

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101392.D
 Acq On : 14 Dec 2017 13:39
 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 14:05:49 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	158315	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	651530	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	291002	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	545533	20.00	ng	0.00
75) Chrysene-d12	14.00	240	404757	20.00	ng	0.00
86) Perylene-d12	15.47	264	382603	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1190042	124.21	ng	0.00
7) Phenol-d6	6.46	99	1453568	124.96	ng	0.00
23) Nitrobenzene-d5	7.39	82	1345901	123.23	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	318031	90.98	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1986731	93.41	ng	0.00
78) Terphenyl-d14	12.94	244	1773615	95.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	330019	83.302	ng	94
3) Pyridine	3.32	79	941698	91.693	ng	97
4) n-Nitrosodimethylamine	3.30	42	439107	87.540	ng	# 95
6) Aniline	6.49	93	1026105	67.838	ng	95
8) 2-Chlorophenol	6.61	128	615541	58.925	ng	99
9) Benzaldehyde	6.37	77	539073	75.721	ng	99
10) Phenol	6.48	94	826013	63.865	ng	# 66
11) bis(2-Chloroethyl)ether	6.56	93	689298	71.052	ng	95
12) 1,3-Dichlorobenzene	6.76	146	706126	58.052	ng	99
13) 1,4-Dichlorobenzene	6.83	146	720632	57.223	ng	99
14) 1,2-Dichlorobenzene	6.99	146	617855	52.600	ng	97
15) Benzyl Alcohol	6.97	79	470603	52.383	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1043071	79.098	ng	84
17) 2-Methylphenol	7.08	107	567138	67.236	ng	# 92
18) Hexachloroethane	7.32	117	254122	62.809	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	459295	58.631	ng	95
20) 3+4-Methylphenols	7.24	107	574067	52.185	ng	# 60
22) Acetophenone	7.24	105	793752	50.427	ng	# 86
24) Nitrobenzene	7.42	77	721877	67.438	ng	98
25) Isophorone	7.65	82	1340085	71.831	ng	99
26) 2-Nitrophenol	7.72	139	346139	58.905	ng	94
27) 2,4-Dimethylphenol	7.76	122	530318	62.387	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	815430	65.033	ng	98
29) 2,4-Dichlorophenol	7.97	162	534155	57.729	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	543322	53.402	ng	97
31) Naphthalene	8.13	128	1751200	54.536	ng	99
32) Benzoic acid	7.93	122	399533	60.431	ng	93
33) 4-Chloroaniline	8.18	127	762433	59.094	ng	98
34) Hexachlorobutadiene	8.23	225	316061	50.649	ng	99
35) Caprolactam	8.58	113	148732	51.579	ng	# 85
36) 4-Chloro-3-methylphenol	8.67	107	568458	59.310	ng	99
37) 2-Methylnaphthalene	8.82	142	1123736	51.503	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	539019	50.988	ng	97
40) Hexachlorocyclopentadiene	8.96	237	111347	35.547	ng	97

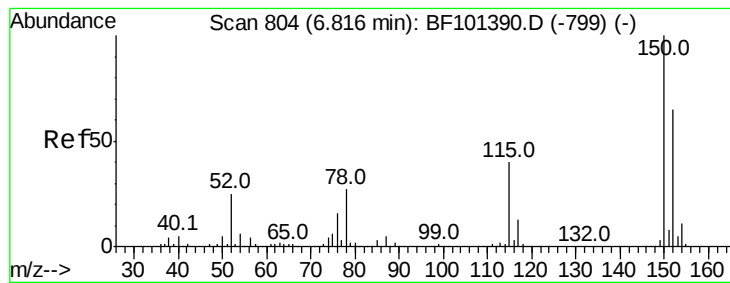
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	346291	55.880	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	378279	57.097	nq	98
45) 1,1'-Biphenyl	9.28	154	1368193	51.317	nq	100
46) 2-Chloronaphthalene	9.31	162	1061669	56.070	nq	98
47) 2-Nitroaniline	9.42	65	397860	71.020	nq	92
48) Acenaphthylene	9.73	152	1605973	51.611	nq	99
49) Dimethylphthalate	9.59	163	1282818	54.661	nq	100
50) 2,6-Dinitrotoluene	9.66	165	277155	56.070	nq	# 84
51) Acenaphthene	9.90	154	988427	53.048	nq	99
52) 3-Nitroaniline	9.83	138	343206	61.741	nq	99
53) 2,4-Dinitrophenol	9.95	184	94071	41.739	nq	# 18
54) Dibenzofuran	10.07	168	1266472	47.166	nq	97
55) 4-Nitrophenol	10.00	139	168742	45.012	nq	91
56) 2,4-Dinitrotoluene	10.07	165	300725	45.396	nq	# 79
57) Fluorene	10.42	166	1087344	49.815	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	274846	51.812	nq	89
59) Diethylphthalate	10.28	149	1238048	53.484	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	525342	48.746	nq	94
61) 4-Nitroaniline	10.45	138	346607	60.068	nq	98
62) Azobenzene	10.56	77	1254737	63.872	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	188260	51.451	nq	95
65) n-Nitrosodiphenylamine	10.53	169	1086944	56.477	nq	95
66) 4-Bromophenyl-phenylether	10.89	248	339399	55.582	nq	# 86
67) Hexachlorobenzene	10.96	284	356030	54.402	nq	93
68) Atrazine	11.05	200	330829	56.038	nq	97
69) Pentachlorophenol	11.16	266	153888	42.766	nq	97
70) Phenanthrene	11.38	178	1576054	52.461	nq	99
71) Anthracene	11.43	178	1582840	52.058	nq	99
72) Carbazole	11.59	167	1522267	54.796	nq	99
73) Di-n-butylphthalate	11.90	149	1826476	52.454	nq	100
74) Fluoranthene	12.57	202	1680980	50.478	nq	99
76) Benzidine	12.69	184	1021911	77.641	nq	# 91
77) Pyrene	12.80	202	1697011	60.761	nq	99
79) Butylbenzylphthalate	13.40	149	804631	65.344	nq	96
80) Benzo(a)anthracene	13.99	228	1521250	59.527	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	445635	50.351	nq	96
82) Chrysene	14.03	228	1389986	58.565	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	925785	52.729	nq	99
84) Di-n-octyl phthalate	14.57	149	1756494	60.085	nq	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	1204119	57.066	nq	96
87) Benzo(b)fluoranthene	15.04	252	1303202	56.866	nq	98
88) Benzo(k)fluoranthene	15.07	252	1286928	56.998	nq	99
89) Benzo(a)pyrene	15.42	252	1211496	58.149	nq	99
90) Dibenzo(a,h)anthracene	16.97	278	1001627	54.533	nq	97
91) Benzo(g,h,i)perylene	17.42	276	1025677	59.254	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

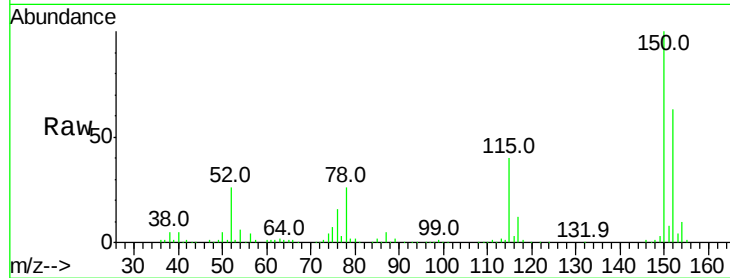
Tot Ion:152 Resp: 158315

Ion Ratio Lower Upper

152 100

150 159.3 124.6 186.8

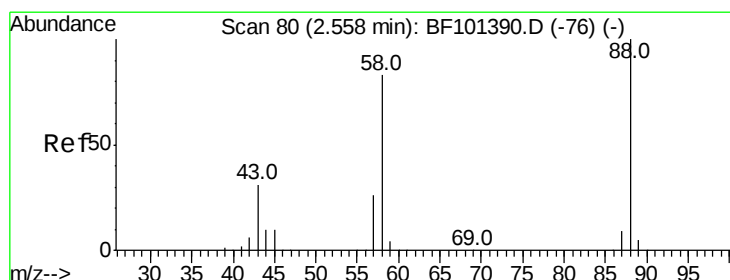
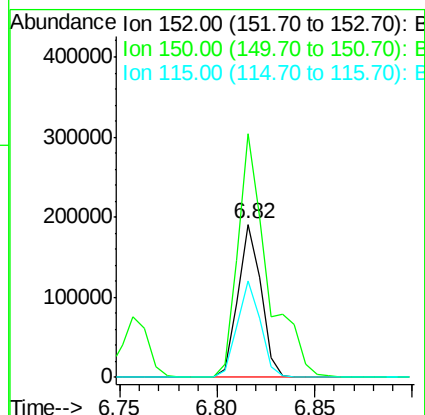
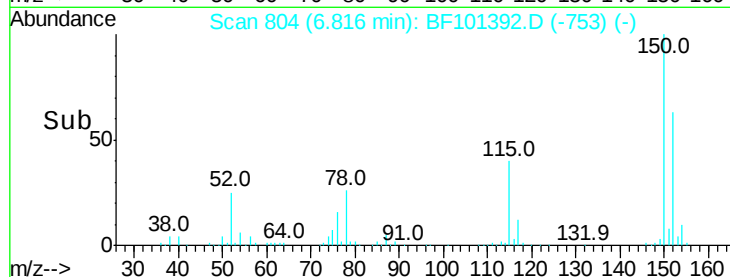
115 63.1 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 83.302 ng

RT: 2.56 min Scan# 80

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

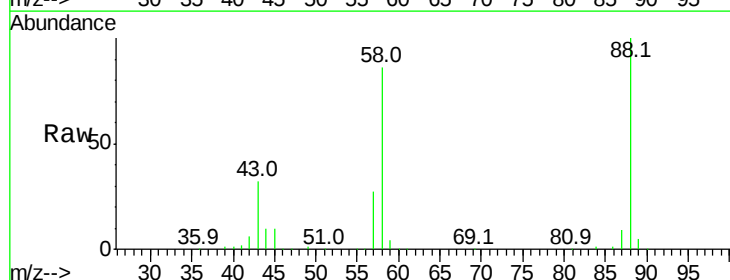
Tgt Ion: 88 Resp: 330019

Ion Ratio Lower Upper

88 100

58 83.9 62.6 93.8

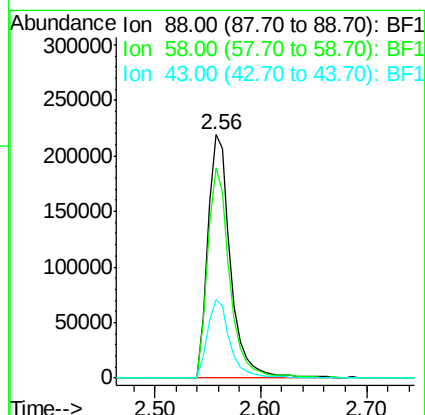
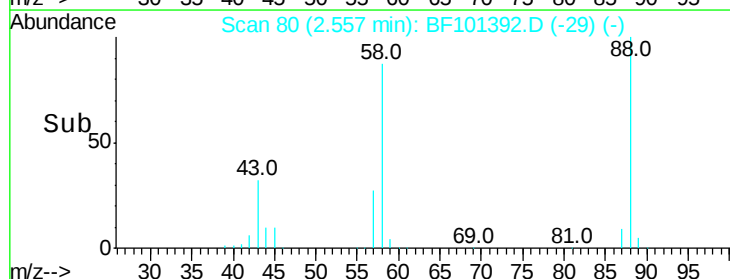
43 32.4 24.6 37.0

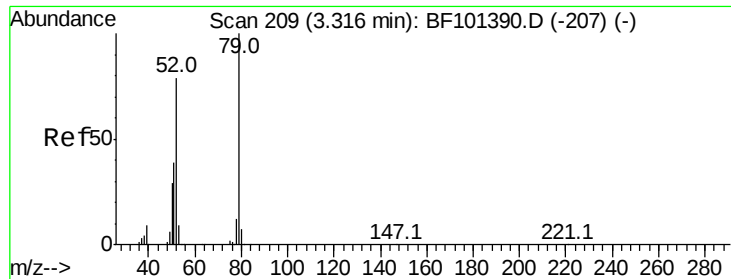


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

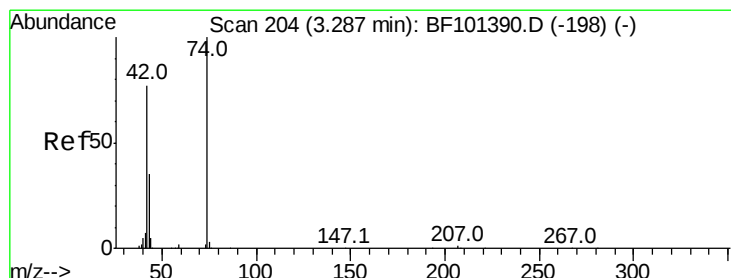
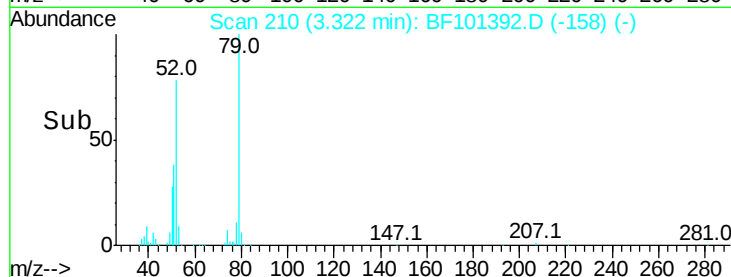
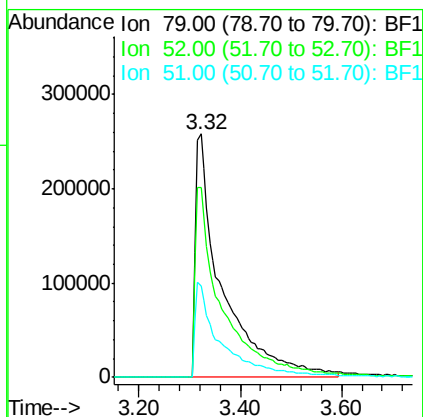
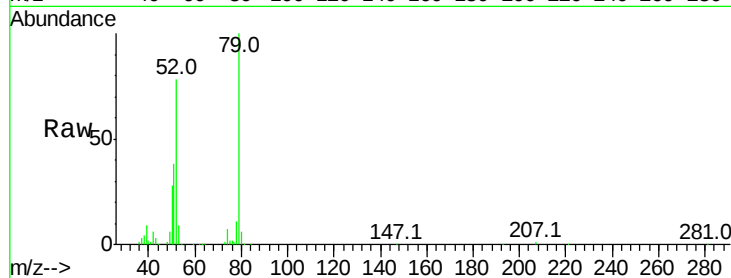




#3
 Pvridine
 Concen: 91.693 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

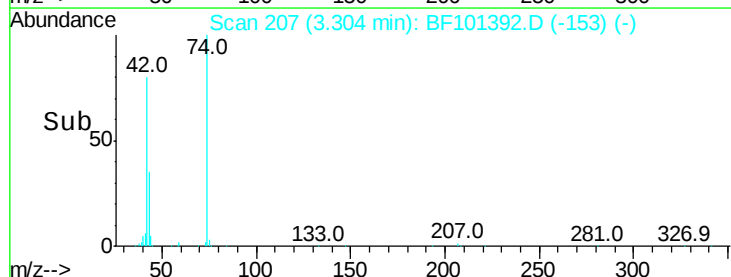
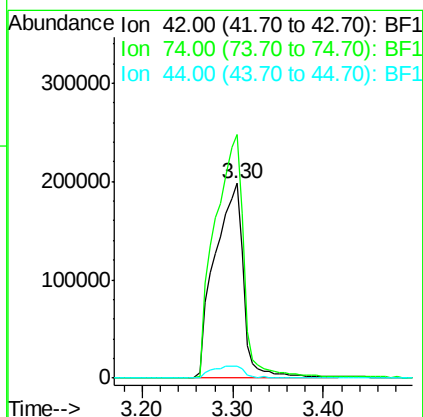
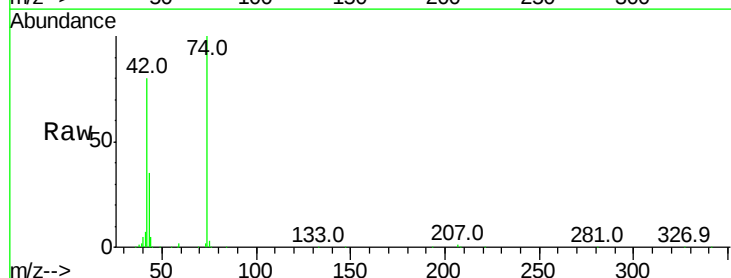
Instrument :
 BNA_F
 ClientSampleId :

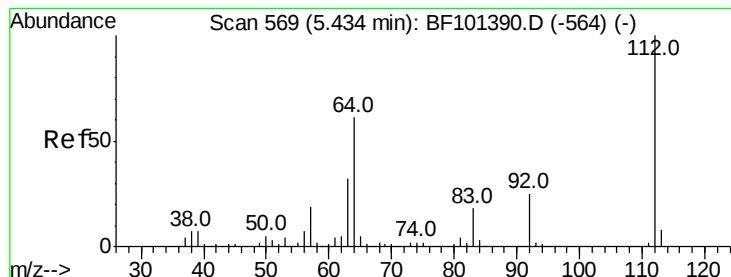
Tot Ion: 79 Resp: 941698
 Ion Ratio Lower Upper
 79 100
 52 77.8 59.8 89.6
 51 37.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 87.540 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.02 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion: 42 Resp: 439107
 Ion Ratio Lower Upper
 42 100
 74 125.2 104.9 157.3
 44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 124.213 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampled :

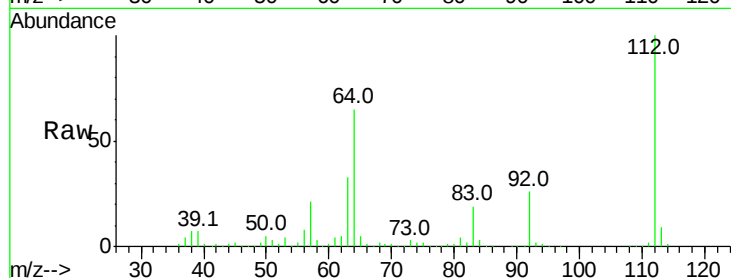
Tot Ion:112 Resp: 1190042

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

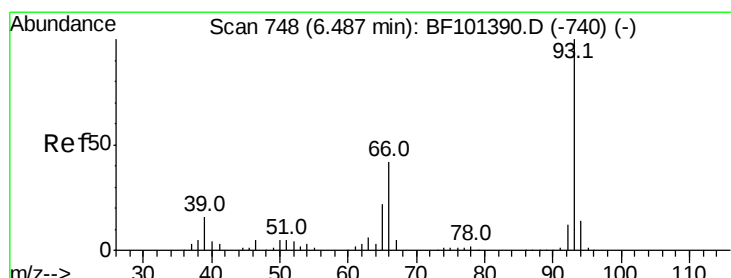
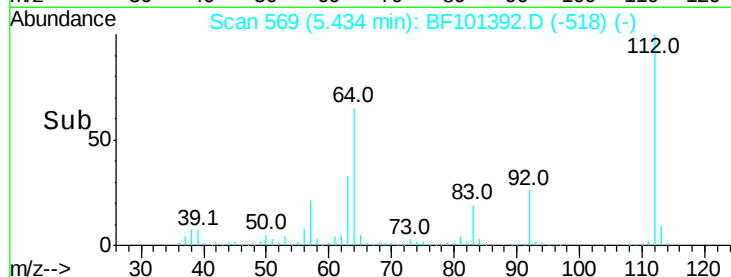
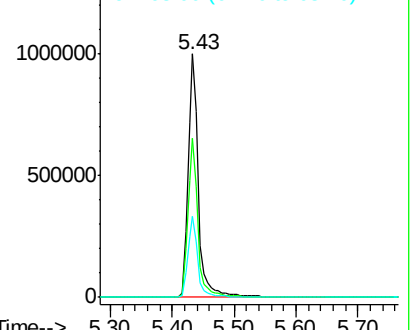
63 33.3 23.7 35.5



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: 67.838 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

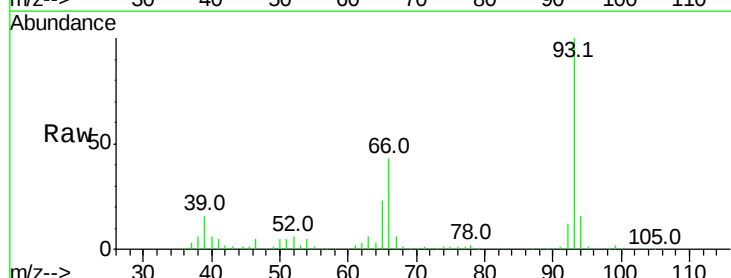
Tgt Ion: 93 Resp: 1026105

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

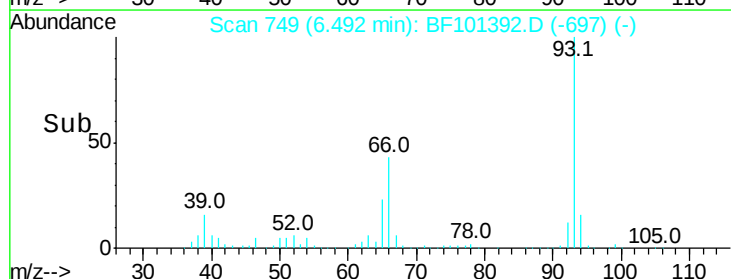
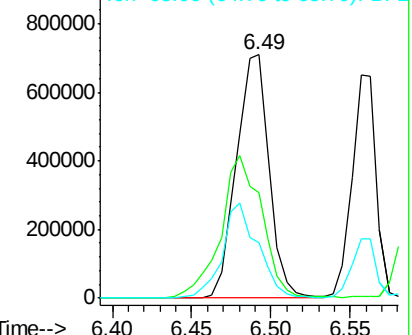
65 22.6 16.4 24.6

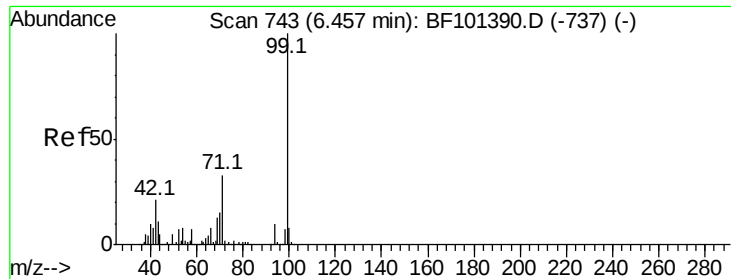


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.964 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

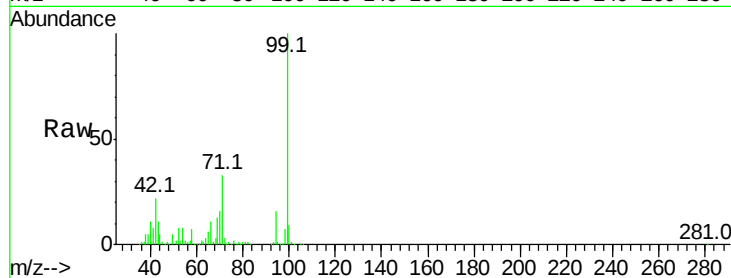
Tot Ion: 99 Resp: 1453568

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7#

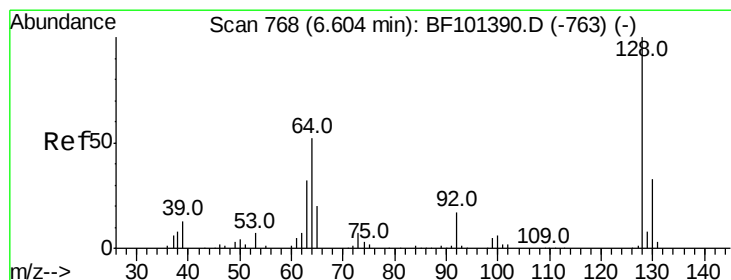
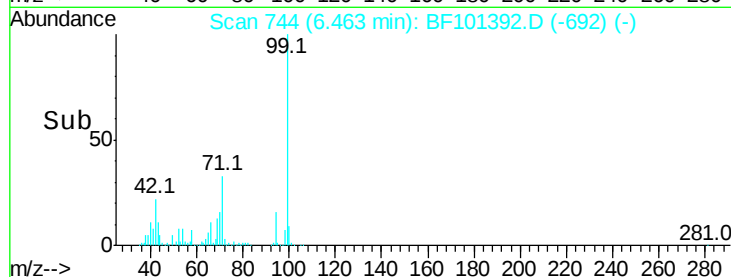
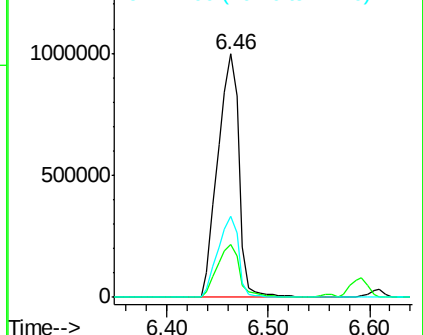
71 33.3 25.4 38.0



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: 58.925 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

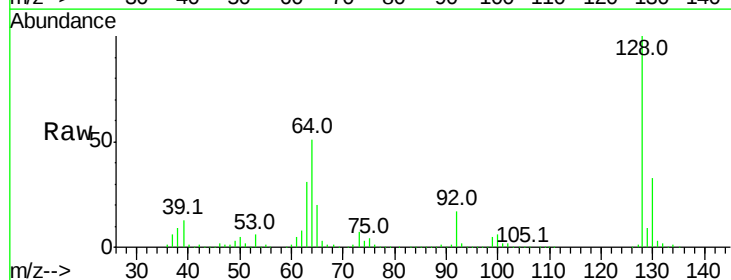
Tgt Ion:128 Resp: 615541

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

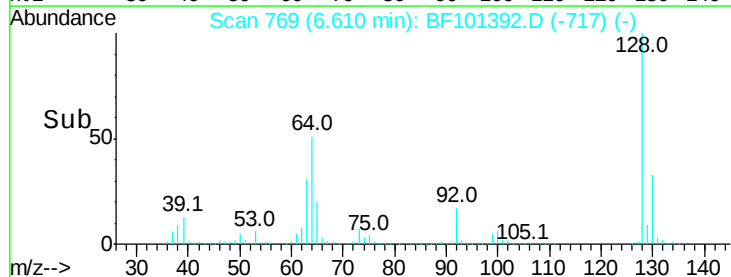
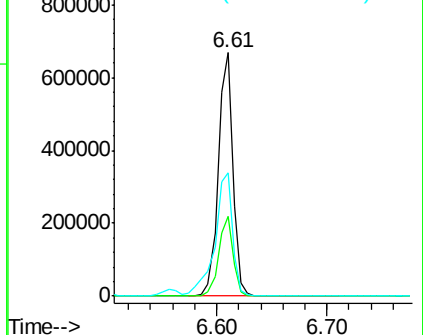
64 50.7 29.4 69.4

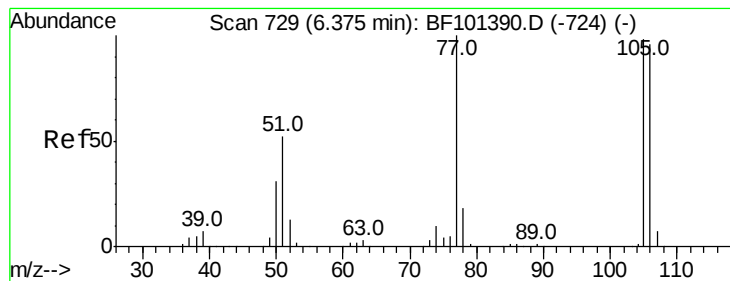


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 75.721 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampled :

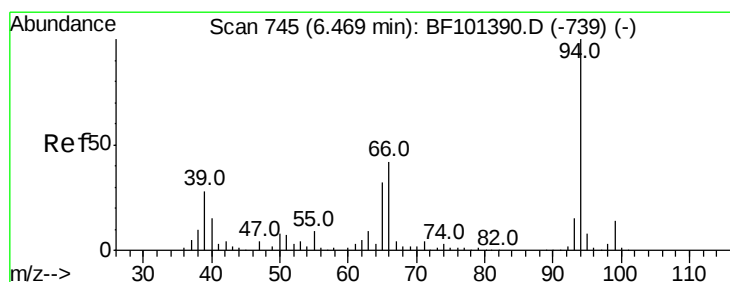
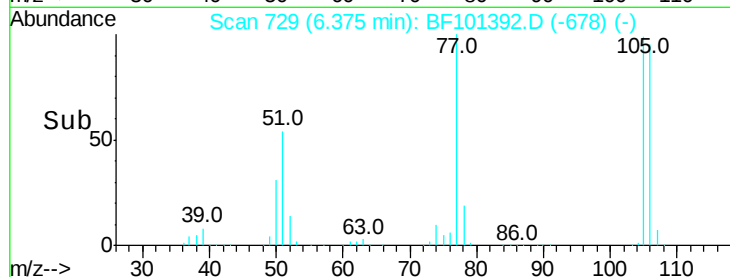
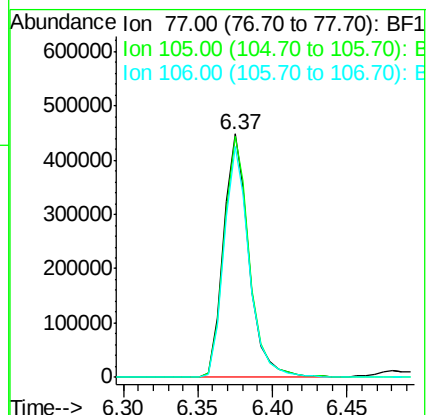
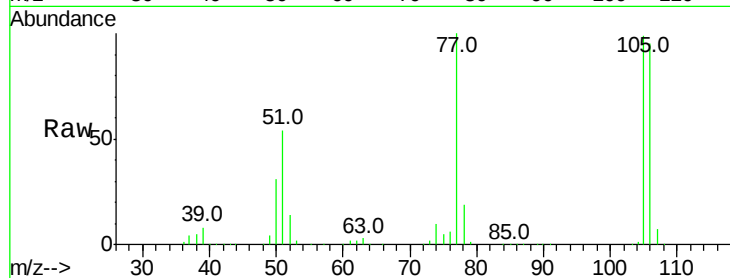
Tot Ion: 77 Resp: 539073

