

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101424.D
 Acq On : 15 Dec 2017 5:37
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 07:33:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	153639	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	624262	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	279598	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	518869	20.00	ng	0.00
75) Chrysene-d12	13.99	240	324385	20.00	ng	-0.01
86) Perylene-d12	15.46	264	289341	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	809449	78.48	ng	0.00
7) Phenol-d6	6.46	99	953670	74.29	ng	0.00
23) Nitrobenzene-d5	7.39	82	865957	77.22	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	208306	77.32	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1394085	77.35	ng	0.00
78) Terphenyl-d14	12.93	244	1174124	87.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	196750	37.124	ng	93
3) Pyridine	3.31	79	568227	38.589	ng	97
4) n-Nitrosodimethylamine	3.28	42	255781	37.727	ng	# 98
6) Aniline	6.48	93	669482	37.530	ng	93
8) 2-Chlorophenol	6.60	128	409134	37.708	ng	99
9) Benzaldehyde	6.37	77	363646	38.359	ng	99
10) Phenol	6.47	94	548503	37.490	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	440498	38.384	ng	92
12) 1,3-Dichlorobenzene	6.76	146	463414	37.844	ng	99
13) 1,4-Dichlorobenzene	6.83	146	475256	38.006	ng	99
14) 1,2-Dichlorobenzene	6.99	146	426473	37.889	ng	98
15) Benzyl Alcohol	6.96	79	323039	36.562	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	676559	38.520	ng	82
17) 2-Methylphenol	7.07	107	367366	36.809	ng	96
18) Hexachloroethane	7.32	117	162648	37.411	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	298596	35.421	ng	93
20) 3+4-Methylphenols	7.23	107	408163	38.593	ng	# 64
22) Acetophenone	7.23	105	528788	37.123	ng	# 89
24) Nitrobenzene	7.40	77	463032	37.306	ng	97
25) Isophorone	7.64	82	823593	36.609	ng	97
26) 2-Nitrophenol	7.72	139	223906	41.991	ng	97
27) 2,4-Dimethylphenol	7.76	122	341039	37.647	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	533062	37.302	ng	99
29) 2,4-Dichlorophenol	7.96	162	348277	38.915	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	360353	38.154	ng	98
31) Naphthalene	8.12	128	1162186	36.980	ng	99
32) Benzoic acid	7.90	122	178769	32.392	ng	95
33) 4-Chloroaniline	8.17	127	500643	36.652	ng	97
34) Hexachlorobutadiene	8.23	225	212594	38.919	ng	98
35) Caprolactam	8.56	113	115276	37.095	ng	# 88
36) 4-Chloro-3-methylphenol	8.66	107	371768	37.794	ng	98
37) 2-Methylnaphthalene	8.81	142	758037	37.021	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	362864	38.439	ng	97
40) Hexachlorocyclopentadiene	8.96	237	19104	23.817	ng	98

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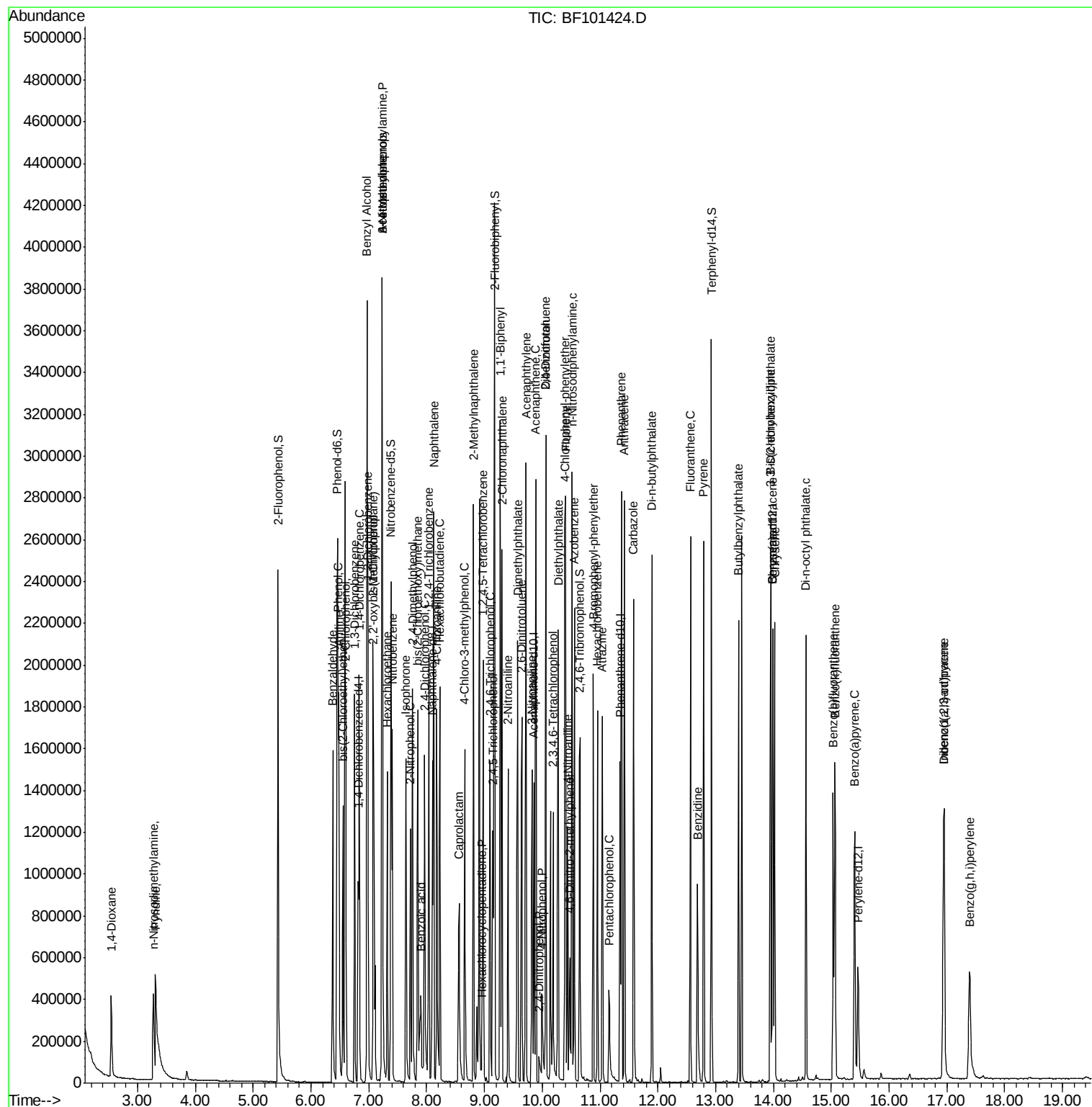
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	228830	40.265	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	247103	39.710	ng	96
45) 1,1'-Biphenyl	9.27	154	924398	37.280	ng	99
46) 2-Chloronaphthalene	9.30	162	710237	37.434	ng	97
47) 2-Nitroaniline	9.41	65	259003	39.517	ng	94
48) Acenaphthylene	9.72	152	1099594	36.693	ng	99
49) Dimethylphthalate	9.57	163	828615	36.844	ng	100
50) 2,6-Dinitrotoluene	9.65	165	177407	38.812	ng	98
51) Acenaphthene	9.89	154	664441	36.905	ng	99
52) 3-Nitroaniline	9.82	138	219010	38.431	ng	95
53) 2,4-Dinitrophenol	9.95	184	27624	25.434	ng	# 16
54) Dibenzofuran	10.06	168	880371	38.477	ng	100
55) 4-Nitrophenol	10.00	139	90652	36.481	ng	94
56) 2,4-Dinitrotoluene	10.06	165	201366	39.101	ng	# 82
57) Fluorene	10.40	166	750648	38.782	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	177861	39.784	ng	91
59) Diethylphthalate	10.27	149	822527	36.932	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	365746	39.428	ng	92
61) 4-Nitroaniline	10.44	138	198450	34.645	ng	96
62) Azobenzene	10.56	77	835939	36.233	ng	94
64) 4,6-Dinitro-2-methylphenol	10.47	198	82911	31.313	ng	91
65) n-Nitrosodiphenylamine	10.52	169	723590	37.768	ng	95
66) 4-Bromophenyl-phenylether	10.88	248	229757	39.408	ng	89
67) Hexachlorobenzene	10.96	284	231916	37.585	ng	# 89
68) Atrazine	11.05	200	221153	38.712	ng	97
69) Pentachlorophenol	11.16	266	79593	37.008	ng	99
70) Phenanthrene	11.37	178	1059601	36.721	ng	99
71) Anthracene	11.42	178	1075225	36.480	ng	100
72) Carbazole	11.58	167	1000771	36.265	ng	99
73) Di-n-butylphthalate	11.90	149	1242065	37.083	ng	99
74) Fluoranthene	12.56	202	1062487	35.080	ng	98
76) Benzidine	12.69	184	452064	32.996	ng	99
77) Pyrene	12.79	202	1065732	43.776	ng	100
79) Butylbenzylphthalate	13.40	149	489154	44.406	ng	98
80) Benzo(a)anthracene	13.99	228	805509	37.606	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	262207	37.543	ng	99
82) Chrysene	14.02	228	757956	37.478	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	610964	43.789	ng	100
84) Di-n-octyl phthalate	14.56	149	950735	38.208	ng	97
85) Indeno(1,2,3-cd)pyrene	16.95	276	647716	35.965	ng	96
87) Benzo(b)fluoranthene	15.03	252	688507	39.040	ng	98
88) Benzo(k)fluoranthene	15.06	252	604143	35.233	ng	98
89) Benzo(a)pyrene	15.40	252	613120	37.712	ng	99
90) Dibenzo(a,h)anthracene	16.95	278	560607	40.162	ng	98
91) Benzo(g,h,i)perylene	17.39	276	536197	38.793	ng	96

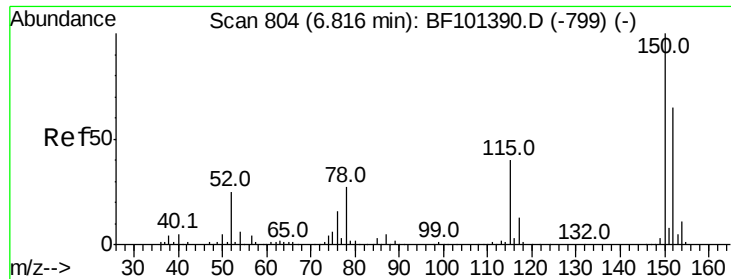
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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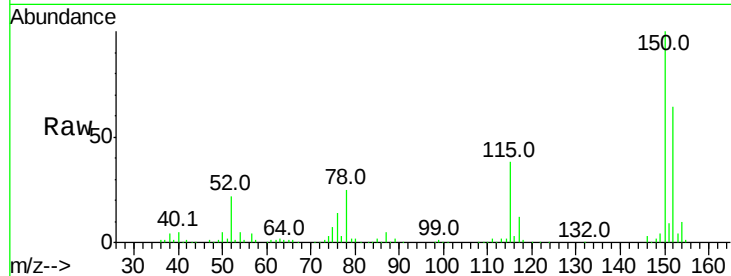


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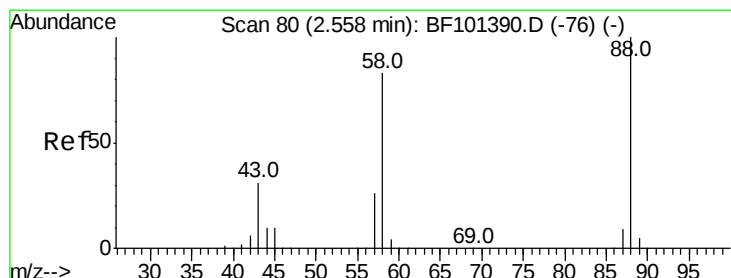
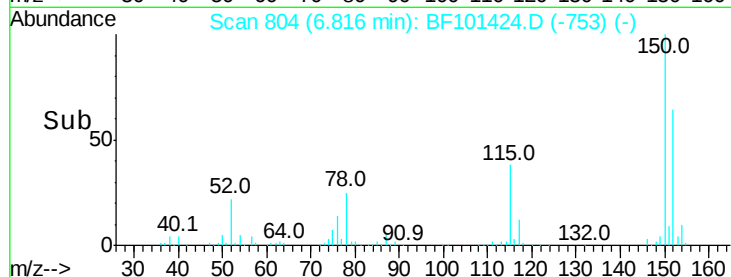
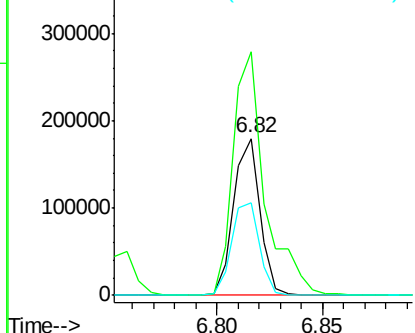
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153639
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 59.0 50.1 75.1



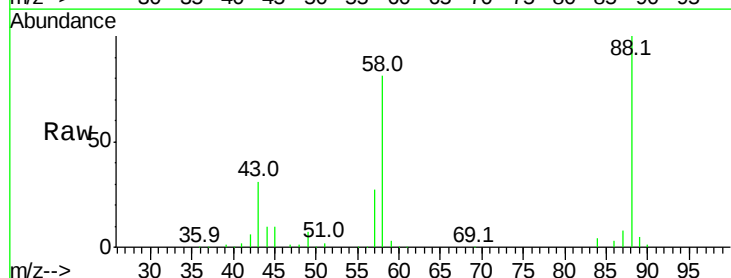
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



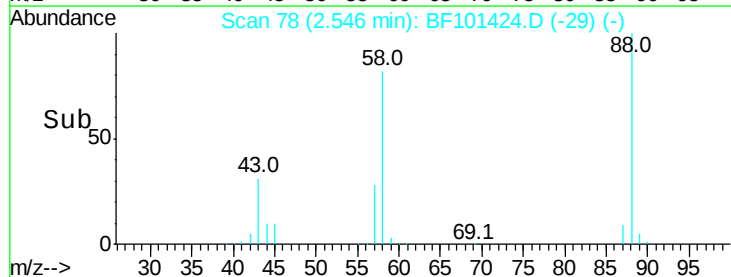
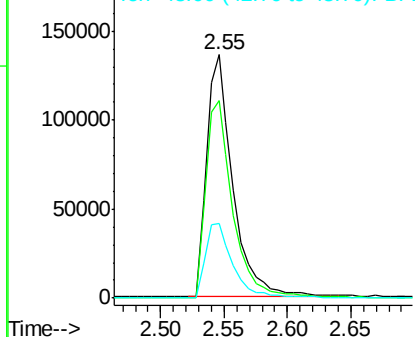
#2

1,4-Dioxane
Concen: 37.124 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion: 88 Resp: 196750
Ion Ratio Lower Upper
88 100
58 85.0 62.6 93.8
43 32.7 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

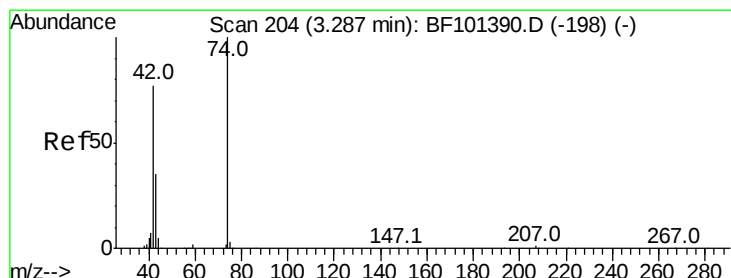
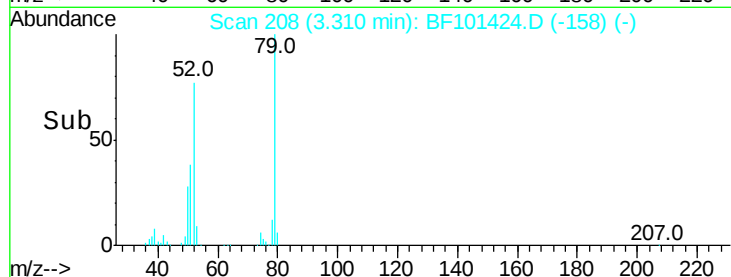
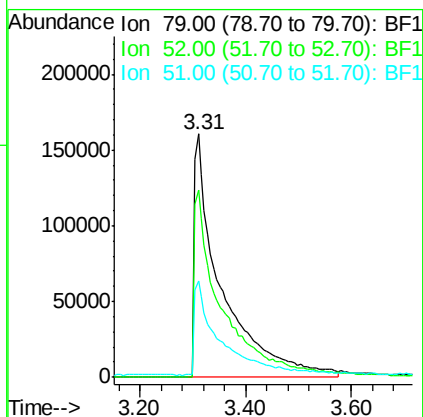
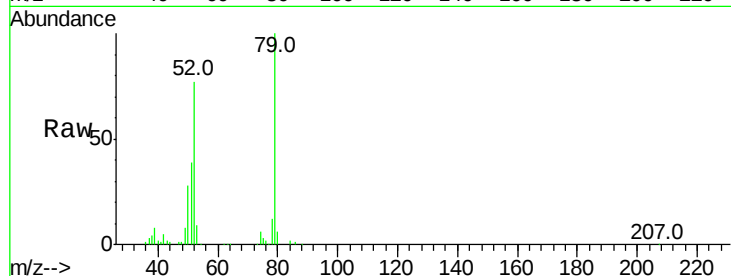




#3
Pvridine
Concen: 38.589 ng
RT: 3.31 min Scan# 208
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

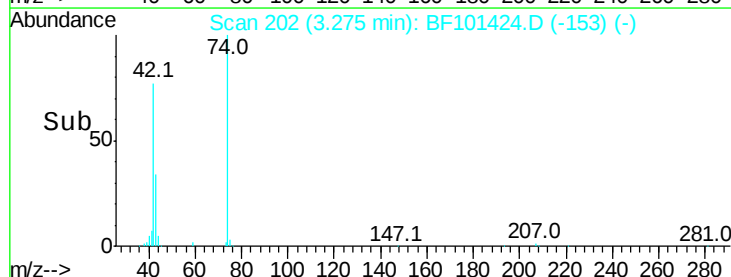
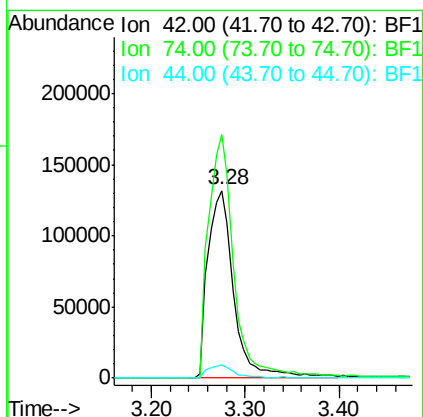
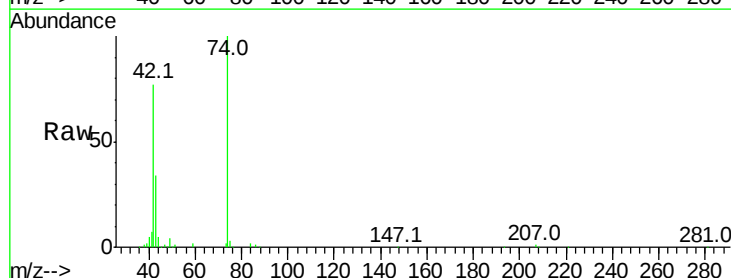
Instrument :
BNA_F
ClientSampleId :

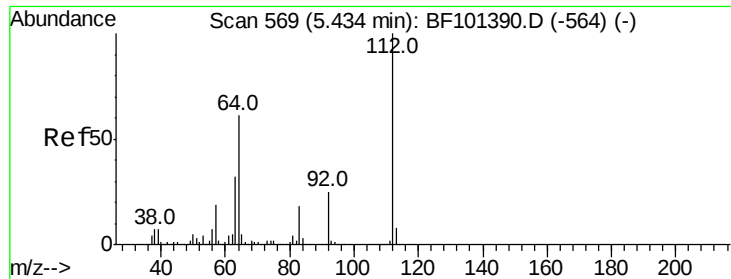
Tot Ion	Ratio	Lower	Upper
79	100		
52	77.0	59.8	89.6
51	39.4	29.8	44.8



#4
n-Nitrosodimethylamine
Concen: 37.727 ng
RT: 3.28 min Scan# 202
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.6	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 78.479 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

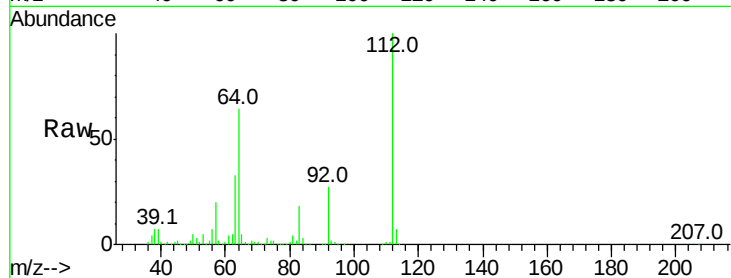
Tot Ion:112 Resp: 809449

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

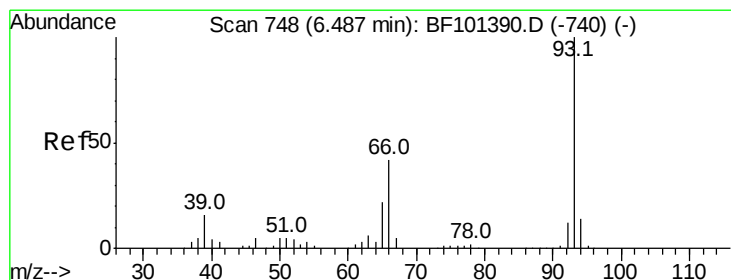
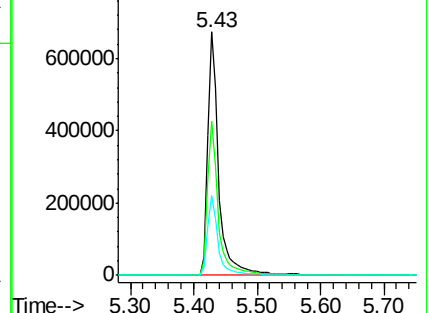
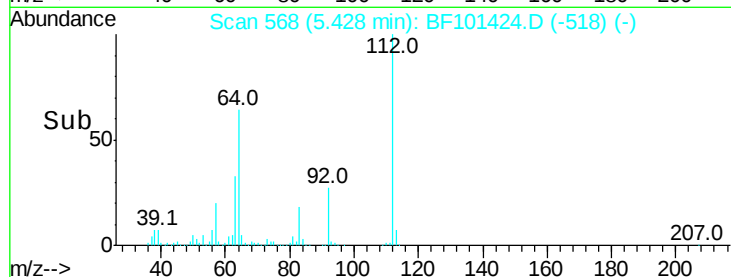
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.530 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

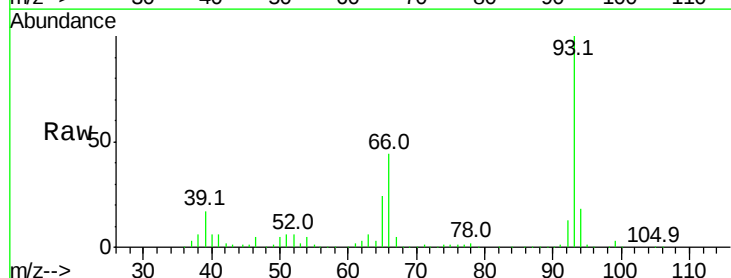
Tgt Ion: 93 Resp: 669482

Ion Ratio Lower Upper

93 100

66 44.1 32.2 48.2

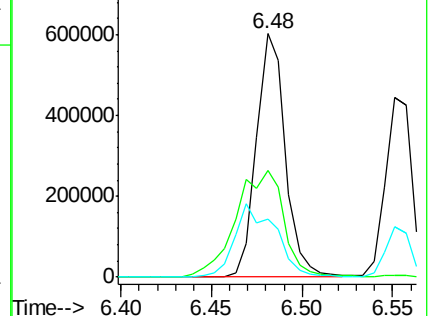
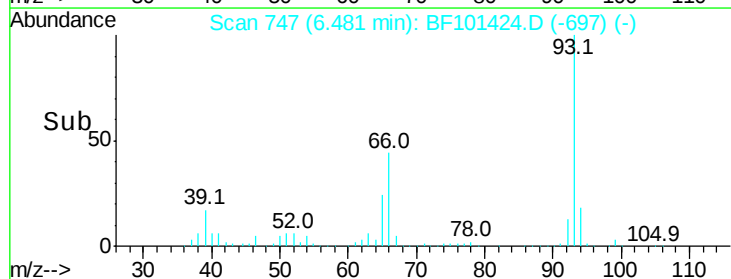
65 23.8 16.4 24.6

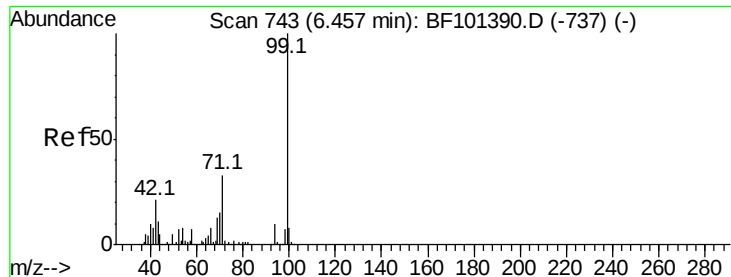


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.294 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

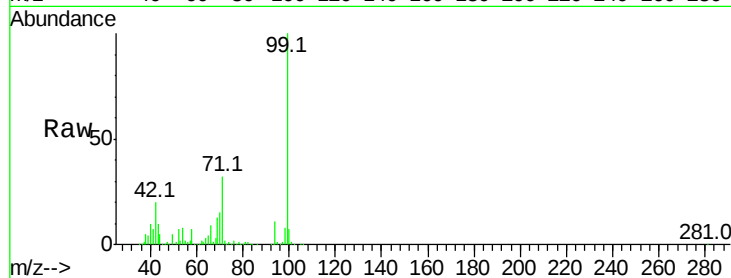
Tot Ion: 99 Resp: 953670

Ion Ratio Lower Upper

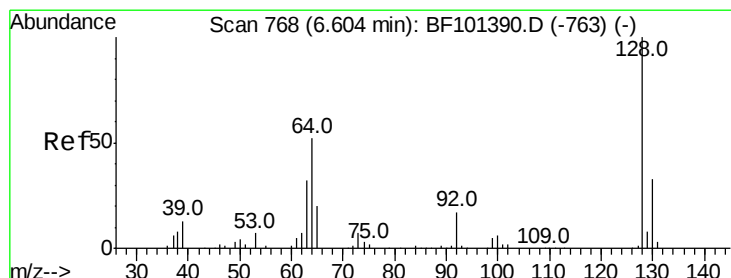
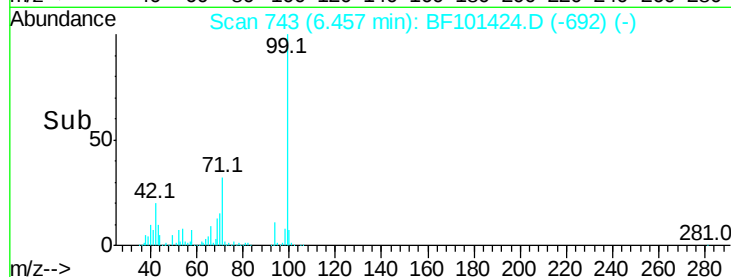
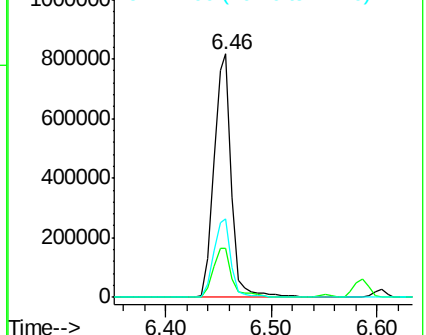
99 100

42 20.2 14.5 21.7

71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.708 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

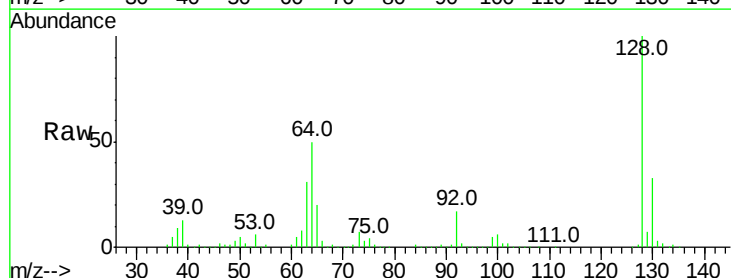
Tgt Ion: 128 Resp: 409134

Ion Ratio Lower Upper

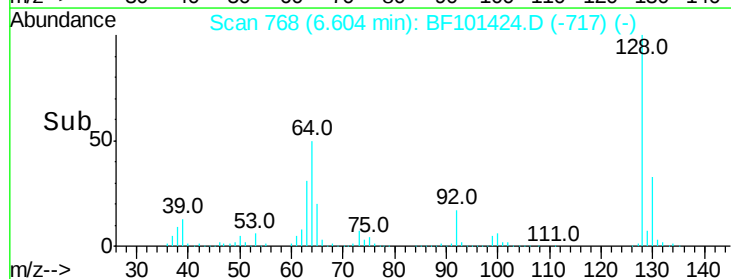
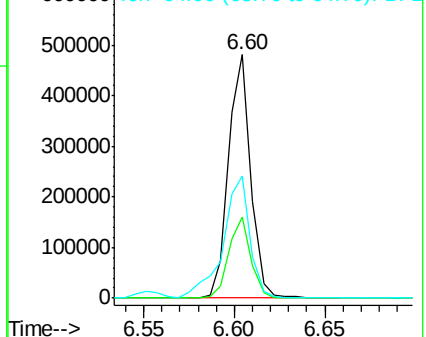
128 100

