

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101832.D
 Acq On : 29 Dec 2017 16:39
 Operator : SJ/JU
 Sample : I7023-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 03:04:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102558	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	318509	20.00	ng	0.01
38) Acenaphthene-d10	9.85	164	140822	20.00	ng	0.02
63) Phenanthrene-d10	11.33	188	226919	20.00	ng	0.02
75) Chrysene-d12	13.97	240	251659	20.00	ng	0.00
86) Perylene-d12	15.44	264	296352	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1111332	161.41	ng	0.01
7) Phenol-d6	6.45	99	1172142	136.79	ng	0.01
23) Nitrobenzene-d5	7.36	82	691156	120.79	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	172752	127.31	ng	0.02
44) 2-Fluorobiphenyl	9.16	172	854606	94.14	ng	0.02
78) Terphenyl-d14	12.90	244	849643	81.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	145559	41.144	ng	97
3) Pyridine	3.32	79	339994	34.590	ng	96
4) n-Nitrosodimethylamine	3.26	42	183185	40.477	ng	100
6) Aniline	6.46	93	330966	27.794	ng	# 64
8) 2-Chlorophenol	6.58	128	335122	46.271	ng	98
9) Benzaldehyde	6.35	77	182279	28.804	ng	96
10) Phenol	6.46	94	466722	47.789	ng	74
11) bis(2-Chloroethyl)ether	6.53	93	338243	44.153	ng	95
12) 1,3-Dichlorobenzene	6.73	146	350718	42.906	ng	99
13) 1,4-Dichlorobenzene	6.80	146	359731	43.095	ng	99
14) 1,2-Dichlorobenzene	6.96	146	316075	42.067	ng	98
15) Benzyl Alcohol	6.95	79	242779	41.164	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	484341	41.311	ng	# 36
17) 2-Methylphenol	7.07	107	253797	38.095	ng	# 87
18) Hexachloroethane	7.29	117	121316	41.802	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	245054	43.548	ng	# 95
20) 3+4-Methylphenols	7.22	107	354305	50.186	ng	96
22) Acetophenone	7.21	105	428840	59.007	ng	# 95
24) Nitrobenzene	7.38	77	306135	48.343	ng	98
25) Isophorone	7.62	82	670193	58.388	ng	# 92
26) 2-Nitrophenol	7.70	139	151711	55.764	ng	# 60
27) 2,4-Dimethylphenol	7.74	122	203818	44.098	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	305394	41.885	ng	# 86
29) 2,4-Dichlorophenol	7.96	162	257885	56.476	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	194673	40.399	ng	97
31) Naphthalene	8.10	128	1420530	88.590	ng	97
32) Benzoic acid	7.87	122	46572	20.435	ng	# 1
33) 4-Chloroaniline	8.17	127	151822	21.784	ng	# 91
34) Hexachlorobutadiene	8.20	225	134306	48.189	ng	98
35) Caprolactam	8.53	113	57352	36.172	ng	# 1
36) 4-Chloro-3-methylphenol	8.66	107	192837	38.423	ng	92
37) 2-Methylnaphthalene	8.81	142	1946705	186.340	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	171502	36.071	ng	98
40) Hexachlorocyclopentadiene	8.94	237	780	12.444	ng	83

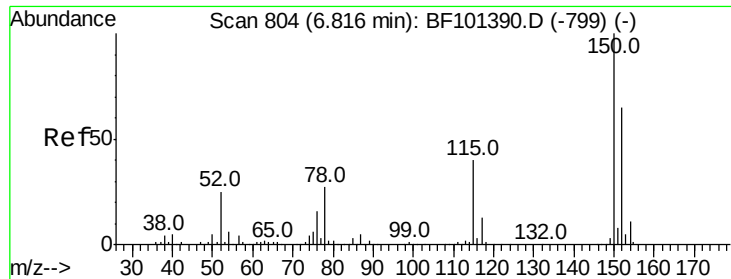
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101832.D
 Acq On : 29 Dec 2017 16:39
 Operator : SJ/JU
 Sample : I7023-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 03:04:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	79337	27.717	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	98628	31.469	nq #	55
45) 1,1'-Biphenyl	9.26	154	715550	57.295	nq	98
46) 2-Chloronaphthalene	9.29	162	310426	32.485	nq	98
47) 2-Nitroaniline	9.40	65	122572	37.131	nq	91
48) Acenaphthylene	9.71	152	487499	32.299	nq #	90
49) Dimethylphthalate	9.56	163	300268	26.509	nq #	99
50) 2,6-Dinitrotoluene	9.64	165	68767	29.870	nq #	75
51) Acenaphthene	9.88	154	335104	36.955	nq #	86
52) 3-Nitroaniline	9.81	138	72709	25.332	nq #	93
53) 2,4-Dinitrophenol	9.97	184	7778	18.769	nq #	60
54) Dibenzofuran	10.05	168	420875	36.522	nq #	71
55) 4-Nitrophenol	10.00	139	63858	51.023	nq #	49
56) 2,4-Dinitrotoluene	10.07	165	149525	57.647	nq #	94
57) Fluorene	10.40	166	486084	49.862	nq #	92
58) 2,3,4,6-Tetrachlorophenol	10.19	232	73512	32.647	nq #	95
59) Diethylphthalate	10.26	149	348948	31.108	nq	94
60) 4-Chlorophenyl-phenylether	10.38	204	158811	33.991	nq	98
61) 4-Nitroaniline	10.43	138	87067	30.179	nq	100
62) Azobenzene	10.54	77	352223	30.312	nq #	79
64) 4,6-Dinitro-2-methylphenol	10.49	198	14347	12.390	nq #	1
65) n-Nitrosodiphenylamine	10.50	169	693019	82.710	nq #	76
66) 4-Bromophenyl-phenylether	10.86	248	102947	40.376	nq	97
67) Hexachlorobenzene	10.96	284	99104	36.725	nq	92
68) Atrazine	11.02	200	116094	46.468	nq	92
69) Pentachlorophenol	11.16	266	56805	56.251	nq	96
70) Phenanthrene	11.36	178	884250	70.071	nq	98
71) Anthracene	11.36	178	883334	68.527	nq	97
72) Carbazole	11.57	167	444242	36.810	nq	96
73) Di-n-butylphthalate	11.87	149	590318	40.300	nq	100
74) Fluoranthene	12.54	202	597553	45.113	nq	97
76) Benzidine	12.66	184	273740	25.754	nq	97
77) Pyrene	12.77	202	630903	33.404	nq	99
79) Butylbenzylphthalate	13.36	149	292690	34.249	nq #	94
80) Benzo(a)anthracene	13.96	228	616203	37.082	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	186139	34.353	nq	96
82) Chrysene	14.00	228	606710	38.669	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	386345	35.692	nq	99
84) Di-n-octyl phthalate	14.52	149	739480	38.307	nq	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	615058	44.021	nq	97
87) Benzo(b)fluoranthene	15.01	252	623750	34.531	nq	99
88) Benzo(k)fluoranthene	15.04	252	641282	36.514	nq	97
89) Benzo(a)pyrene	15.38	252	617465	37.081	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	533421	37.310	nq	95
91) Benzo(g,h,i)perylene	17.37	276	508682	35.931	nq	96

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

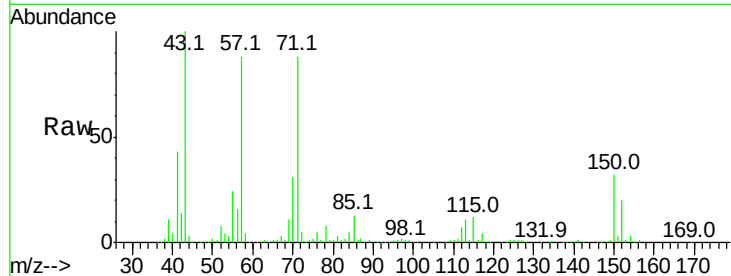


#1

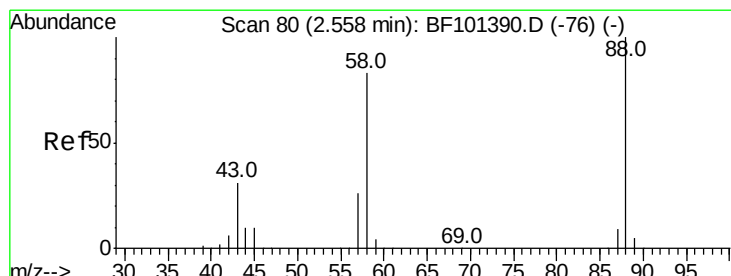
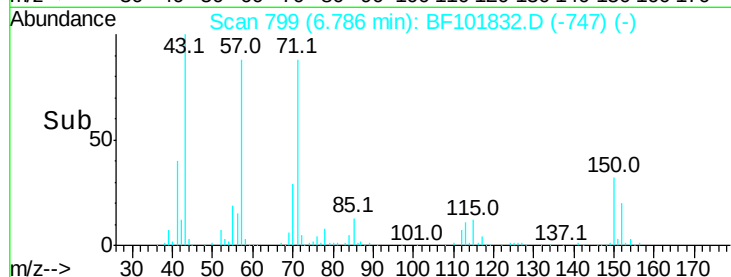
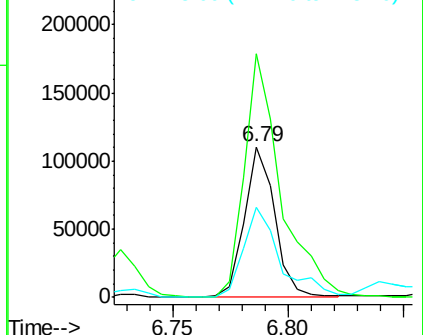
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	60.1	50.1	75.1



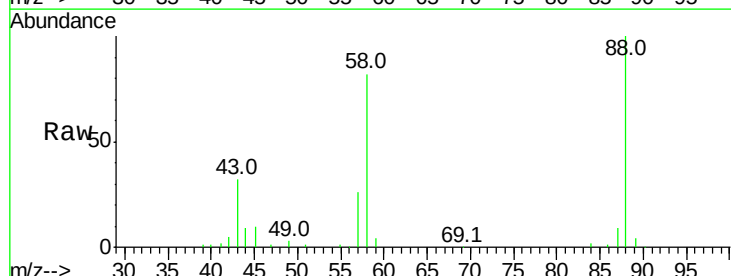
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



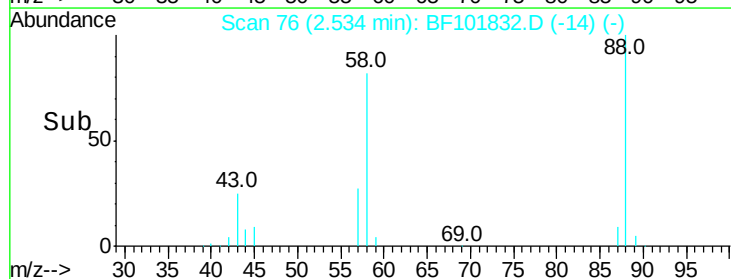
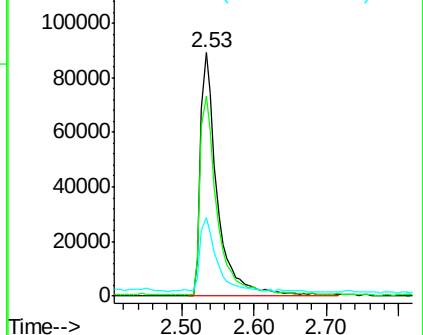
#2

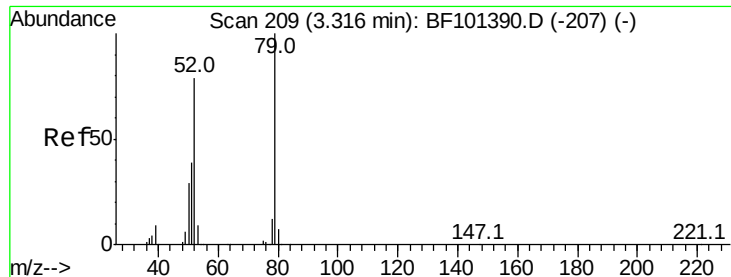
1,4-Dioxane
Concen: 41.144 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.6	93.8
43	30.1	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

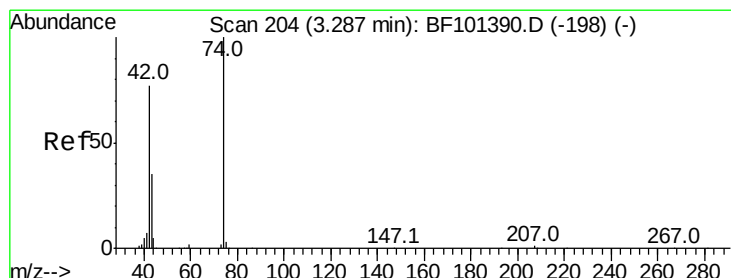
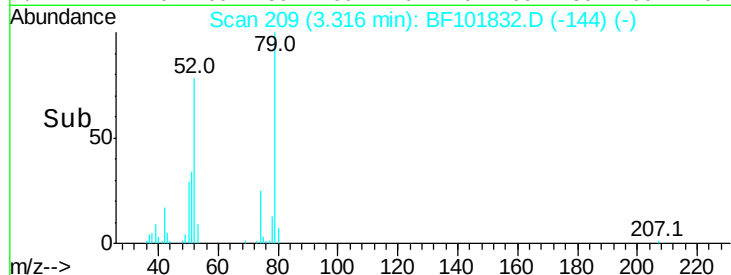
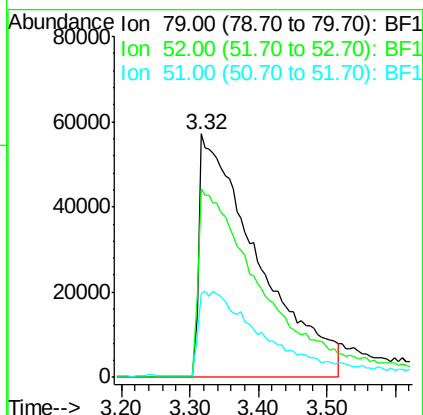
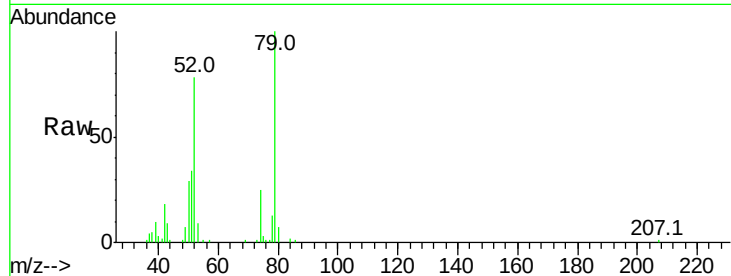




#3
 Pvridine
 Concen: 34.590 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.08 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

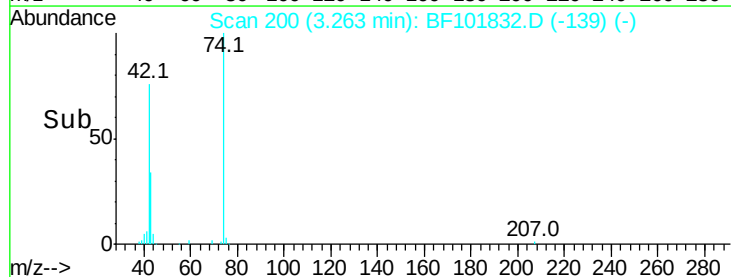
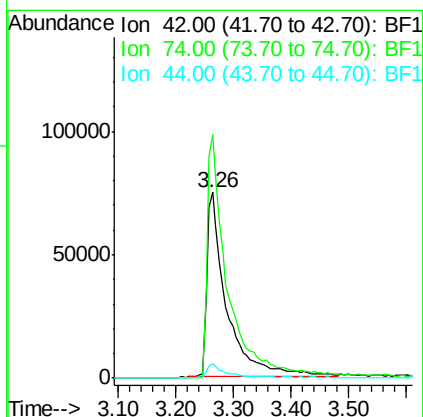
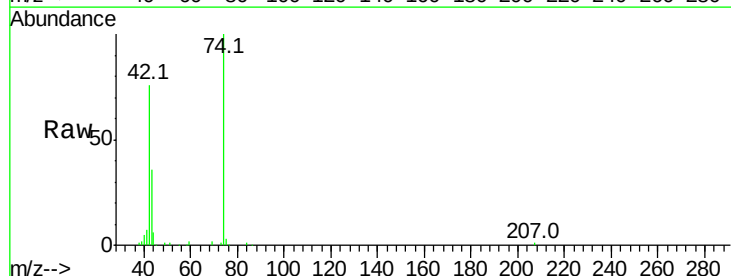
Instrument :
 BNA_F
 ClientSampleId :

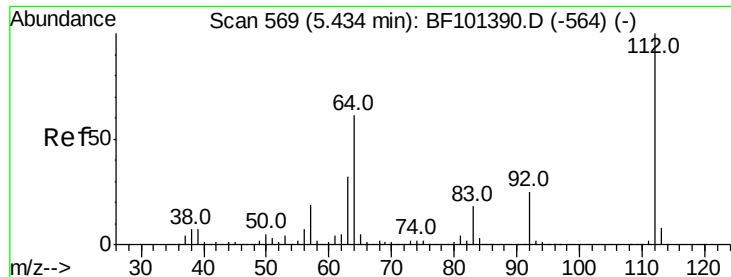
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	77.6	59.8	89.6	
51	34.5	29.8	44.8	



#4
 n-Nitrosodimethylamine
 Concen: 40.477 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.06 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	131.2	104.9	157.3	
44	7.6	6.9	10.3	





#5

2-Fluorophenol

Concen: 161.413 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

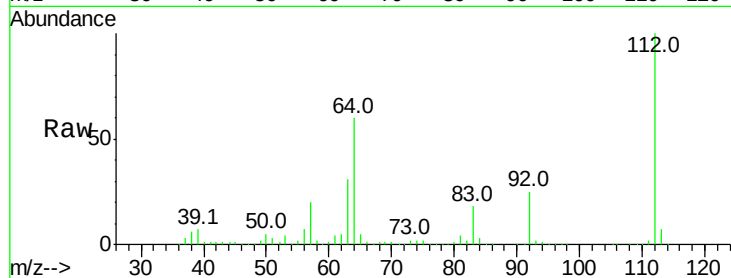
Tot Ion:112 Resp: 1111332

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

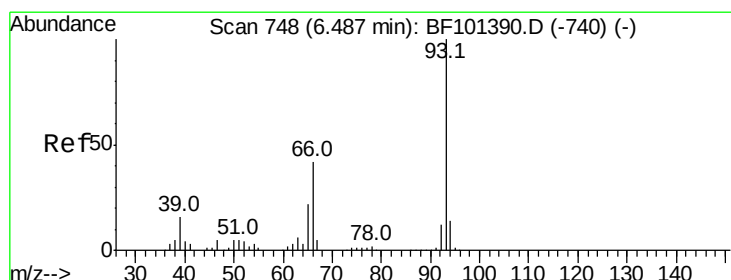
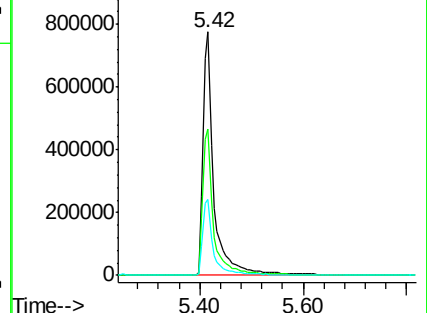
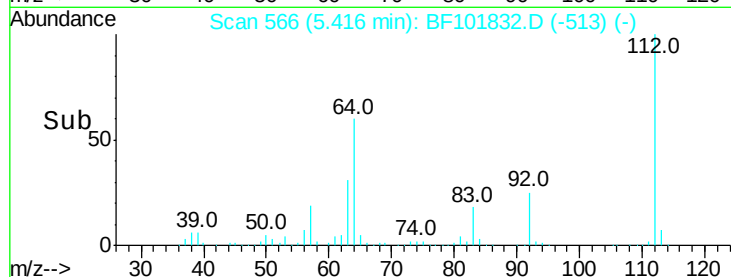
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.794 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

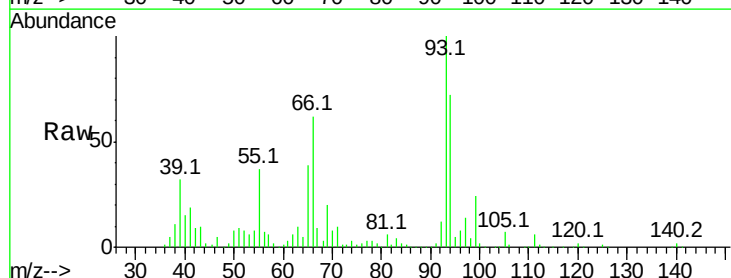
Tgt Ion: 93 Resp: 330966

Ion Ratio Lower Upper

93 100

66 61.7 32.2 48.2#

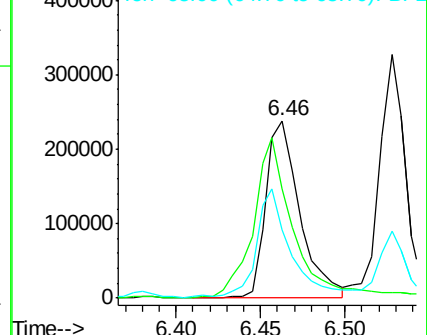
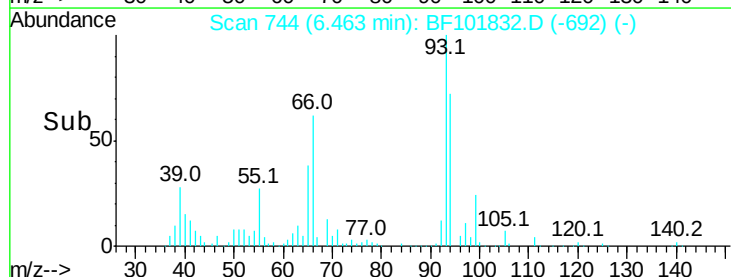
65 38.6 16.4 24.6#

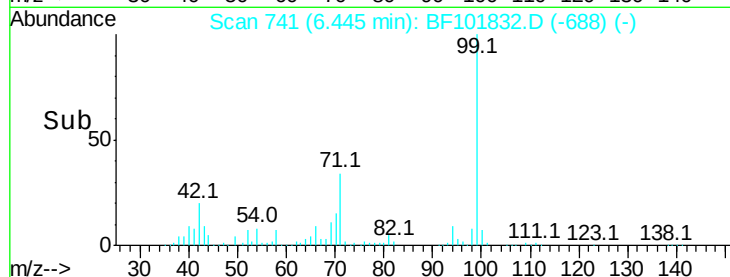
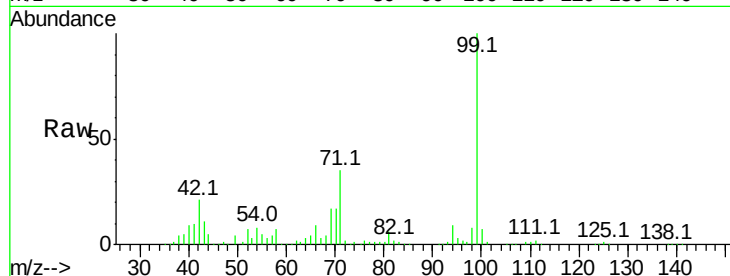
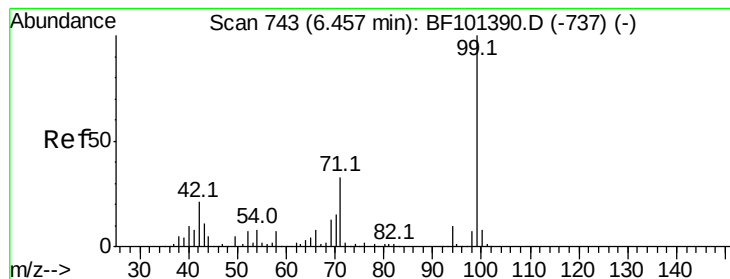


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.794 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

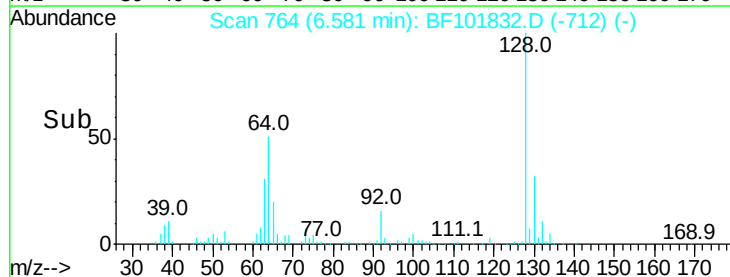
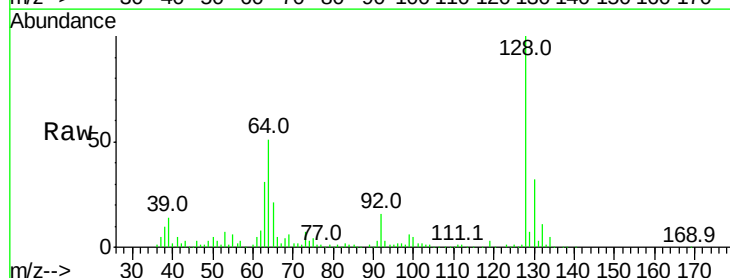
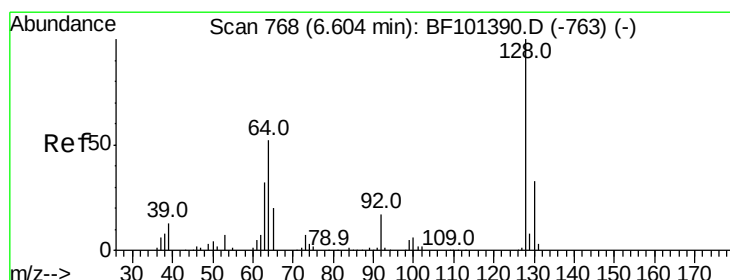
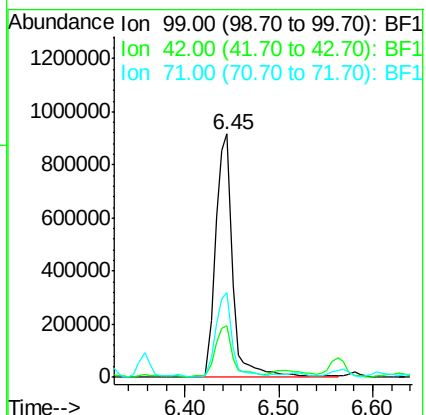
Tot Ion: 99 Resp: 1172142

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 34.6 25.4 38.0



#8

2-Chlorophenol

Concen: 46.271 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

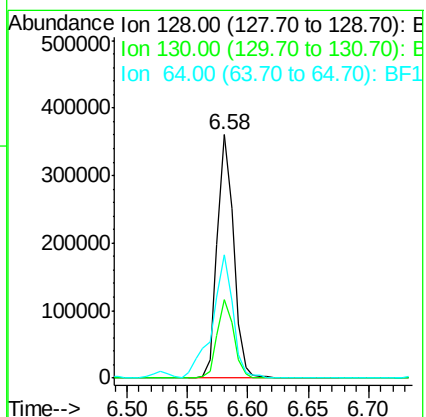
Tgt Ion:128 Resp: 335122

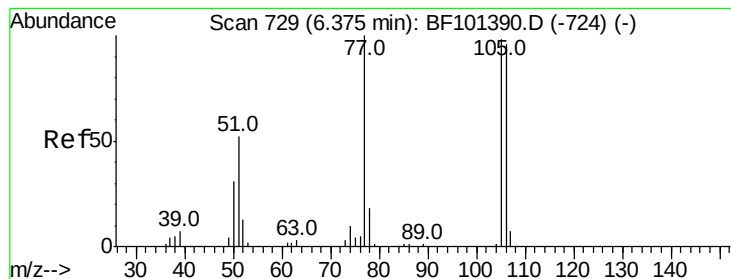
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 50.6 29.4 69.4





#9

Benzaldehyde

Concen: 28.804 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

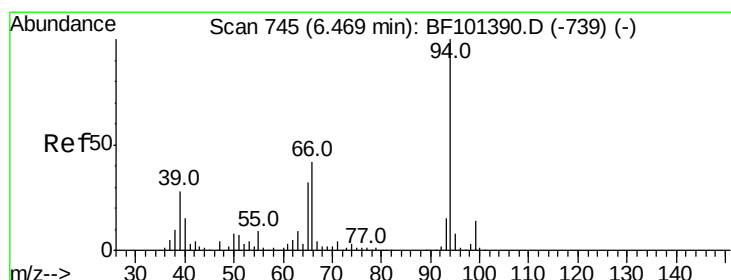
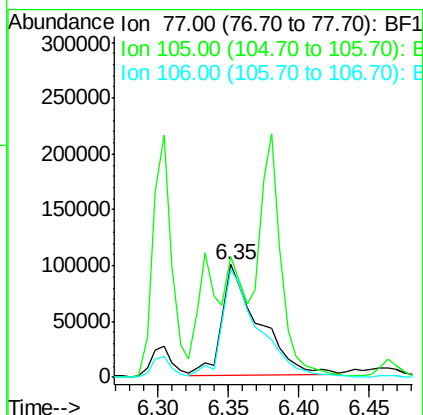
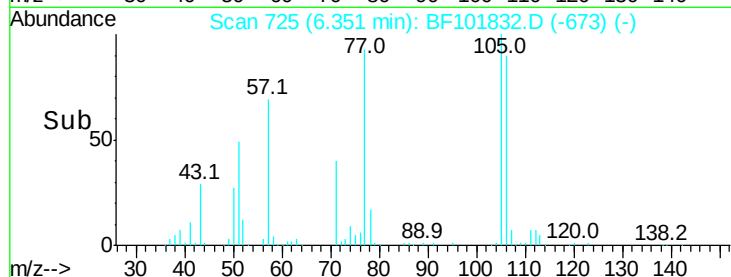
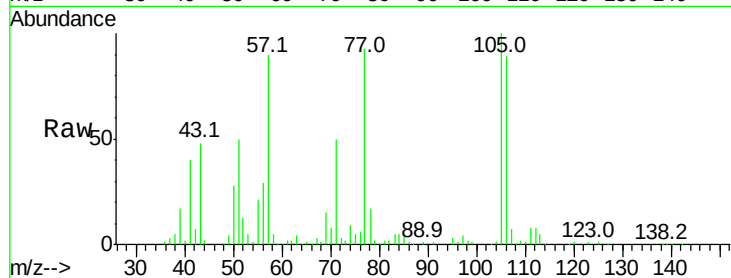
Tot Ion: 77 Resp: 182279