Ion Ratio Lower Upper

77 100

105 98.9 81.1 121.1

106 94.9 74.5 114.5



#10

Phenol

Concen: 63.865 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

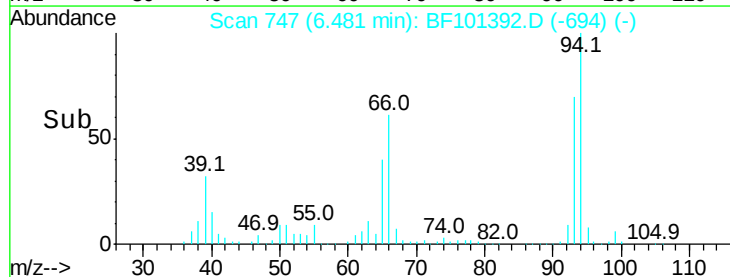
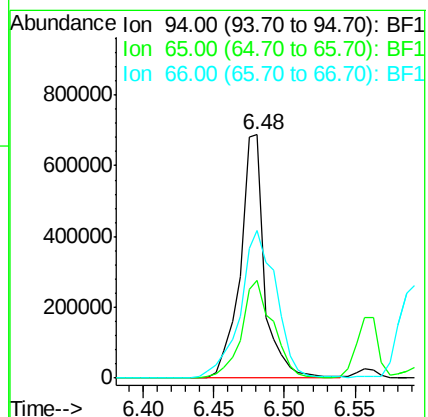
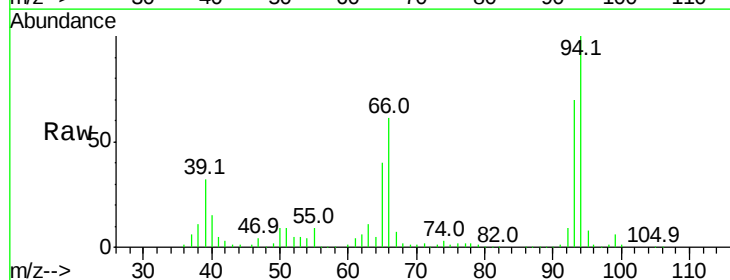
Tgt Ion: 94 Resp: 826013

Ion Ratio Lower Upper

94 100

65 40.3 7.9 47.9

66 60.6 16.2 56.2#

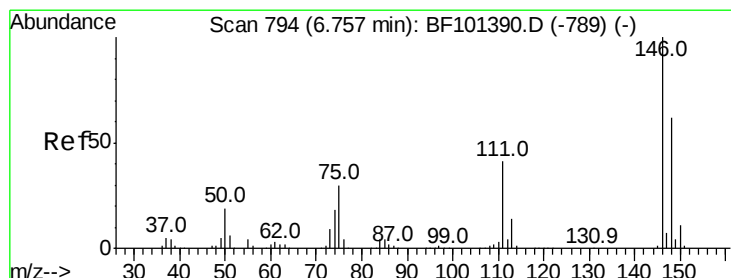
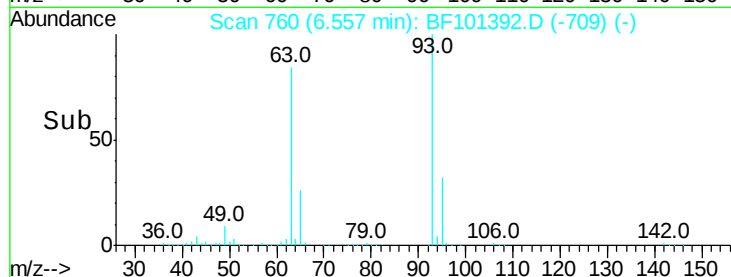
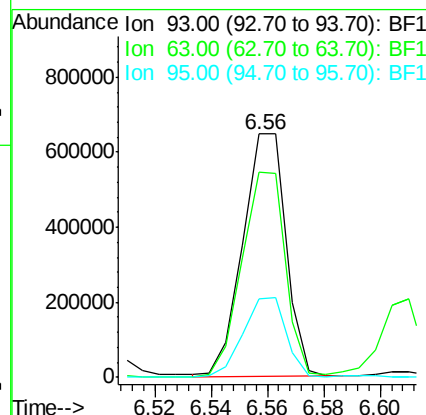
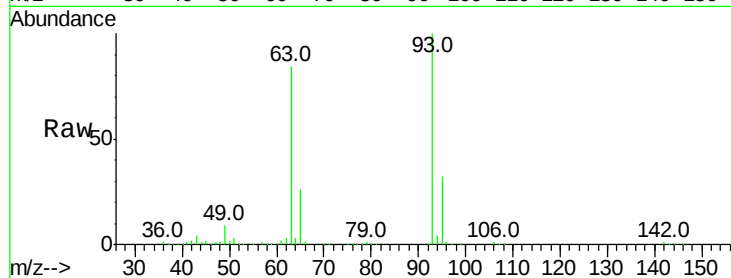




#11
bis(2-Chloroethyl)ether
Concen: 71.052 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

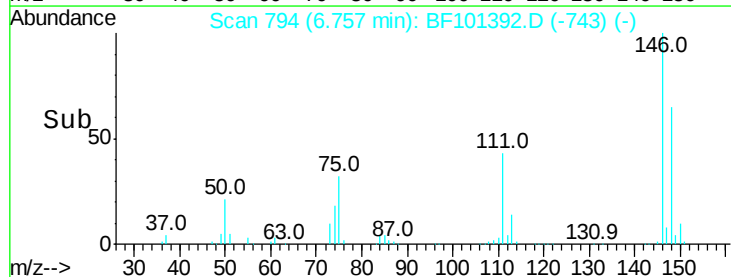
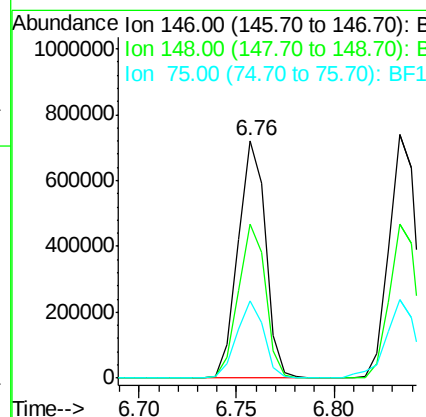
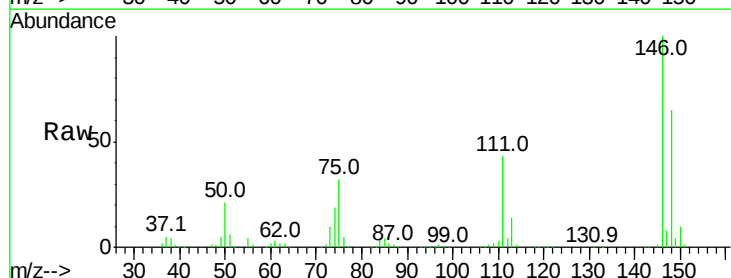
Instrument :
BNA_F
ClientSampleId :

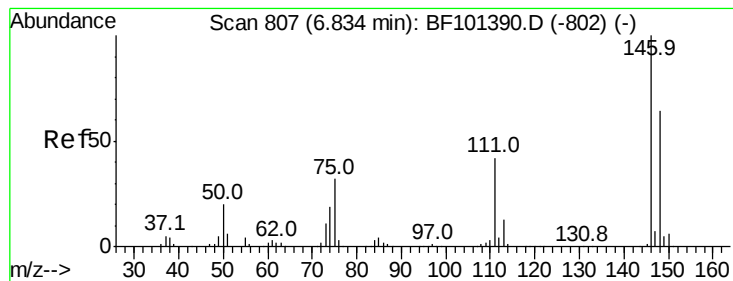
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.4	58.6	98.6
95	32.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 58.052 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	32.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 57.223 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampled :

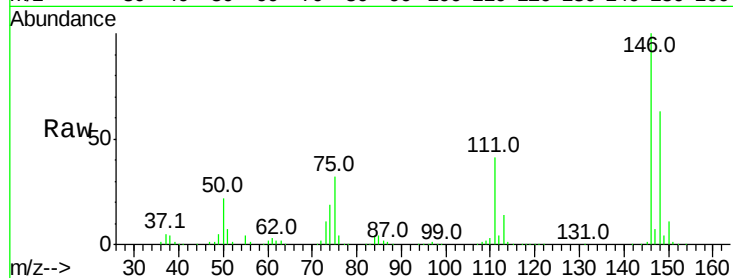
Tot Ion:146 Resp: 720632

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

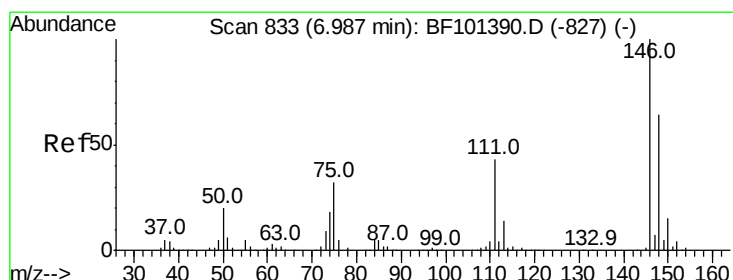
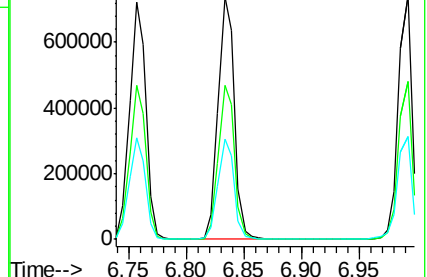
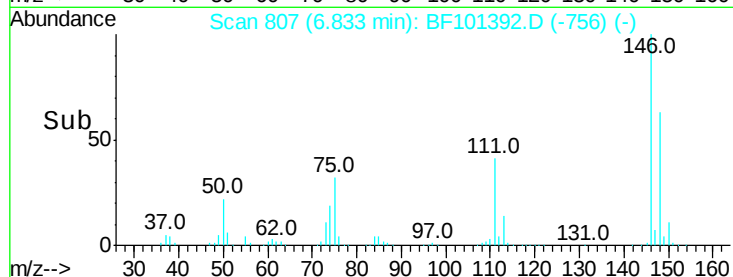
111 41.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 52.600 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

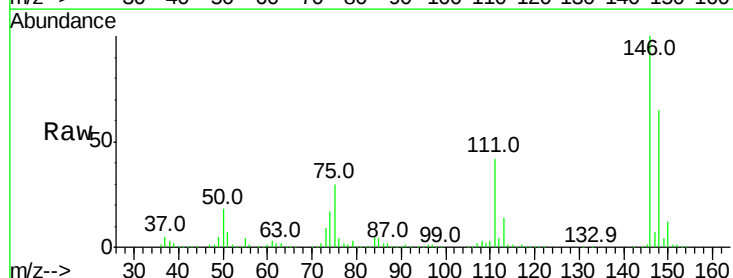
Tgt Ion:146 Resp: 617855

Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

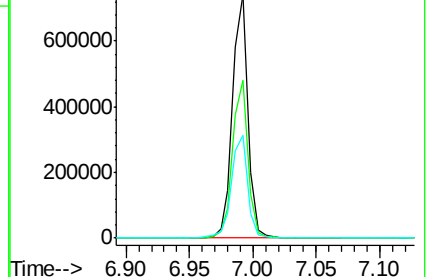
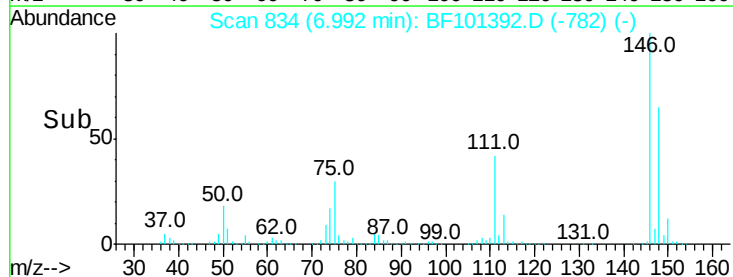
111 42.4 36.0 54.0

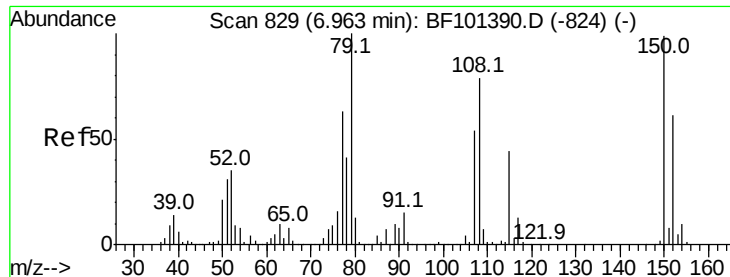


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.383 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampled :

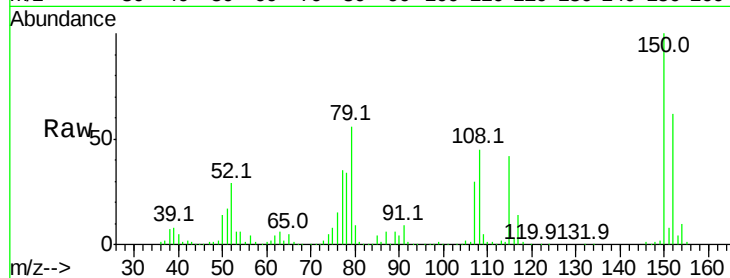
Tot Ion: 79 Resp: 470603

Ion Ratio Lower Upper

79 100

108 79.4 65.1 97.7

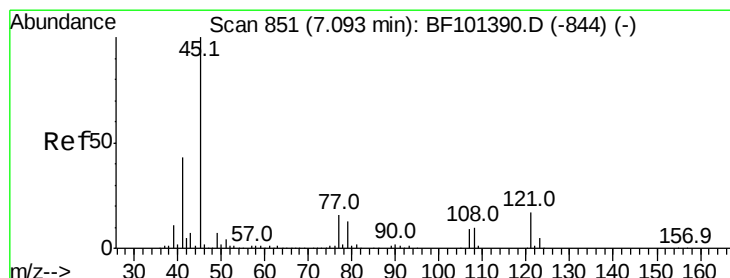
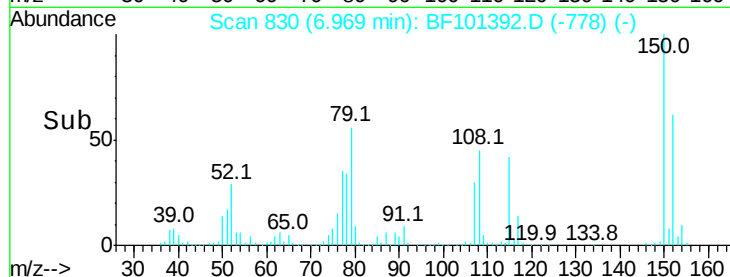
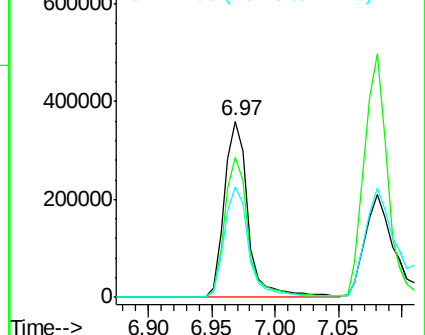
77 62.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 79.098 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

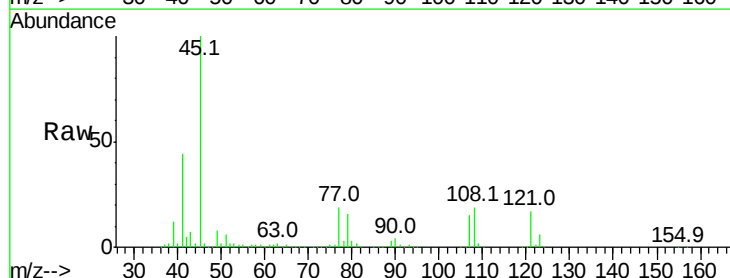
Tgt Ion: 45 Resp: 1043071

Ion Ratio Lower Upper

45 100

77 18.7 0.0 32.9

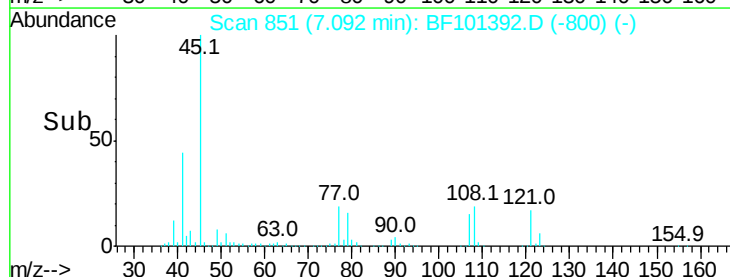
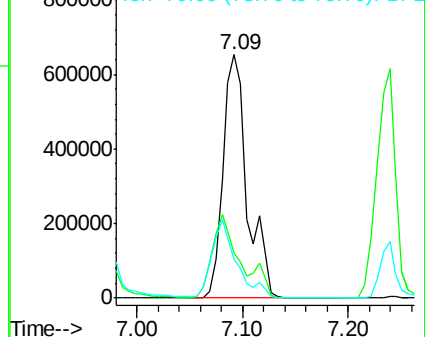
79 15.7 0.0 29.6

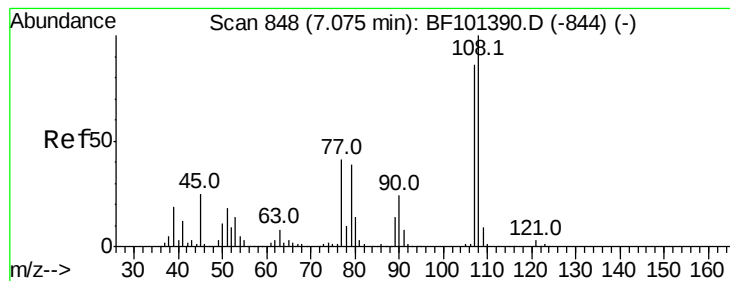


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 67.236 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 567138

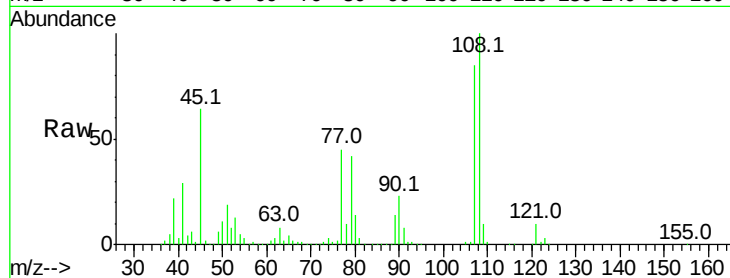
Ion Ratio Lower Upper

107 100

108 117.6 91.7 137.5

77 52.6 33.8 50.8#

79 49.8 33.8 50.8

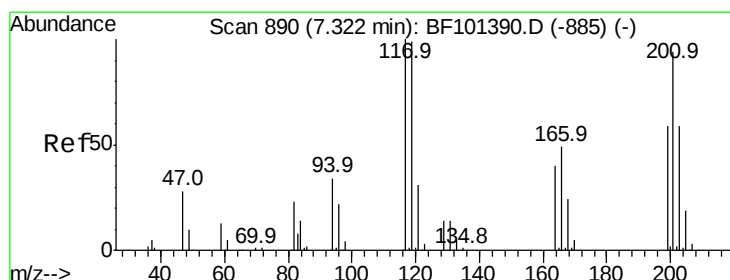
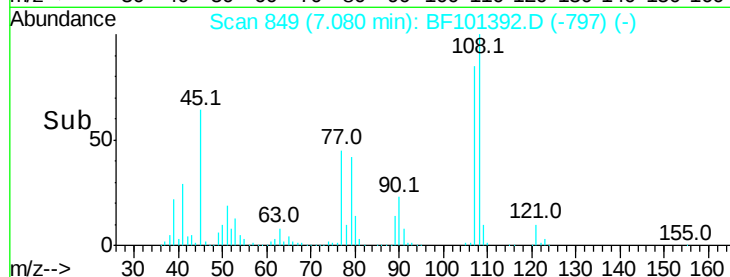
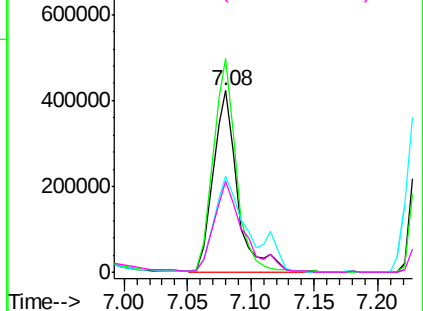


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 62.809 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

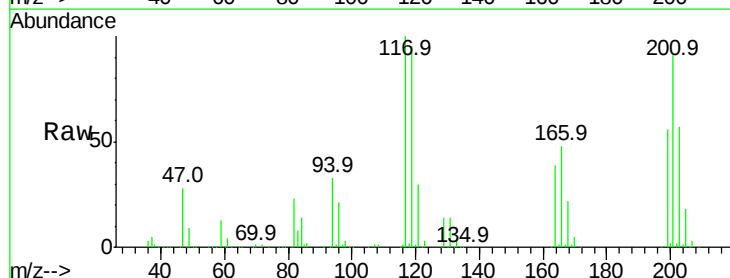
Tgt Ion:117 Resp: 254122

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

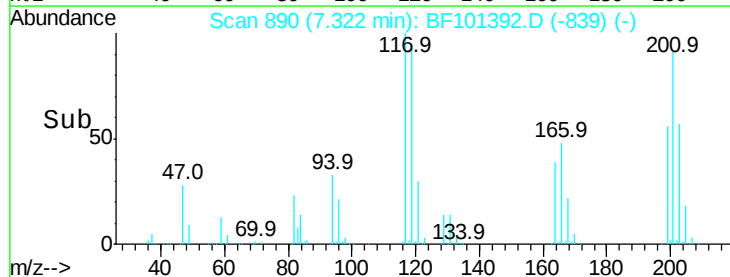
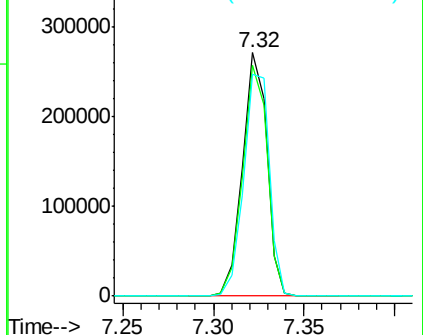
201 91.2 75.7 113.5

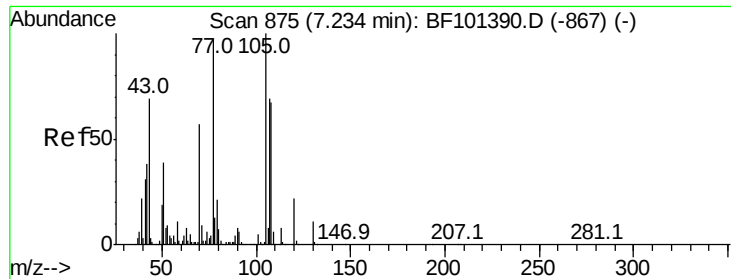


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

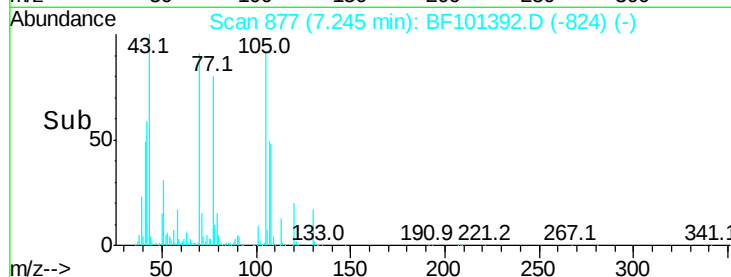
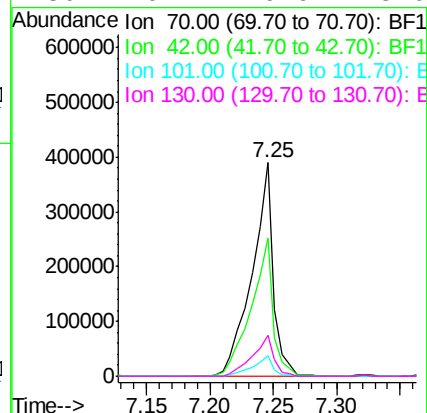
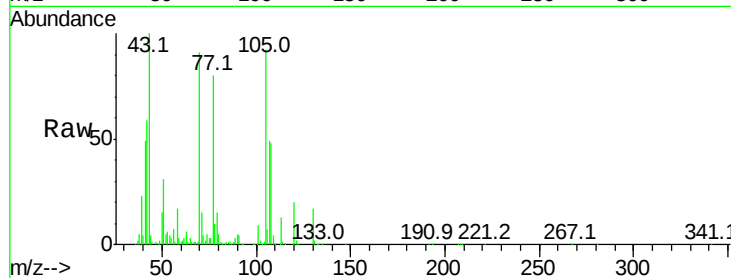




#19
n-Nitroso-di-n-propylamine
Concen: 58.631 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

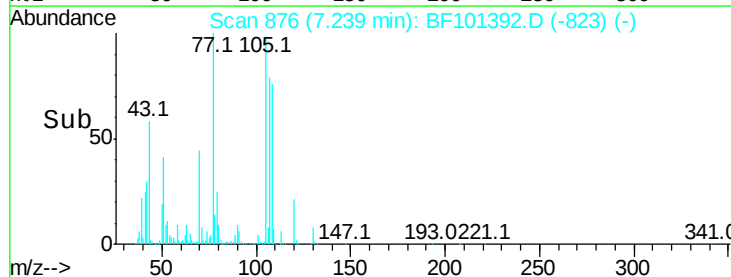
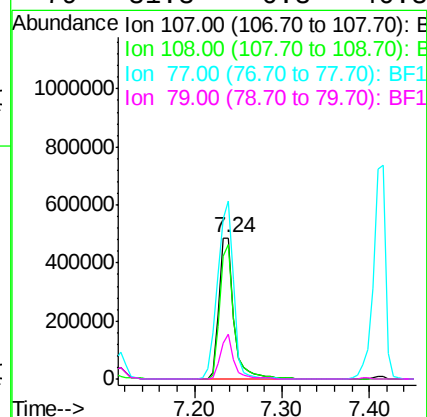
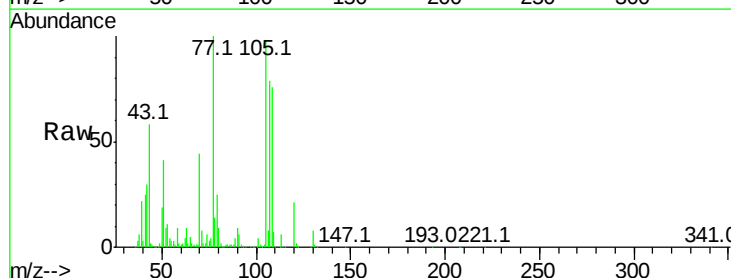
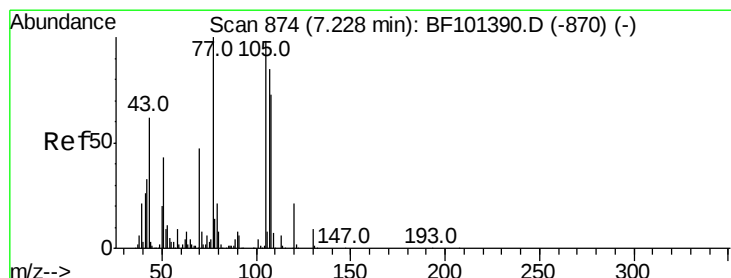
Instrument :
BNA_F
ClientSampleId :

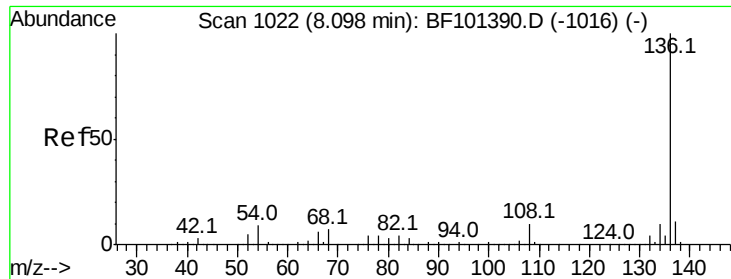
Tot Ion: 70 Resp: 459295
Ion Ratio Lower Upper
70 100
42 64.6 47.5 71.3
101 9.4 7.4 11.2
130 19.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 52.185 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:107 Resp: 574067
Ion Ratio Lower Upper
107 100
108 95.5 68.2 108.2
77 126.0 26.7 66.7#
79 31.3 6.3 46.3

