

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101766.D
 Acq On : 27 Dec 2017 17:01
 Operator : SJ/JU
 Sample : I6957-04RE MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:04:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	161076	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	627078	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	281135	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	479856	20.00	ng	0.00
75) Chrysene-d12	13.97	240	304896	20.00	ng	0.00
86) Perylene-d12	15.44	264	319296	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	895205	82.79	ng	0.01
7) Phenol-d6	6.44	99	993126	73.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	638665	56.69	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	204768	75.59	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1088837	60.08	ng	0.00
78) Terphenyl-d14	12.90	244	872490	68.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	125693	22.621	ng	97
3) Pyridine	3.34	79	290796	18.837	ng	97
4) n-Nitrosodimethylamine	3.28	42	153536	21.600	ng	95
6) Aniline	6.46	93	282371	15.098	ng	# 72
8) 2-Chlorophenol	6.58	128	299825	26.358	ng	98
9) Benzaldehyde	6.35	77	182267	18.339	ng	99
10) Phenol	6.45	94	410773	26.780	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	311787	25.914	ng	94
12) 1,3-Dichlorobenzene	6.73	146	340690	26.537	ng	98
13) 1,4-Dichlorobenzene	6.80	146	352515	26.889	ng	99
14) 1,2-Dichlorobenzene	6.96	146	314234	26.628	ng	98
15) Benzyl Alcohol	6.95	79	239127	25.815	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	515350	27.987	ng	48
17) 2-Methylphenol	7.06	107	238561	22.799	ng	# 86
18) Hexachloroethane	7.29	117	120580	26.454	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	219175	24.799	ng	94
20) 3+4-Methylphenols	7.22	107	333471	30.075	ng	96
22) Acetophenone	7.21	105	430095	30.059	ng	97
24) Nitrobenzene	7.38	77	329005	26.389	ng	99
25) Isophorone	7.62	82	595205	26.338	ng	98
26) 2-Nitrophenol	7.70	139	163784	30.578	ng	97
27) 2,4-Dimethylphenol	7.73	122	247393	27.187	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	380629	26.515	ng	99
29) 2,4-Dichlorophenol	7.95	162	252969	28.139	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	259924	27.397	ng	96
31) Naphthalene	8.09	128	870578	27.577	ng	100
32) Benzoic acid	7.73	122	247393	41.618	ng	# 14
33) 4-Chloroaniline	8.16	127	164853	12.015	ng	100
34) Hexachlorobutadiene	8.20	225	151801	27.665	ng	98
35) Caprolactam	8.53	113	81479	26.102	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	260096	26.323	ng	97
37) 2-Methylnaphthalene	8.79	142	579607	28.180	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	273864	28.853	ng	96
40) Hexachlorocyclopentadiene	8.93	237	30263	29.840	ng	95

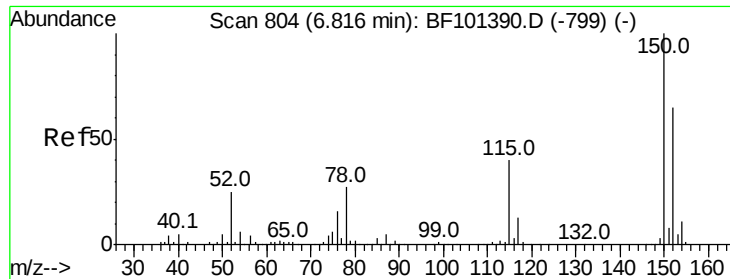
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101766.D
 Acq On : 27 Dec 2017 17:01
 Operator : SJ/JU
 Sample : I6957-04RE MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:04:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	146552	25.646	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	136544	21.823	ng	96
45) 1,1'-Biphenyl	9.25	154	686912	27.551	ng	99
46) 2-Chloronaphthalene	9.27	162	513256	26.904	ng	98
47) 2-Nitroaniline	9.39	65	167045	25.347	ng	90
48) Acenaphthylene	9.69	152	753076	24.993	ng	99
49) Dimethylphthalate	9.55	163	770054	34.053	ng	99
50) 2,6-Dinitrotoluene	9.63	165	122805	26.720	ng	# 90
51) Acenaphthene	9.86	154	460153	25.418	ng	99
52) 3-Nitroaniline	9.80	138	110993	19.370	ng	98
53) 2,4-Dinitrophenol	10.11	184	247	10.455	ng	# 1
54) Dibenzofuran	10.03	168	663455	28.838	ng	95
55) 4-Nitrophenol	10.03	139	340896	136.436	ng	# 16
56) 2,4-Dinitrotoluene	10.05	165	164648	31.796	ng	# 96
57) Fluorene	10.38	166	538045	27.646	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	70260	15.630	ng	# 84
59) Diethylphthalate	10.25	149	566310	25.289	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	260964	27.978	ng	94
61) 4-Nitroaniline	10.42	138	101149	17.562	ng	95
62) Azobenzene	10.53	77	790669	34.084	ng	93
65) n-Nitrosodiphenylamine	10.49	169	489752	27.641	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	160568	29.780	ng	# 85
67) Hexachlorobenzene	10.93	284	164730	28.867	ng	# 88
68) Atrazine	11.02	200	153123	28.983	ng	98
69) Pentachlorophenol	11.16	266	4842	8.560	ng	95
70) Phenanthrene	11.35	178	743651	27.867	ng	99
71) Anthracene	11.40	178	726999	26.671	ng	100
72) Carbazole	11.56	167	557809	21.857	ng	99
73) Di-n-butylphthalate	11.87	149	892454	28.811	ng	99
74) Fluoranthene	12.54	202	650891	23.238	ng	99
76) Benzidine	12.67	184	79570	6.179	ng	97
77) Pyrene	12.77	202	627335	27.416	ng	99
79) Butylbenzylphthalate	13.37	149	289086	27.921	ng	96
80) Benzo(a)anthracene	13.96	228	392753	19.508	ng	98
81) 3,3'-Dichlorobenzidine	13.92	252	111265	16.949	ng	97
82) Chrysene	14.00	228	392870	20.668	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	443579	33.824	ng	99
84) Di-n-octyl phthalate	14.53	149	684062	29.248	ng	97
85) Indeno(1,2,3-cd)pyrene	16.94	276	71519	4.225	ng	98
87) Benzo(b)fluoranthene	15.02	252	245263	12.602	ng	99
88) Benzo(k)fluoranthene	15.04	252	226012	11.944	ng	99
89) Benzo(a)pyrene	15.39	252	175723	9.794	ng	98
90) Dibenzo(a,h)anthracene	16.93	278	71246	4.625	ng	97
91) Benzo(g,h,i)perylene	17.41	276	56903	3.731	ng	97

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

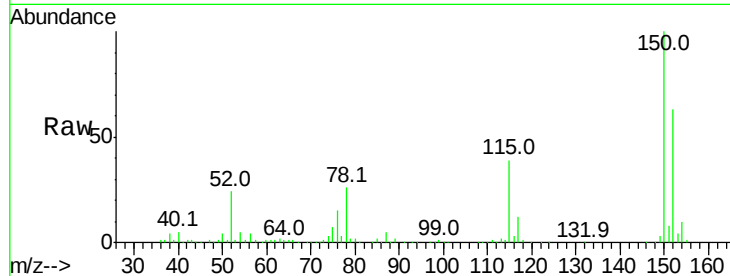


#1

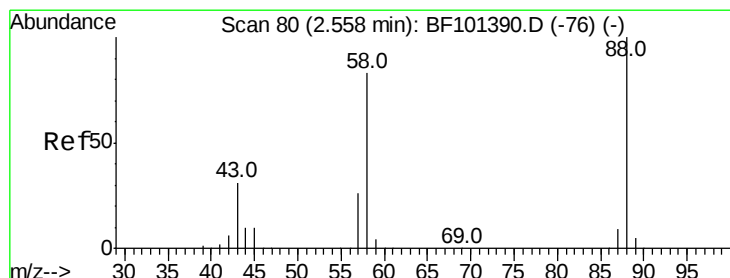
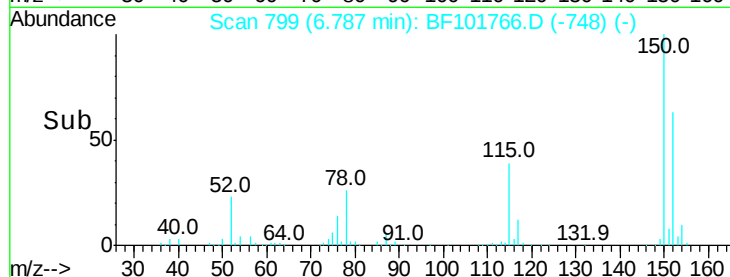
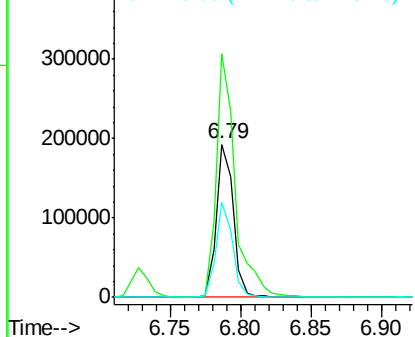
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161076
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.8 50.1 75.1



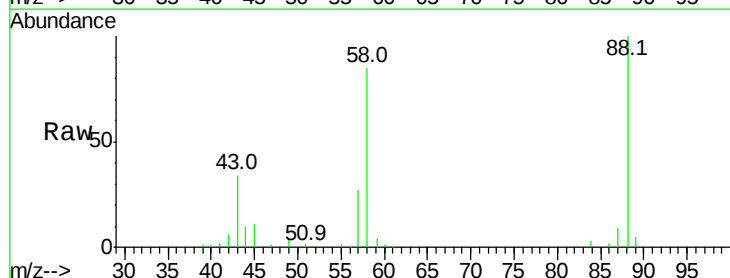
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



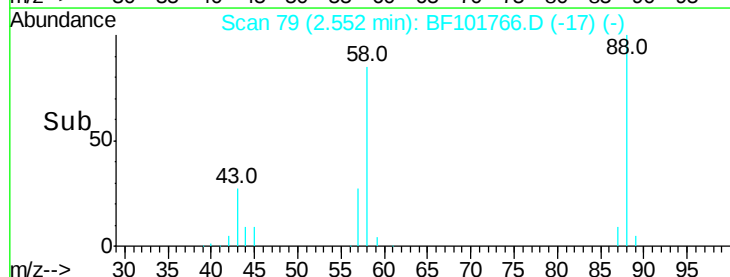
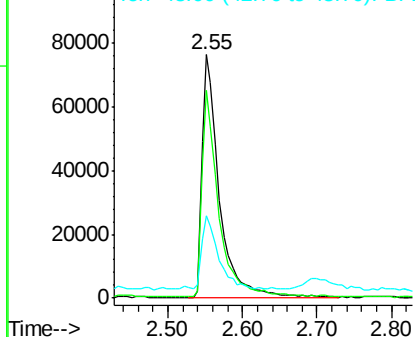
#2

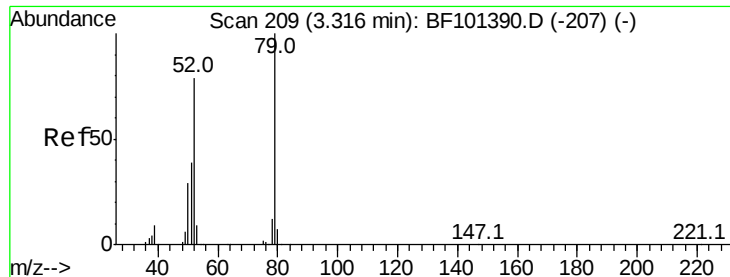
1,4-Dioxane
Concen: 22.621 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.06 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion: 88 Resp: 125693
Ion Ratio Lower Upper
88 100
58 81.4 62.6 93.8
43 29.1 24.6 37.0



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

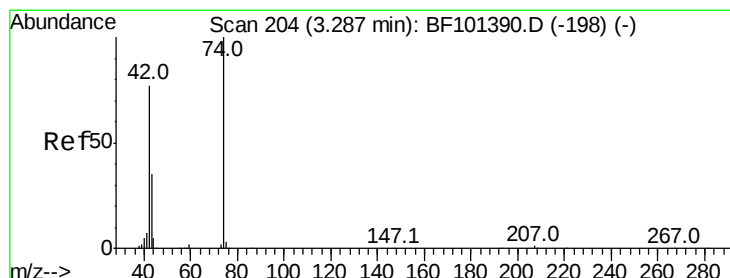
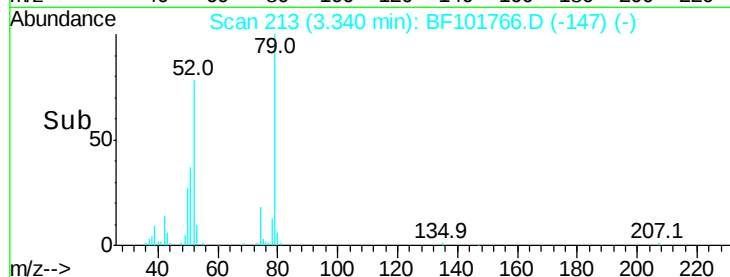
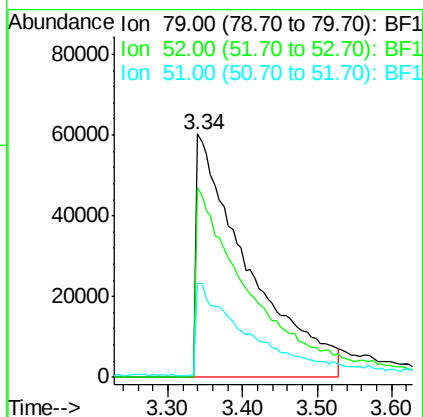
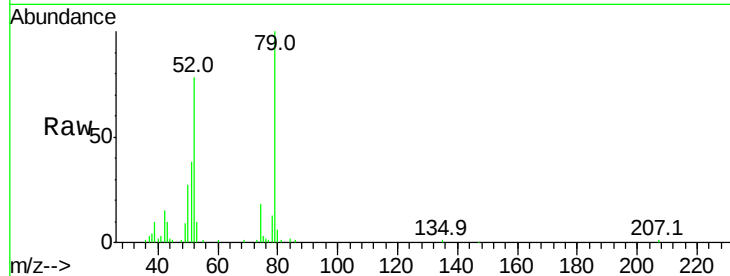




#3
 Pvridine
 Concen: 18.837 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.09 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

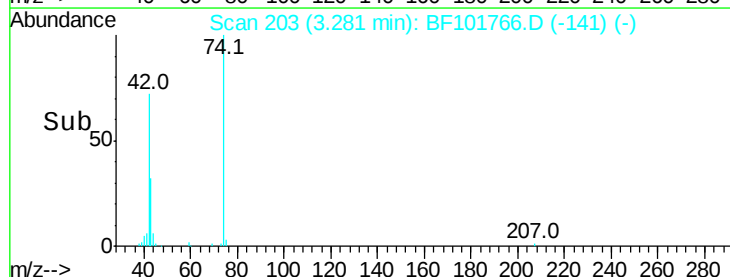
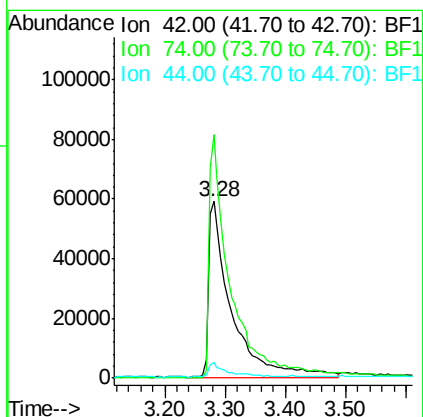
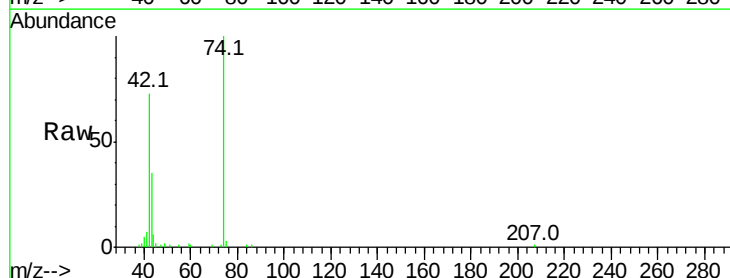
Instrument :
 BNA_F
 ClientSampleId :

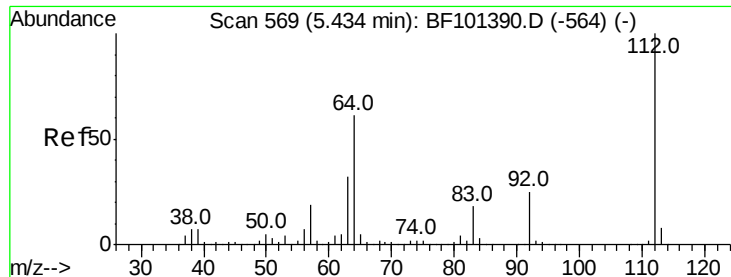
Tot Ion	Ratio	Lower	Upper
79	100		
52	77.9	59.8	89.6
51	38.4	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 21.600 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.06 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.6	104.9	157.3
44	8.6	6.9	10.3





#5

2-Fluorophenol

Concen: 82.786 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampled :

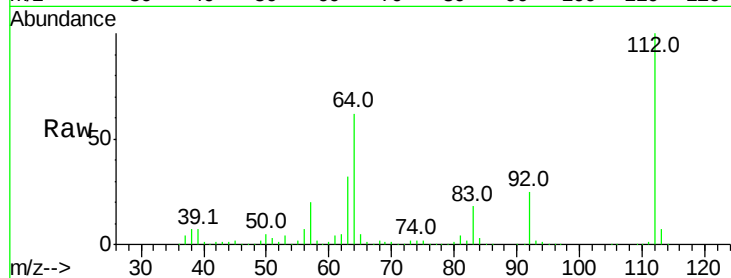
Tot Ion:112 Resp: 895205

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

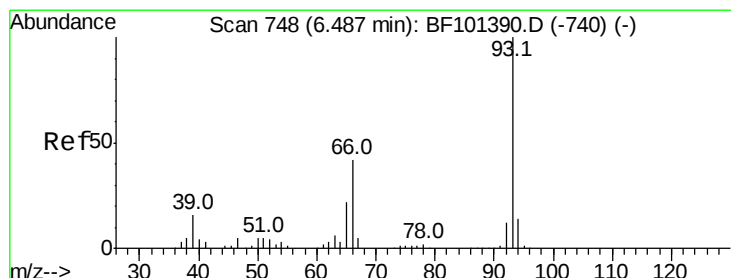
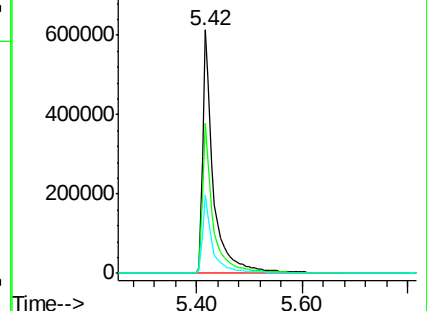
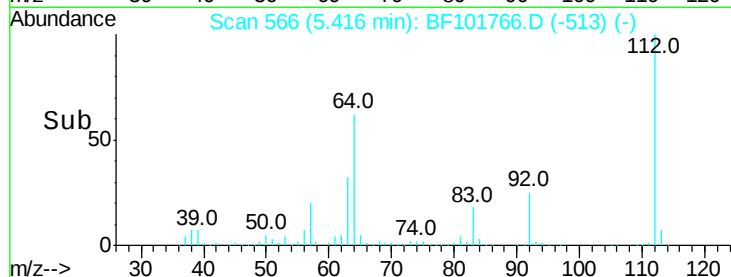
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.098 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

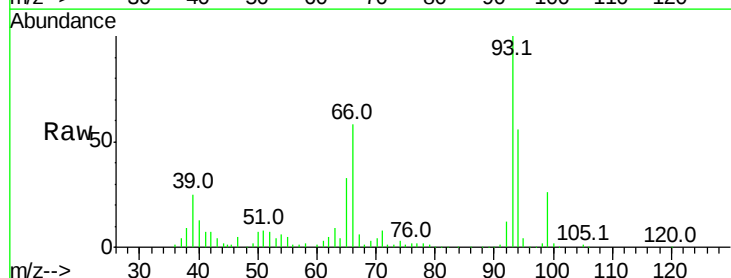
Tgt Ion: 93 Resp: 282371

Ion Ratio Lower Upper

93 100

66 57.7 32.2 48.2#

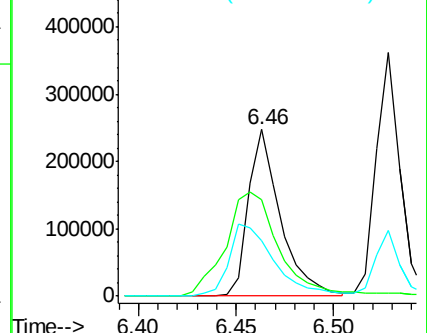
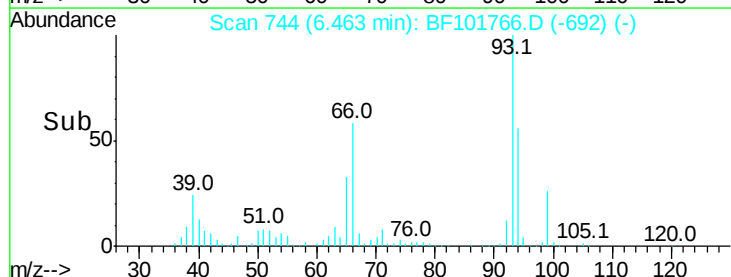
65 33.1 16.4 24.6#

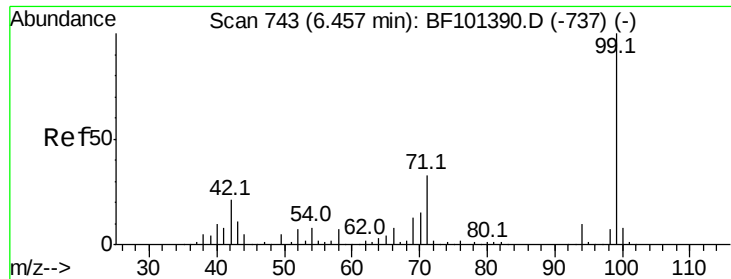


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.795 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampled :

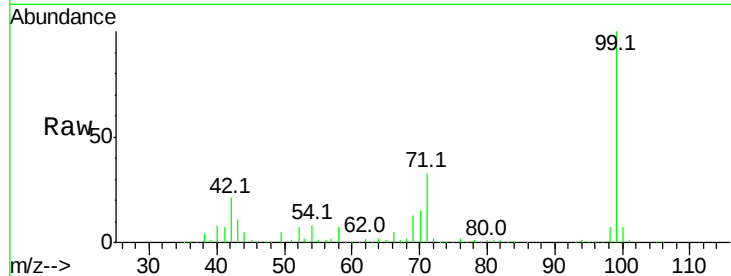
Tot Ion: 99 Resp: 993126

Ion Ratio Lower Upper

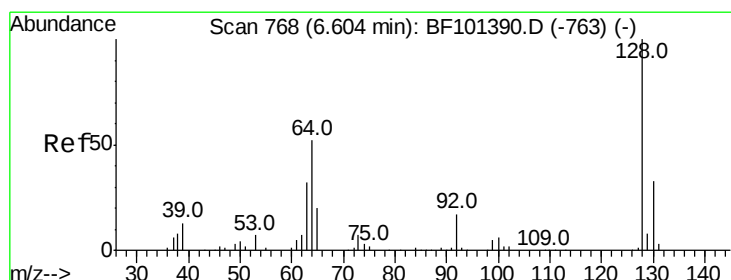
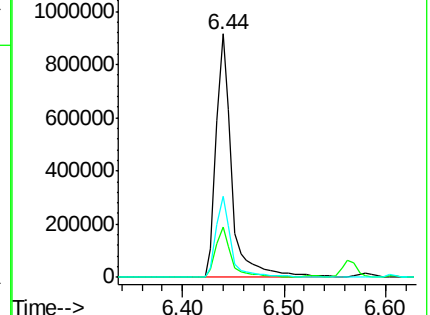
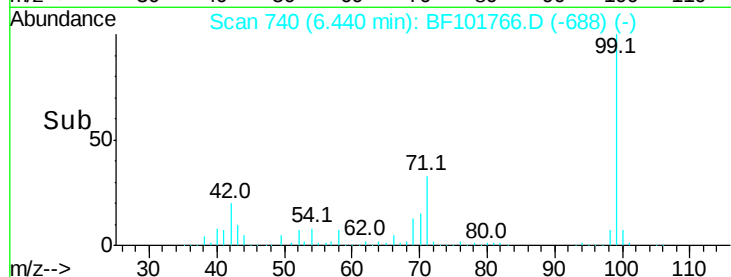
99 100

42 20.6 14.5 21.7

71 33.4 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: 26.358 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

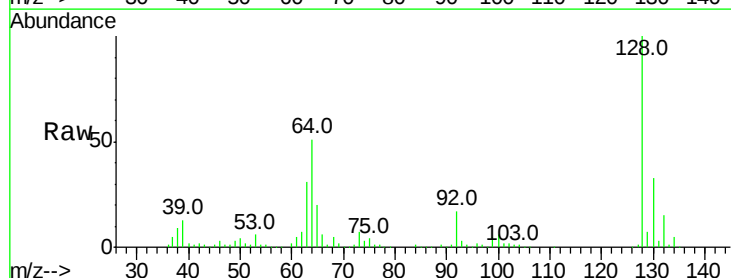
Tgt Ion: 128 Resp: 299825

Ion Ratio Lower Upper

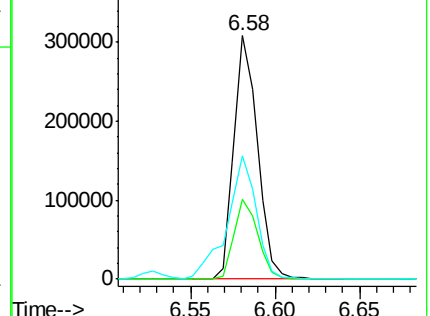
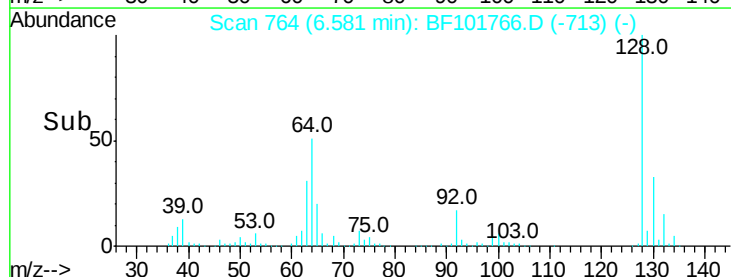
128 100

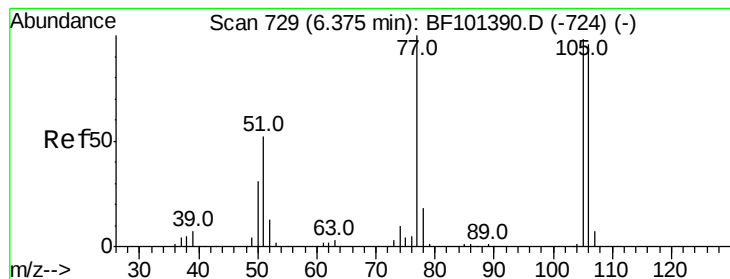
130 32.5 13.0 53.0

64 50.8 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: 18.339 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

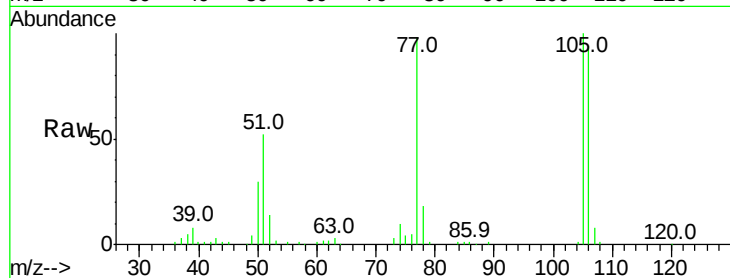
Tot Ion: 77 Resp: 182267

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

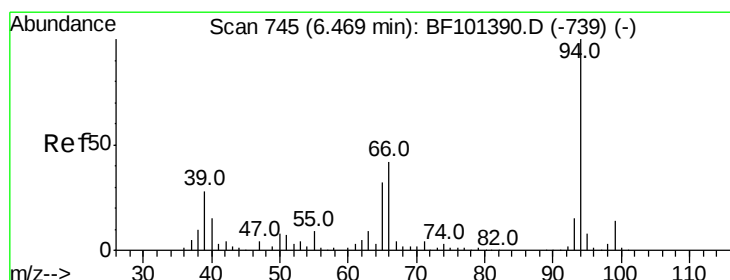
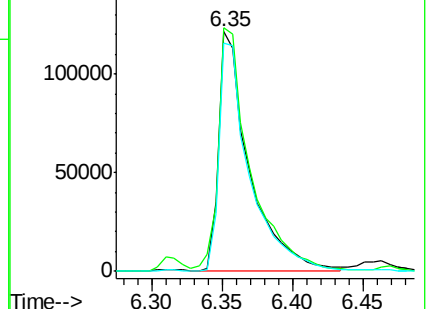
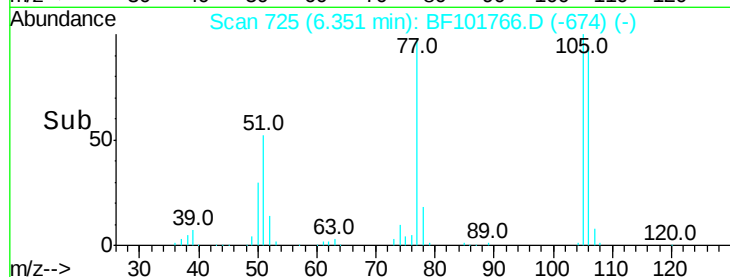
106 95.3 74.5 114.5



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: 26.780 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