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

106 95.4 74.5 114.5



#10

Phenol

Concen: 47.789 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

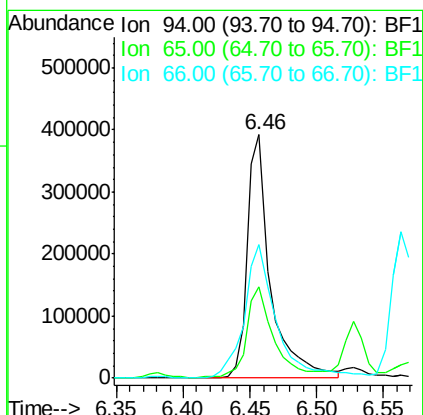
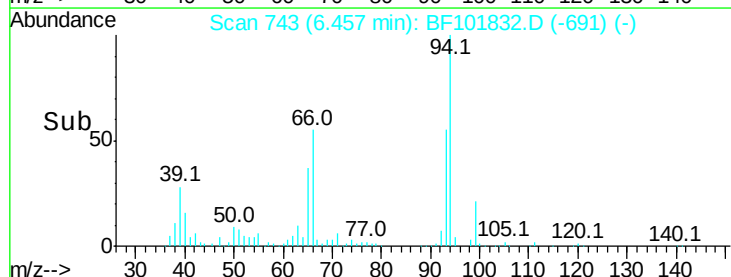
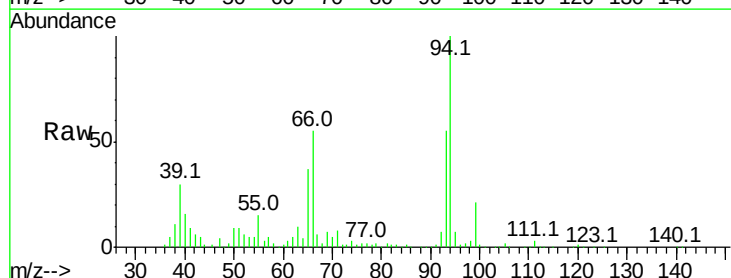
Tgt Ion: 94 Resp: 466722

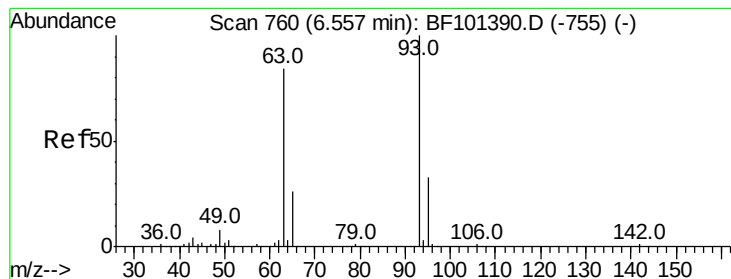
Ion Ratio Lower Upper

94 100

65 37.5 7.9 47.9

66 55.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 44.153 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

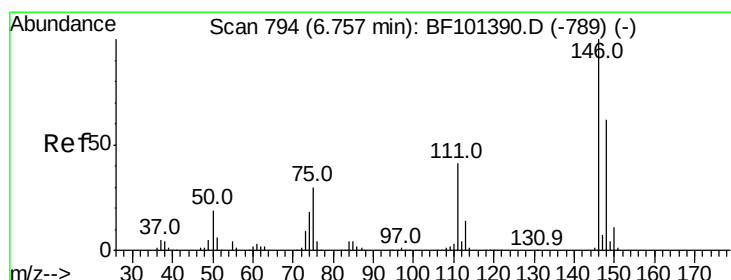
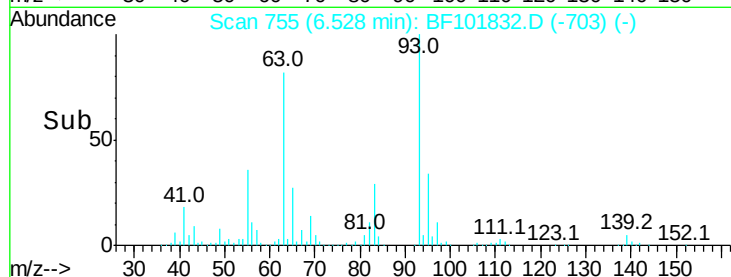
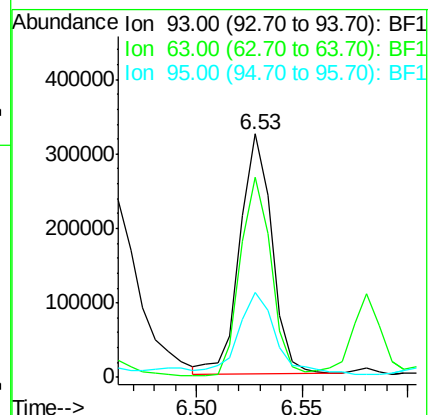
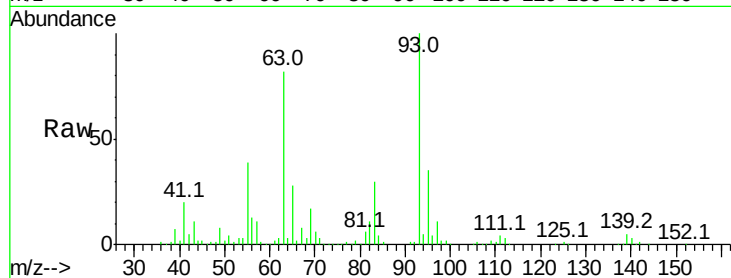
Tot Ion: 93 Resp: 338243

Ion Ratio Lower Upper

93 100

63 82.4 58.6 98.6

95 34.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.906 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

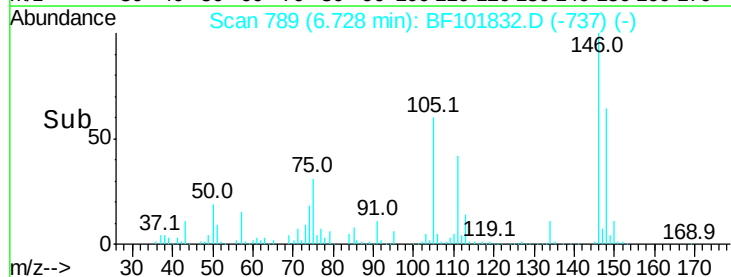
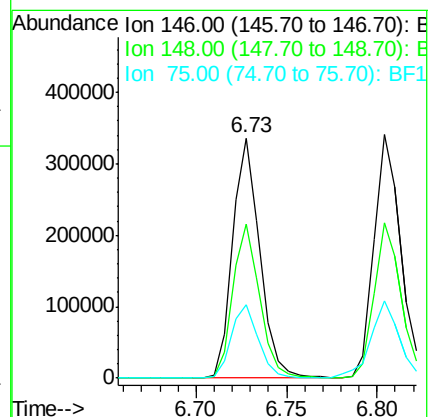
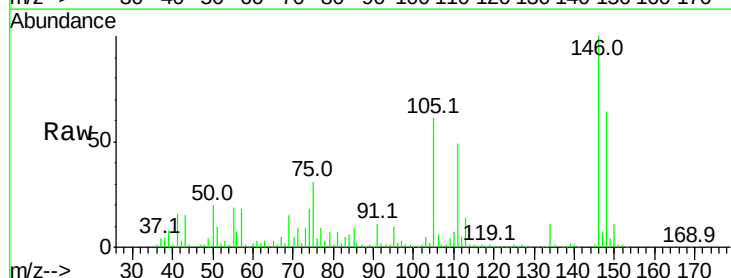
Tgt Ion: 146 Resp: 350718

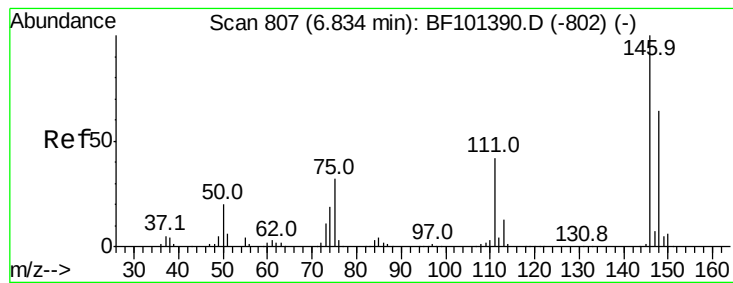
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

75 30.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 43.095 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

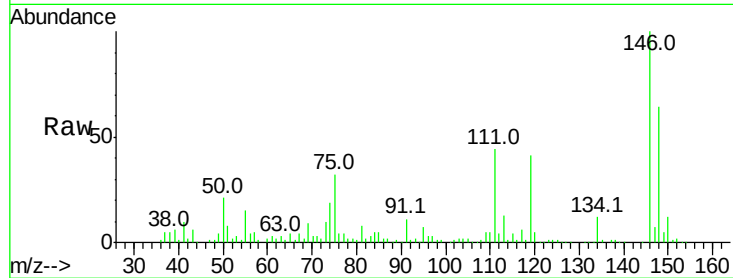
Tot Ion:146 Resp: 359731

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

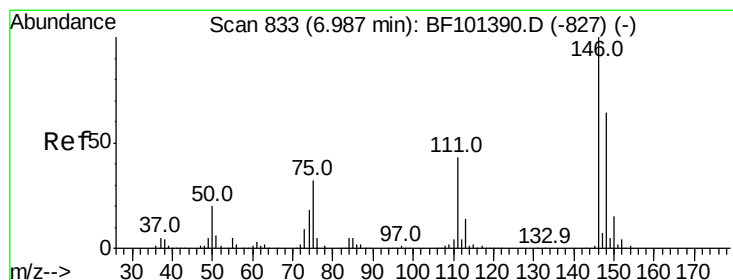
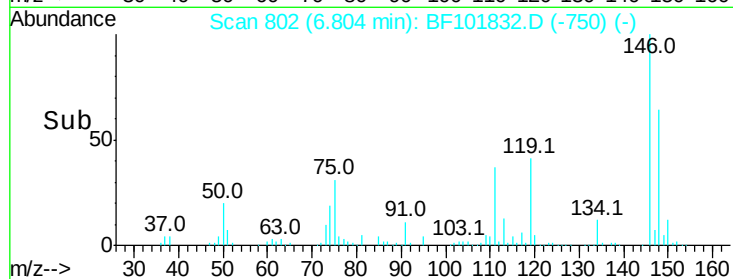
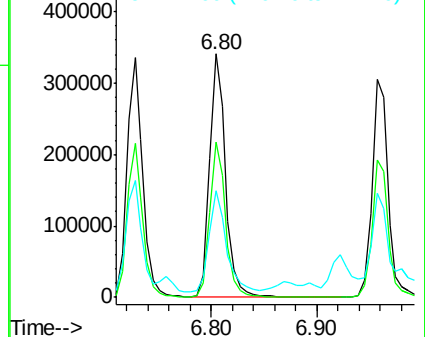
111 43.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.067 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

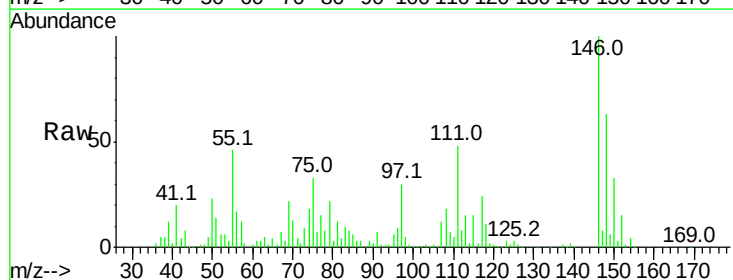
Tgt Ion:146 Resp: 316075

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

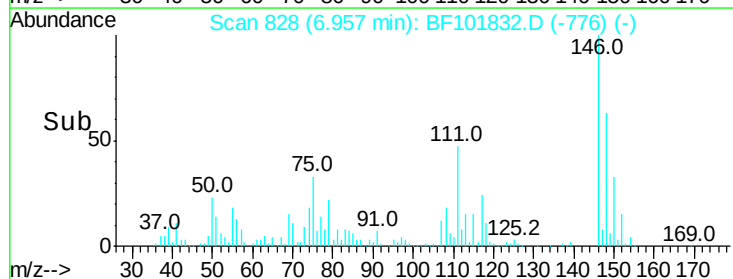
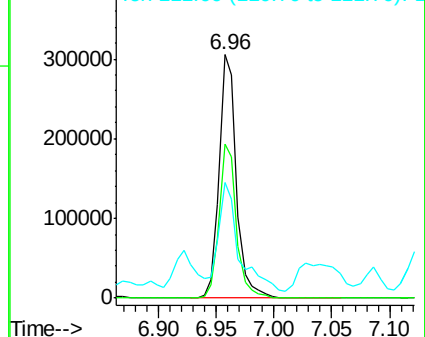
111 47.7 36.0 54.0

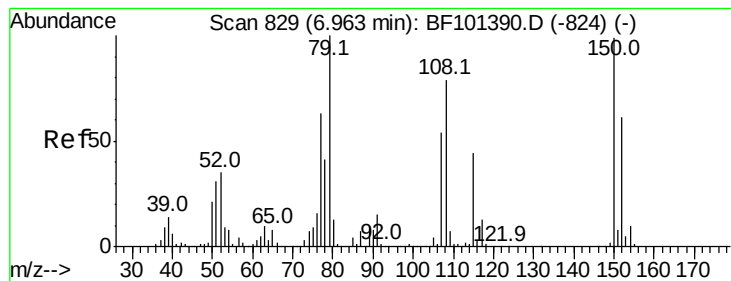


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.164 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

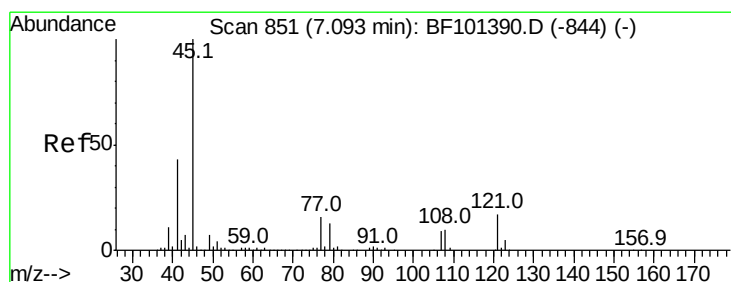
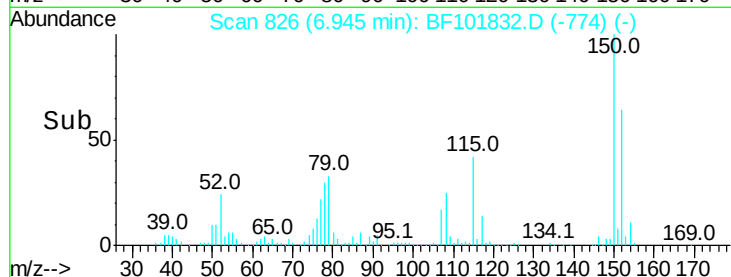
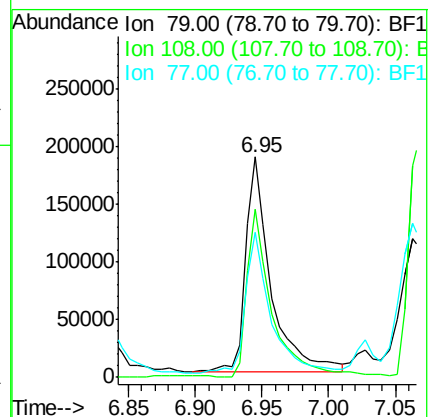
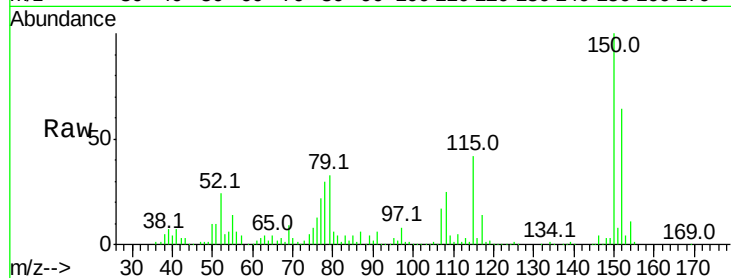
Tot Ion: 79 Resp: 242779

Ion Ratio Lower Upper

79 100

108 76.2 65.1 97.7

77 65.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.311 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

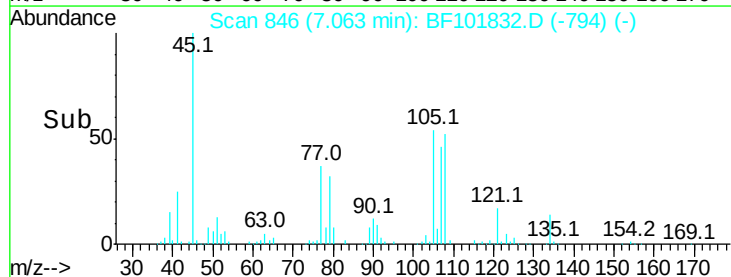
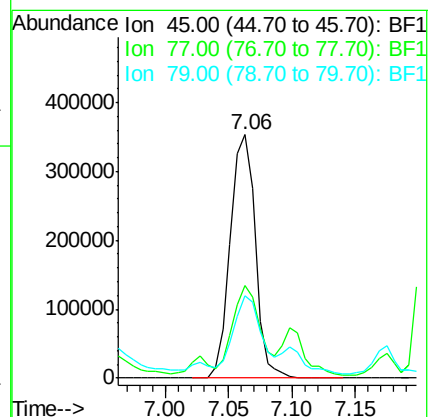
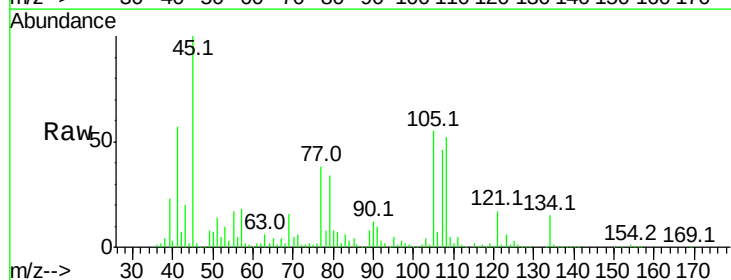
Tgt Ion: 45 Resp: 484341

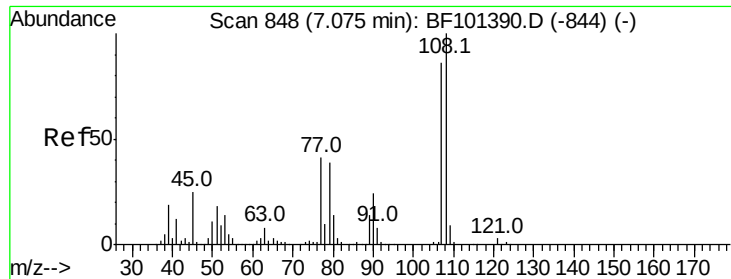
Ion Ratio Lower Upper

45 100

77 37.8 0.0 32.9#

79 34.0 0.0 29.6#

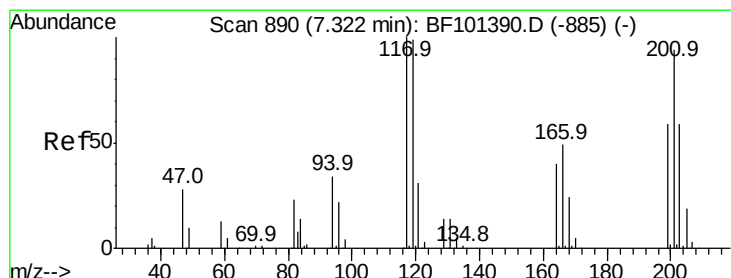
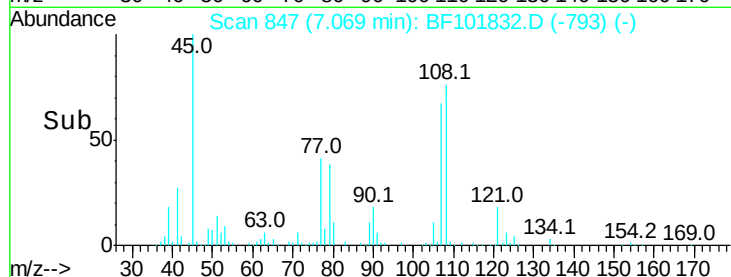
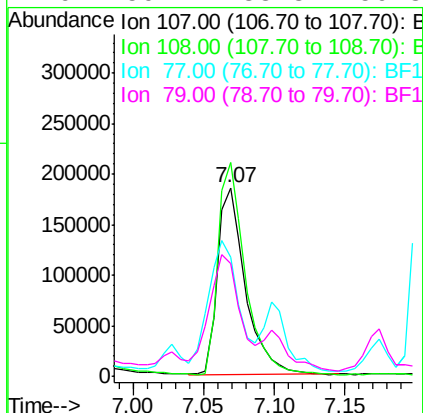
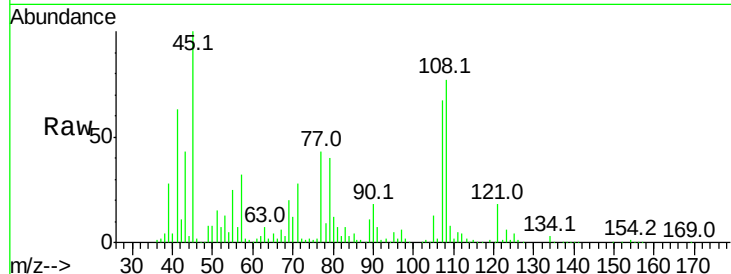




#17
2-Methylphenol
Concen: 38.095 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

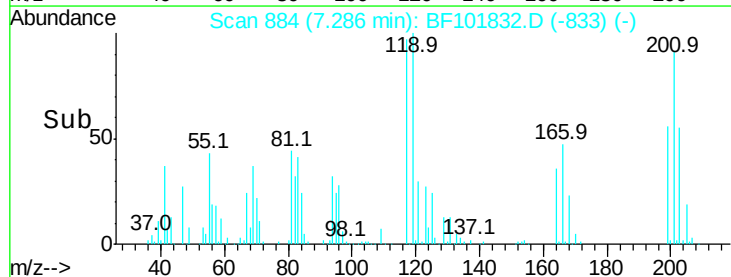
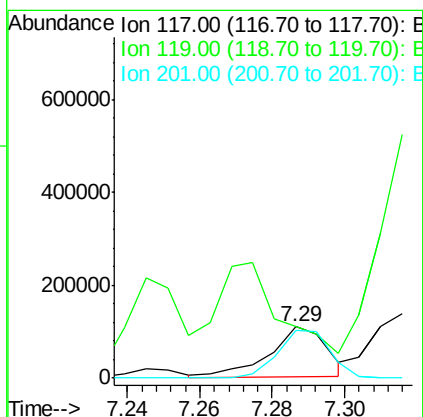
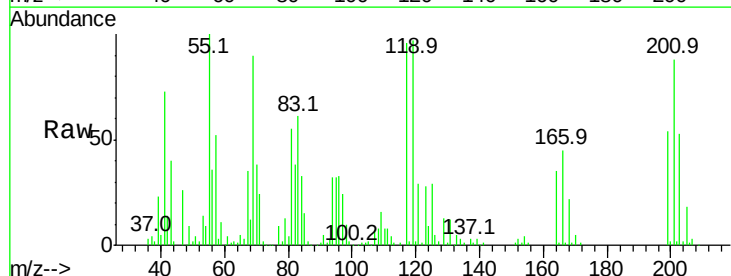
Instrument :
BNA_F
ClientSampled :

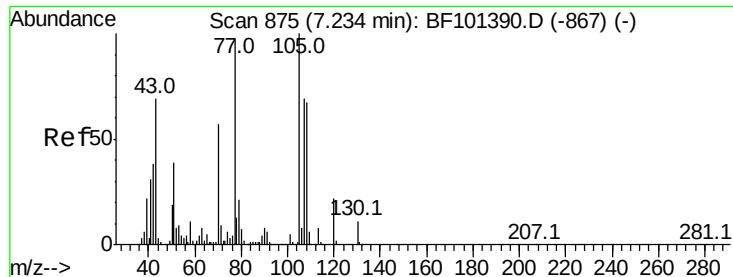
Tot Ion:107 Resp: 253797
Ion Ratio Lower Upper
107 100
108 113.5 91.7 137.5
77 63.4 33.8 50.8#
79 59.7 33.8 50.8#



#18
Hexachloroethane
Concen: 41.802 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:117 Resp: 121316
Ion Ratio Lower Upper
117 100
119 101.2 75.8 113.8
201 92.2 75.7 113.5

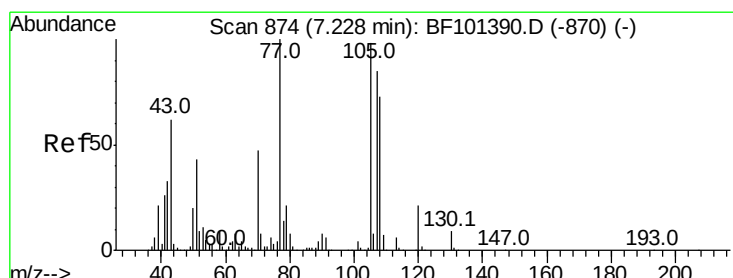
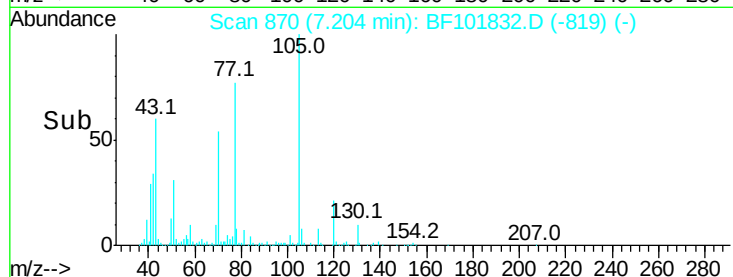
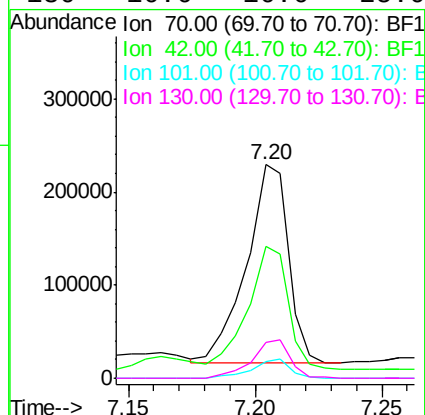
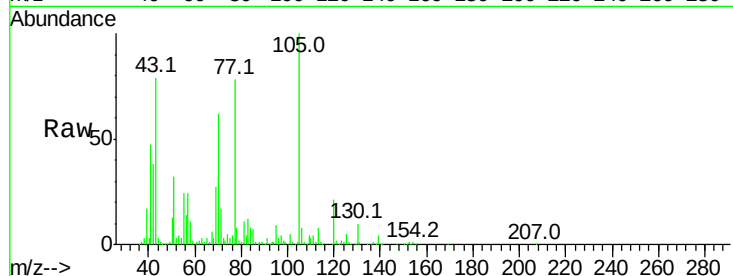




#19
n-Nitroso-di-n-propylamine
Concen: 43.548 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

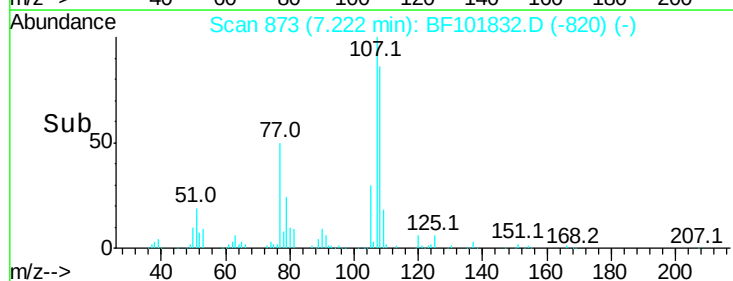
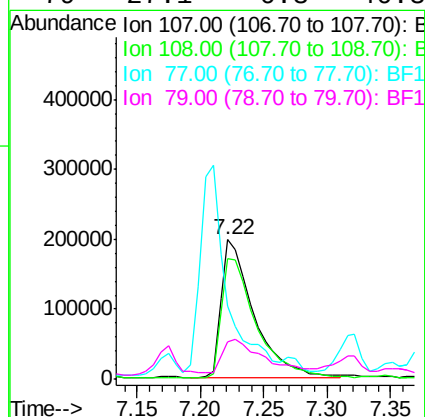
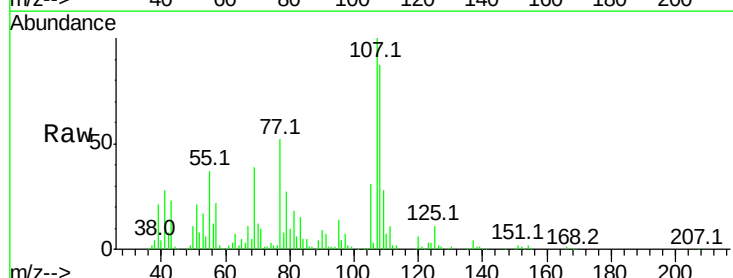
Instrument :
BNA_F
ClientSampleId :

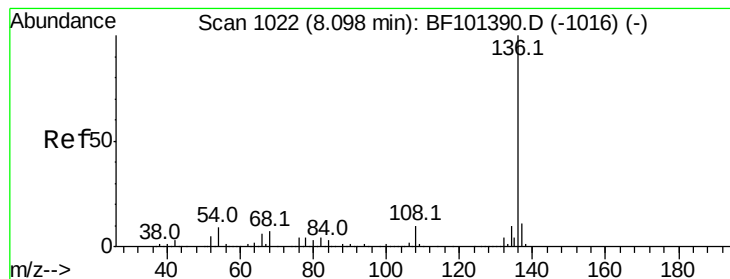
Tot Ion: 70 Resp: 245054
Ion Ratio Lower Upper
70 100
42 62.0 47.5 71.3
101 7.6 7.4 11.2
130 16.6 16.6 25.0#



#20
3+4-Methylphenols
Concen: 50.186 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:107 Resp: 354305
Ion Ratio Lower Upper
107 100
108 86.6 68.2 108.2
77 52.3 26.7 66.7
79 27.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 318509

