

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101393.D
 Acq On : 14 Dec 2017 14:06
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 14:33:13 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 13:19:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149701	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	610560	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	277364	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	523144	20.00	ng	0.00
75) Chrysene-d12	14.00	240	382598	20.00	ng	0.00
86) Perylene-d12	15.47	264	356772	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1397047	154.21	ng	0.00
7) Phenol-d6	6.47	99	1694992	154.10	ng	0.01
23) Nitrobenzene-d5	7.40	82	1615670	157.85	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	376755	113.07	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2256754	111.32	ng	0.00
78) Terphenyl-d14	12.94	244	2075810	118.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	395789	105.651	ng	93
3) Pyridine	3.31	79	1145080	117.912	ng	96
4) n-Nitrosodimethylamine	3.30	42	543552	114.597	ng	# 93
6) Aniline	6.49	93	1199740	83.881	ng	# 91
8) 2-Chlorophenol	6.61	128	731975	74.103	ng	97
9) Benzaldehyde	6.37	77	628002	93.288	ng	96
10) Phenol	6.48	94	965072	78.910	ng	# 71
11) bis(2-Chloroethyl)ether	6.56	93	820739	89.468	ng	93
12) 1,3-Dichlorobenzene	6.76	146	842725	73.269	ng	99
13) 1,4-Dichlorobenzene	6.84	146	840035	70.543	ng	98
14) 1,2-Dichlorobenzene	6.99	146	714094	64.291	ng	98
15) Benzyl Alcohol	6.97	79	534938	62.970	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1244309	99.788	ng	87
17) 2-Methylphenol	7.09	107	687571	86.203	ng	# 89
18) Hexachloroethane	7.32	117	295178	77.155	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	549264	74.151	ng	93
20) 3+4-Methylphenols	7.24	107	639687	61.496	ng	# 68
22) Acetophenone	7.24	105	933899	63.312	ng	# 85
24) Nitrobenzene	7.42	77	841364	83.874	ng	98
25) Isophorone	7.65	82	1649750	94.364	ng	98
26) 2-Nitrophenol	7.73	139	415042	75.371	ng	99
27) 2,4-Dimethylphenol	7.76	122	635214	79.742	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	967294	82.321	ng	98
29) 2,4-Dichlorophenol	7.97	162	633245	73.031	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	642552	67.393	ng	98
31) Naphthalene	8.13	128	2041265	67.835	ng	99
32) Benzoic acid	7.95	122	527739	85.179	ng	93
33) 4-Chloroaniline	8.18	127	937502	77.538	ng	97
34) Hexachlorobutadiene	8.23	225	365878	62.567	ng	99
35) Caprolactam	8.59	113	175547	64.963	ng	# 84
36) 4-Chloro-3-methylphenol	8.67	107	672864	74.914	ng	99
37) 2-Methylnaphthalene	8.82	142	1311244	64.130	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	620994	61.631	ng	97
40) Hexachlorocyclopentadiene	8.96	237	163612	54.800	ng	95

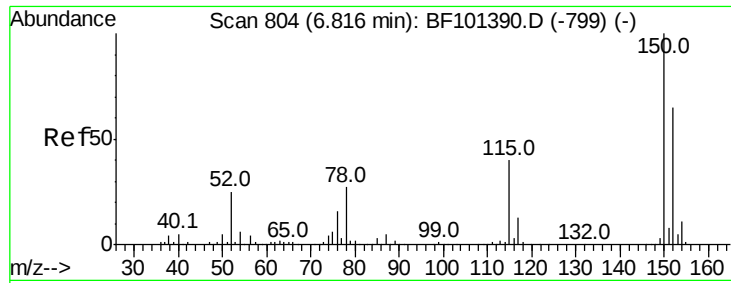
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101393.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 13:19:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	413420	69.992	ng	100
43) 2,4,5-Trichlorophenol	9.15	196	443120	70.173	ng	96
45) 1,1'-Biphenyl	9.29	154	1582724	62.282	ng	99
46) 2-Chloronaphthalene	9.31	162	1245911	69.036	ng	99
47) 2-Nitroaniline	9.42	65	496053	92.903	ng	88
48) Acenaphthylene	9.73	152	1865498	62.899	ng	99
49) Dimethylphthalate	9.59	163	1554876	69.511	ng	99
50) 2,6-Dinitrotoluene	9.66	165	325886	69.170	ng	91
51) Acenaphthene	9.90	154	1171149	65.945	ng	99
52) 3-Nitroaniline	9.83	138	424597	80.139	ng	96
53) 2,4-Dinitrophenol	9.95	184	130836	60.906	ng	# 18
54) Dibenzofuran	10.07	168	1464565	57.226	ng	97
55) 4-Nitrophenol	10.00	139	214896	60.142	ng	92
56) 2,4-Dinitrotoluene	10.07	165	355868	56.361	ng	# 87
57) Fluorene	10.42	166	1257699	60.452	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	336199	66.494	ng	91
59) Diethylphthalate	10.29	149	1451814	65.803	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	603911	58.791	ng	96
61) 4-Nitroaniline	10.46	138	428586	77.927	ng	95
62) Azobenzene	10.56	77	1494389	79.812	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	245309	69.911	ng	90
65) n-Nitrosodiphenylamine	10.53	169	1276131	69.145	ng	97
66) 4-Bromophenyl-phenylether	10.89	248	402451	68.728	ng	# 88
67) Hexachlorobenzene	10.97	284	421052	67.091	ng	# 87
68) Atrazine	11.06	200	395967	69.943	ng	97
69) Pentachlorophenol	11.16	266	191851	55.597	ng	97
70) Phenanthrene	11.38	178	1872139	64.984	ng	99
71) Anthracene	11.43	178	1904906	65.332	ng	99
72) Carbazole	11.59	167	1789126	67.158	ng	99
73) Di-n-butylphthalate	11.90	149	2204539	66.021	ng	100
74) Fluoranthene	12.57	202	1930812	60.461	ng	97
76) Benzidine	12.70	184	1292948	103.923	ng	# 90
77) Pyrene	12.80	202	2026287	76.752	ng	99
79) Butylbenzylphthalate	13.40	149	963171	82.749	ng	96
80) Benzo(a)anthracene	14.00	228	1812643	75.037	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	493979	59.046	ng	96
82) Chrysene	14.03	228	1631993	72.744	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	1040485	62.694	ng	# 99
84) Di-n-octyl phthalate	14.57	149	2072957	75.017	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	1478008	74.103	ng	96
87) Benzo(b)fluoranthene	15.05	252	1643377	76.902	ng	98
88) Benzo(k)fluoranthene	15.08	252	1434867	68.152	ng	99
89) Benzo(a)pyrene	15.42	252	1443493	74.301	ng	98
90) Dibenzo(a,h)anthracene	16.98	278	1212123	70.771	ng	97
91) Benzo(g,h,i)perylene	17.42	276	1275928	79.049	ng	94

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

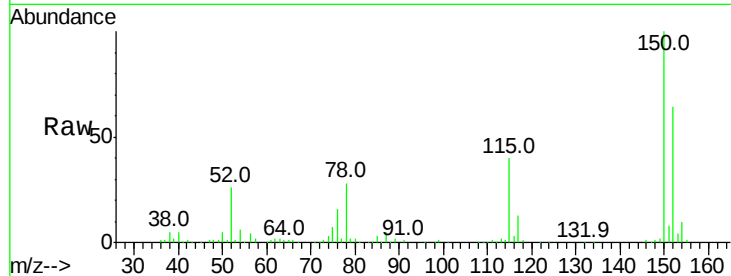


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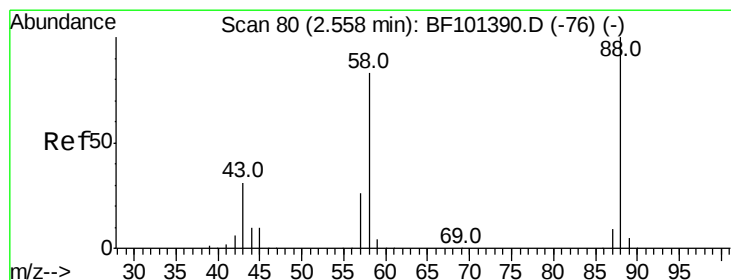
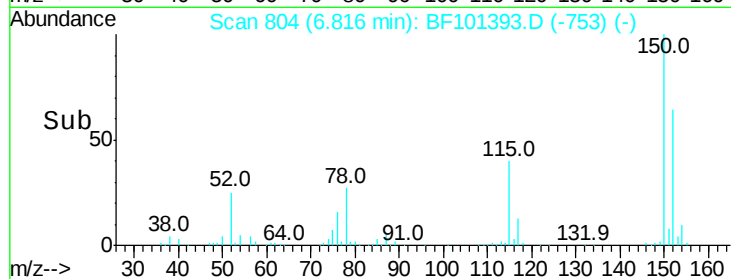
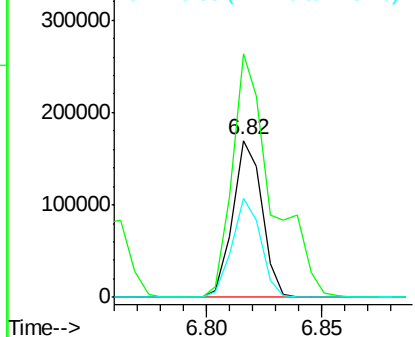
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149701
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 62.8 50.1 75.1



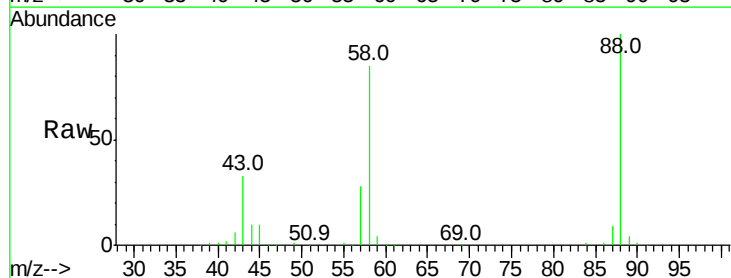
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



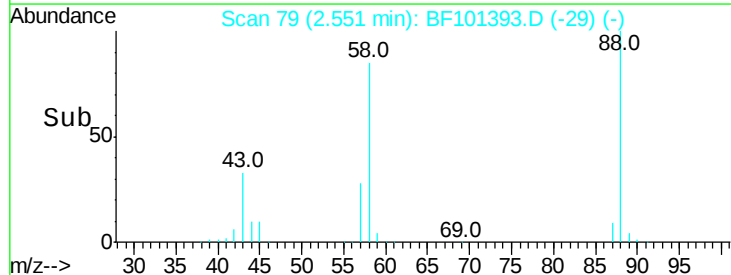
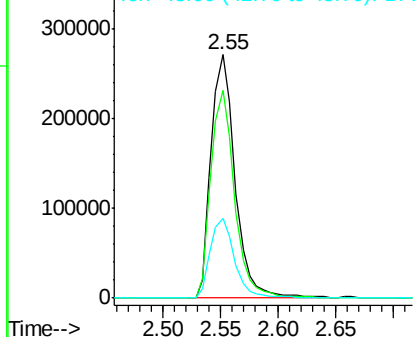
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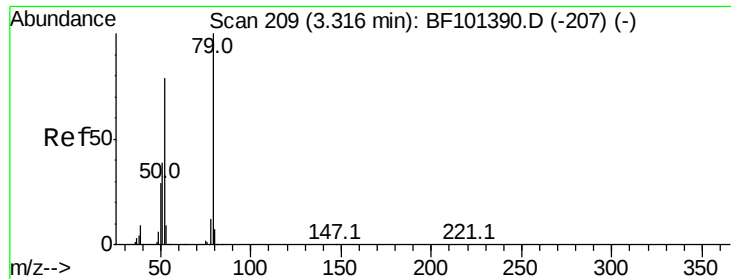
1,4-Dioxane
Concen: 105.651 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion: 88 Resp: 395789
Ion Ratio Lower Upper
88 100
58 84.7 62.6 93.8
43 33.6 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: 117.912 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

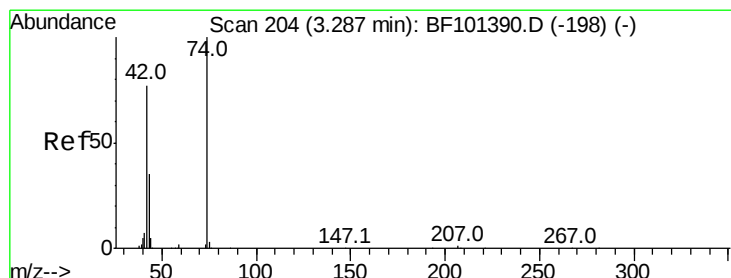
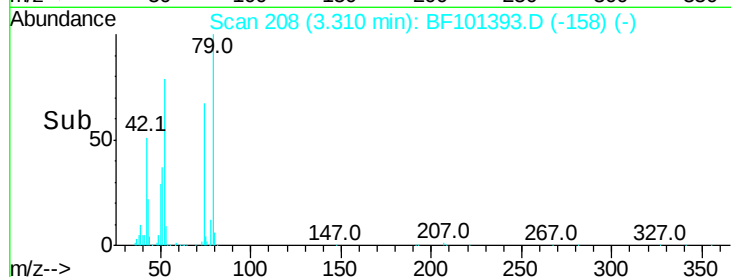
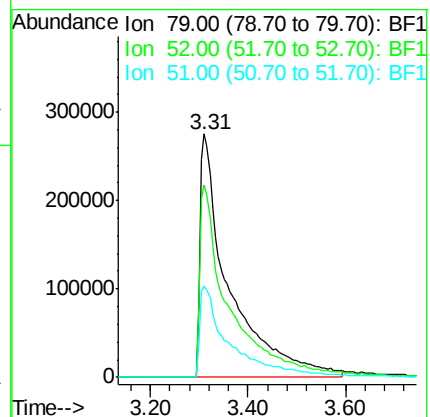
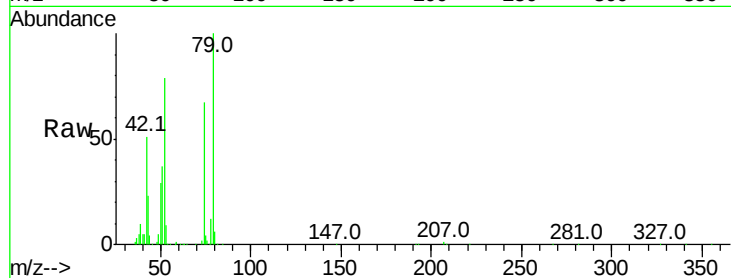
Tot Ion: 79 Resp: 1145080

Ion Ratio Lower Upper

79 100

52 79.1 59.8 89.6

51 37.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 114.597 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.02 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

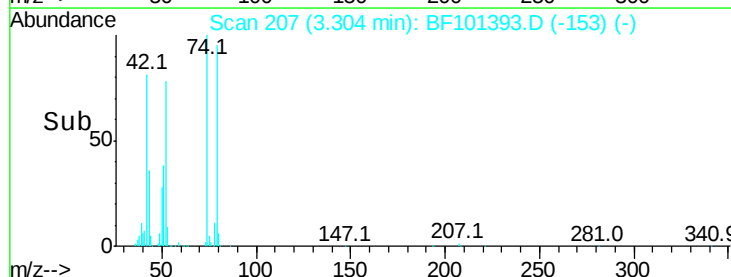
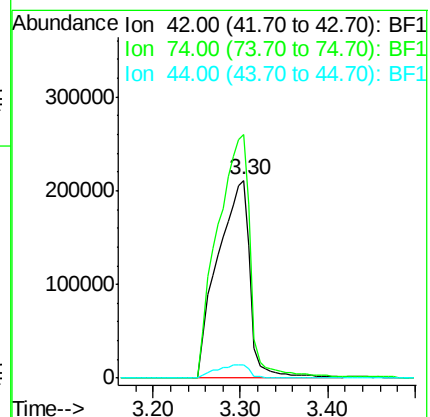
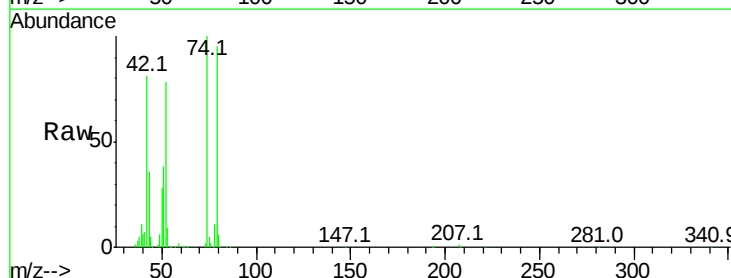
Tgt Ion: 42 Resp: 543552

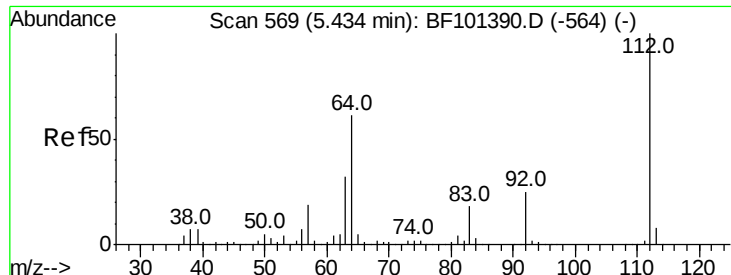
Ion Ratio Lower Upper

42 100

74 123.2 104.9 157.3

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 154.210 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampled :

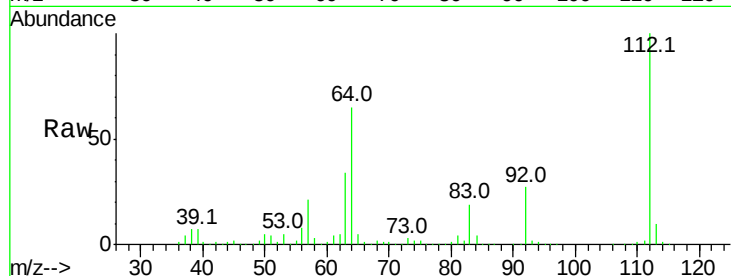
Tot Ion:112 Resp: 1397047

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

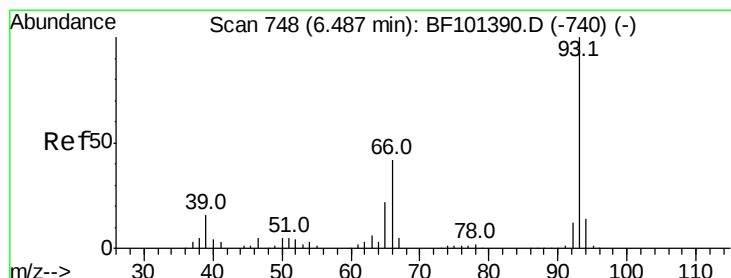
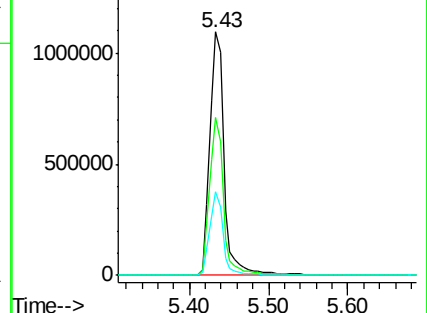
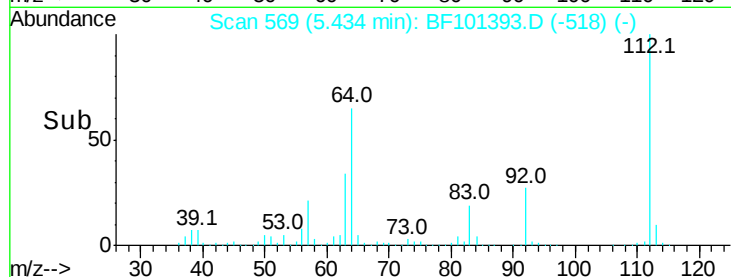
63 34.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 83.881 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

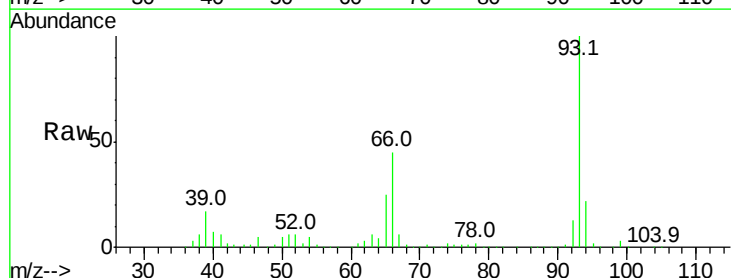
Tgt Ion: 93 Resp: 1199740

Ion Ratio Lower Upper

93 100

66 45.4 32.2 48.2

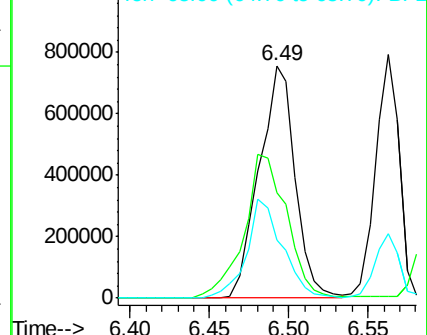
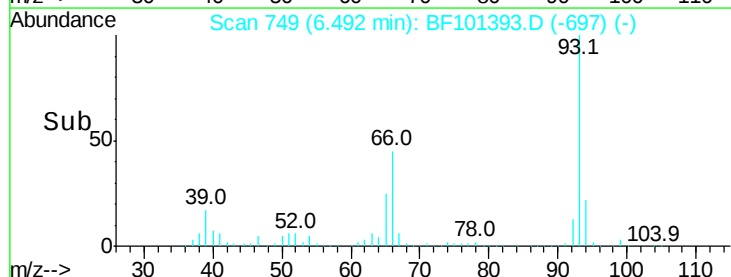
65 24.7 16.4 24.6#

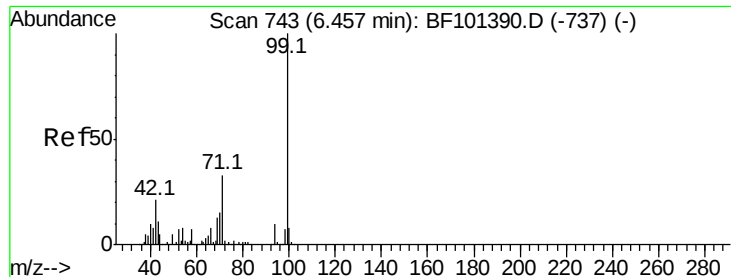


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 154.105 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

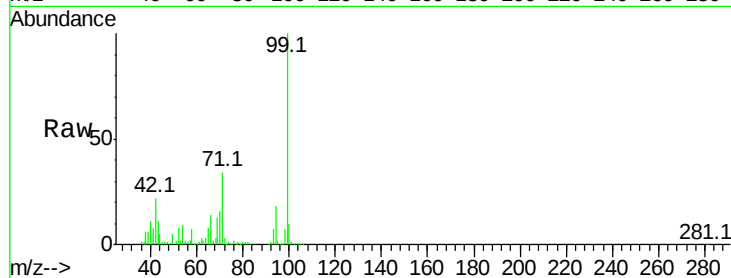
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1694992

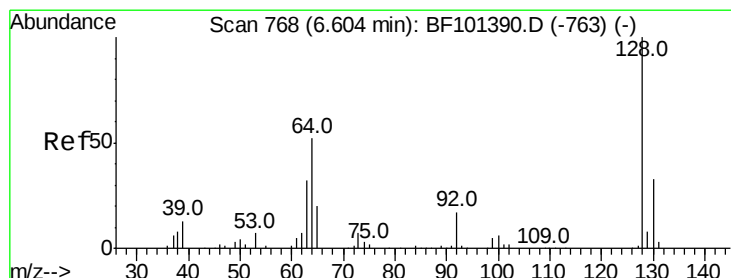
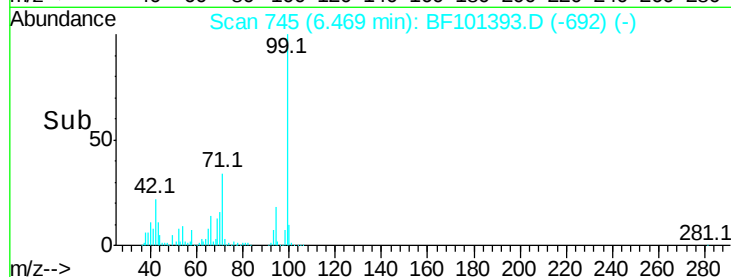
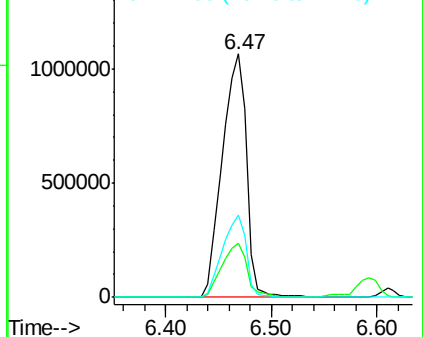
Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	33.6	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 74.103 ng

RT: 6.61 min Scan# 769

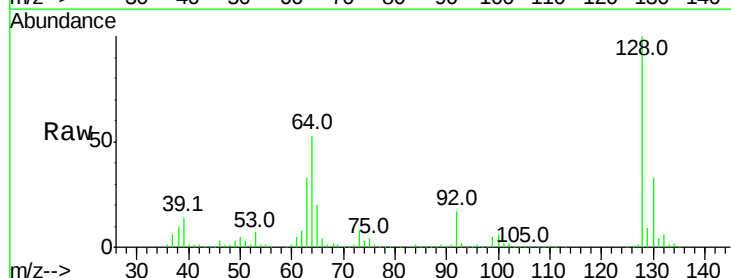
Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion: 128 Resp: 731975

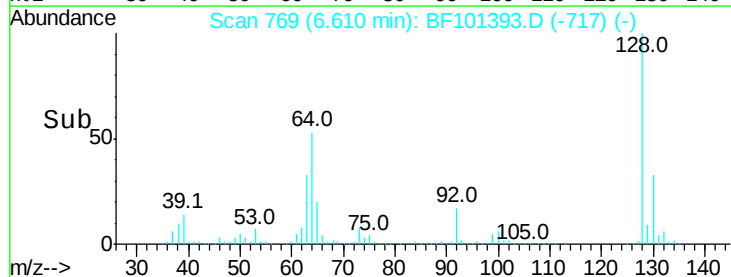
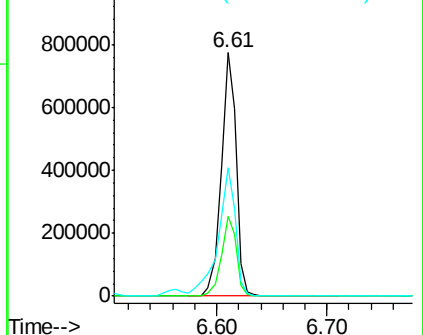
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	52.9	29.4	69.4

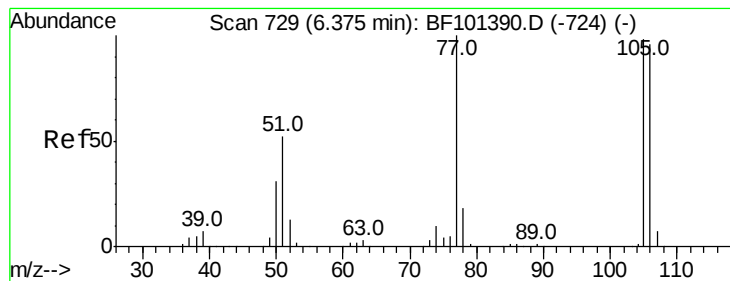


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 93.288 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampled :

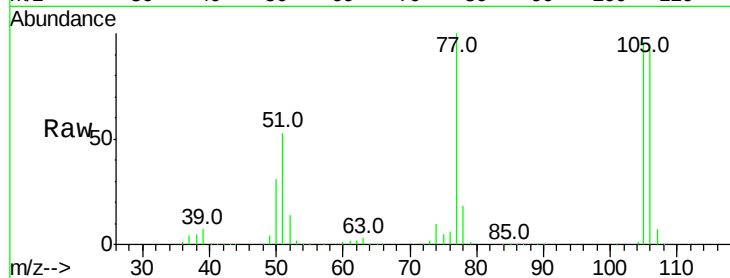
Tot Ion: 77 Resp: 628002

Ion Ratio Lower Upper

77 100

105 96.3 81.1 121.1

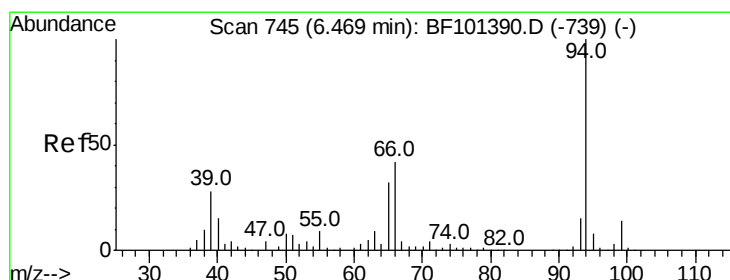
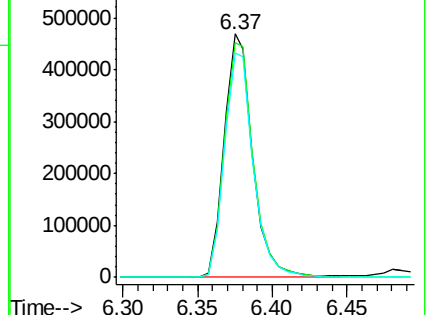
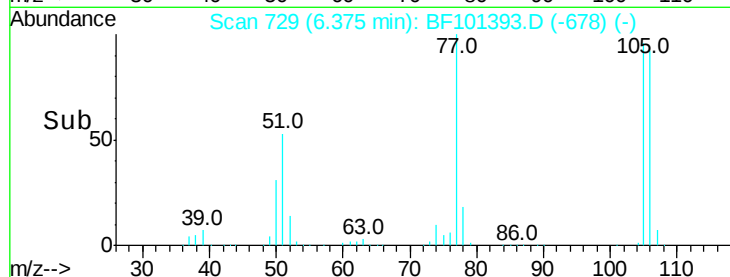
106 92.3 74.5 114.5



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: 78.910 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