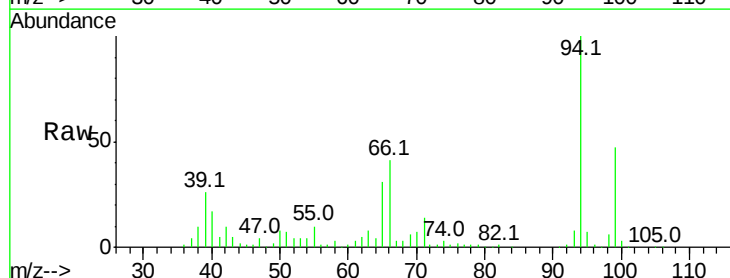
Tgt Ion: 94 Resp: 410773

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

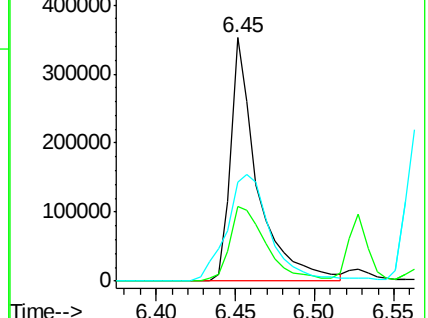
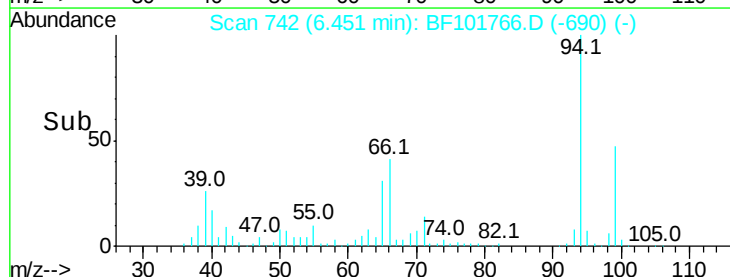
66 40.6 16.2 56.2

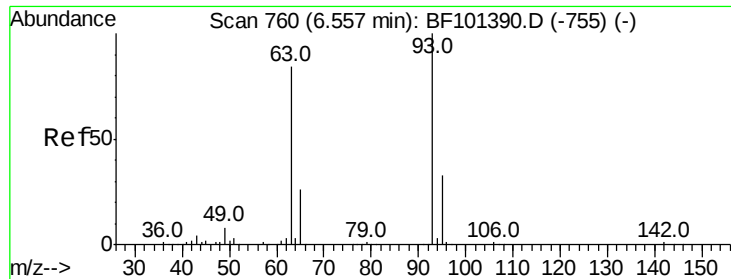


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

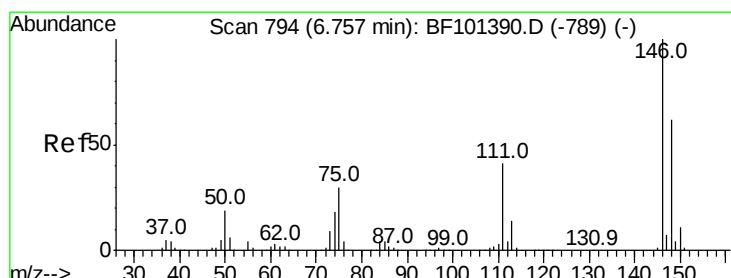
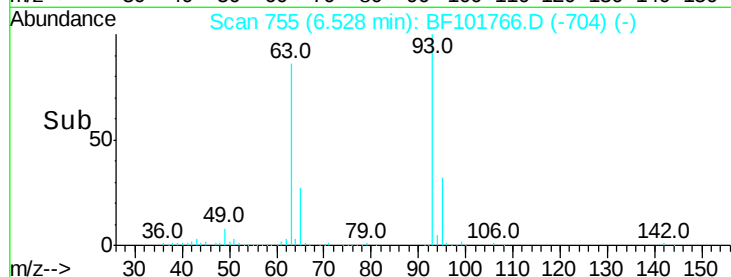
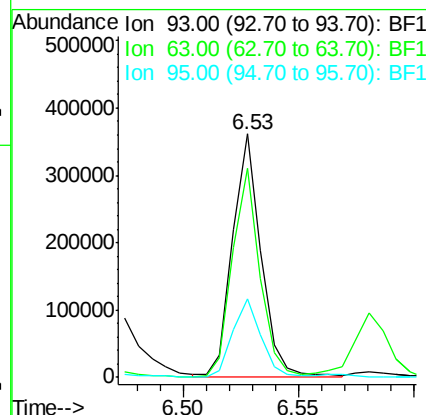
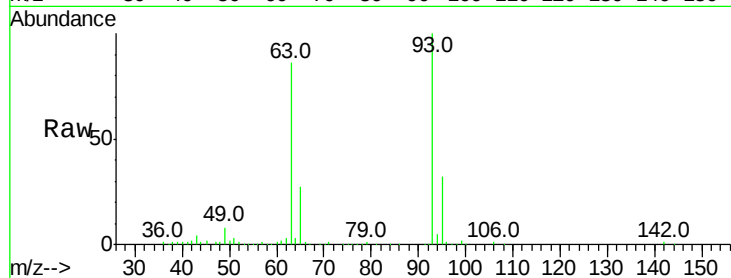




#11
bis(2-Chloroethyl)ether
Concen: 25.914 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

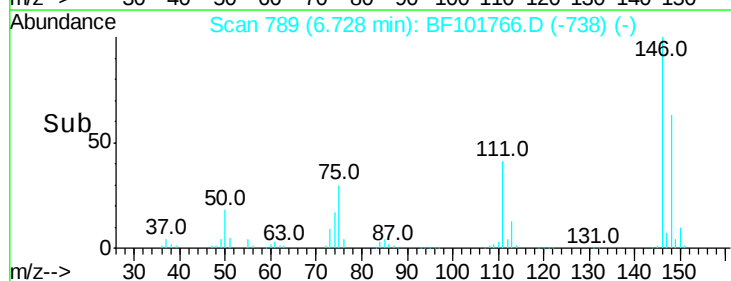
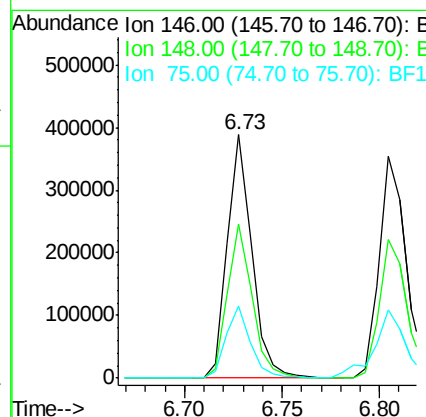
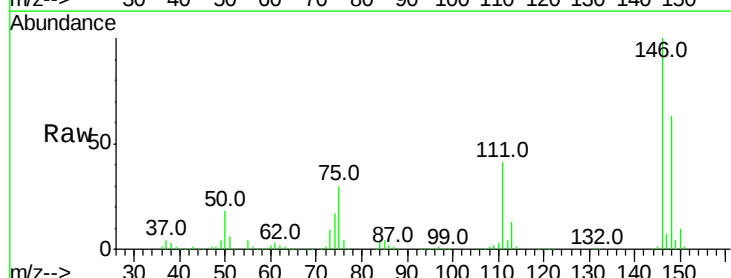
Instrument :
BNA_F
ClientSampleId :

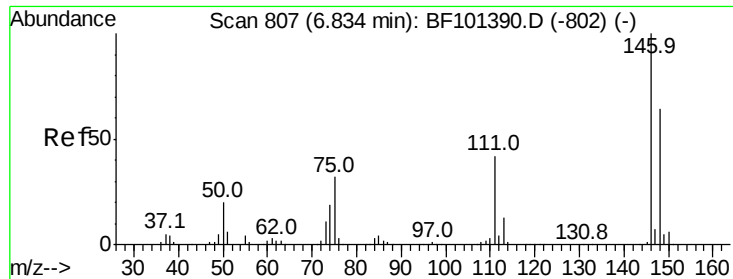
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	58.6	98.6
95	32.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 26.537 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	29.5	24.2	36.4

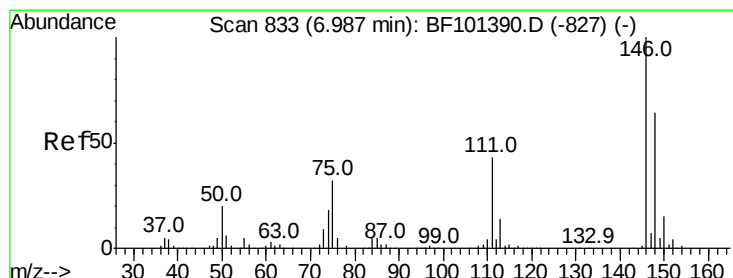
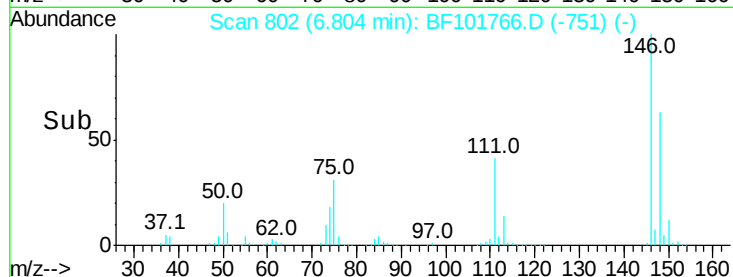
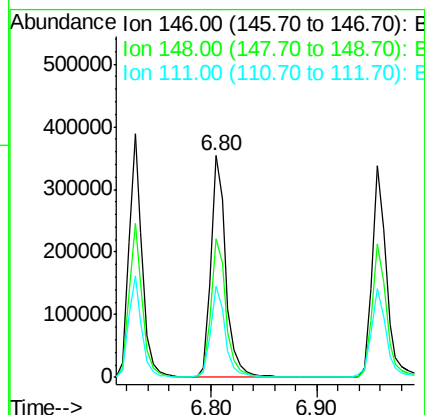
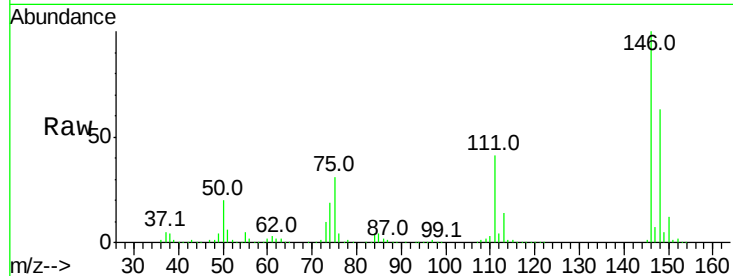




#13
 1,4-Dichlorobenzene
 Concen: 26.889 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

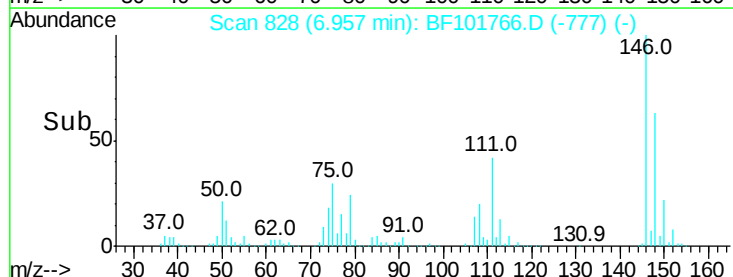
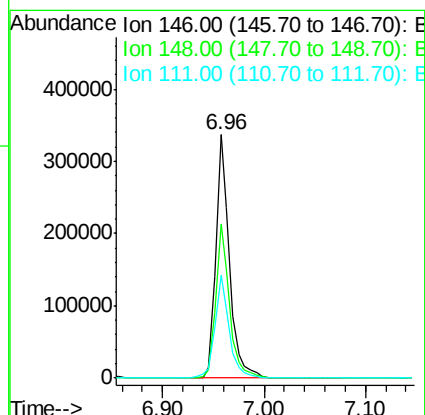
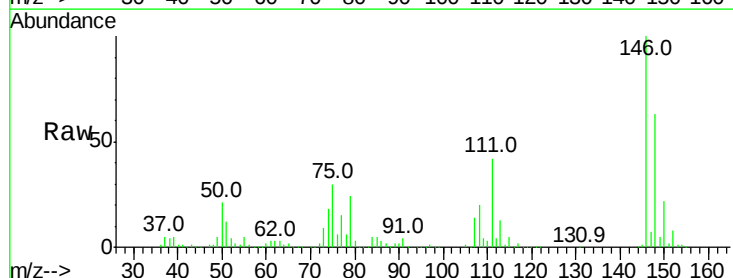
Instrument :
 BNA_F
 ClientSampleId :

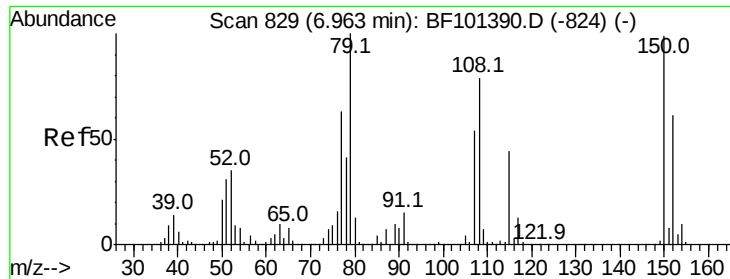
Tot Ion:146 Resp: 352515
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 41.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 26.628 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Tgt Ion:146 Resp: 314234
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 42.0 36.0 54.0

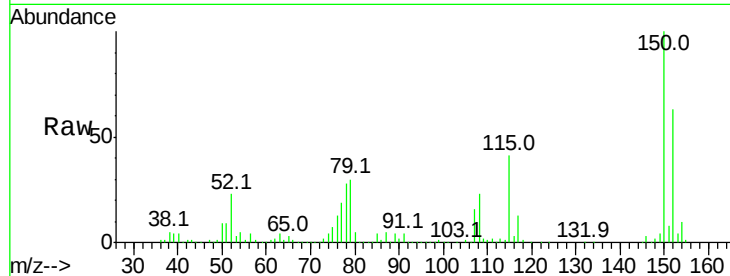




#15
Benzyl Alcohol
Concen: 25.815 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	65.1	97.7
77	63.7	50.6	75.8

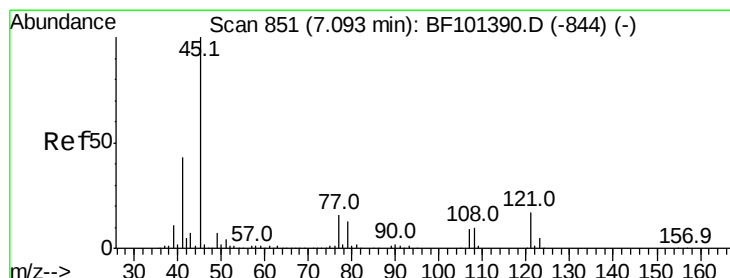
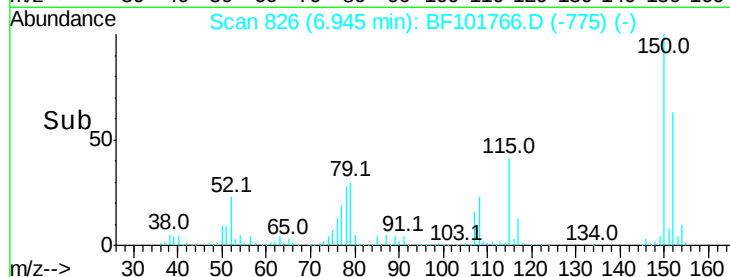
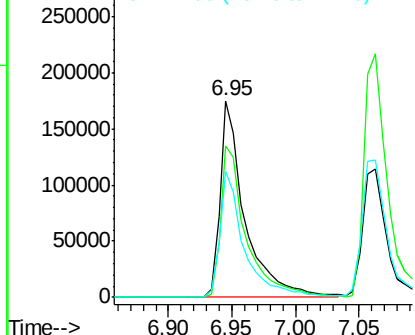


Abundance

Ion 79.00 (78.70 to 79.70): BF1

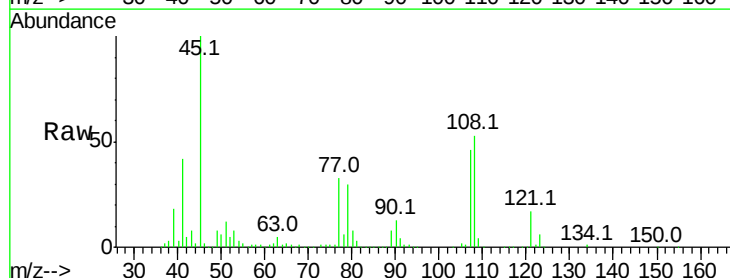
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.987 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.5	0.0	32.9
79	29.6	0.0	29.6

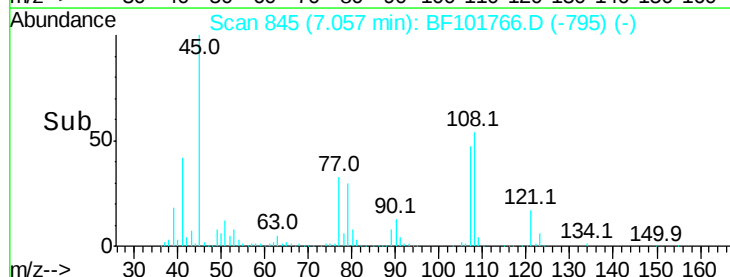
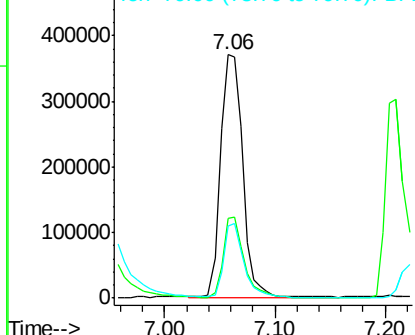


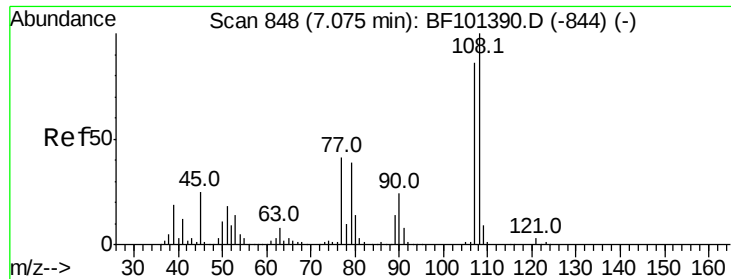
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

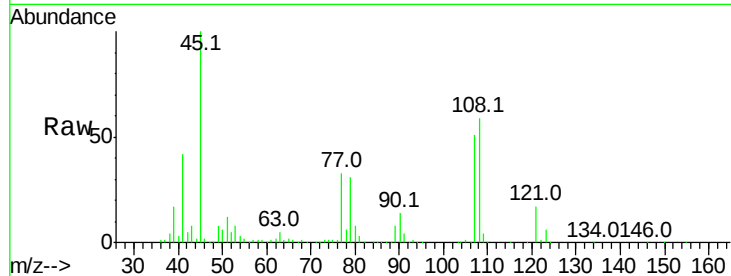




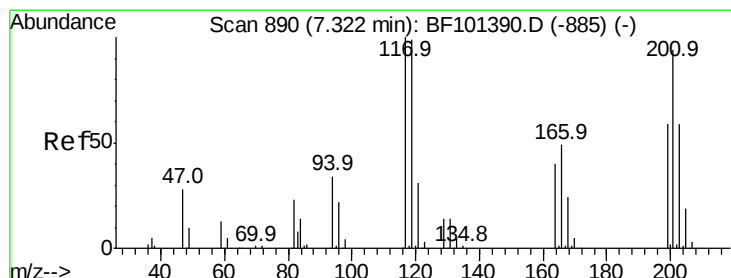
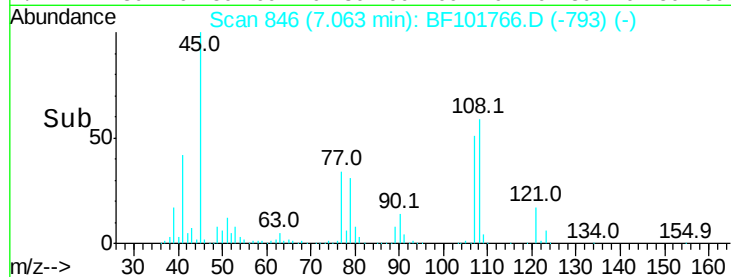
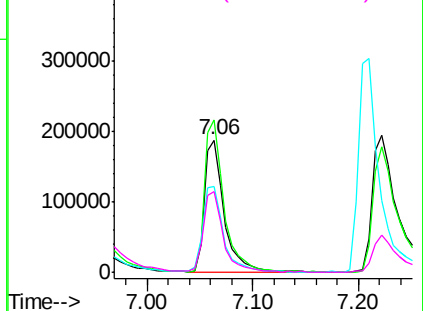
#17
2-Methylphenol
Concen: 22.799 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 238561
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 65.3 33.8 50.8#
79 61.0 33.8 50.8#

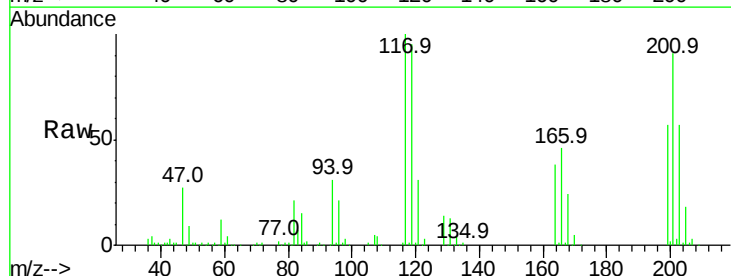


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

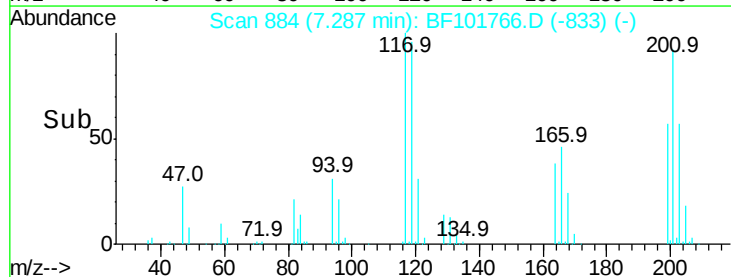
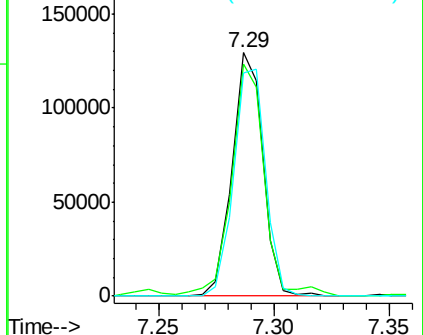


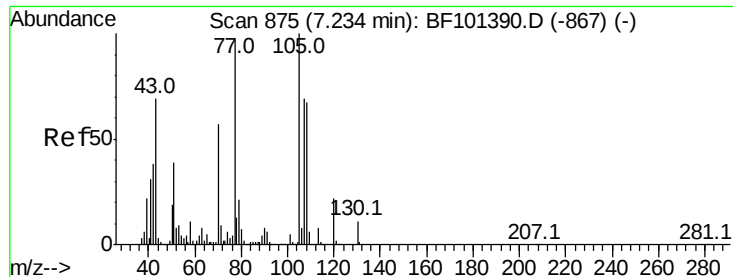
#18
Hexachloroethane
Concen: 26.454 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:117 Resp: 120580
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 91.4 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

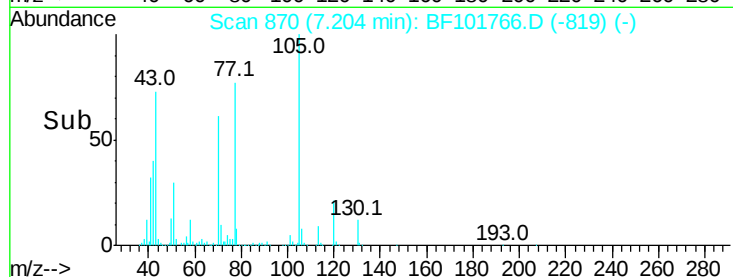
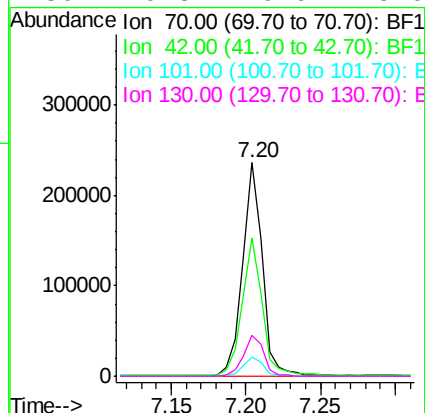
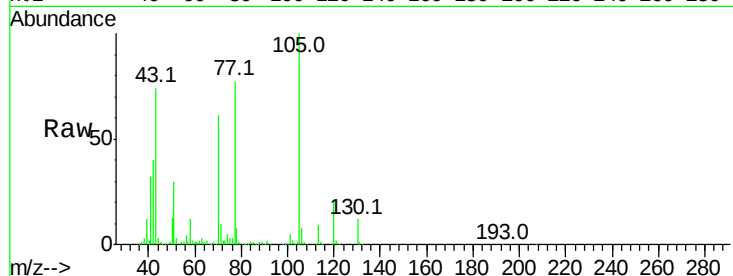




#19
n-Nitroso-di-n-propylamine
Concen: 24.799 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

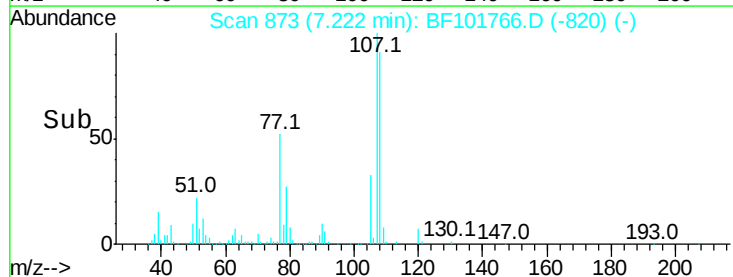
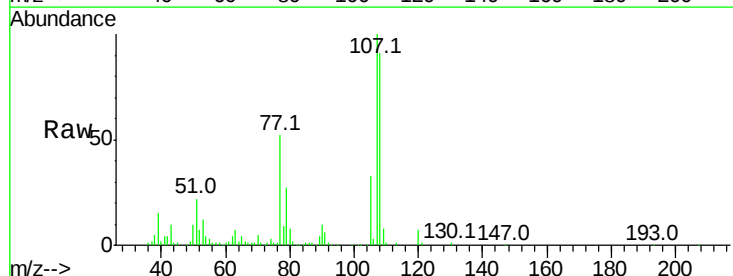
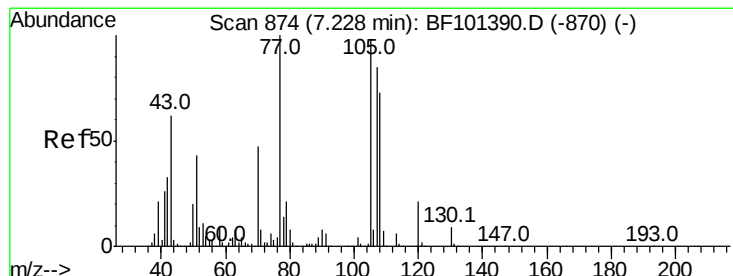
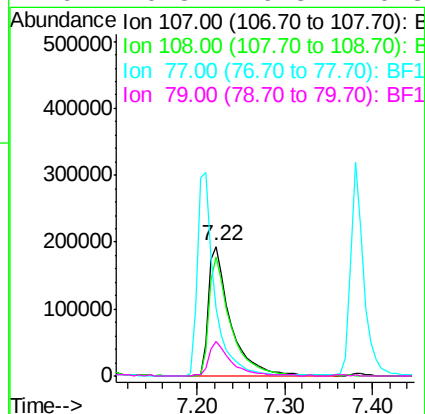
Instrument :
BNA_F
ClientSampleId :

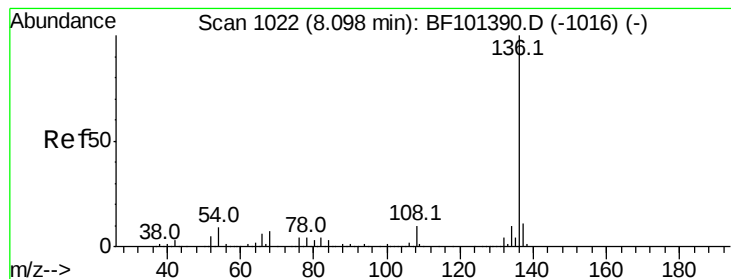
Tot Ion:	70	Resp:	219175
Ion	Ratio	Lower	Upper
70	100		
42	64.8	47.5	71.3
101	8.8	7.4	11.2
130	19.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.075 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:	107	Resp:	333471
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	52.1	26.7	66.7
79	26.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 627078

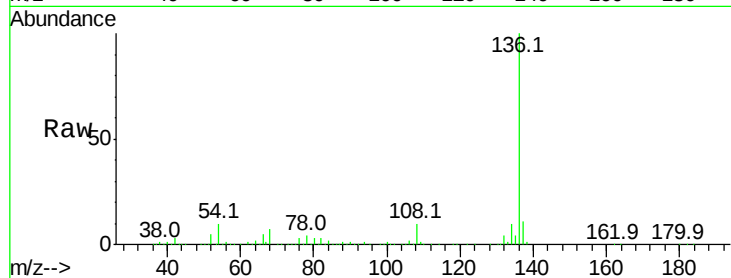
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 7.3 5.0 7.4