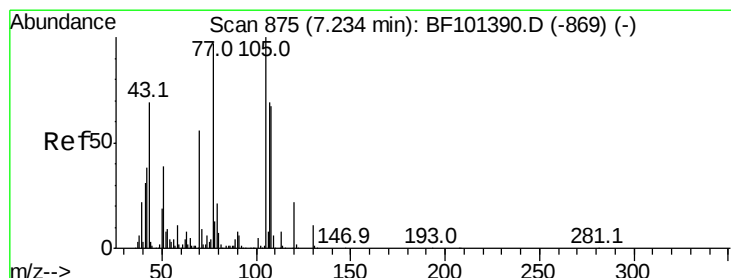
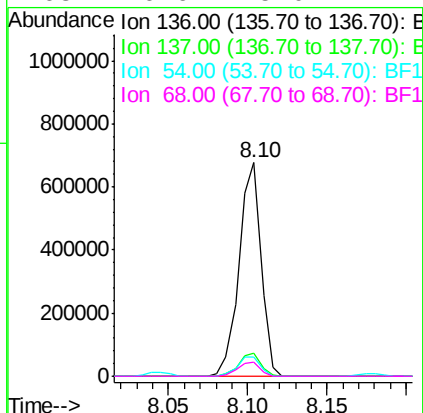
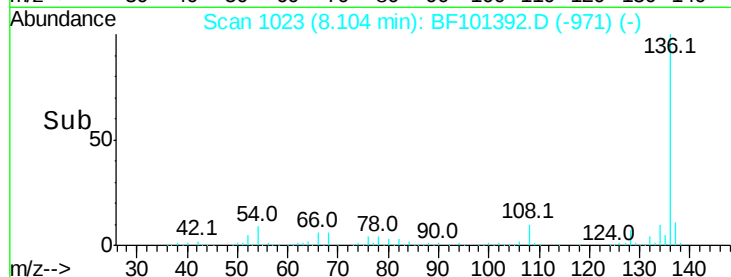
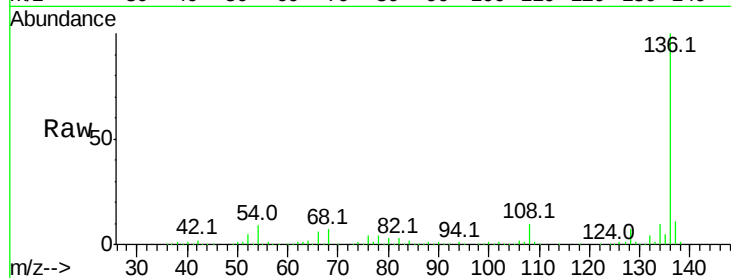




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

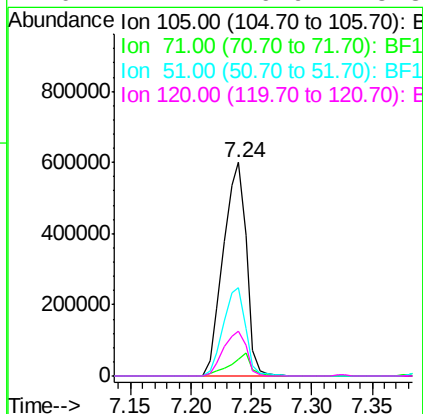
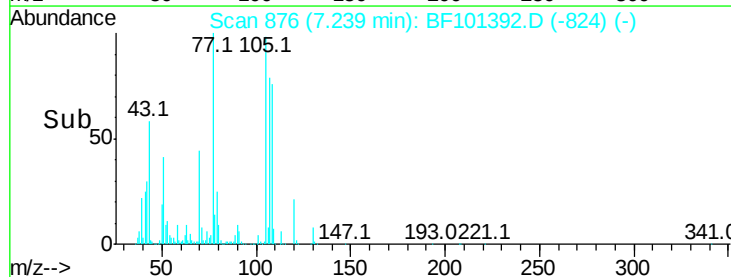
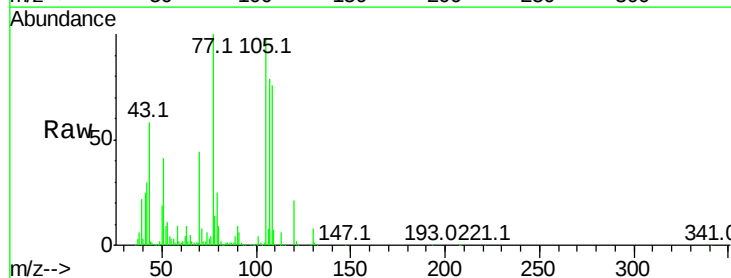
Instrument :
BNA_F
ClientSampled :

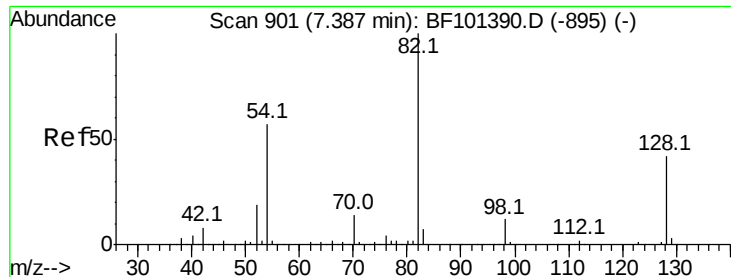
Tot Ion:	136	Resp:	651530
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4



#22
Acetophenone
Concen: 50.427 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:	105	Resp:	793752
Ion	Ratio	Lower	Upper
105	100		
71	7.7	4.4	6.6#
51	41.5	22.3	33.5#
120	21.1	16.9	25.3

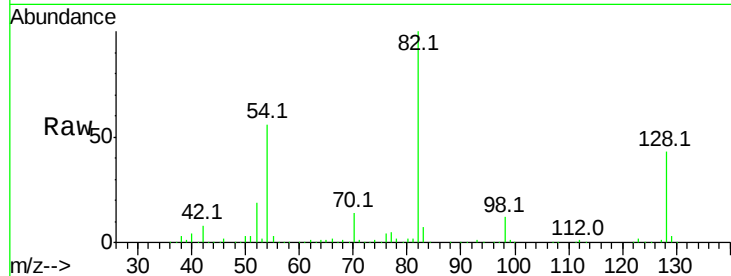




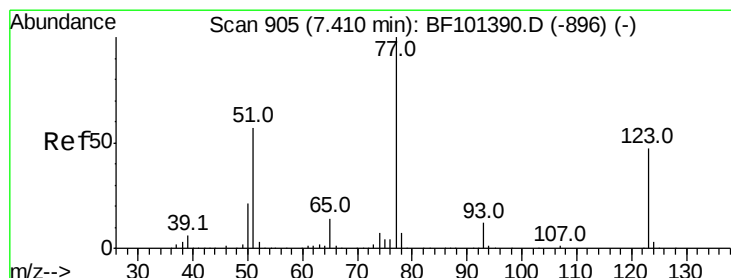
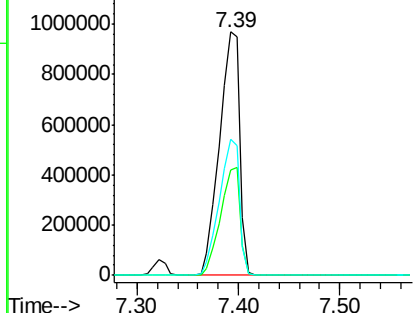
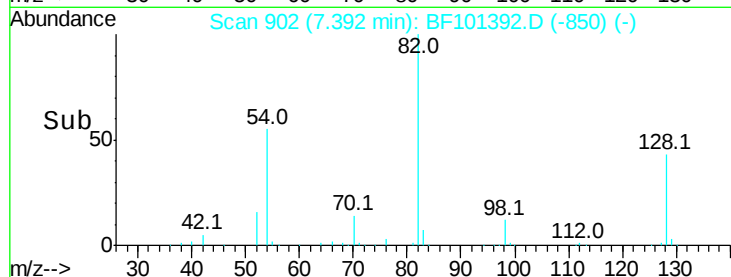
#23
Nitrobenzene-d5
Concen: 123.229 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1345901
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 56.0 41.4 62.2

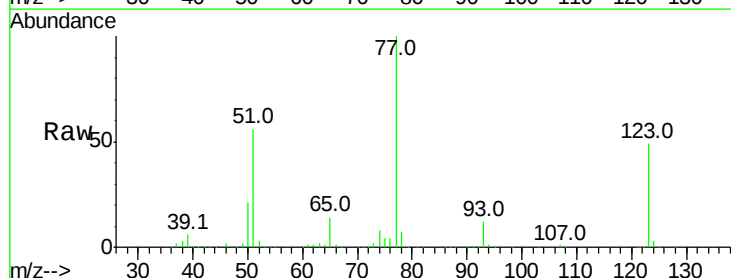


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

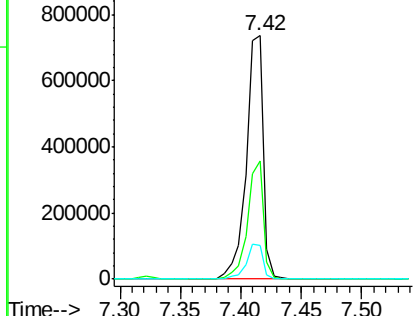
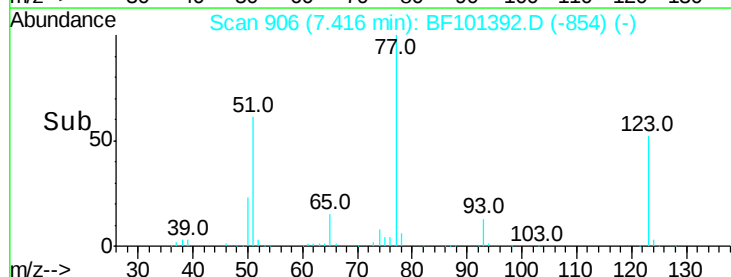


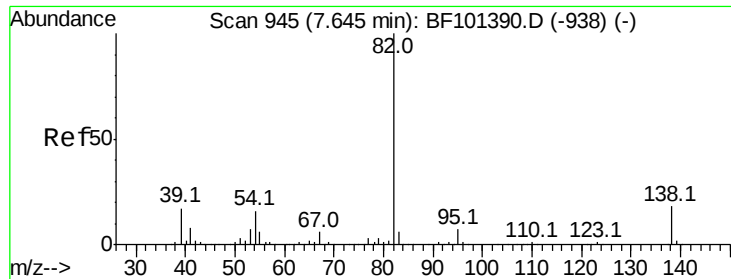
#24
Nitrobenzene
Concen: 67.438 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion: 77 Resp: 721877
Ion Ratio Lower Upper
77 100
123 48.6 37.9 56.9
65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 71.831 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

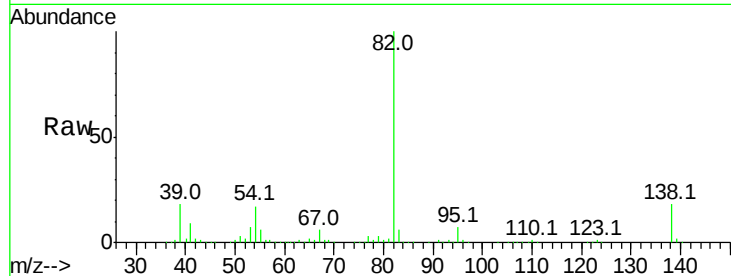
Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

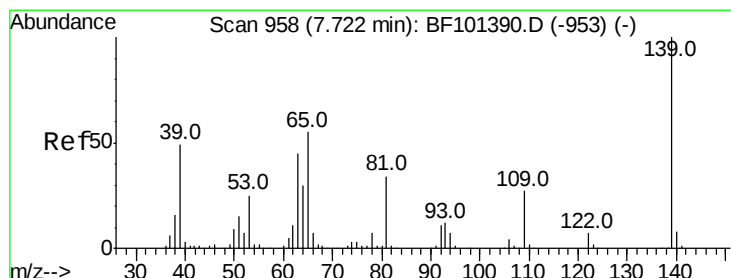
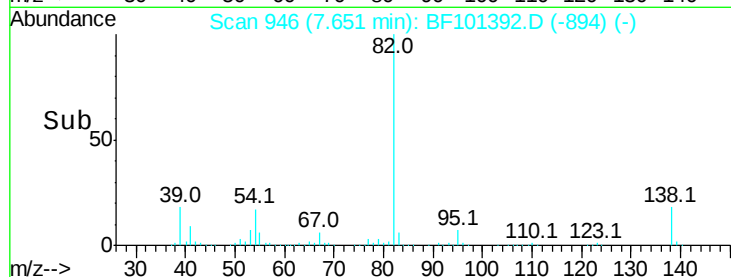
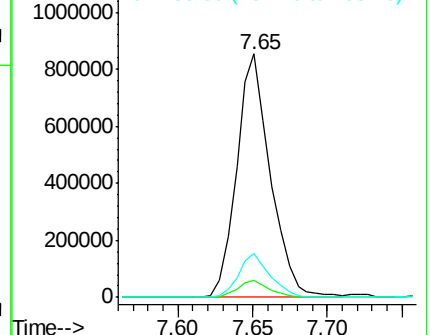
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1340085

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	17.9	14.9	22.3



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



#26

2-Nitrophenol

Concen: 58.905 ng

RT: 7.72 min Scan# 958

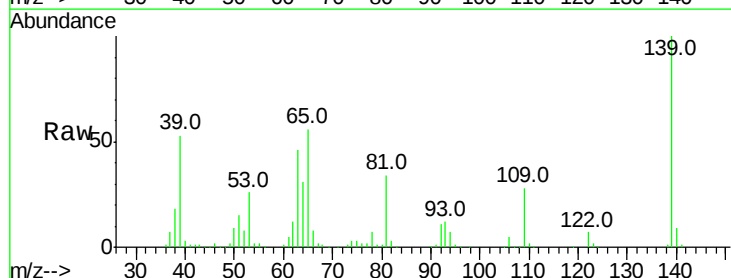
Delta R.T. -0.00 min

Lab File: BF101392.D

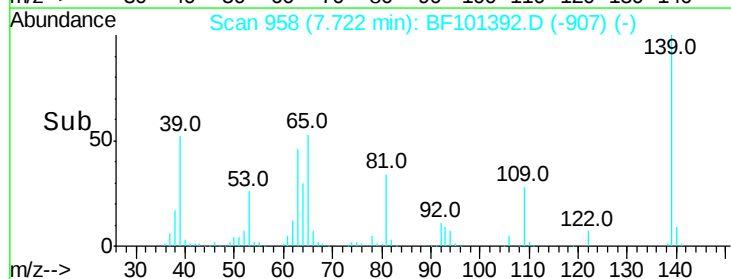
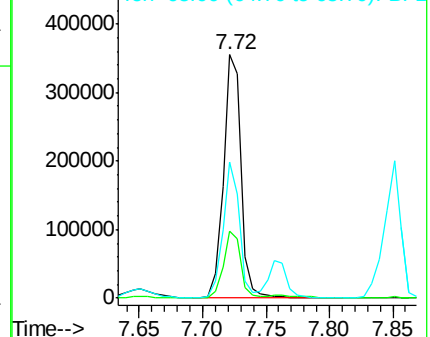
Acq: 14 Dec 2017 13:39

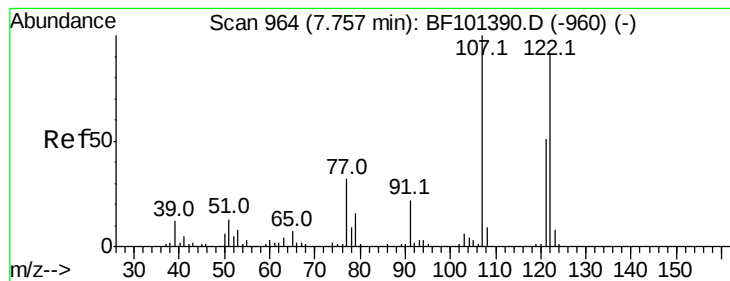
Tgt Ion:139 Resp: 346139

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	56.1	40.5	60.7



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





#27

2,4-Dimethylphenol

Concen: 62.387 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

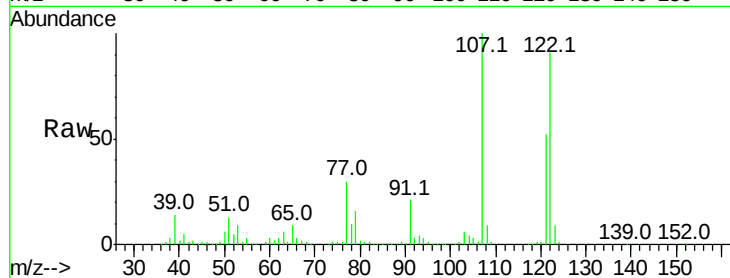
Tot Ion:122 Resp: 530318

Ion Ratio Lower Upper

122 100

107 110.3 91.2 136.8

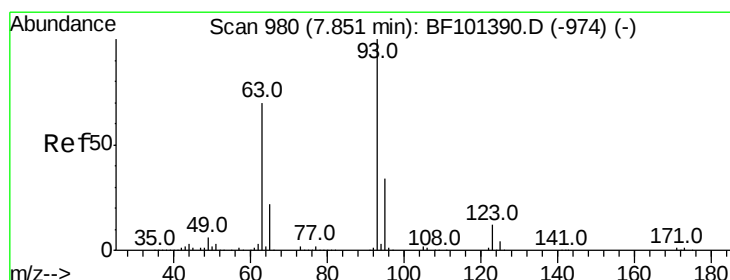
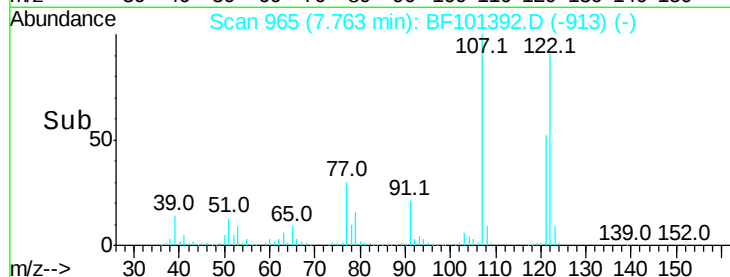
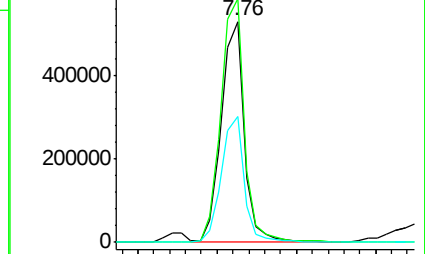
121 56.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 65.033 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

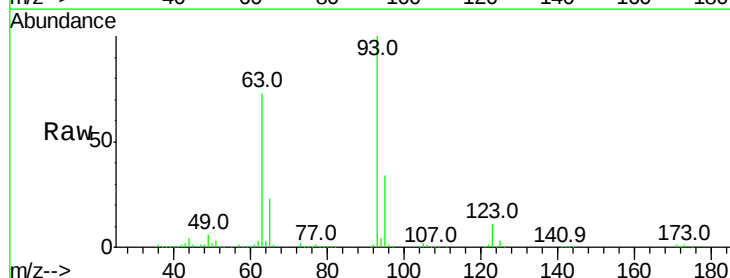
Tgt Ion: 93 Resp: 815430

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

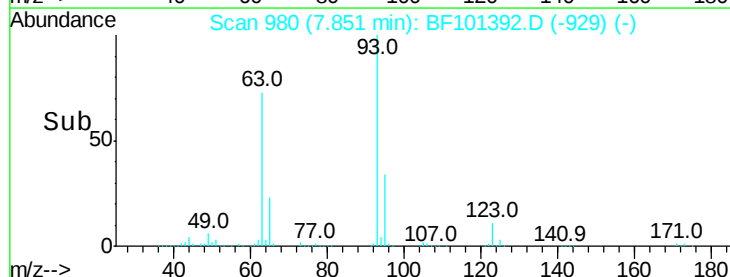
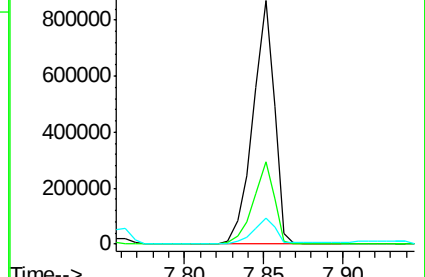
123 10.8 9.8 14.6

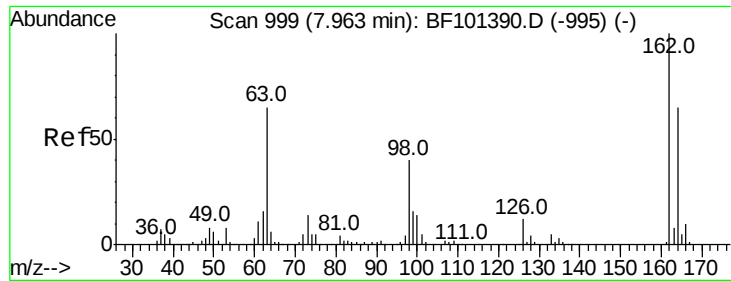


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

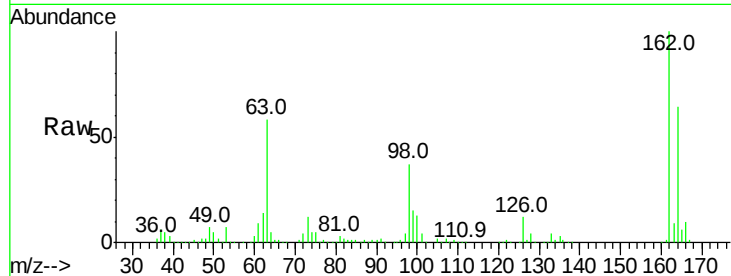




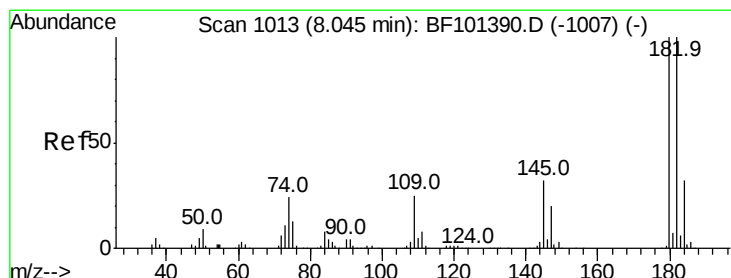
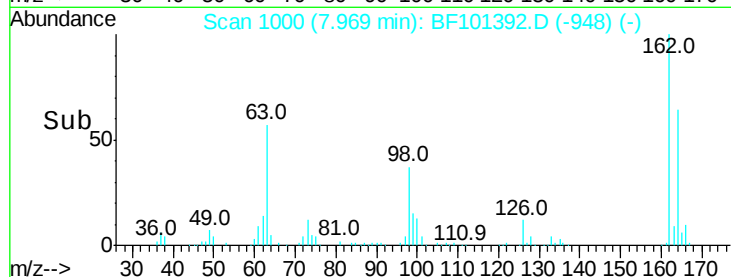
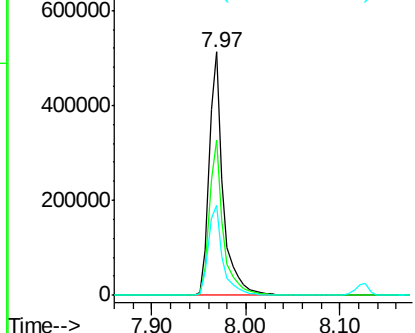
#29
2,4-Dichlorophenol
Concen: 57.729 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 534155
Ion Ratio Lower Upper
162 100
164 63.7 42.7 82.7
98 36.8 18.1 58.1

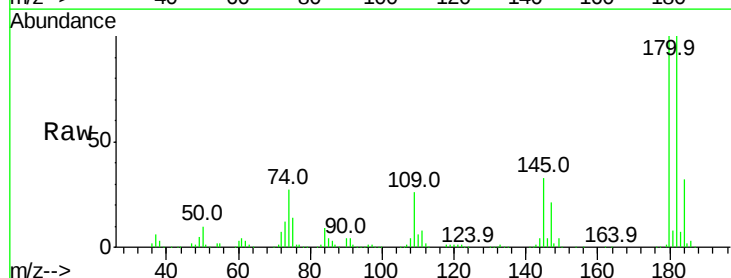


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

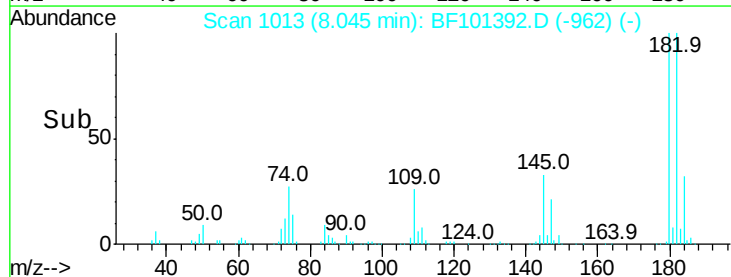
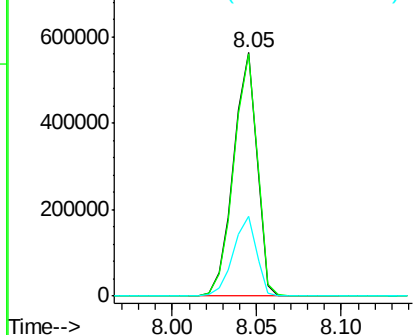


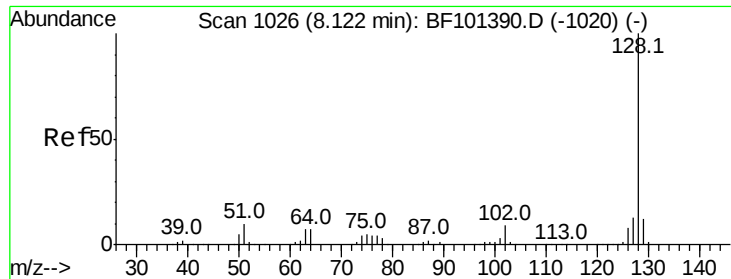
#30
1,2,4-Trichlorobenzene
Concen: 53.402 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:180 Resp: 543322
Ion Ratio Lower Upper
180 100
182 99.6 76.8 115.2
145 32.8 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

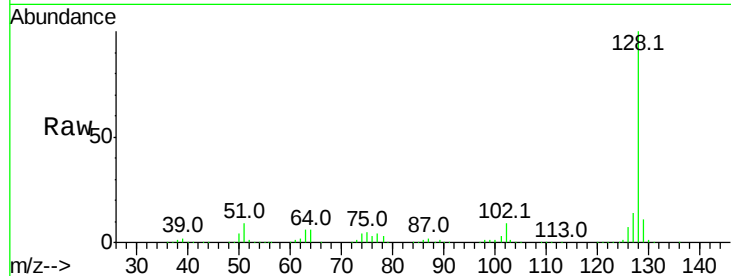




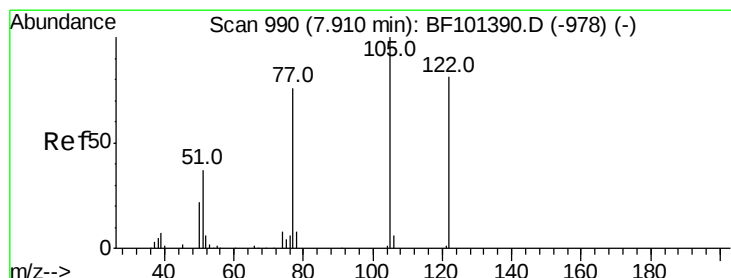
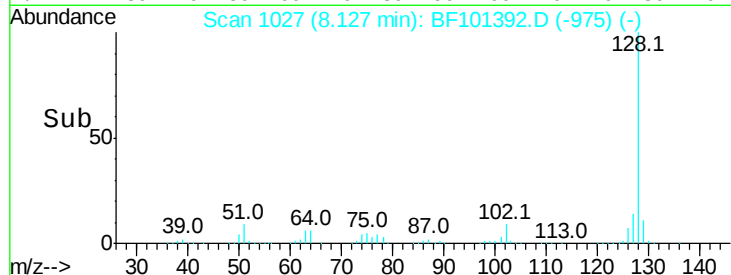
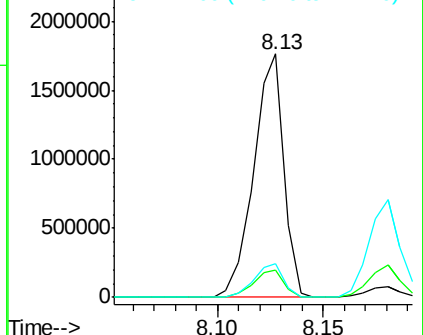
#31
Naphthalene
Concen: 54.536 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1751200
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.9 10.9 16.3

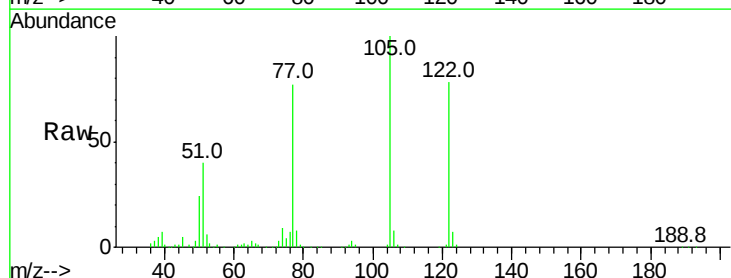


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

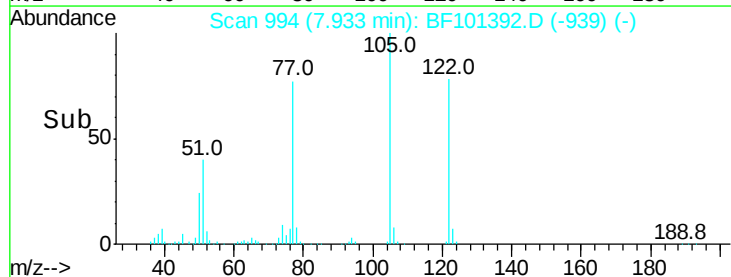
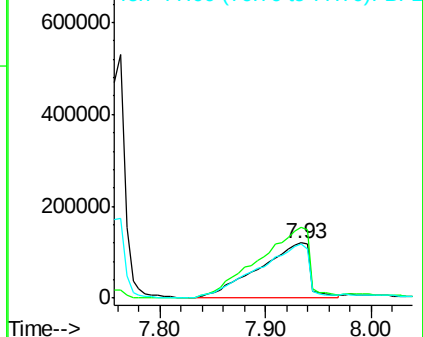


