

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101465.D
 Acq On : 16 Dec 2017 2:09
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 02:55:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	154011	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	606732	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	258402	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	408104	20.00	ng	0.00
75) Chrysene-d12	14.00	240	282770	20.00	ng	0.00
86) Perylene-d12	15.47	264	271298	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	808902	78.24	ng	0.00
7) Phenol-d6	6.46	99	925959	71.96	ng	0.00
23) Nitrobenzene-d5	7.39	82	822458	75.46	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	175408	70.45	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1312002	78.76	ng	0.00
78) Terphenyl-d14	12.93	244	931579	79.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	193463	36.416	ng	94
3) Pyridine	3.30	79	561324	38.028	ng	96
4) n-Nitrosodimethylamine	3.27	42	245492	36.122	ng	99
6) Aniline	6.49	93	644971	36.069	ng	95
8) 2-Chlorophenol	6.60	128	408583	37.567	ng	97
9) Benzaldehyde	6.37	77	356100	37.472	ng	98
10) Phenol	6.47	94	523965	35.726	ng	80
11) bis(2-Chloroethyl)ether	6.56	93	421498	36.639	ng	95
12) 1,3-Dichlorobenzene	6.76	146	465191	37.897	ng	99
13) 1,4-Dichlorobenzene	6.83	146	473267	37.755	ng	99
14) 1,2-Dichlorobenzene	6.99	146	425218	37.686	ng	98
15) Benzyl Alcohol	6.97	79	308722	34.857	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	633089	35.958	ng	82
17) 2-Methylphenol	7.08	107	358610	35.845	ng	# 93
18) Hexachloroethane	7.32	117	134179	30.788	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	287228	33.990	ng	94
20) 3+4-Methylphenols	7.23	107	407352	38.424	ng	# 61
22) Acetophenone	7.23	105	518073	37.422	ng	# 87
24) Nitrobenzene	7.41	77	440173	36.489	ng	98
25) Isophorone	7.64	82	781693	35.751	ng	97
26) 2-Nitrophenol	7.72	139	174945	33.757	ng	99
27) 2,4-Dimethylphenol	7.76	122	329968	37.478	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	508671	36.623	ng	98
29) 2,4-Dichlorophenol	7.97	162	337318	38.780	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	345728	37.664	ng	97
31) Naphthalene	8.12	128	1107950	36.273	ng	99
32) Benzoic acid	7.90	122	117300	24.454	ng	100
33) 4-Chloroaniline	8.17	127	499721	37.641	ng	97
34) Hexachlorobutadiene	8.23	225	204734	38.563	ng	98
35) Caprolactam	8.56	113	107434	35.570	ng	90
36) 4-Chloro-3-methylphenol	8.66	107	346071	36.198	ng	100
37) 2-Methylnaphthalene	8.82	142	722986	36.330	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	344248	39.458	ng	# 97
40) Hexachlorocyclopentadiene	8.96	237	1291	12.333	ng	83

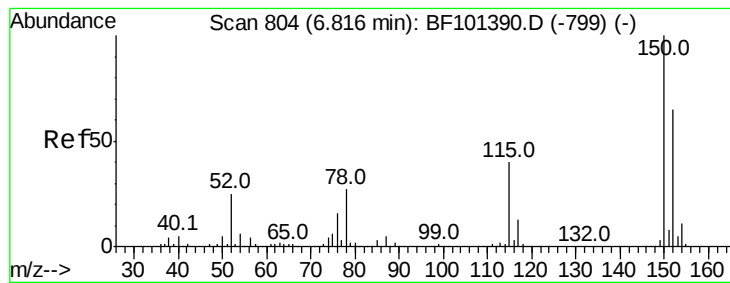
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101465.D
 Acq On : 16 Dec 2017 2:09
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Quant Time: Dec 16 02:55:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	208076	39.616	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	222359	38.665	ng	94
45) 1,1'-Biphenyl	9.27	154	876553	38.250	ng	99
46) 2-Chloronaphthalene	9.30	162	656275	37.427	ng	98
47) 2-Nitroaniline	9.41	65	241890	39.933	ng	91
48) Acenaphthylene	9.72	152	1007687	36.385	ng	99
49) Dimethylphthalate	9.57	163	771232	37.106	ng	99
50) 2,6-Dinitrotoluene	9.65	165	151519	35.868	ng	95
51) Acenaphthene	9.89	154	594863	35.750	ng	99
52) 3-Nitroaniline	9.83	138	212525	40.352	ng	96
53) 2,4-Dinitrophenol	9.98	184	1353	11.121	ng	# 21
54) Dibenzofuran	10.06	168	806807	38.154	ng	98
55) 4-Nitrophenol	10.00	139	73398	31.960	ng	93
56) 2,4-Dinitrotoluene	10.06	165	168485	35.400	ng	# 79
57) Fluorene	10.41	166	660627	36.931	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	147870	35.788	ng	# 88
59) Diethylphthalate	10.27	149	760494	36.948	ng	96
60) 4-Chlorophenyl-phenylether	10.39	204	329759	38.464	ng	95
61) 4-Nitroaniline	10.44	138	186814	35.289	ng	97
62) Azobenzene	10.56	77	712325	33.408	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	11178	5.367	ng	94
65) n-Nitrosodiphenylamine	10.52	169	638668	42.383	ng	96
66) 4-Bromophenyl-phenylether	10.89	248	196944	42.949	ng	# 86
67) Hexachlorobenzene	10.96	284	196543	40.497	ng	92
68) Atrazine	11.04	200	167703	37.324	ng	95
69) Pentachlorophenol	11.16	266	61406	36.426	ng	99
70) Phenanthrene	11.37	178	855429	37.692	ng	99
71) Anthracene	11.43	178	875841	37.780	ng	100
72) Carbazole	11.59	167	798143	36.772	ng	98
73) Di-n-butylphthalate	11.90	149	1066044	40.466	ng	99
74) Fluoranthene	12.56	202	799950	33.580	ng	99
76) Benzidine	12.69	184	452342	37.876	ng	99
77) Pyrene	12.80	202	803960	37.884	ng	99
79) Butylbenzylphthalate	13.40	149	376522	39.211	ng	97
80) Benzo(a)anthracene	13.99	228	691958	37.059	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	244571	40.171	ng	99
82) Chrysene	14.03	228	662543	37.581	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	477592	39.267	ng	99
84) Di-n-octyl phthalate	14.56	149	820536	37.829	ng	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	553069	35.229	ng	97
87) Benzo(b)fluoranthene	15.04	252	651984	39.428	ng	99
88) Benzo(k)fluoranthene	15.07	252	573529	35.672	ng	98
89) Benzo(a)pyrene	15.41	252	574354	37.677	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	483385	36.933	ng	96
91) Benzo(g,h,i)perylene	17.41	276	459927	35.488	ng	95

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

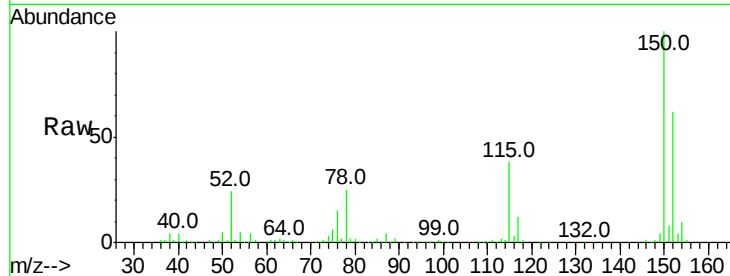


#1

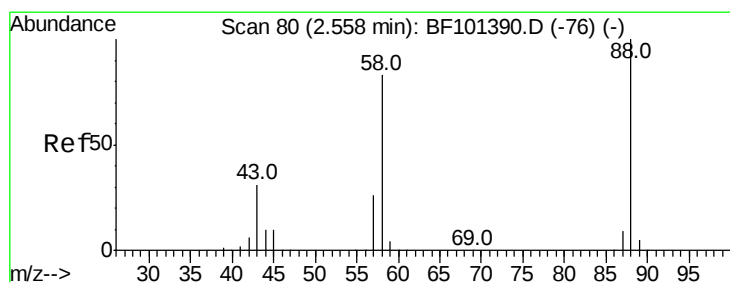
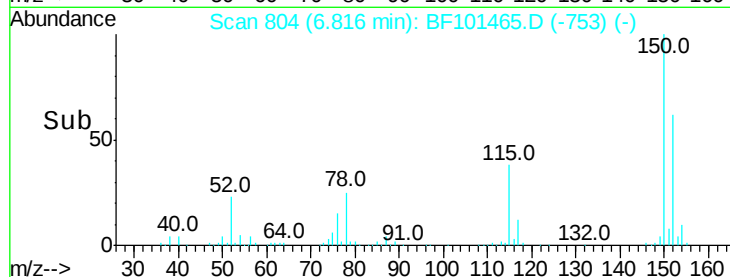
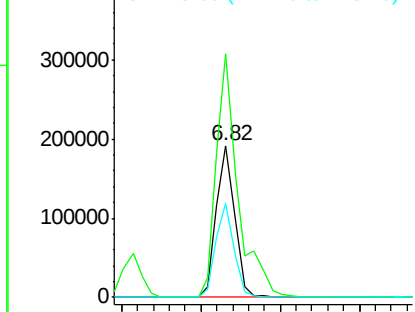
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154011
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 61.5 50.1 75.1



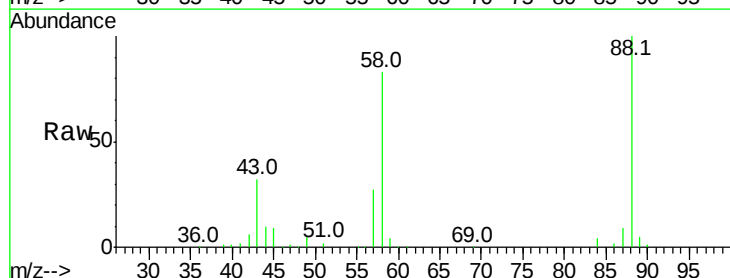
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



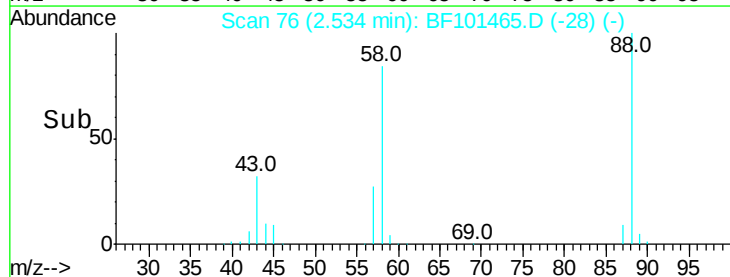
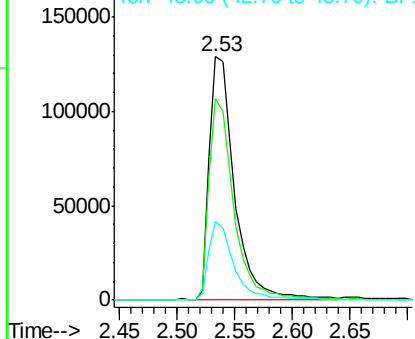
#2

1,4-Dioxane
Concen: 36.416 ng
RT: 2.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion: 88 Resp: 193463
Ion Ratio Lower Upper
88 100
58 83.8 62.6 93.8
43 33.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.028 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

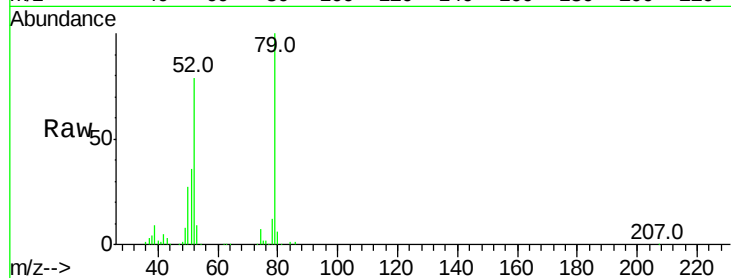
Tot Ion: 79 Resp: 561324

Ion Ratio Lower Upper

79 100

52 78.7 59.8 89.6

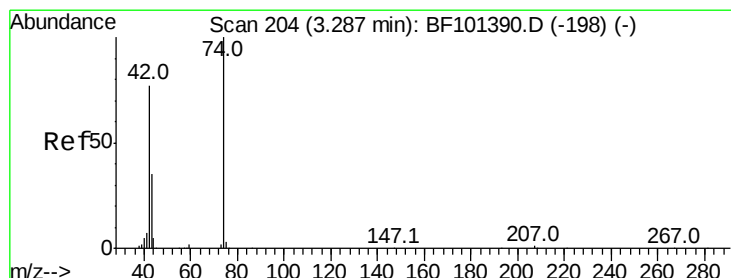
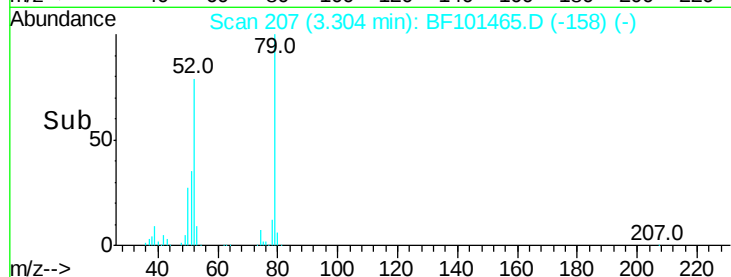
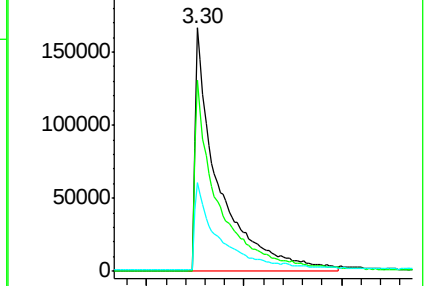
51 36.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.122 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

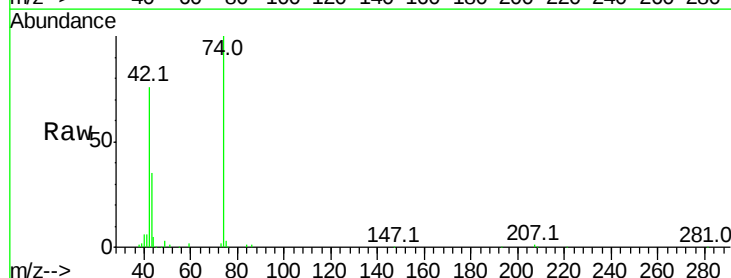
Tgt Ion: 42 Resp: 245492

Ion Ratio Lower Upper

42 100

74 132.0 104.9 157.3

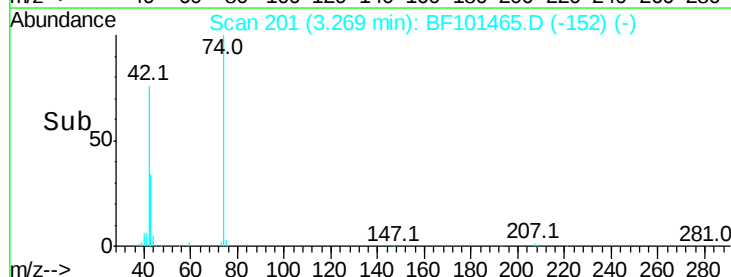
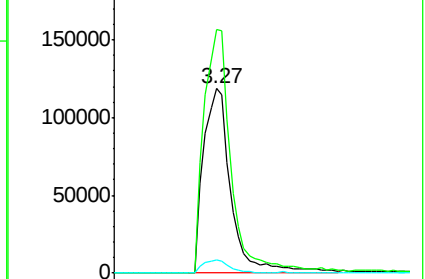
44 7.0 6.9 10.3

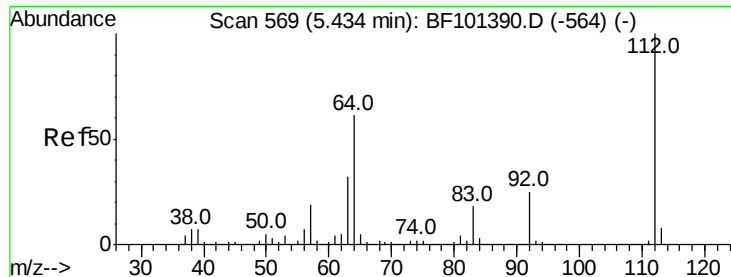


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.236 ng

RT: 5.43 min Scan# 569

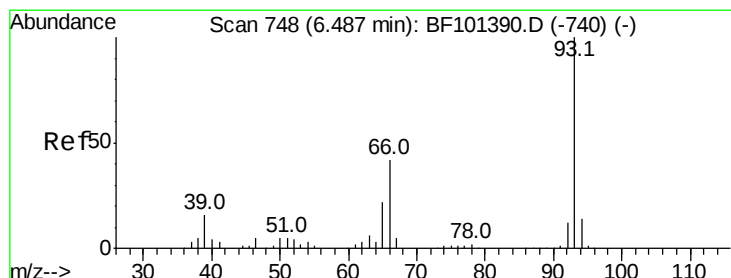
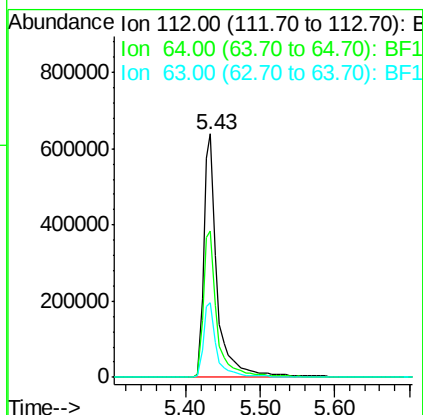
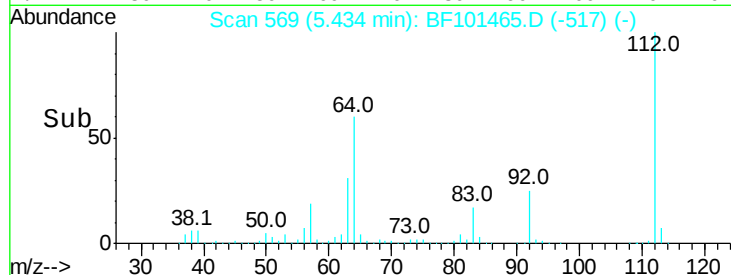
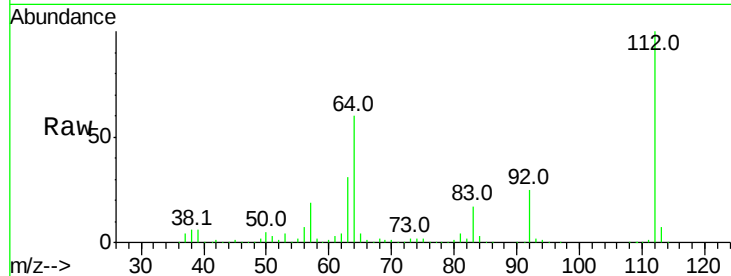
Delta R.T. 0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	808902
Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.5	23.7	35.5



#6

Aniline

Concen: 36.069 ng

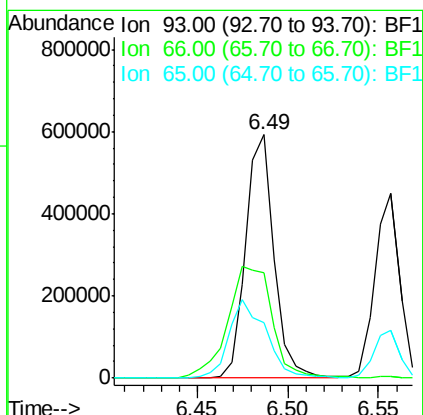
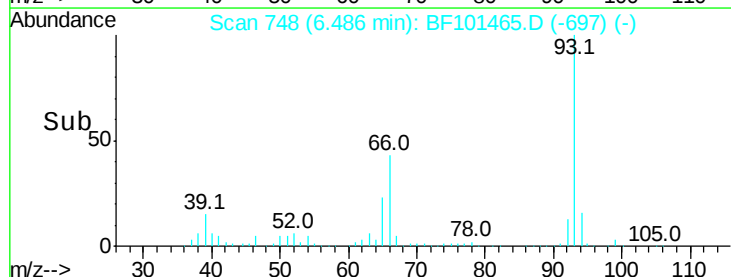
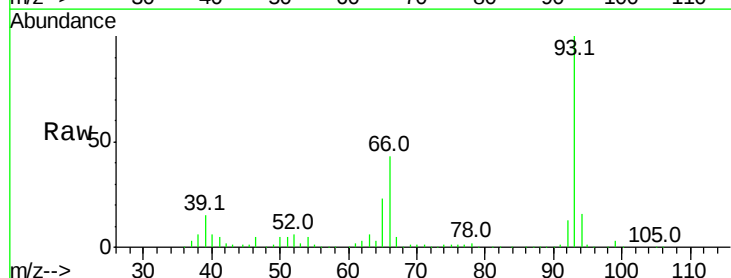
RT: 6.49 min Scan# 748

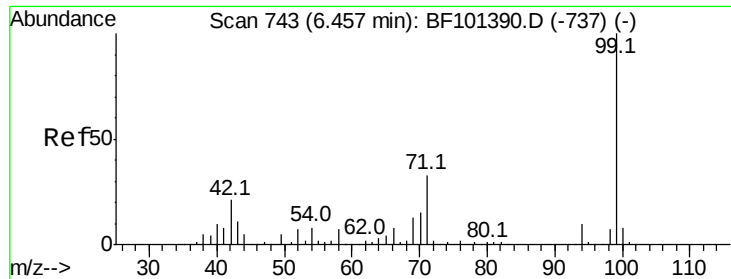
Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Tgt Ion:	93	Resp:	644971
Ion	Ratio	Lower	Upper
93	100		
66	43.3	32.2	48.2
65	22.8	16.4	24.6





#7

Phenol-d6

Concen: 71.961 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampled :

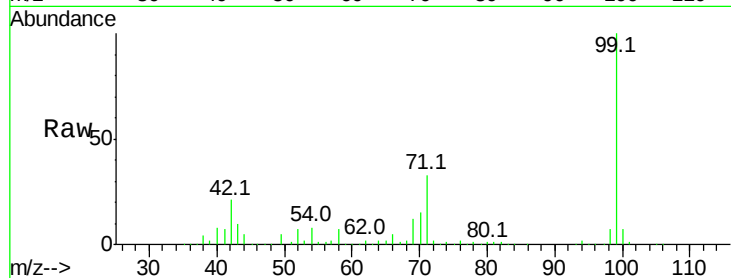
Tot Ion: 99 Resp: 925959

Ion Ratio Lower Upper

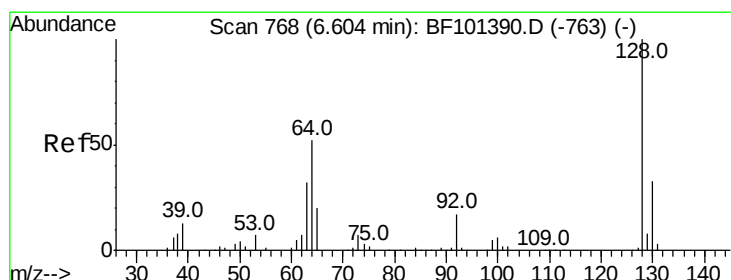
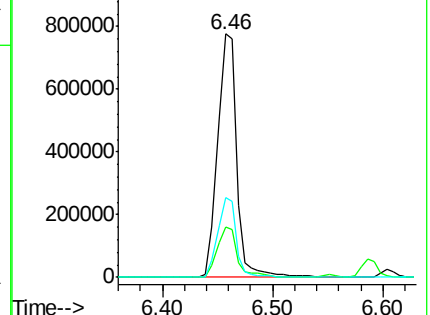
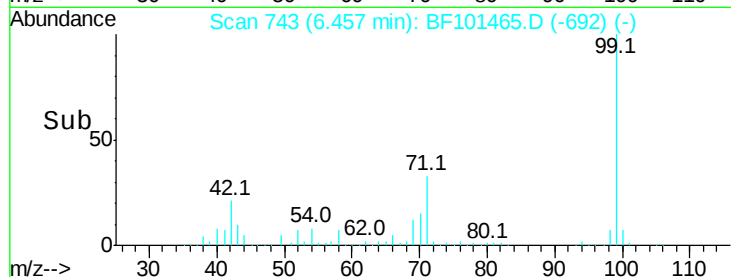
99 100

42 20.7 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: 37.567 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

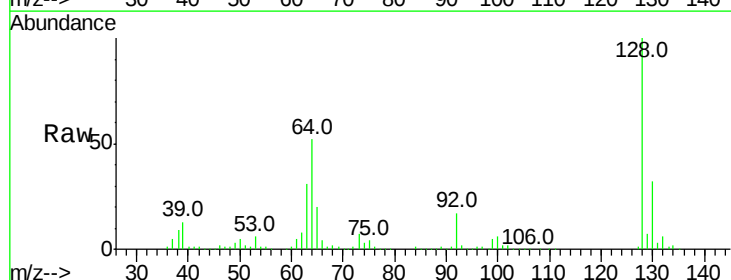
Tgt Ion: 128 Resp: 408583

Ion Ratio Lower Upper

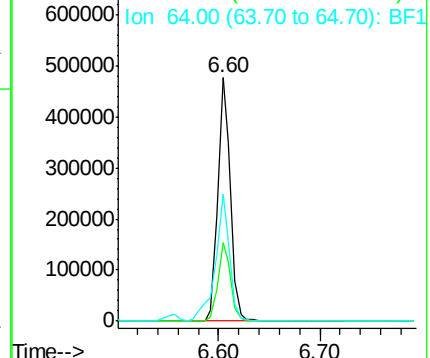
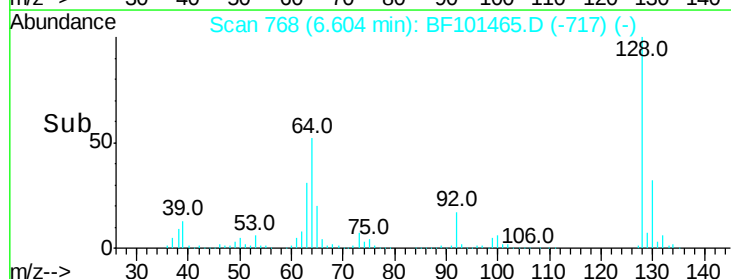
128 100

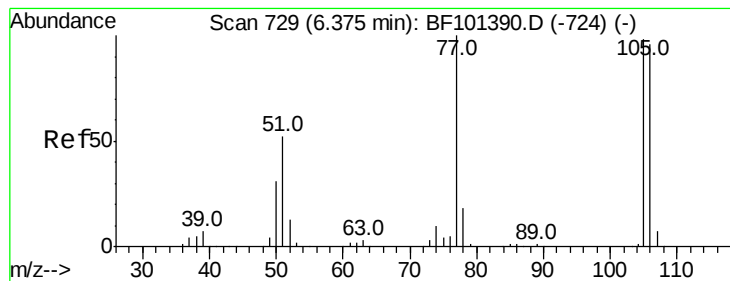
130 32.4 13.0 53.0

64 52.0 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: 37.472 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampled :

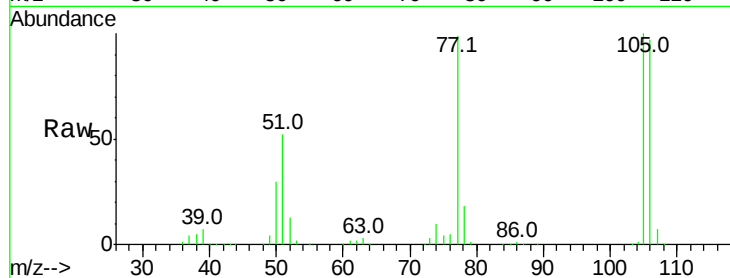
Tot Ion: 77 Resp: 356100

Ion Ratio Lower Upper

77 100

105 101.4 81.1 121.1

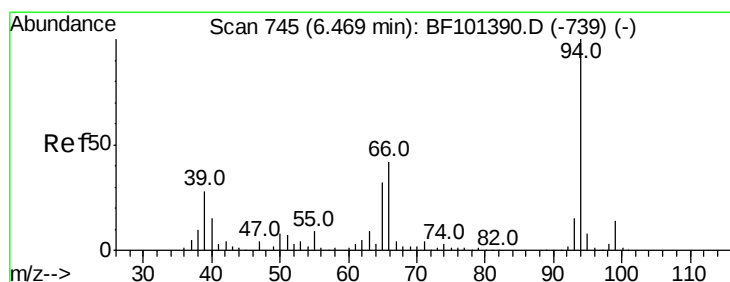
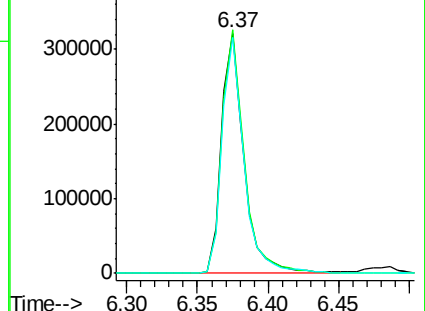
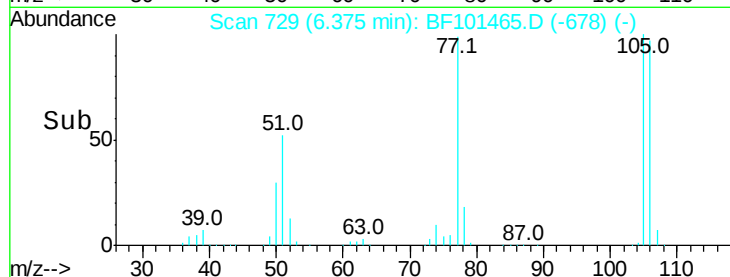
106 98.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.726 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

