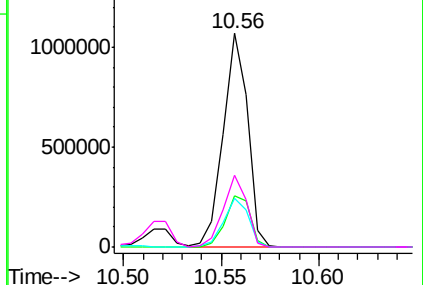


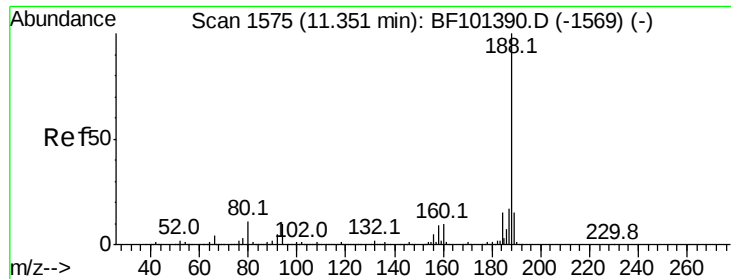
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

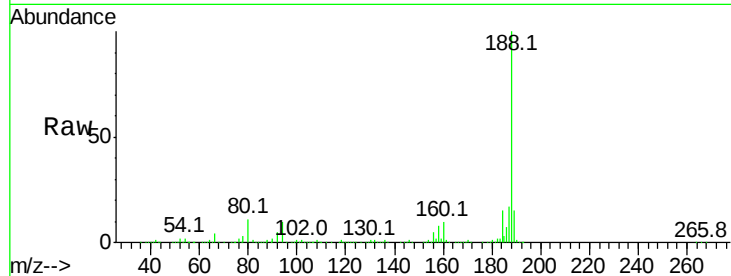




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Instrument :
BNA_F
ClientSampleId :

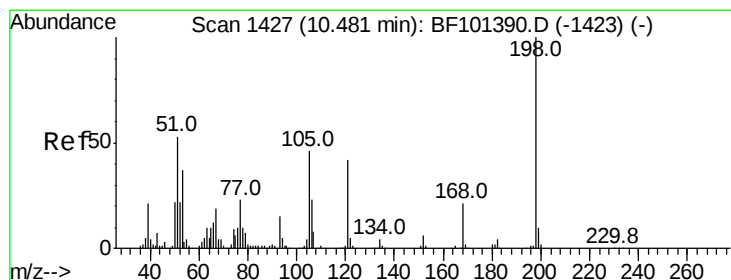
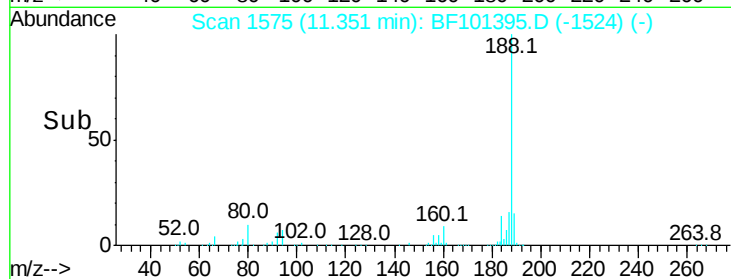
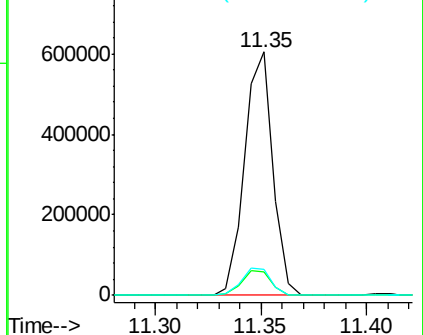
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.6	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

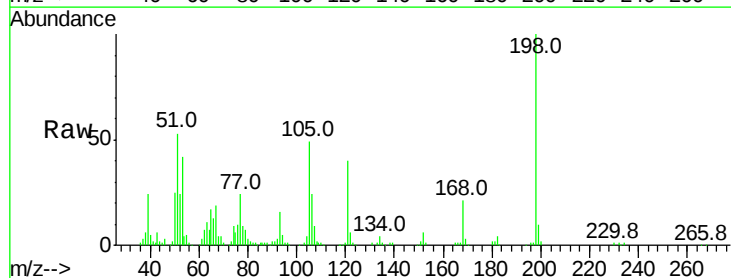
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 43.250 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

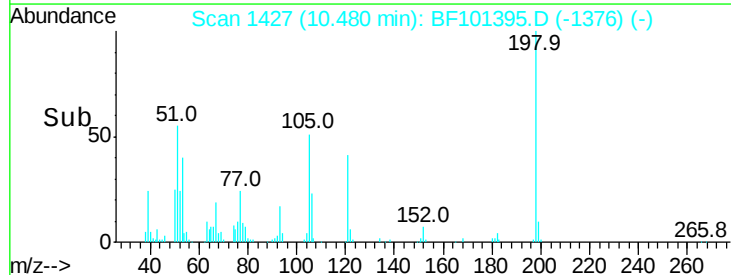
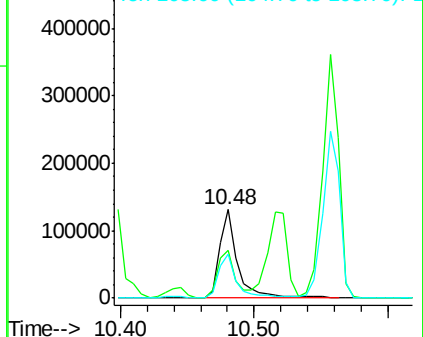
Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.5	37.7	77.7
105	49.2	36.3	76.3

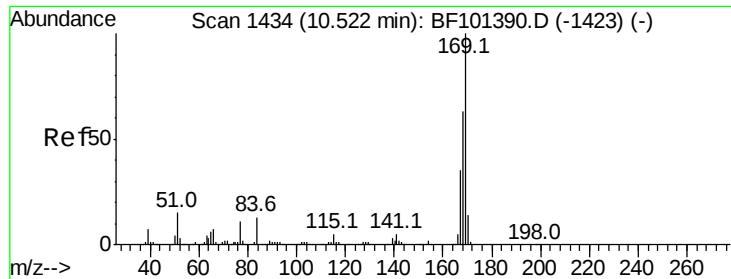


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

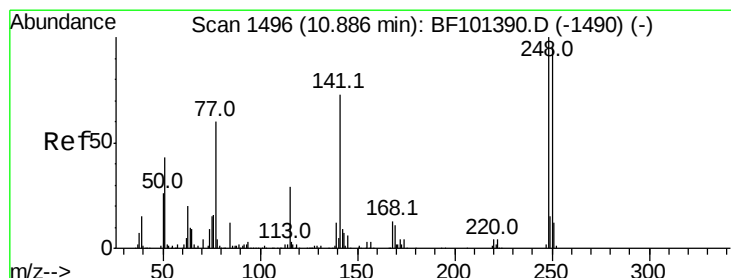
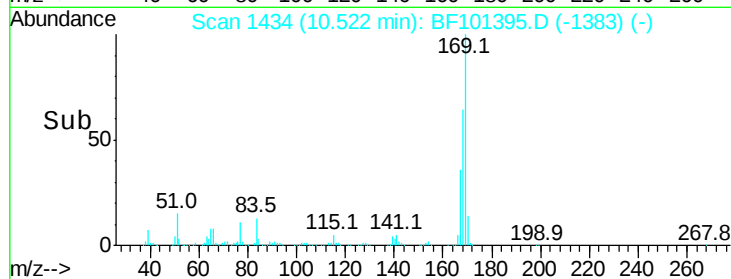
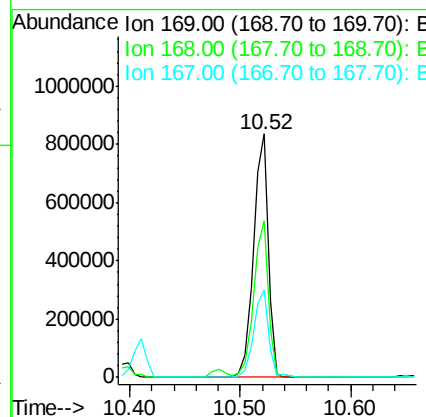
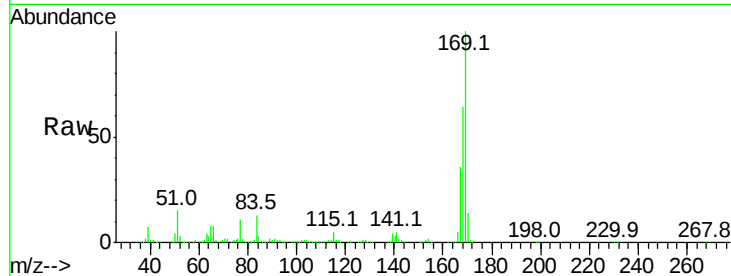




#65
n-Nitrosodiphenylamine
Concen: 38.075 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

