

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101544.D
 Acq On : 20 Dec 2017 2:16
 Operator : SJ/JU
 Sample : PB105156BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

Quant Time: Dec 20 07:04:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145832	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	578094	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	248346	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	387877	20.00	ng	0.00
75) Chrysene-d12	13.99	240	278011	20.00	ng	0.00
86) Perylene-d12	15.46	264	317472	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	851252	86.95	ng	0.02
7) Phenol-d6	6.45	99	964997	79.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	880980	84.83	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	183020	76.48	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1392619	86.99	ng	0.00
78) Terphenyl-d14	12.92	244	957265	83.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	184182	36.613	ng	95
3) Pyridine	3.38	79	477123	34.137	ng	95
4) n-Nitrosodimethylamine	3.35	42	243473	37.834	ng	97
6) Aniline	6.47	93	425614	25.136	ng	# 78
8) 2-Chlorophenol	6.60	128	387447	37.621	ng	96
9) Benzaldehyde	6.36	77	237991	26.448	ng	96
10) Phenol	6.47	94	502186	36.162	ng	82
11) bis(2-Chloroethyl)ether	6.55	93	401140	36.825	ng	95
12) 1,3-Dichlorobenzene	6.75	146	434660	37.396	ng	98
13) 1,4-Dichlorobenzene	6.82	146	436090	36.741	ng	100
14) 1,2-Dichlorobenzene	6.97	146	395156	36.986	ng	98
15) Benzyl Alcohol	6.96	79	284838	33.964	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	649117	38.936	ng	71
17) 2-Methylphenol	7.07	107	317351	33.500	ng	# 93
18) Hexachloroethane	7.31	117	151209	36.641	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	271496	33.930	ng	92
20) 3+4-Methylphenols	7.23	107	402746	40.120	ng	# 66
22) Acetophenone	7.22	105	533103	40.415	ng	# 91
24) Nitrobenzene	7.40	77	443248	38.564	ng	98
25) Isophorone	7.63	82	816953	39.214	ng	97
26) 2-Nitrophenol	7.72	139	213002	43.136	ng	97
27) 2,4-Dimethylphenol	7.75	122	352627	42.035	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	515026	38.918	ng	98
29) 2,4-Dichlorophenol	7.96	162	329558	39.764	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	334195	38.211	ng	97
31) Naphthalene	8.11	128	1067198	36.669	ng	99
32) Benzoic acid	7.89	122	130875	27.275	ng	95
33) 4-Chloroaniline	8.17	127	237195	18.752	ng	97
34) Hexachlorobutadiene	8.22	225	194325	38.416	ng	99
35) Caprolactam	8.55	113	107792	37.457	ng	89
36) 4-Chloro-3-methylphenol	8.66	107	341509	37.491	ng	100
37) 2-Methylnaphthalene	8.80	142	712291	37.565	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	338449	40.365	ng	98
40) Hexachlorocyclopentadiene	8.95	237	21803	26.879	ng	100

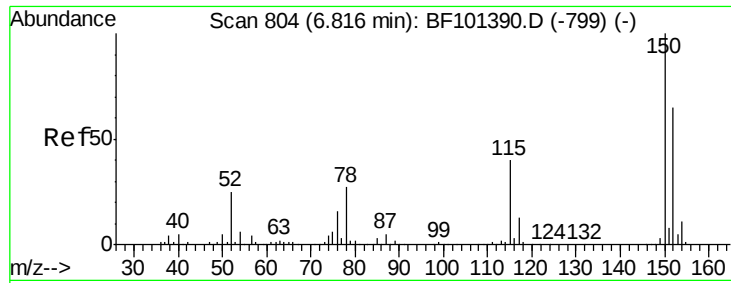
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	200143	39.649	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	203932	36.897	nq	94
45) 1,1'-Biphenyl	9.27	154	848766	38.537	nq	100
46) 2-Chloronaphthalene	9.30	162	636983	37.798	nq	97
47) 2-Nitroaniline	9.40	65	225366	38.712	nq	92
48) Acenaphthylene	9.71	152	932634	35.038	nq	100
49) Dimethylphthalate	9.57	163	719876	36.037	nq	99
50) 2,6-Dinitrotoluene	9.65	165	158299	38.990	nq	97
51) Acenaphthene	9.88	154	556117	34.775	nq	100
52) 3-Nitroaniline	9.82	138	123568	24.412	nq	97
53) 2,4-Dinitrophenol	9.96	184	19616	22.403	nq	# 14
54) Dibenzofuran	10.05	168	761961	37.493	nq	96
55) 4-Nitrophenol	10.00	139	135661	61.464	nq	86
56) 2,4-Dinitrotoluene	10.06	165	176301	38.542	nq	# 83
57) Fluorene	10.40	166	618997	36.005	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	149806	37.725	nq	88
59) Diethylphthalate	10.26	149	707711	35.776	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	310532	37.688	nq	90
61) 4-Nitroaniline	10.43	138	140967	27.706	nq	98
62) Azobenzene	10.55	77	703242	34.317	nq	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	27031	13.656	nq	94
65) n-Nitrosodiphenylamine	10.50	169	580058	40.501	nq	95
66) 4-Bromophenyl-phenylether	10.87	248	188027	43.142	nq	# 89
67) Hexachlorobenzene	10.95	284	180987	39.237	nq	# 89
68) Atrazine	11.03	200	187302	43.859	nq	98
69) Pentachlorophenol	11.15	266	98033	56.730	nq	97
70) Phenanthrene	11.36	178	792420	36.736	nq	99
71) Anthracene	11.42	178	819059	37.173	nq	100
72) Carbazole	11.57	167	719552	34.880	nq	100
73) Di-n-butylphthalate	11.89	149	1003373	40.074	nq	100
74) Fluoranthene	12.56	202	722628	31.916	nq	97
76) Benzidine	12.68	184	506414	43.129	nq	98
77) Pyrene	12.79	202	735750	35.263	nq	99
79) Butylbenzylphthalate	13.39	149	349959	37.069	nq	98
80) Benzo(a)anthracene	13.98	228	698635	38.057	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	238965	39.922	nq	98
82) Chrysene	14.02	228	665238	38.380	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	437998	36.629	nq	# 99
84) Di-n-octyl phthalate	14.55	149	802432	37.628	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	663718	43.001	nq	96
87) Benzo(b)fluoranthene	15.03	252	714646	36.931	nq	99
88) Benzo(k)fluoranthene	15.06	252	660312	35.097	nq	97
89) Benzo(a)pyrene	15.40	252	692316	38.810	nq	99
90) Dibenzo(a,h)anthracene	16.94	278	565068	36.894	nq	97
91) Benzo(g,h,i)perylene	17.39	276	533351	35.168	nq	95

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

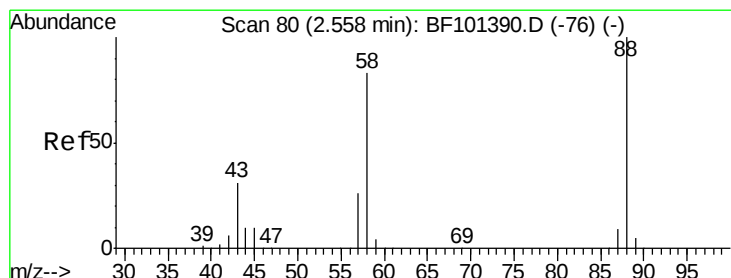
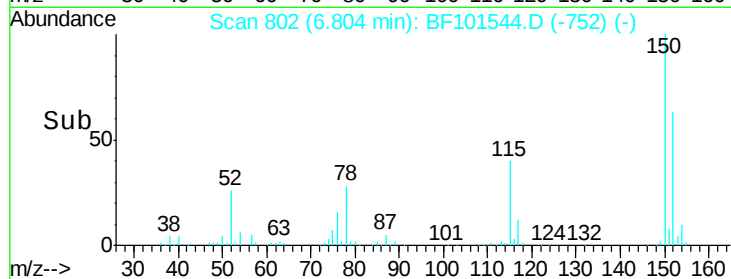
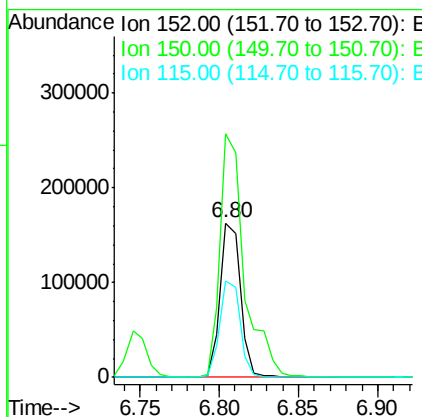
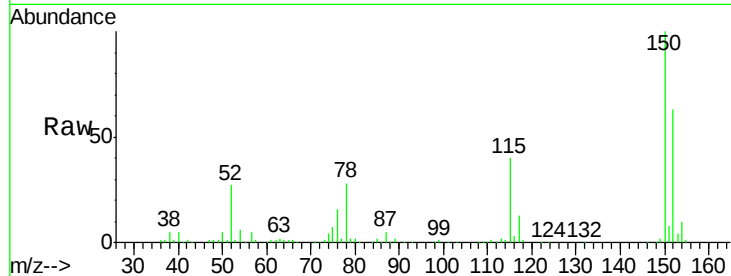


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Instrument :
BNA_F
ClientSampleId :
PB105156BSD

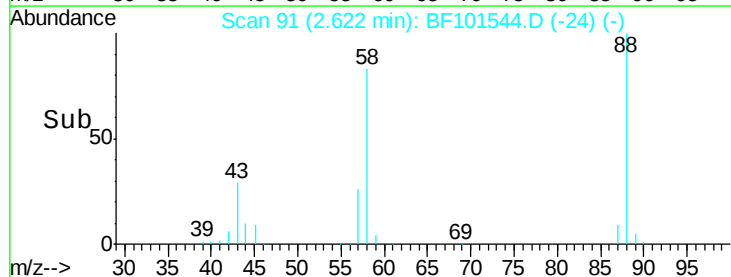
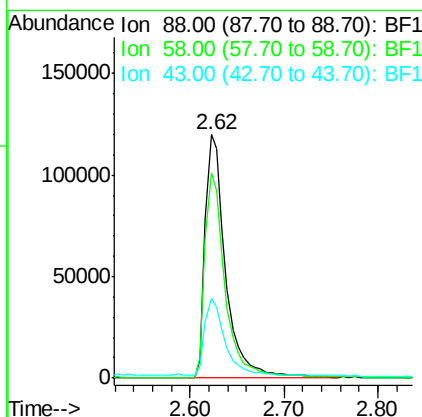
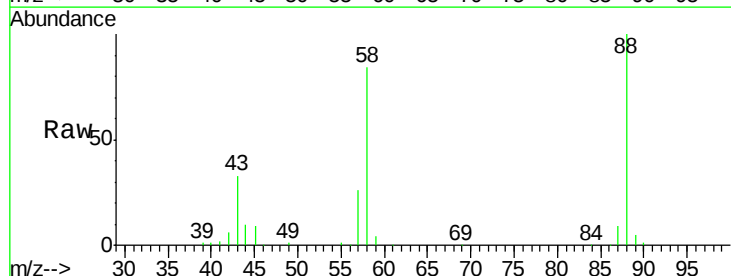
Tot Ion:152 Resp: 145832
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 62.9 50.1 75.1

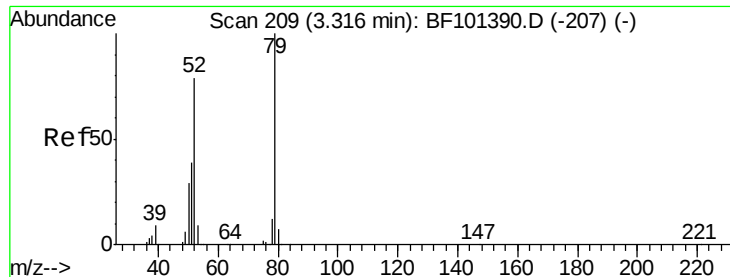


#2

1,4-Dioxane
Concen: 36.613 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.09 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion: 88 Resp: 184182
Ion Ratio Lower Upper
88 100
58 84.3 62.6 93.8
43 30.3 24.6 37.0





#3

Pvridine

Concen: 34.137 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.08 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

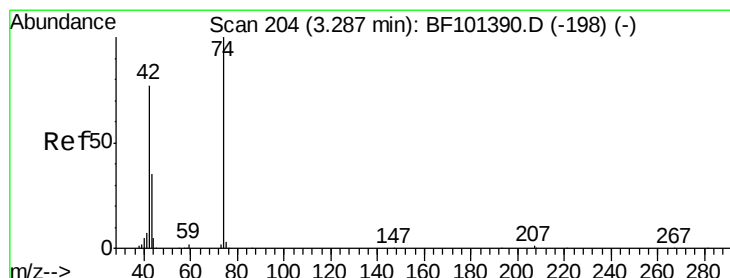
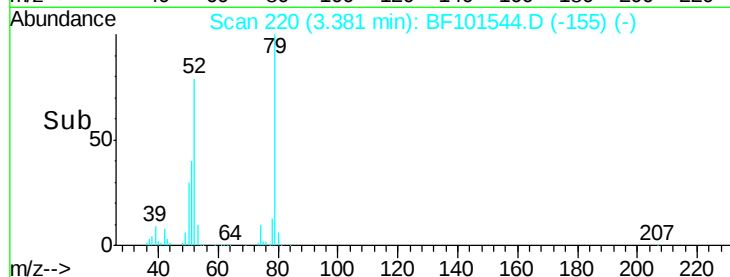
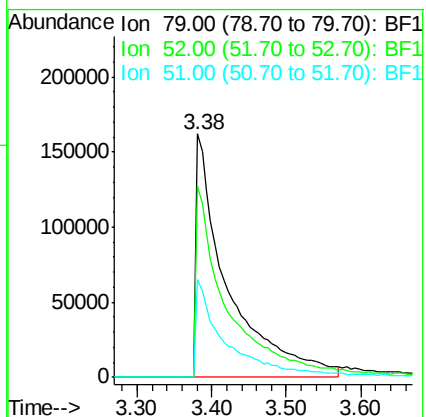
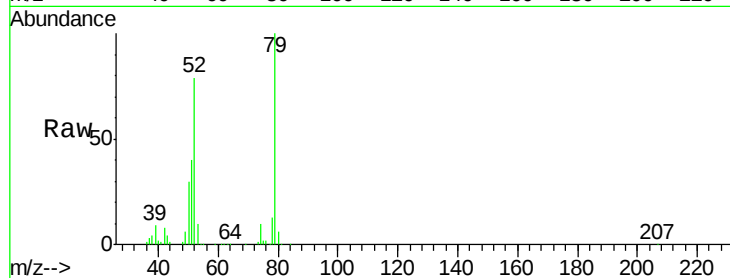
Tot Ion: 79 Resp: 477123

Ion Ratio Lower Upper

79 100

52 78.6 59.8 89.6

51 39.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.834 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

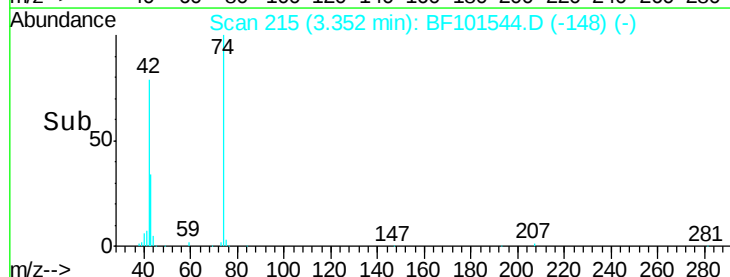
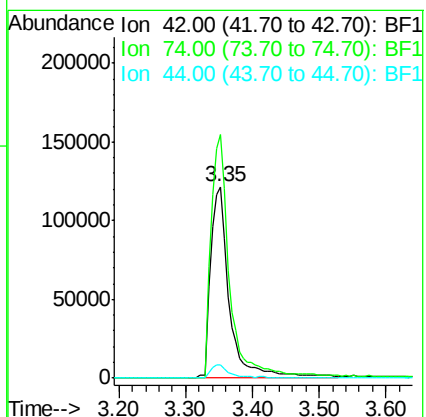
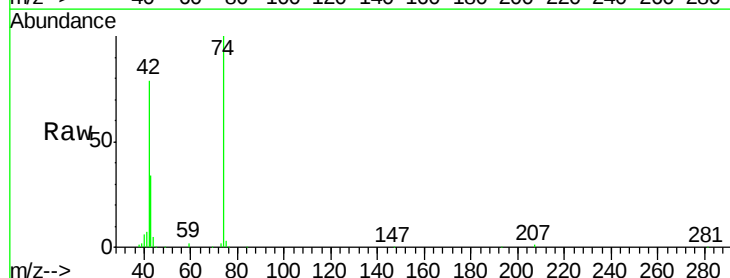
Tgt Ion: 42 Resp: 243473

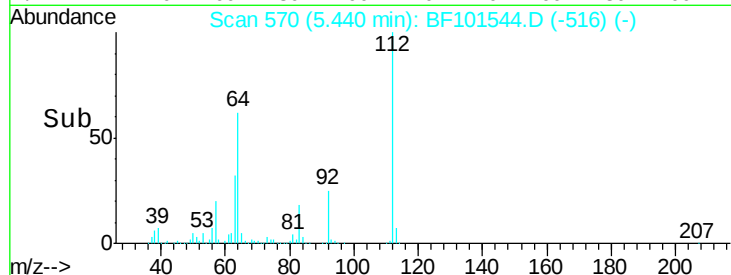
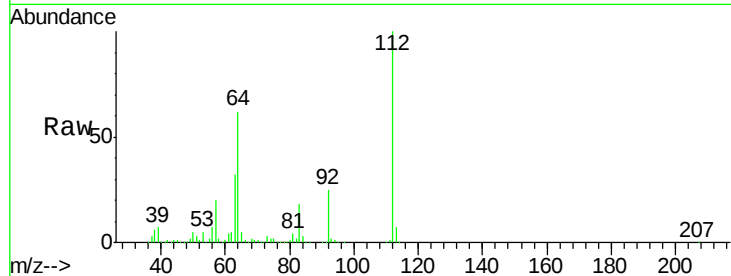
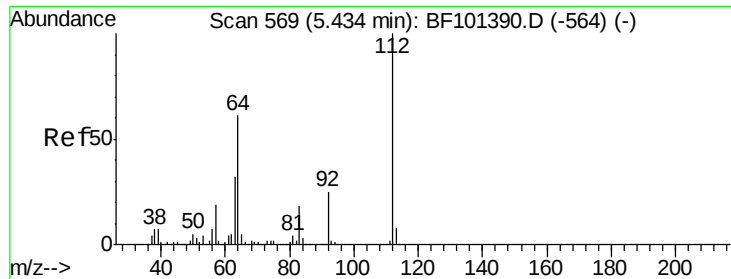
Ion Ratio Lower Upper

42 100

74 127.3 104.9 157.3

44 7.0 6.9 10.3

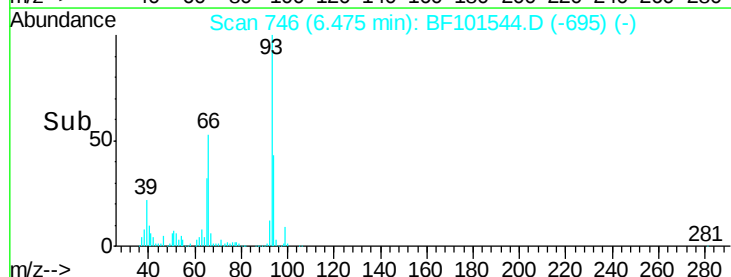
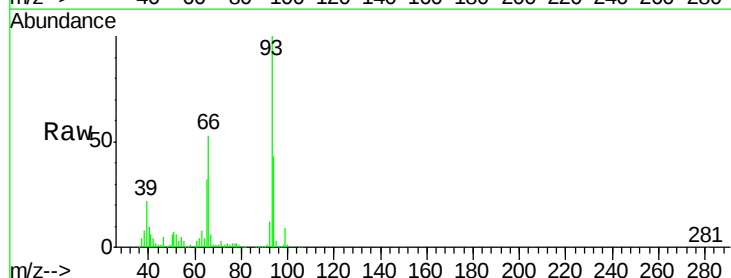
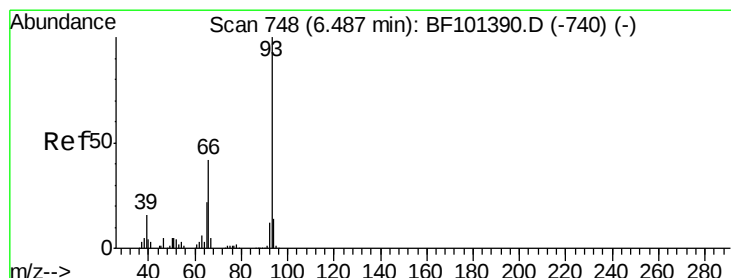
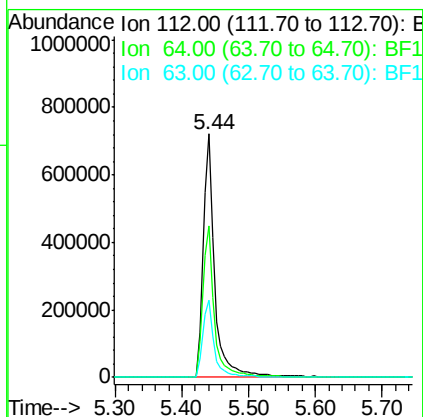




#5
2-Fluorophenol
Concen: 86.950 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

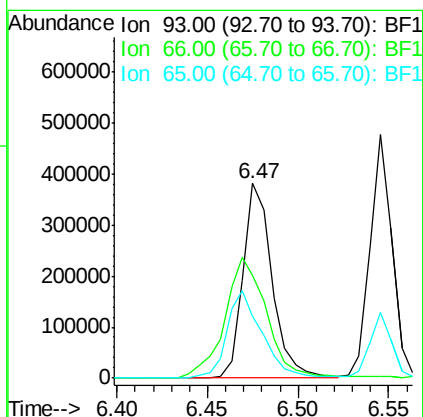
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

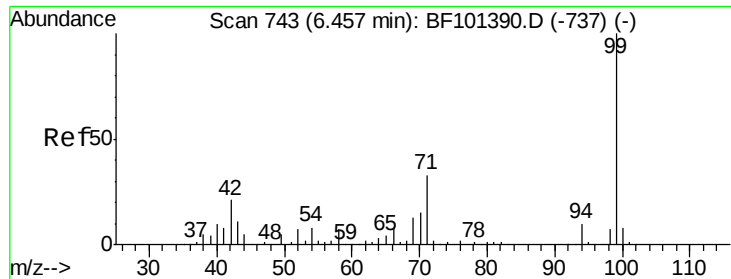
Tot Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	31.8	23.7	35.5



#6
Aniline
Concen: 25.136 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
93	100		
66	53.1	32.2	48.2#
65	31.5	16.4	24.6#





#7

Phenol-d6

Concen: 79.201 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

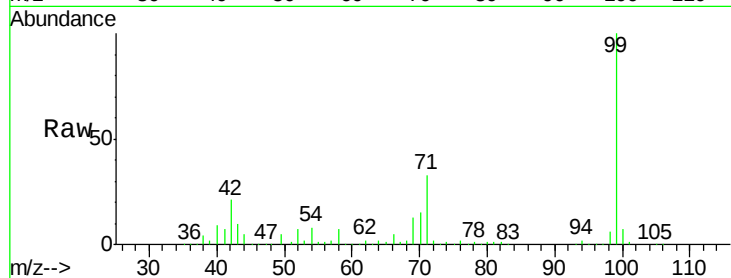
Tot Ion: 99 Resp: 964997

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

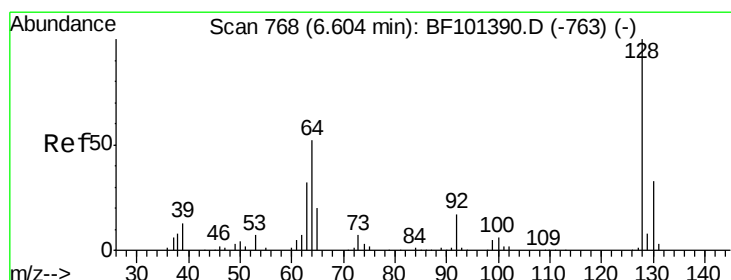
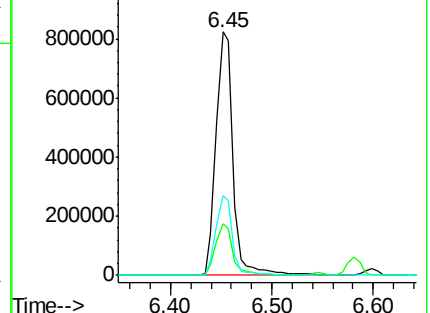
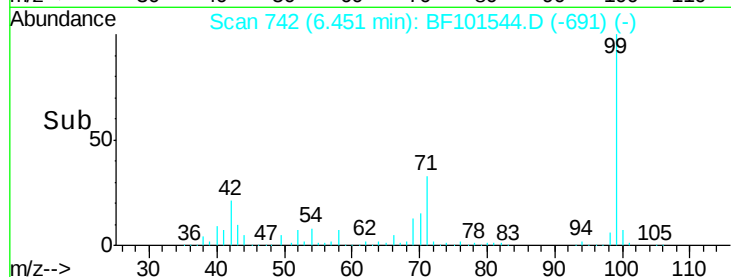
71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.621 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

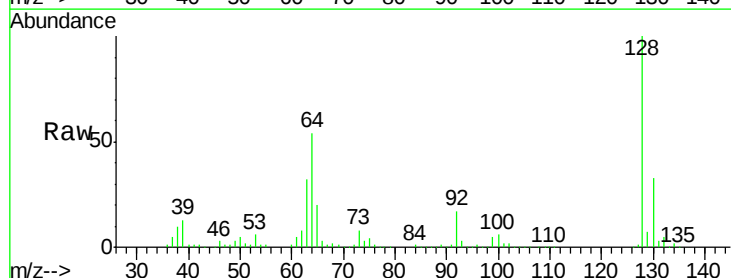
Tgt Ion: 128 Resp: 387447

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

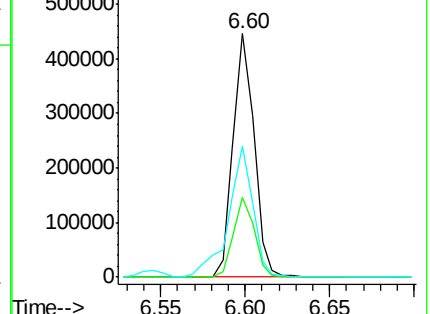
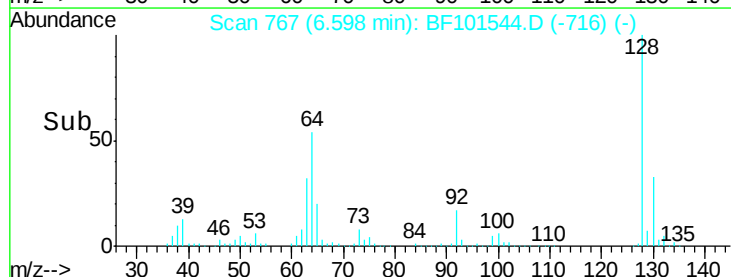
64 53.6 29.4 69.4

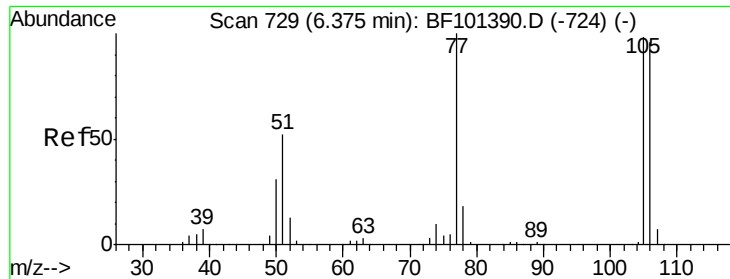


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

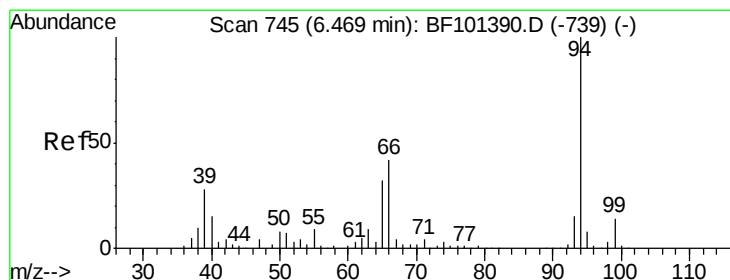
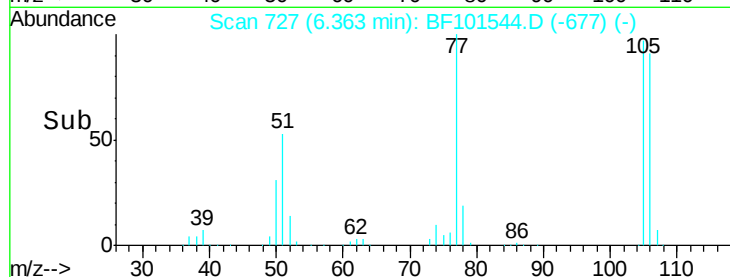
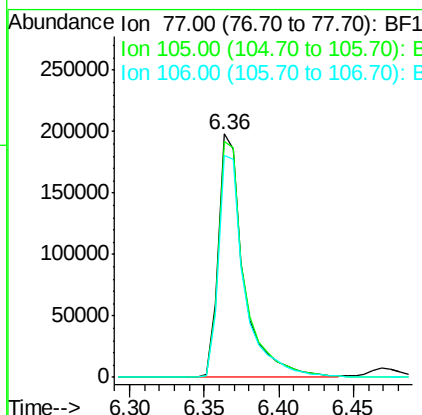
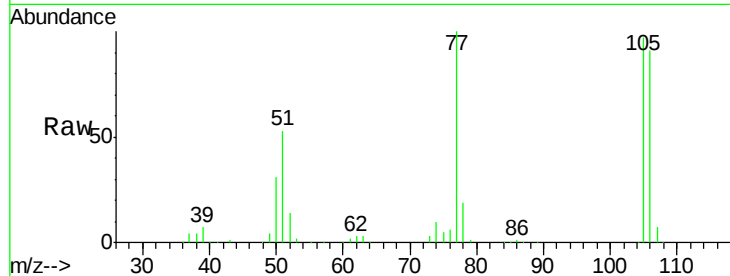