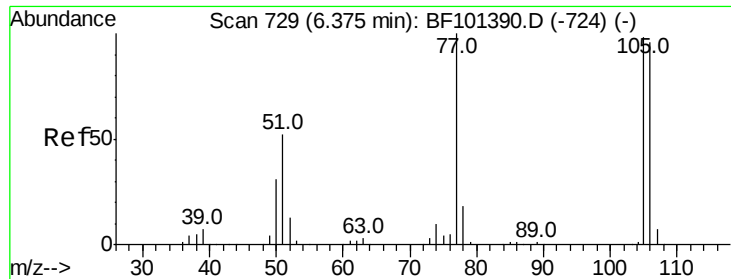
130 33.2 13.0 53.0

64 50.2 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

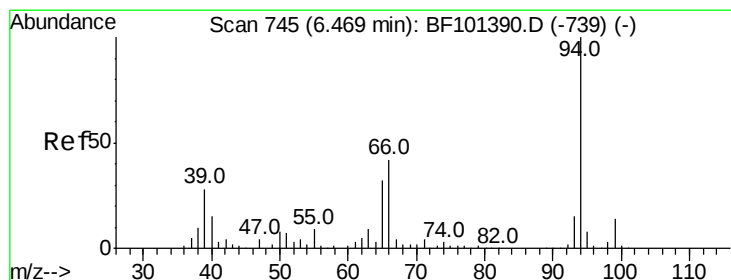
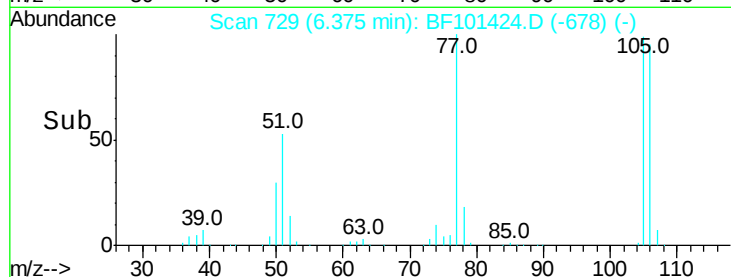
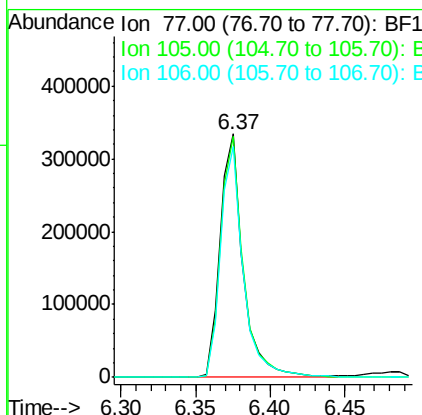
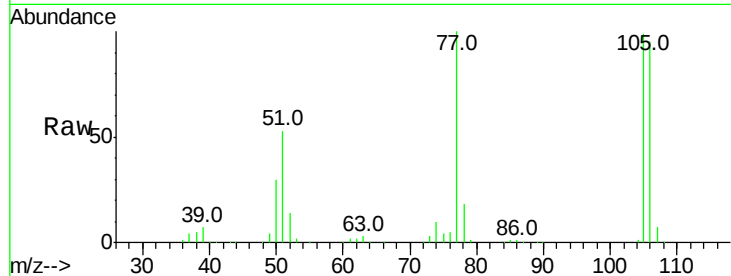




#9
Benzaldehyde
Concen: 38.359 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

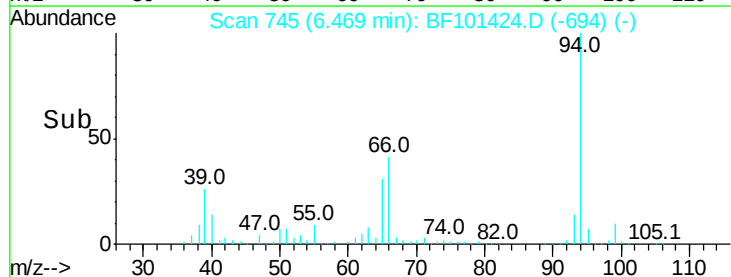
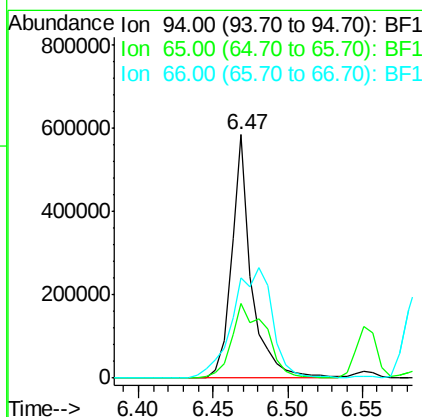
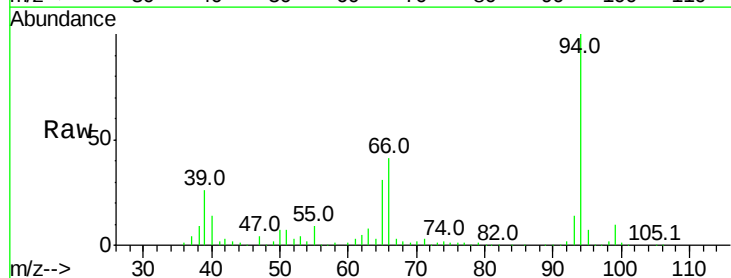
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 363646
Ion Ratio Lower Upper
77 100
105 98.8 81.1 121.1
106 95.0 74.5 114.5



#10
Phenol
Concen: 37.490 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion: 94 Resp: 548503
Ion Ratio Lower Upper
94 100
65 30.9 7.9 47.9
66 41.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.384 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampled :

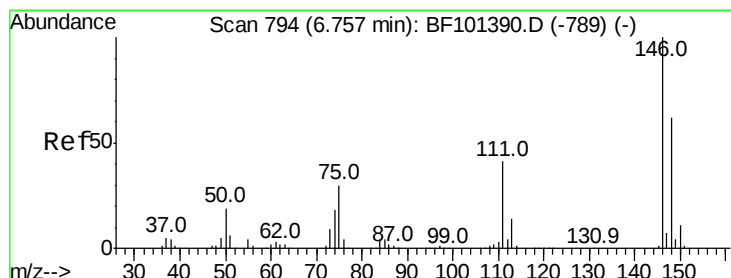
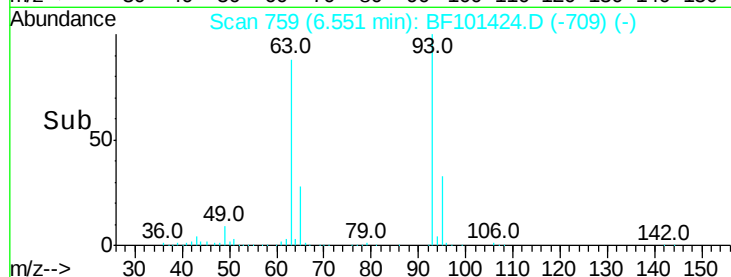
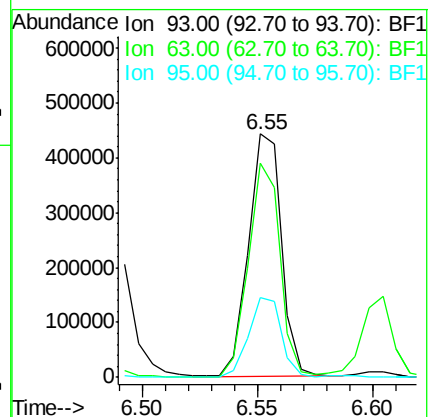
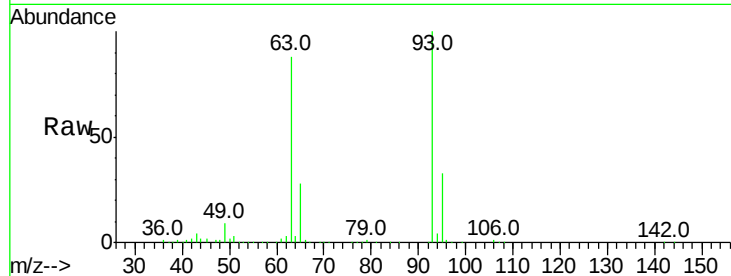
Tot Ion: 93 Resp: 440498

Ion Ratio Lower Upper

93 100

63 88.2 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.844 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

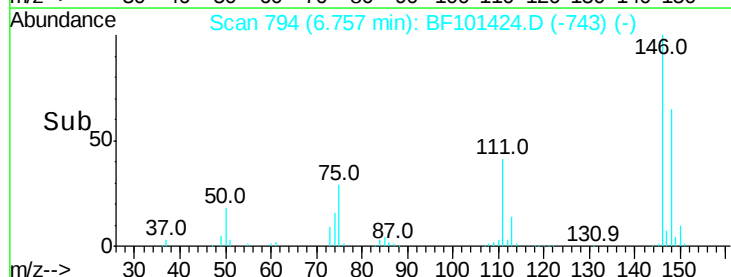
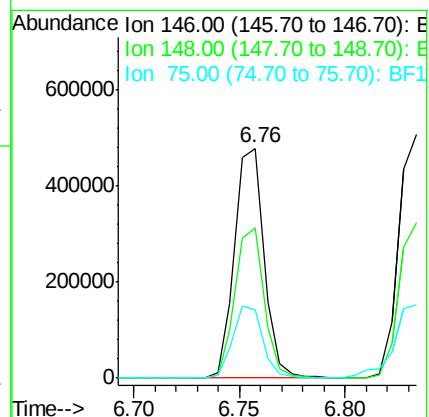
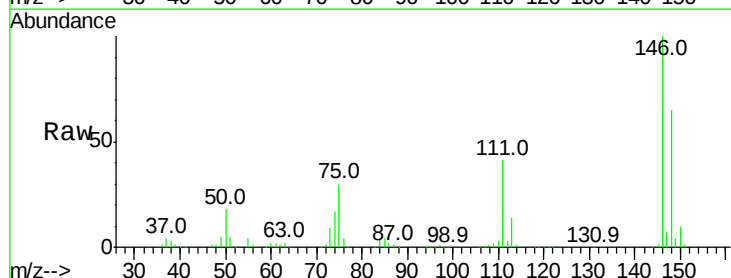
Tgt Ion: 146 Resp: 463414

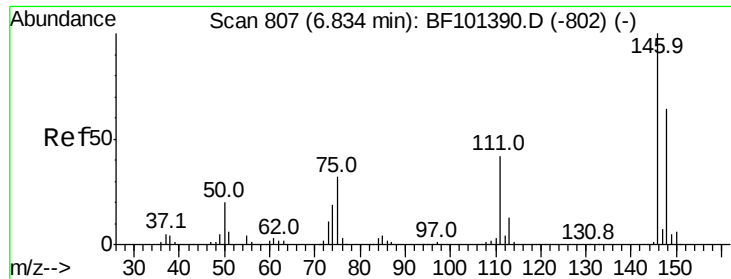
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 29.5 24.2 36.4

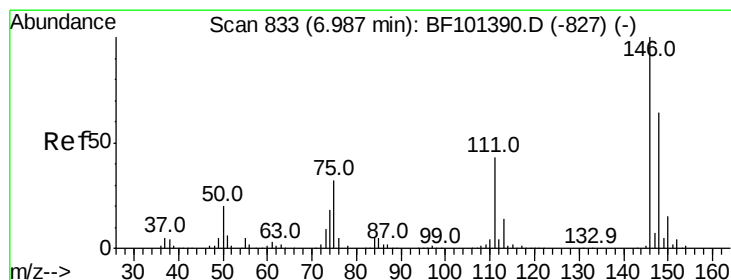
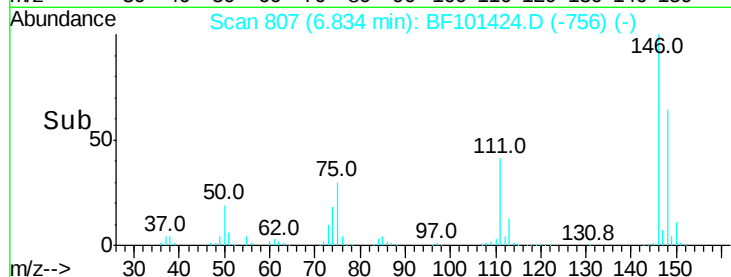
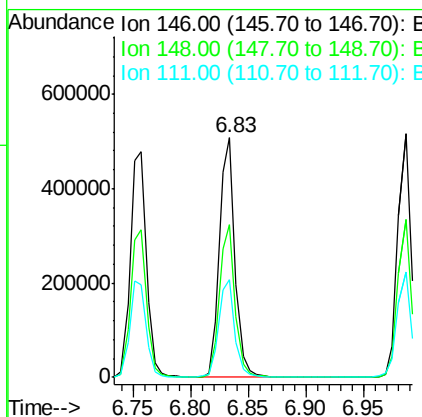
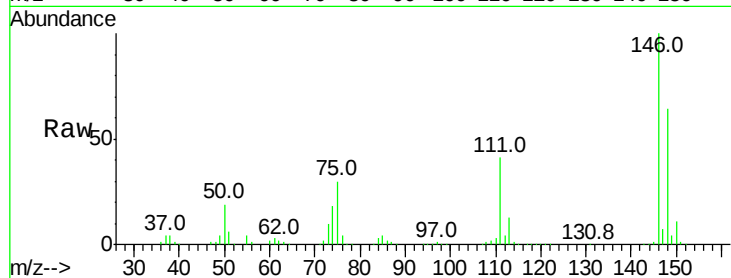




#13
 1,4-Dichlorobenzene
 Concen: 38.006 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

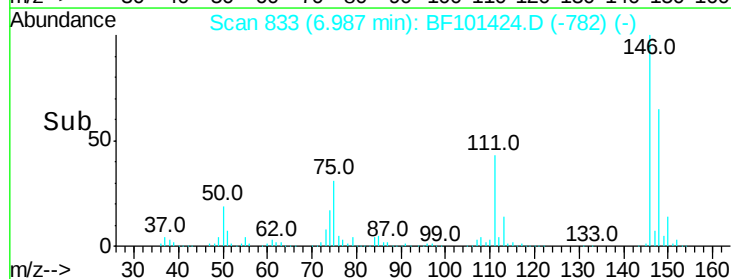
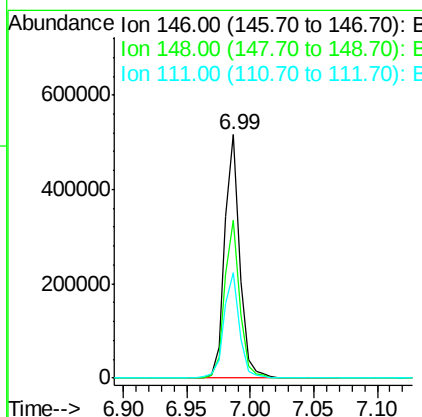
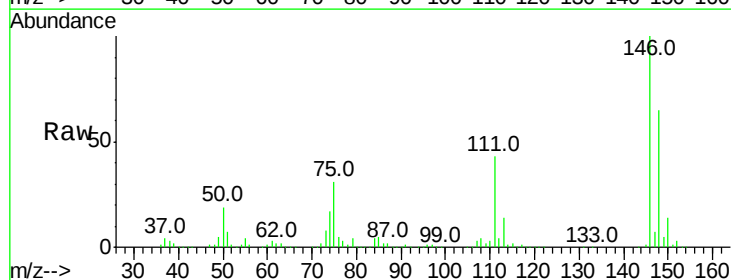
Instrument :
 BNA_F
 ClientSampleId :

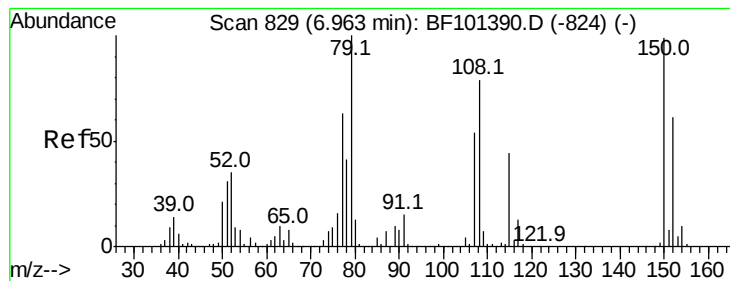
Tot Ion:146 Resp: 475256
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 40.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.889 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:146 Resp: 426473
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.562 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

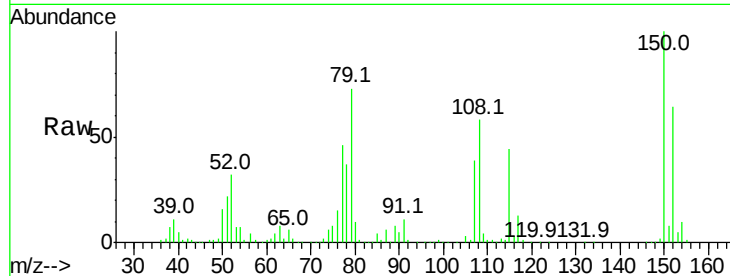
Tot Ion: 79 Resp: 323039

Ion Ratio Lower Upper

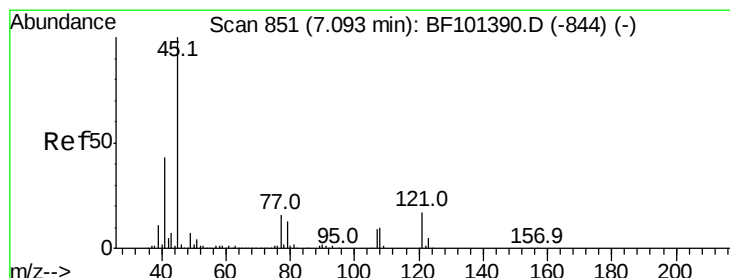
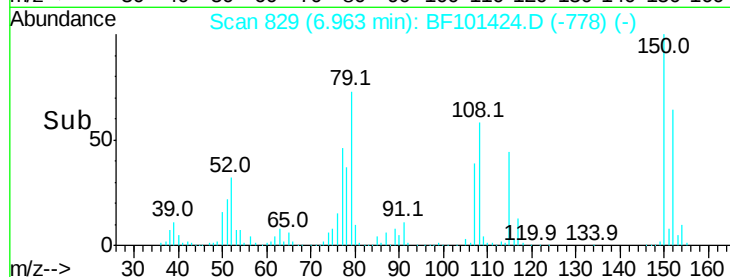
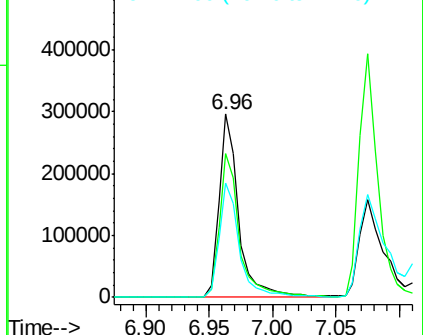
79 100

108 78.4 65.1 97.7

77 62.3 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: 38.520 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

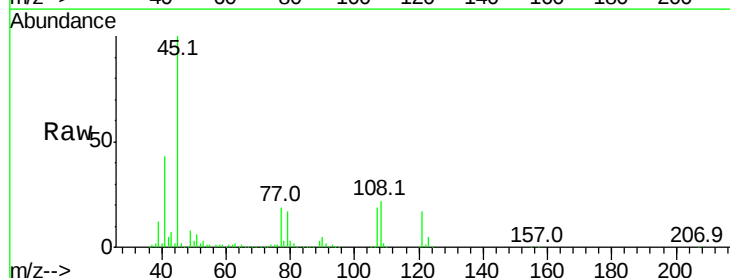
Tgt Ion: 45 Resp: 676559

Ion Ratio Lower Upper

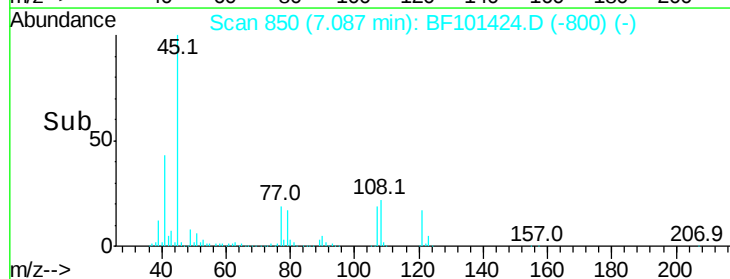
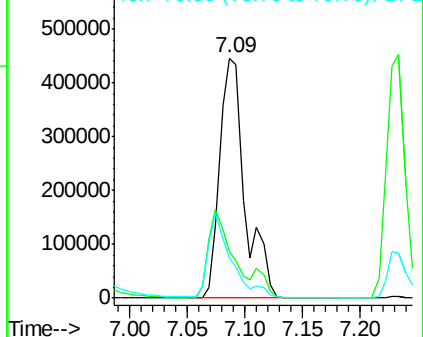
45 100

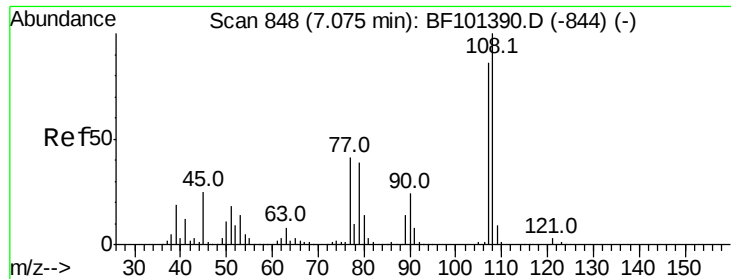
77 19.5 0.0 32.9

79 16.6 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

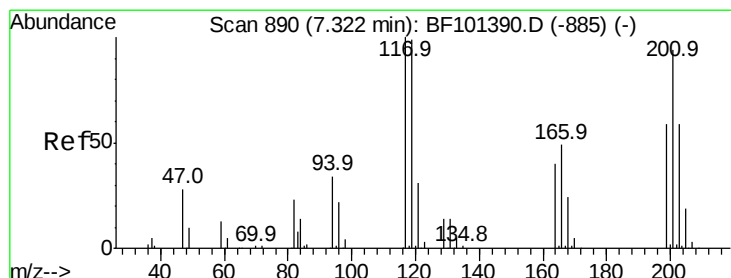
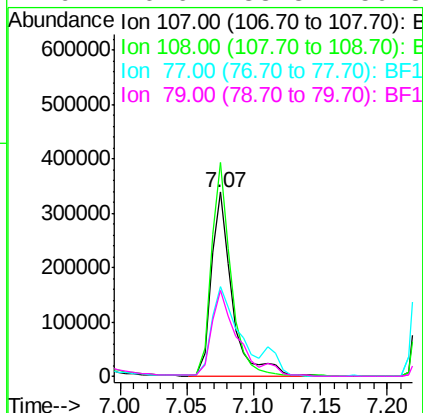
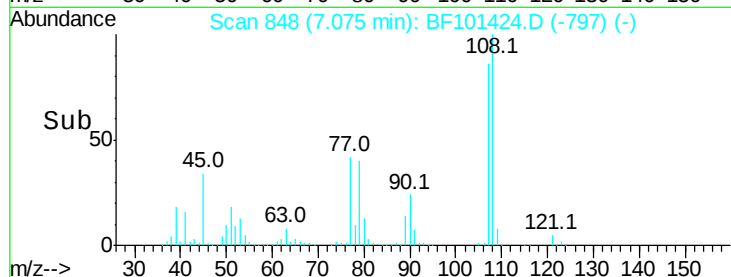
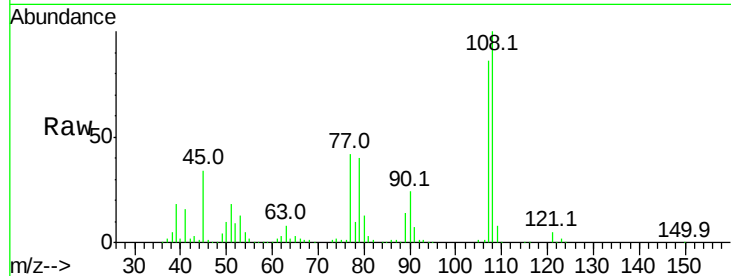




#17
2-Methylphenol
Concen: 36.809 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

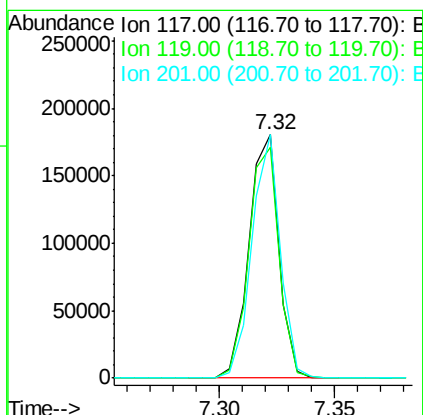
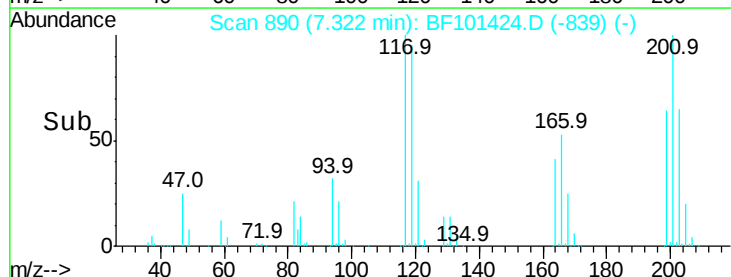
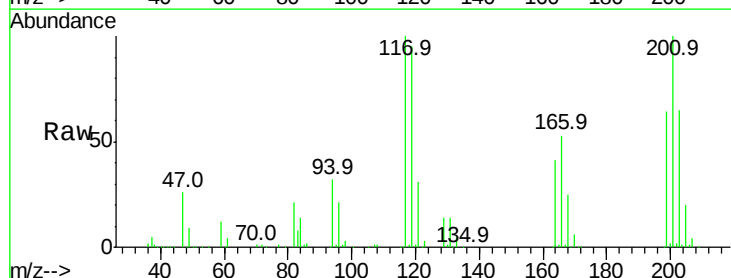
Instrument :
BNA_F
ClientSampleId :

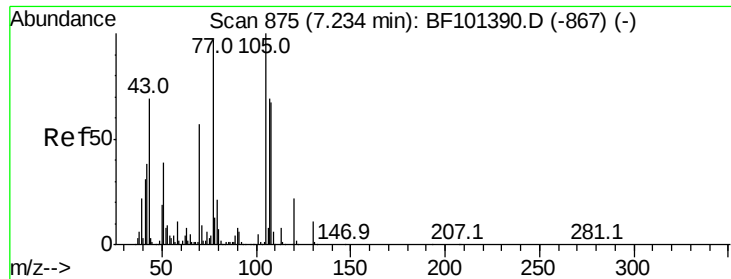
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.7	137.5
77	49.0	33.8	50.8
79	46.6	33.8	50.8



#18
Hexachloroethane
Concen: 37.411 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	100.1	75.7	113.5

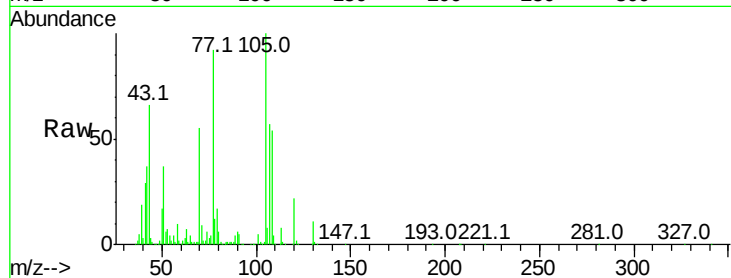




#19
n-Nitroso-di-n-propylamine
Concen: 35.421 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	298596
Ion	Ratio	Lower	Upper
70	100		
42	67.1	47.5	71.3
101	9.8	7.4	11.2
130	20.7	16.6	25.0



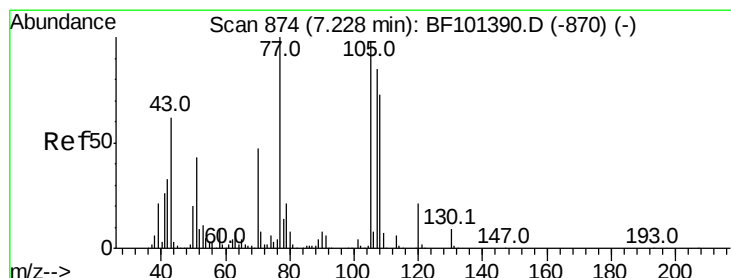
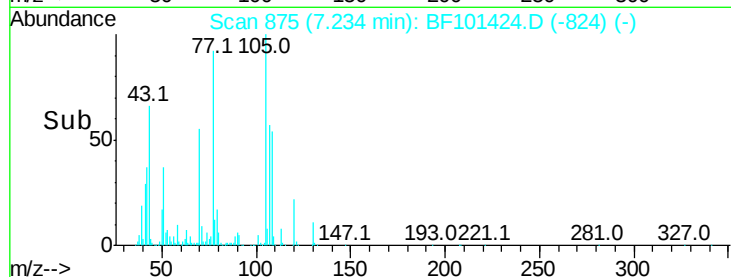
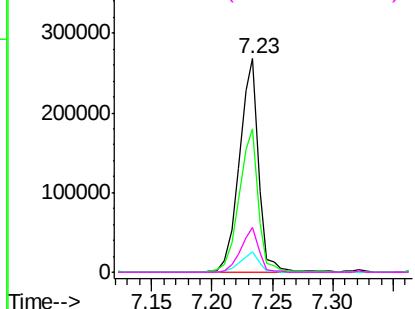
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

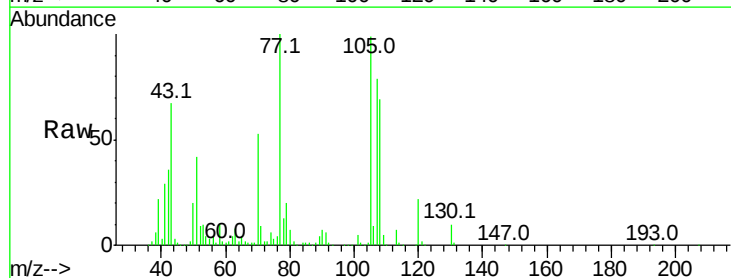
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.593 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion:	107	Resp:	408163
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	127.2	26.7	66.7#
79	25.5	6.3	46.3



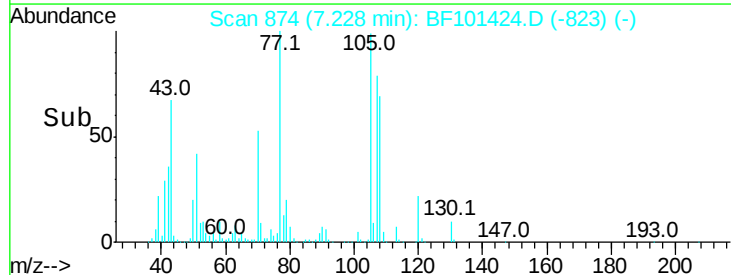
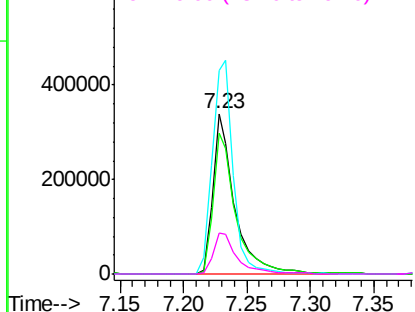
Abundance