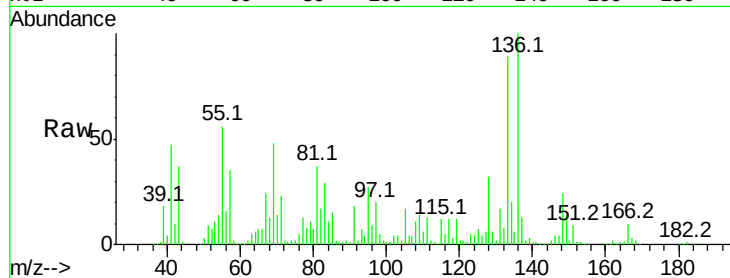
Ion Ratio Lower Upper

136 100

137 13.4 8.9 13.3#

54 13.7 6.6 9.8#

68 13.0 5.0 7.4#

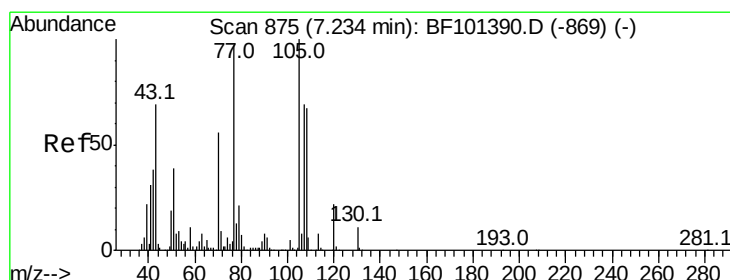
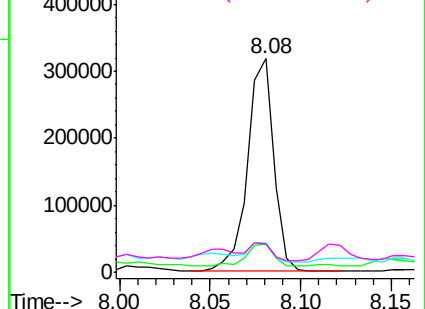
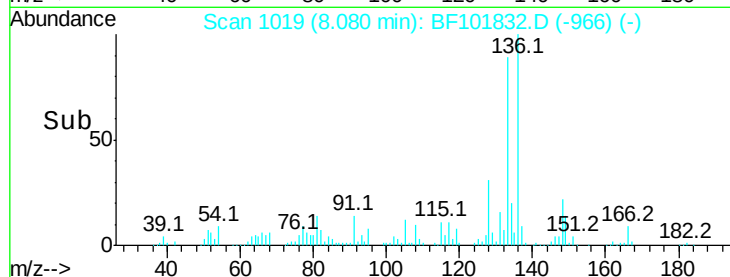


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.007 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:105 Resp: 428840

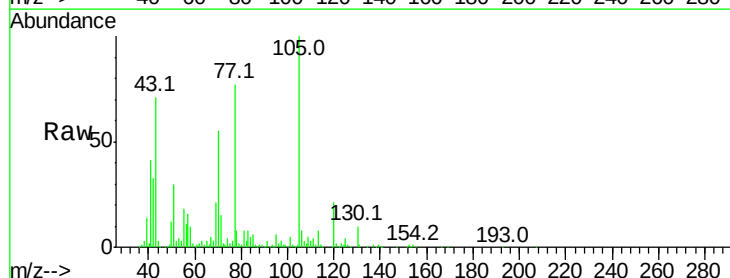
Ion Ratio Lower Upper

105 100

71 15.2 4.4 6.6#

51 29.5 22.3 33.5

120 21.5 16.9 25.3

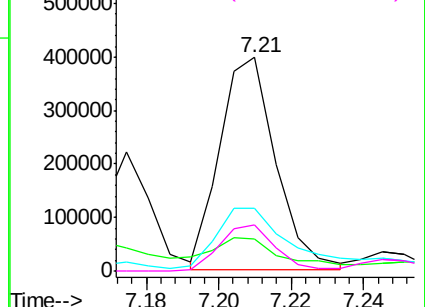
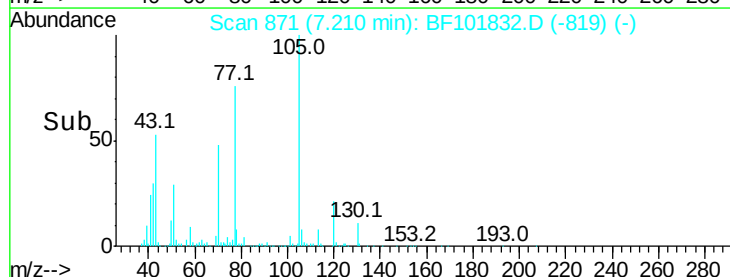


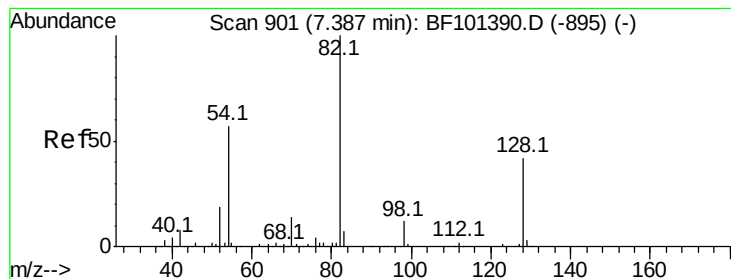
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 120.793 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

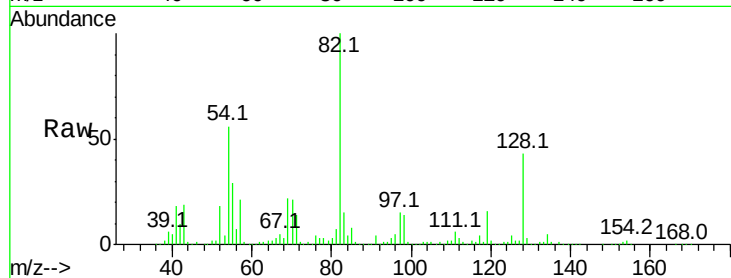
Tot Ion: 82 Resp: 691156

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

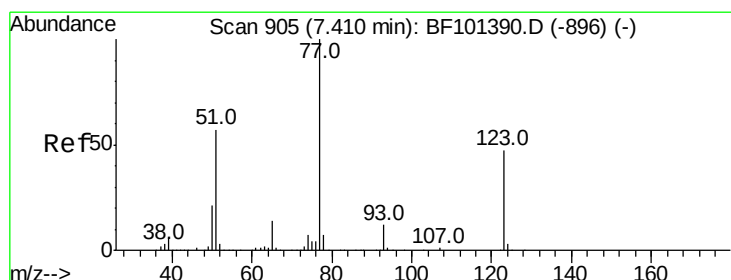
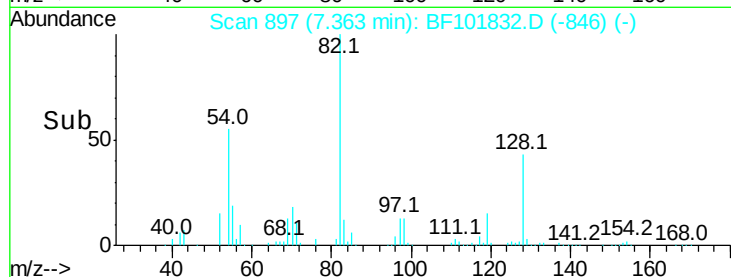
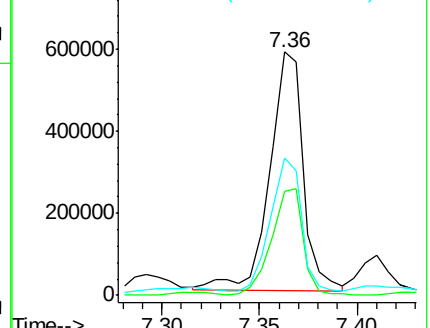
54 56.4 41.4 62.2



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: 48.343 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

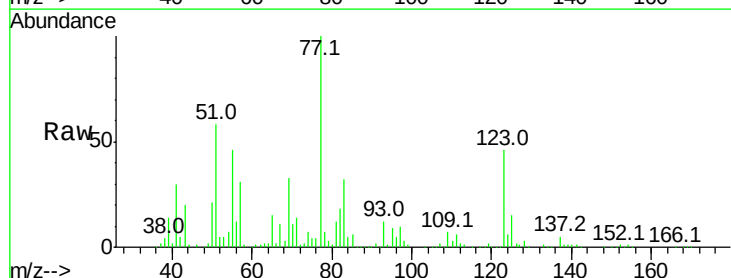
Tgt Ion: 77 Resp: 306135

Ion Ratio Lower Upper

77 100

123 46.4 37.9 56.9

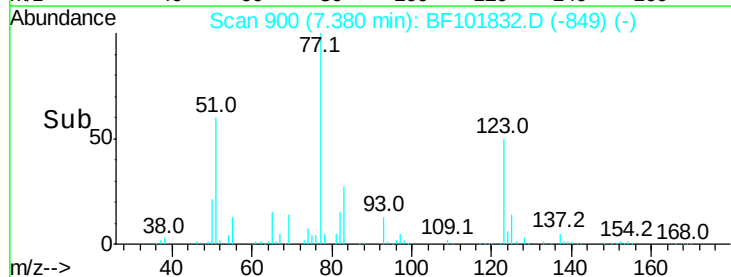
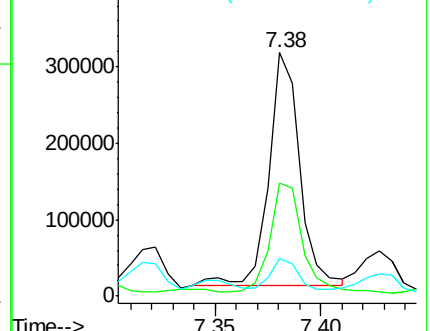
65 15.4 11.0 16.4

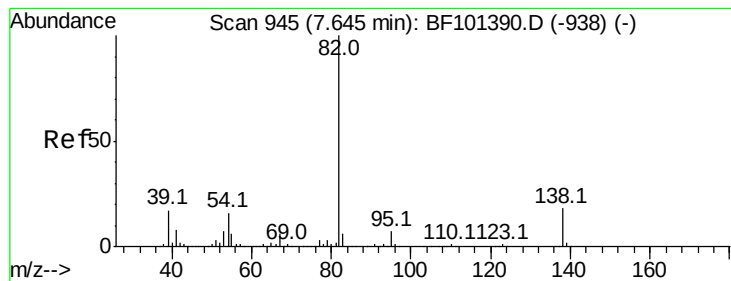


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 58.388 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

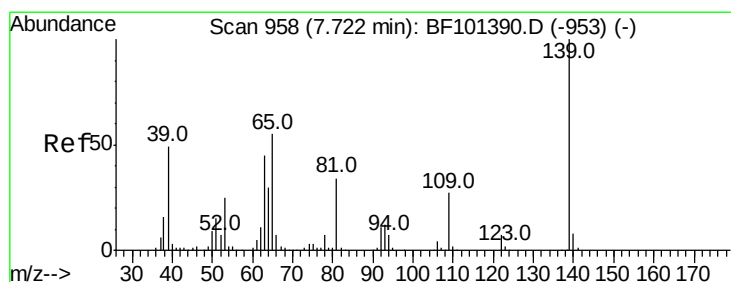
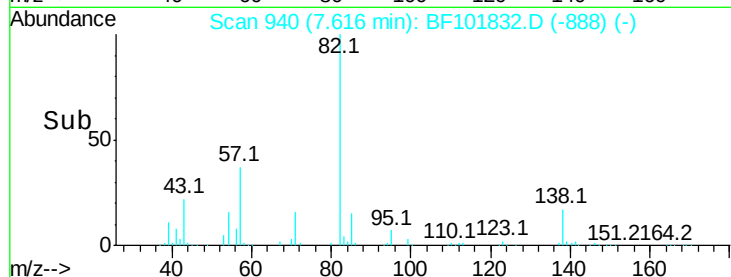
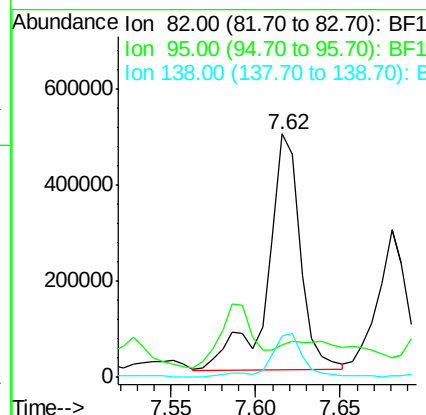
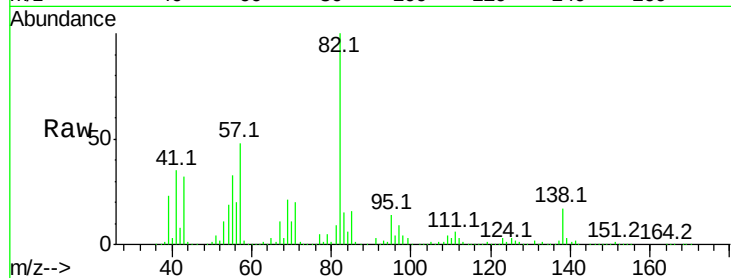
Tot Ion: 82 Resp: 670193

Ion Ratio Lower Upper

82 100

95 13.6 5.2 7.8#

138 17.1 14.9 22.3



#26

2-Nitrophenol

Concen: 55.764 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

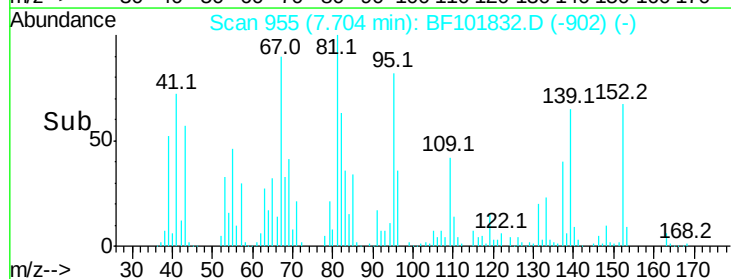
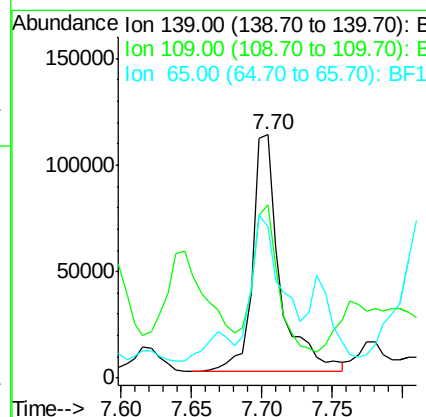
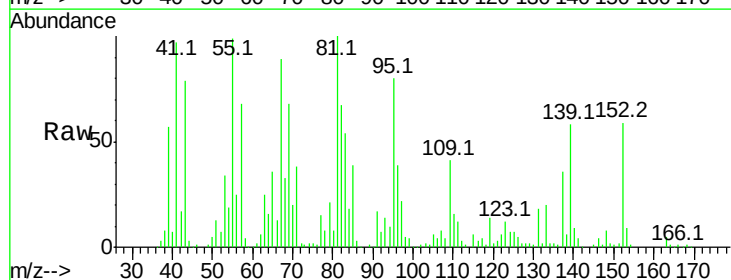
Tgt Ion: 139 Resp: 151711

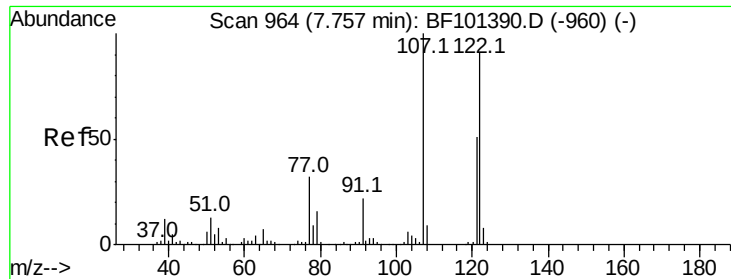
Ion Ratio Lower Upper

139 100

109 71.1 22.7 34.1#

65 62.2 40.5 60.7#

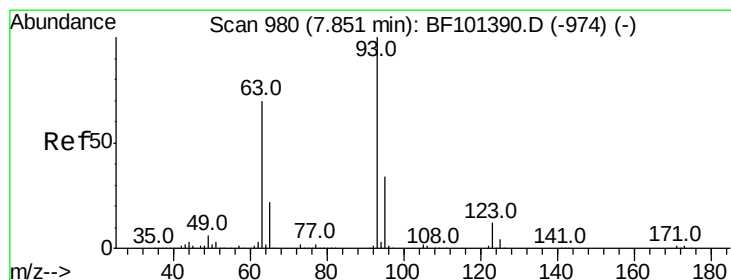
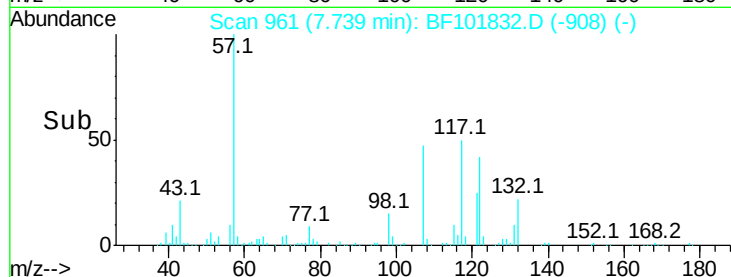
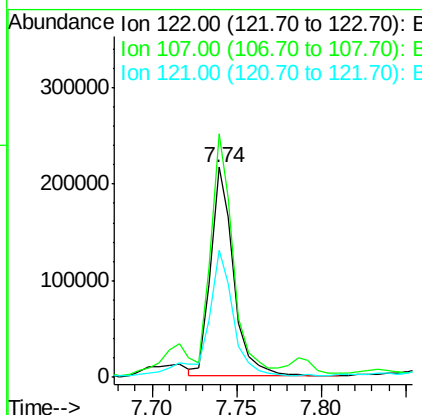
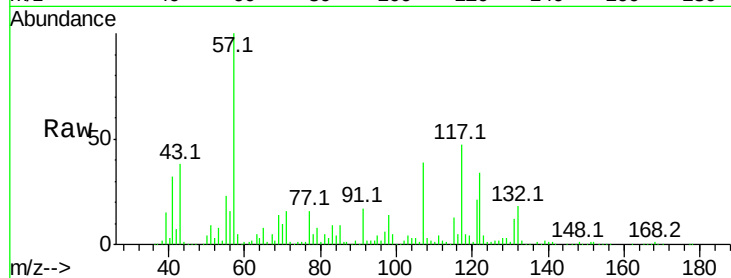




#27
2,4-Dimethylphenol
Concen: 44.098 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

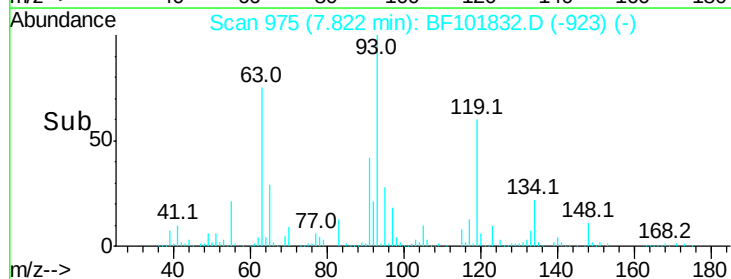
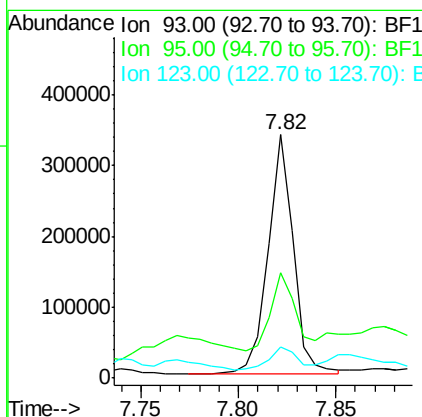
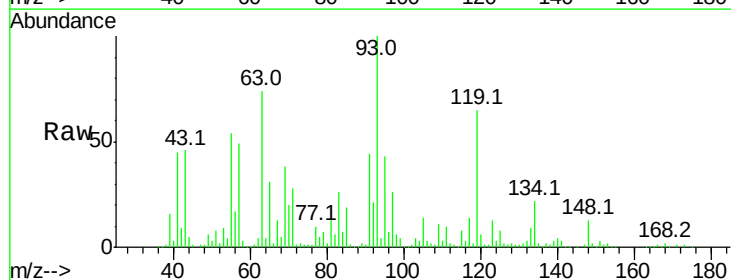
Instrument :
BNA_F
ClientSampleId :

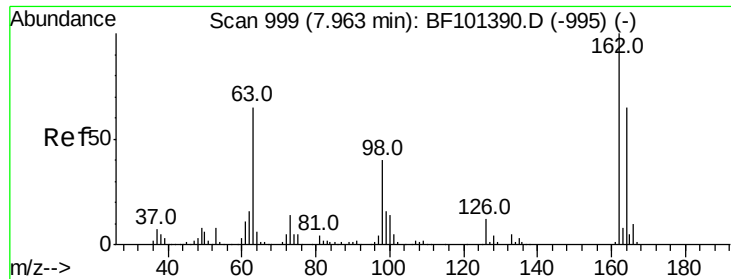
Tot Ion:122 Resp: 203818
Ion Ratio Lower Upper
122 100
107 116.0 91.2 136.8
121 60.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.885 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion: 93 Resp: 305394
Ion Ratio Lower Upper
93 100
95 43.2 26.3 39.5#
123 12.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 56.476 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

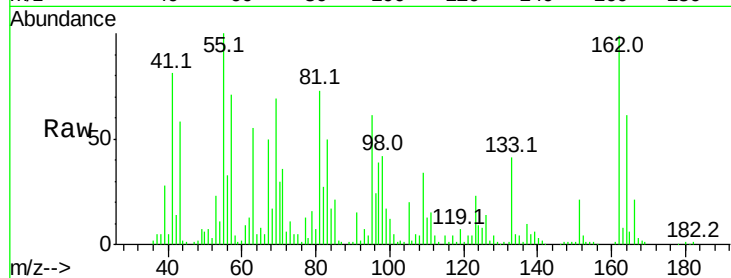
Tot Ion:162 Resp: 257885

Ion Ratio Lower Upper

162 100

164 61.8 42.7 82.7

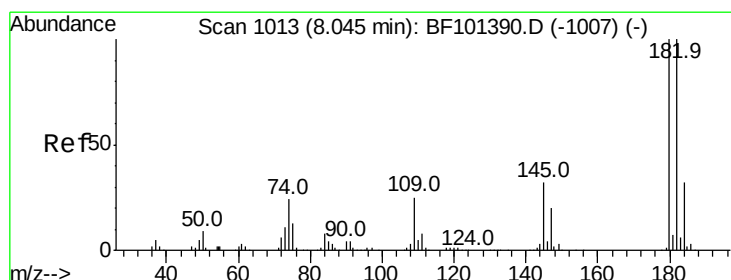
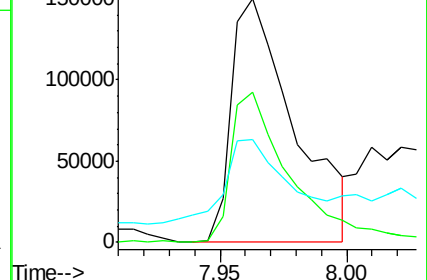
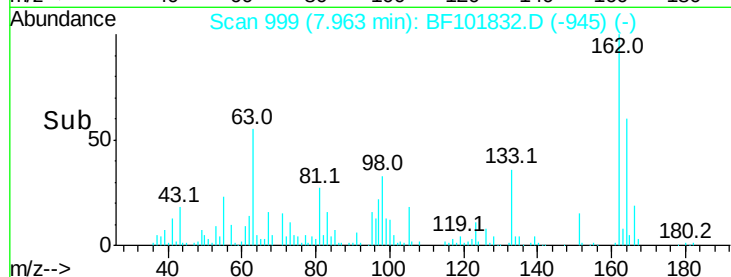
98 42.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.399 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

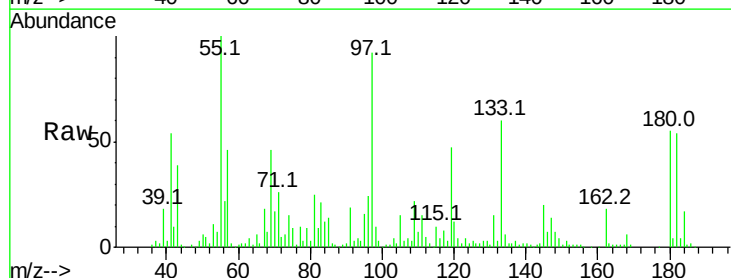
Tgt Ion:180 Resp: 194673

Ion Ratio Lower Upper

180 100

182 98.2 76.8 115.2

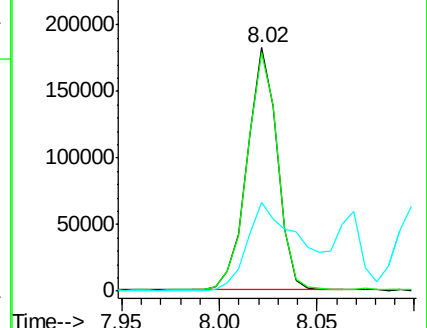
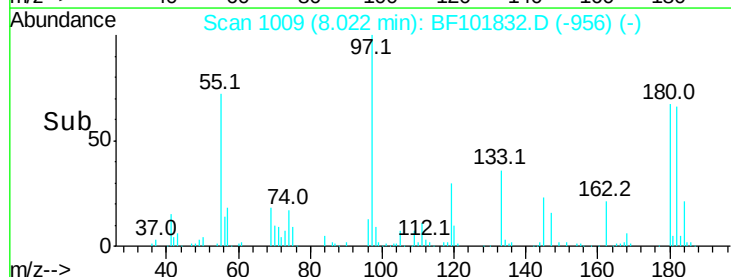
145 36.3 26.5 39.7

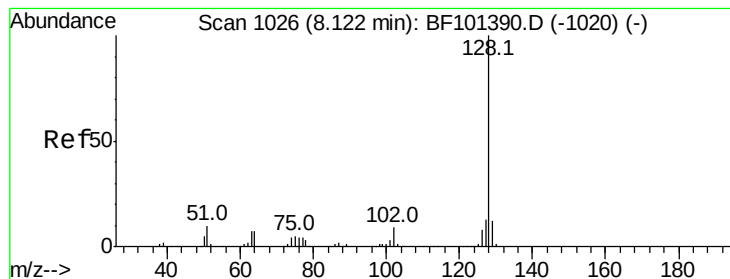


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 88.590 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

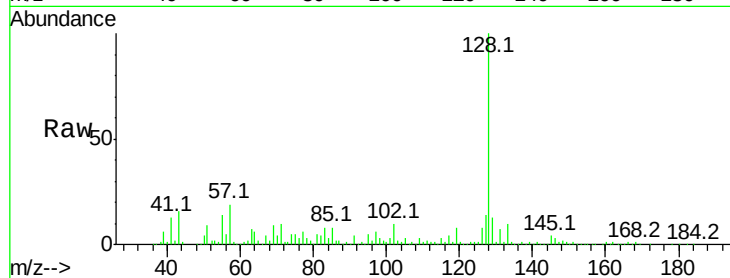
Tot Ion:128 Resp: 1420530

Ion Ratio Lower Upper

128 100

129 12.7 8.8 13.2

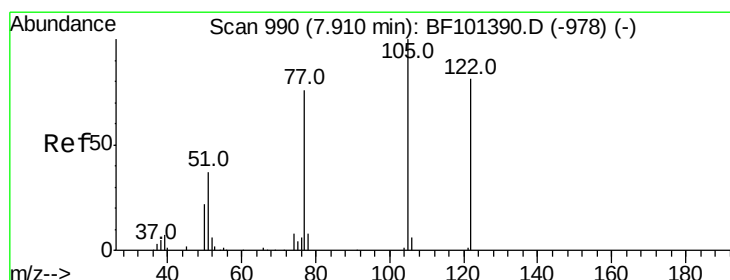
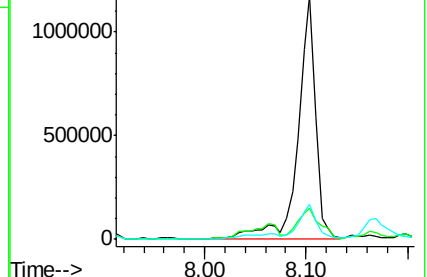
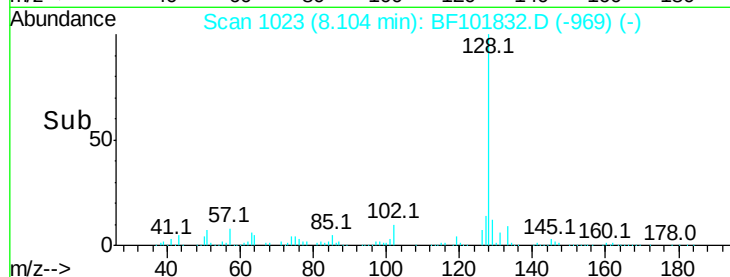
127 14.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.435 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

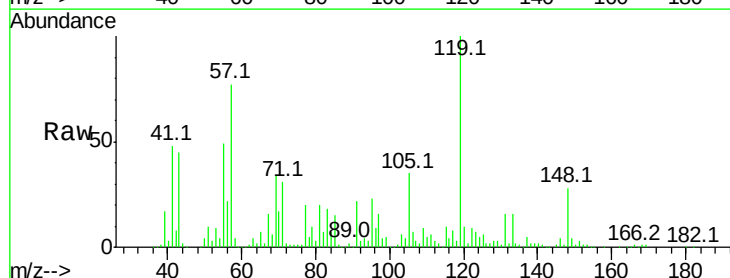
Tgt Ion:122 Resp: 46572

Ion Ratio Lower Upper

122 100

105 375.2 101.1 141.1#

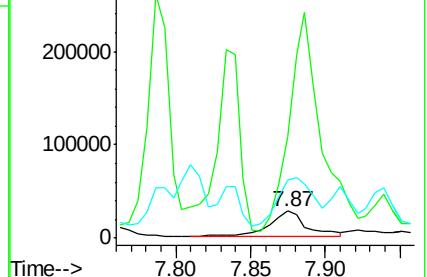
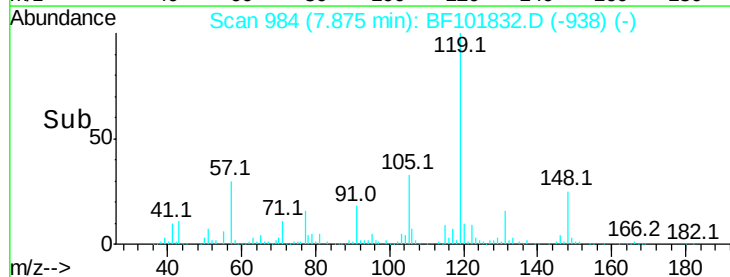
77 215.7 70.7 110.7#