#9
Benzaldehyde
Concen: 26.448 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

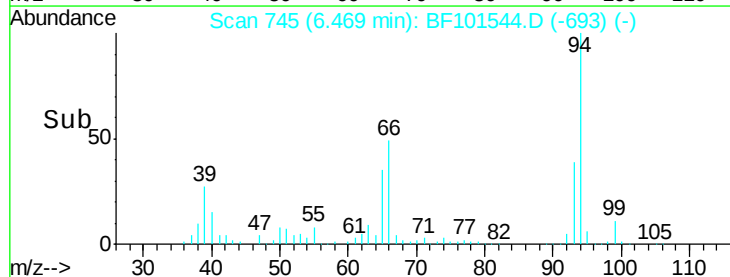
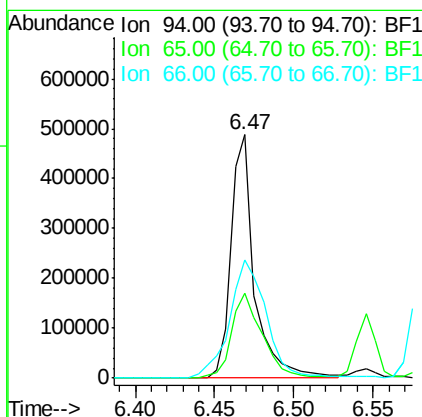
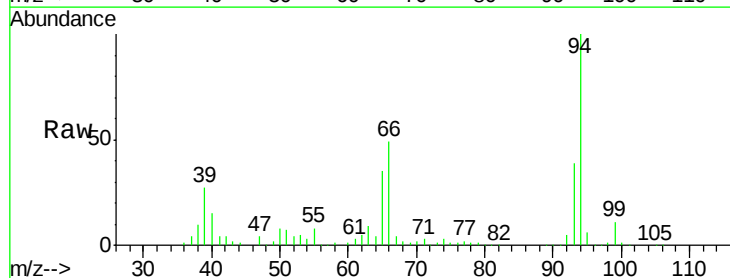
Instrument :
BNA_F
ClientSampleID :
PB105156BSD

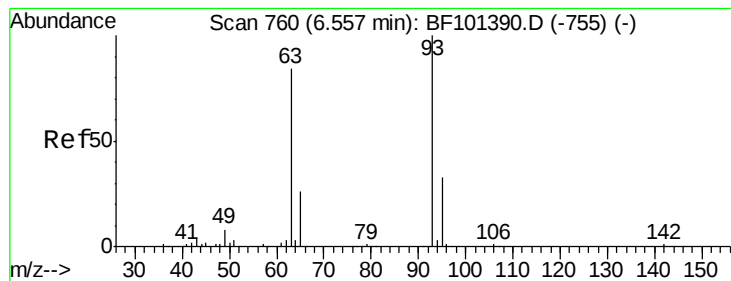
Tot Ion: 77 Resp: 237991
Ion Ratio Lower Upper
77 100
105 96.8 81.1 121.1
106 91.0 74.5 114.5



#10
Phenol
Concen: 36.162 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion: 94 Resp: 502186
Ion Ratio Lower Upper
94 100
65 34.9 7.9 47.9
66 48.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.825 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

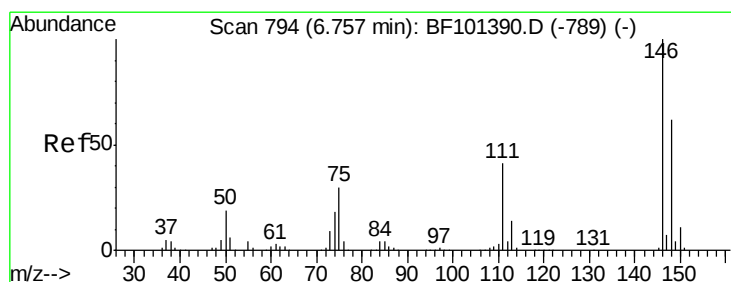
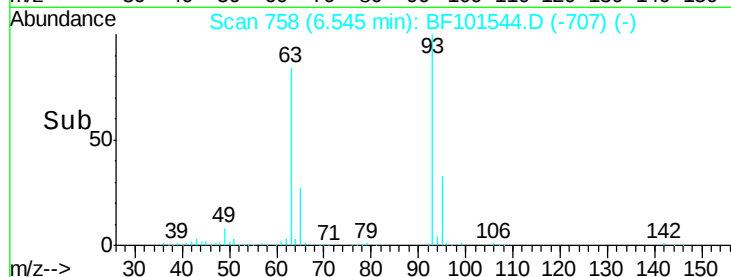
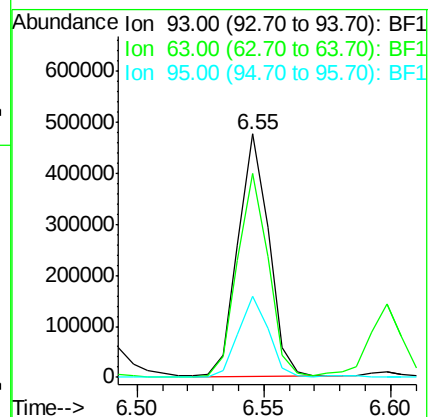
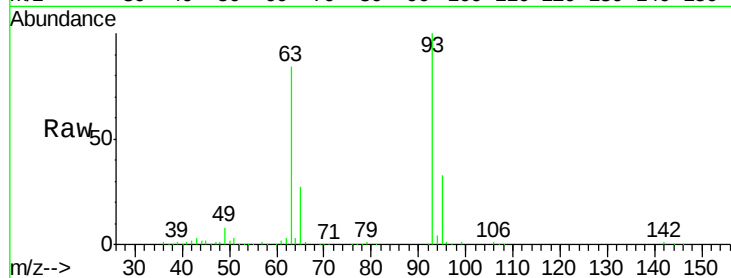
Tot Ion: 93 Resp: 401140

Ion Ratio Lower Upper

93 100

63 83.7 58.6 98.6

95 33.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.396 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

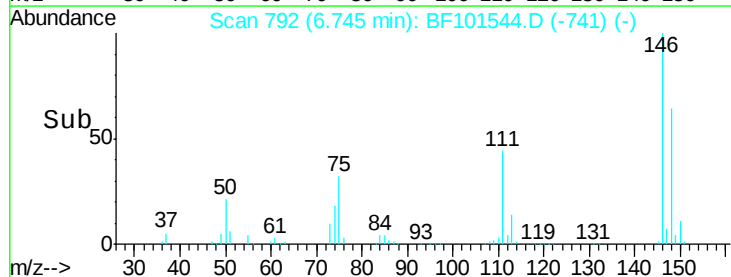
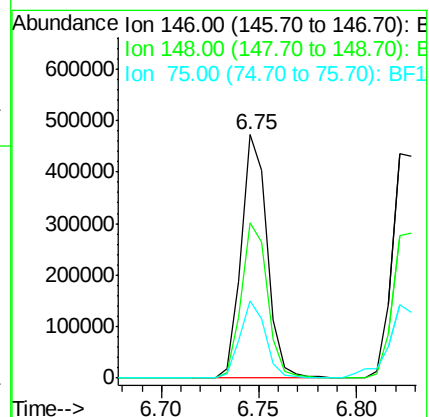
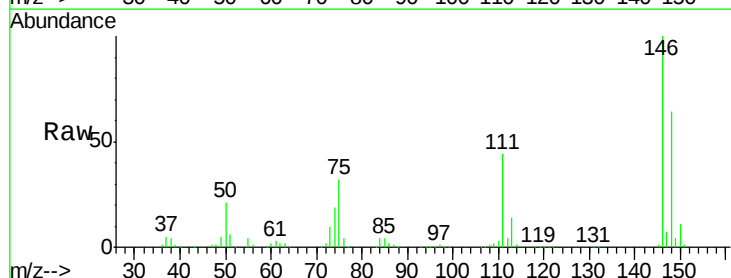
Tgt Ion: 146 Resp: 434660

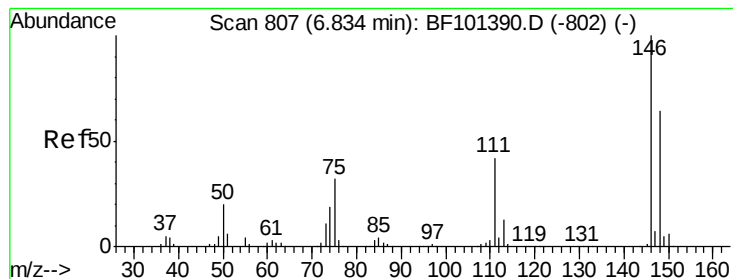
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

75 32.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.741 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

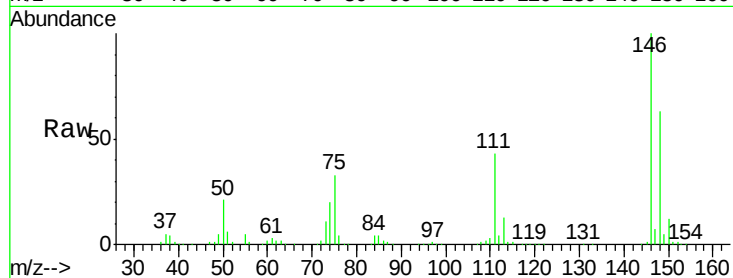
Tot Ion:146 Resp: 436090

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

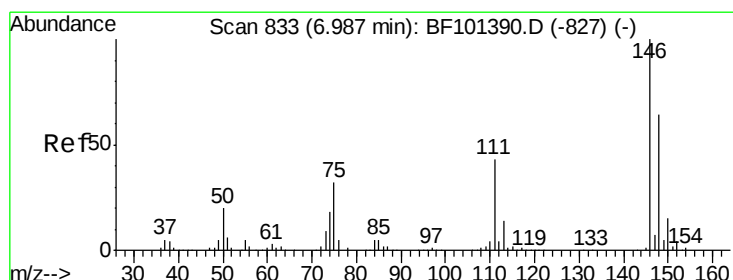
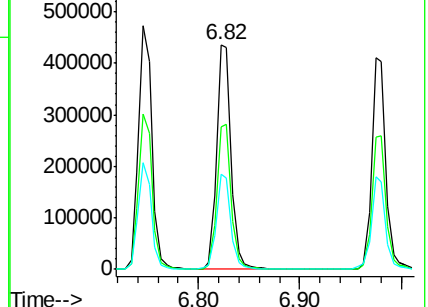
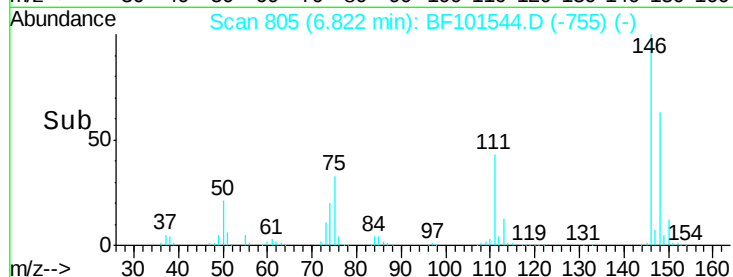
111 42.6 34.2 51.2



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: 36.986 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

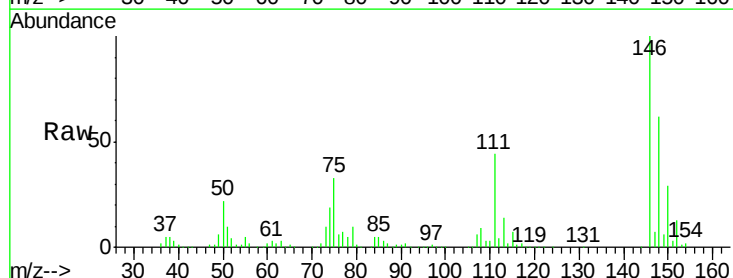
Tgt Ion:146 Resp: 395156

Ion Ratio Lower Upper

146 100

148 62.0 50.6 75.8

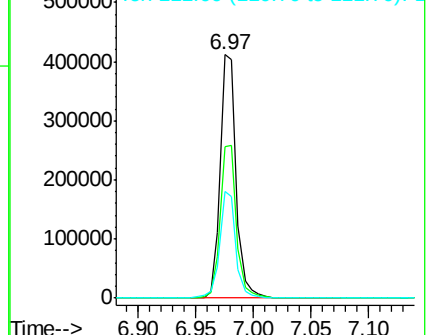
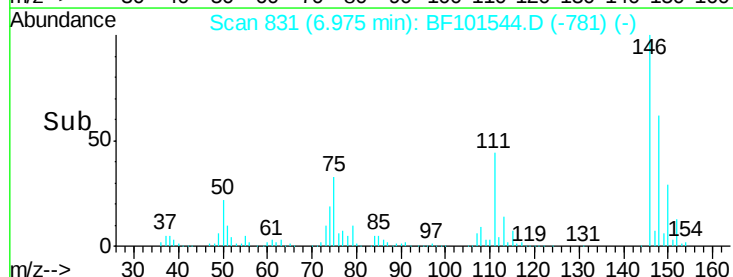
111 43.6 36.0 54.0

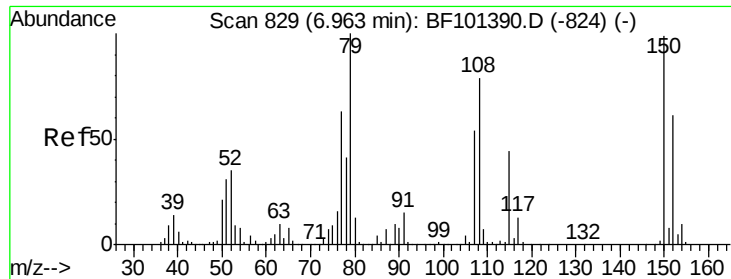


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

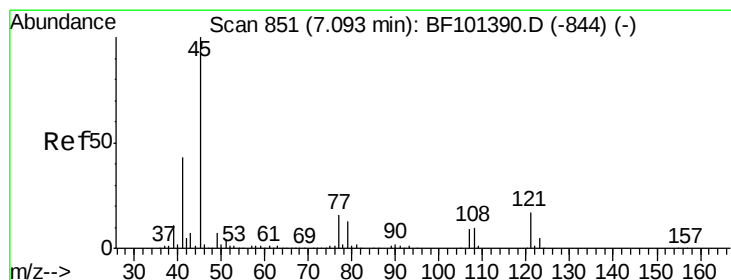
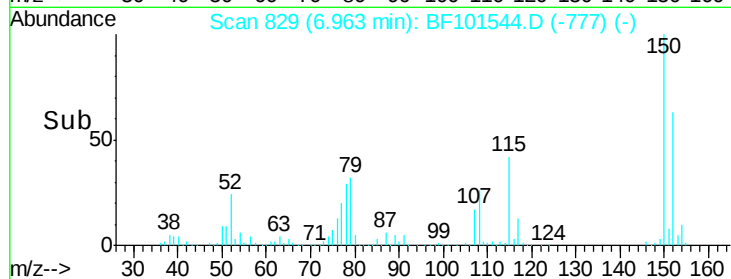
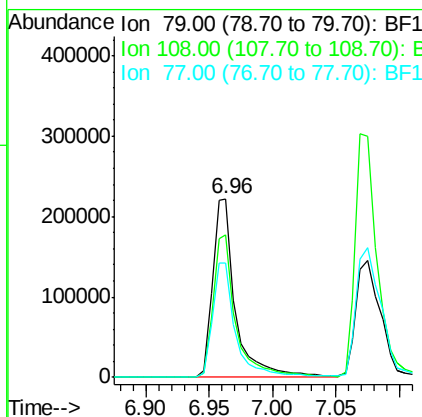
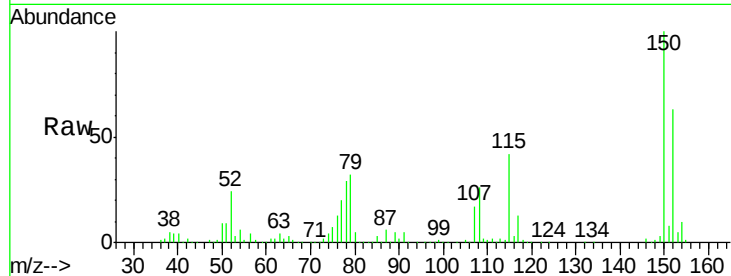




#15
Benzyl Alcohol
Concen: 33.964 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

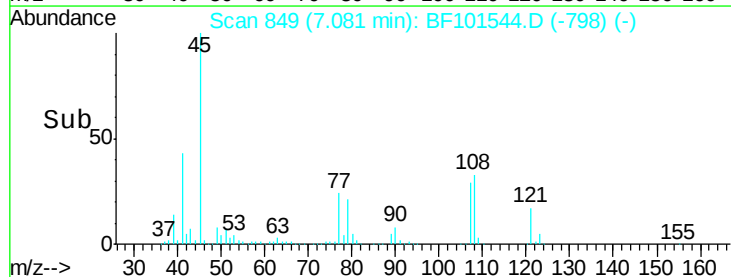
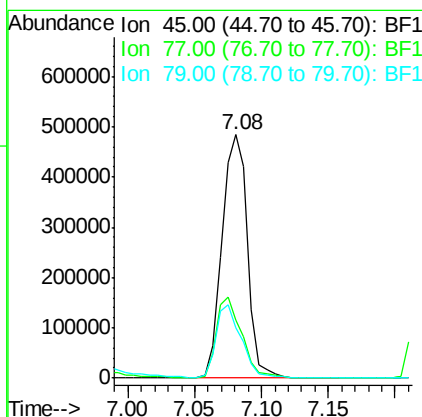
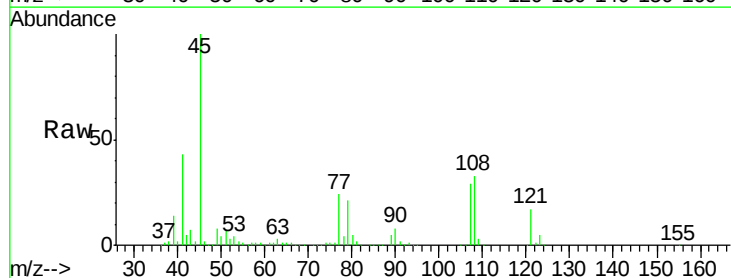
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

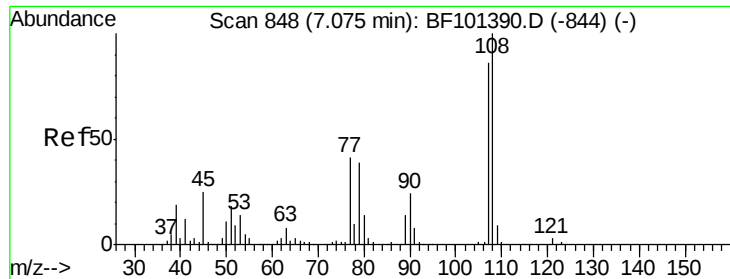
Tot Ion: 79 Resp: 284838
Ion Ratio Lower Upper
79 100
108 79.8 65.1 97.7
77 63.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.936 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion: 45 Resp: 649117
Ion Ratio Lower Upper
45 100
77 23.8 0.0 32.9
79 20.9 0.0 29.6

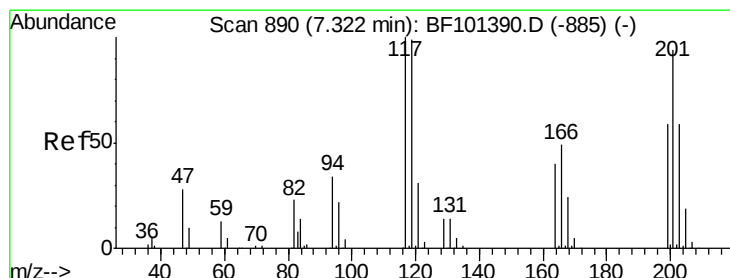
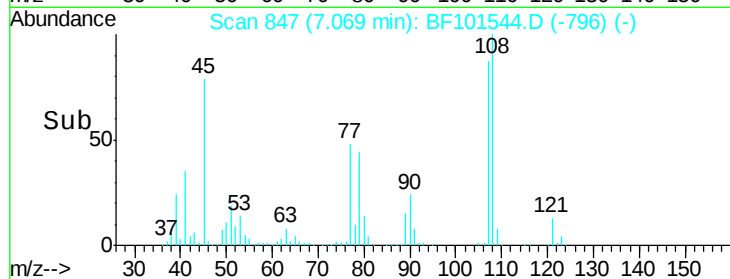
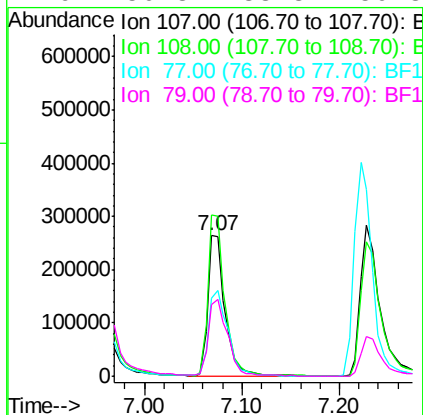
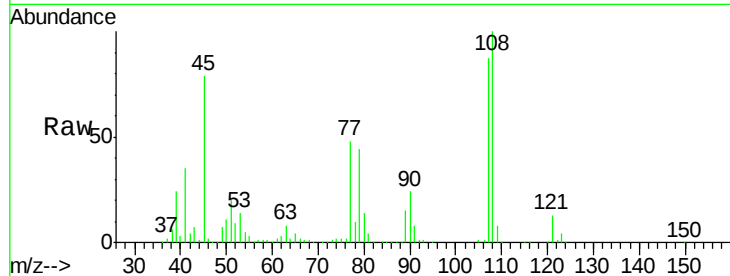




#17
2-Methylphenol
Concen: 33.500 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

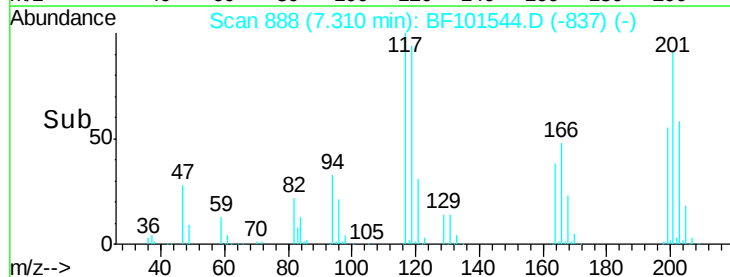
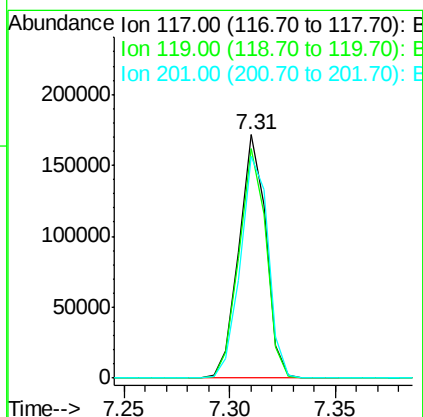
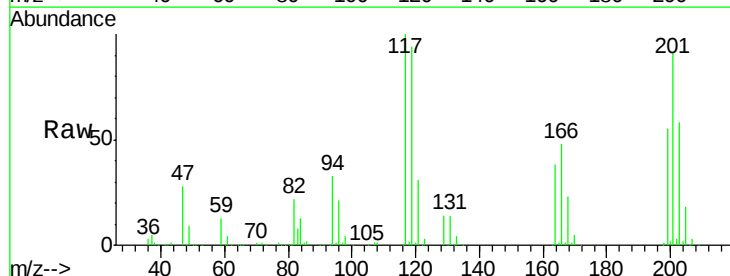
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

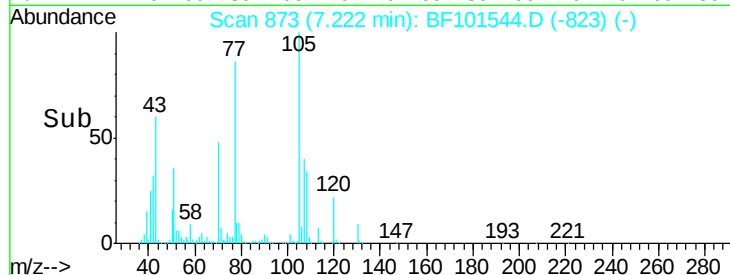
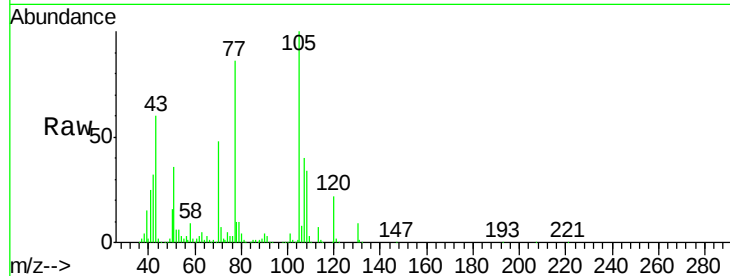
Tot Ion:107 Resp: 317351
Ion Ratio Lower Upper
107 100
108 114.8 91.7 137.5
77 55.6 33.8 50.8#
79 50.8 33.8 50.8#



#18
Hexachloroethane
Concen: 36.641 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion:117 Resp: 151209
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 91.0 75.7 113.5

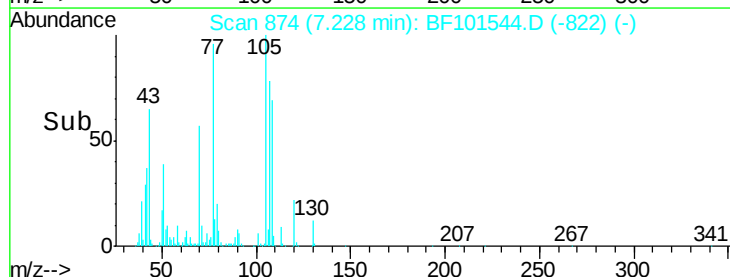
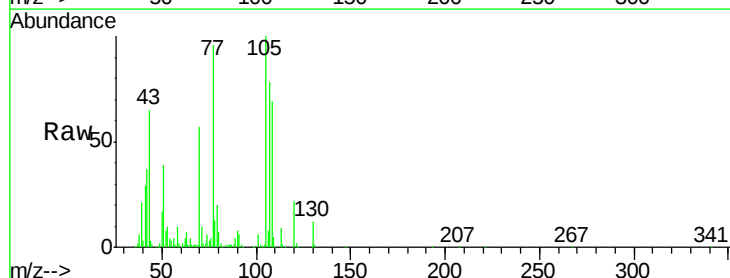
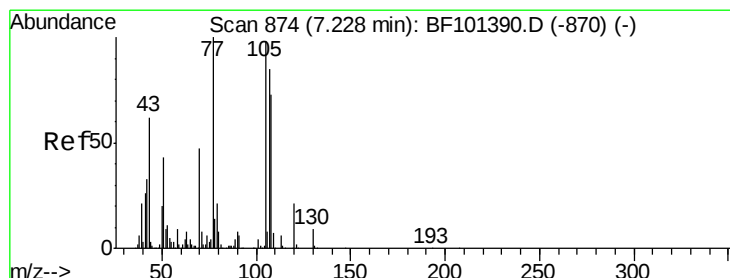
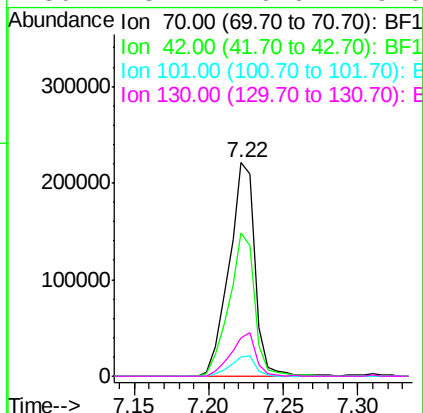




#19
n-Nitroso-di-n-propylamine
Concen: 33.930 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

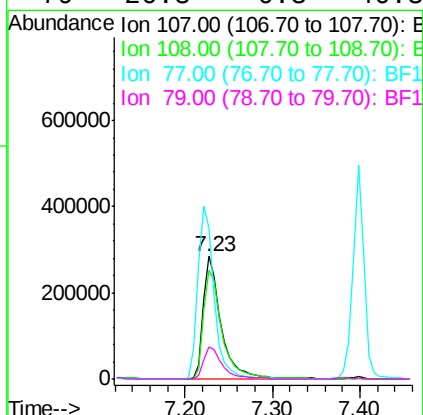
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

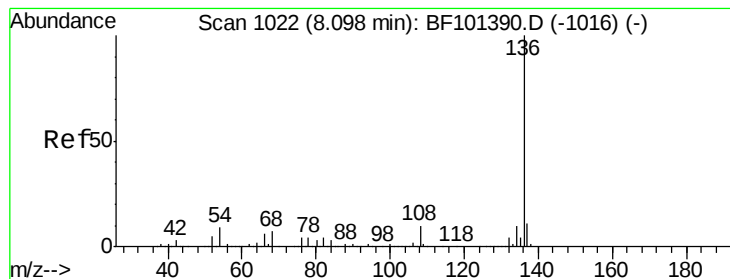
Tot Ion: 70 Resp: 271496
Ion Ratio Lower Upper
70 100
42 67.2 47.5 71.3
101 9.3 7.4 11.2
130 18.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.120 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion: 107 Resp: 402746
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 123.4 26.7 66.7#
79 26.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

Tot Ion:136 Resp: 578094

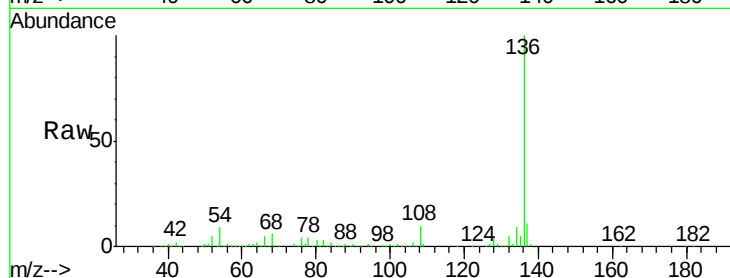
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.5 6.6 9.8