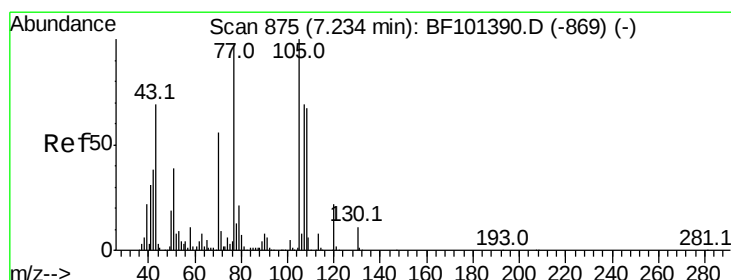
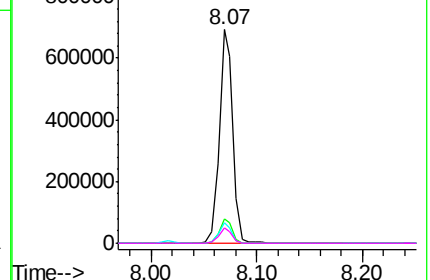
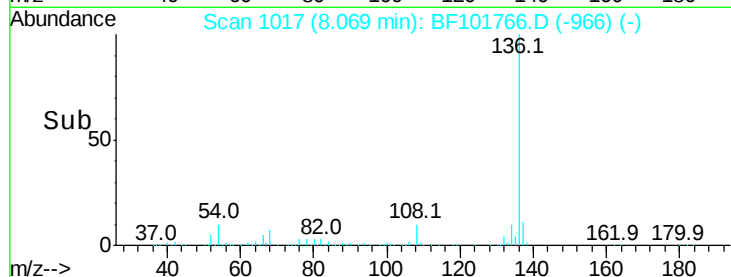


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.059 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Tgt Ion:105 Resp: 430095

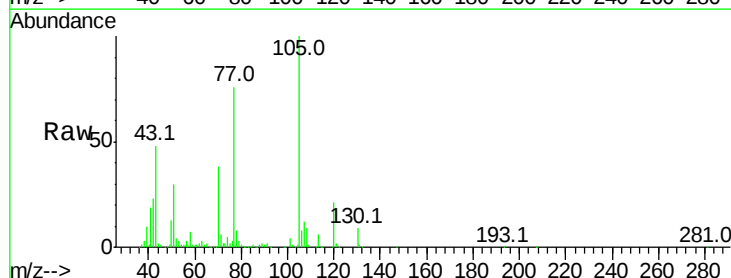
Ion Ratio Lower Upper

105 100

71 6.3 4.4 6.6

51 30.1 22.3 33.5

120 21.4 16.9 25.3

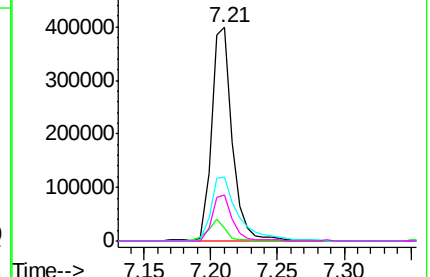
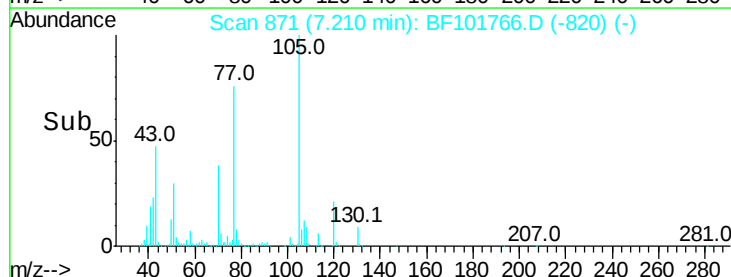


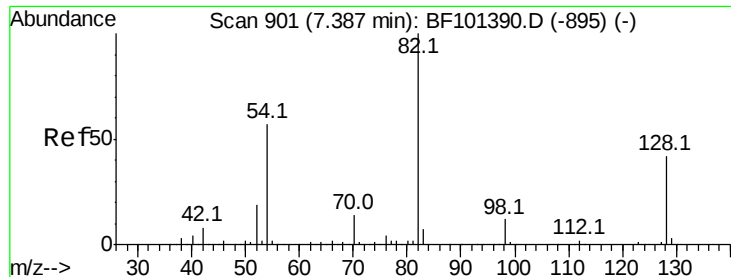
Abundance Ion 105.00 (104.70 to 105.70): E

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

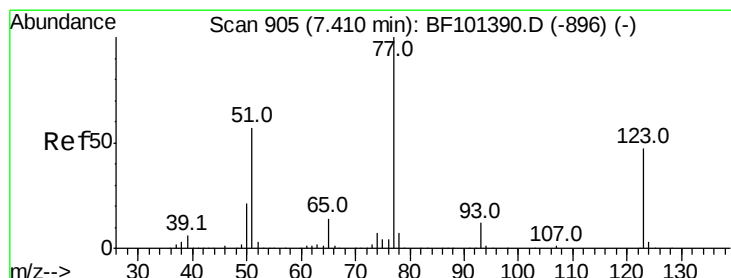
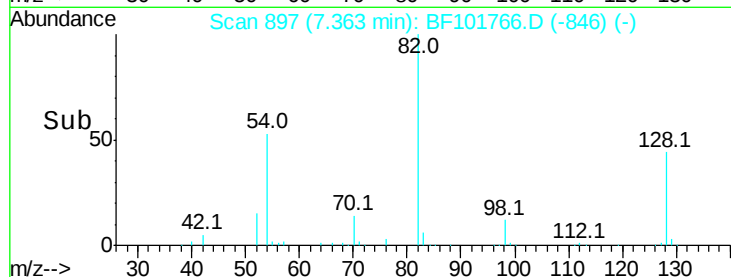
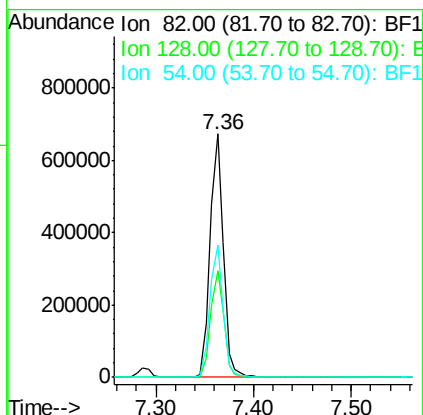
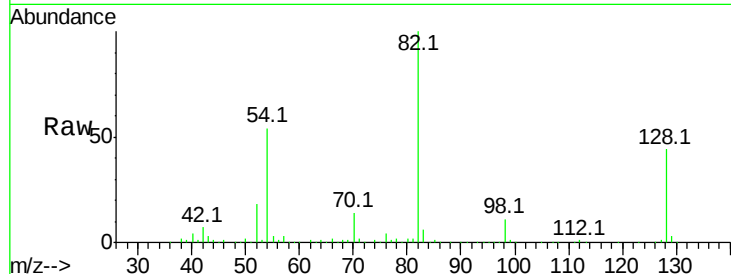




#23
Nitrobenzene-d5
Concen: 56.694 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

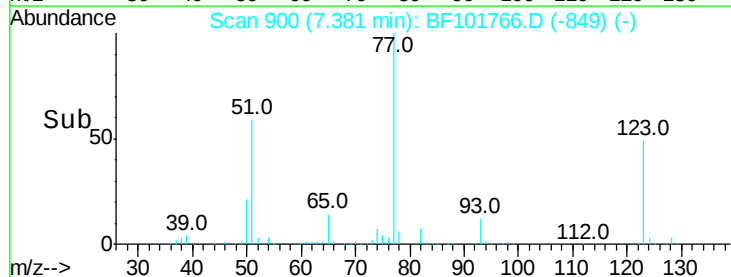
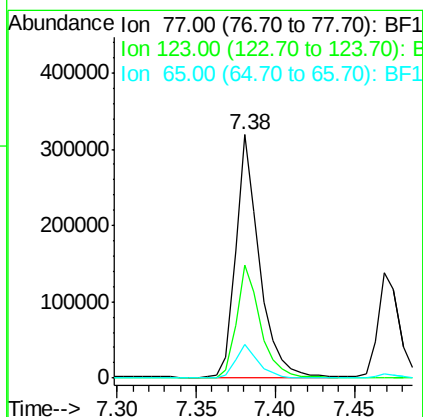
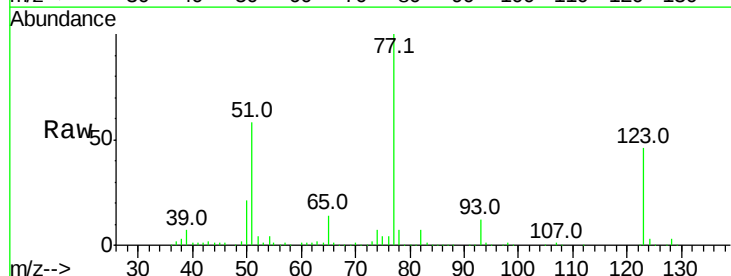
Instrument :
BNA_F
ClientSampled :

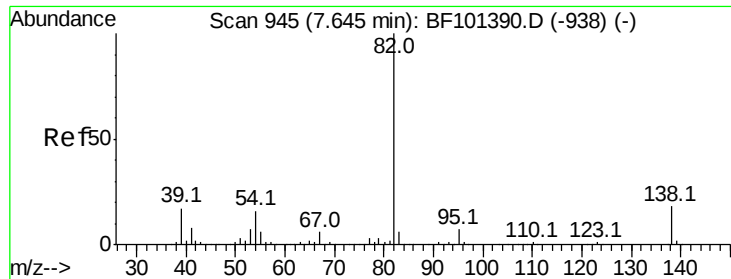
Tot Ion: 82 Resp: 638665
Ion Ratio Lower Upper
82 100
128 43.8 36.1 54.1
54 54.4 41.4 62.2



#24
Nitrobenzene
Concen: 26.389 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion: 77 Resp: 329005
Ion Ratio Lower Upper
77 100
123 46.5 37.9 56.9
65 13.9 11.0 16.4





#25

Isophorone

Concen: 26.338 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

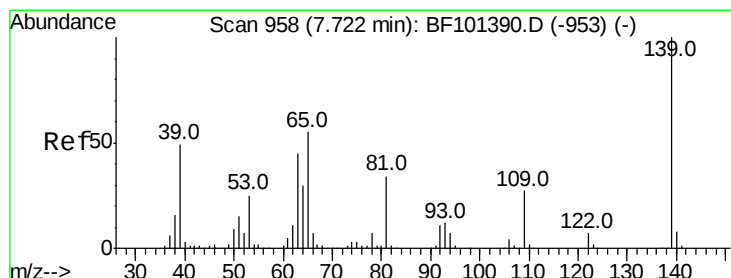
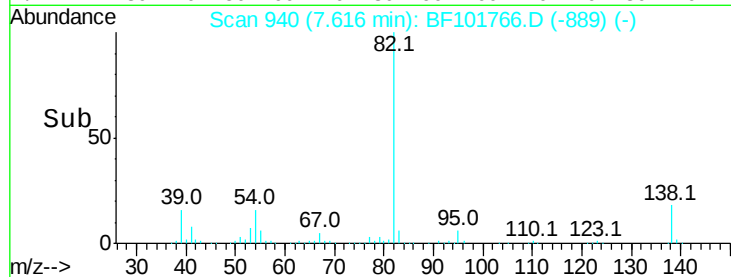
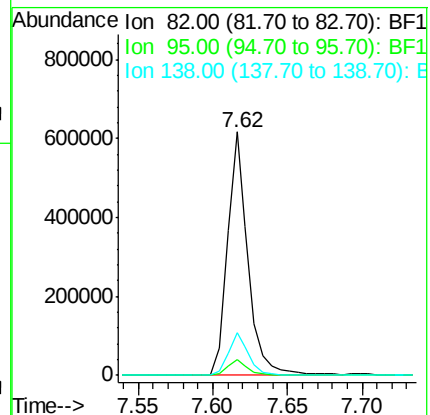
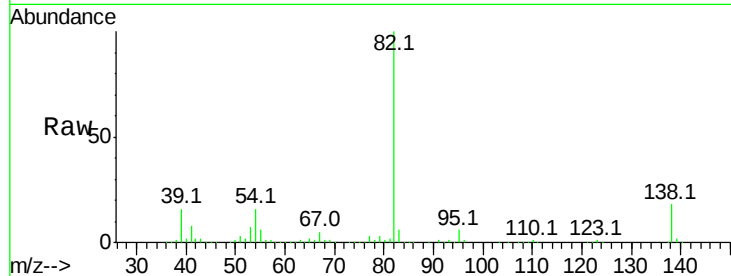
Tot Ion: 82 Resp: 595205

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 30.578 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

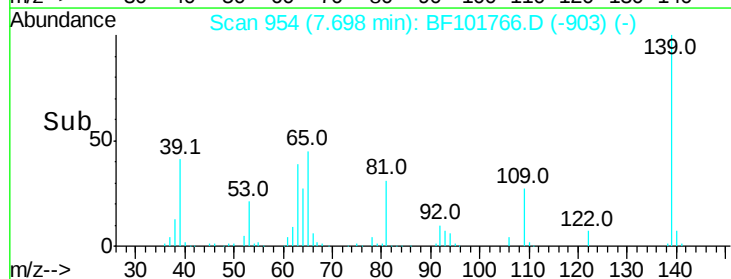
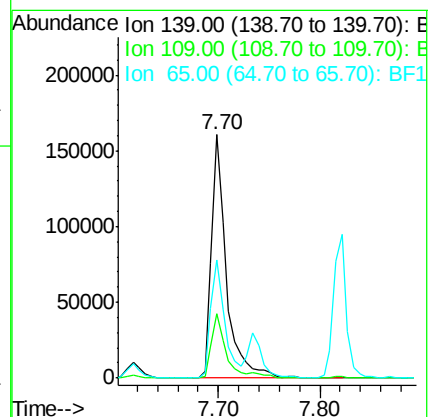
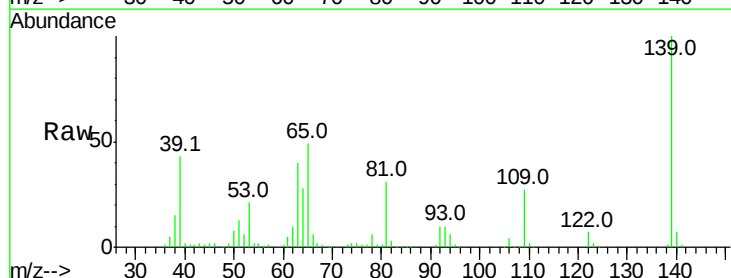
Tgt Ion: 139 Resp: 163784

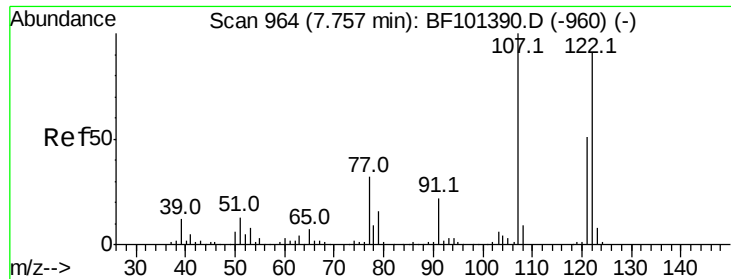
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 48.6 40.5 60.7

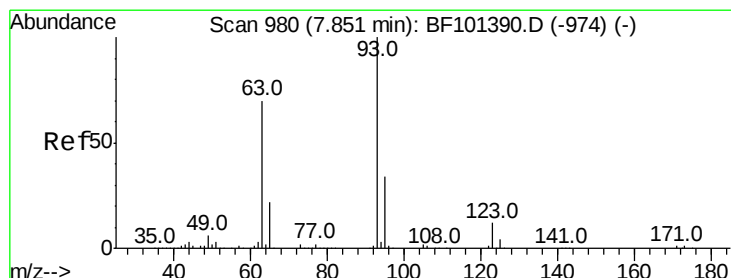
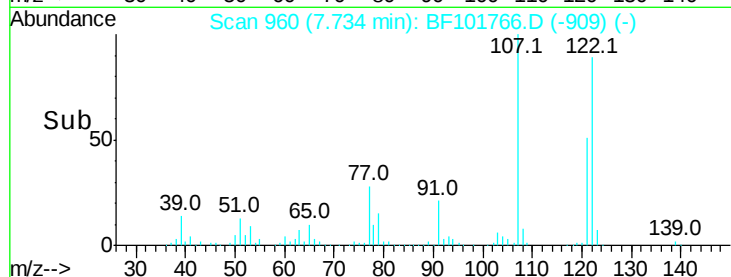
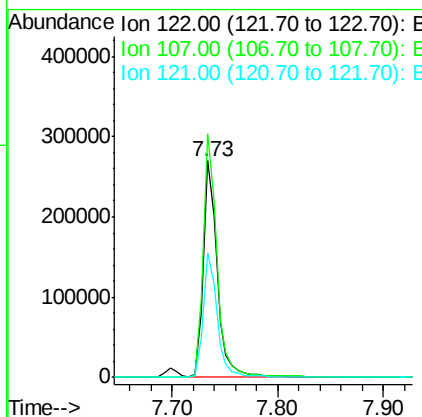
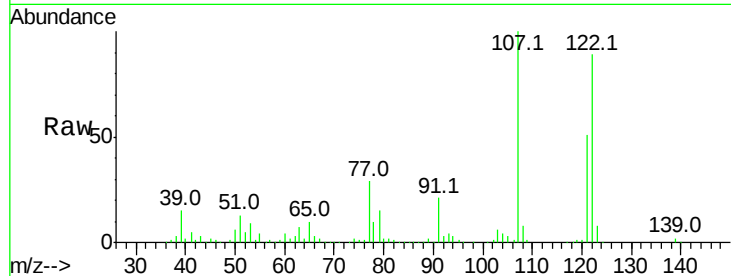




#27
2,4-Dimethylphenol
Concen: 27.187 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

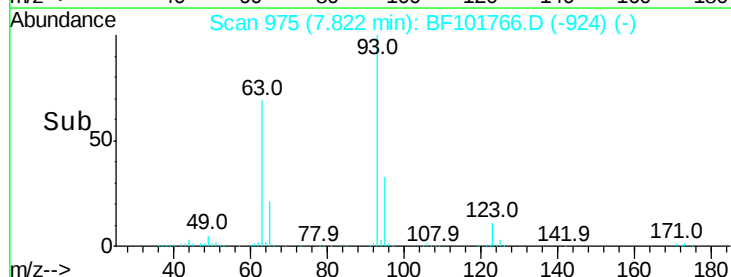
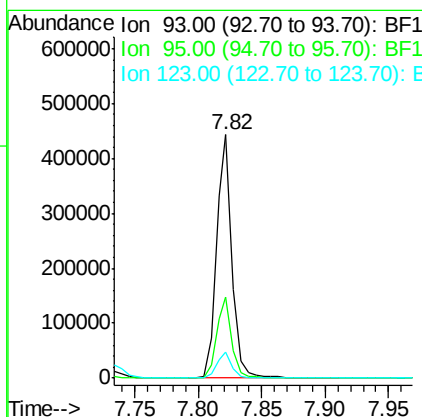
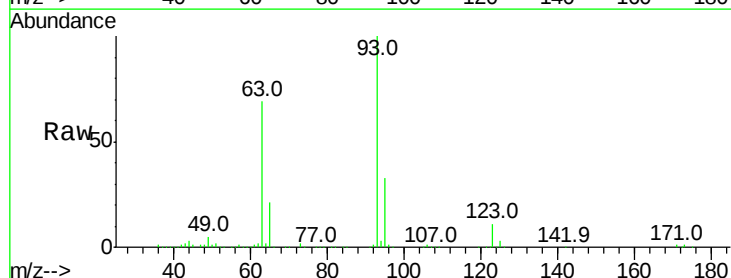
Instrument :
BNA_F
ClientSampleId :

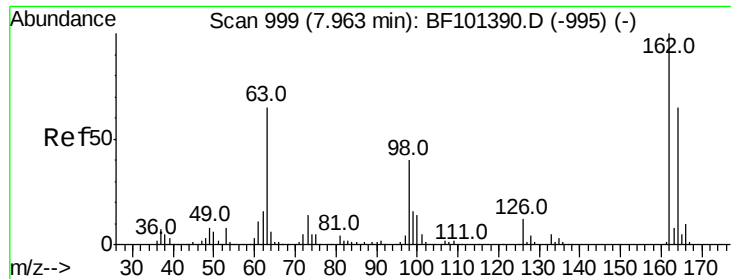
Tot Ion:122 Resp: 247393
Ion Ratio Lower Upper
122 100
107 112.5 91.2 136.8
121 57.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 26.515 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion: 93 Resp: 380629
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 10.7 9.8 14.6

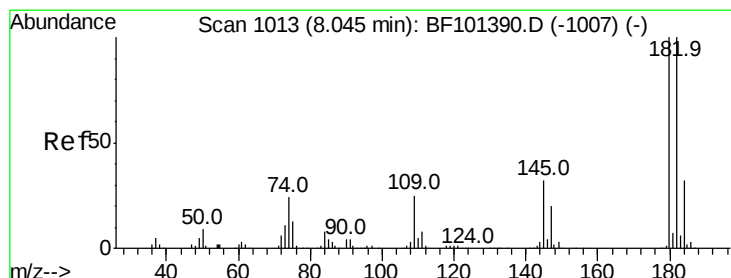
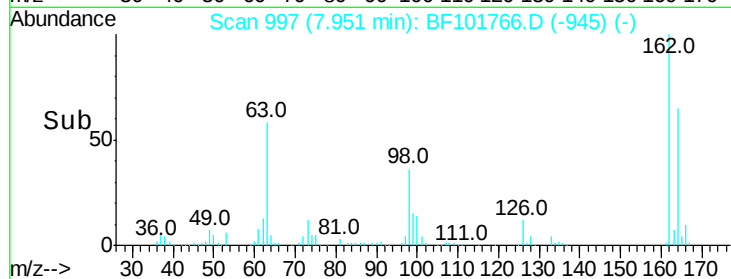
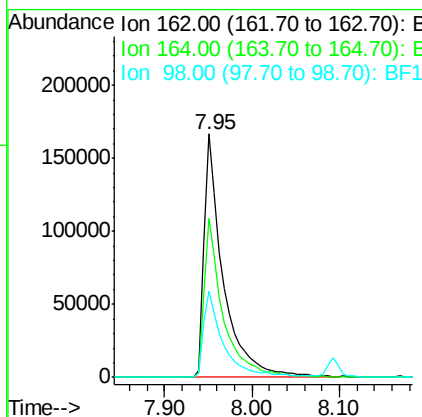
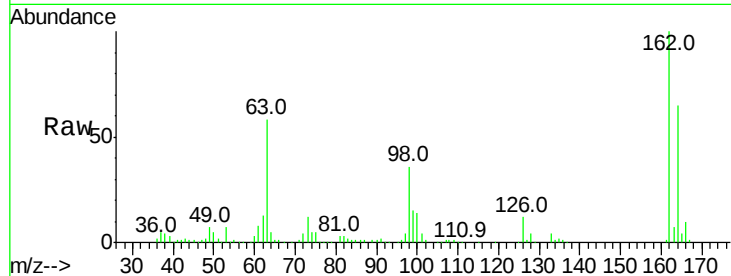




#29
 2,4-Dichlorophenol
 Concen: 28.139 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

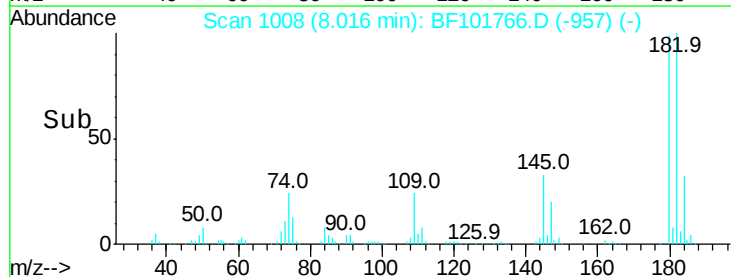
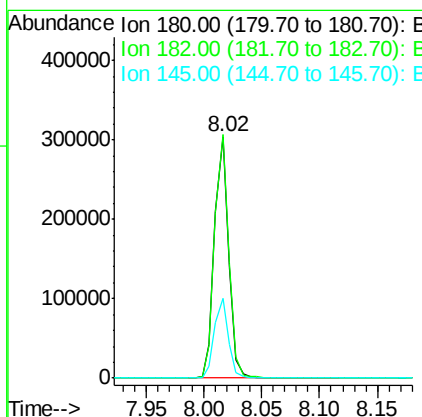
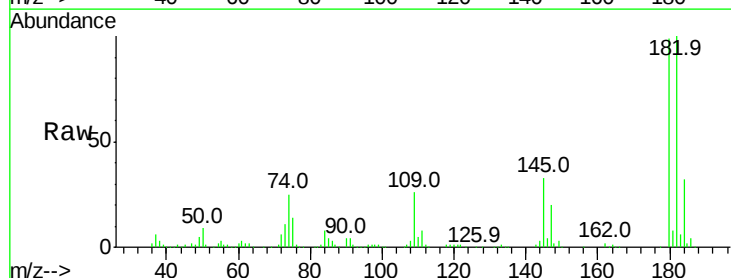
Instrument :
 BNA_F
 ClientSampleId :

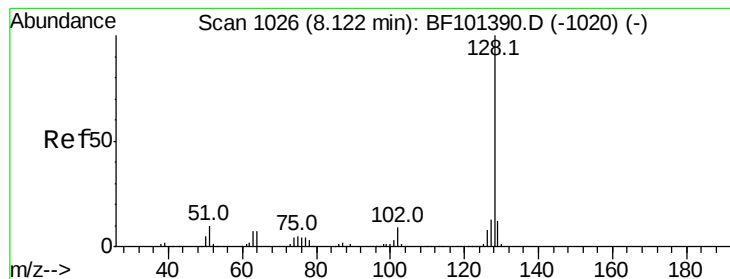
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.7	82.7
98	35.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 27.397 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	76.8	115.2
145	33.1	26.5	39.7





#31

Naphthalene

Concen: 27.577 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

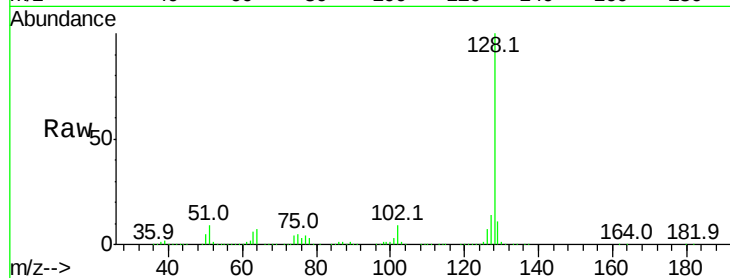
Tot Ion:128 Resp: 870578

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

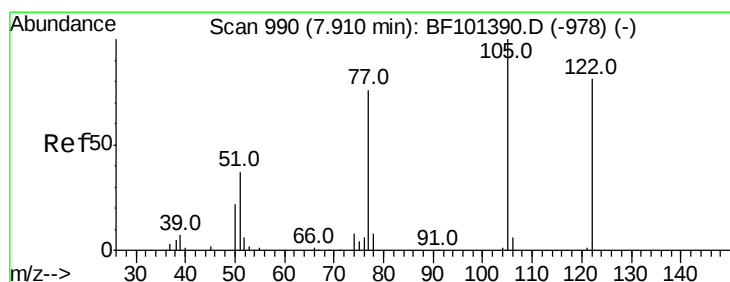
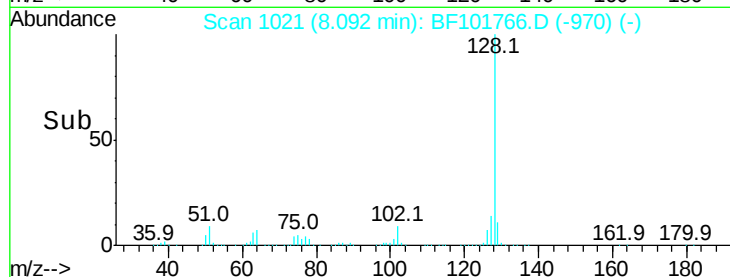
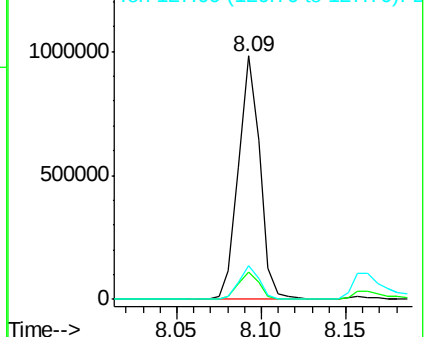
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.618 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.16 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

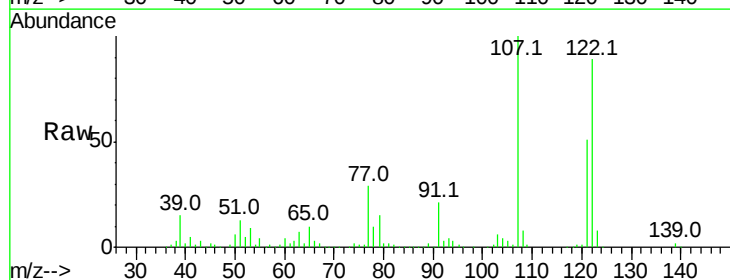
Tgt Ion:122 Resp: 247393

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

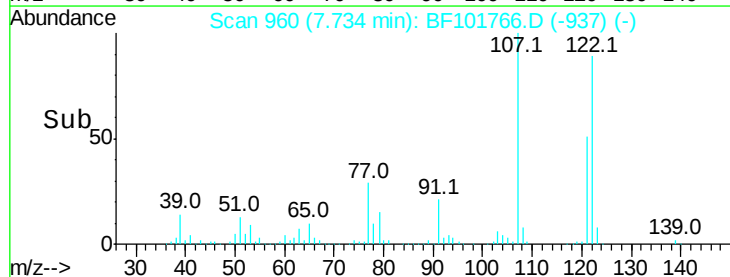
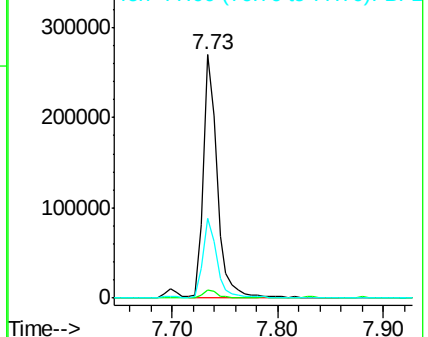
77 32.9 70.7 110.7#