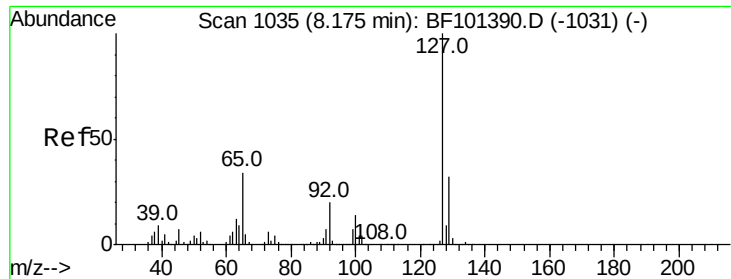


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

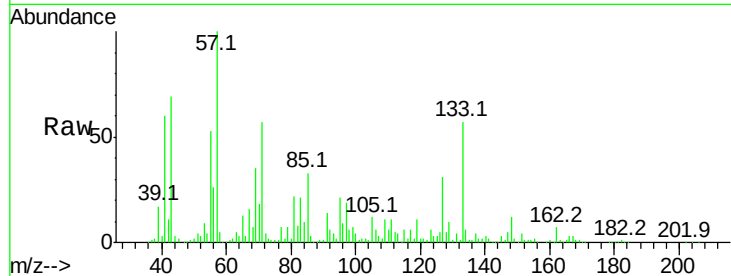




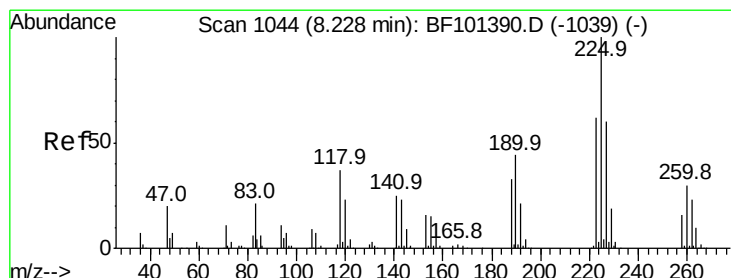
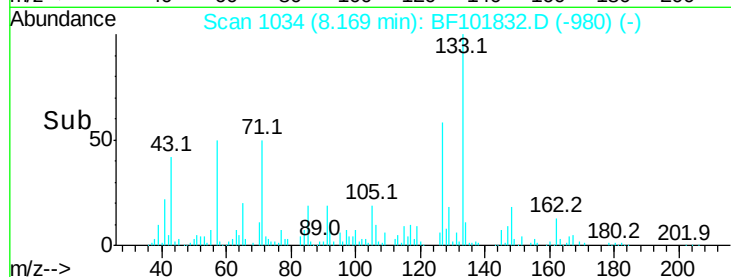
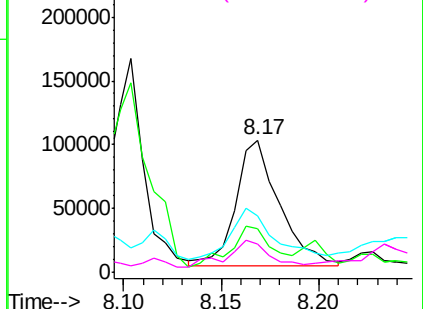
#33
4-Chloroaniline
Concen: 21.784 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	151822
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	42.9	25.0	37.4
92	20.9	15.2	22.8

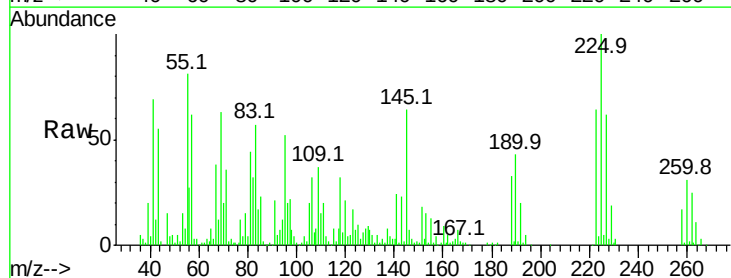


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

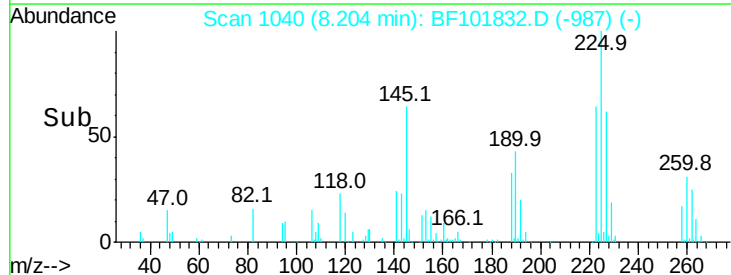
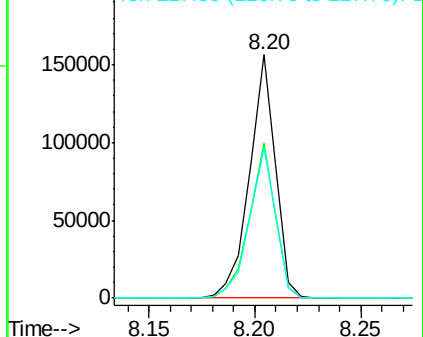


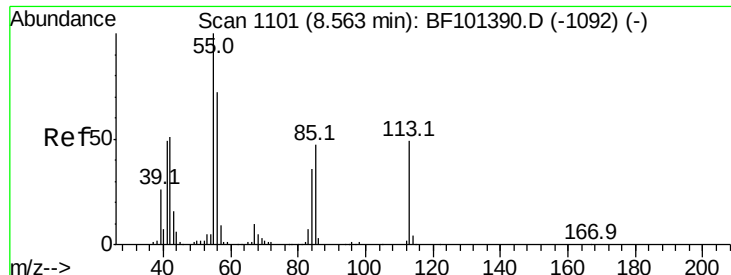
#34
Hexachlorobutadiene
Concen: 48.189 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:	225	Resp:	134306
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	61.9	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: 36.172 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

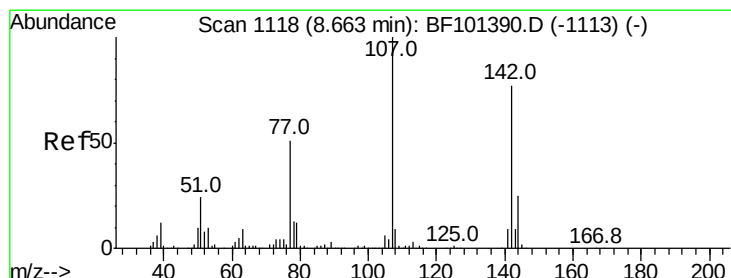
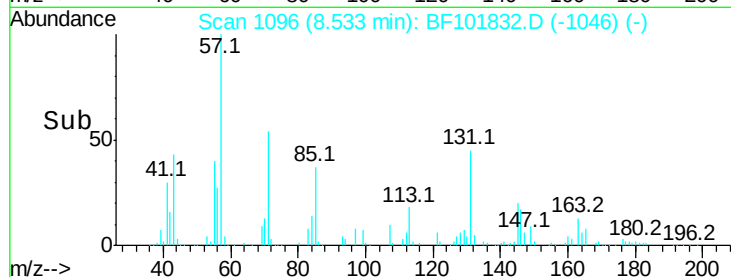
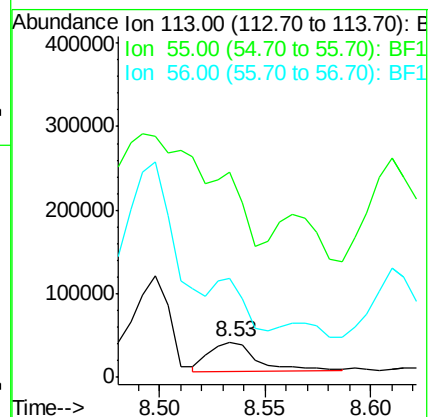
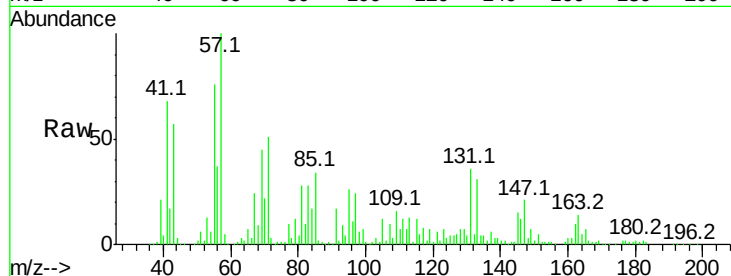
Tot Ion:113 Resp: 57352

Ion Ratio Lower Upper

113 100

55 588.0 163.3 203.3#

56 284.4 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 38.423 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

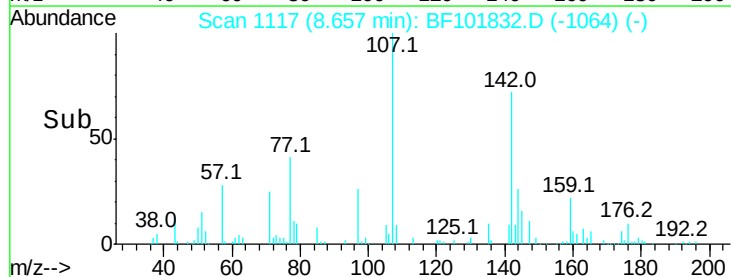
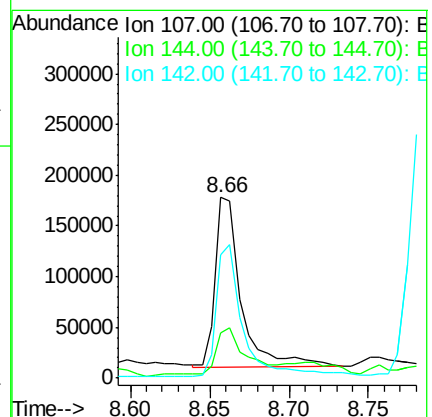
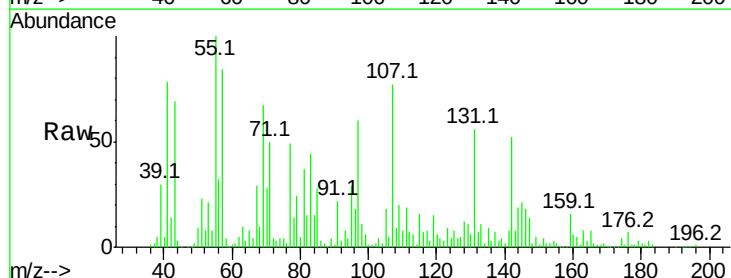
Tgt Ion:107 Resp: 192837

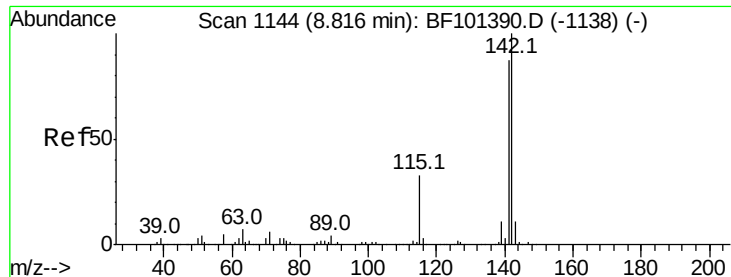
Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

142 68.3 62.0 93.0

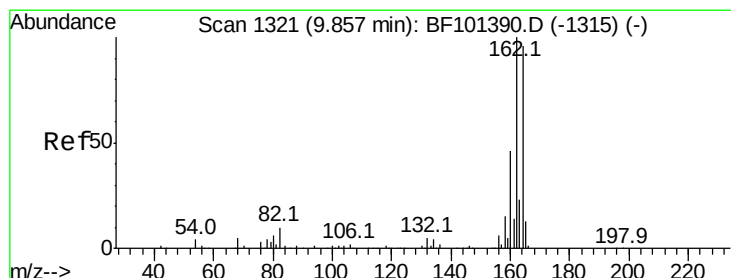
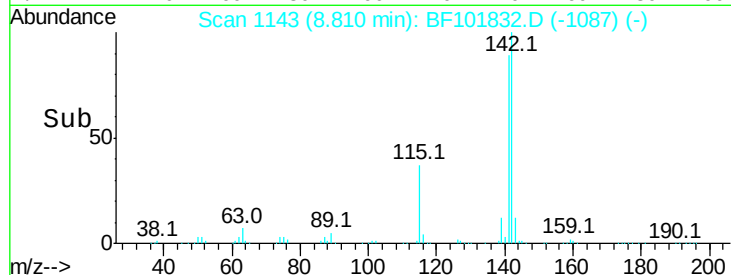
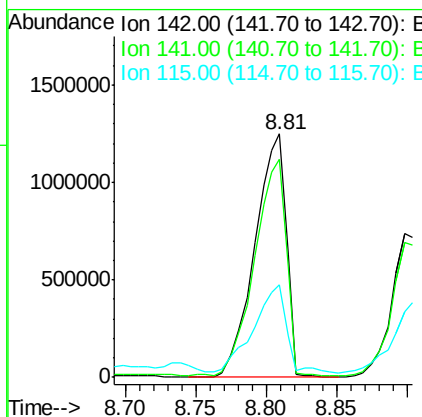
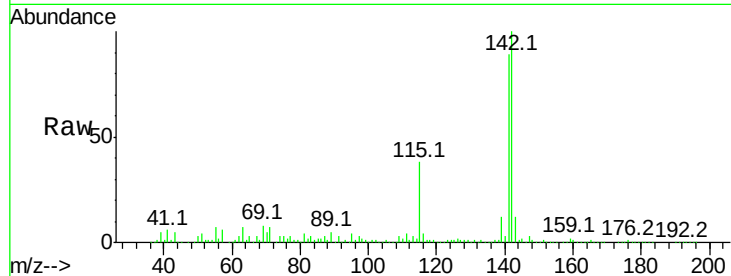




#37
 2-Methylnaphthalene
 Concen: 186.340 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.03 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

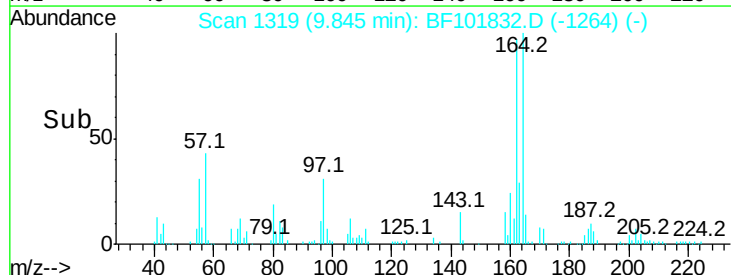
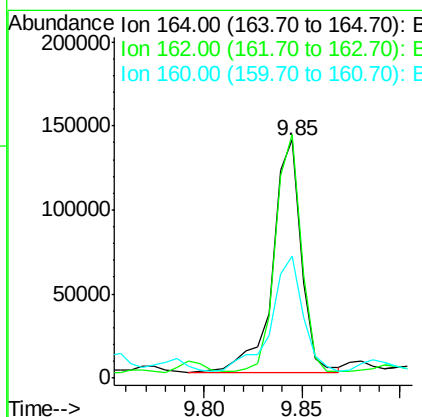
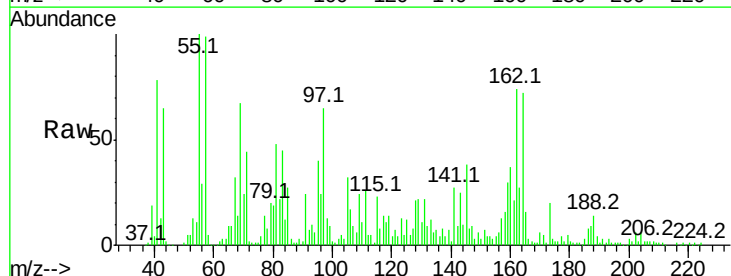
Instrument :
 BNA_F
 ClientSampleId :

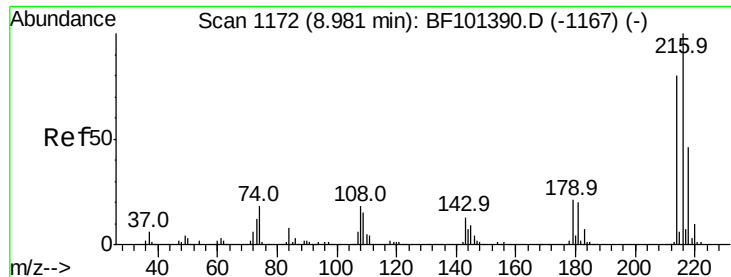
Tot Ion:142 Resp: 1946705
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 38.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion:164 Resp: 140822
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 51.1 38.3 57.5

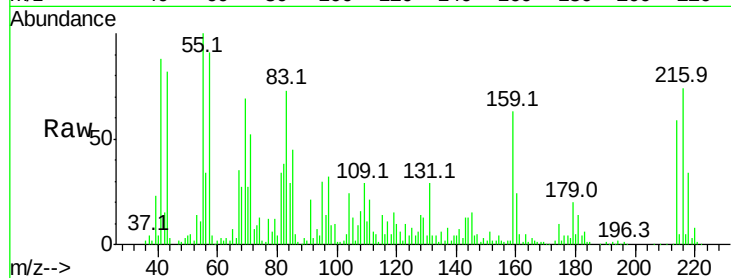




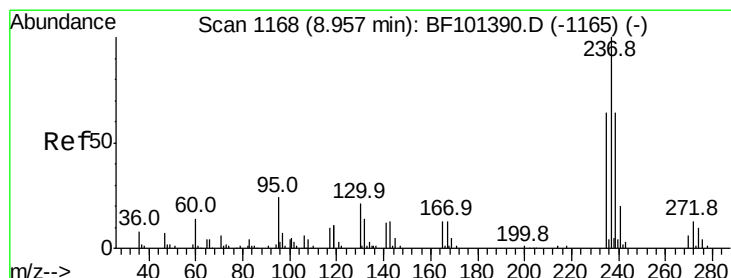
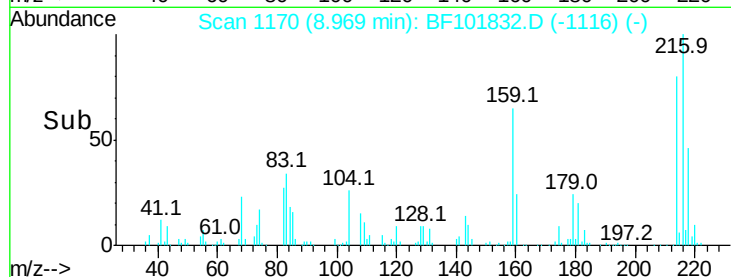
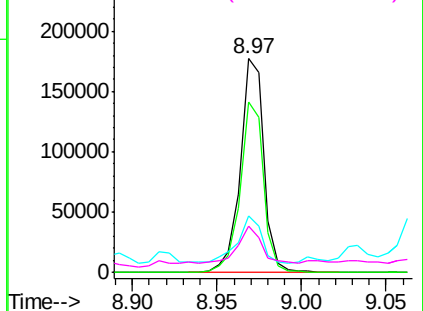
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.071 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	171502
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	23.5	18.1	27.1
108	18.0	17.2	25.8

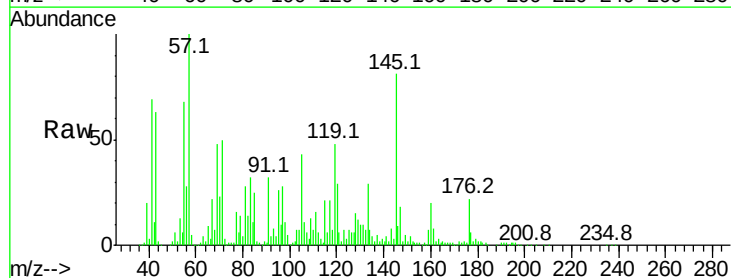


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

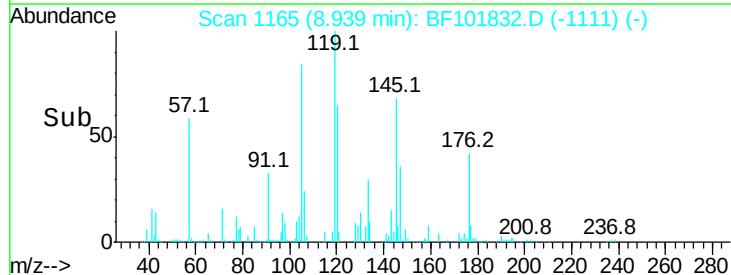
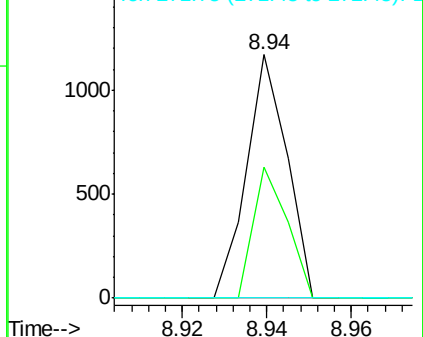


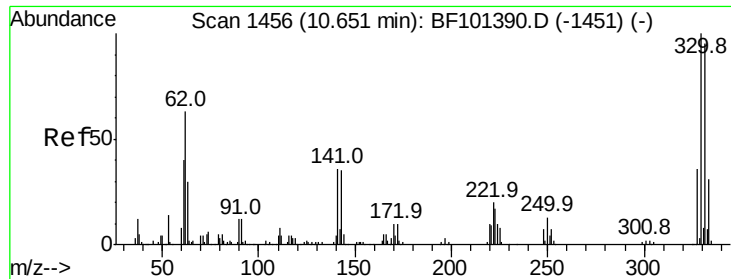
#40
 Hexachlorocyclopentadiene
 Concen: 12.444 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion:	237	Resp:	780
Ion	Ratio	Lower	Upper
237	100		
235	53.7	44.8	84.8
272	0.0	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

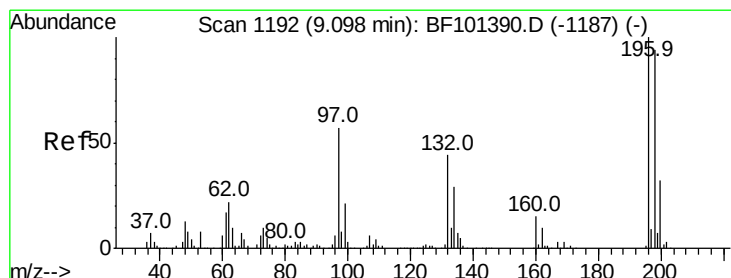
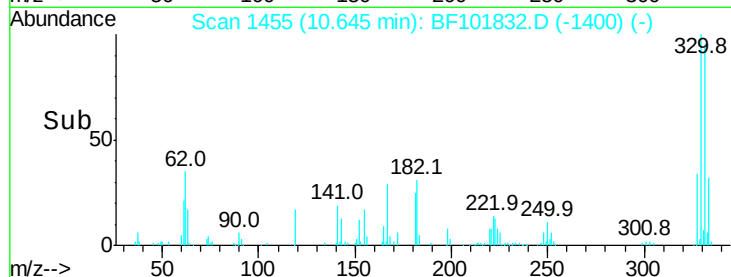
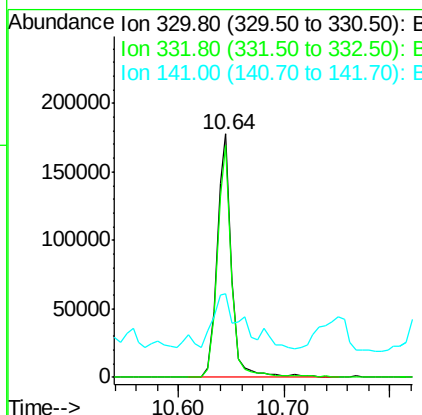
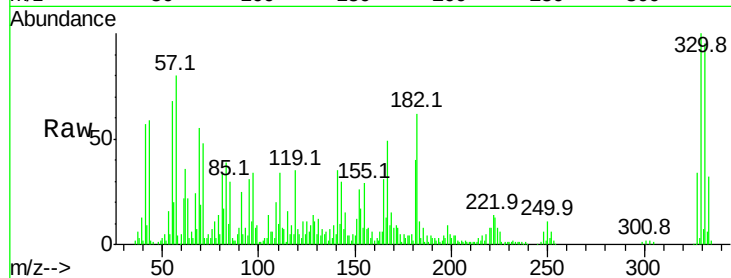




#41
 2,4,6-Tribromophenol
 Concen: 127.311 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

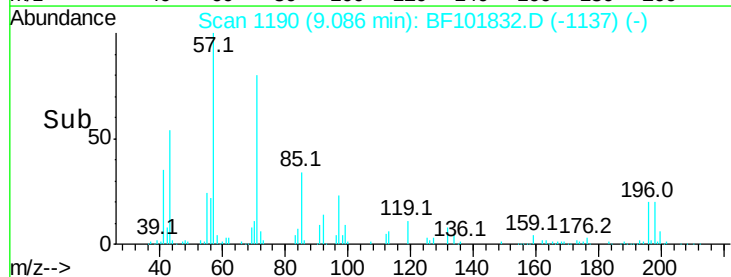
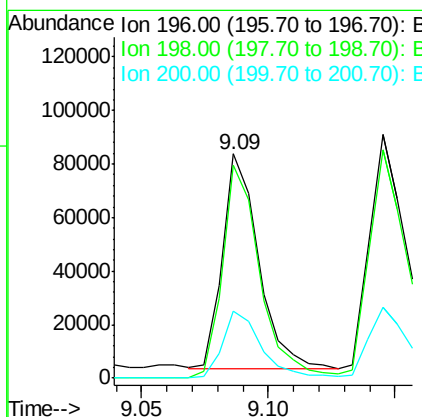
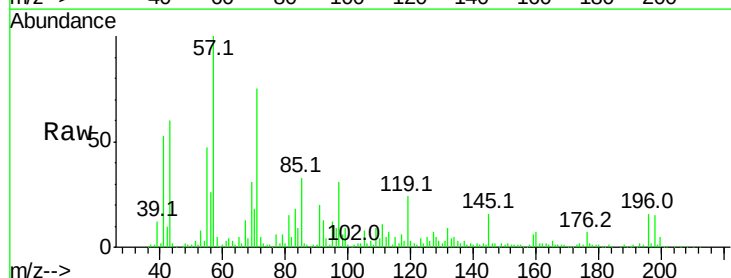
Instrument :
 BNA_F
 ClientSampleId :

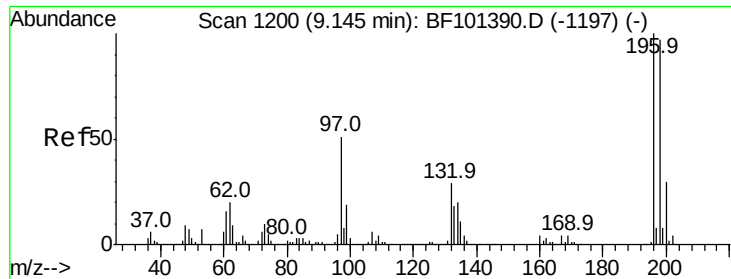
Tot Ion:330 Resp: 172752
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 37.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 27.717 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion:196 Resp: 79337
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 29.8 24.5 36.7

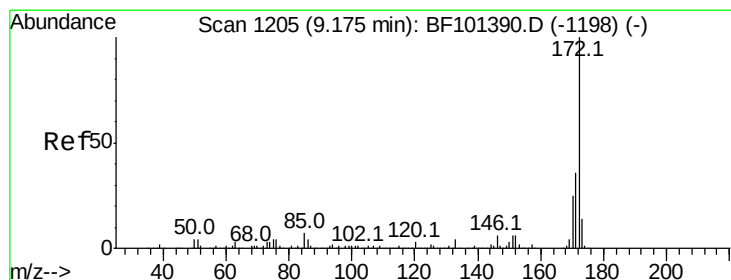
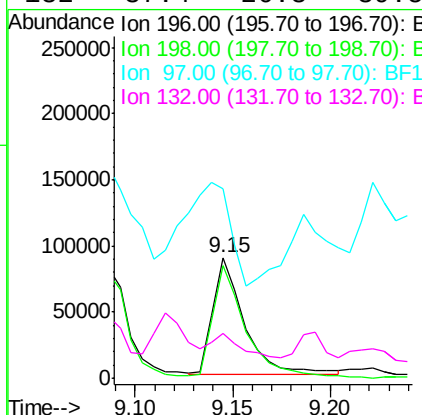
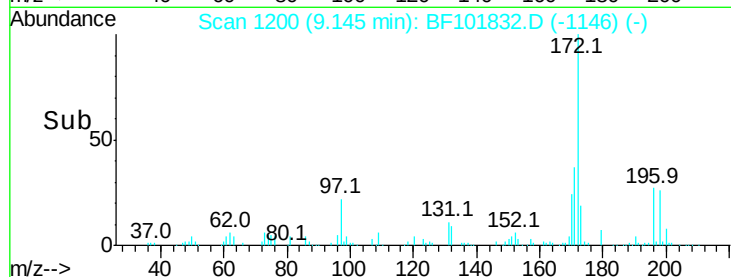
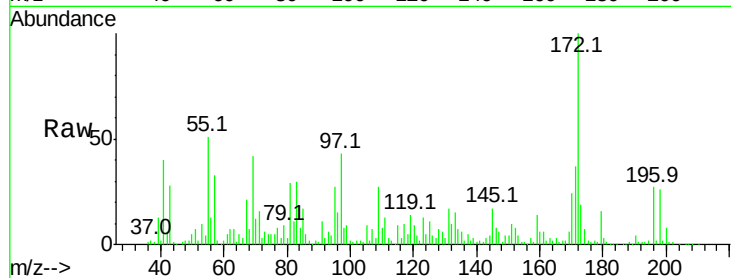




#43
 2,4,5-Trichlorophenol
 Concen: 31.469 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