68 6.4 5.0 7.4

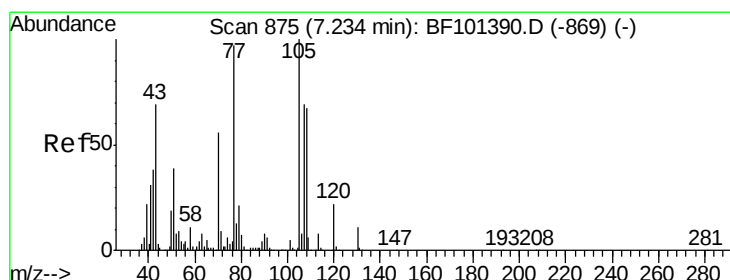
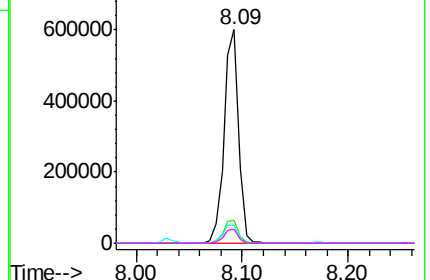
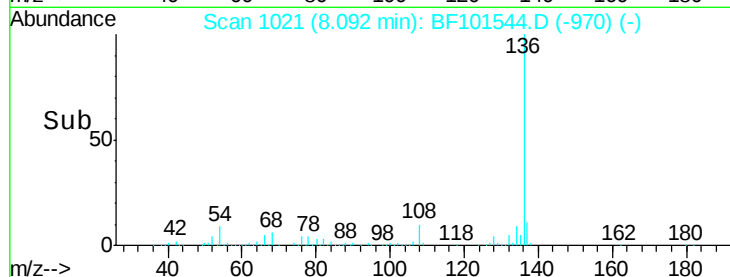


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.415 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Tgt Ion:105 Resp: 533103

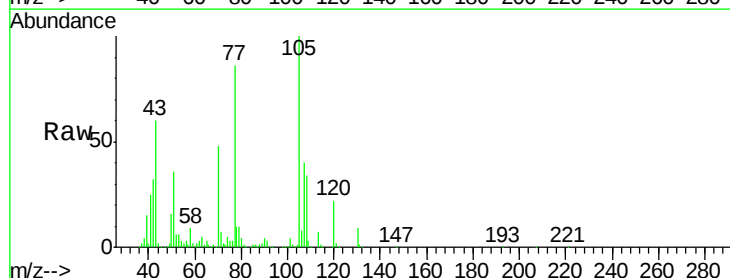
Ion Ratio Lower Upper

105 100

71 7.5 4.4 6.6#

51 35.6 22.3 33.5#

120 22.2 16.9 25.3

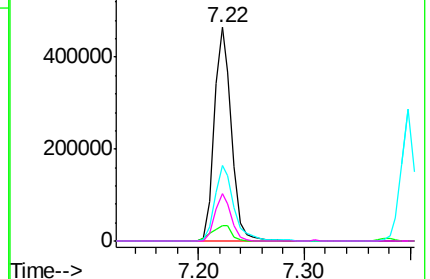
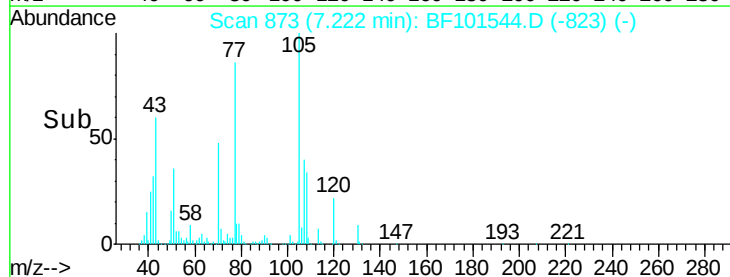


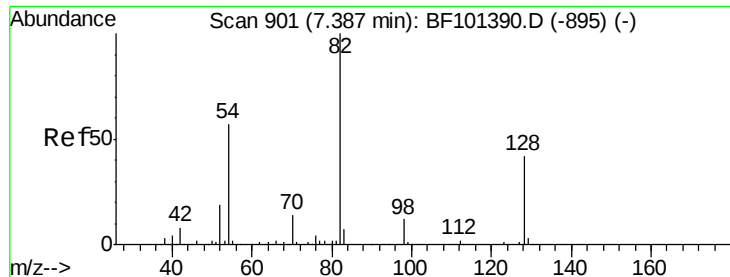
Abundance Ion 105.00 (104.70 to 105.70): E

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

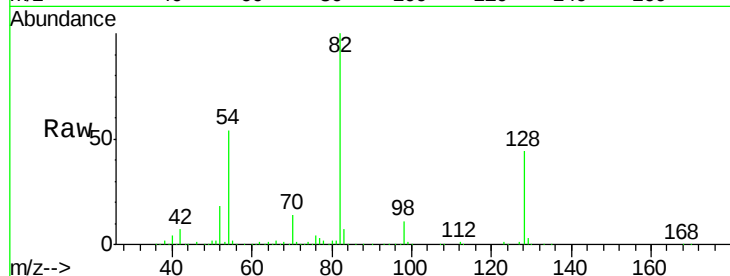




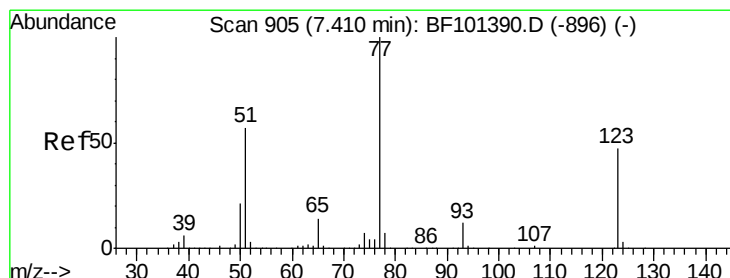
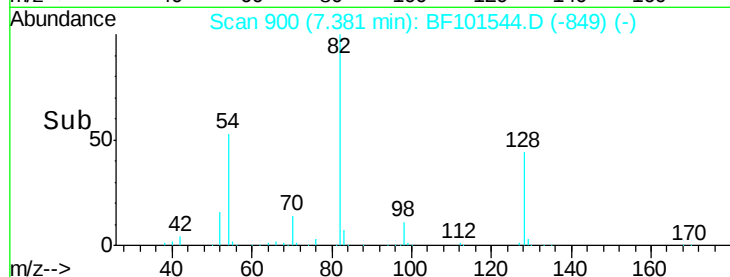
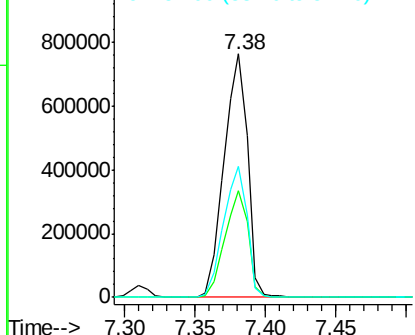
#23
 Nitrobenzene-d5
 Concen: 84.831 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

Tot Ion: 82 Resp: 880980
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 53.8 41.4 62.2

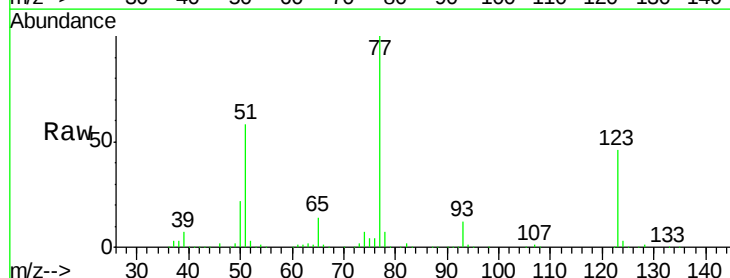


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

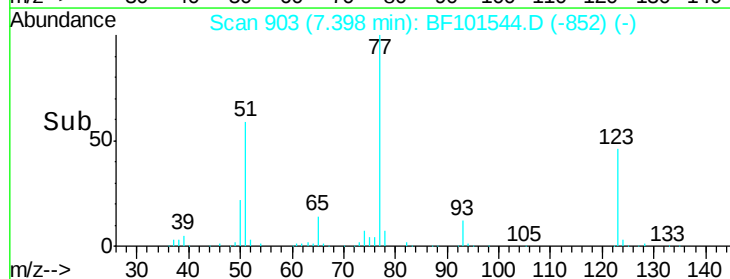
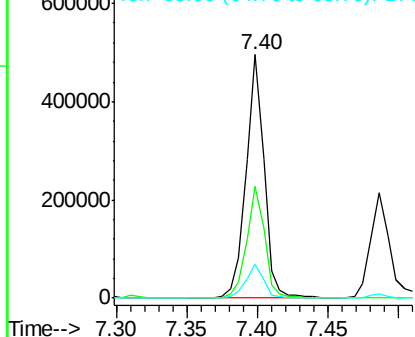


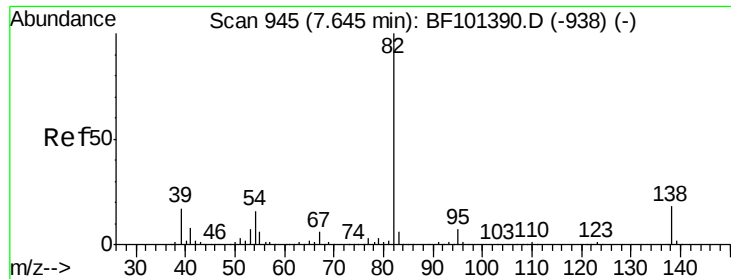
#24
 Nitrobenzene
 Concen: 38.564 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Tgt Ion: 77 Resp: 443248
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.9 56.9
 65 13.9 11.0 16.4



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





#25

Isophorone

Concen: 39.214 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

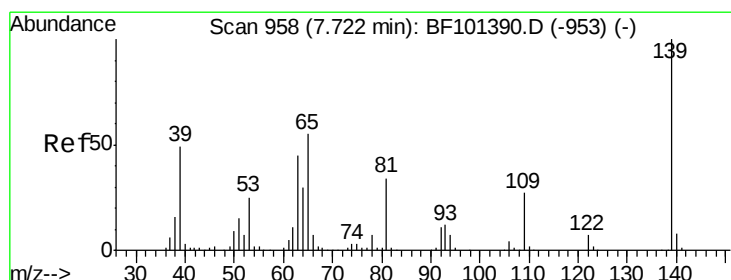
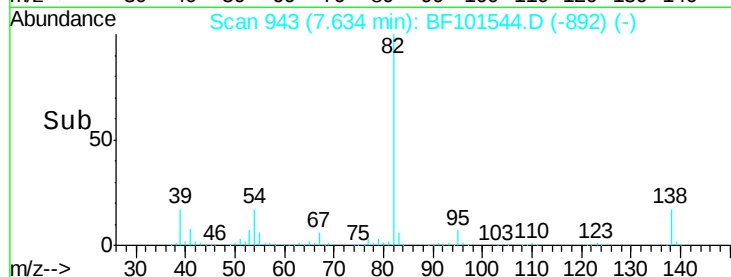
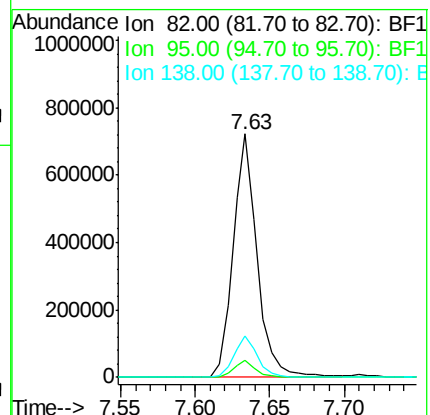
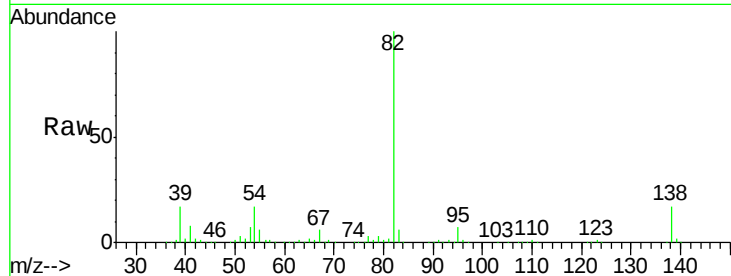
Tot Ion: 82 Resp: 816953

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 43.136 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

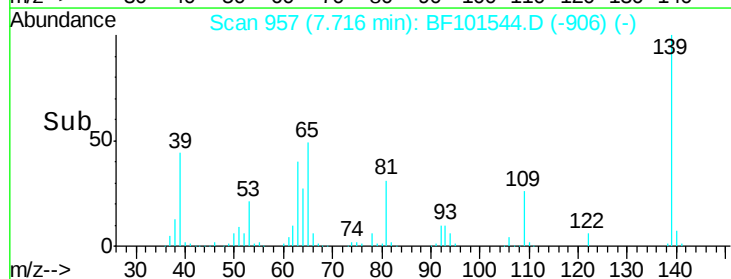
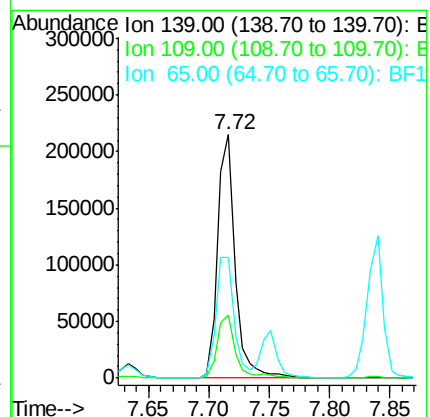
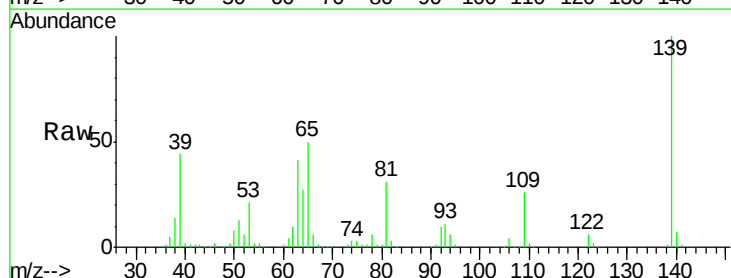
Tgt Ion: 139 Resp: 213002

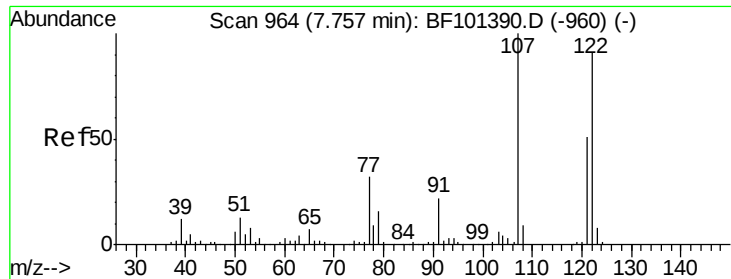
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 49.6 40.5 60.7

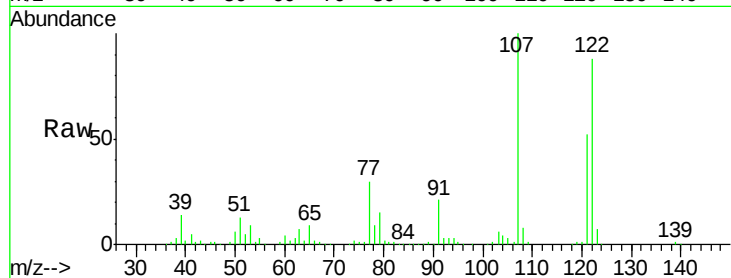




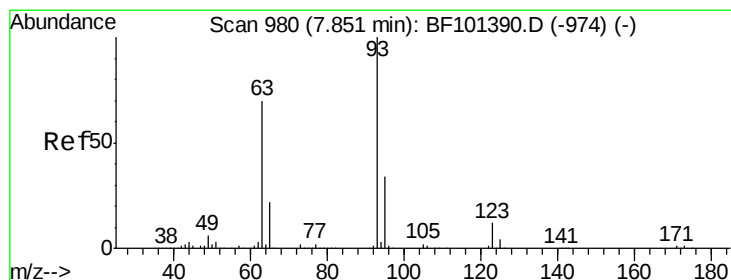
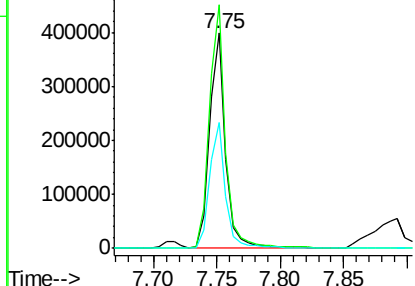
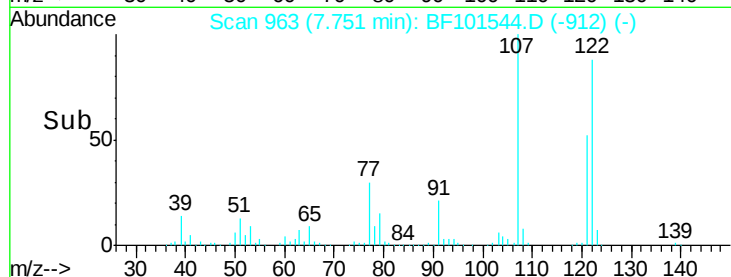
#27
 2,4-Dimethylphenol
 Concen: 42.035 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.2	136.8
121	58.8	47.2	70.8

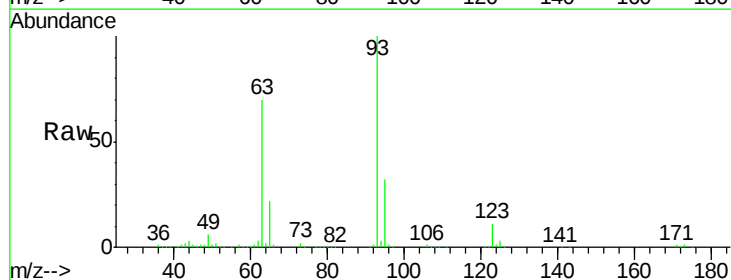


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

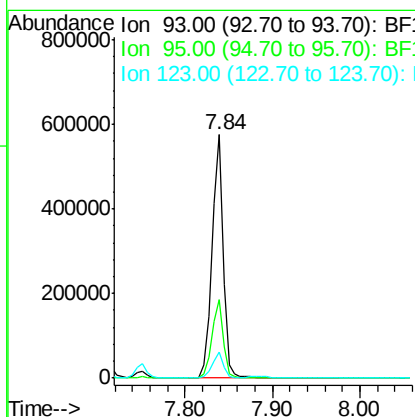
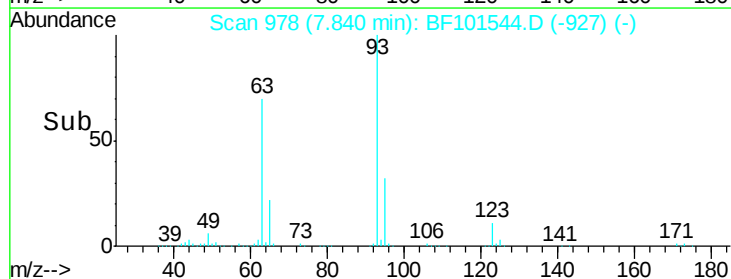


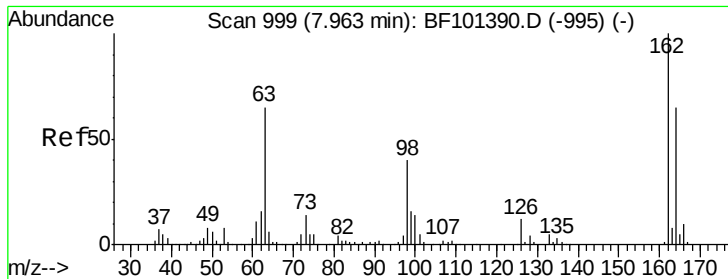
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.918 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	10.7	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

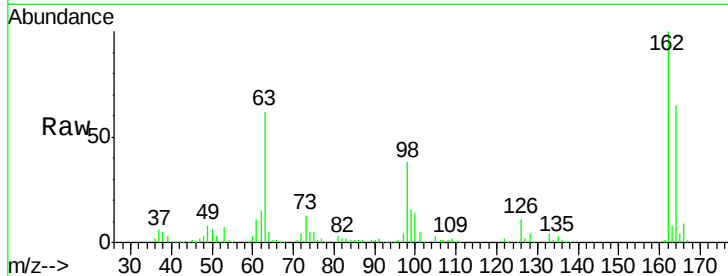




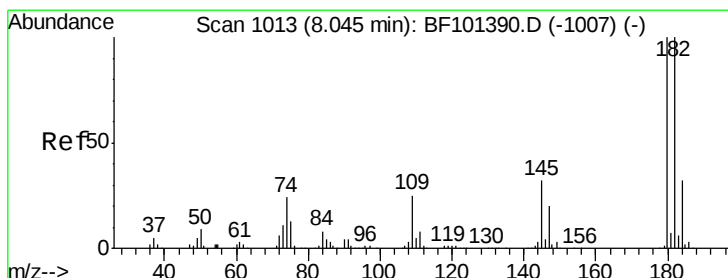
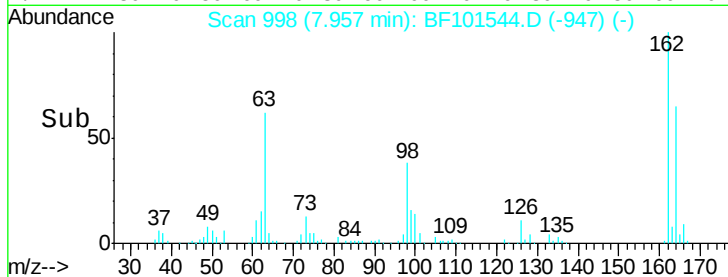
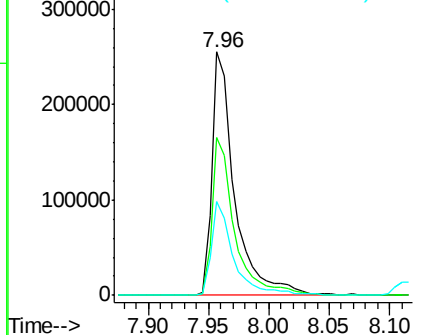
#29
 2,4-Dichlorophenol
 Concen: 39.764 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	38.4	18.1	58.1

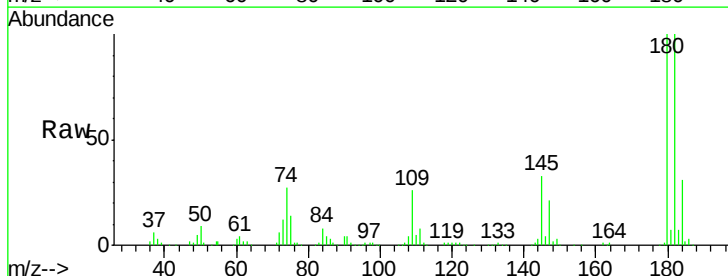


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

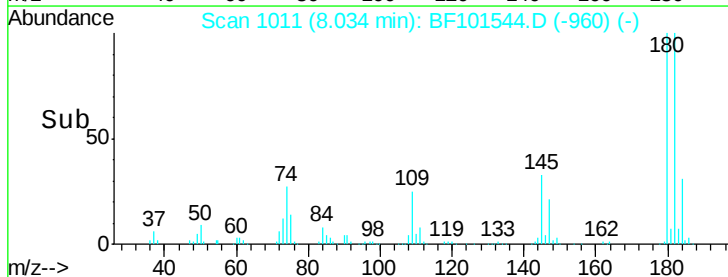
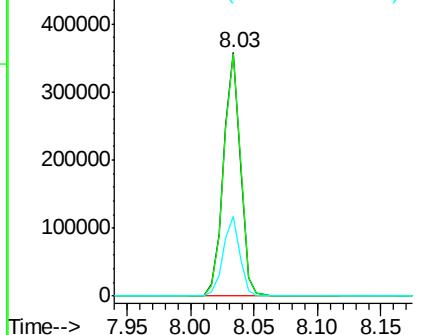


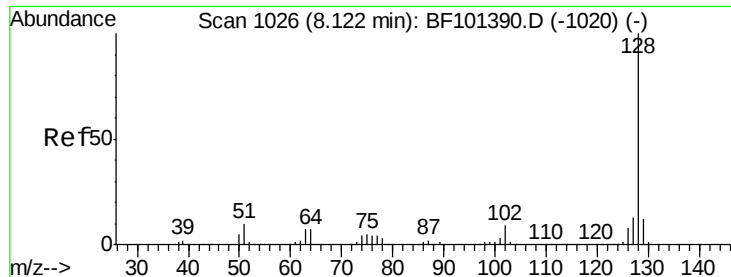
#30
 1,2,4-Trichlorobenzene
 Concen: 38.211 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.8	115.2
145	32.7	26.5	39.7



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





#31

Naphthalene

Concen: 36.669 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

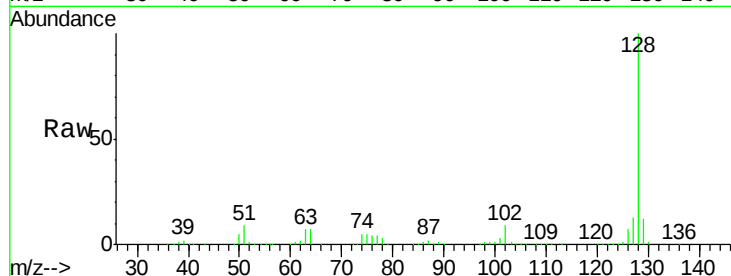
Tot Ion:128 Resp: 1067198

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

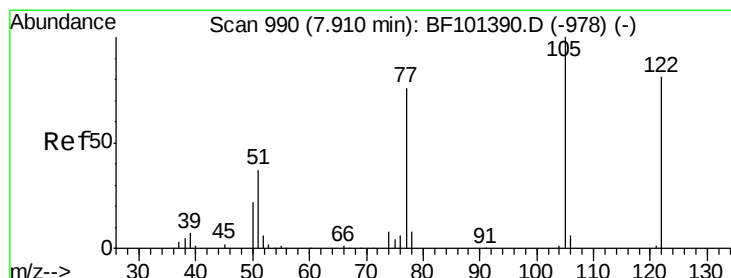
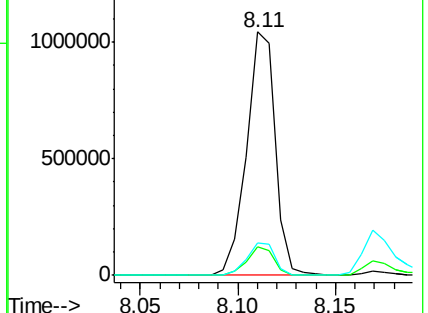
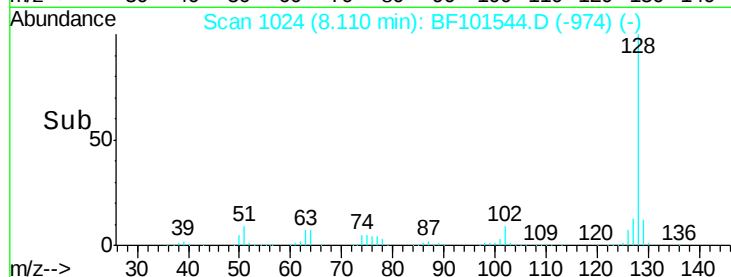
127 13.3 10.9 16.3



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: 27.275 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

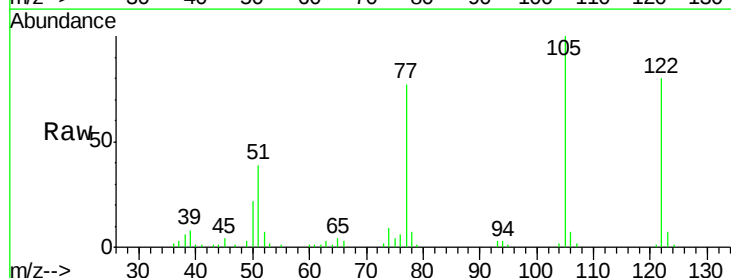
Tgt Ion:122 Resp: 130875

Ion Ratio Lower Upper

122 100

105 125.3 101.1 141.1

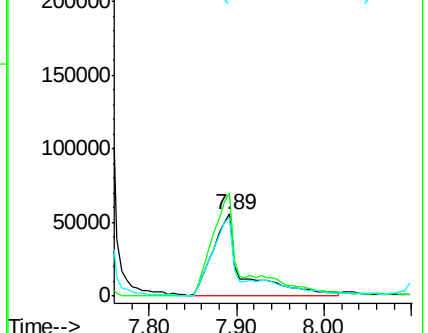
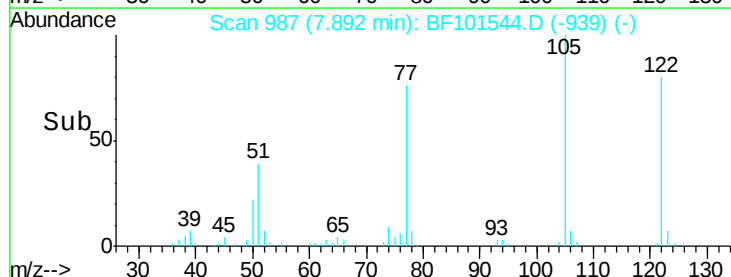
77 96.3 70.7 110.7