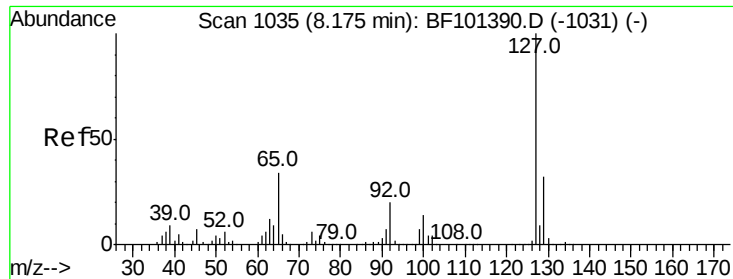


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

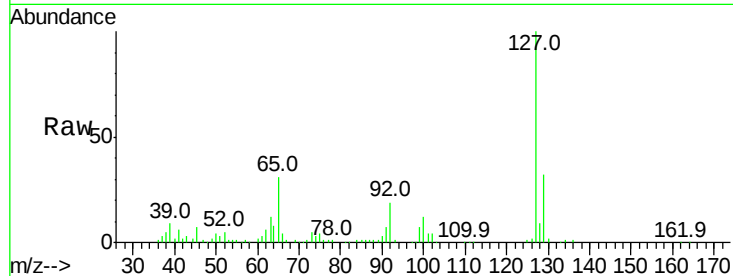




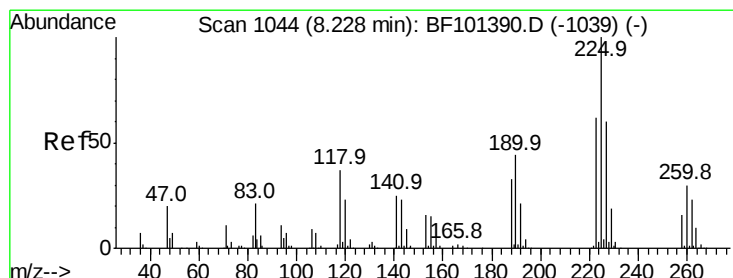
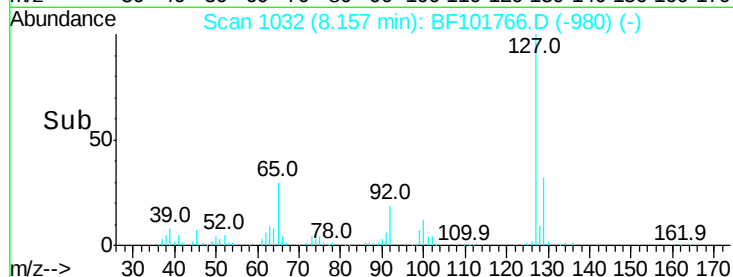
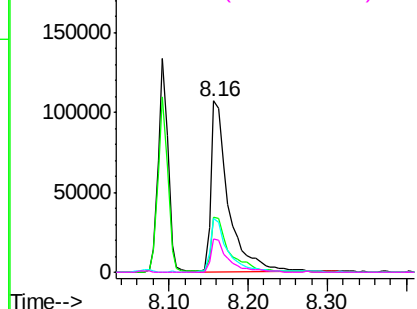
#33
4-Chloroaniline
Concen: 12.015 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	164853
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.2	25.0	37.4
92	19.2	15.2	22.8

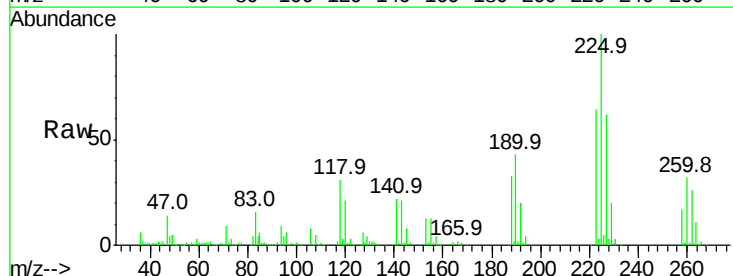


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

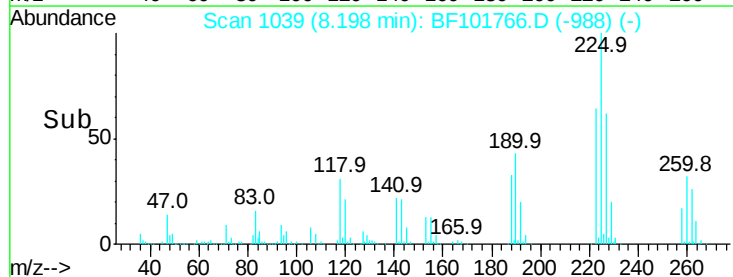
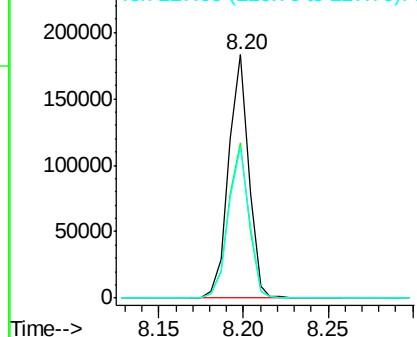


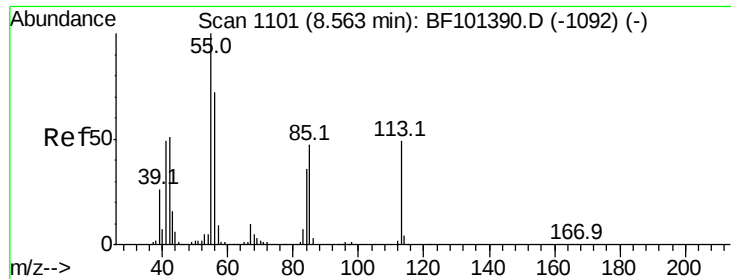
#34
Hexachlorobutadiene
Concen: 27.665 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:	225	Resp:	151801
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	62.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.102 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

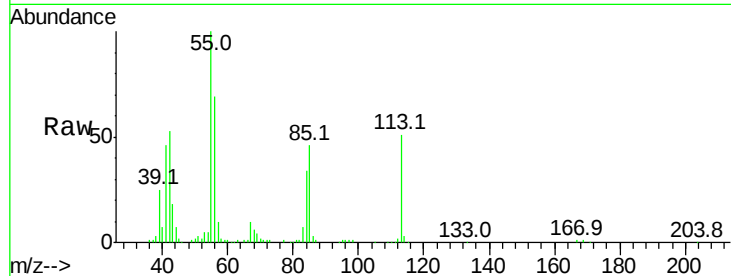
Tot Ion:113 Resp: 81479

Ion Ratio Lower Upper

113 100

55 198.0 163.3 203.3

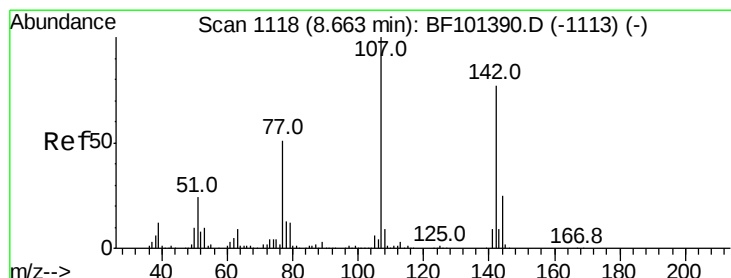
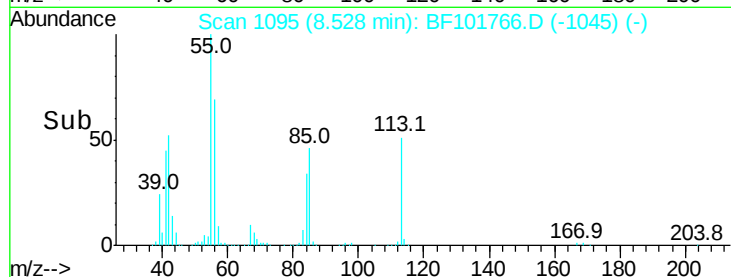
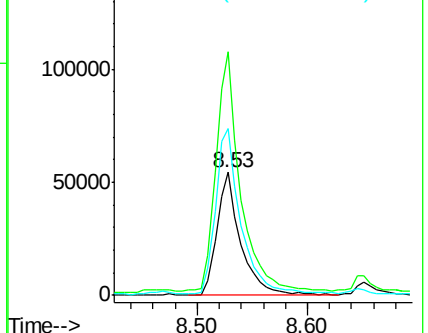
56 135.7 115.7 155.7



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: 26.323 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

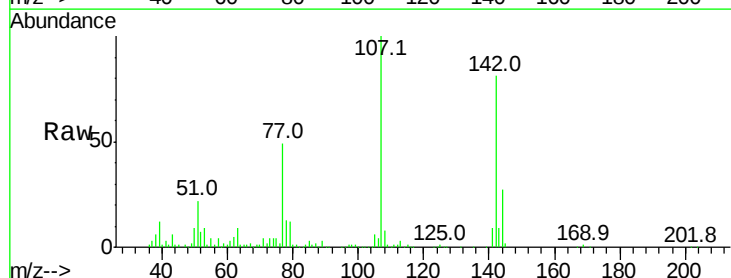
Tgt Ion:107 Resp: 260096

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

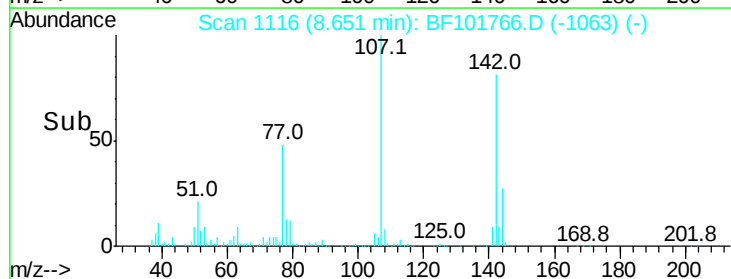
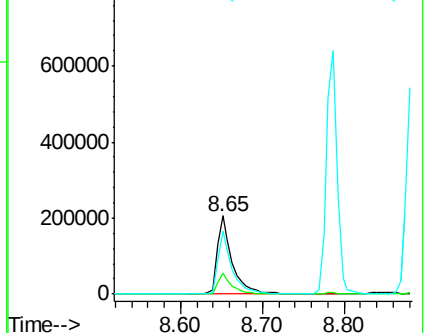
142 80.7 62.0 93.0

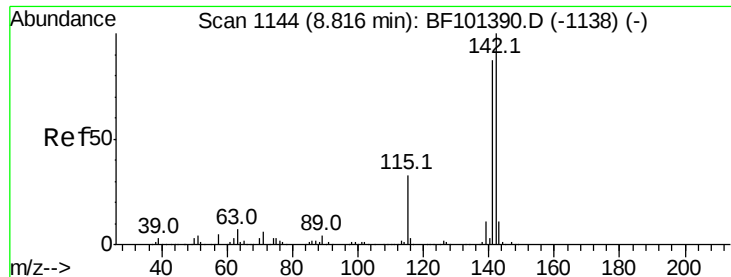


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

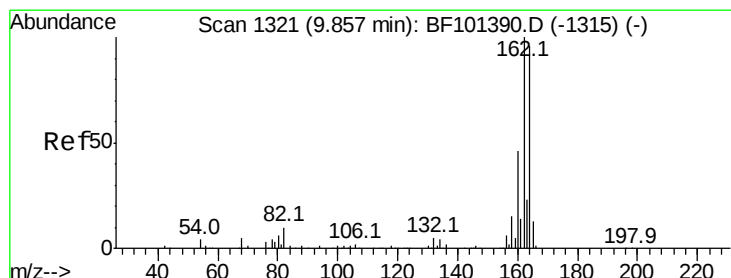
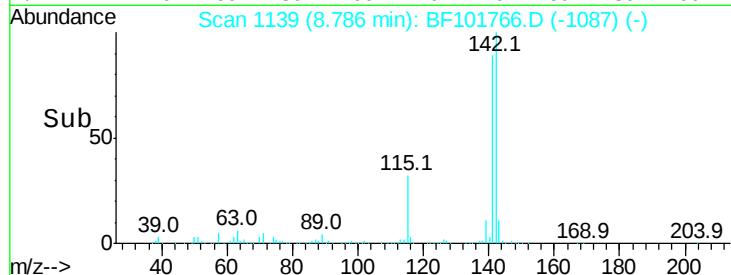
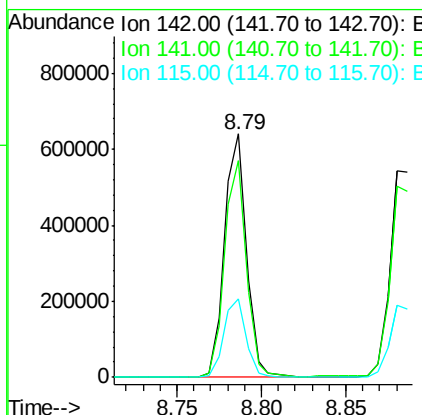
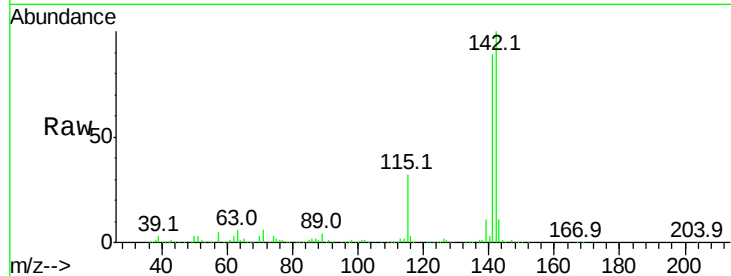




#37
 2-Methylnaphthalene
 Concen: 28.180 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

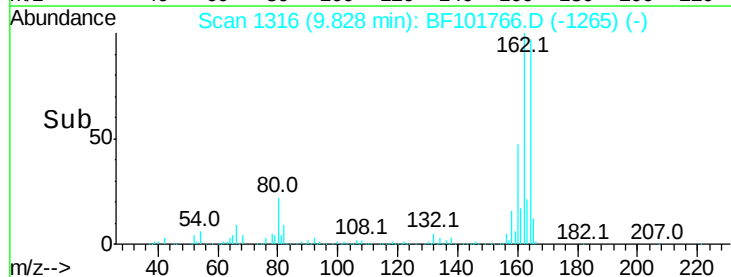
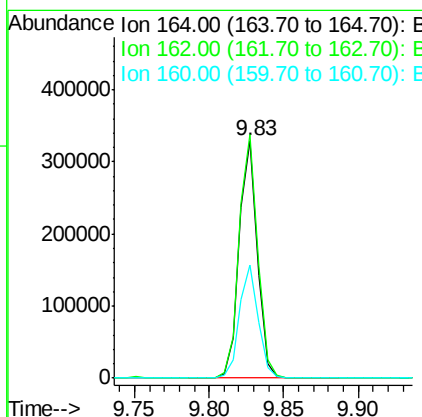
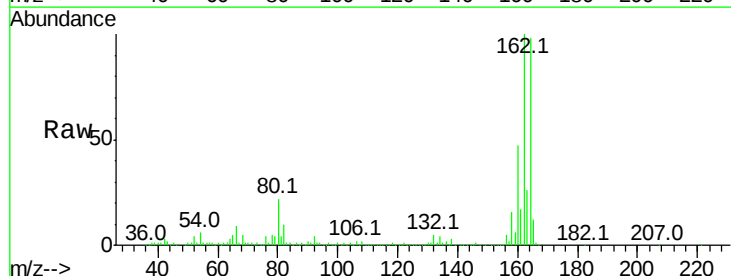
Instrument :
 BNA_F
 ClientSampleId :

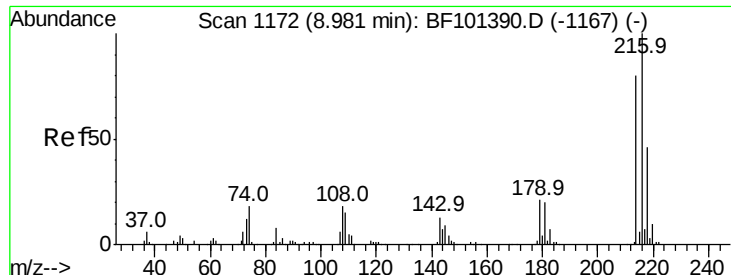
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	32.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	47.7	38.3	57.5

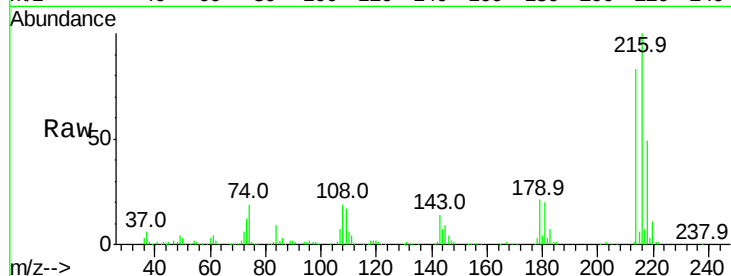




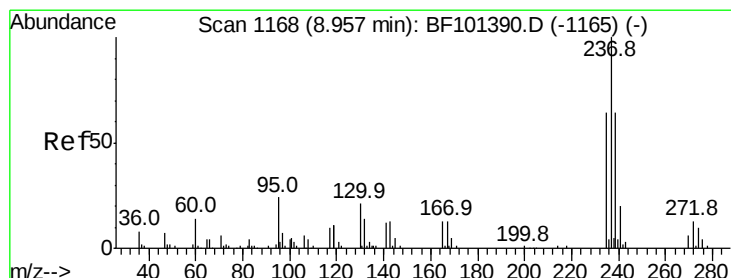
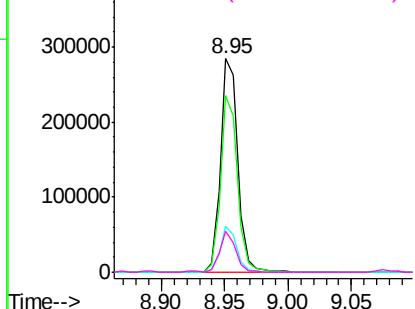
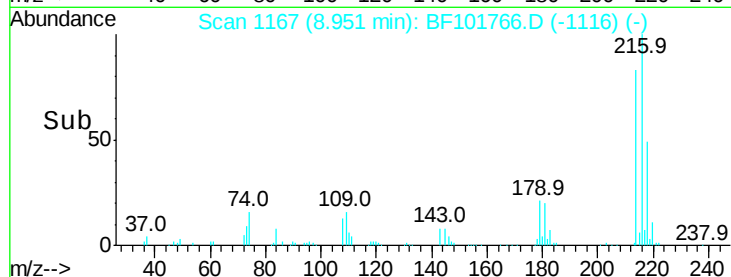
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.853 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	273864
Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.0	94.4
179	20.4	18.1	27.1
108	18.4	17.2	25.8

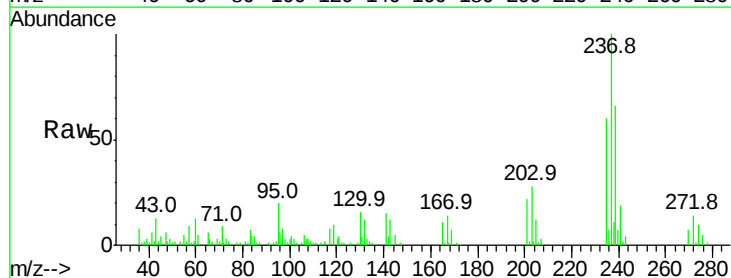


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

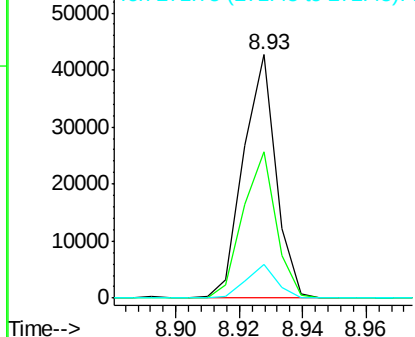
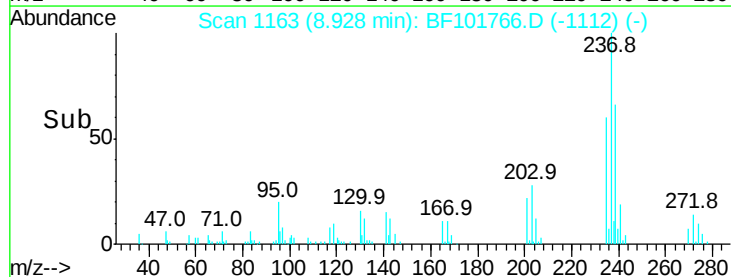


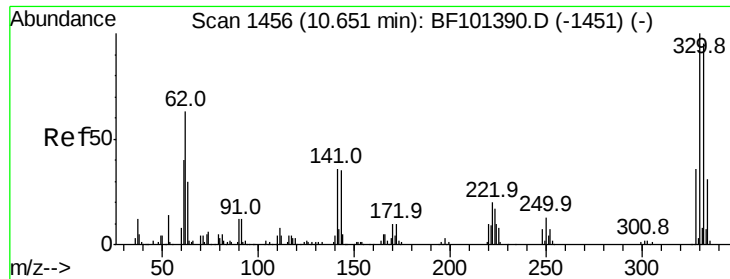
#40
 Hexachlorocyclopentadiene
 Concen: 29.840 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Tgt Ion:	237	Resp:	30263
Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.8	84.8
272	13.7	0.0	33.3



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

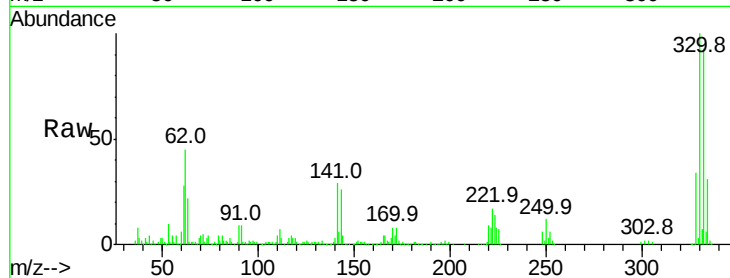




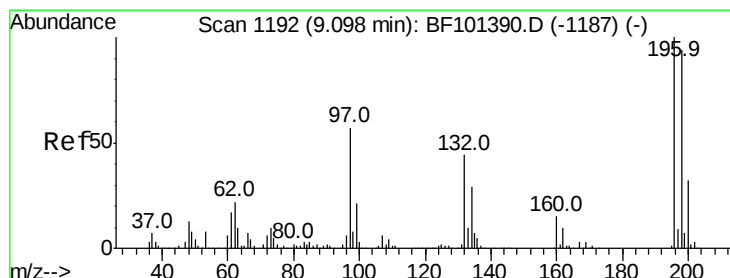
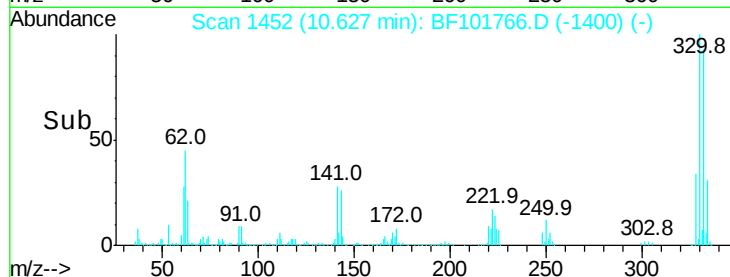
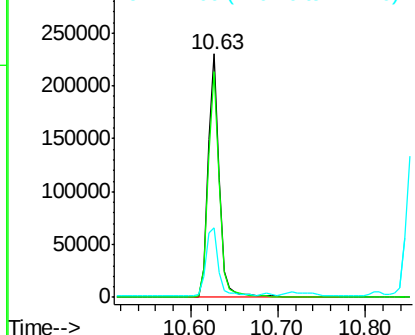
#41
 2,4,6-Tribromophenol
 Concen: 75.589 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	31.0	29.9	44.9

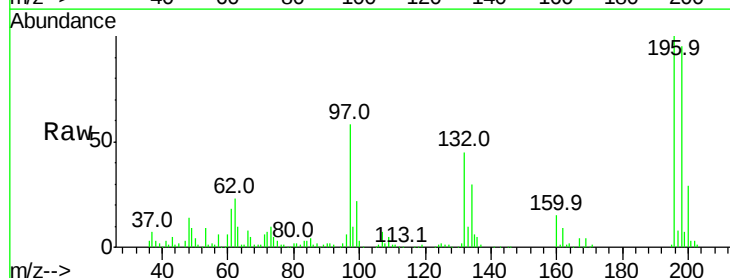


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

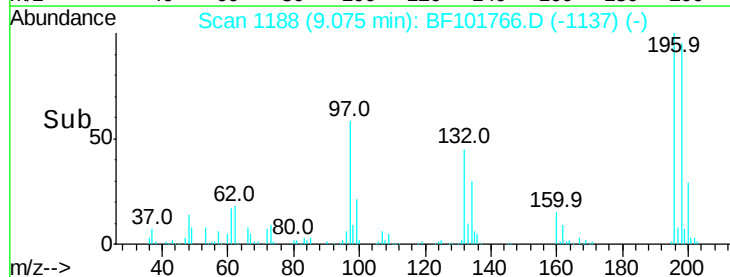
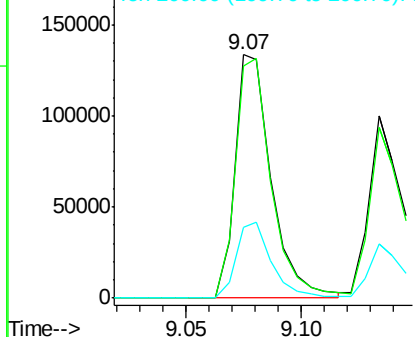


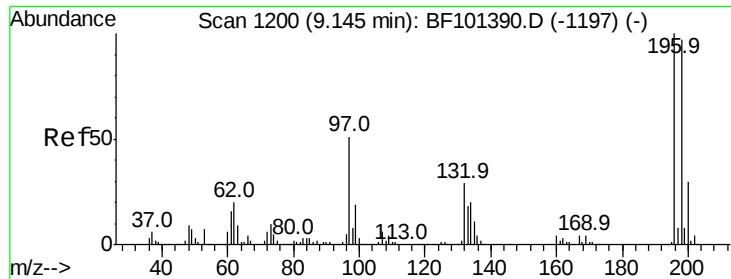
#42
 2,4,6-Trichlorophenol
 Concen: 25.646 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	29.3	24.5	36.7



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

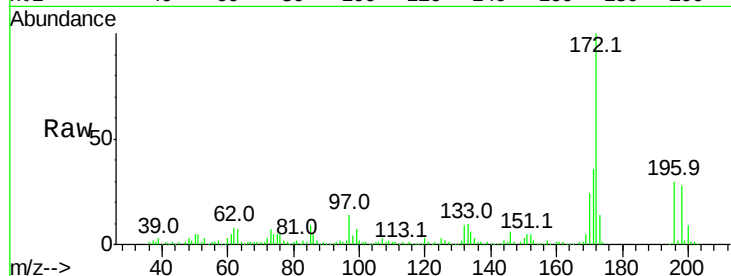




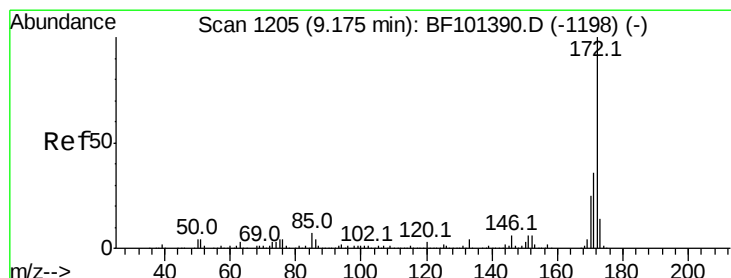
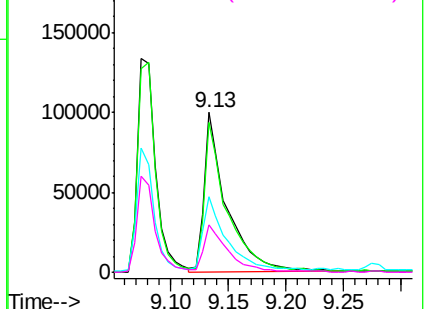
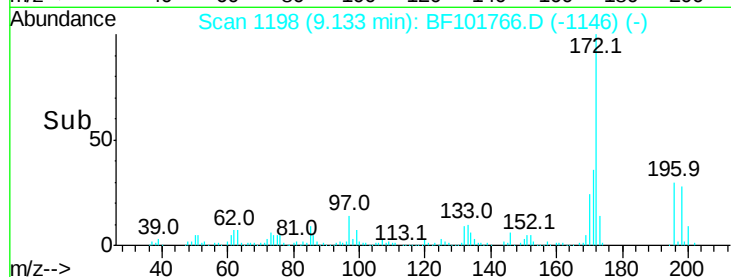
#43
 2,4,5-Trichlorophenol
 Concen: 21.823 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	47.5	42.9	64.3
132	30.0	26.3	39.5