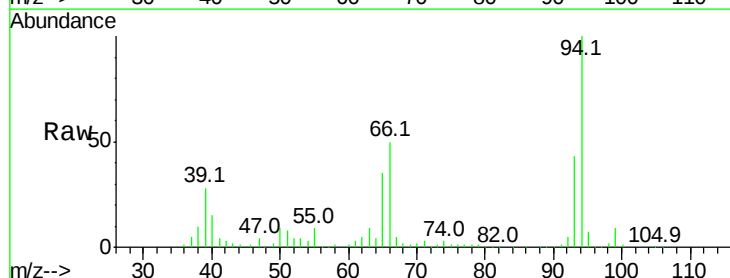
Tgt Ion: 94 Resp: 523965

Ion Ratio Lower Upper

94 100

65 35.4 7.9 47.9

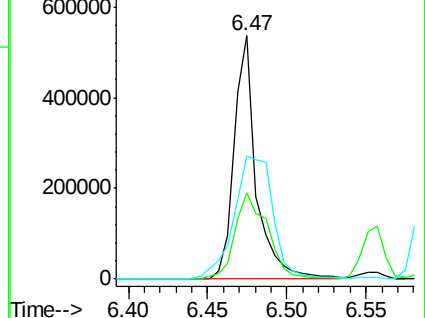
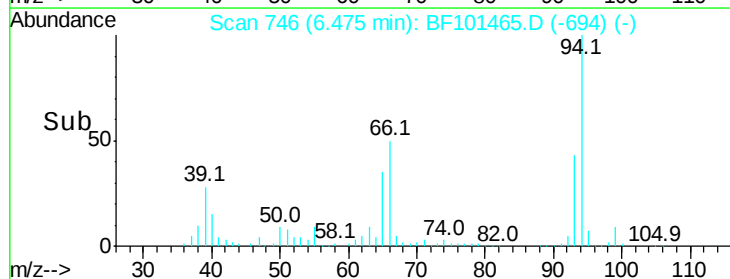
66 50.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

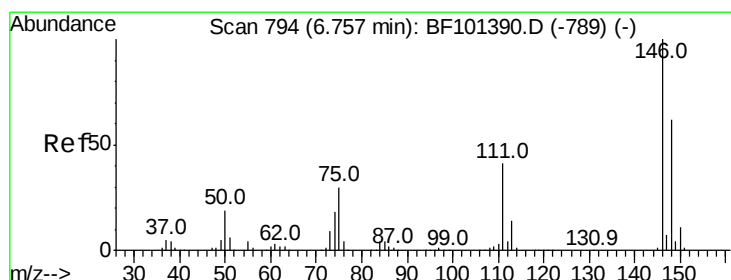
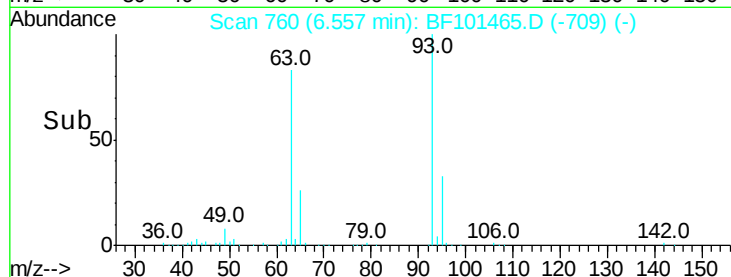
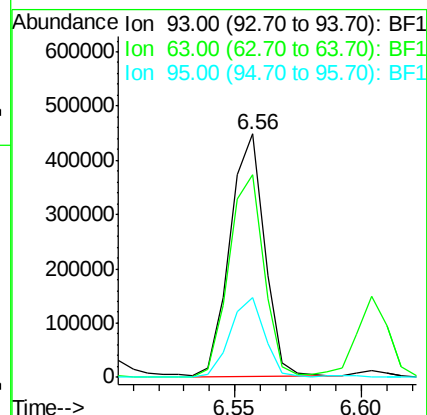
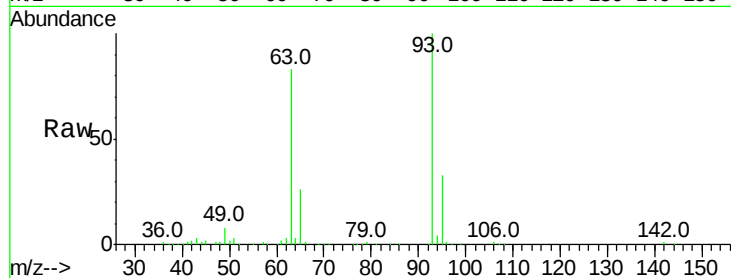




#11
bis(2-Chloroethyl)ether
Concen: 36.639 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

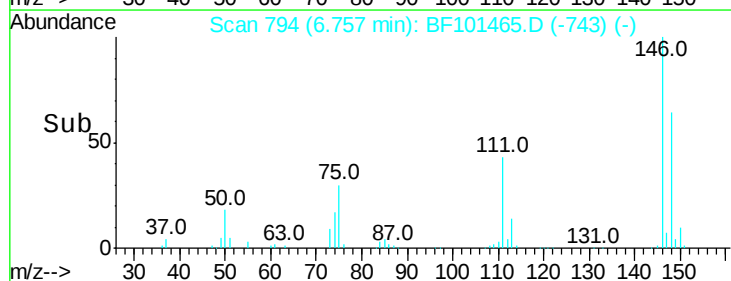
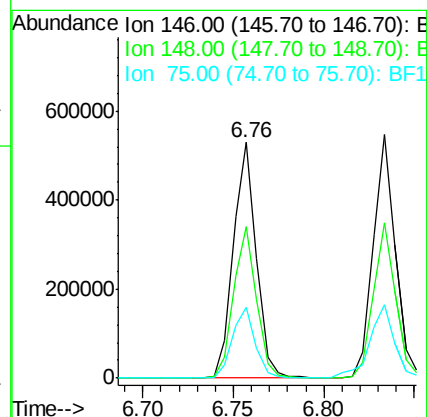
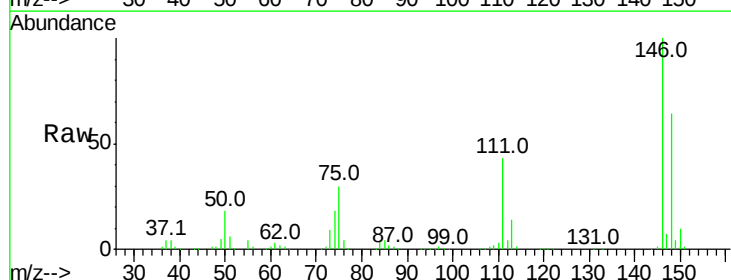
Instrument :
BNA_F
ClientSampleId :

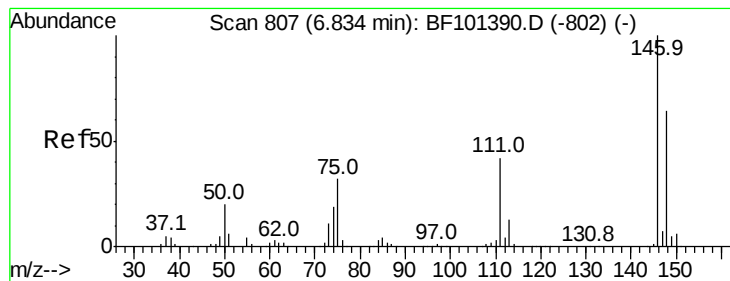
Tot Ion: 93 Resp: 421498
Ion Ratio Lower Upper
93 100
63 83.4 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.897 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion: 146 Resp: 465191
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 30.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.755 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

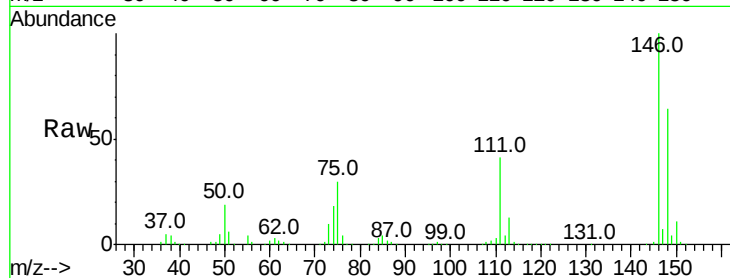
Tot Ion:146 Resp: 473267

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

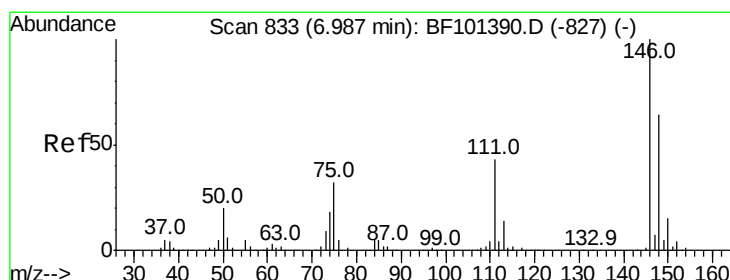
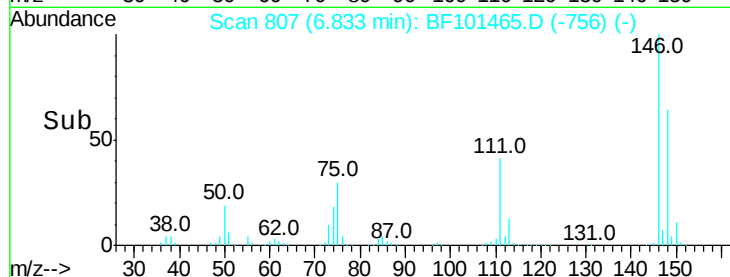
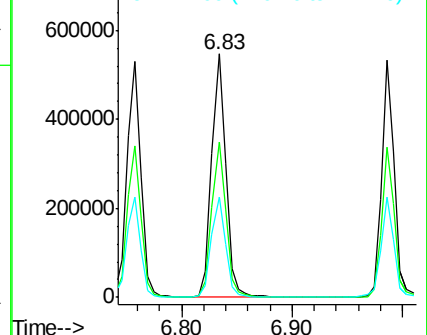
111 41.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.686 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

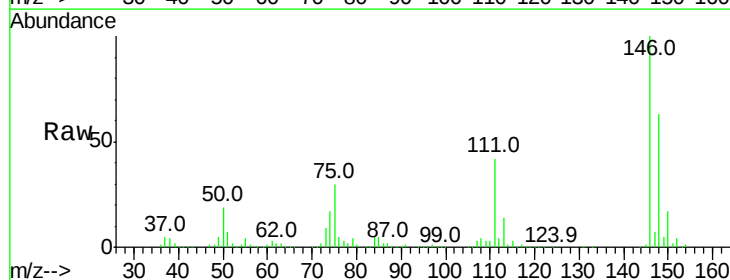
Tgt Ion:146 Resp: 425218

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

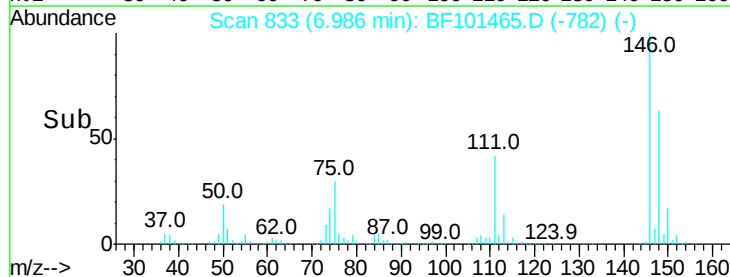
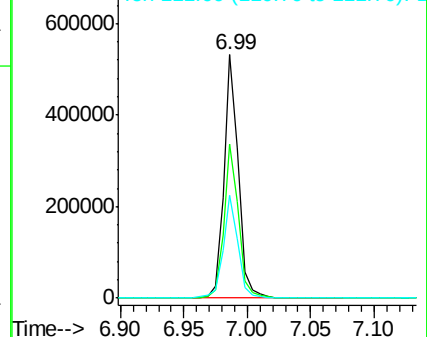
111 42.5 36.0 54.0

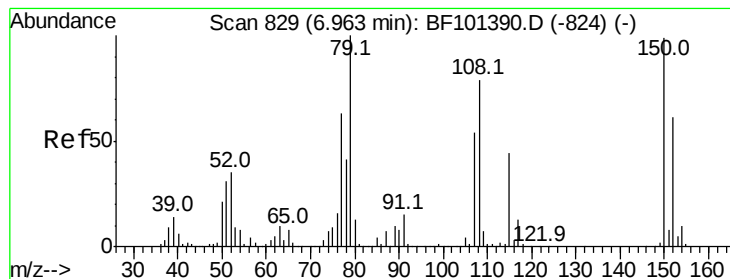


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.857 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampled :

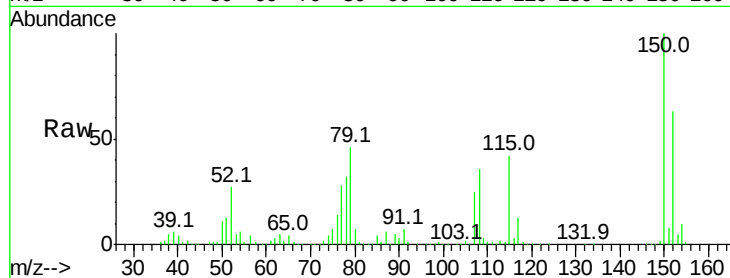
Tot Ion: 79 Resp: 308722

Ion Ratio Lower Upper

79 100

108 79.4 65.1 97.7

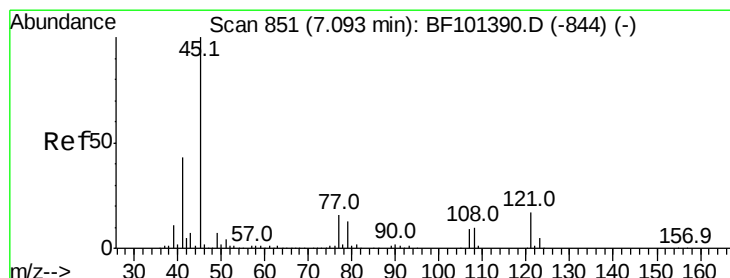
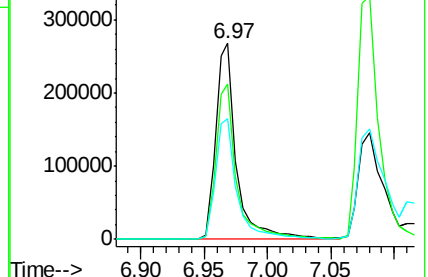
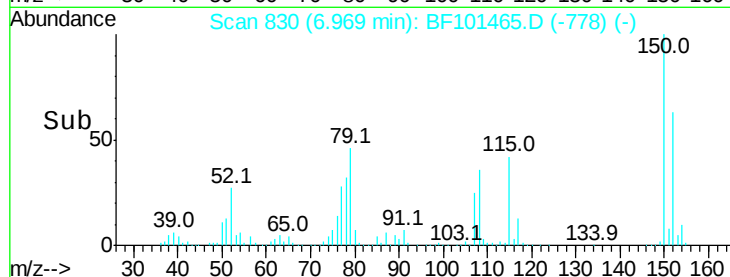
77 61.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.958 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

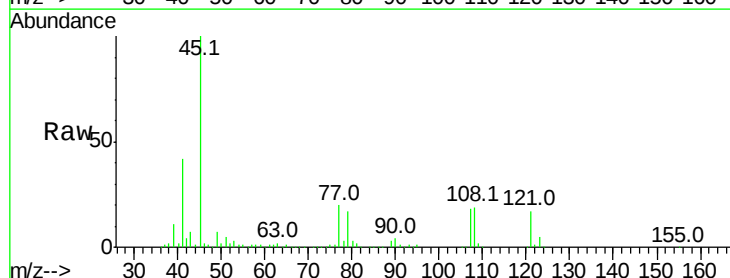
Tgt Ion: 45 Resp: 633089

Ion Ratio Lower Upper

45 100

77 19.5 0.0 32.9

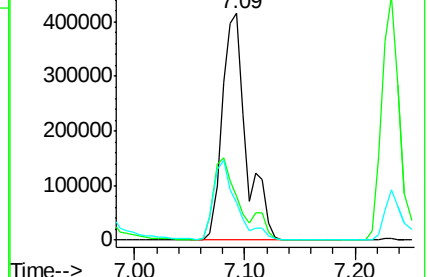
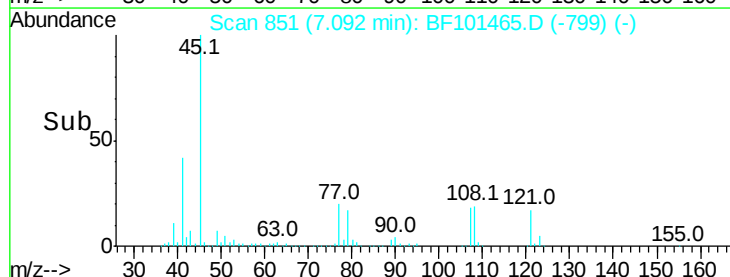
79 16.7 0.0 29.6

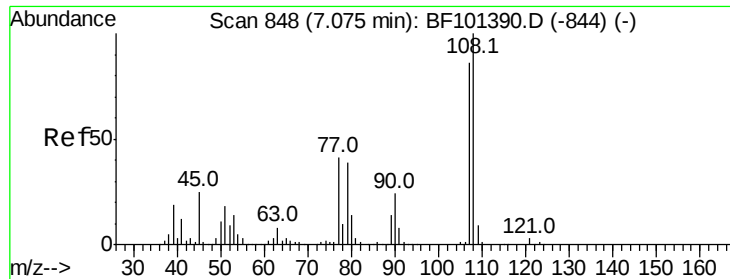


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

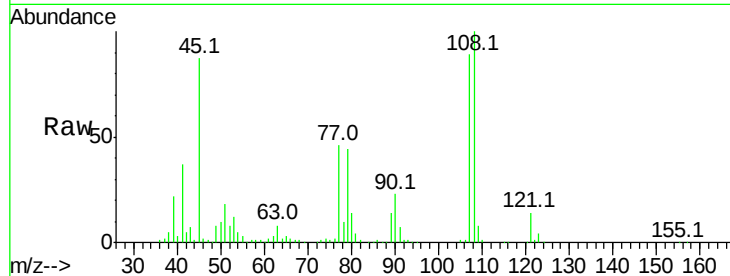




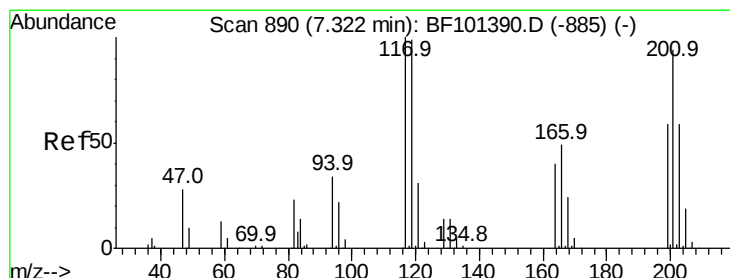
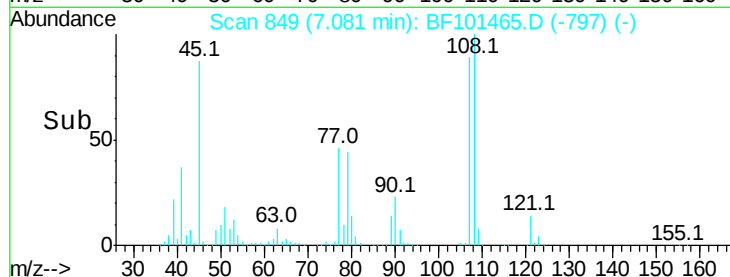
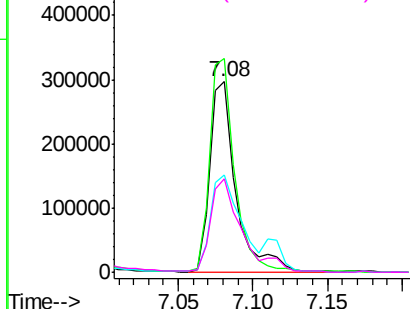
#17
2-Methylphenol
Concen: 35.845 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 358610
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 51.2 33.8 50.8#
79 49.2 33.8 50.8

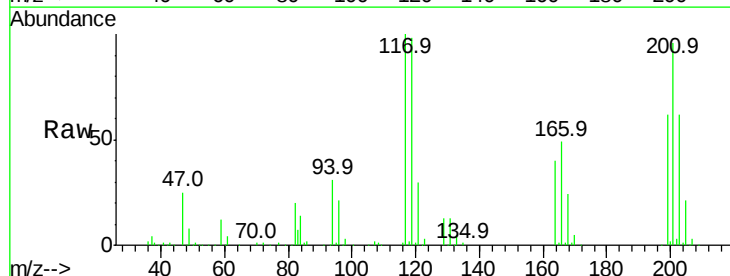


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

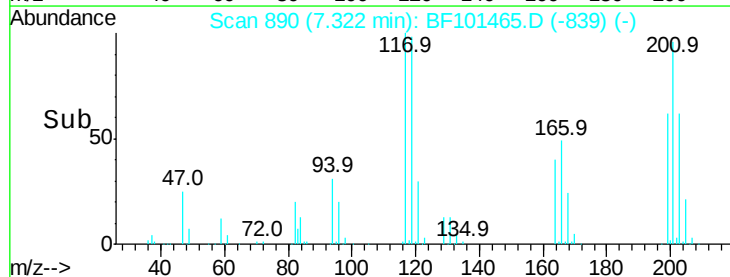
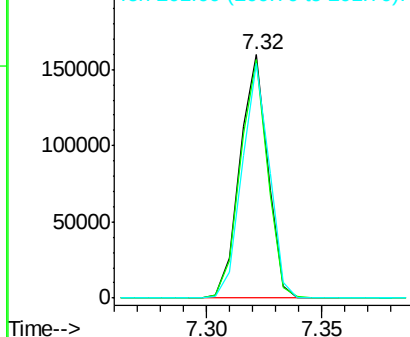


#18
Hexachloroethane
Concen: 30.788 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion:117 Resp: 134179
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
201 96.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.990 ng

RT: 7.23 min Scan# 875

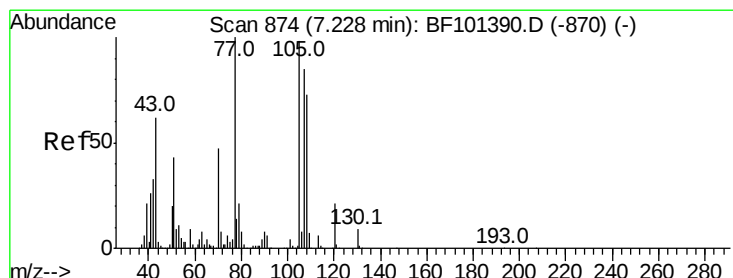
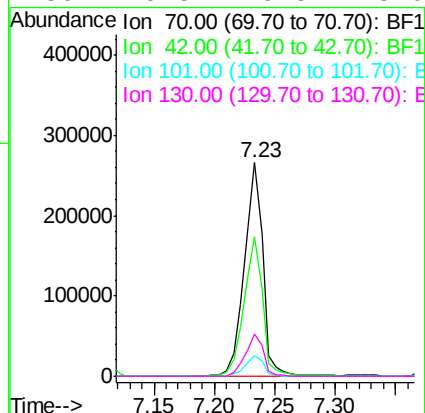
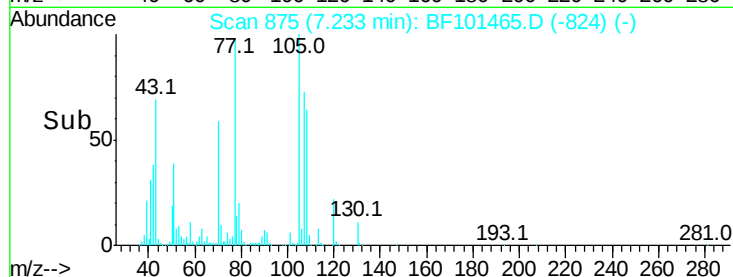
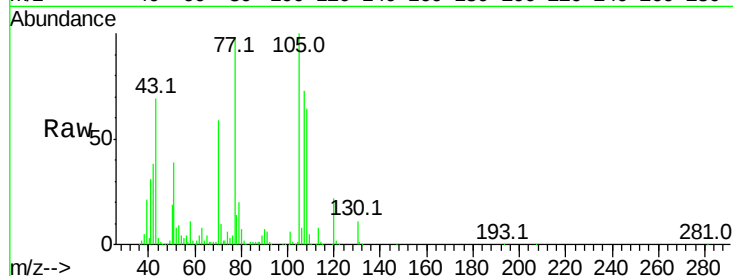
Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	287228
Ion	Ratio	Lower	Upper
70	100		
42	65.6	47.5	71.3
101	9.7	7.4	11.2
130	19.5	16.6	25.0



#20

3+4-Methylphenols

Concen: 38.424 ng

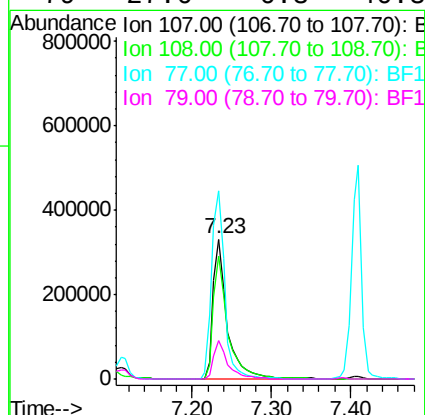
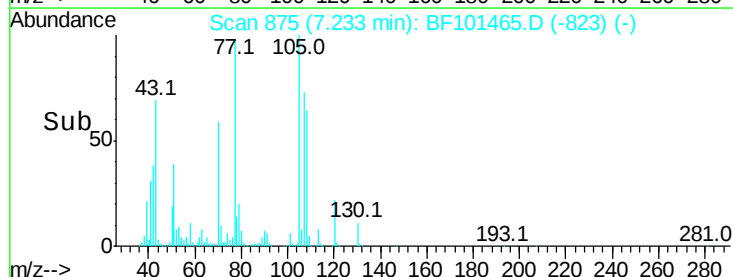
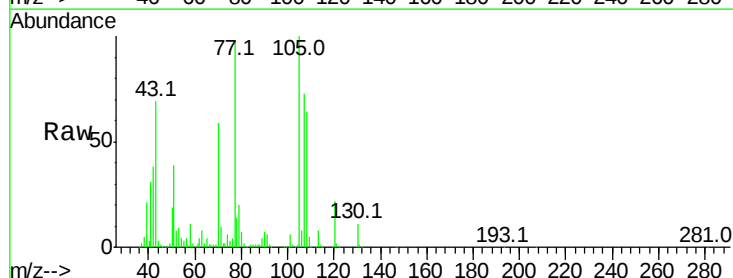
RT: 7.23 min Scan# 875

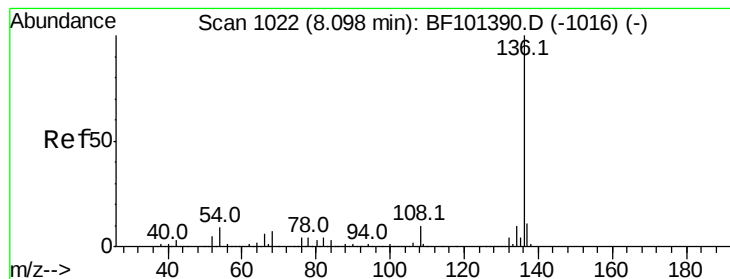
Delta R.T. 0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Tgt Ion:	107	Resp:	407352
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	134.4	26.7	66.7#
79	27.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 606732

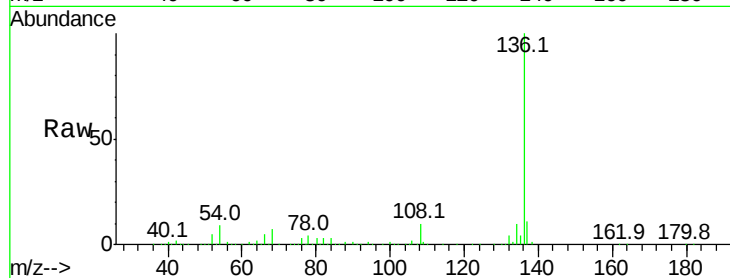
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.2 6.6 9.8

68 6.7 5.0 7.4

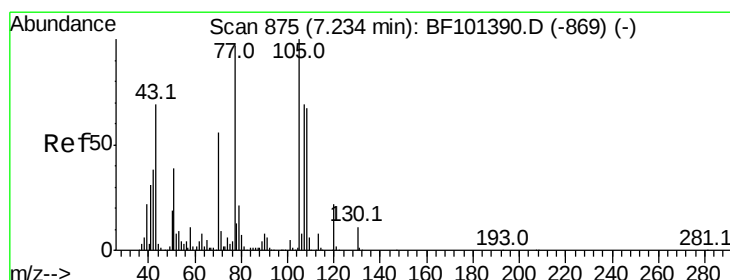
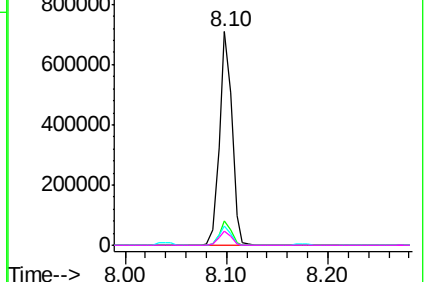
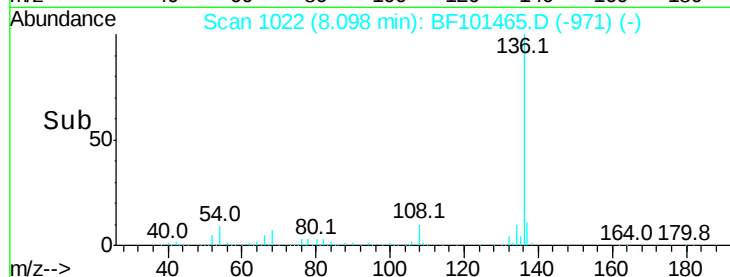


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.422 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Tgt Ion:105 Resp: 518073