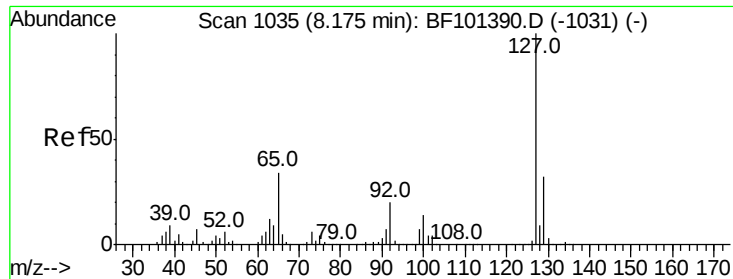
#32
Benzoic acid
Concen: 60.431 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:122 Resp: 399533
Ion Ratio Lower Upper
122 100
105 127.6 101.1 141.1
77 98.6 70.7 110.7



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

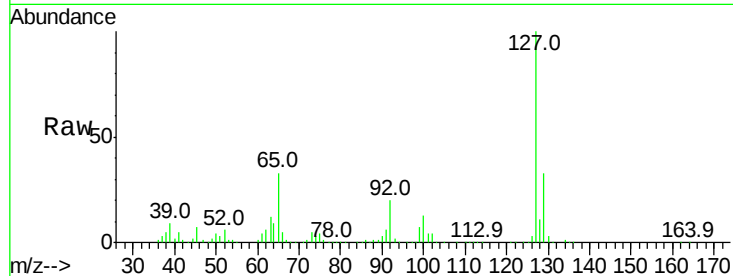




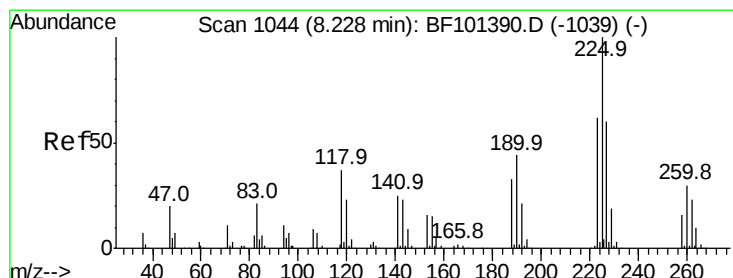
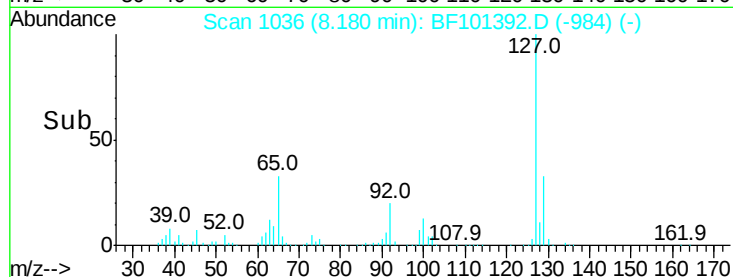
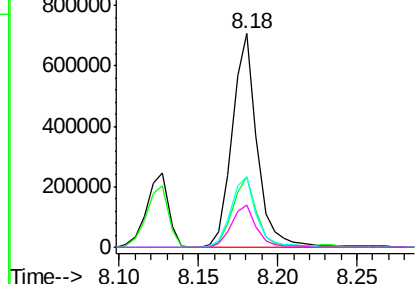
#33
4-Chloroaniline
Concen: 59.094 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	762433
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	32.9	25.0	37.4
92	19.5	15.2	22.8

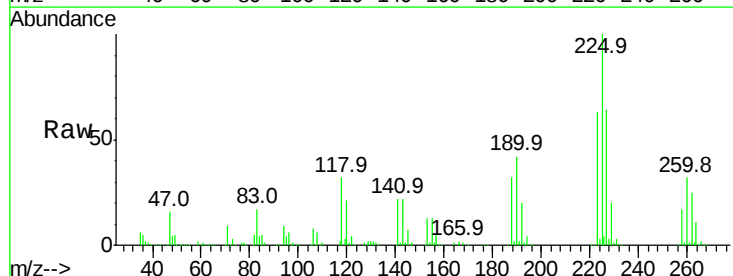


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

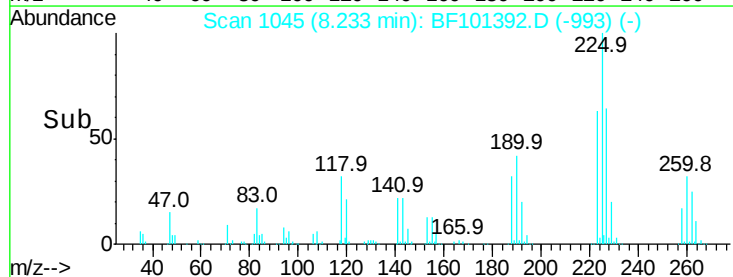
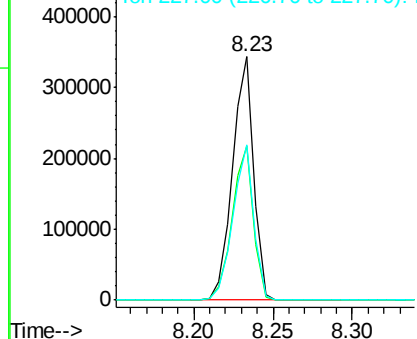


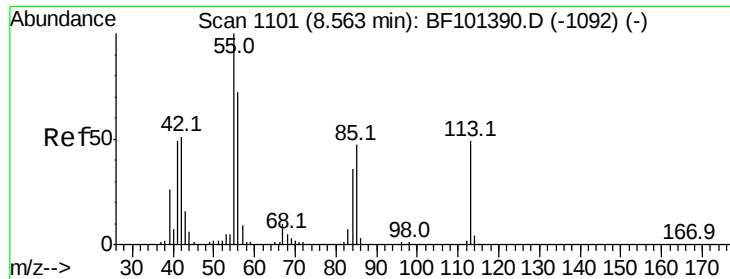
#34
Hexachlorobutadiene
Concen: 50.649 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:	225	Resp:	316061
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.0	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: 51.579 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.02 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampled :

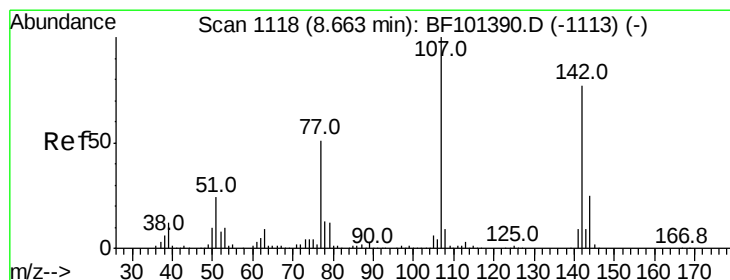
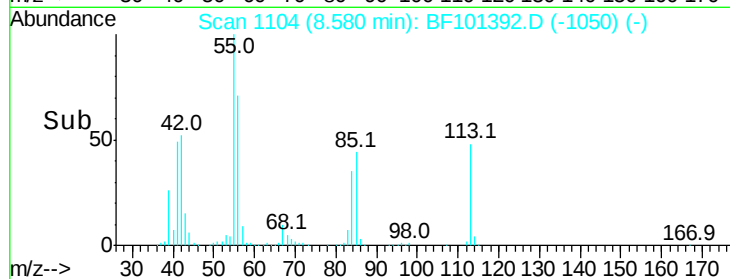
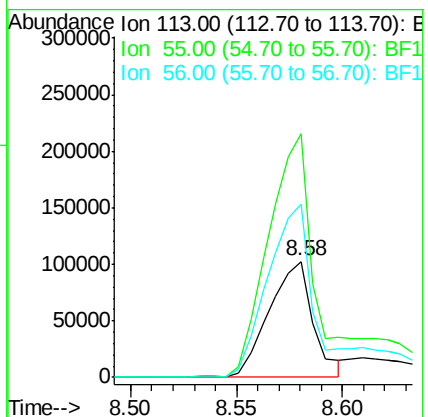
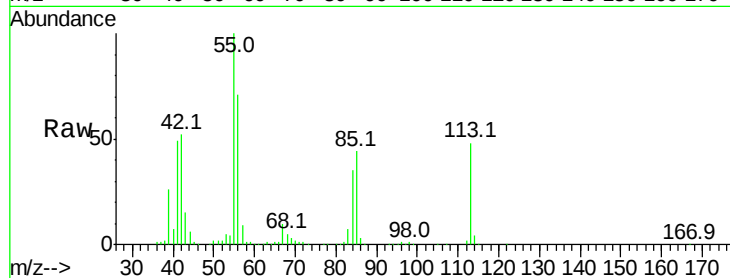
Tot Ion:113 Resp: 148732

Ion Ratio Lower Upper

113 100

55 209.5 163.3 203.3#

56 149.4 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 59.310 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

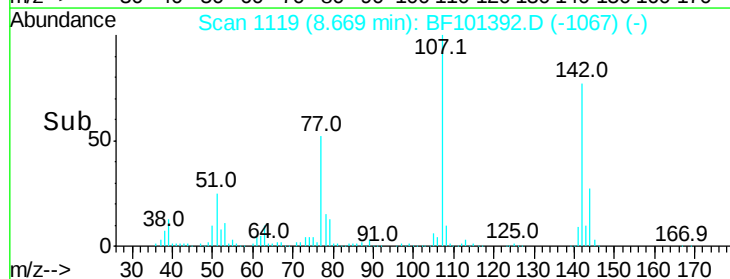
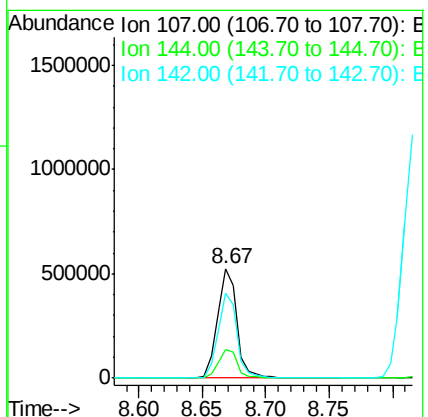
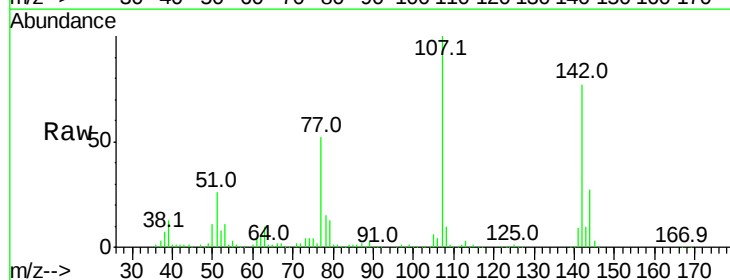
Tgt Ion:107 Resp: 568458

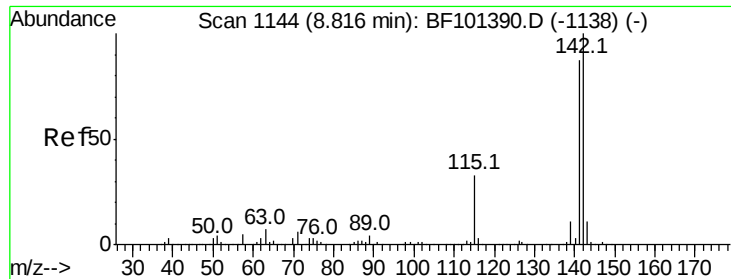
Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

142 77.3 62.0 93.0

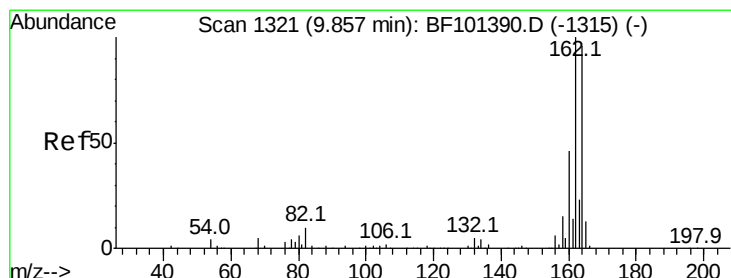
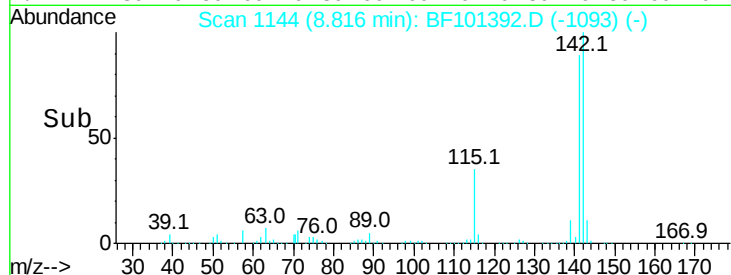
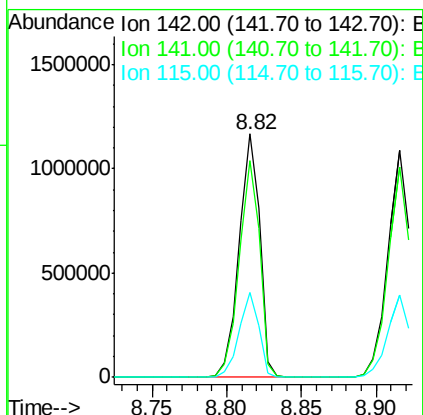
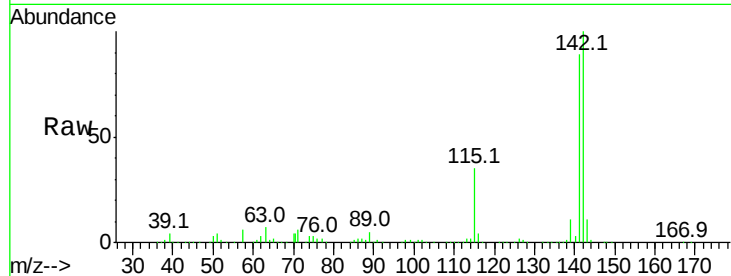




#37
 2-Methylnaphthalene
 Concen: 51.503 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

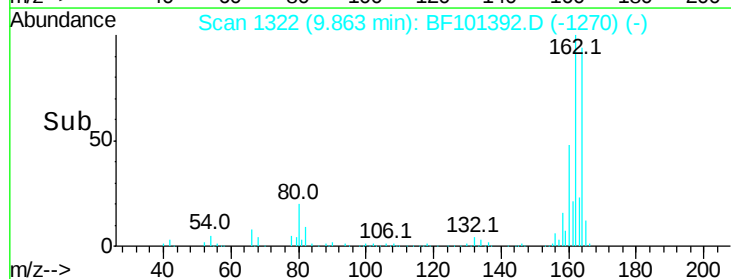
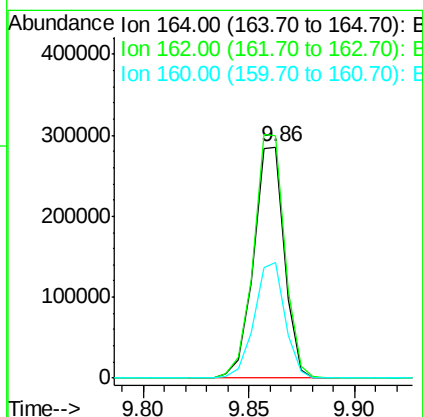
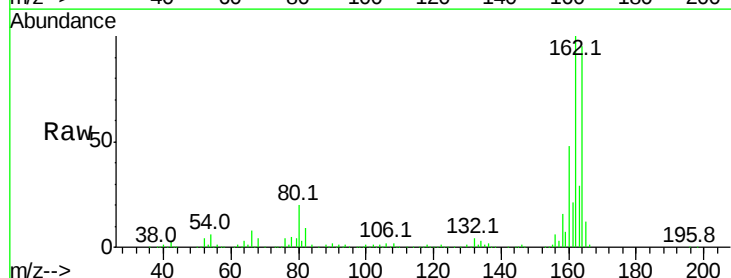
Instrument :
 BNA_F
 ClientSampleId :

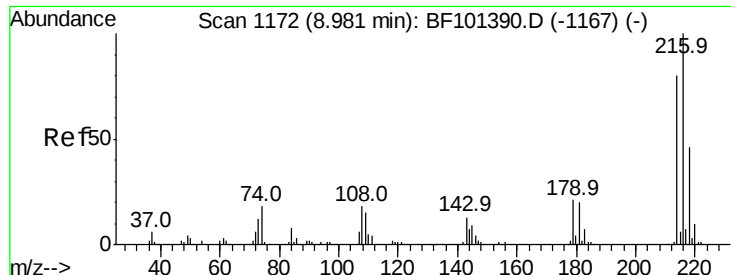
Tot Ion:142 Resp: 1123736
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 115 34.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion:164 Resp: 291002
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 50.0 38.3 57.5

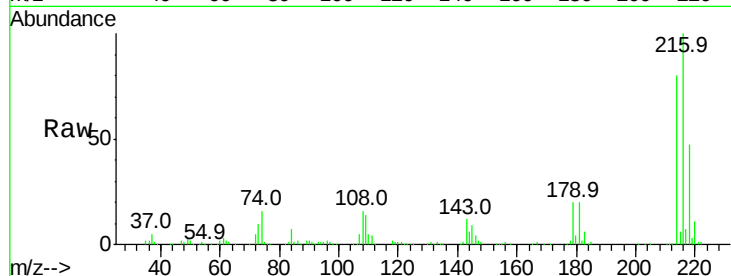




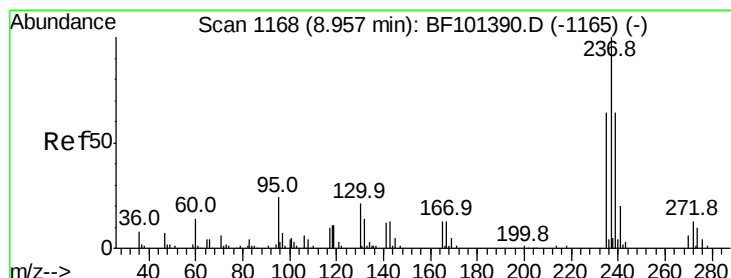
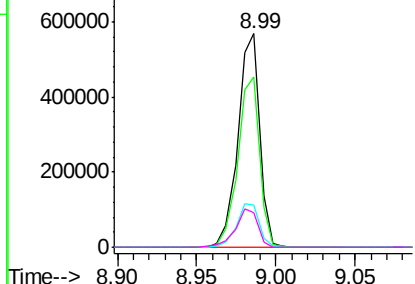
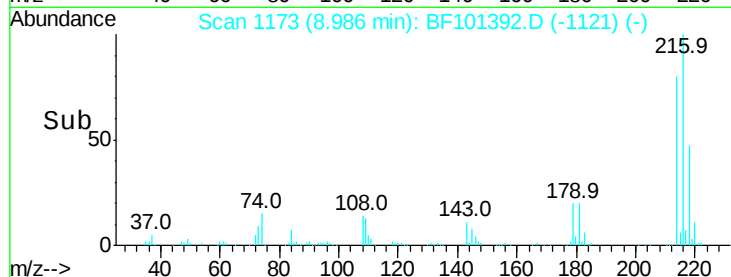
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.988 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	539019
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.0	94.4
179	21.0	18.1	27.1
108	18.9	17.2	25.8

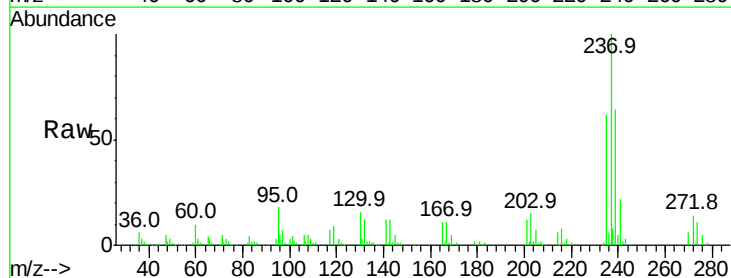


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

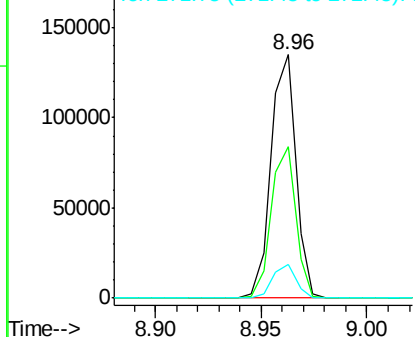
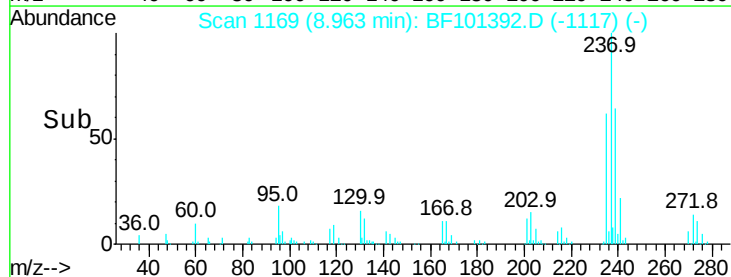


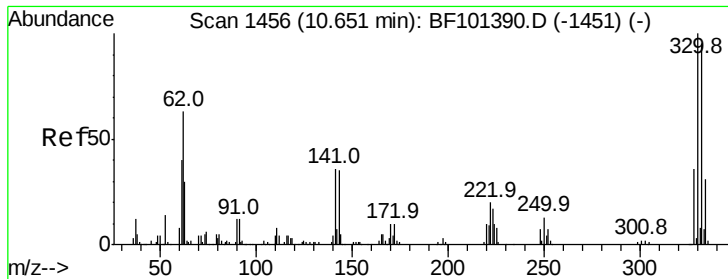
#40
 Hexachlorocyclopentadiene
 Concen: 35.547 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion:	237	Resp:	111347
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.8	84.8
272	13.7	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

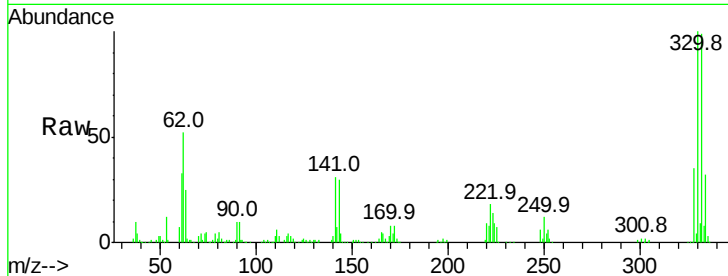




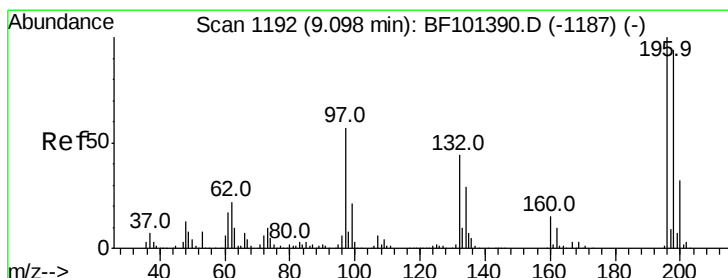
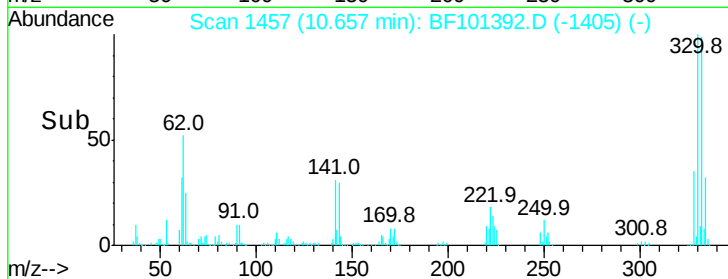
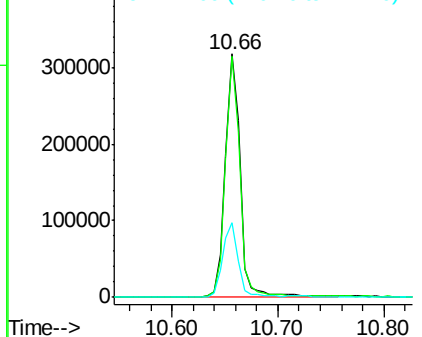
#41
 2,4,6-Tribromophenol
 Concen: 90.976 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	32.2	29.9	44.9

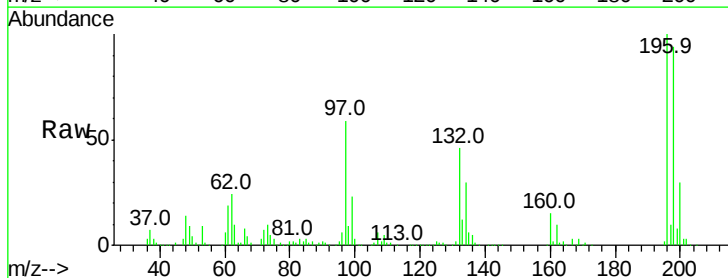


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

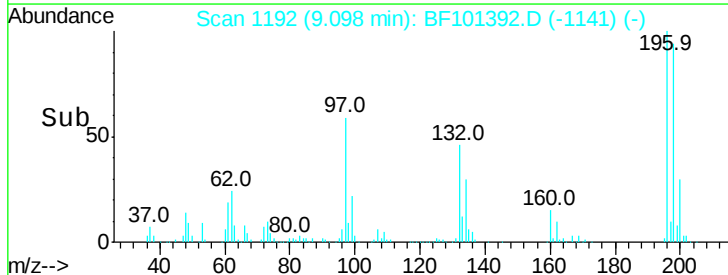
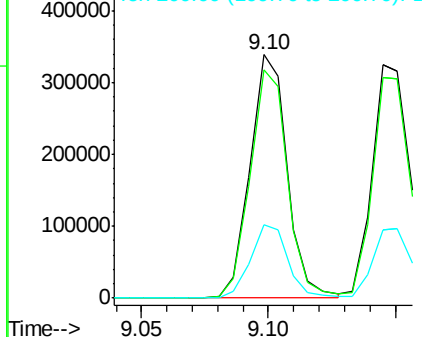


#42
 2,4,6-Trichlorophenol
 Concen: 55.880 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
200	30.1	24.5	36.7



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

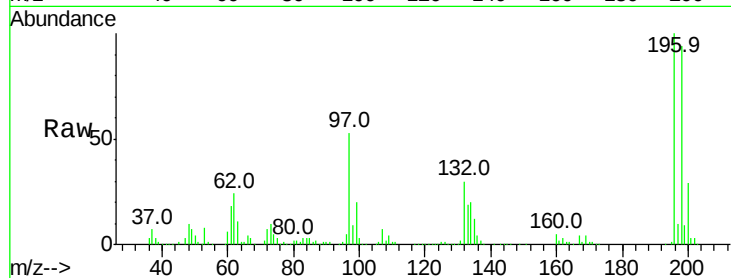




#43
 2,4,5-Trichlorophenol
 Concen: 57.097 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	378279
Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	53.0	42.9	64.3
132	30.0	26.3	39.5



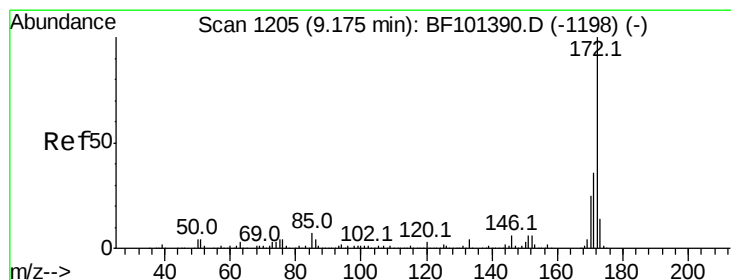
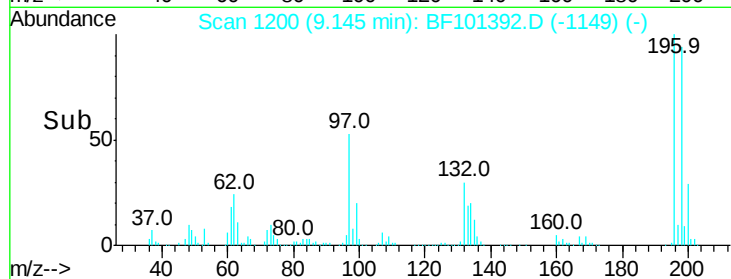
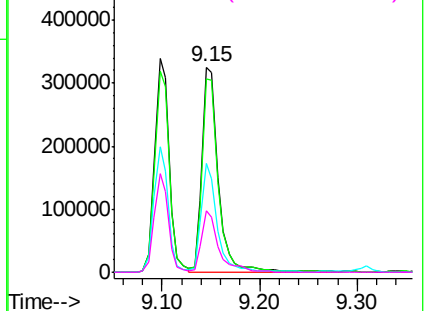
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

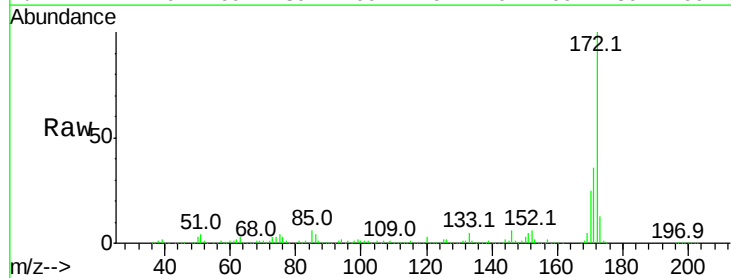
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.410 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion:	172	Resp:	1986731
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4