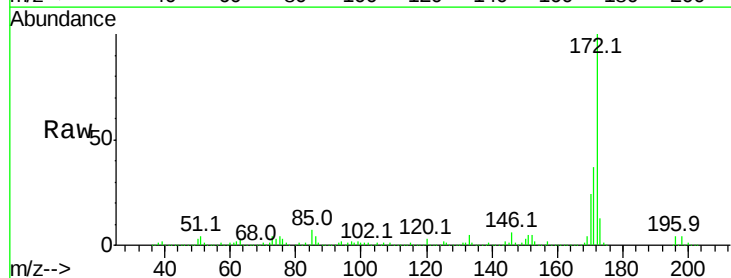


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

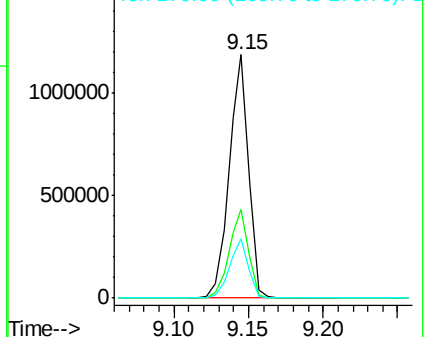
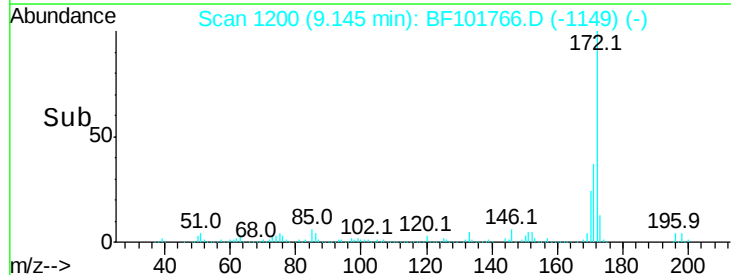


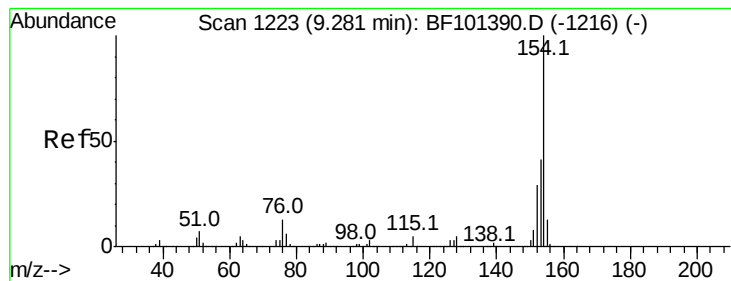
#44
 2-Fluorobiphenyl
 Concen: 60.080 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101766.D
 Acq: 27 Dec 2017 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 27.551 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampled :

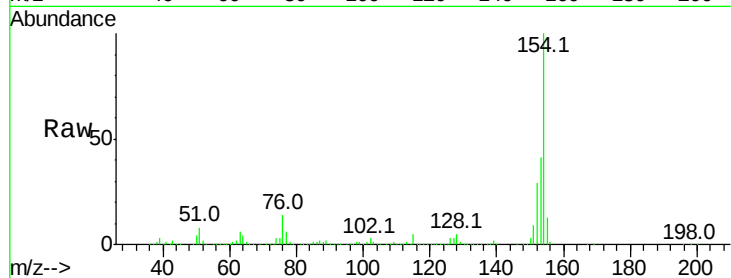
Tot Ion:154 Resp: 686912

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

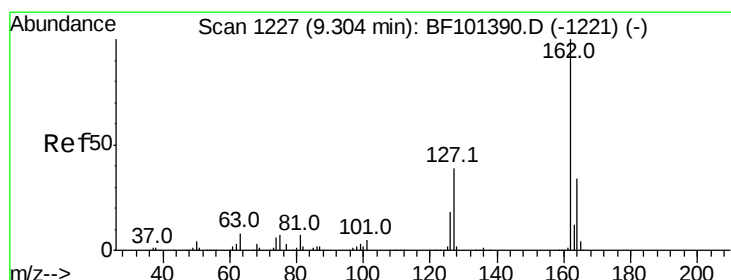
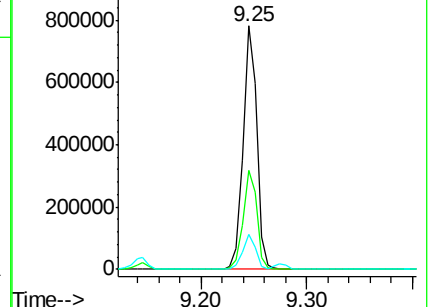
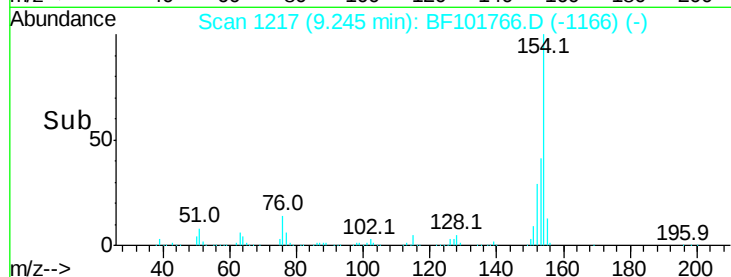
76 14.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 26.904 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

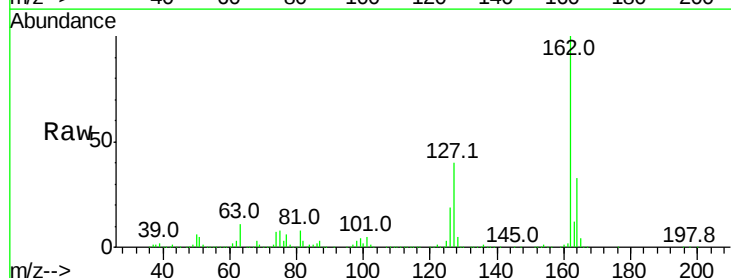
Tgt Ion:162 Resp: 513256

Ion Ratio Lower Upper

162 100

127 40.3 33.9 50.9

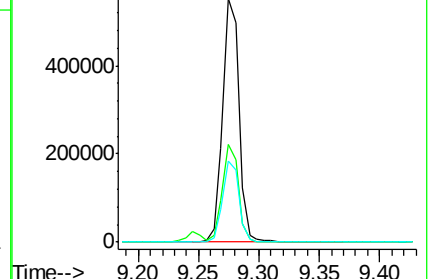
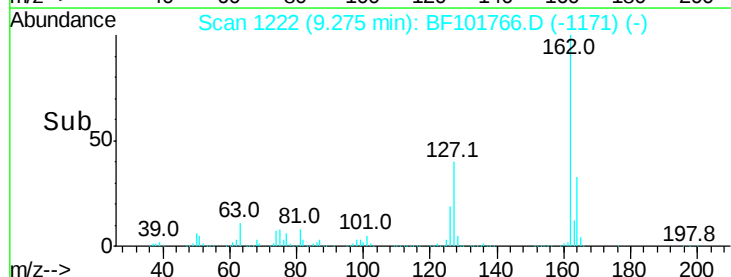
164 33.0 26.5 39.7

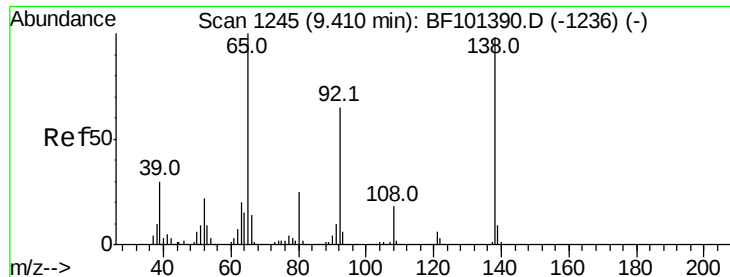


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

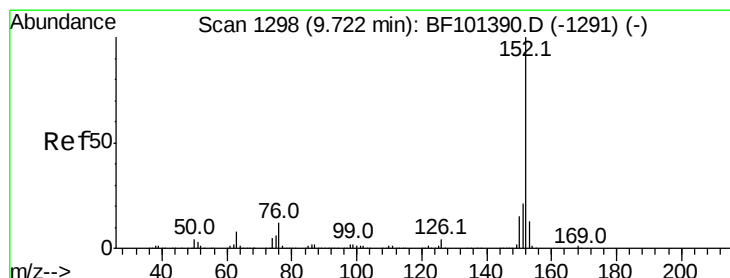
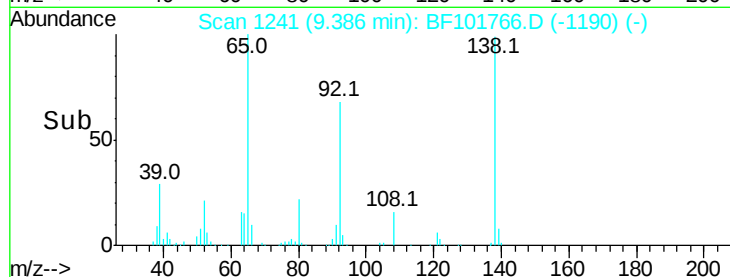
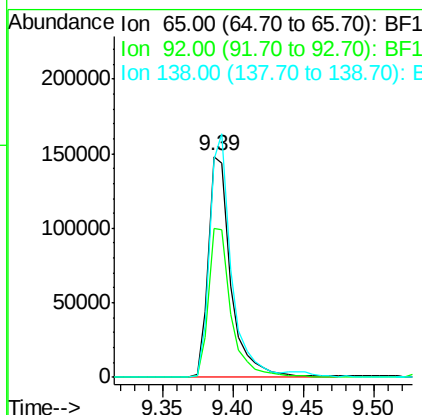
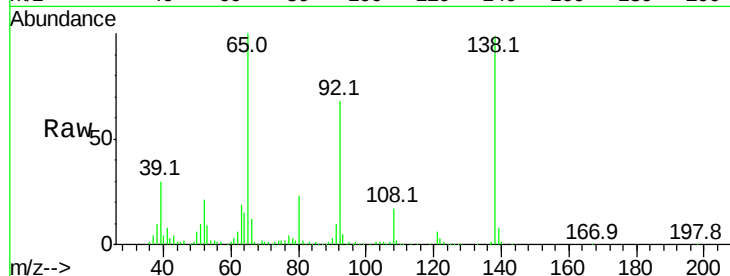




#47
2-Nitroaniline
Concen: 25.347 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

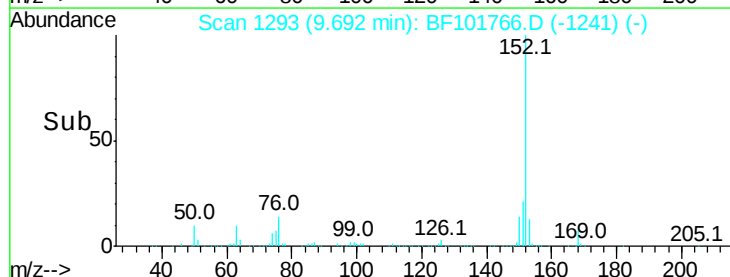
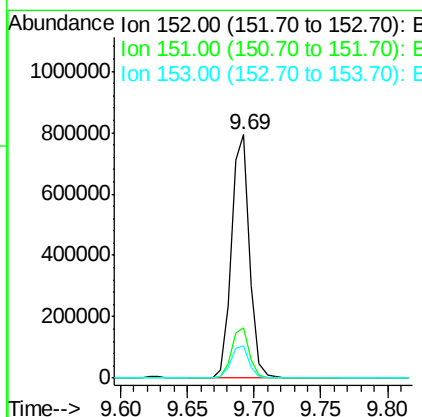
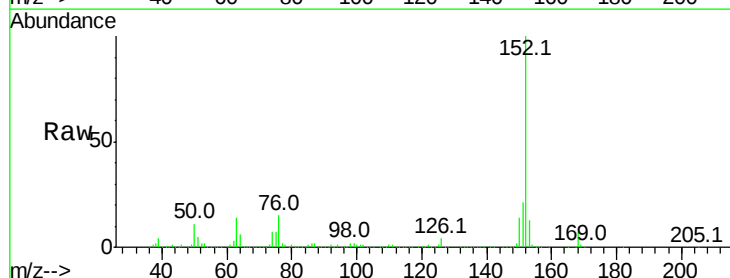
Instrument :
BNA_F
ClientSampleId :

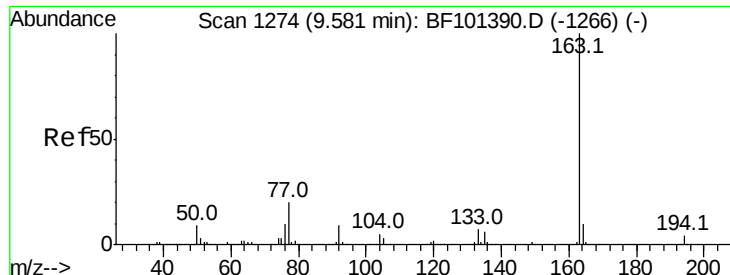
Tot Ion: 65 Resp: 167045
Ion Ratio Lower Upper
65 100
92 67.7 55.8 83.6
138 98.6 91.2 136.8



#48
Acenaphthylene
Concen: 24.993 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion: 152 Resp: 753076
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 34.053 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

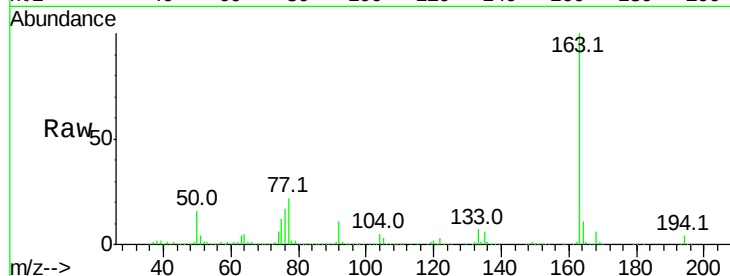
Tot Ion:163 Resp: 770054

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

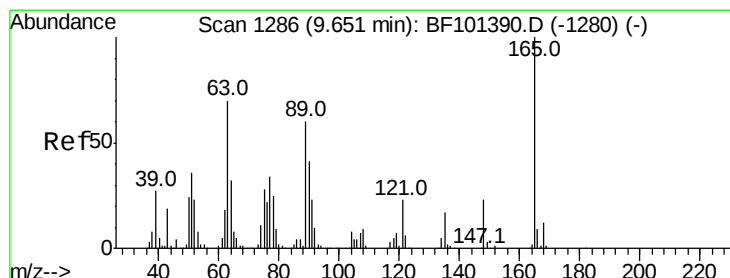
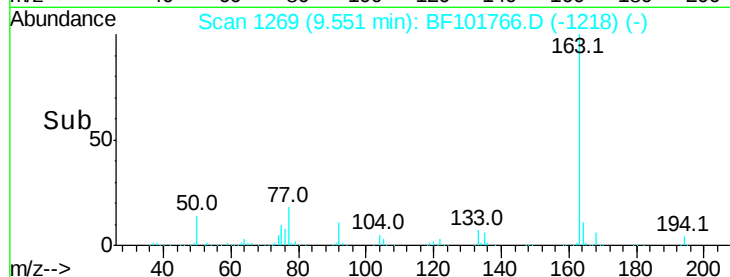
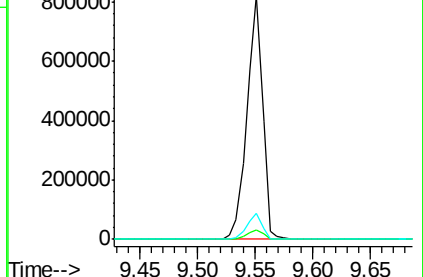
164 10.7 8.2 12.2



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: 26.720 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

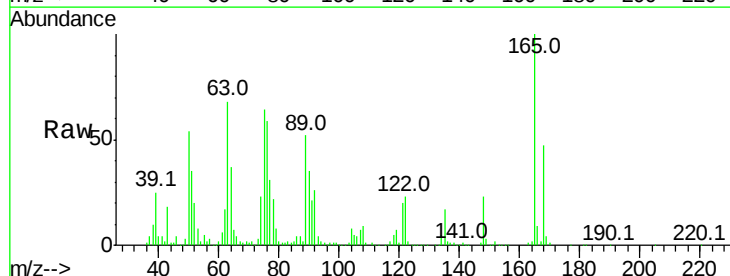
Tgt Ion:165 Resp: 122805

Ion Ratio Lower Upper

165 100

63 67.8 44.7 67.1#

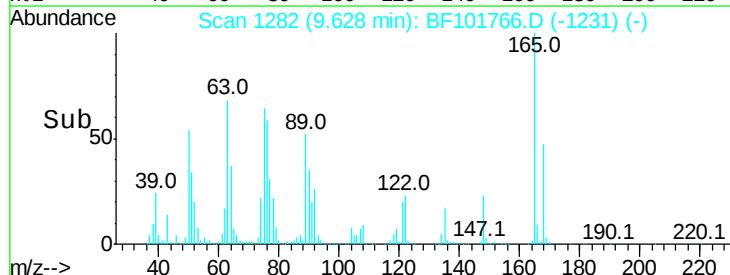
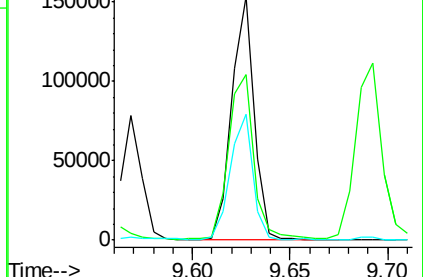
89 51.9 44.0 66.0

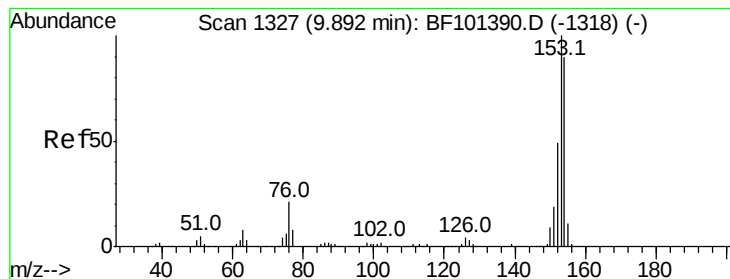


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 25.418 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

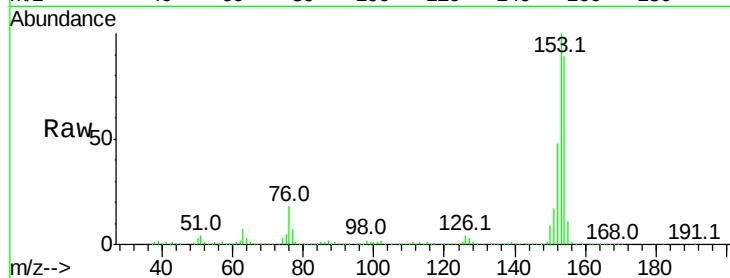
Tot Ion:154 Resp: 460153

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

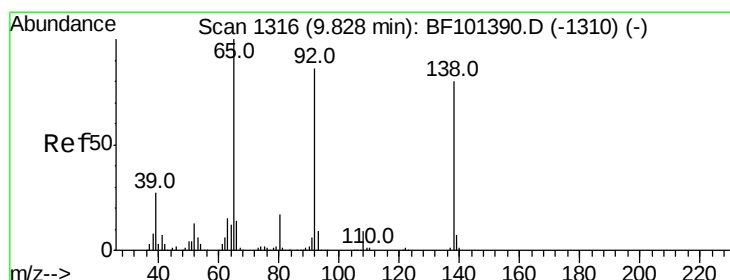
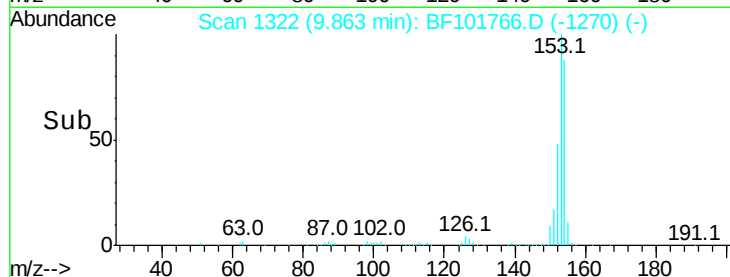
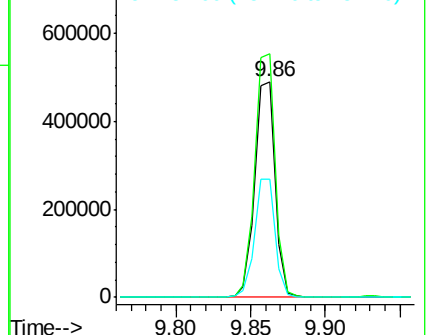
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.370 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

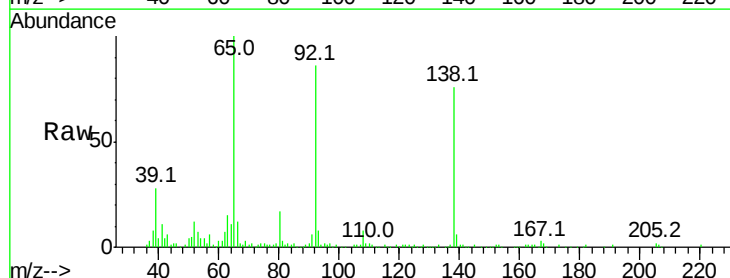
Tgt Ion:138 Resp: 110993

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

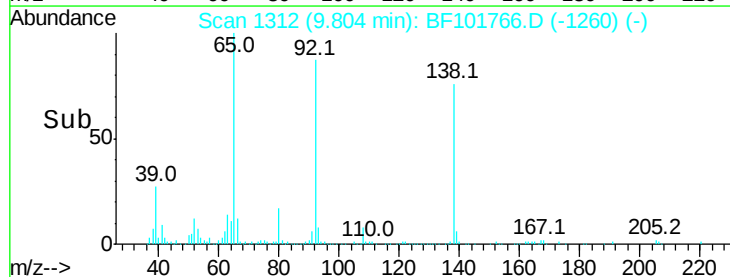
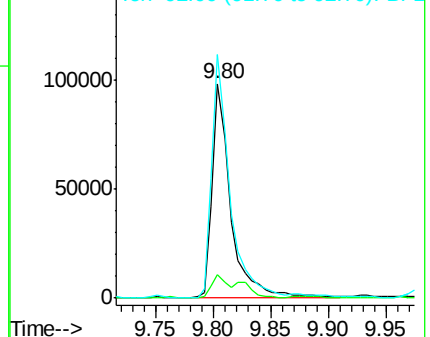
92 113.4 89.4 134.2

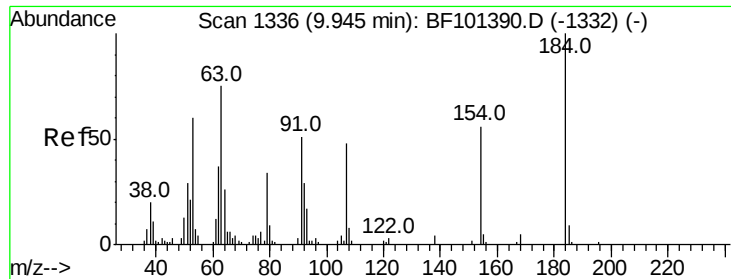


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

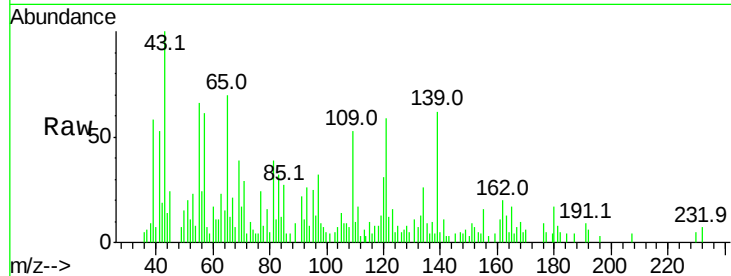




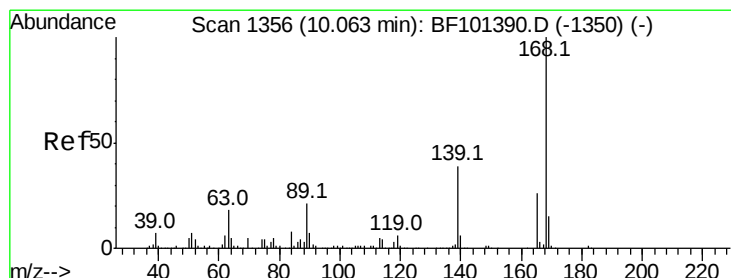
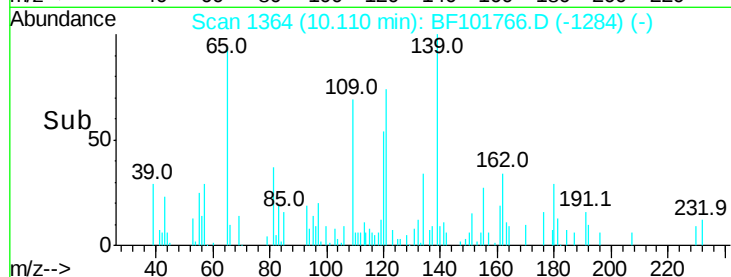
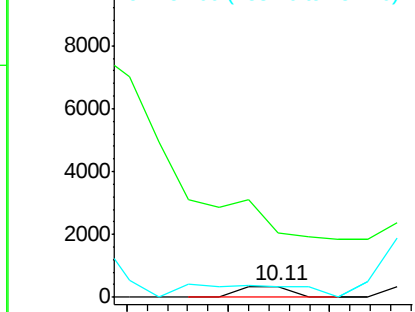
#53
2,4-Dinitrophenol
Concen: 10.455 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.17 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 247
Ion Ratio Lower Upper
184 100
63 578.9 54.2 81.2#
154 91.7 184.0 276.0#

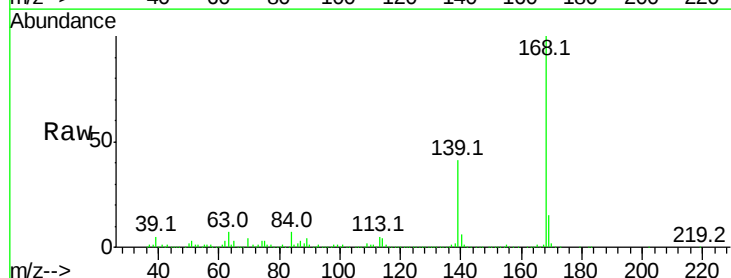


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

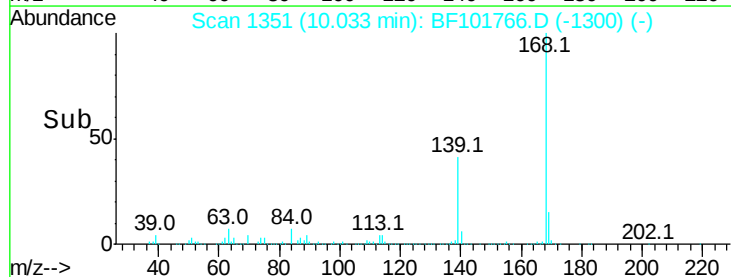
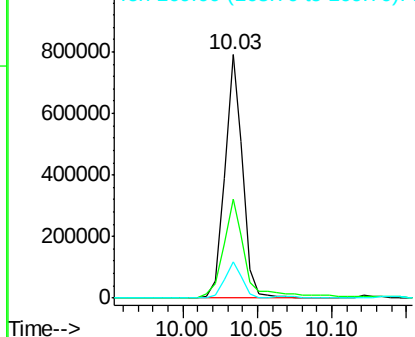


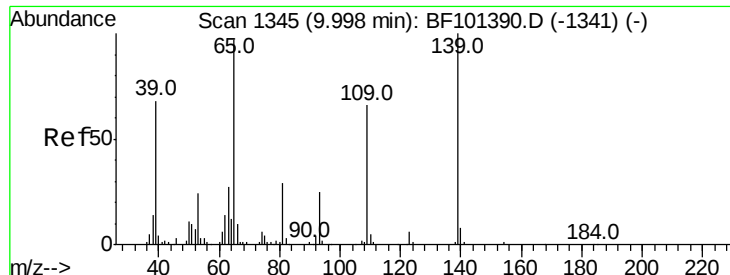
#54
Dibenzofuran
Concen: 28.838 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:168 Resp: 663455
Ion Ratio Lower Upper
168 100
139 40.8 30.1 45.1
169 15.1 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: 136.436 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.05 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

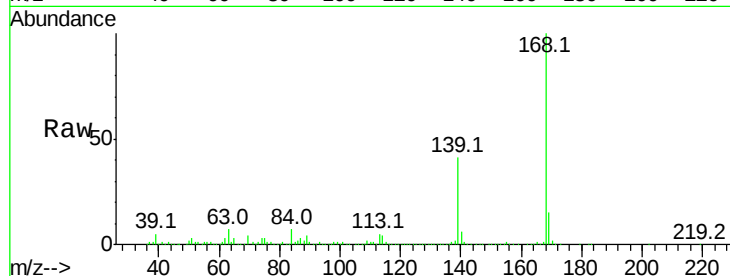
Tot Ion:139 Resp: 340896

Ion Ratio Lower Upper

139 100

109 5.3 48.4 88.4#

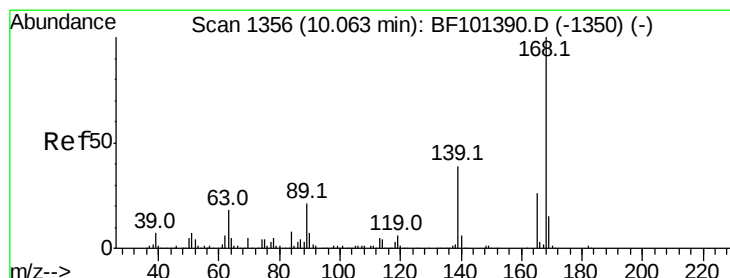
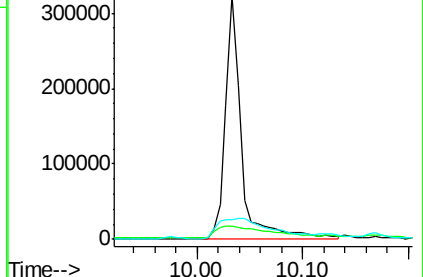
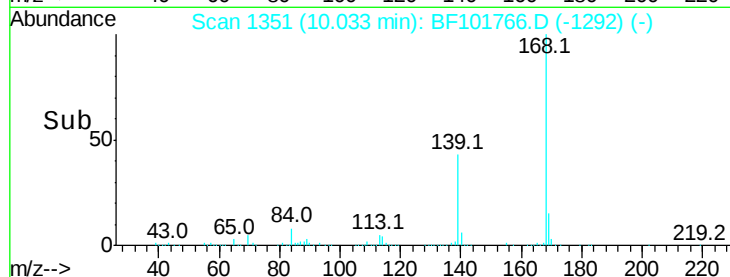
65 7.9 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 31.796 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Tgt Ion:165 Resp: 164648