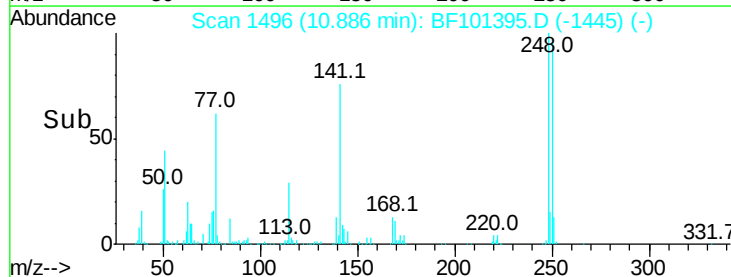
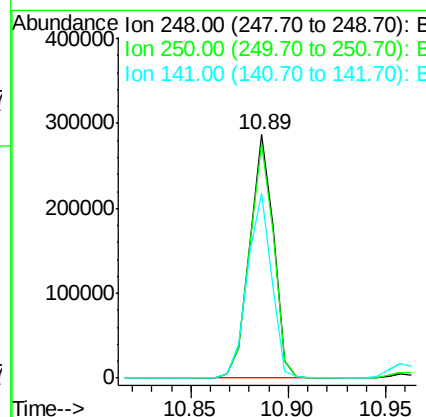
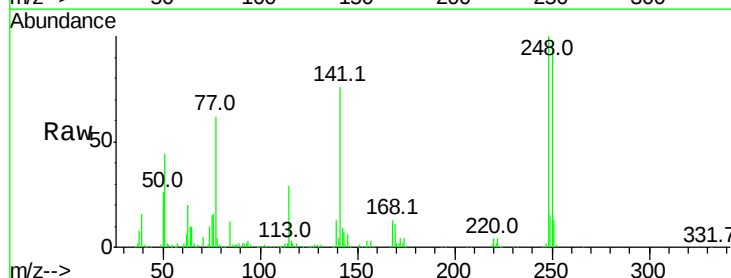
Instrument :
BNA_F
ClientSampleId :

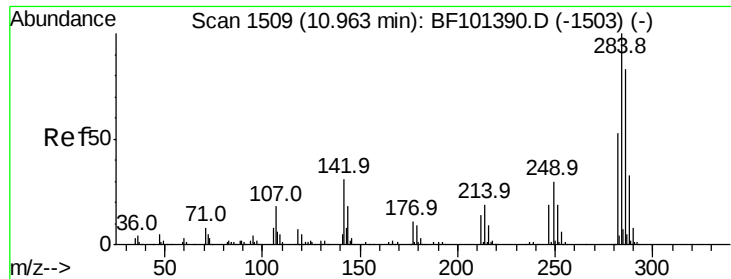
Tot Ion:169 Resp: 787292
Ion Ratio Lower Upper
169 100
168 64.2 54.4 81.6
167 35.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 38.688 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion:248 Resp: 243432
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 75.8 74.4 111.6





#67

Hexachlorobenzene

Concen: 38.739 ng

RT: 10.96 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

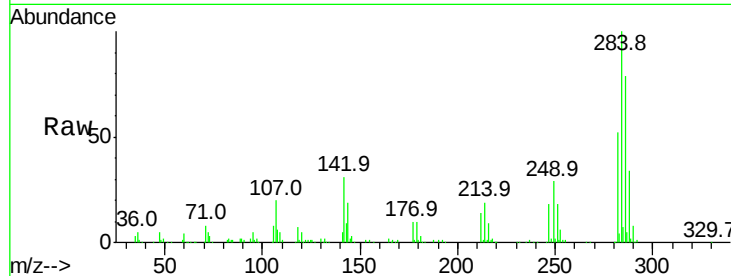
Tot Ion:284 Resp: 257987

Ion Ratio Lower Upper

284 100

142 31.3 34.6 52.0#

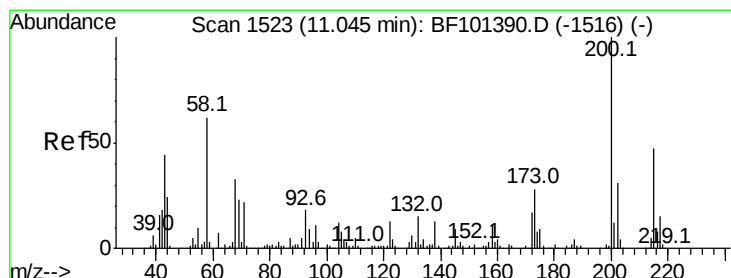
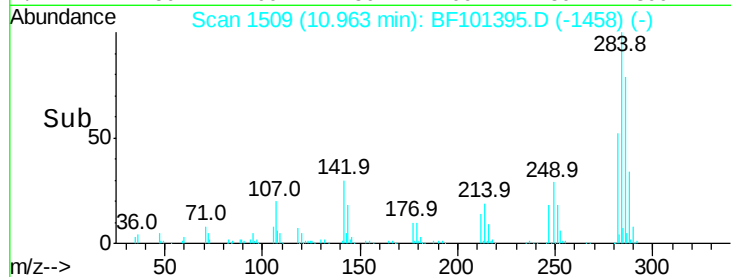
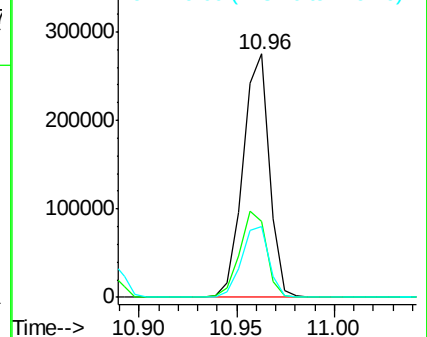
249 29.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.916 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

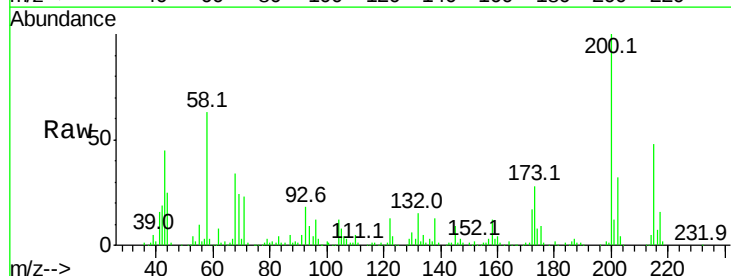
Tgt Ion:200 Resp: 239939

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

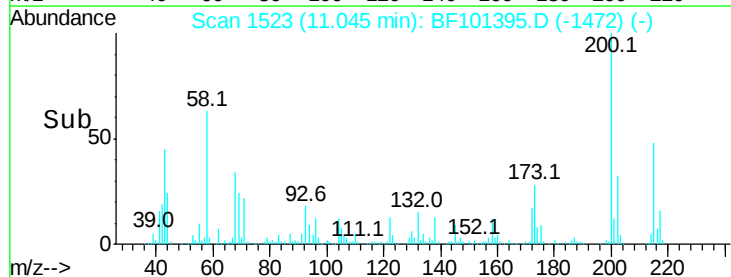
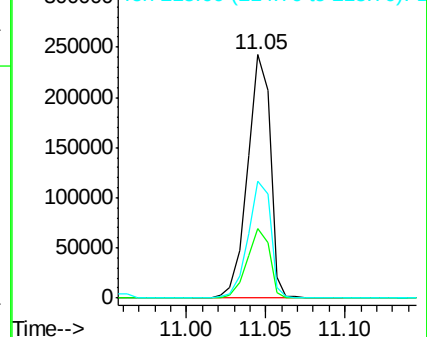
215 48.2 25.1 65.1

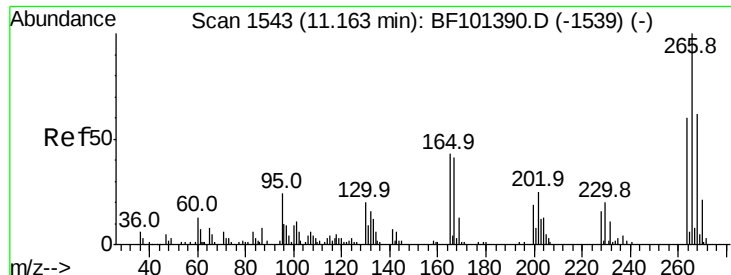


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

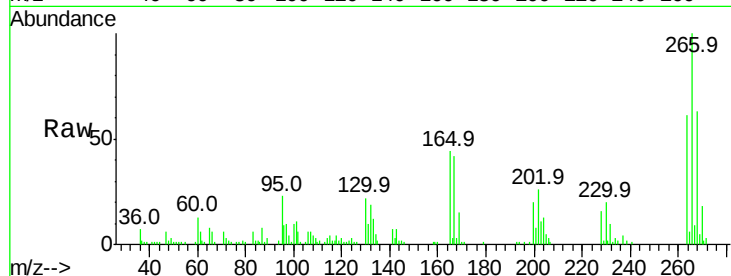




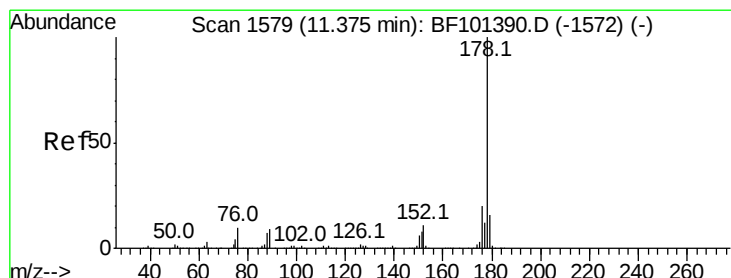
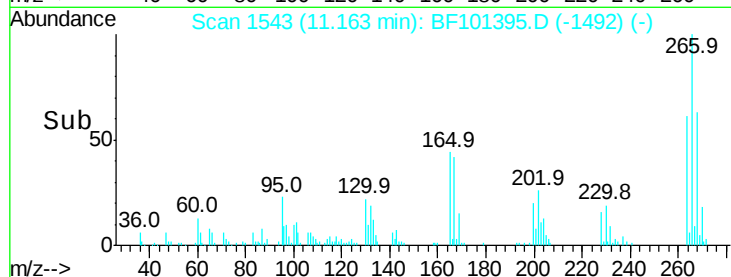
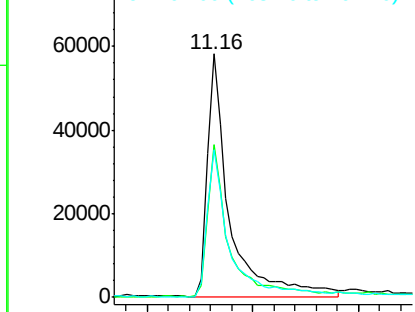
#69
 Pentachlorophenol
 Concen: 37.147 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	60.9	49.5	74.3