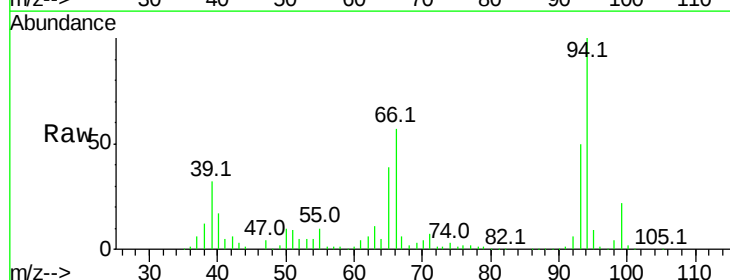
Tgt Ion: 94 Resp: 965072

Ion Ratio Lower Upper

94 100

65 39.2 7.9 47.9

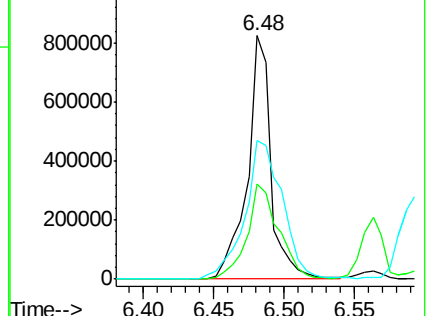
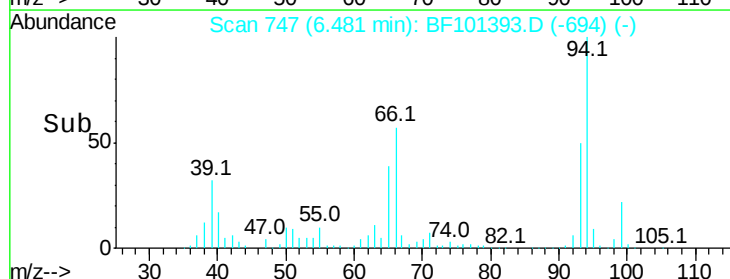
66 56.9 16.2 56.2#

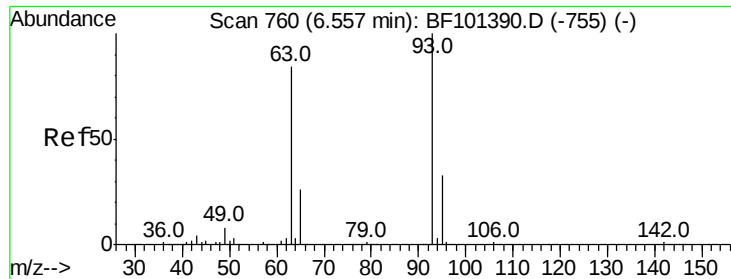


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

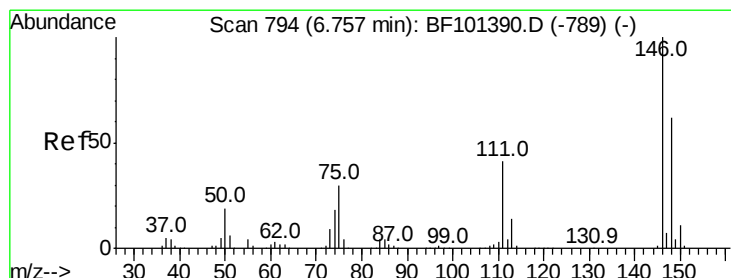
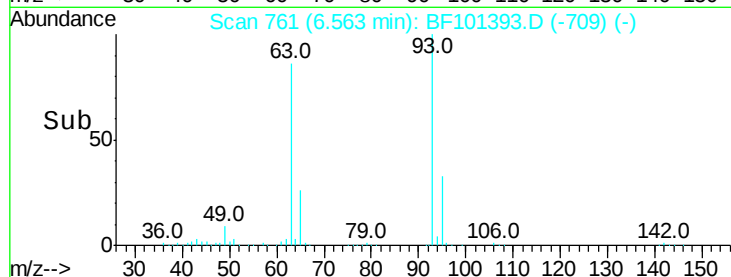
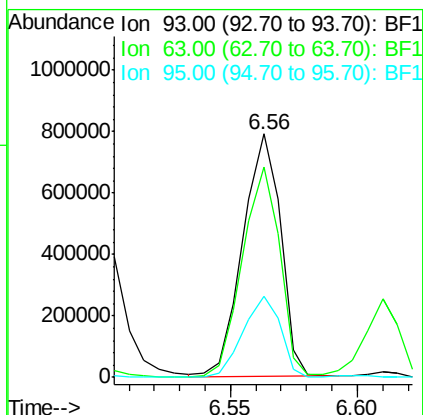
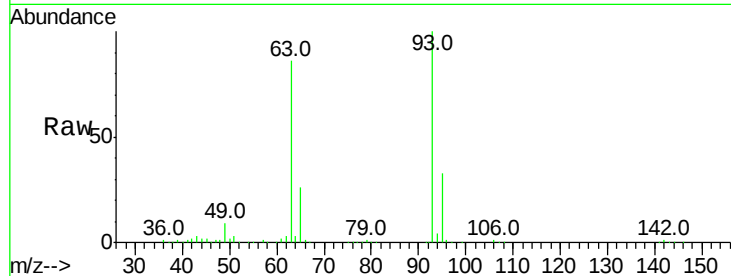




#11
bis(2-Chloroethyl)ether
Concen: 89.468 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

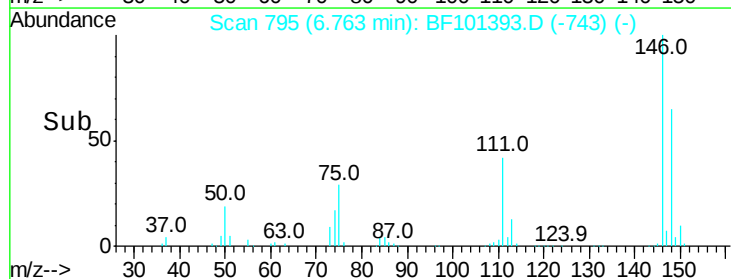
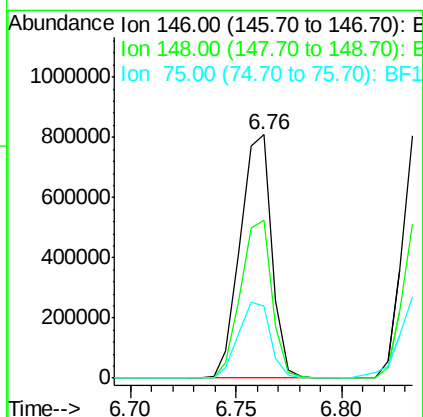
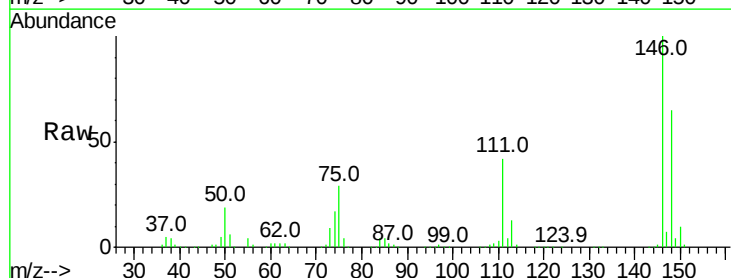
Instrument :
BNA_F
ClientSampled :

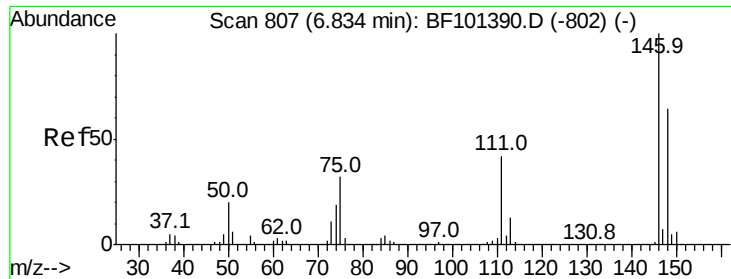
Tot Ion: 93 Resp: 820739
Ion Ratio Lower Upper
93 100
63 86.4 58.6 98.6
95 33.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 73.269 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion: 146 Resp: 842725
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.5 24.2 36.4

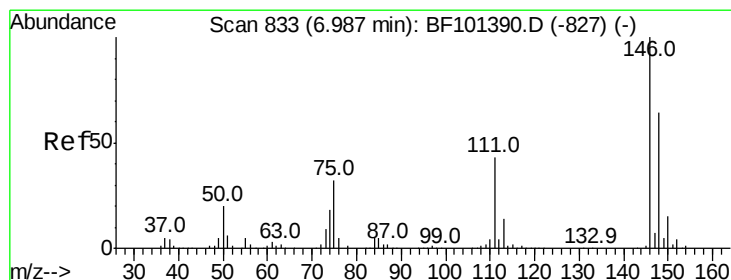
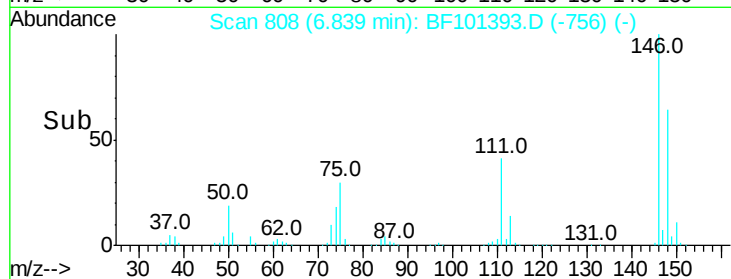
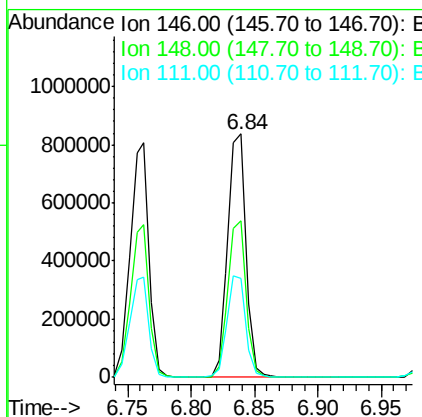
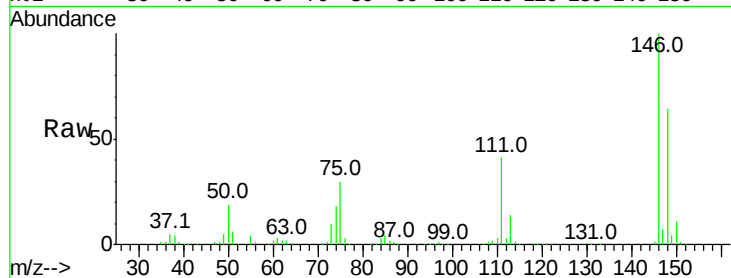




#13
 1,4-Dichlorobenzene
 Concen: 70.543 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

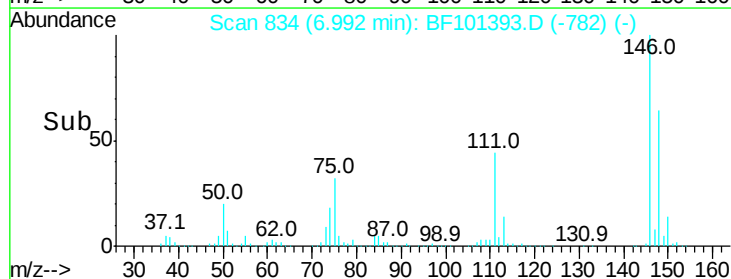
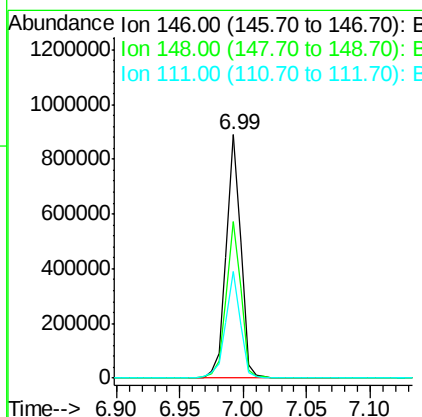
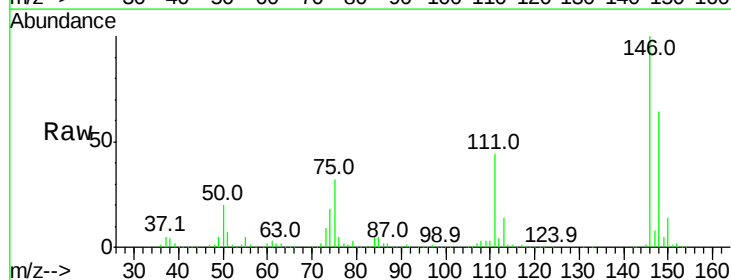
Instrument :
 BNA_F
 ClientSampled :

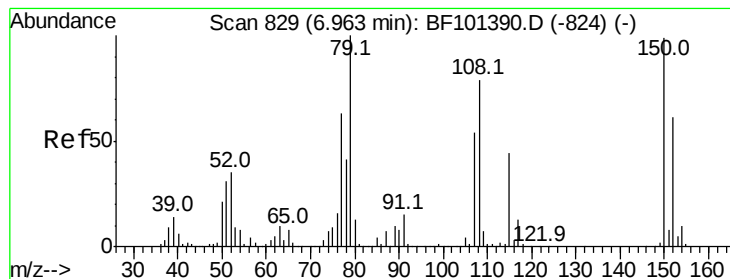
Tot Ion:146 Resp: 840035
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 64.291 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion:146 Resp: 714094
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 43.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 62.970 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

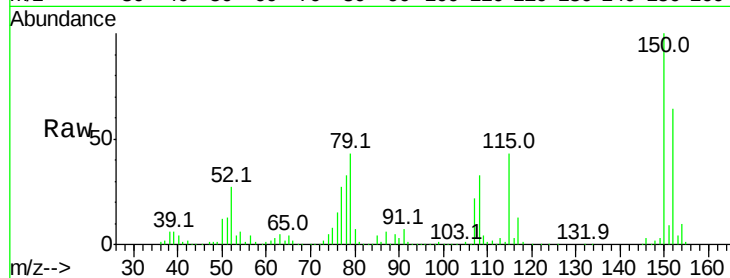
Tot Ion: 79 Resp: 534938

Ion Ratio Lower Upper

79 100

108 76.5 65.1 97.7

77 63.1 50.6 75.8

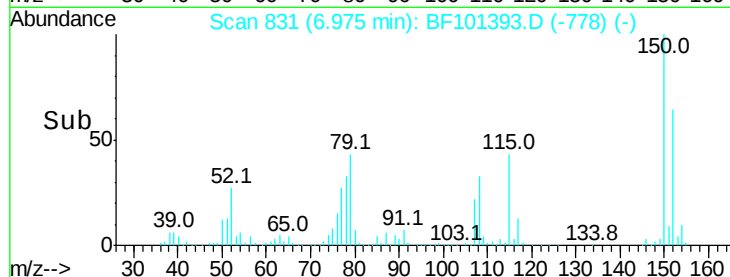


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

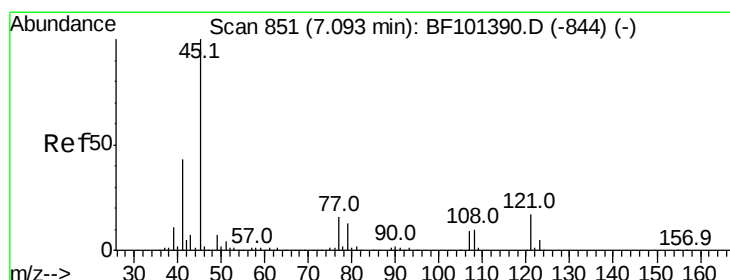
Ion 77.00 (76.70 to 77.70): BF1

Time-->



6.97

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 99.788 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

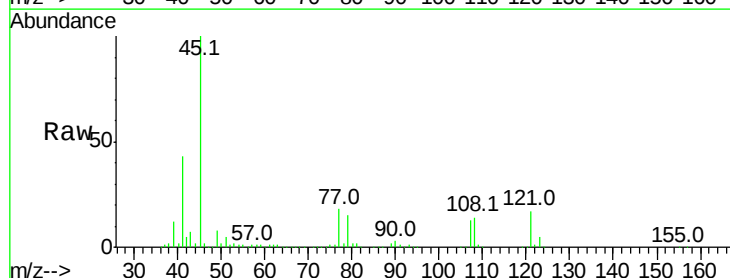
Tgt Ion: 45 Resp: 1244309

Ion Ratio Lower Upper

45 100

77 17.6 0.0 32.9

79 14.7 0.0 29.6

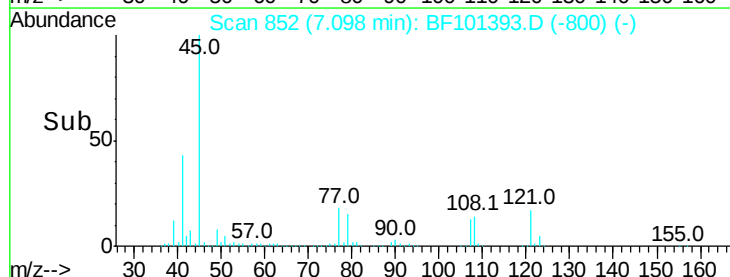


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

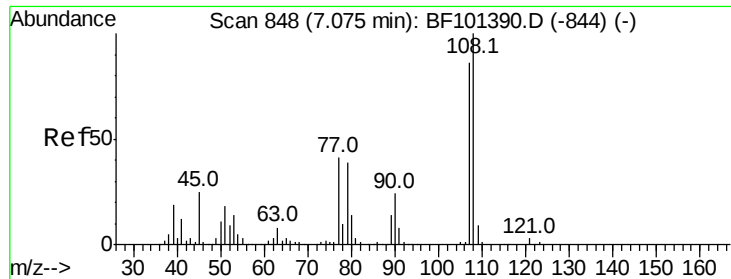
Ion 79.00 (78.70 to 79.70): BF1

Time-->



7.10

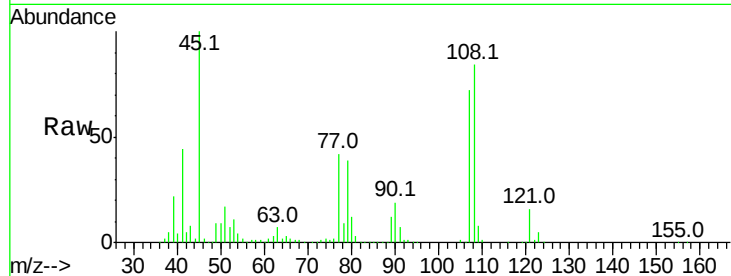
Time-->



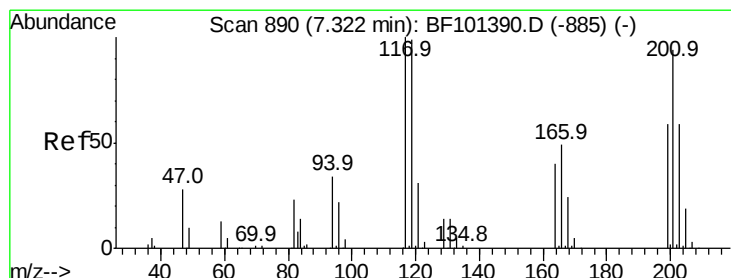
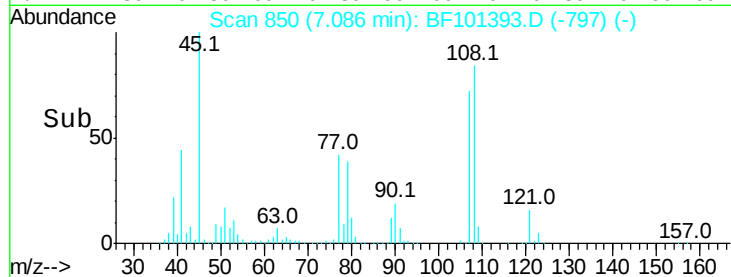
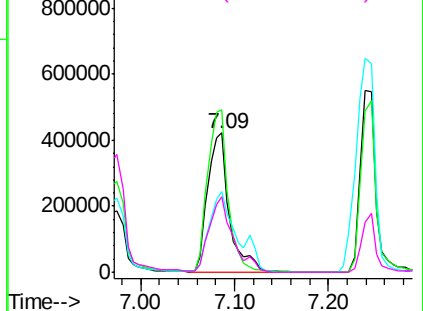
#17
2-Methylphenol
Concen: 86.203 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 687571
Ion Ratio Lower Upper
107 100
108 117.3 91.7 137.5
77 58.2 33.8 50.8#
79 54.7 33.8 50.8#

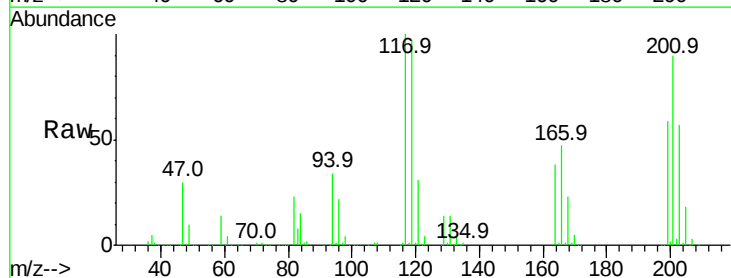


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

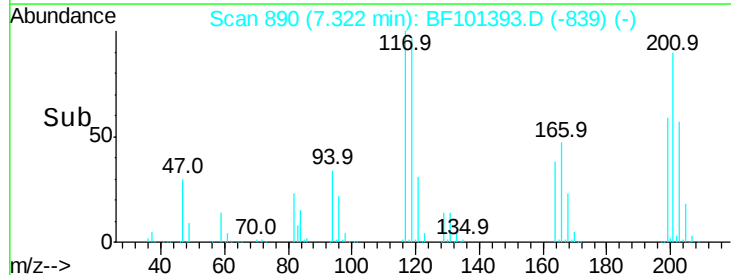
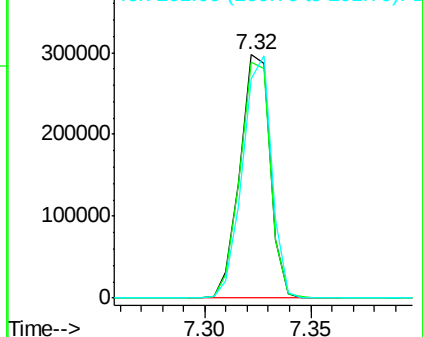


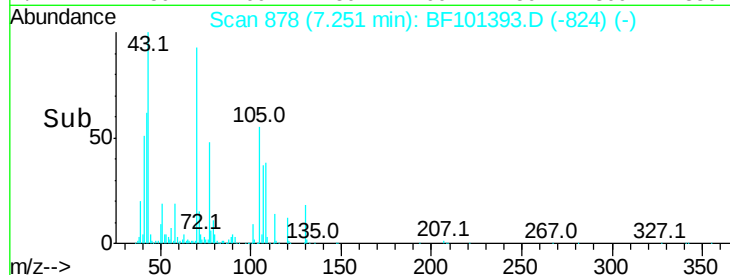
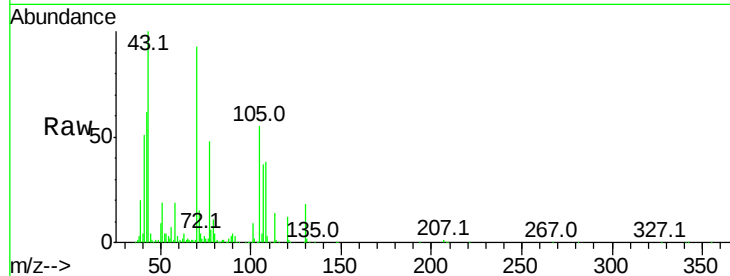
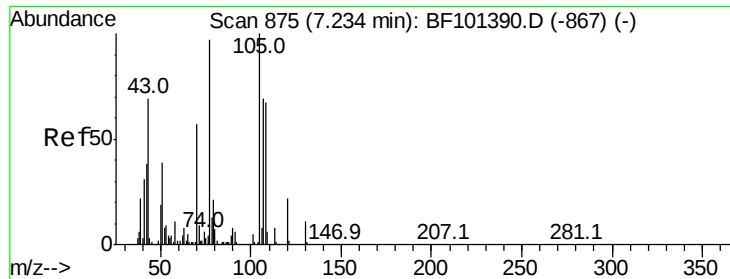
#18
Hexachloroethane
Concen: 77.155 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:117 Resp: 295178
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
201 90.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0

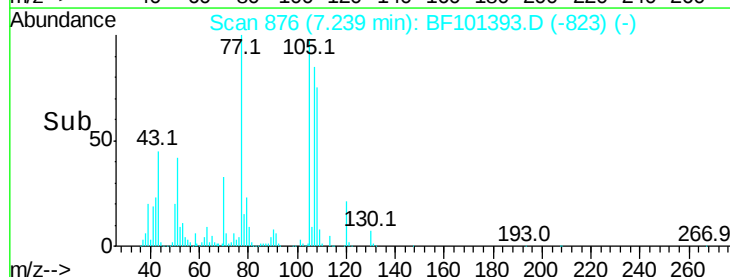
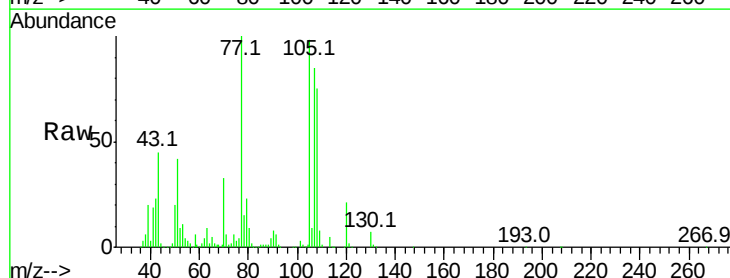
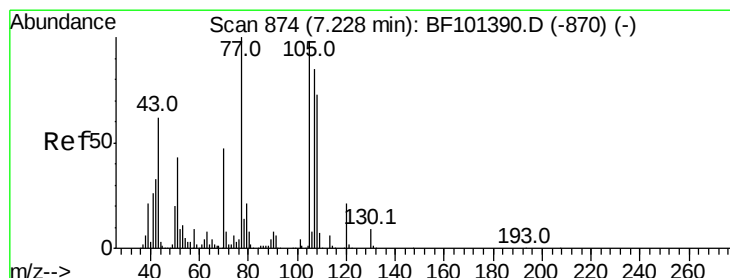
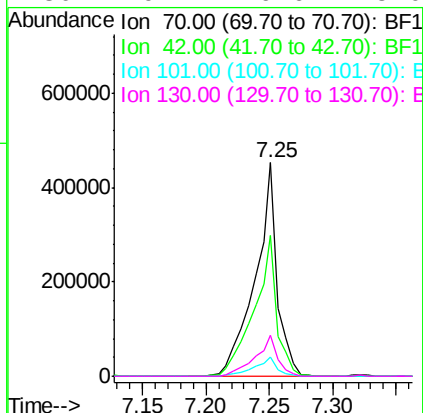




#19
n-Nitroso-di-n-propylamine
Concen: 74.151 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

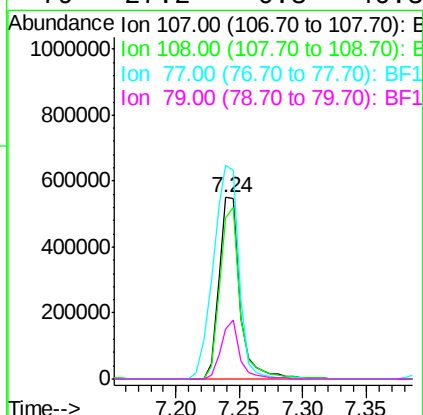
Instrument :
BNA_F
ClientSampleId :

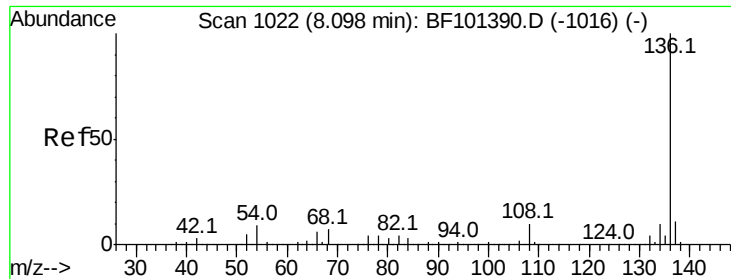
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	47.5	71.3
101	9.1	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 61.496 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	117.9	26.7	66.7#
79	27.2	6.3	46.3

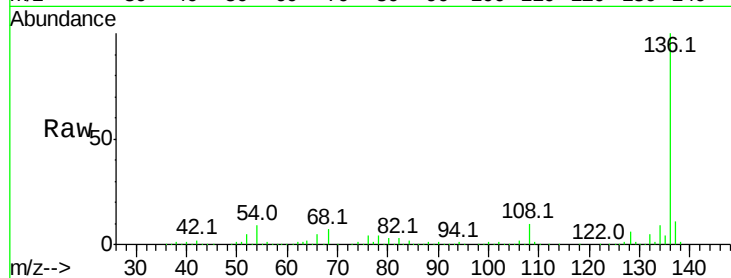




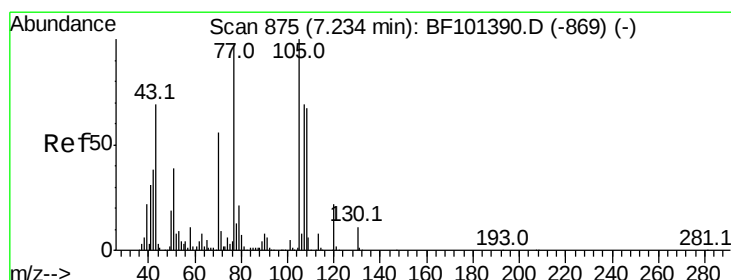
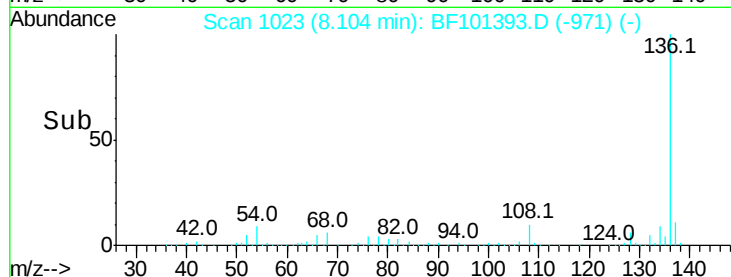
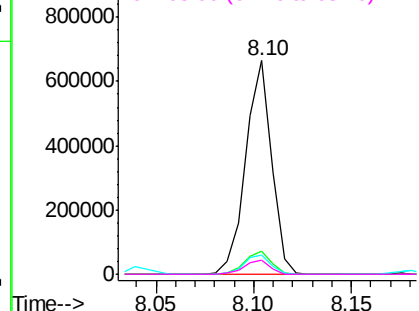
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	610560
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.2	6.6 9.8
68	6.7	5.0 7.4