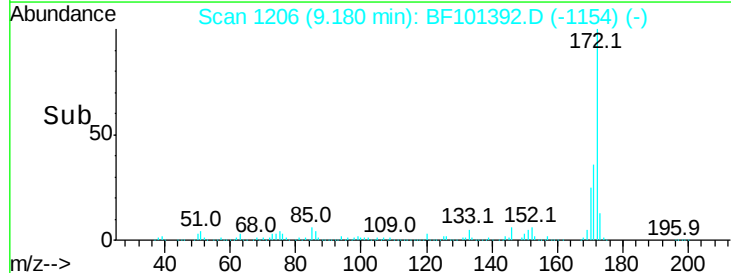
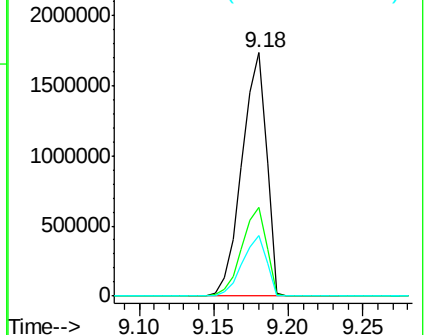


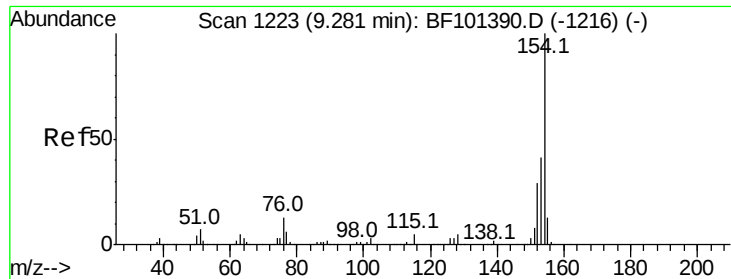
Abundance

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: 51.317 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

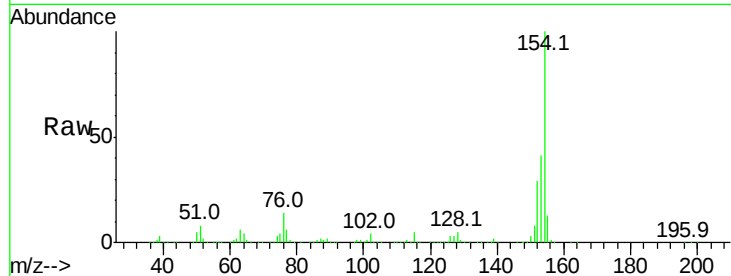
Tot Ion:154 Resp: 1368193

Ion Ratio Lower Upper

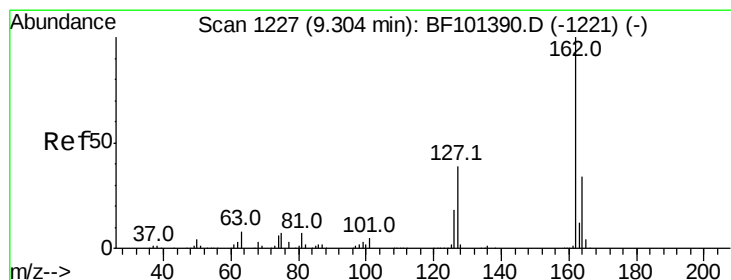
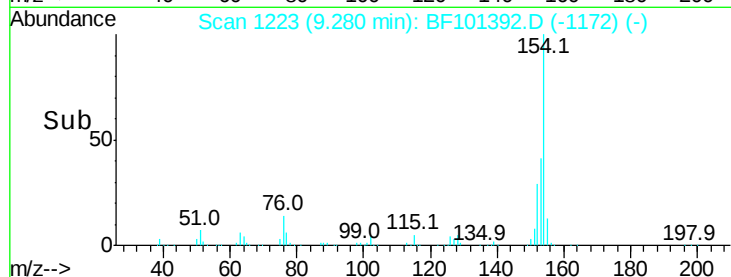
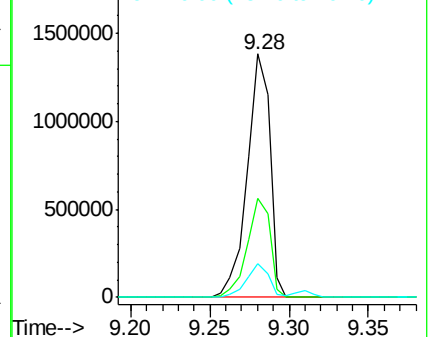
154 100

153 40.9 21.3 61.3

76 14.0 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 56.070 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

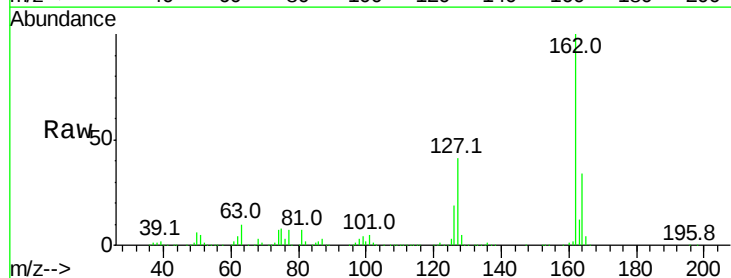
Tgt Ion:162 Resp: 1061669

Ion Ratio Lower Upper

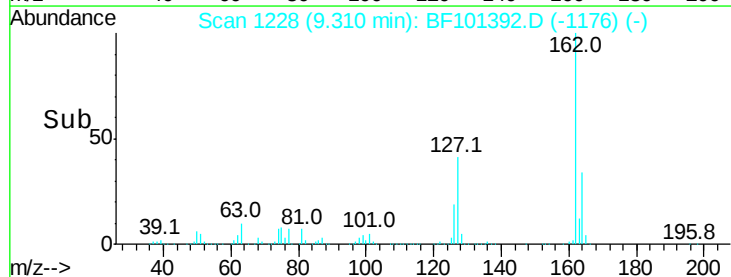
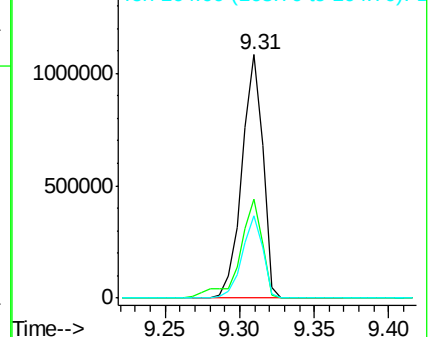
162 100

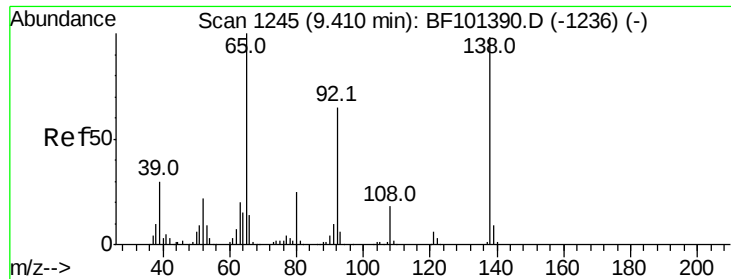
127 40.6 33.9 50.9

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: 71.020 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampled :

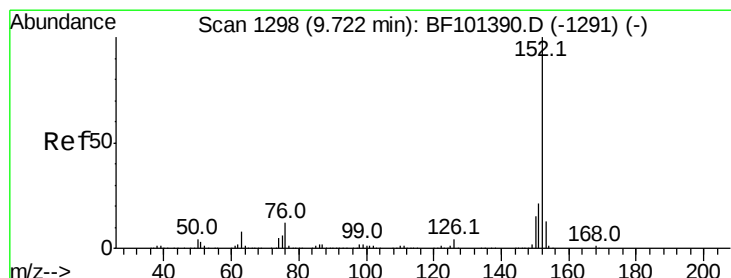
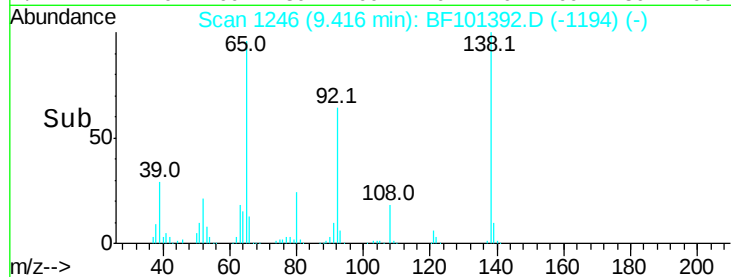
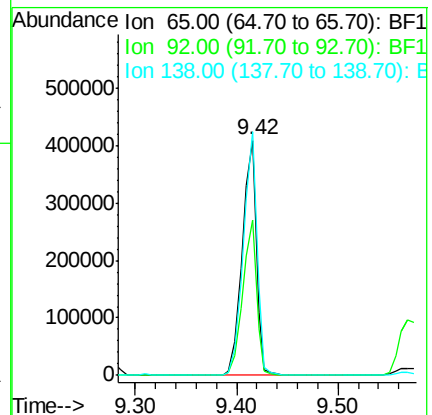
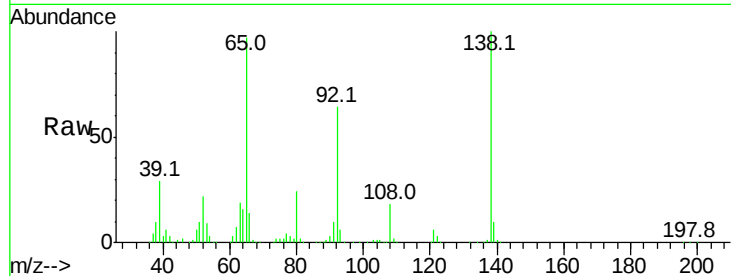
Tot Ion: 65 Resp: 397860

Ion Ratio Lower Upper

65 100

92 65.9 55.8 83.6

138 103.5 91.2 136.8



#48

Acenaphthylene

Concen: 51.611 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

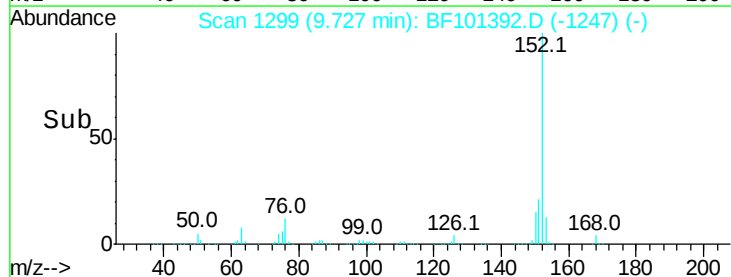
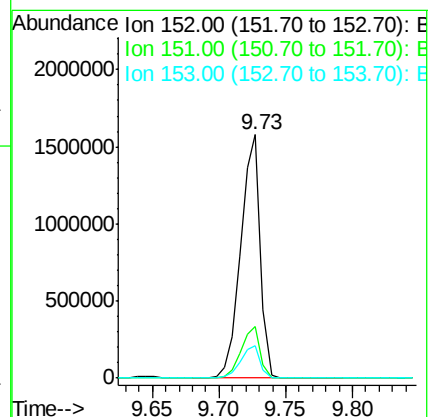
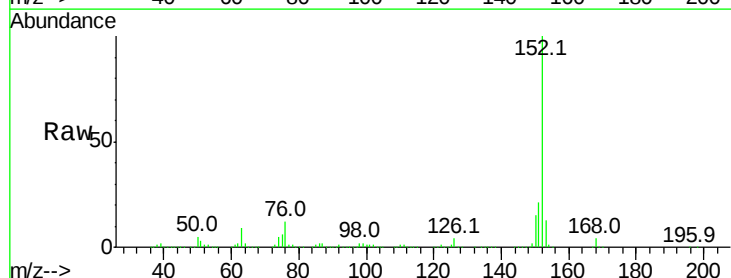
Tgt Ion: 152 Resp: 1605973

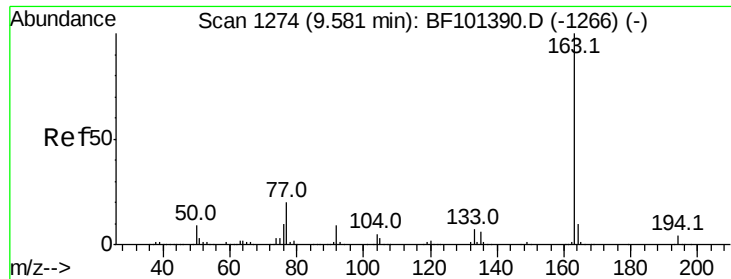
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.2 10.7 16.1

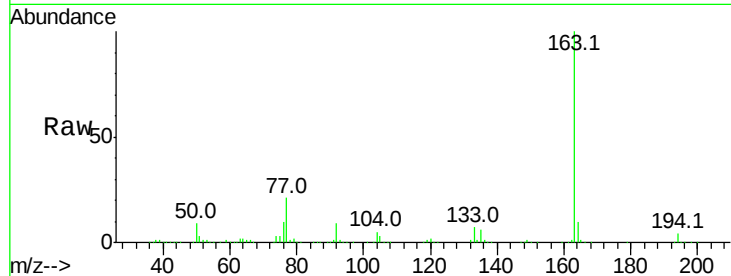




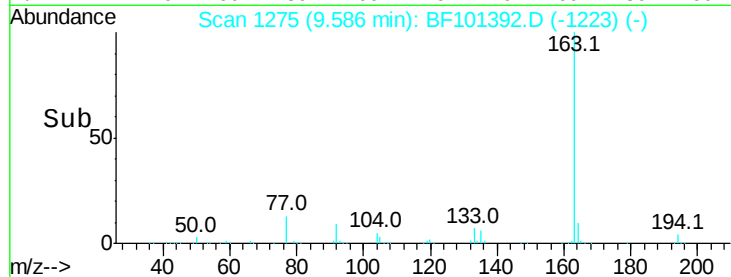
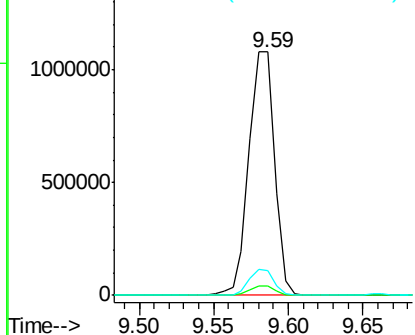
#49
Dimethylphthalate
Concen: 54.661 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1282818
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 8.2 12.2

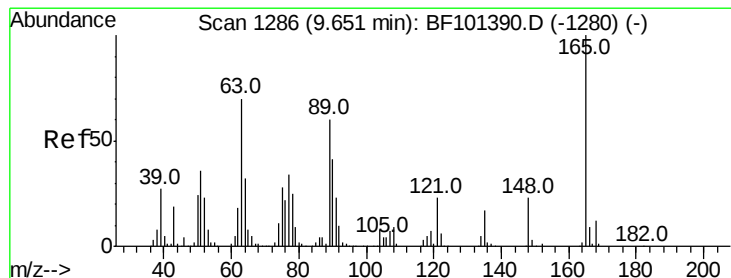


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

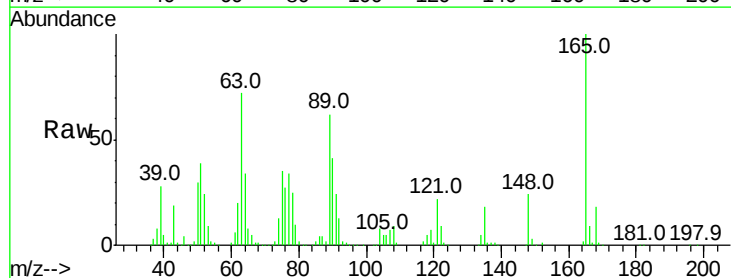
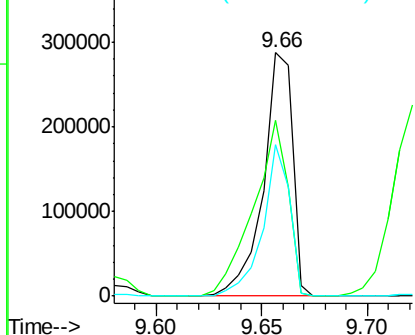


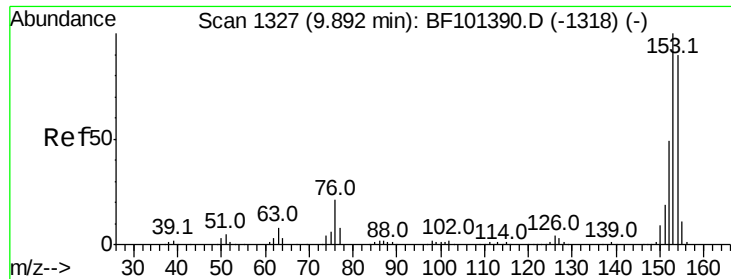
#50
2,6-Dinitrotoluene
Concen: 56.070 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:165 Resp: 277155
Ion Ratio Lower Upper
165 100
63 72.1 44.7 67.1#
89 62.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

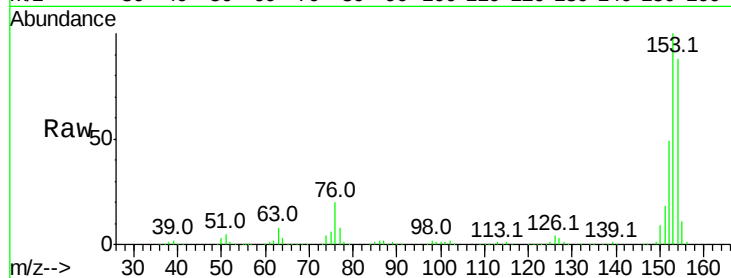




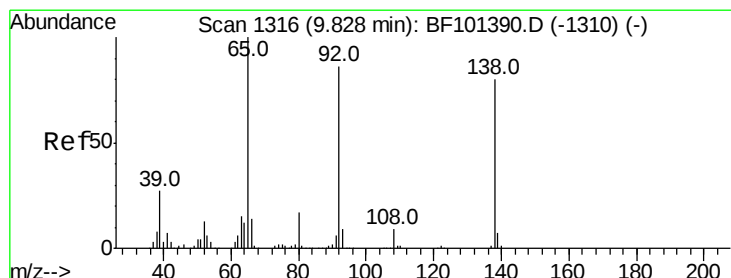
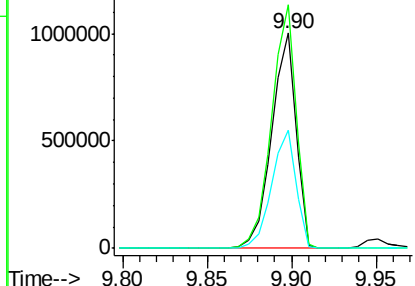
#51
Acenaphthene
Concen: 53.048 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	55.0	43.8	65.8

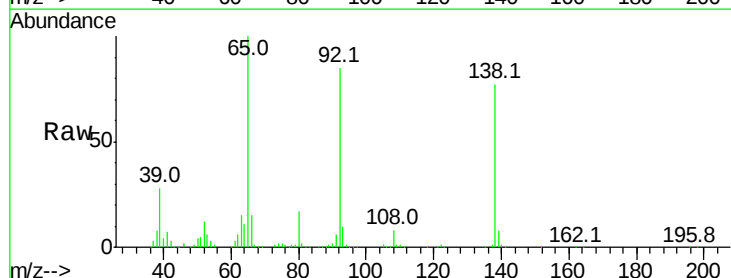


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

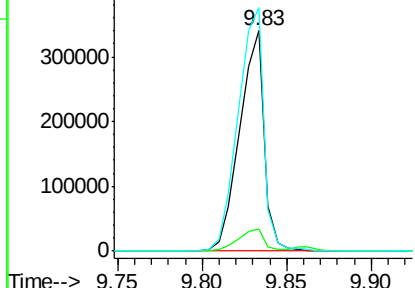


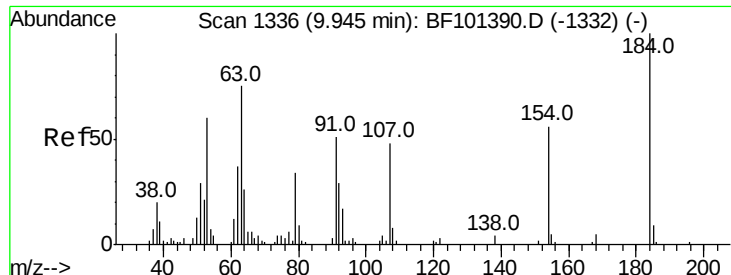
#52
3-Nitroaniline
Concen: 61.741 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	110.6	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

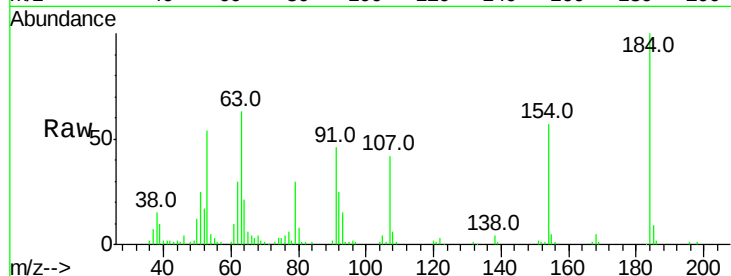




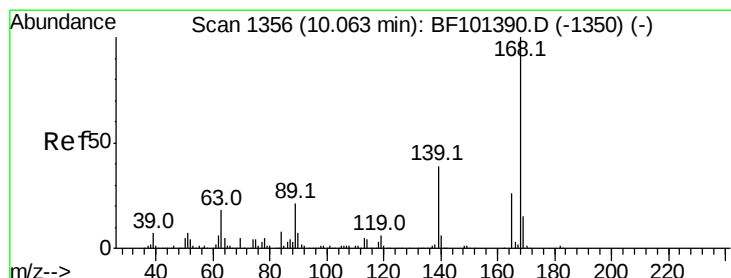
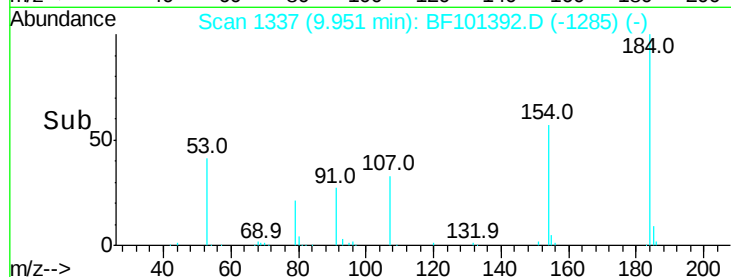
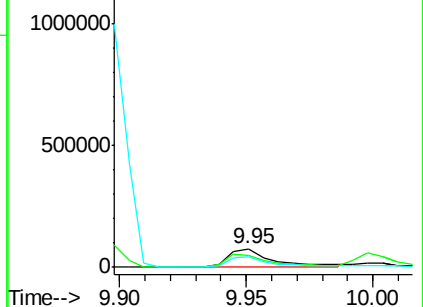
#53
2,4-Dinitrophenol
Concen: 41.739 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 94071
Ion Ratio Lower Upper
184 100
63 63.4 54.2 81.2
154 57.4 184.0 276.0#

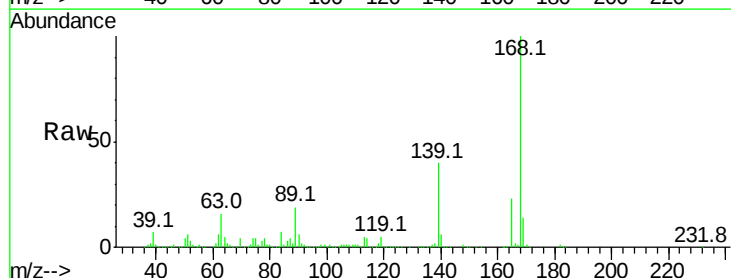


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

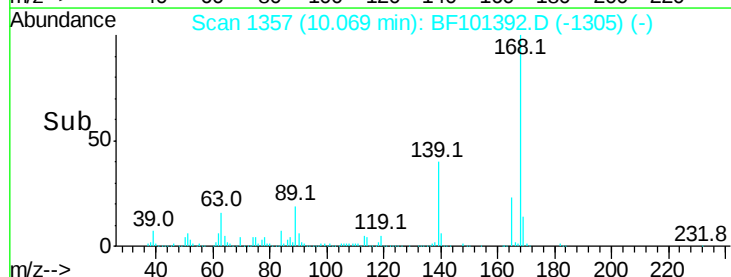
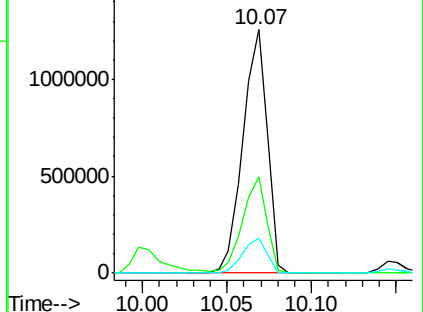


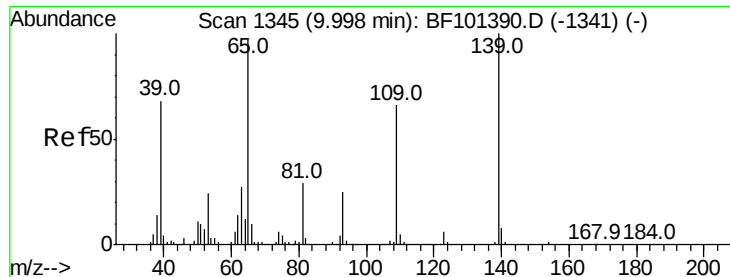
#54
Dibenzofuran
Concen: 47.166 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:168 Resp: 1266472
Ion Ratio Lower Upper
168 100
139 39.6 30.1 45.1
169 14.2 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: 45.012 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

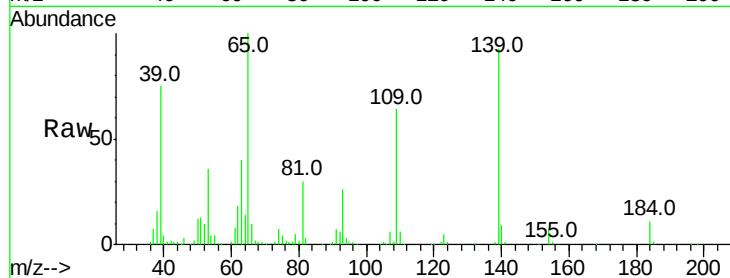
Tot Ion:139 Resp: 168742

Ion Ratio Lower Upper

139 100

109 68.8 48.4 88.4

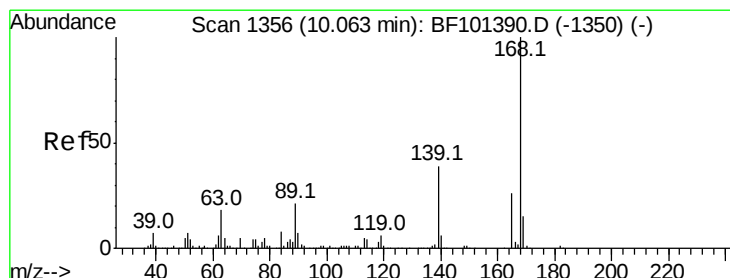
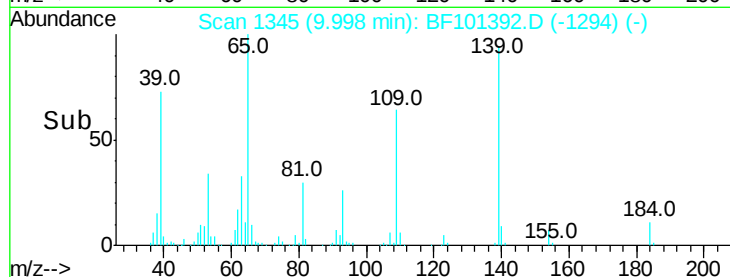
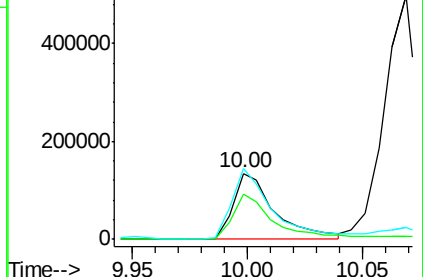
65 107.6 72.6 112.6



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: 45.396 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Tgt Ion:165 Resp: 300725

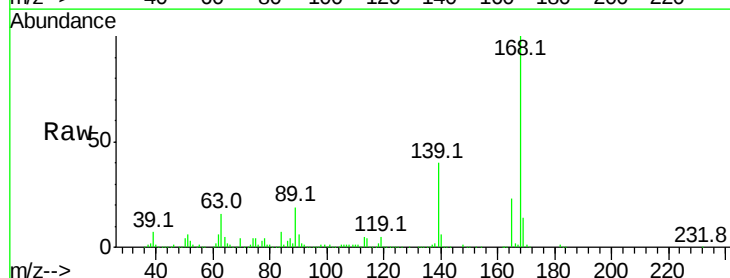
Ion Ratio Lower Upper

165 100

63 69.4 36.4 54.6#

89 82.6 57.8 86.6

182 2.5 1.6 2.4#

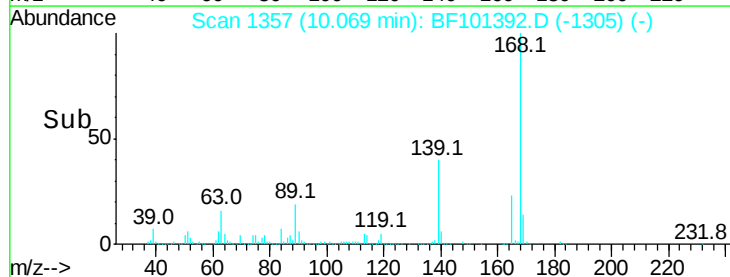
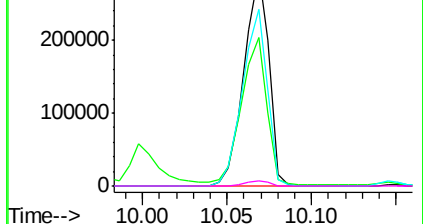