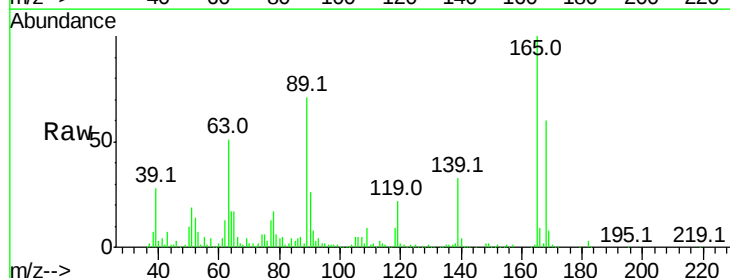
Ion Ratio Lower Upper

165 100

63 50.6 36.4 54.6

89 71.3 57.8 86.6

182 2.6 1.6 2.4#

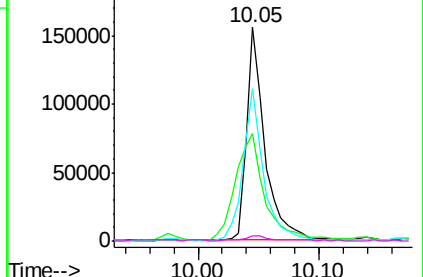
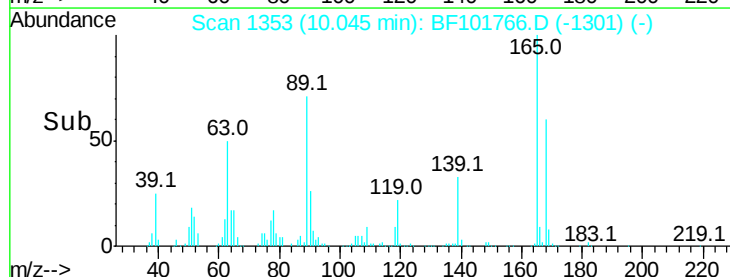


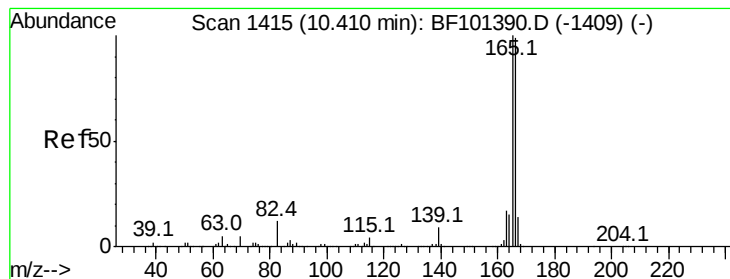
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 27.646 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

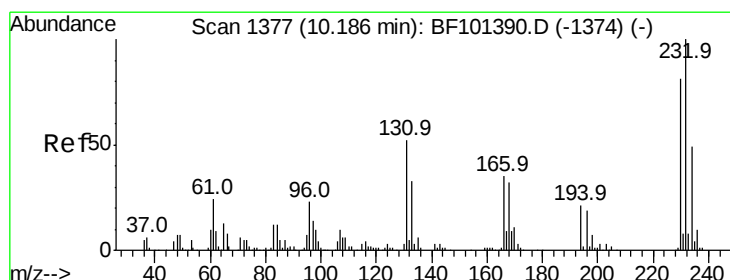
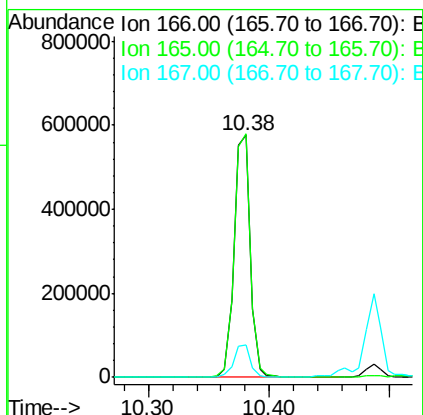
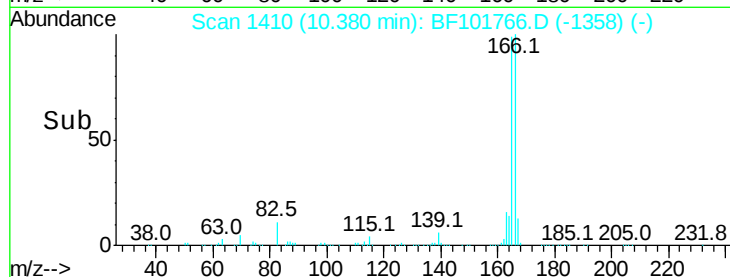
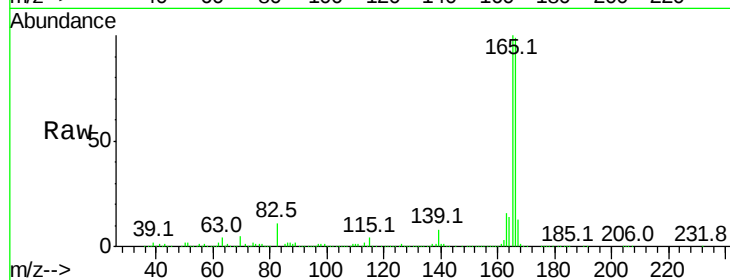
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 538045

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	13.3	10.6	16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 15.630 ng

RT: 10.17 min Scan# 1374

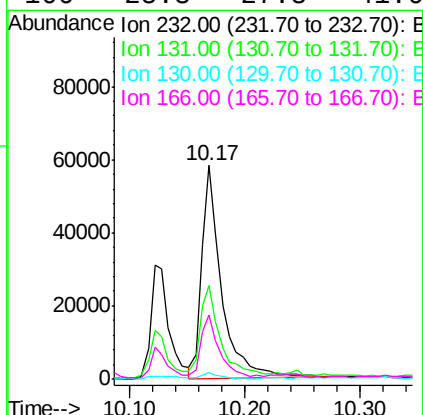
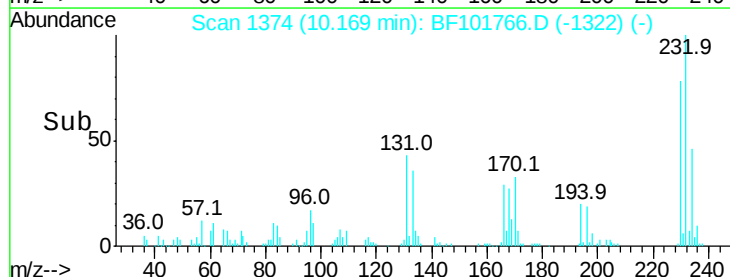
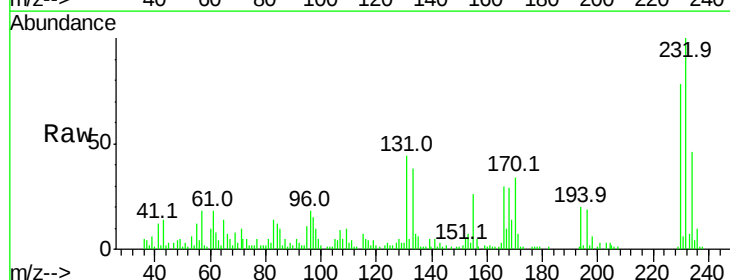
Delta R.T. 0.01 min

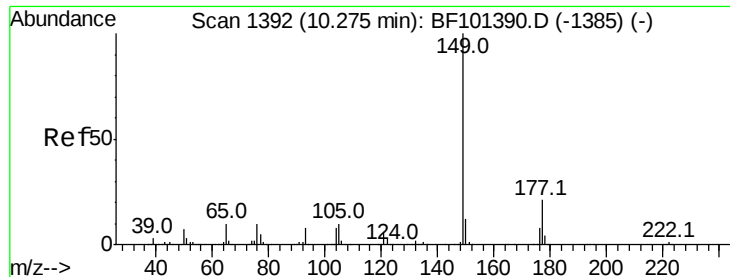
Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Tgt Ion:232 Resp: 70260

Ion	Ratio	Lower	Upper
232	100		
131	43.3	43.8	65.8#
130	3.0	2.1	3.1
166	25.3	27.8	41.6#

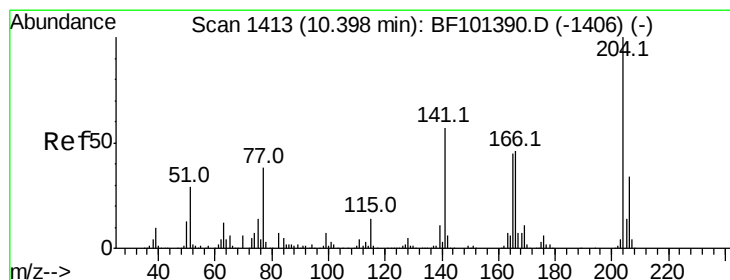
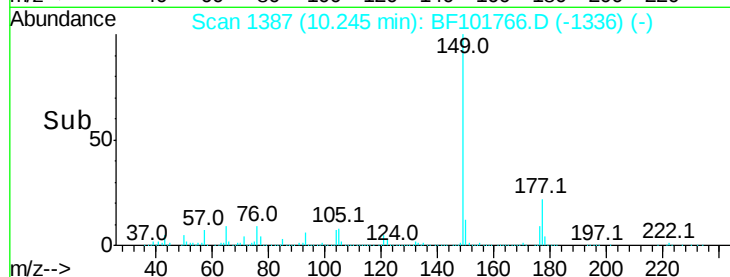
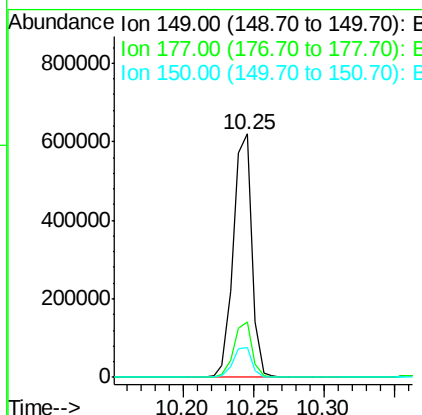
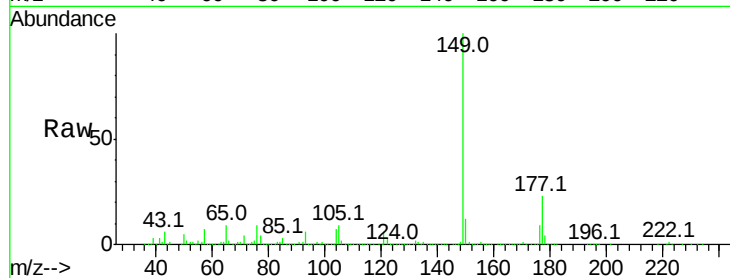




#59
Diethylphthalate
Concen: 25.289 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

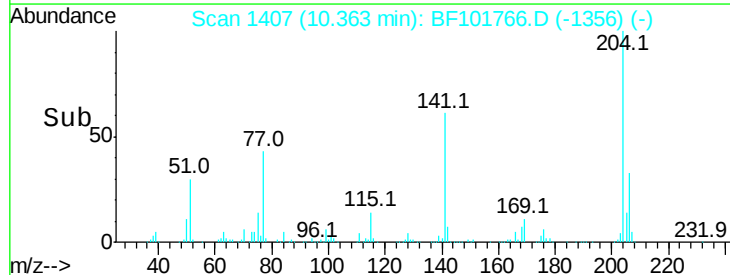
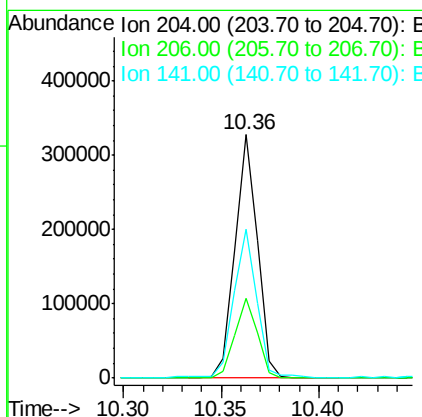
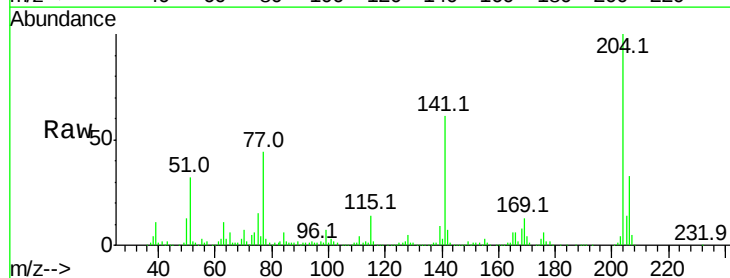
Instrument :
BNA_F
ClientSampleId :

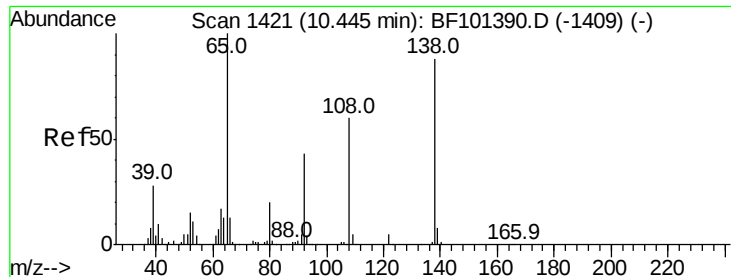
Tot Ion:149 Resp: 566310
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 27.978 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:204 Resp: 260964
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 61.3 54.6 81.8

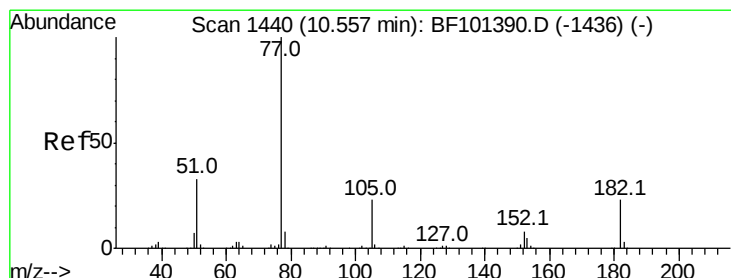
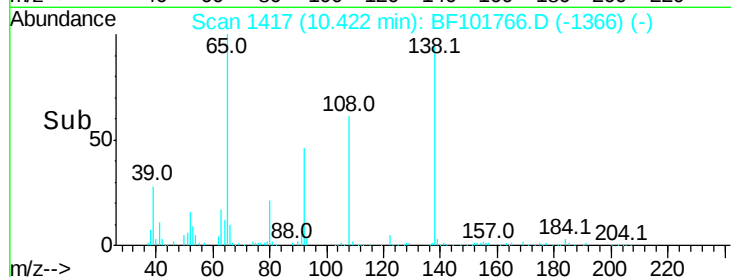
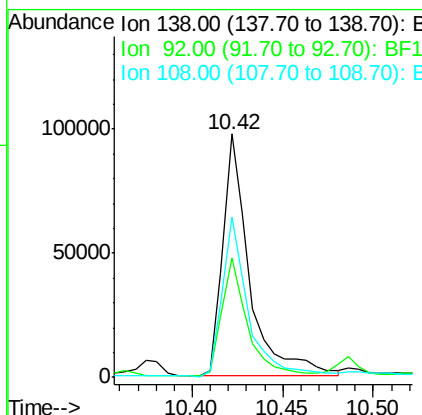
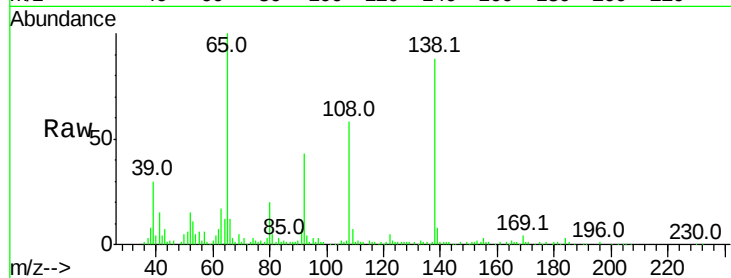




#61
4-Nitroaniline
Concen: 17.562 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

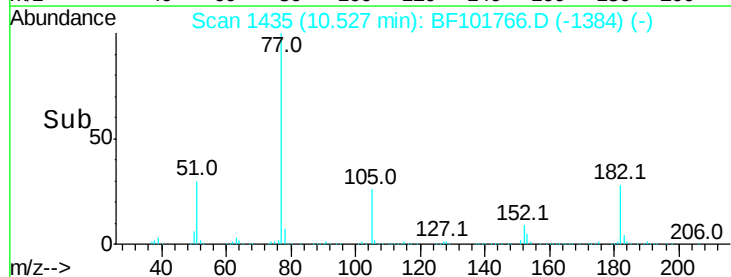
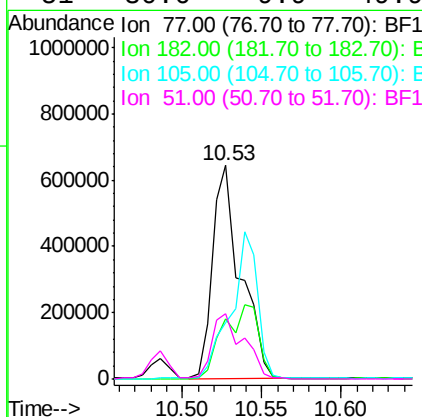
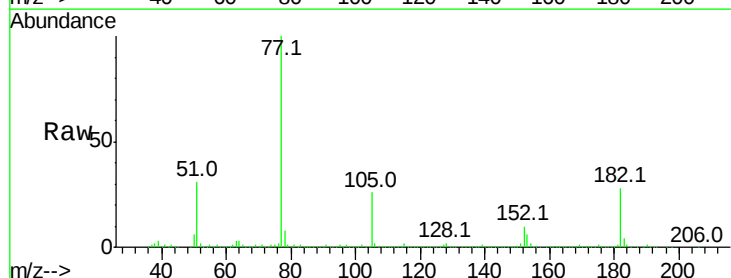
Instrument :
BNA_F
ClientSampleId :

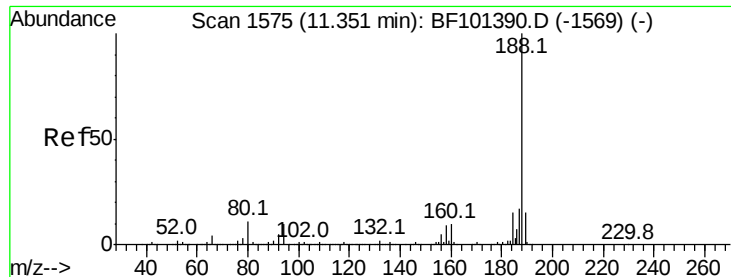
Tot Ion:138 Resp: 101149
Ion Ratio Lower Upper
138 100
92 49.0 30.2 70.2
108 65.8 52.5 92.5



#62
Azobenzene
Concen: 34.084 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion: 77 Resp: 790669
Ion Ratio Lower Upper
77 100
182 28.3 1.7 41.7
105 26.2 3.0 43.0
51 30.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

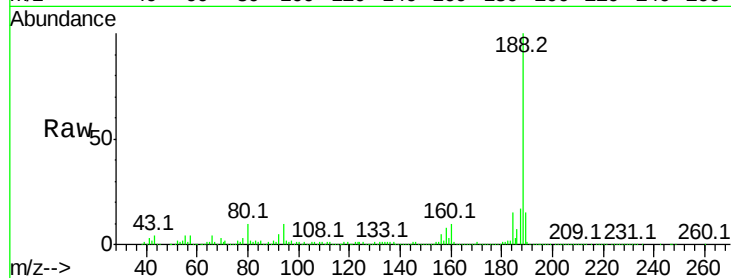
Tot Ion:188 Resp: 479856

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

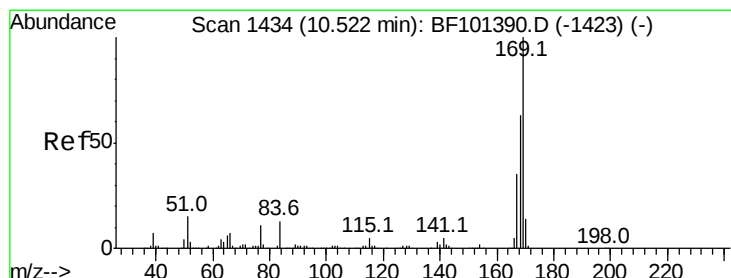
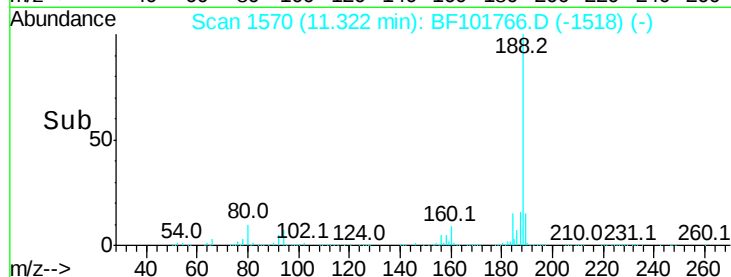
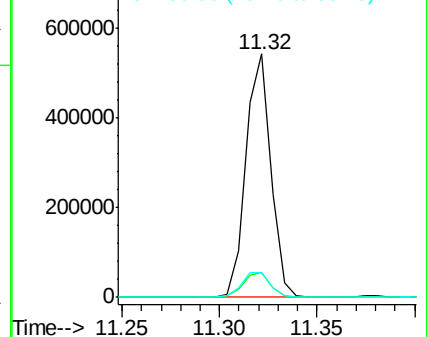
80 10.4 9.2 13.8



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



#65

n-Nitrosodiphenylamine

Concen: 27.641 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

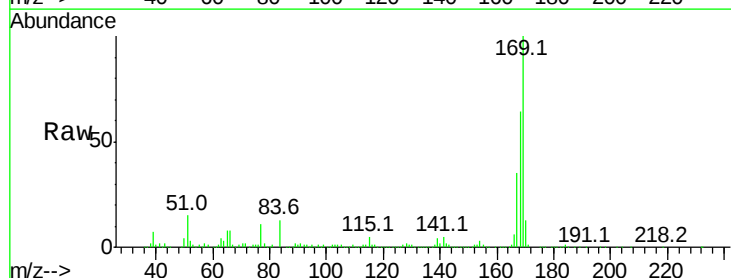
Tgt Ion:169 Resp: 489752

Ion Ratio Lower Upper

169 100

168 64.2 54.4 81.6

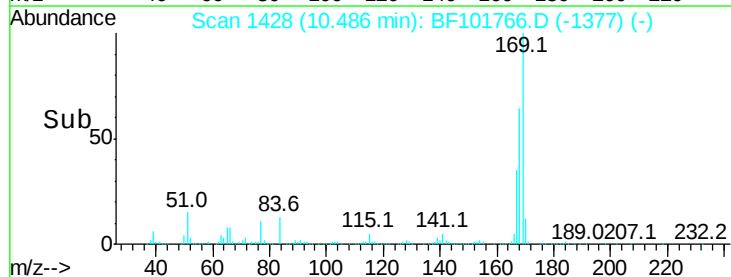
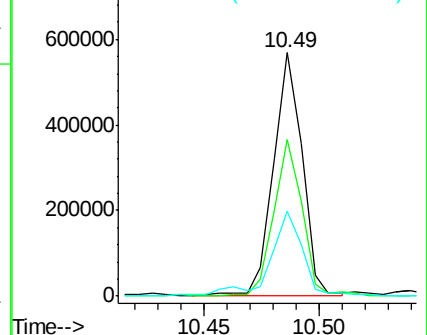
167 35.0 29.8 44.6

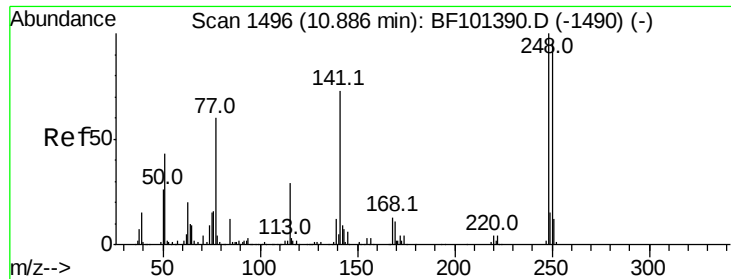


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

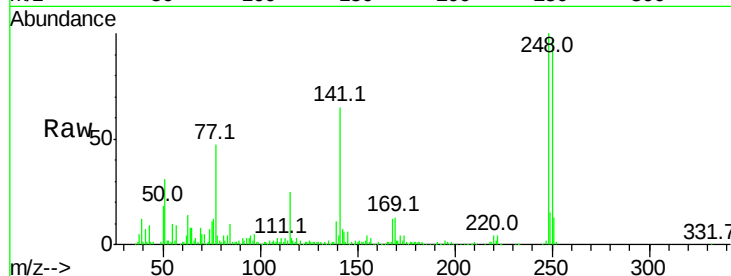




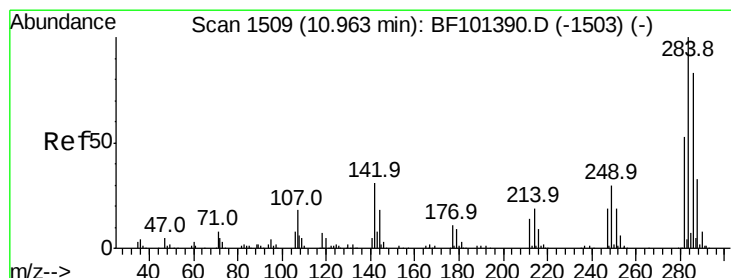
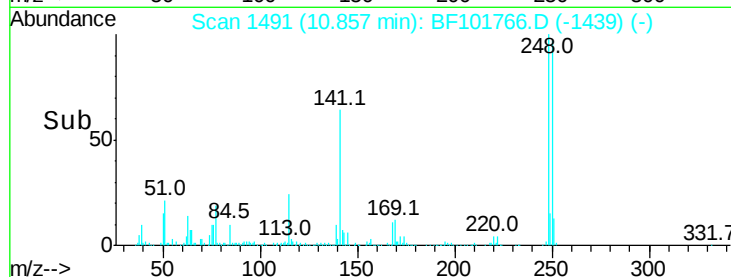
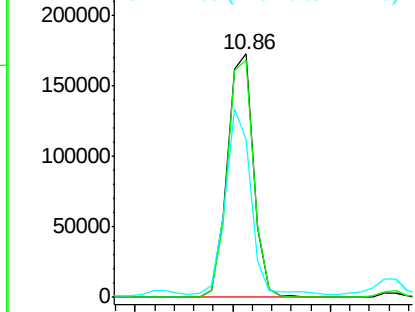
#66
4-Bromophenyl-phenylether
Concen: 29.780 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 160568
Ion Ratio Lower Upper
248 100
250 97.3 76.9 115.3
141 64.8 74.4 111.6#

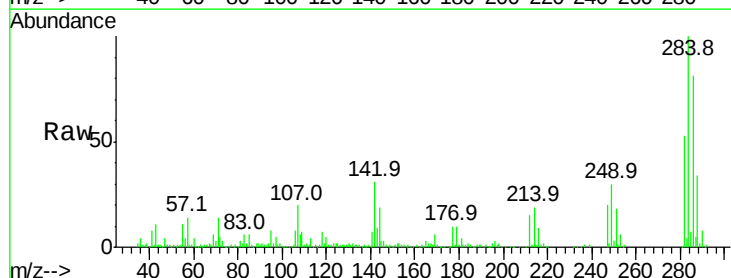


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

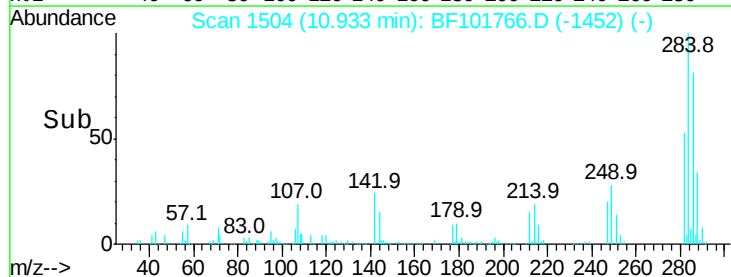
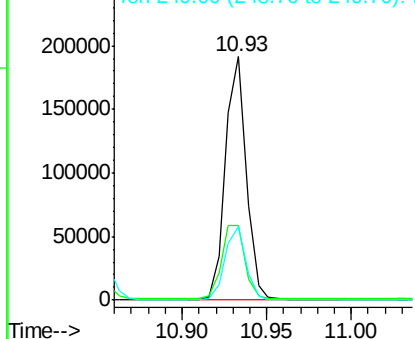


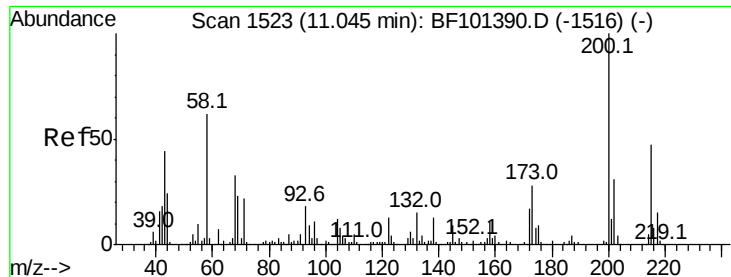
#67
Hexachlorobenzene
Concen: 28.867 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:284 Resp: 164730
Ion Ratio Lower Upper
284 100
142 30.9 34.6 52.0#
249 30.2 24.8 37.2