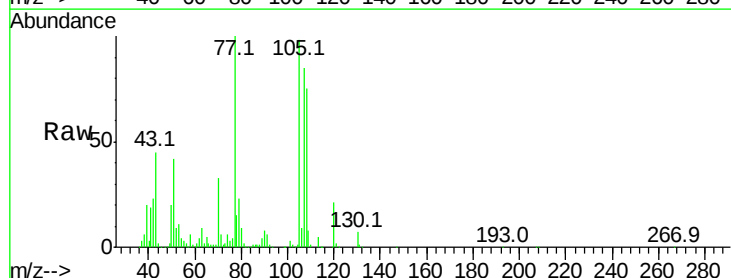


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

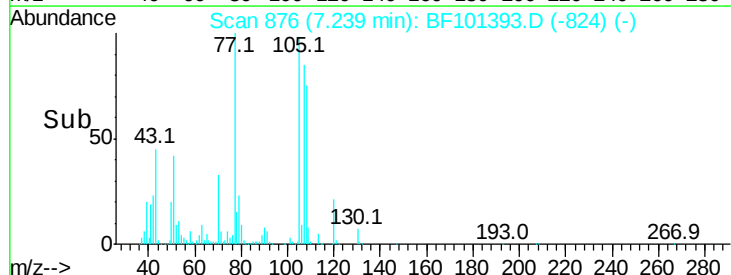
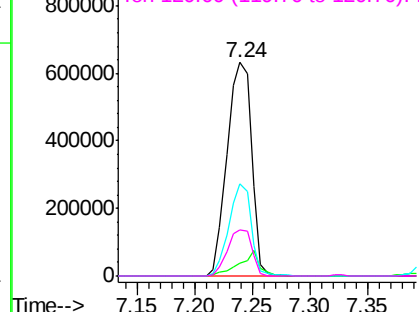


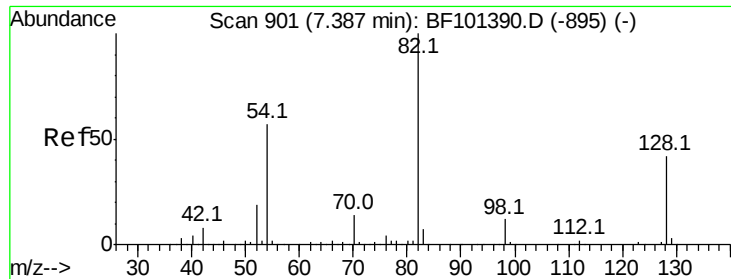
#22
Acetophenone
Concen: 63.312 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:105	Resp:	933899
Ion Ratio	Lower	Upper
105	100	
71	5.8	4.4 6.6
51	43.0	22.3 33.5#
120	21.4	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

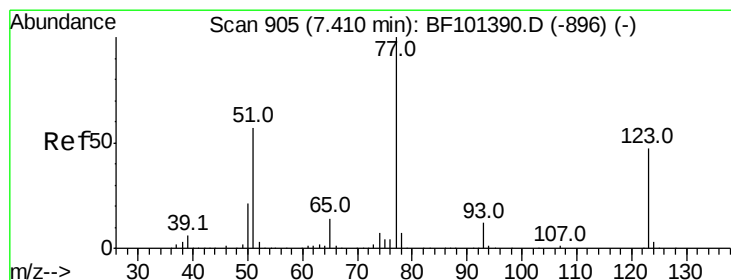
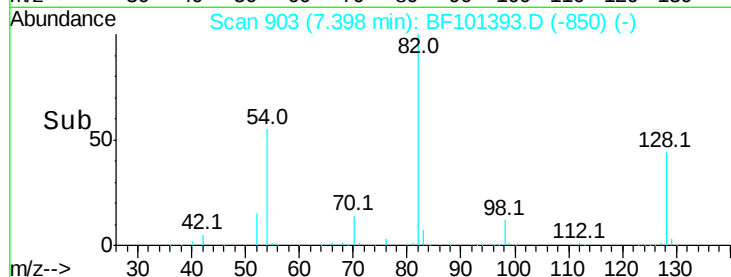
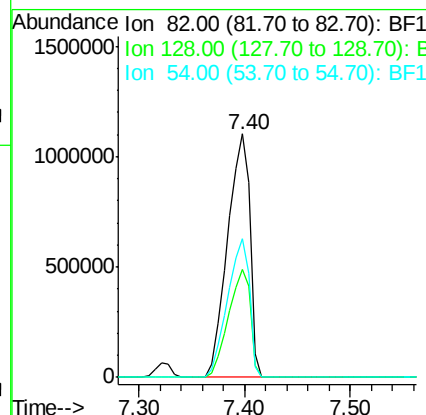
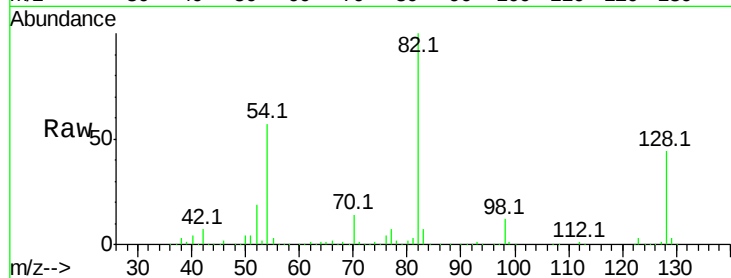




#23
 Nitrobenzene-d5
 Concen: 157.855 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

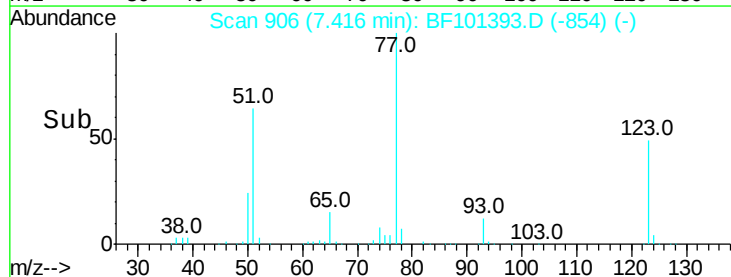
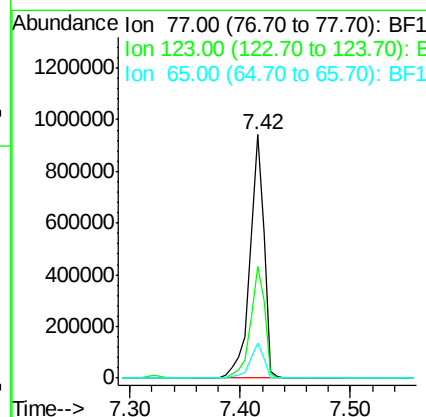
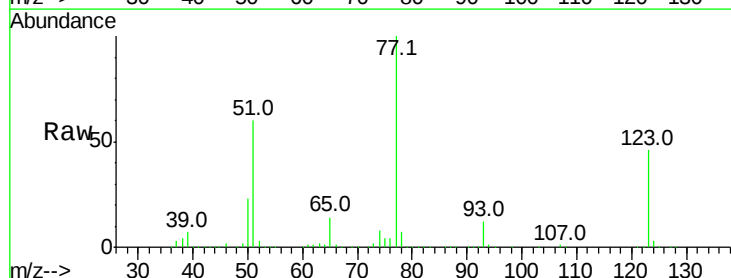
Instrument :
 BNA_F
 ClientSampleId :

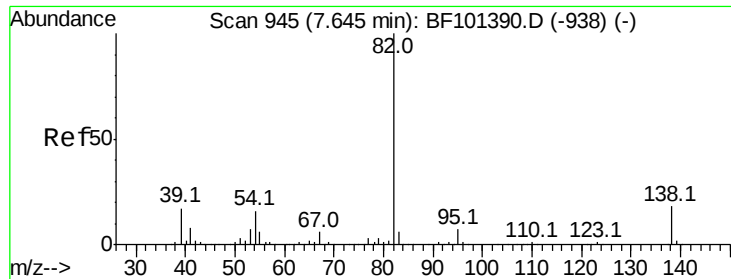
Tot Ion: 82 Resp: 1615670
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 56.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 83.874 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion: 77 Resp: 841364
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.9 56.9
 65 14.5 11.0 16.4





#25

Isophorone

Concen: 94.364 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

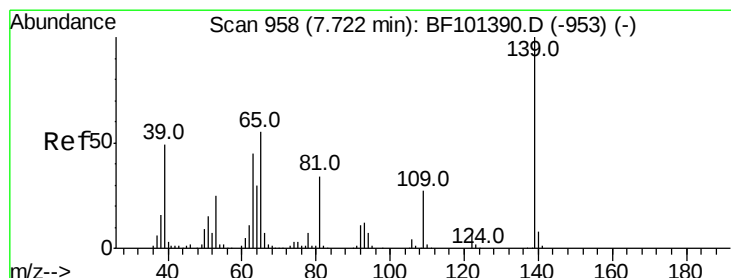
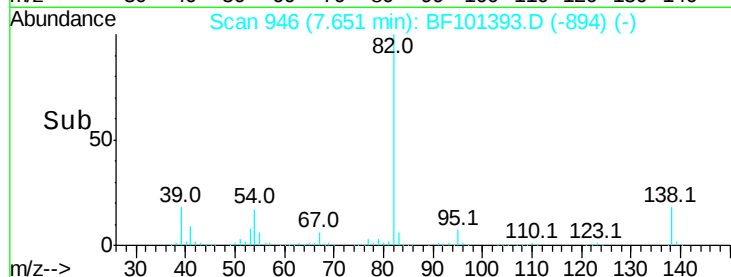
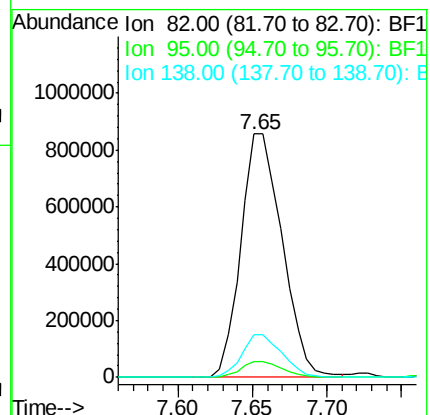
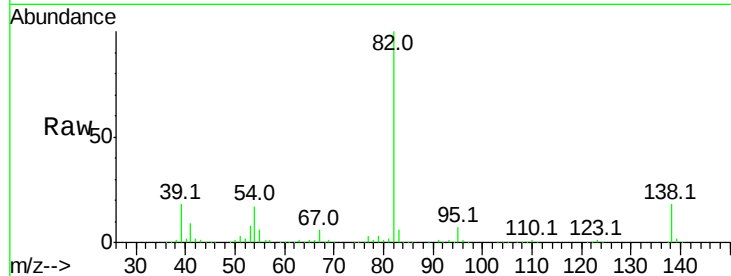
Tot Ion: 82 Resp: 1649750

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 75.371 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

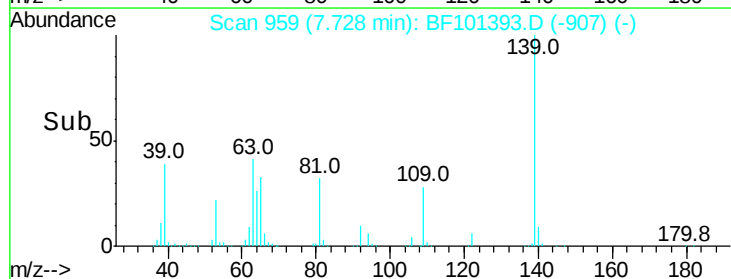
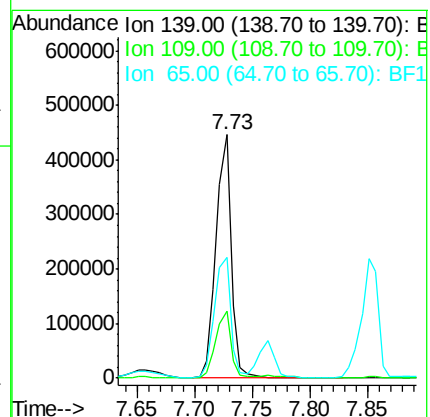
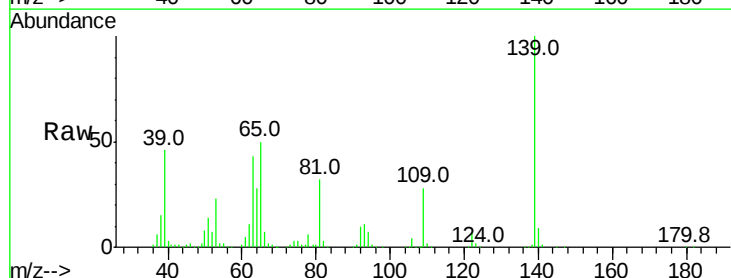
Tgt Ion: 139 Resp: 415042

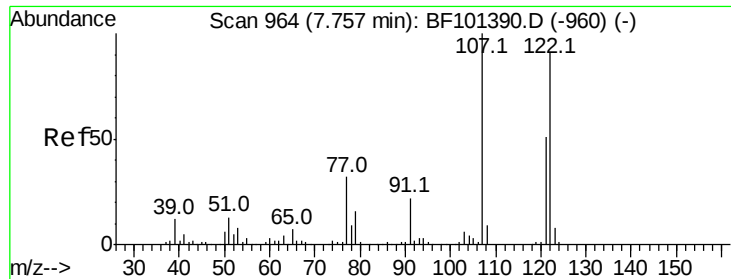
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 49.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 79.742 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampled :

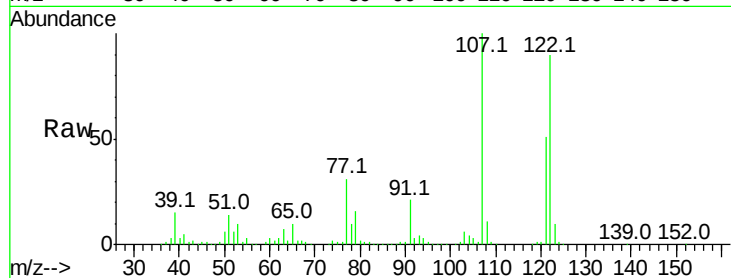
Tot Ion:122 Resp: 635214

Ion Ratio Lower Upper

122 100

107 110.5 91.2 136.8

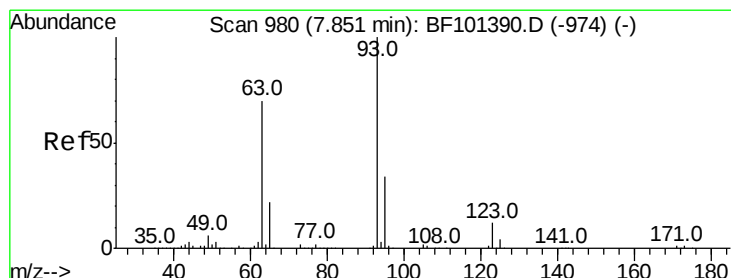
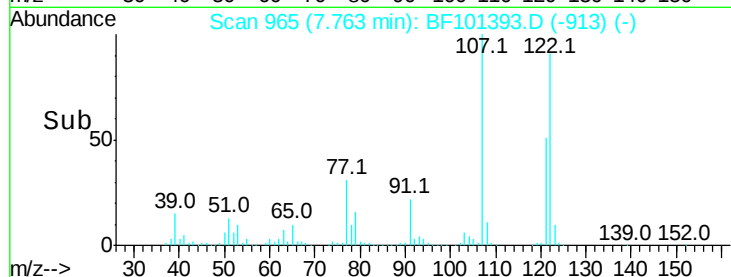
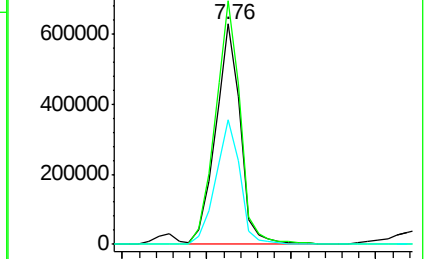
121 56.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 82.321 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

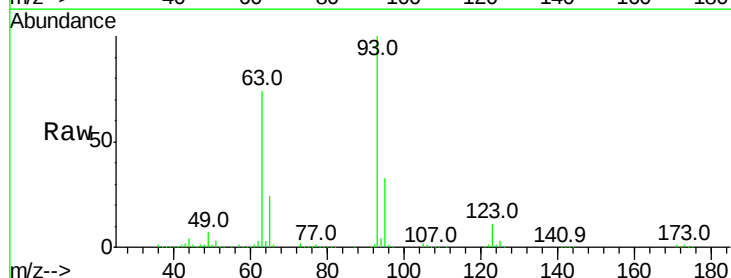
Tgt Ion: 93 Resp: 967294

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

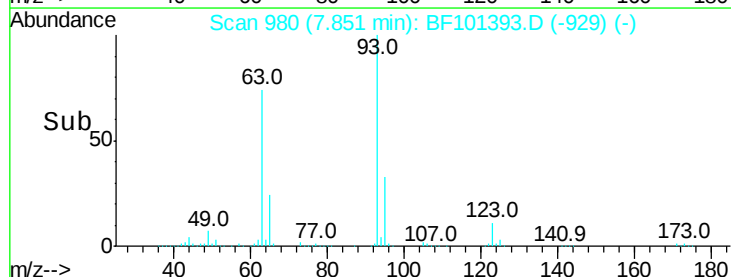
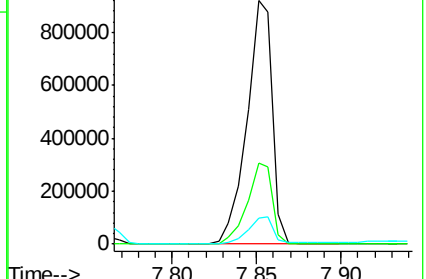
123 10.7 9.8 14.6

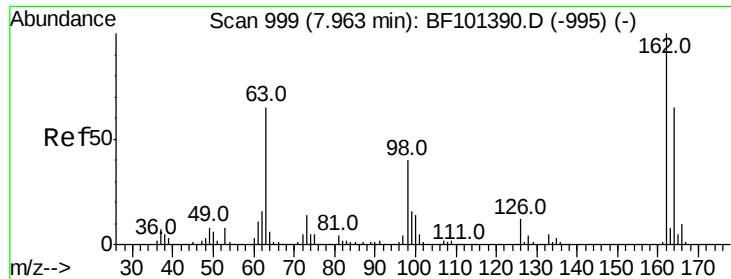


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

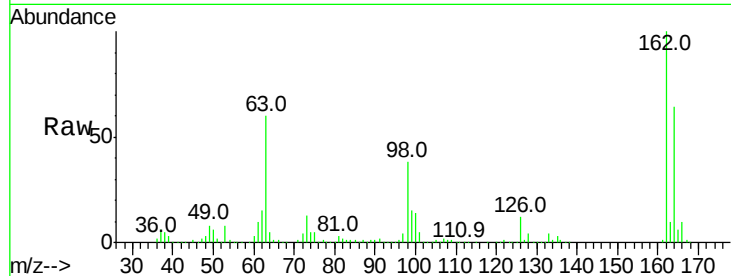




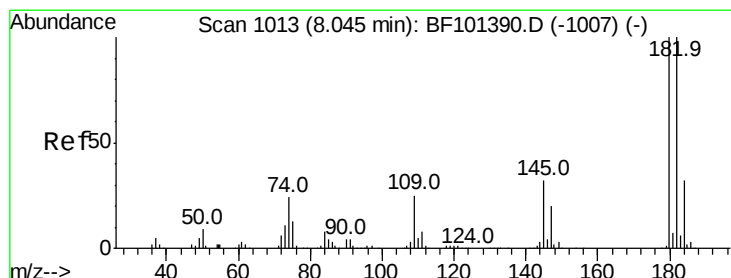
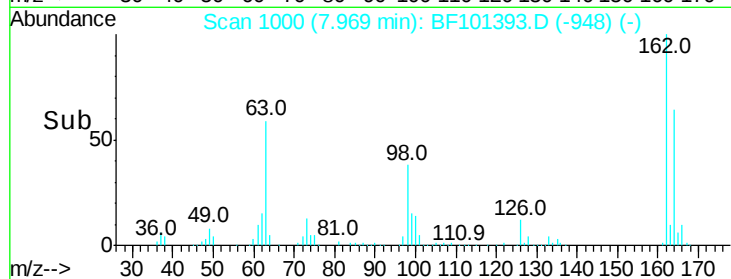
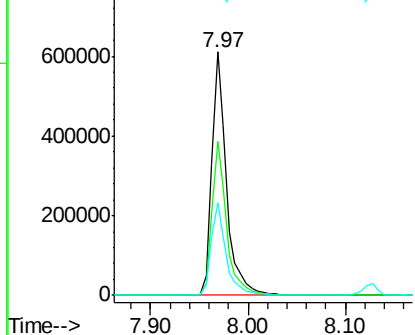
#29
2,4-Dichlorophenol
Concen: 73.031 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 633245
Ion Ratio Lower Upper
162 100
164 63.5 42.7 82.7
98 38.2 18.1 58.1

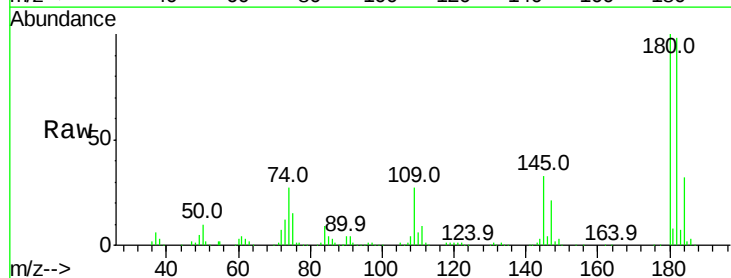


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

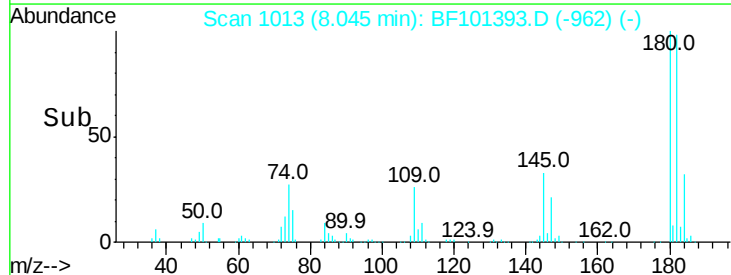
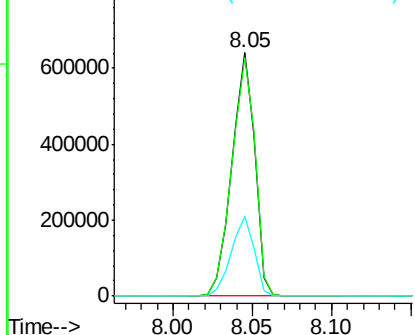


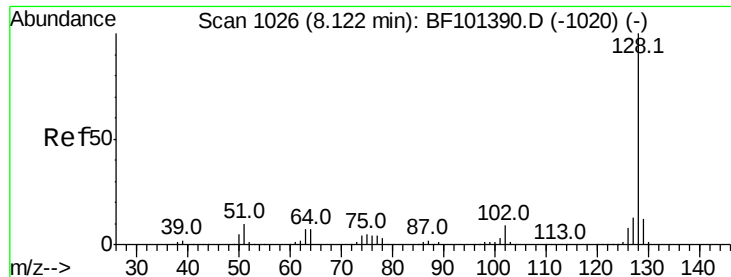
#30
1,2,4-Trichlorobenzene
Concen: 67.393 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:180 Resp: 642552
Ion Ratio Lower Upper
180 100
182 98.0 76.8 115.2
145 33.0 26.5 39.7



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

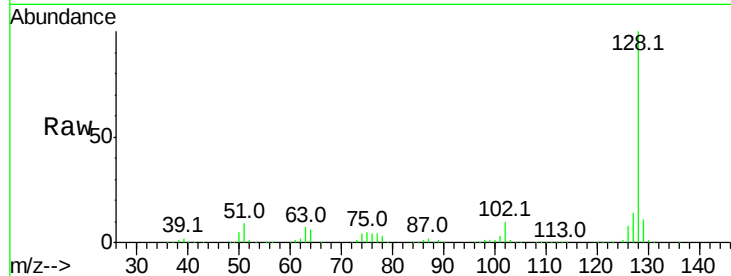




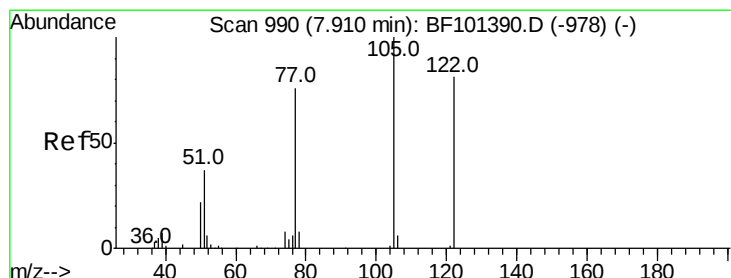
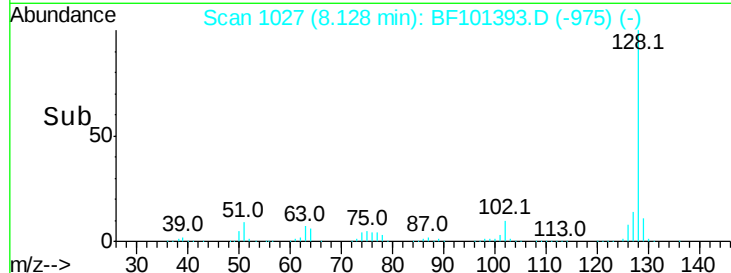
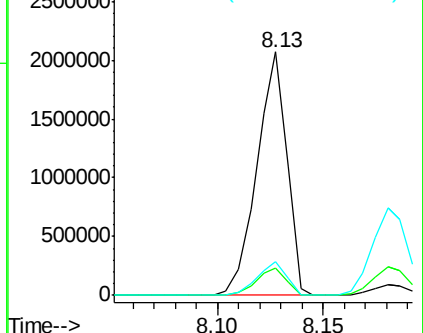
#31
Naphthalene
Concen: 67.835 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2041265
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3

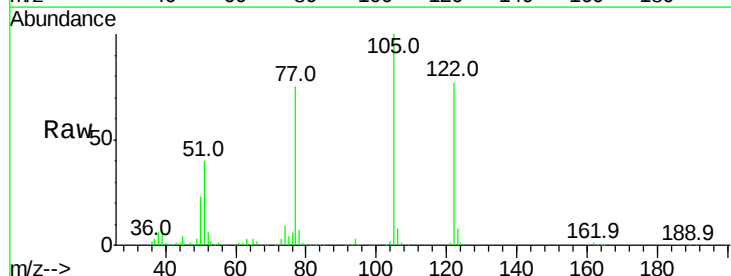


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

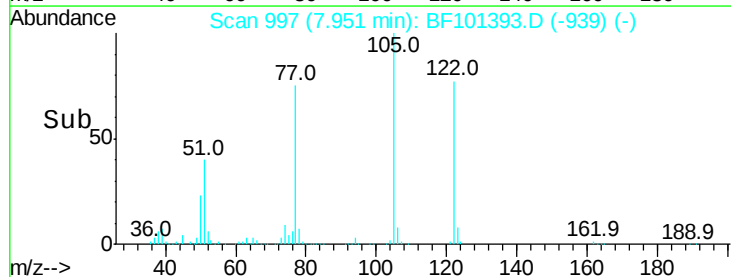
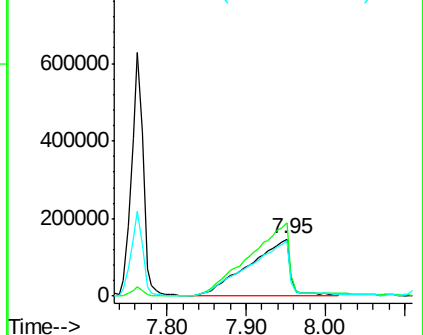


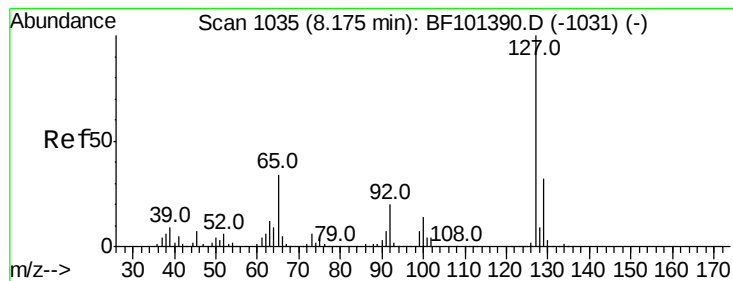
#32
Benzoic acid
Concen: 85.179 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.04 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:122 Resp: 527739
Ion Ratio Lower Upper
122 100
105 129.3 101.1 141.1
77 97.4 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: 77.538 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 937502

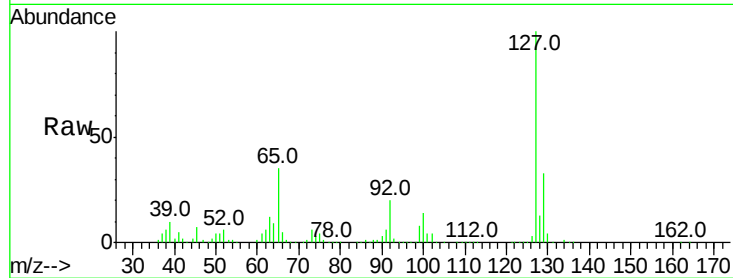
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 34.5 25.0 37.4