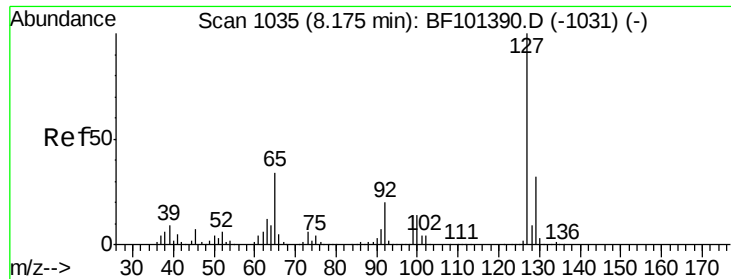


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

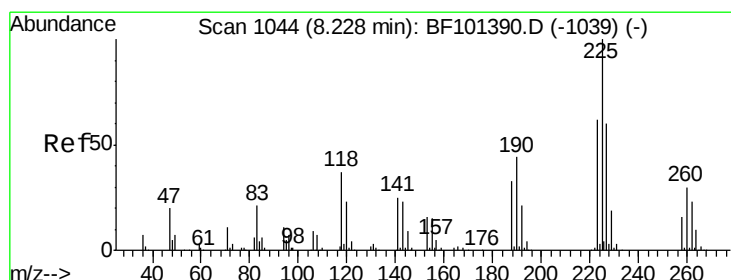
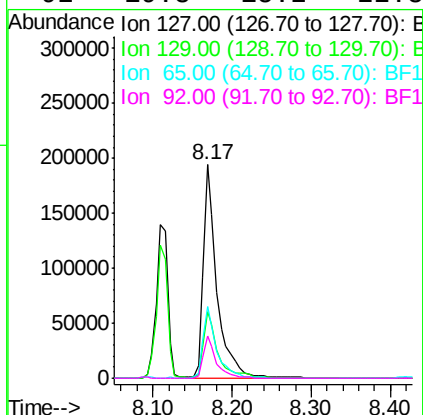
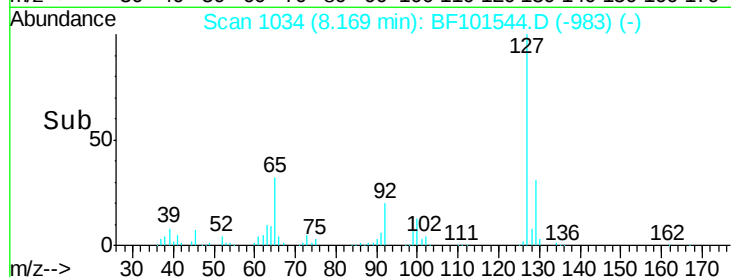
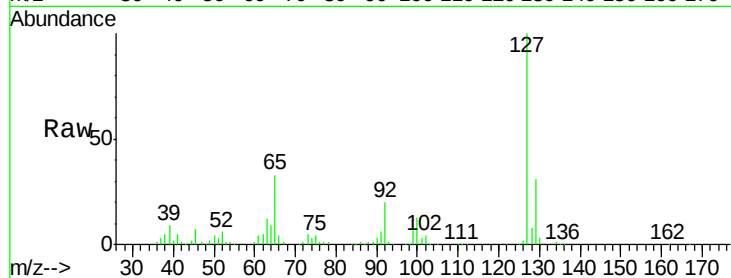




#33
4-Chloroaniline
Concen: 18.752 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

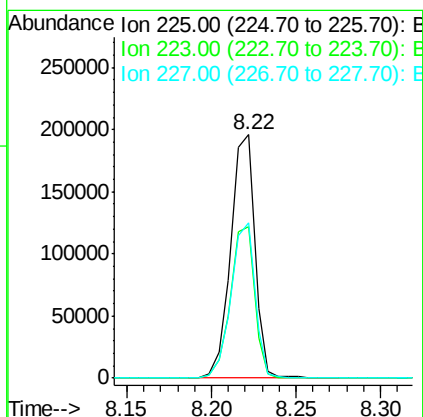
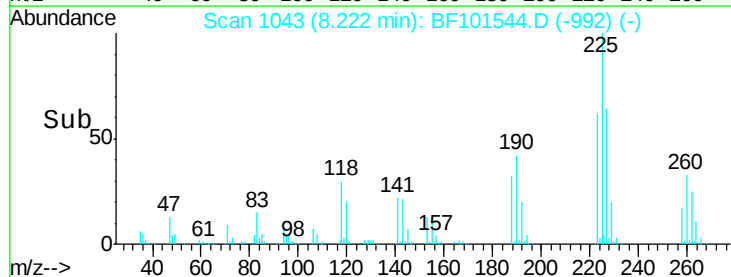
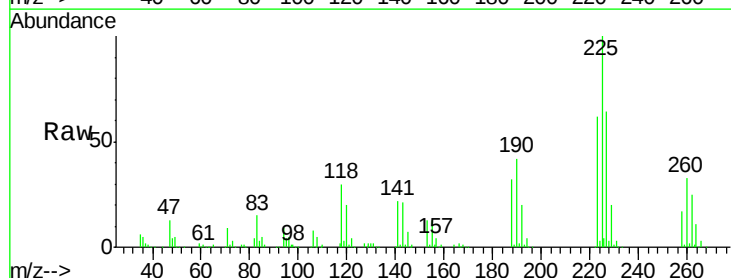
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

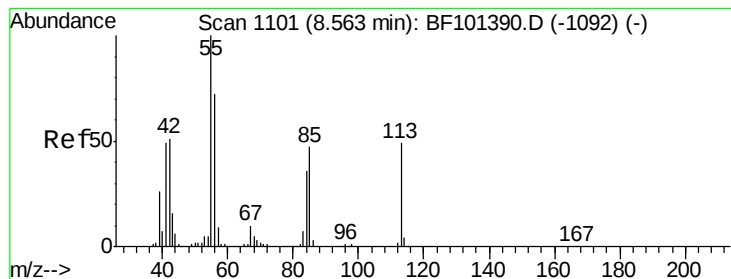
Tot Ion:	127	Resp:	237195
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	33.3	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.416 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion:	225	Resp:	194325
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.8	51.9	77.9





#35

Caprolactam

Concen: 37.457 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

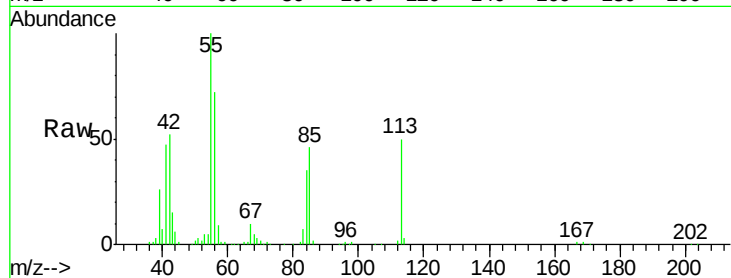
Tot Ion:113 Resp: 107792

Ion Ratio Lower Upper

113 100

55 201.3 163.3 203.3

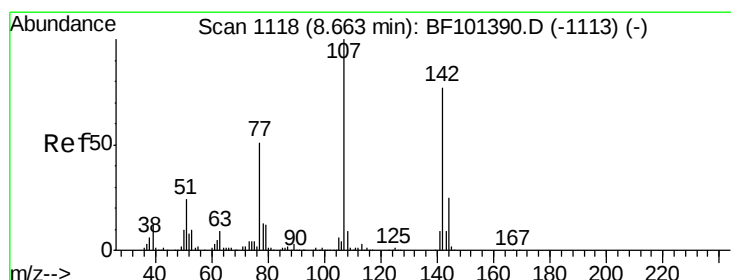
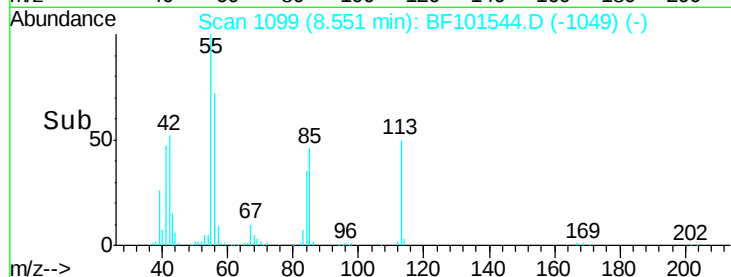
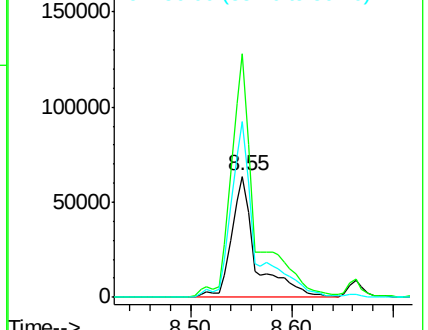
56 145.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.491 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

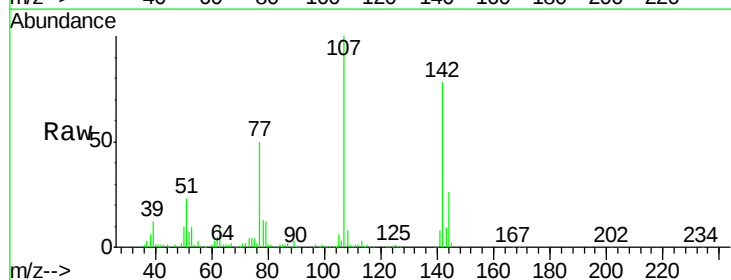
Tgt Ion:107 Resp: 341509

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

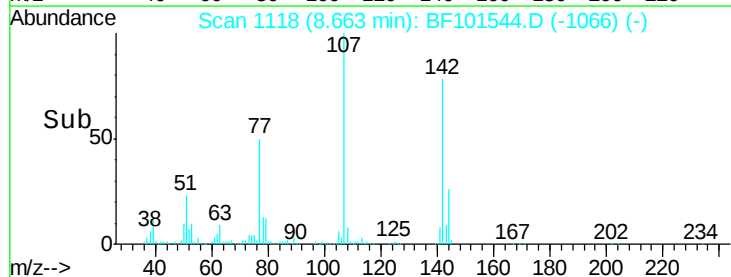
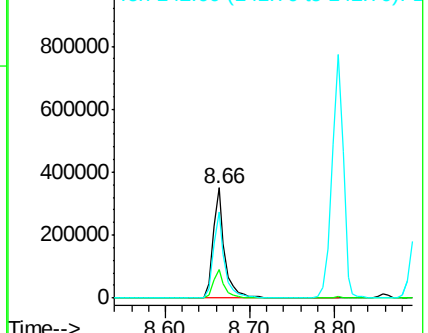
142 78.0 62.0 93.0

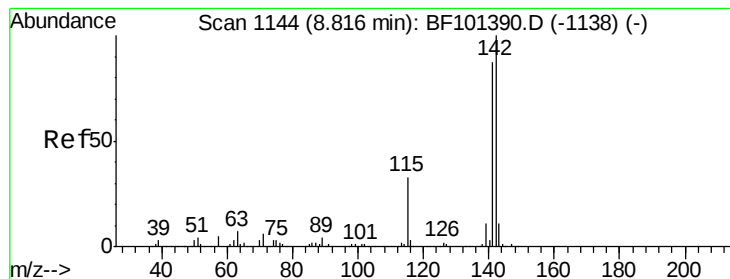


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.565 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

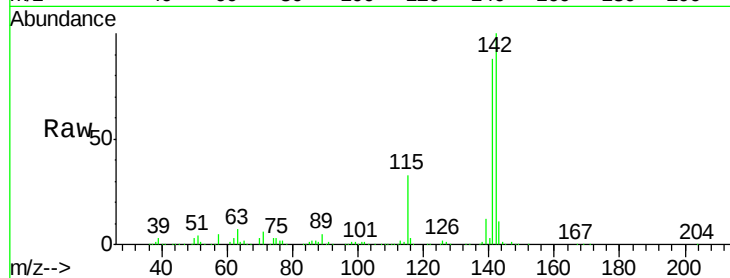
Tot Ion:142 Resp: 712291

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2

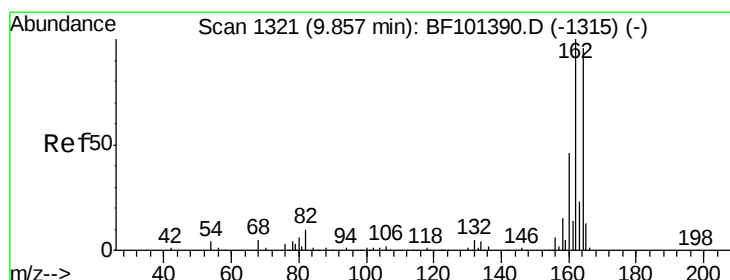
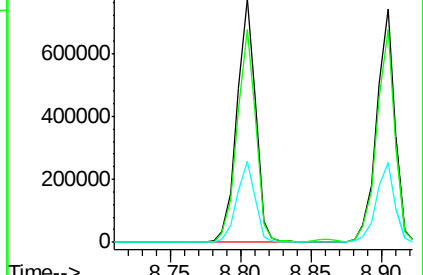
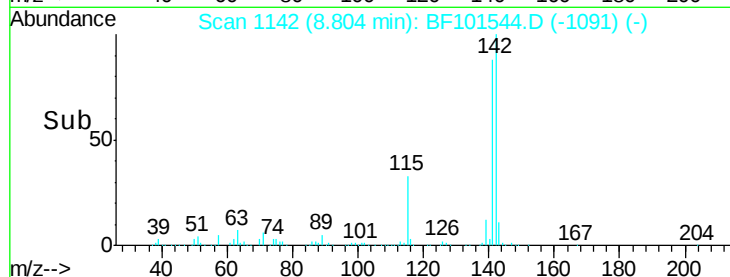
115 33.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

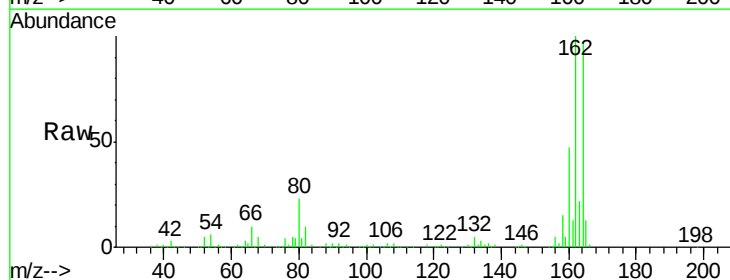
Tgt Ion:164 Resp: 248346

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

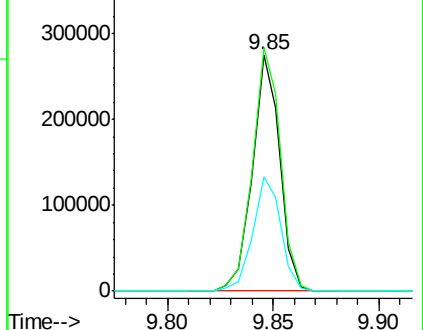
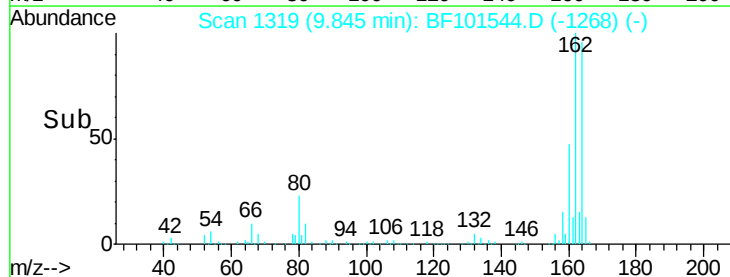
160 48.1 38.3 57.5

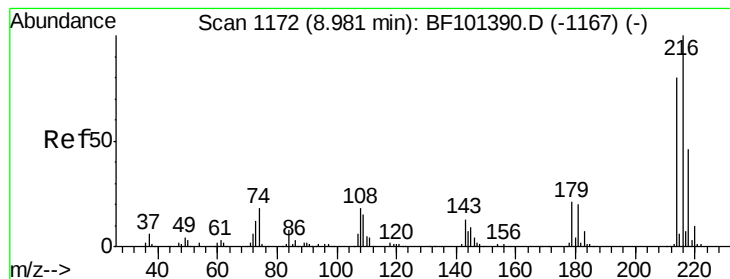


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.365 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

Tot Ion:216 Resp: 338449

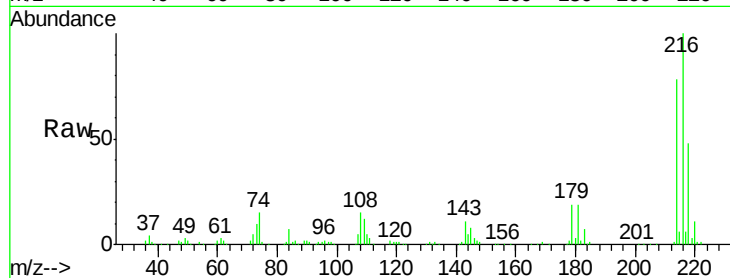
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 20.2 18.1 27.1

108 17.7 17.2 25.8

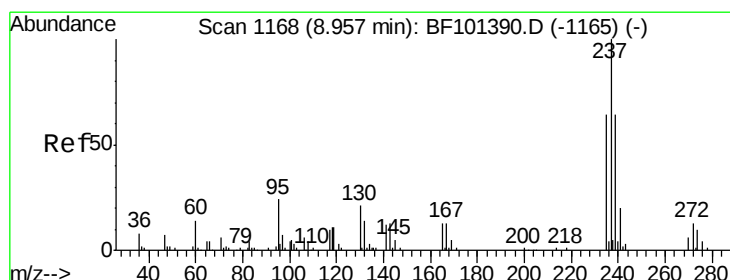
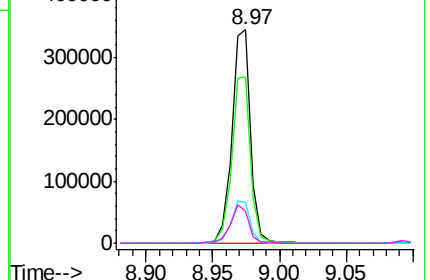
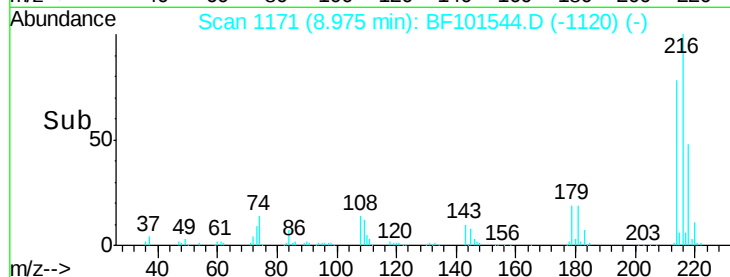


Abundance Ion 216.00 (215.70 to 216.70): E

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: 26.879 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

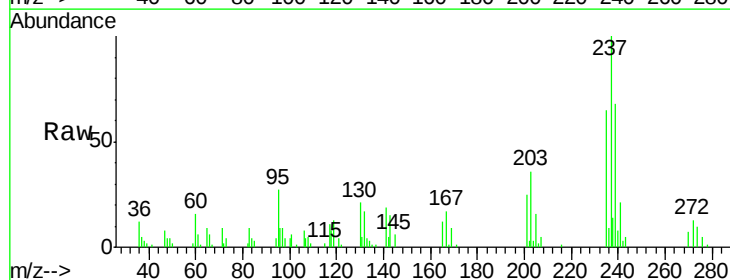
Tgt Ion:237 Resp: 21803

Ion Ratio Lower Upper

237 100

235 64.9 44.8 84.8

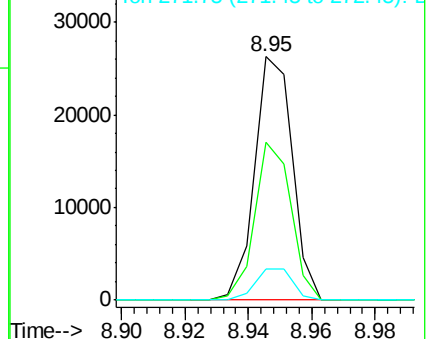
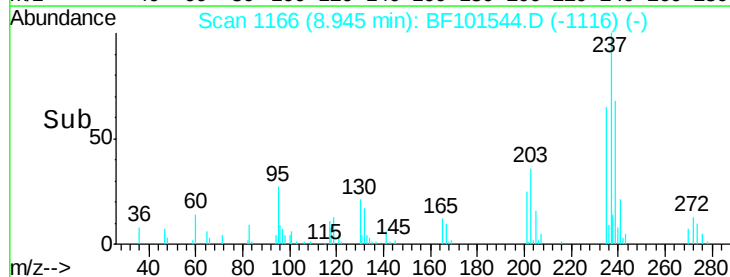
272 12.7 0.0 33.3

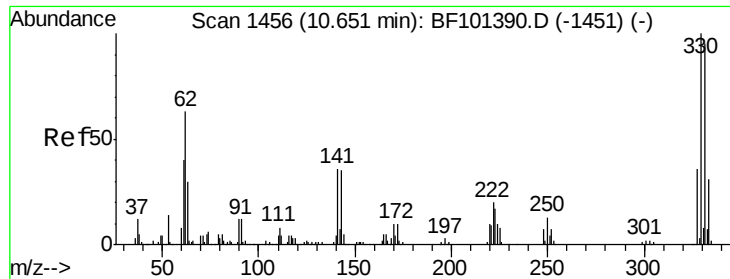


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

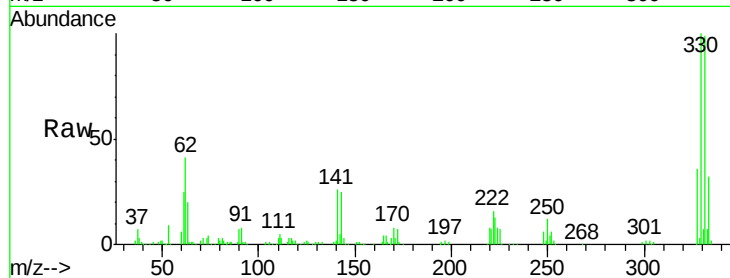




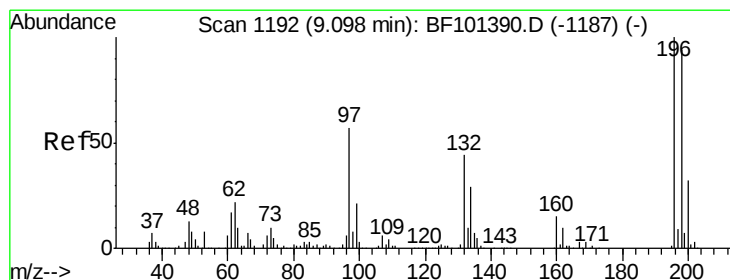
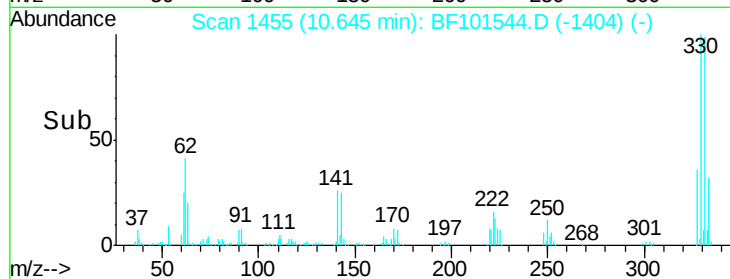
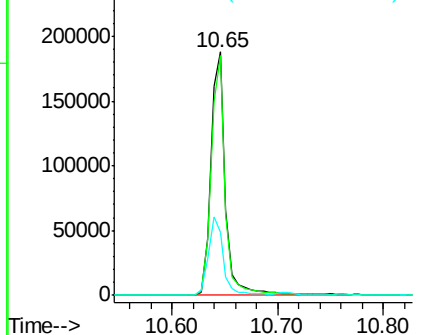
#41
 2,4,6-Tribromophenol
 Concen: 76.481 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.6	29.9	44.9

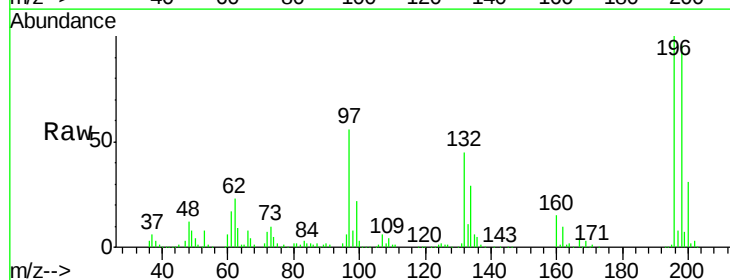


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

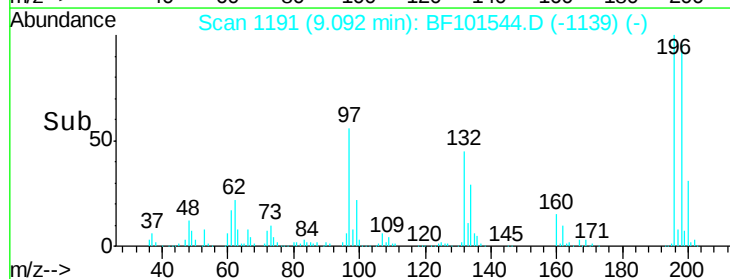
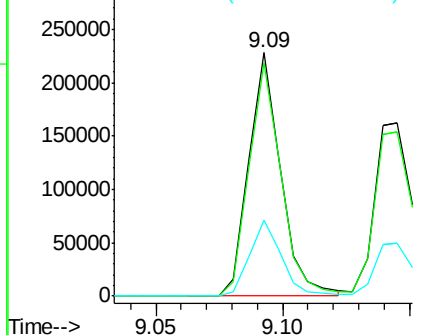


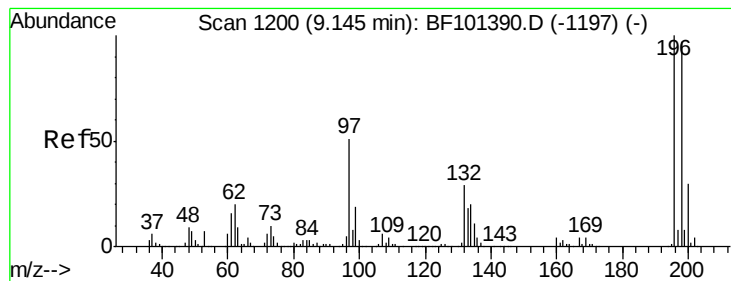
#42
 2,4,6-Trichlorophenol
 Concen: 39.649 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	31.0	24.5	36.7



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





#43

2,4,5-Trichlorophenol

Concen: 36.897 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

Tot Ion:196 Resp: 203932

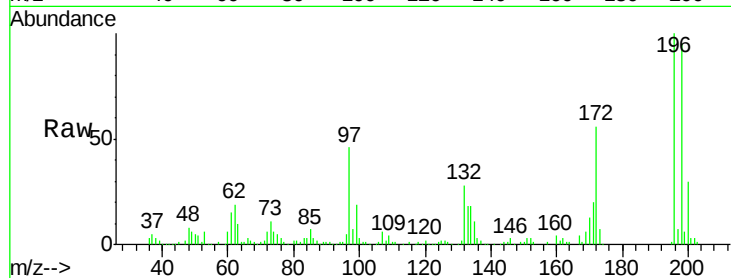
Ion Ratio Lower Upper

196 100

198 94.9 74.6 112.0

97 45.9 42.9 64.3

132 27.6 26.3 39.5

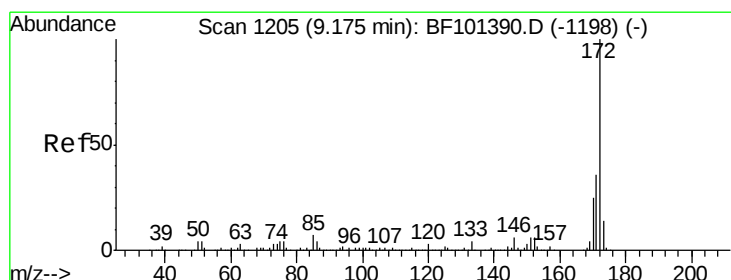
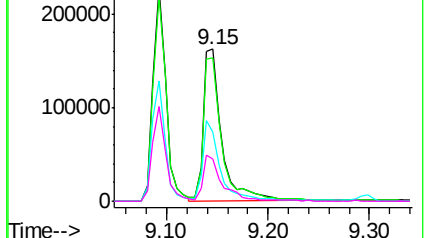
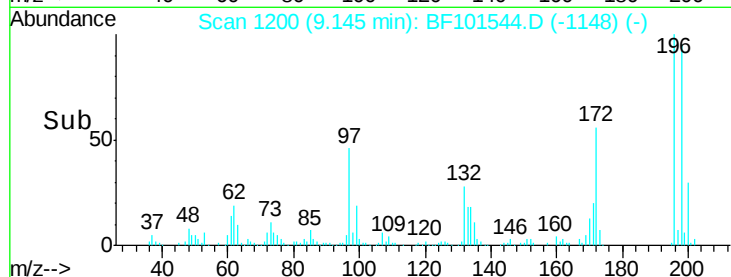


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 86.987 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

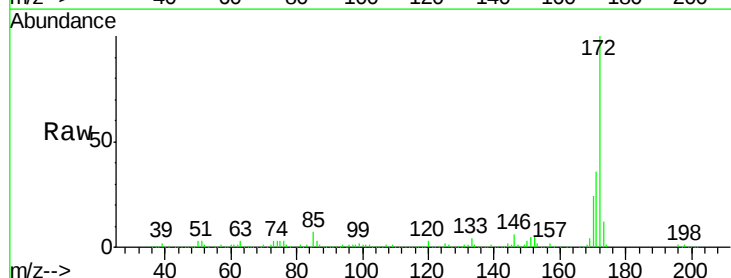
Tgt Ion:172 Resp: 1392619

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

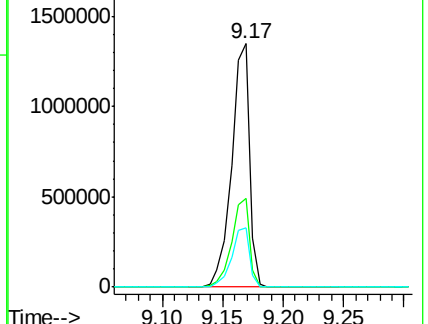
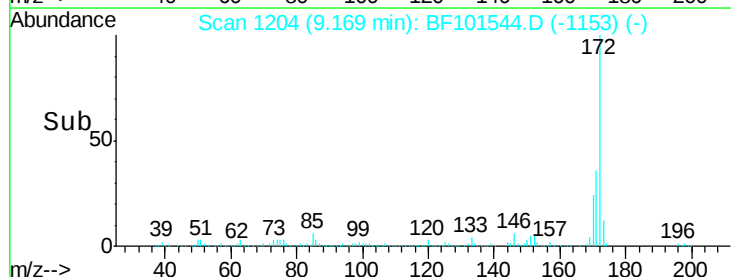
170 24.3 19.6 29.4