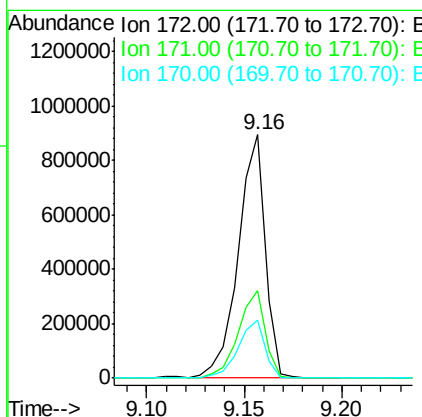
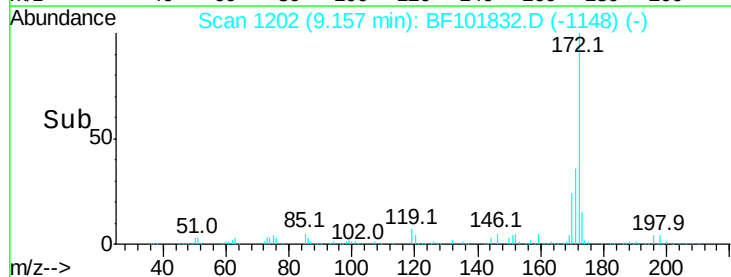
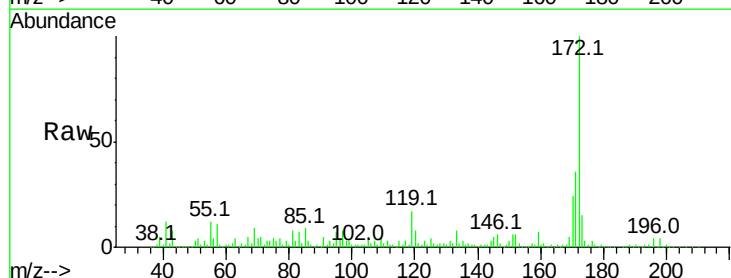
Instrument :
 BNA_F
 ClientSampled :

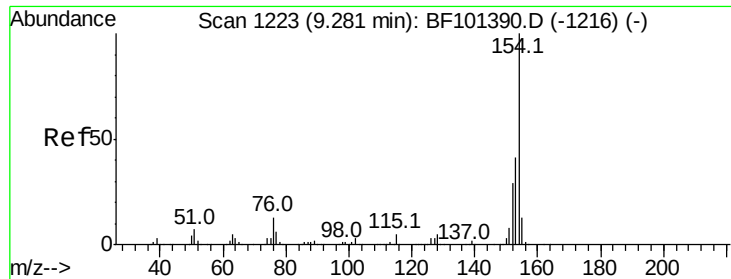
Tot Ion:196 Resp: 98628
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.6 112.0
 97 157.5 42.9 64.3#
 132 37.4 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 94.140 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion:172 Resp: 854606
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.6 19.6 29.4





#45

1,1'-Biphenyl

Concen: 57.295 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

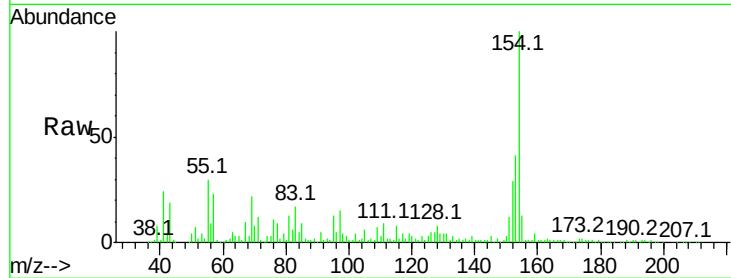
Tot Ion:154 Resp: 715550

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

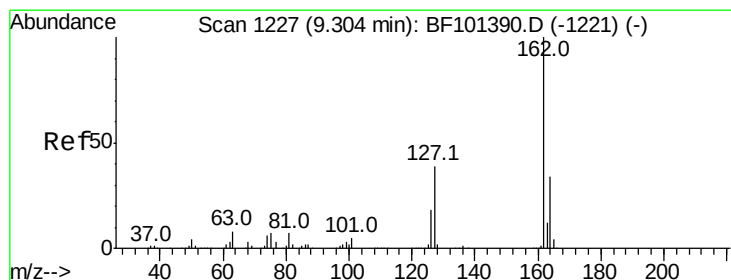
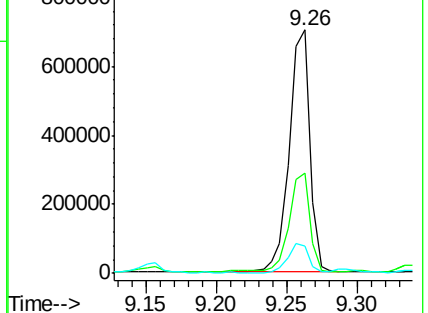
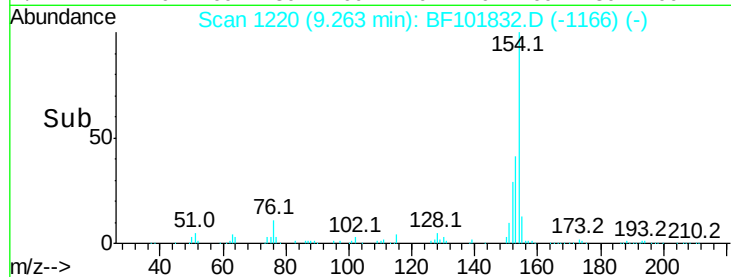
76 11.3 0.0 34.0



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: 32.485 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

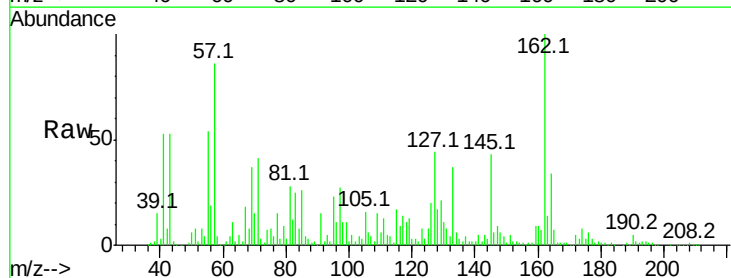
Tgt Ion:162 Resp: 310426

Ion Ratio Lower Upper

162 100

127 44.2 33.9 50.9

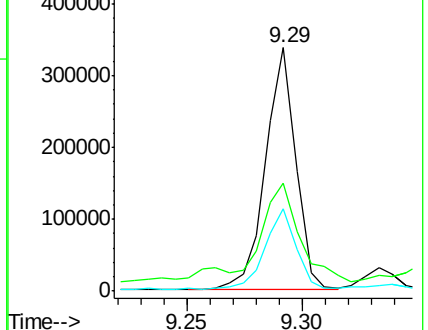
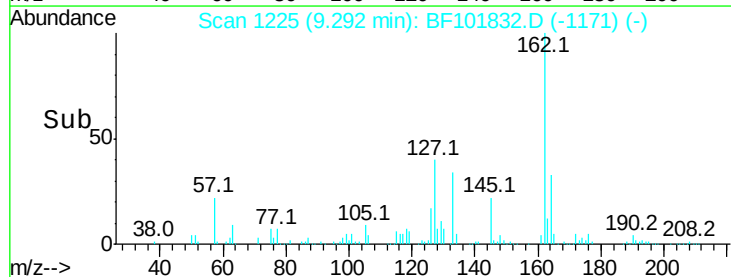
164 33.8 26.5 39.7

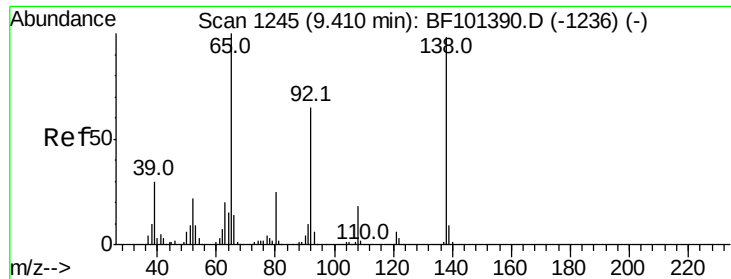


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.131 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

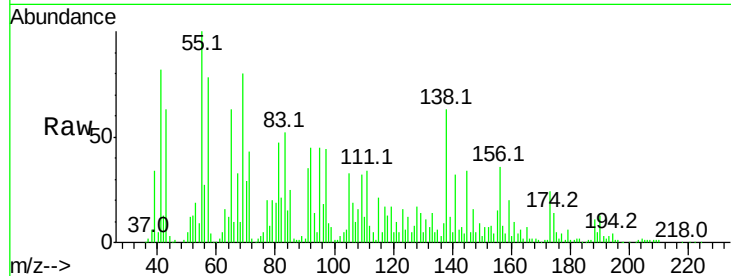
Tot Ion: 65 Resp: 122572

Ion Ratio Lower Upper

65 100

92 72.5 55.8 83.6

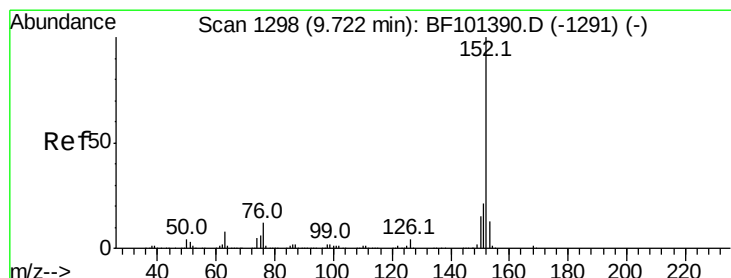
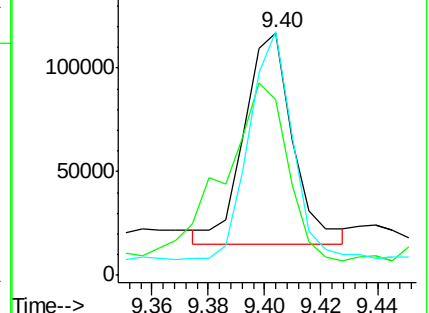
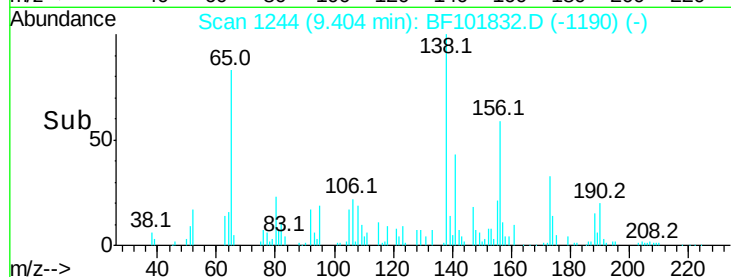
138 100.2 91.2 136.8



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: 32.299 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

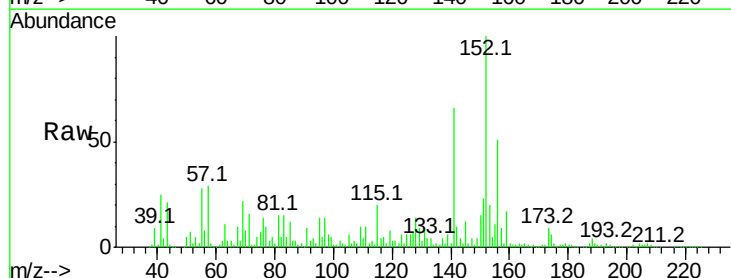
Tgt Ion: 152 Resp: 487499

Ion Ratio Lower Upper

152 100

151 22.5 16.3 24.5

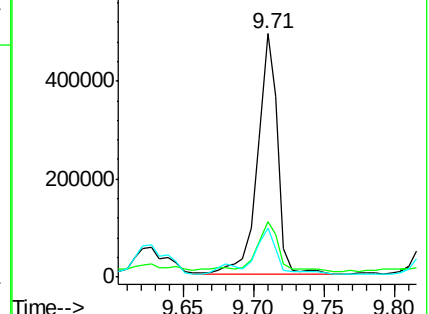
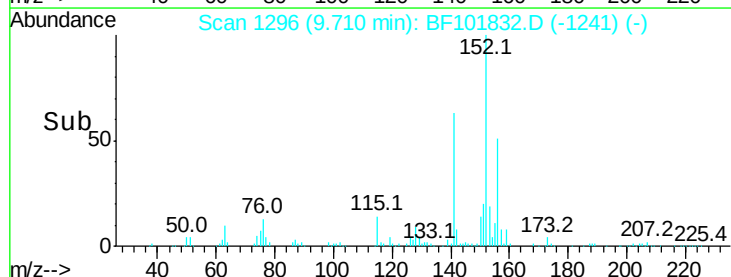
153 20.3 10.7 16.1#

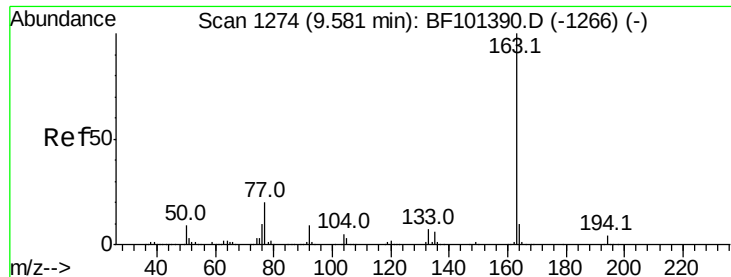


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

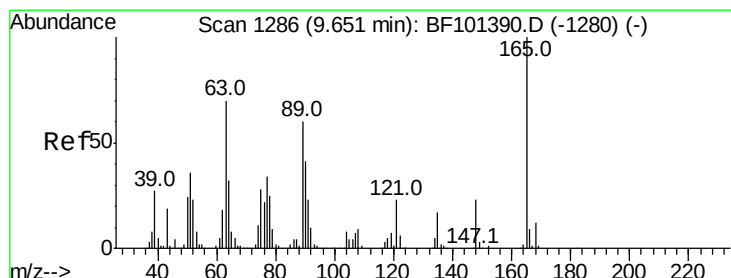
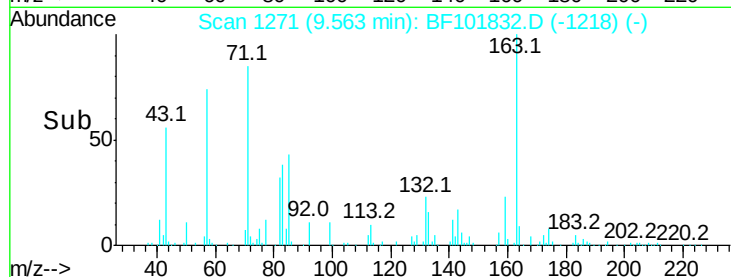
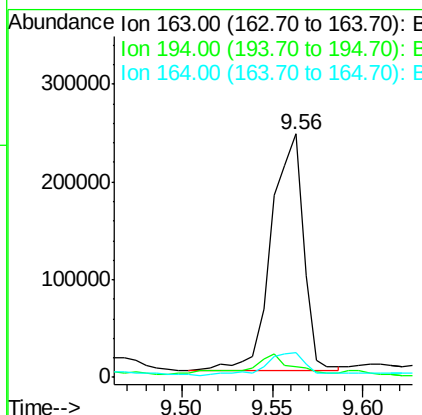
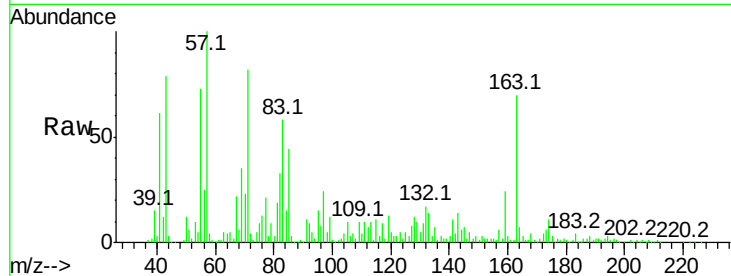




#49
Dimethylphthalate
Concen: 26.509 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

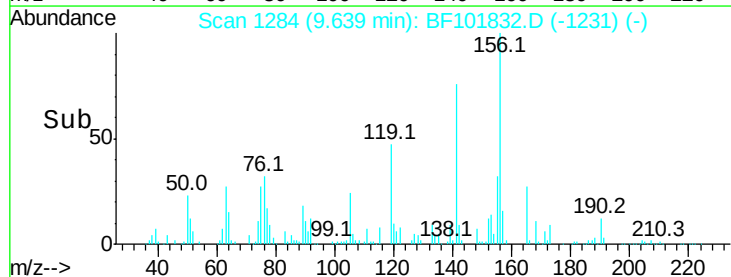
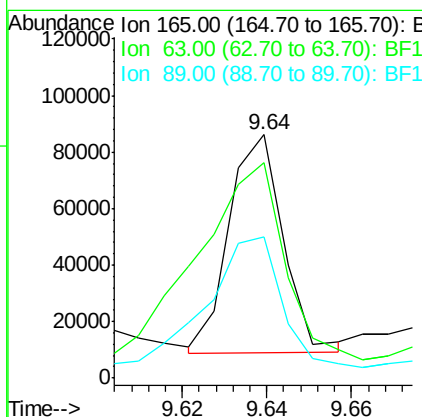
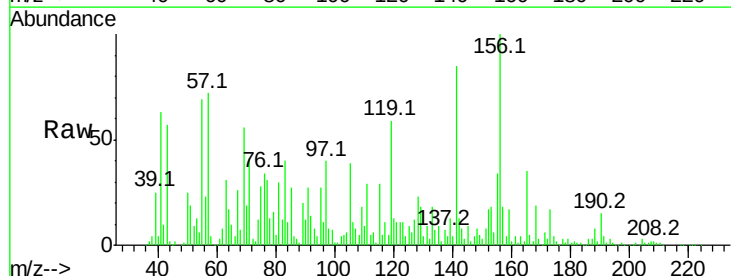
Instrument :
BNA_F
ClientSampleId :

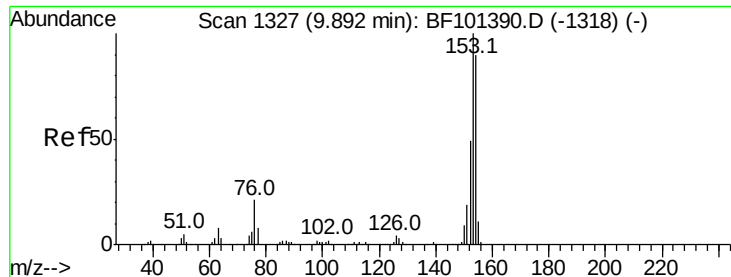
Tot Ion:163 Resp: 300268
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 29.870 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:165 Resp: 68767
Ion Ratio Lower Upper
165 100
63 88.5 44.7 67.1#
89 58.0 44.0 66.0





#51

Acenaphthene

Concen: 36.955 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

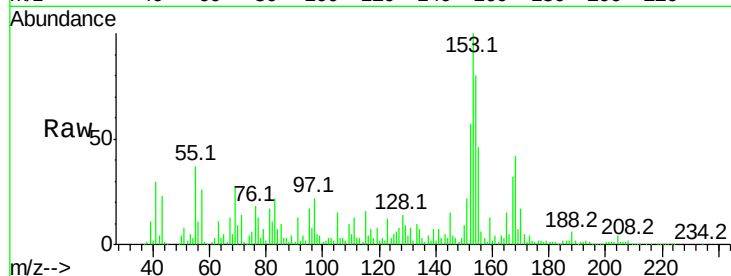
Tot Ion:154 Resp: 335104

Ion Ratio Lower Upper

154 100

153 124.5 91.2 136.8

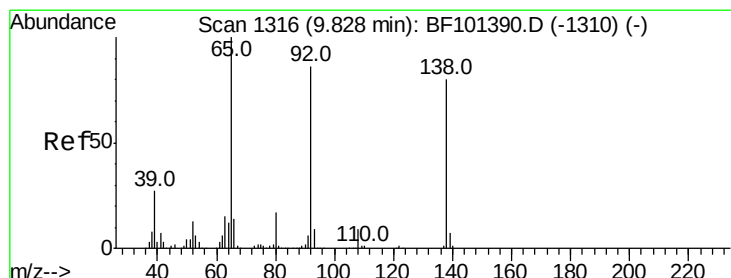
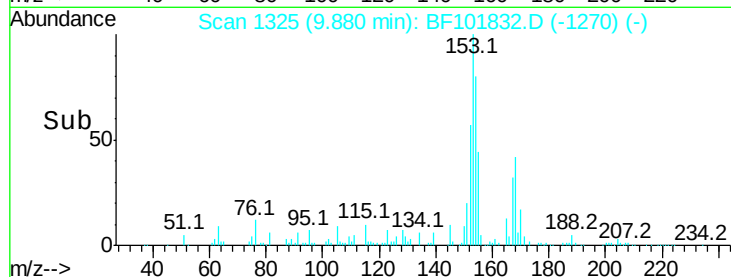
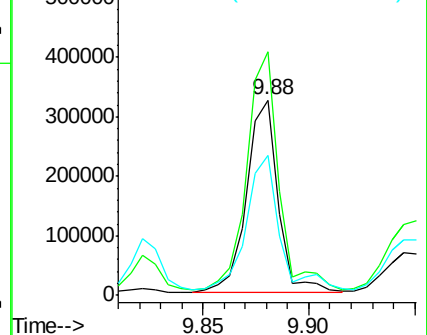
152 71.5 43.8 65.8#



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: 25.332 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

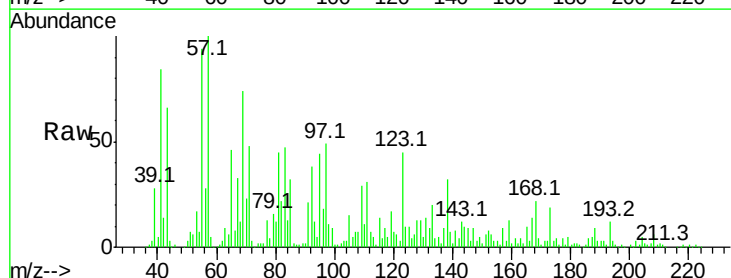
Tgt Ion:138 Resp: 72709

Ion Ratio Lower Upper

138 100

108 21.0 9.4 14.0#

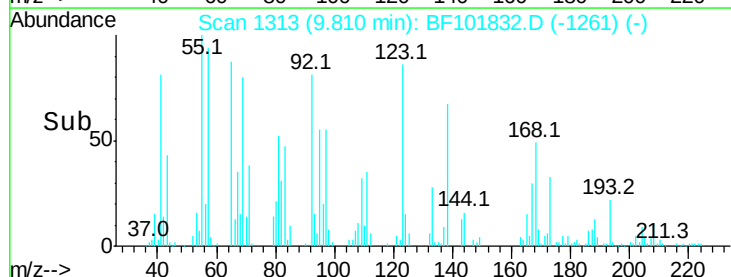
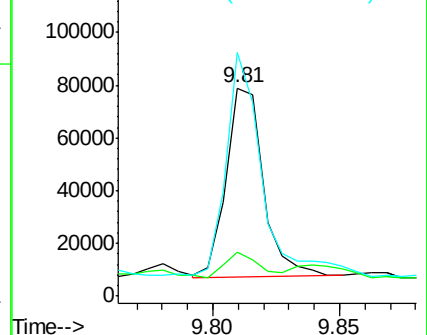
92 116.9 89.4 134.2

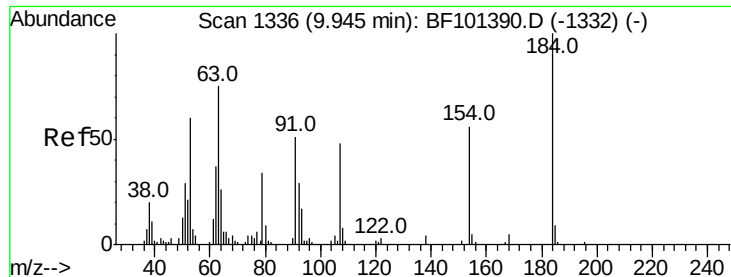


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

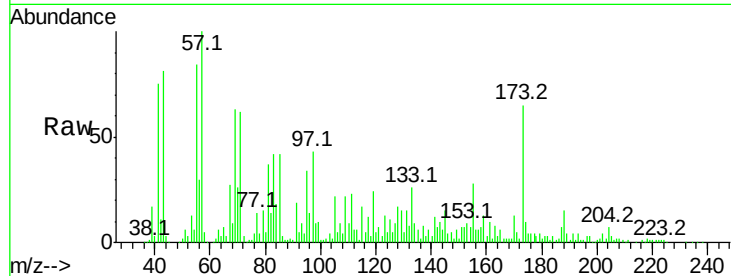




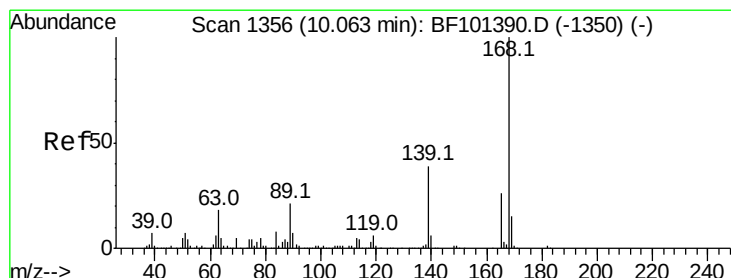
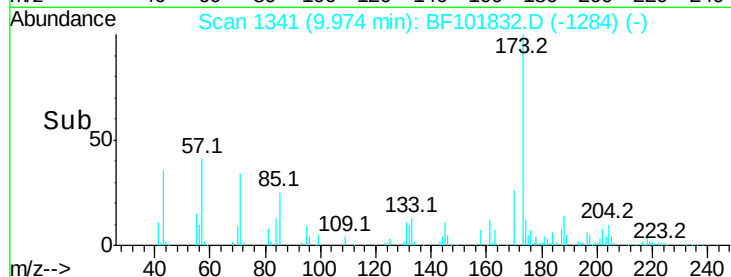
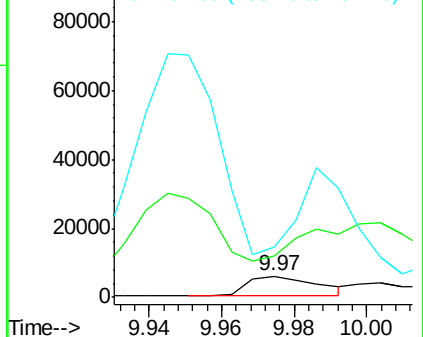
#53
 2,4-Dinitrophenol
 Concen: 18.769 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.04 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 7778
 Ion Ratio Lower Upper
 184 100
 63 197.9 54.2 81.2#
 154 237.9 184.0 276.0

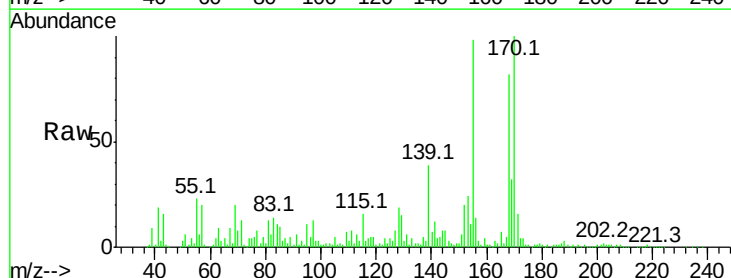


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

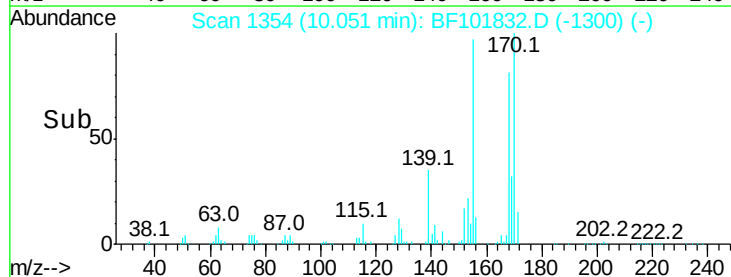
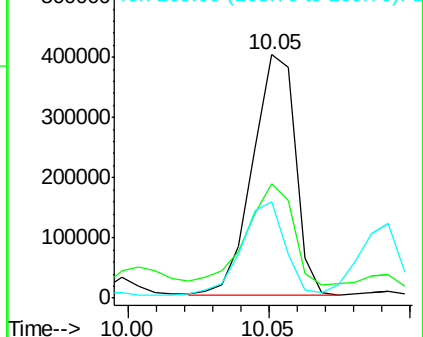


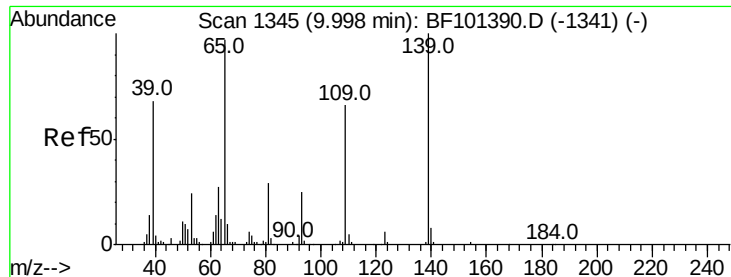
#54
 Dibenzofuran
 Concen: 36.522 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion:168 Resp: 420875
 Ion Ratio Lower Upper
 168 100
 139 47.1 30.1 45.1#
 169 39.4 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: 51.023 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

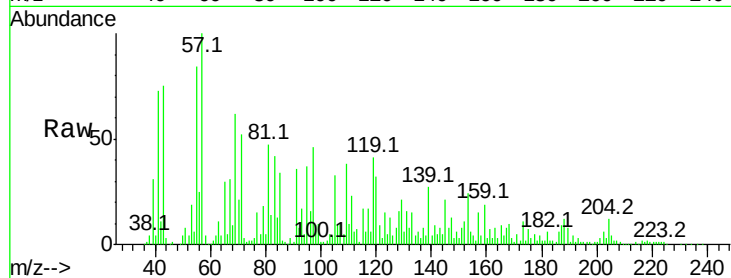
Tot Ion:139 Resp: 63858

Ion Ratio Lower Upper

139 100

109 141.6 48.4 88.4#

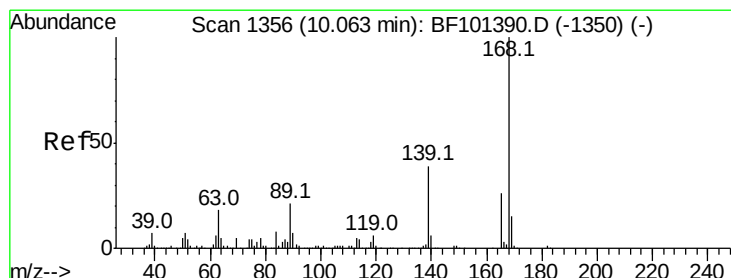
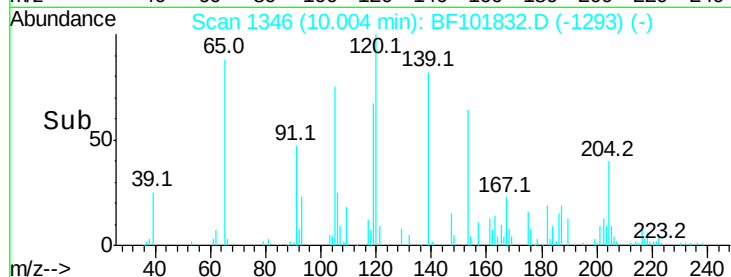
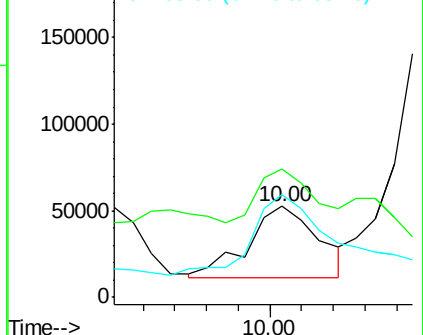
65 113.8 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 57.647 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:165 Resp: 149525