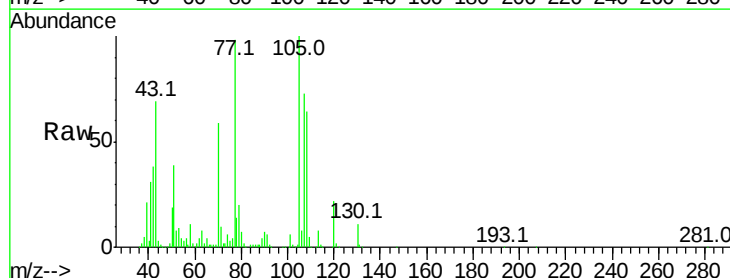
Ion Ratio Lower Upper

105 100

71 10.0 4.4 6.6#

51 39.3 22.3 33.5#

120 21.7 16.9 25.3

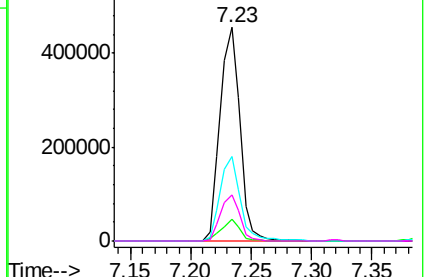
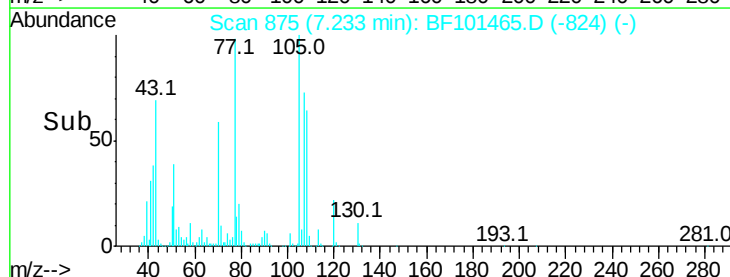


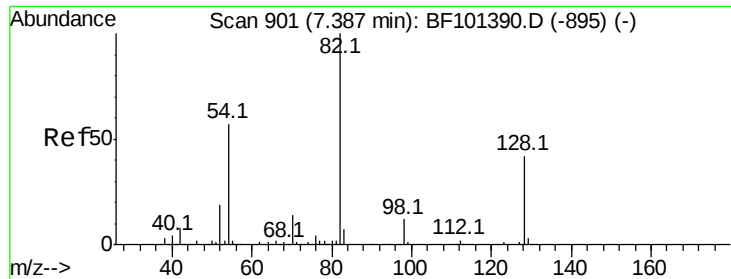
Abundance Ion 105.00 (104.70 to 105.70): E

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

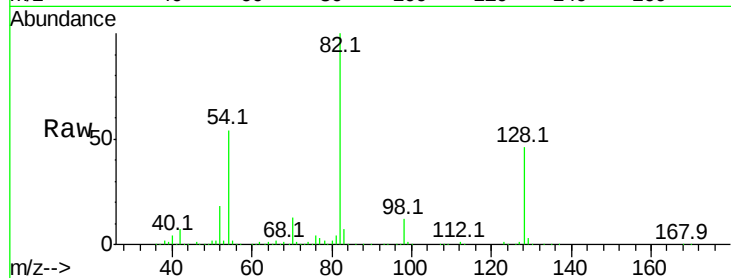




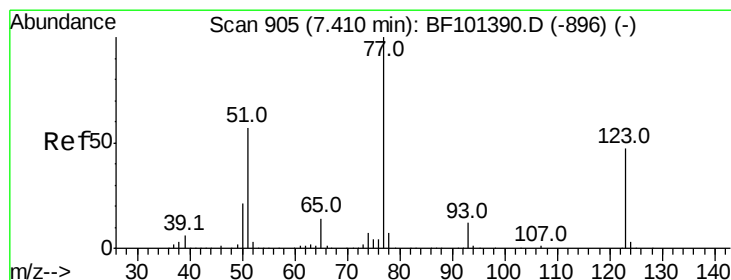
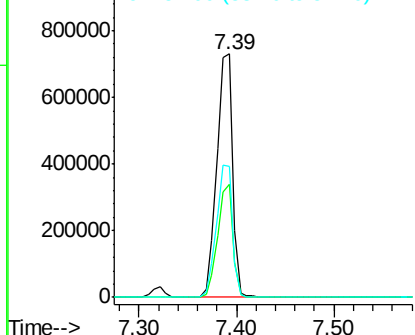
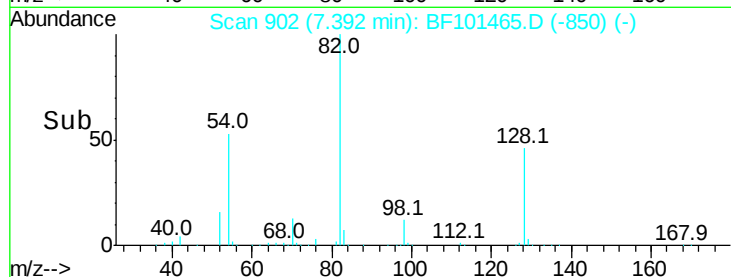
#23
Nitrobenzene-d5
Concen: 75.458 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	822458
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	53.7	41.4	62.2

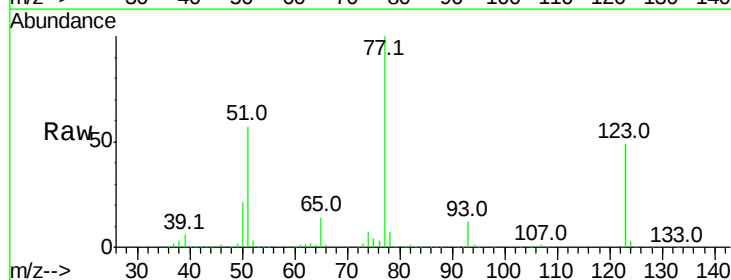


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

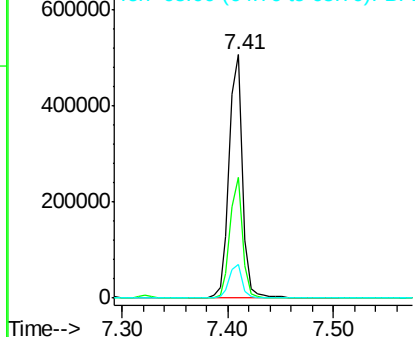
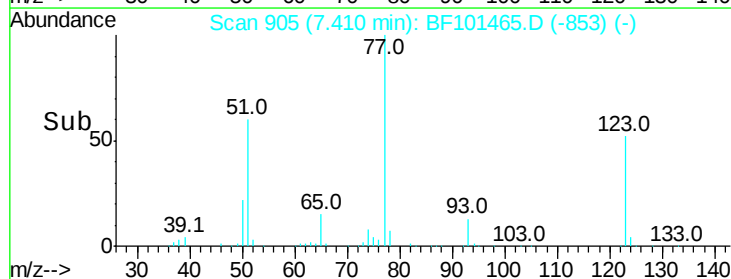


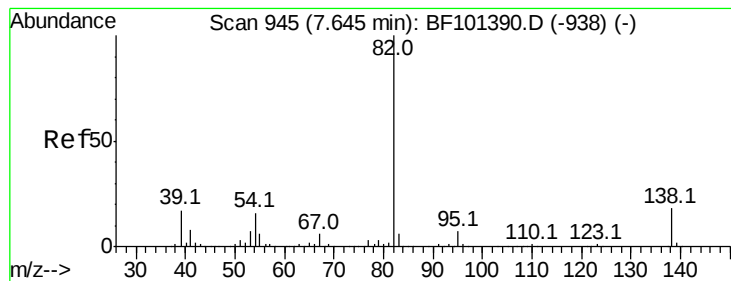
#24
Nitrobenzene
Concen: 36.489 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion	77	Resp	440173
Ion Ratio	Lower	Upper	
77	100		
123	49.4	37.9	56.9
65	14.0	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: 35.751 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

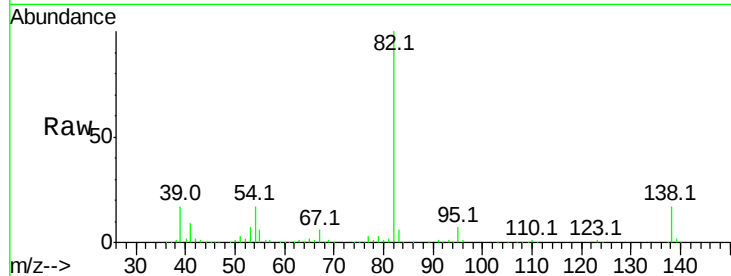
Tot Ion: 82 Resp: 781693

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

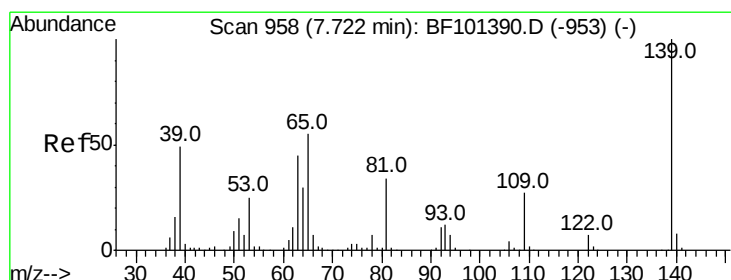
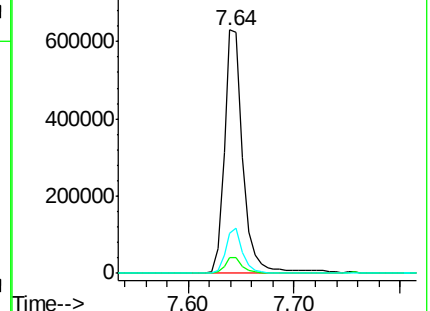
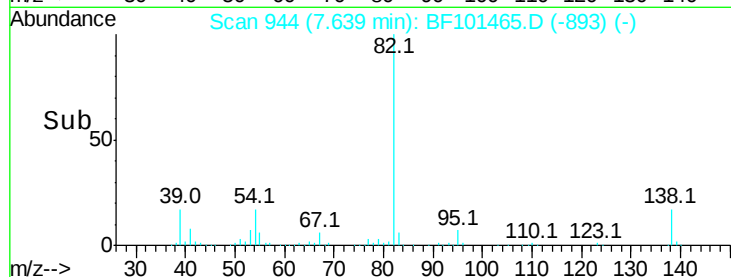
138 16.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 33.757 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

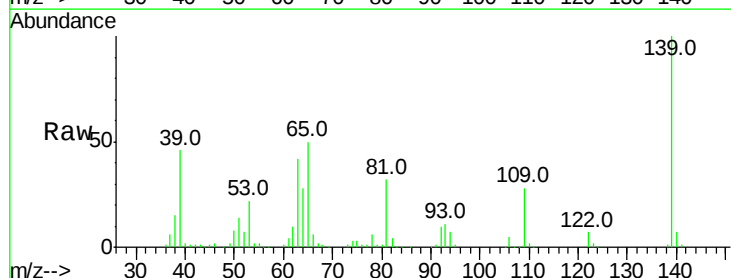
Tgt Ion: 139 Resp: 174945

Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

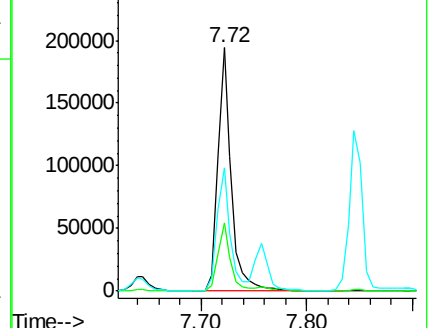
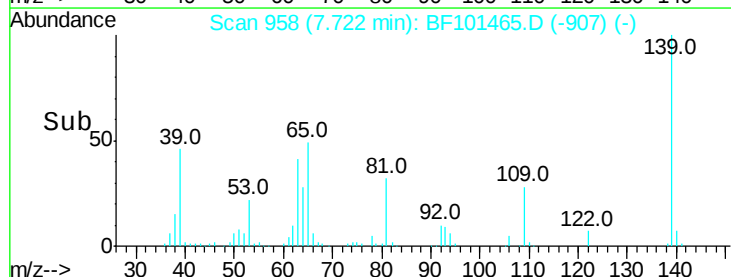
65 50.5 40.5 60.7

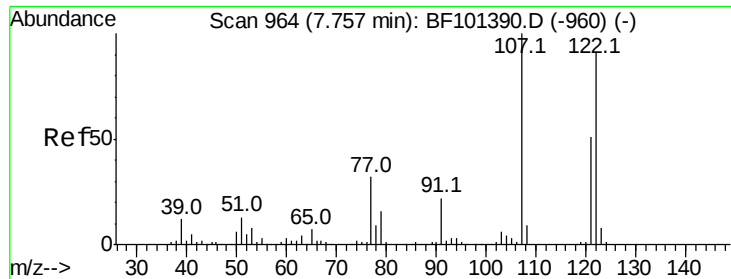


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

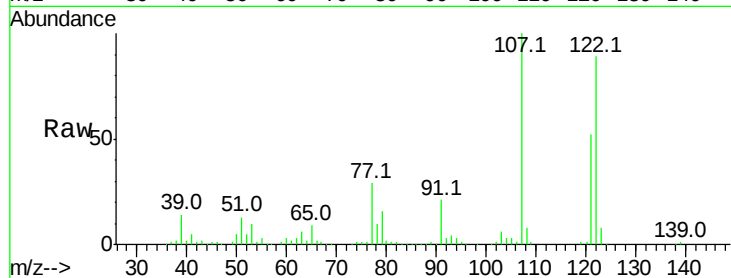




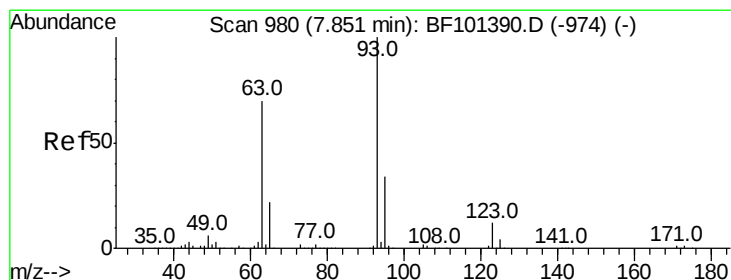
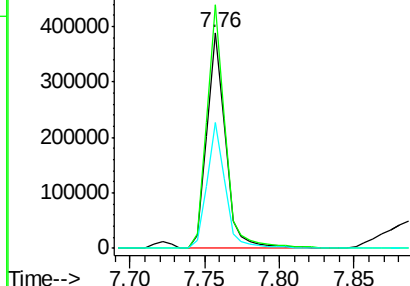
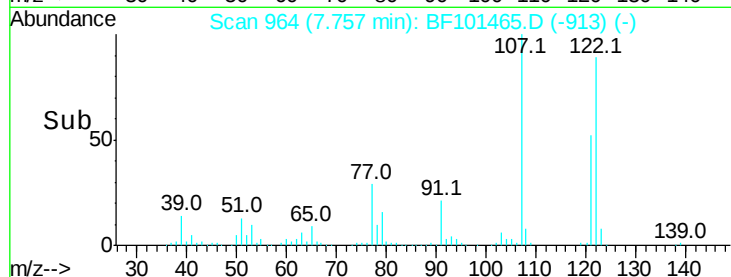
#27
 2,4-Dimethylphenol
 Concen: 37.478 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 329968
 Ion Ratio Lower Upper
 122 100
 107 112.7 91.2 136.8
 121 58.2 47.2 70.8

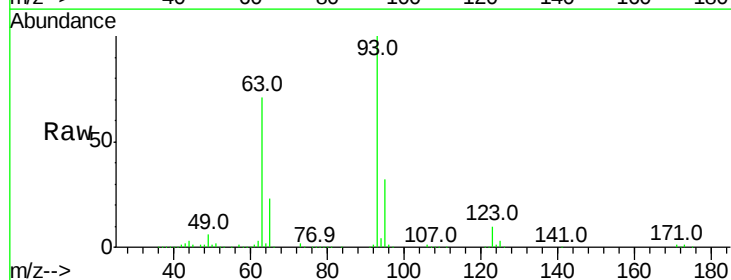


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

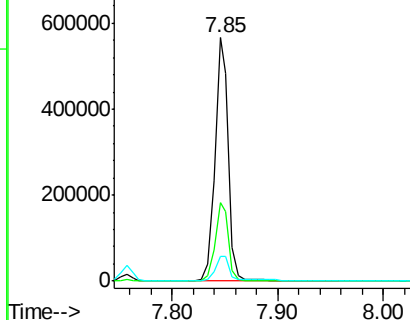
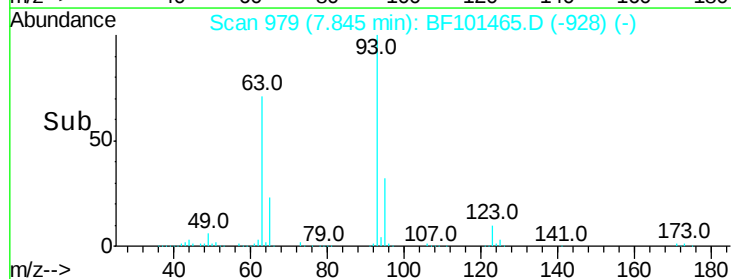


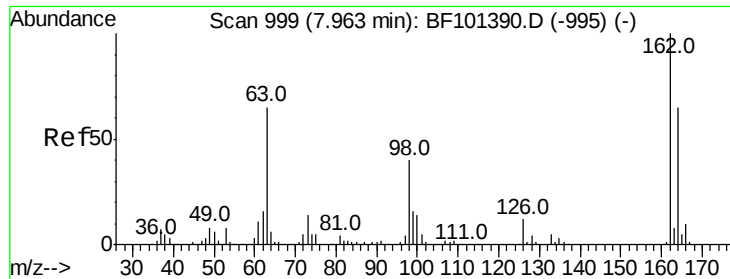
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.623 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion: 93 Resp: 508671
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 10.3 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

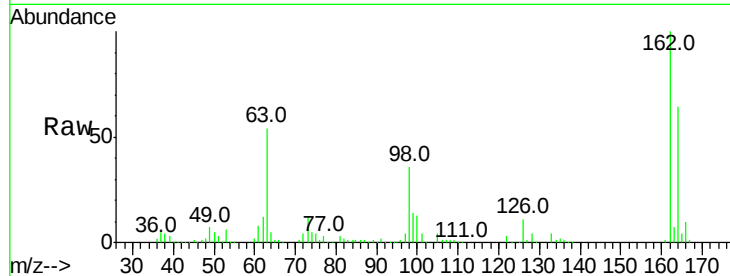




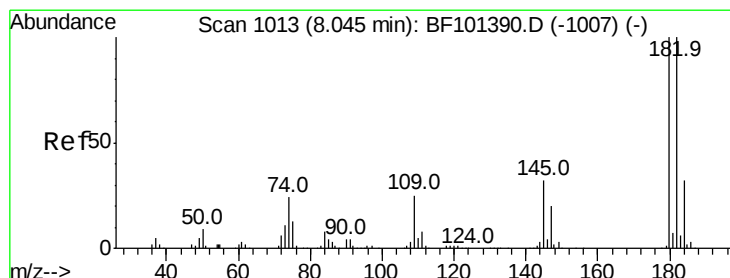
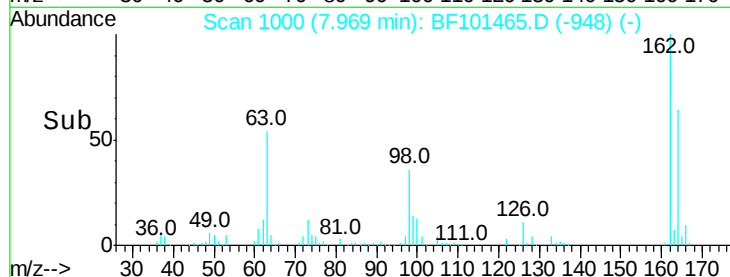
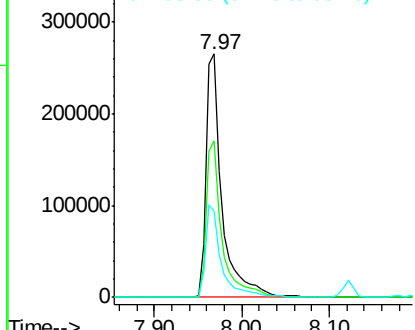
#29
2,4-Dichlorophenol
Concen: 38.780 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 337318
Ion Ratio Lower Upper
162 100
164 64.1 42.7 82.7
98 35.6 18.1 58.1

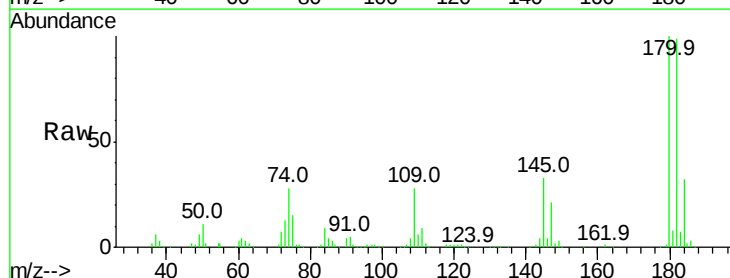


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

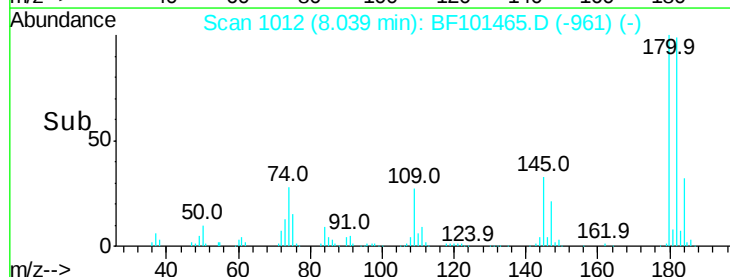
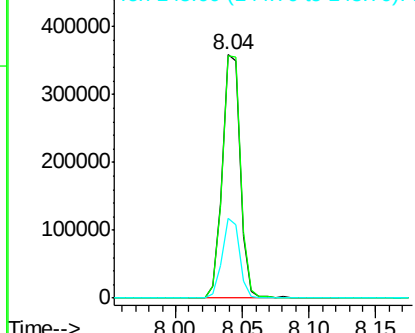


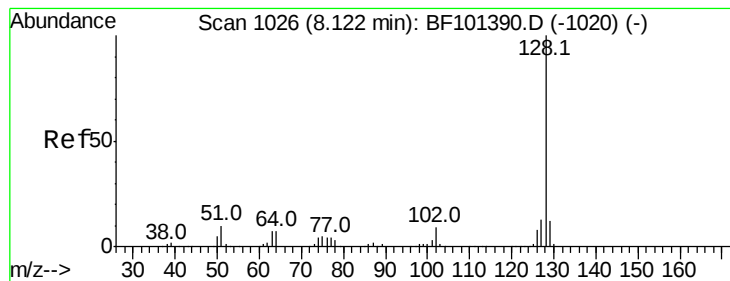
#30
1,2,4-Trichlorobenzene
Concen: 37.664 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion:180 Resp: 345728
Ion Ratio Lower Upper
180 100
182 99.4 76.8 115.2
145 32.9 26.5 39.7



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





#31

Naphthalene

Concen: 36.273 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

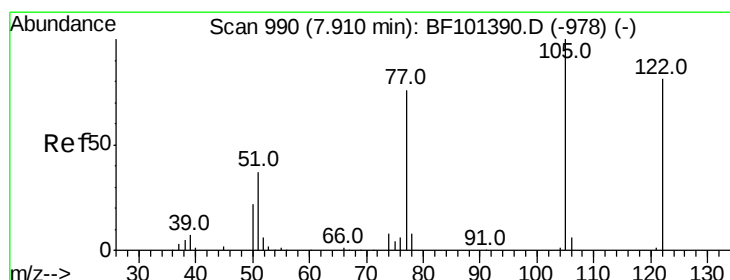
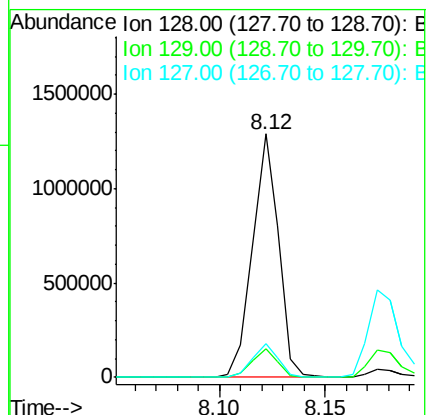
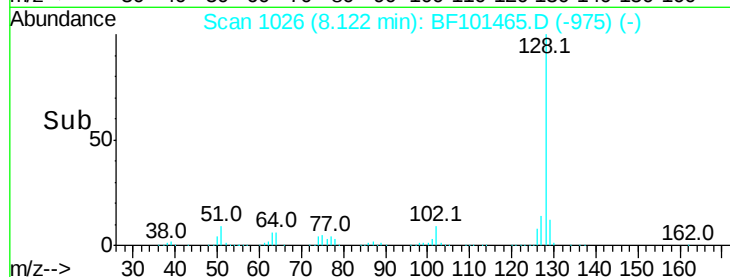
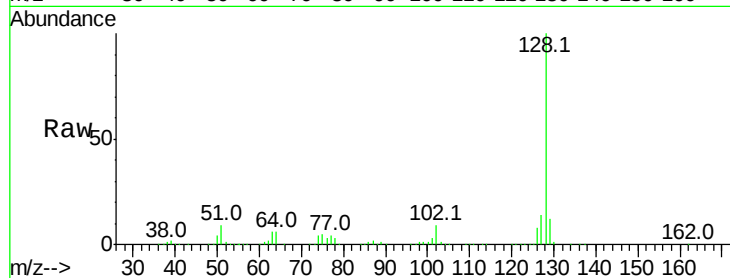
Tot Ion:128 Resp: 1107950

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 24.454 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

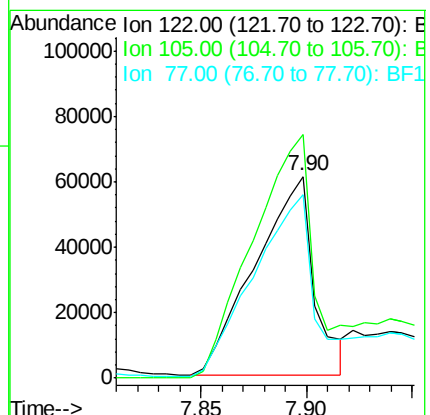
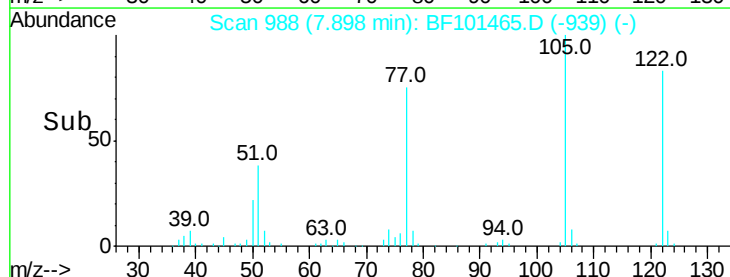
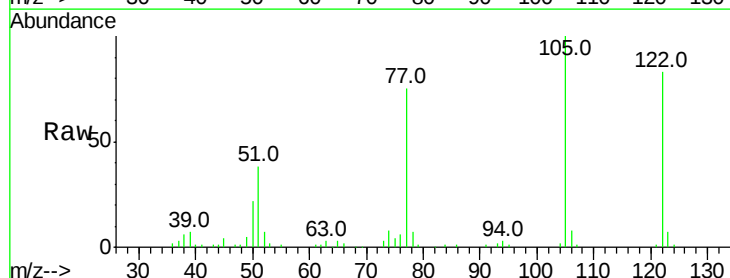
Tgt Ion:122 Resp: 117300

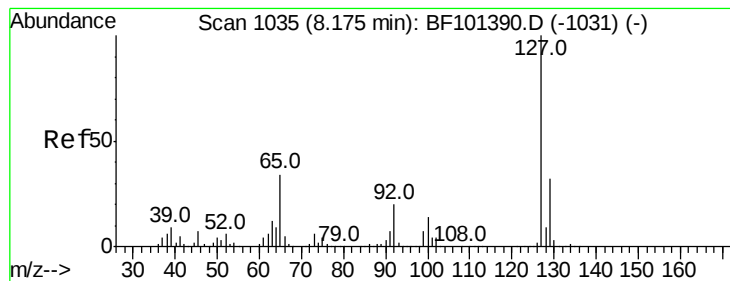
Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

77 90.7 70.7 110.7





#33

4-Chloroaniline

Concen: 37.641 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 499721

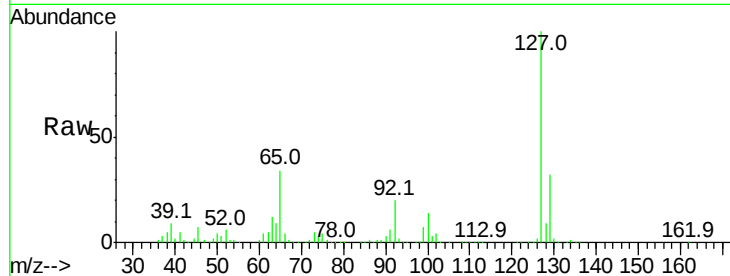
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 33.8 25.0 37.4

92 19.8 15.2 22.8

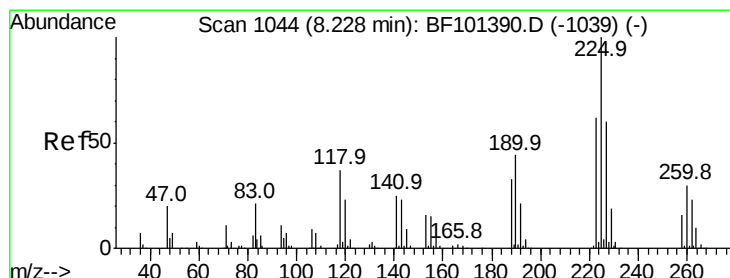
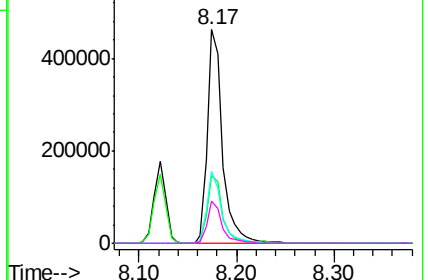
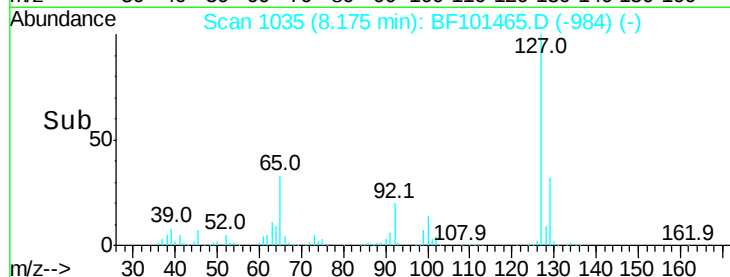