92 19.9 15.2 22.8

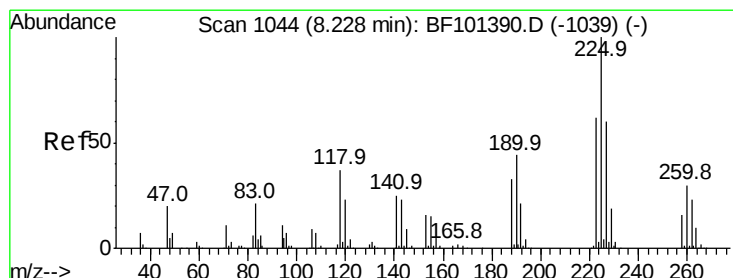
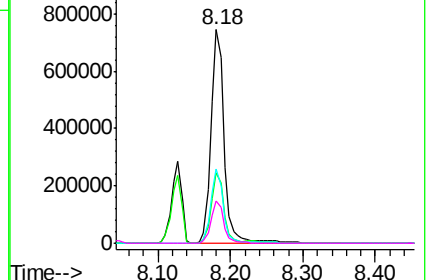
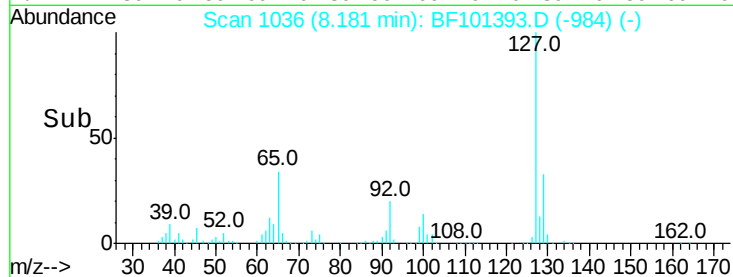


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 62.567 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

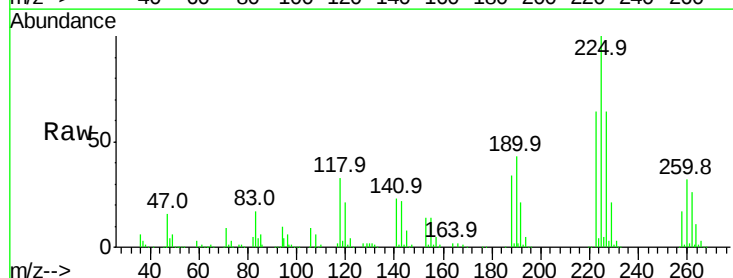
Tgt Ion:225 Resp: 365878

Ion Ratio Lower Upper

225 100

223 64.0 50.6 76.0

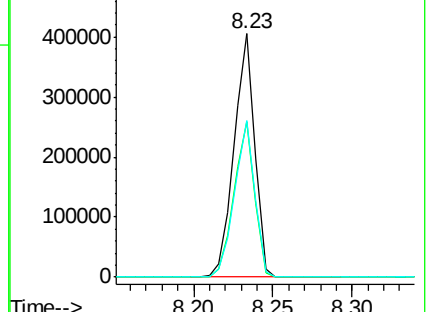
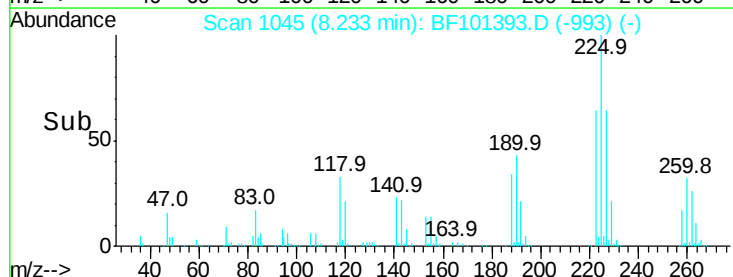
227 64.2 51.9 77.9

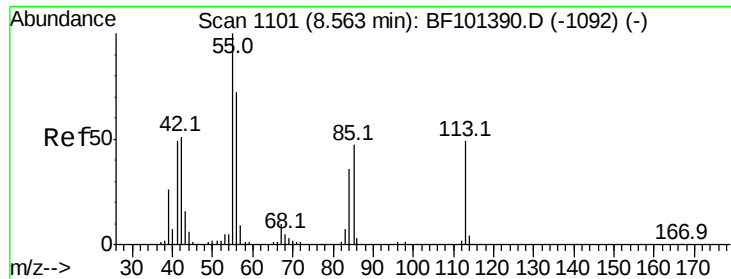


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

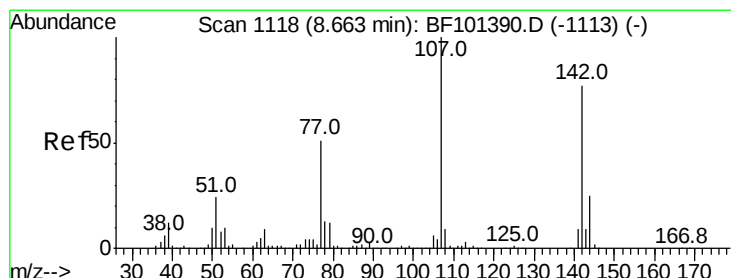
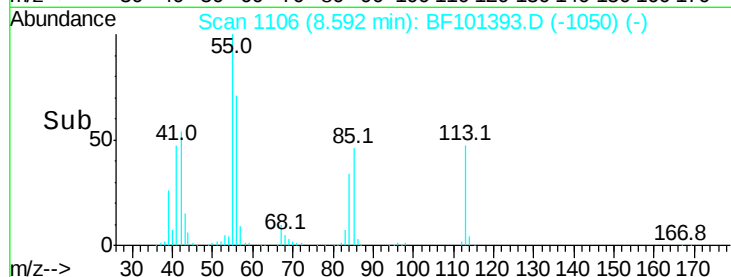
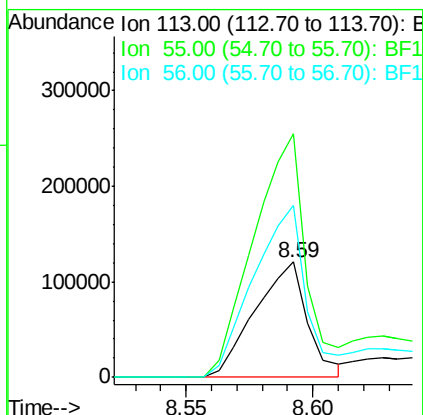
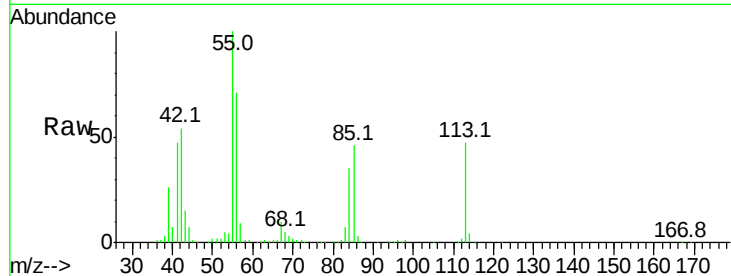




#35
Caprolactam
Concen: 64.963 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.03 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

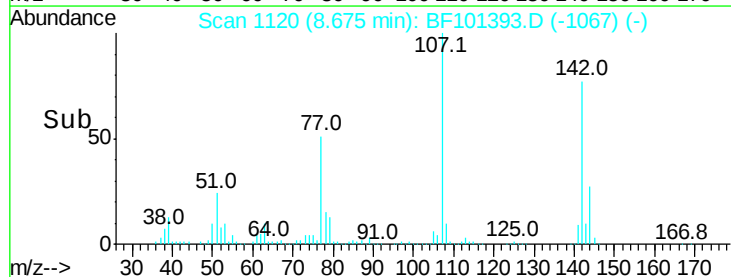
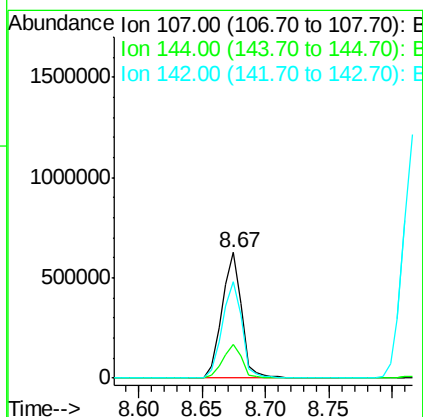
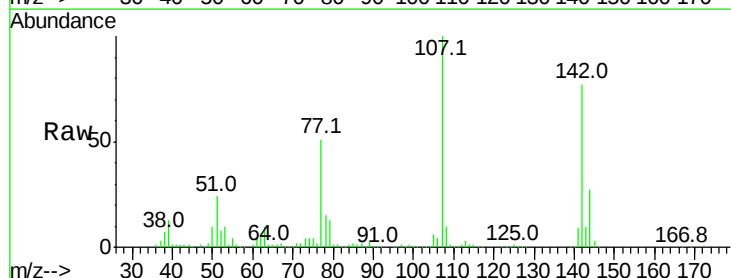
Instrument :
BNA_F
ClientSampleId :

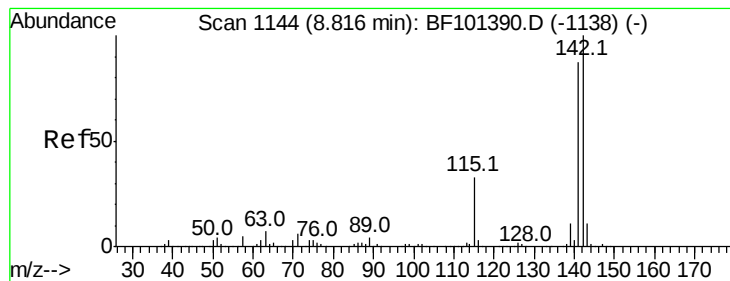
Tot Ion:113 Resp: 175547
Ion Ratio Lower Upper
113 100
55 211.5 163.3 203.3#
56 149.2 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 74.914 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:107 Resp: 672864
Ion Ratio Lower Upper
107 100
144 26.6 20.5 30.7
142 76.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 64.130 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

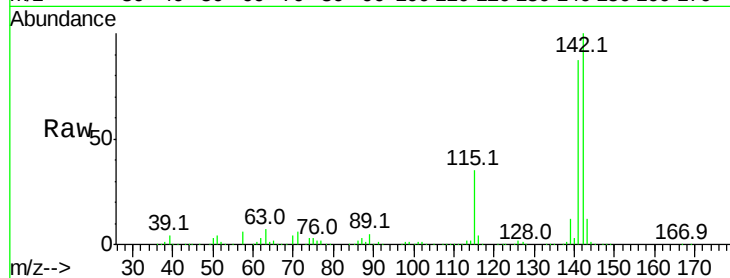
Tot Ion:142 Resp: 1311244

Ion Ratio Lower Upper

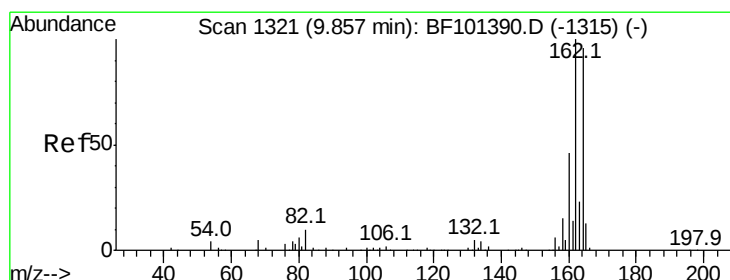
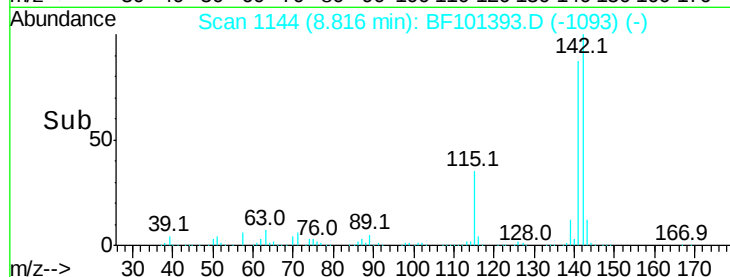
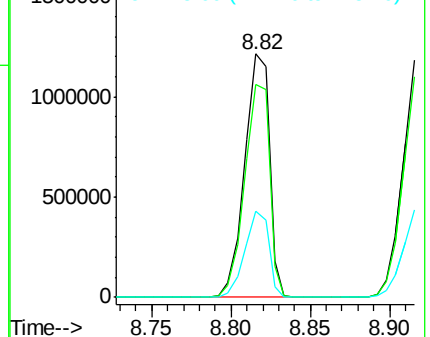
142 100

141 87.4 70.8 106.2

115 35.3 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

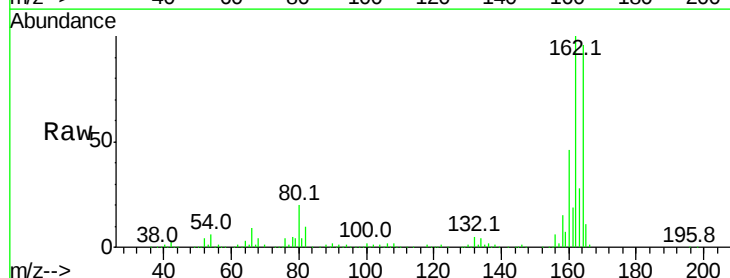
Tgt Ion:164 Resp: 277364

Ion Ratio Lower Upper

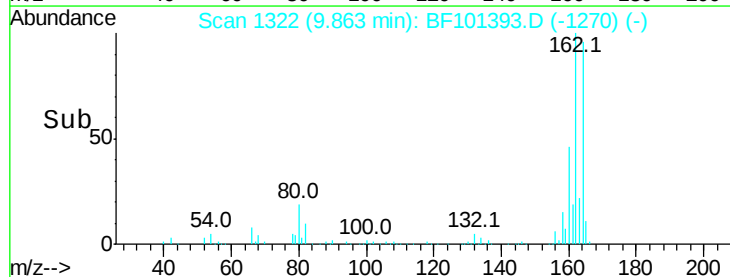
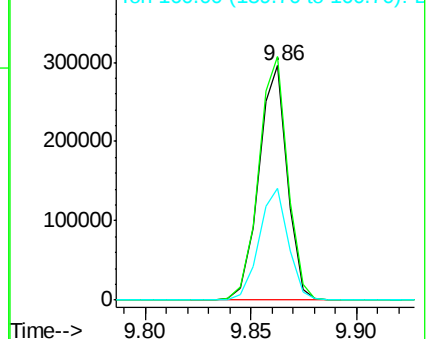
164 100

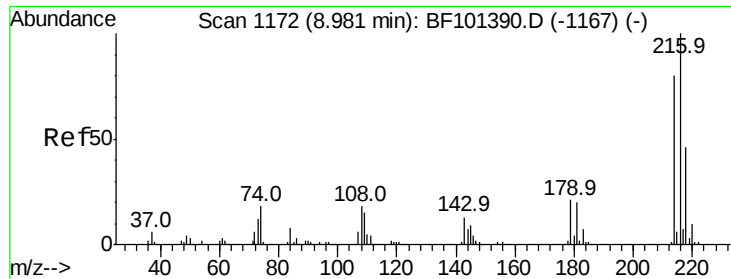
162 103.8 86.1 129.1

160 47.5 38.3 57.5



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

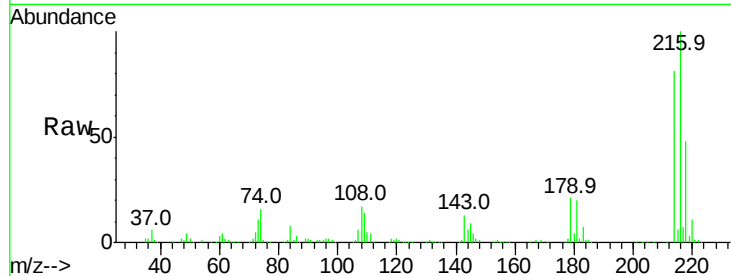




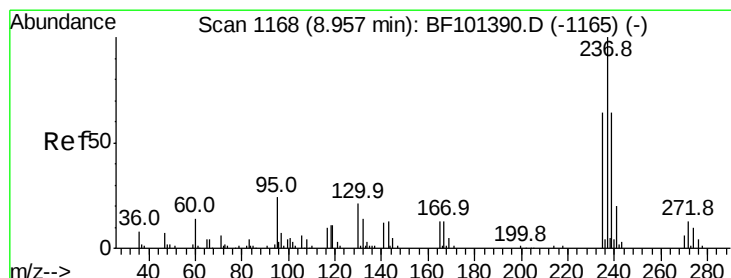
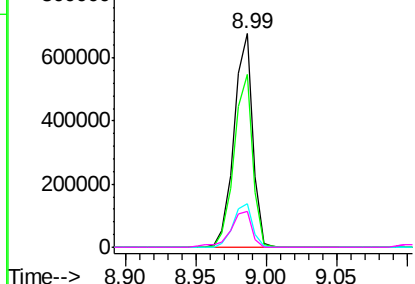
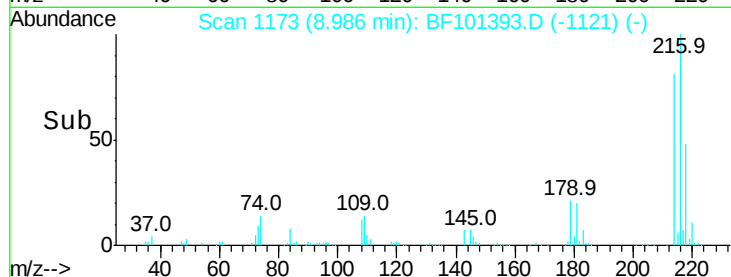
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.631 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	620994
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.0	94.4
179	21.0	18.1	27.1
108	18.9	17.2	25.8

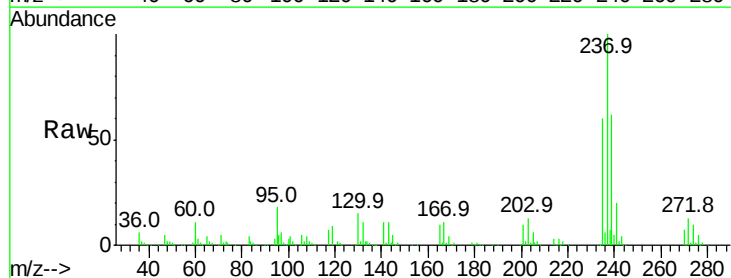


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

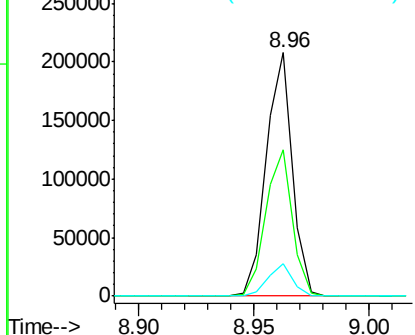
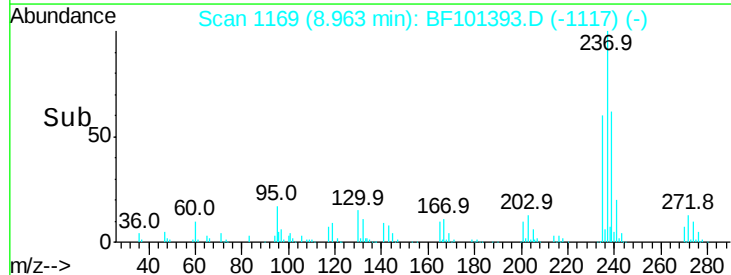


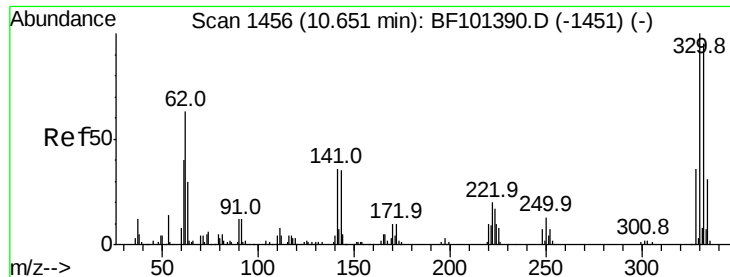
#40
 Hexachlorocyclopentadiene
 Concen: 54.800 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion:	237	Resp:	163612
Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.8	84.8
272	13.2	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

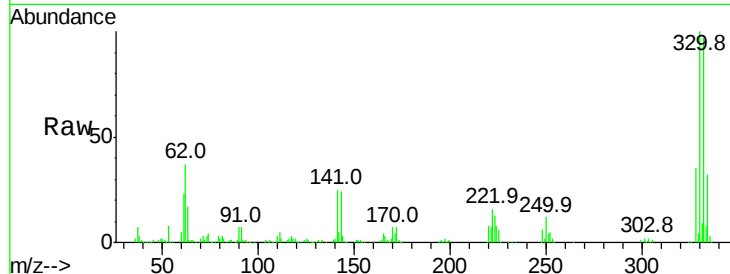




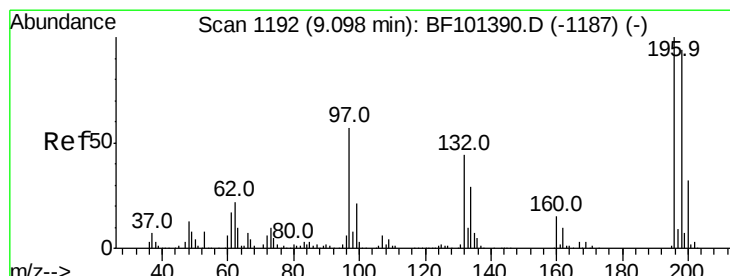
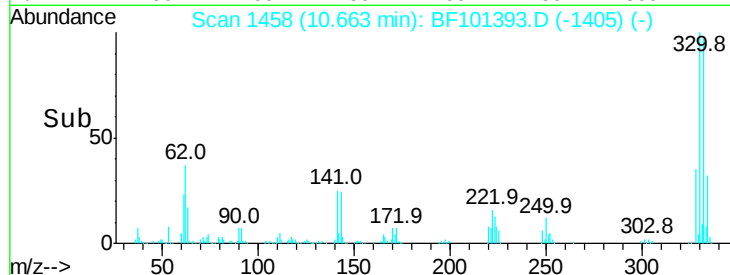
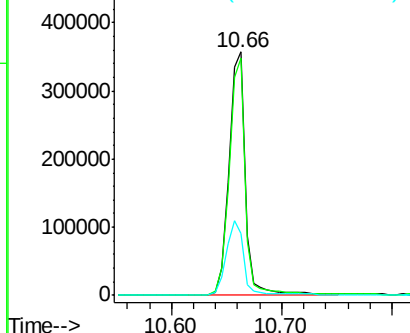
#41
 2,4,6-Tribromophenol
 Concen: 113.074 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.3	29.9	44.9

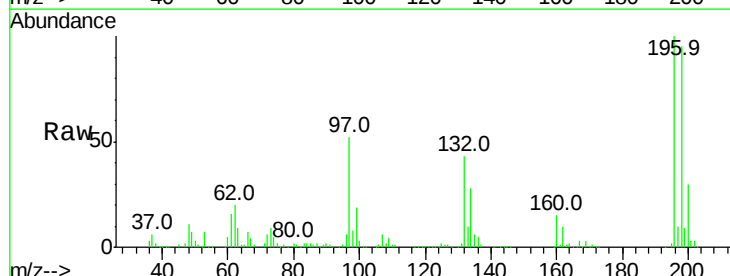


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

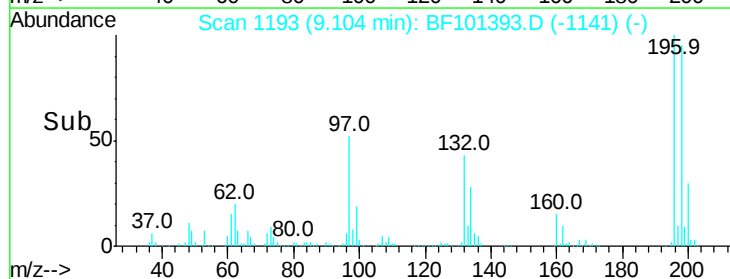
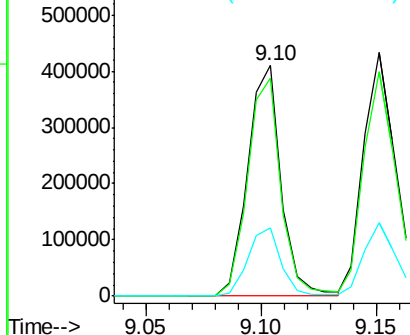


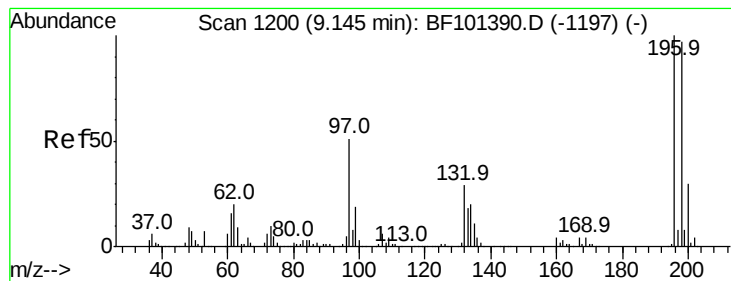
#42
 2,4,6-Trichlorophenol
 Concen: 69.992 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	29.9	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: 70.173 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 443120

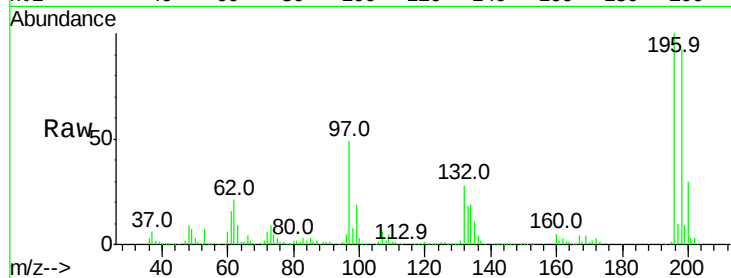
Ion Ratio Lower Upper

196 100

198 92.2 74.6 112.0

97 48.7 42.9 64.3

132 28.4 26.3 39.5

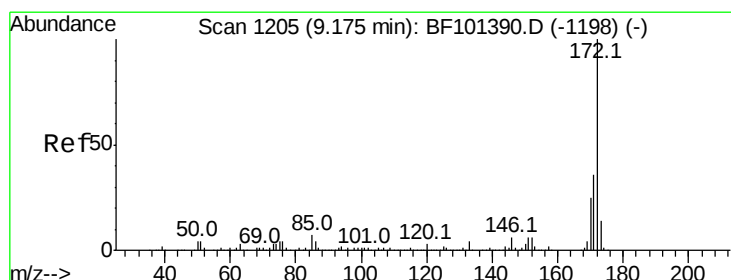
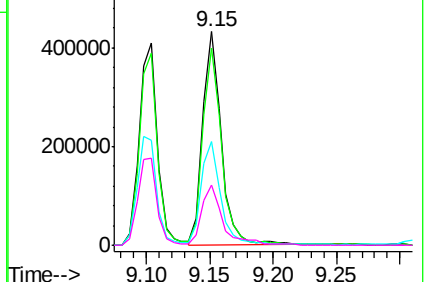
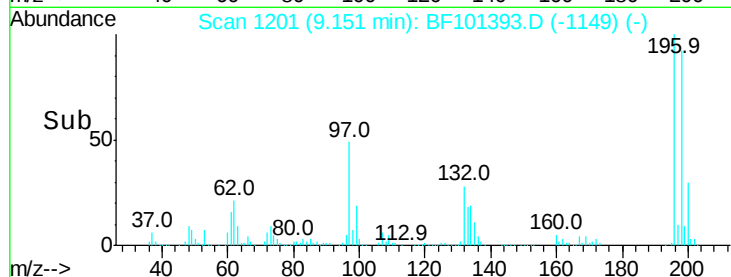


Abundance Ion 196.00 (195.70 to 196.70): E

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: 111.323 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

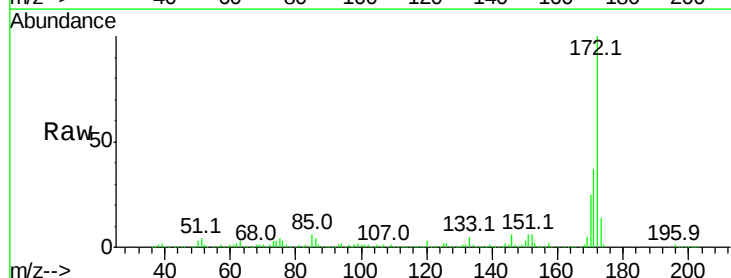
Tgt Ion:172 Resp: 2256754

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

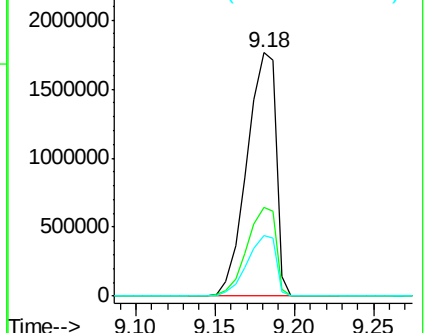
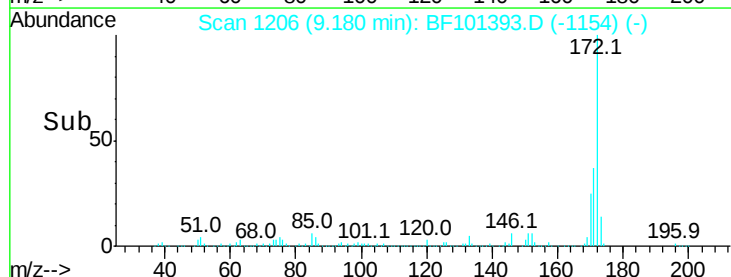
170 24.7 19.6 29.4