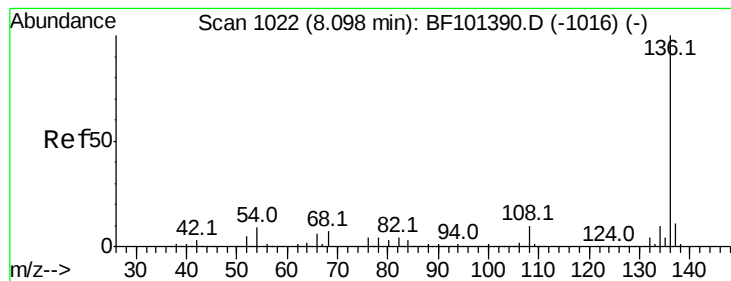
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 624262

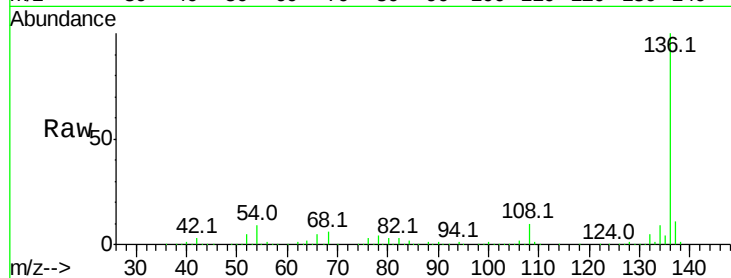
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.2 6.6 9.8

68 6.4 5.0 7.4

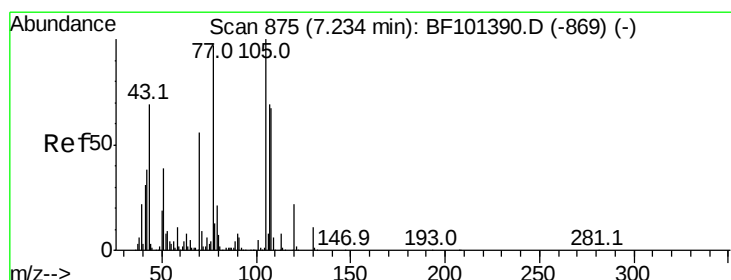
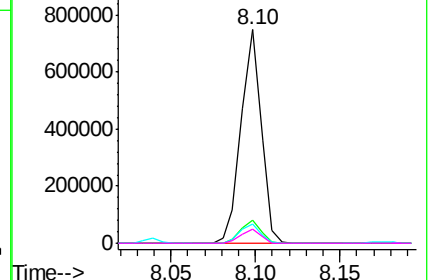
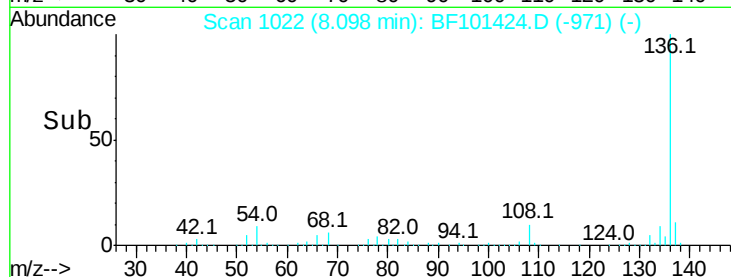


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.123 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Tgt Ion:105 Resp: 528788

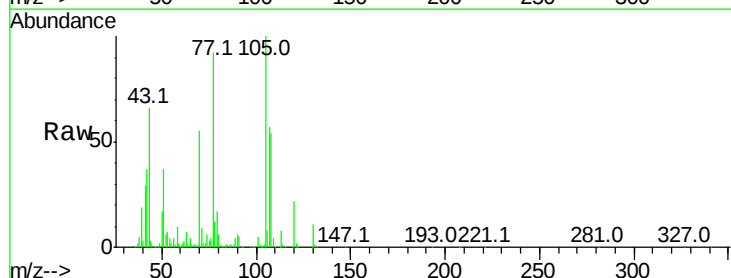
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 36.9 22.3 33.5#

120 22.0 16.9 25.3

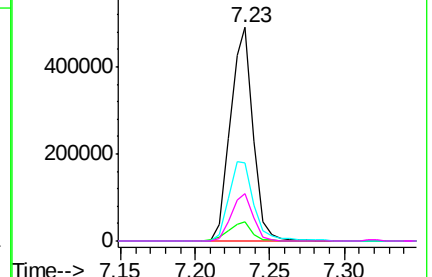
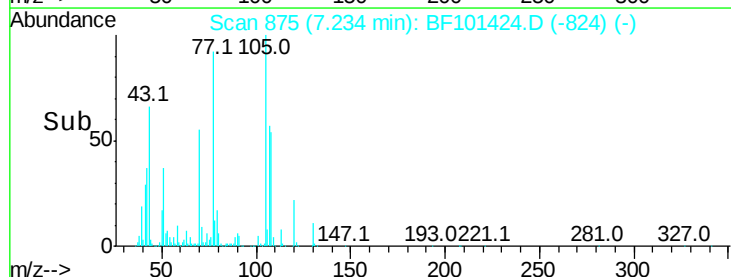


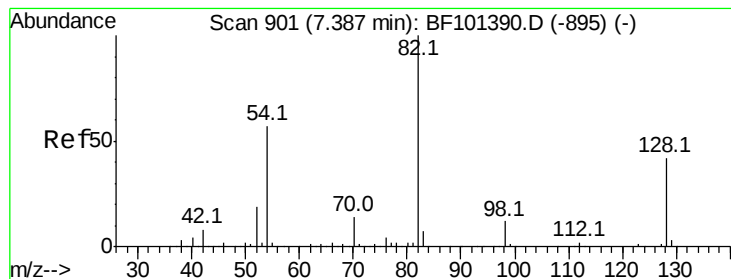
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.218 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

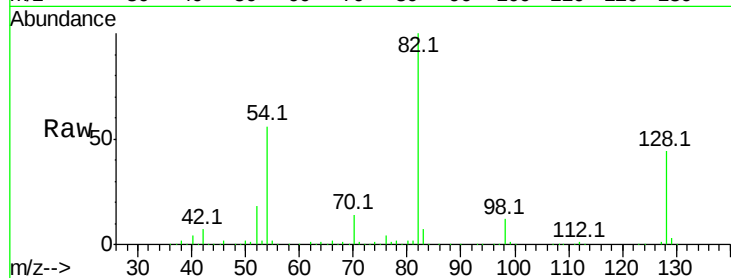
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 865957

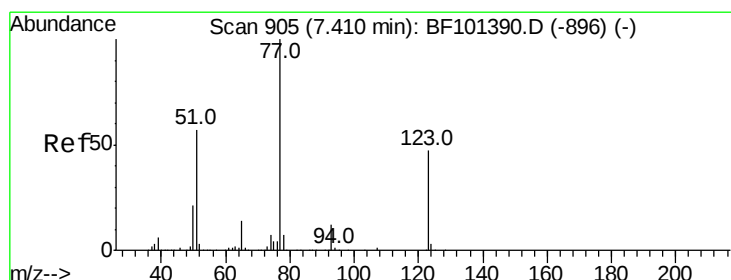
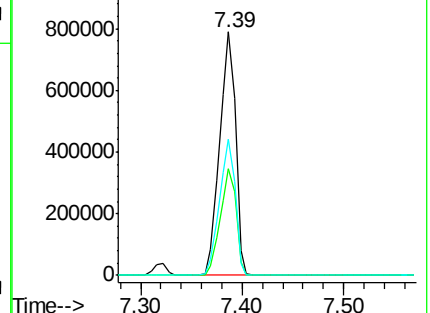
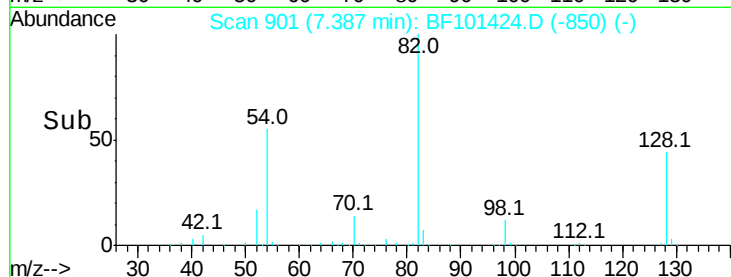
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	55.7	41.4	62.2



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: 37.306 ng

RT: 7.40 min Scan# 904

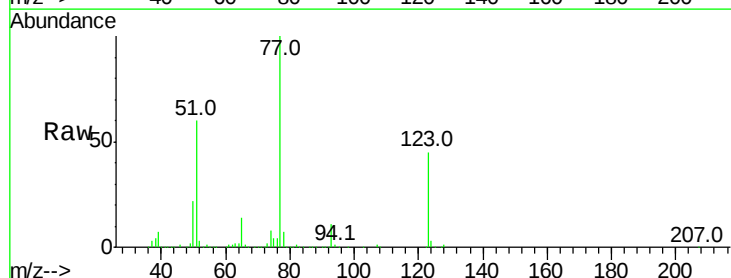
Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Tgt Ion: 77 Resp: 463032

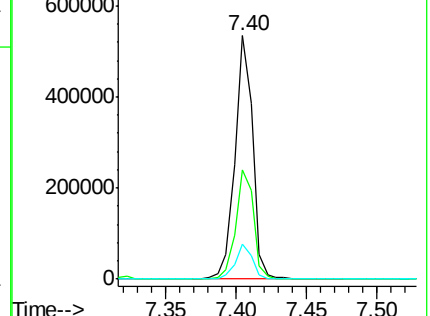
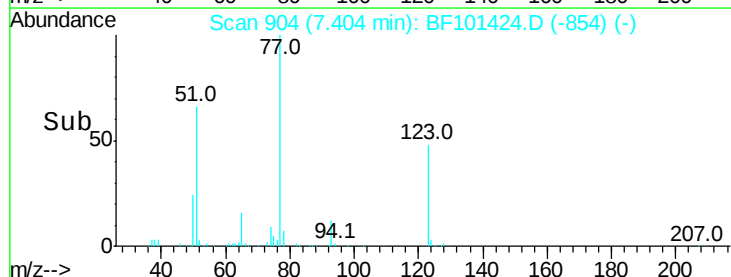
Ion	Ratio	Lower	Upper
77	100		
123	44.9	37.9	56.9
65	14.4	11.0	16.4

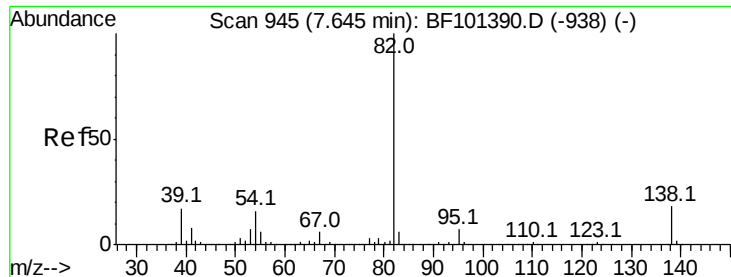


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.609 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

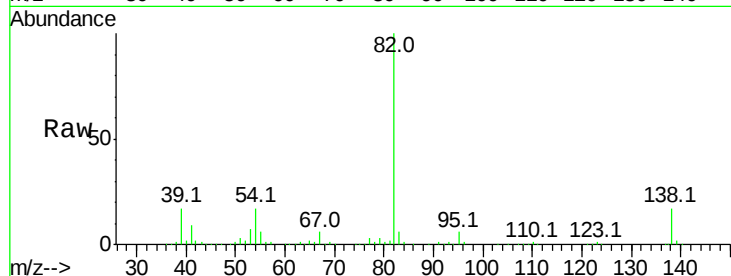
Tot Ion: 82 Resp: 823593

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

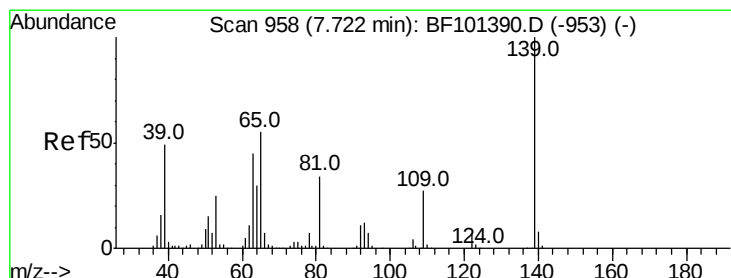
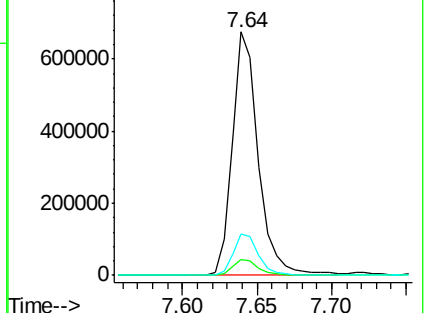
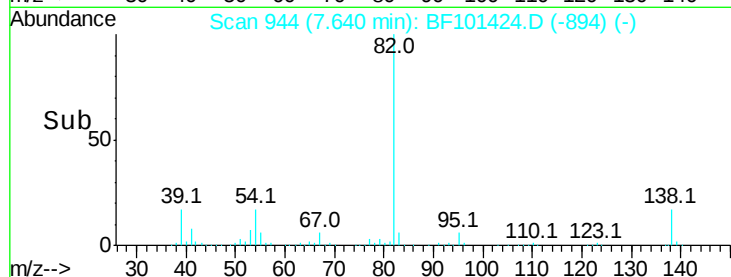
138 17.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.991 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

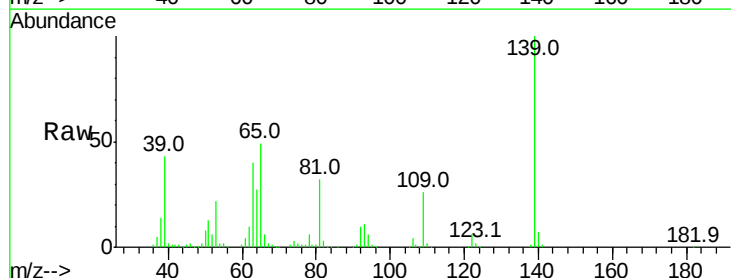
Tgt Ion: 139 Resp: 223906

Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

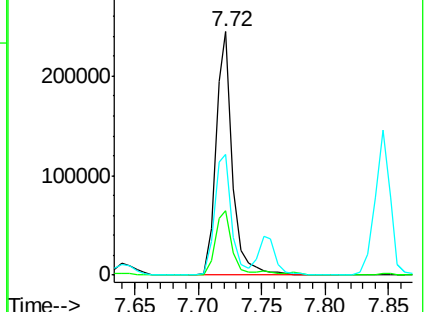
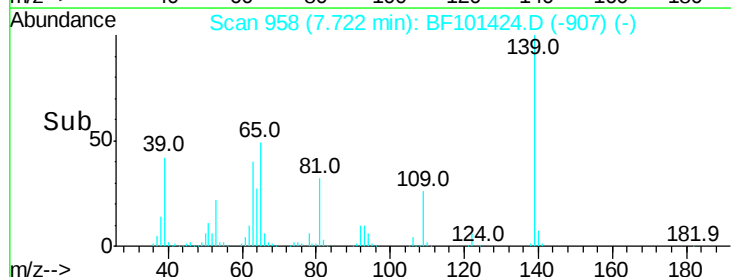
65 49.4 40.5 60.7

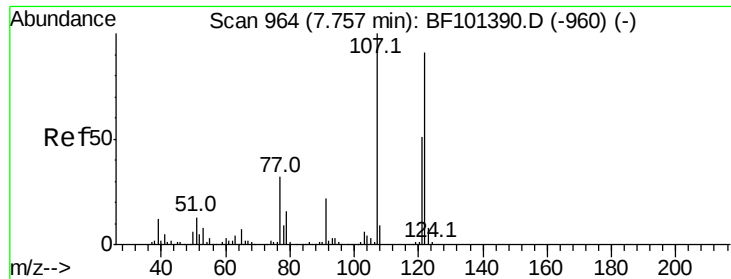


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

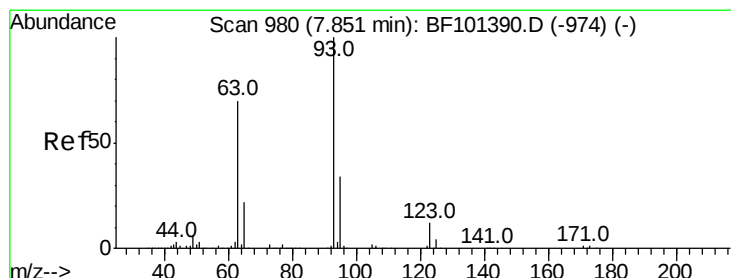
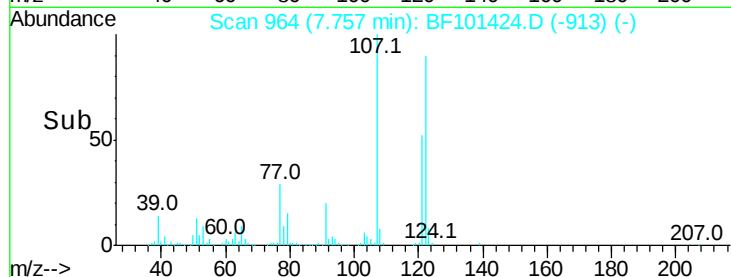
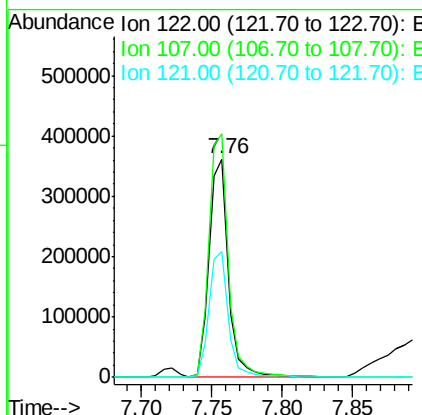
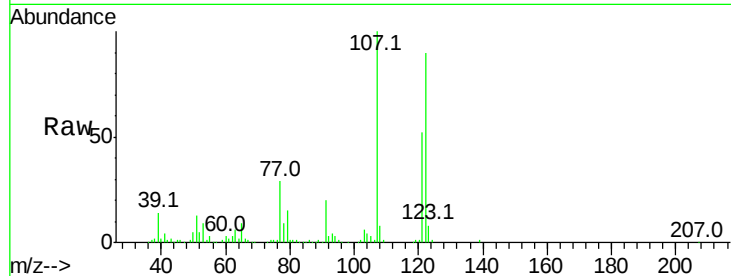




#27
 2,4-Dimethylphenol
 Concen: 37.647 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

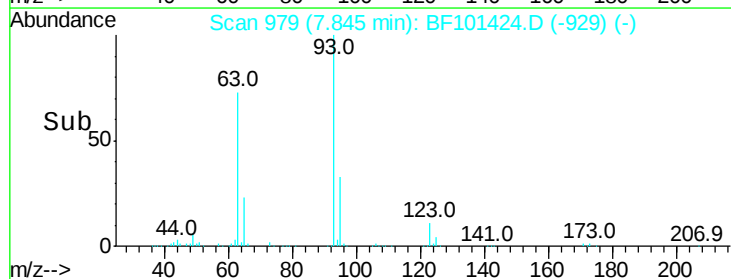
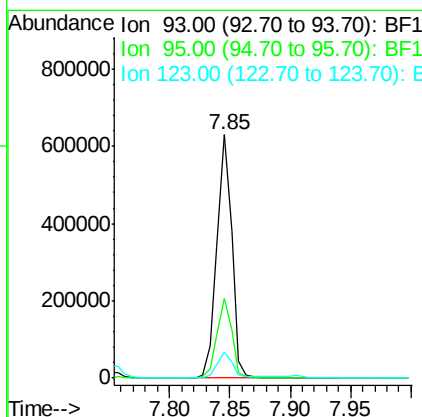
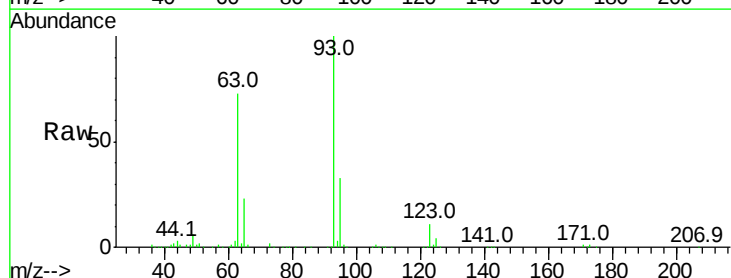
Instrument :
 BNA_F
 ClientSampled :

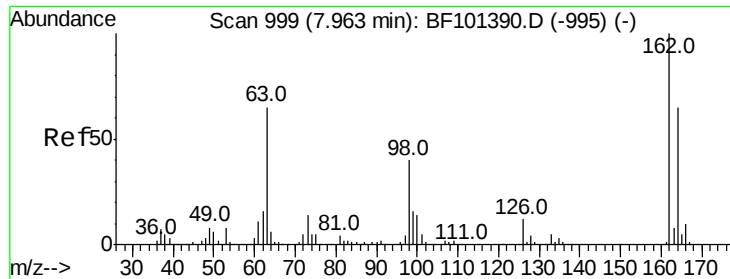
Tot Ion:122 Resp: 341039
 Ion Ratio Lower Upper
 122 100
 107 111.7 91.2 136.8
 121 57.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.302 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion: 93 Resp: 533062
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 10.6 9.8 14.6

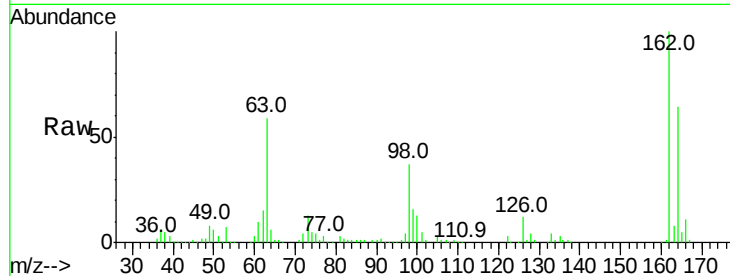




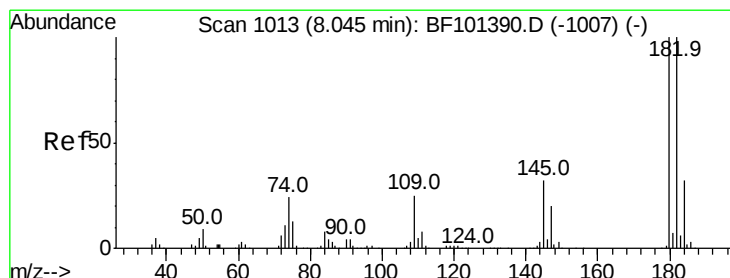
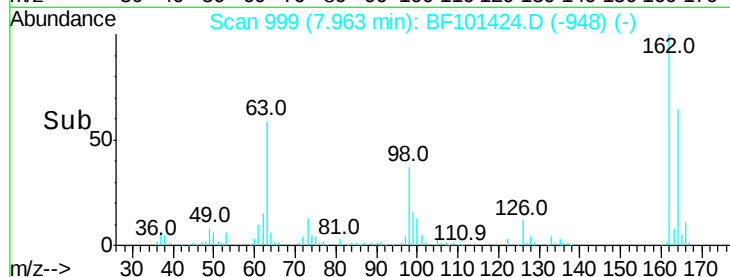
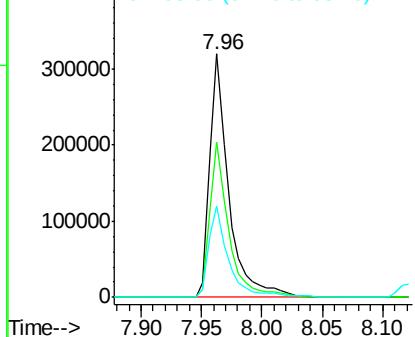
#29
2,4-Dichlorophenol
Concen: 38.915 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	37.4	18.1	58.1

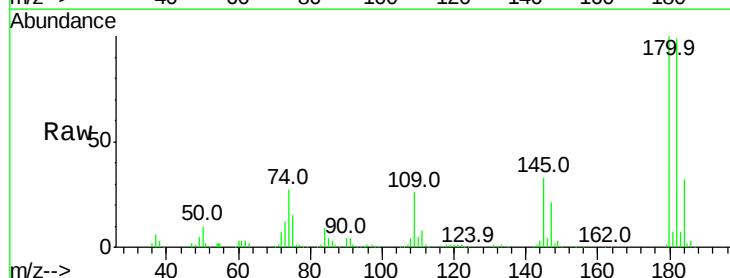


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

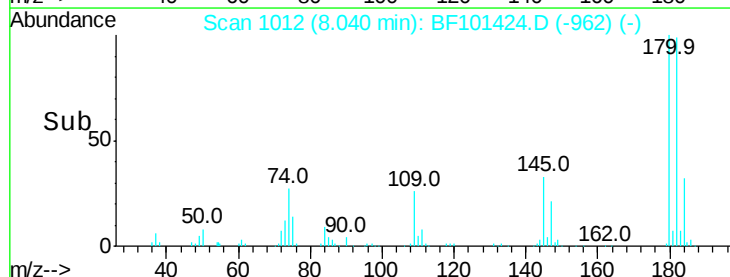
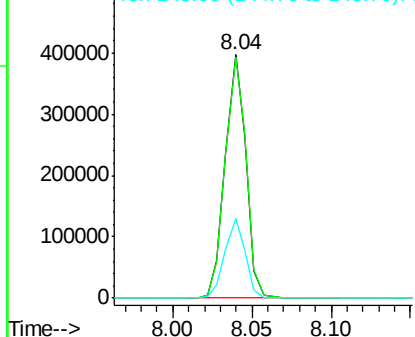


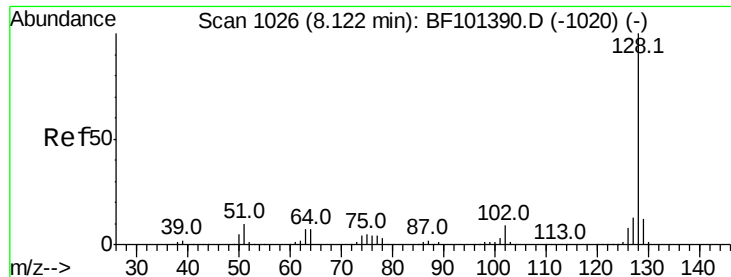
#30
1,2,4-Trichlorobenzene
Concen: 38.154 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	32.9	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

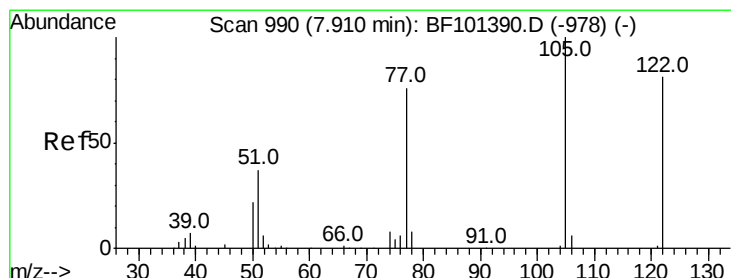
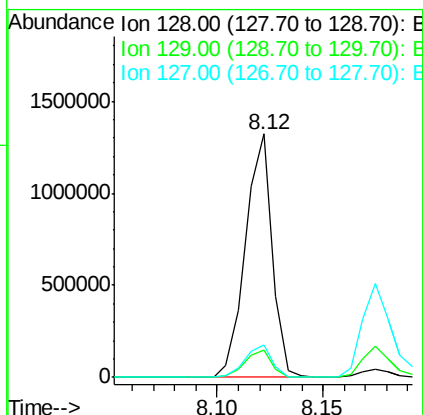
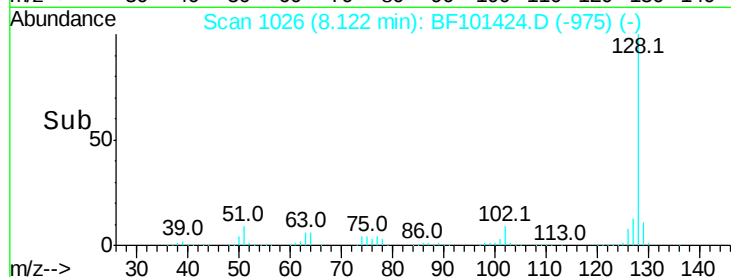
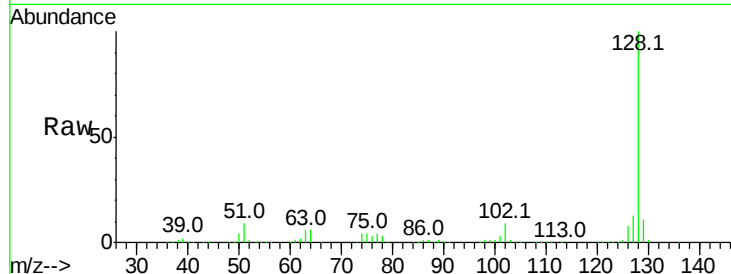




#31
Naphthalene
Concen: 36.980 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

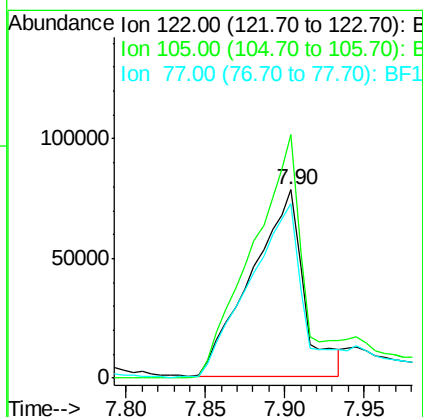
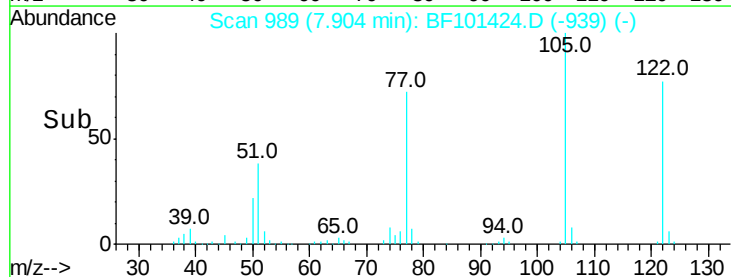
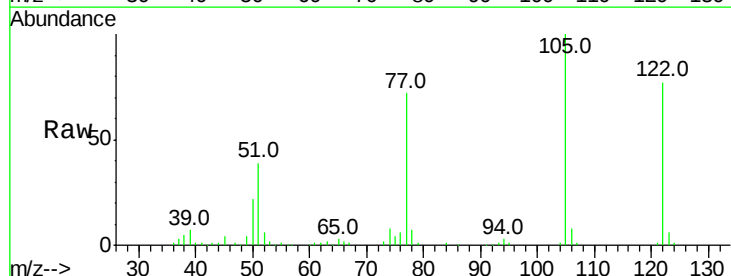
Instrument :
BNA_F
ClientSampleId :