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.563 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

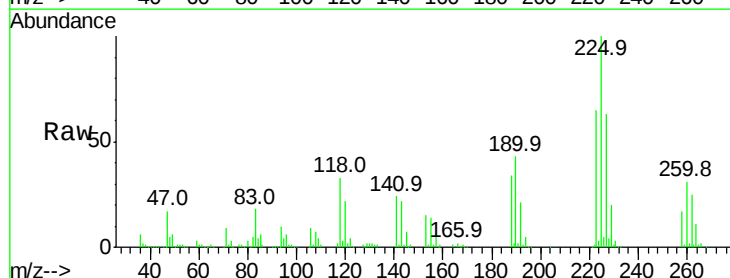
Tgt Ion:225 Resp: 204734

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

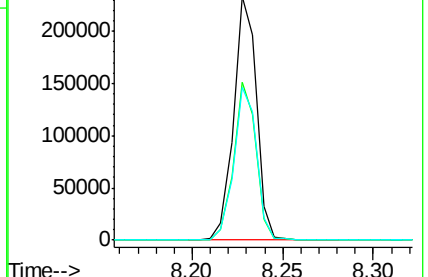
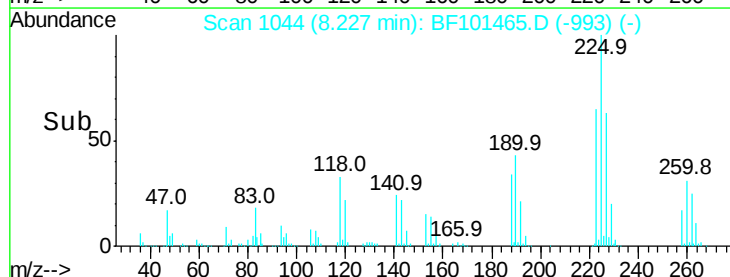
227 62.6 51.9 77.9

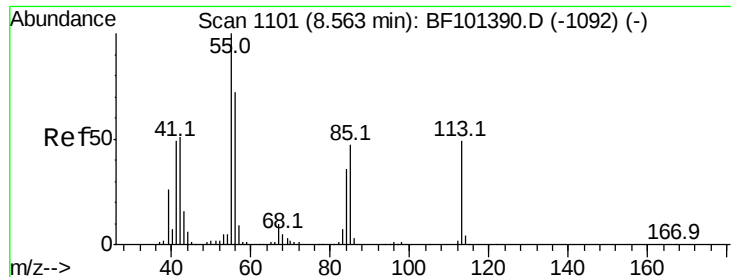


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.570 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

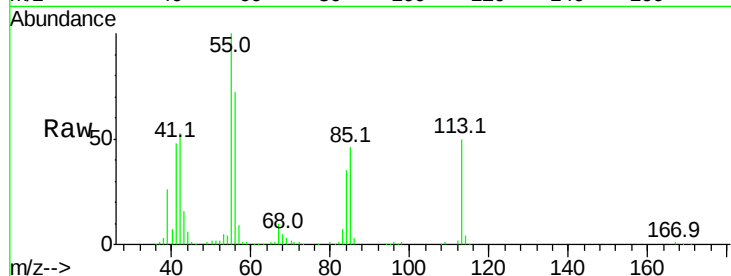
Tot Ion:113 Resp: 107434

Ion Ratio Lower Upper

113 100

55 199.5 163.3 203.3

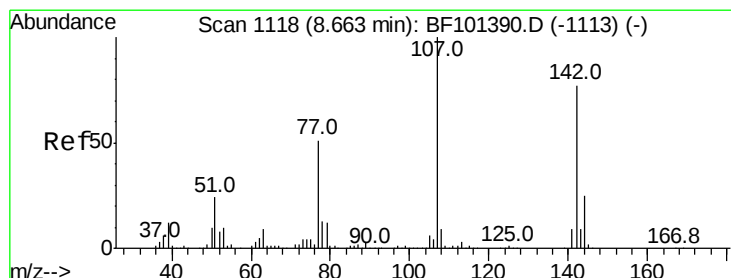
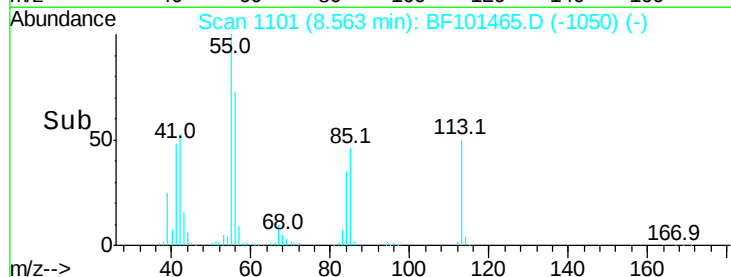
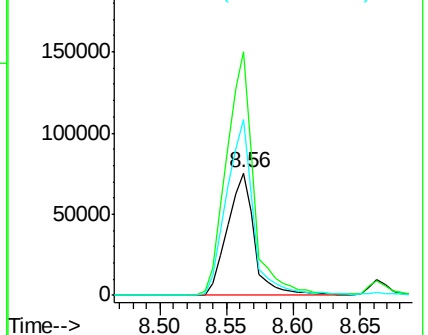
56 144.5 115.7 155.7



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: 36.198 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

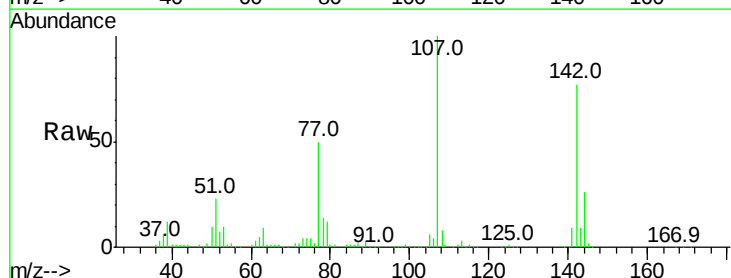
Tgt Ion:107 Resp: 346071

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

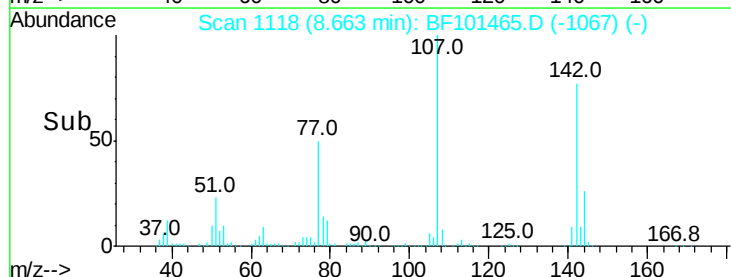
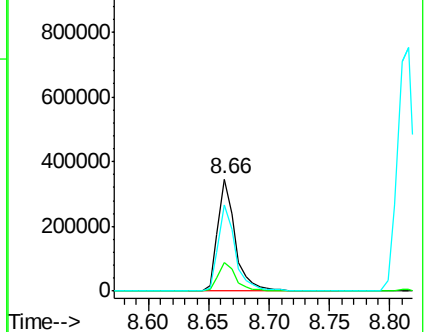
142 77.1 62.0 93.0

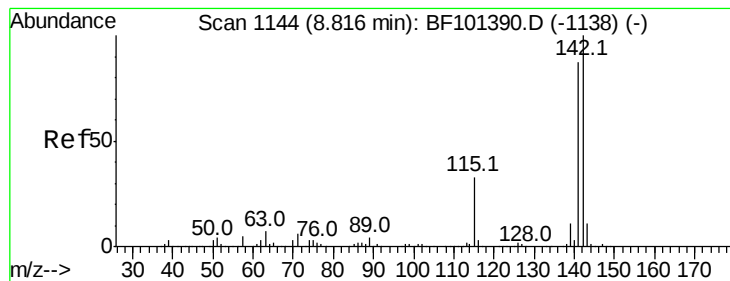


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

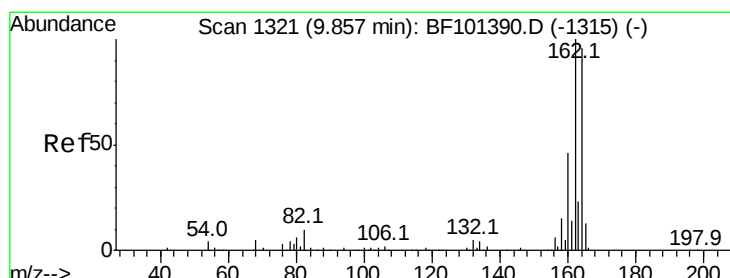
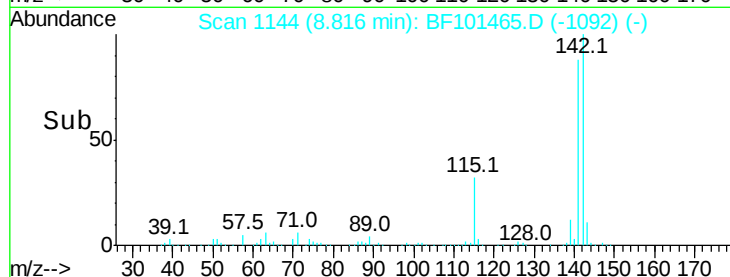
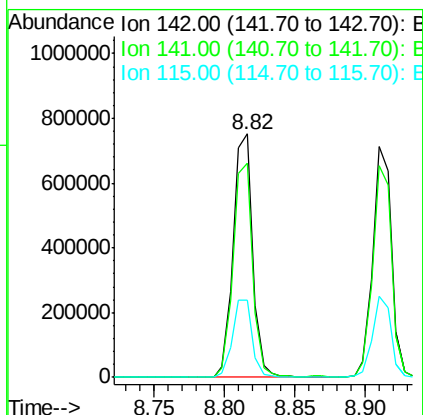
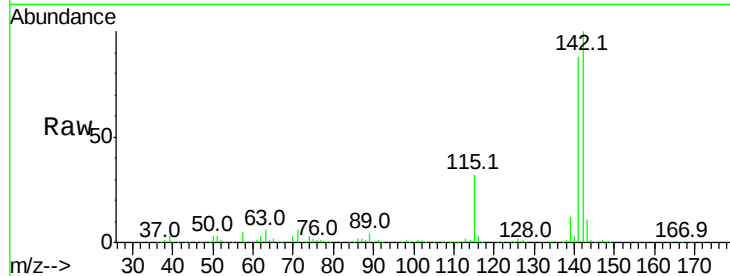




#37
 2-Methylnaphthalene
 Concen: 36.330 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

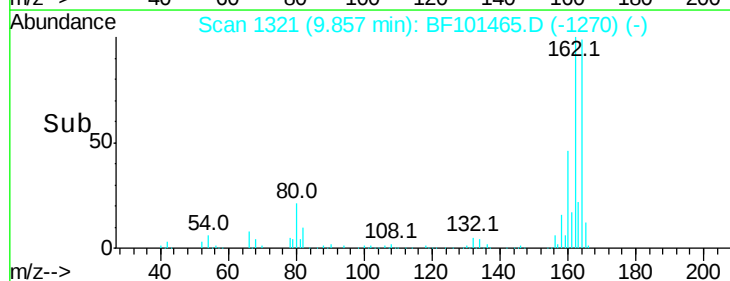
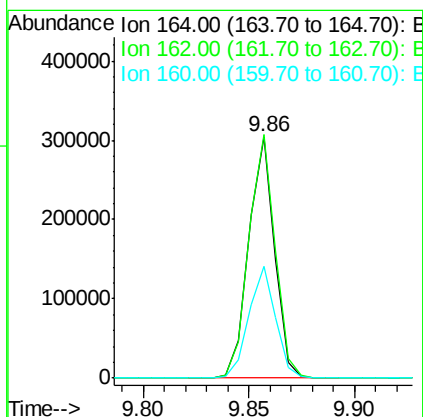
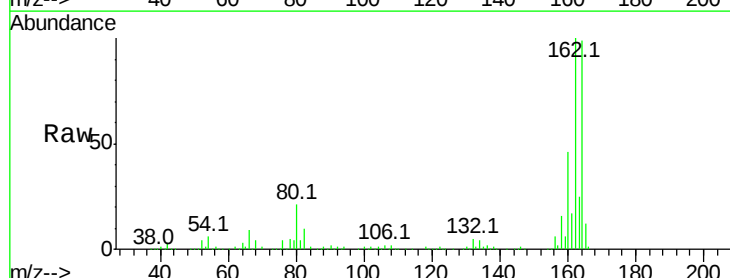
Instrument :
 BNA_F
 ClientSampleId :

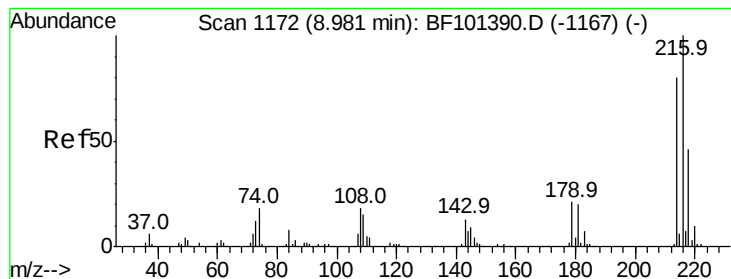
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	31.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	46.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.458 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 344248

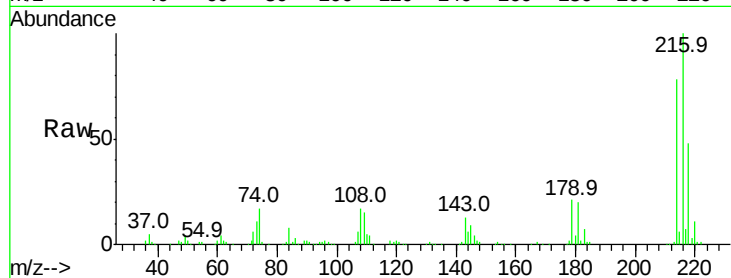
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.4 18.1 27.1

108 17.1 17.2 25.8#

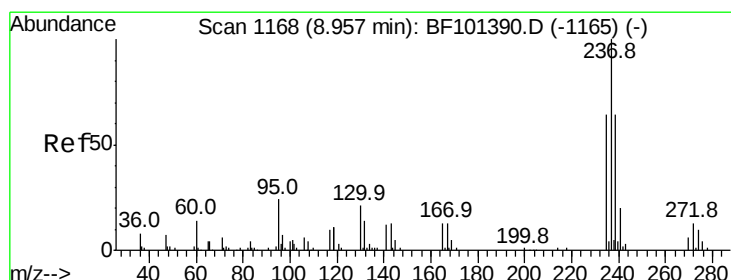
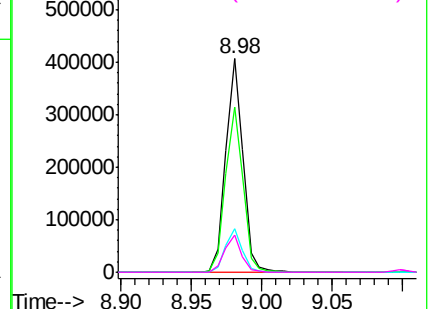
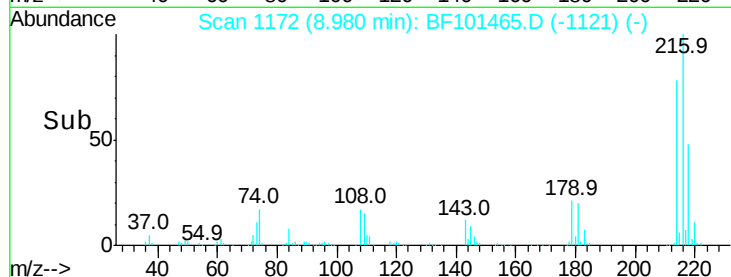


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.333 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

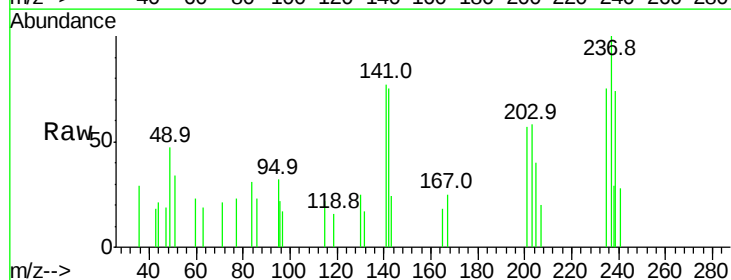
Tgt Ion:237 Resp: 1291

Ion Ratio Lower Upper

237 100

235 75.1 44.8 84.8

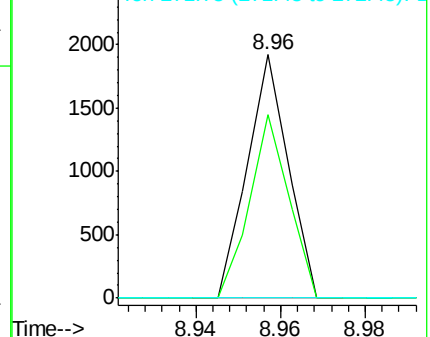
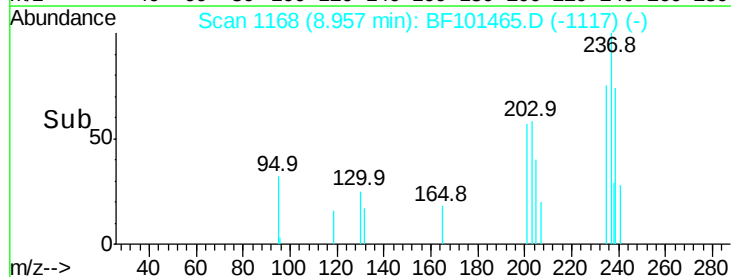
272 0.0 0.0 33.3

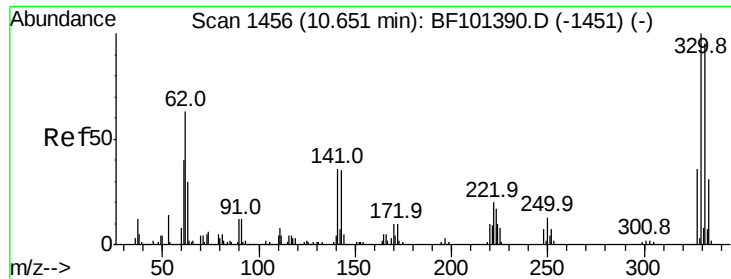


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

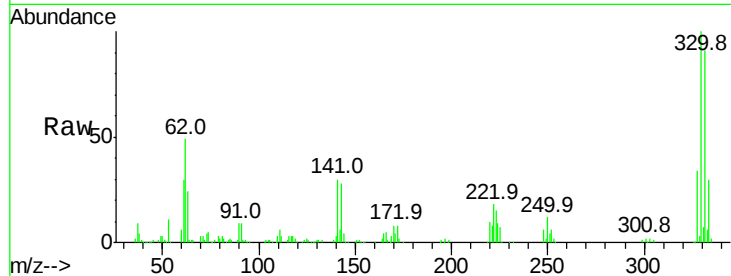




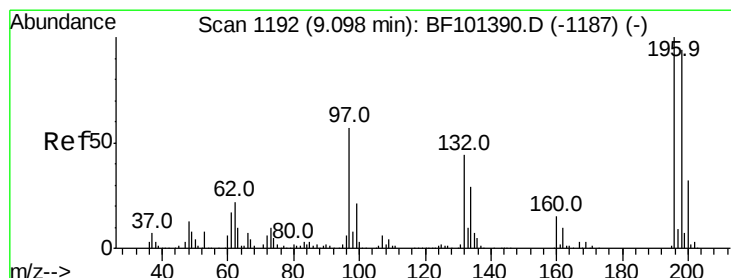
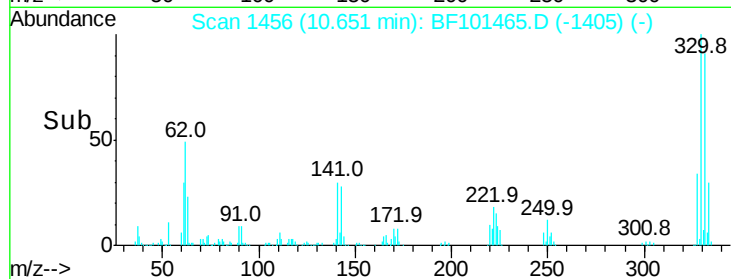
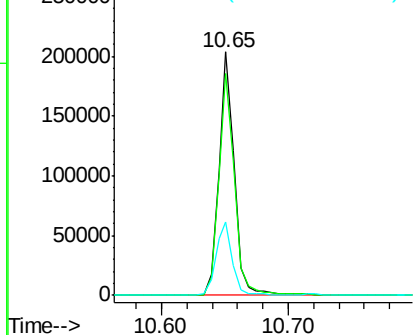
#41
 2,4,6-Tribromophenol
 Concen: 70.448 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 175408
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 31.9 29.9 44.9

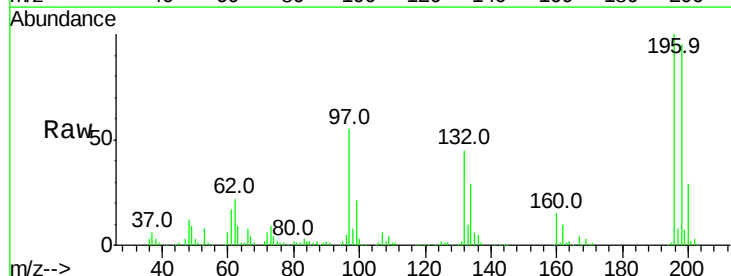


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

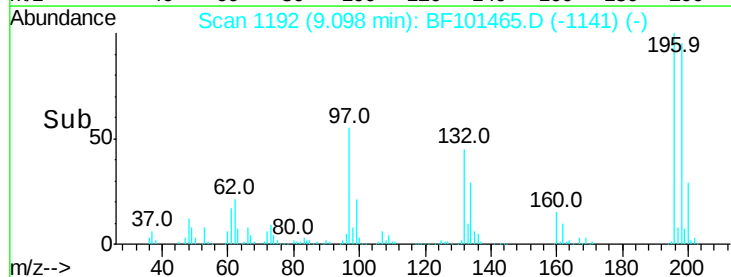
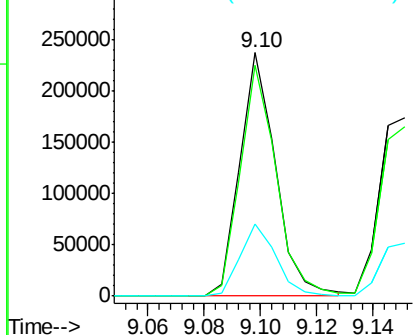


#42
 2,4,6-Trichlorophenol
 Concen: 39.616 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion:196 Resp: 208076
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 29.5 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

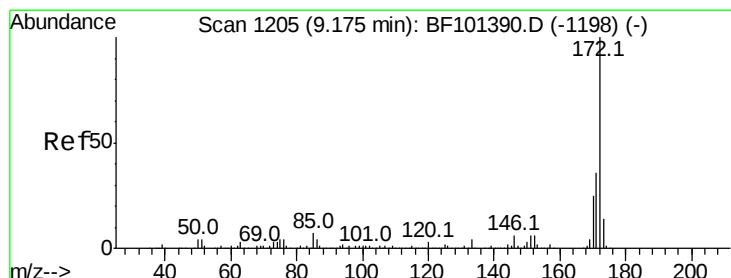
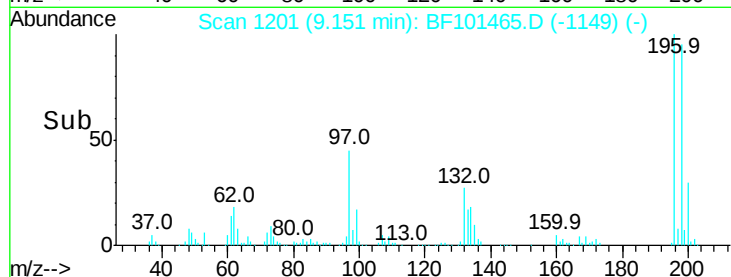
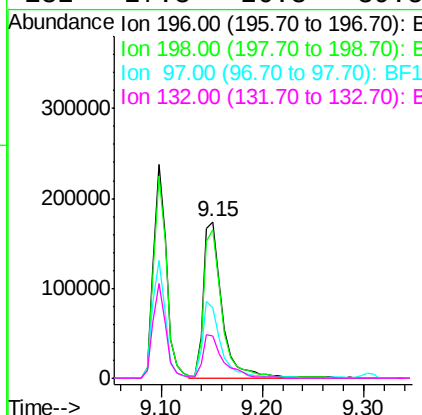
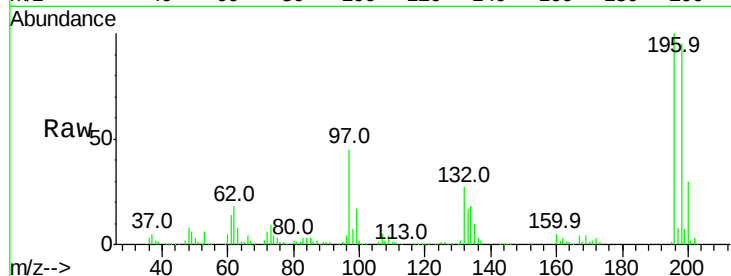




#43
 2,4,5-Trichlorophenol
 Concen: 38.665 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

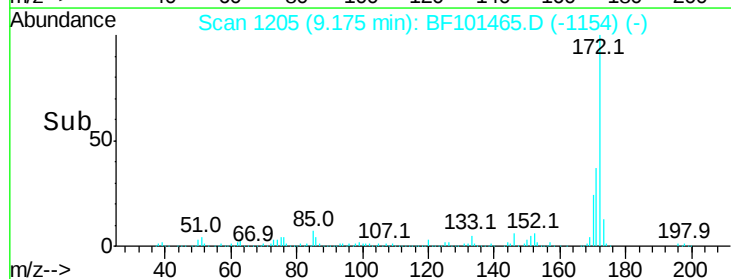
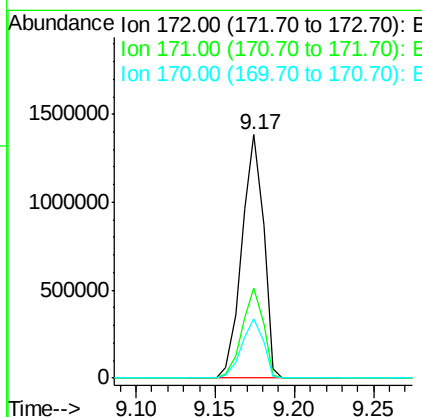
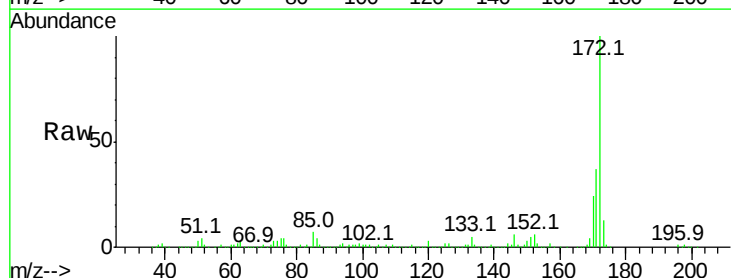
Instrument :
 BNA_F
 ClientSampleId :

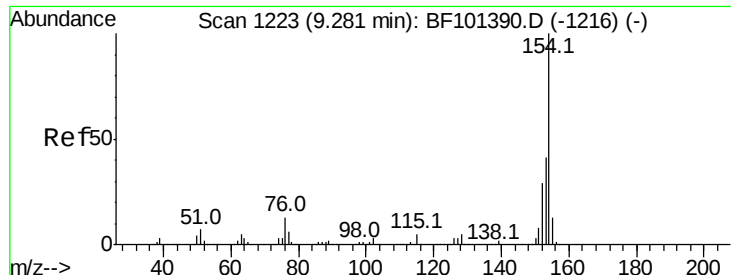
Tot Ion:	196	Resp:	222359
Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	45.3	42.9	64.3
132	27.3	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 78.762 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion:	172	Resp:	1312002
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4

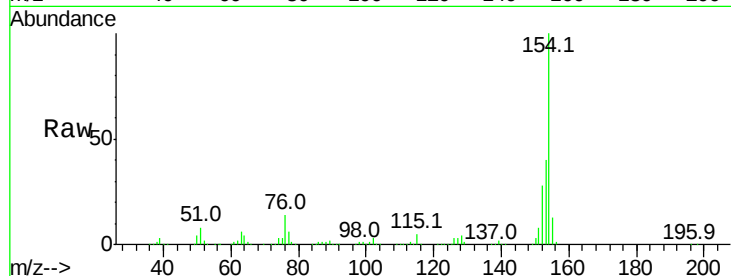




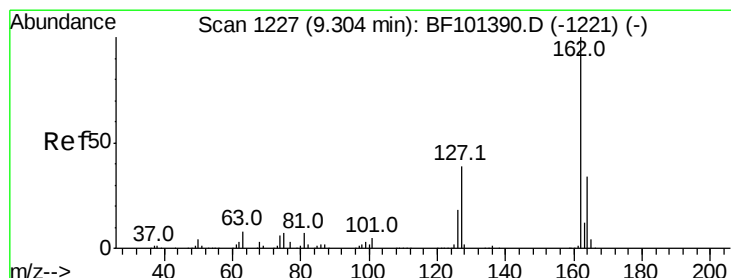
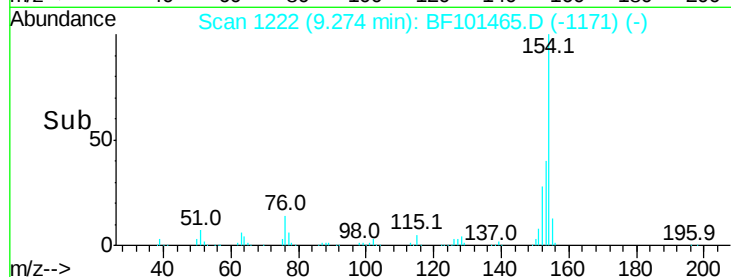
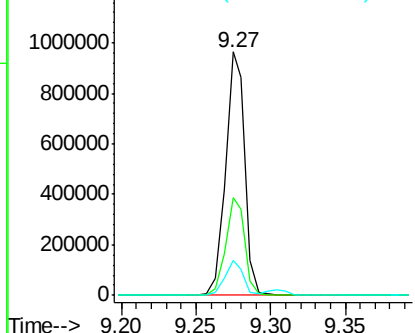
#45
 1,1'-Biphenyl
 Concen: 38.250 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	14.1	0.0	34.0