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

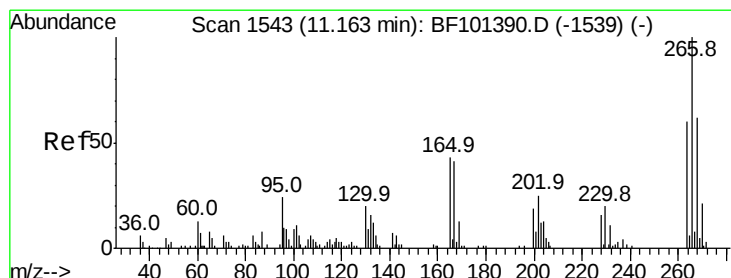
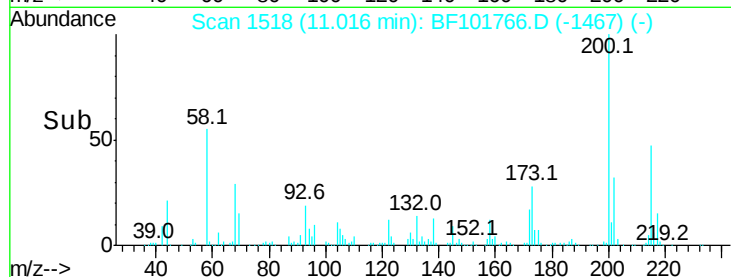
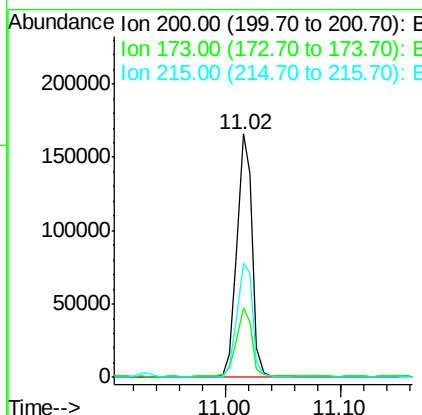
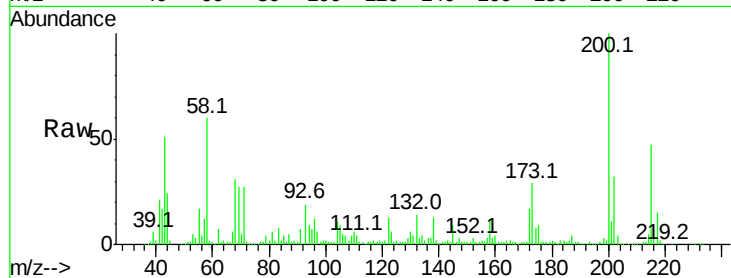




#68
Atrazine
Concen: 28.983 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

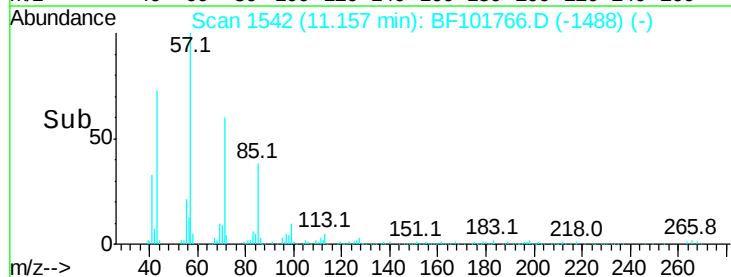
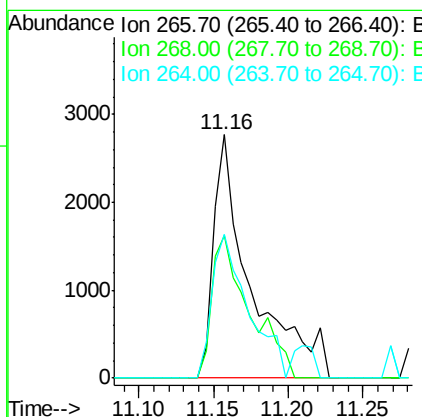
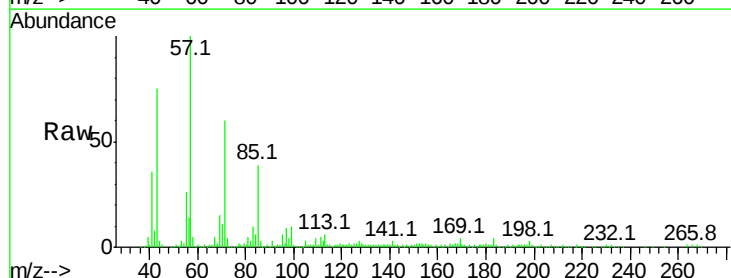
Instrument :
BNA_F
ClientSampleId :

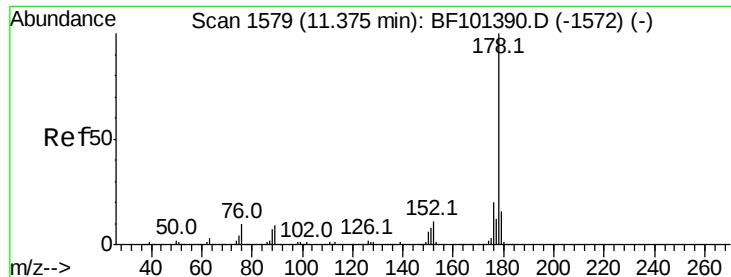
Tot Ion:200 Resp: 153123
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 46.9 25.1 65.1



#69
Pentachlorophenol
Concen: 8.560 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.02 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:266 Resp: 4842
Ion Ratio Lower Upper
266 100
268 58.6 51.1 76.7
264 59.0 49.5 74.3





#70

Phenanthrene

Concen: 27.867 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampled :

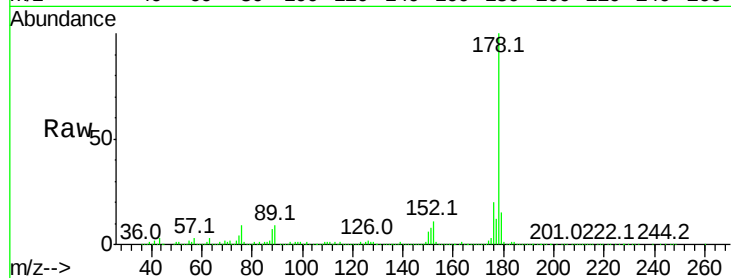
Tot Ion:178 Resp: 743651

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

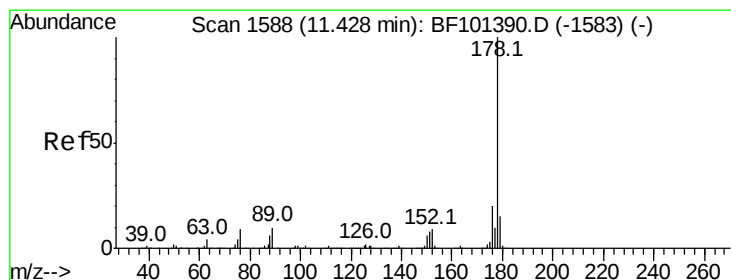
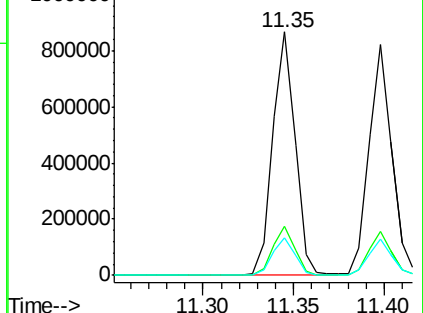
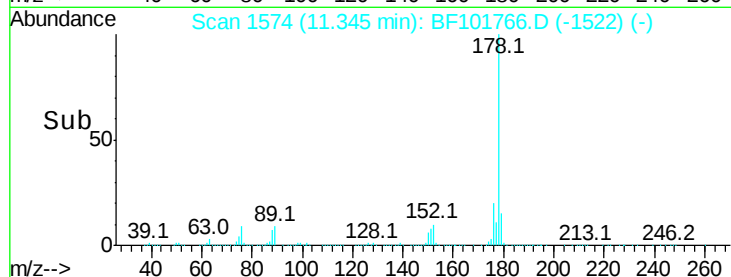
179 15.4 13.0 19.6



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: 26.671 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

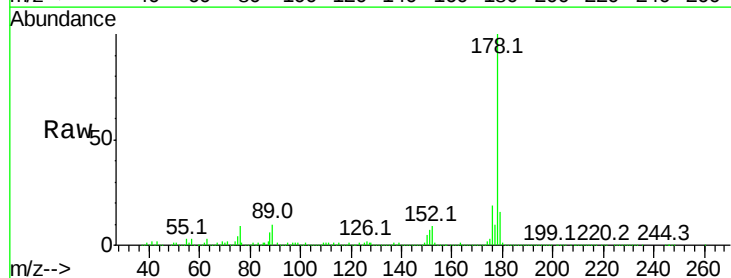
Tgt Ion:178 Resp: 726999

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

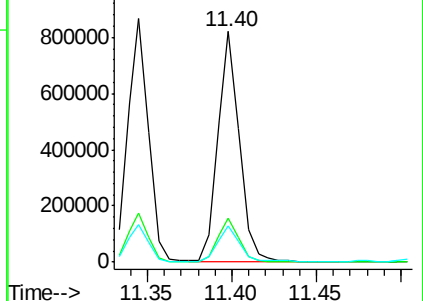
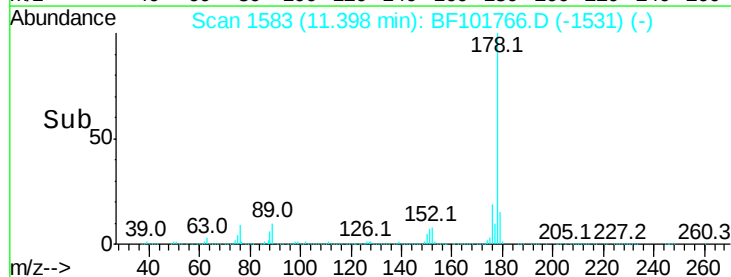
179 15.6 12.6 19.0

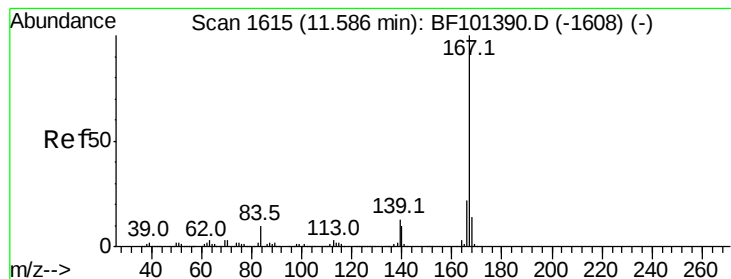


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 21.857 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

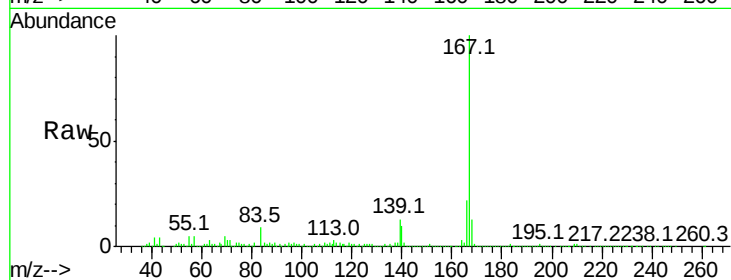
Tot Ion:167 Resp: 557809

Ion Ratio Lower Upper

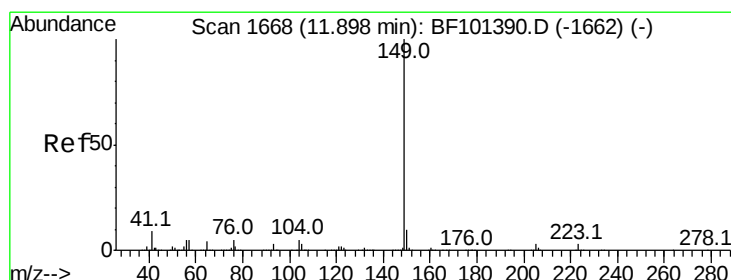
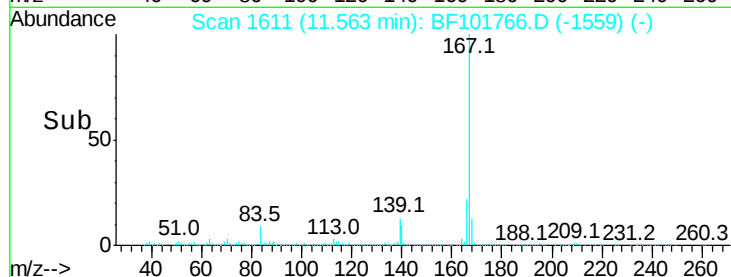
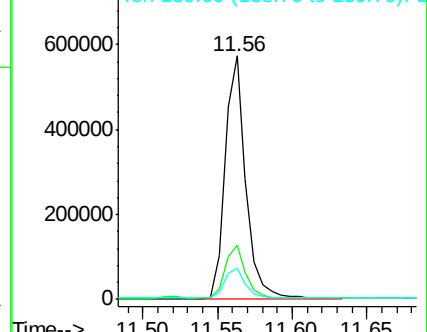
167 100

166 22.2 17.6 26.4

139 13.0 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: 28.811 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

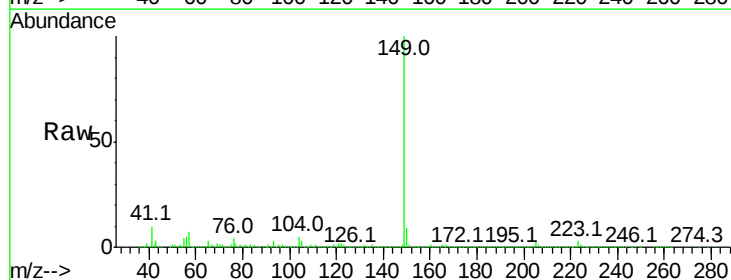
Tgt Ion:149 Resp: 892454

Ion Ratio Lower Upper

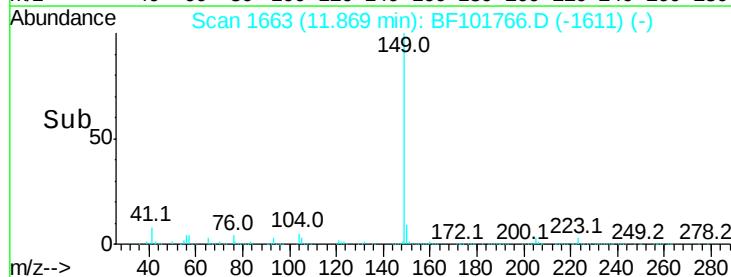
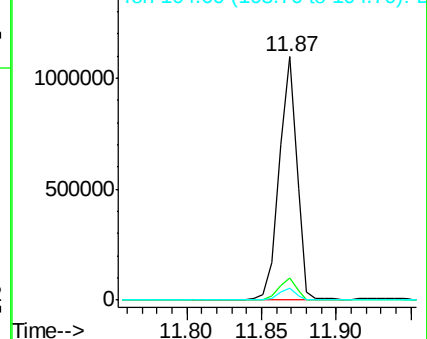
149 100

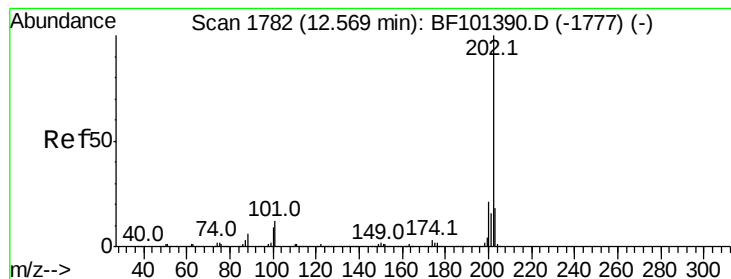
150 9.2 7.8 11.6

104 4.7 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: 23.238 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

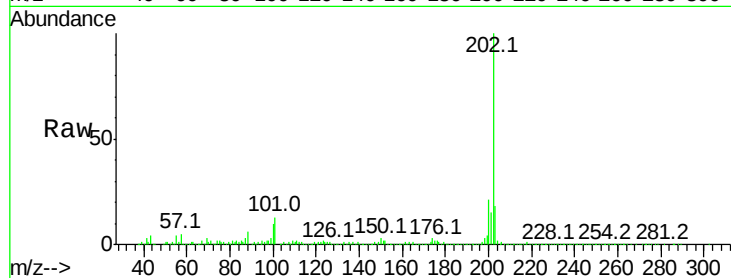
Tot Ion:202 Resp: 650891

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

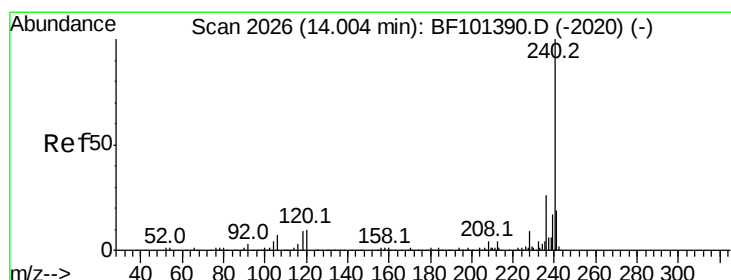
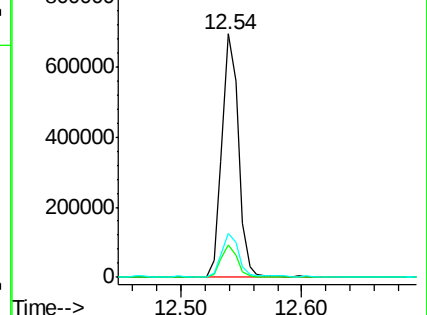
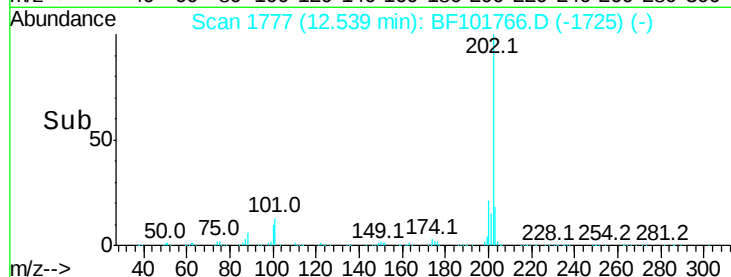
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

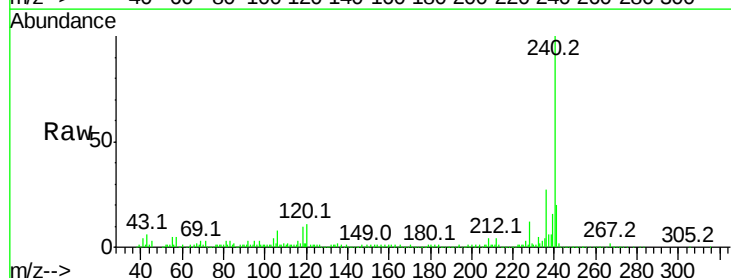
Tgt Ion:240 Resp: 304896

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

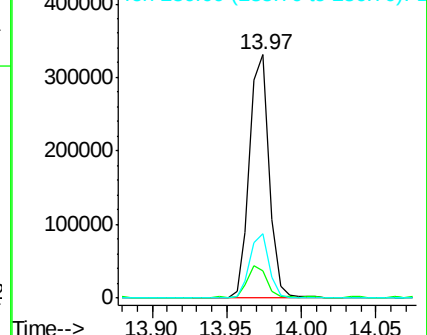
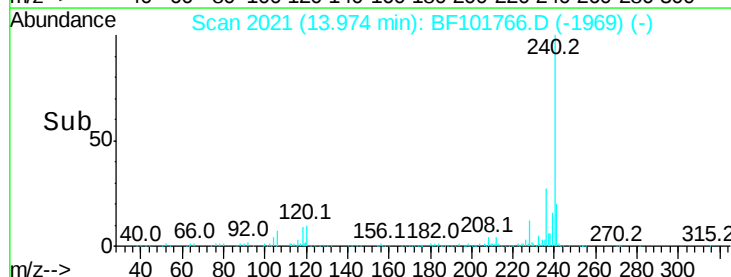
236 26.7 20.7 31.1

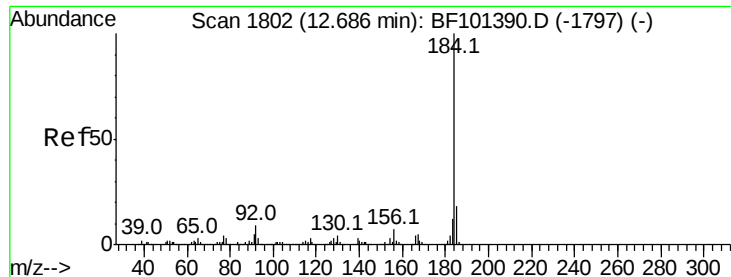


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.179 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

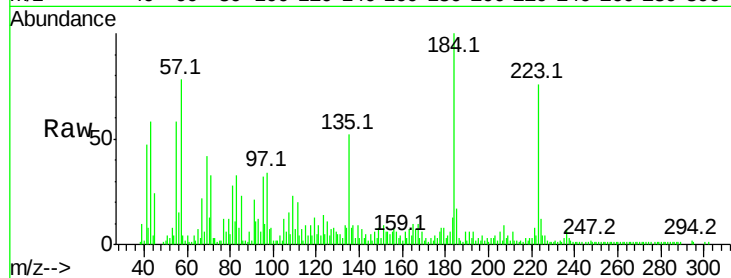
Tot Ion:184 Resp: 79570

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

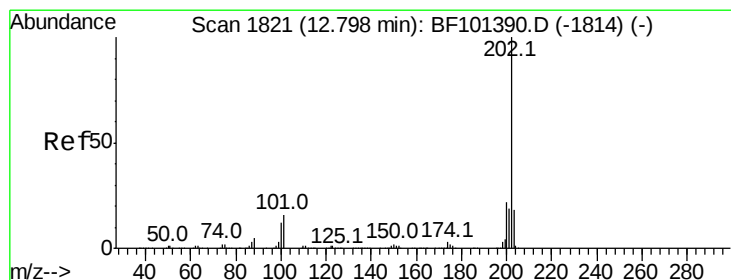
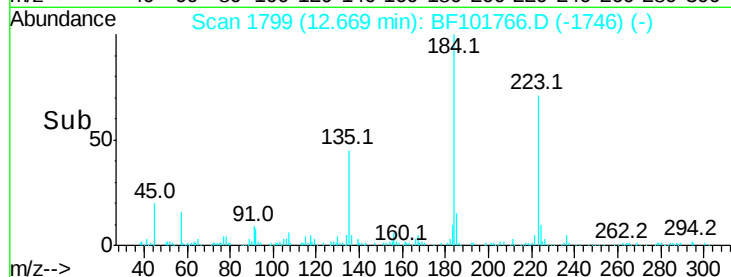
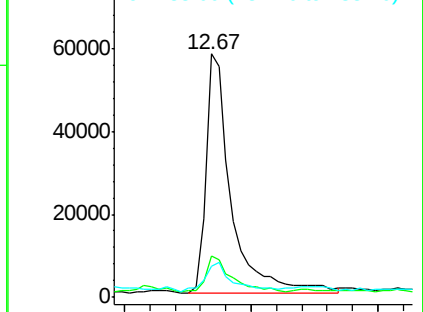
183 12.9 9.3 13.9



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

Pyrene

Concen: 27.416 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

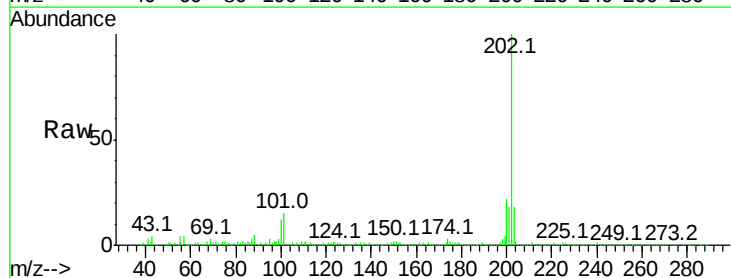
Tgt Ion:202 Resp: 627335

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

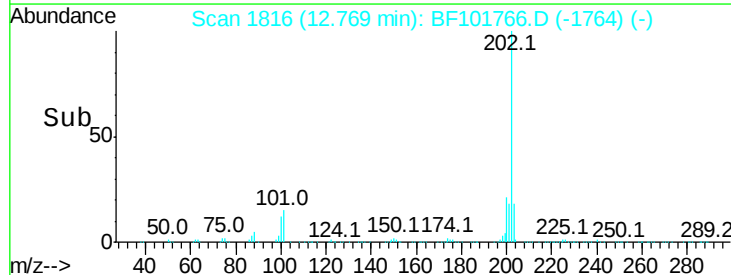
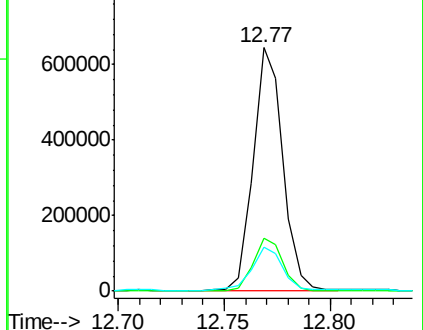
203 18.1 14.3 21.5

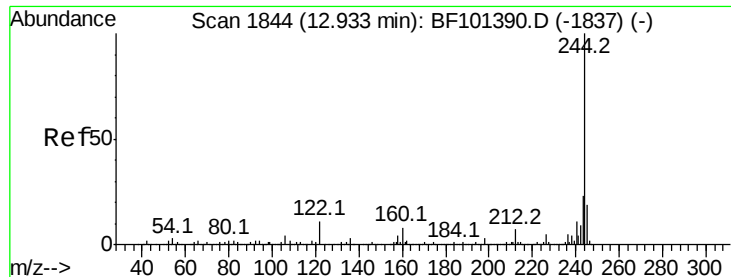


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.987 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampled :

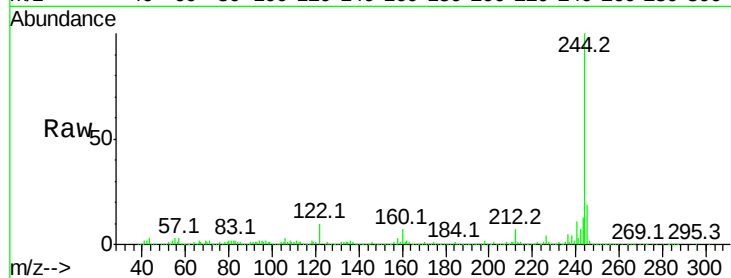
Tot Ion:244 Resp: 872490

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

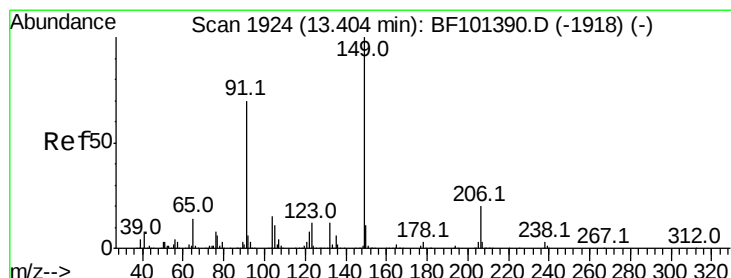
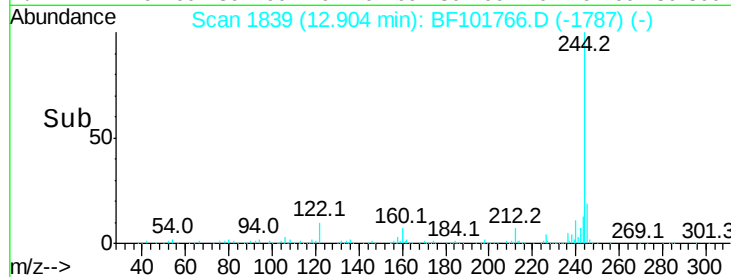
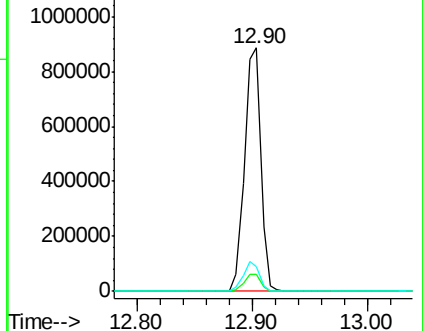
122 10.4 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 27.921 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

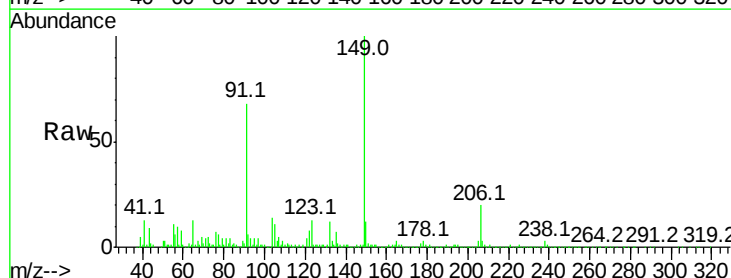
Tgt Ion:149 Resp: 289086

Ion Ratio Lower Upper

149 100

91 67.7 56.8 85.2

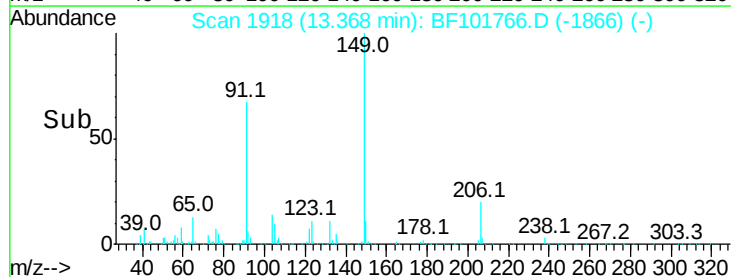
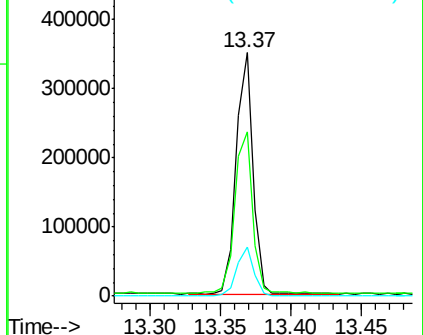
206 19.9 14.1 21.1