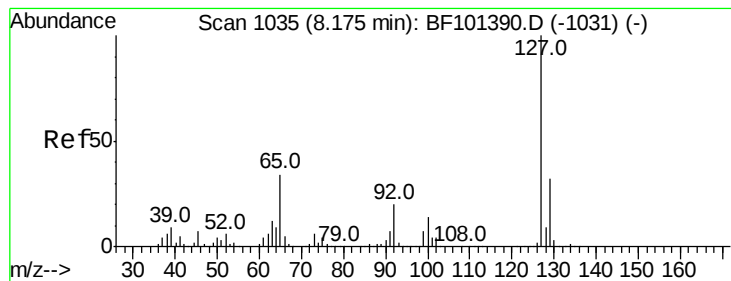
Tot Ion:128 Resp: 1162186
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 32.392 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion:122 Resp: 178769
Ion Ratio Lower Upper
122 100
105 129.2 101.1 141.1
77 92.6 70.7 110.7





#33

4-Chloroaniline

Concen: 36.652 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF101424.D

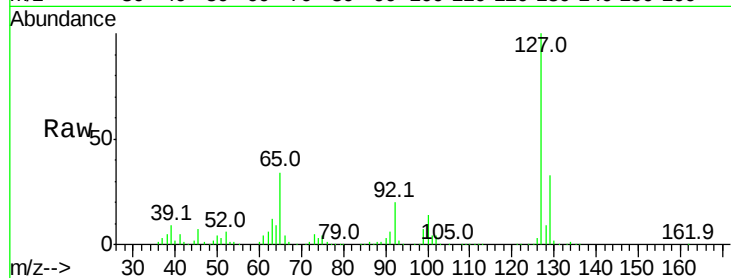
Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	500643
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	34.0	25.0	37.4
92	19.8	15.2	22.8

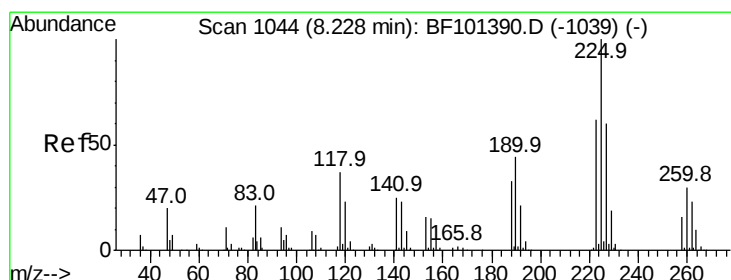
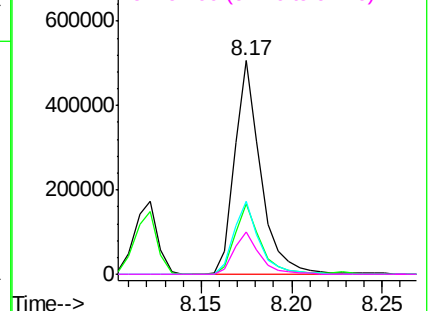
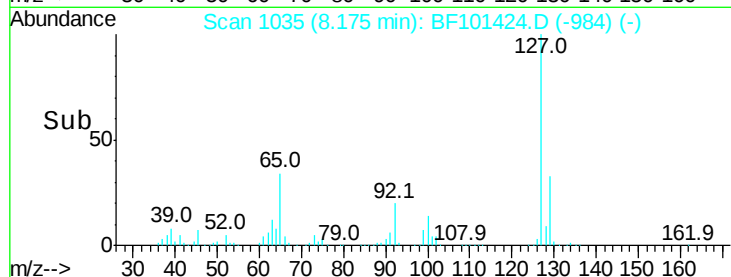


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.919 ng

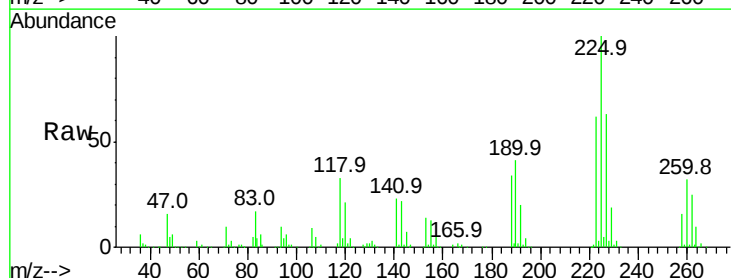
RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

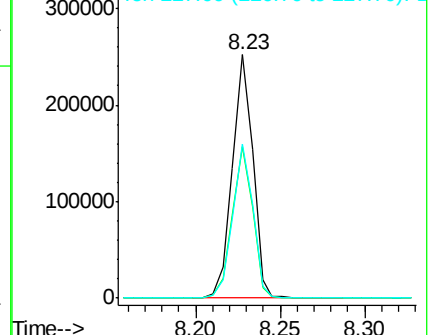
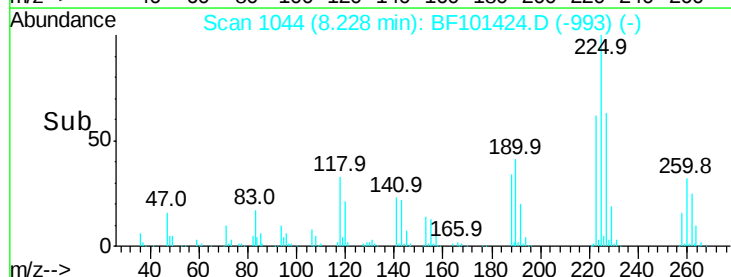
Tgt Ion:	225	Resp:	212594
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.2	51.9	77.9

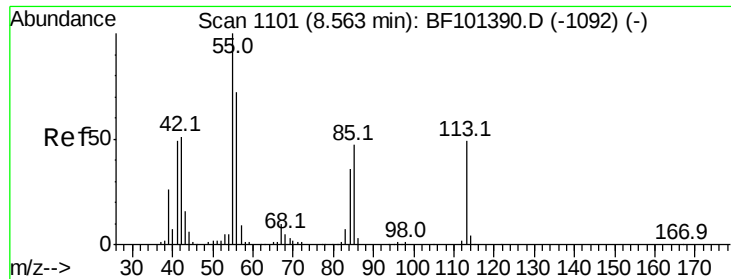


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.095 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

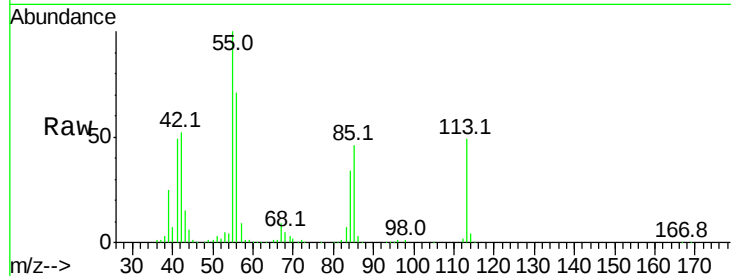
Tot Ion:113 Resp: 115276

Ion Ratio Lower Upper

113 100

55 205.4 163.3 203.3#

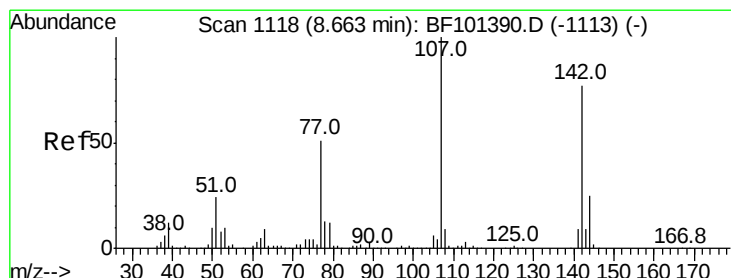
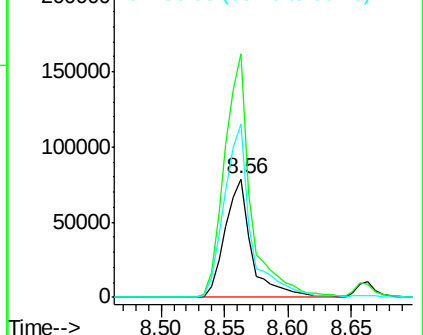
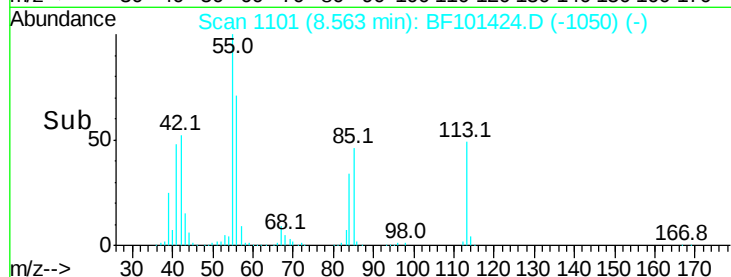
56 145.8 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.794 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

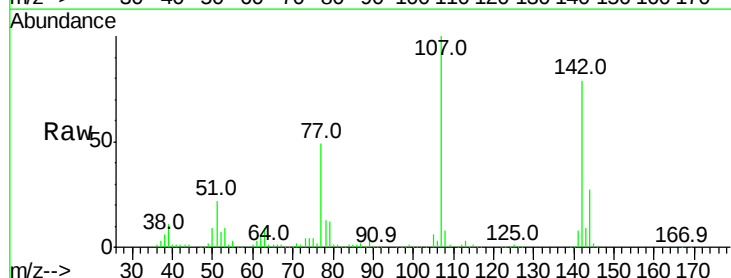
Tgt Ion:107 Resp: 371768

Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

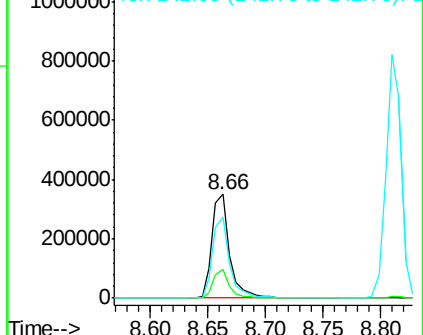
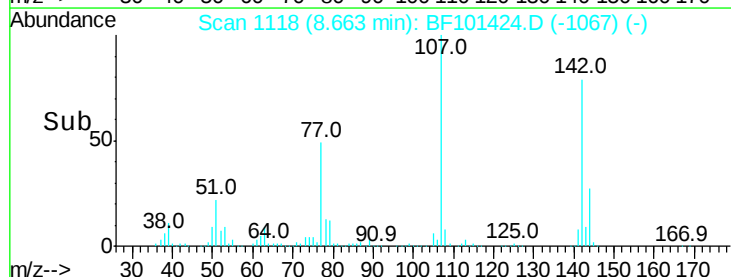
142 78.8 62.0 93.0

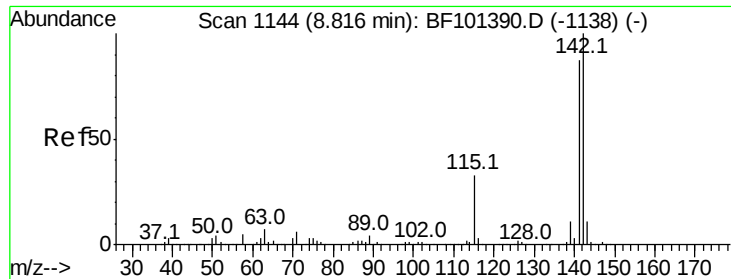


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

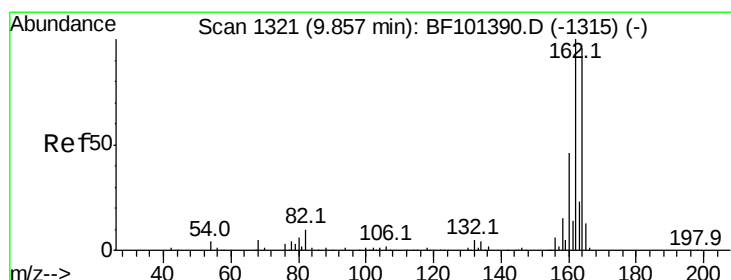
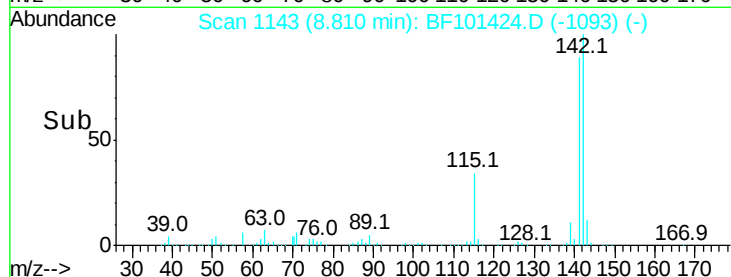
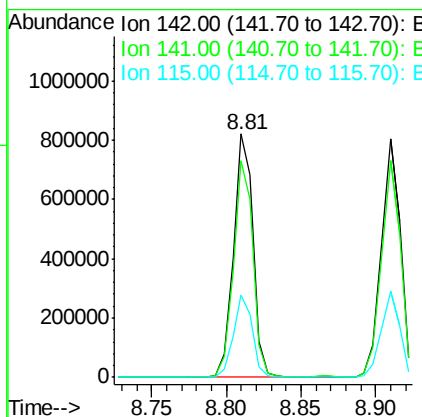
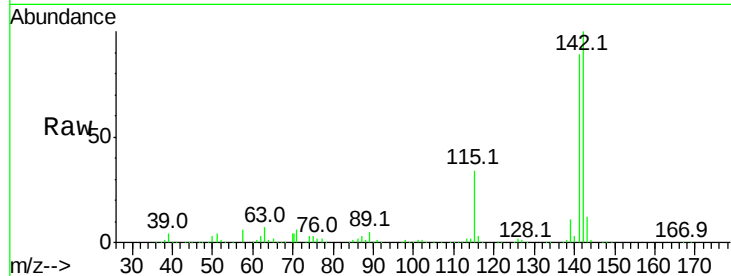




#37
 2-Methylnaphthalene
 Concen: 37.021 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

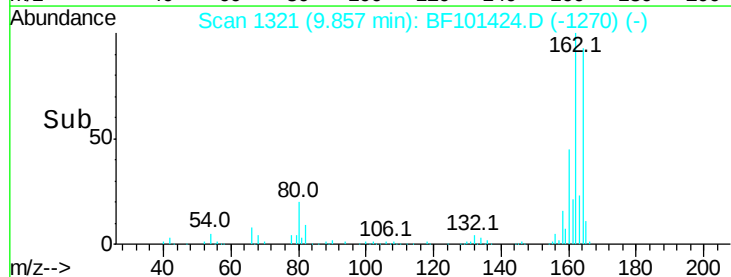
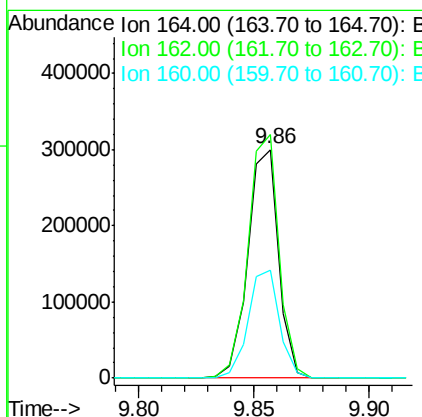
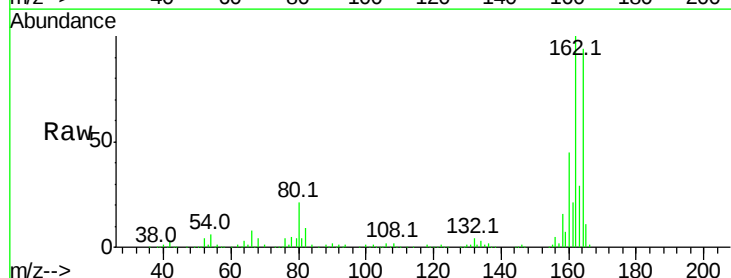
Instrument :
 BNA_F
 ClientSampled :

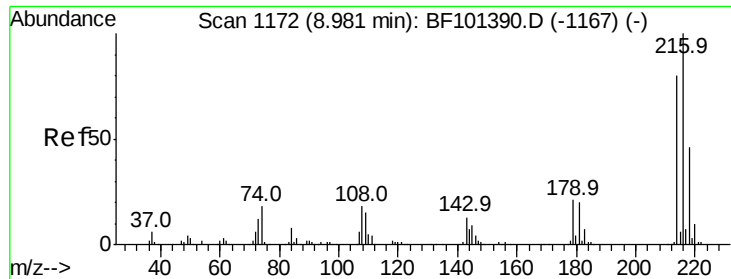
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	33.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	47.5	38.3	57.5

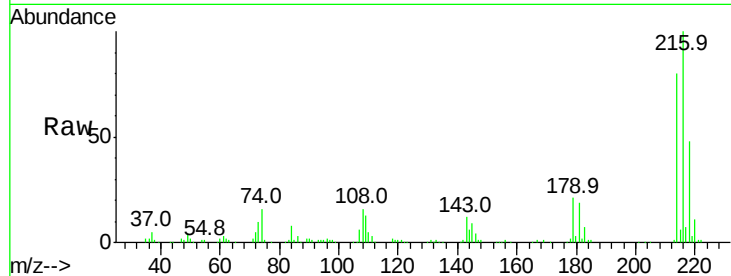




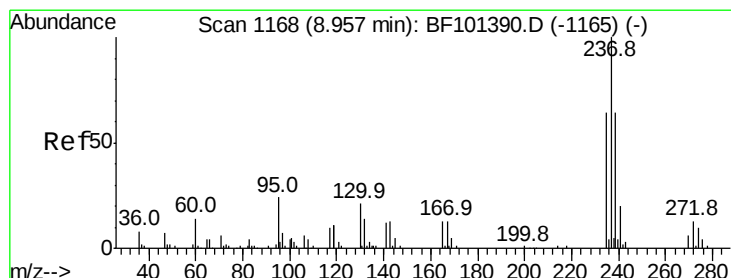
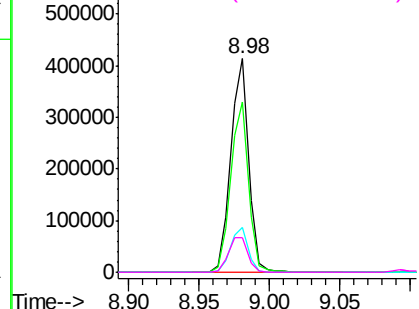
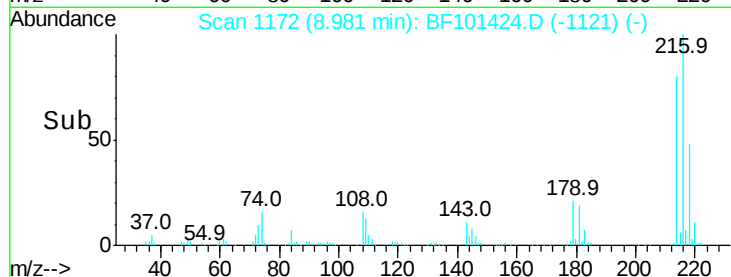
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.439 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	362864
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.0	94.4
179	20.8	18.1	27.1
108	18.3	17.2	25.8

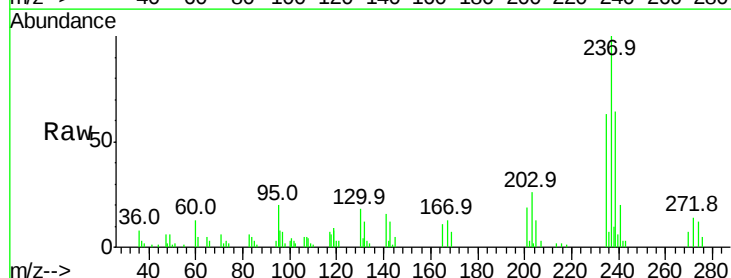


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

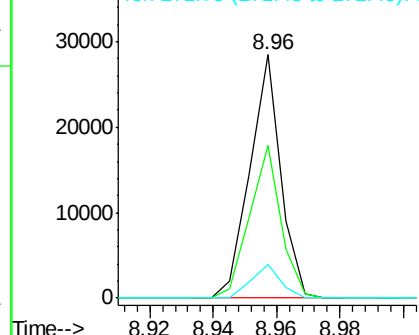
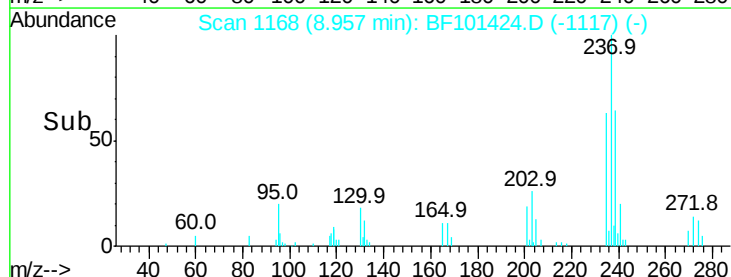


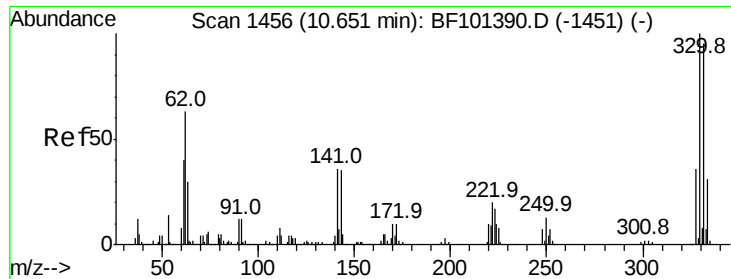
#40
 Hexachlorocyclopentadiene
 Concen: 23.817 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:	237	Resp:	19104
Ion Ratio	Lower	Upper	
237	100		
235	62.8	44.8	84.8
272	13.8	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 77.318 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

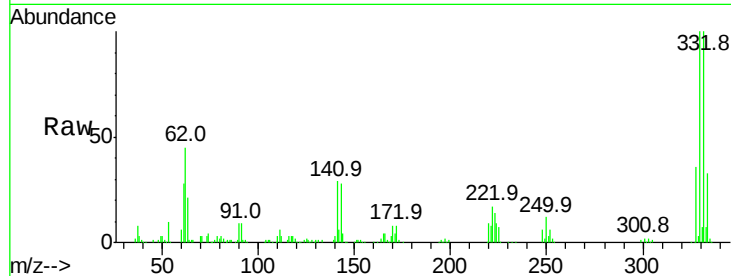
Tot Ion:330 Resp: 208306

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

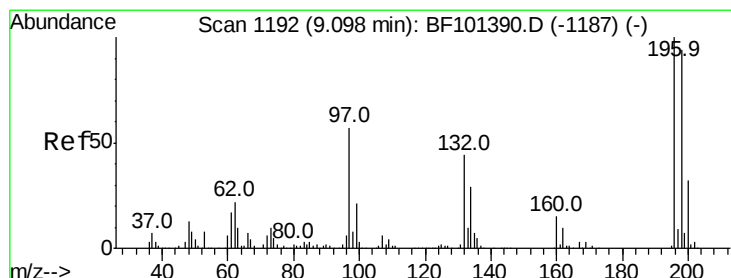
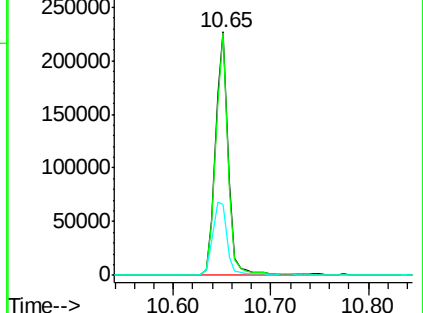
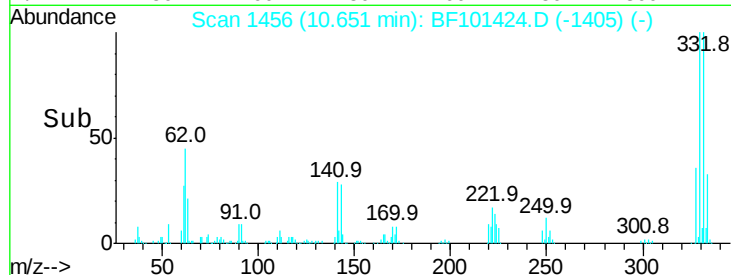
141 33.8 29.9 44.9



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: 40.265 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

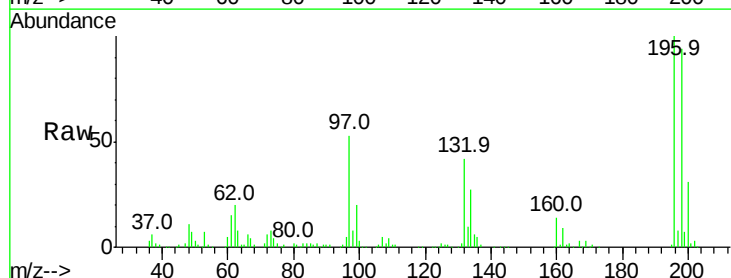
Tgt Ion:196 Resp: 228830

Ion Ratio Lower Upper

196 100

198 94.3 75.7 113.5

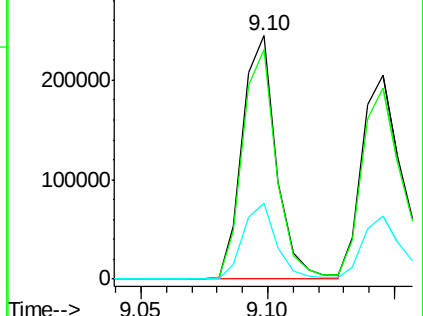
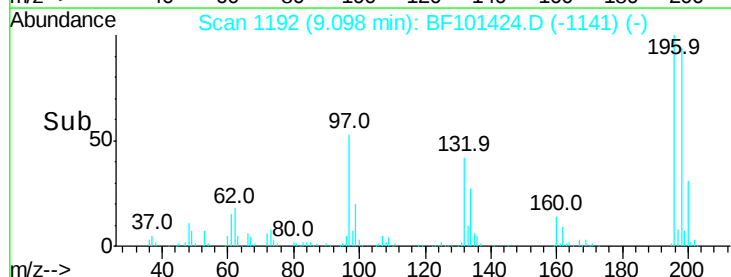
200 31.3 24.5 36.7

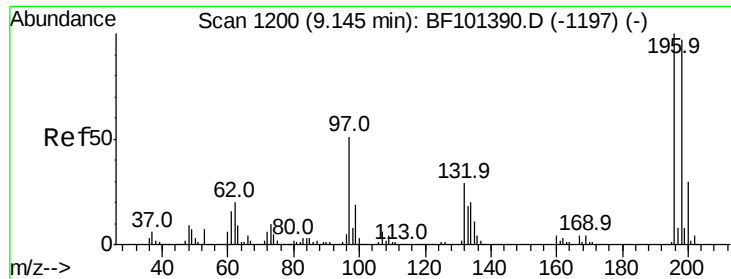


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

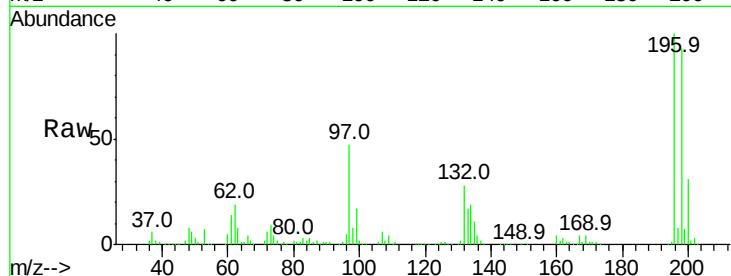




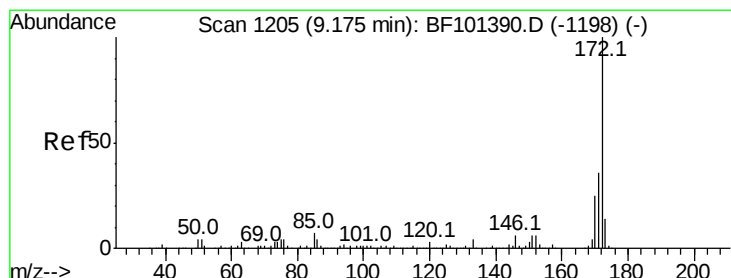
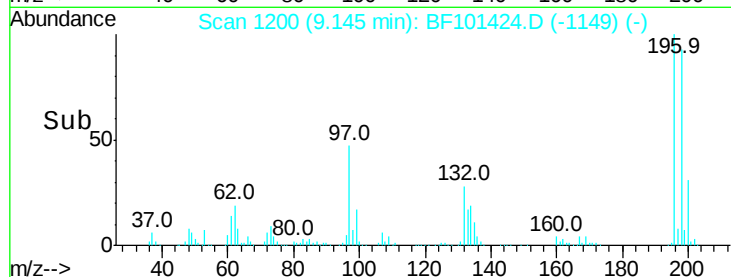
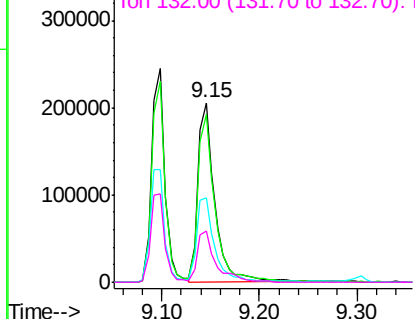
#43
 2,4,5-Trichlorophenol
 Concen: 39.710 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	247103
Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	46.8	42.9	64.3
132	28.4	26.3	39.5