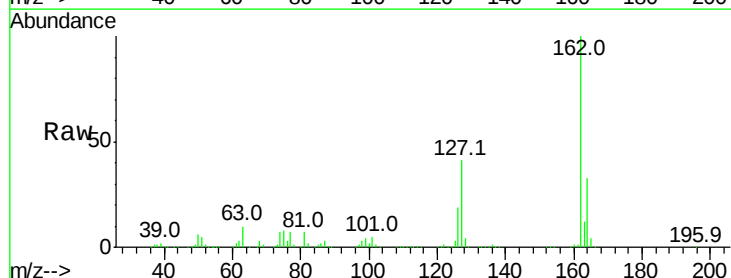


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

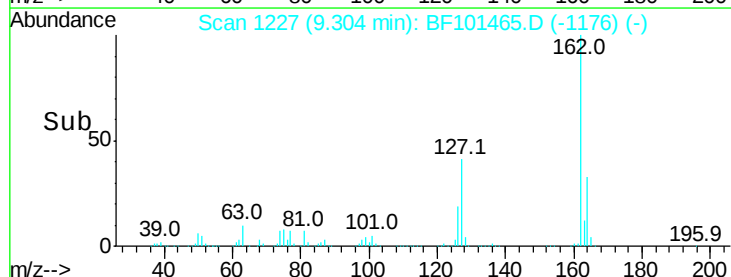
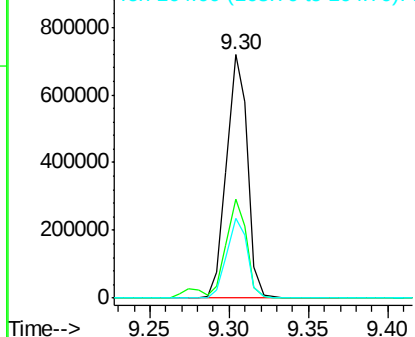


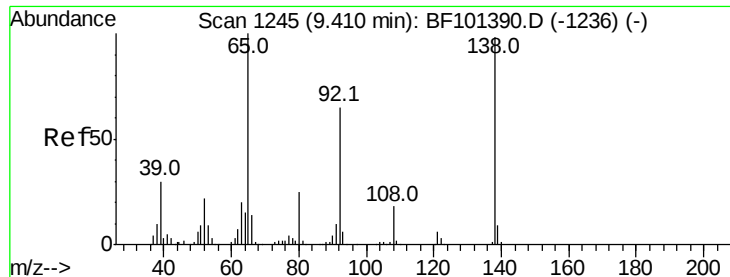
#46
 2-Chloronaphthalene
 Concen: 37.427 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	32.7	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.933 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

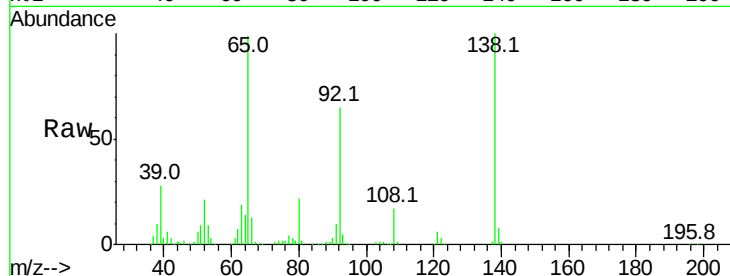
Tot Ion: 65 Resp: 241890

Ion Ratio Lower Upper

65 100

92 65.9 55.8 83.6

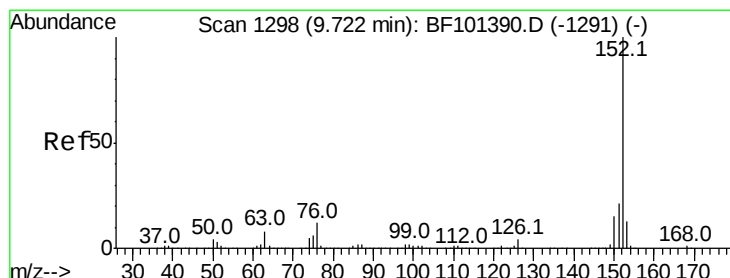
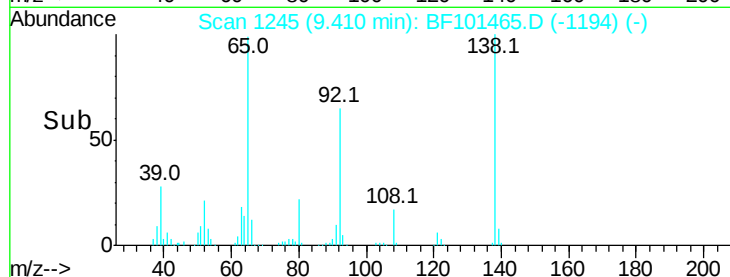
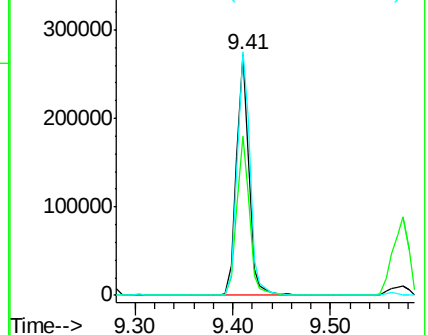
138 101.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 36.385 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

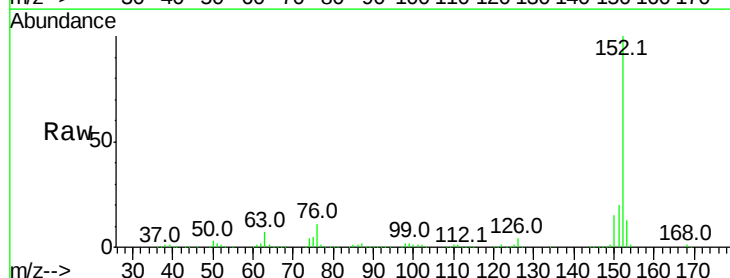
Tgt Ion: 152 Resp: 1007687

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

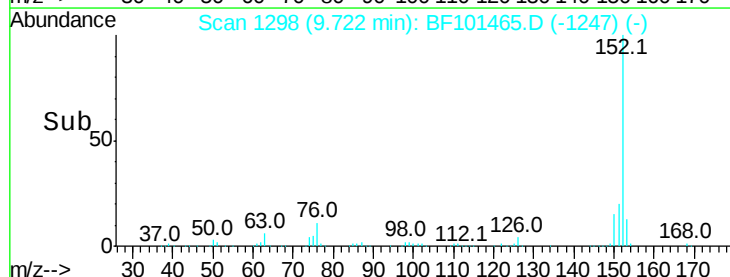
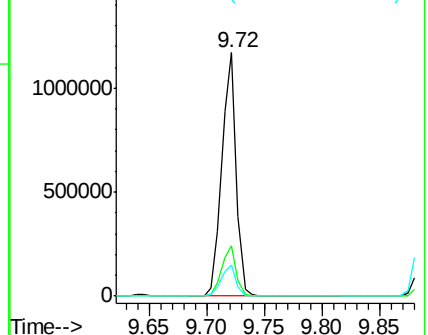
153 12.9 10.7 16.1

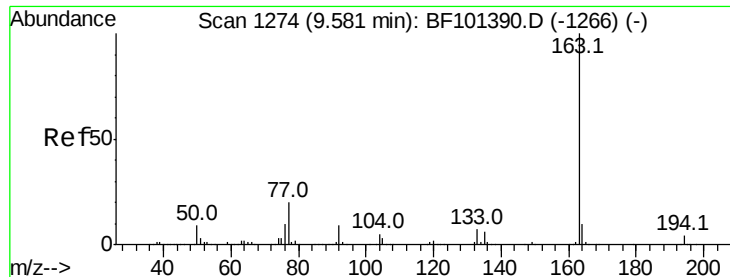


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

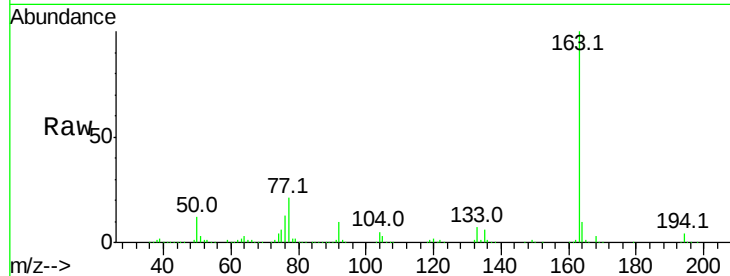




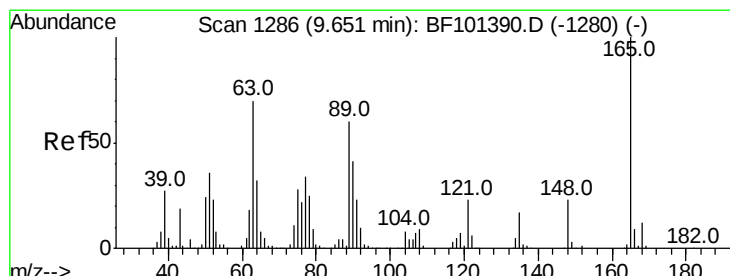
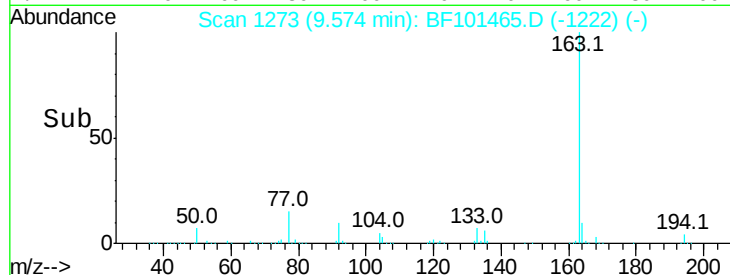
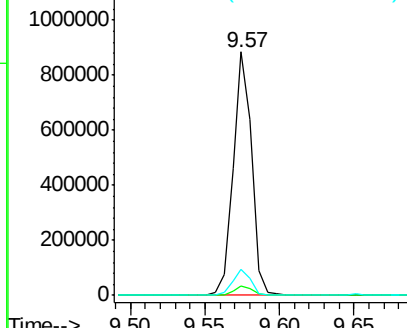
#49
Dimethylphthalate
Concen: 37.106 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

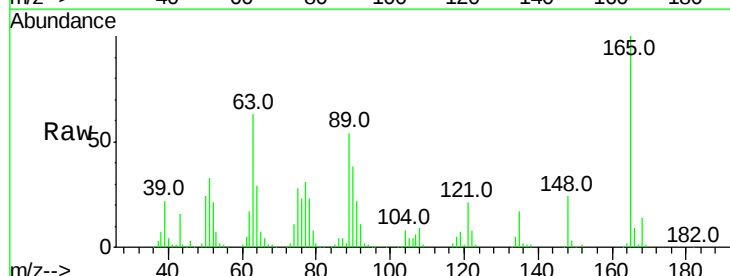


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

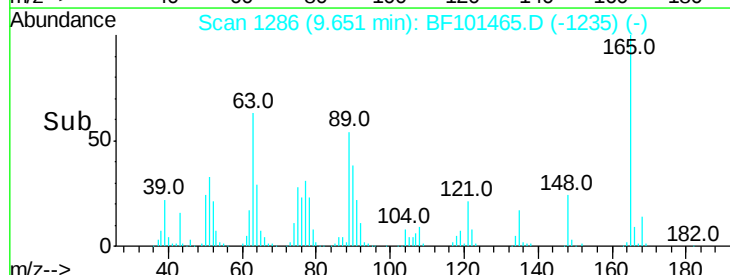
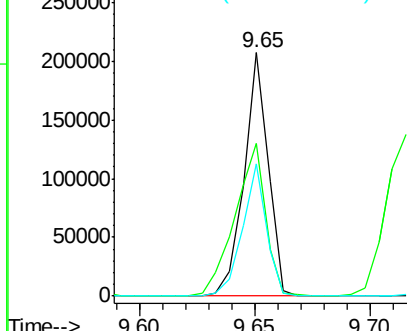


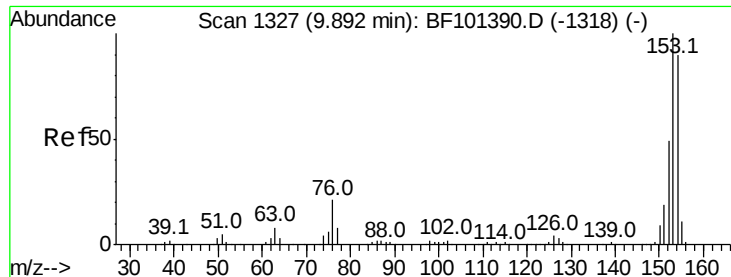
#50
2,6-Dinitrotoluene
Concen: 35.868 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.8	44.7	67.1
89	54.1	44.0	66.0



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

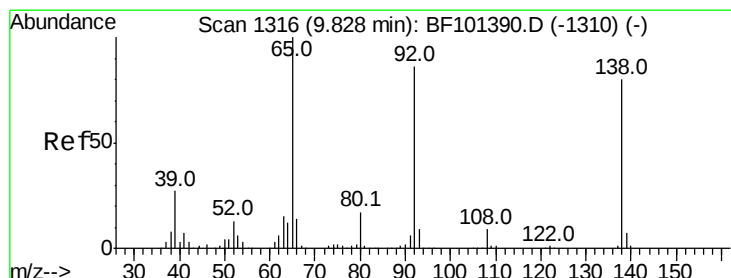
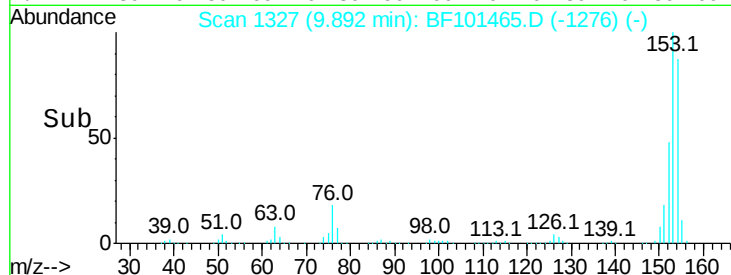
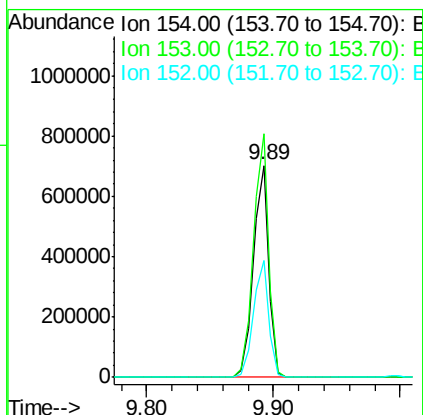
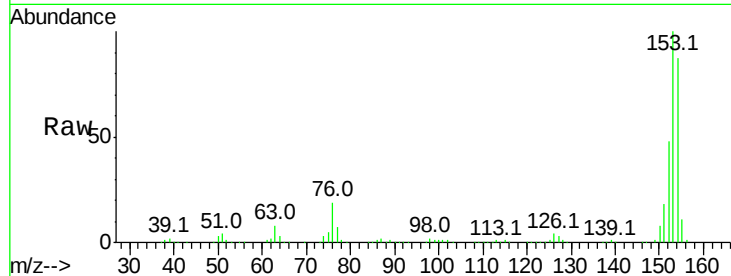




#51
Acenaphthene
Concen: 35.750 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

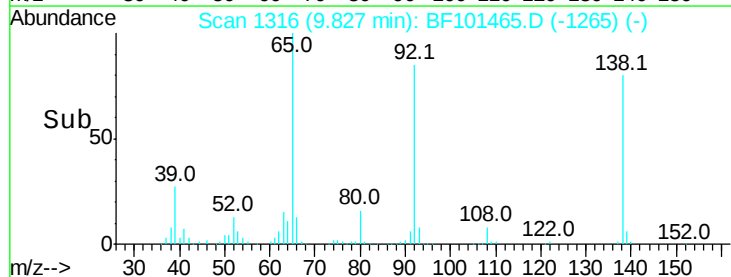
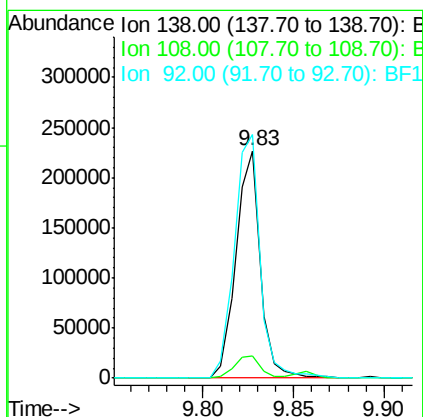
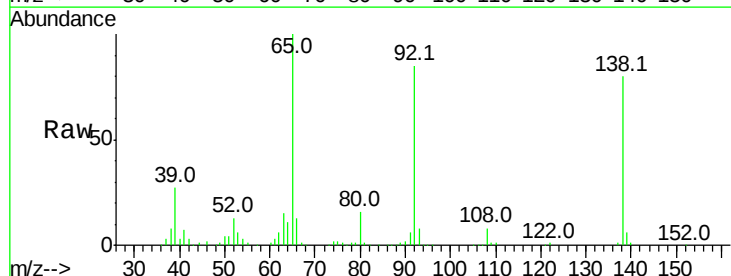
Instrument :
BNA_F
ClientSampleId :

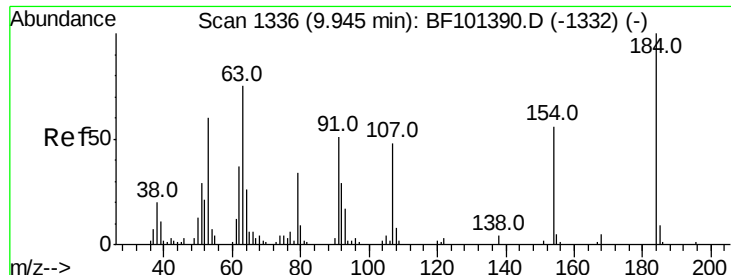
Tot Ion:154 Resp: 594863
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 55.5 43.8 65.8



#52
3-Nitroaniline
Concen: 40.352 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion:138 Resp: 212525
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.0
92 107.0 89.4 134.2

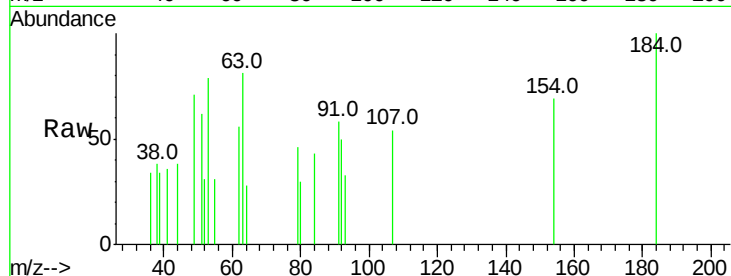




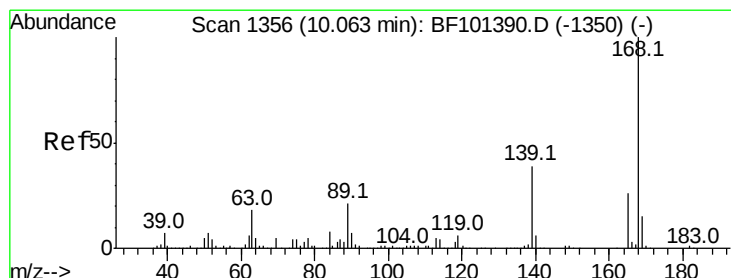
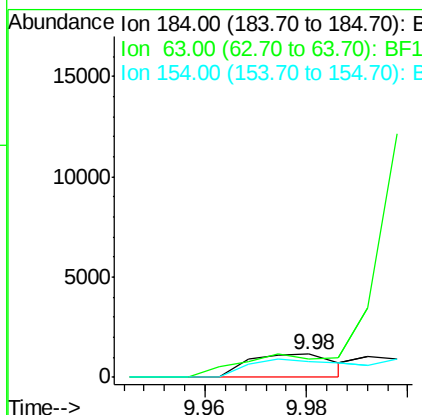
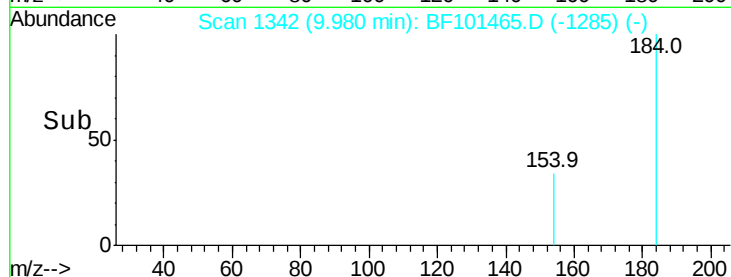
#53
2,4-Dinitrophenol
Concen: 11.121 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 1353
Ion Ratio Lower Upper
184 100
63 80.6 54.2 81.2
154 68.6 184.0 276.0#

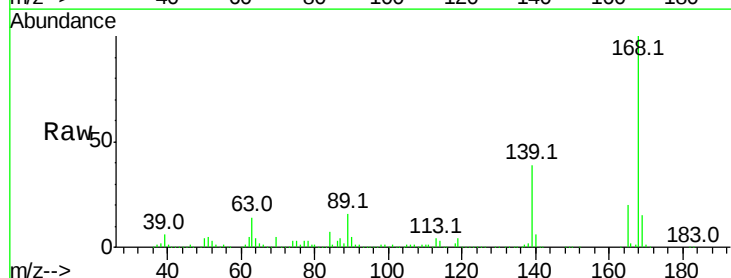


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

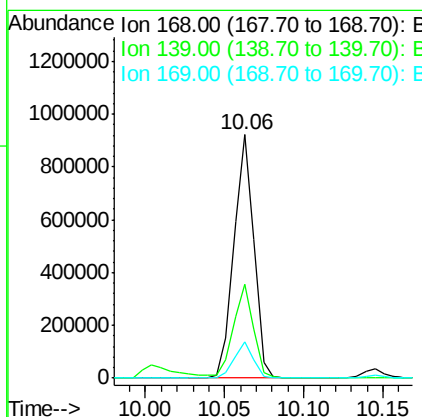
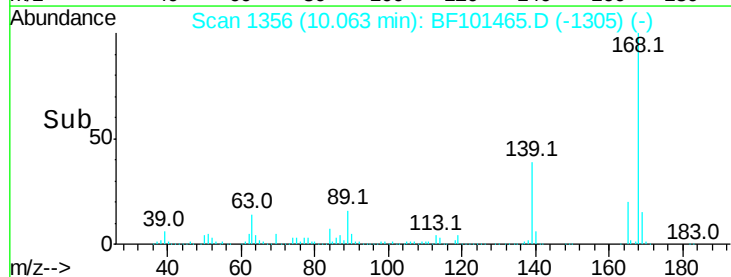


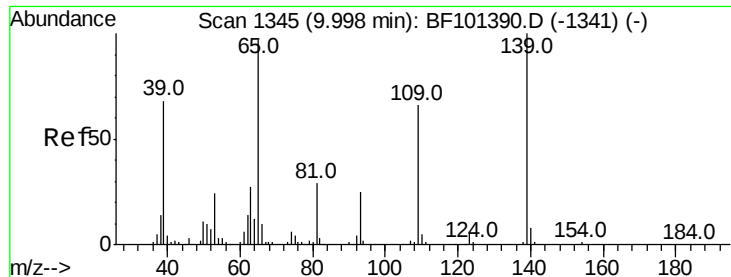
#54
Dibenzofuran
Concen: 38.154 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion:168 Resp: 806807
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

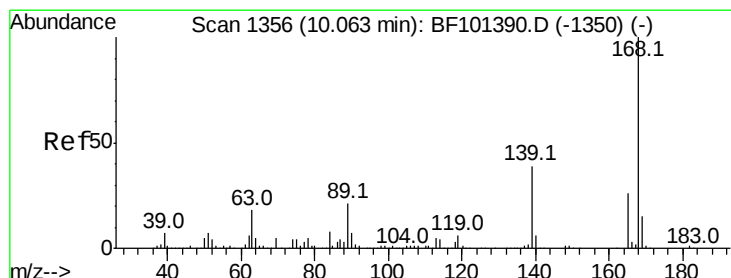
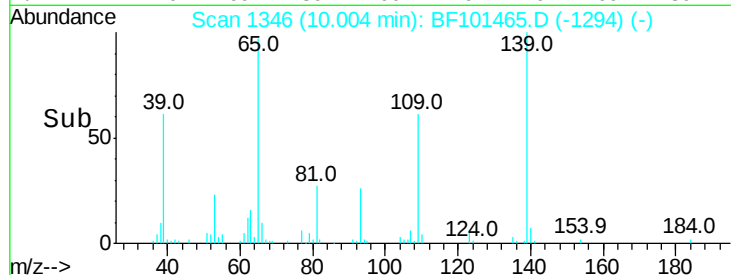
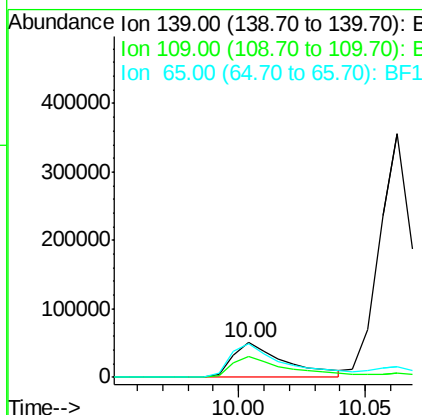
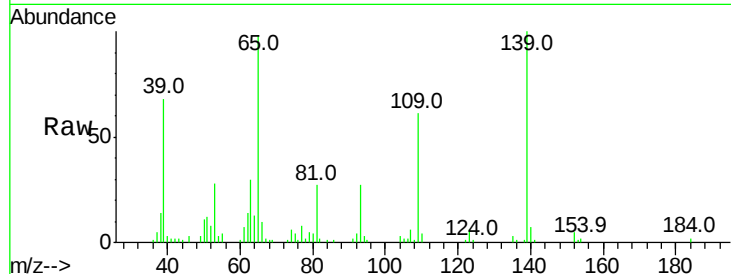




#55
4-Nitrophenol
Concen: 31.960 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

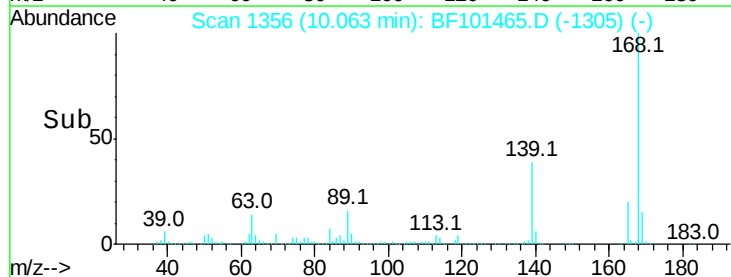
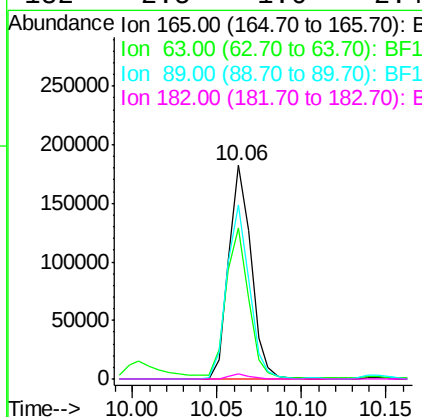
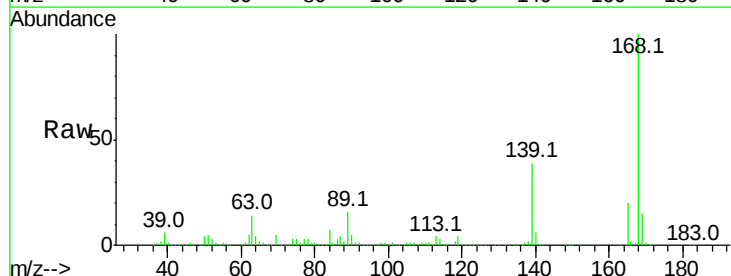
Instrument :
BNA_F
ClientSampleId :

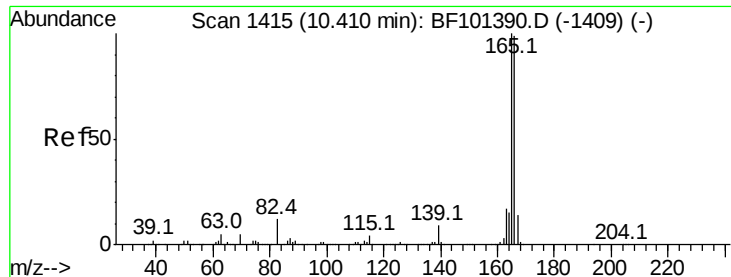
Tot Ion:139 Resp: 73398
Ion Ratio Lower Upper
139 100
109 61.1 48.4 88.4
65 98.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.400 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion:165 Resp: 168485
Ion Ratio Lower Upper
165 100
63 70.8 36.4 54.6#
89 81.4 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 36.931 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