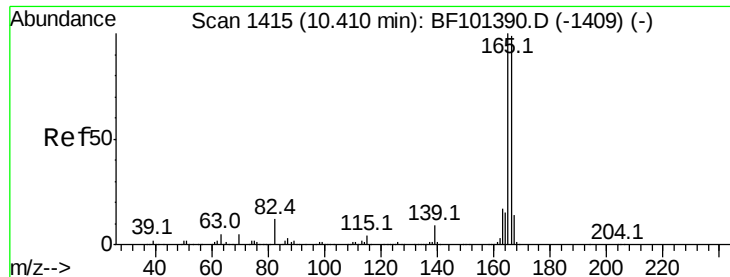
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.815 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

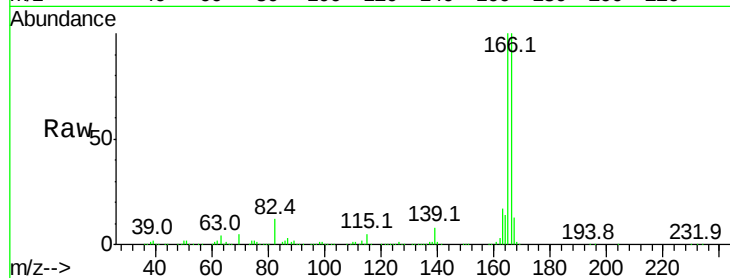
Tot Ion:166 Resp: 1087344

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

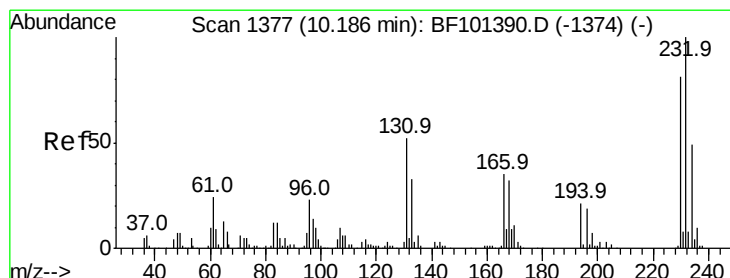
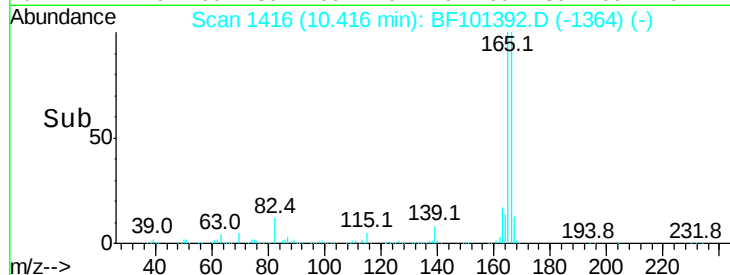
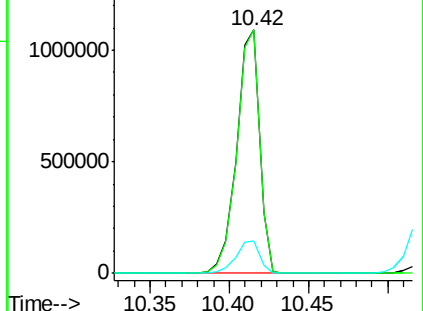
167 13.1 10.6 16.0



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: 51.812 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Tgt Ion:232 Resp: 274846

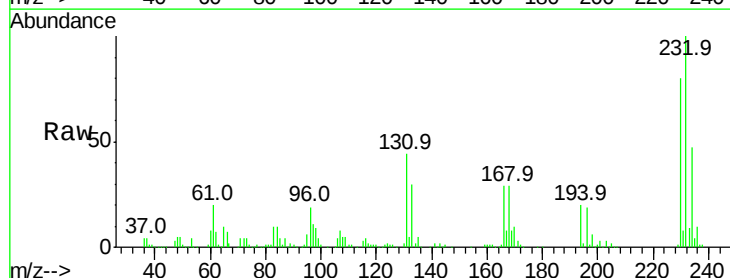
Ion Ratio Lower Upper

232 100

131 45.8 43.8 65.8

130 2.4 2.1 3.1

166 29.7 27.8 41.6

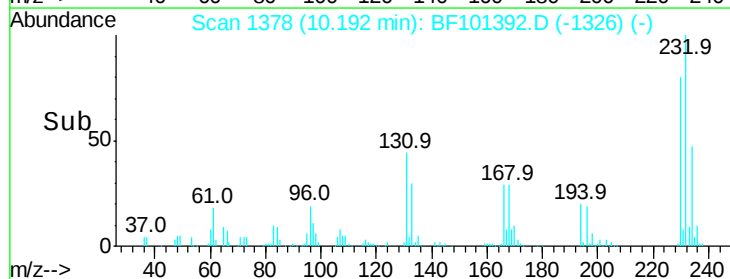
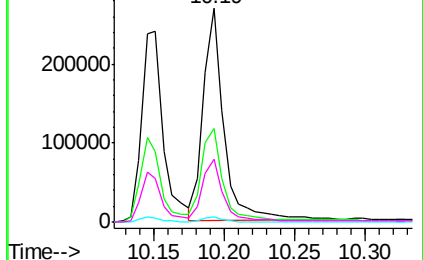


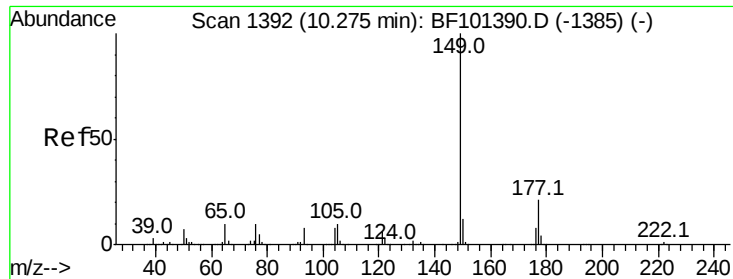
Abundance Ion 232.00 (231.70 to 232.70): E

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

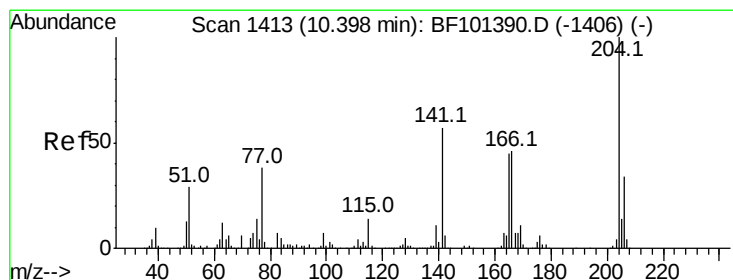
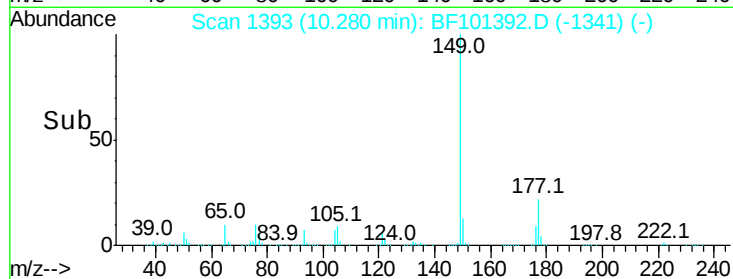
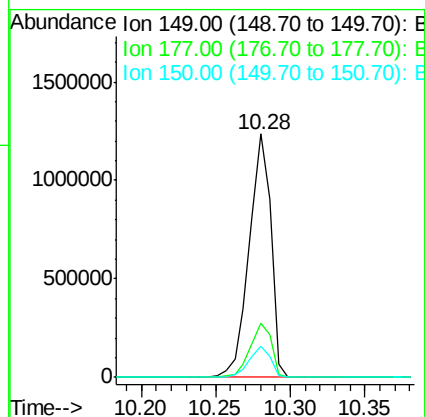
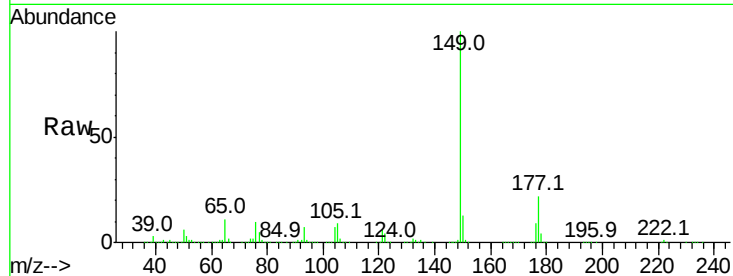




#59
Diethylphthalate
Concen: 53.484 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

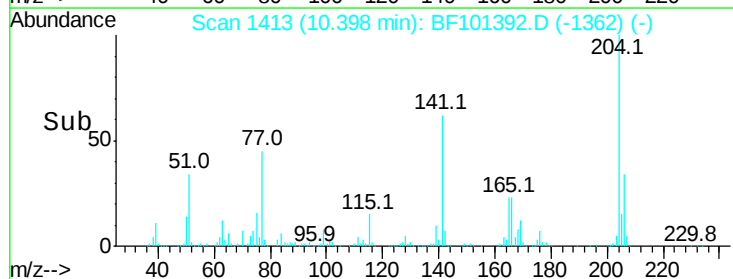
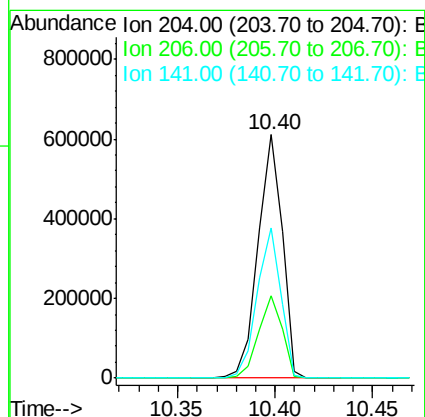
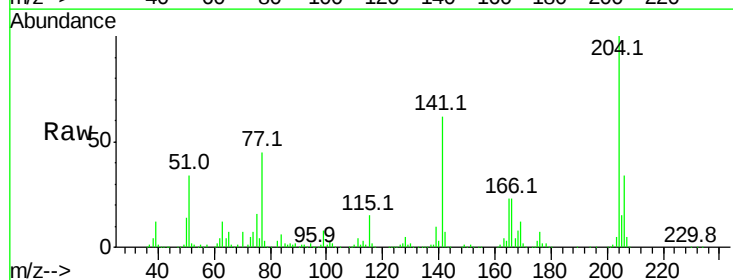
Instrument :
BNA_F
ClientSampleId :

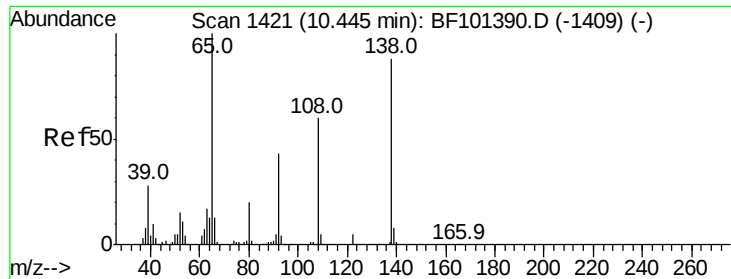
Tot Ion:149 Resp: 1238048
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 48.746 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:204 Resp: 525342
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 61.5 54.6 81.8

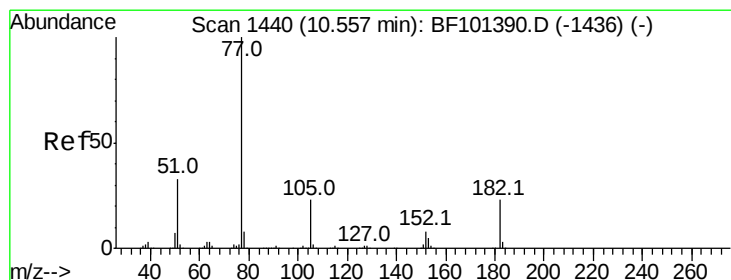
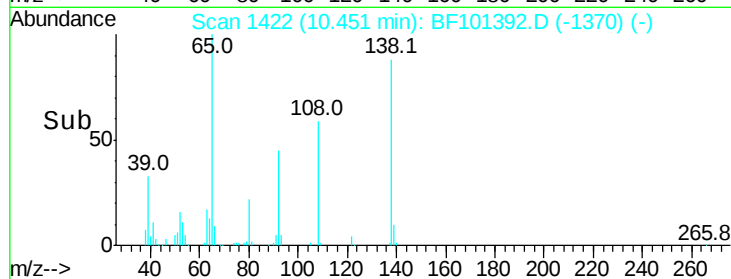
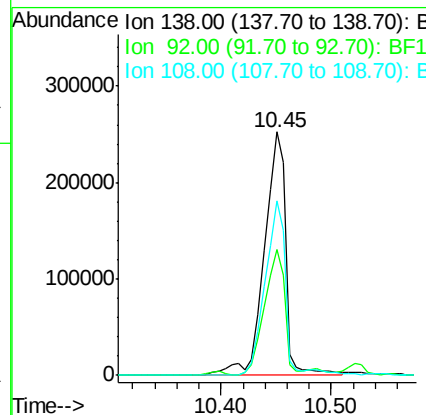
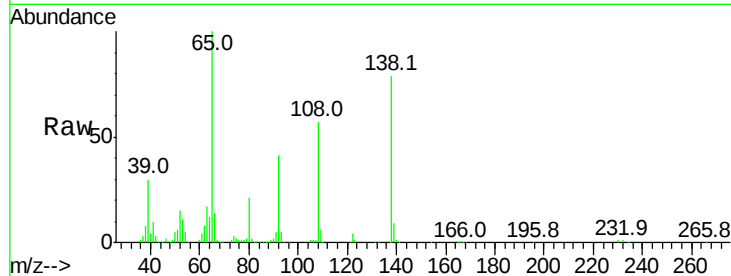




#61
4-Nitroaniline
Concen: 60.068 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

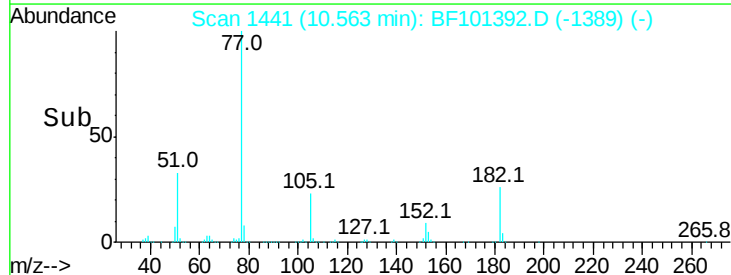
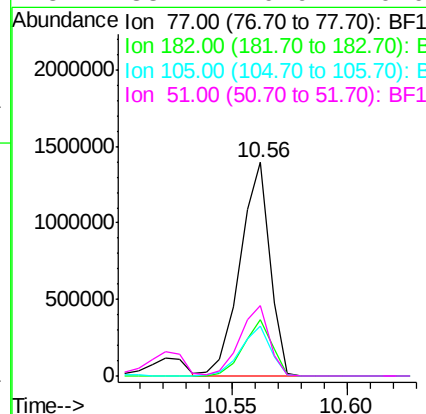
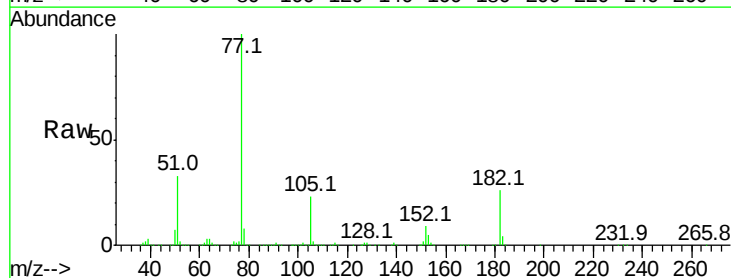
Instrument :
BNA_F
ClientSampleId :

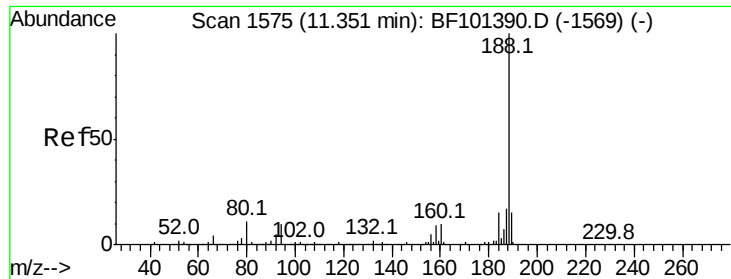
Tot Ion:138 Resp: 346607
Ion Ratio Lower Upper
138 100
92 51.6 30.2 70.2
108 71.5 52.5 92.5



#62
Azobenzene
Concen: 63.872 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion: 77 Resp: 1254737
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 23.5 3.0 43.0
51 33.2 9.9 49.9

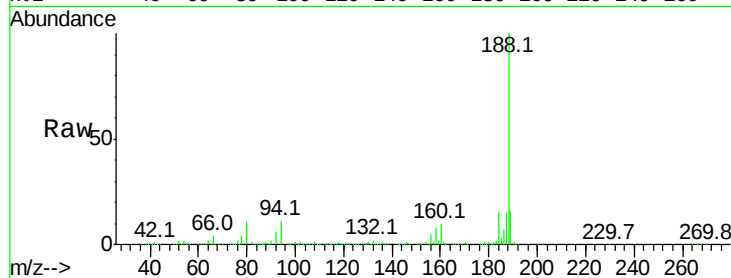




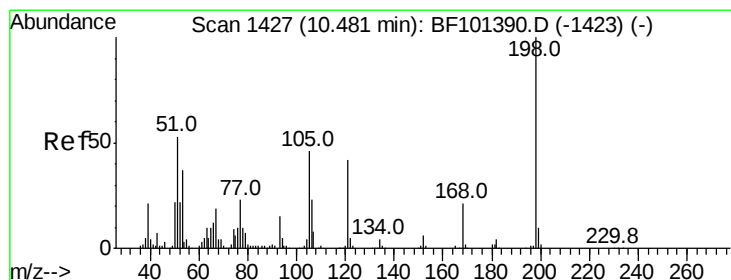
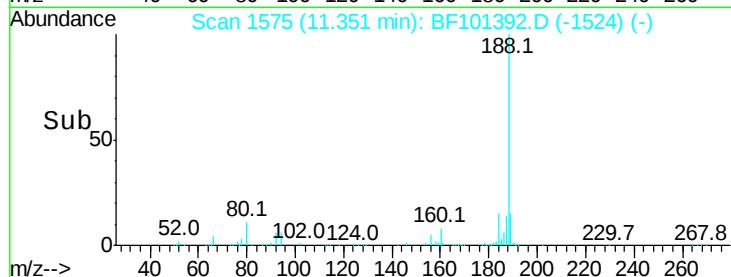
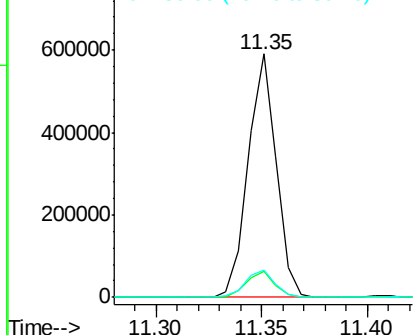
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 545533
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.2 9.2 13.8

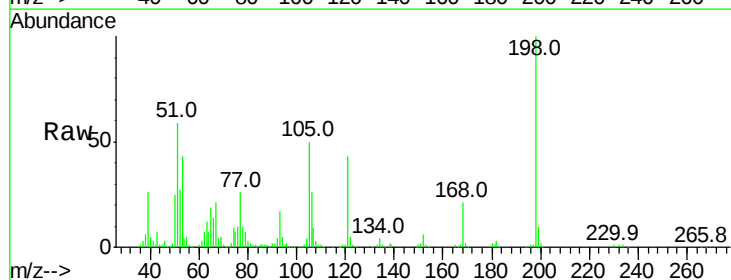


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

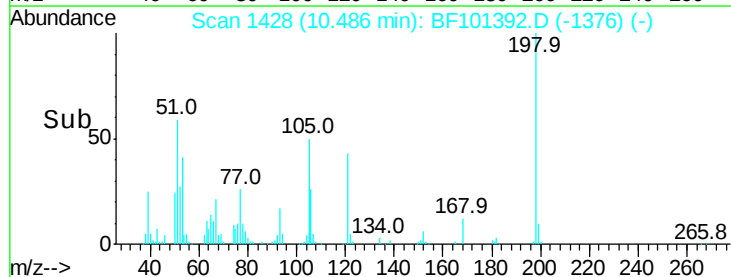
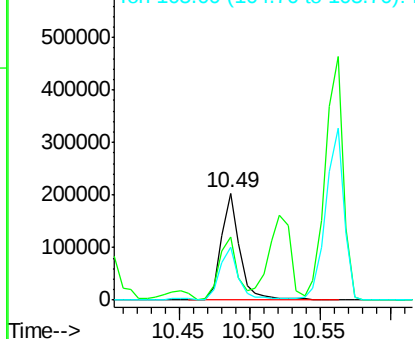


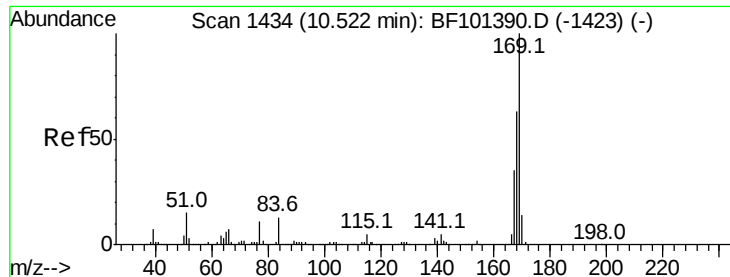
#64
4,6-Dinitro-2-methylphenol
Concen: 51.451 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:198 Resp: 188260
Ion Ratio Lower Upper
198 100
51 58.7 37.7 77.7
105 49.8 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

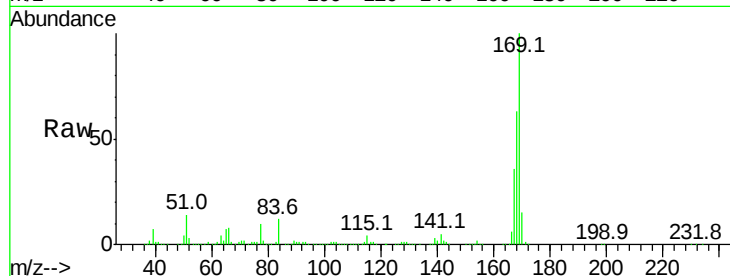




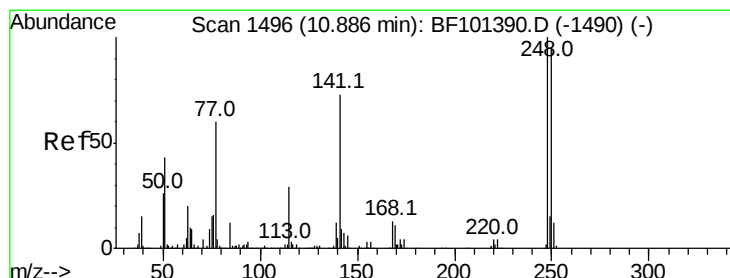
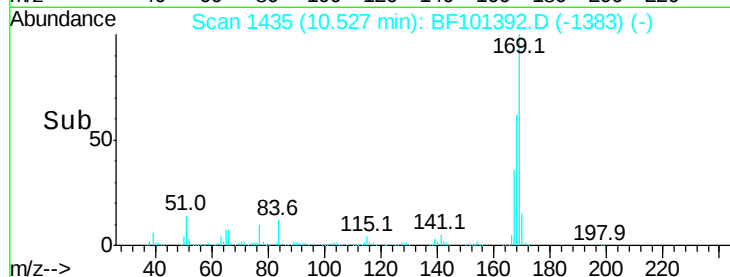
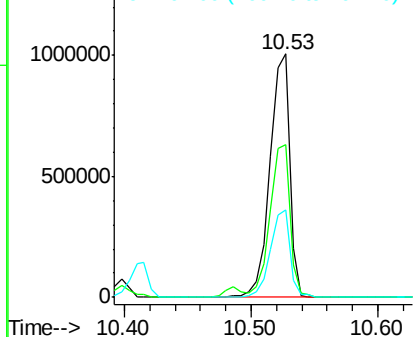
#65
n-Nitrosodiphenylamine
Concen: 56.477 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 1086944
Ion Ratio Lower Upper
169 100
168 62.7 54.4 81.6
167 35.9 29.8 44.6

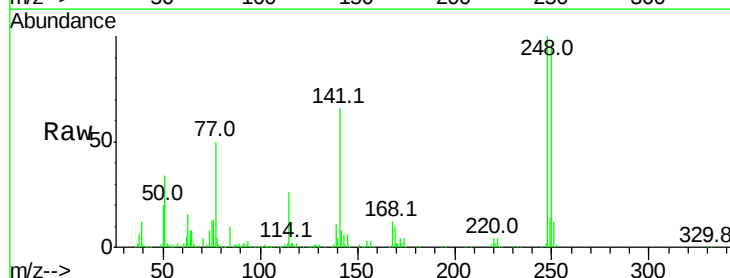


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

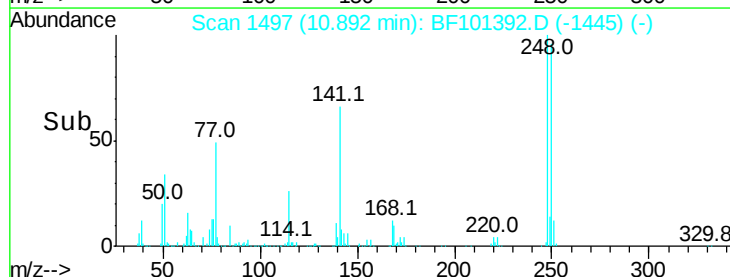
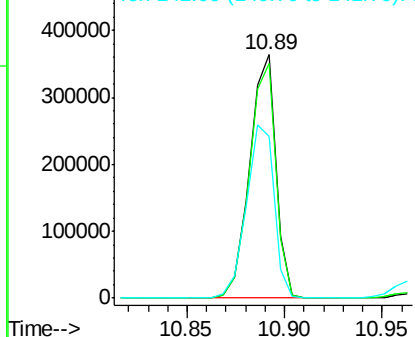


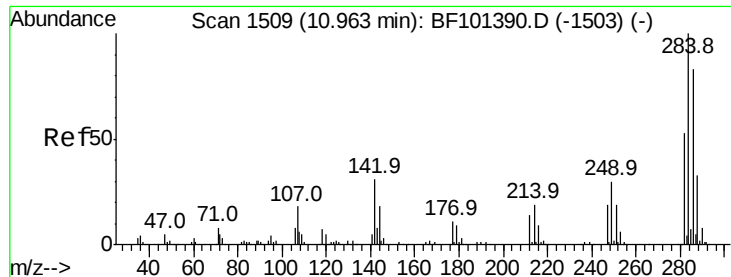
#66
4-Bromophenyl-phenylether
Concen: 55.582 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:248 Resp: 339399
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 66.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 54.402 ng

RT: 10.96 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampled :

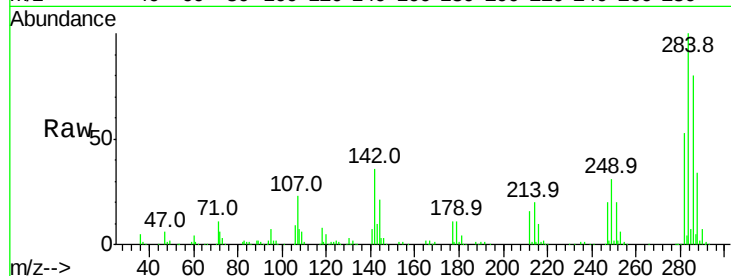
Tot Ion:284 Resp: 356030

Ion Ratio Lower Upper

284 100

142 36.0 34.6 52.0

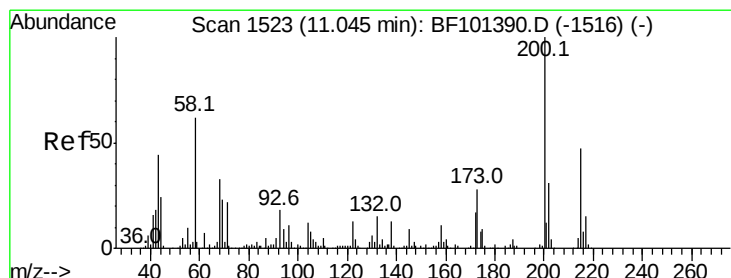
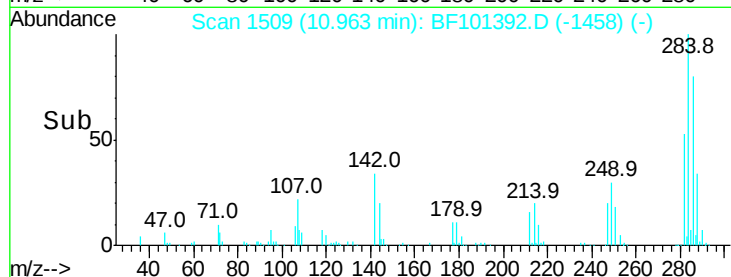
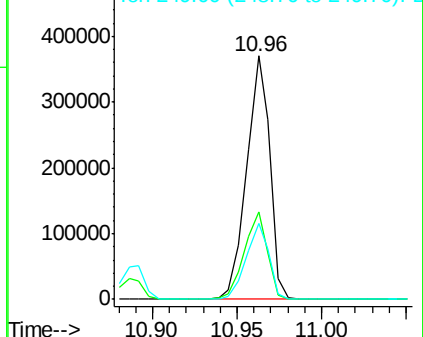
249 31.0 24.8 37.2



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: 56.038 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