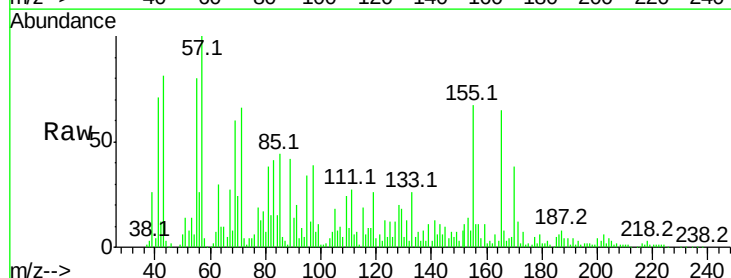
Ion Ratio Lower Upper

165 100

63 45.9 36.4 54.6

89 63.8 57.8 86.6

182 4.2 1.6 2.4#

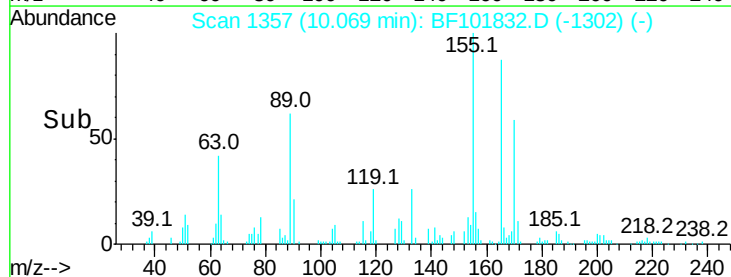
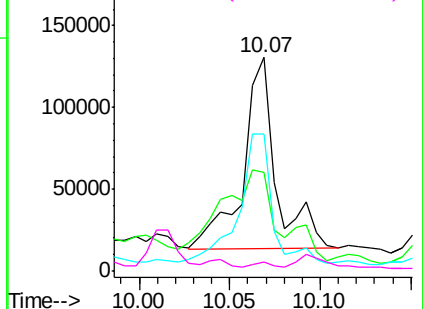


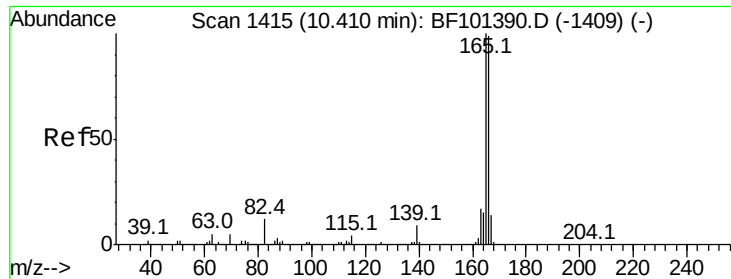
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.862 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

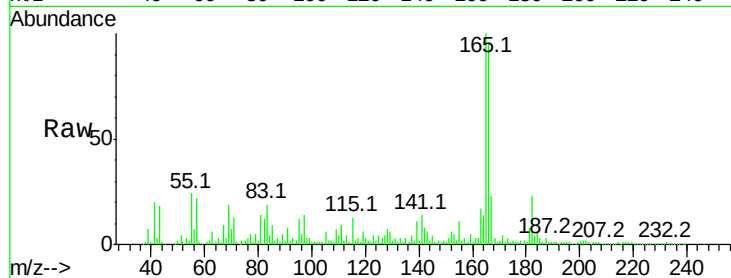
Tot Ion:166 Resp: 486084

Ion Ratio Lower Upper

166 100

165 105.0 79.8 119.8

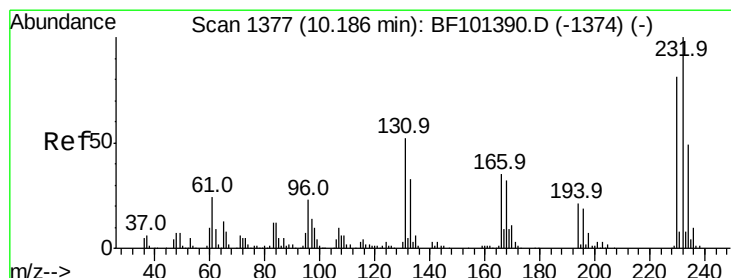
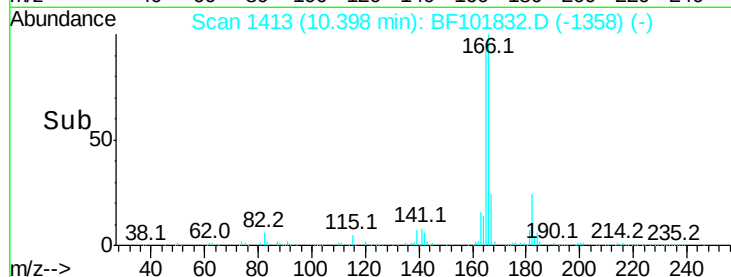
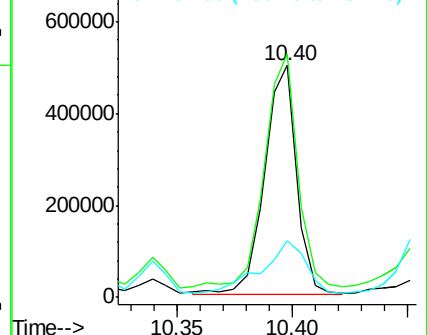
167 24.5 10.6 16.0#



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: 32.647 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:232 Resp: 73512

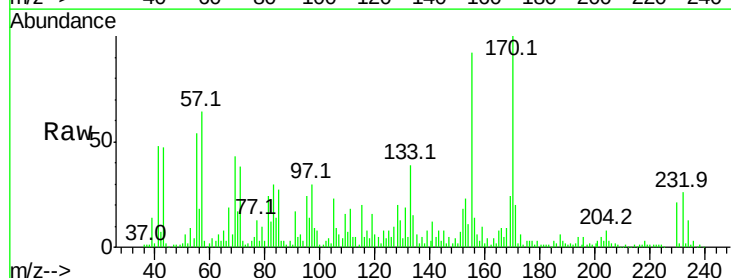
Ion Ratio Lower Upper

232 100

131 60.3 43.8 65.8

130 0.0 2.1 3.1#

166 34.1 27.8 41.6

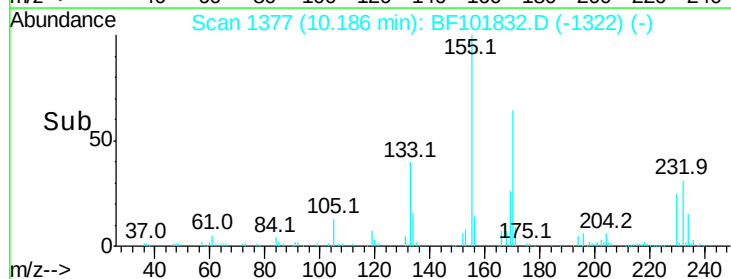
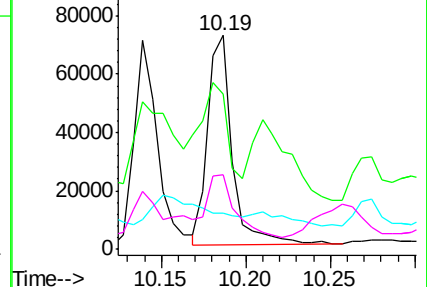


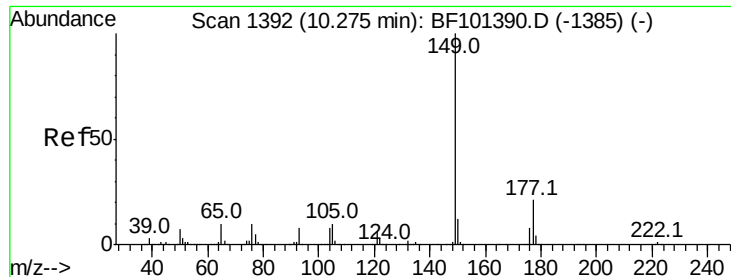
Abundance Ion 232.00 (231.70 to 232.70): E

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: 31.108 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

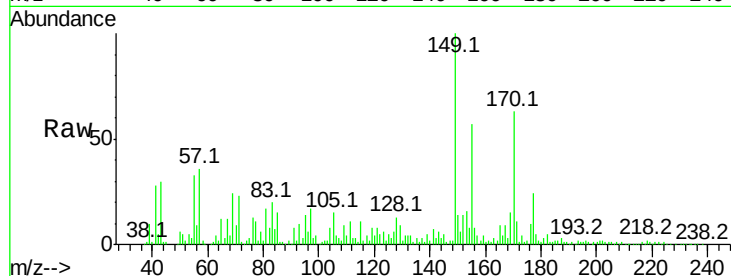
Tot Ion:149 Resp: 348948

Ion Ratio Lower Upper

149 100

177 23.7 16.1 24.1

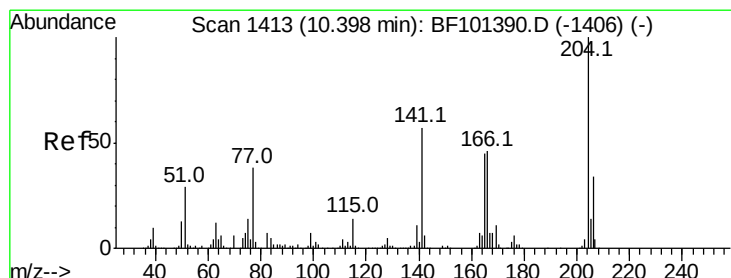
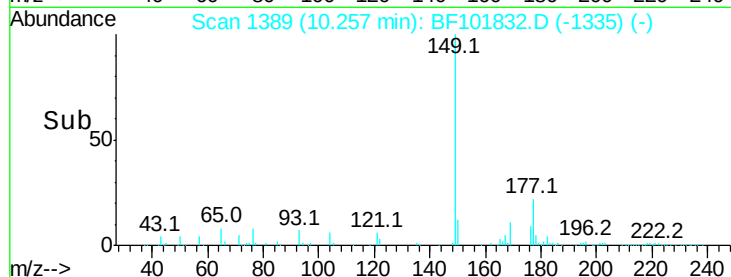
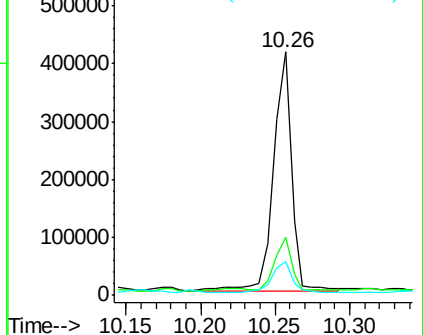
150 13.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.991 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

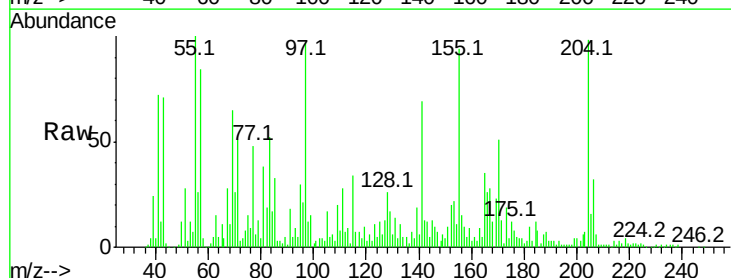
Tgt Ion:204 Resp: 158811

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

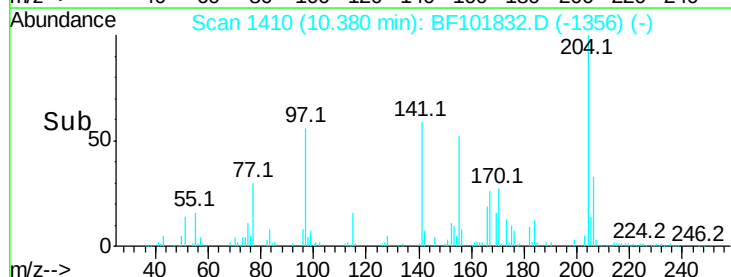
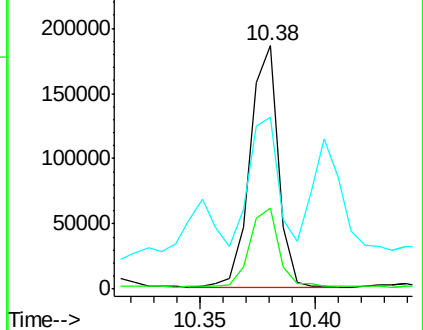
141 70.6 54.6 81.8

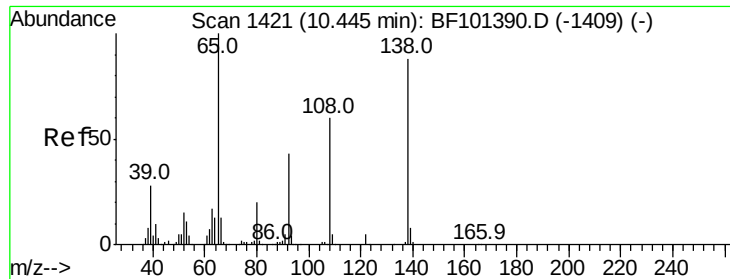


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

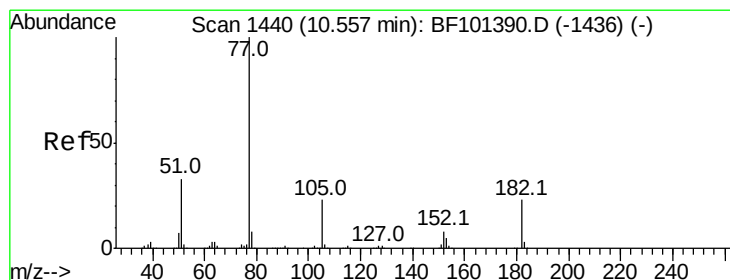
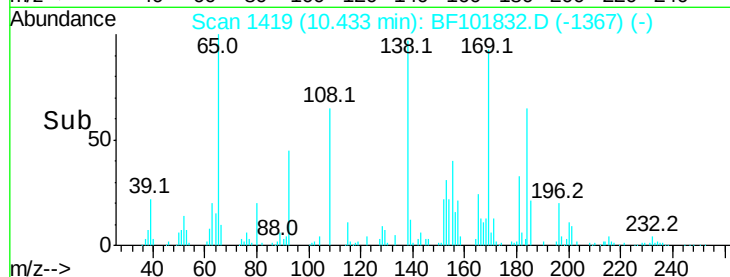
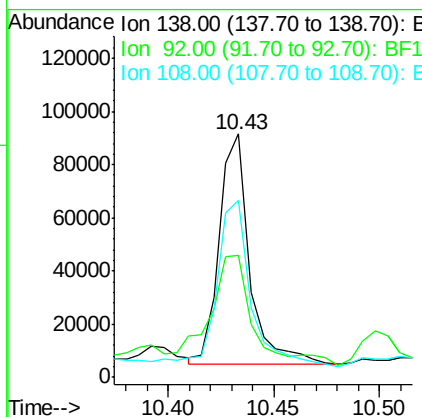
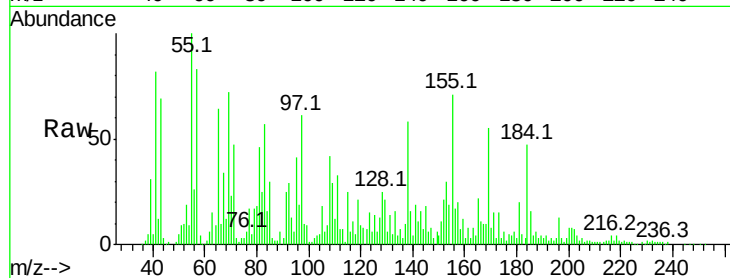




#61
4-Nitroaniline
Concen: 30.179 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

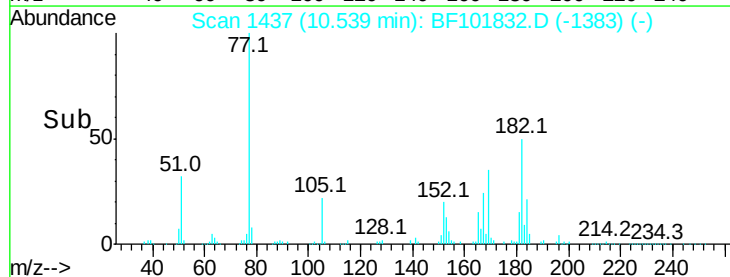
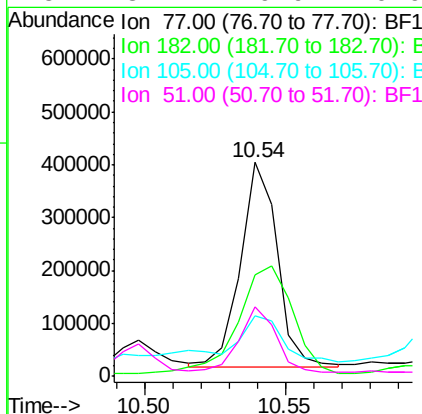
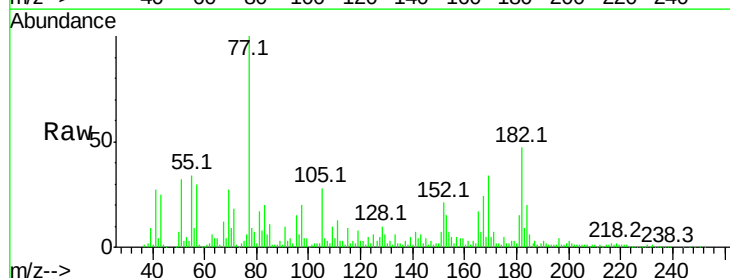
Instrument :
BNA_F
ClientSampled :

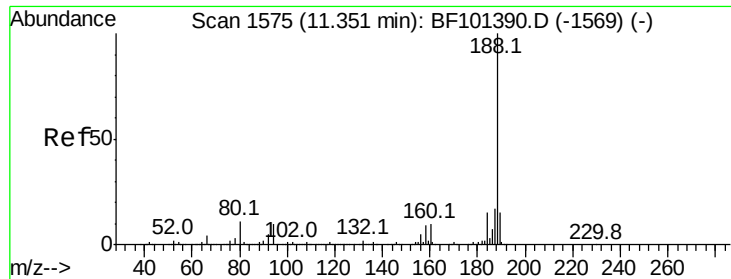
Tot Ion:138 Resp: 87067
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 72.6 52.5 92.5



#62
Azobenzene
Concen: 30.312 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion: 77 Resp: 352223
Ion Ratio Lower Upper
77 100
182 47.4 1.7 41.7#
105 28.1 3.0 43.0
51 32.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

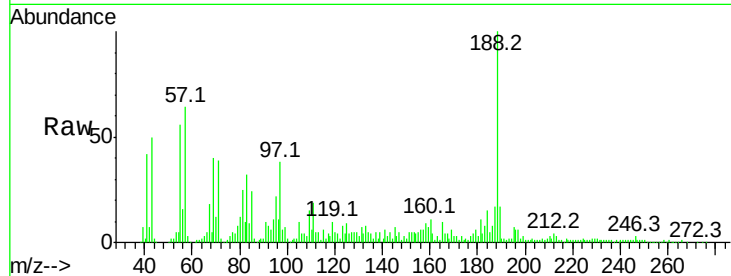
Tot Ion:188 Resp: 226919

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

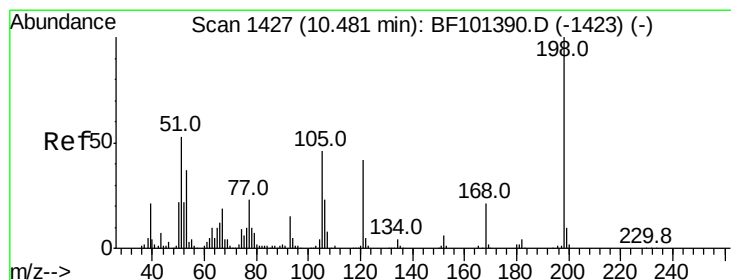
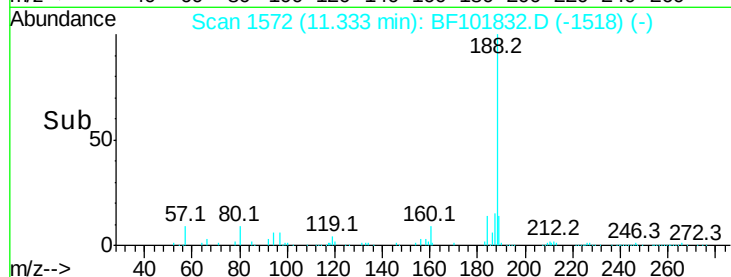
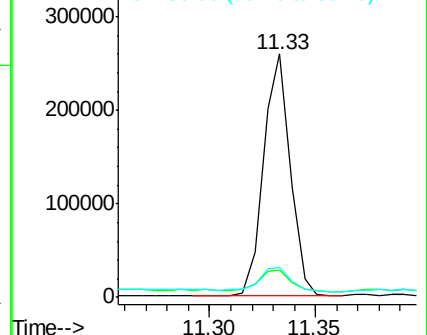
80 12.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 12.390 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.03 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

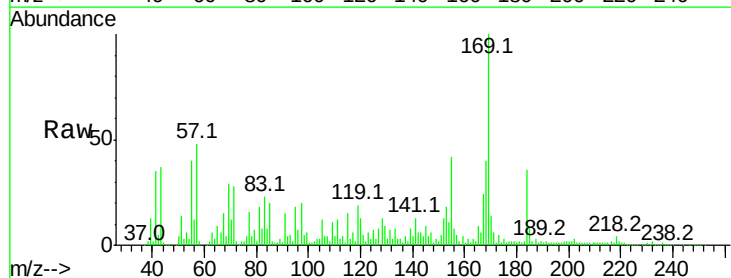
Tgt Ion:198 Resp: 14347

Ion Ratio Lower Upper

198 100

51 573.0 37.7 77.7#

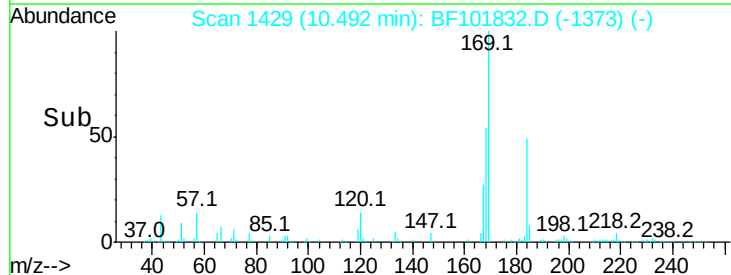
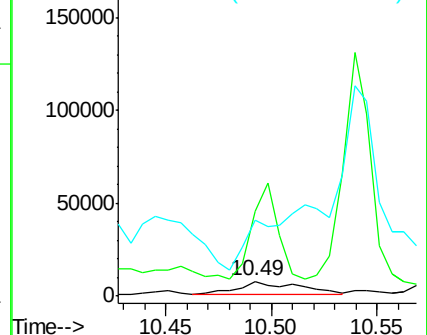
105 506.5 36.3 76.3#

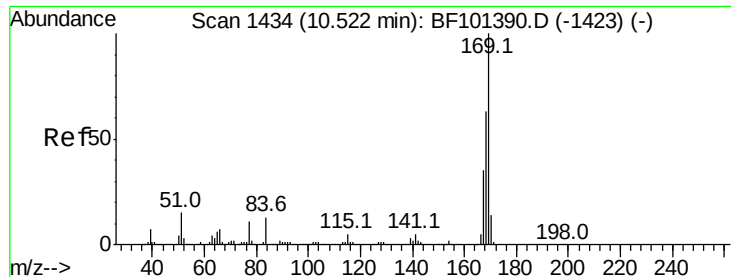


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 82.710 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

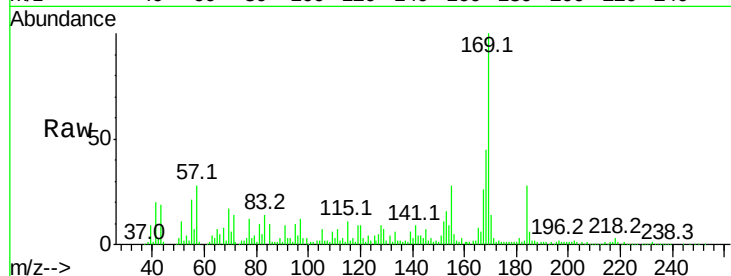
Tot Ion:169 Resp: 693019

Ion Ratio Lower Upper

169 100

168 45.5 54.4 81.6#

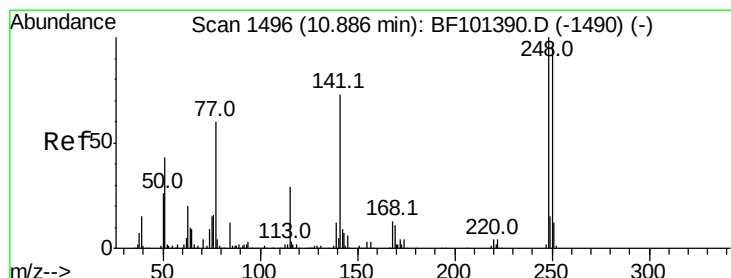
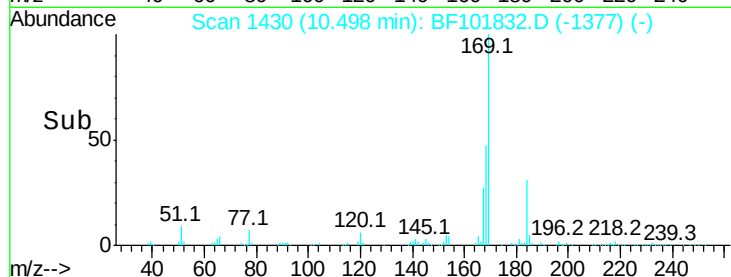
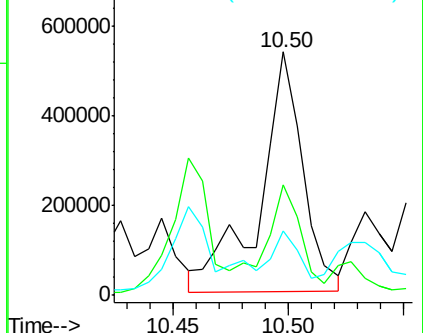
167 26.3 29.8 44.6#



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: 40.376 ng

RT: 10.86 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

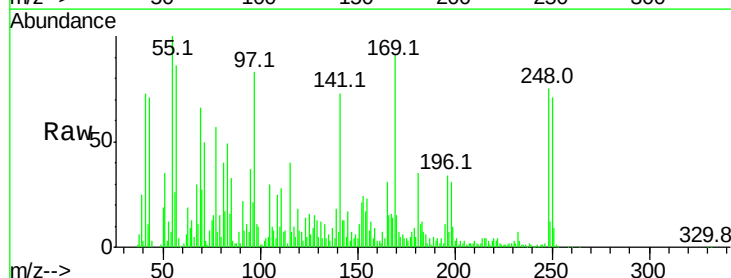
Tgt Ion:248 Resp: 102947

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

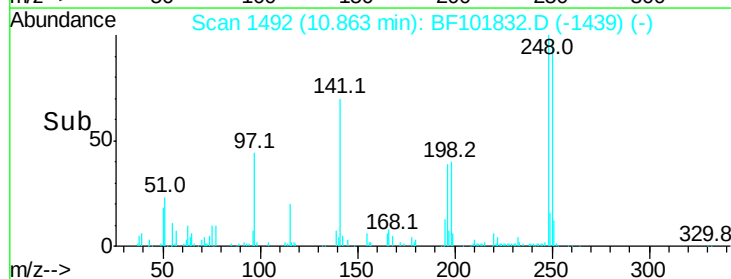
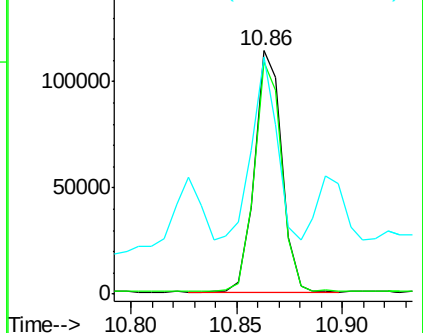
141 97.6 74.4 111.6

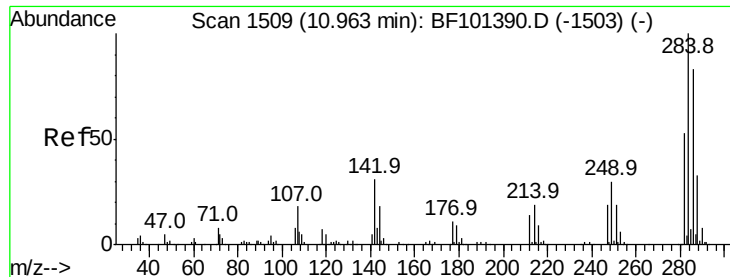


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.725 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.04 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

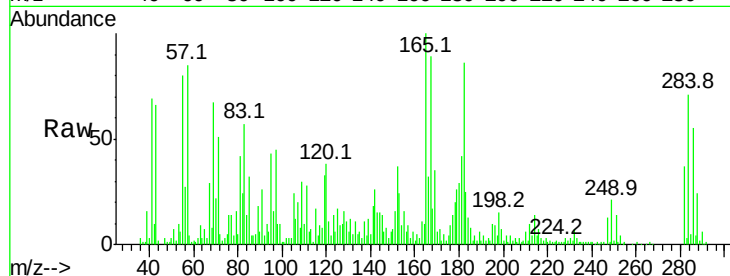
Tot Ion:284 Resp: 99104

Ion Ratio Lower Upper

284 100

142 36.3 34.6 52.0

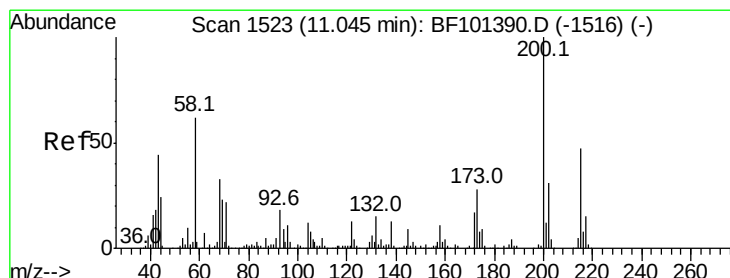
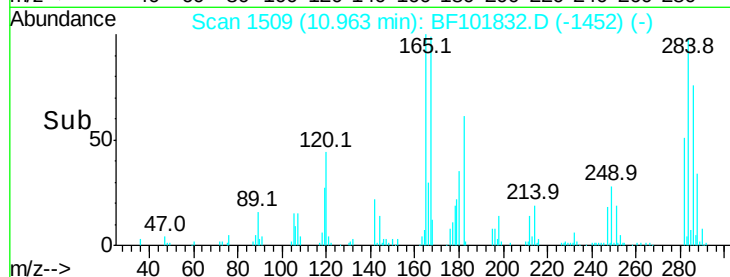
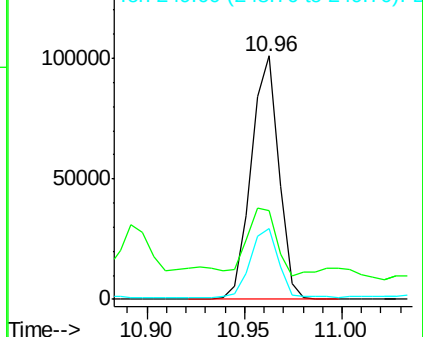
249 29.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.468 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