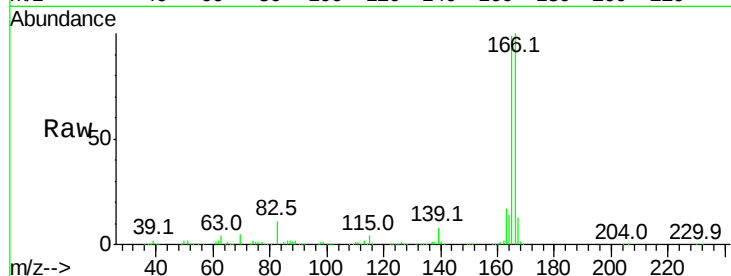
Tot Ion:166 Resp: 660627

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

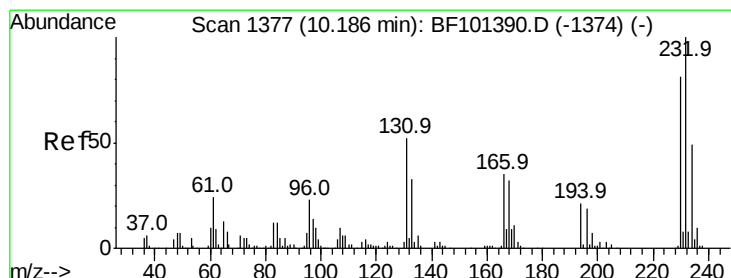
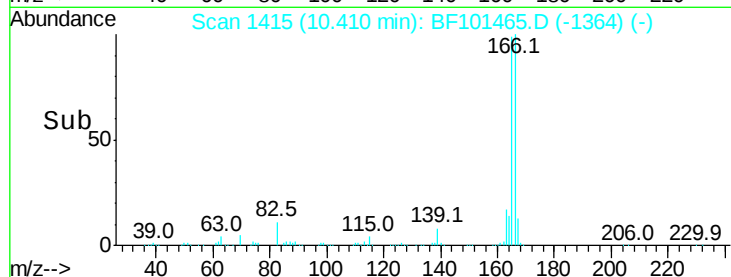
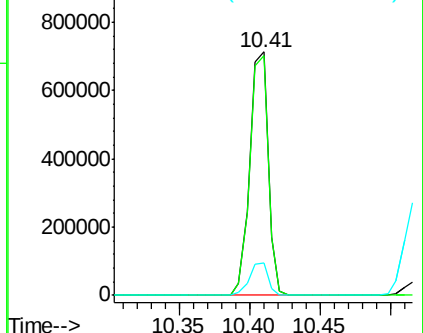
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.788 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Tgt Ion:232 Resp: 147870

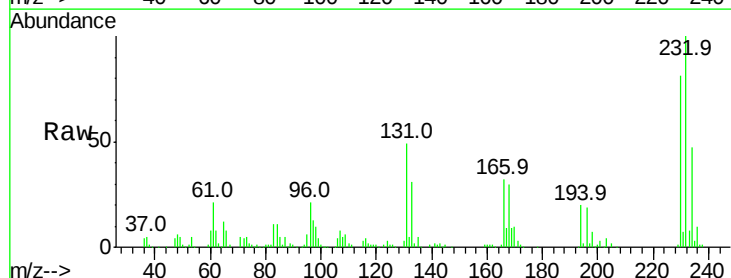
Ion Ratio Lower Upper

232 100

131 44.9 43.8 65.8

130 2.1 2.1 3.1#

166 29.0 27.8 41.6

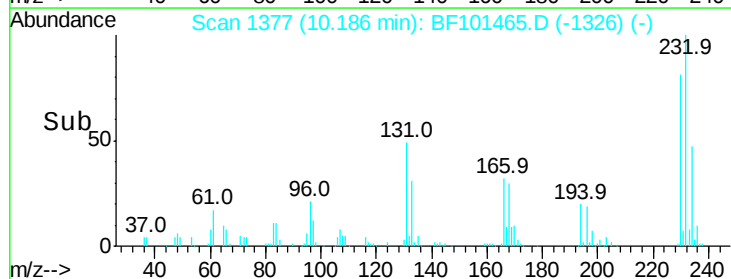
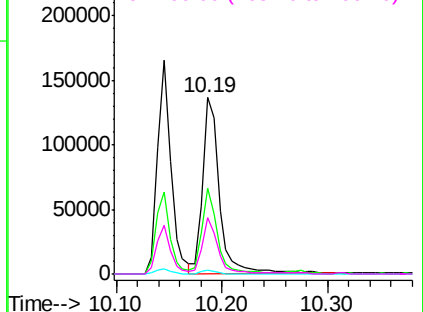


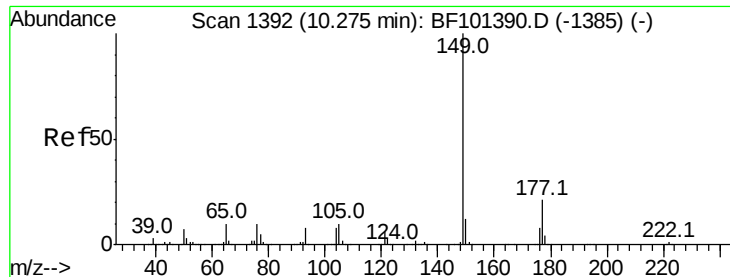
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

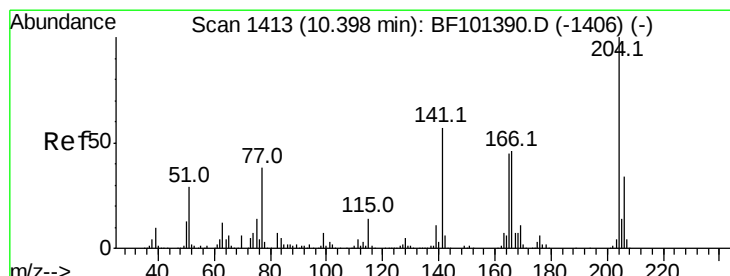
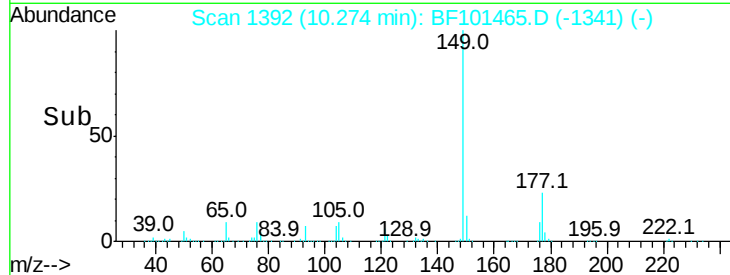
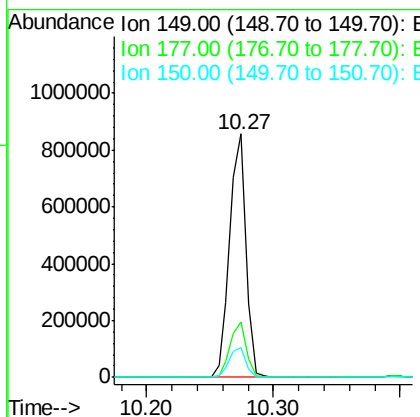
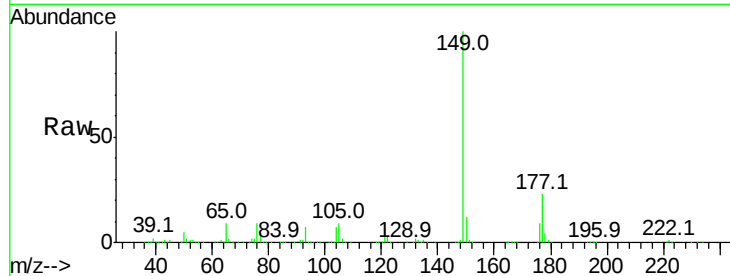




#59
 Diethylphthalate
 Concen: 36.948 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

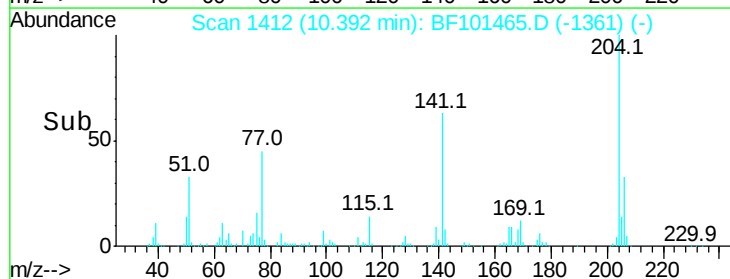
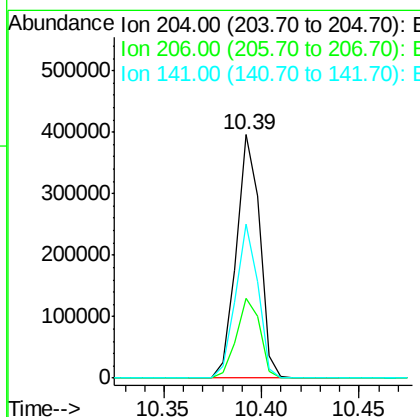
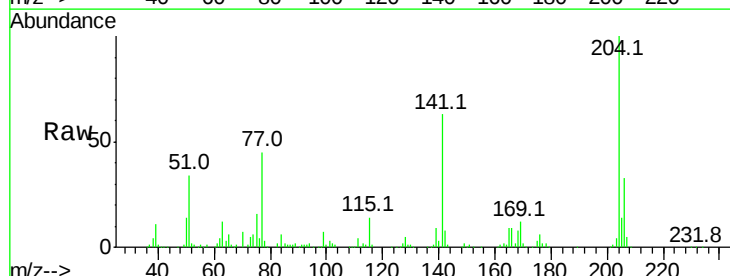
Instrument :
 BNA_F
 ClientSampled :

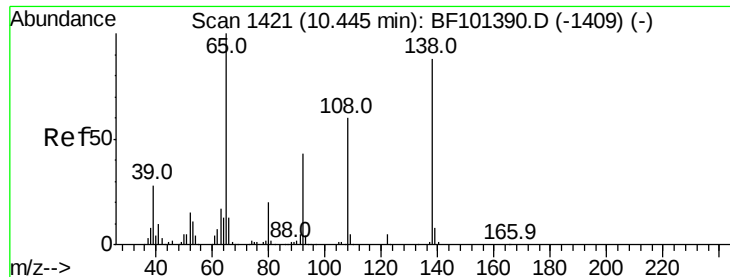
Tot Ion:	149	Resp:	760494
Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	12.4	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 38.464 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion:	204	Resp:	329759
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	63.0	54.6	81.8

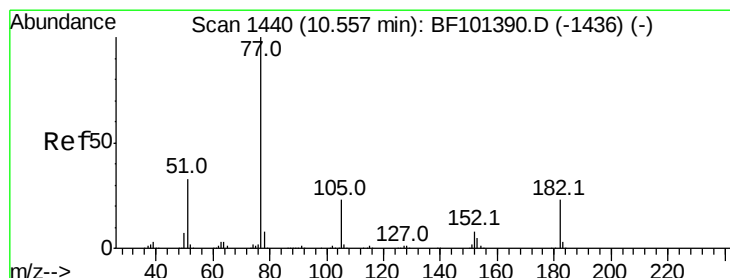
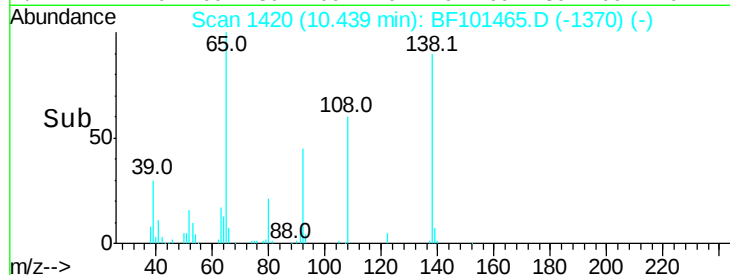
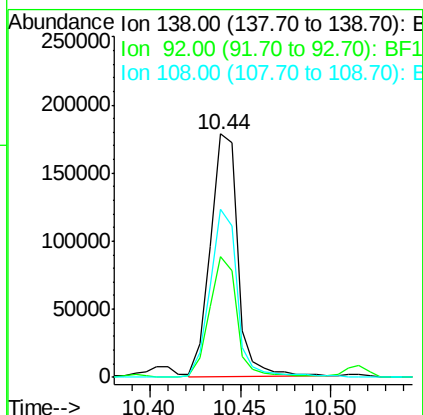
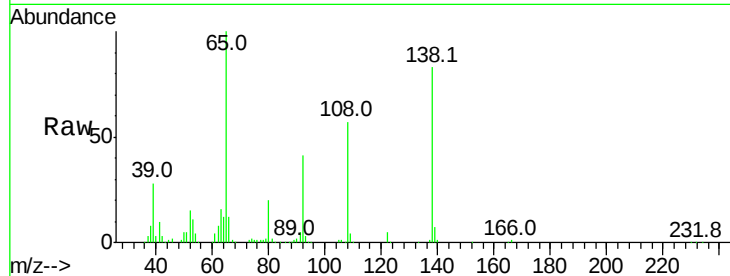




#61
4-Nitroaniline
Concen: 35.289 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

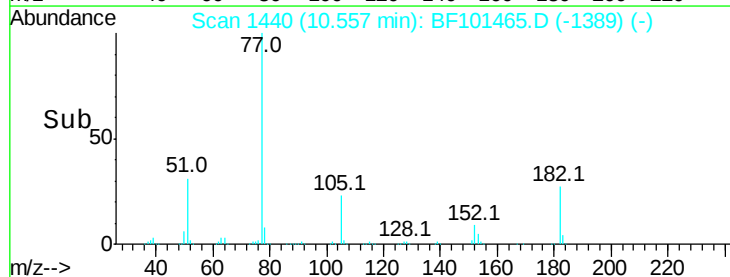
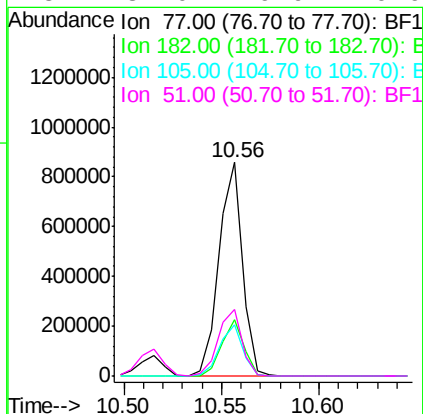
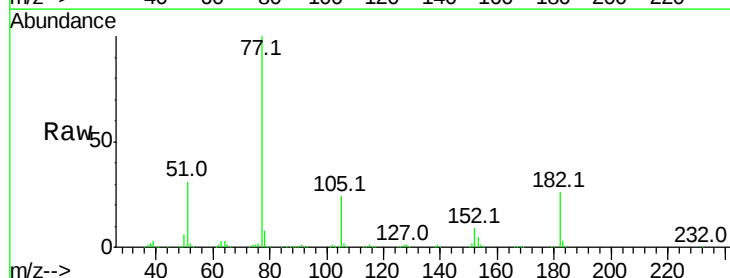
Instrument :
BNA_F
ClientSampled :

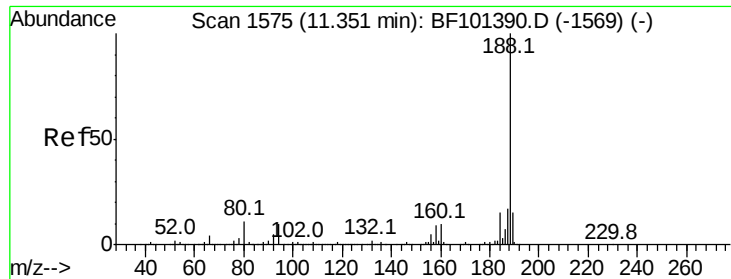
Tot Ion:138 Resp: 186814
Ion Ratio Lower Upper
138 100
92 49.4 30.2 70.2
108 69.0 52.5 92.5



#62
Azobenzene
Concen: 33.408 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion: 77 Resp: 712325
Ion Ratio Lower Upper
77 100
182 26.5 1.7 41.7
105 23.9 3.0 43.0
51 31.0 9.9 49.9

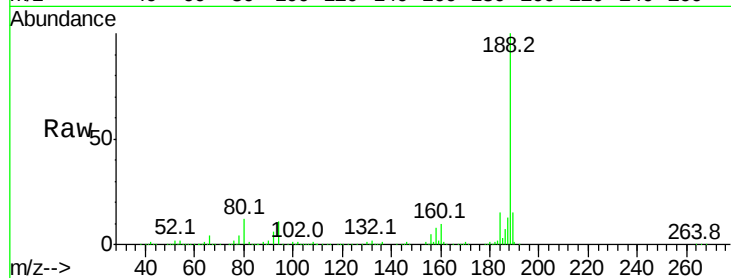




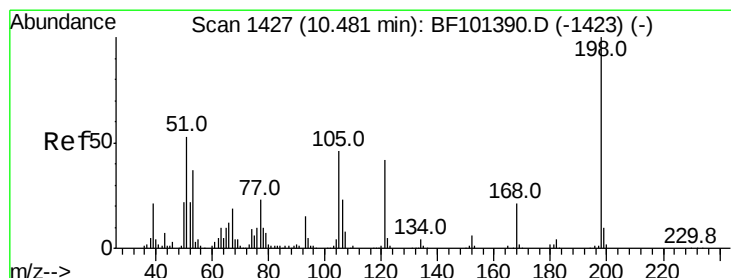
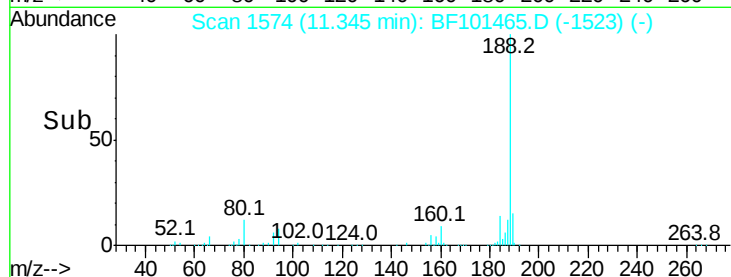
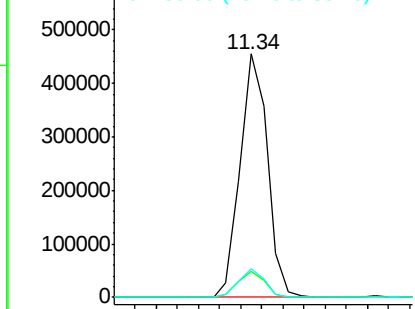
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 408104
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.9 9.2 13.8

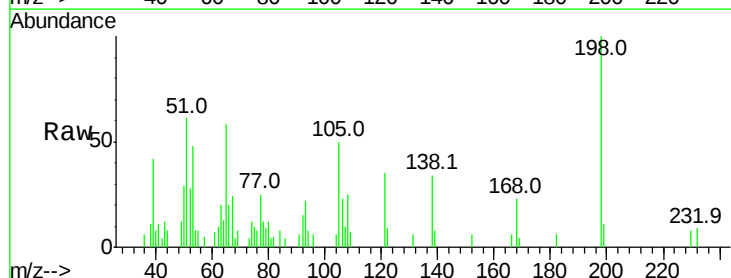


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

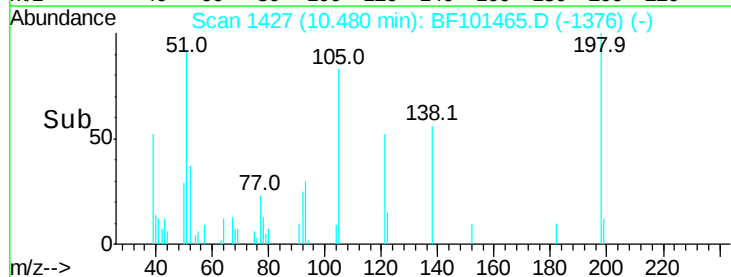
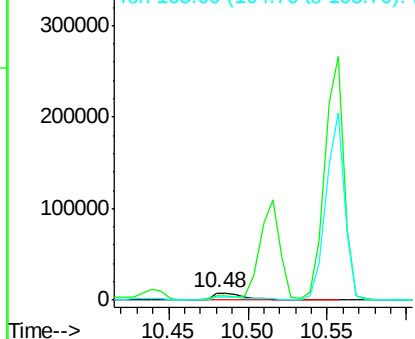


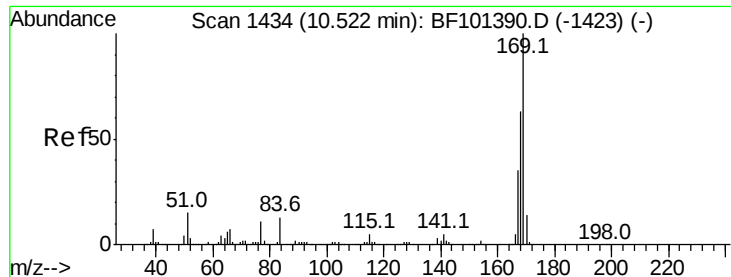
#64
4,6-Dinitro-2-methylphenol
Concen: 5.367 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion:198 Resp: 11178
Ion Ratio Lower Upper
198 100
51 61.2 37.7 77.7
105 50.4 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.383 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

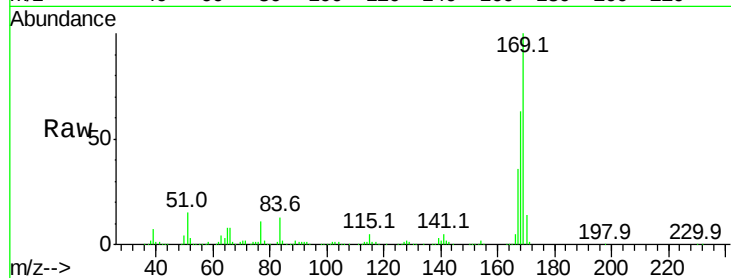
Tot Ion:169 Resp: 638668

Ion Ratio Lower Upper

169 100

168 63.4 54.4 81.6

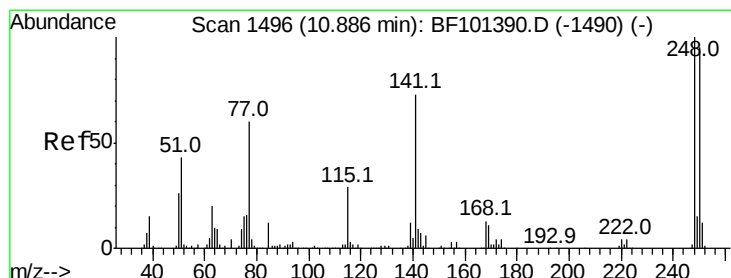
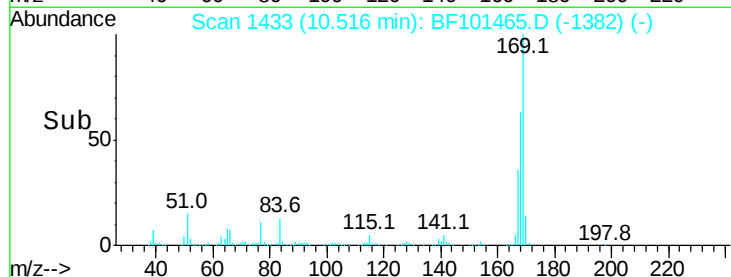
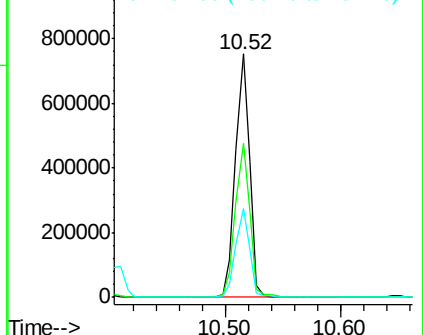
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.949 ng

RT: 10.89 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

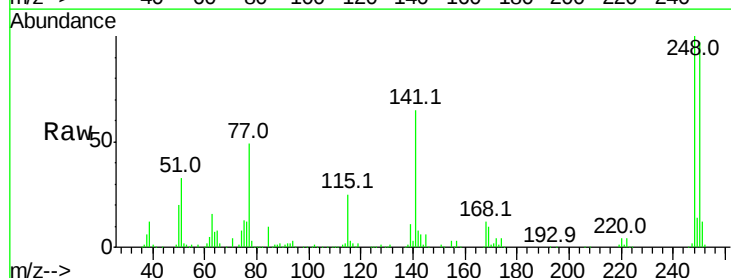
Tgt Ion:248 Resp: 196944

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

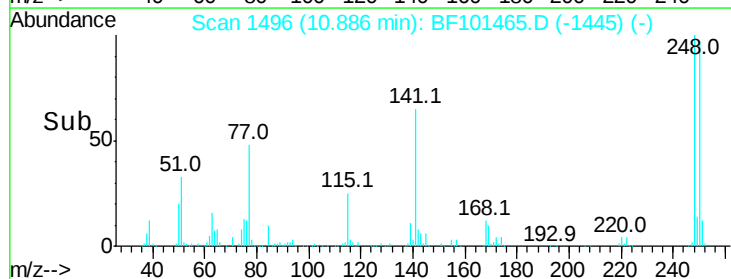
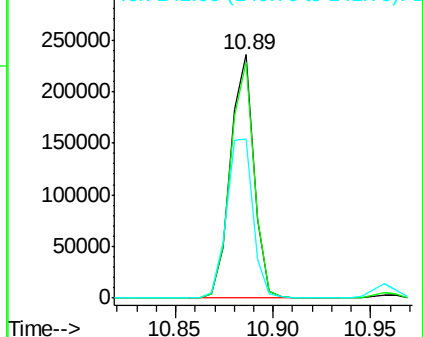
141 65.4 74.4 111.6#

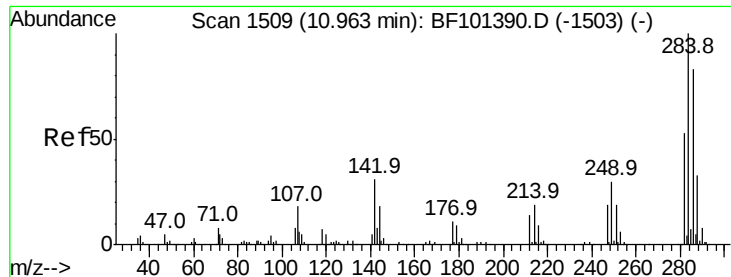


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.497 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

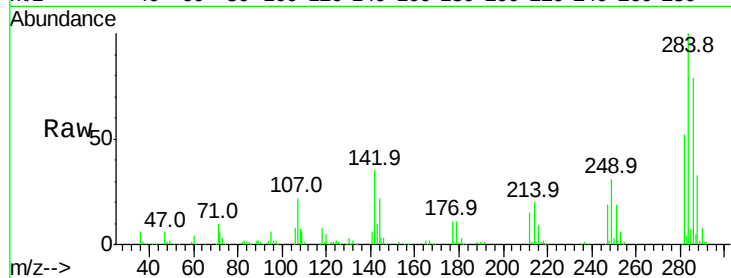
Tot Ion:284 Resp: 196543

Ion Ratio Lower Upper

284 100

142 34.7 34.6 52.0

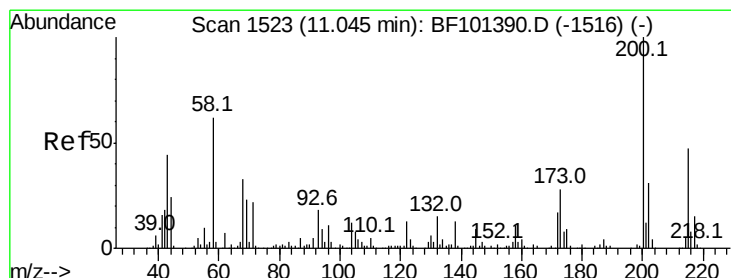
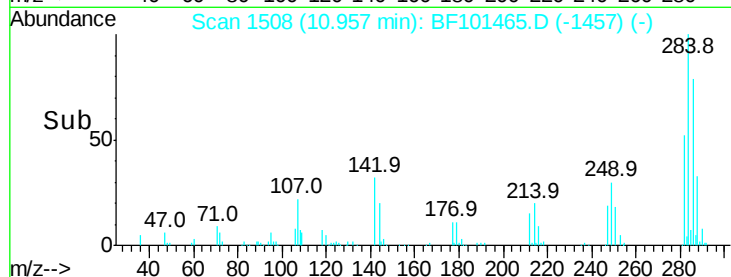
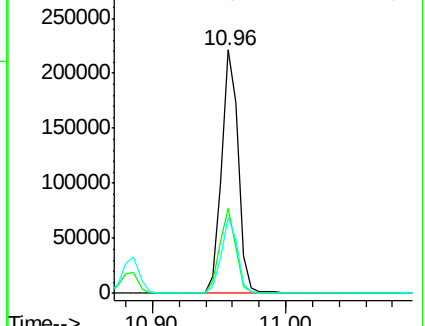
249 31.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.324 ng