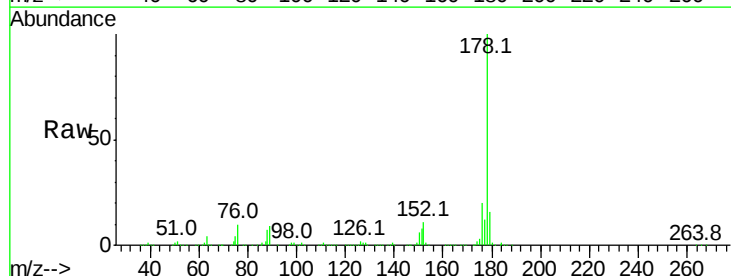


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

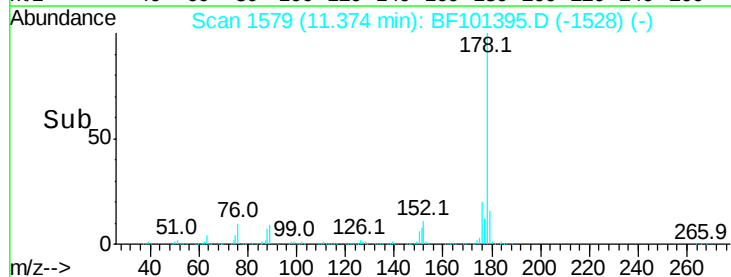
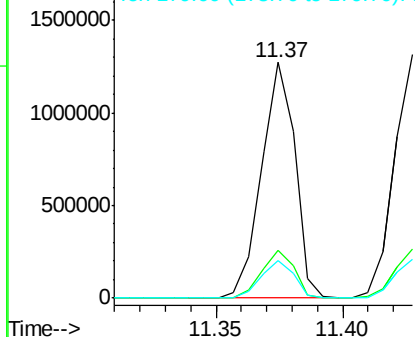


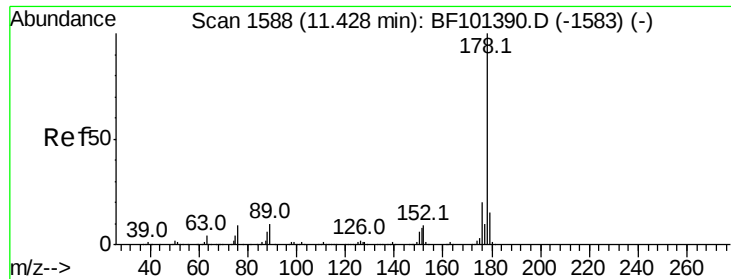
#70
 Phenanthrene
 Concen: 37.734 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6



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

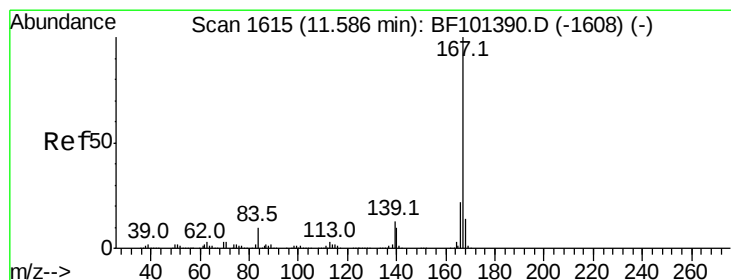
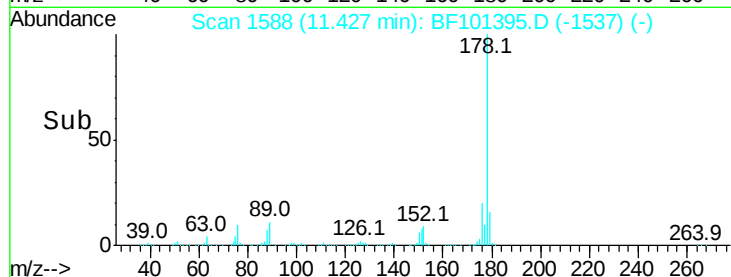
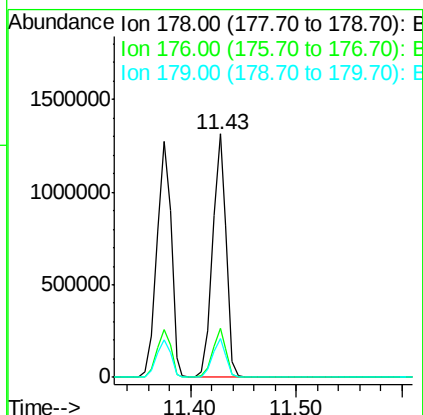
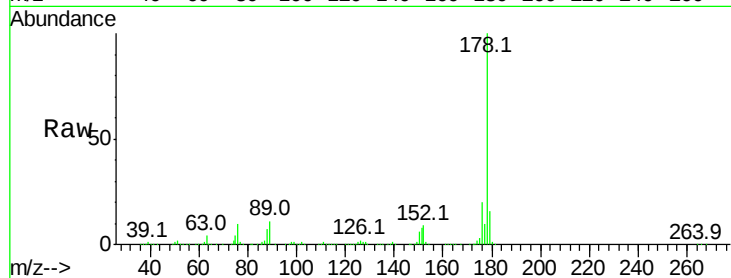




#71
 Anthracene
 Concen: 37.904 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

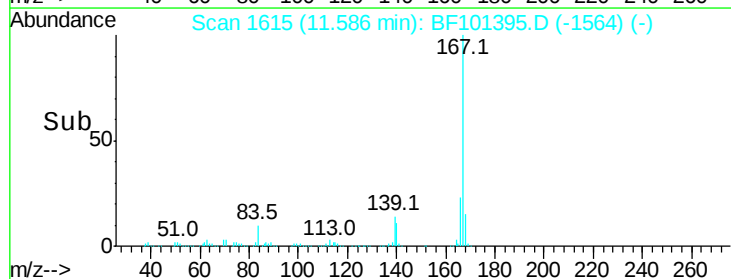
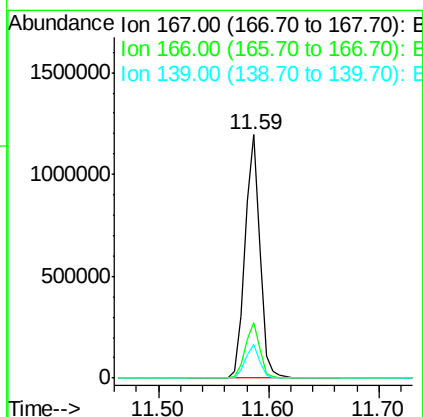
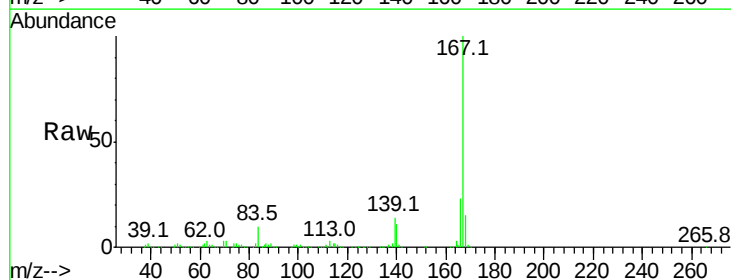
Instrument :
 BNA_F
 ClientSampleId :

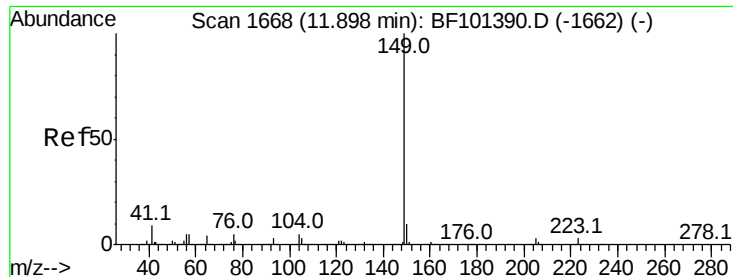
Tot Ion:178 Resp: 1205749
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 38.080 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:167 Resp: 1134139
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.162 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