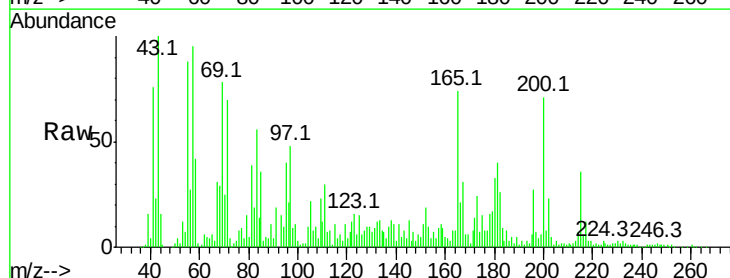
Tgt Ion:200 Resp: 116094

Ion Ratio Lower Upper

200 100

173 33.1 8.6 48.6

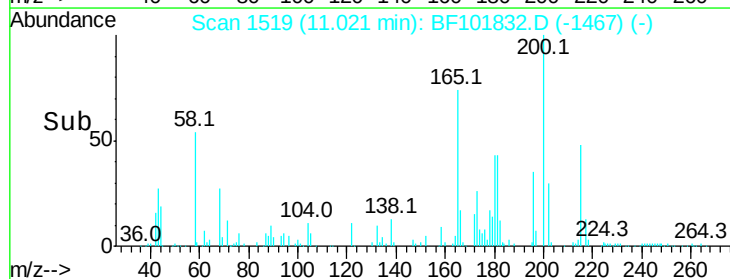
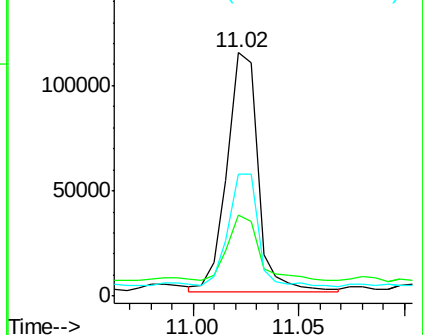
215 49.9 25.1 65.1

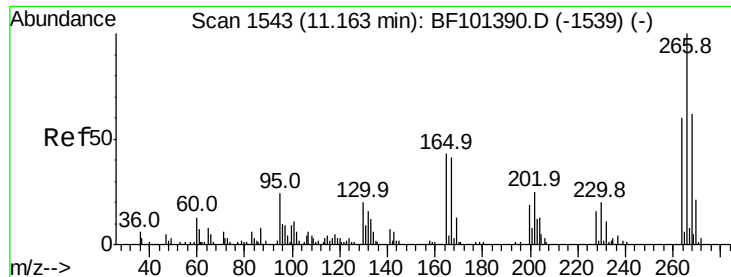


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

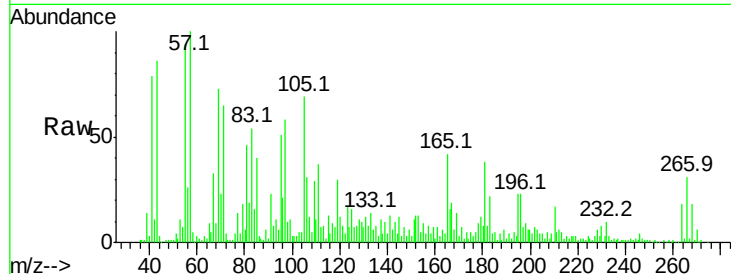




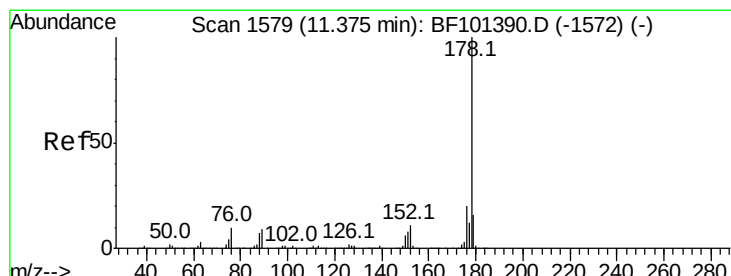
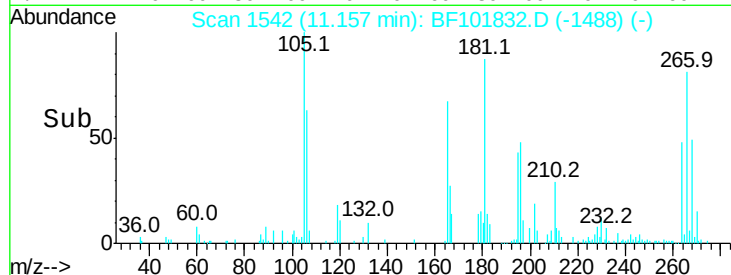
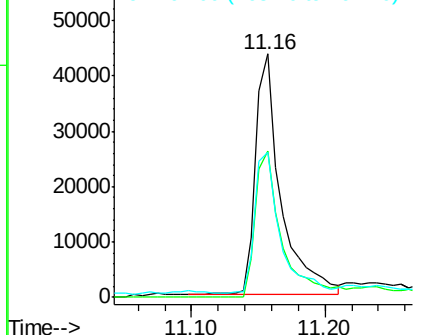
#69
 Pentachlorophenol
 Concen: 56.251 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	59.8	49.5	74.3

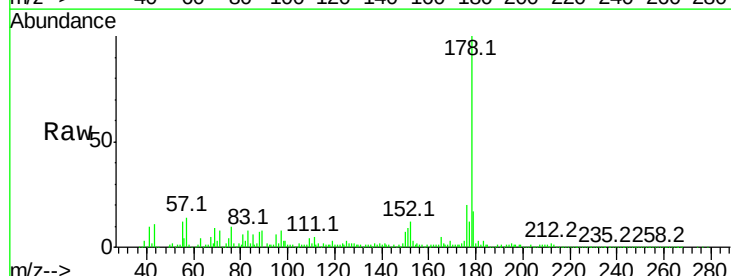


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

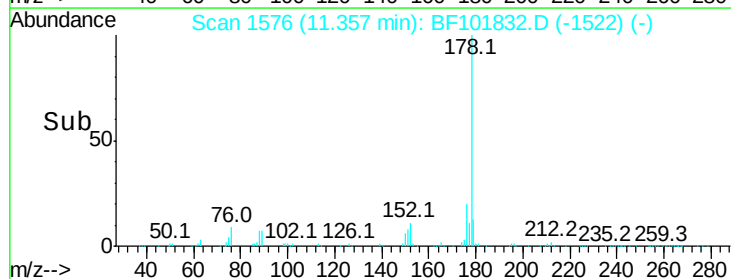
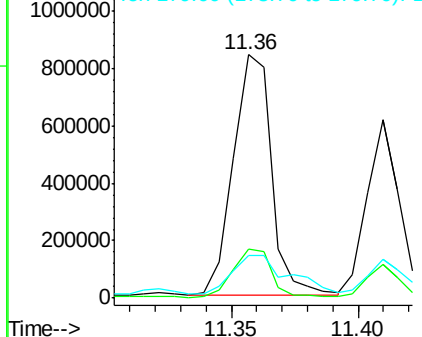


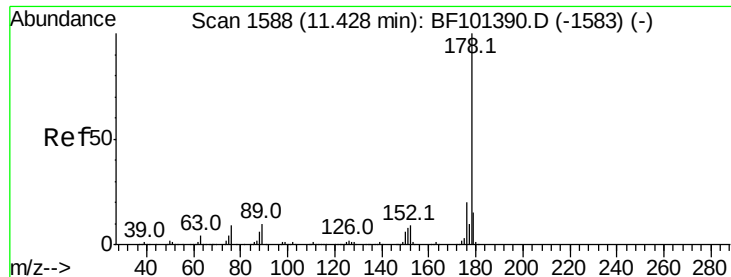
#70
 Phenanthrene
 Concen: 70.071 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	17.5	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: 68.527 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.04 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

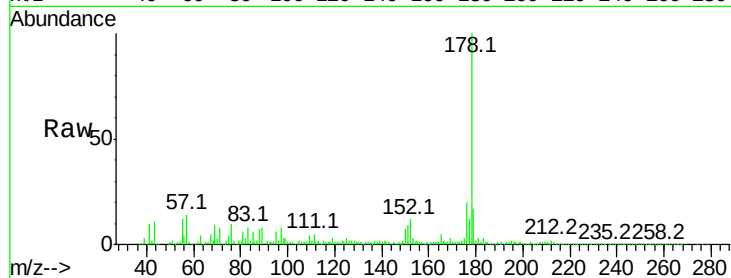
Tot Ion:178 Resp: 883334

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

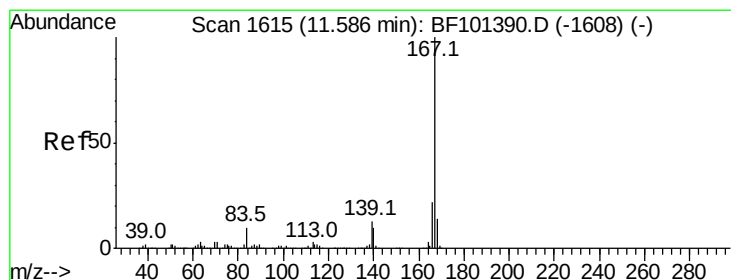
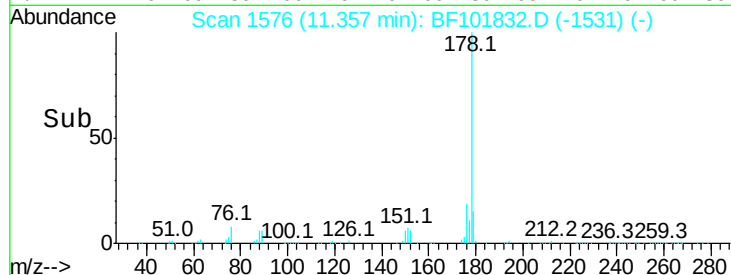
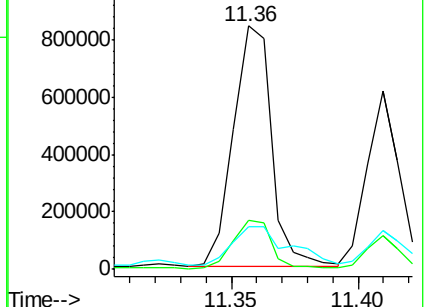
179 17.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.810 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

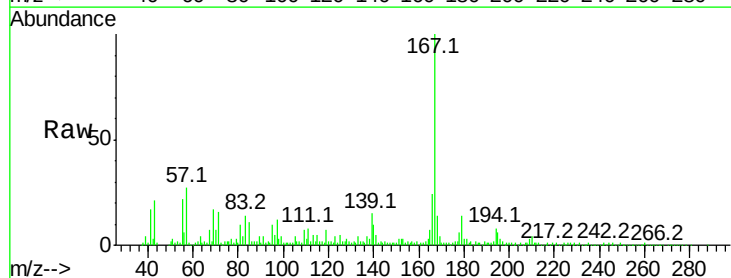
Tgt Ion:167 Resp: 444242

Ion Ratio Lower Upper

167 100

166 24.1 17.6 26.4

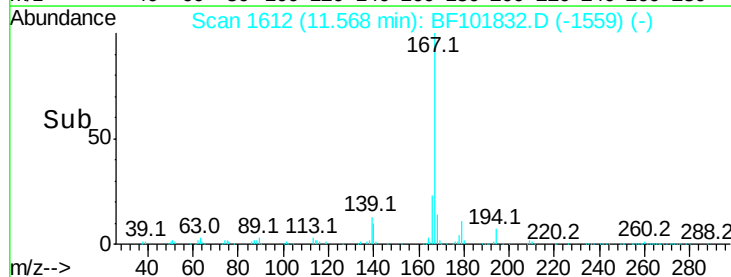
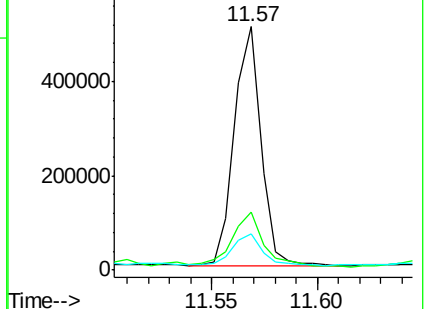
139 14.9 10.9 16.3

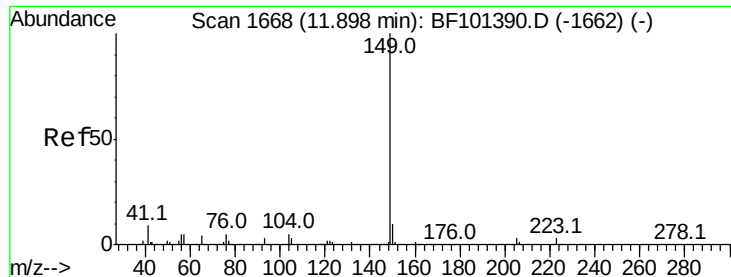


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.300 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

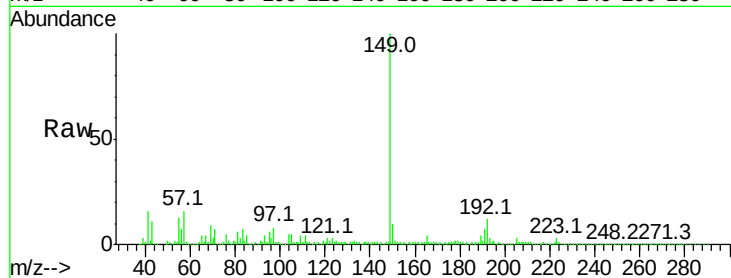
Tot Ion:149 Resp: 590318

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

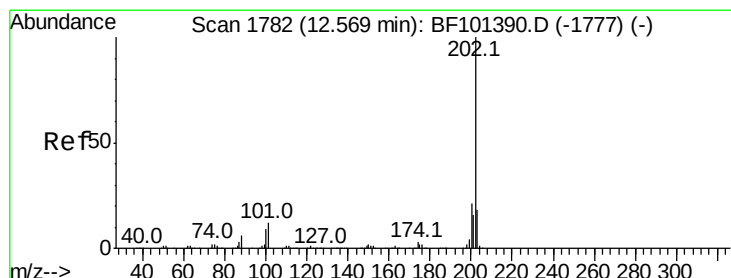
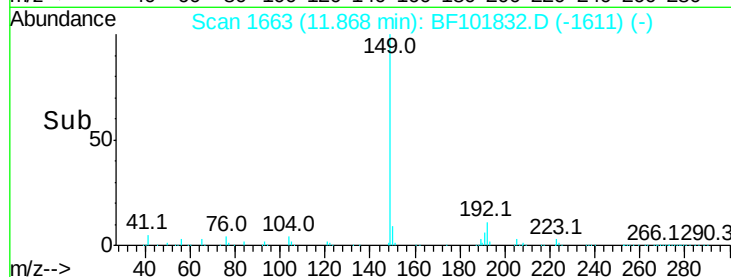
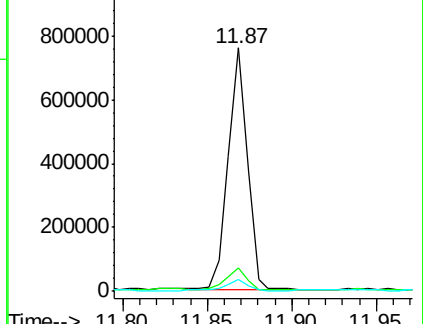
104 4.8 3.8 5.8



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: 45.113 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

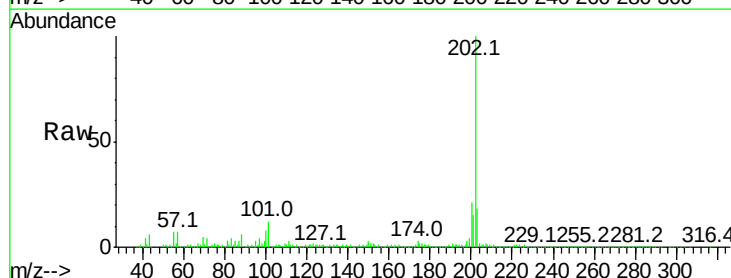
Tgt Ion:202 Resp: 597553

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

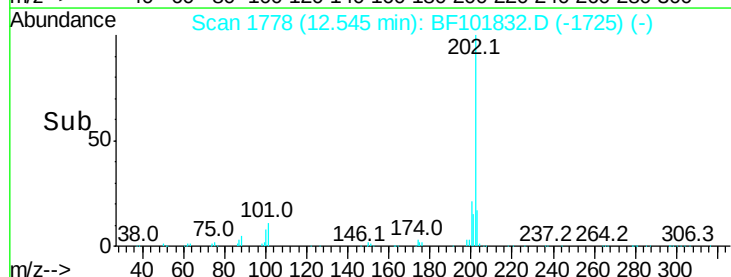
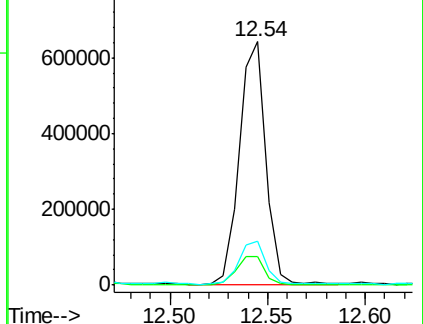
203 17.9 0.0 38.1

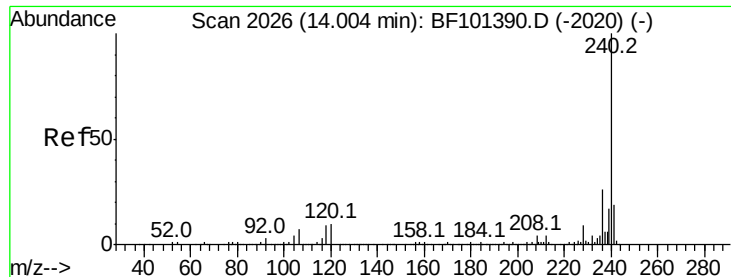


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

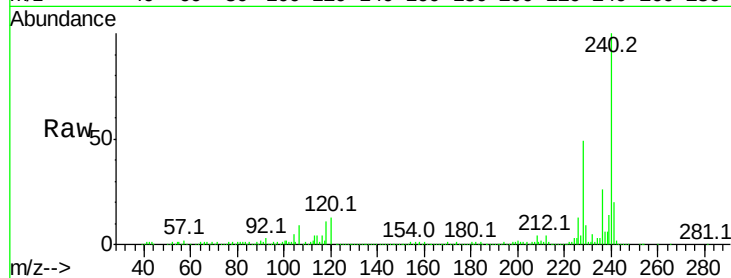
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 251659

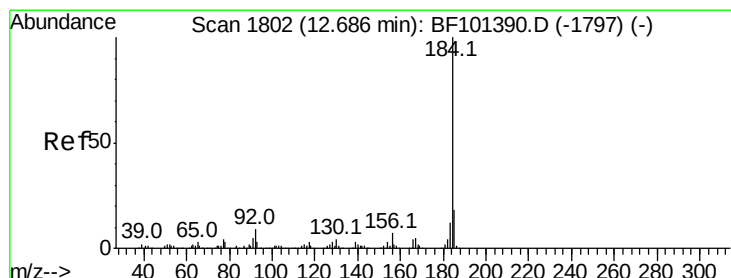
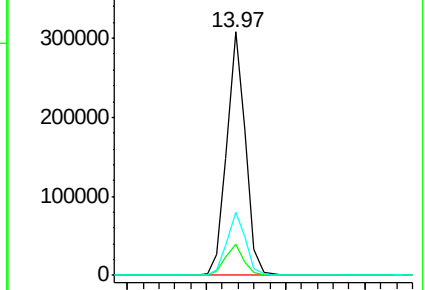
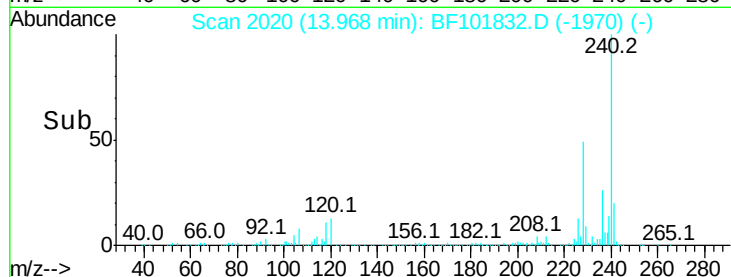
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.8	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.754 ng

RT: 12.66 min Scan# 1798

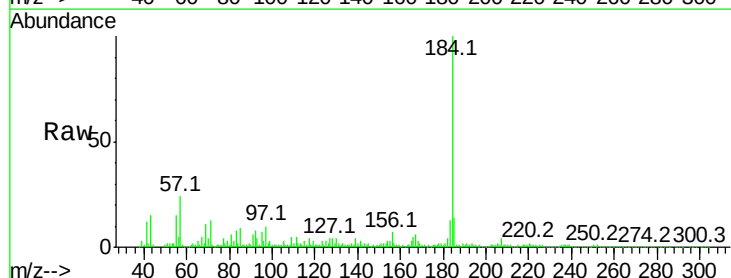
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:184 Resp: 273740

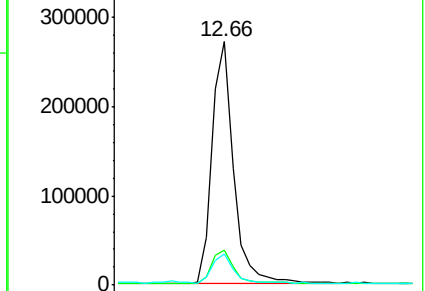
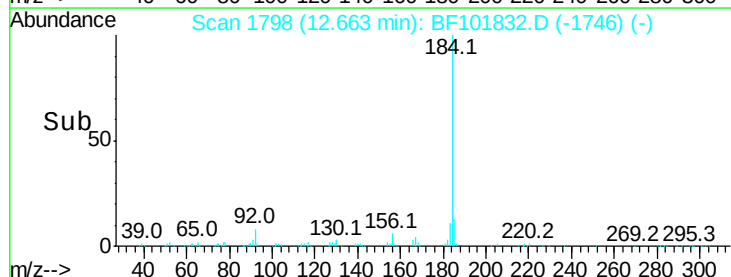
Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	12.8	9.3	13.9

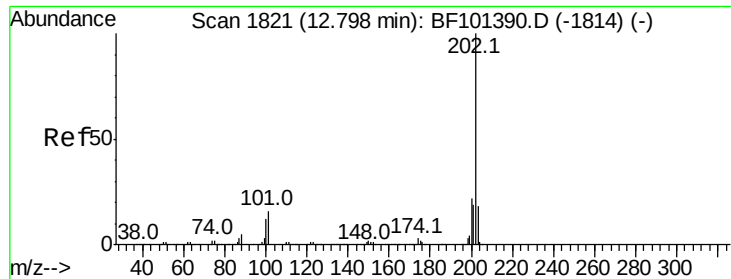


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.404 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

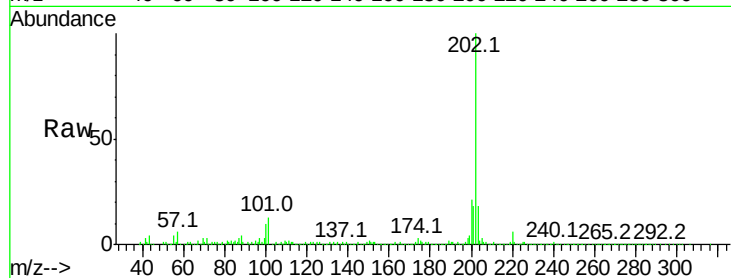
Tot Ion:202 Resp: 630903

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

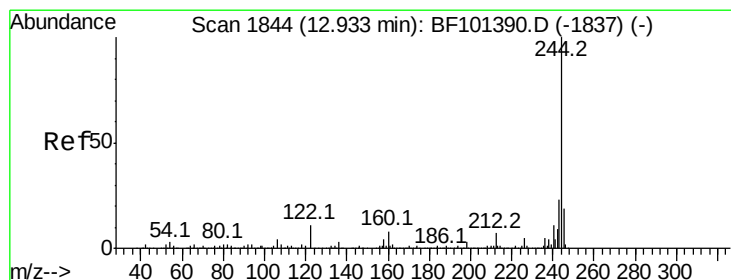
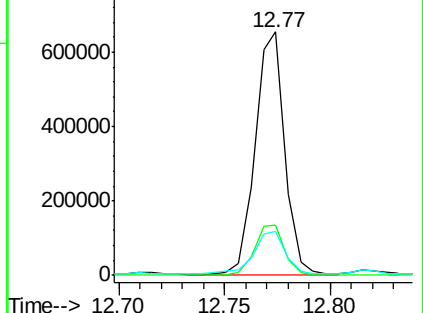
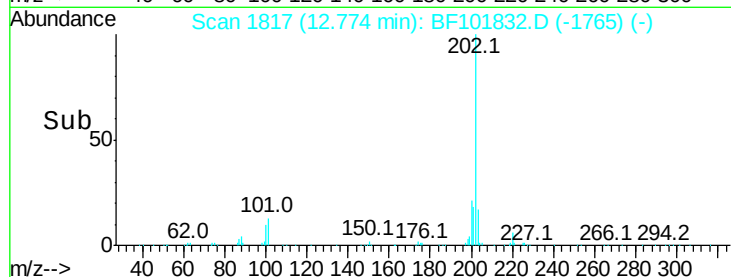
203 18.2 14.3 21.5



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: 81.392 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

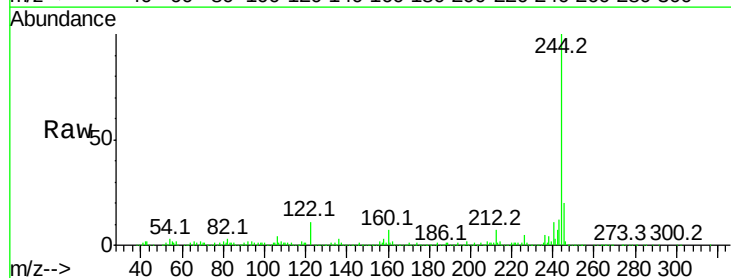
Tgt Ion:244 Resp: 849643

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

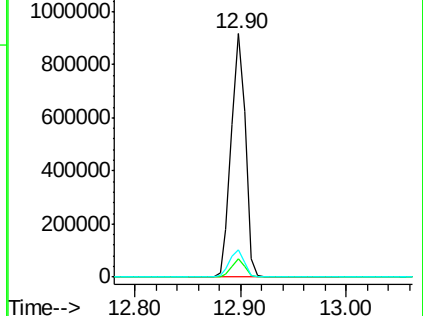
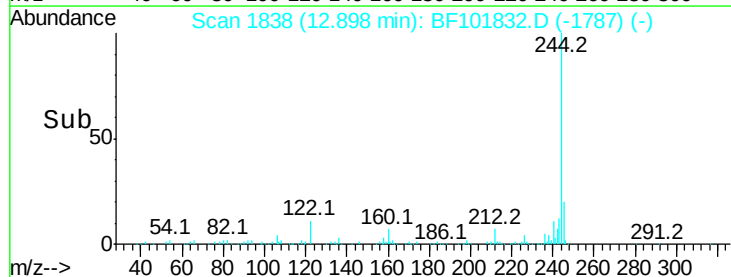
122 11.4 11.0 16.4

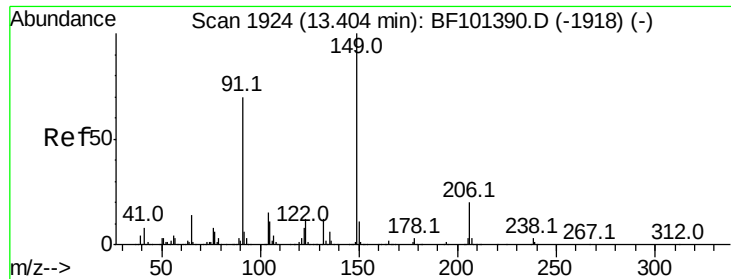


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

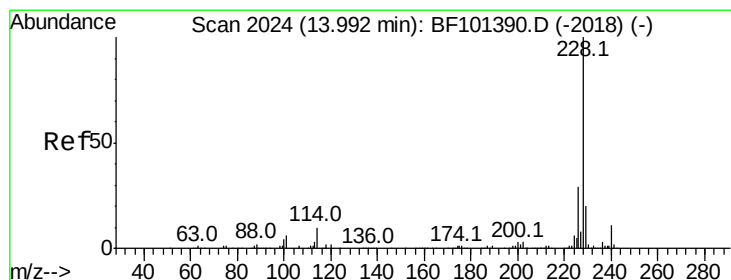
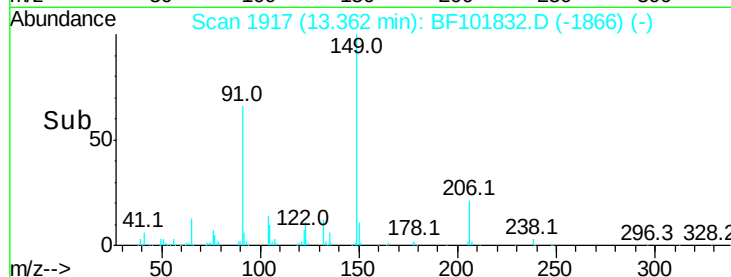
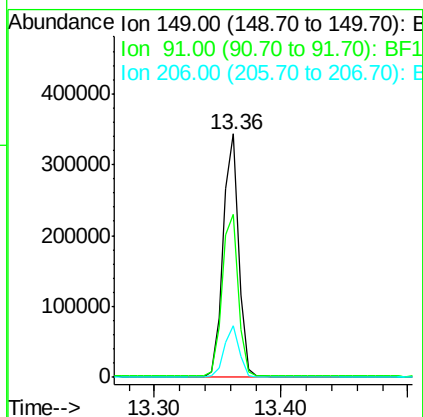
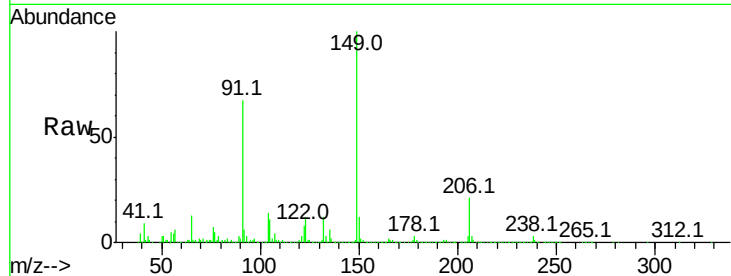