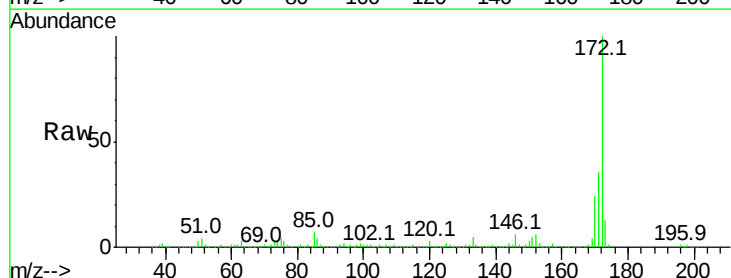


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

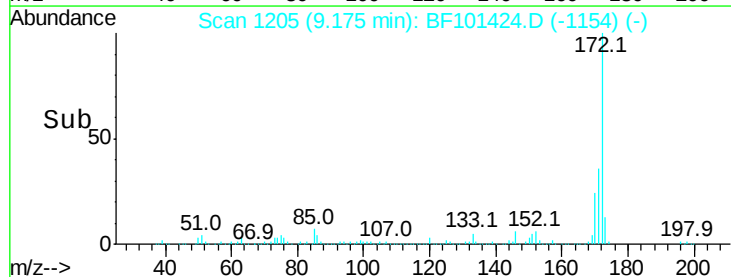
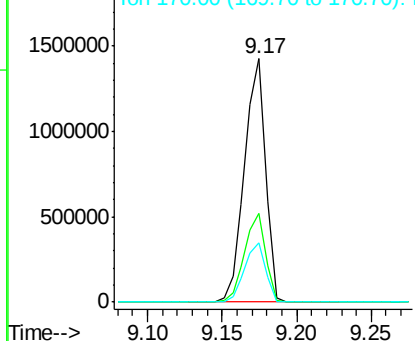


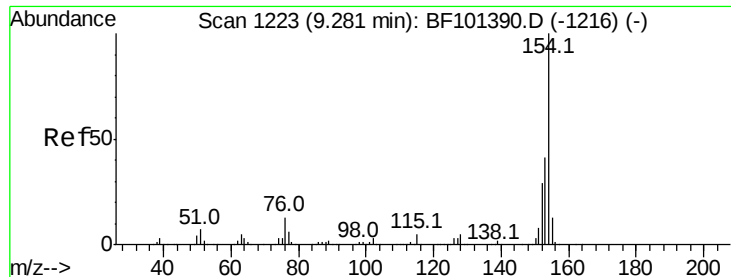
#44
 2-Fluorobiphenyl
 Concen: 77.345 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:	172	Resp:	1394085
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 37.280 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampled :

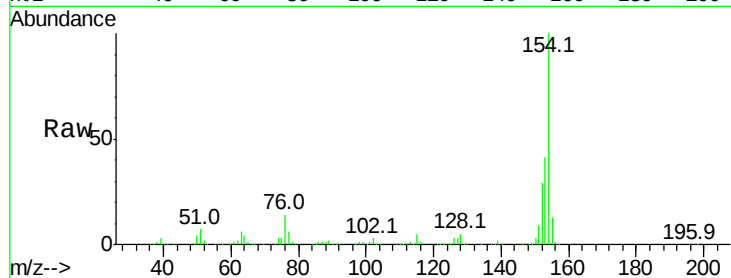
Tot Ion:154 Resp: 924398

Ion Ratio Lower Upper

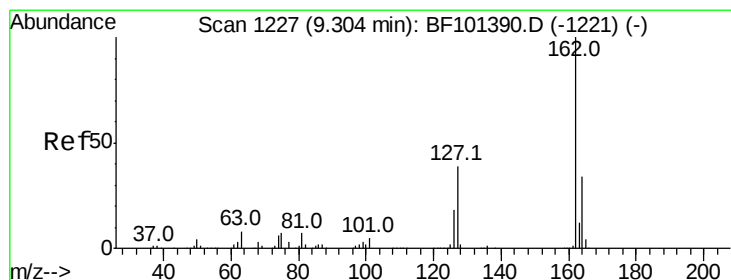
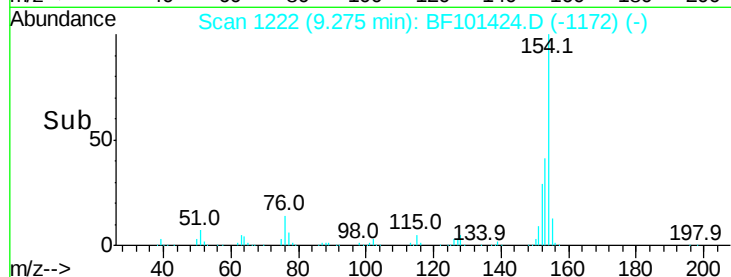
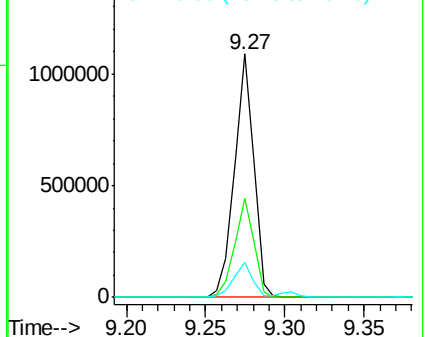
154 100

153 40.7 21.3 61.3

76 14.1 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: 37.434 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

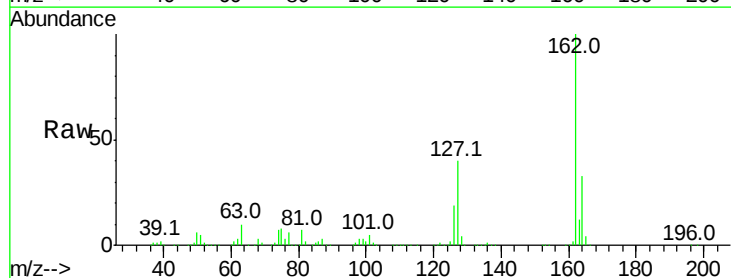
Tgt Ion:162 Resp: 710237

Ion Ratio Lower Upper

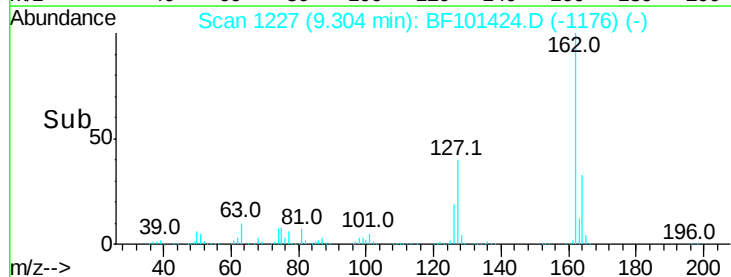
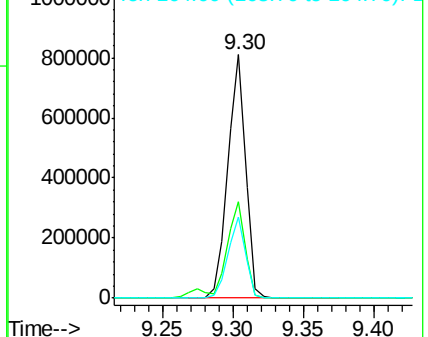
162 100

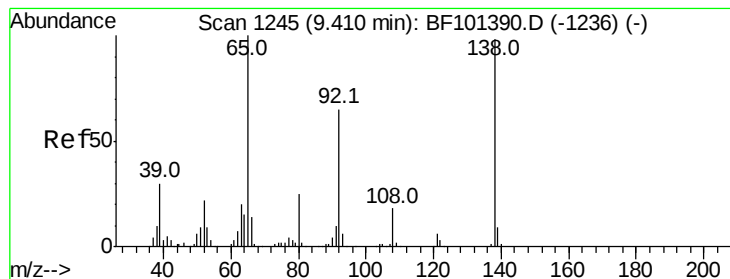
127 39.8 33.9 50.9

164 33.4 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: 39.517 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

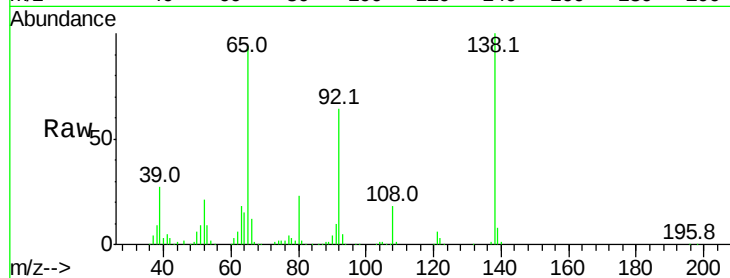
Tot Ion: 65 Resp: 259003

Ion Ratio Lower Upper

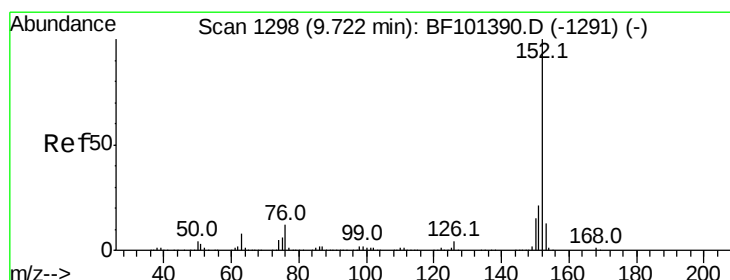
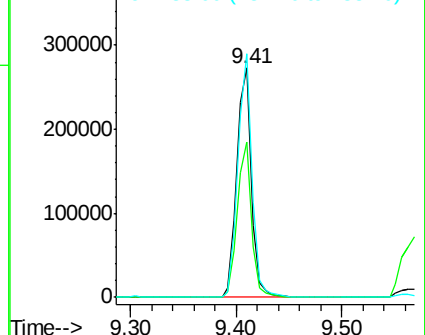
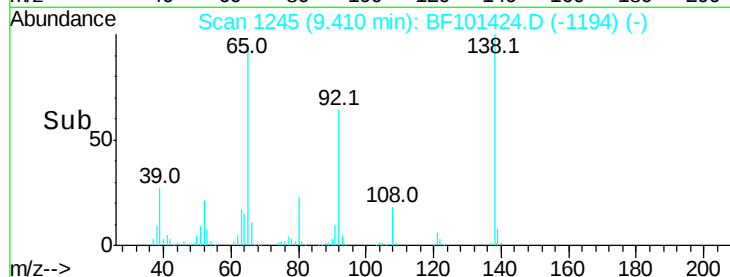
65 100

92 67.6 55.8 83.6

138 106.1 91.2 136.8



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



#48

Acenaphthylene

Concen: 36.693 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

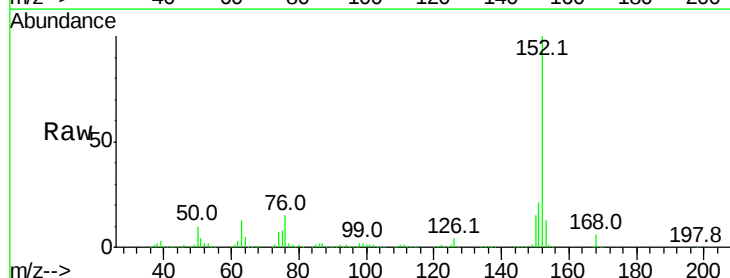
Tgt Ion: 152 Resp: 1099594

Ion Ratio Lower Upper

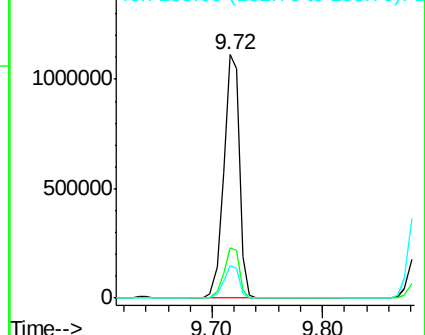
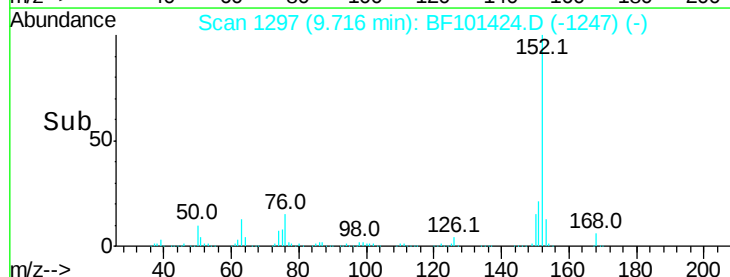
152 100

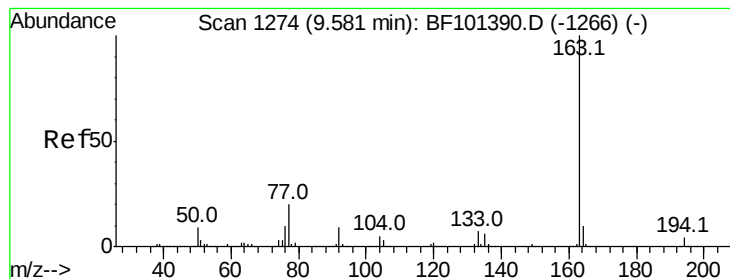
151 20.8 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 36.844 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

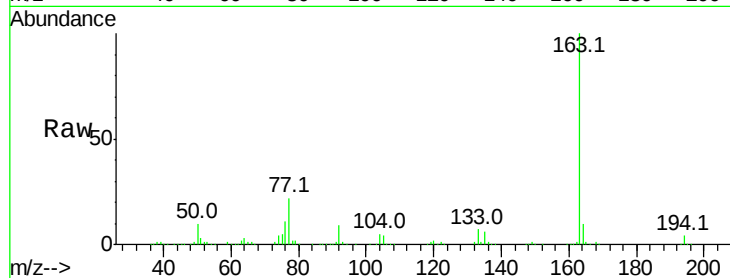
Tot Ion:163 Resp: 828615

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

164 10.2 8.2 12.2

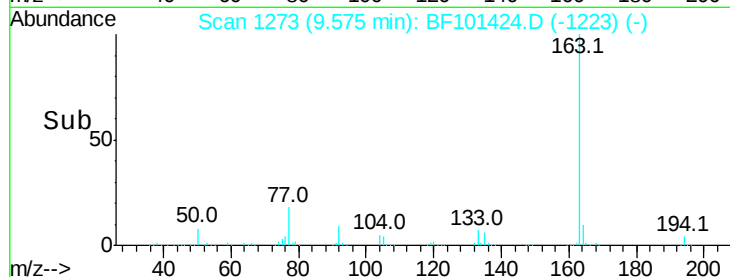


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

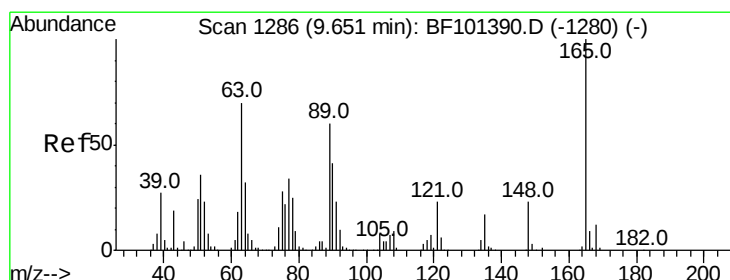
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#50

2,6-Dinitrotoluene

Concen: 38.812 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

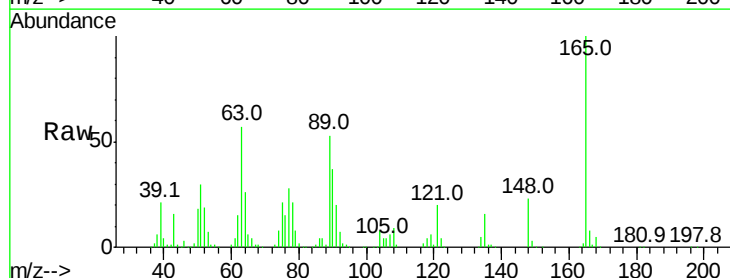
Tgt Ion:165 Resp: 177407

Ion Ratio Lower Upper

165 100

63 56.9 44.7 67.1

89 52.6 44.0 66.0

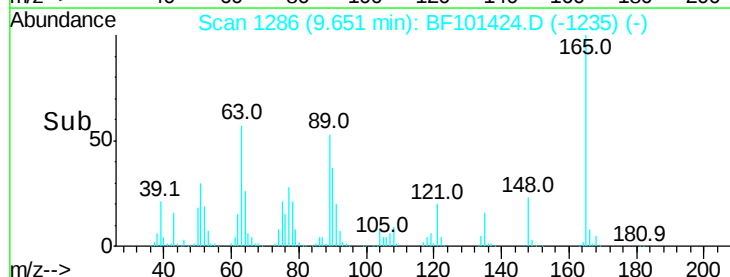


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

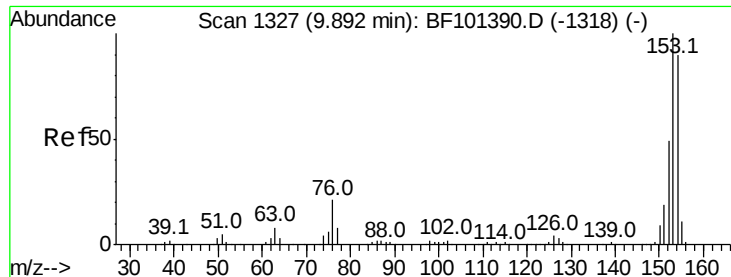
Ion 89.00 (88.70 to 89.70): BF1

Time-->



Abundance

Time-->



#51

Acenaphthene

Concen: 36.905 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

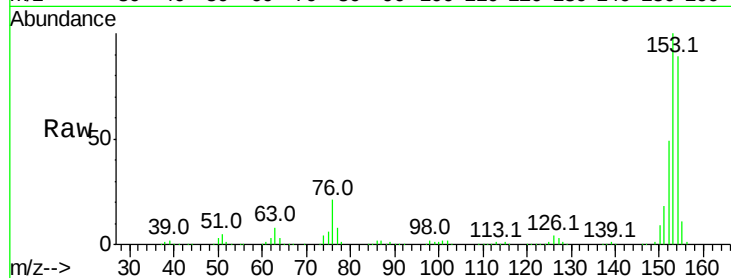
Tot Ion:154 Resp: 664441

Ion Ratio Lower Upper

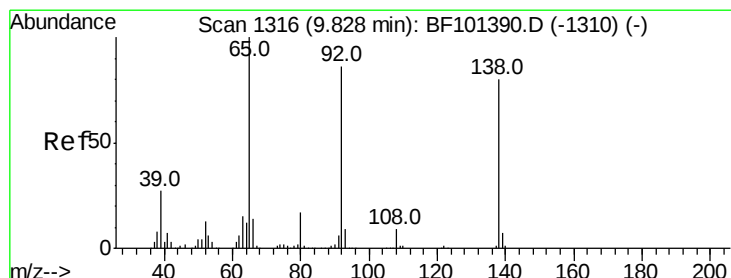
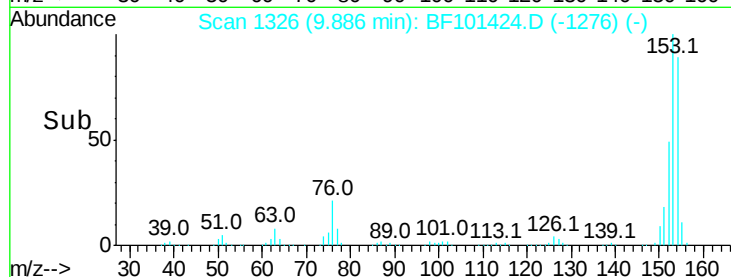
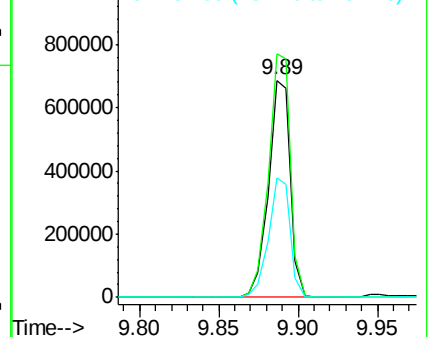
154 100

153 112.3 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: 38.431 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

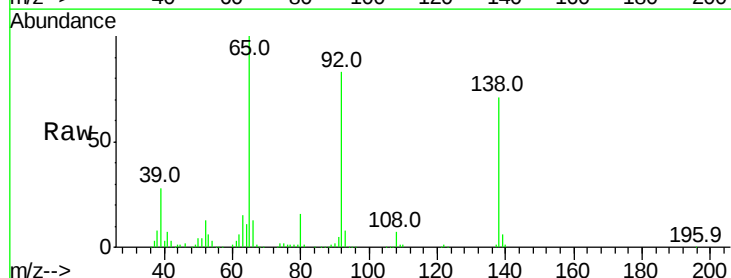
Tgt Ion:138 Resp: 219010

Ion Ratio Lower Upper

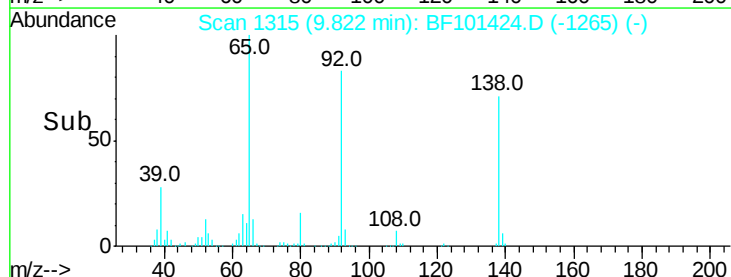
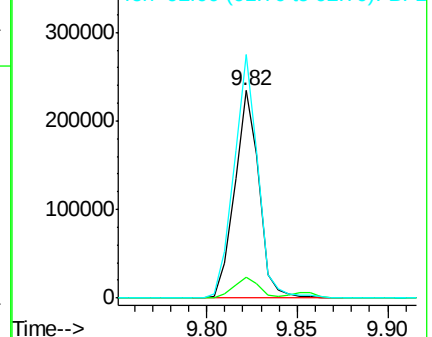
138 100

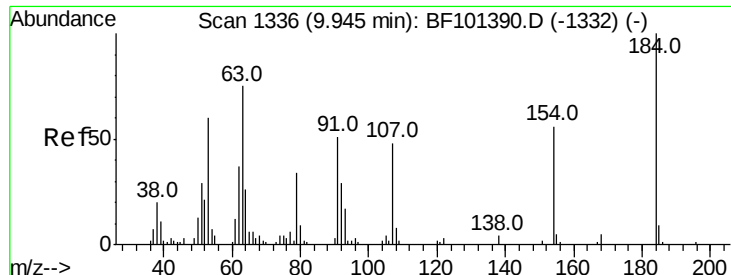
108 10.1 9.4 14.0

92 117.4 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

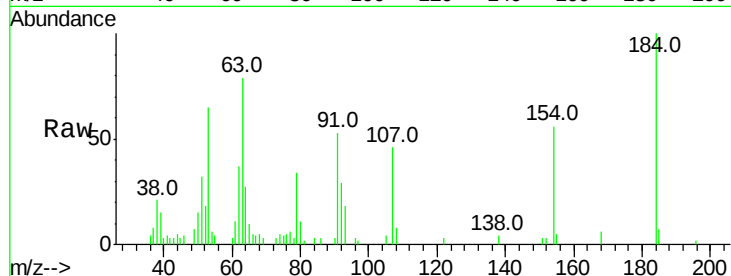




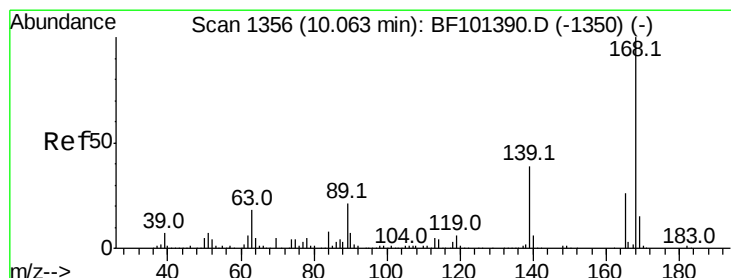
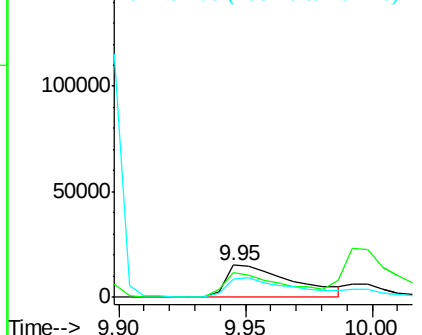
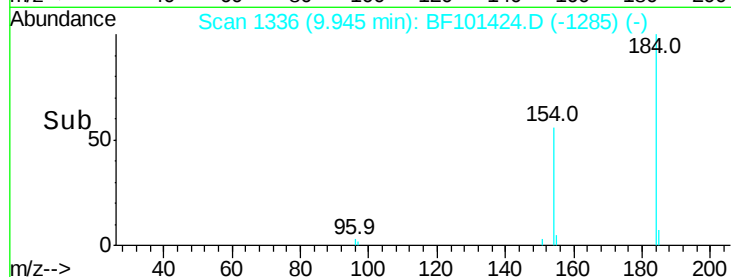
#53
 2,4-Dinitrophenol
 Concen: 25.434 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 27624
 Ion Ratio Lower Upper
 184 100
 63 79.2 54.2 81.2
 154 56.2 184.0 276.0#

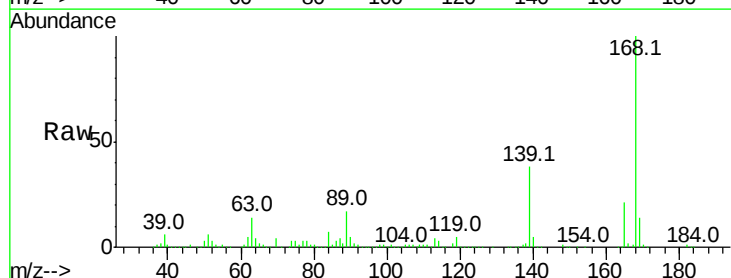


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

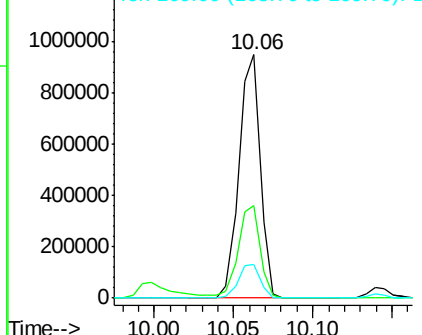
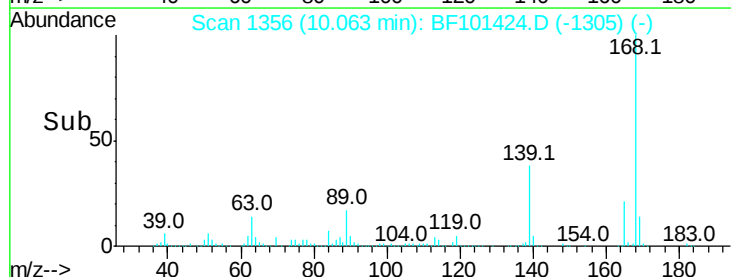


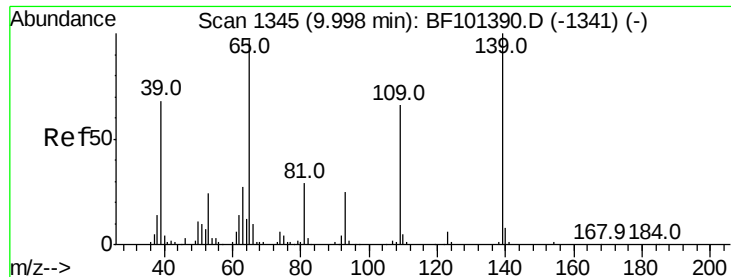
#54
 Dibenzofuran
 Concen: 38.477 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:168 Resp: 880371
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.1 45.1
 169 13.7 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

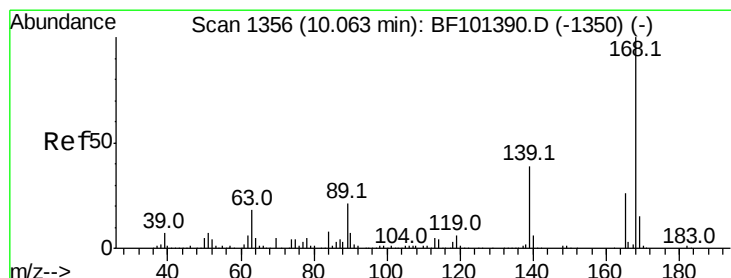
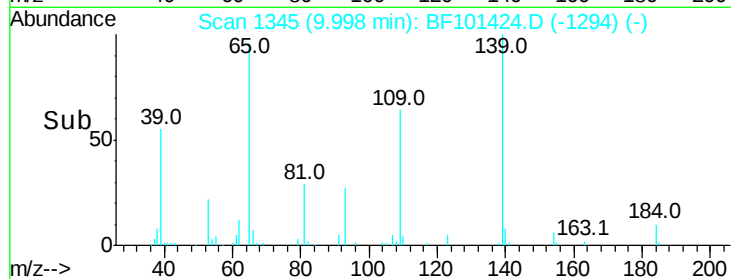
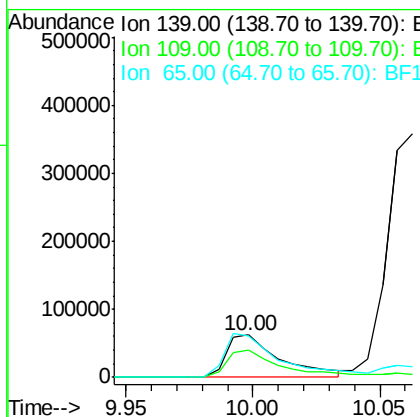
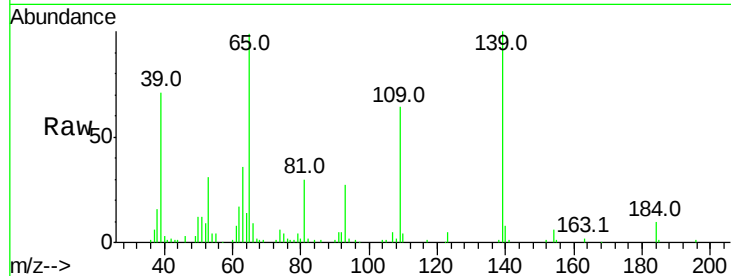




#55
4-Nitrophenol
Concen: 36.481 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