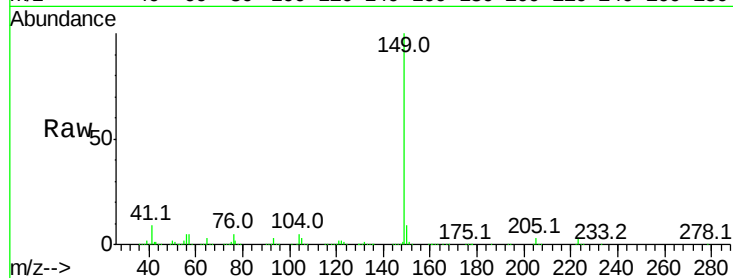
Tot Ion:149 Resp: 1379513

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

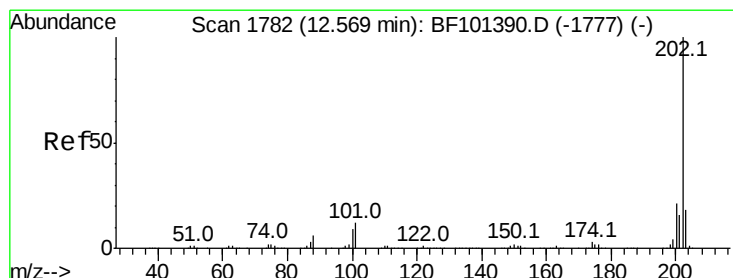
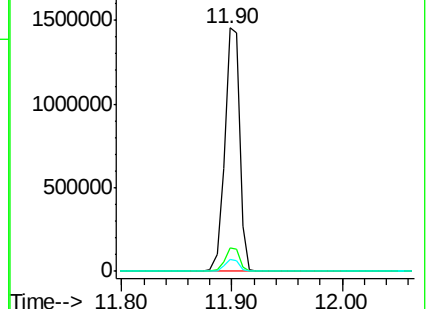
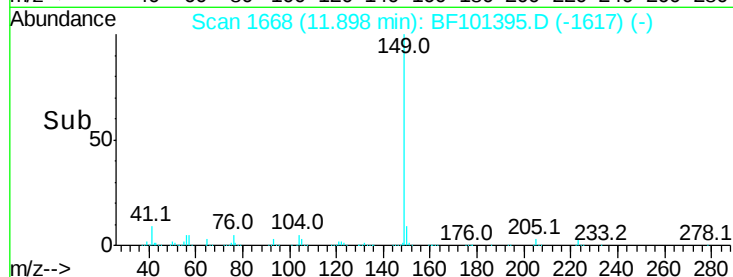
104 5.1 3.8 5.8



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: 37.851 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

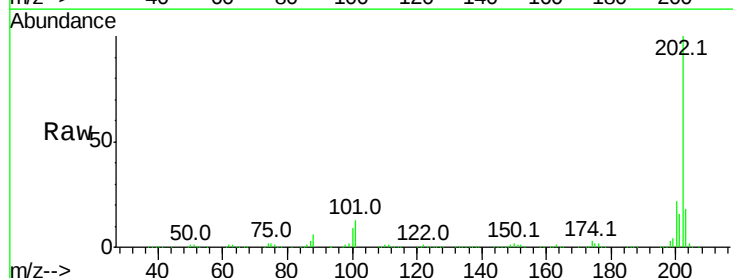
Tgt Ion:202 Resp: 1237270

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

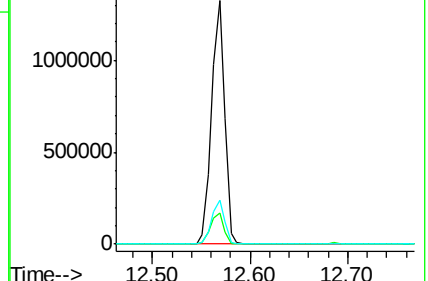
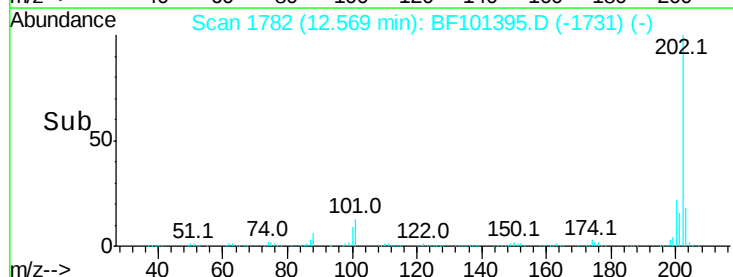
203 18.0 0.0 38.1

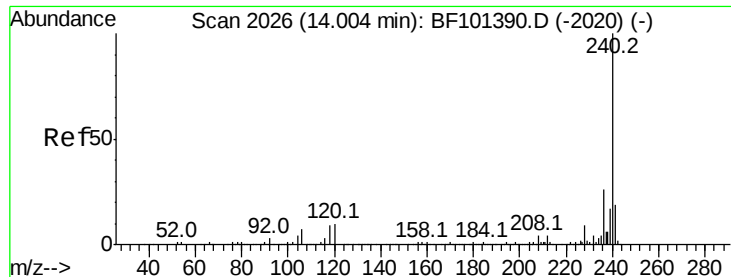


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

Instrument :

BNA_F

ClientSampleId :

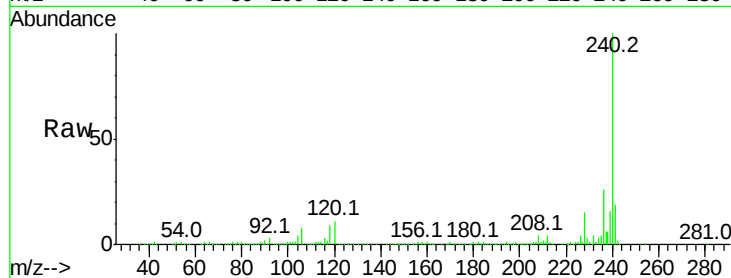
Tot Ion:240 Resp: 446447

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

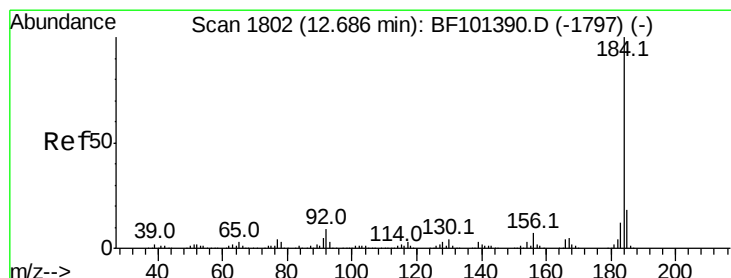
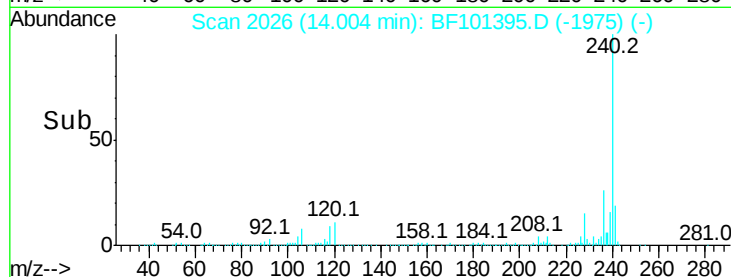
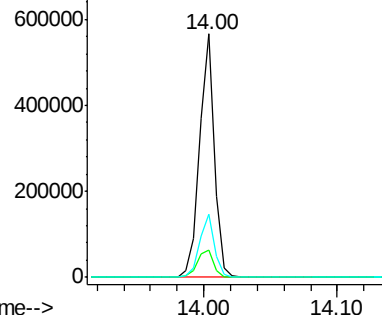
236 25.9 20.7 31.1



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: 39.009 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF101395.D

Acq: 14 Dec 2017 15:24

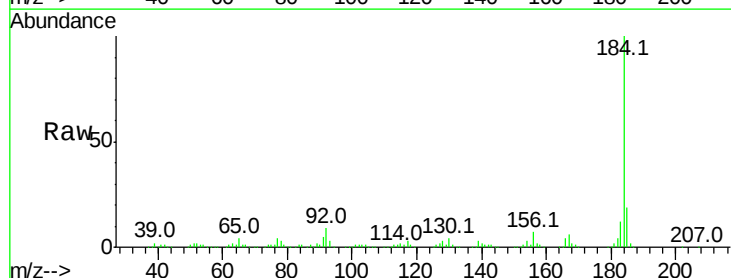
Tgt Ion:184 Resp: 735541

Ion Ratio Lower Upper

184 100

185 18.8 12.6 18.8

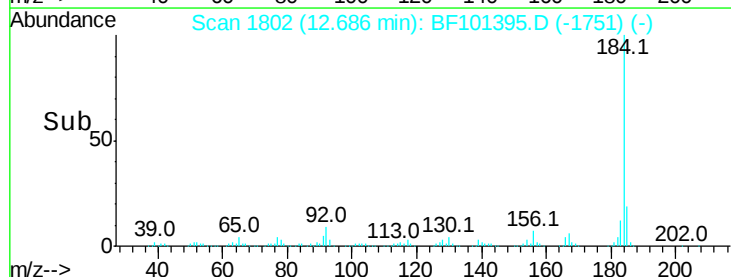
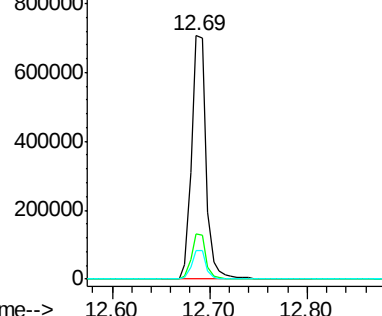
183 11.9 9.3 13.9