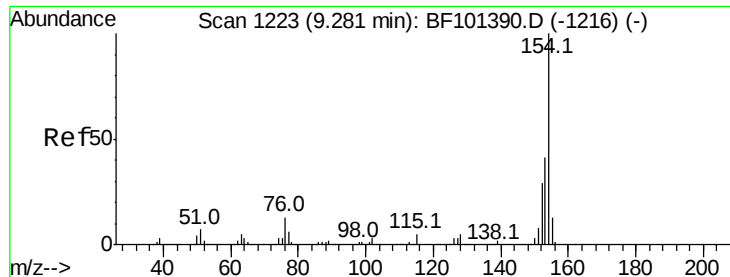


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

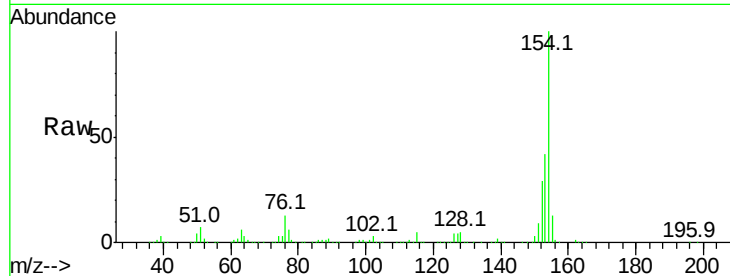




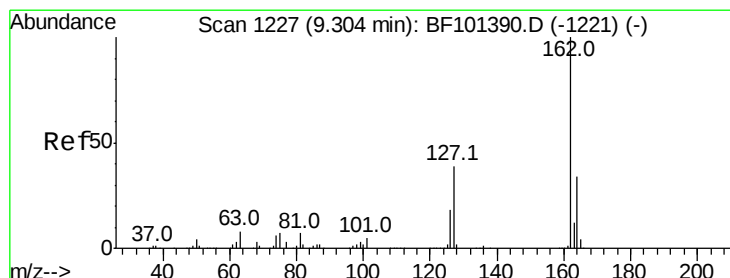
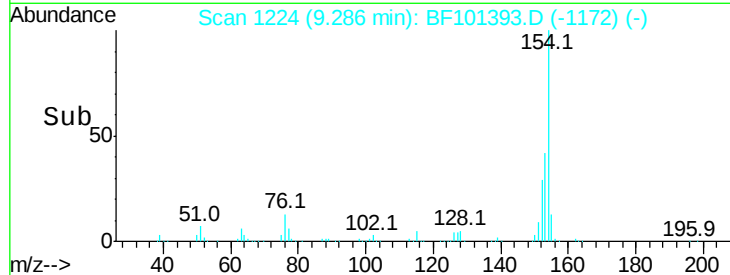
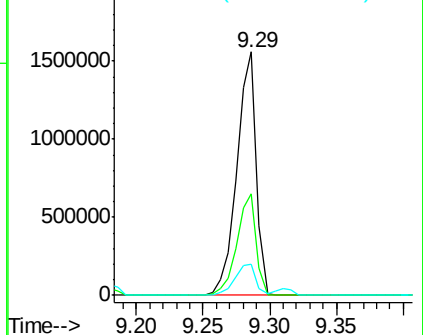
#45
 1,1'-Biphenyl
 Concen: 62.282 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1582724
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 12.9 0.0 34.0

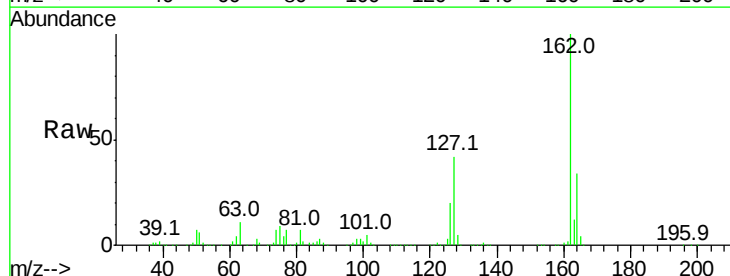


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

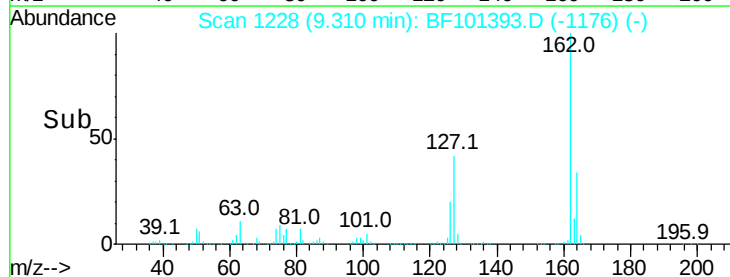
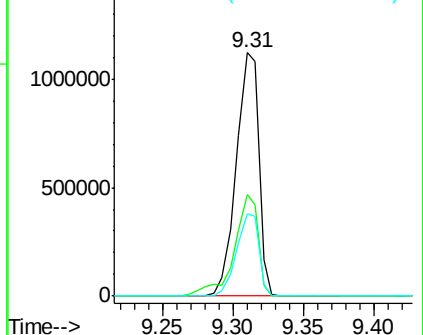


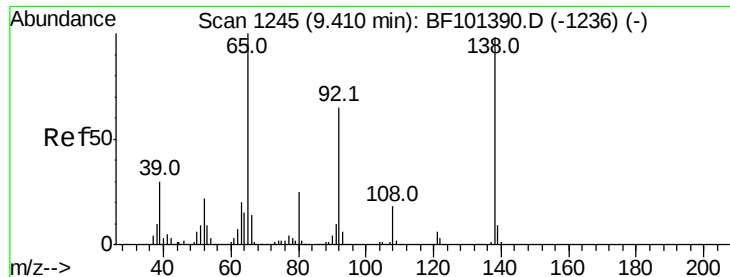
#46
 2-Chloronaphthalene
 Concen: 69.036 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion:162 Resp: 1245911
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.9 50.9
 164 33.7 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: 92.903 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampled :

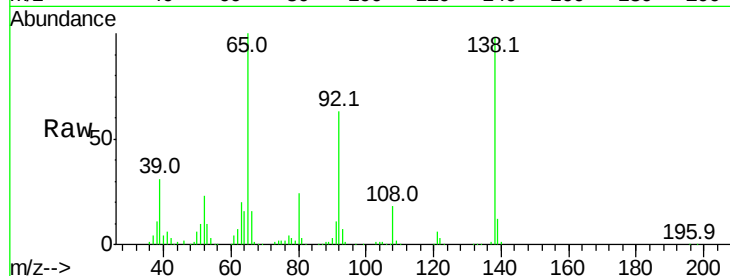
Tot Ion: 65 Resp: 496053

Ion Ratio Lower Upper

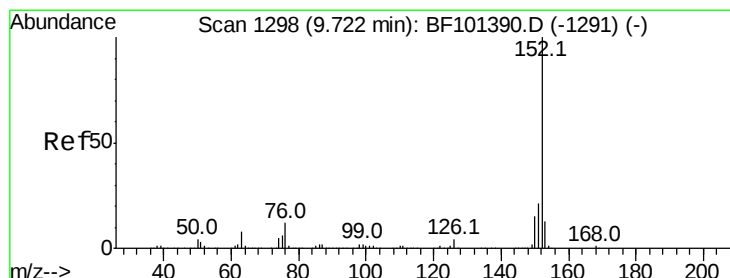
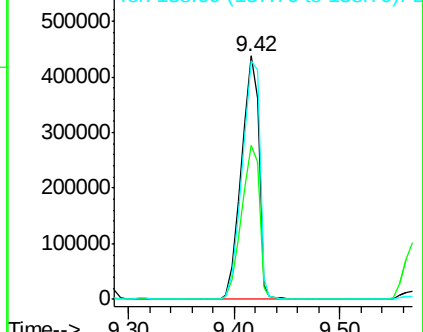
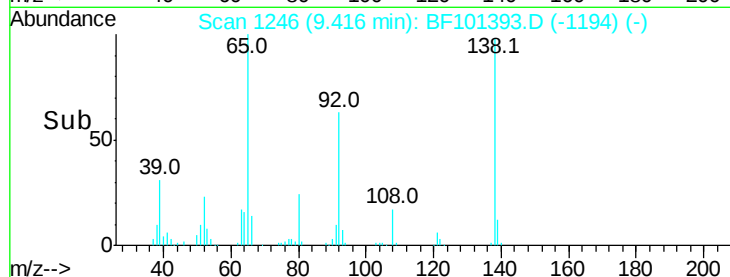
65 100

92 63.0 55.8 83.6

138 97.9 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: 62.899 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

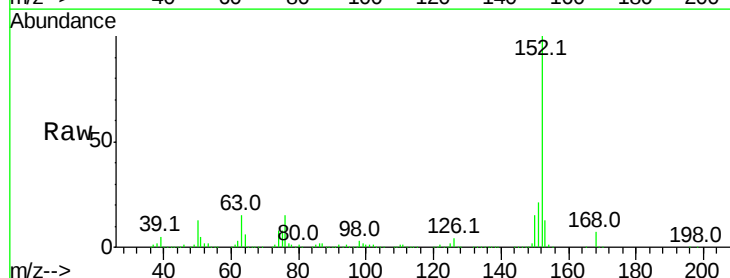
Tgt Ion: 152 Resp: 1865498

Ion Ratio Lower Upper

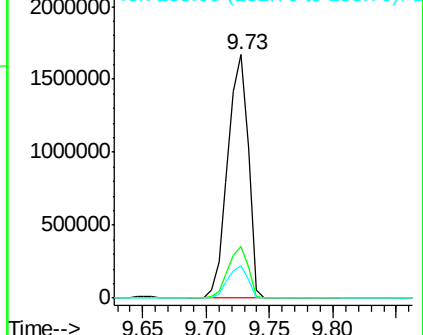
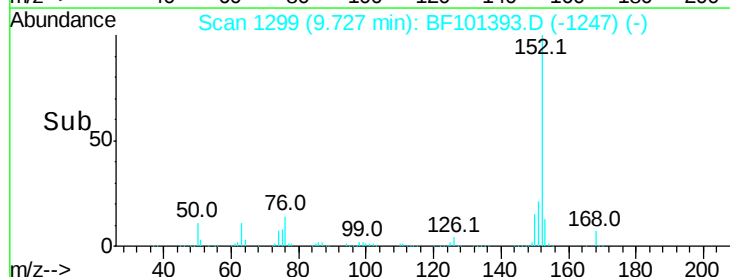
152 100

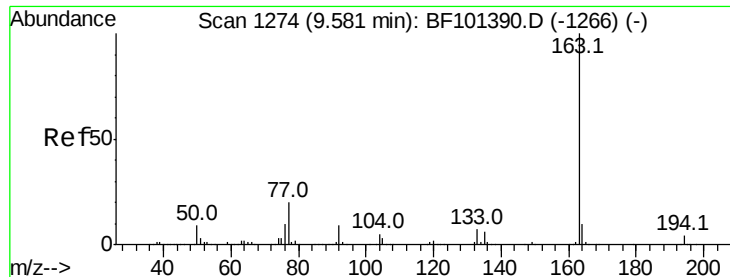
151 21.3 16.3 24.5

153 13.4 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

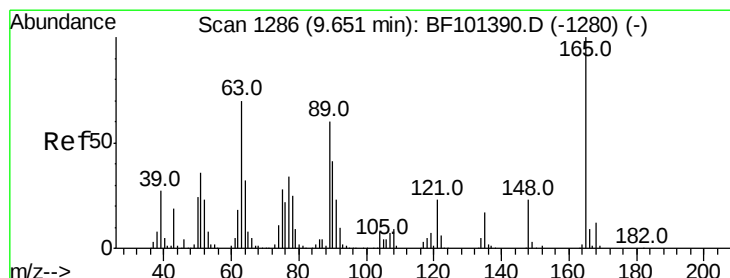
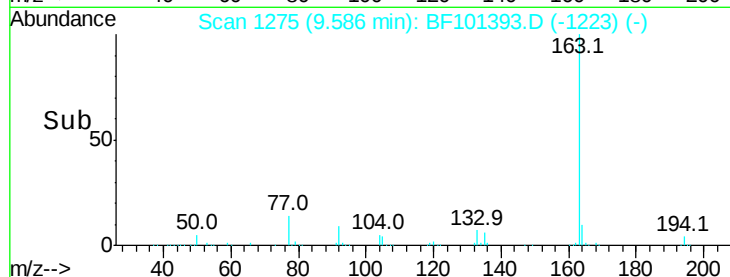
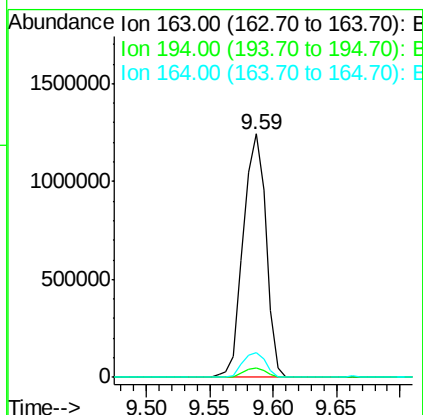
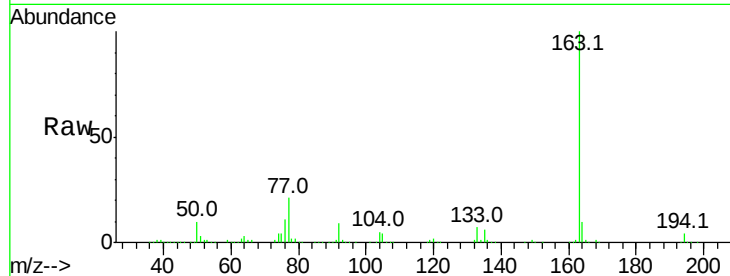




#49
Dimethylphthalate
Concen: 69.511 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

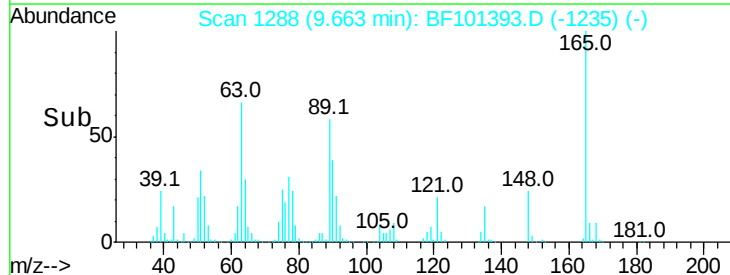
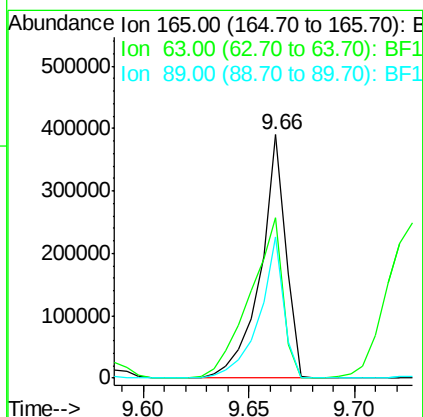
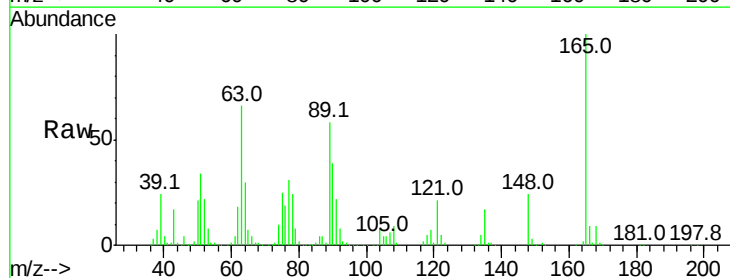
Instrument :
BNA_F
ClientSampleId :

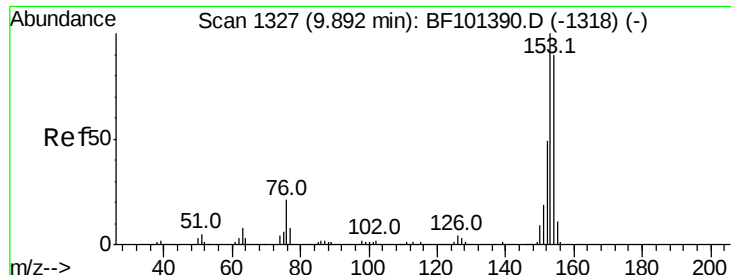
Tot Ion:163 Resp: 1554876
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 69.170 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:165 Resp: 325886
Ion Ratio Lower Upper
165 100
63 66.0 44.7 67.1
89 58.1 44.0 66.0





#51

Acenaphthene

Concen: 65.945 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

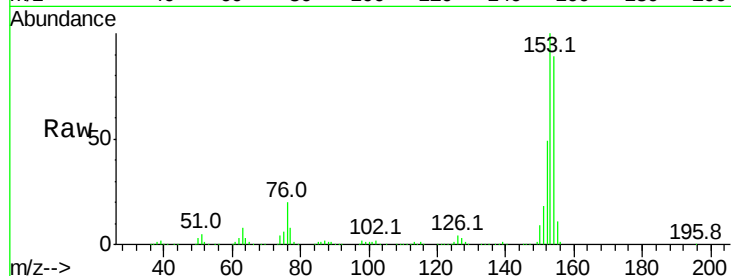
Tot Ion:154 Resp: 1171149

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

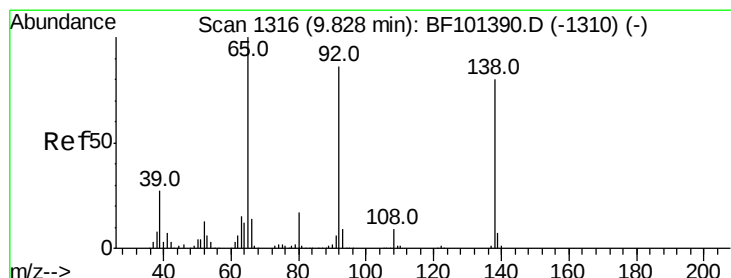
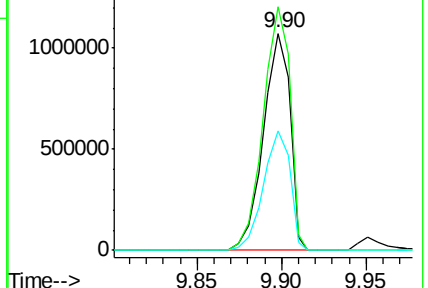
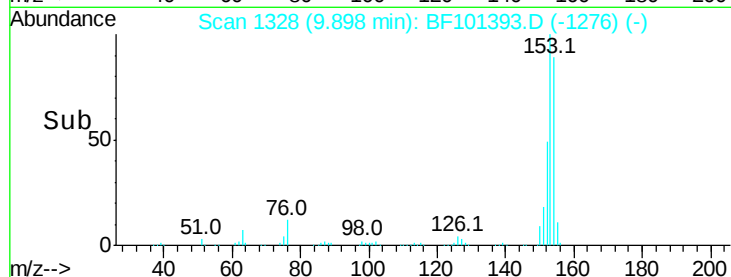
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 80.139 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

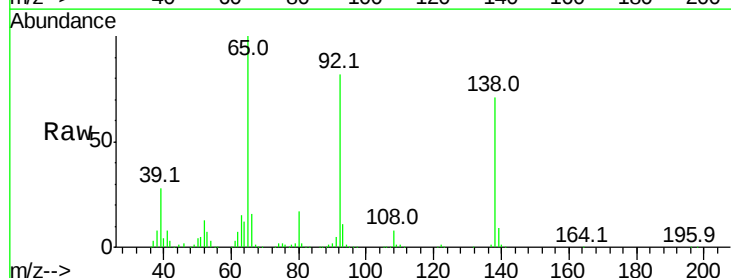
Tgt Ion:138 Resp: 424597

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

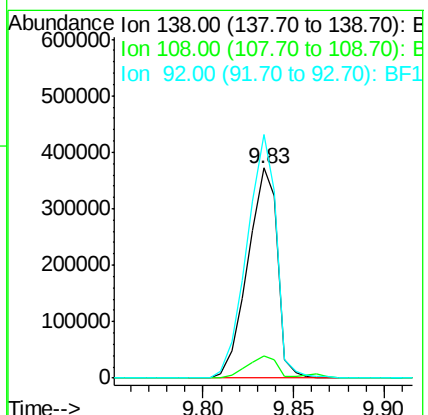
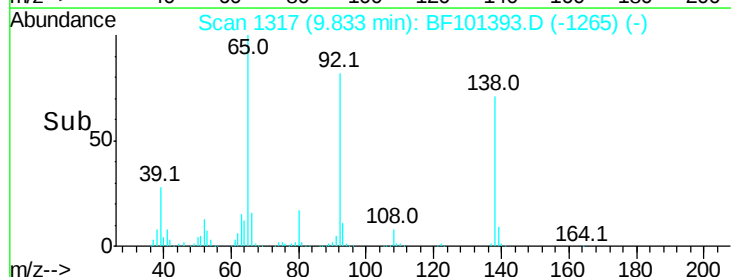
92 116.1 89.4 134.2

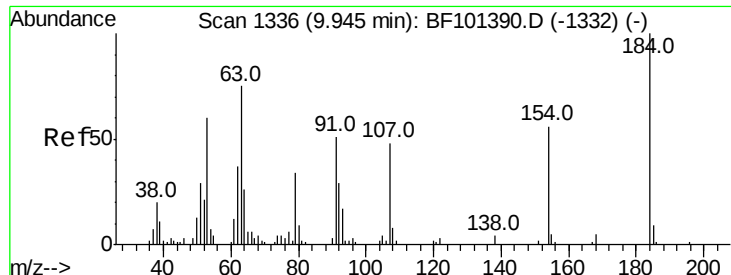


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

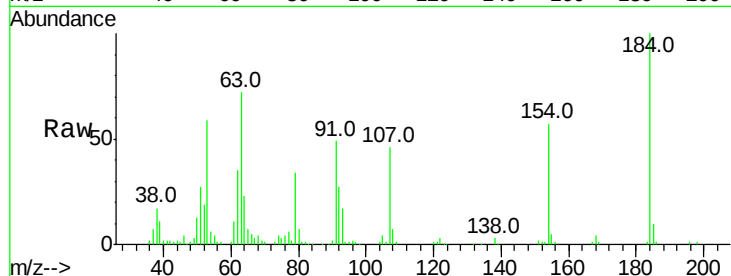




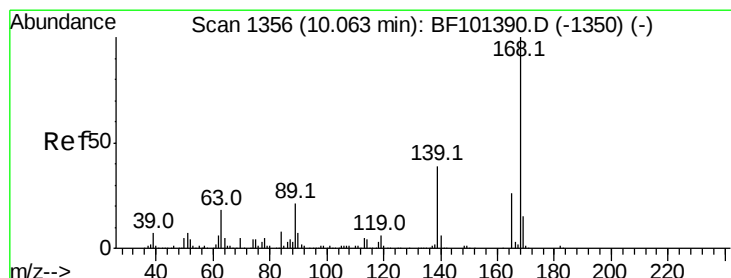
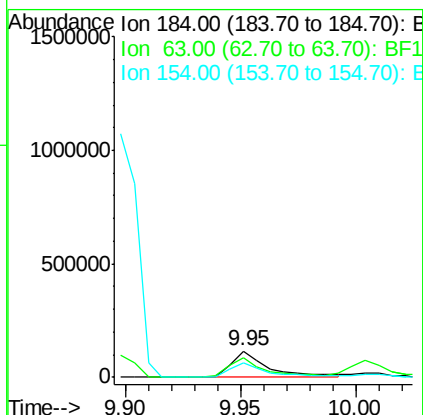
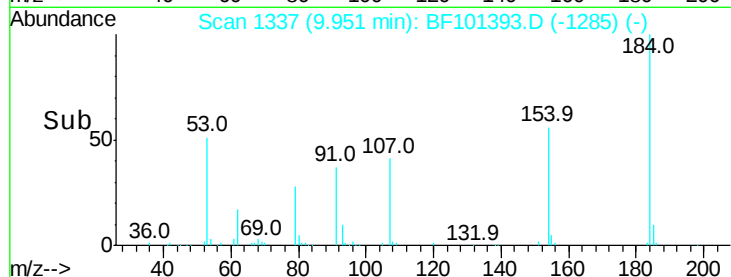
#53
2,4-Dinitrophenol
Concen: 60.906 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 130836
Ion Ratio Lower Upper
184 100
63 72.5 54.2 81.2
154 56.6 184.0 276.0#

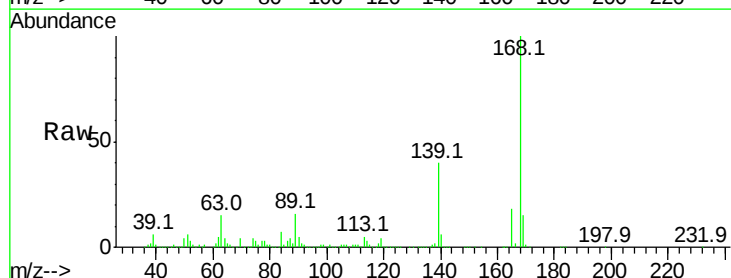


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

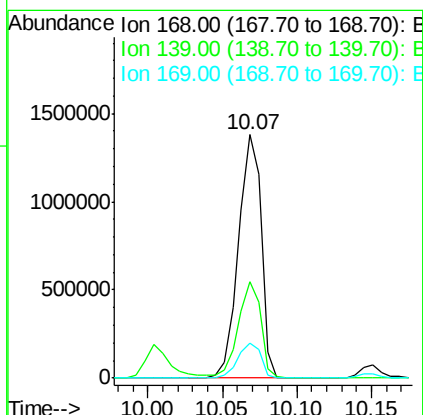
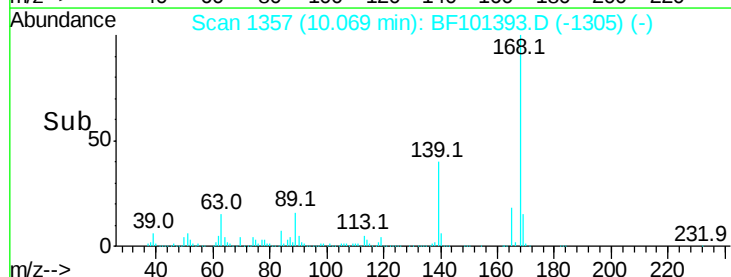


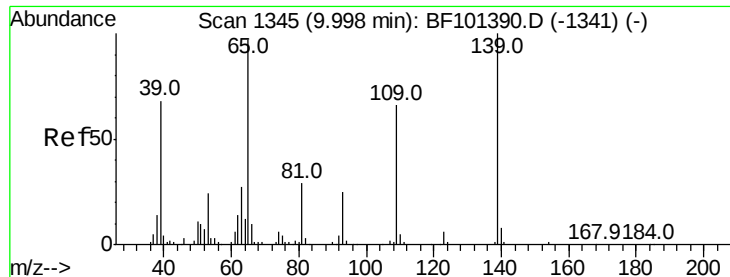
#54
Dibenzofuran
Concen: 57.226 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:168 Resp: 1464565
Ion Ratio Lower Upper
168 100
139 39.6 30.1 45.1
169 14.6 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: 60.142 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

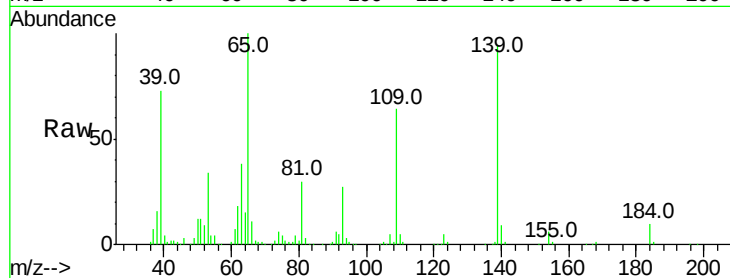
Tot Ion:139 Resp: 214896

Ion Ratio Lower Upper

139 100

109 68.1 48.4 88.4

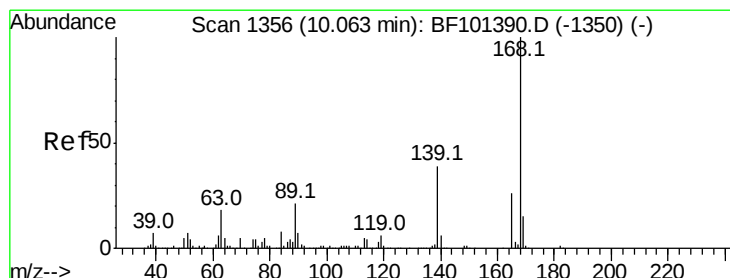
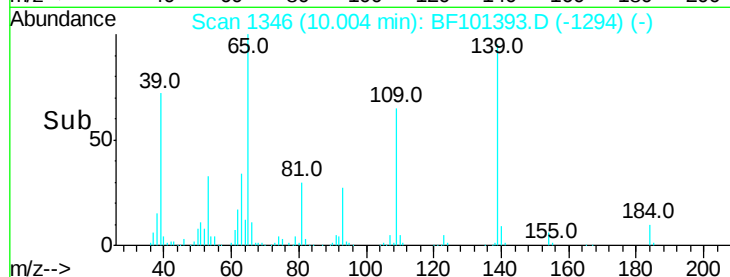
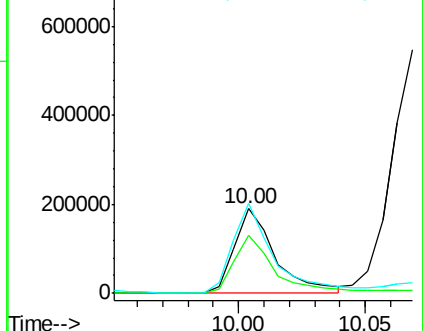
65 105.9 72.6 112.6



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: 56.361 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:165 Resp: 355868