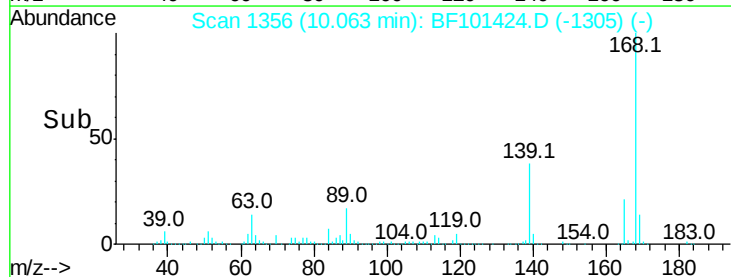
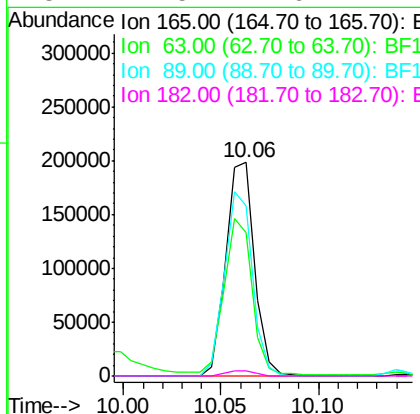
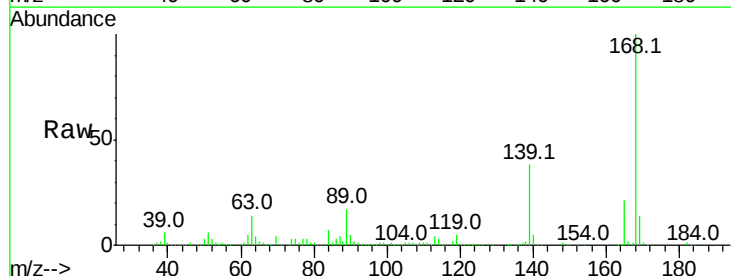
Instrument :
BNA_F
ClientSampled :

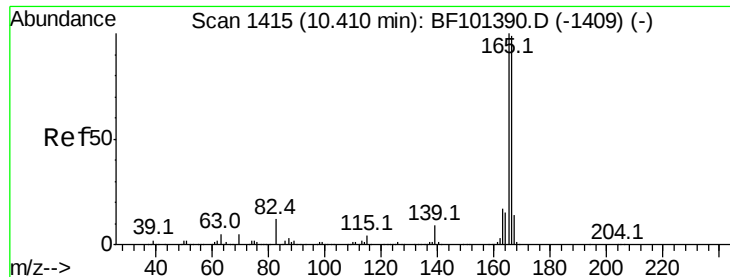
Tot Ion:139 Resp: 90652
Ion Ratio Lower Upper
139 100
109 64.3 48.4 88.4
65 98.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.101 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion:165 Resp: 201366
Ion Ratio Lower Upper
165 100
63 66.9 36.4 54.6#
89 79.9 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 38.782 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

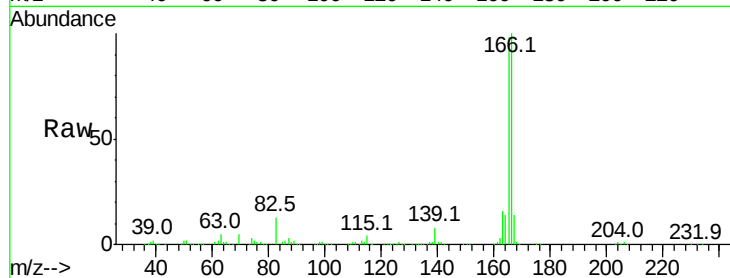
Tot Ion:166 Resp: 750648

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

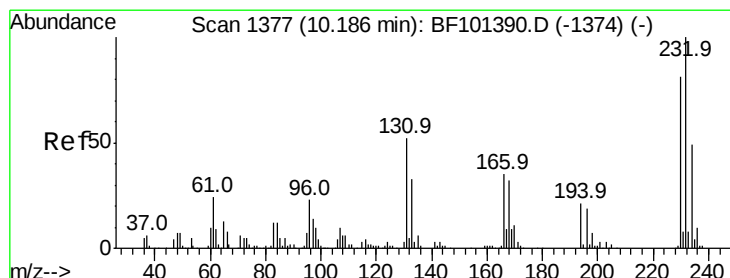
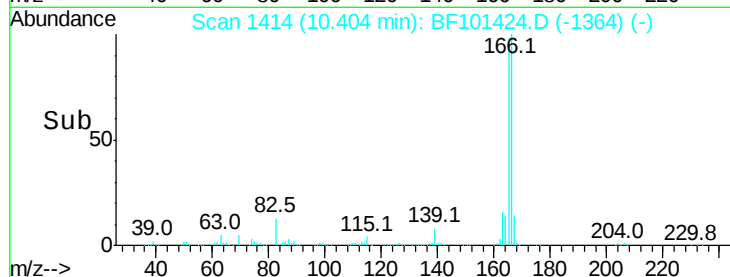
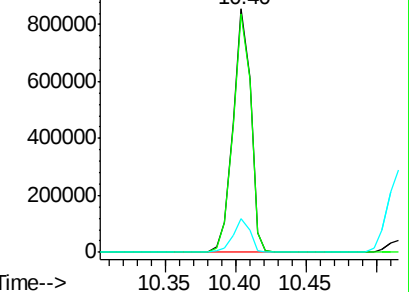
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.784 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Tgt Ion:232 Resp: 177861

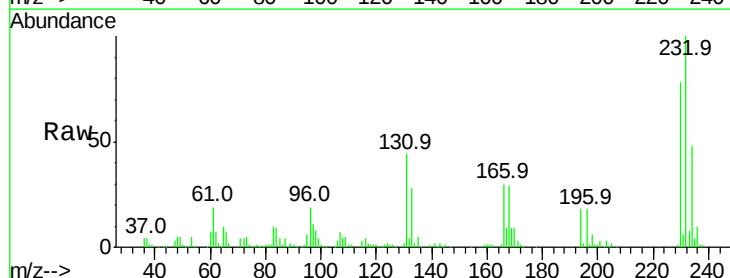
Ion Ratio Lower Upper

232 100

131 48.2 43.8 65.8

130 2.1 2.1 3.1

166 29.9 27.8 41.6

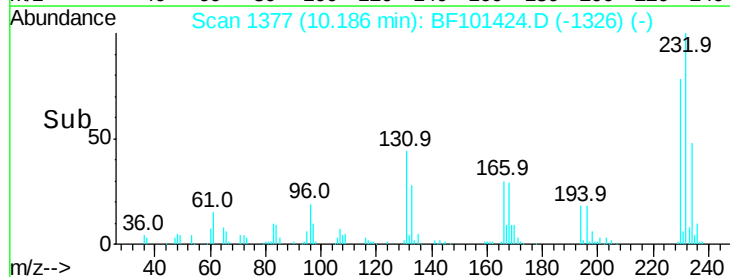
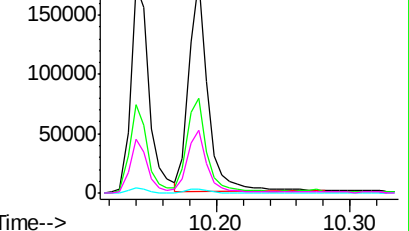


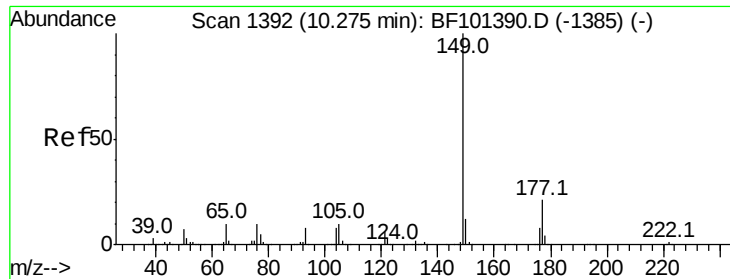
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

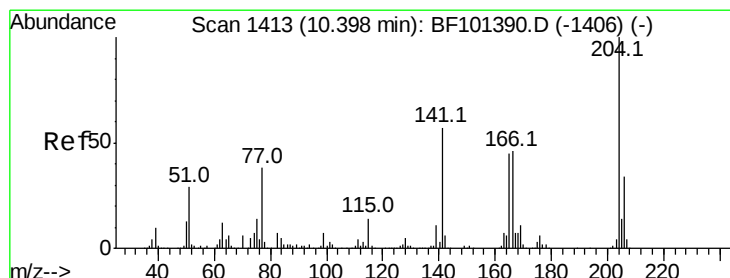
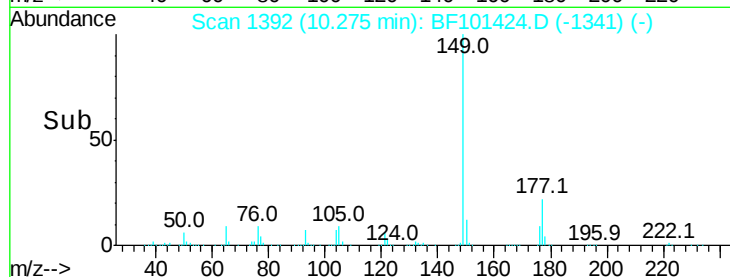
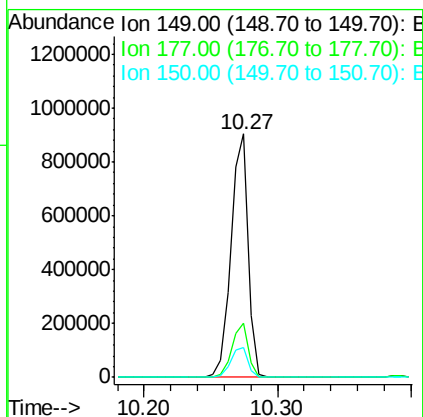
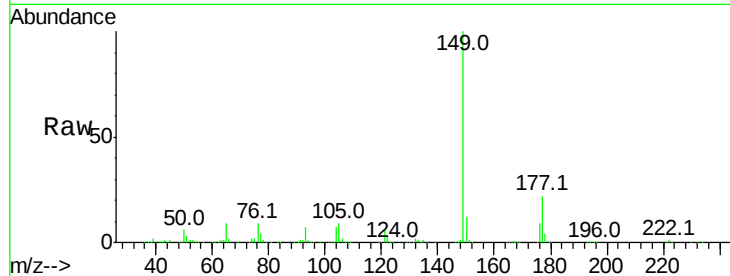




#59
Diethylphthalate
Concen: 36.932 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

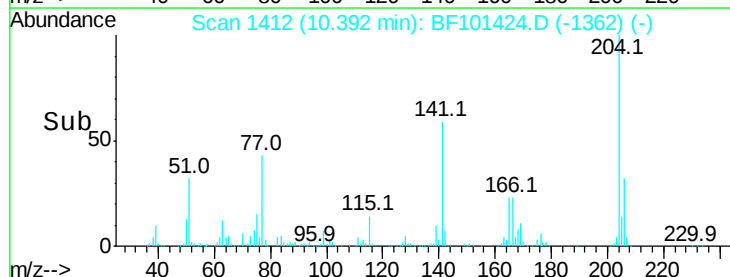
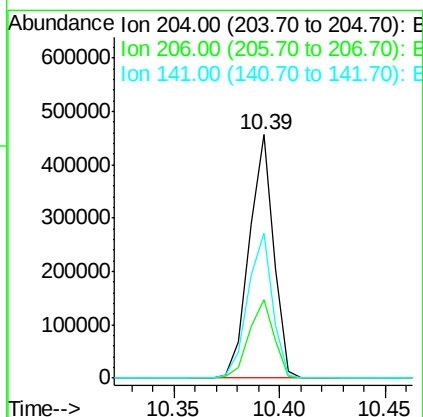
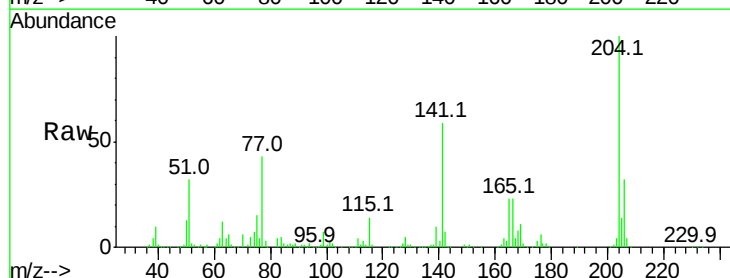
Instrument :
BNA_F
ClientSampleId :

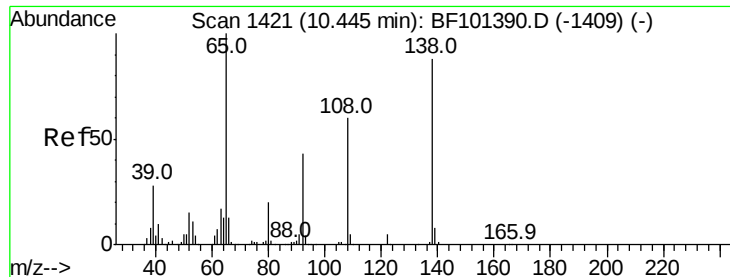
Tot Ion:149 Resp: 822527
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.428 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion:204 Resp: 365746
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 59.3 54.6 81.8

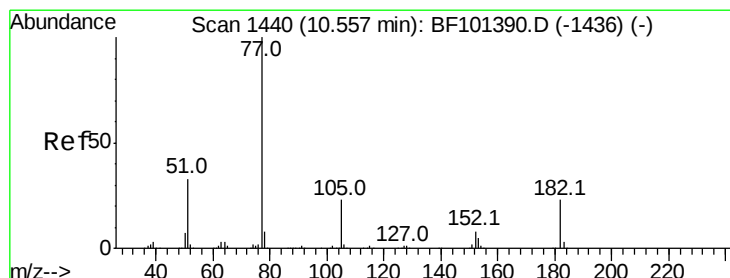
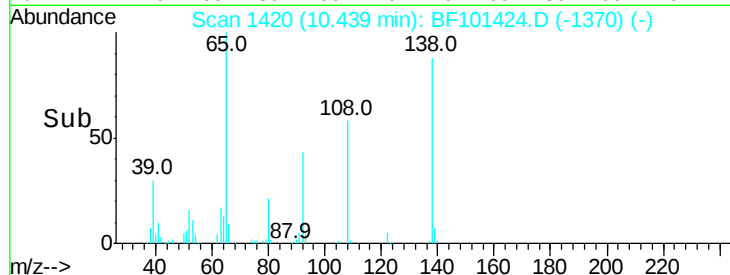
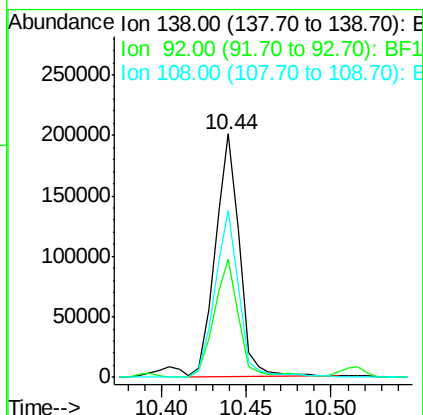
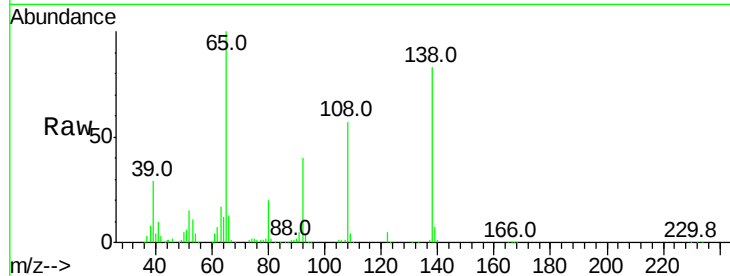




#61
4-Nitroaniline
Concen: 34.645 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

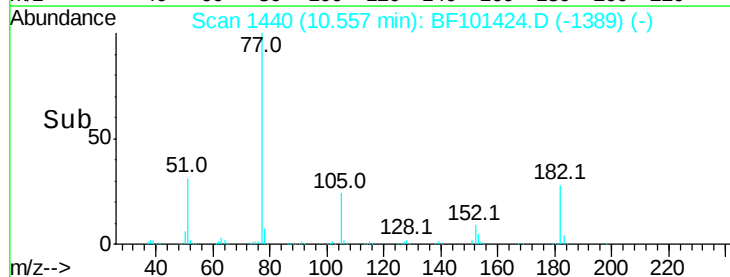
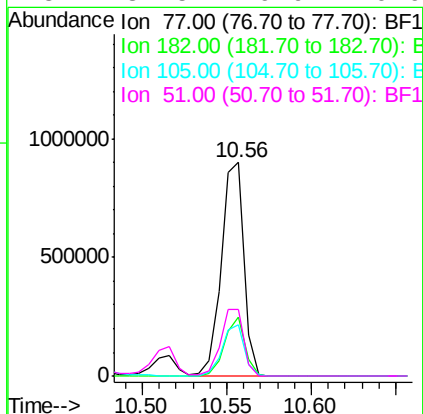
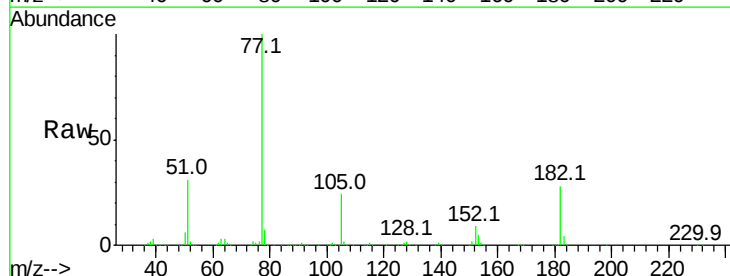
Instrument :
BNA_F
ClientSampleId :

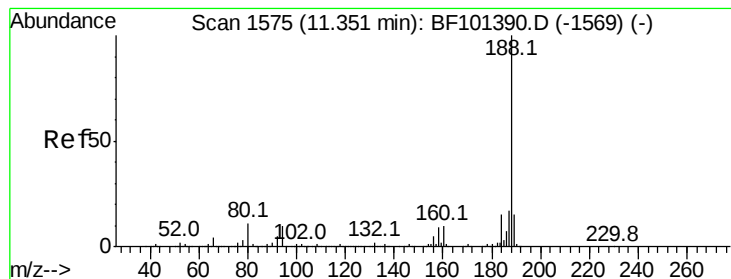
Tot Ion:138 Resp: 198450
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 68.7 52.5 92.5



#62
Azobenzene
Concen: 36.233 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion: 77 Resp: 835939
Ion Ratio Lower Upper
77 100
182 27.6 1.7 41.7
105 24.3 3.0 43.0
51 31.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

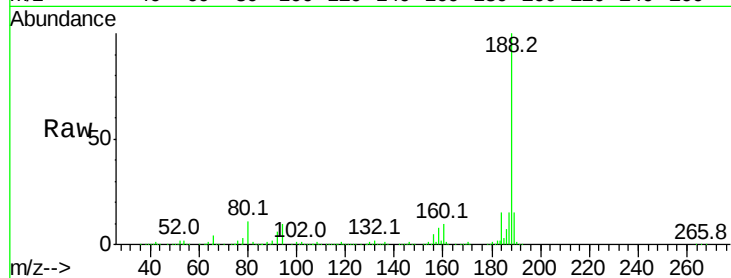
Tot Ion:188 Resp: 518869

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

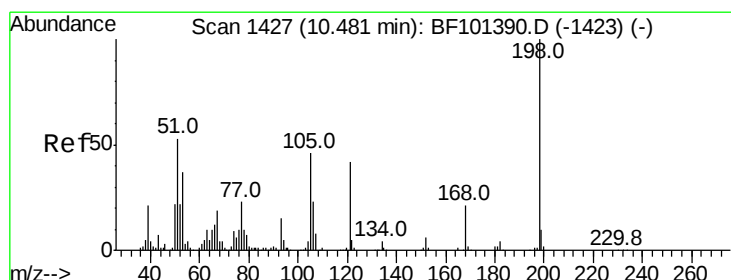
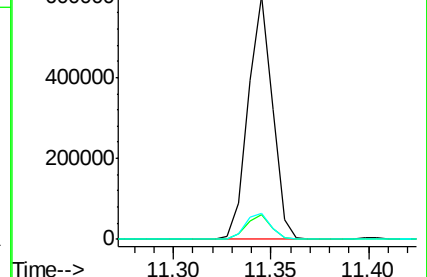
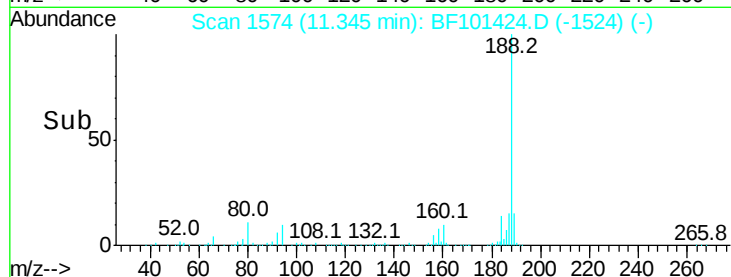
80 10.9 9.2 13.8



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: 31.313 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

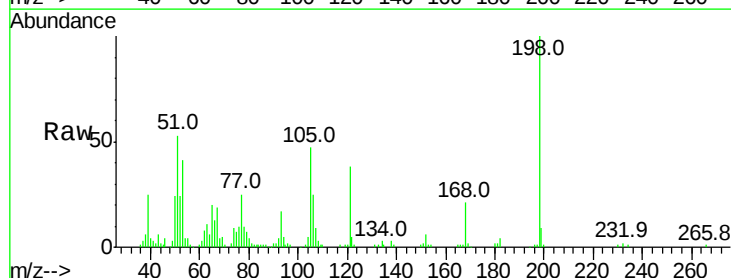
Tgt Ion:198 Resp: 82911

Ion Ratio Lower Upper

198 100

51 53.4 37.7 77.7

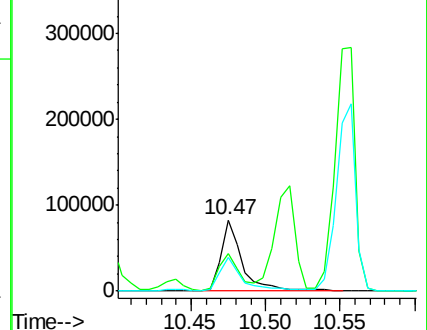
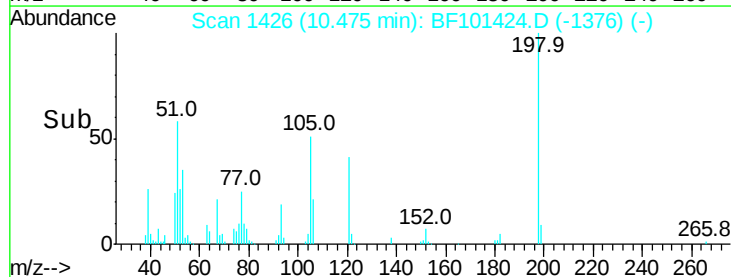
105 46.7 36.3 76.3

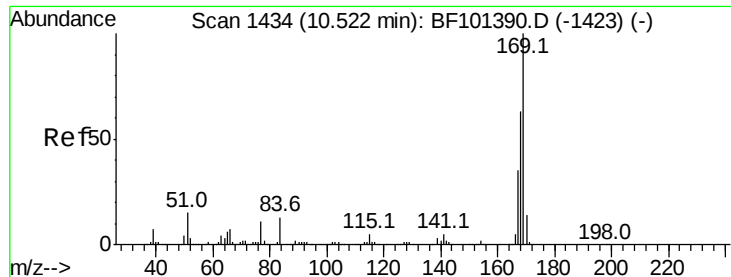


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

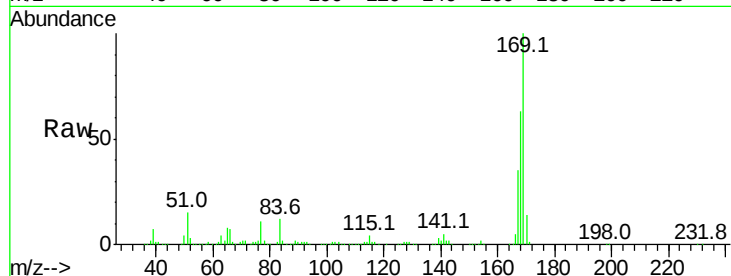




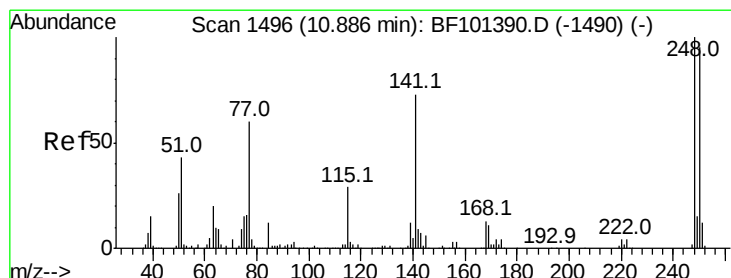
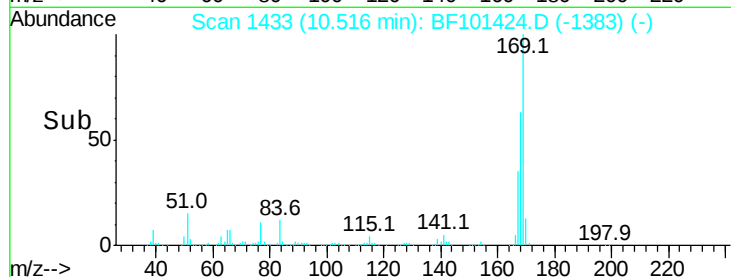
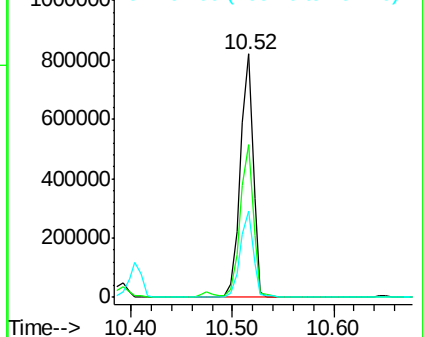
#65
 n-Nitrosodiphenylamine
 Concen: 37.768 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 723590
 Ion Ratio Lower Upper
 169 100
 168 63.0 54.4 81.6
 167 35.3 29.8 44.6

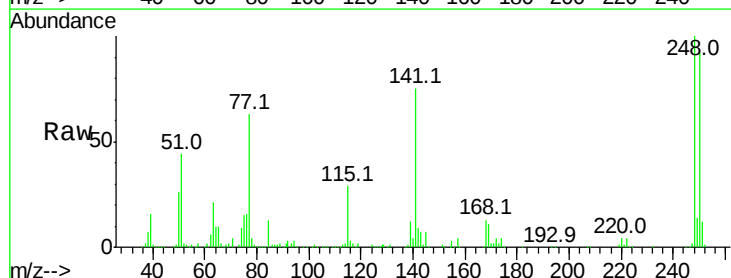


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

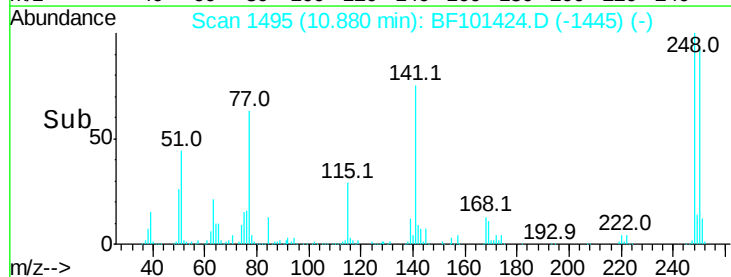
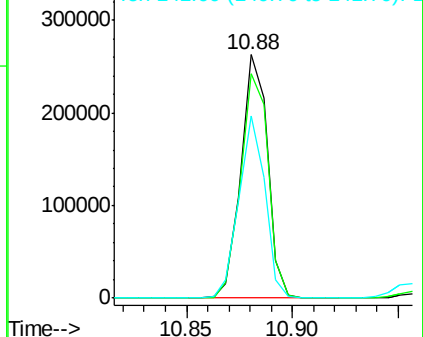


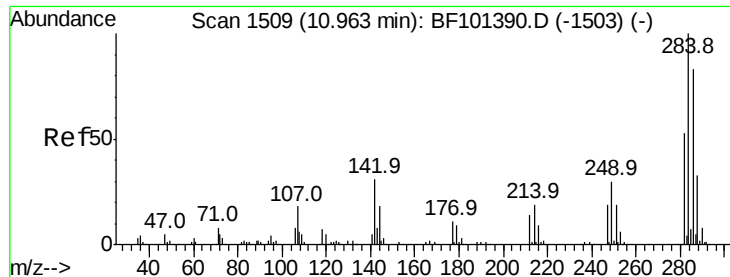
#66
 4-Bromophenyl-phenylether
 Concen: 39.408 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:248 Resp: 229757
 Ion Ratio Lower Upper
 248 100
 250 92.1 76.9 115.3
 141 75.0 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: 37.585 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

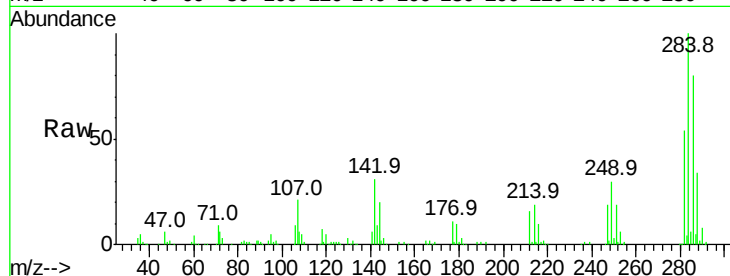
Tot Ion:284 Resp: 231916

Ion Ratio Lower Upper

284 100

142 31.5 34.6 52.0#

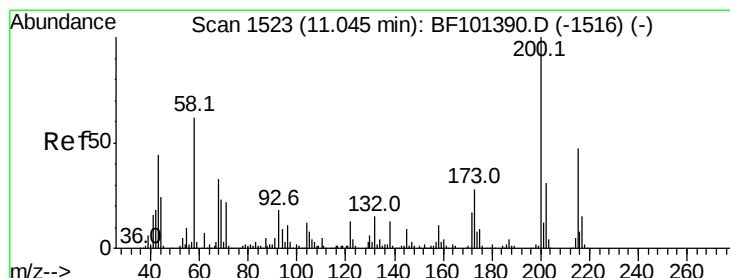
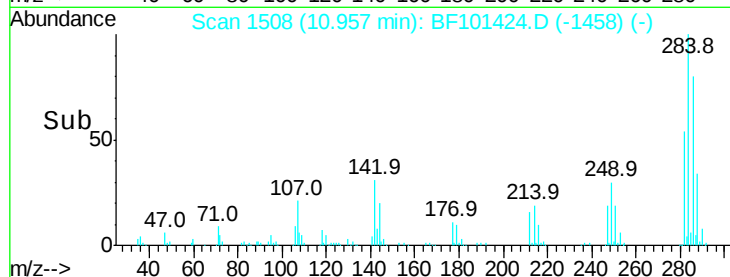
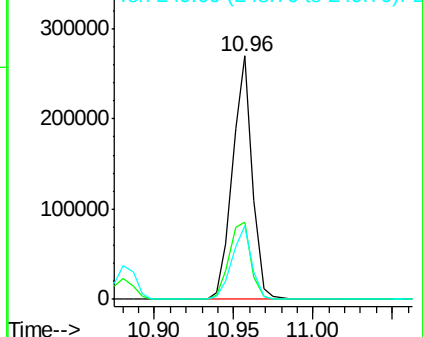
249 30.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.712 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