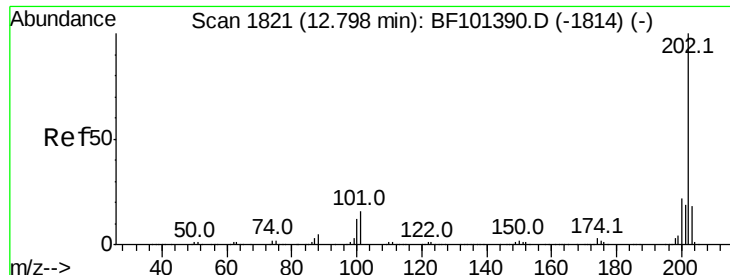


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



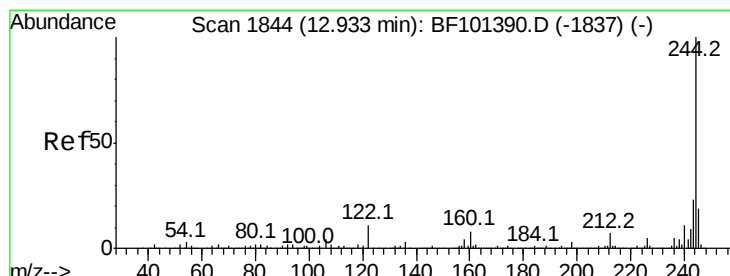
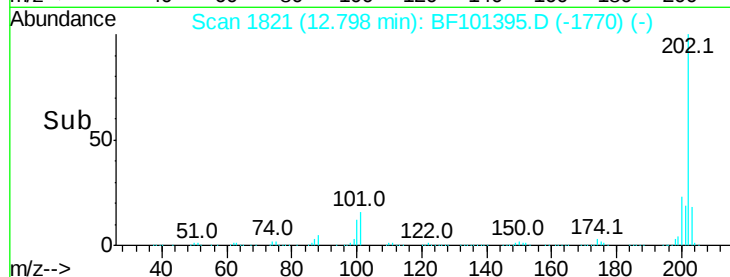
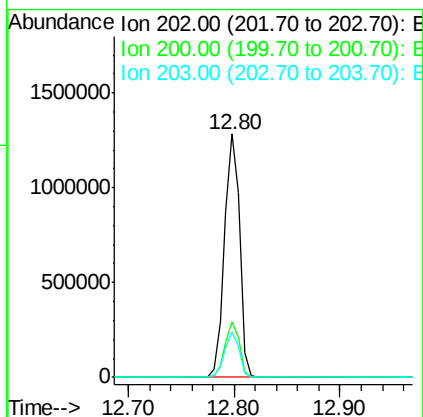
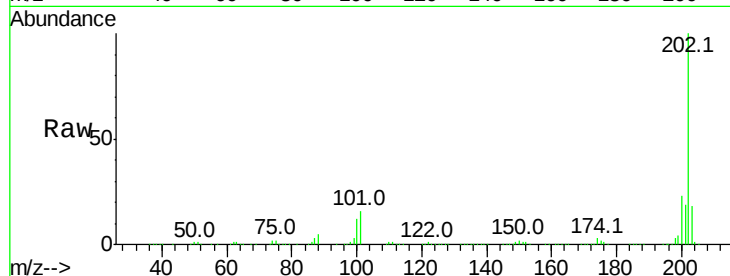


#77
 Pvrene
 Concen: 38.103 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1276679

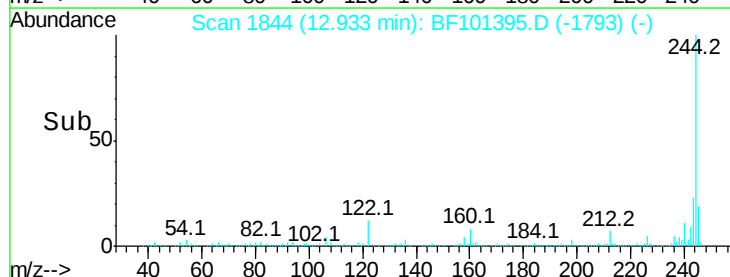
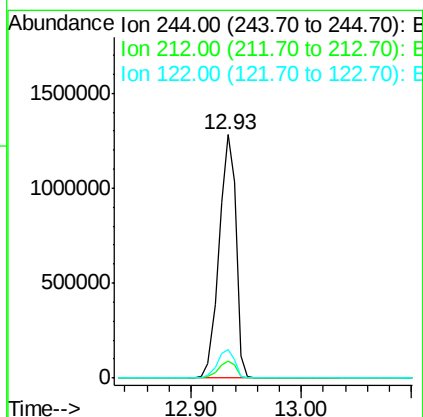
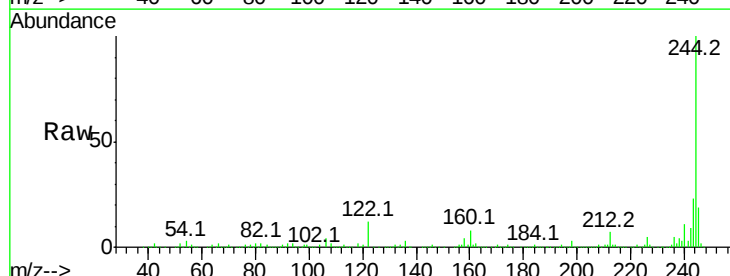
Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	18.4	14.3	21.5

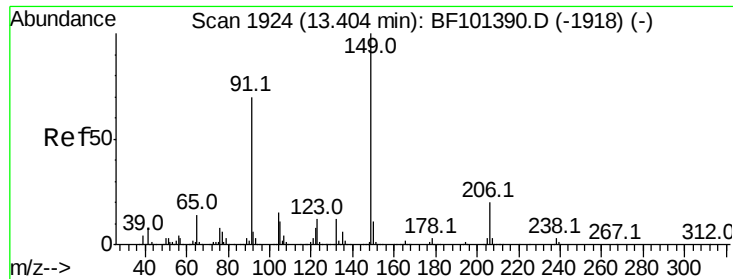


#78
 Terphenyl-d14
 Concen: 73.384 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:244 Resp: 1358988

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.7	11.0	16.4

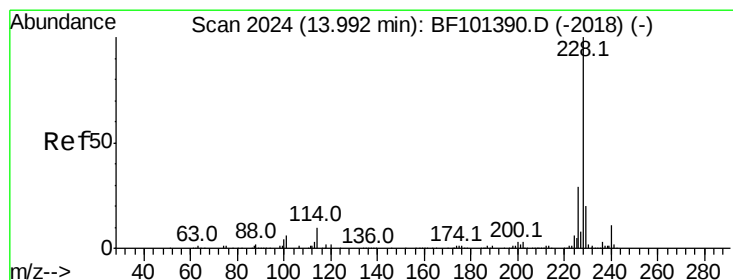
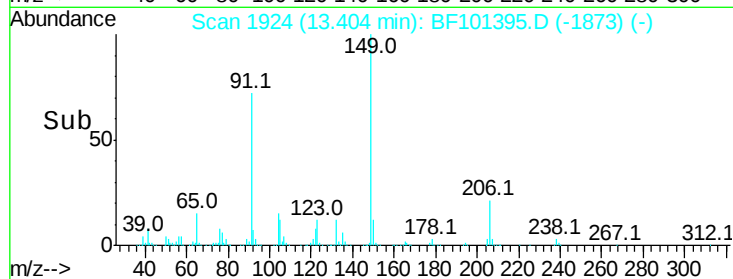
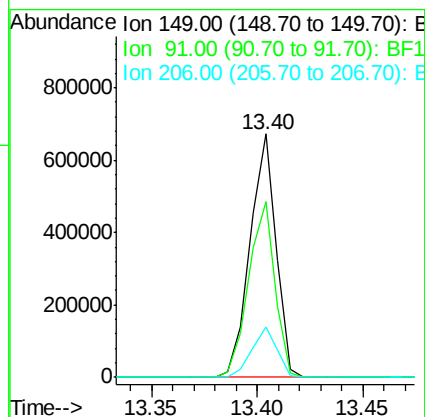
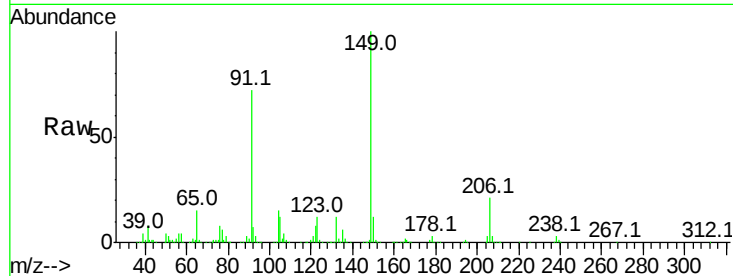




#79
Butylbenzylphthalate
Concen: 37.894 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

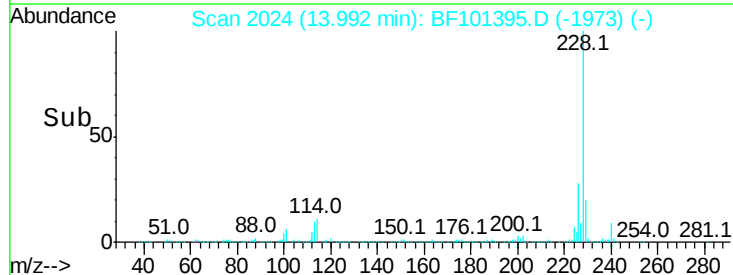
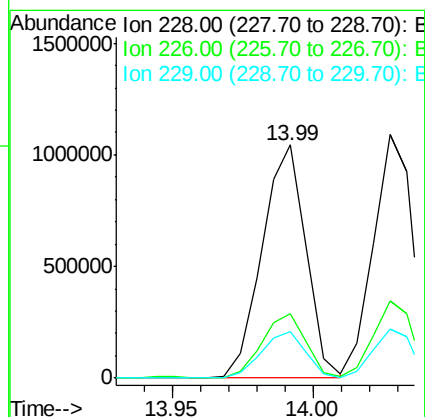
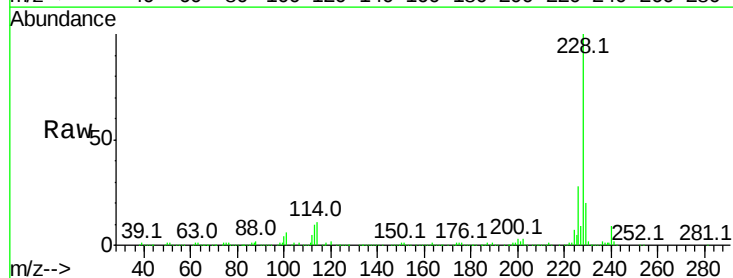
Instrument :
BNA_F
ClientSampleId :