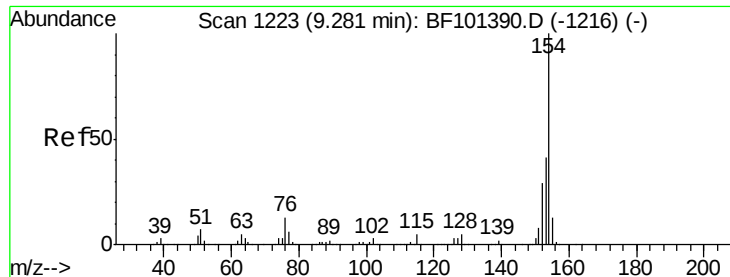


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.537 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

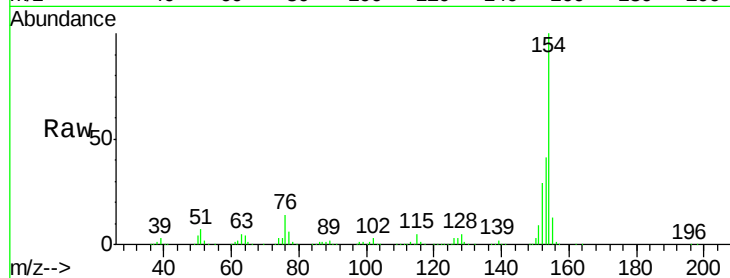
Tot Ion:154 Resp: 848766

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

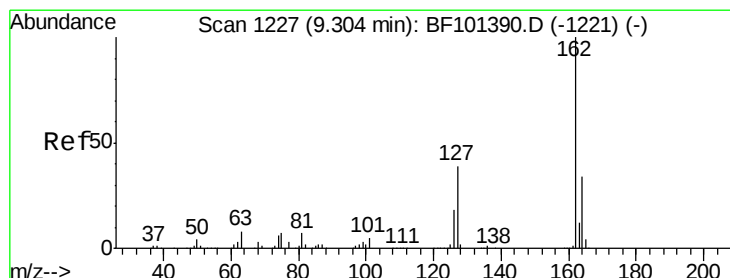
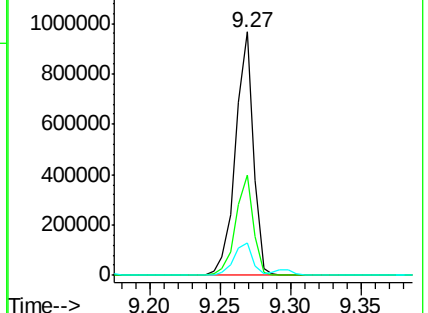
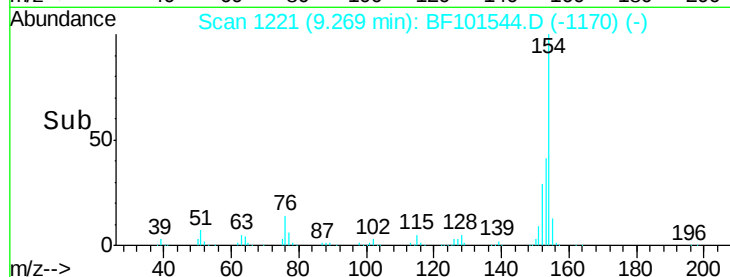
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.798 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

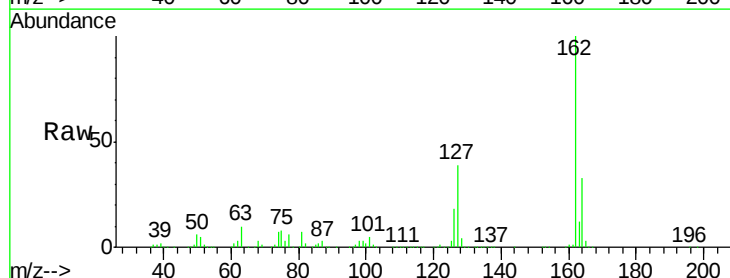
Tgt Ion:162 Resp: 636983

Ion Ratio Lower Upper

162 100

127 38.7 33.9 50.9

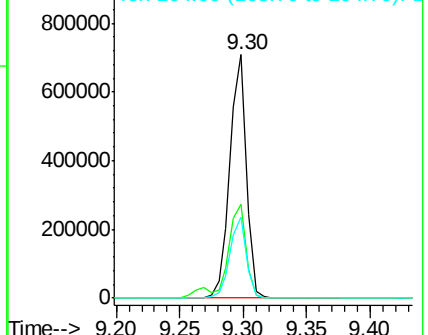
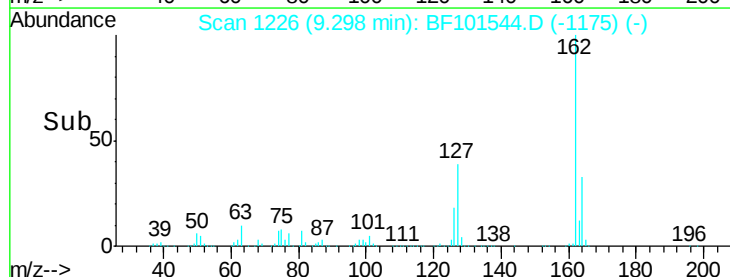
164 33.1 26.5 39.7

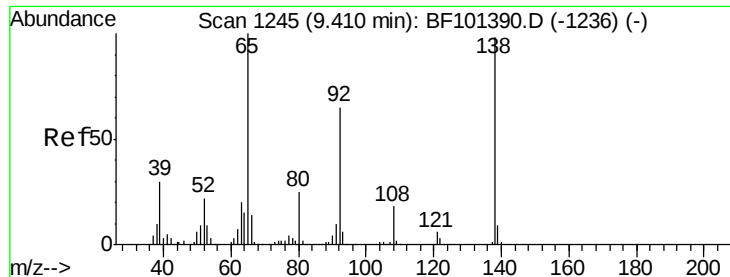


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.712 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

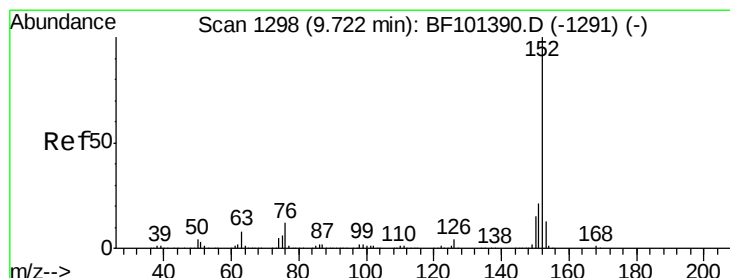
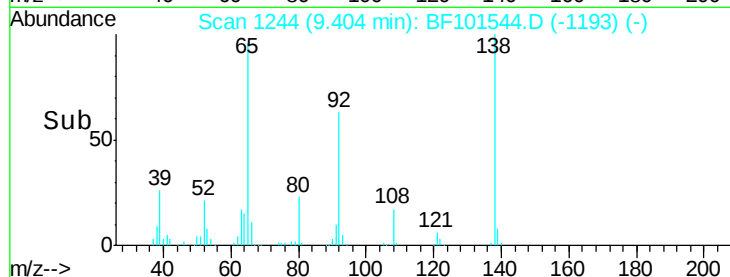
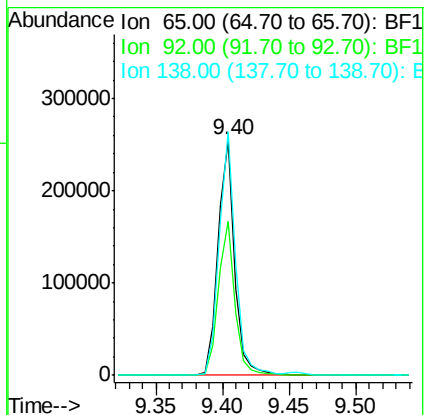
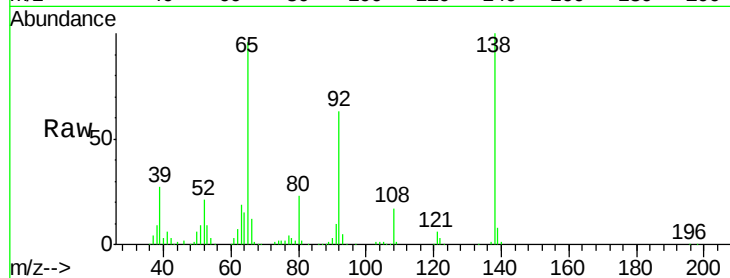
Tot Ion: 65 Resp: 225366

Ion Ratio Lower Upper

65 100

92 65.8 55.8 83.6

138 103.7 91.2 136.8



#48

Acenaphthylene

Concen: 35.038 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

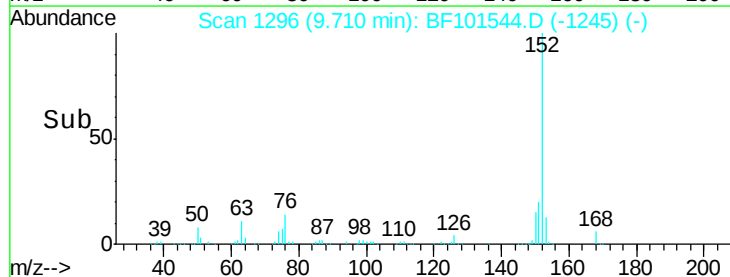
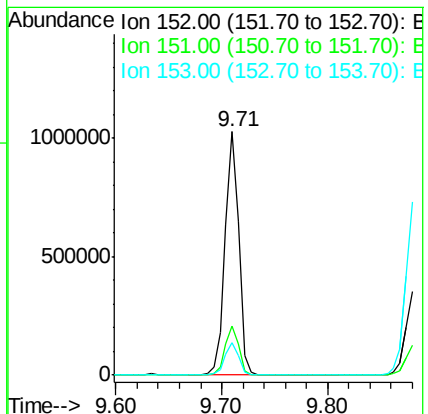
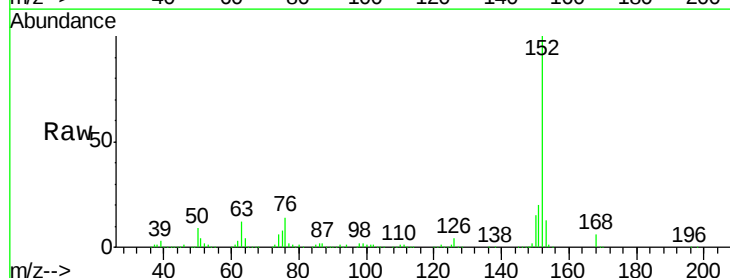
Tgt Ion: 152 Resp: 932634

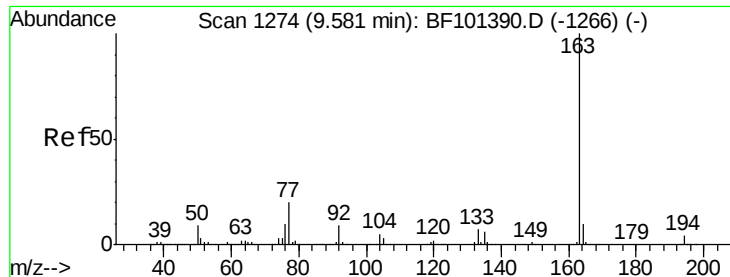
Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.1 10.7 16.1

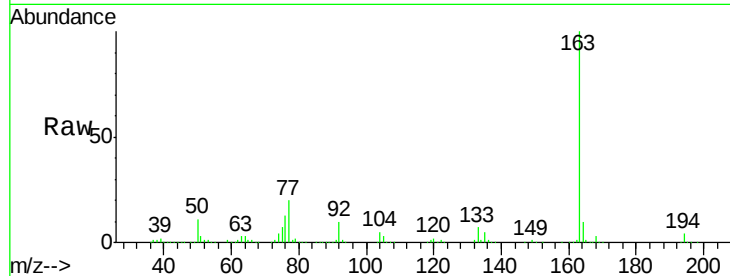




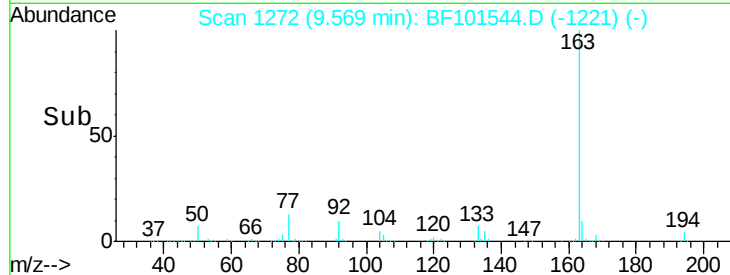
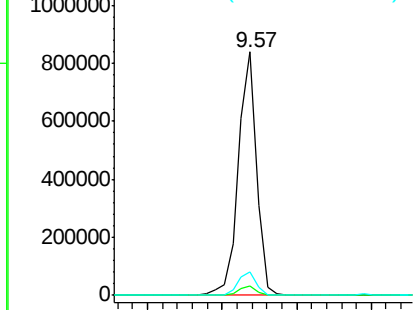
#49
Dimethylphthalate
Concen: 36.037 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Instrument :
BNA_F
ClientSampleId :
PB105156BSD

Tot Ion:163 Resp: 719876
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2

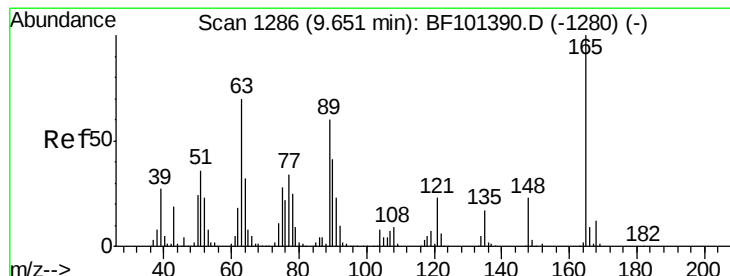


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

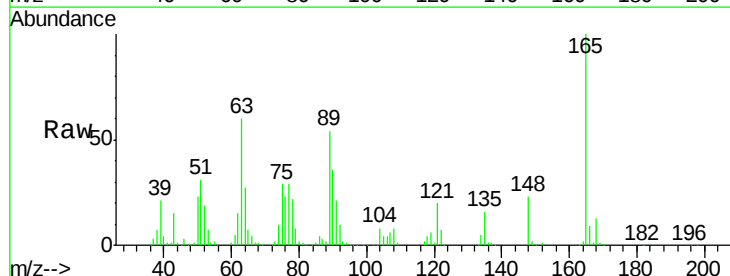
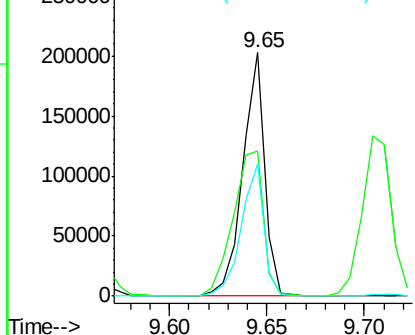


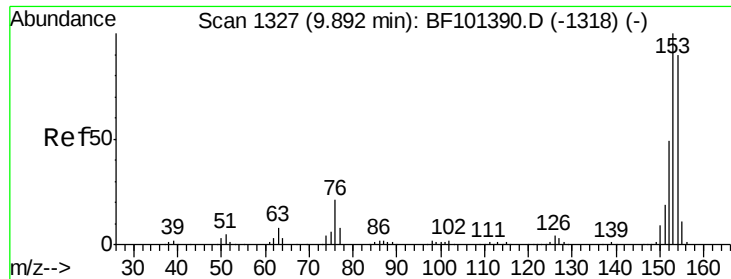
#50
2,6-Dinitrotoluene
Concen: 38.990 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion:165 Resp: 158299
Ion Ratio Lower Upper
165 100
63 59.6 44.7 67.1
89 54.2 44.0 66.0



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





#51

Acenaphthene

Concen: 34.775 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

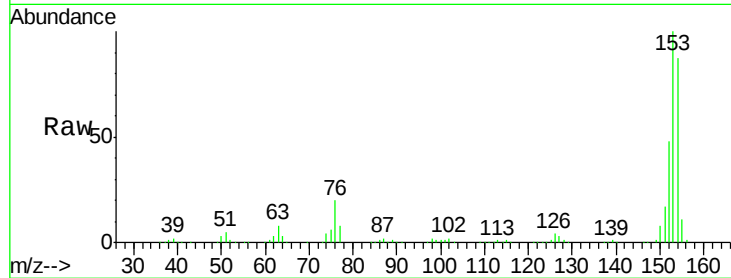
Tot Ion:154 Resp: 556117

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

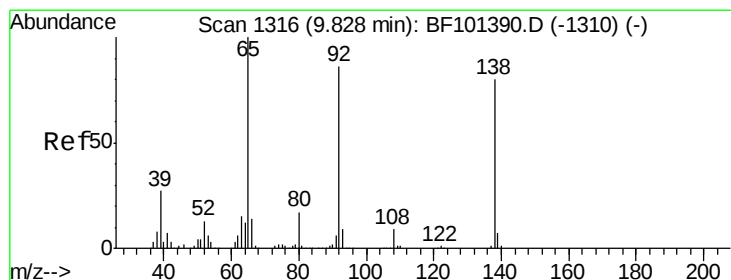
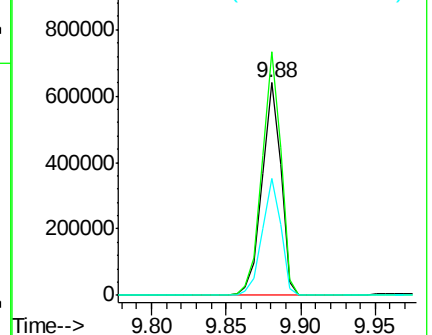
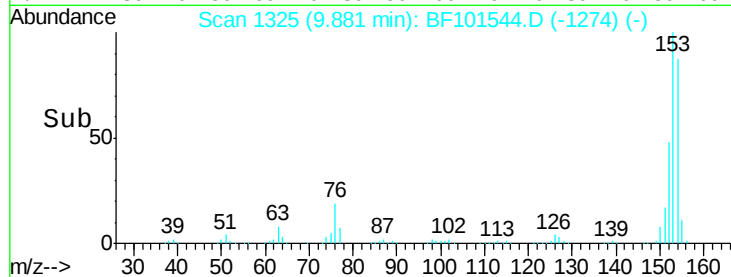
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.412 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

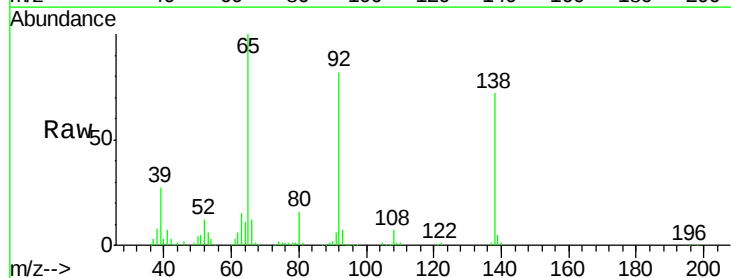
Tgt Ion:138 Resp: 123568

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

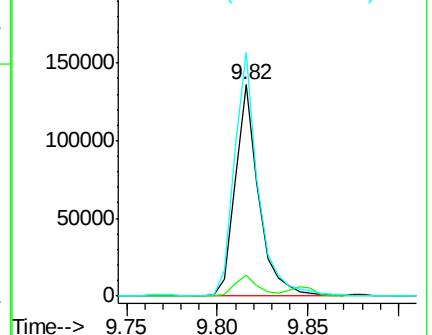
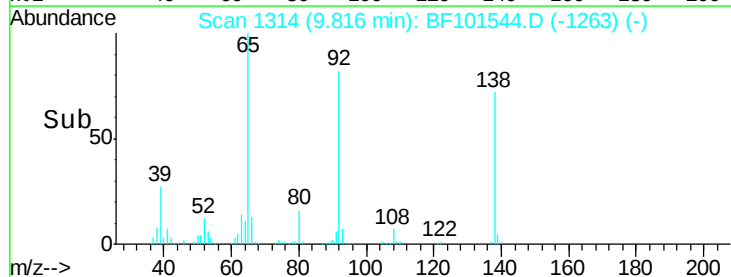
92 115.1 89.4 134.2

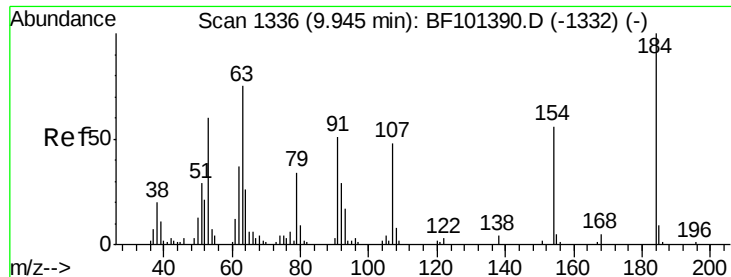


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

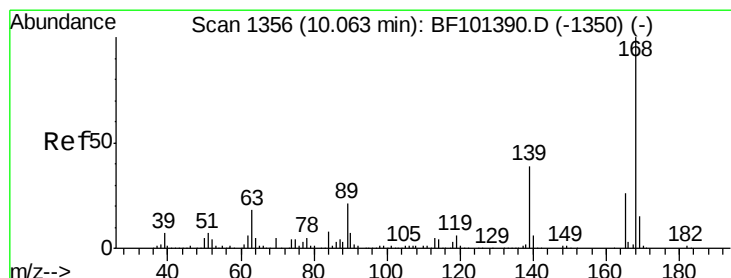
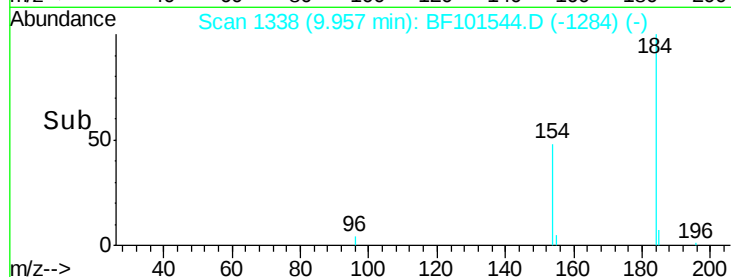
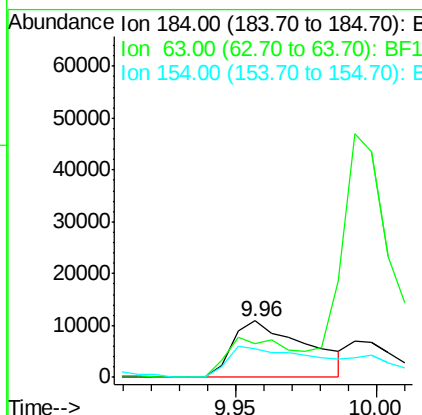
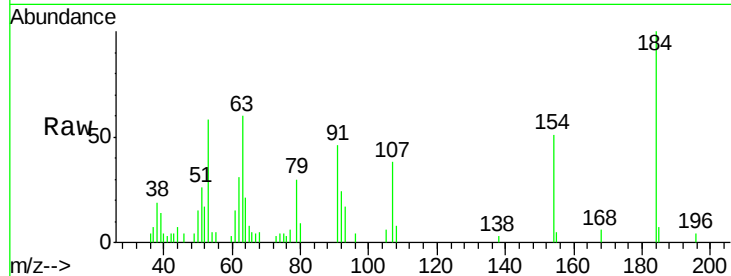




#53
 2,4-Dinitrophenol
 Concen: 22.403 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.02 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

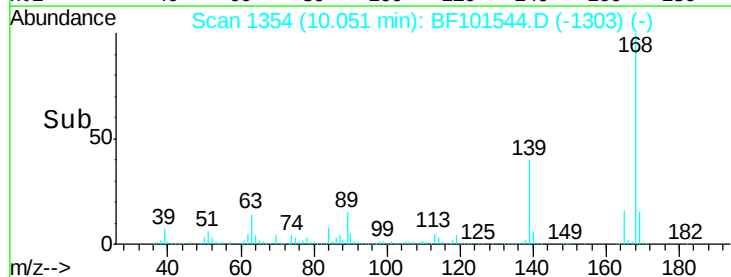
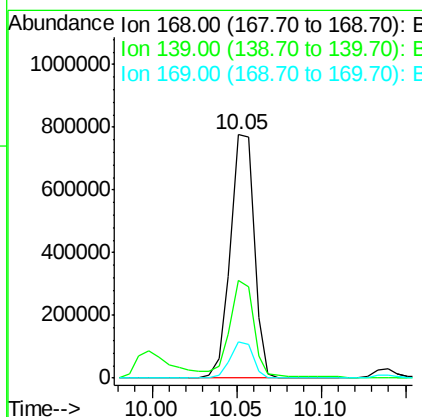
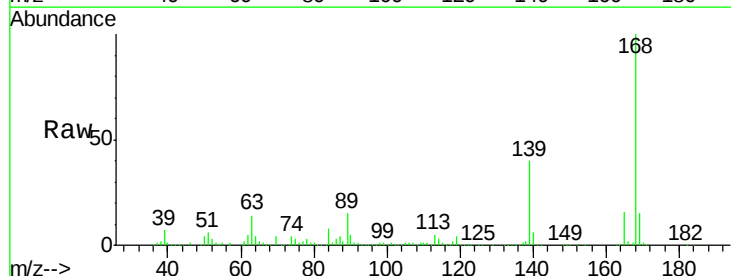
Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

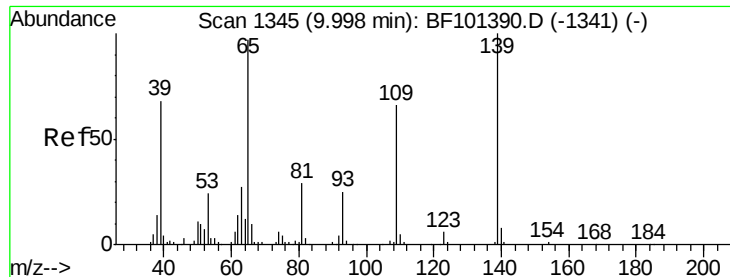
Tot Ion:184 Resp: 19616
 Ion Ratio Lower Upper
 184 100
 63 59.9 54.2 81.2
 154 50.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.493 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Tgt Ion:168 Resp: 761961
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 15.1 10.9 16.3





#55

4-Nitrophenol

Concen: 61.464 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

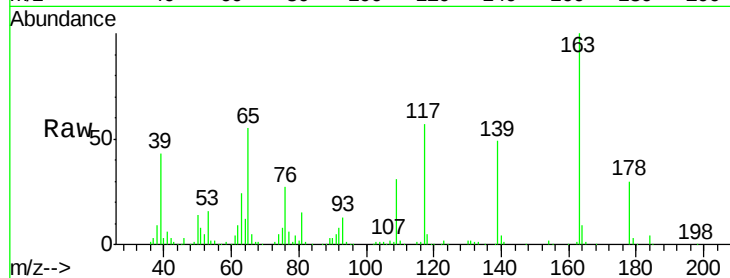
Tot Ion:139 Resp: 135661

Ion Ratio Lower Upper

139 100

109 64.6 48.4 88.4

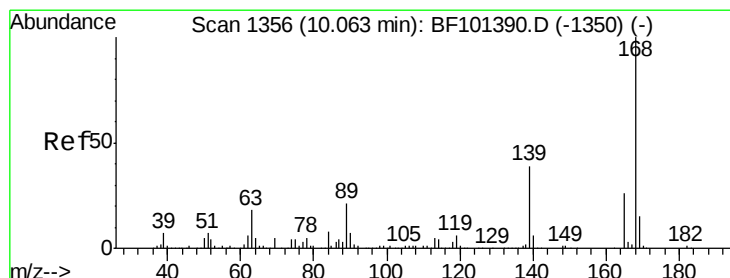
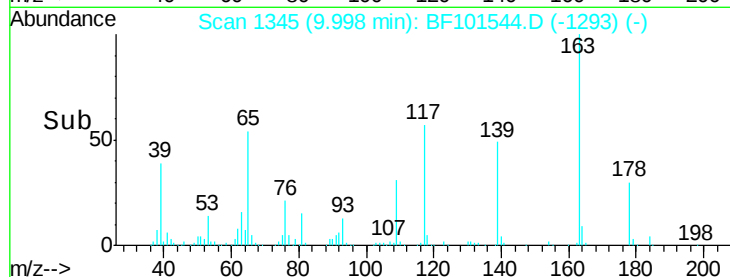
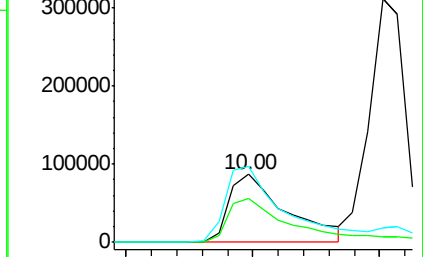
65 112.1 72.6 112.6



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: 38.542 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Tgt Ion:165 Resp: 176301

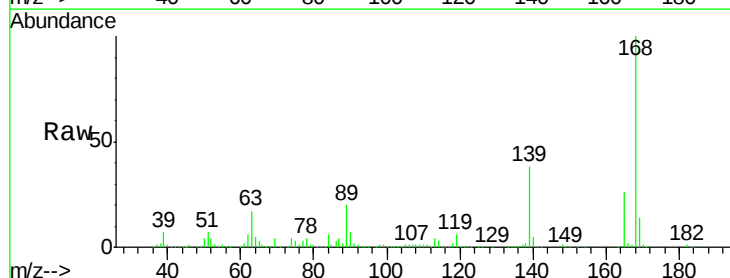
Ion Ratio Lower Upper

165 100

63 65.5 36.4 54.6#

89 79.5 57.8 86.6

182 2.8 1.6 2.4#

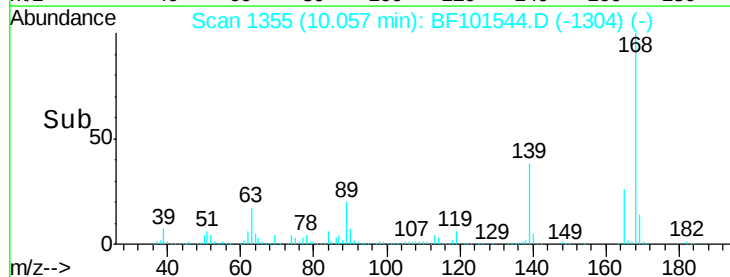
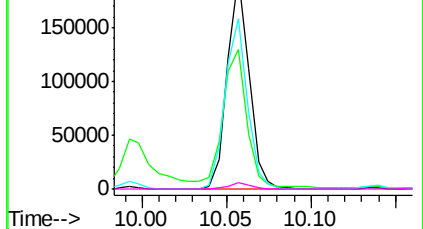