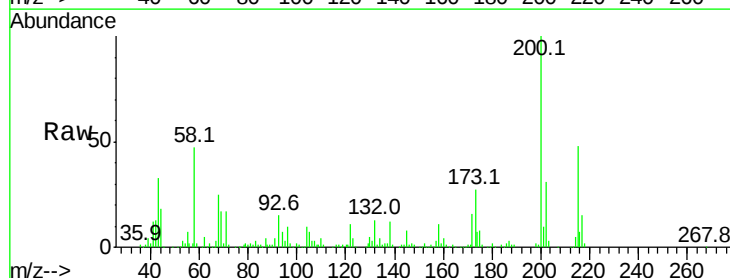
Tgt Ion:200 Resp: 221153

Ion Ratio Lower Upper

200 100

173 27.3 8.6 48.6

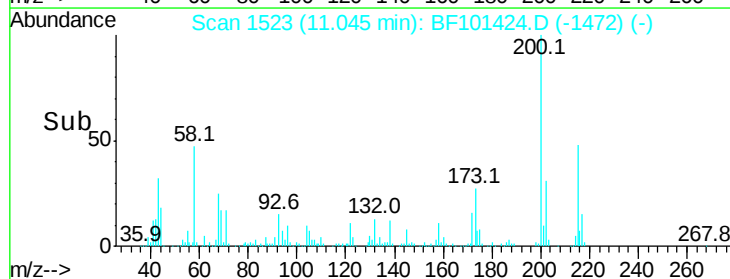
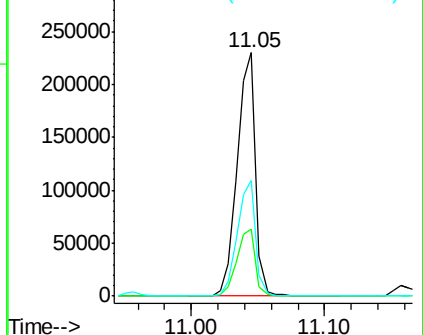
215 47.7 25.1 65.1

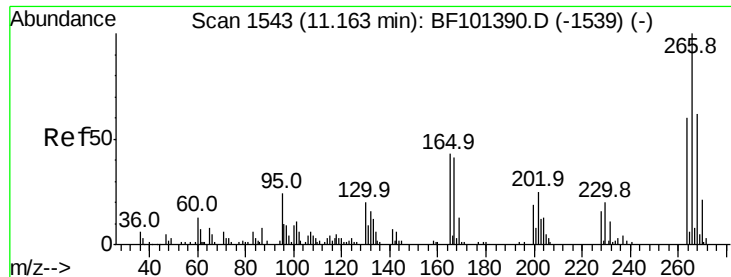


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

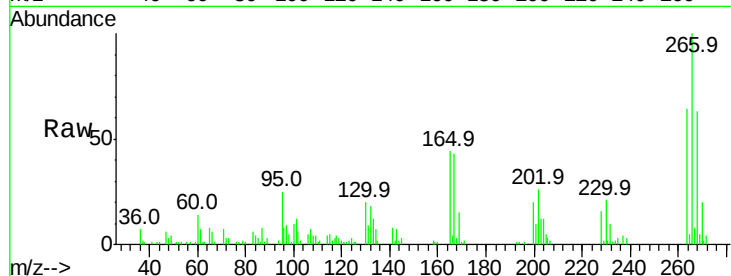




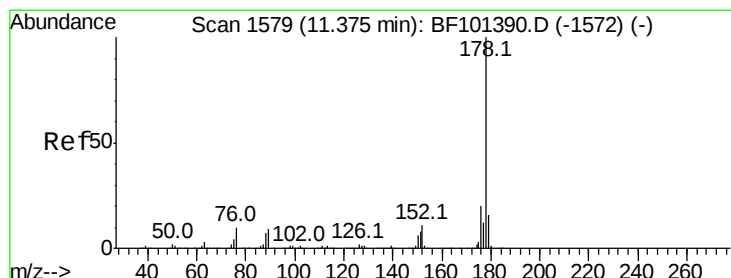
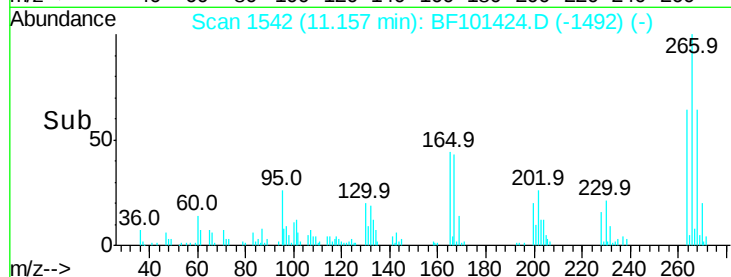
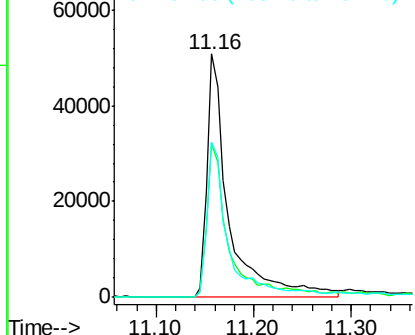
#69
 Pentachlorophenol
 Concen: 37.008 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 79593
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.5 49.5 74.3

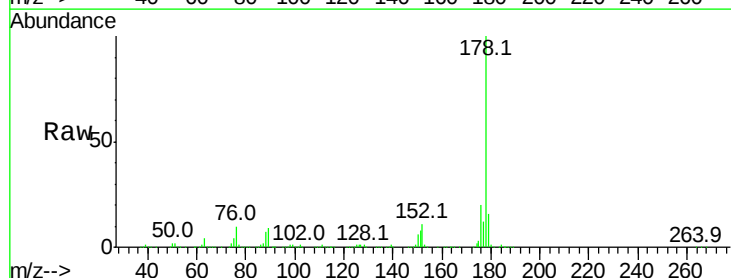


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

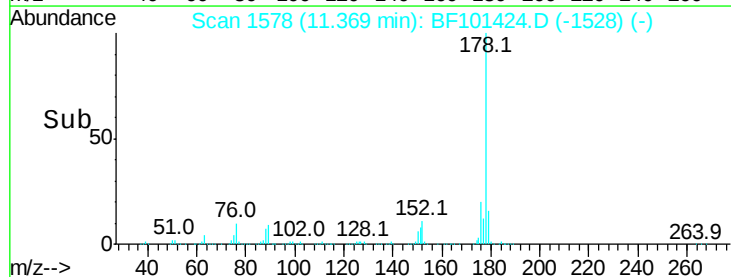
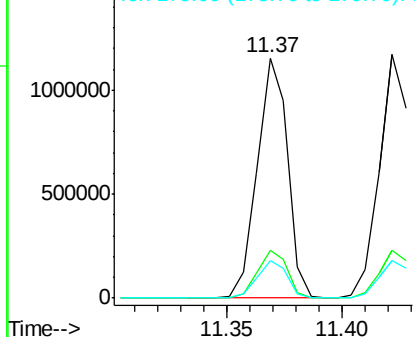


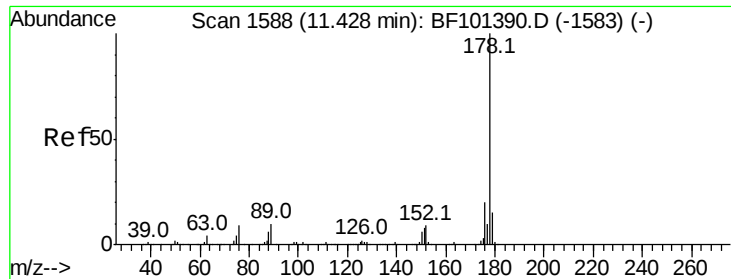
#70
 Phenanthrene
 Concen: 36.721 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:178 Resp: 1059601
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.8 13.0 19.6



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

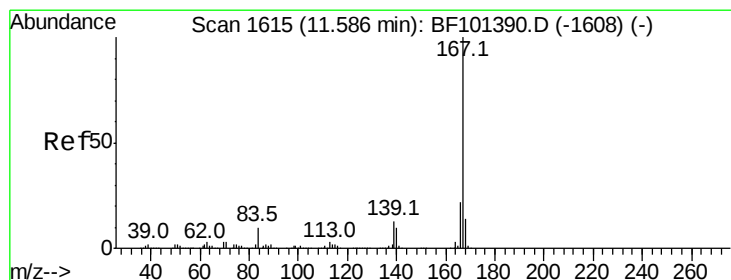
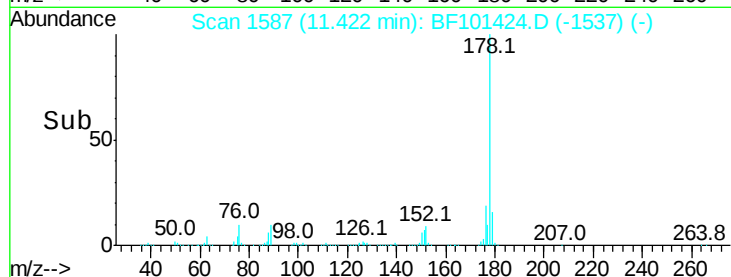
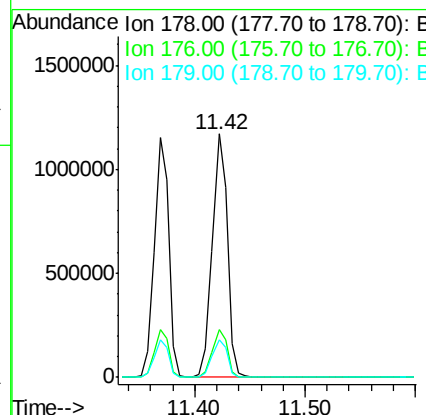
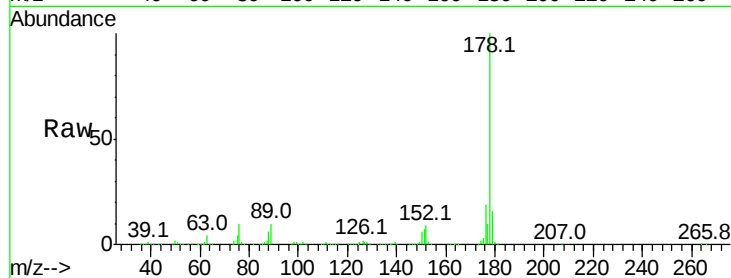




#71
 Anthracene
 Concen: 36.480 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

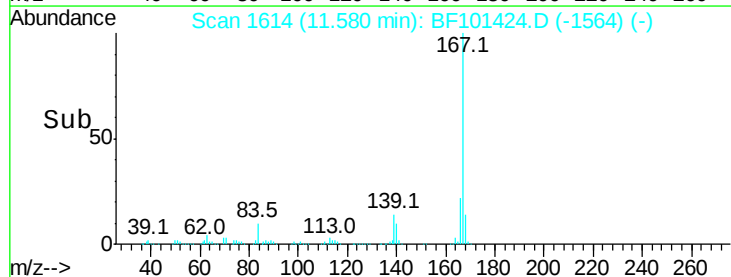
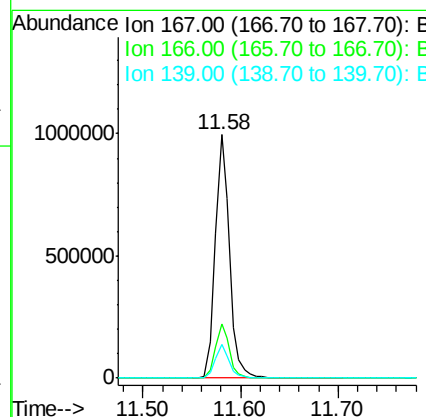
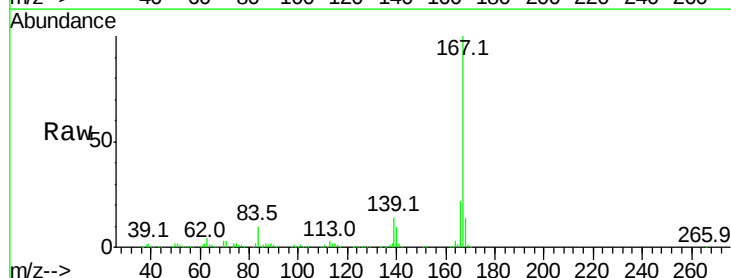
Instrument :
 BNA_F
 ClientSampleId :

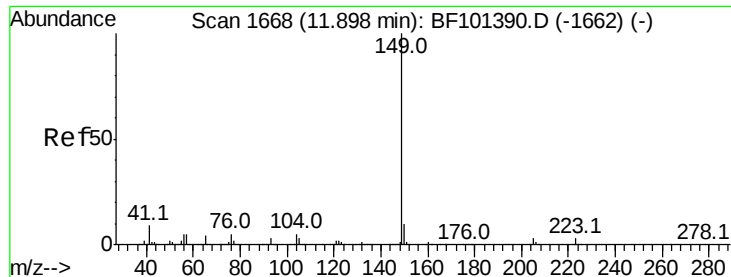
Tot Ion:178 Resp: 1075225
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 36.265 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:167 Resp: 1000771
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.083 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

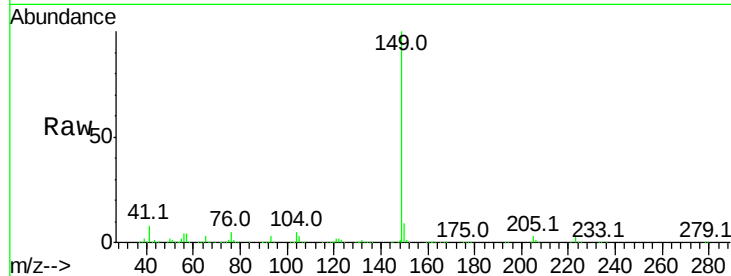
Tot Ion:149 Resp: 1242065

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

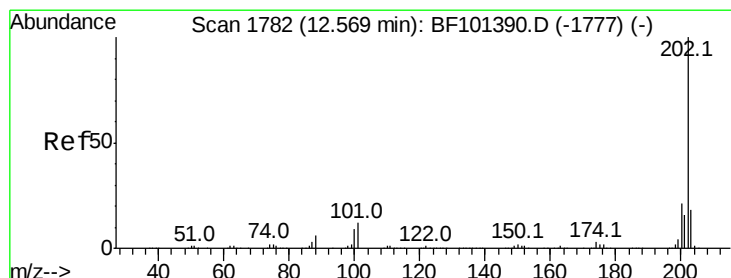
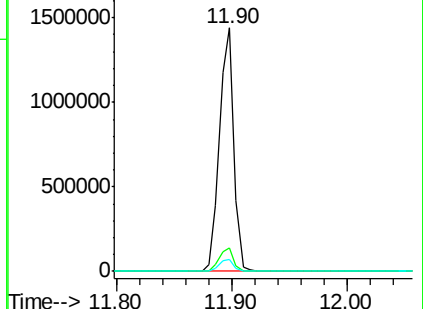
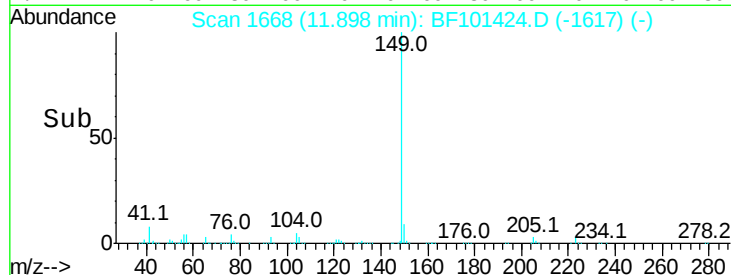
104 4.9 3.8 5.8



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: 35.080 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

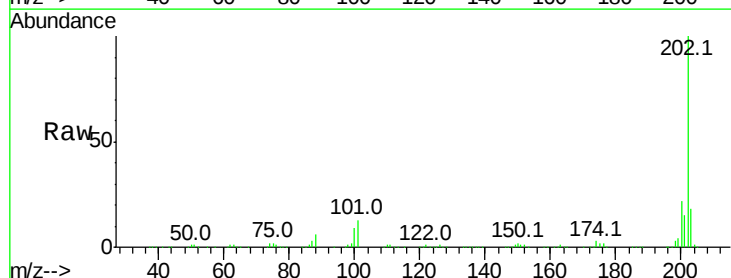
Tgt Ion:202 Resp: 1062487

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

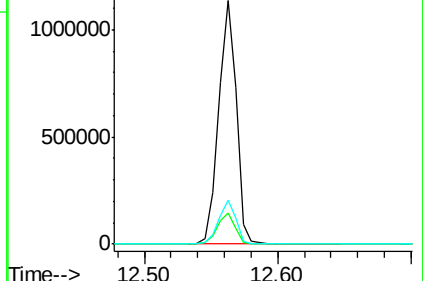
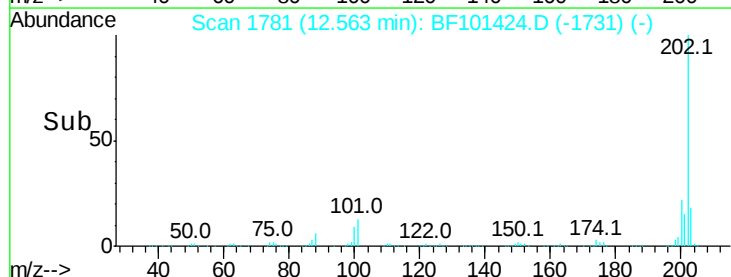
203 17.8 0.0 38.1

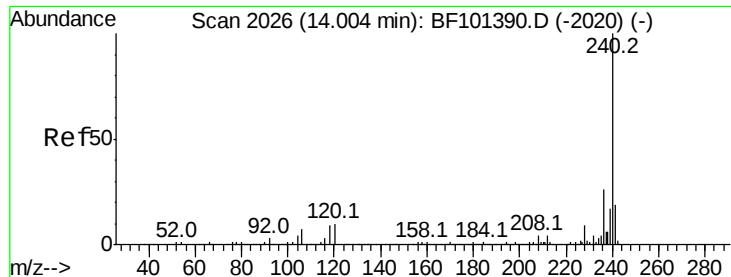


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

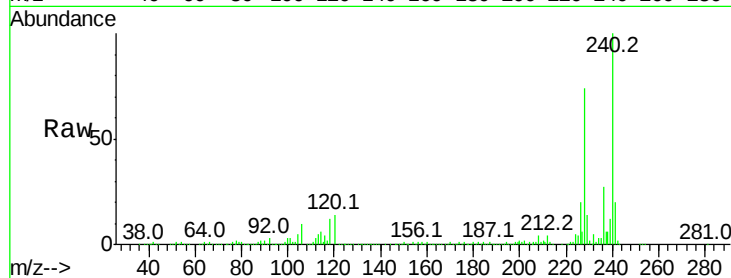
Tot Ion:240 Resp: 324385

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

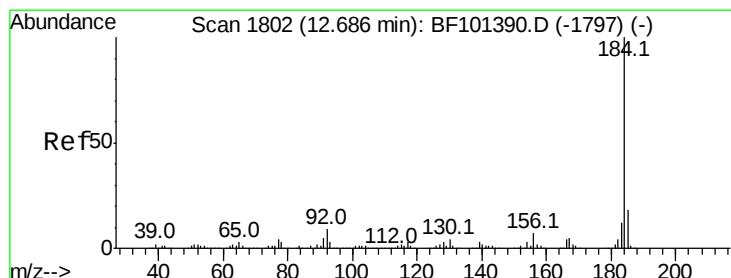
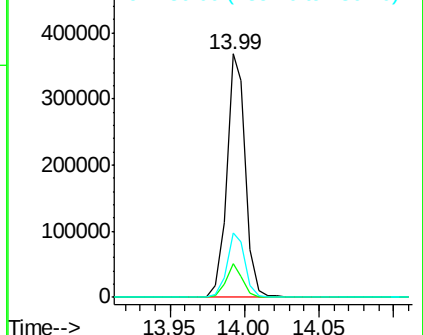
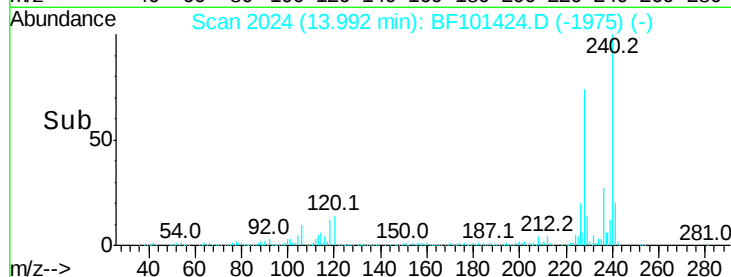
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.996 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

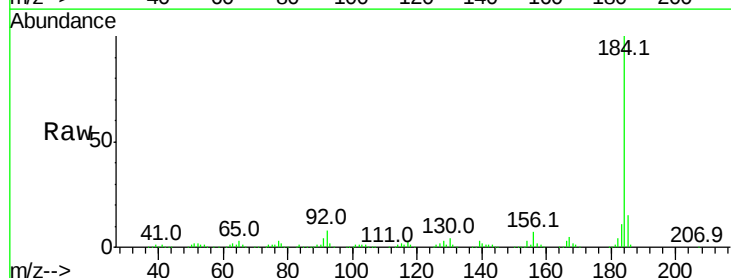
Tgt Ion:184 Resp: 452064

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

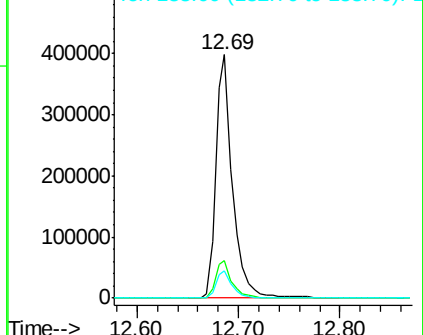
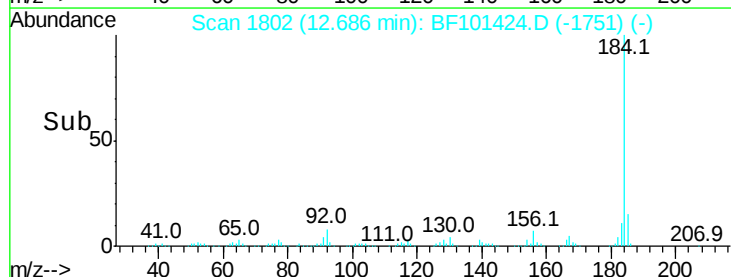
183 11.4 9.3 13.9

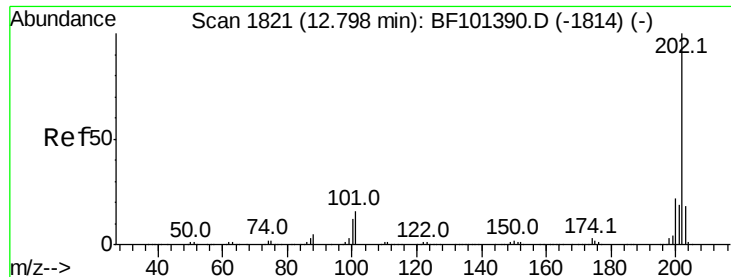


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

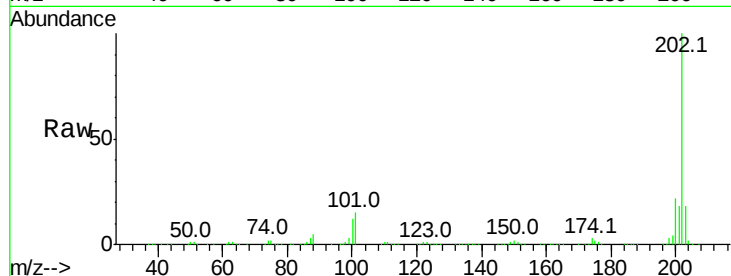




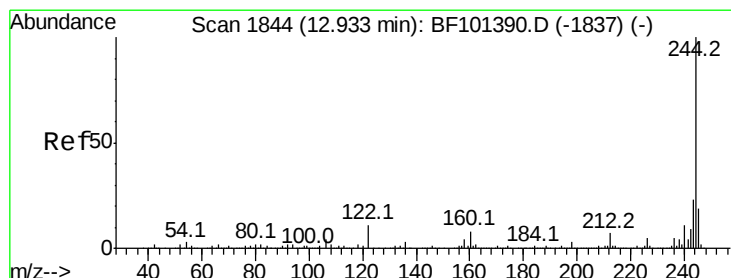
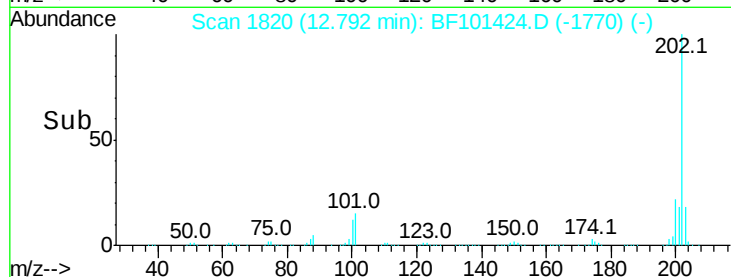
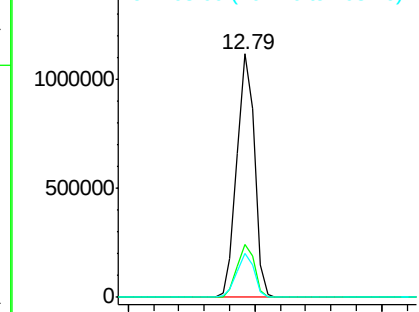
#77
Pvrene
Concen: 43.776 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1065732
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.9 14.3 21.5

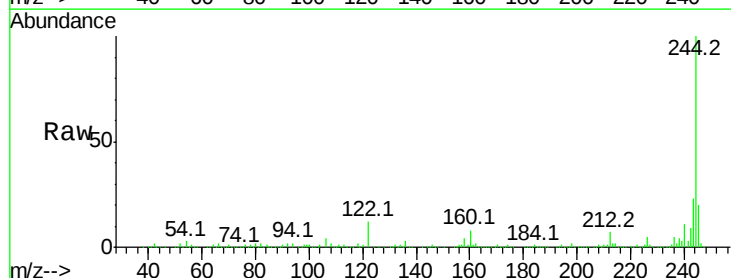


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

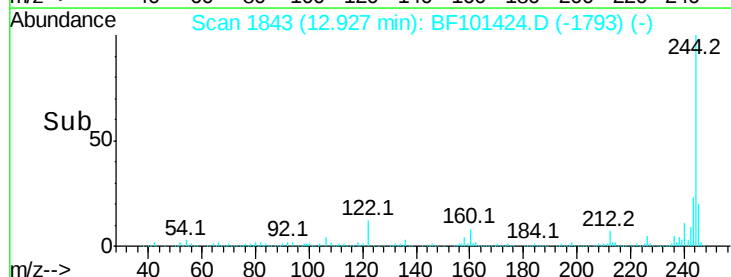
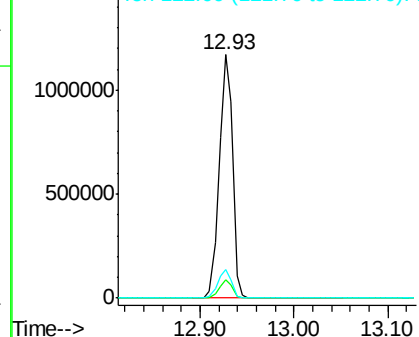


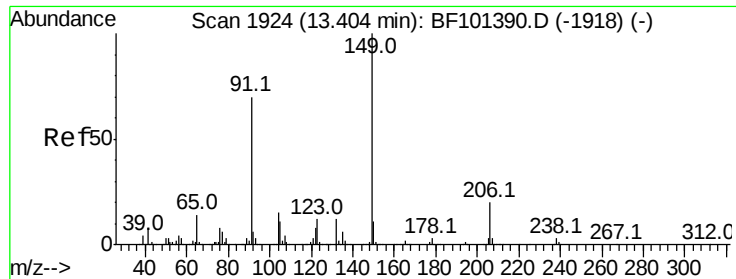
#78
Terphenyl-d14
Concen: 87.259 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion:244 Resp: 1174124
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 11.9 11.0 16.4



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

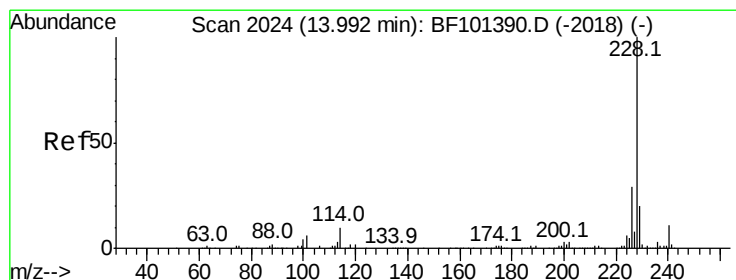
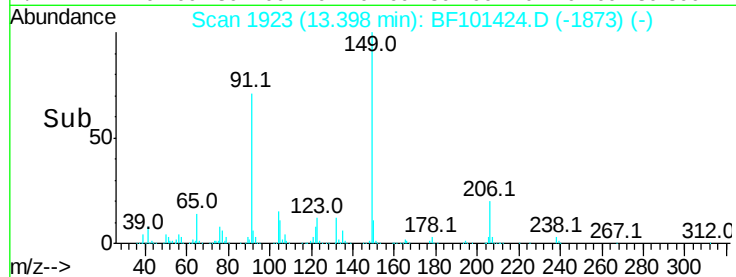
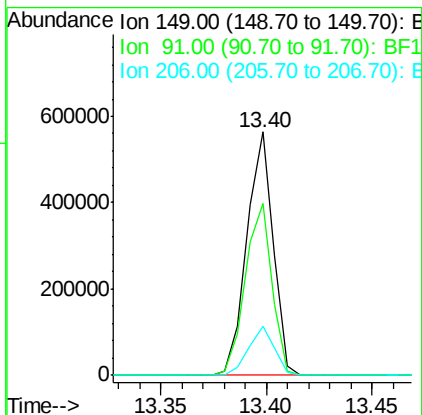
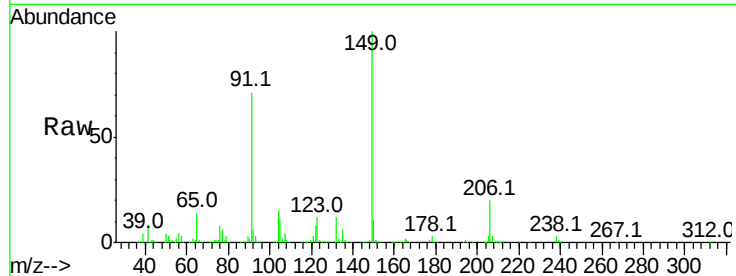