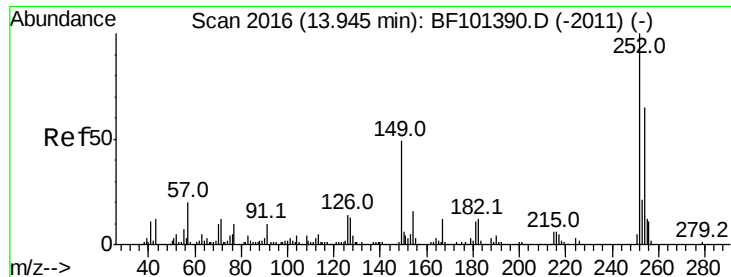
Tot Ion:149 Resp: 574488
Ion Ratio Lower Upper
149 100
91 72.4 56.8 85.2
206 20.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.952 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion:228 Resp: 1118813
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 15.8 23.6

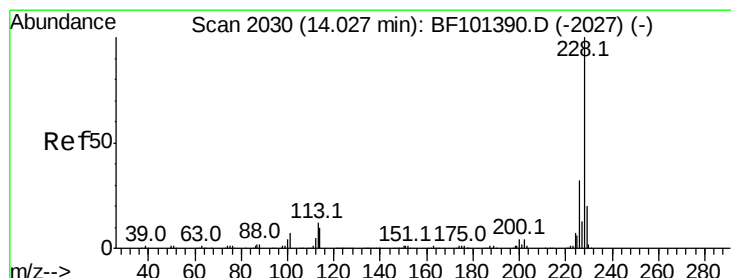
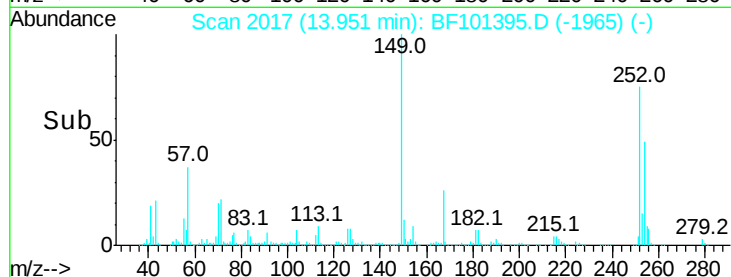
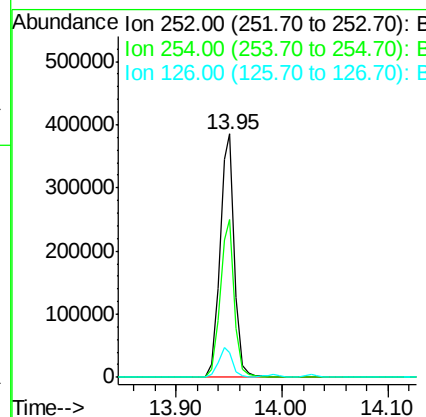
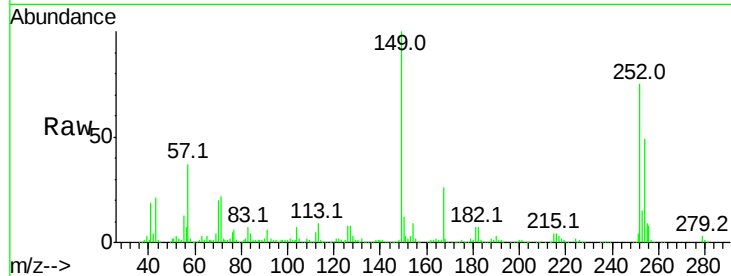




#81
 3,3'-Dichlorobenzidine
 Concen: 38.760 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

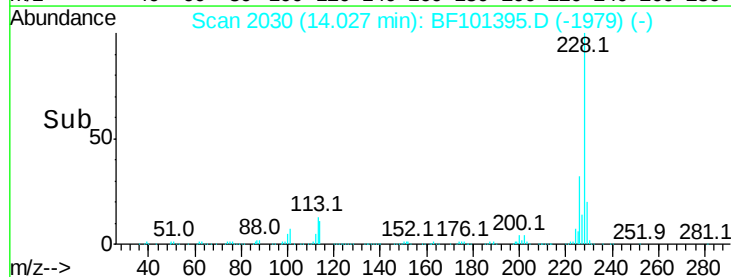
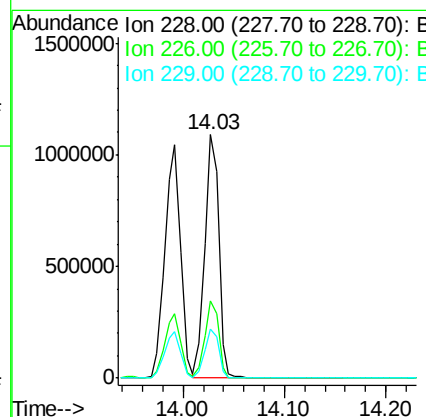
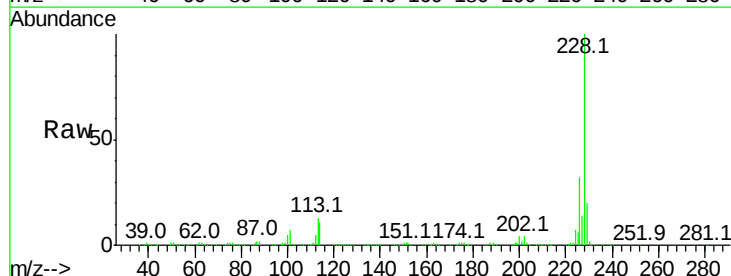
Instrument :
 BNA_F
 ClientSampled :

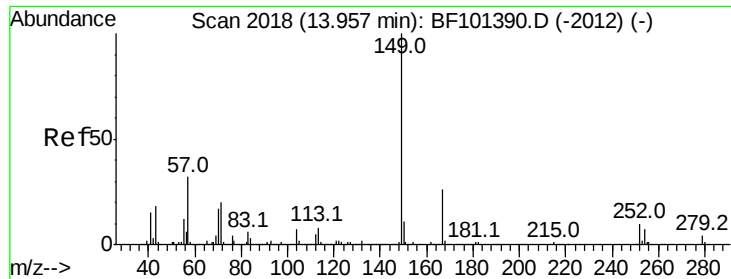
Tot Ion:252 Resp: 372574
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.4 75.6
 126 10.2 11.3 16.9#



#82
 Chrysene
 Concen: 37.631 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion:228 Resp: 1047416
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.3 16.2 24.4

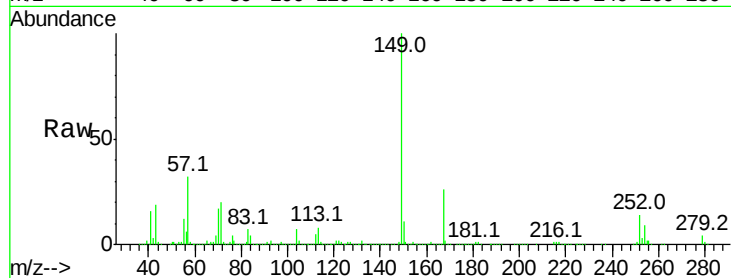




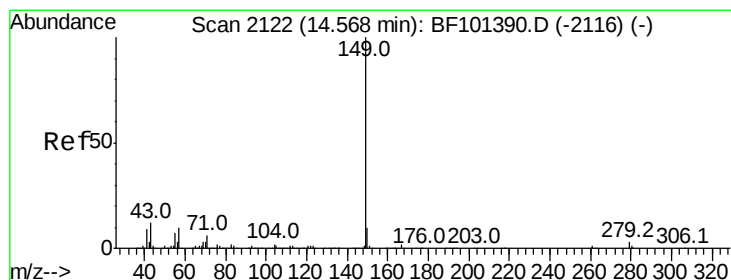
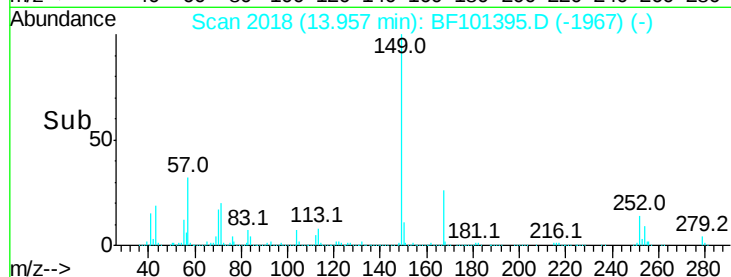
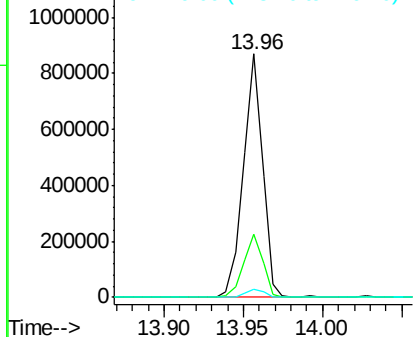
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.022 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.5	3.0	4.4