RT: 11.04 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

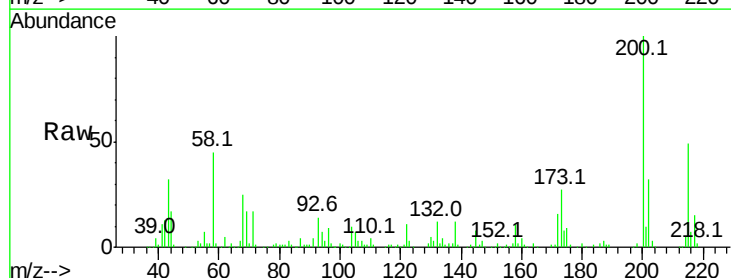
Tgt Ion:200 Resp: 167703

Ion Ratio Lower Upper

200 100

173 27.0 8.6 48.6

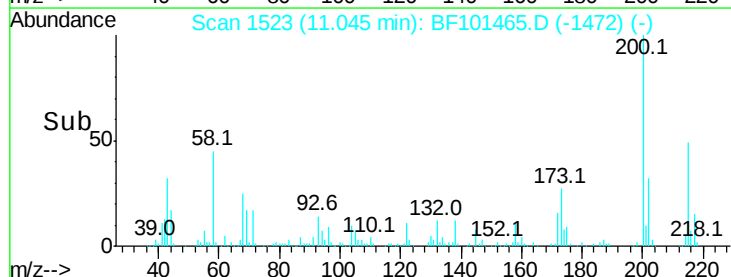
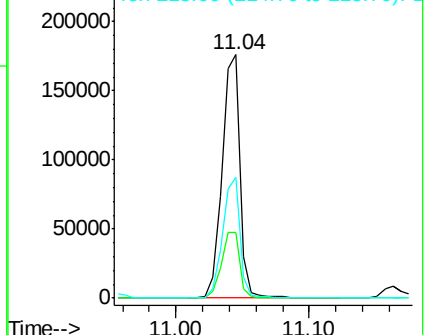
215 49.4 25.1 65.1

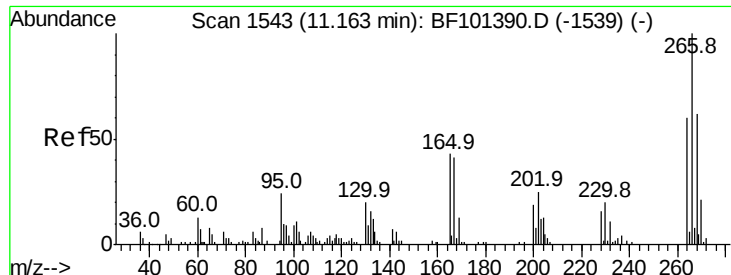


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

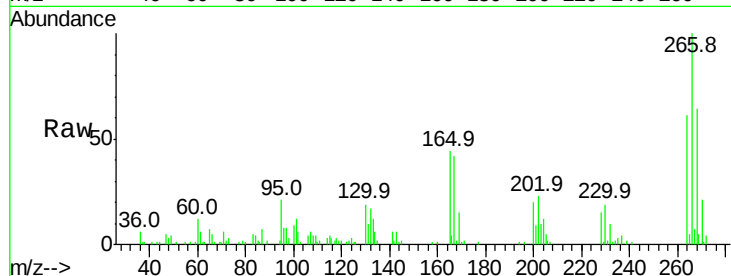




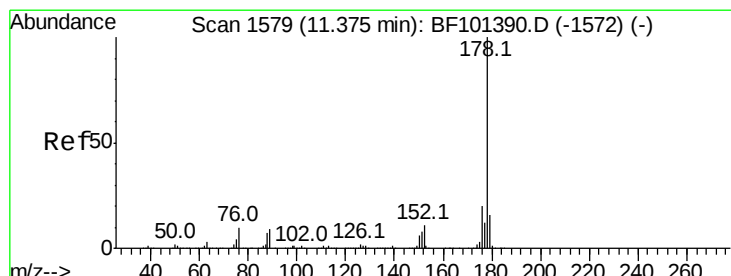
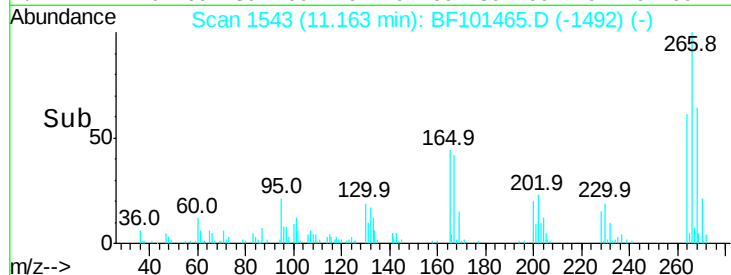
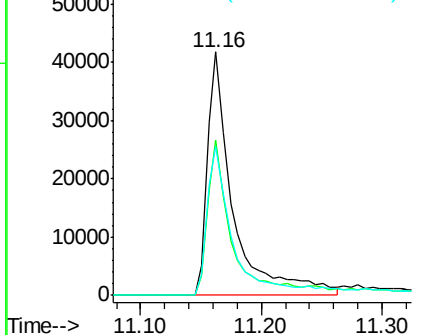
#69
 Pentachlorophenol
 Concen: 36.426 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 61406
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 61.1 49.5 74.3

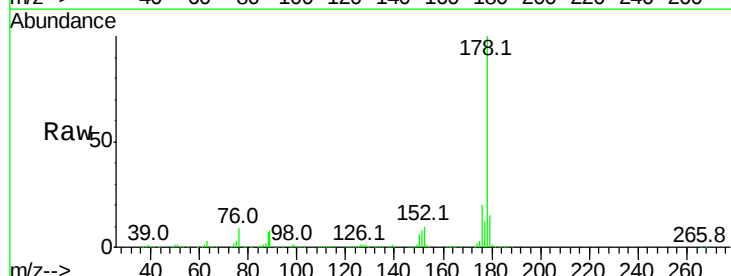


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

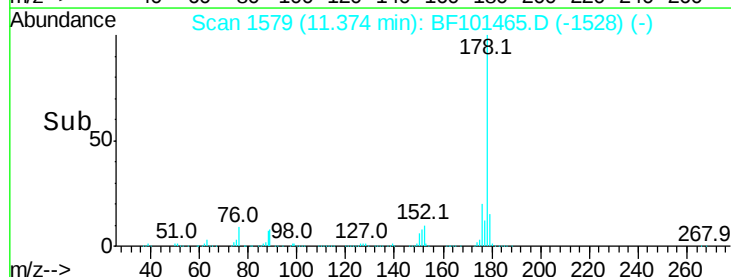
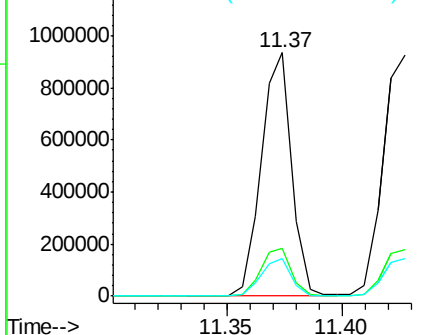


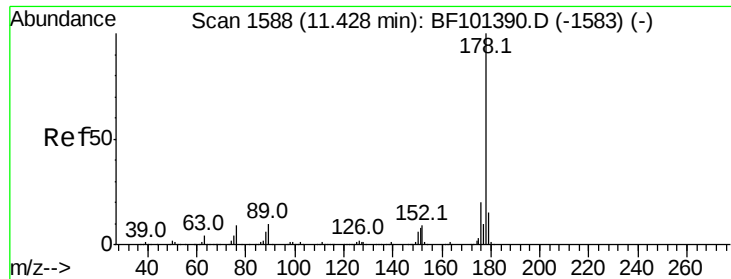
#70
 Phenanthrene
 Concen: 37.692 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion:178 Resp: 855429
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.2 13.0 19.6



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

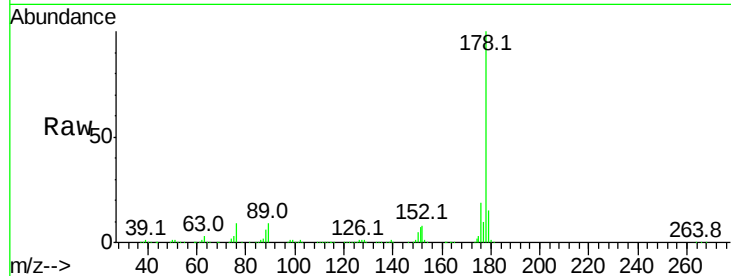




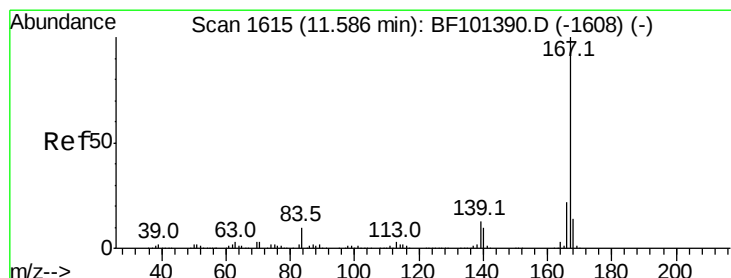
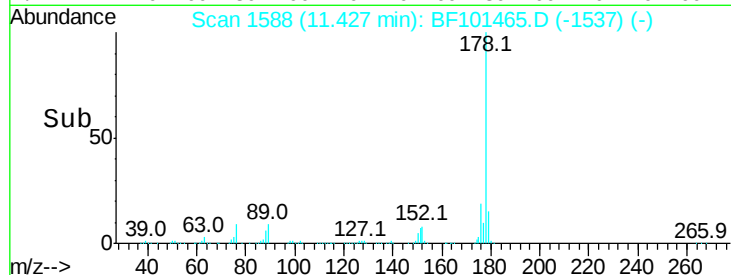
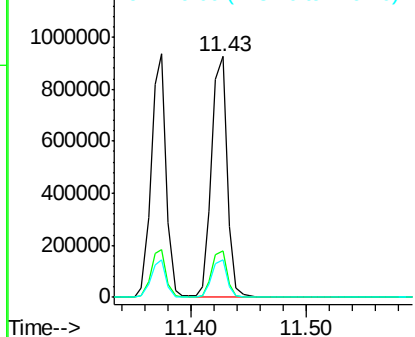
#71
 Anthracene
 Concen: 37.780 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 875841
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0

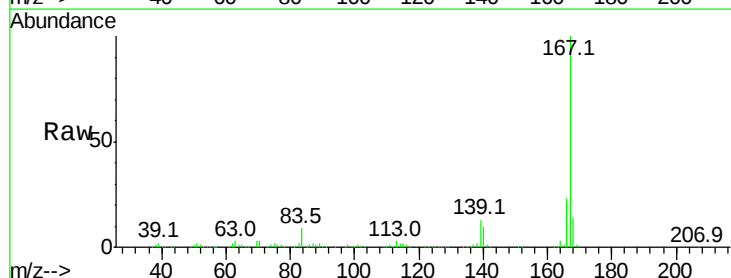


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

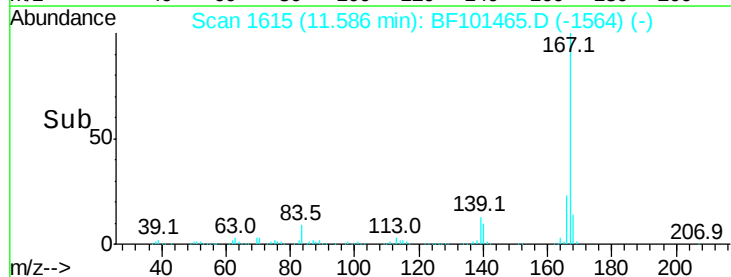
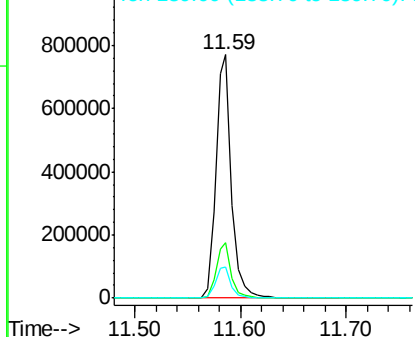


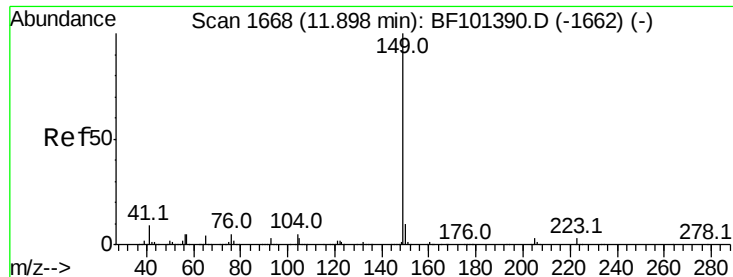
#72
 Carbazole
 Concen: 36.772 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion:167 Resp: 798143
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.7 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: 40.466 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

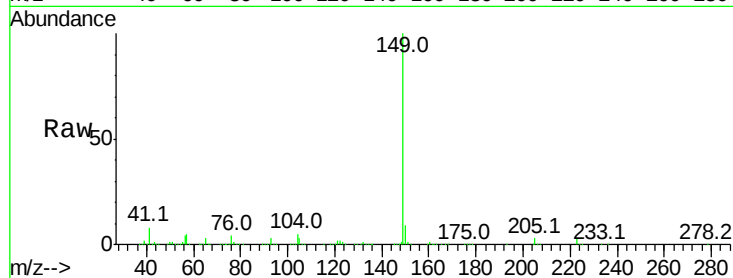
Tot Ion:149 Resp: 1066044

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

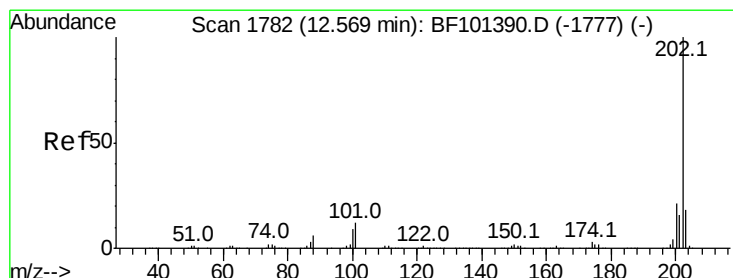
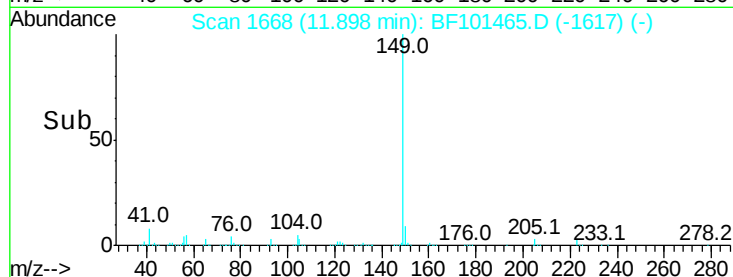
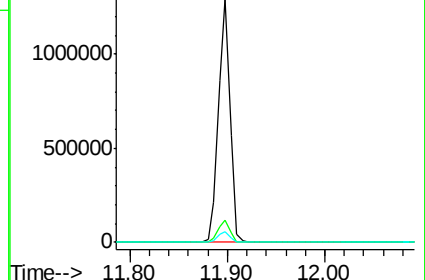
104 4.6 3.8 5.8



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: 33.580 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

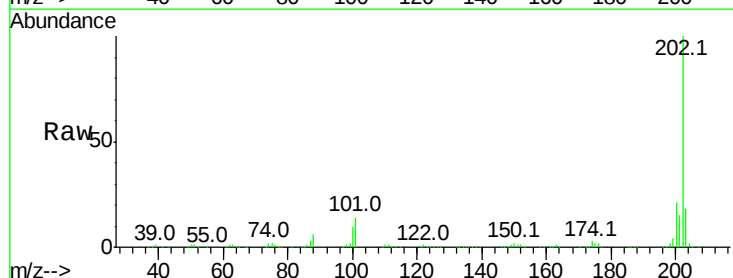
Tgt Ion:202 Resp: 799950

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

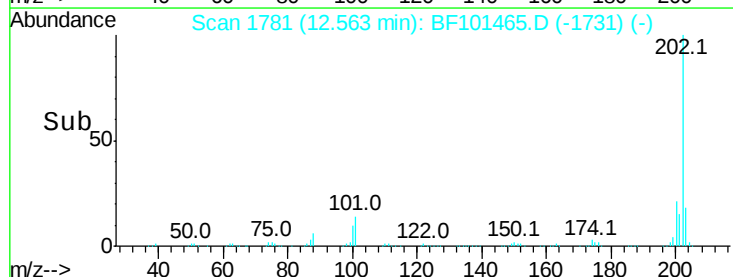
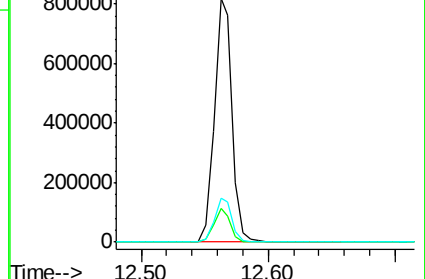
203 17.8 0.0 38.1

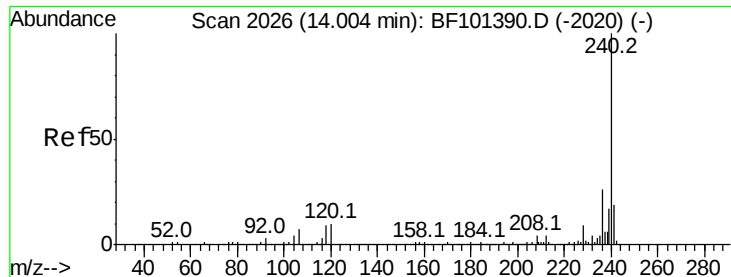


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

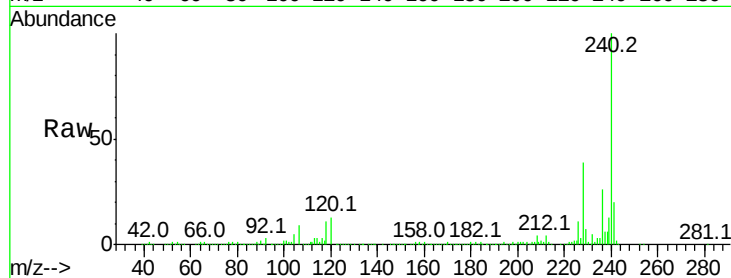
Tot Ion:240 Resp: 282770

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

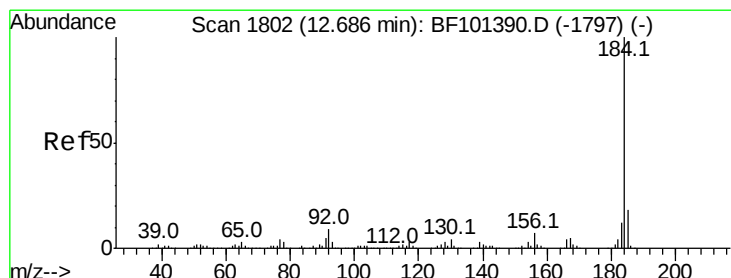
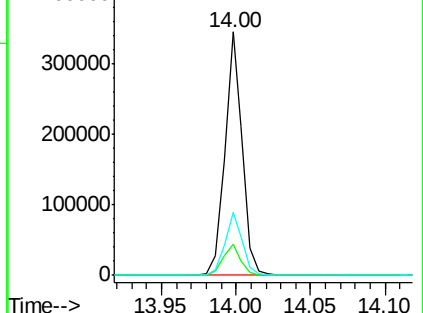
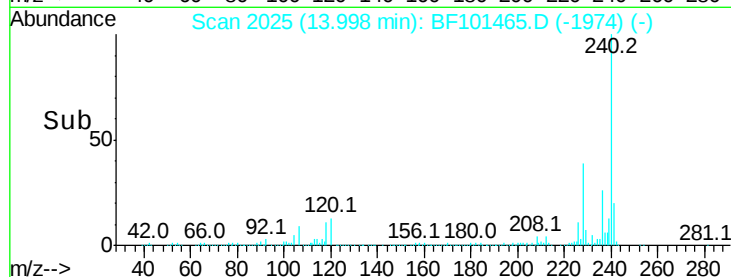
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.876 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

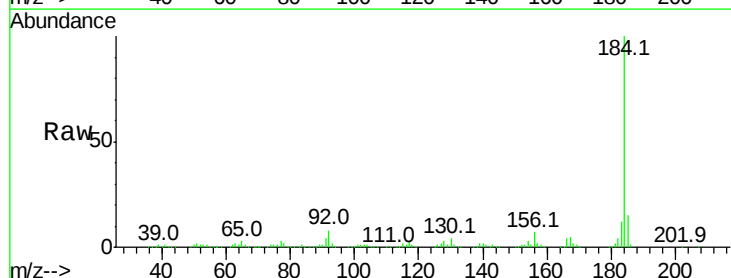
Tgt Ion:184 Resp: 452342

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

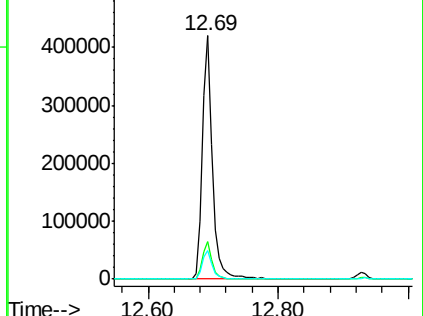
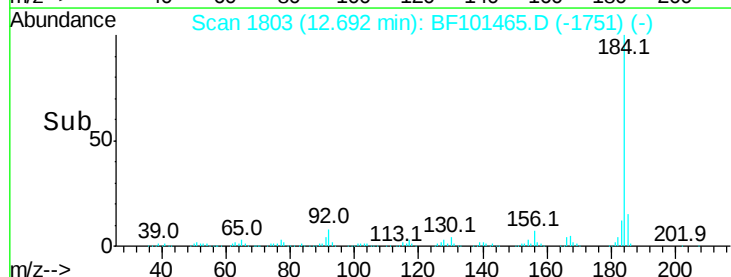
183 11.8 9.3 13.9

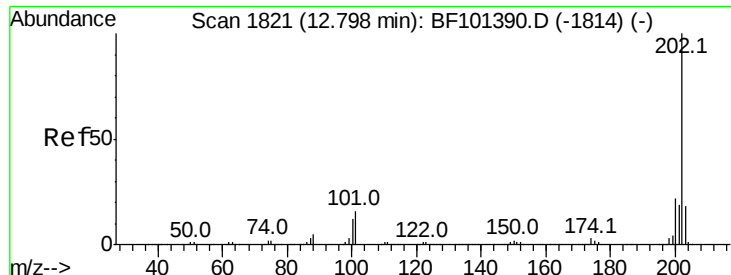


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.884 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampled :

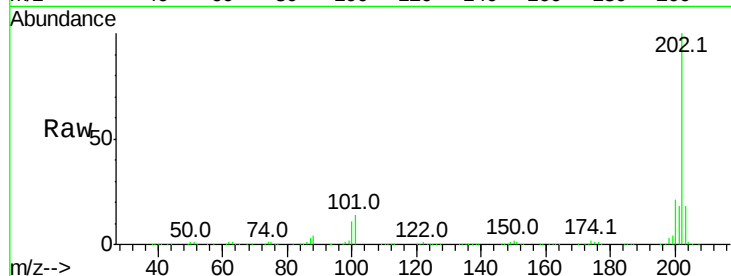
Tot Ion:202 Resp: 803960

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

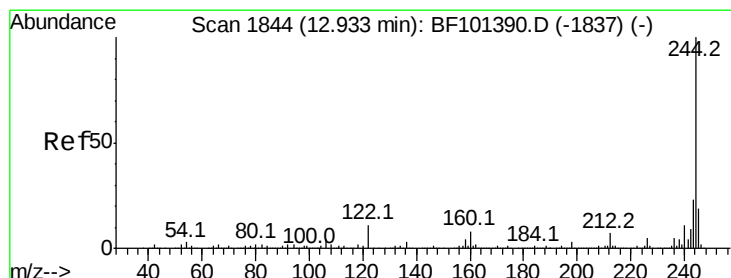
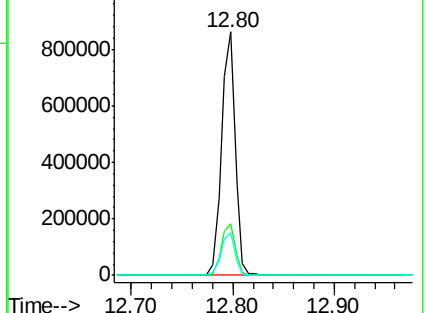
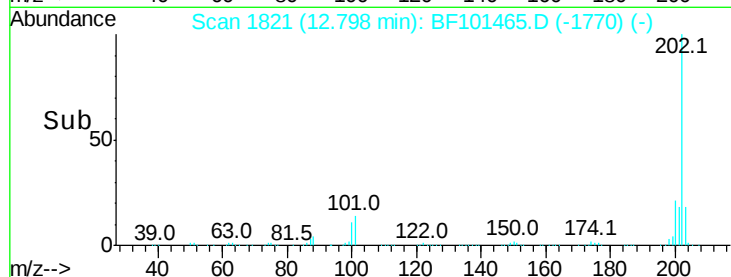
203 17.7 14.3 21.5



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: 79.422 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

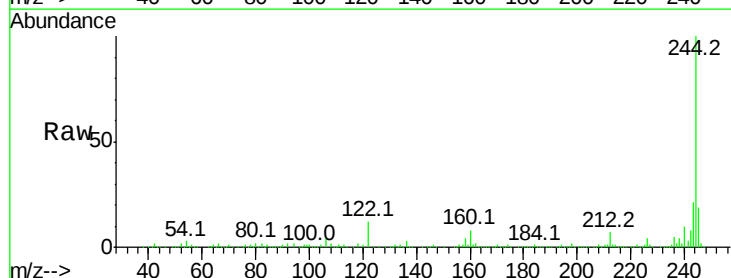
Tgt Ion:244 Resp: 931579

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

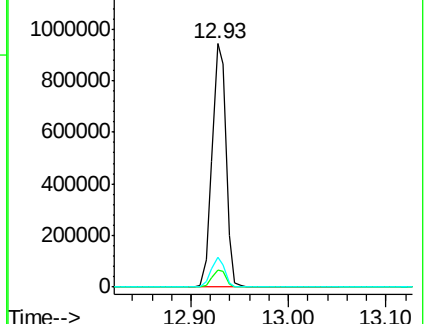
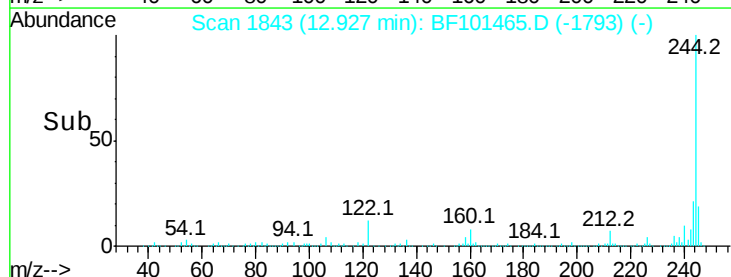
122 12.5 11.0 16.4

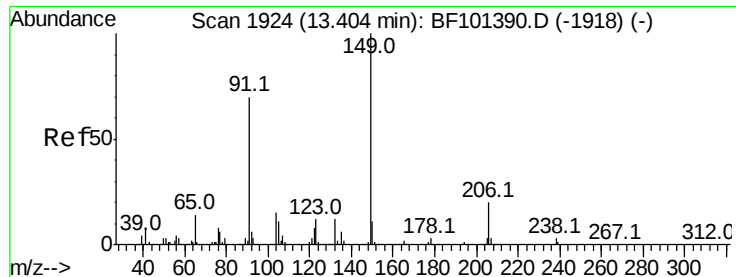


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

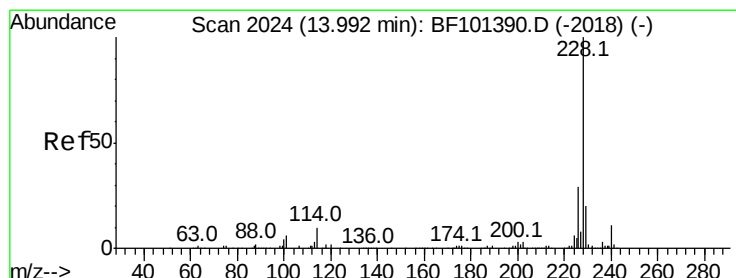
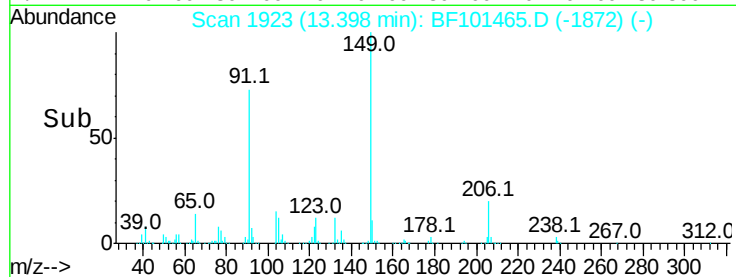
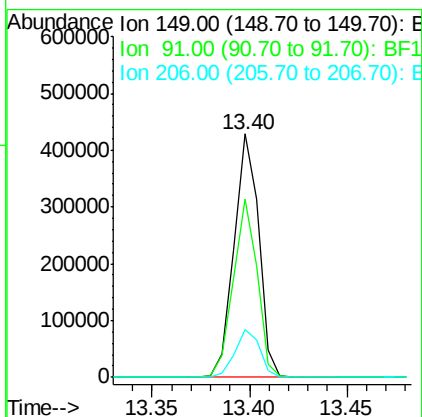
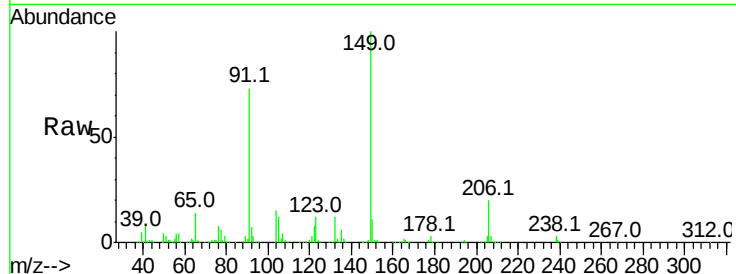




#79
Butylbenzylphthalate
Concen: 39.211 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