#79
 Butylbenzylphthalate
 Concen: 44.406 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

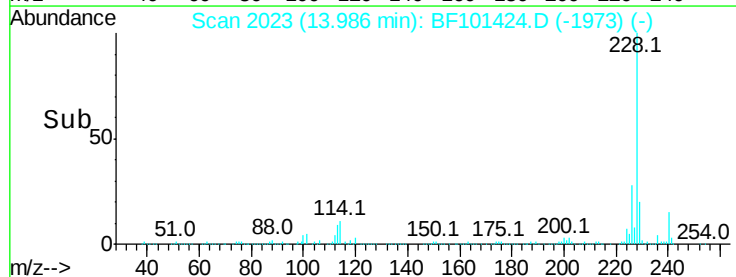
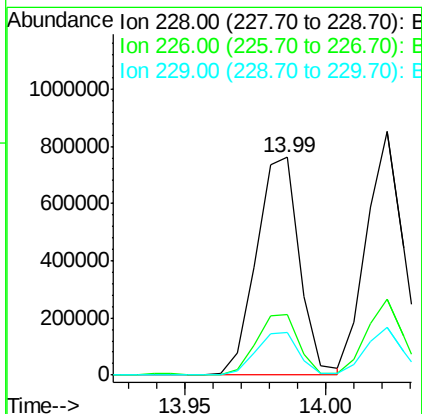
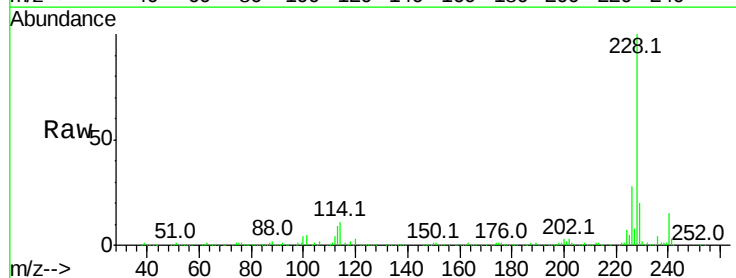
Instrument :
 BNA_F
 ClientSampleId :

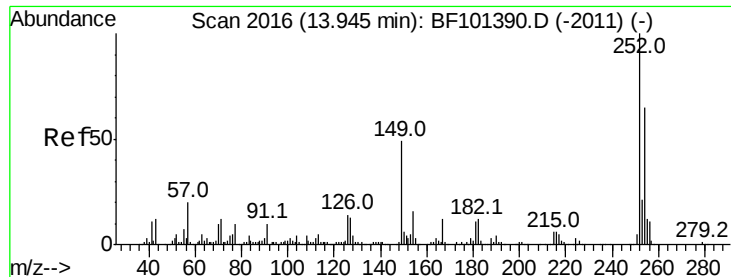
Tot Ion:	149	Resp:	489154
Ion Ratio	Lower	Upper	
149	100		
91	70.6	56.8	85.2
206	20.3	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 37.606 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:	228	Resp:	805509
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.7	15.8	23.6

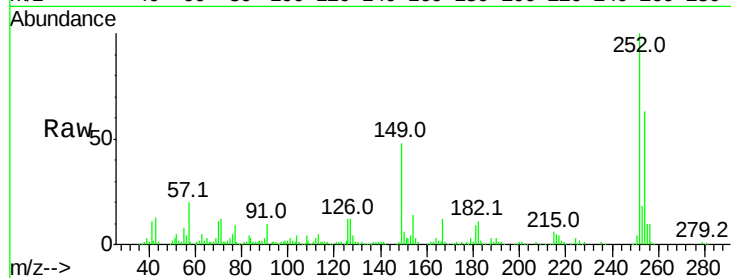




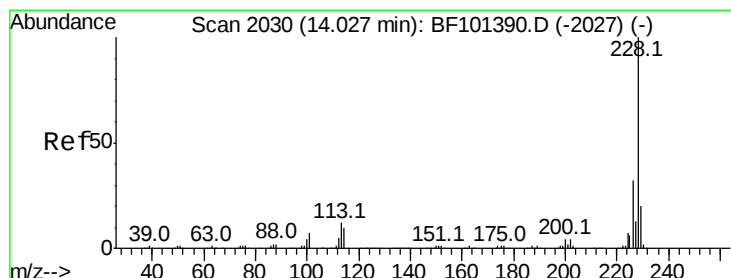
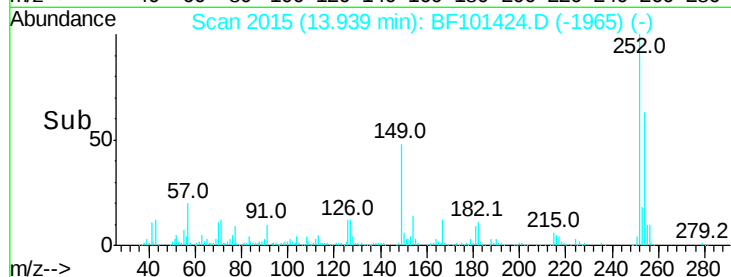
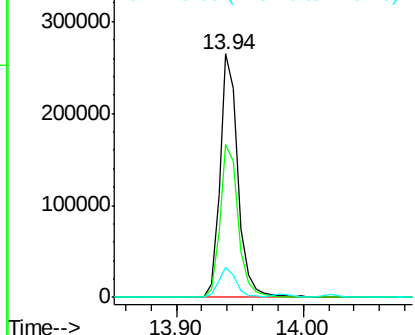
#81
 3,3'-Dichlorobenzidine
 Concen: 37.543 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	12.2	11.3	16.9

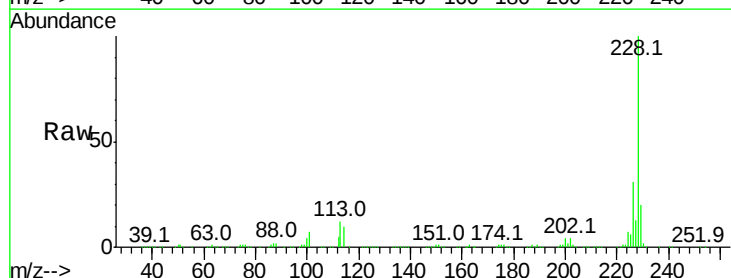


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

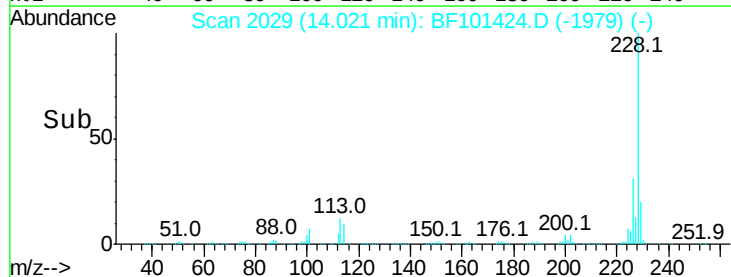
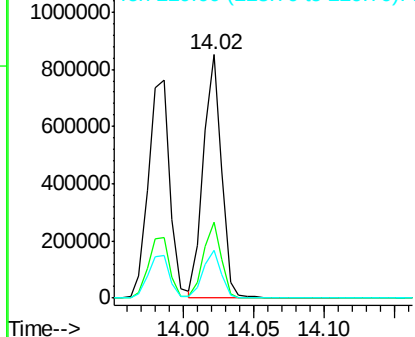


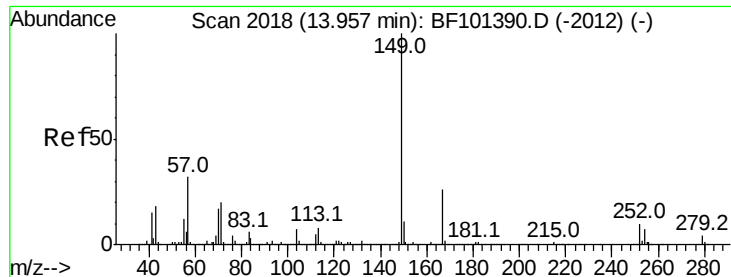
#82
 Chrysene
 Concen: 37.478 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.6	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

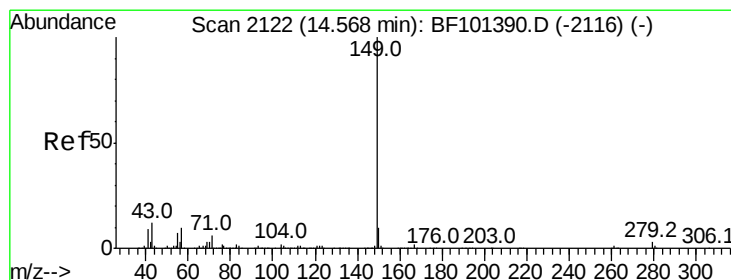
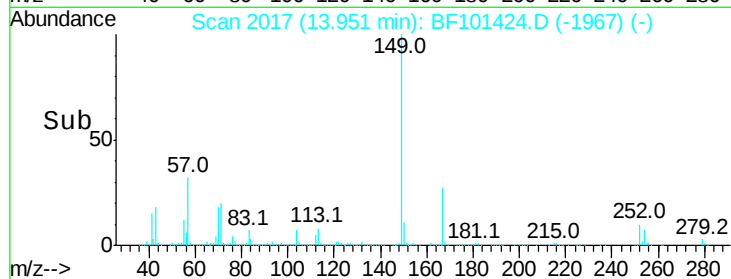
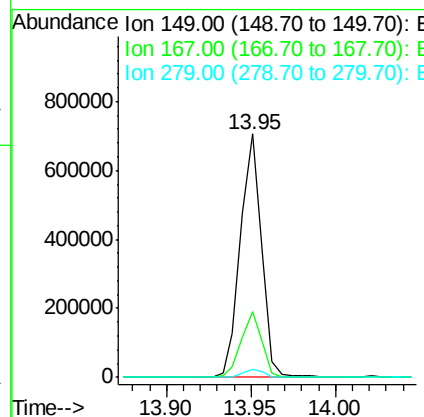
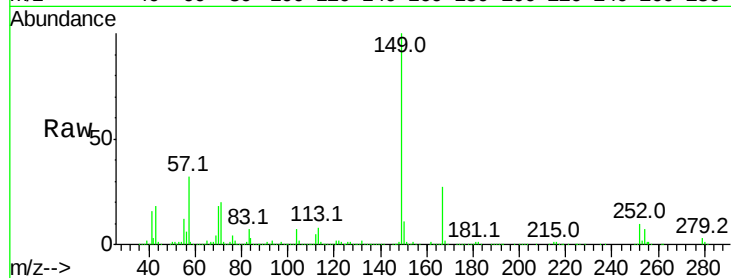




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.789 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

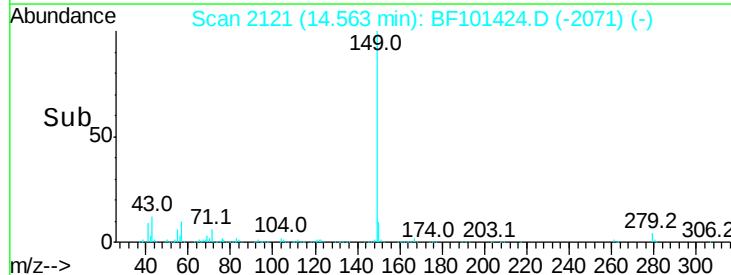
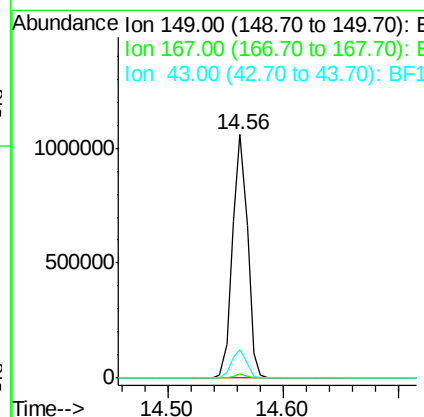
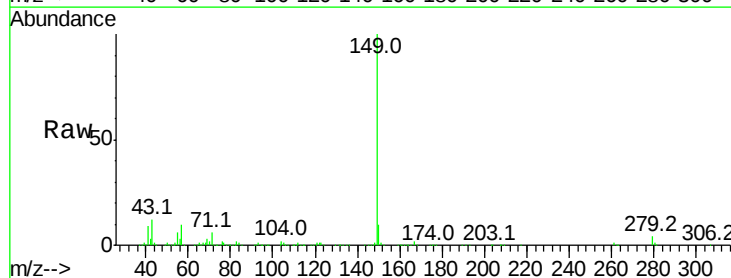
Instrument :
 BNA_F
 ClientSampleId :

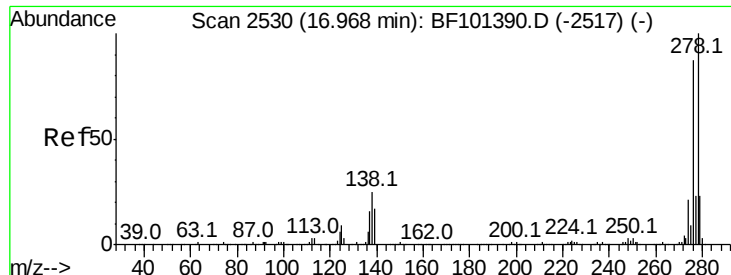
Tot Ion:149 Resp: 610964
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 38.208 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion:149 Resp: 950735
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 8.4 12.6

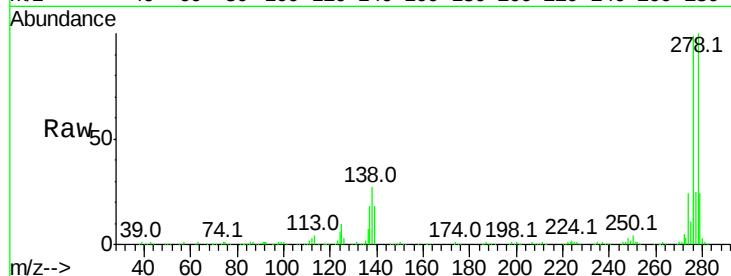




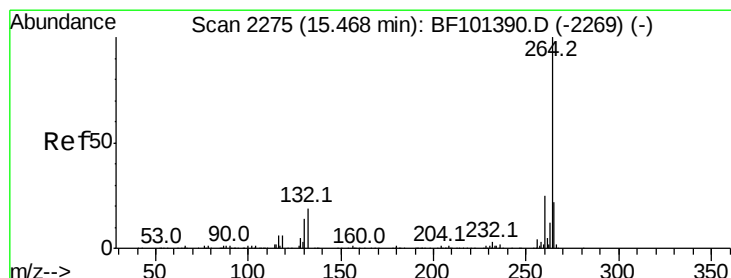
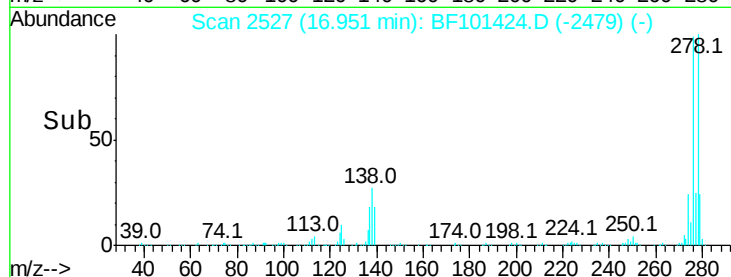
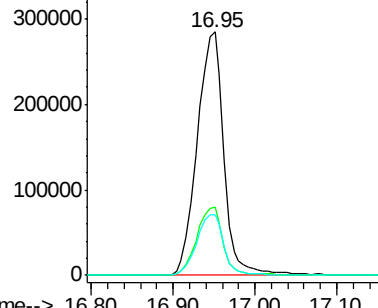
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.965 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. -0.02 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.6	20.1	30.1

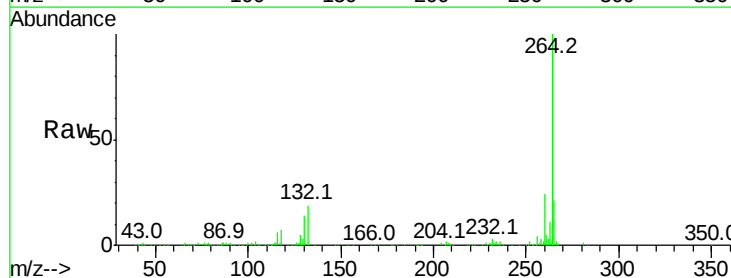


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

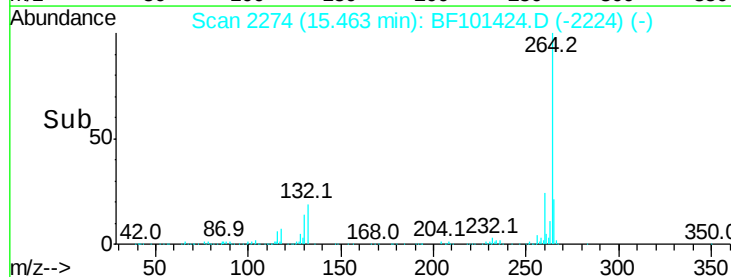
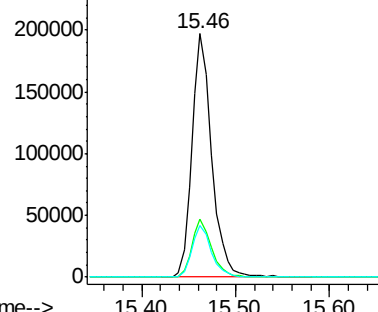


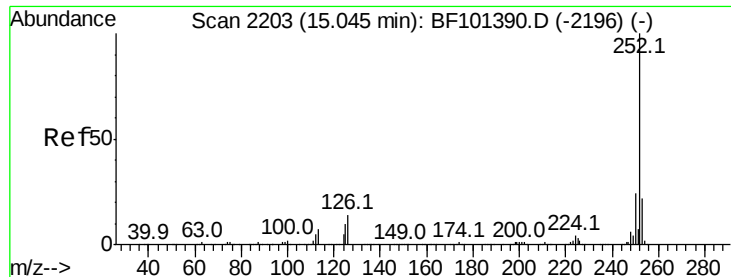
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF101424.D
 Acq: 15 Dec 2017 5:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	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

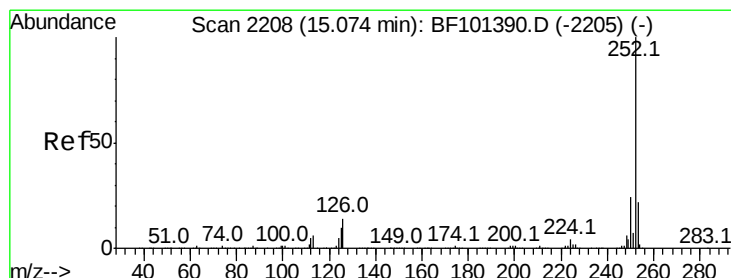
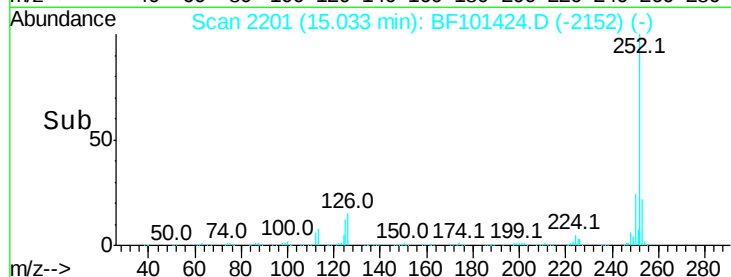
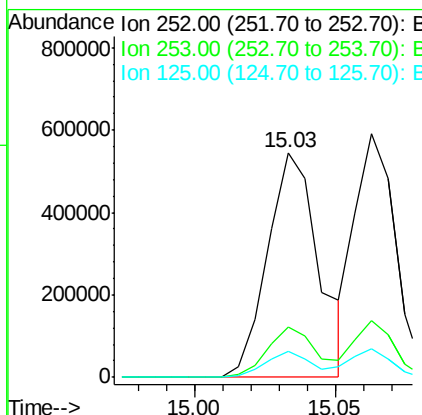
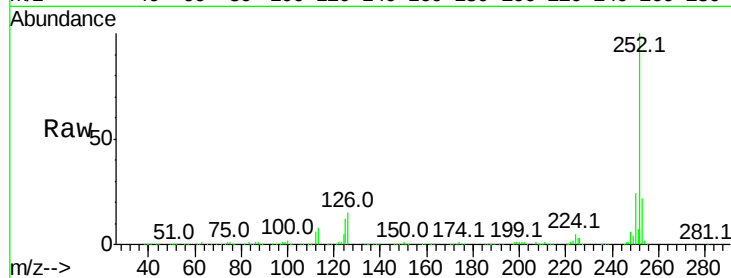




#87
Benzo(b)fluoranthene
Concen: 39.040 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

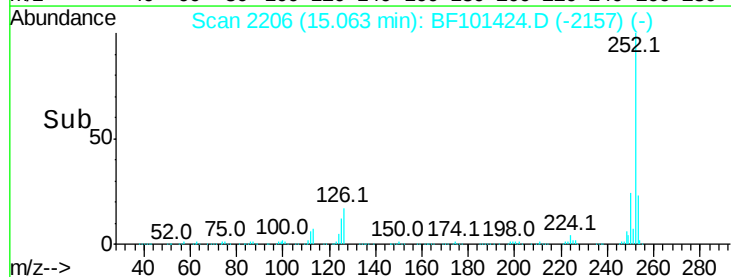
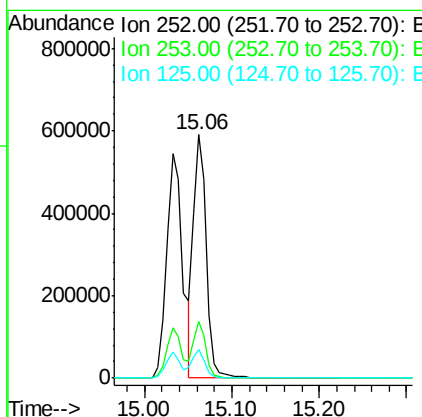
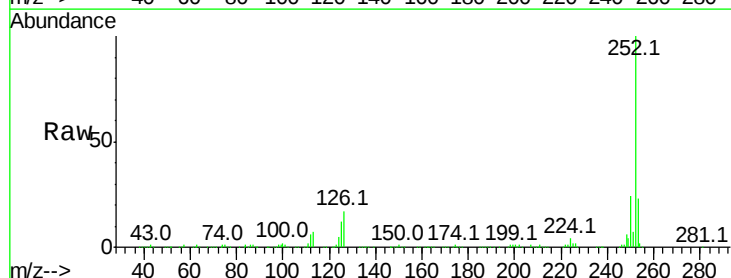
Instrument :
BNA_F
ClientSampleId :

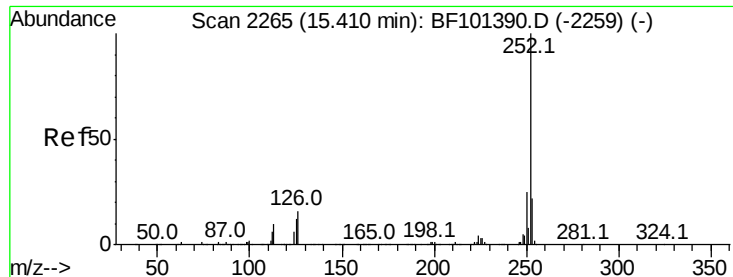
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.6	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 35.233 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.5	10.2	15.2

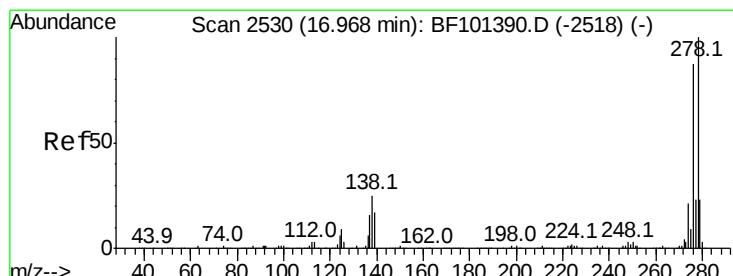
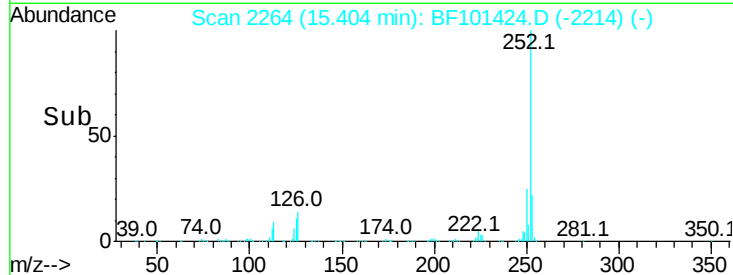
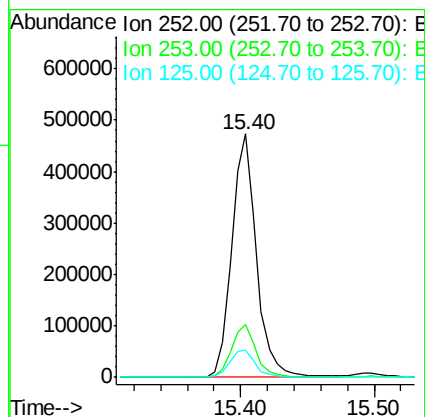
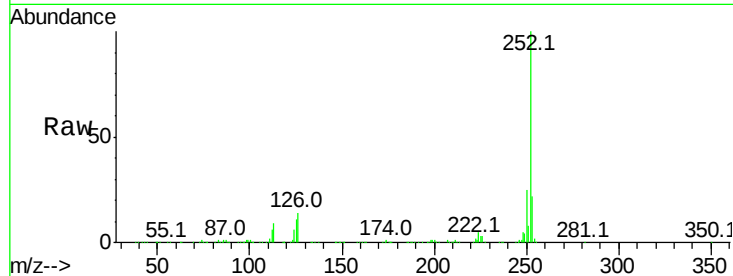




#89
Benzo(a)pyrene
Concen: 37.712 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

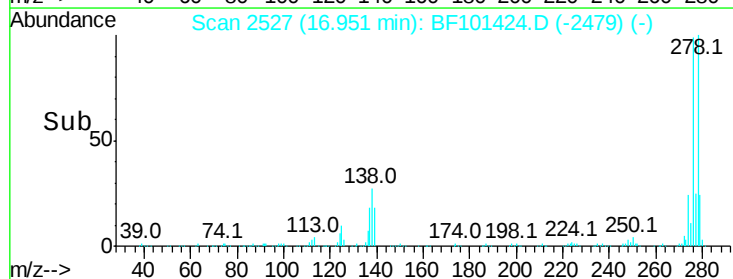
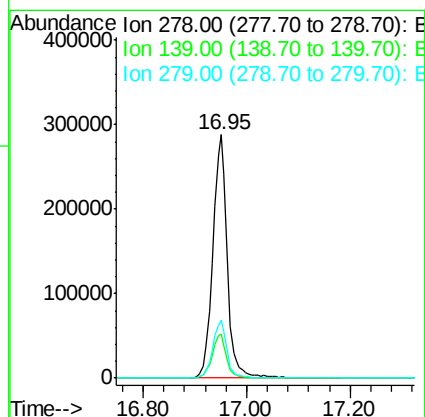
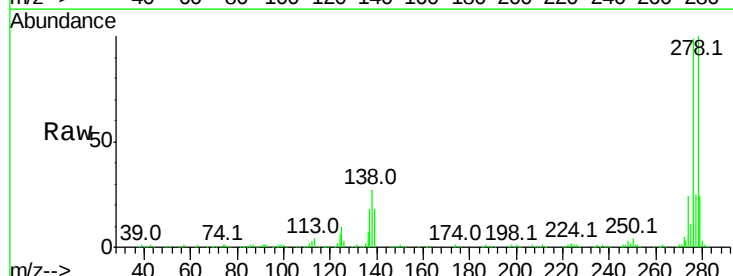
Instrument :
BNA_F
ClientSampleId :

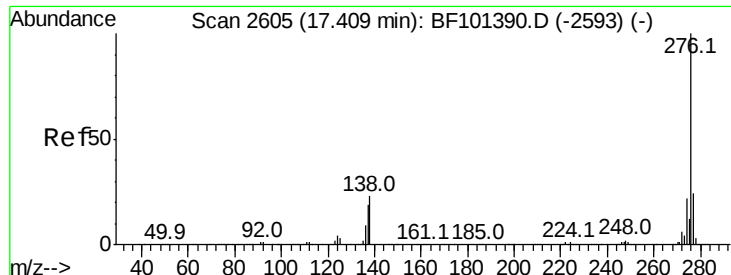
Tot Ion:252 Resp: 613120
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 11.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.162 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF101424.D
Acq: 15 Dec 2017 5:37

Tgt Ion:278 Resp: 560607
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.793 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF101424.D

Acq: 15 Dec 2017 5:37

Instrument :

BNA_F

ClientSampleId :

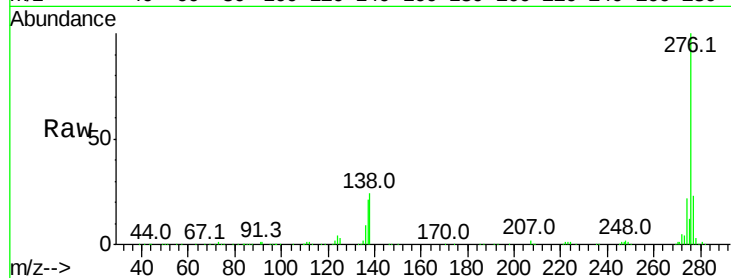
Tot Ion:276 Resp: 536197

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 24.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