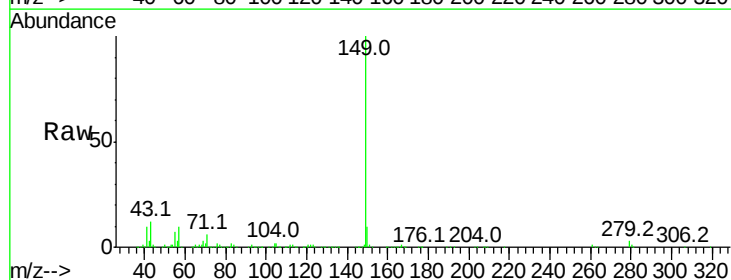


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

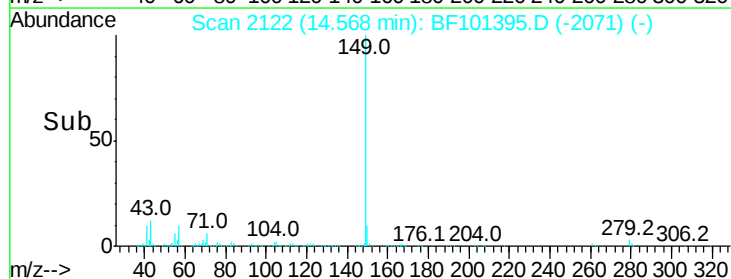
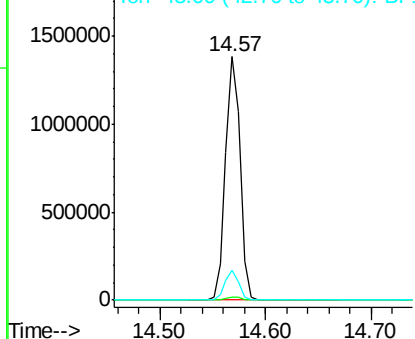


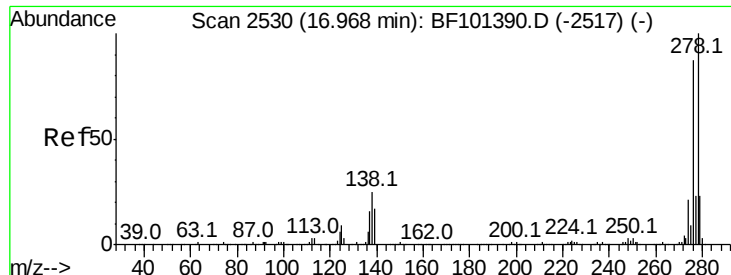
#84
 Di-n-octyl phthalate
 Concen: 38.916 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.8	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

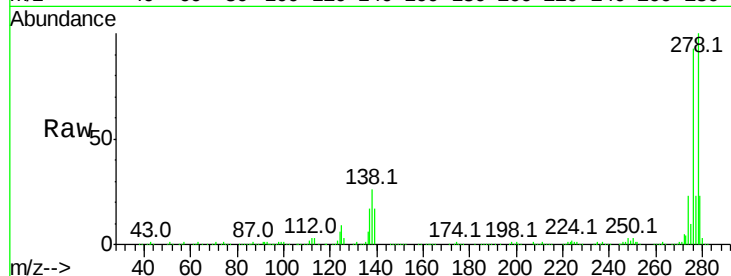




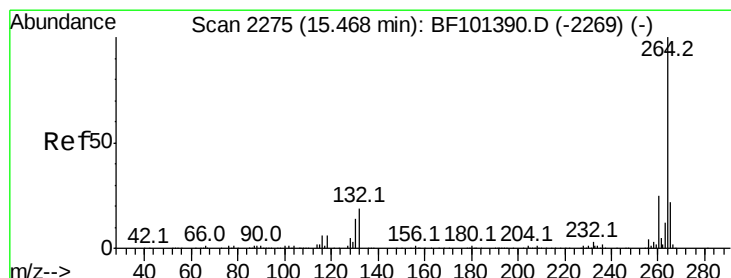
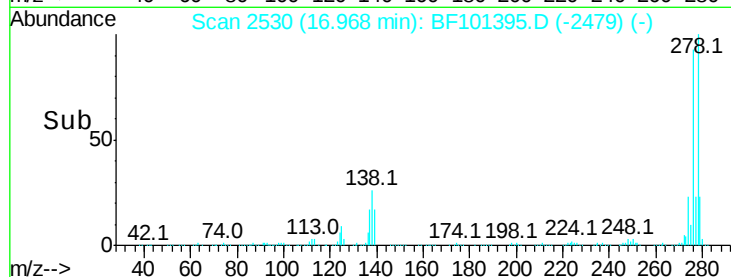
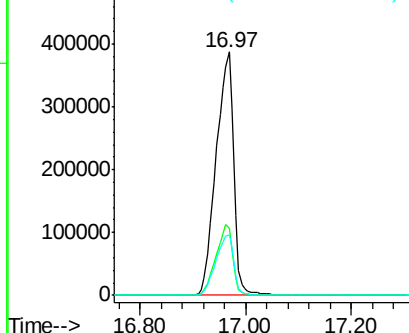
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.344 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	25.4	20.1	30.1

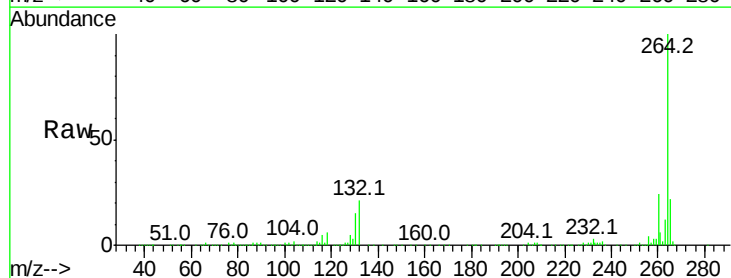


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

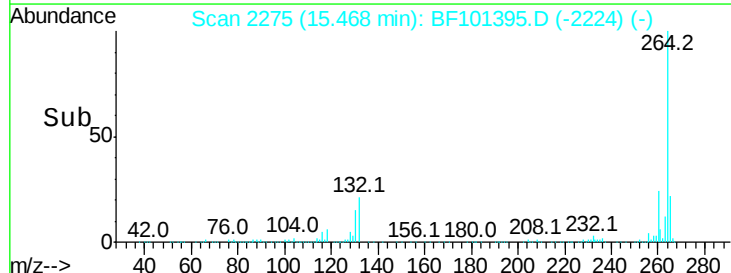
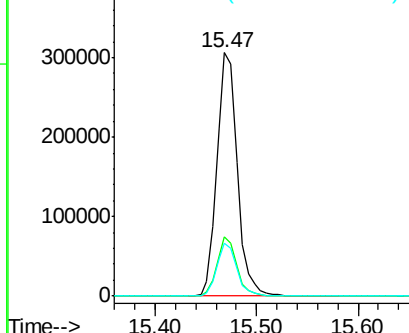


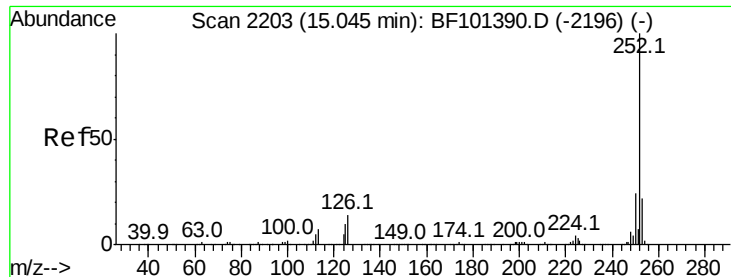
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	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

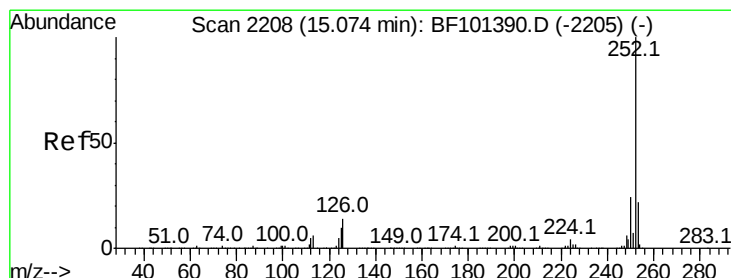
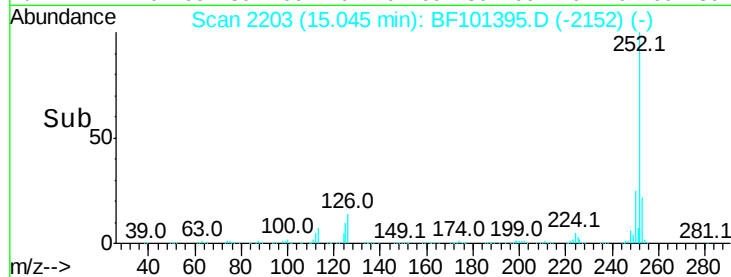
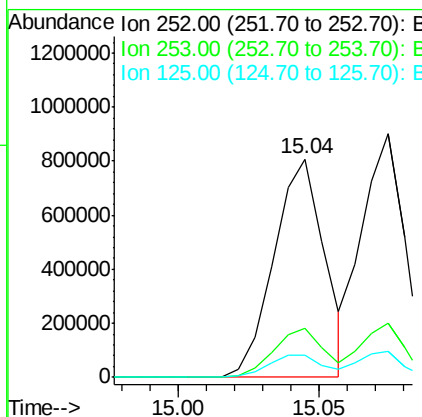
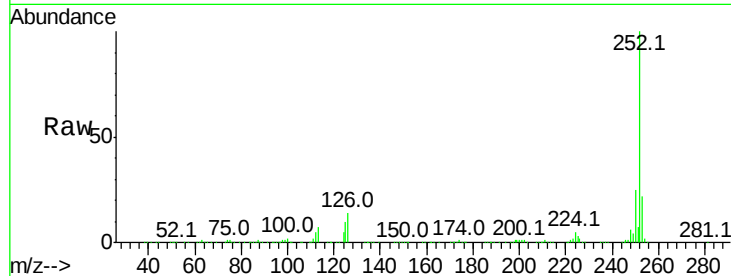