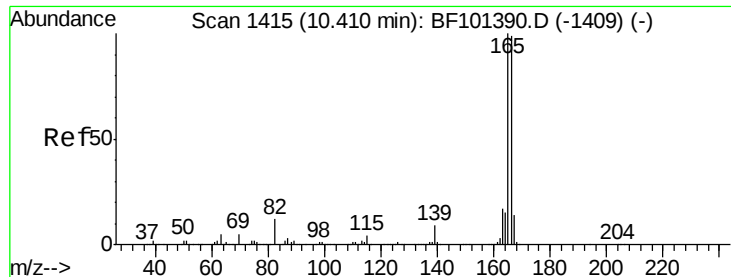
Abundance Ion 165.00 (164.70 to 165.70): E

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

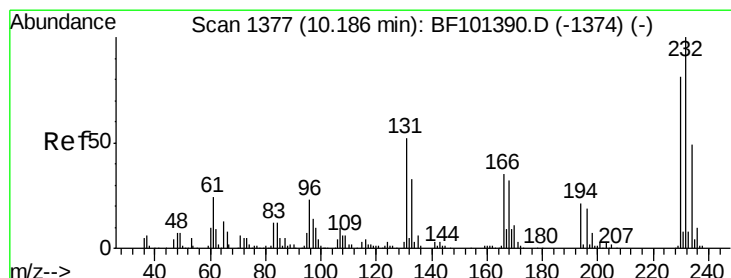
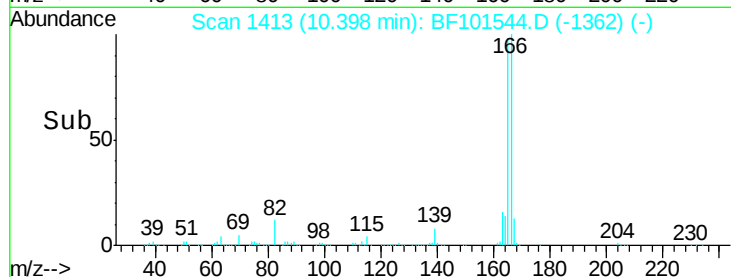
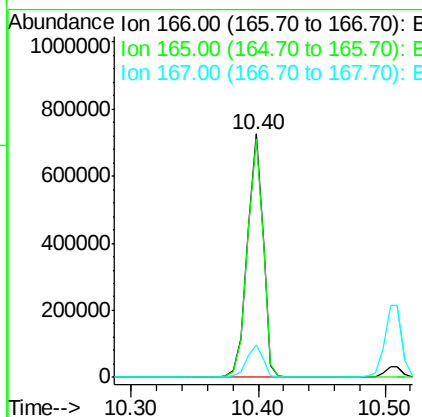
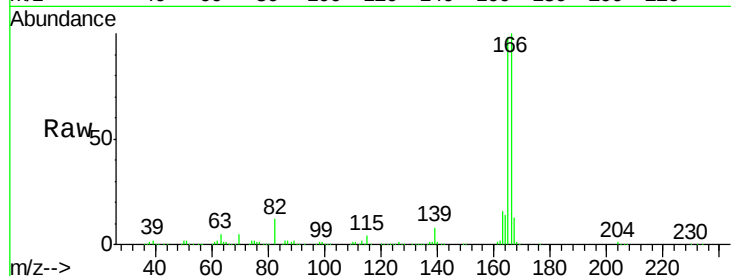




#57
 Fluorene
 Concen: 36.005 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

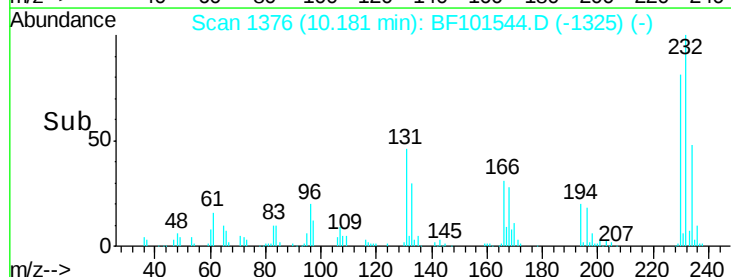
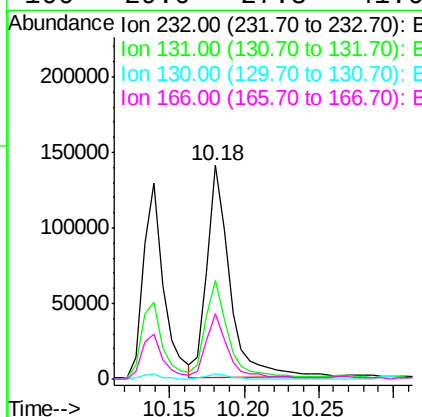
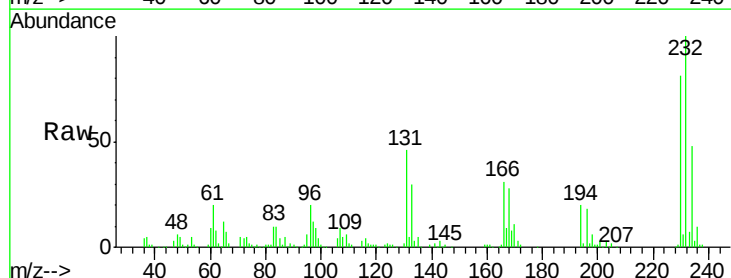
Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

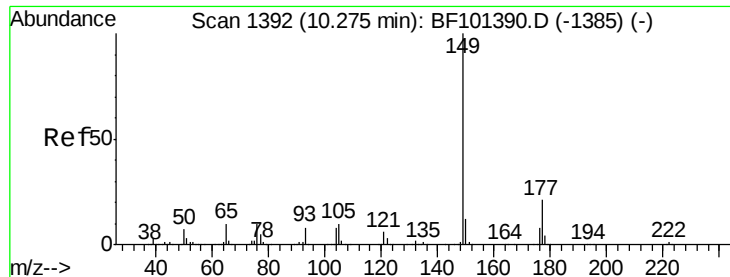
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.725 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.3	43.8	65.8
130	2.3	2.1	3.1
166	29.0	27.8	41.6

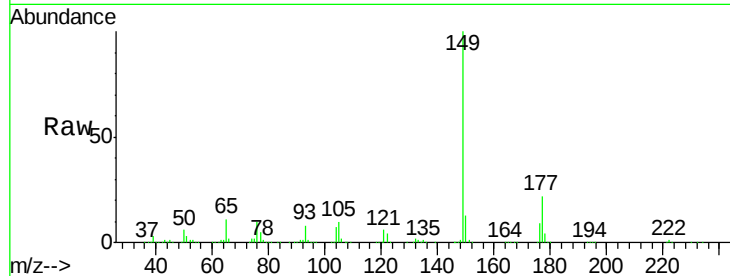




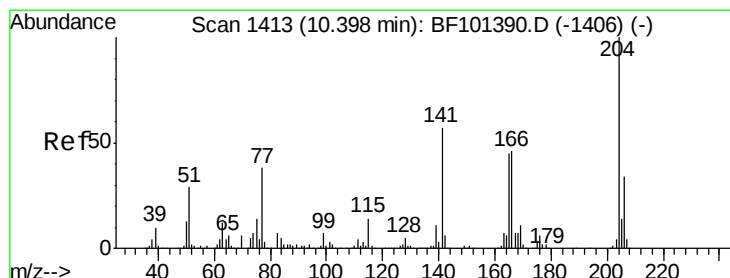
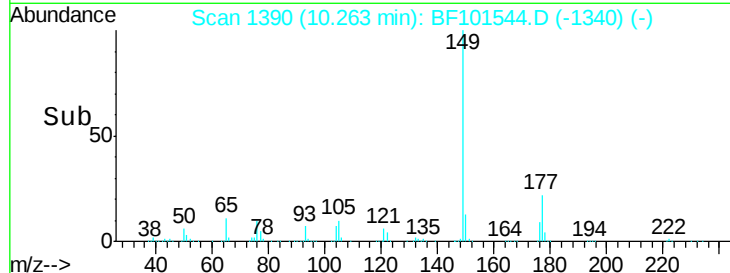
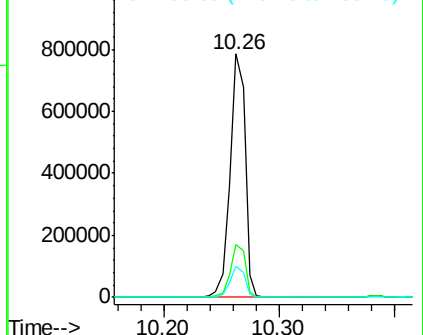
#59
Diethylphthalate
Concen: 35.776 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Instrument :
BNA_F
ClientSampleId :
PB105156BSD

Tot Ion:149 Resp: 707711
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.9 10.1 15.1

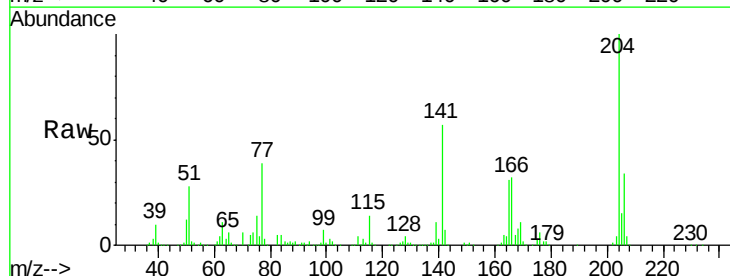


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

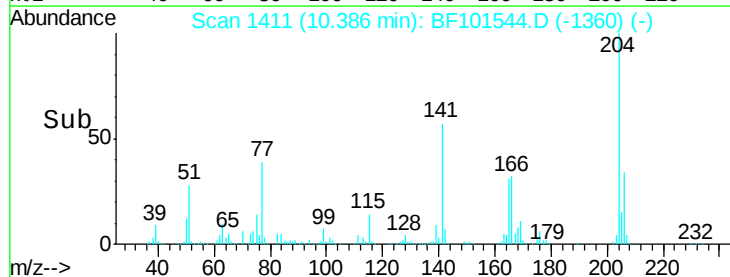
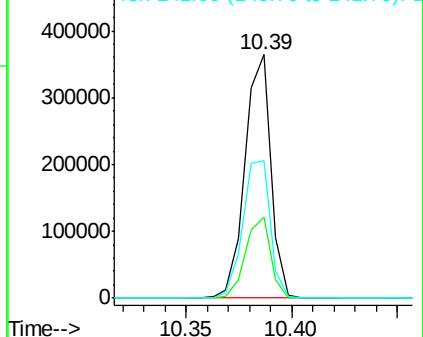


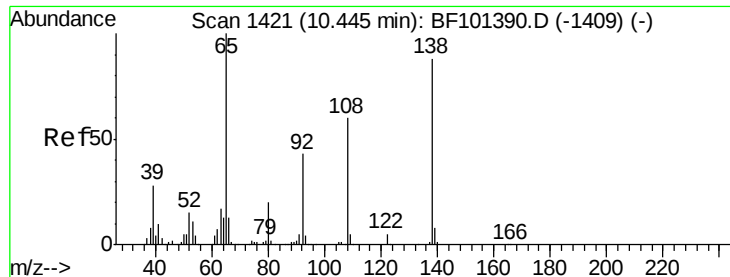
#60
4-Chlorophenyl-phenylether
Concen: 37.688 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion:204 Resp: 310532
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 56.7 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: 27.706 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

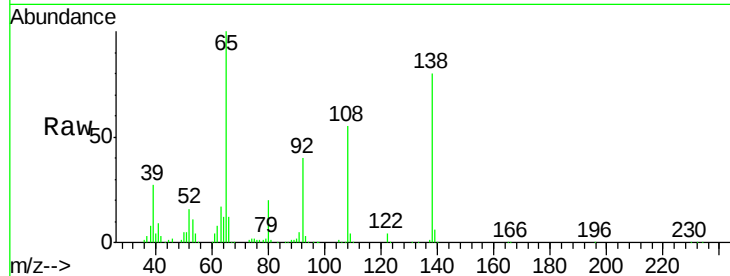
Tot Ion:138 Resp: 140967

Ion Ratio Lower Upper

138 100

92 49.8 30.2 70.2

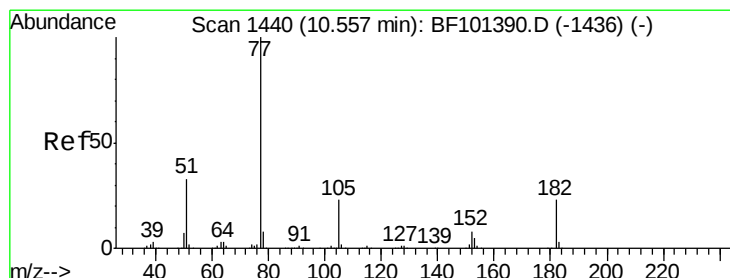
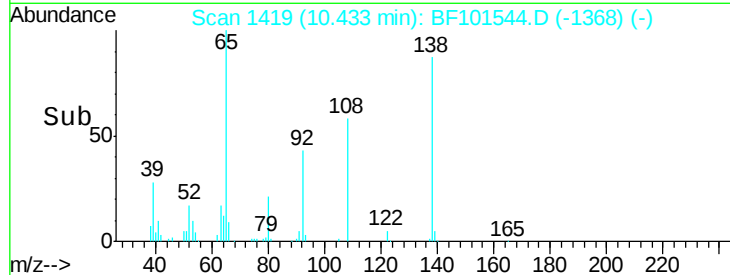
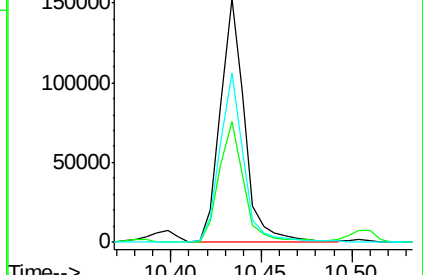
108 69.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.317 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Tgt Ion: 77 Resp: 703242

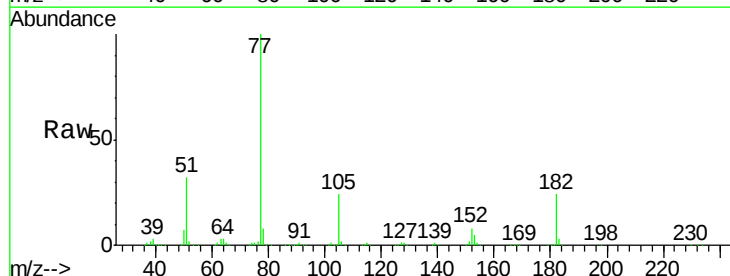
Ion Ratio Lower Upper

77 100

182 24.0 1.7 41.7

105 23.6 3.0 43.0

51 32.2 9.9 49.9

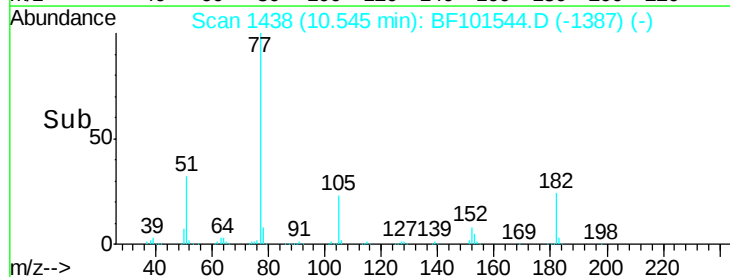
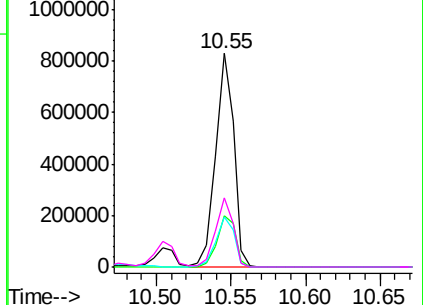


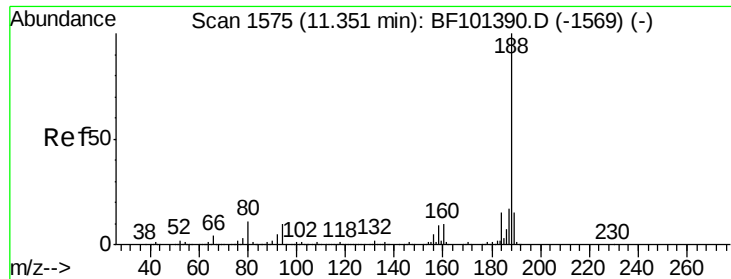
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

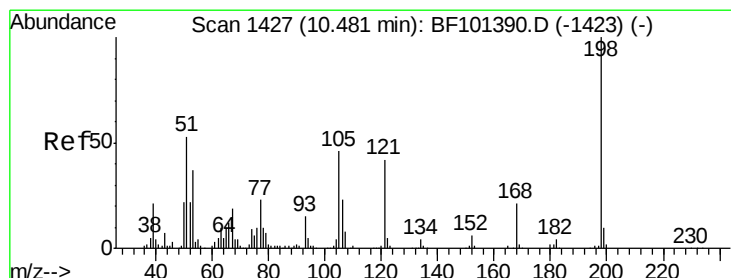
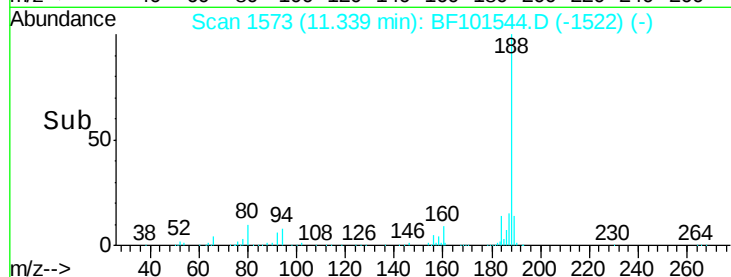
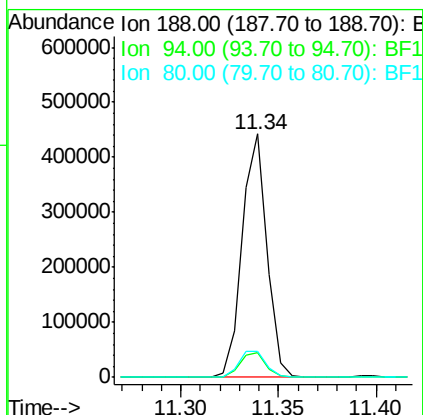
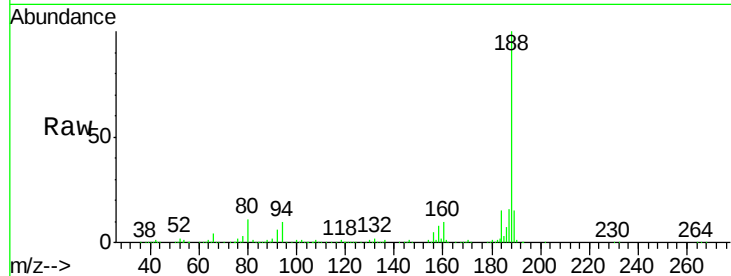




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

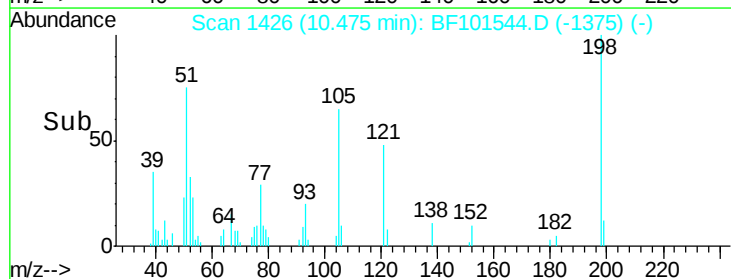
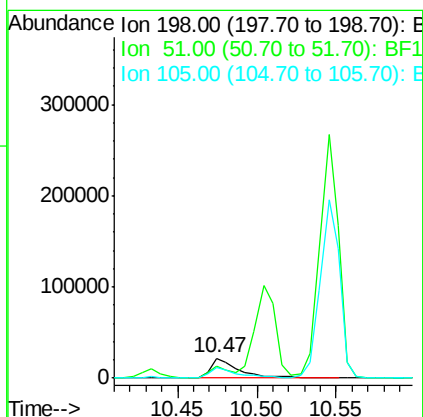
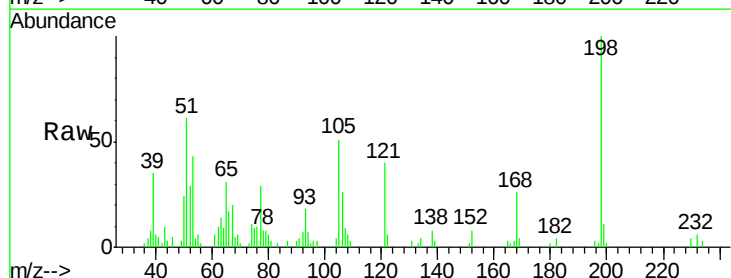
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

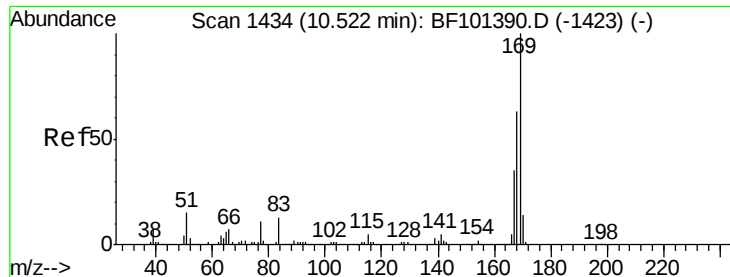
Tot Ion:188 Resp: 387877
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 13.656 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion:198 Resp: 27031
Ion Ratio Lower Upper
198 100
51 61.1 37.7 77.7
105 51.1 36.3 76.3

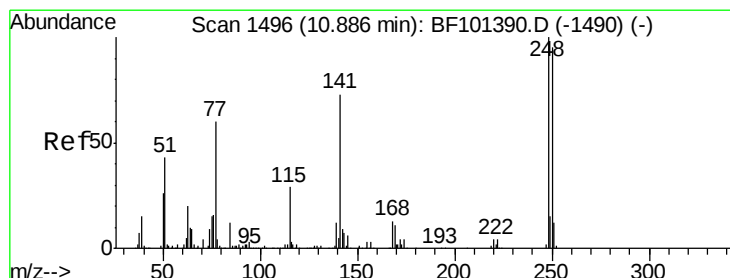
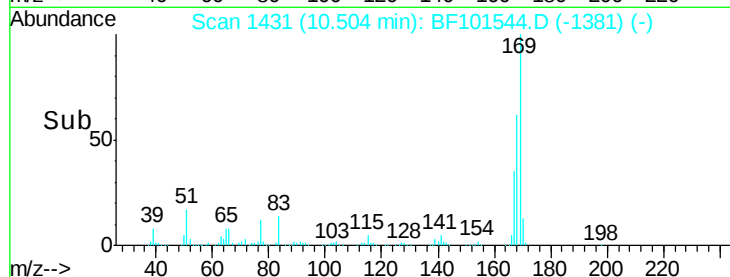
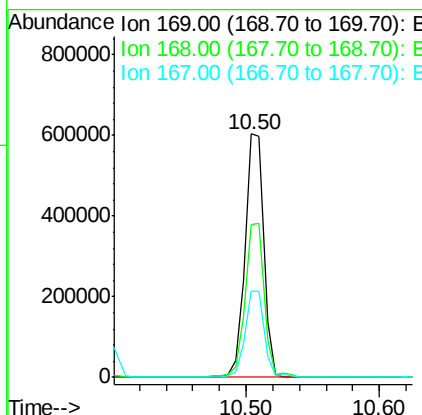
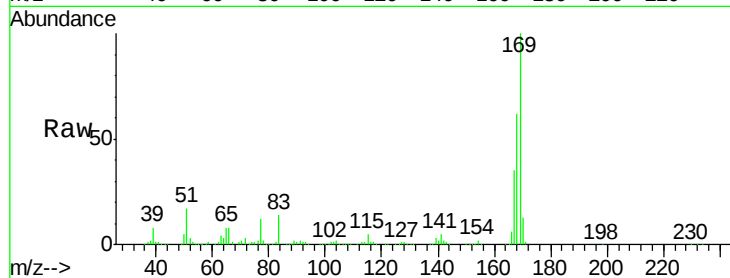




#65
n-Nitrosodiphenylamine
Concen: 40.501 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

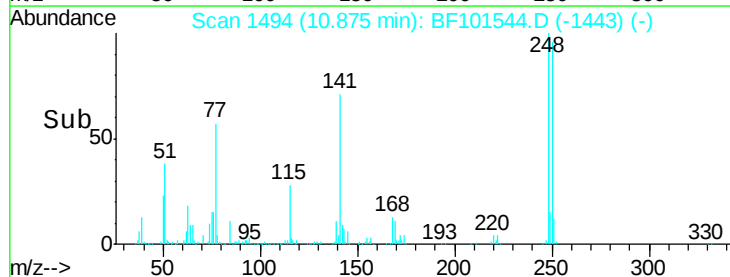
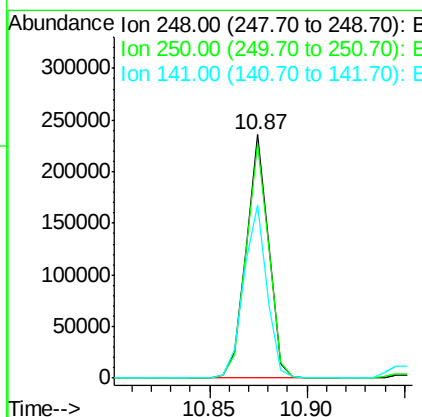
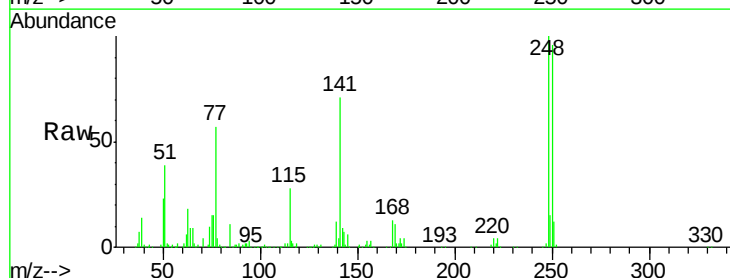
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

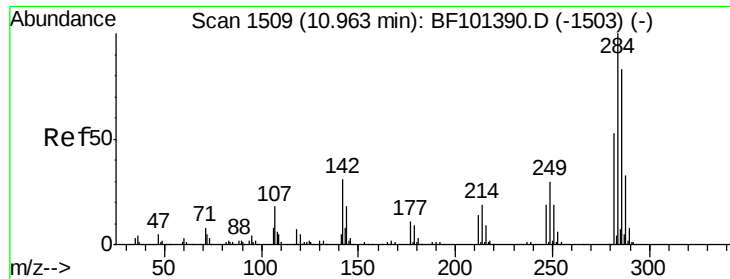
Tot Ion	169	Resp	580058
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	62.5		
167	35.4		



#66
4-Bromophenyl-phenylether
Concen: 43.142 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion	248	Resp	188027
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	96.3		
141	71.1		

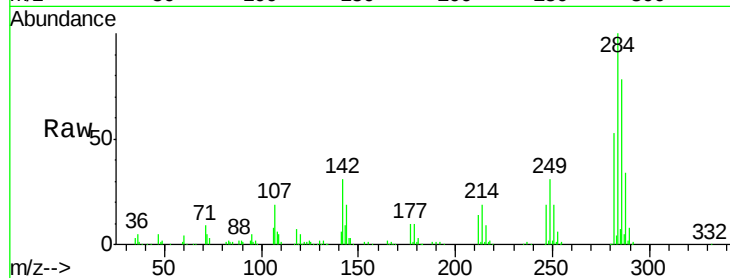




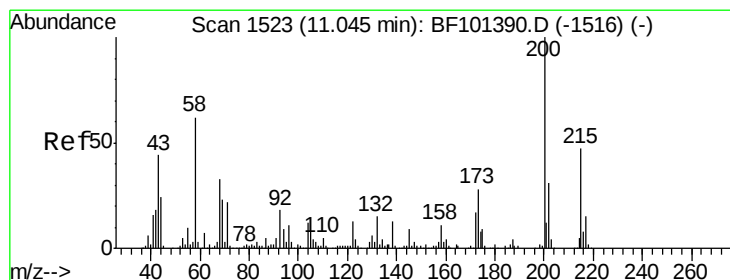
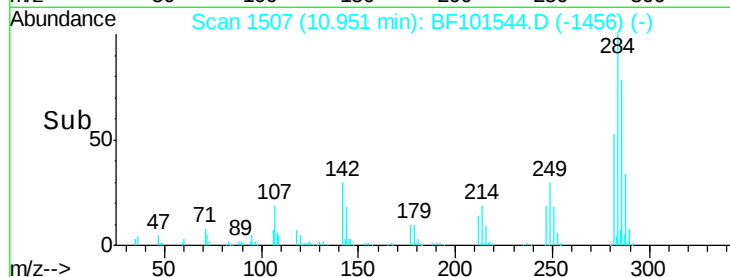
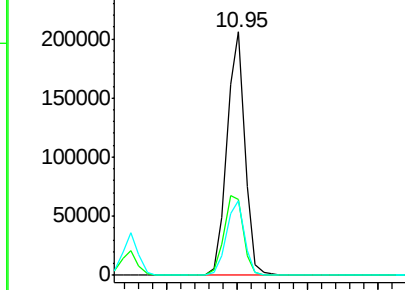
#67
Hexachlorobenzene
Concen: 39.237 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Instrument :
BNA_F
ClientSampleId :
PB105156BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.1	34.6	52.0#
249	30.7	24.8	37.2