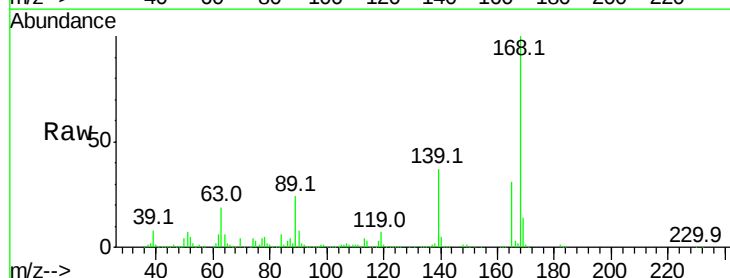
Ion Ratio Lower Upper

165 100

63 62.1 36.4 54.6#

89 77.3 57.8 86.6

182 2.6 1.6 2.4#

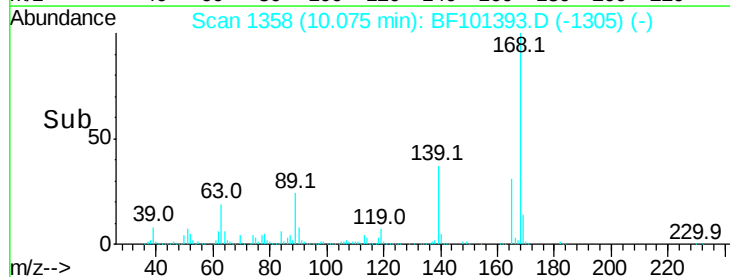
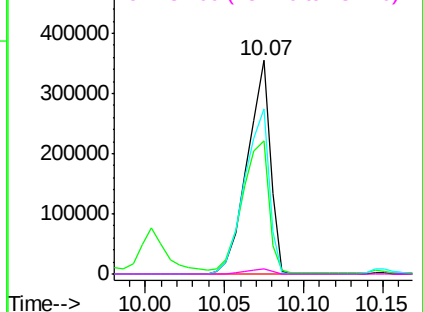


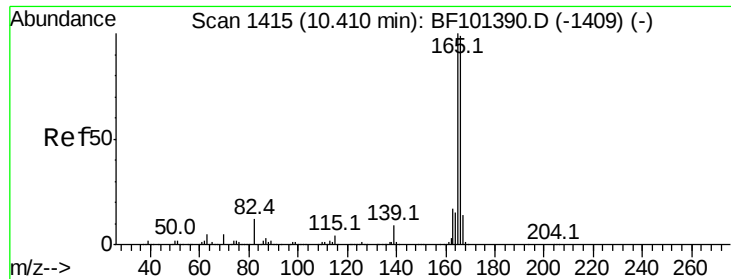
Abundance Ion 165.00 (164.70 to 165.70): E

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: 60.452 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

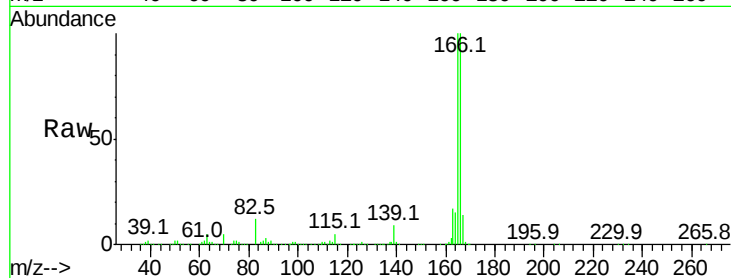
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 1257699

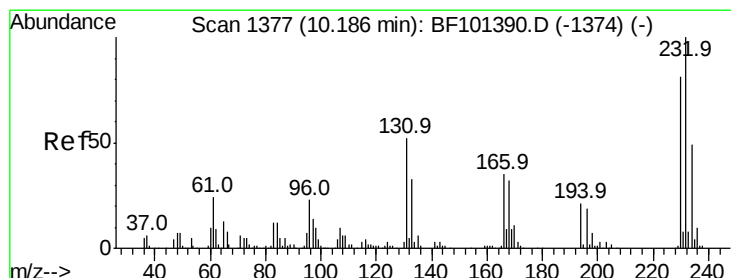
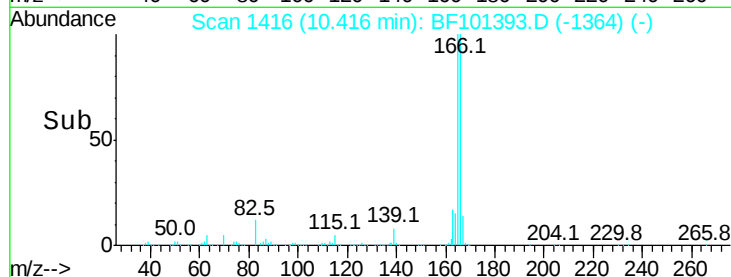
Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.6	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 66.494 ng

RT: 10.19 min Scan# 1378

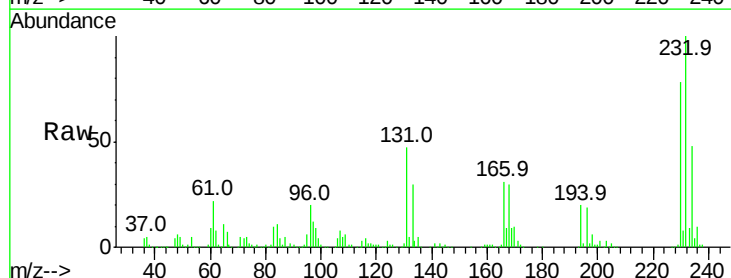
Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:232 Resp: 336199

Ion	Ratio	Lower	Upper
232	100		
131	48.0	43.8	65.8
130	2.3	2.1	3.1
166	29.9	27.8	41.6

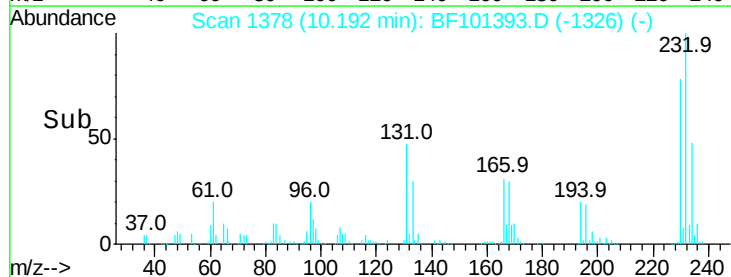


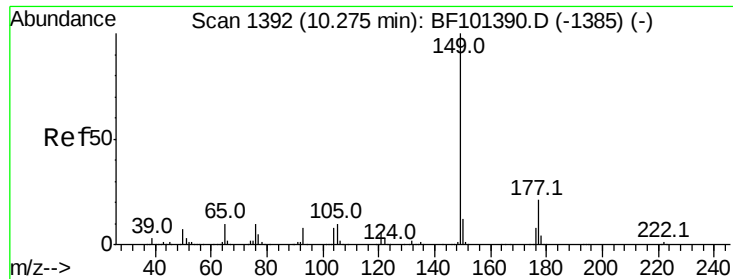
Abundance Ion 232.00 (231.70 to 232.70): E

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

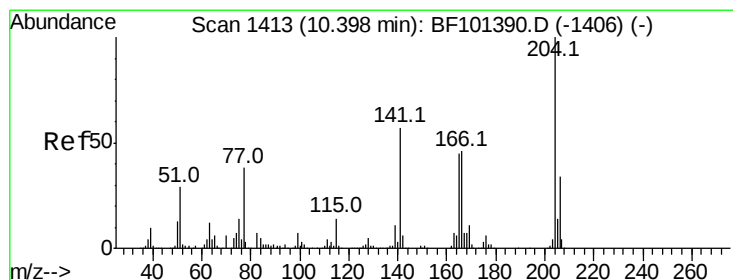
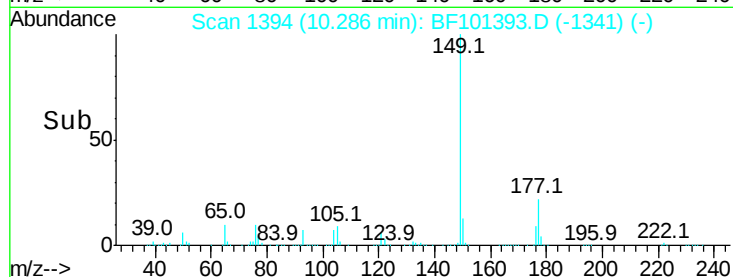
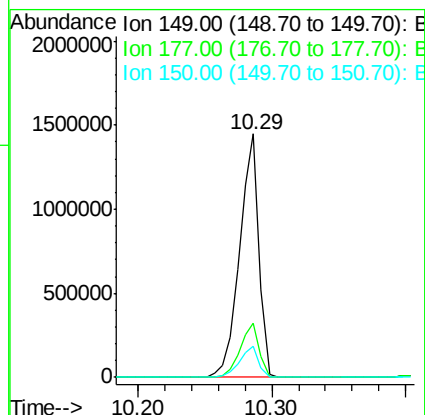
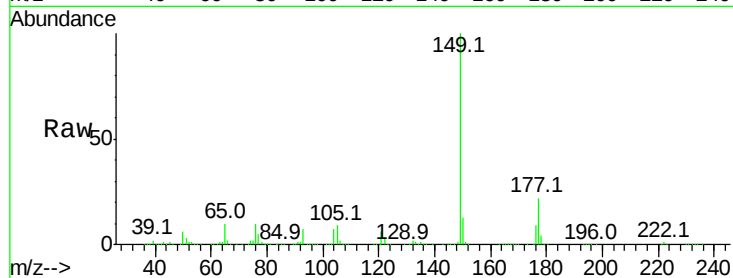




#59
Diethylphthalate
Concen: 65.803 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

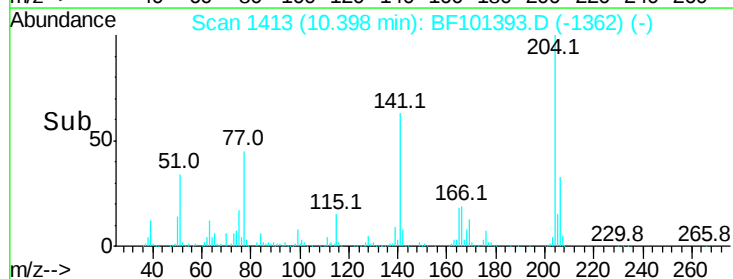
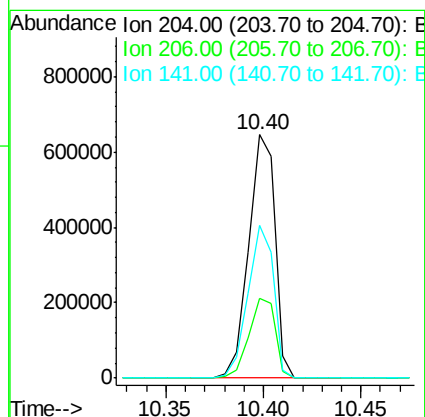
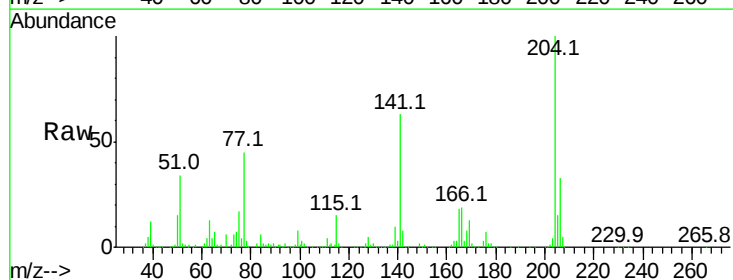
Instrument :
BNA_F
ClientSampleId :

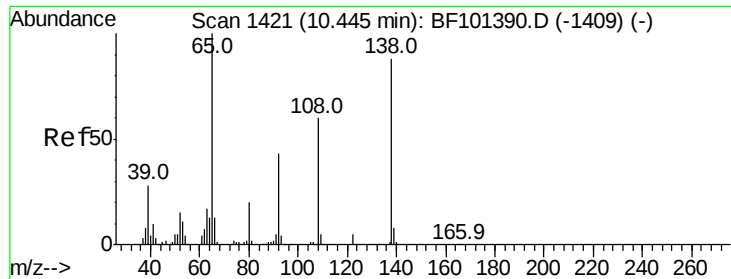
Tot Ion:149 Resp: 1451814
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 58.791 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:204 Resp: 603911
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 62.9 54.6 81.8

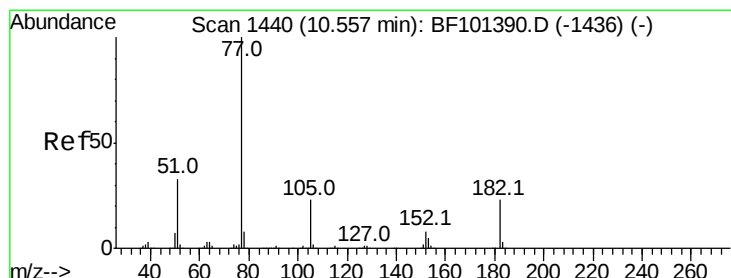
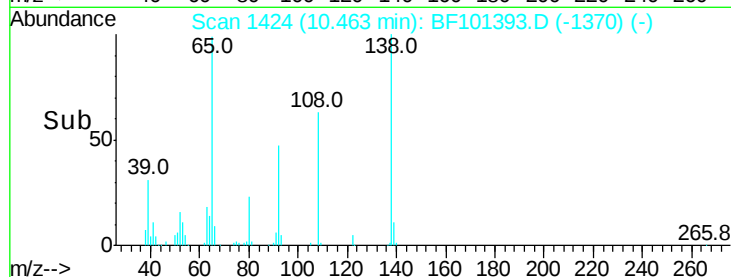
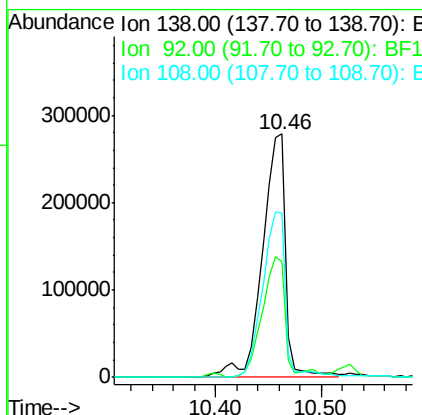
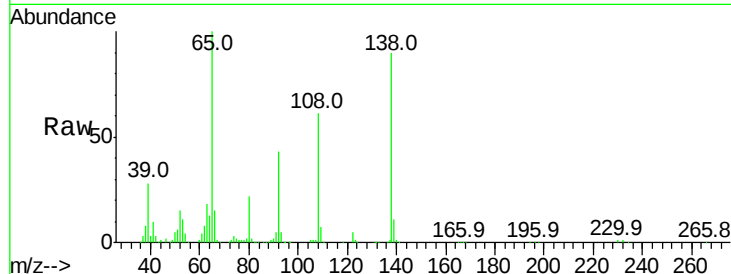




#61
4-Nitroaniline
Concen: 77.927 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.02 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

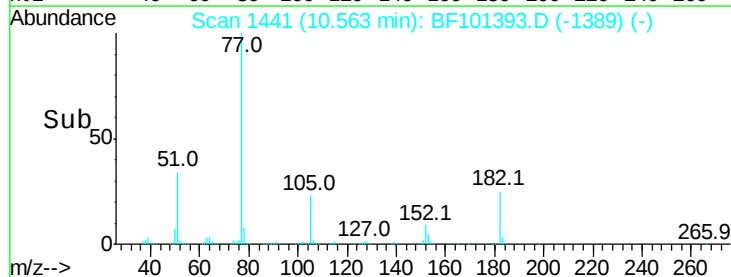
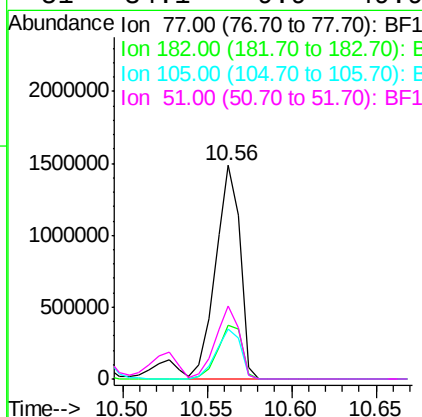
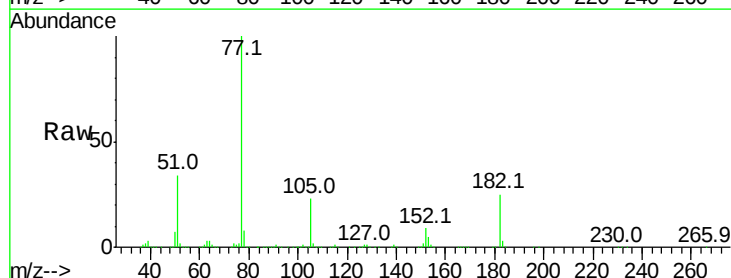
Instrument :
BNA_F
ClientSampleId :

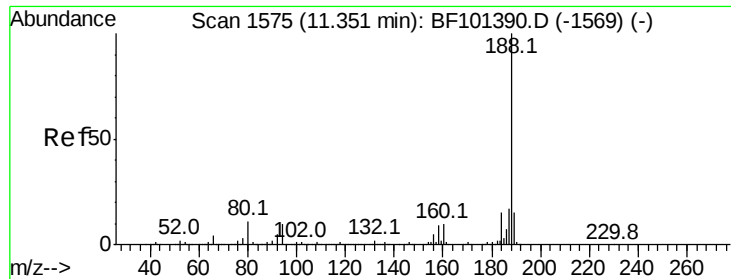
Tot Ion:138 Resp: 428586
Ion Ratio Lower Upper
138 100
92 47.4 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 79.812 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion: 77 Resp: 1494389
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 23.3 3.0 43.0
51 34.1 9.9 49.9

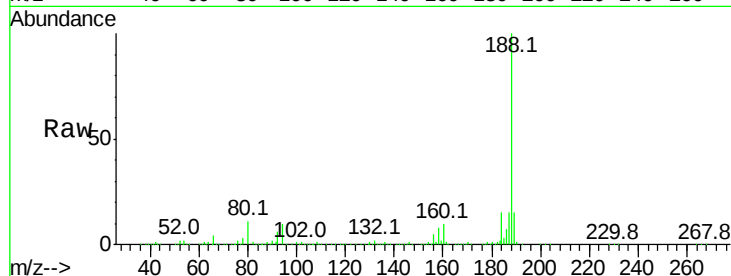




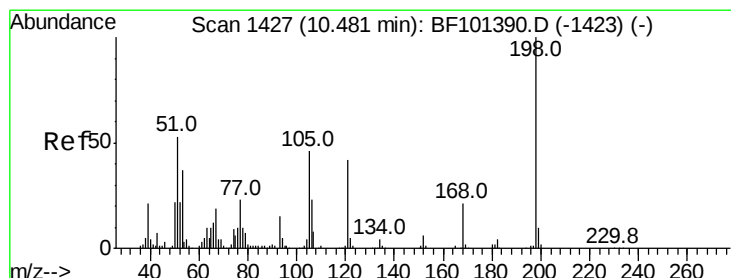
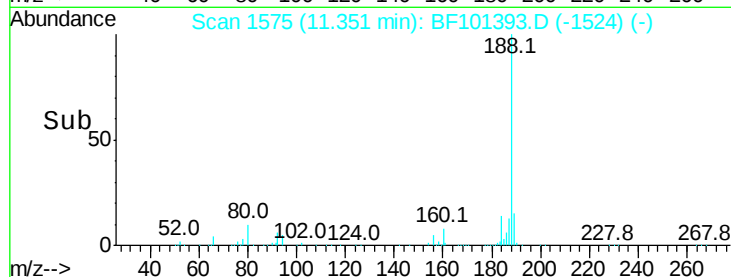
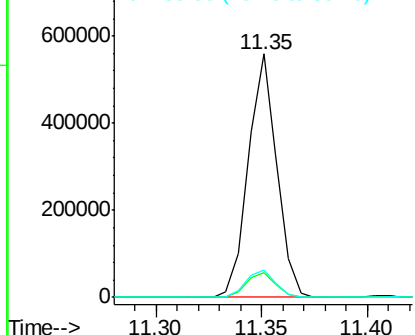
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 523144
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.0 9.2 13.8

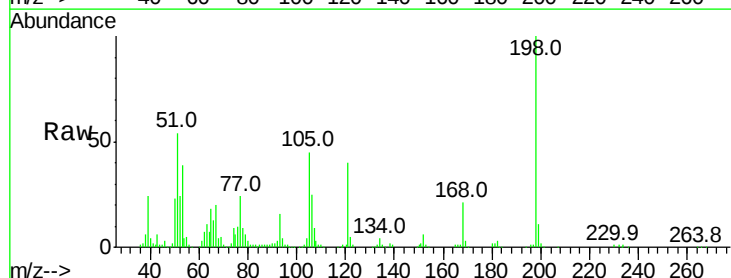


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

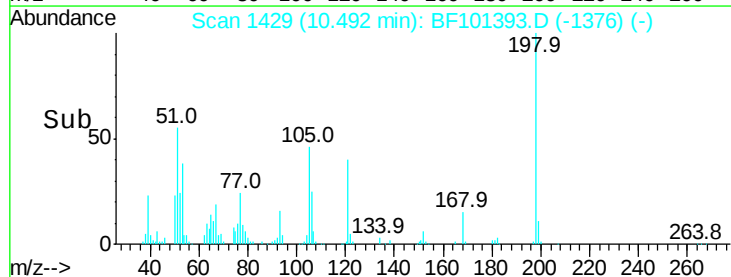
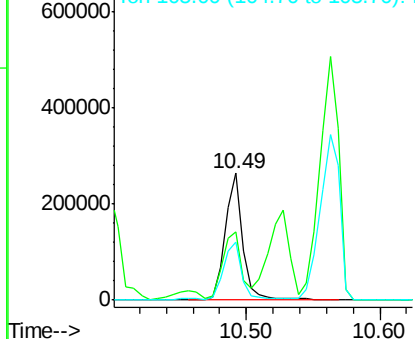


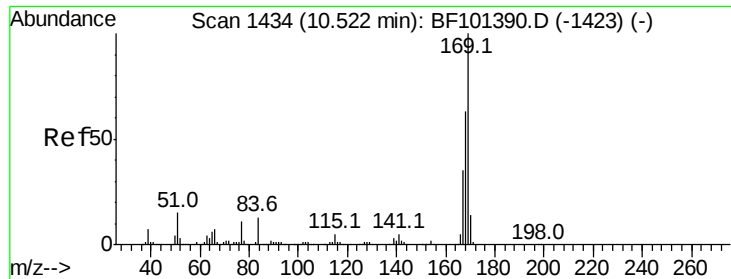
#64
4,6-Dinitro-2-methylphenol
Concen: 69.911 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:198 Resp: 245309
Ion Ratio Lower Upper
198 100
51 54.2 37.7 77.7
105 45.4 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: 69.145 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

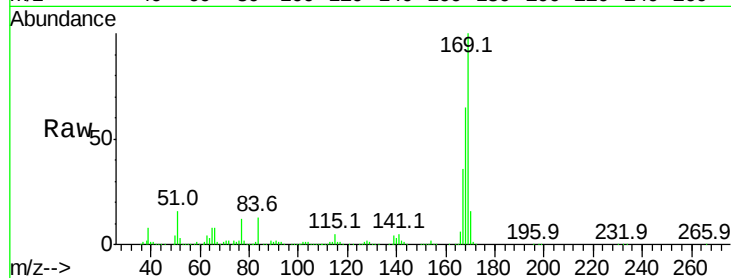
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 1276131

Ion	Ratio	Lower	Upper
169	100		
168	64.6	54.4	81.6
167	36.1	29.8	44.6

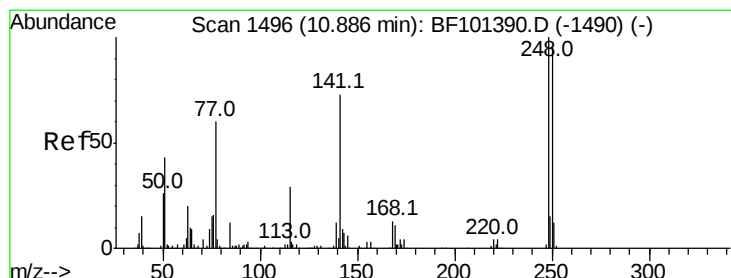
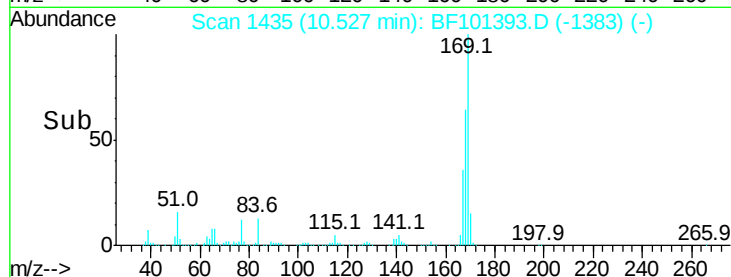
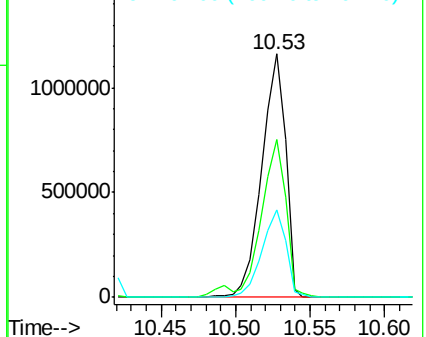


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 68.728 ng

RT: 10.89 min Scan# 1497

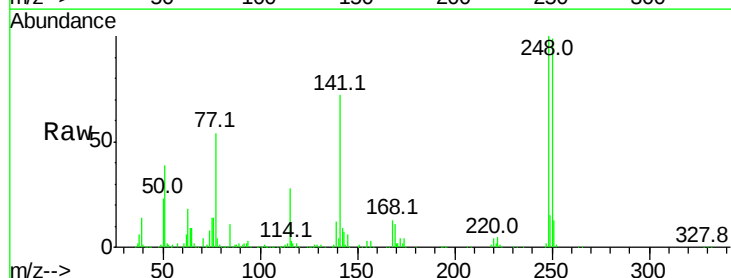
Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:248 Resp: 402451

Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.9	115.3
141	71.9	74.4	111.6#

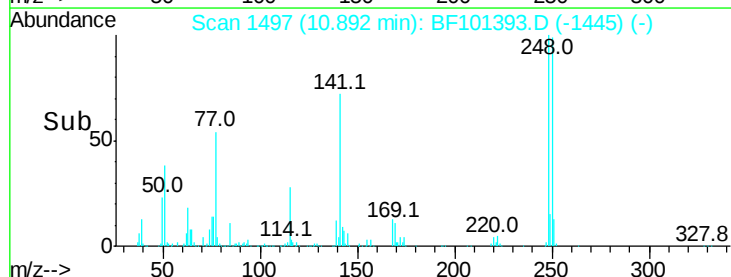
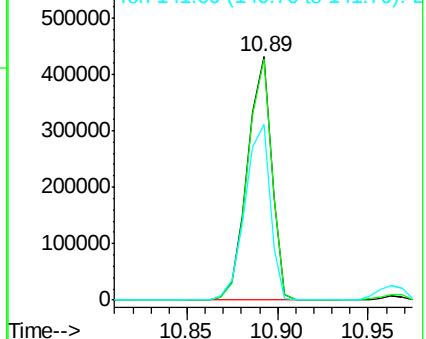


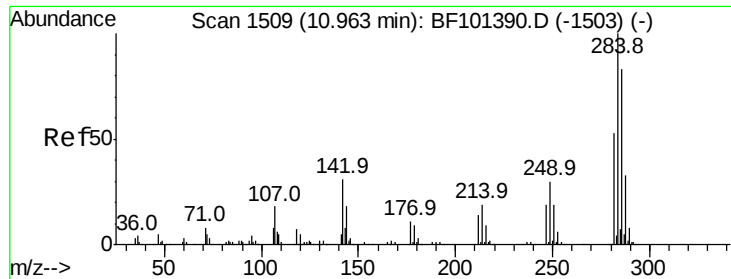
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

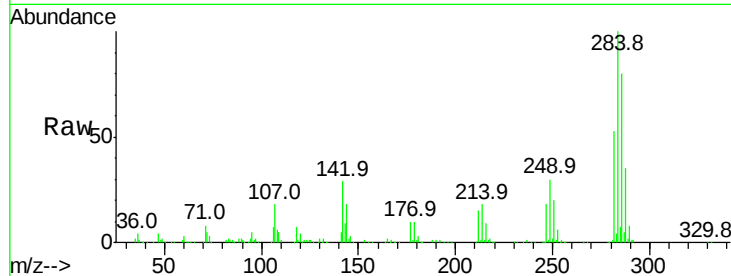




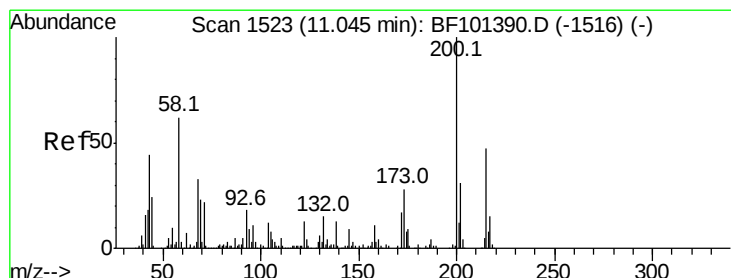
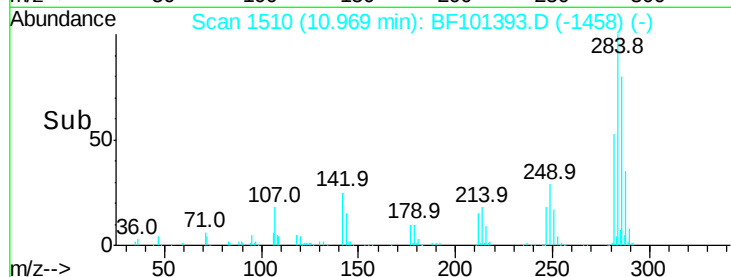
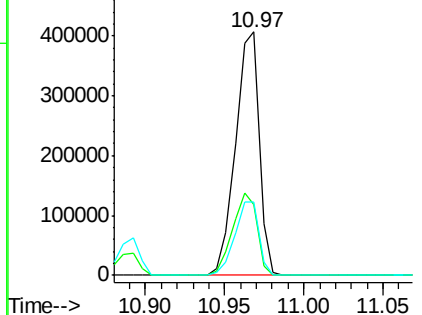
#67
Hexachlorobenzene
Concen: 67.091 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 421052
Ion Ratio Lower Upper
284 100
142 29.3 34.6 52.0#
249 30.0 24.8 37.2