#87
Benzo(b)fluoranthene
Concen: 38.436 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

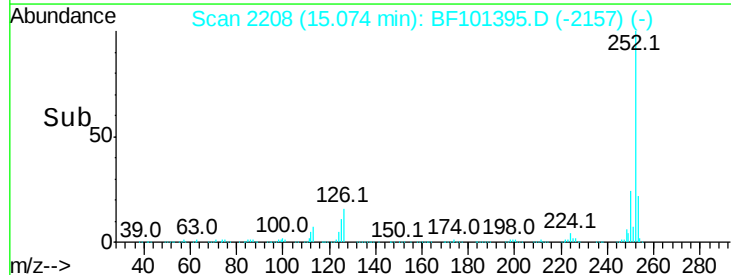
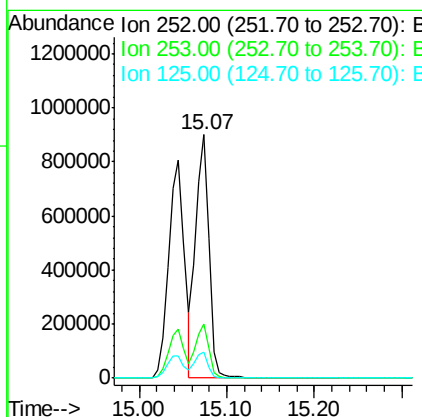
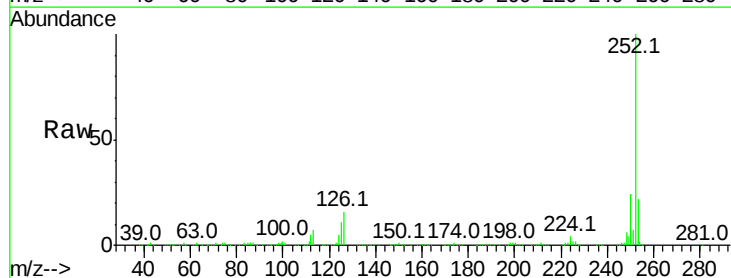
Instrument :
BNA_F
ClientSampleId :

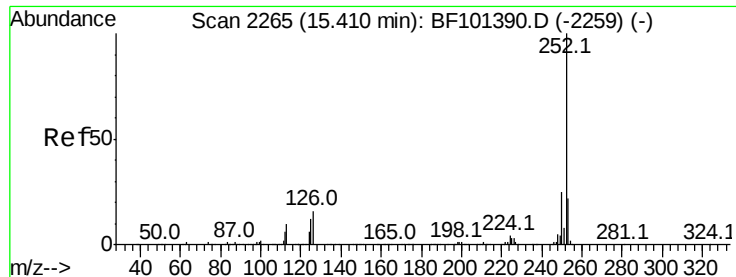
Tot Ion:252 Resp: 1004343
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 10.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.837 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion:252 Resp: 961285
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.9 10.2 15.2

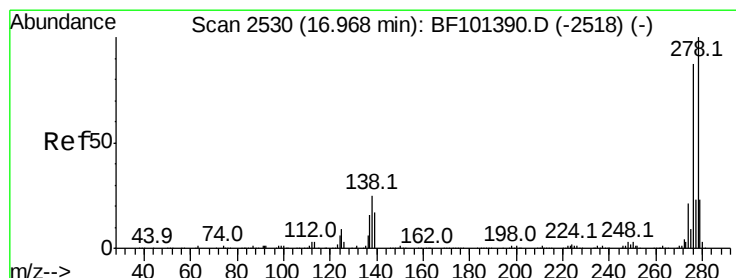
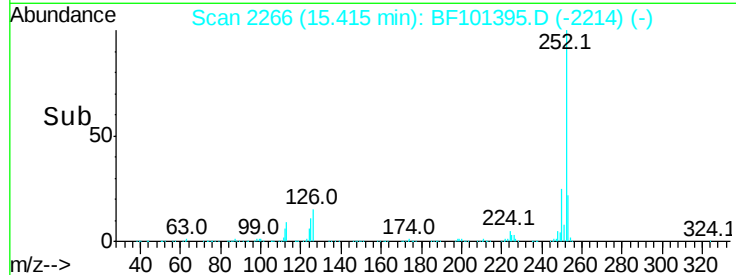
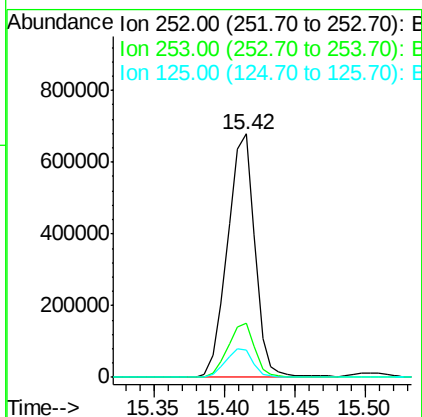
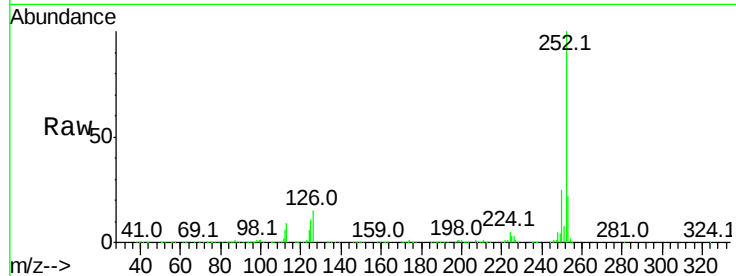




#89
Benzo(a)pyrene
Concen: 38.126 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

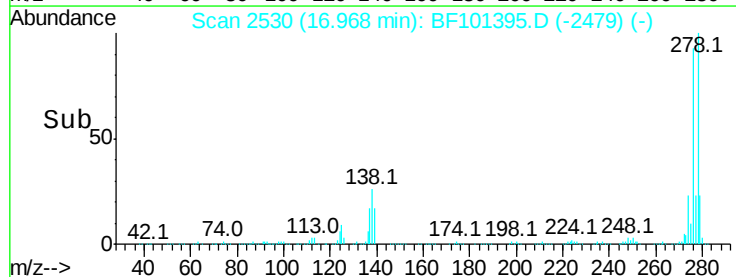
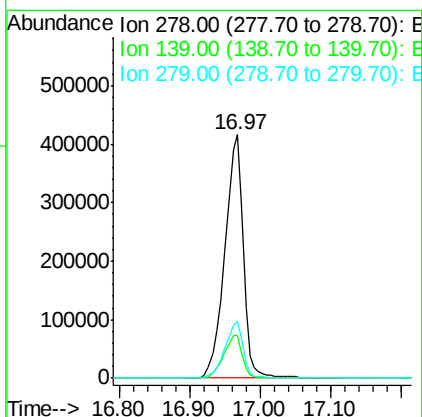
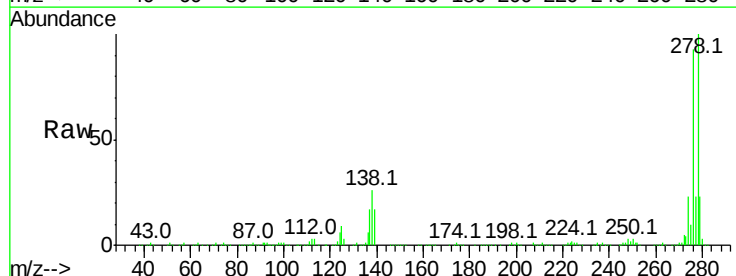
Instrument :
BNA_F
ClientSampleId :

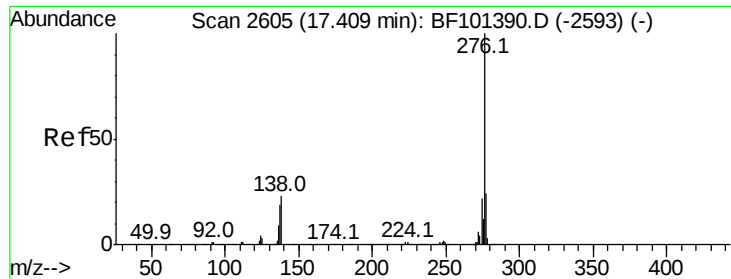
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.738 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BF101395.D
Acq: 14 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.276 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BF101395.D
 Acq: 14 Dec 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.5	21.8	32.8