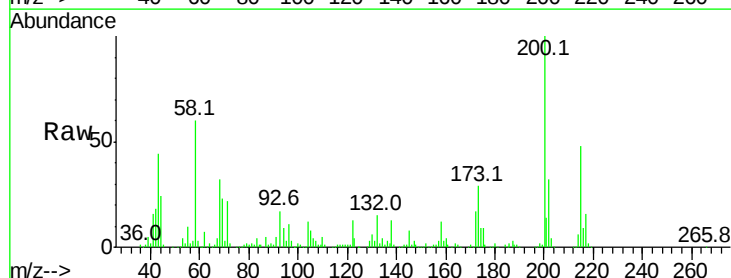
Tgt Ion:200 Resp: 330829

Ion Ratio Lower Upper

200 100

173 29.1 8.6 48.6

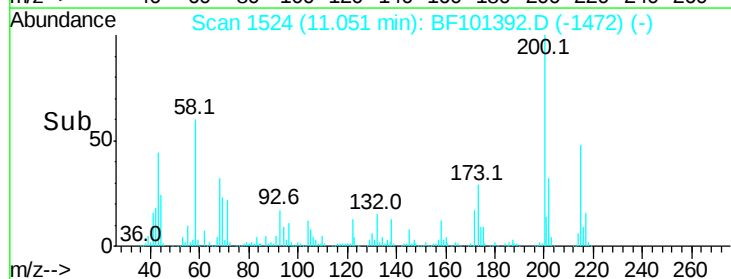
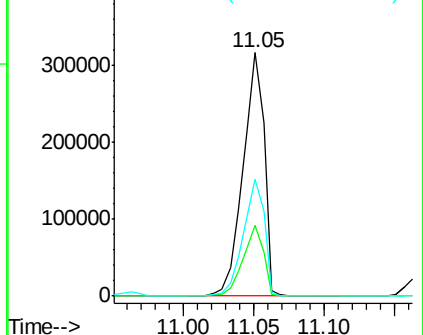
215 48.0 25.1 65.1

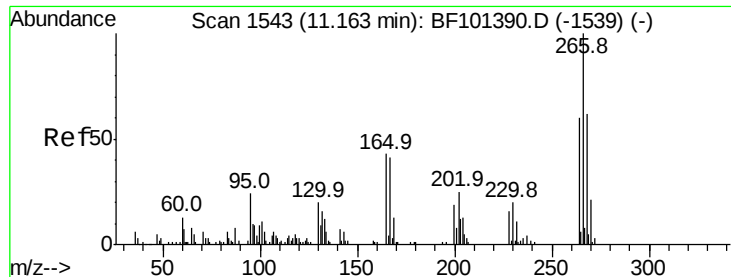


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

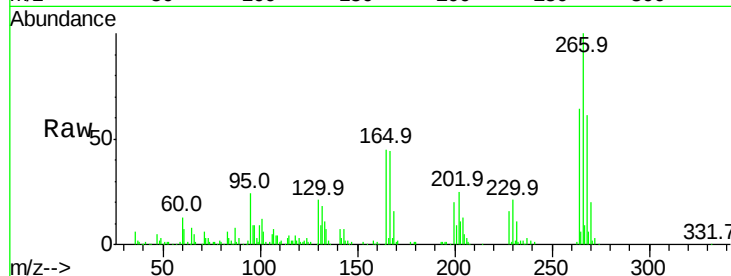




#69
 Pentachlorophenol
 Concen: 42.766 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.1	76.7
264	63.7	49.5	74.3

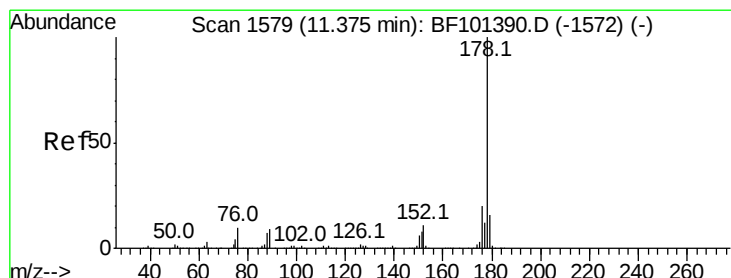
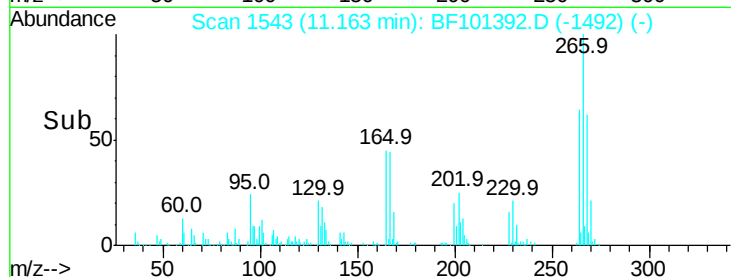
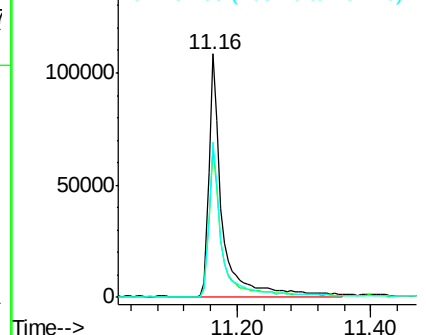


Abundance

Ion 265.70 (265.40 to 266.40): E

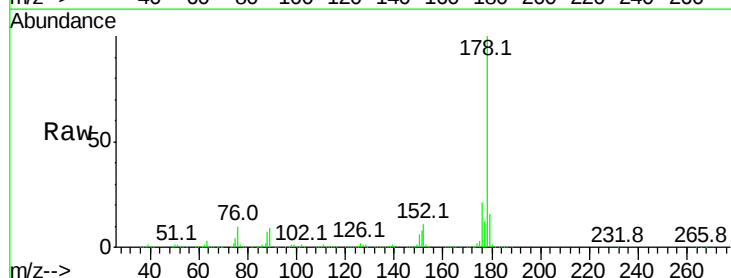
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 52.461 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.8	13.0	19.6

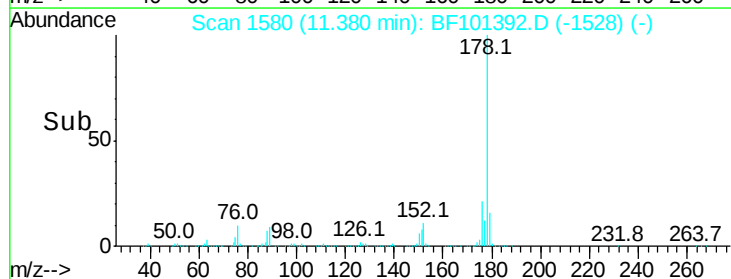
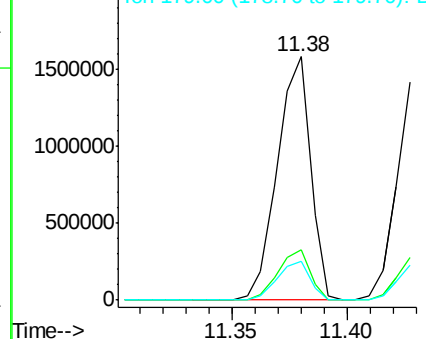


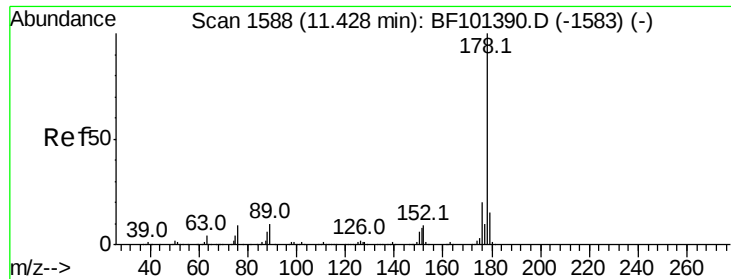
Abundance

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

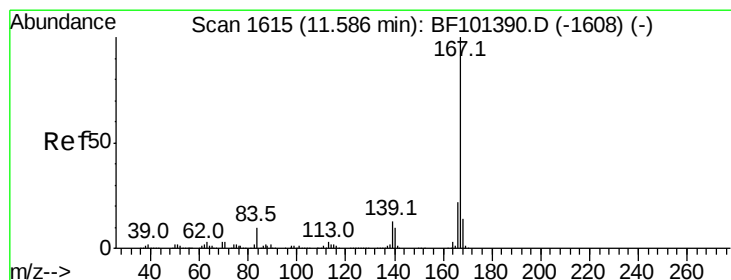
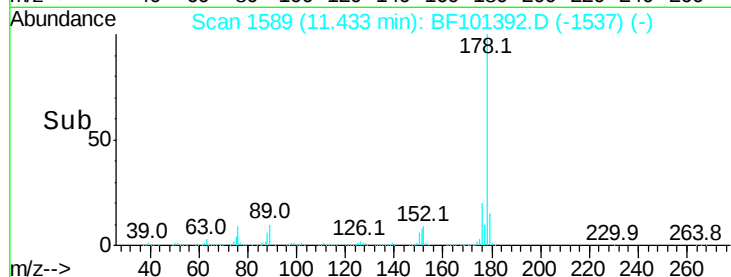
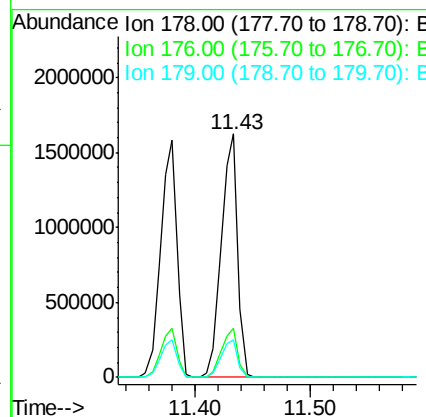
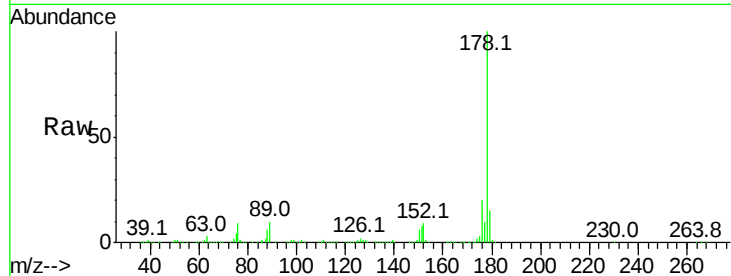




#71
 Anthracene
 Concen: 52.058 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

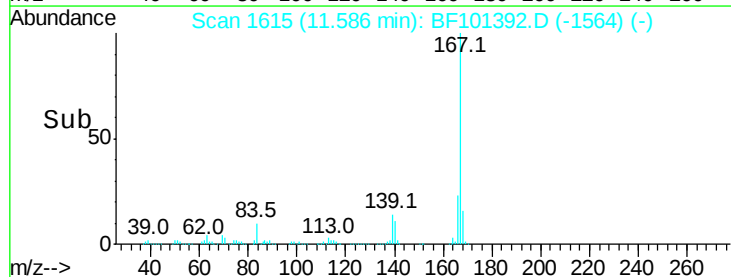
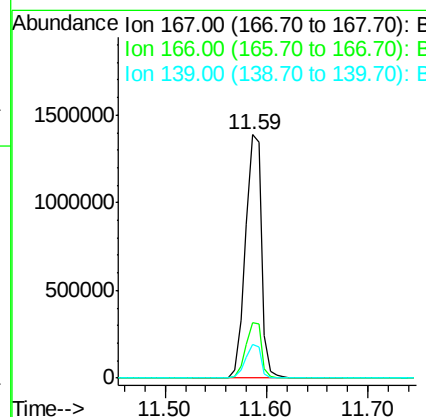
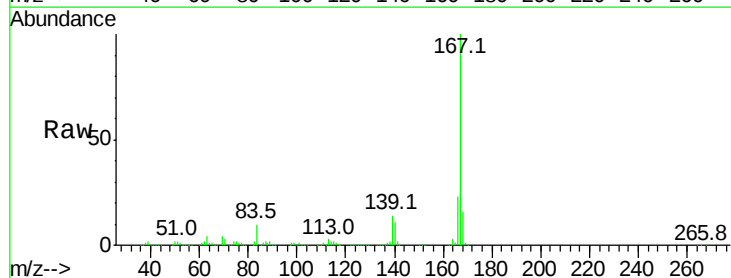
Instrument :
 BNA_F
 ClientSampleId :

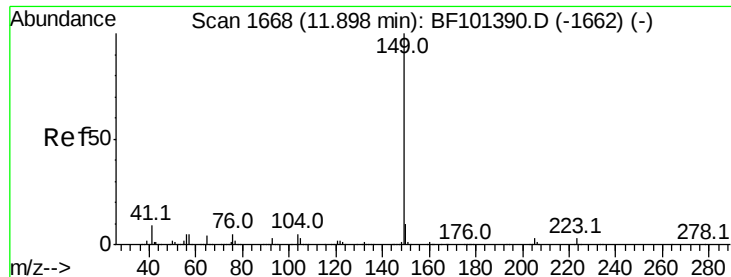
Tot Ion:178 Resp: 1582840
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 54.796 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion:167 Resp: 1522267
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 52.454 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

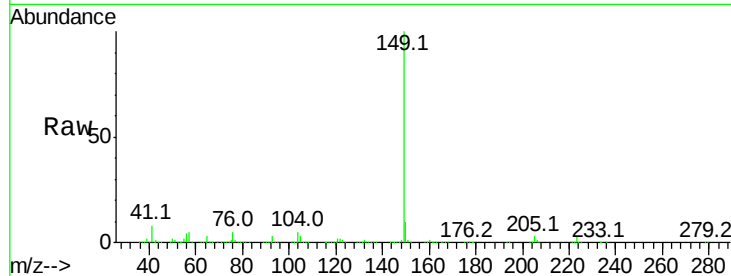
Tot Ion:149 Resp: 1826476

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

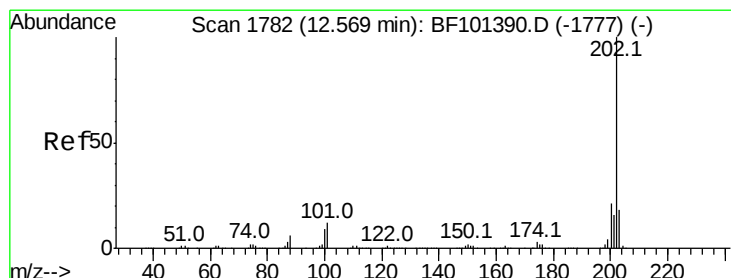
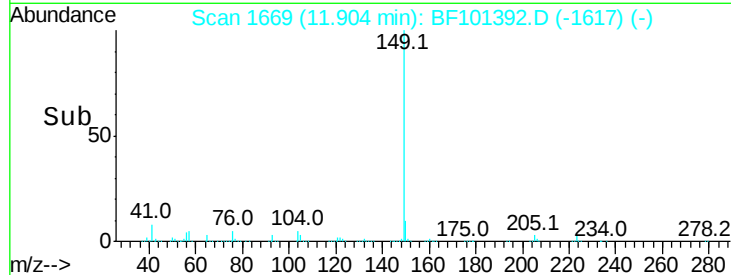
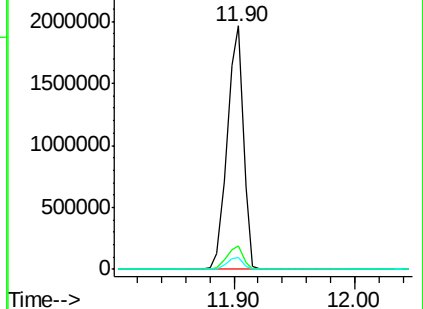
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.478 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

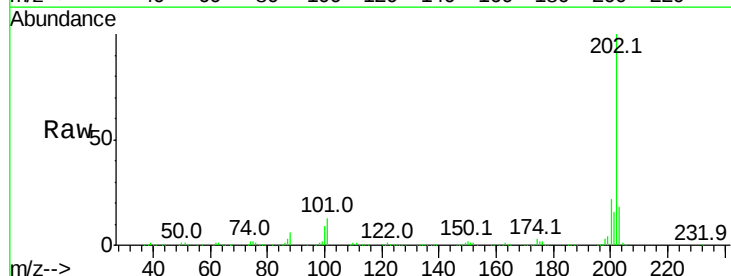
Tgt Ion:202 Resp: 1680980

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

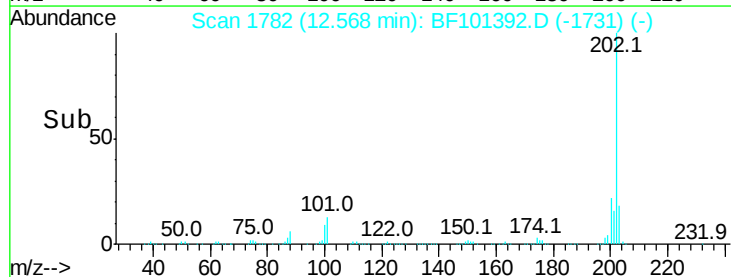
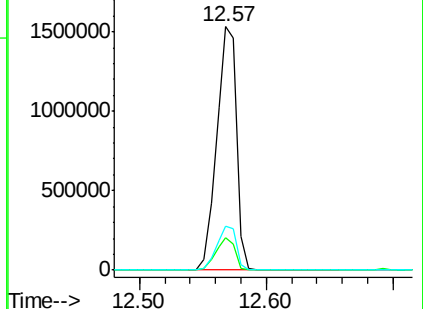
203 18.3 0.0 38.1

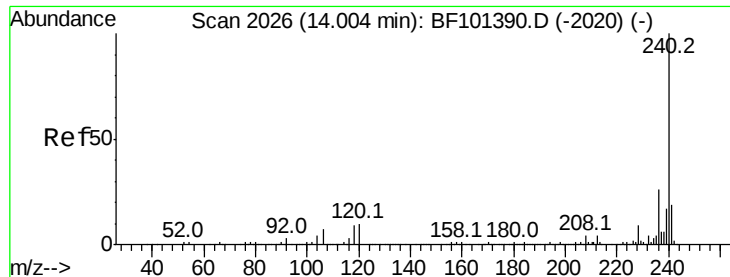


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

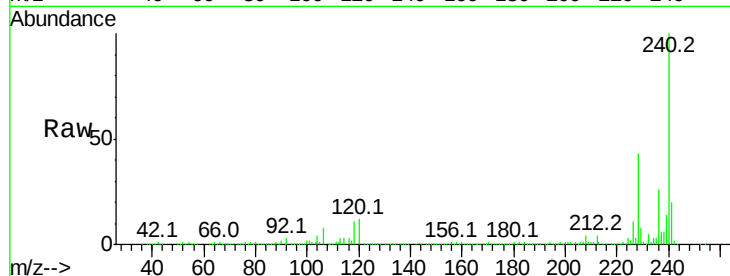
Tot Ion:240 Resp: 404757

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

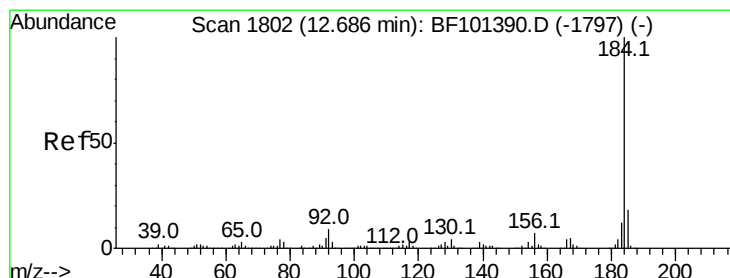
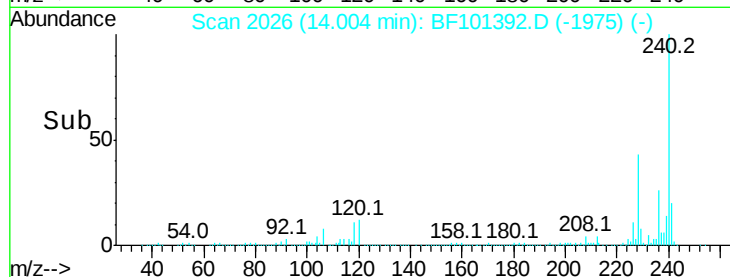
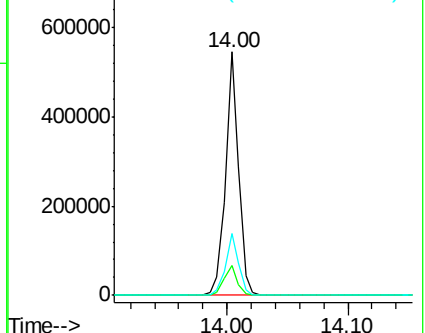
236 25.6 20.7 31.1



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: 77.641 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

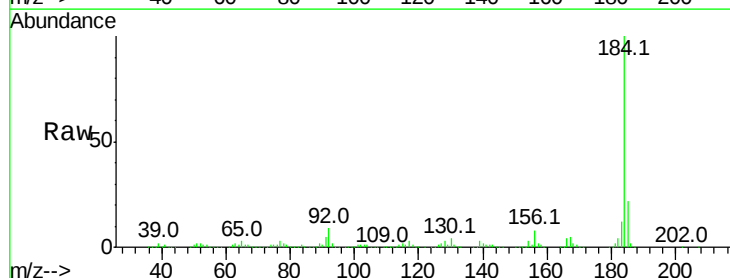
Tgt Ion:184 Resp: 1021911

Ion Ratio Lower Upper

184 100

185 21.5 12.6 18.8#

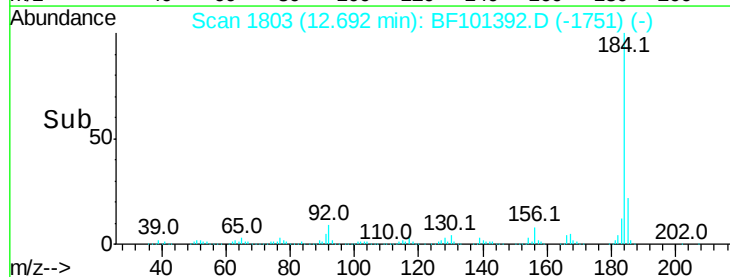
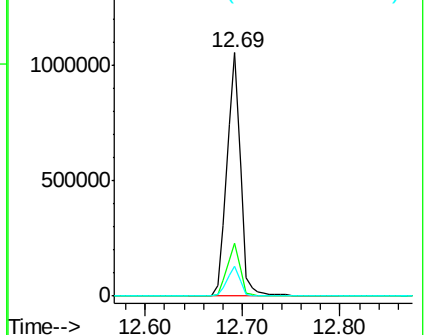
183 12.2 9.3 13.9

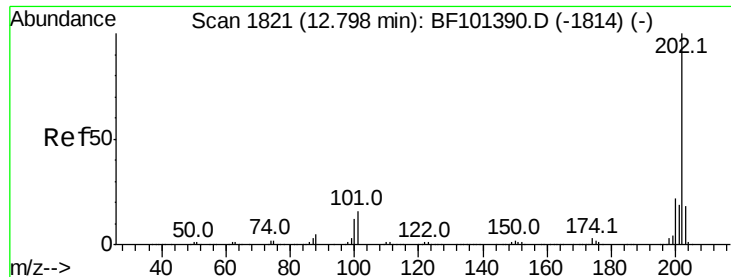


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 60.761 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

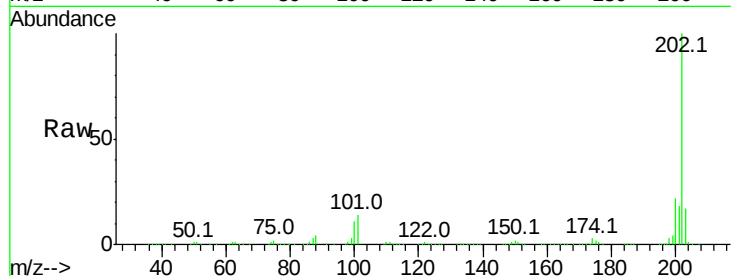
Tot Ion:202 Resp: 1697011

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

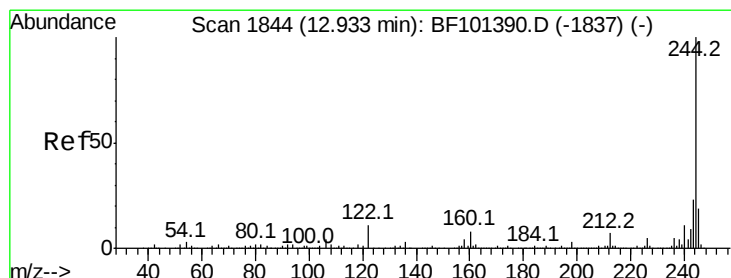
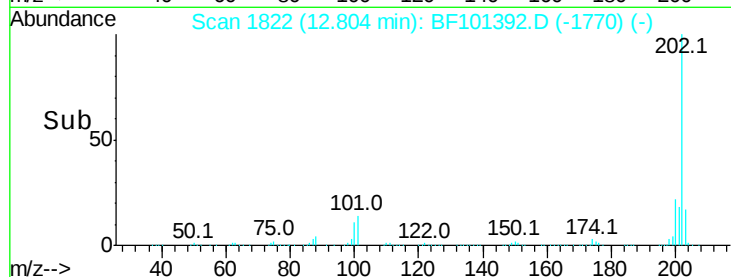
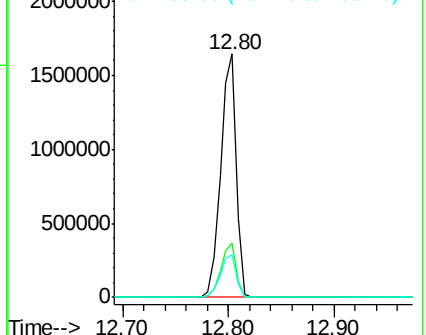
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.844 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

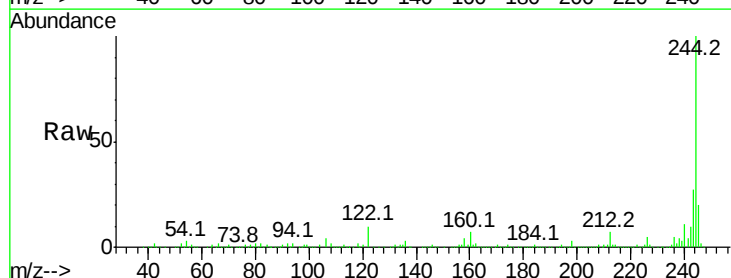
Tgt Ion:244 Resp: 1773615

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

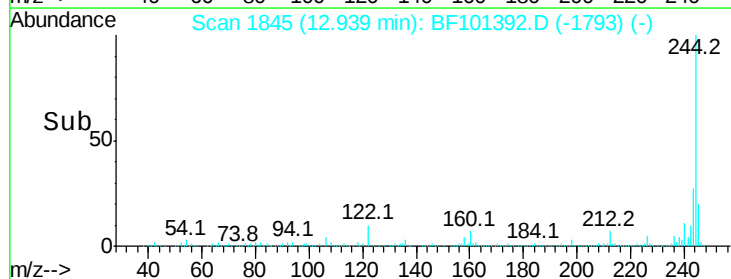
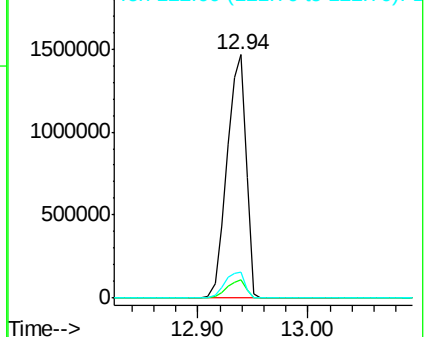
122 10.4 11.0 16.4#

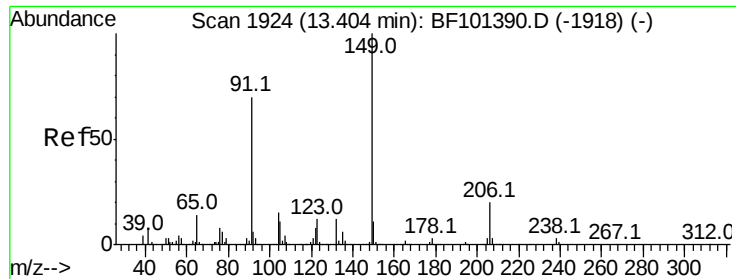


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

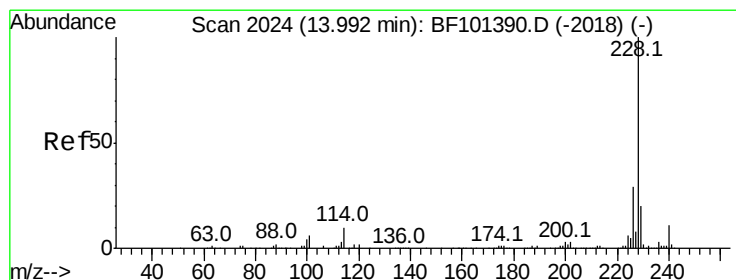
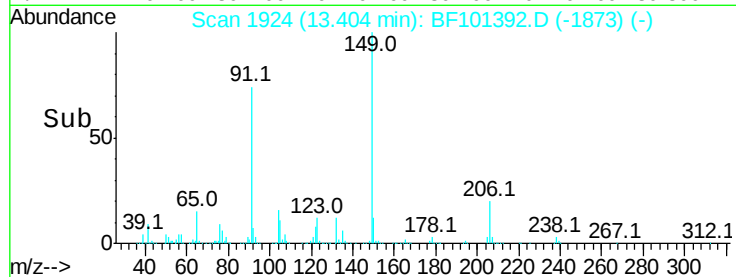
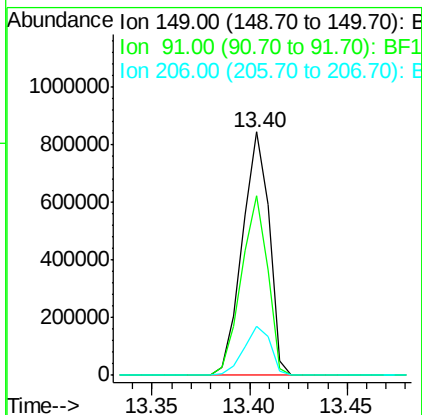
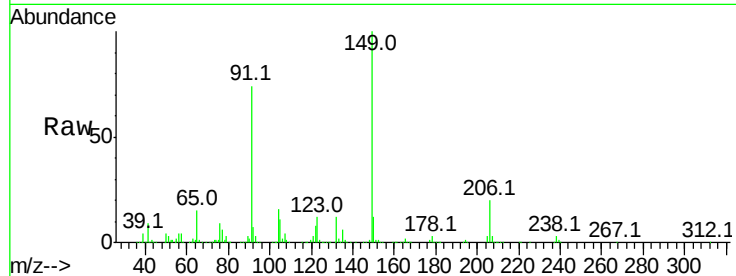