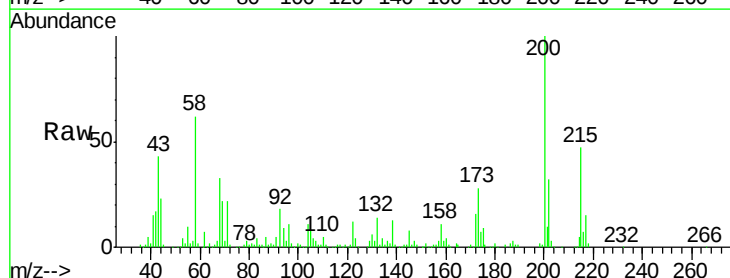


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

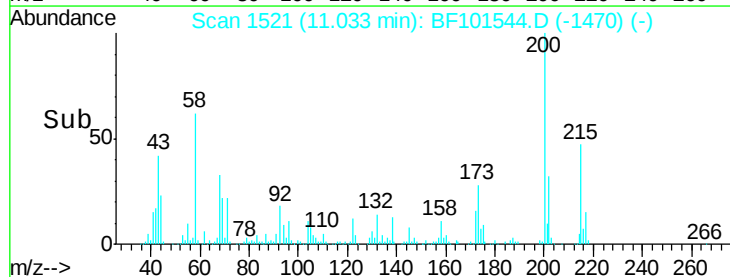
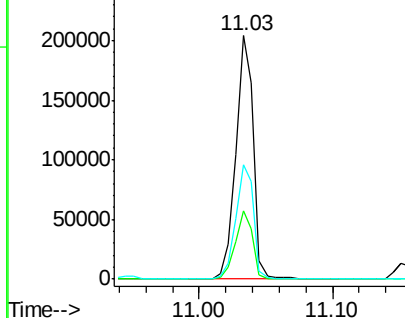


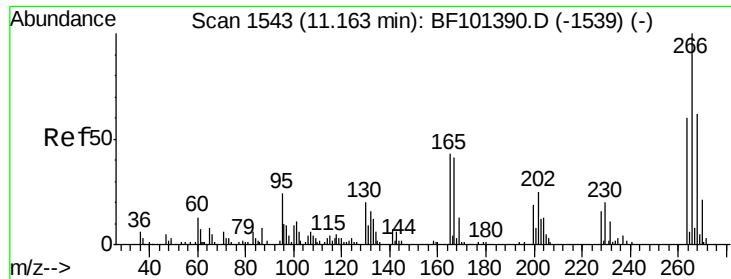
#68
Atrazine
Concen: 43.859 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.6	48.6
215	46.8	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

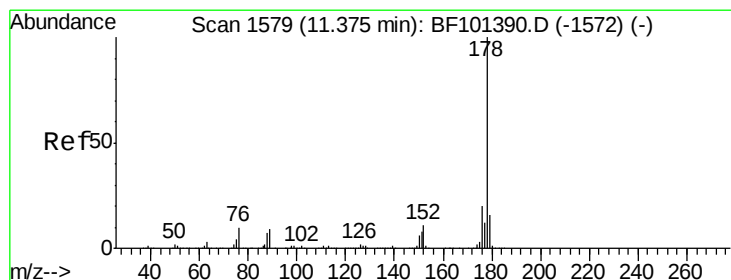
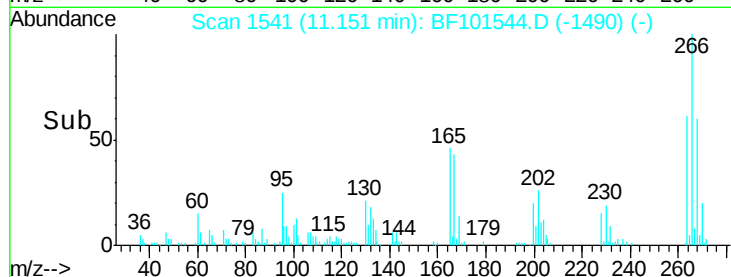
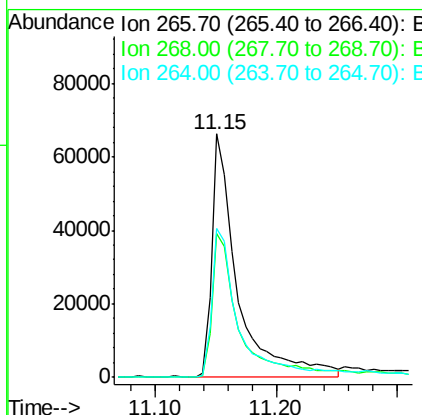
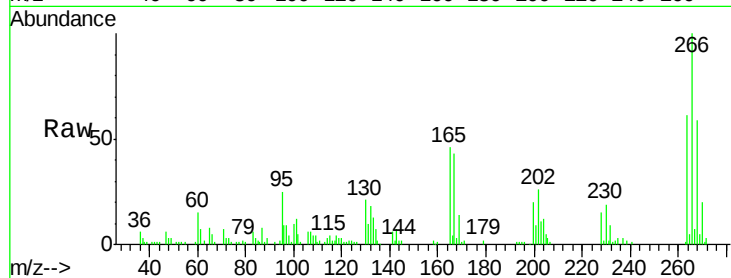




#69
 Pentachlorophenol
 Concen: 56.730 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

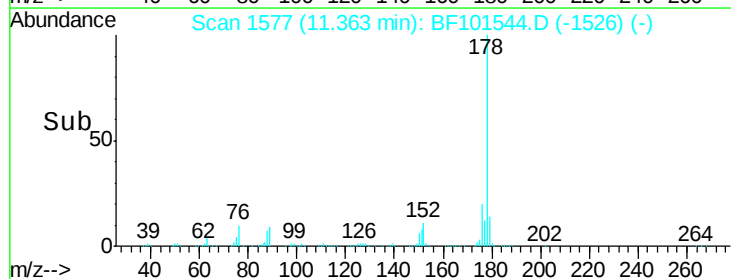
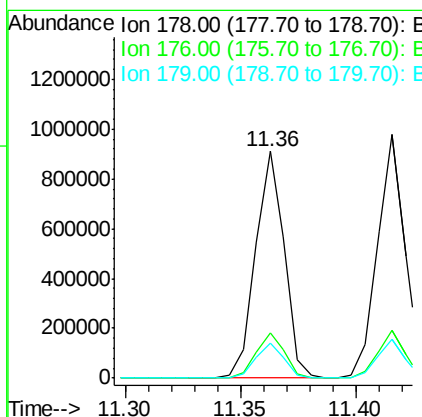
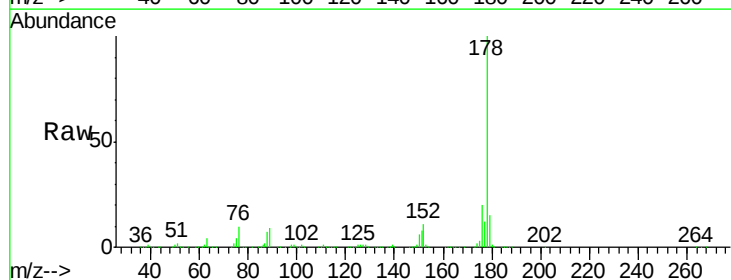
Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

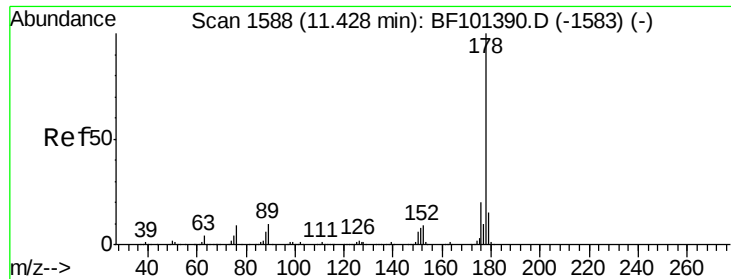
Tot Ion:266 Resp: 98033
 Ion Ratio Lower Upper
 266 100
 268 59.3 51.1 76.7
 264 61.2 49.5 74.3



#70
 Phenanthrene
 Concen: 36.736 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Tgt Ion:178 Resp: 792420
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.4 13.0 19.6





#71

Anthracene

Concen: 37.173 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

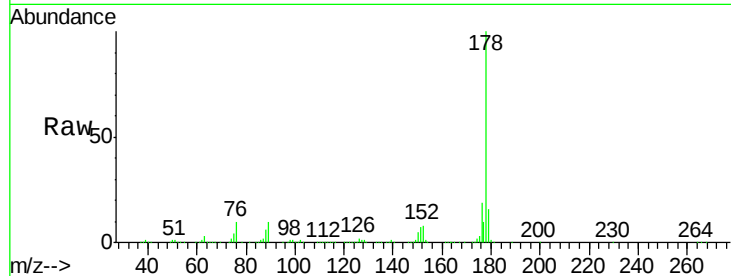
Tot Ion:178 Resp: 819059

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

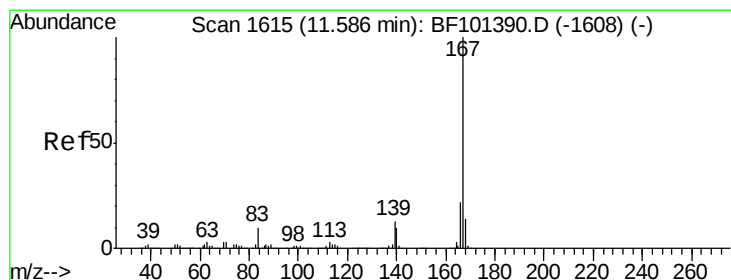
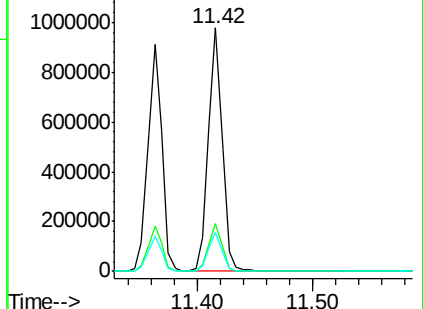
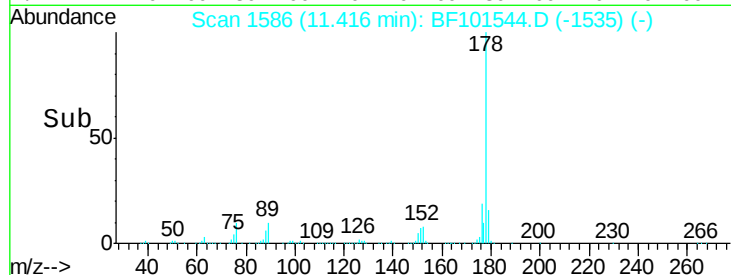
179 15.7 12.6 19.0



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: 34.880 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

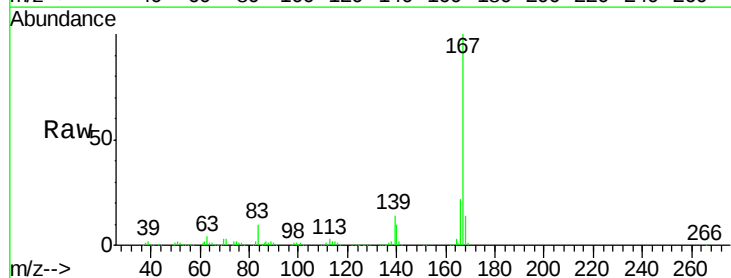
Tgt Ion:167 Resp: 719552

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

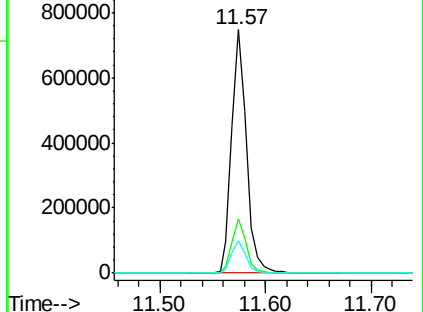
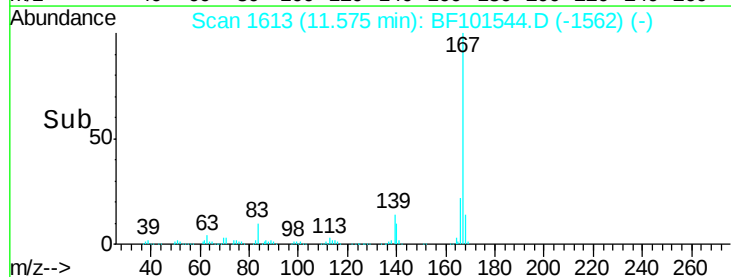
139 13.6 10.9 16.3

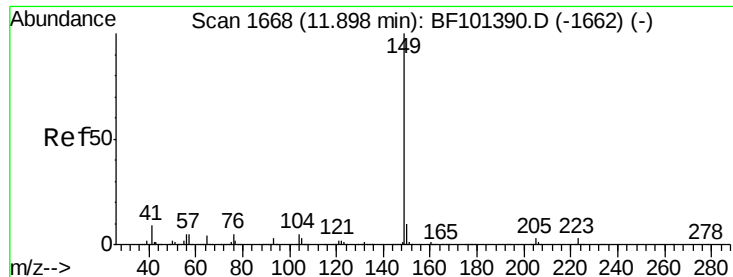


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.074 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

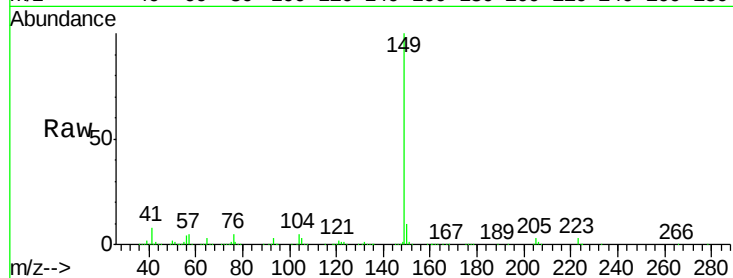
Tot Ion:149 Resp: 1003373

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

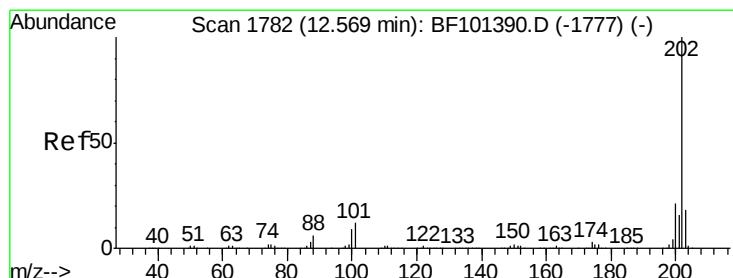
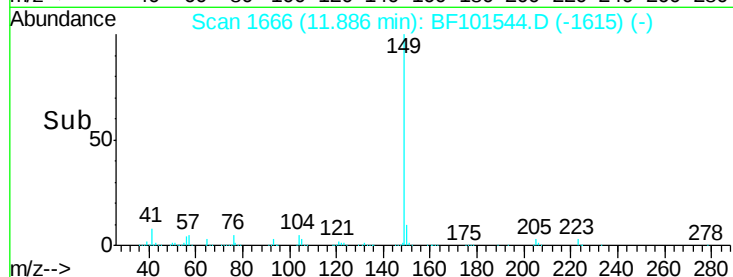
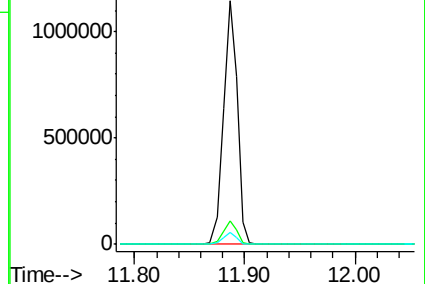
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.916 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

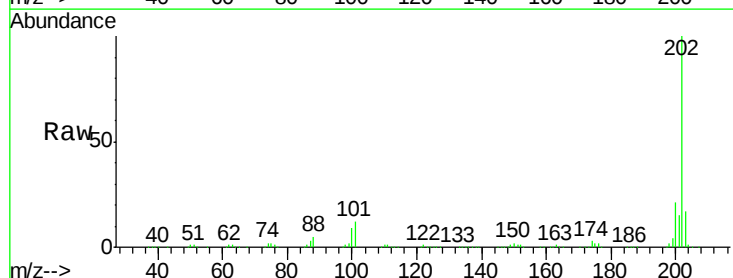
Tgt Ion:202 Resp: 722628

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

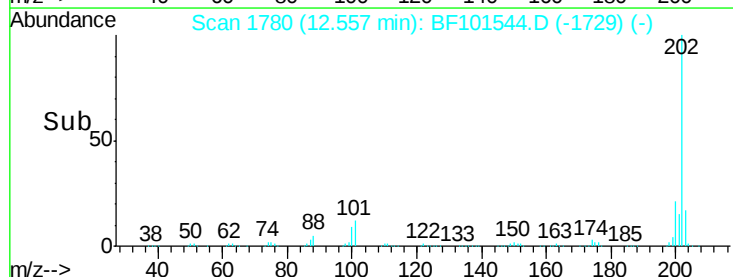
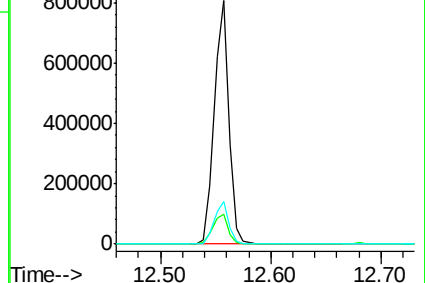
203 17.3 0.0 38.1

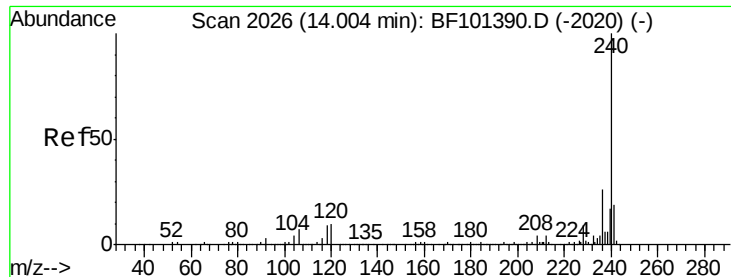


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

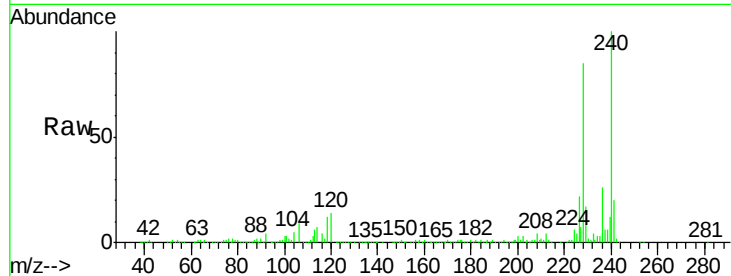
Tot Ion:240 Resp: 278011

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

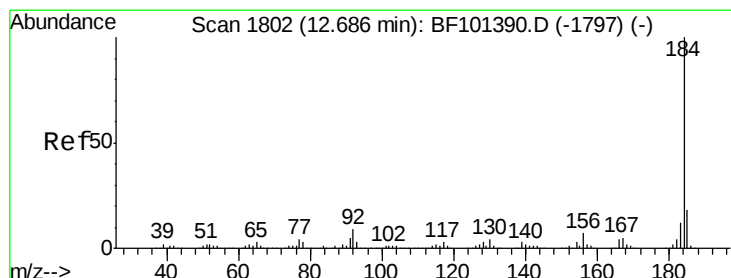
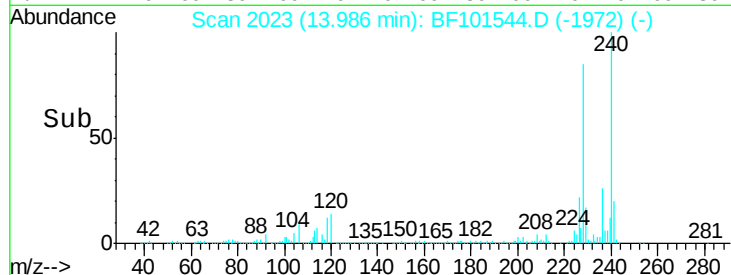
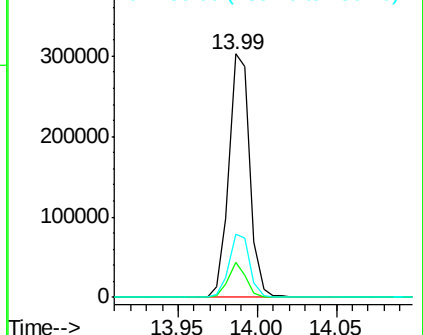
236 26.1 20.7 31.1



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: 43.129 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

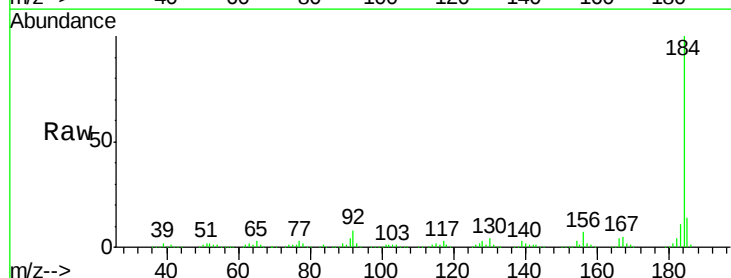
Tgt Ion:184 Resp: 506414

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

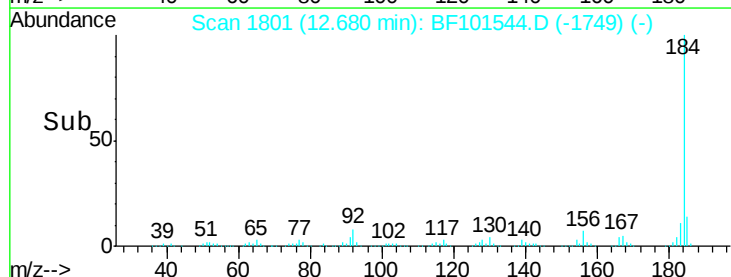
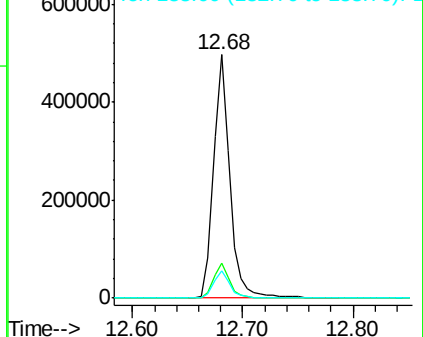
183 11.3 9.3 13.9

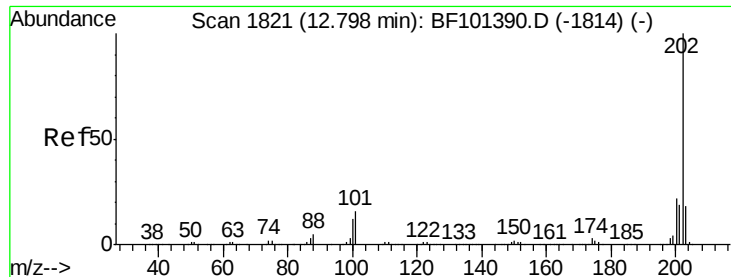


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

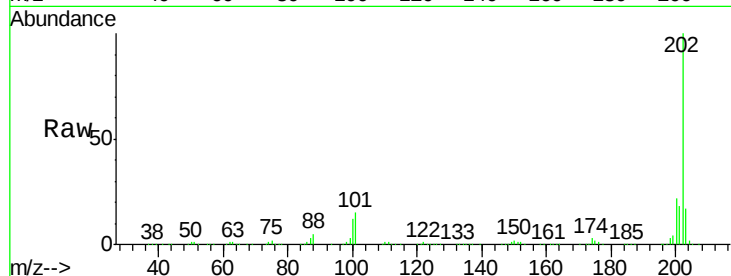




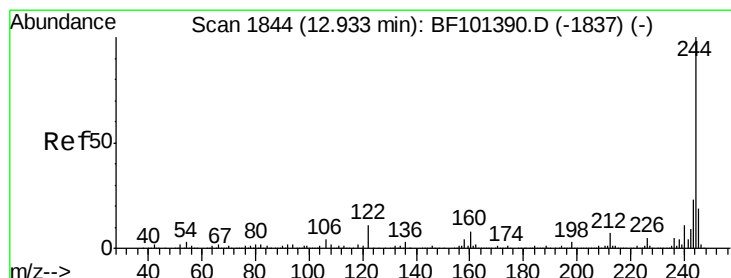
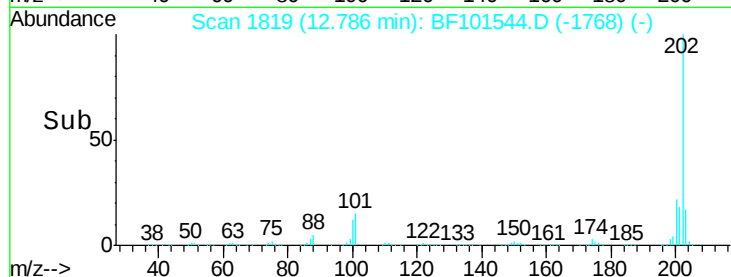
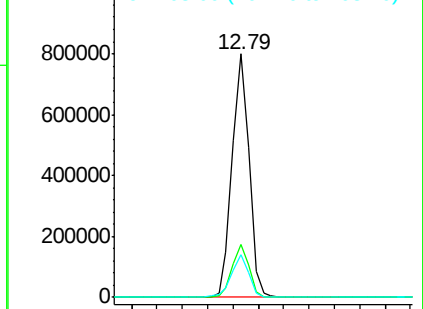
#77
Pvrene
Concen: 35.263 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Instrument :
BNA_F
ClientSampleId :
PB105156BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5

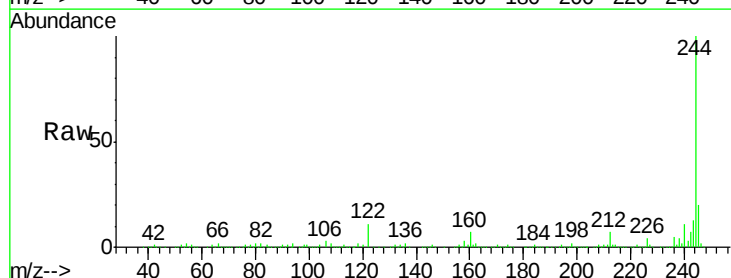


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

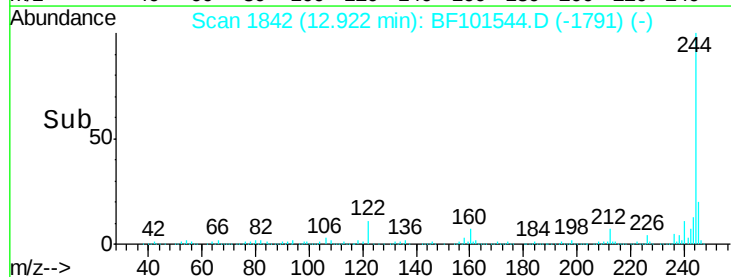
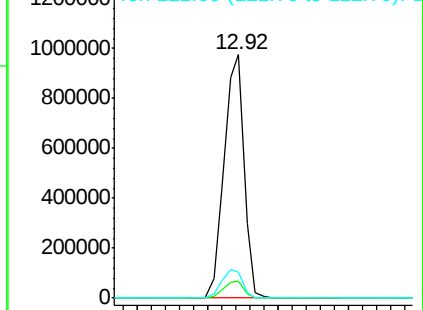


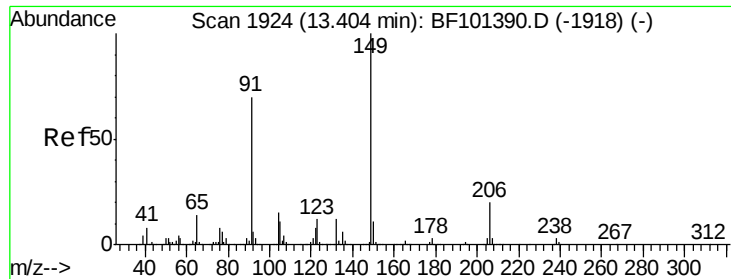
#78
Terphenyl-d14
Concen: 83.009 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.9	11.0	16.4#



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

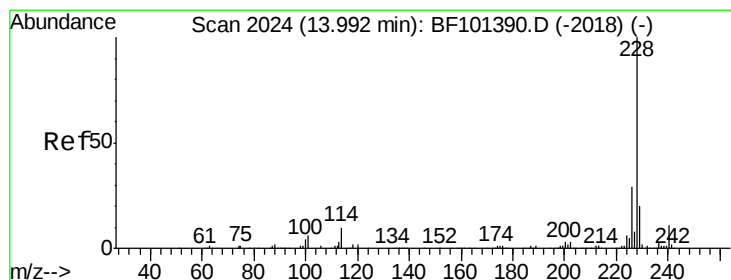
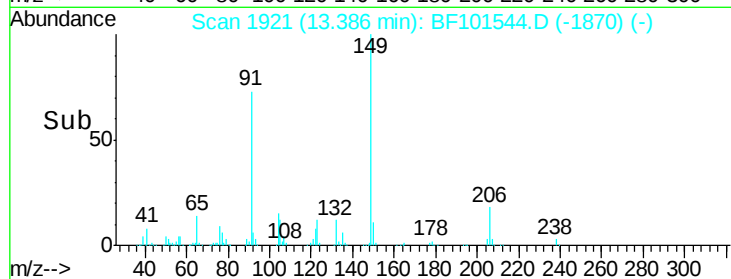
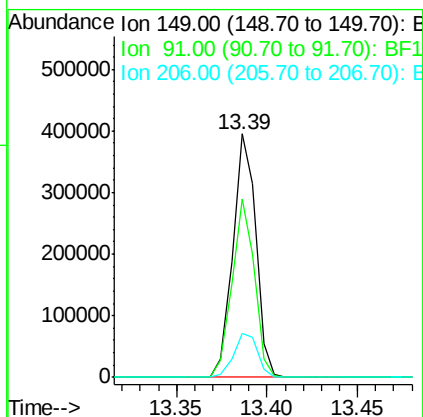
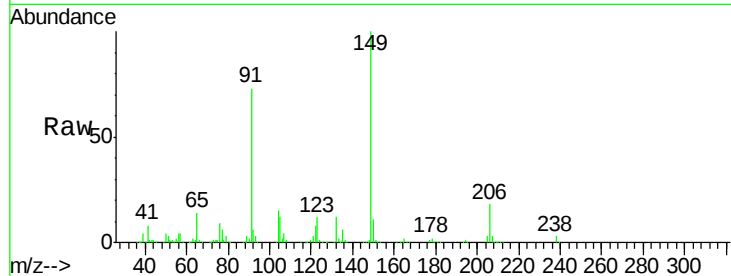