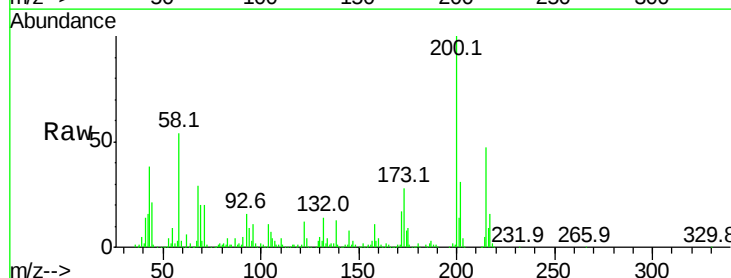


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

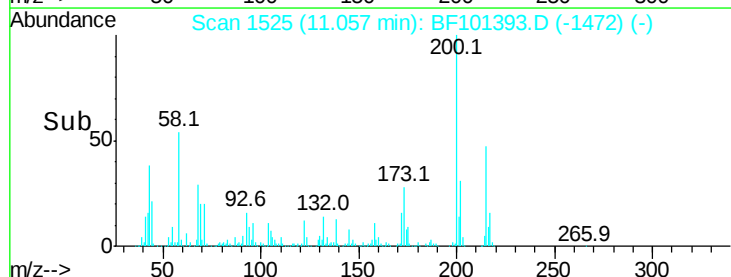
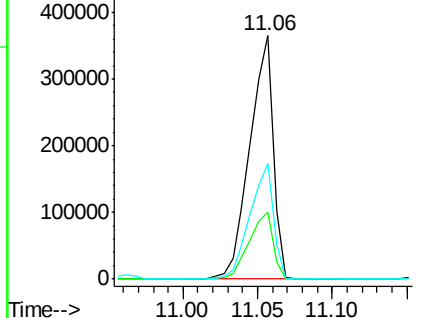


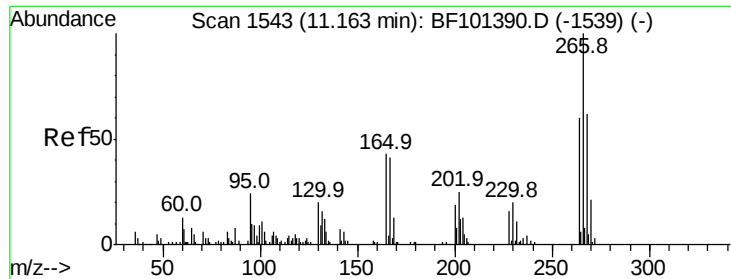
#68
Atrazine
Concen: 69.943 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:200 Resp: 395967
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 47.4 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

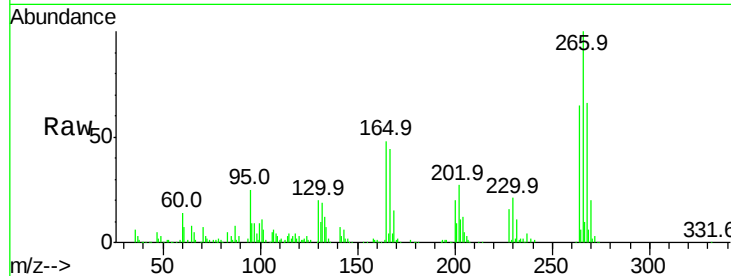




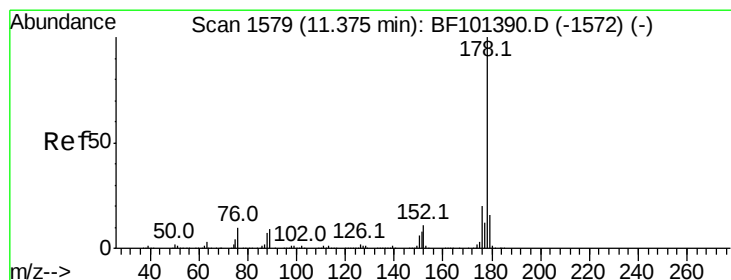
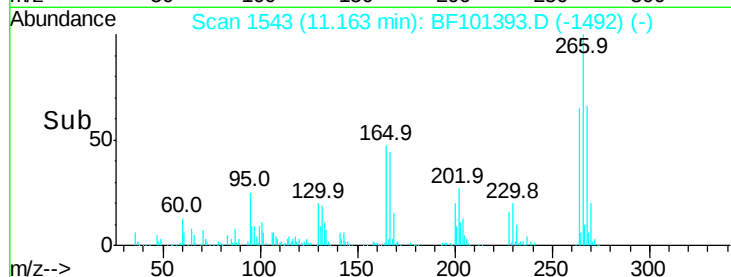
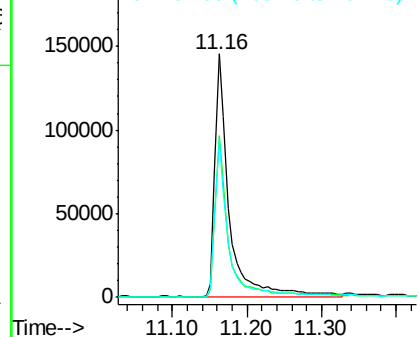
#69
 Pentachlorophenol
 Concen: 55.597 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	64.9	49.5	74.3

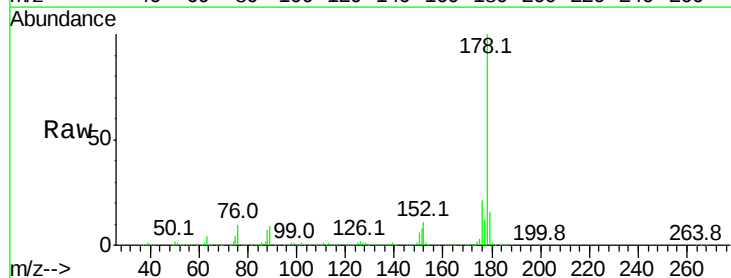


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

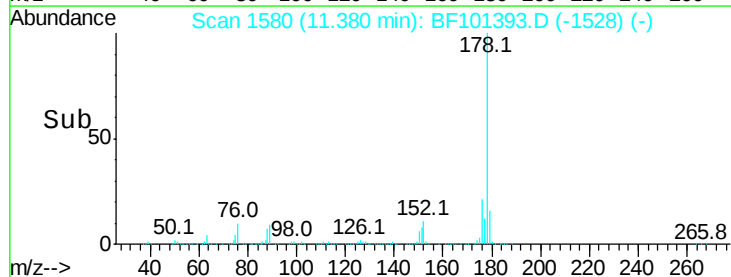
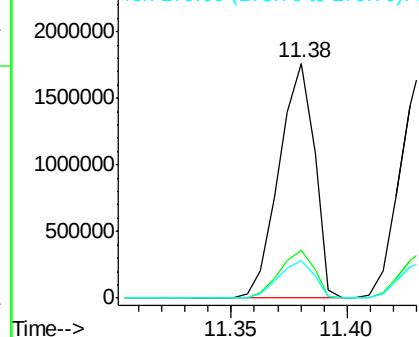


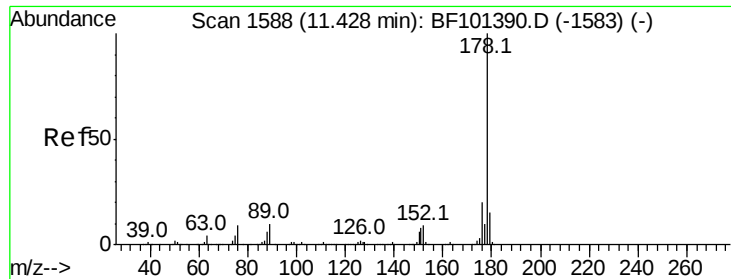
#70
 Phenanthrene
 Concen: 64.984 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	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

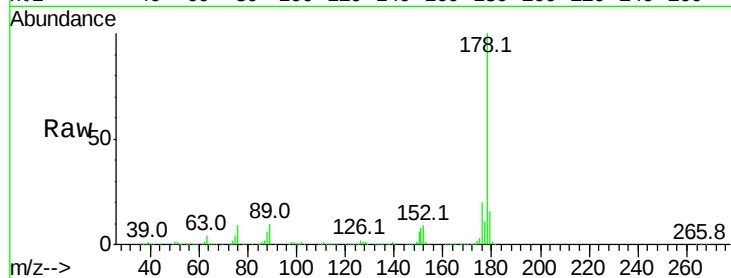




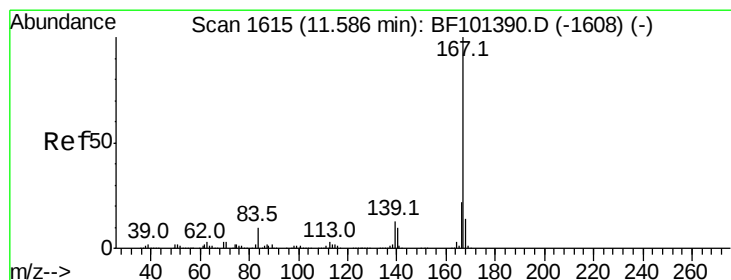
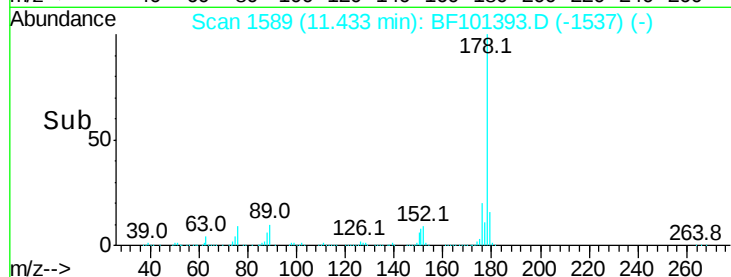
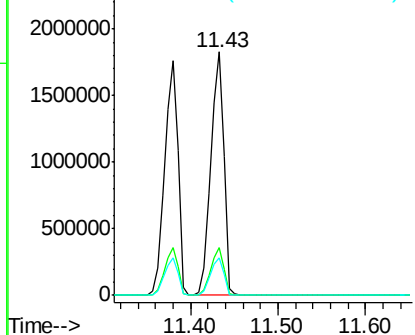
#71
 Anthracene
 Concen: 65.332 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1904906
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.6 12.6 19.0

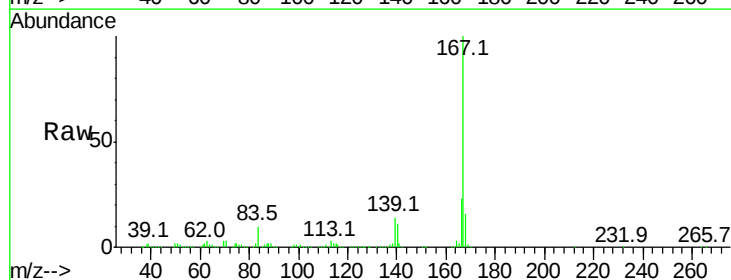


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

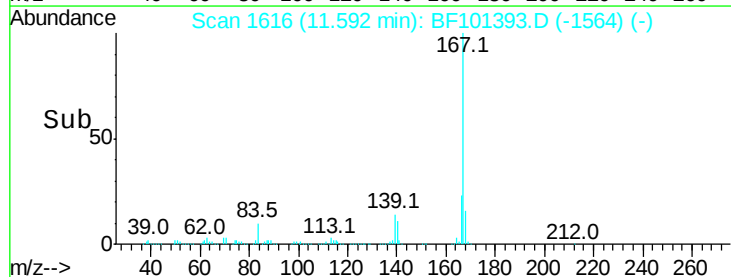
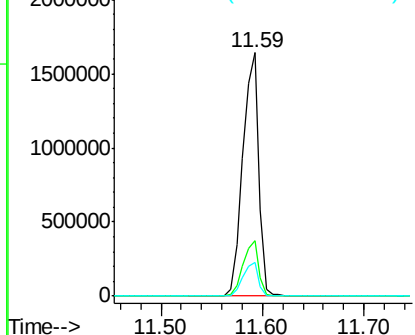


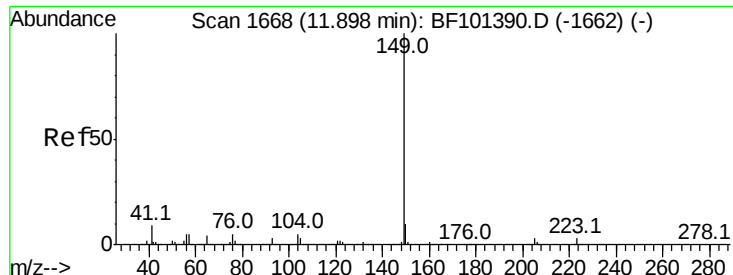
#72
 Carbazole
 Concen: 67.158 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion:167 Resp: 1789126
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

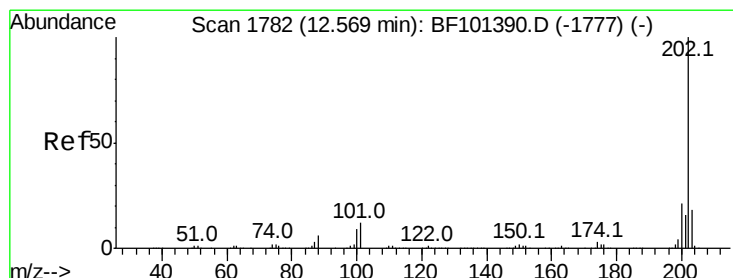
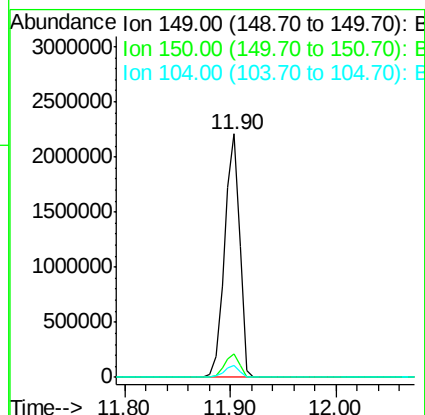
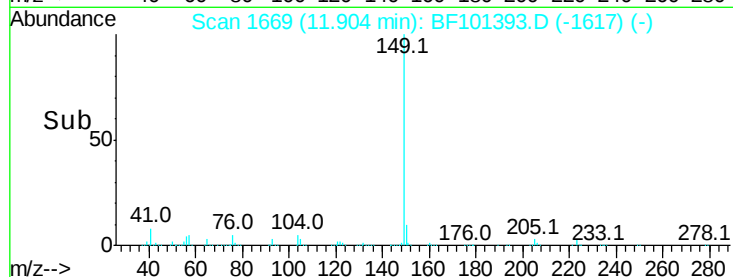
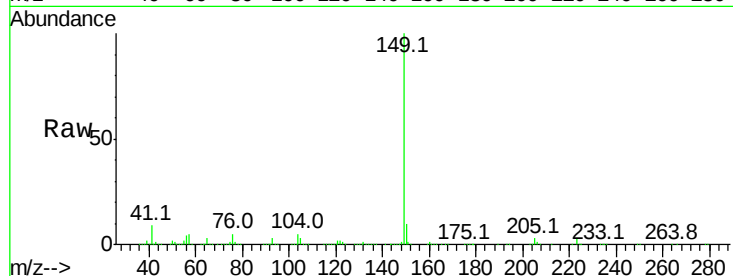




#73
Di-n-butylphthalate
Concen: 66.021 ng
RT: 11.90 min Scan# 1669
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

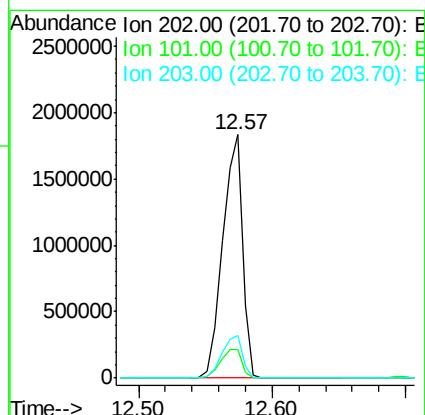
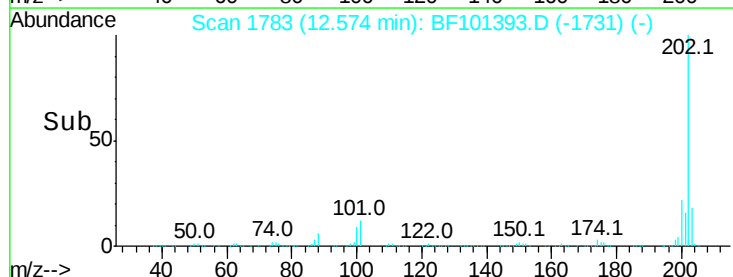
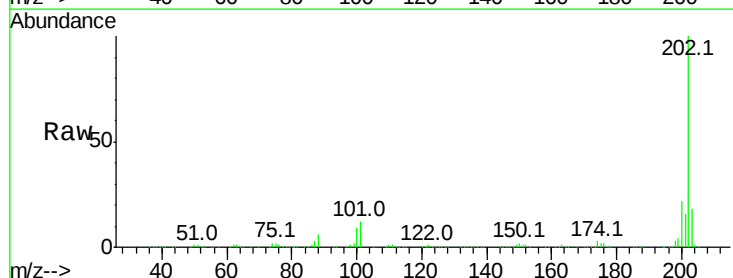
Instrument :
BNA_F
ClientSampleId :

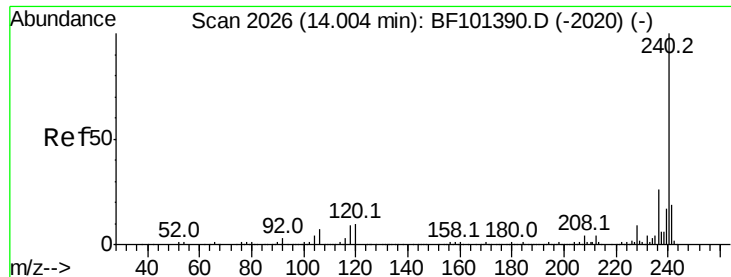
Tot Ion:149 Resp: 2204539
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 60.461 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:202 Resp: 1930812
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

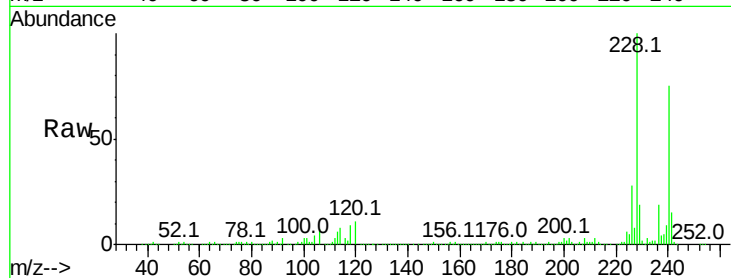
Tot Ion:240 Resp: 382598

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

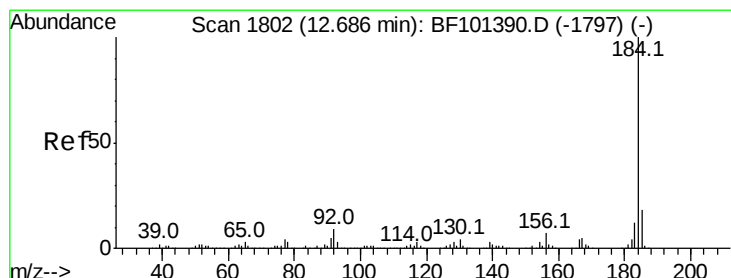
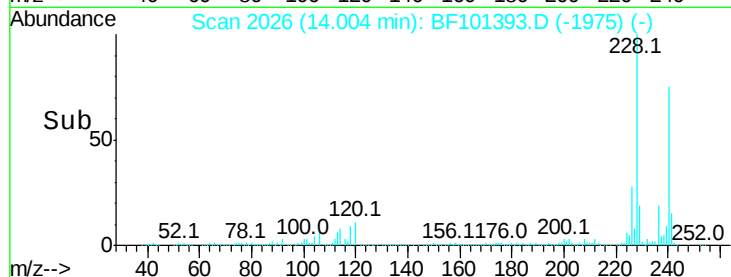
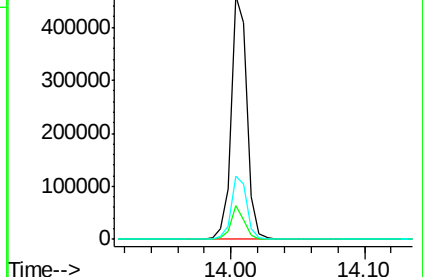
236 25.8 20.7 31.1



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: 103.923 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

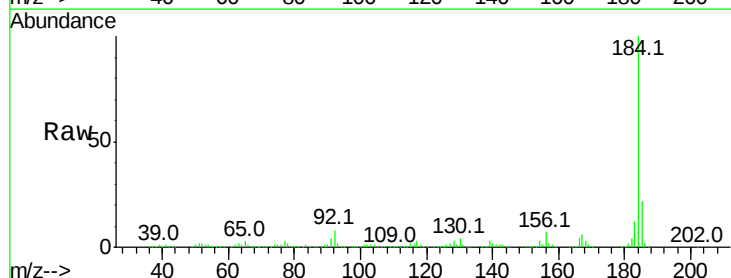
Tgt Ion:184 Resp: 1292948

Ion Ratio Lower Upper

184 100

185 22.3 12.6 18.8#

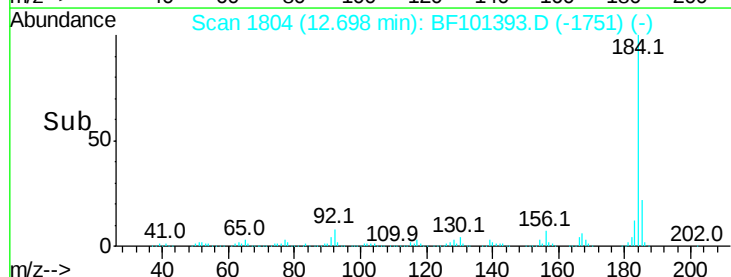
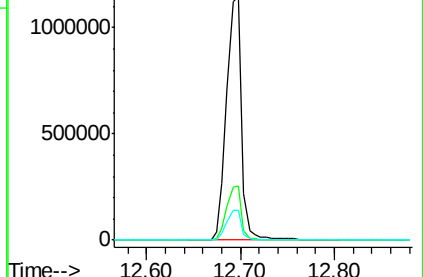
183 12.4 9.3 13.9

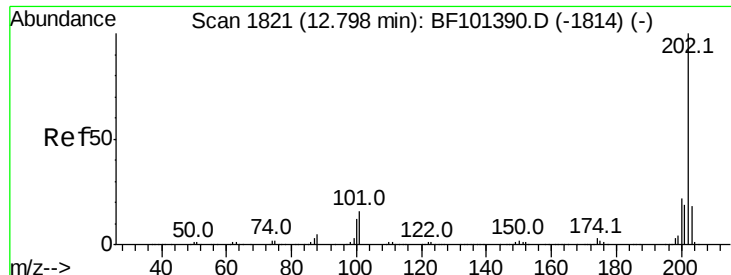


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

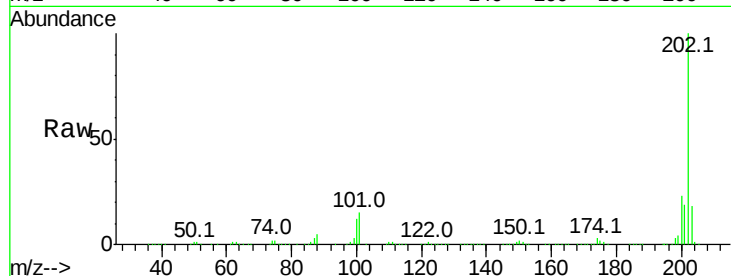




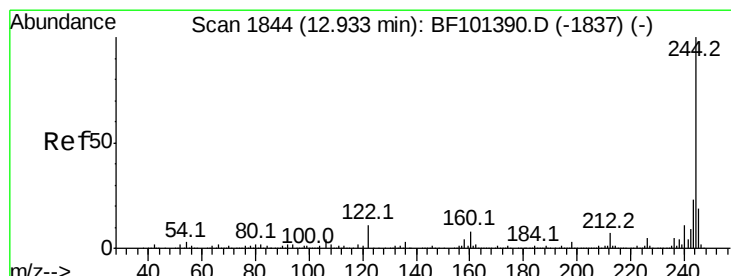
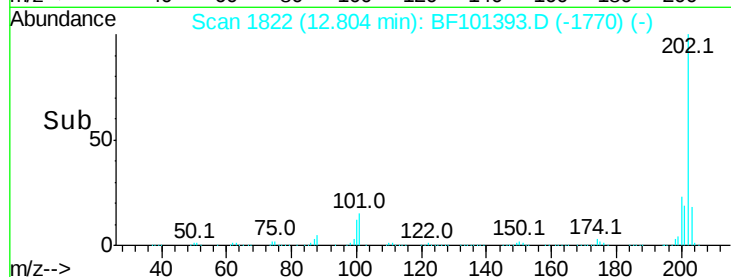
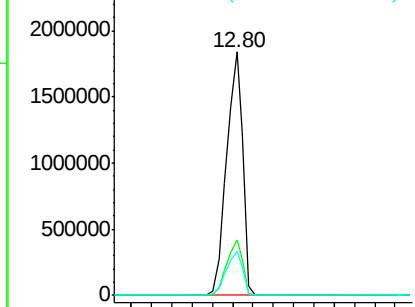
#77
Pvrene
Concen: 76.752 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2026287
Ion Ratio Lower Upper
202 100
200 22.7 17.4 26.2
203 18.3 14.3 21.5

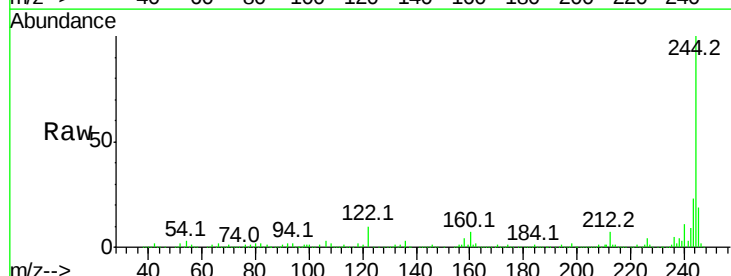


Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

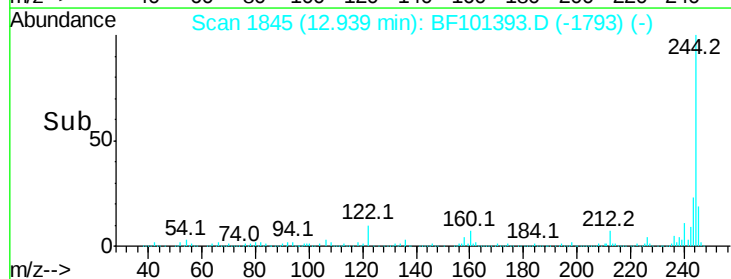
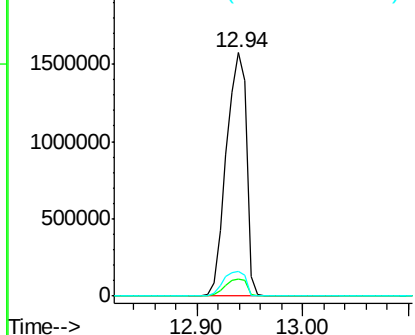


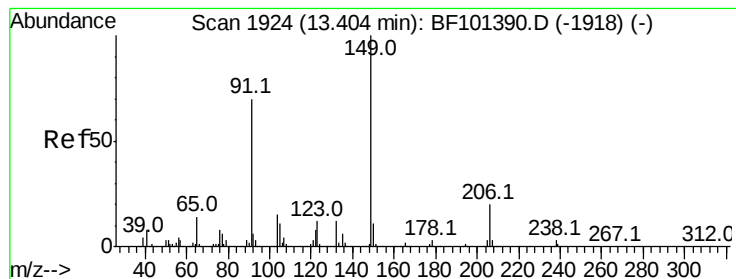
#78
Terphenyl-d14
Concen: 118.671 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:244 Resp: 2075810
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 82.749 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleID :

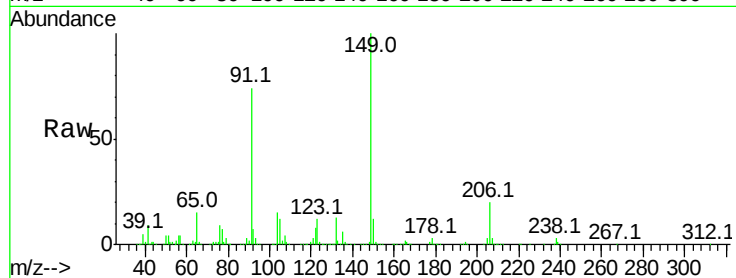
Tot Ion:149 Resp: 963171

Ion Ratio Lower Upper

149 100

91 74.0 56.8 85.2

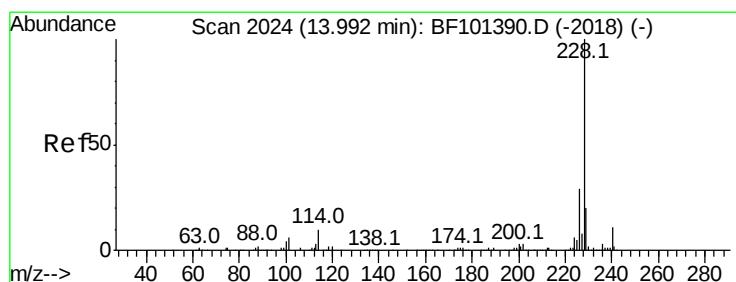
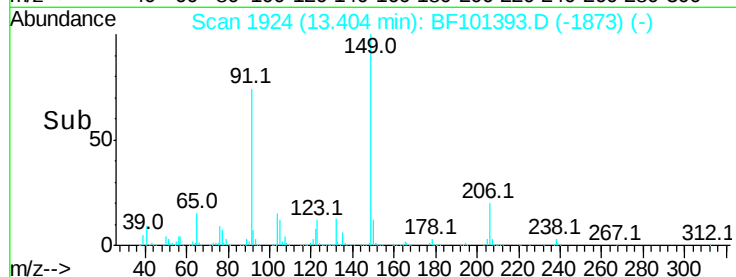
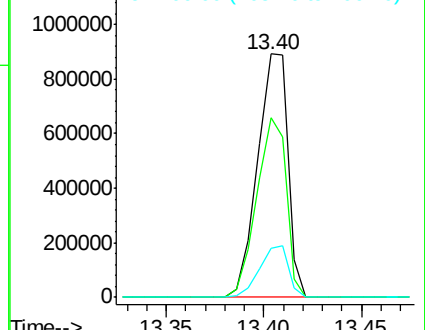
206 20.0 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 75.037 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