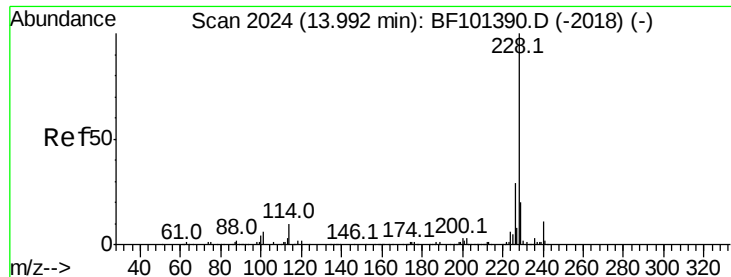


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 19.508 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampleId :

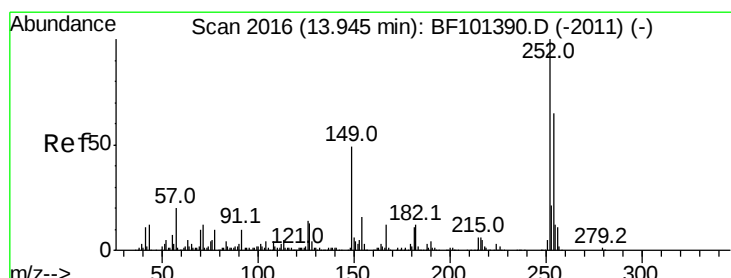
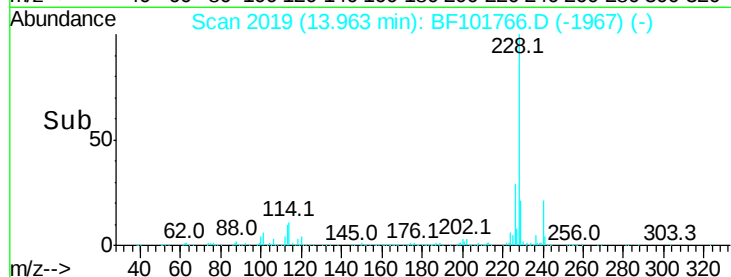
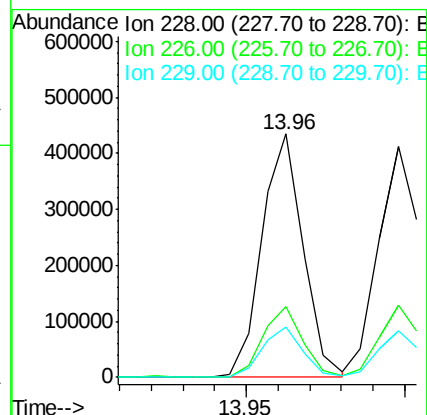
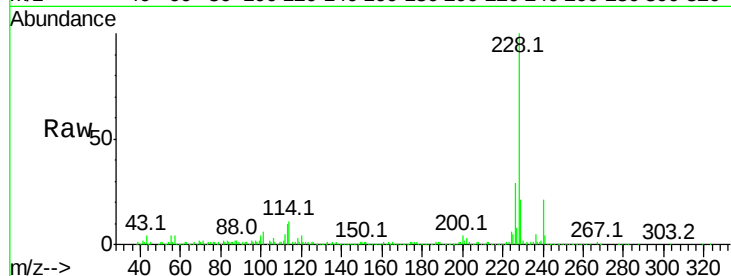
Tot Ion:228 Resp: 392753

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

229 20.7 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 16.949 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

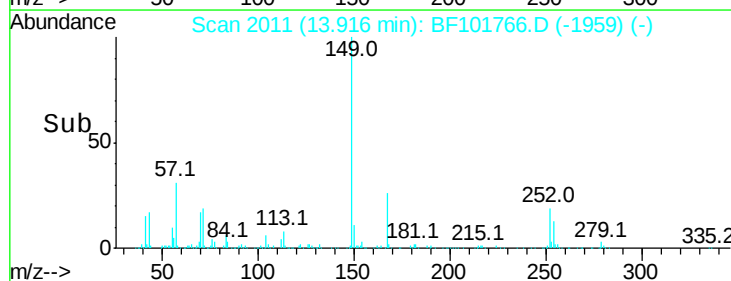
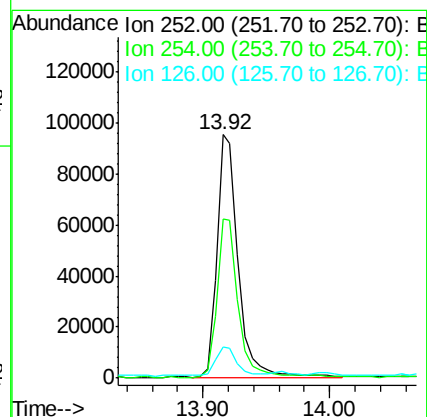
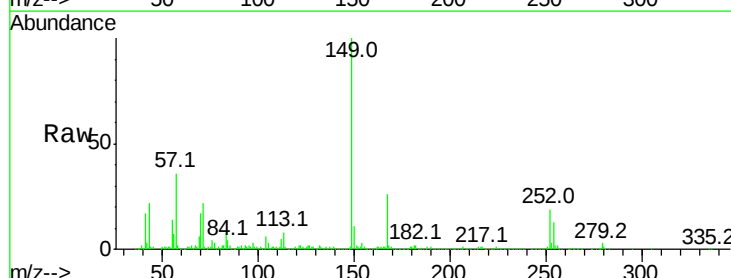
Tgt Ion:252 Resp: 111265

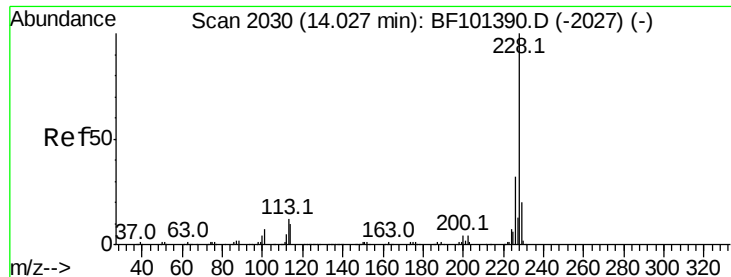
Ion Ratio Lower Upper

252 100

254 65.5 50.4 75.6

126 12.7 11.3 16.9





#82

Chrysene

Concen: 20.668 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

Instrument :

BNA_F

ClientSampled :

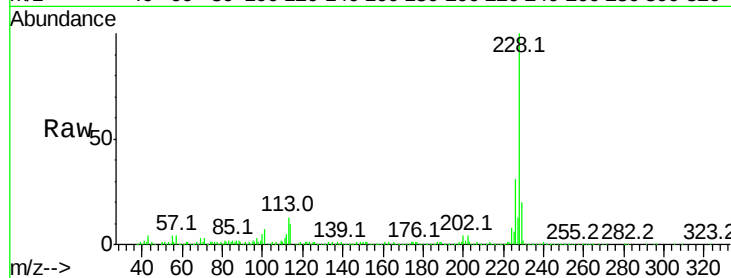
Tot Ion:228 Resp: 392870

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

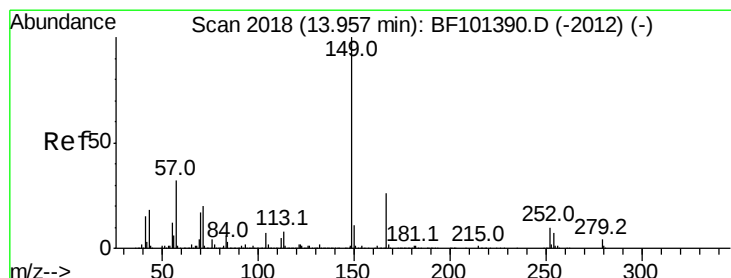
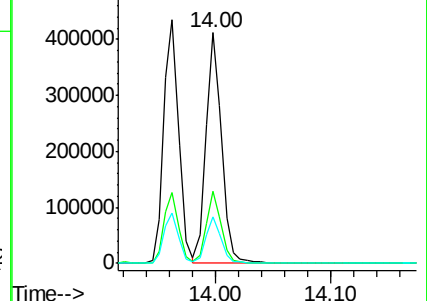
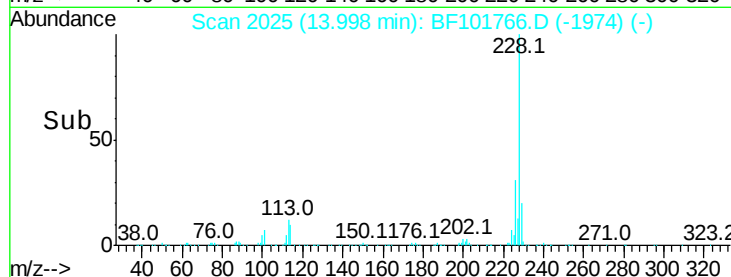
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.824 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF101766.D

Acq: 27 Dec 2017 17:01

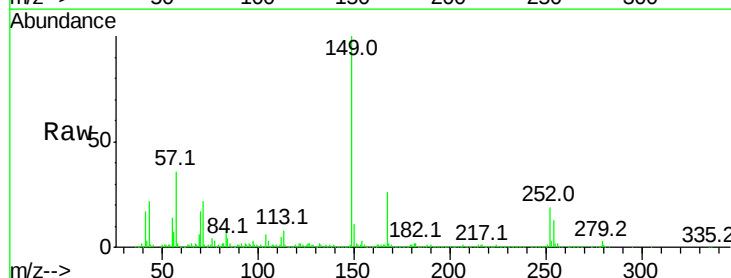
Tgt Ion:149 Resp: 443579

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

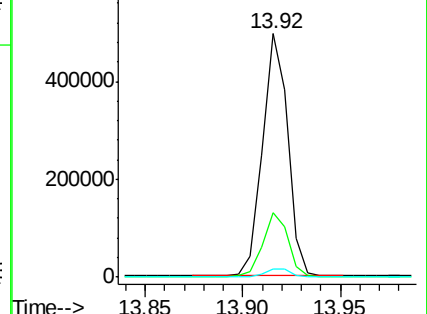
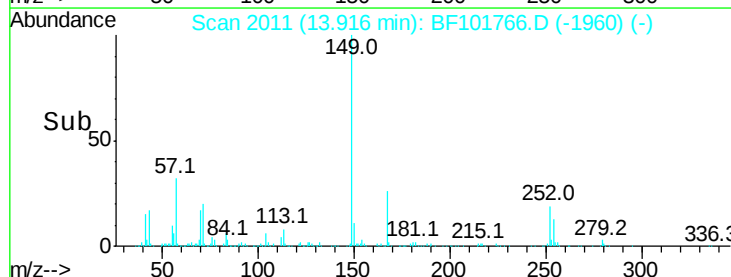
279 3.3 3.0 4.4

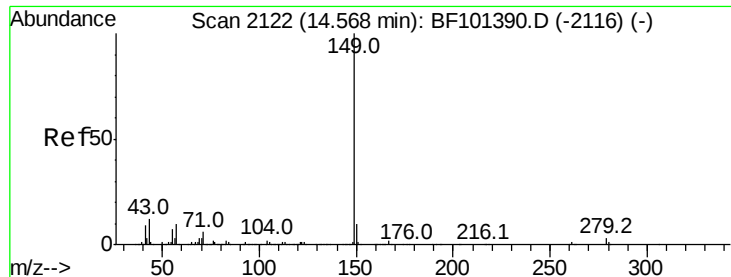


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

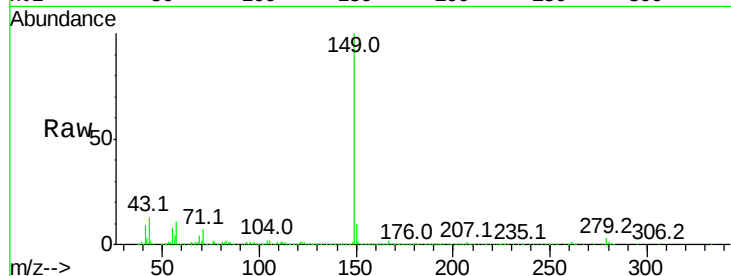




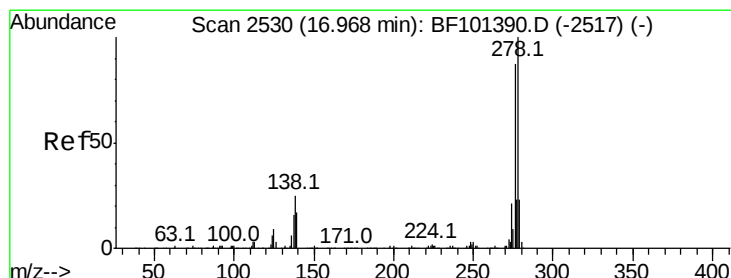
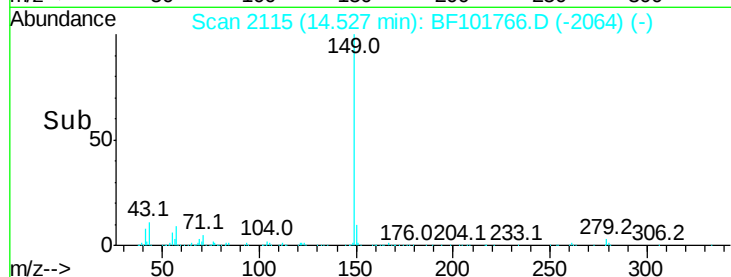
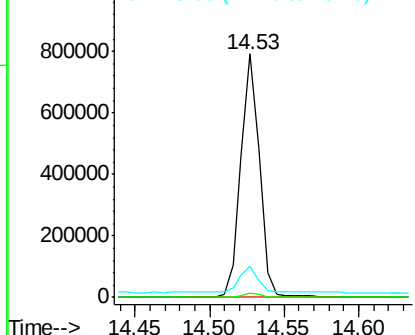
#84
Di-n-octyl phthalate
Concen: 29.248 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 684062
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.9 8.4 12.6

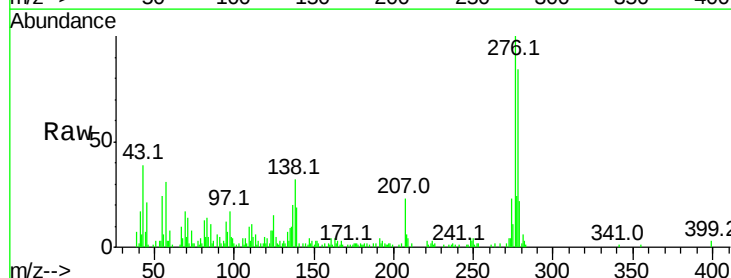


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

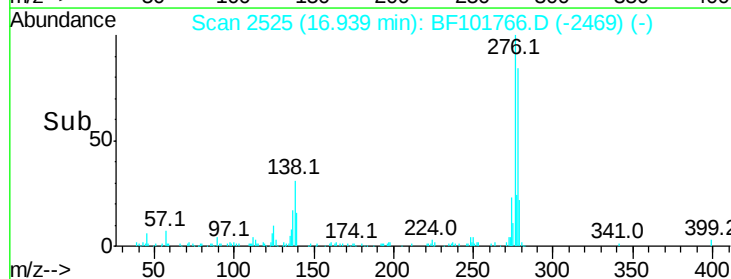
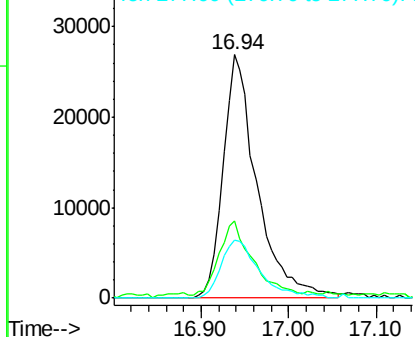


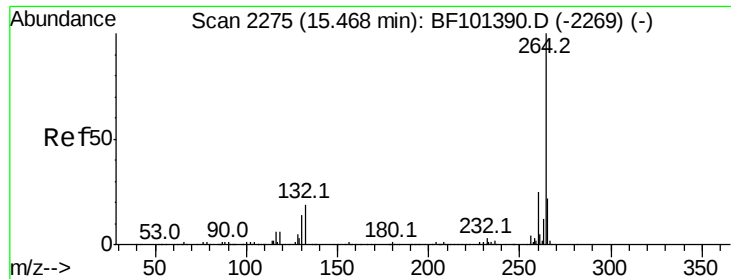
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.225 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.03 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:276 Resp: 71519
Ion Ratio Lower Upper
276 100
138 30.7 25.0 37.6
277 27.1 20.1 30.1



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



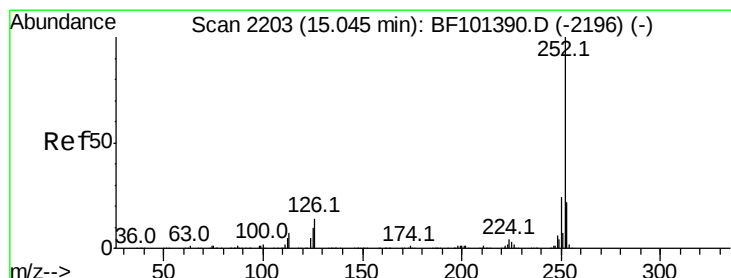
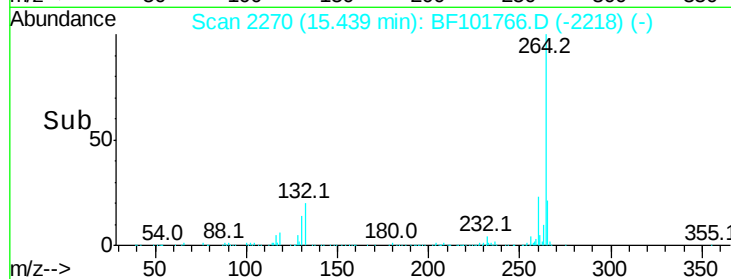
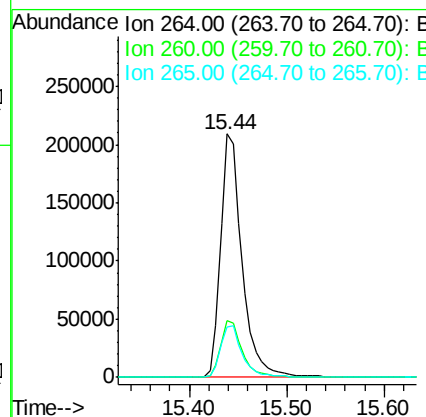
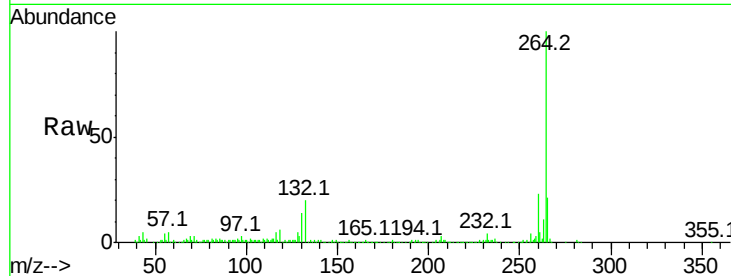


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 319296

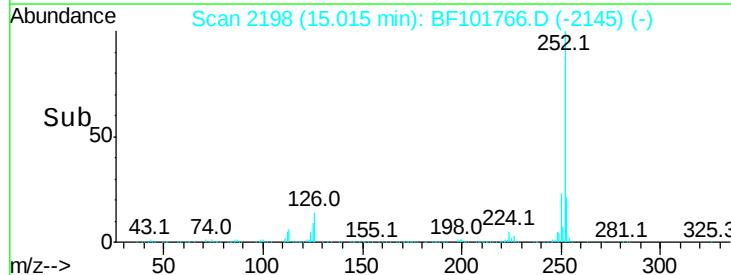
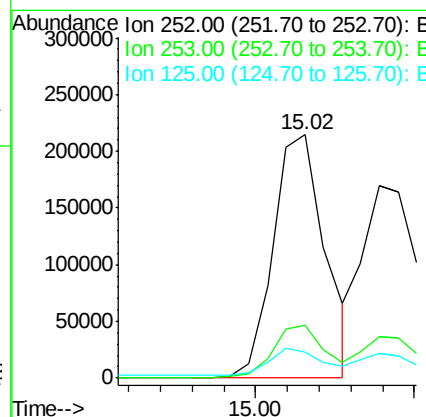
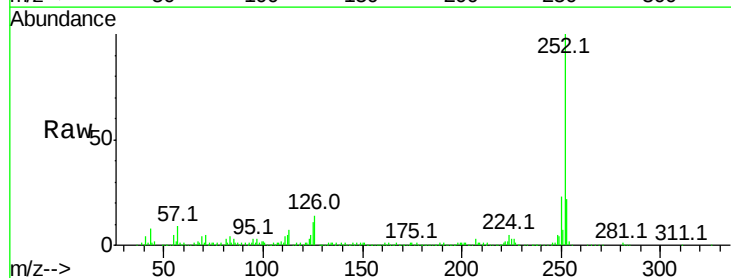
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.5	26.3

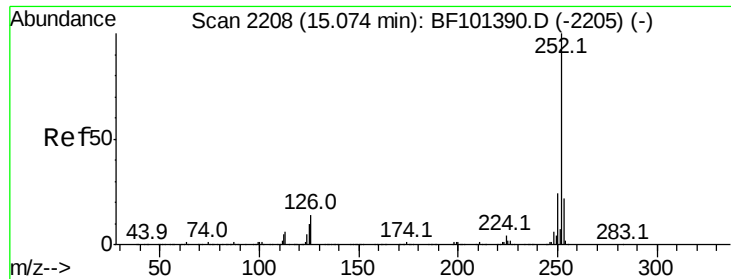


#87
Benzo(b)fluoranthene
Concen: 12.602 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:252 Resp: 245263

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	10.6	9.0	13.6

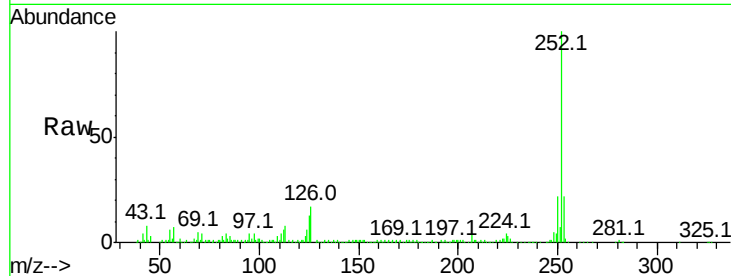




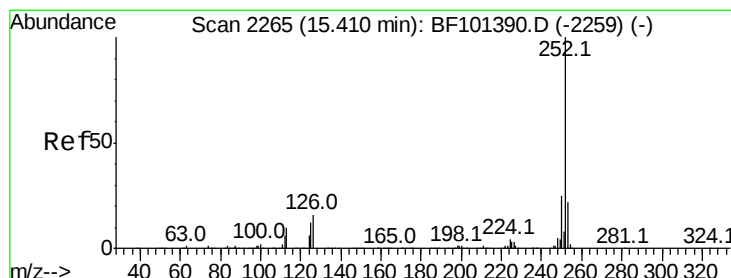
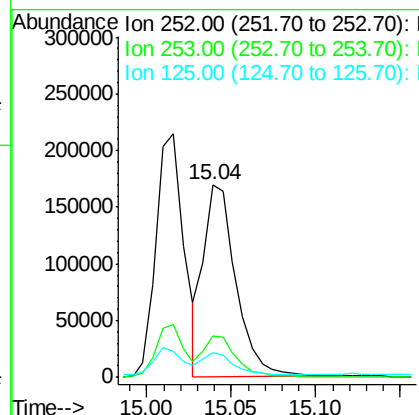
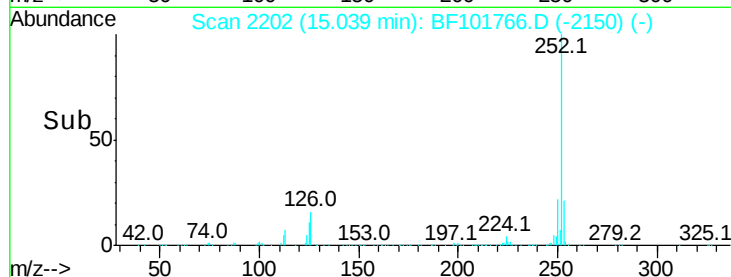
#88
Benzo(k)fluoranthene
Concen: 11.944 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 226012
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.5 10.2 15.2

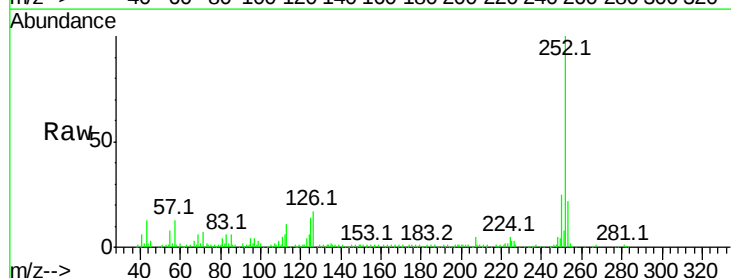


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

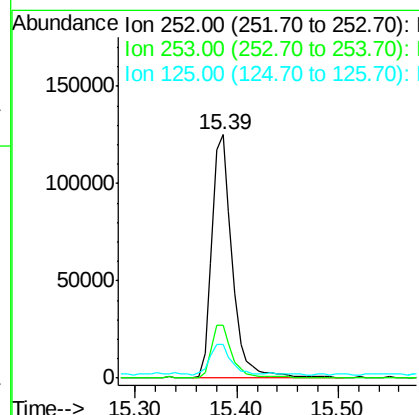
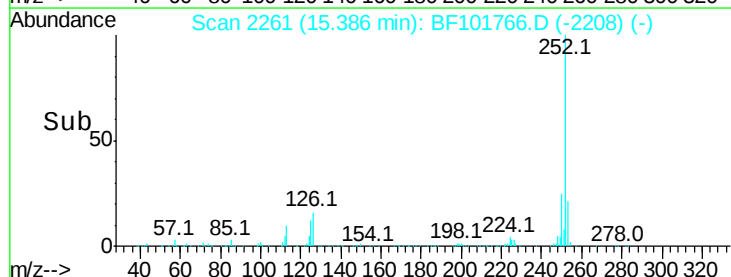


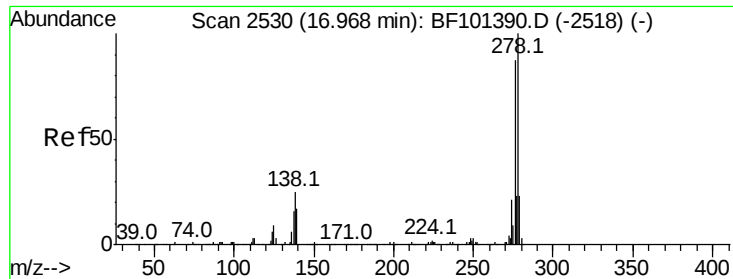
#89
Benzo(a)pyrene
Concen: 9.794 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:252 Resp: 175723
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 14.0 9.8 14.6



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

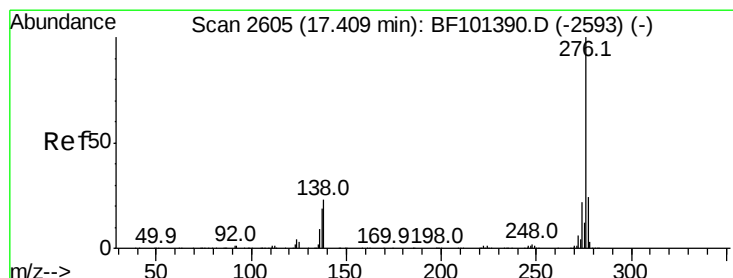
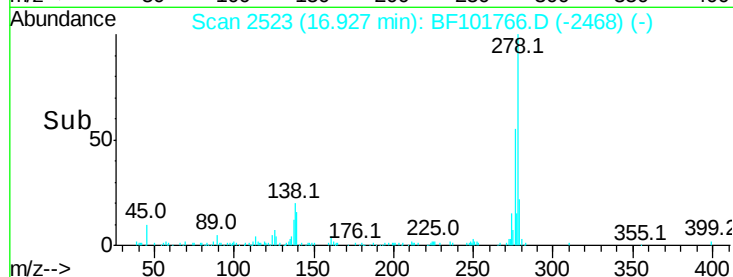
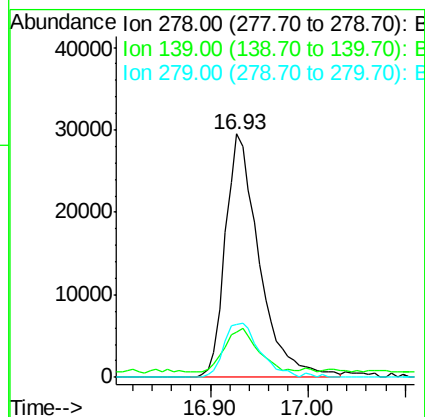
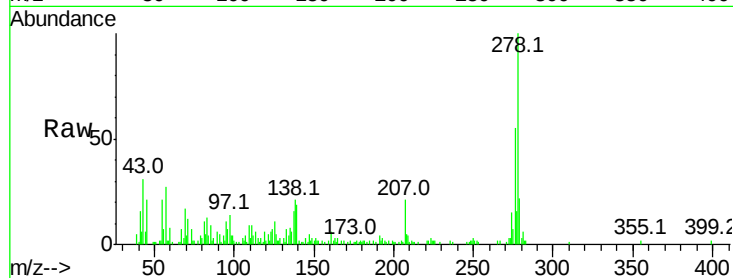




#90
Dibenzo(a,h)anthracene
Concen: 4.625 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 71246
Ion Ratio Lower Upper
278 100
139 18.8 15.9 23.9
279 21.7 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 3.731 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.06 min
Lab File: BF101766.D
Acq: 27 Dec 2017 17:01

Tgt Ion:276 Resp: 56903
Ion Ratio Lower Upper
276 100
277 23.8 17.9 26.9
138 25.4 21.8 32.8