#79
Butylbenzylphthalate
Concen: 37.069 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

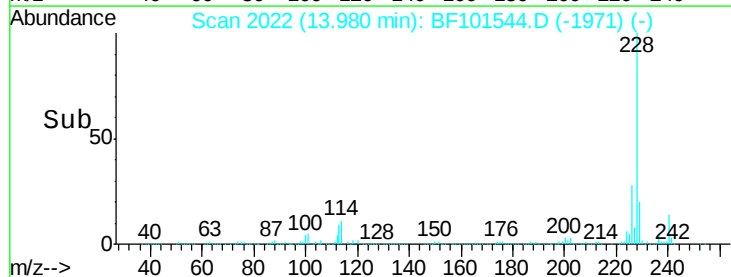
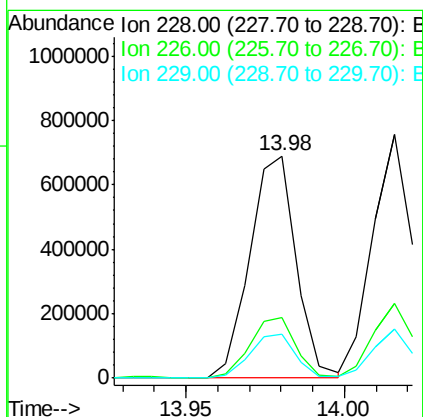
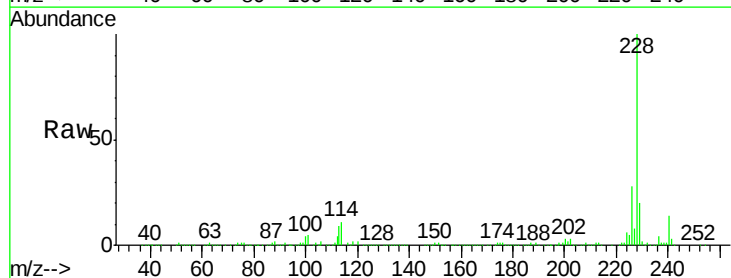
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

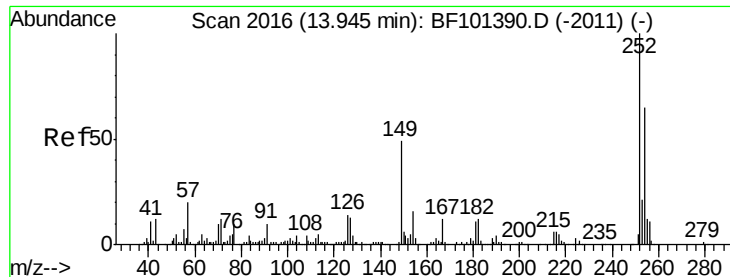
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.057 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.7	15.8	23.6

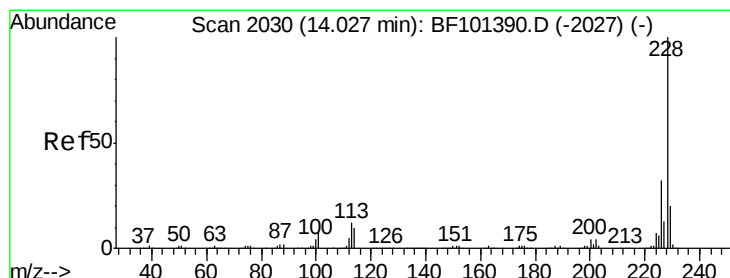
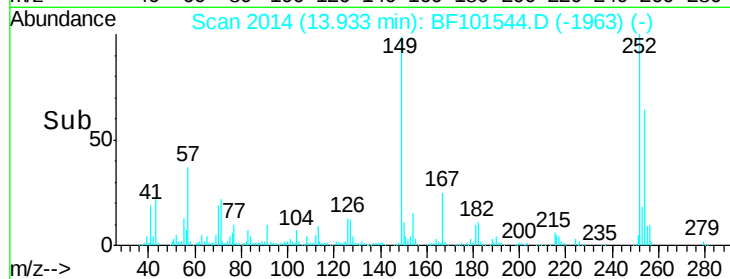
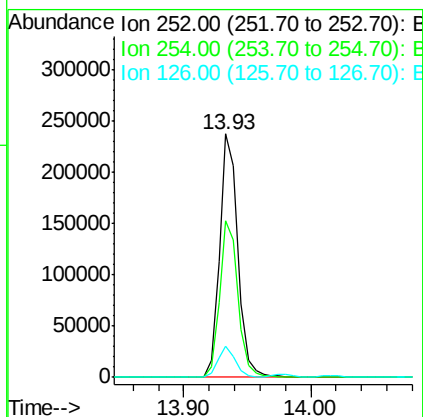
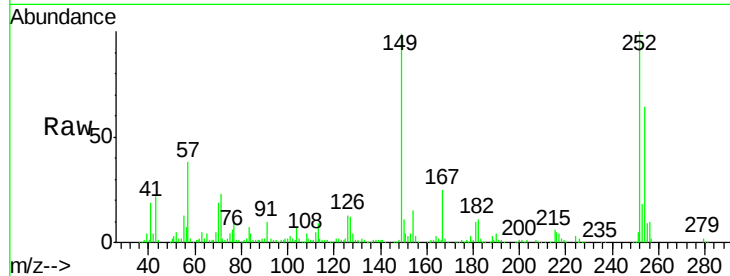




#81
 3,3'-Dichlorobenzidine
 Concen: 39.922 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

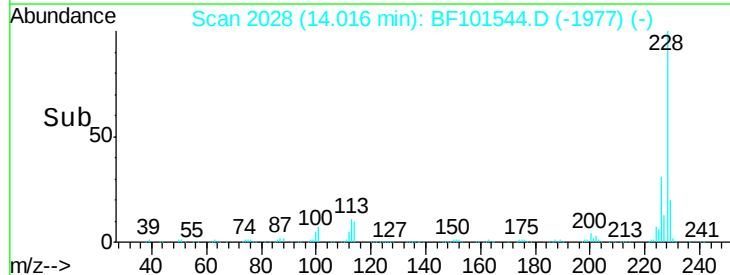
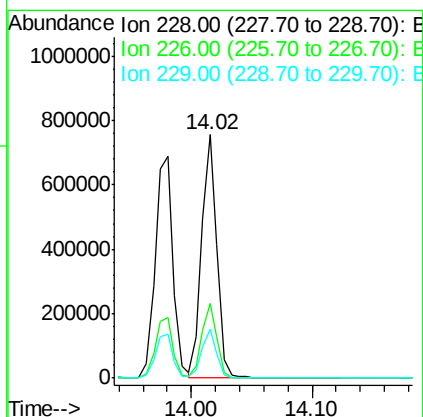
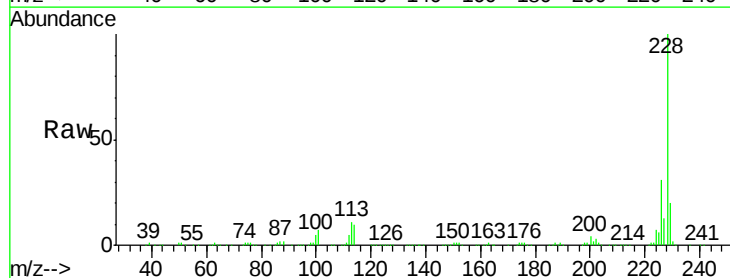
Instrument :
 BNA_F
 ClientSampleId :
 PB105156BSD

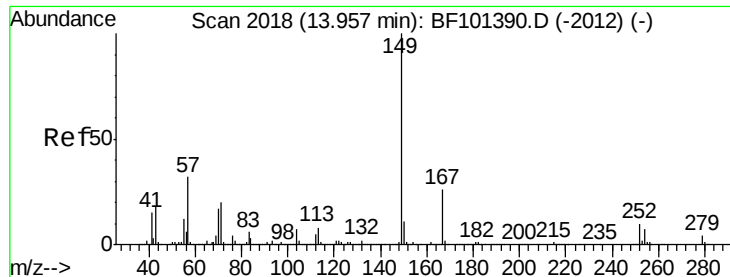
Tot Ion:252 Resp: 238965
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.4 75.6
 126 13.0 11.3 16.9



#82
 Chrysene
 Concen: 38.380 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF101544.D
 Acq: 20 Dec 2017 2:16

Tgt Ion:228 Resp: 665238
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.629 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

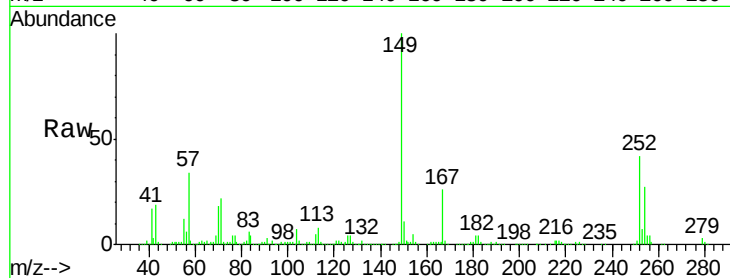
Tot Ion:149 Resp: 437998

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

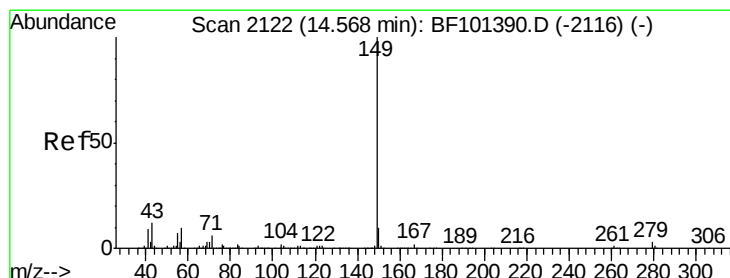
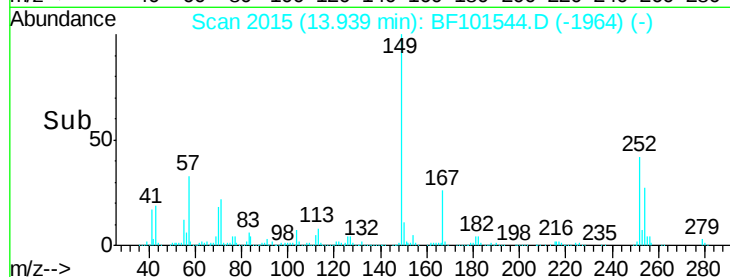
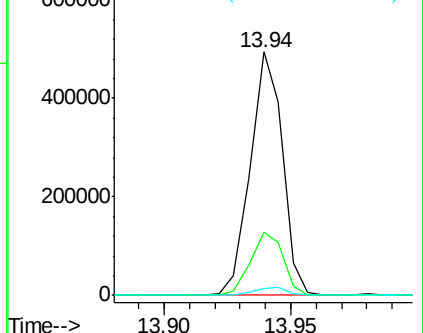
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.628 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

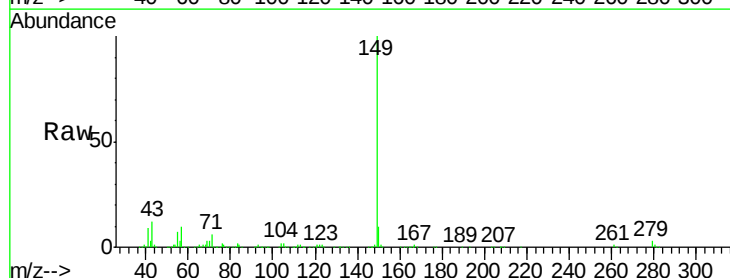
Tgt Ion:149 Resp: 802432

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

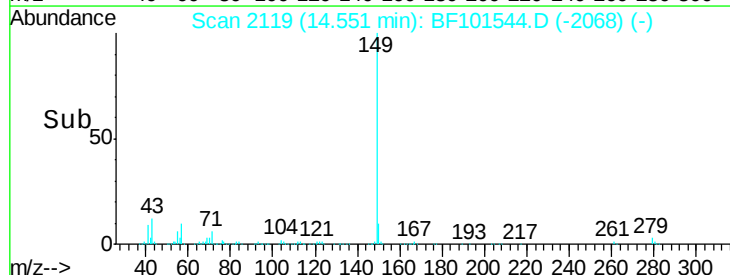
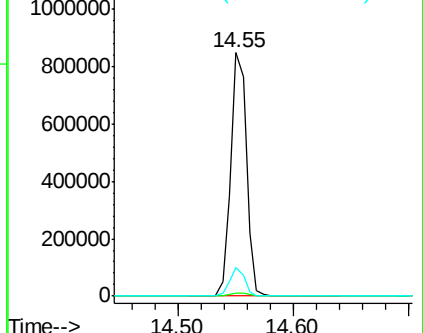
43 11.0 8.4 12.6

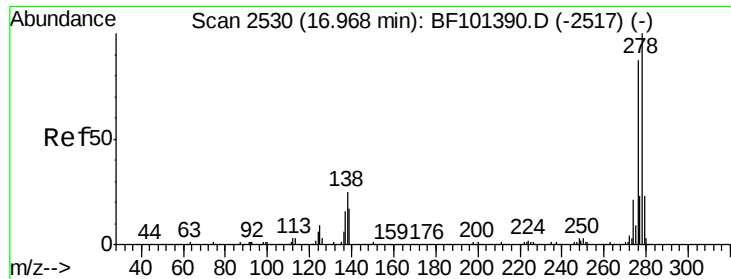


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

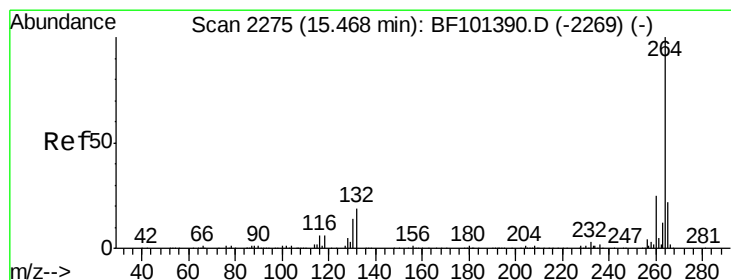
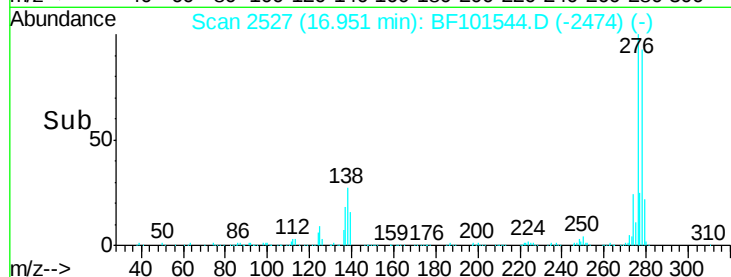
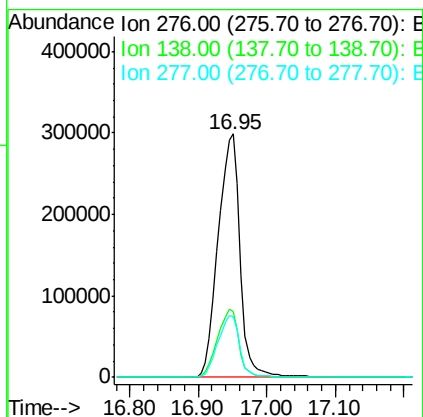
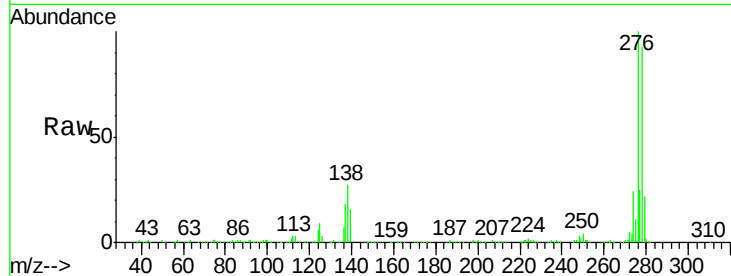




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.001 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

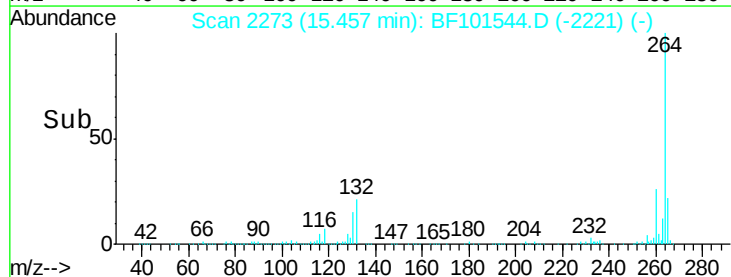
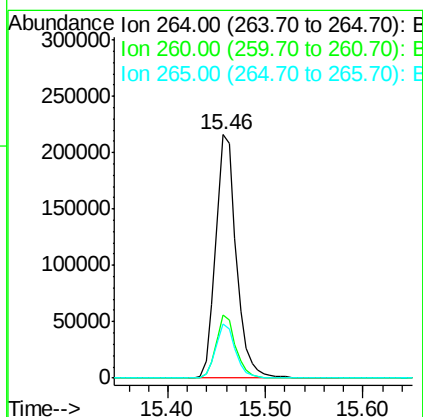
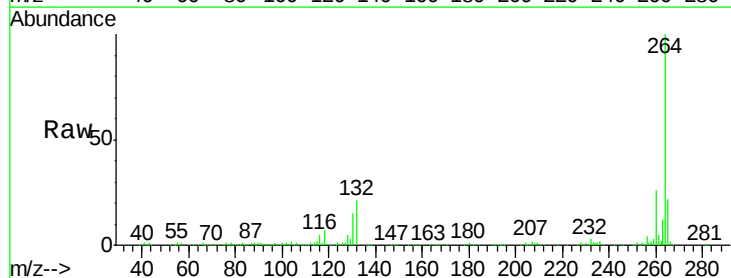
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

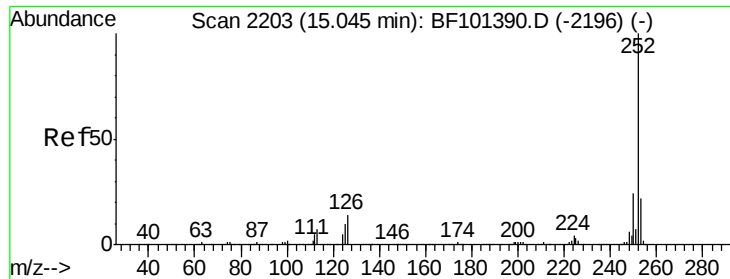
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.2	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	22.1	17.5	26.3

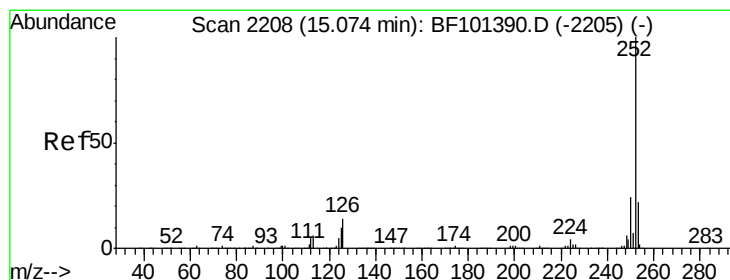
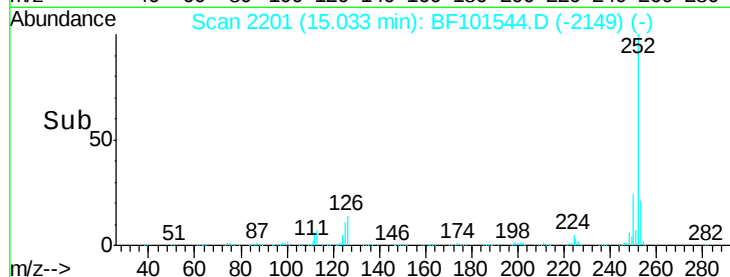
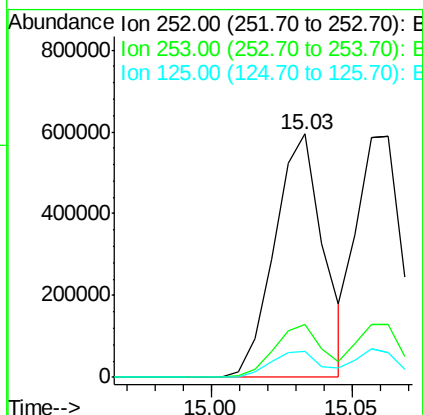
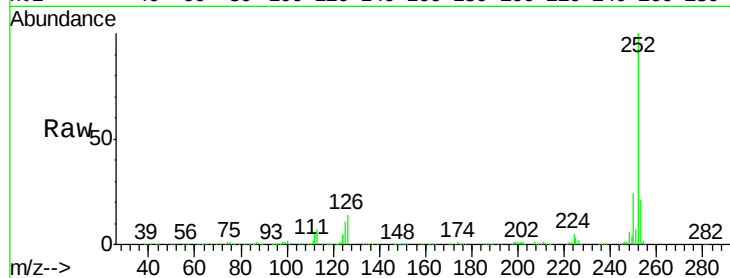




#87
Benzo(b)fluoranthene
Concen: 36.931 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

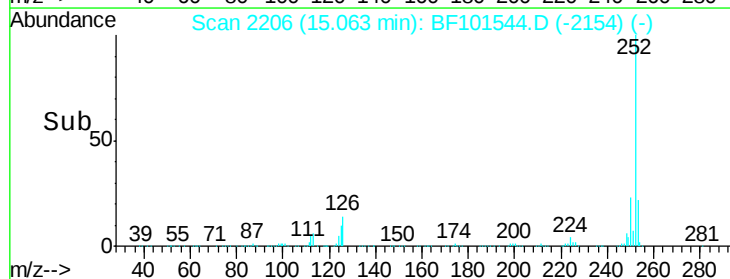
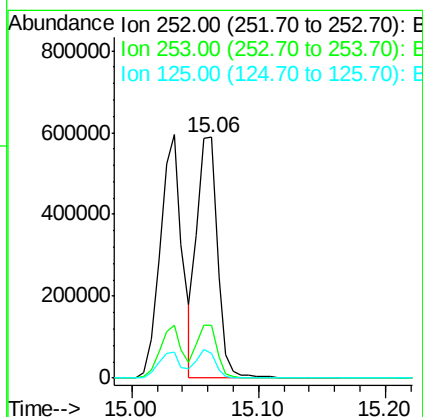
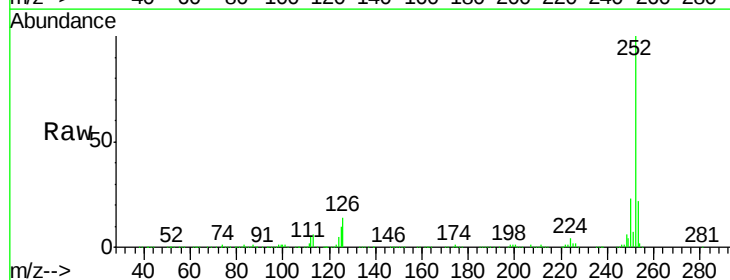
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

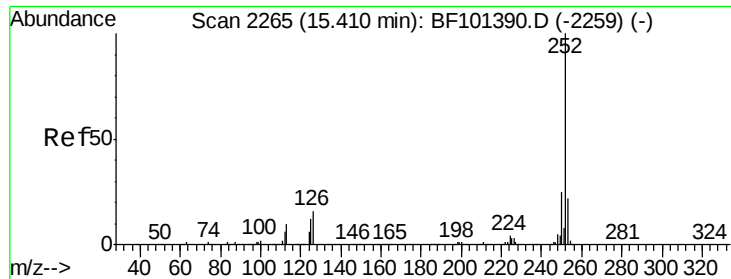
Tot Ion:252 Resp: 714646
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.097 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion:252 Resp: 660312
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.2 10.2 15.2

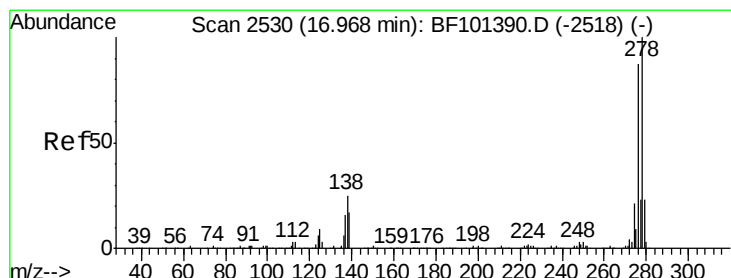
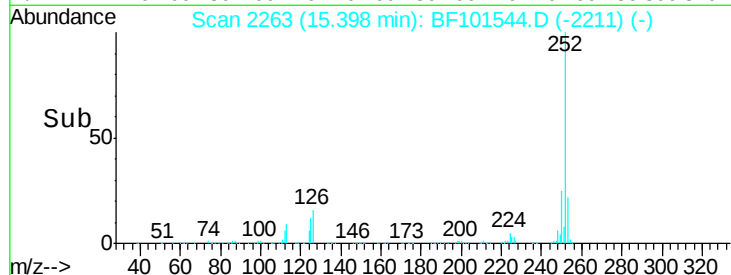
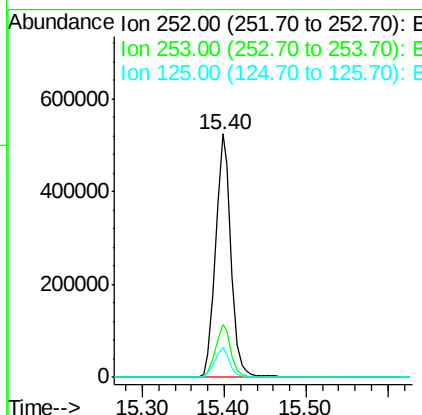
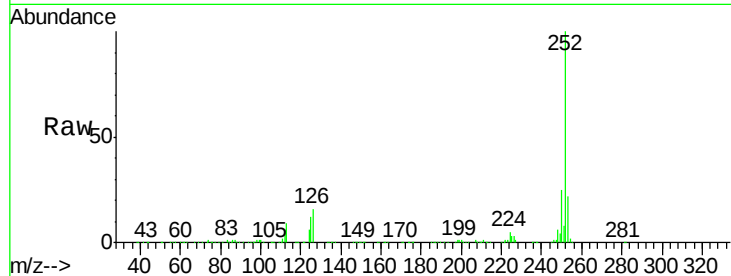




#89
Benzo(a)pyrene
Concen: 38.810 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

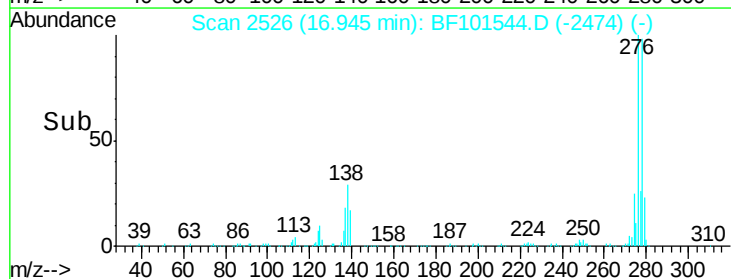
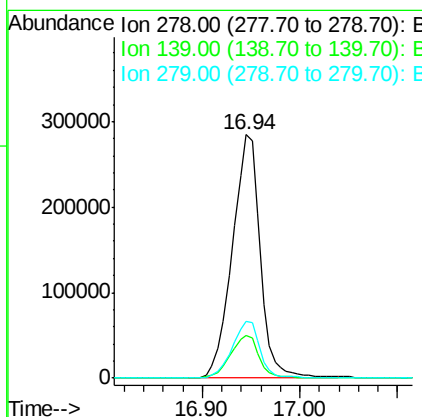
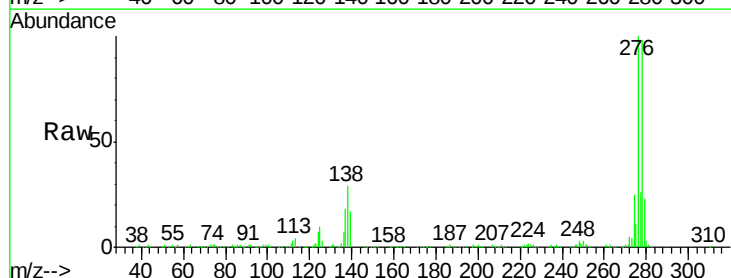
Instrument :
BNA_F
ClientSampleId :
PB105156BSD

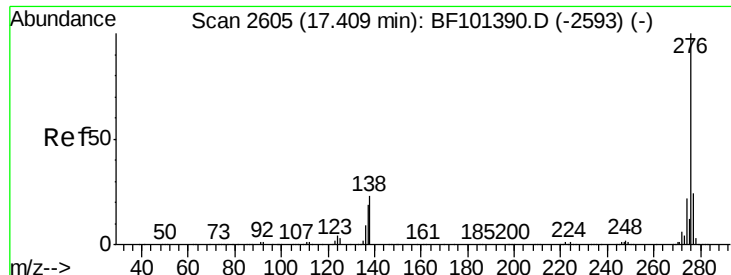
Tot Ion:252 Resp: 692316
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.894 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF101544.D
Acq: 20 Dec 2017 2:16

Tgt Ion:278 Resp: 565068
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.168 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF101544.D

Acq: 20 Dec 2017 2:16

Instrument :

BNA_F

ClientSampleId :

PB105156BSD

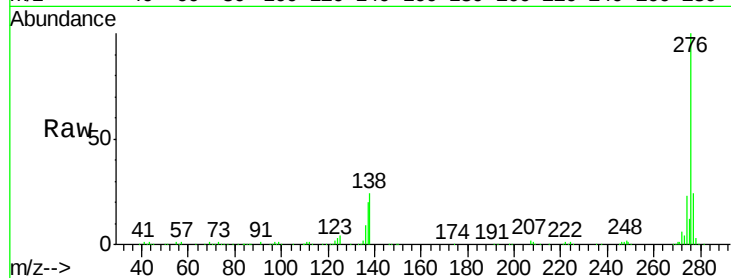
Tot Ion: 276 Resp: 533351

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 24.3 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