#79
Butylbenzylphthalate
Concen: 34.249 ng
RT: 13.36 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

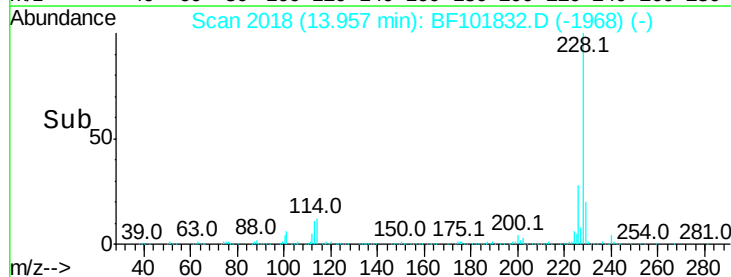
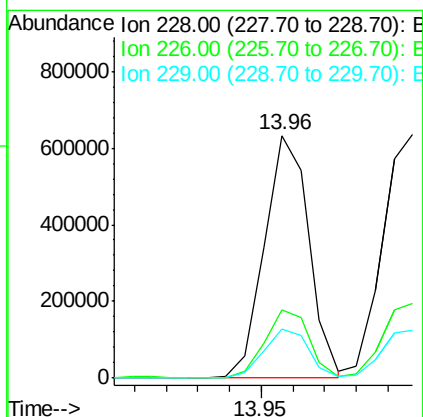
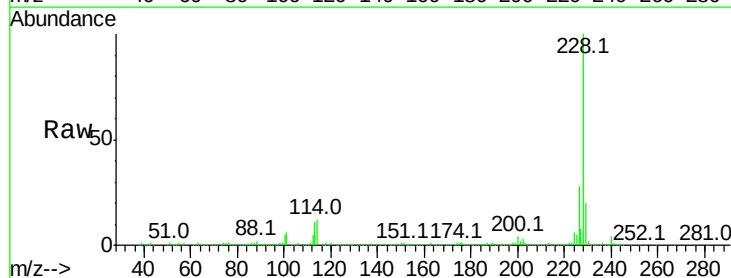
Instrument :
BNA_F
ClientSampleId :

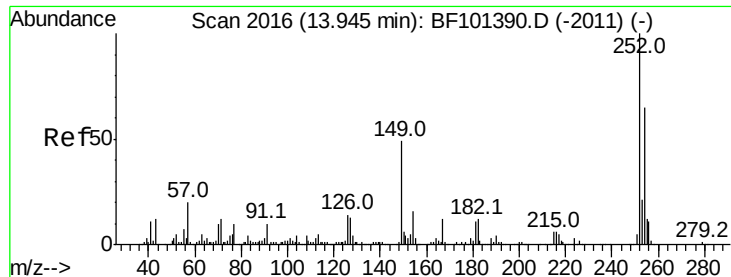
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.9	56.8	85.2
206	21.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.082 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 34.353 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

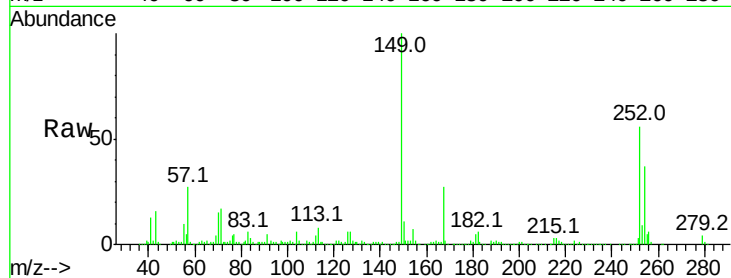
Tot Ion:252 Resp: 186139

Ion Ratio Lower Upper

252 100

254 66.0 50.4 75.6

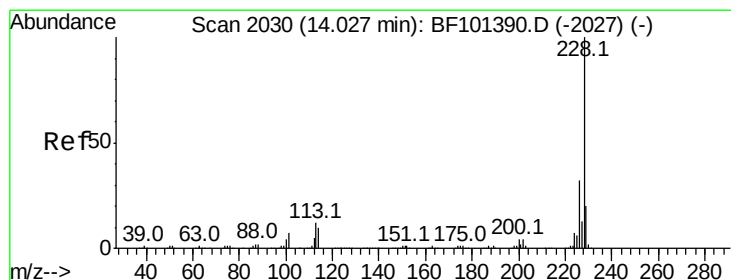
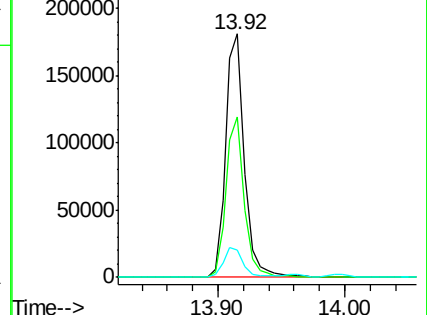
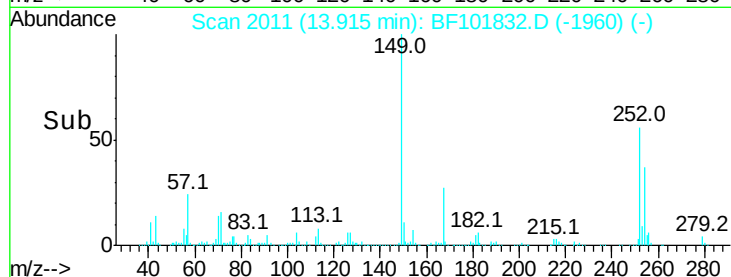
126 11.4 11.3 16.9



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: 38.669 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

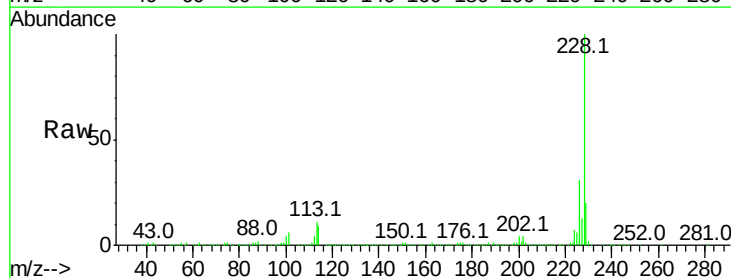
Tgt Ion:228 Resp: 606710

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

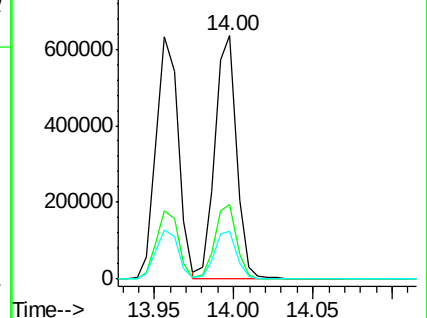
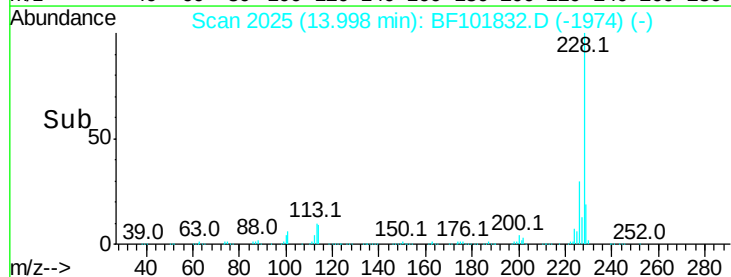
229 19.6 16.2 24.4

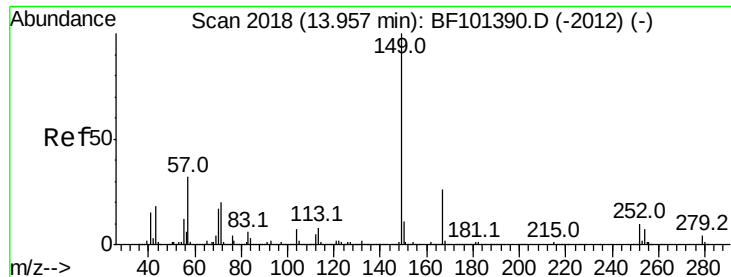


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

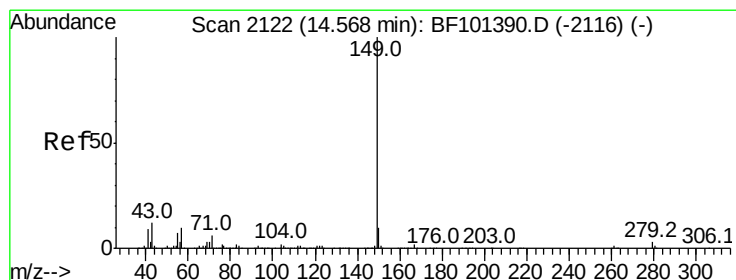
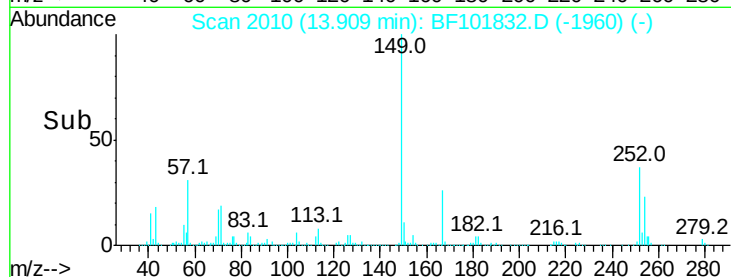
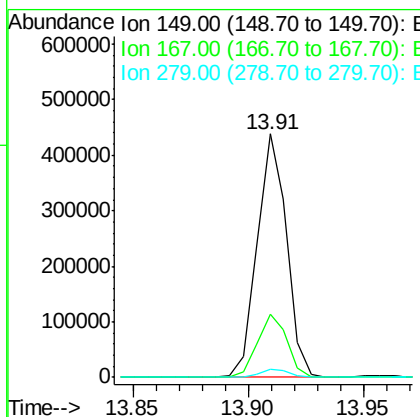
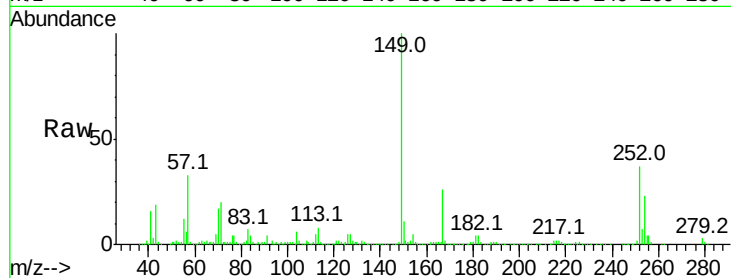




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.692 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

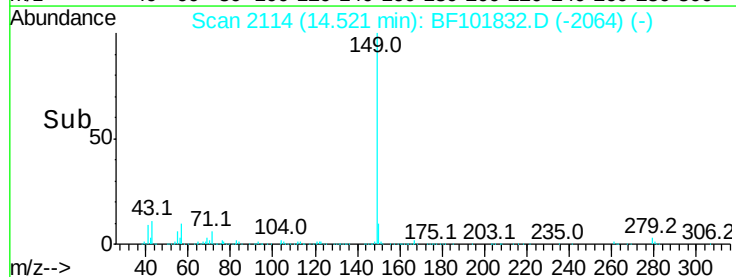
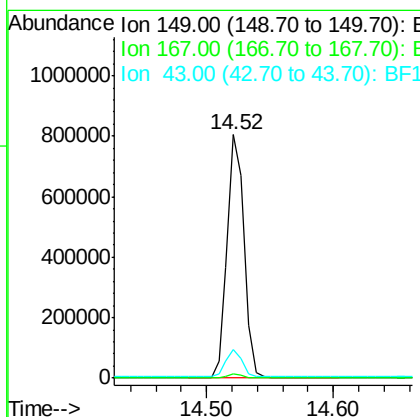
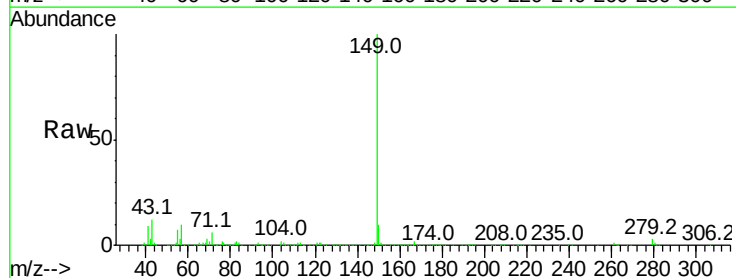
Instrument :
 BNA_F
 ClientSampled :

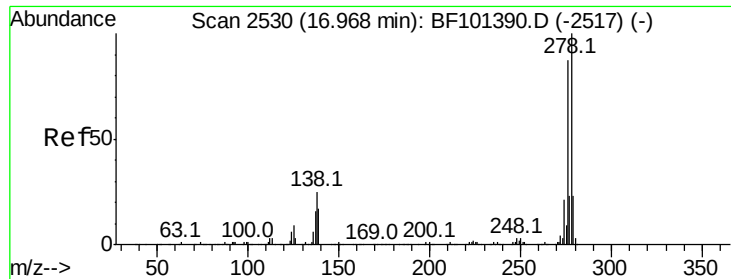
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 38.307 ng
 RT: 14.52 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.021 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

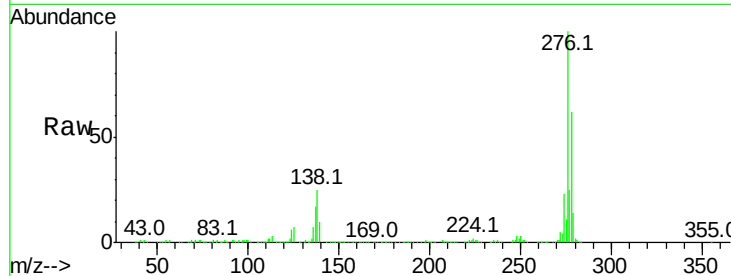
Tot Ion:276 Resp: 615058

Ion Ratio Lower Upper

276 100

138 28.6 25.0 37.6

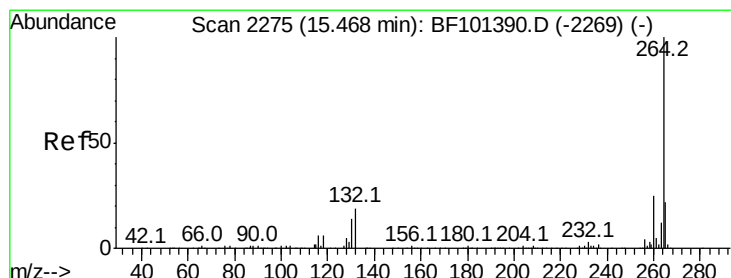
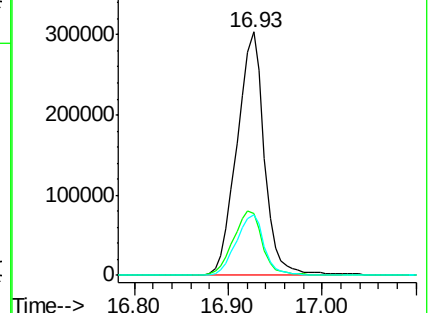
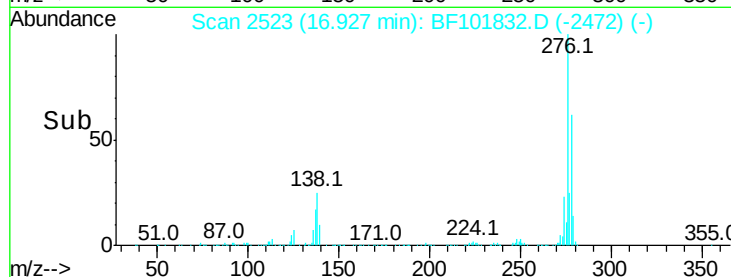
277 25.7 20.1 30.1



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

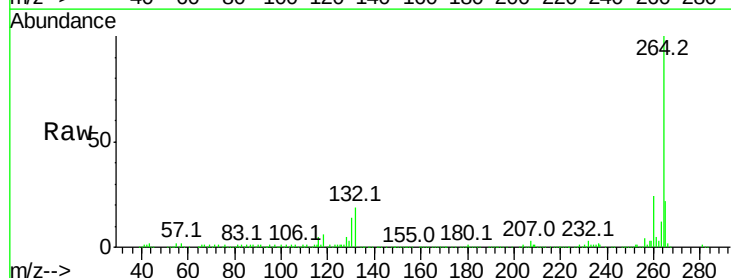
Tgt Ion:264 Resp: 296352

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

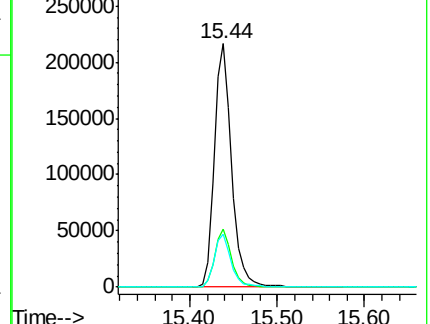
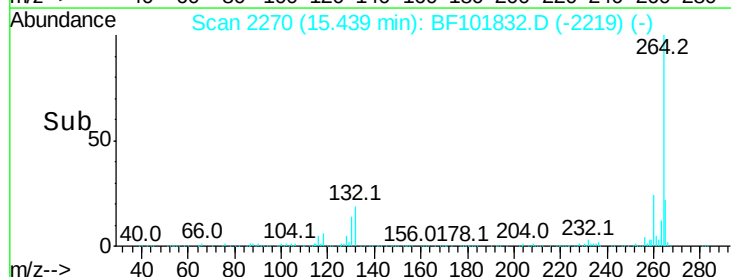
265 21.5 17.5 26.3

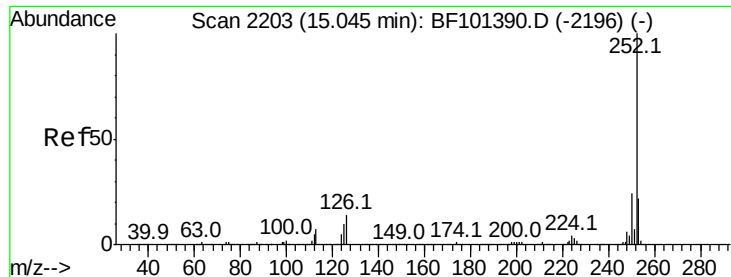


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

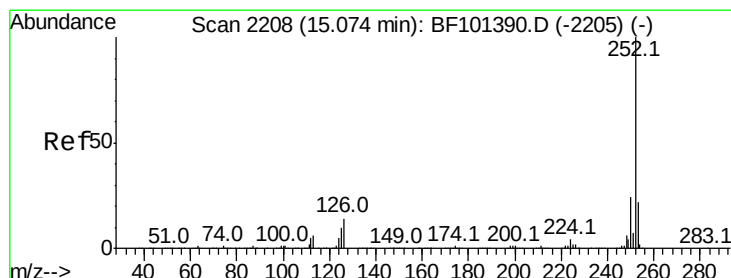
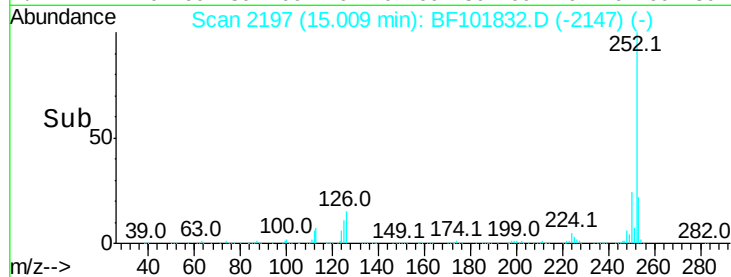
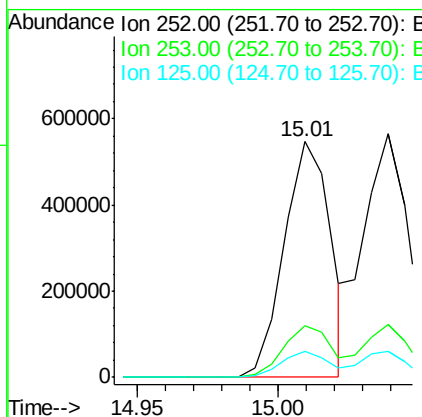
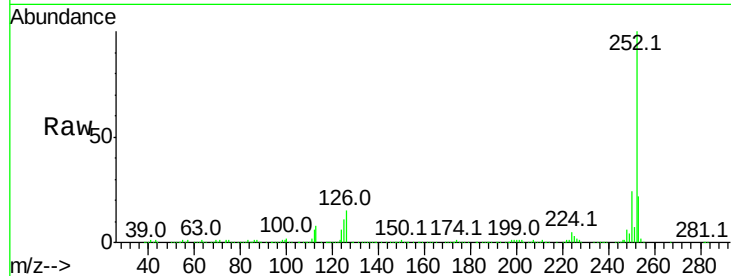




#87
Benzo(b)fluoranthene
Concen: 34.531 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

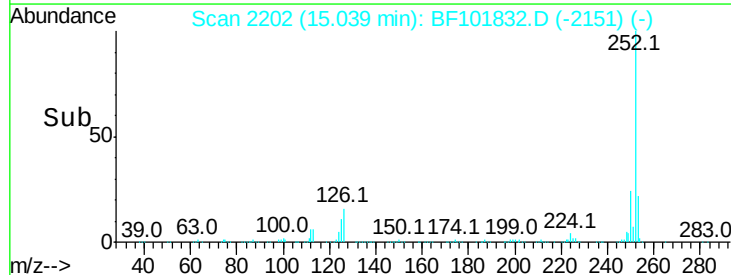
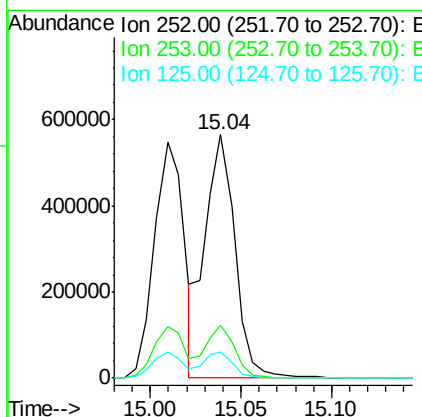
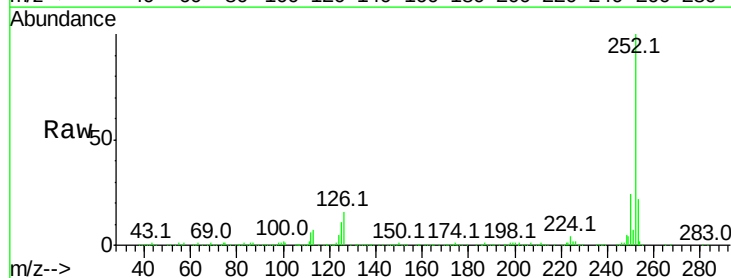
Instrument :
BNA_F
ClientSampleId :

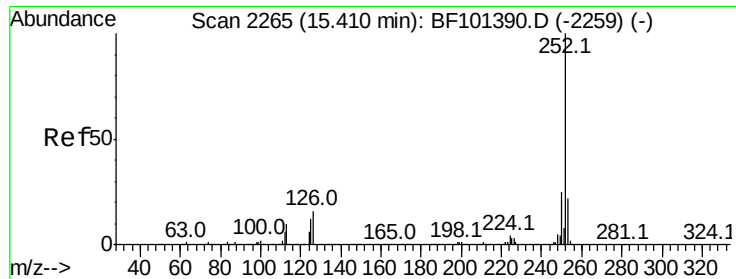
Tot Ion:252 Resp: 623750
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.514 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:252 Resp: 641282
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 10.9 10.2 15.2

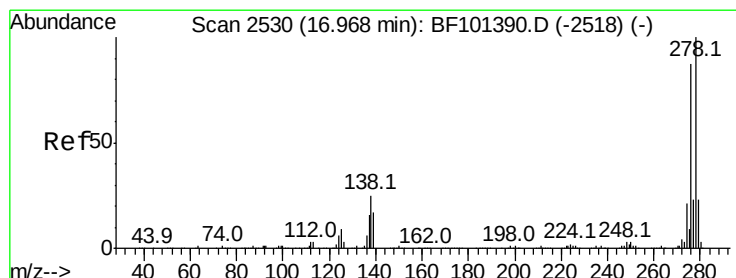
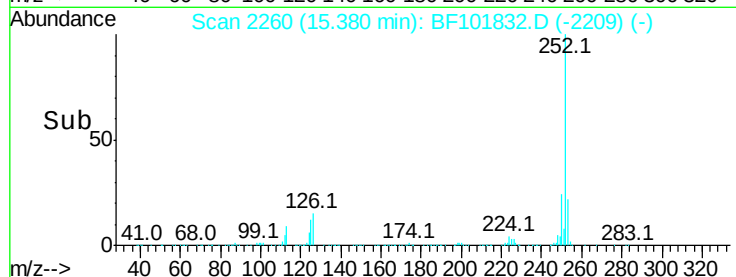
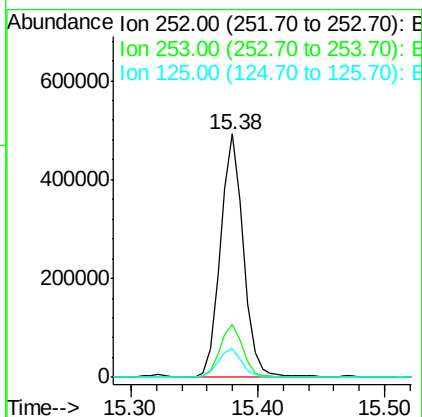
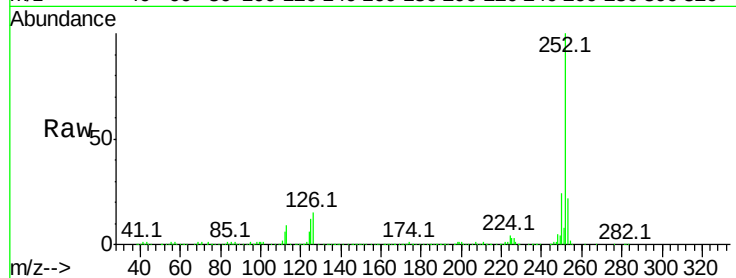




#89
Benzo(a)pyrene
Concen: 37.081 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

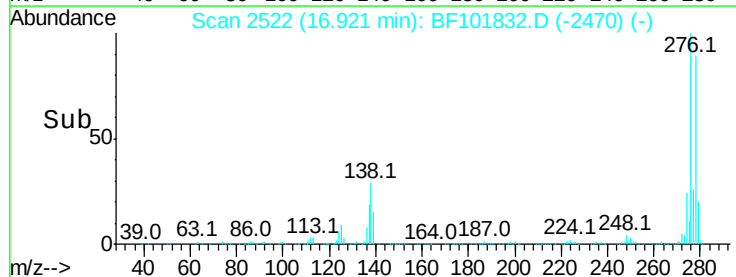
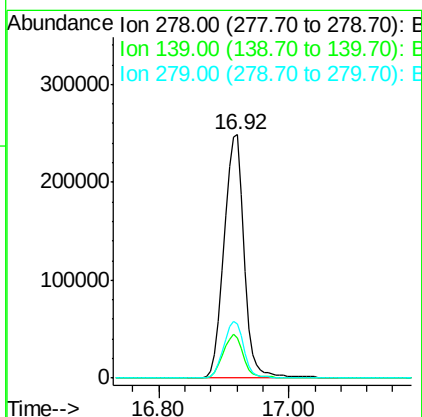
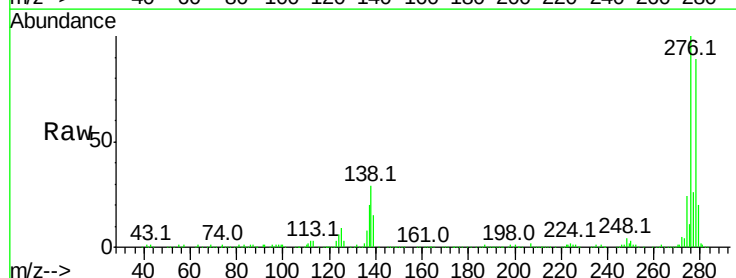
Instrument :
BNA_F
ClientSampleId :

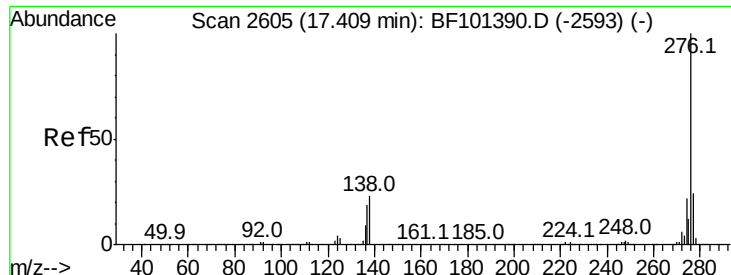
Tot Ion:252 Resp: 617465
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 11.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.310 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:278 Resp: 533421
Ion Ratio Lower Upper
278 100
139 16.6 15.9 23.9
279 22.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.931 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.00 min

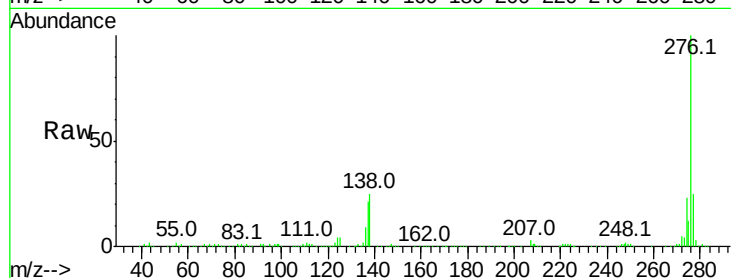
Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 508682

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 25.2 21.8 32.8