#79
Butylbenzylphthalate
Concen: 65.344 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

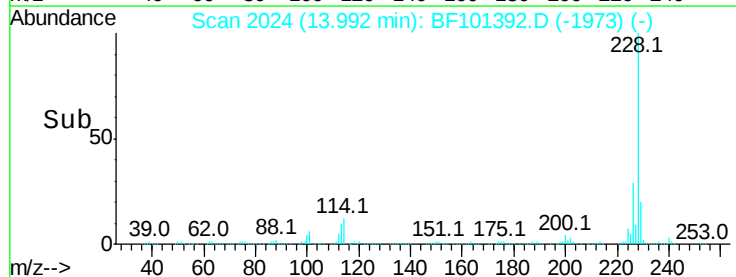
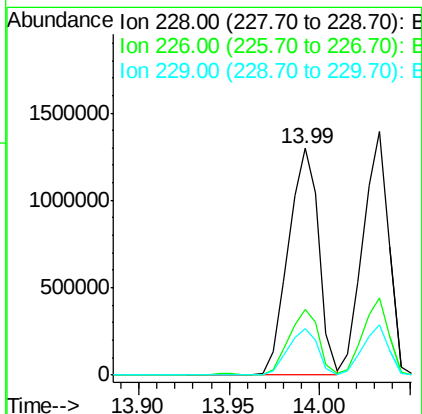
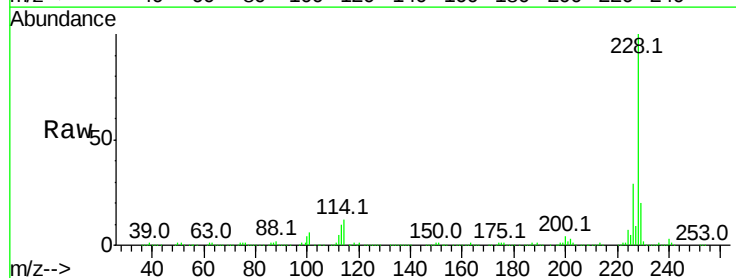
Instrument :
BNA_F
ClientSampleId :

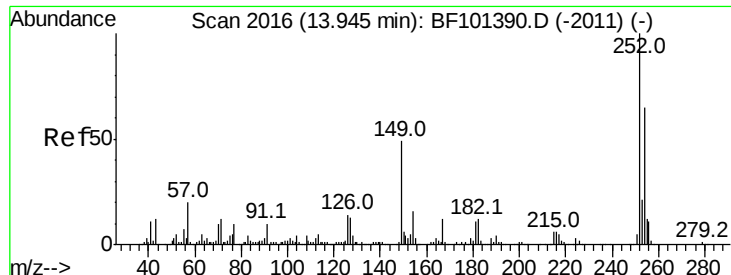
Tot Ion:149 Resp: 804631
Ion Ratio Lower Upper
149 100
91 73.8 56.8 85.2
206 20.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 59.527 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:228 Resp: 1521250
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.3 15.8 23.6

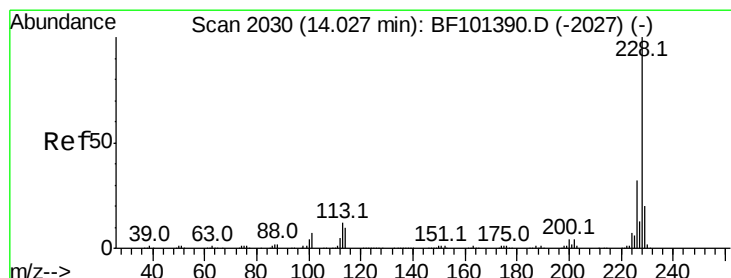
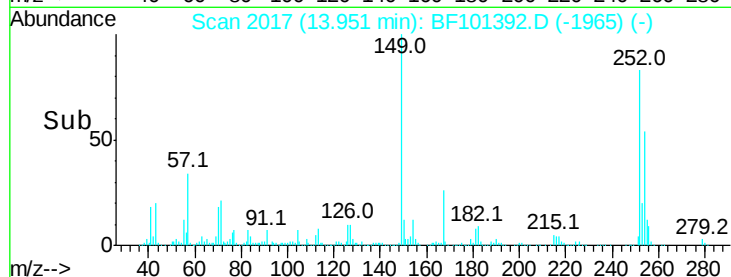
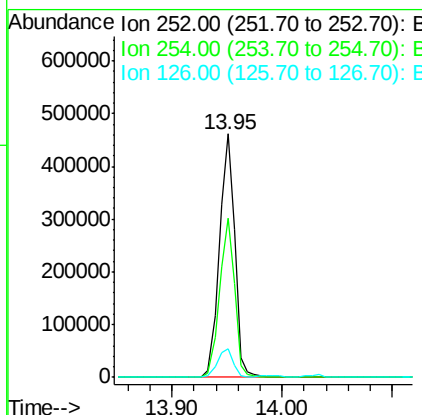
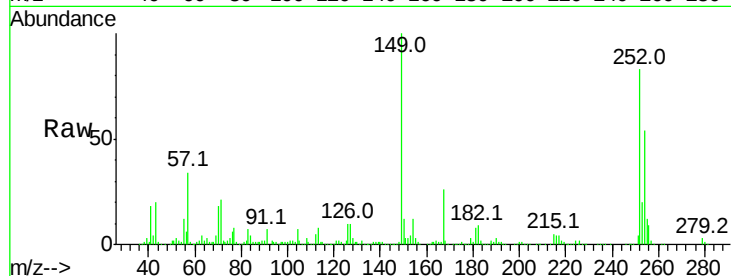




#81
 3,3'-Dichlorobenzidine
 Concen: 50.351 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

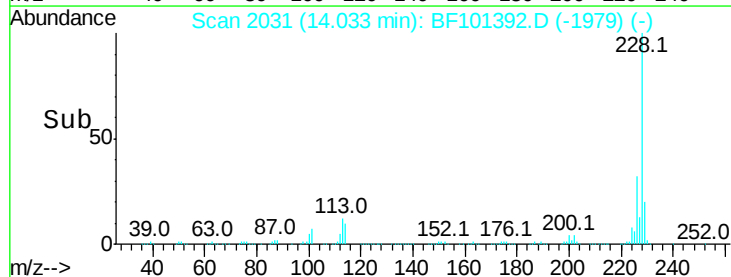
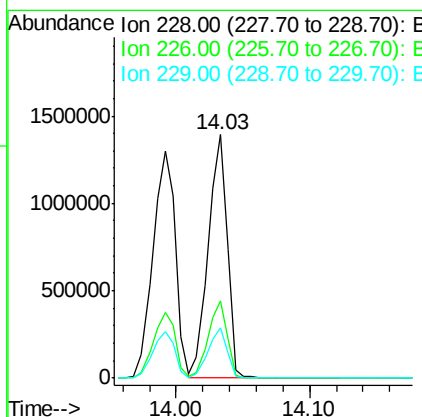
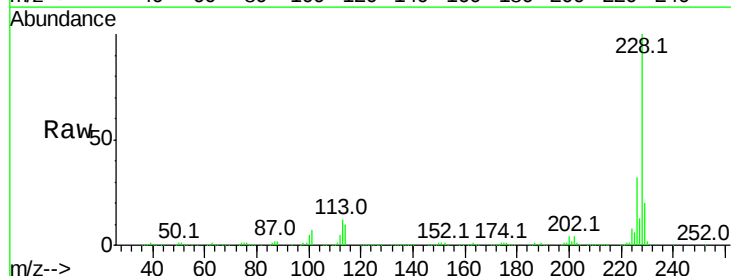
Instrument :
 BNA_F
 ClientSampleId :

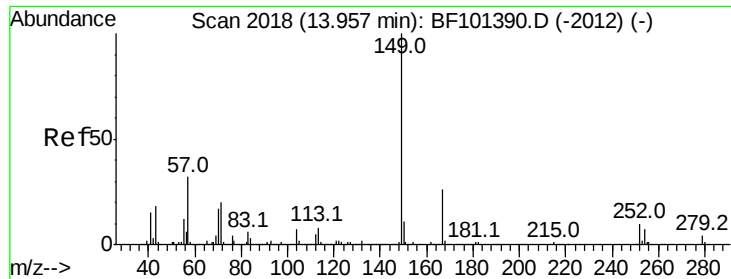
Tot Ion:252 Resp: 445635
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.4 75.6
 126 11.6 11.3 16.9



#82
 Chrysene
 Concen: 58.565 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion:228 Resp: 1389986
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.729 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

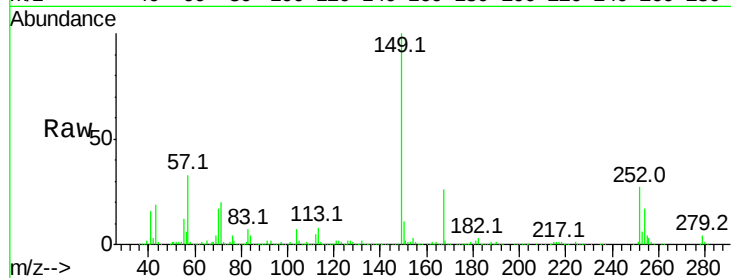
Tot Ion:149 Resp: 925785

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

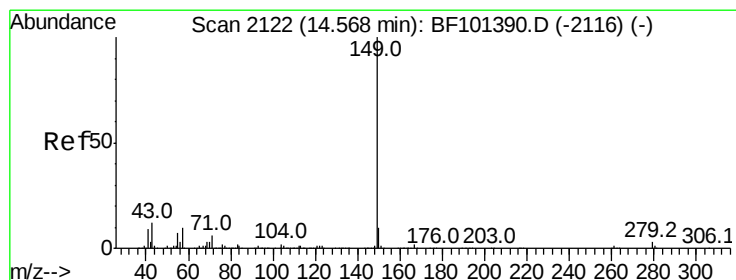
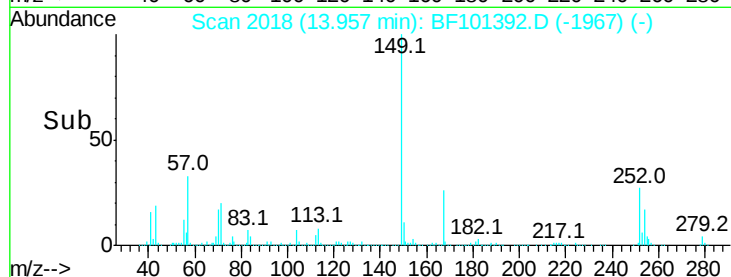
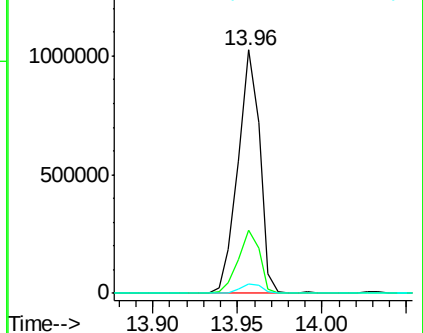
279 3.6 3.0 4.4



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: 60.085 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

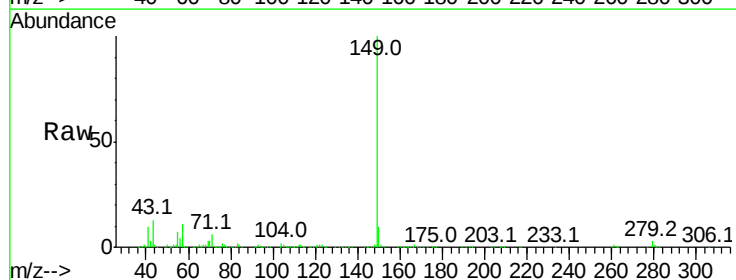
Tgt Ion:149 Resp: 1756494

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

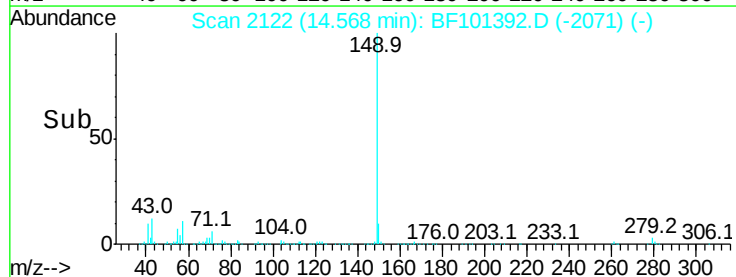
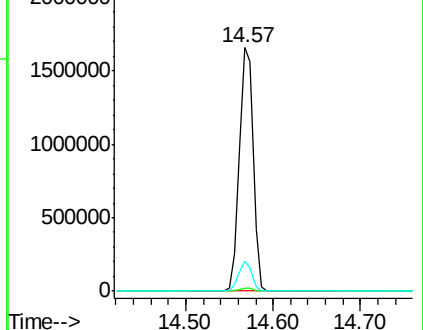
43 11.9 8.4 12.6

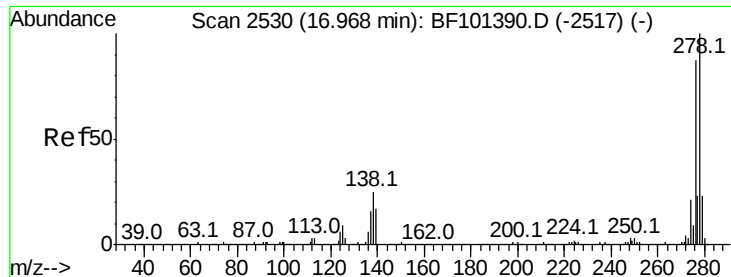


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

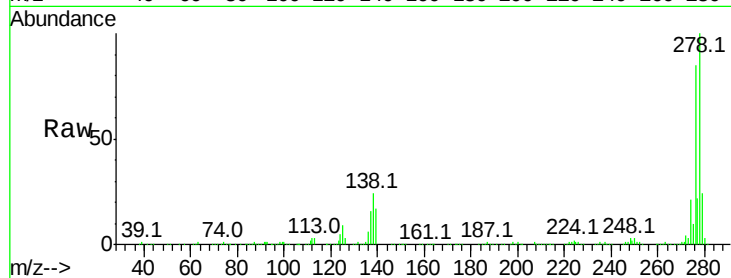




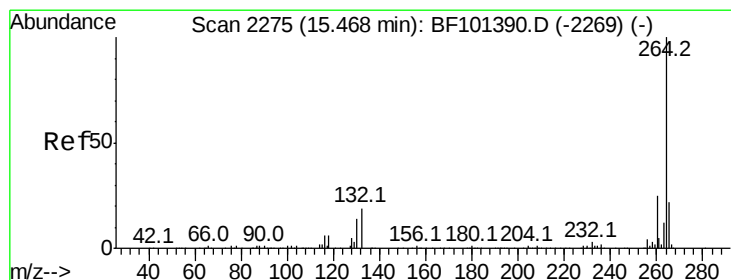
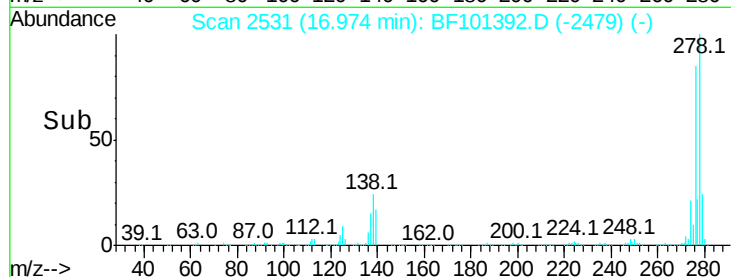
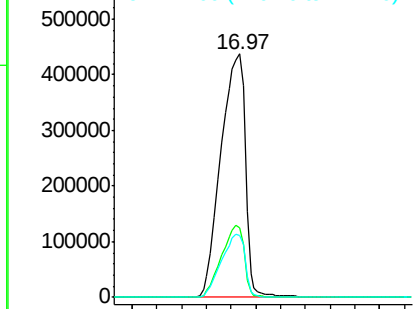
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.066 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1204119
 Ion Ratio Lower Upper
 276 100
 138 27.6 25.0 37.6
 277 25.1 20.1 30.1

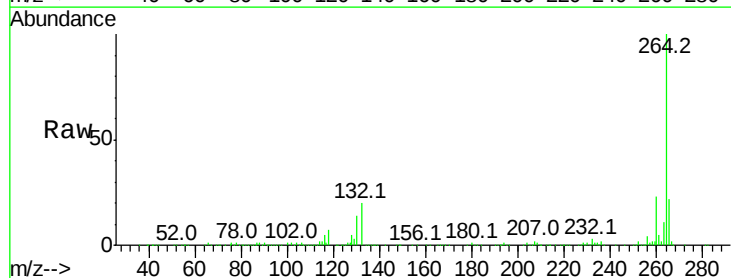


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

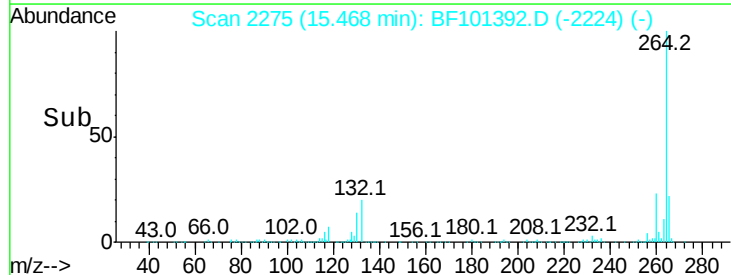
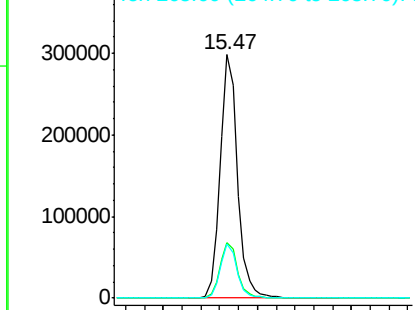


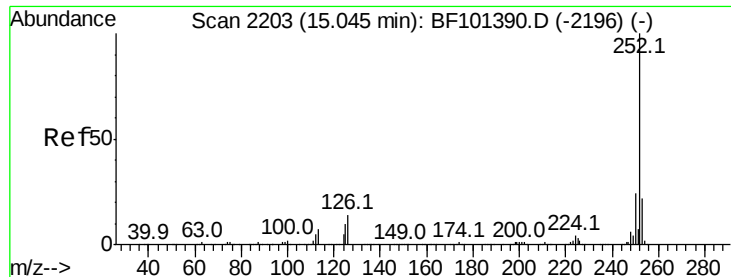
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BF101392.D
 Acq: 14 Dec 2017 13:39

Tgt Ion:264 Resp: 382603
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 22.0 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 56.866 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

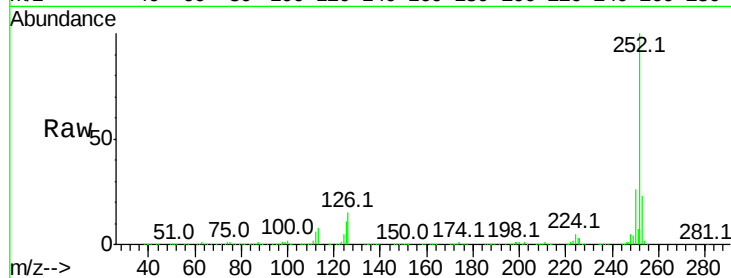
Tot Ion:252 Resp: 1303202

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

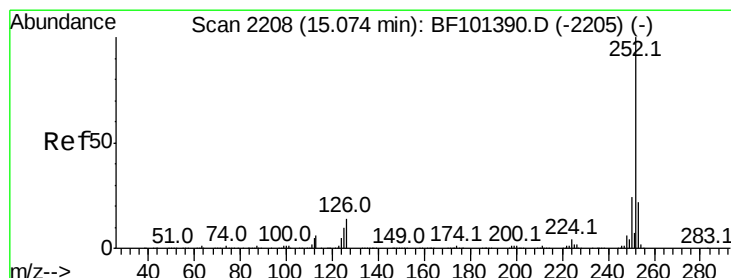
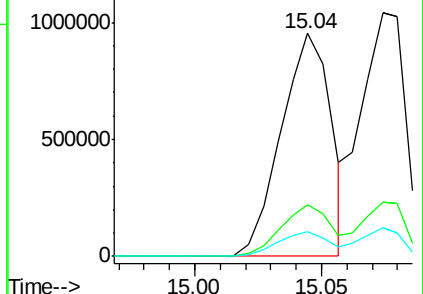
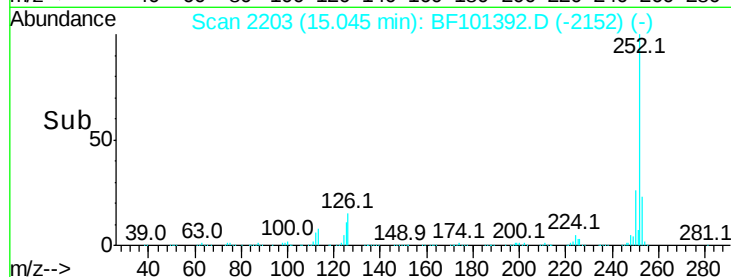
125 11.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 56.998 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

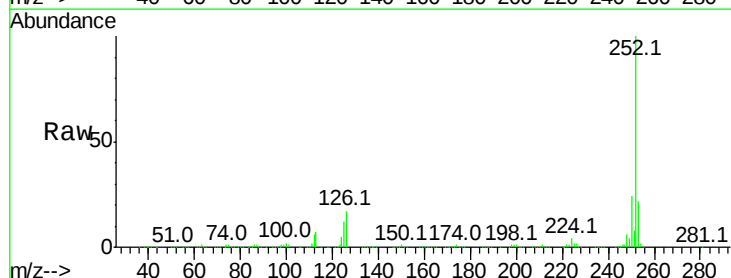
Tgt Ion:252 Resp: 1286928

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

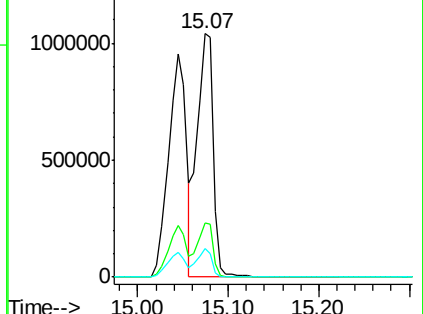
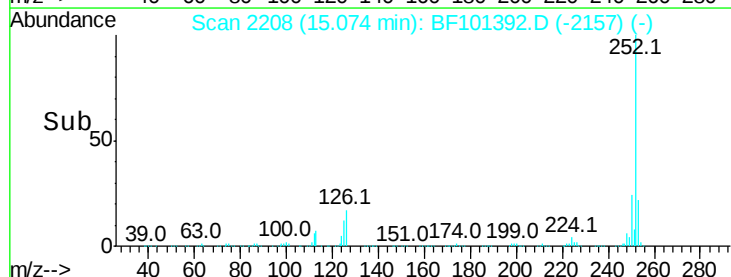
125 11.6 10.2 15.2

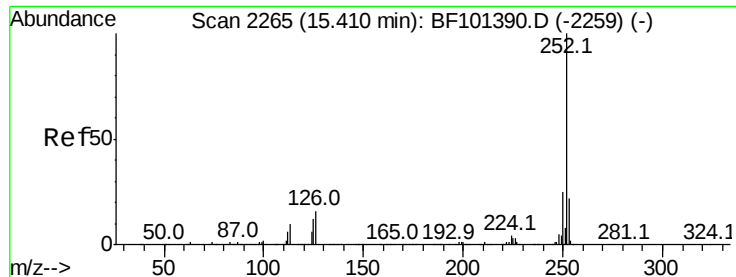


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

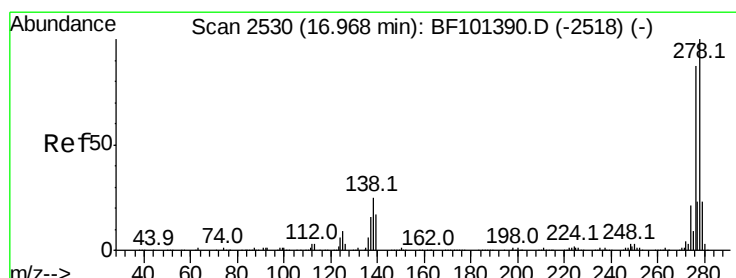
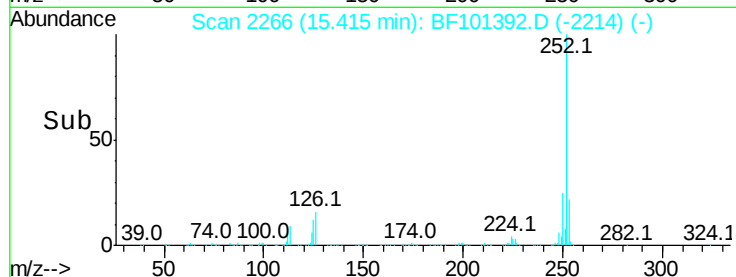
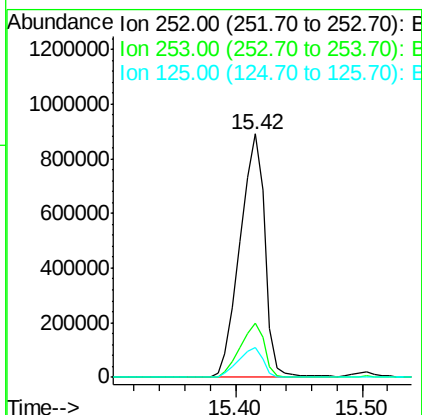
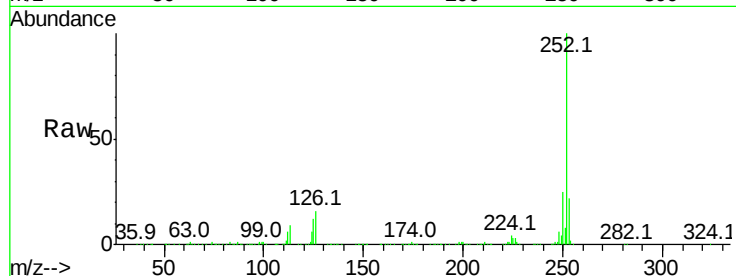




#89
Benzo(a)pyrene
Concen: 58.149 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

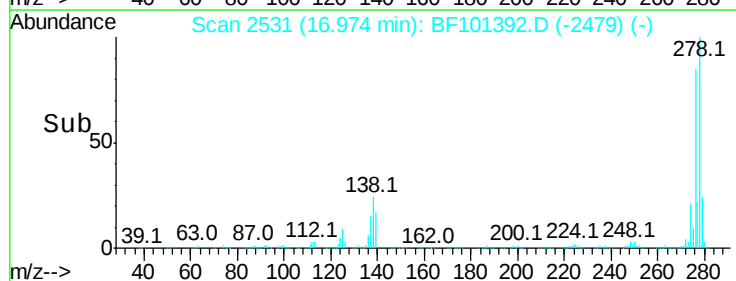
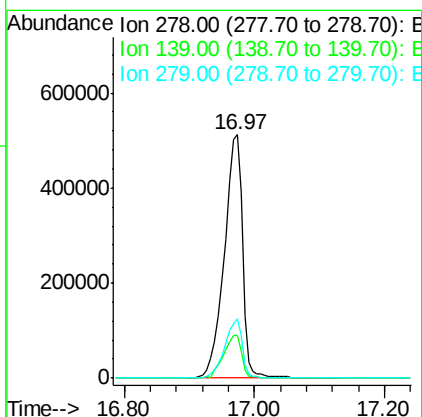
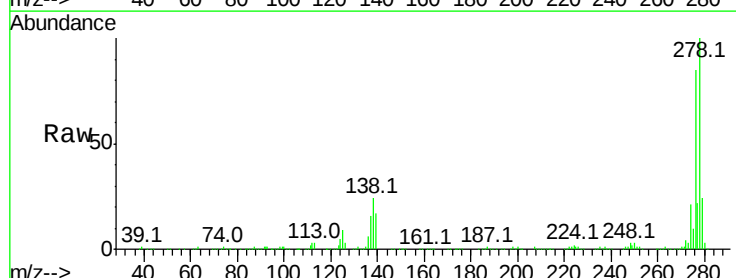
Instrument :
BNA_F
ClientSampled :

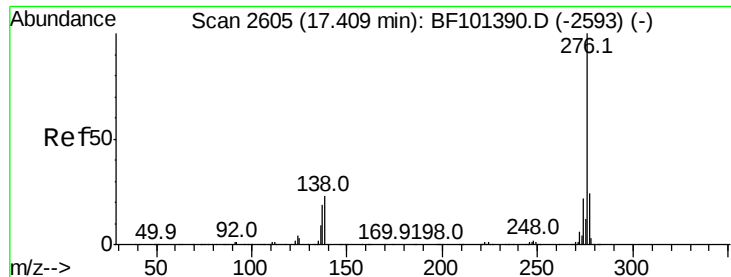
Tot Ion:252 Resp: 1211496
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 12.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 54.533 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF101392.D
Acq: 14 Dec 2017 13:39

Tgt Ion:278 Resp: 1001627
Ion Ratio Lower Upper
278 100
139 17.4 15.9 23.9
279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 59.254 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BF101392.D

Acq: 14 Dec 2017 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1025677

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 23.1 21.8 32.8