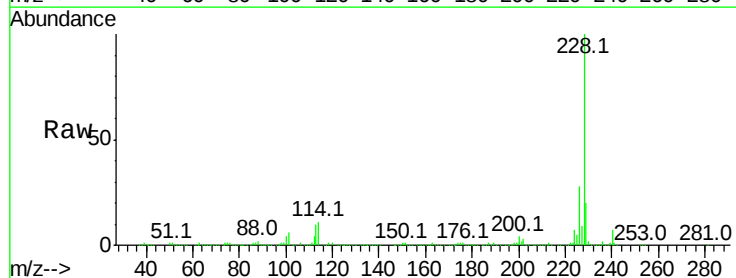
Tgt Ion:228 Resp: 1812643

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

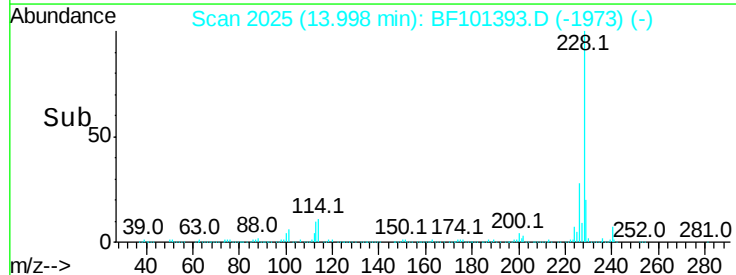
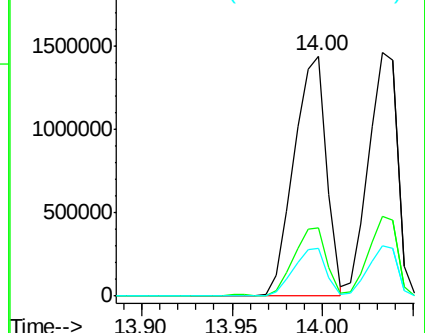
229 19.8 15.8 23.6

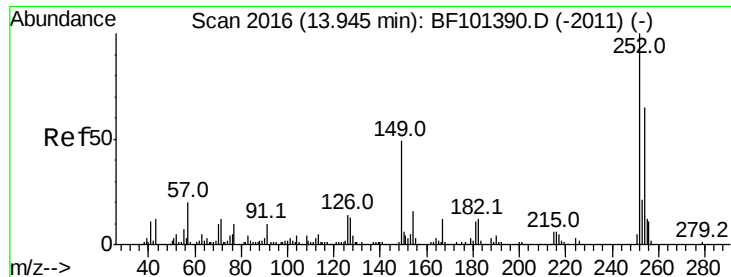


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

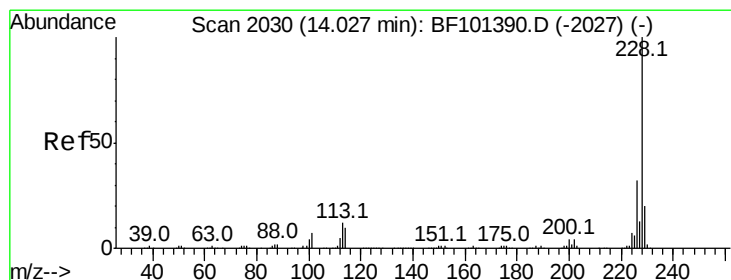
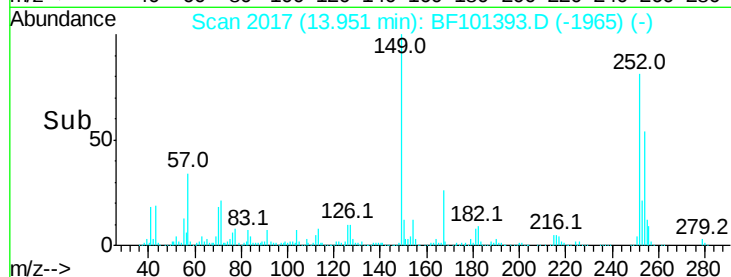
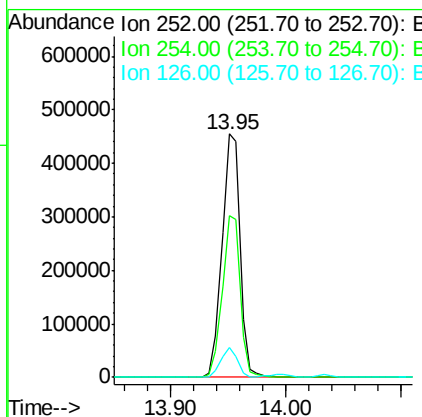
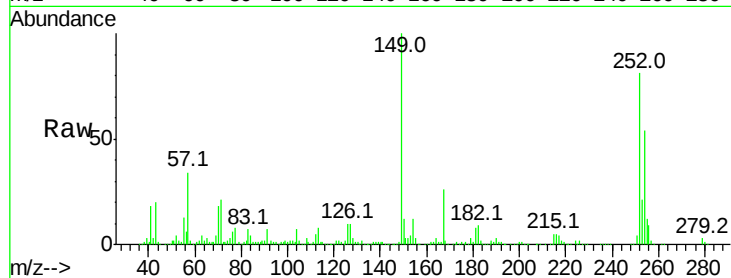




#81
 3,3'-Dichlorobenzidine
 Concen: 59.046 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

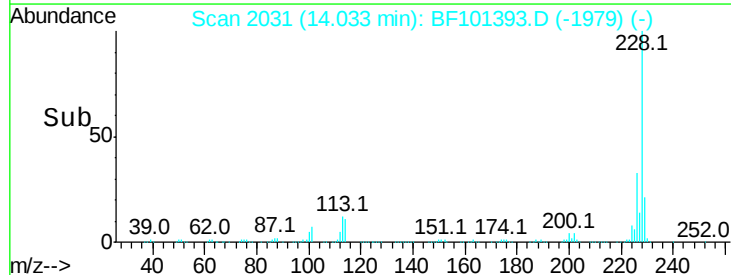
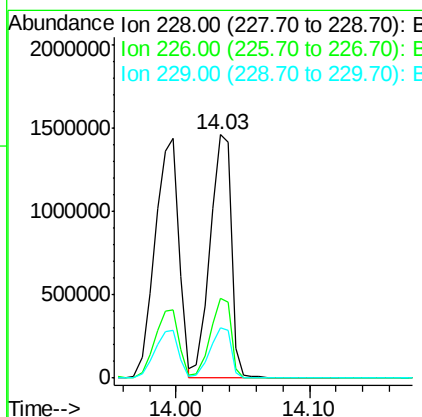
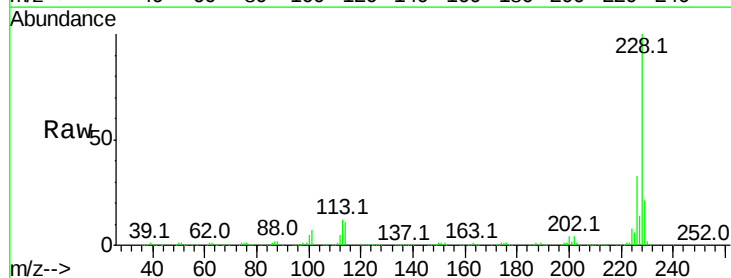
Instrument :
 BNA_F
 ClientSampleId :

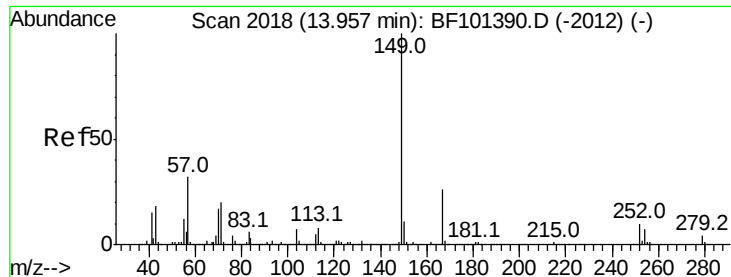
Tot Ion:252 Resp: 493979
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.4 75.6
 126 12.3 11.3 16.9



#82
 Chrysene
 Concen: 72.744 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion:228 Resp: 1631993
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.0 37.6
 229 20.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.694 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

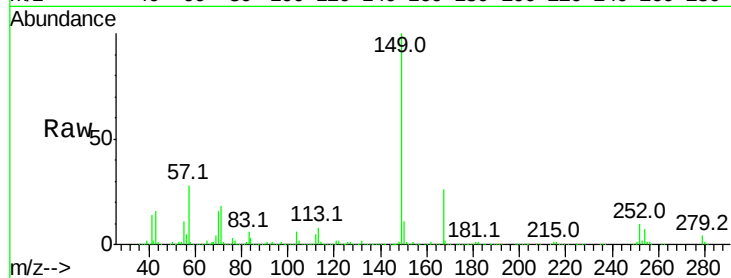
Tot Ion:149 Resp: 1040485

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

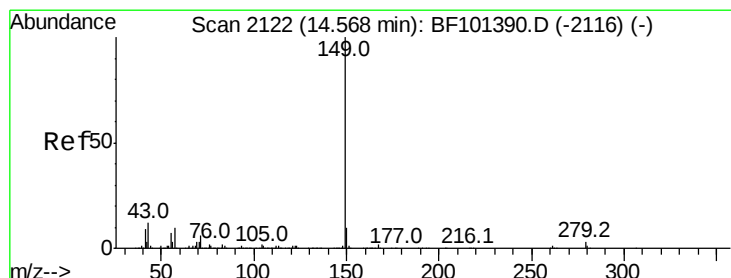
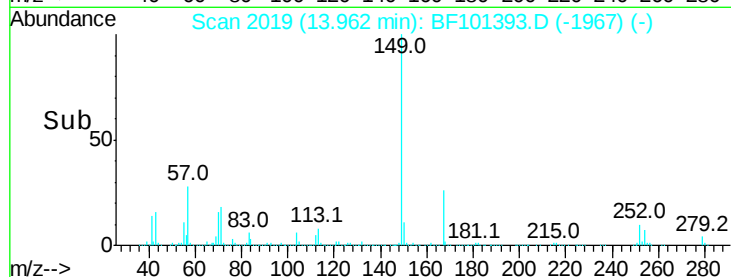
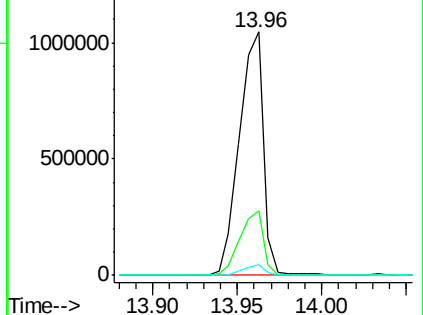
279 4.5 3.0 4.4#



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: 75.017 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

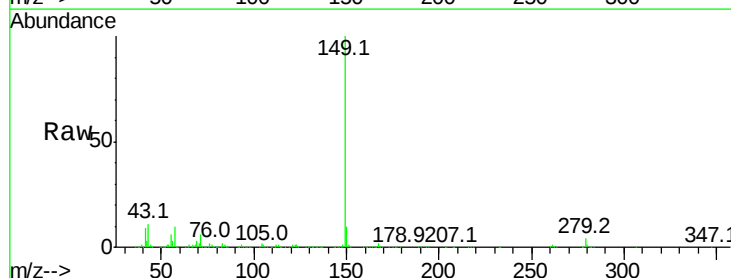
Tgt Ion:149 Resp: 2072957

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

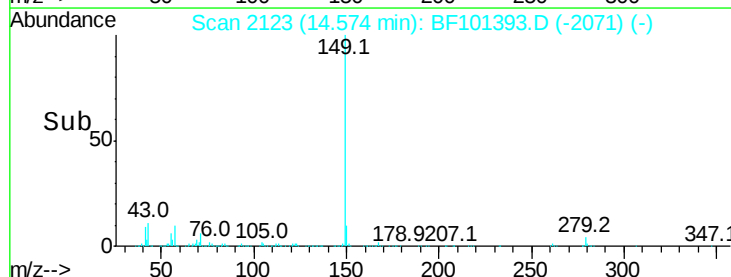
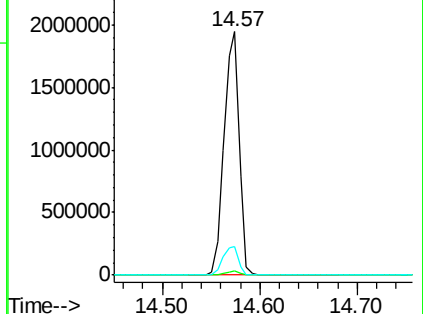
43 12.0 8.4 12.6

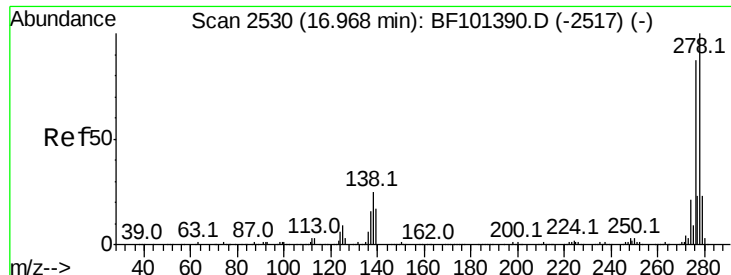


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



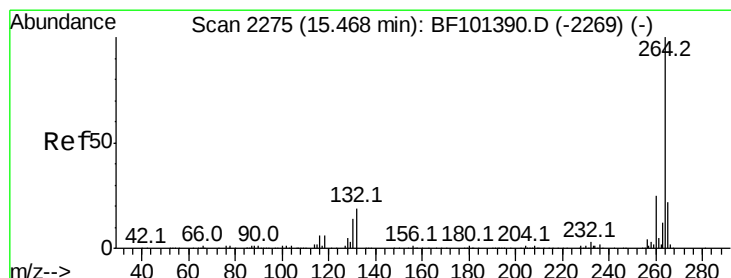
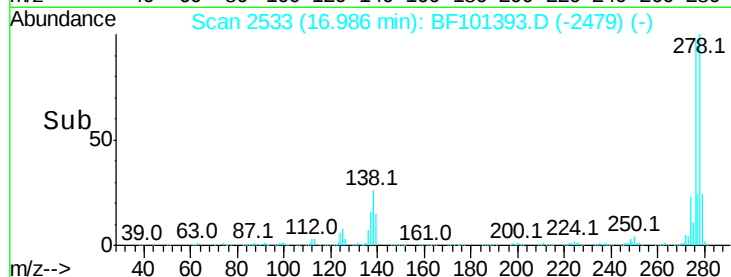
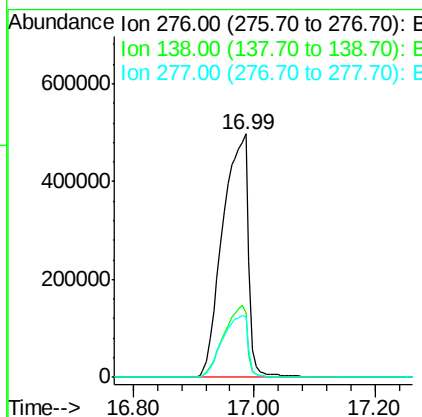
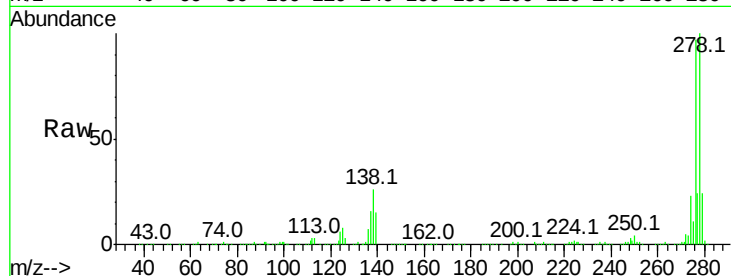


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 74.103 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.02 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1478008

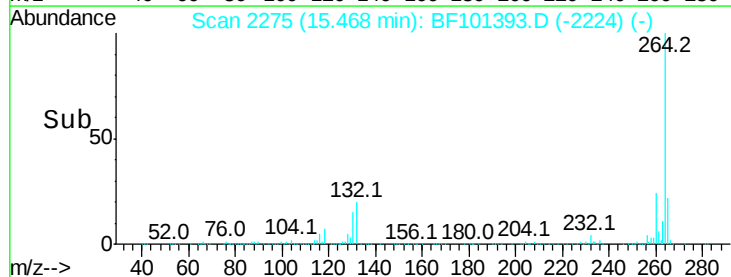
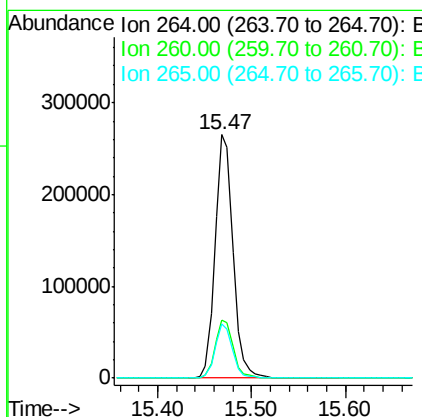
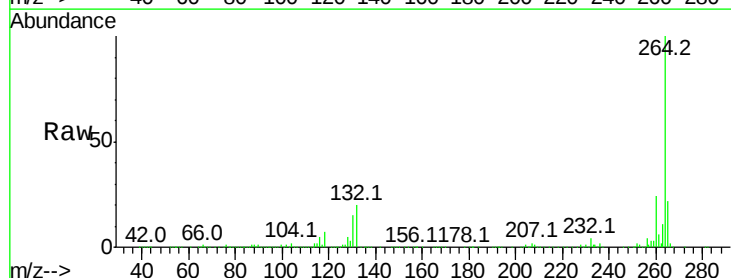
Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.2	20.1	30.1

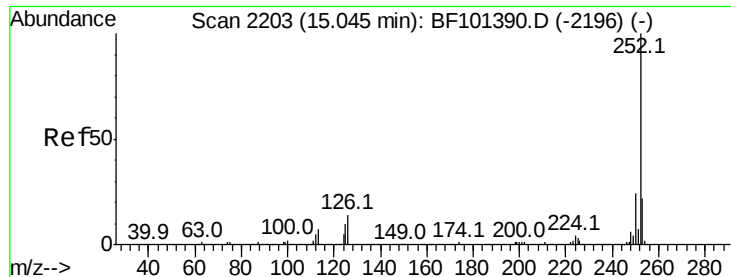


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion:264 Resp: 356772

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3

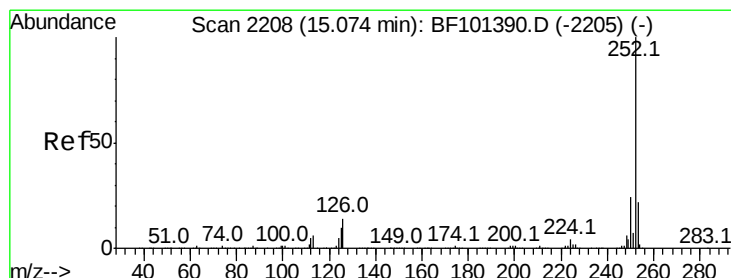
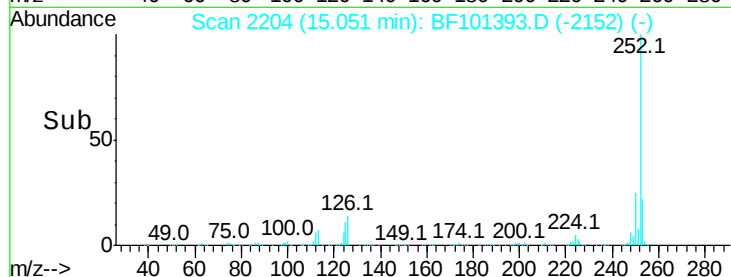
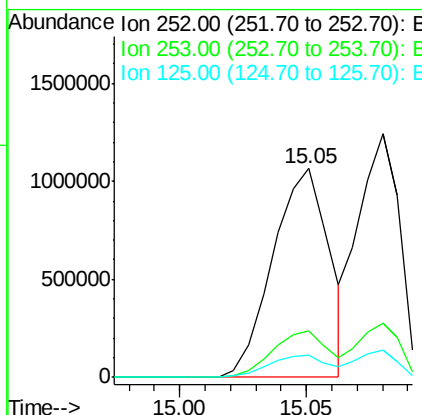
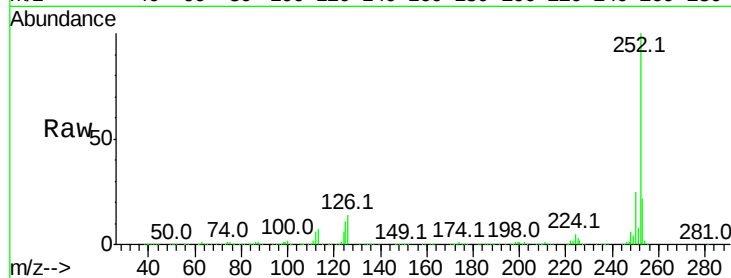




#87
Benzo(b)fluoranthene
Concen: 76.902 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

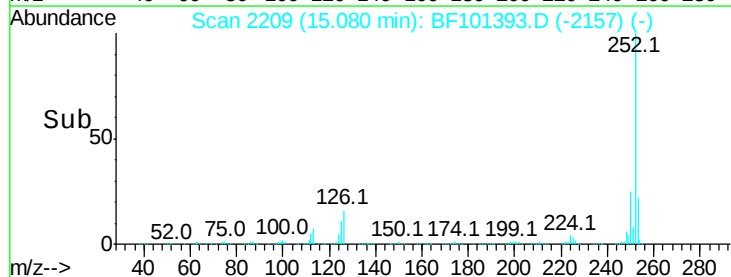
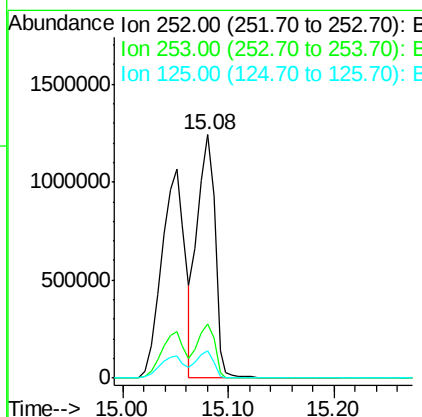
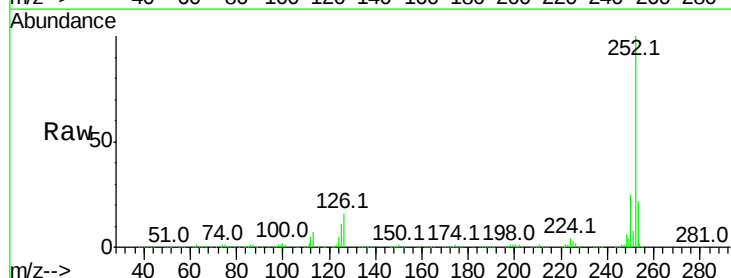
Instrument :
BNA_F
ClientSampleId :

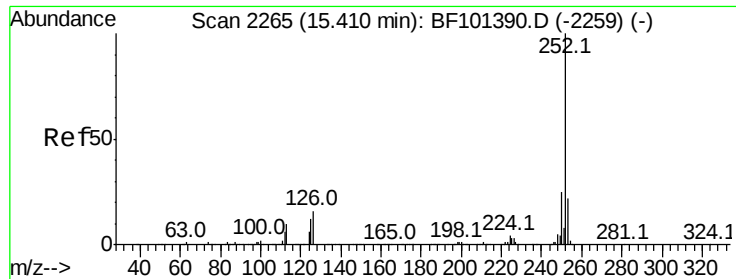
Tot Ion:252 Resp: 1643377
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 10.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 68.152 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:252 Resp: 1434867
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 74.301 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

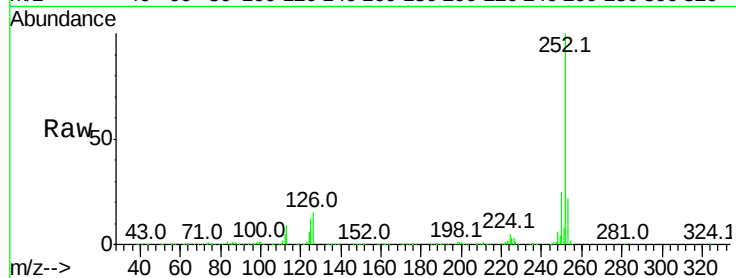
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 1443493

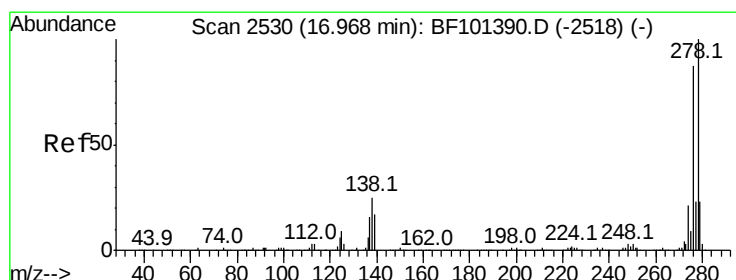
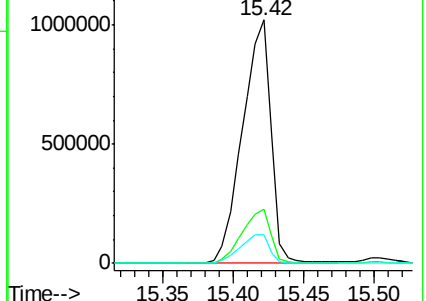
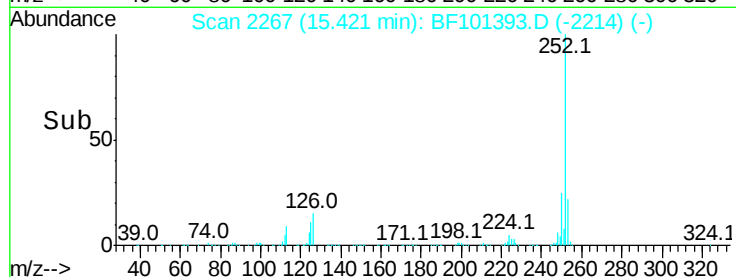
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.5	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 70.771 ng

RT: 16.98 min Scan# 2532

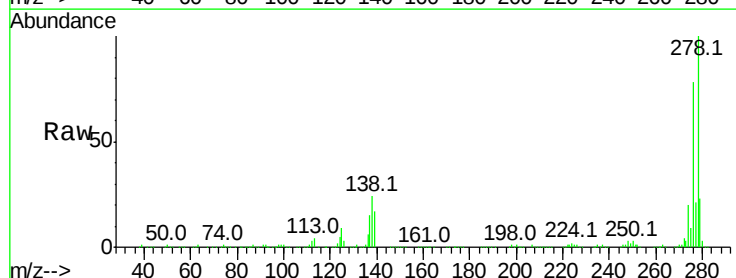
Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:278 Resp: 1212123

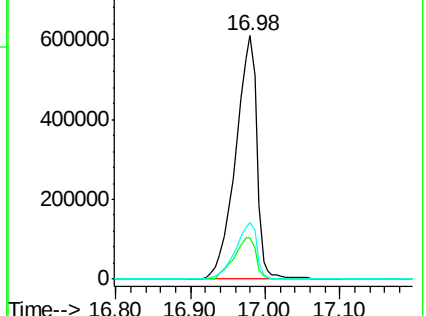
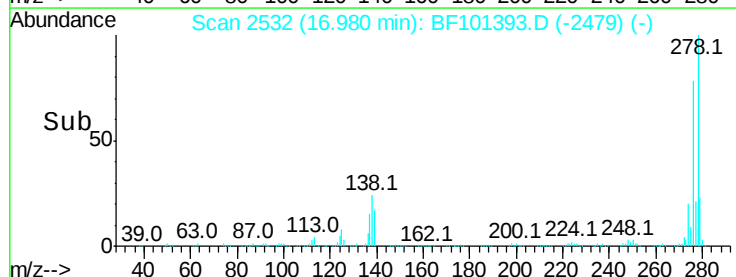
Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	23.5	19.0	28.4

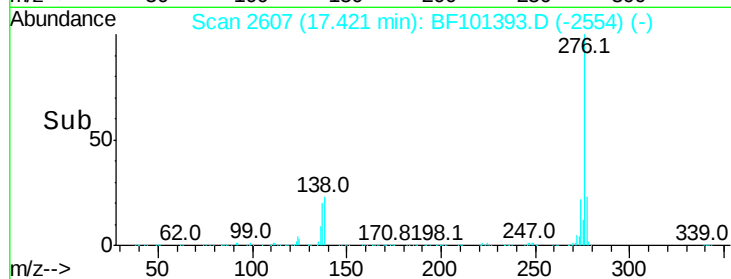
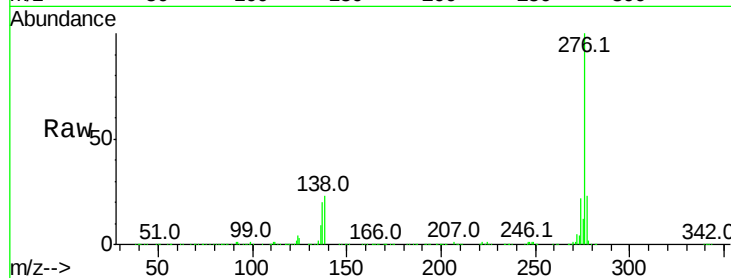
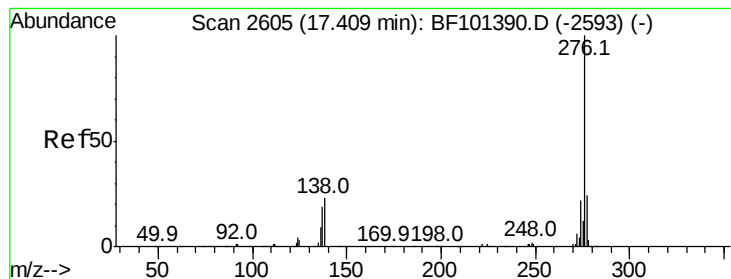


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 79.049 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	22.9	21.8	32.8