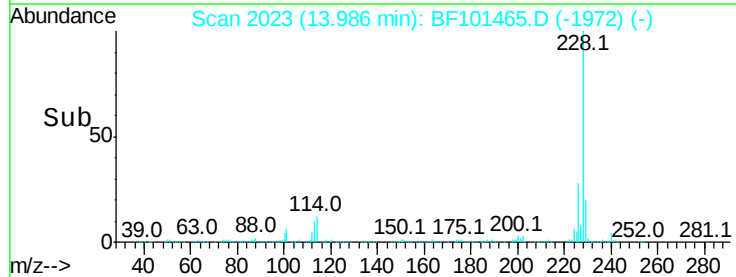
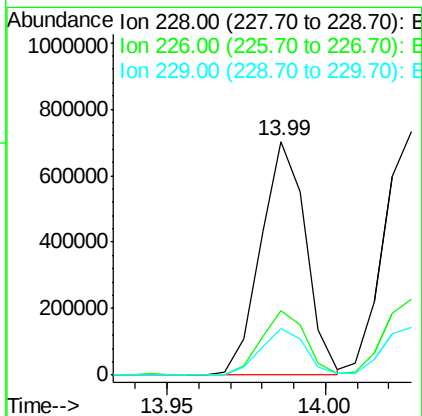
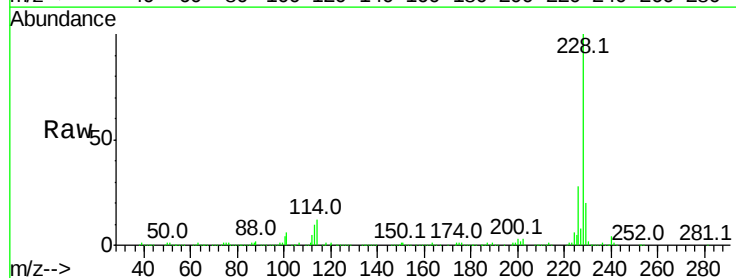
Instrument :
BNA_F
ClientSampleID :

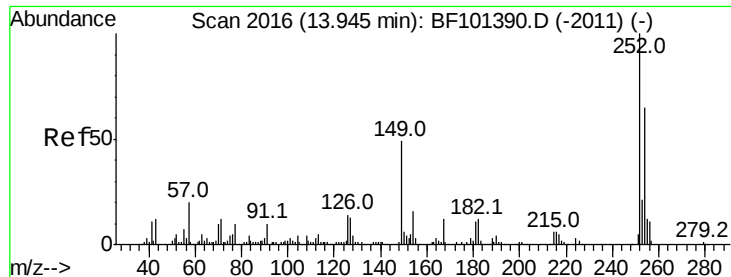
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.8	85.2
206	19.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.059 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6

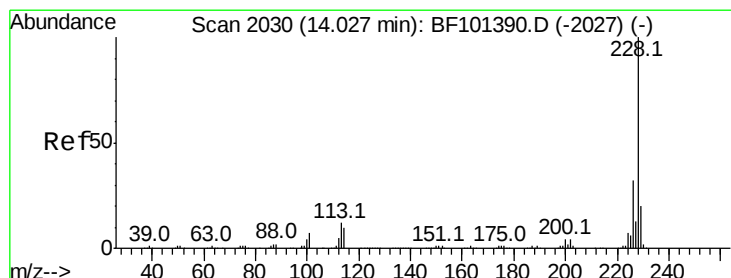
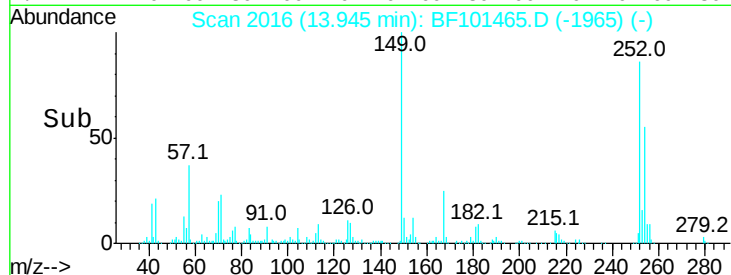
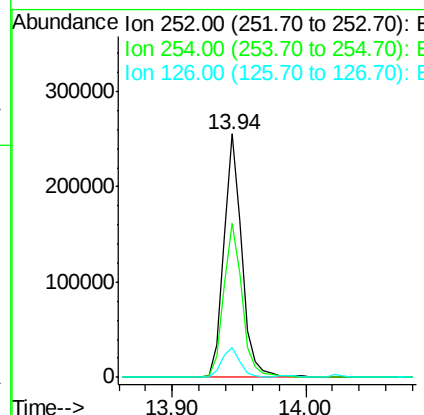
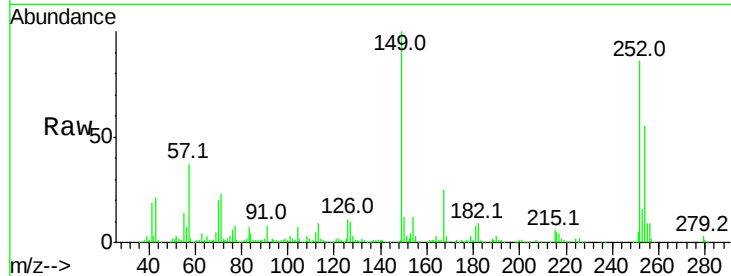




#81
 3,3'-Dichlorobenzidine
 Concen: 40.171 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

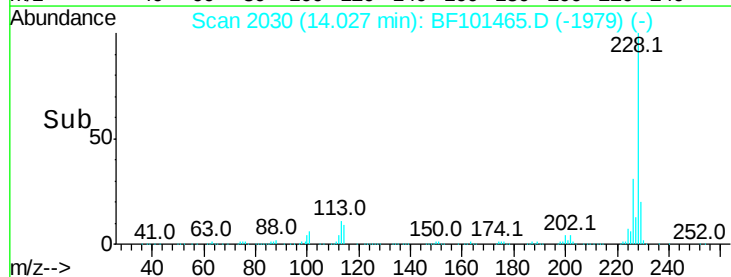
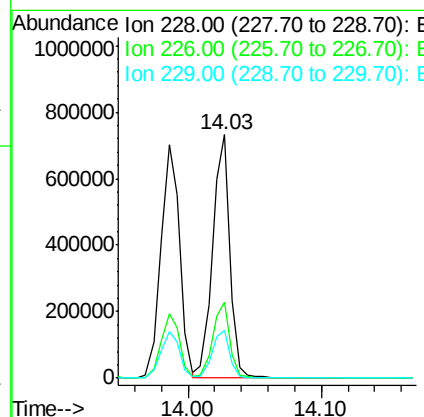
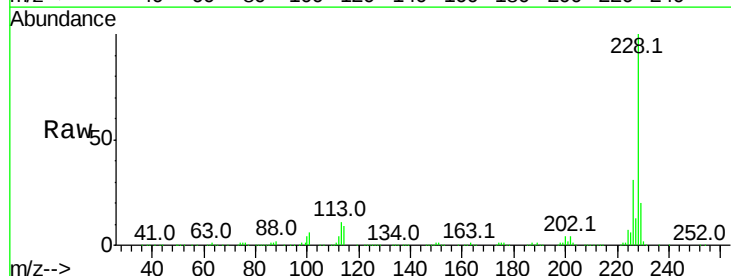
Instrument :
 BNA_F
 ClientSampleId :

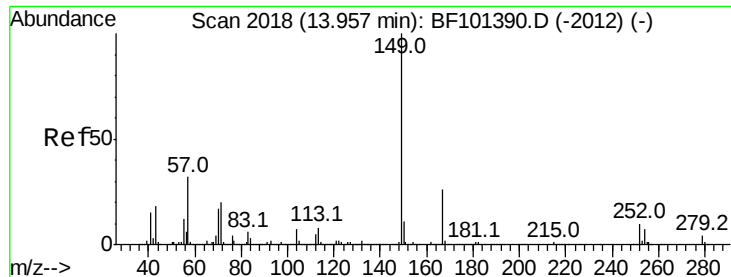
Tot Ion:252 Resp: 244571
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.4 75.6
 126 12.4 11.3 16.9



#82
 Chrysene
 Concen: 37.581 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion:228 Resp: 662543
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.7 16.2 24.4

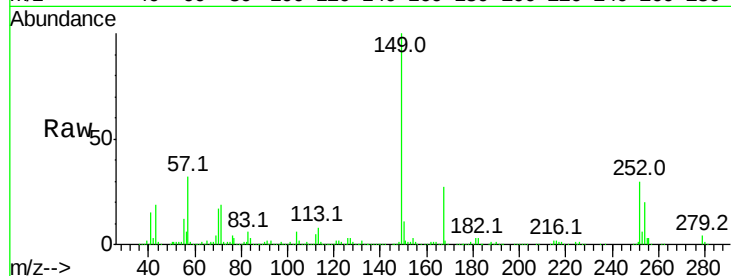




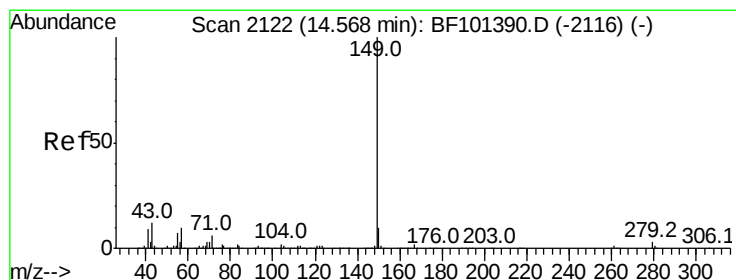
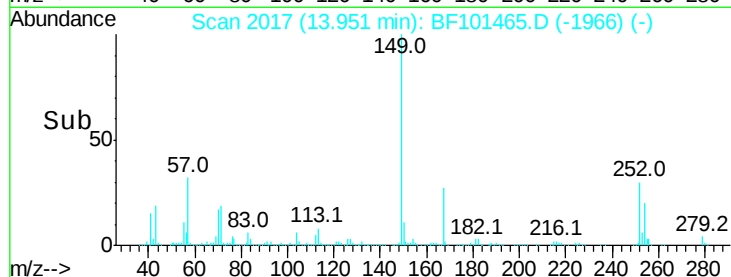
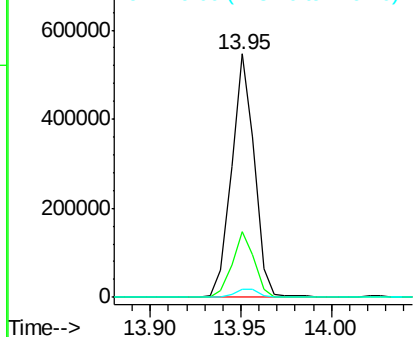
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.267 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 477592
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.5 3.0 4.4

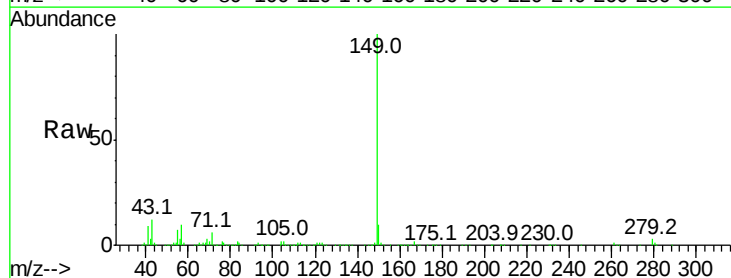


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

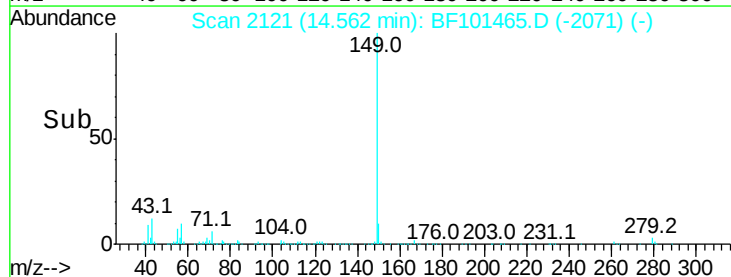
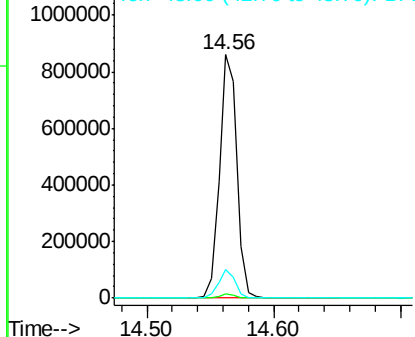


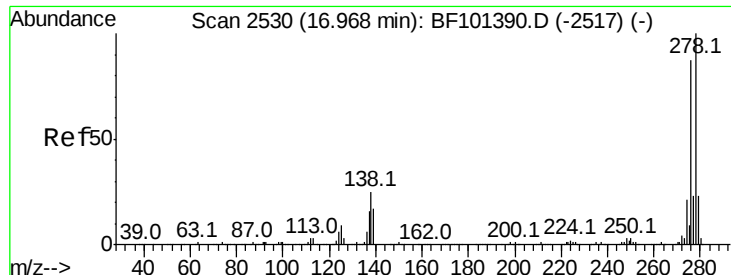
#84
 Di-n-octyl phthalate
 Concen: 37.829 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion:149 Resp: 820536
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.1 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

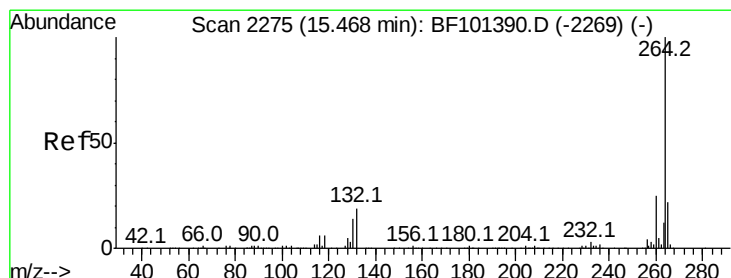
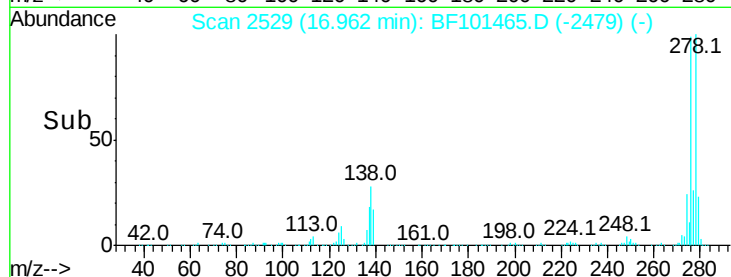
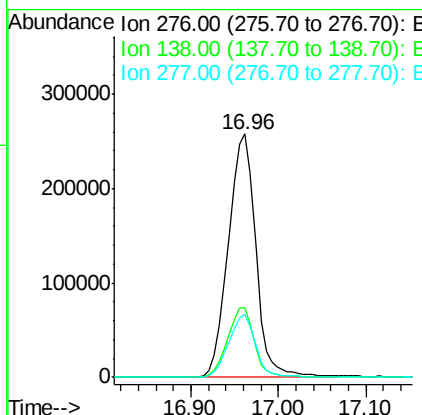
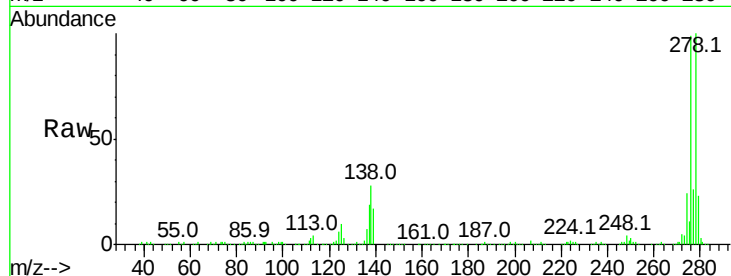




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.229 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

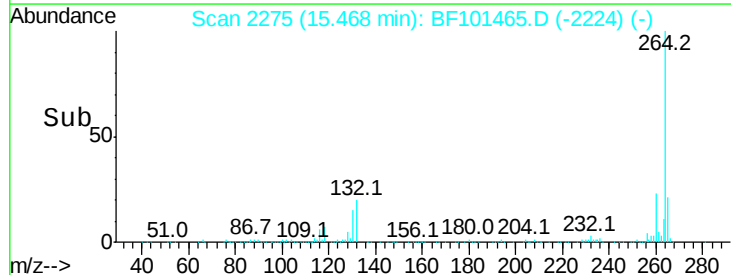
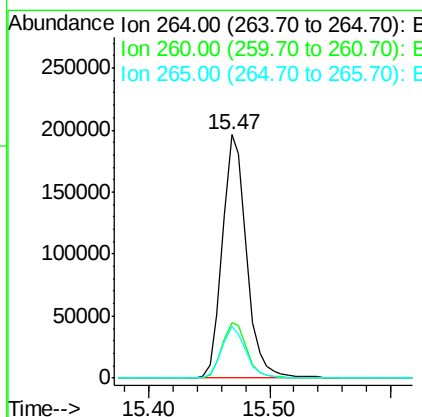
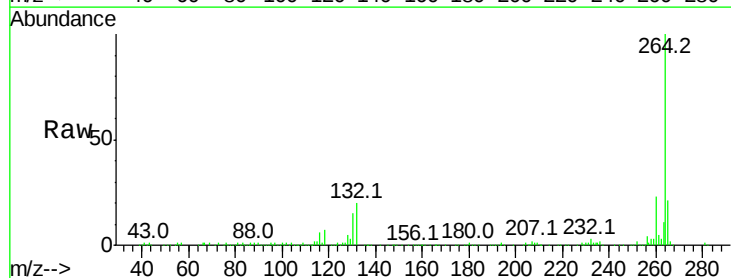
Instrument :
 BNA_F
 ClientSampleId :

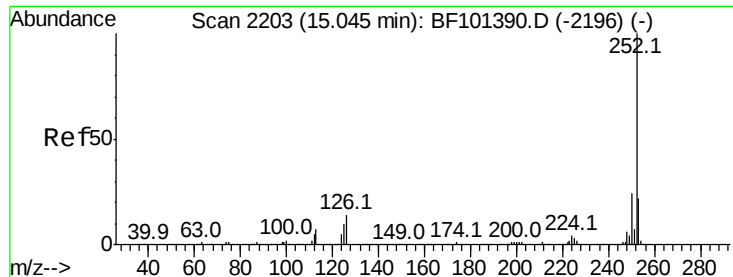
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BF101465.D
 Acq: 16 Dec 2017 2:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.428 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :

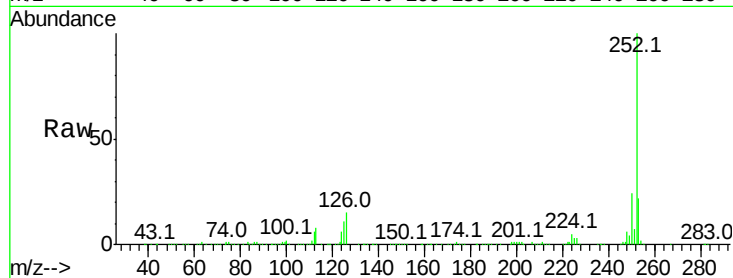
Tot Ion:252 Resp: 651984

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

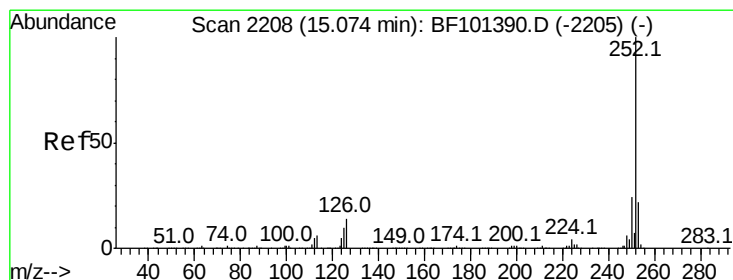
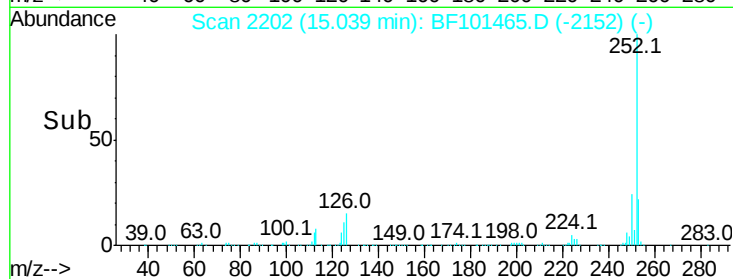
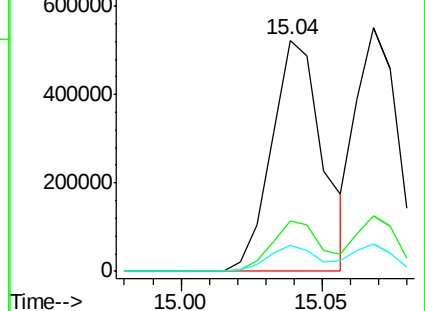
125 11.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.672 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

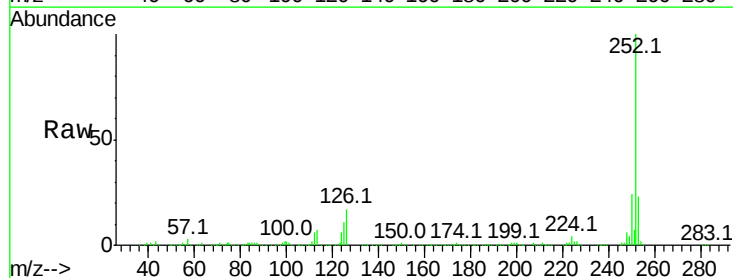
Tgt Ion:252 Resp: 573529

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

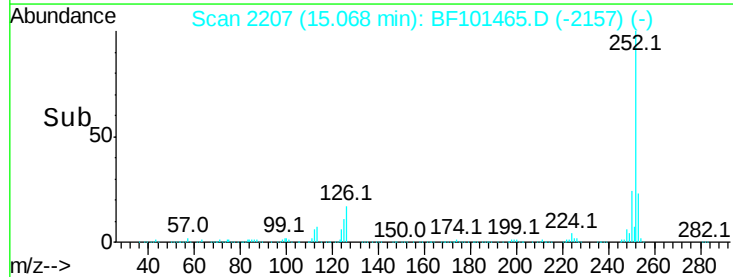
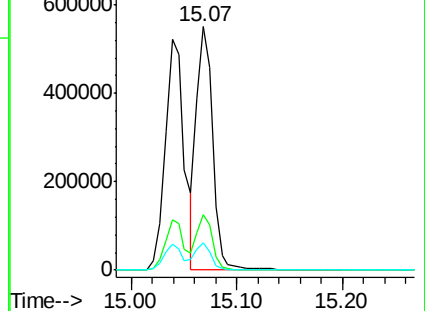
125 11.4 10.2 15.2

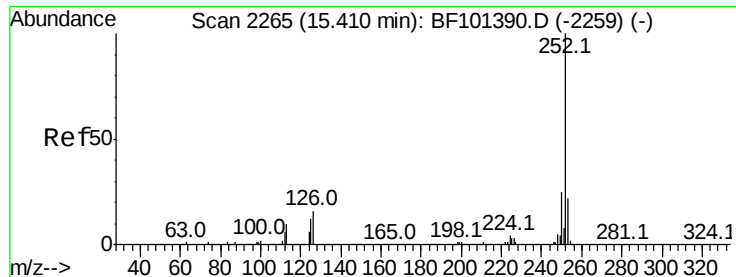


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

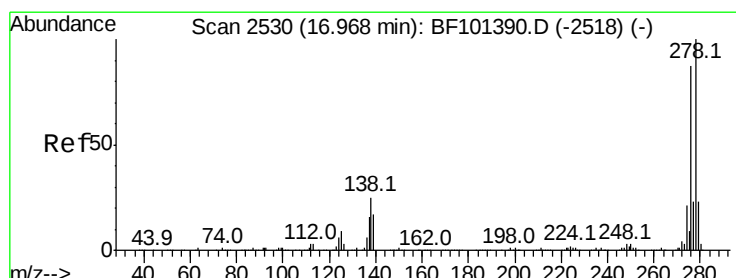
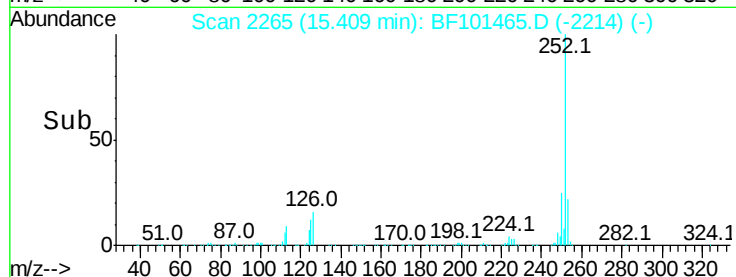
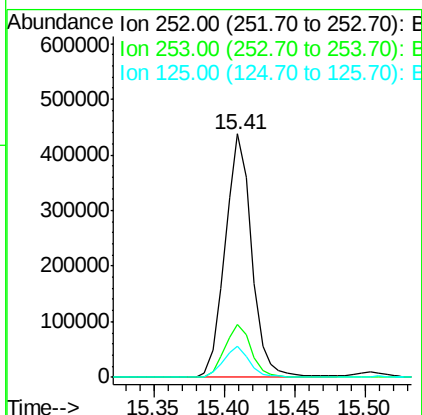
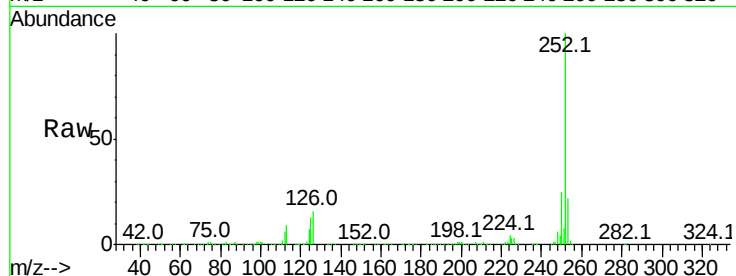




#89
Benzo(a)pyrene
Concen: 37.677 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

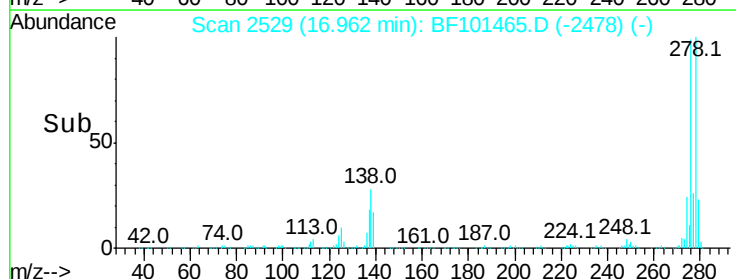
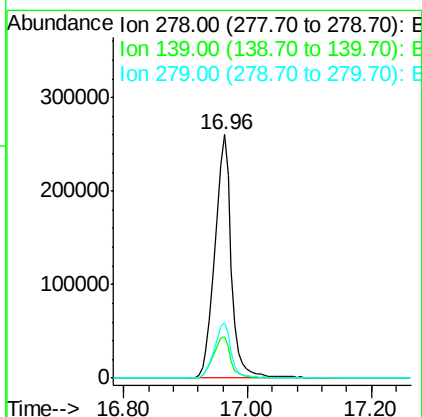
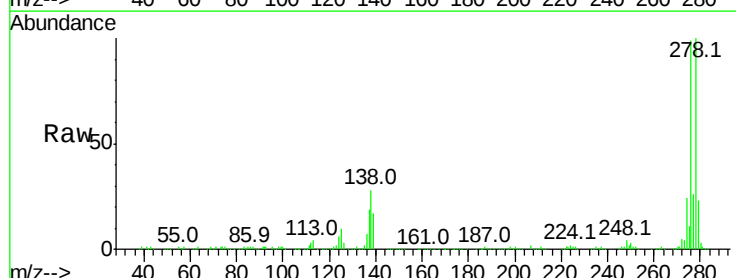
Instrument :
BNA_F
ClientSampleId :

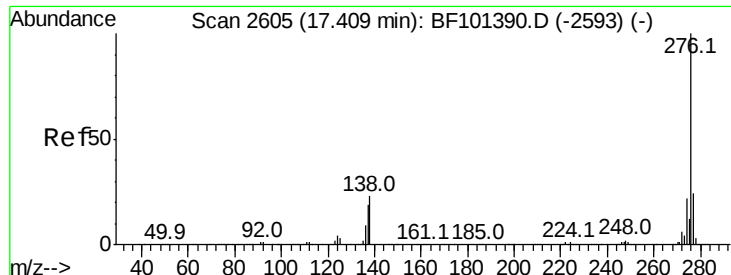
Tot Ion:252 Resp: 574354
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 12.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.933 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF101465.D
Acq: 16 Dec 2017 2:09

Tgt Ion:278 Resp: 483385
Ion Ratio Lower Upper
278 100
139 17.2 15.9 23.9
279 22.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.488 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

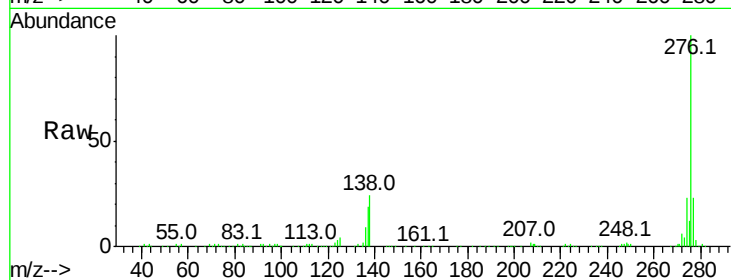
Lab File: BF101465.D

Acq: 16 Dec 2017 2:09

Instrument :

BNA_F

ClientSampleId :



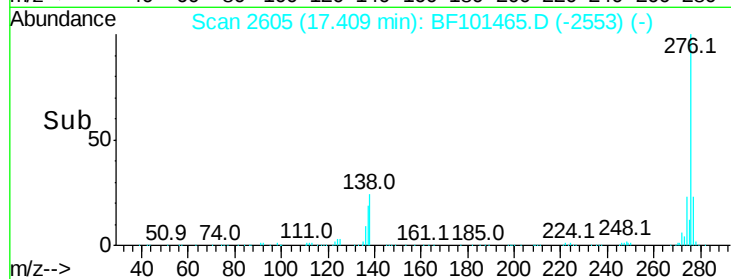
Tot Ion: 276 Resp: 459927

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 23.6 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

250000

200000

150000

100000

50000

0

17.41

17.40

17.60

Time-->