

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101272.D
 Acq On : 9 Dec 2017 9:18
 Operator : SJ/JU
 Sample : I6744-01MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 23:42:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45033	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	164191	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	66114	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	112022	20.00	ng	0.00
75) Chrysene-d12	14.02	240	82901	20.00	ng	0.01
86) Perylene-d12	15.49	264	63499	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	299440	109.88	ng	0.02
7) Phenol-d6	6.48	99	436431	131.90	ng	0.02
23) Nitrobenzene-d5	7.40	82	270645	98.33	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	59572	75.01	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	471934	97.66	ng	0.00
78) Terphenyl-d14	12.94	244	367768	97.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	44086	39.121	ng	97
3) Pyridine	3.37	79	121843	41.708	ng	96
4) n-Nitrosodimethylamine	3.34	42	69510	48.716	ng	# 85
6) Aniline	6.50	93	110460	25.673	ng	# 85
8) 2-Chlorophenol	6.62	128	129332	43.525	ng	95
9) Benzaldehyde	6.38	77	43411	21.437	ng	91
10) Phenol	6.49	94	179185	48.704	ng	83
11) bis(2-Chloroethyl)ether	6.57	93	130107	47.148	ng	98
12) 1,3-Dichlorobenzene	6.77	146	155232	44.865	ng	97
13) 1,4-Dichlorobenzene	6.85	146	160023	44.672	ng	98
14) 1,2-Dichlorobenzene	7.00	146	147472	44.136	ng	96
15) Benzyl Alcohol	6.98	79	106945	41.849	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	191601	51.079	ng	86
17) 2-Methylphenol	7.09	107	110383	46.005	ng	# 93
18) Hexachloroethane	7.33	117	27265	23.691	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	93479	41.951	ng	92
20) 3+4-Methylphenols	7.25	107	140836	45.008	ng	# 64
22) Acetophenone	7.25	105	181731	45.813	ng	# 91
24) Nitrobenzene	7.42	77	130710	48.454	ng	98
25) Isophorone	7.65	82	243997	51.898	ng	99
26) 2-Nitrophenol	7.73	139	24697	16.678	ng	95
27) 2,4-Dimethylphenol	7.77	122	121132	56.546	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	155355	49.165	ng	98
29) 2,4-Dichlorophenol	7.98	162	99658	42.739	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	119118	46.458	ng	95
31) Naphthalene	8.14	128	375555	46.410	ng	100
32) Benzoic acid	7.77	122	121132	72.703	ng	# 13
33) 4-Chloroaniline	8.19	127	78167	24.041	ng	98
34) Hexachlorobutadiene	8.25	225	71430	45.422	ng	97
35) Caprolactam	8.56	113	29507	40.605	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	105551	43.699	ng	97
37) 2-Methylnaphthalene	8.83	142	239832	43.618	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	108119	45.016	ng	# 95
42) 2,4,6-Trichlorophenol	9.11	196	45544	32.348	ng	97

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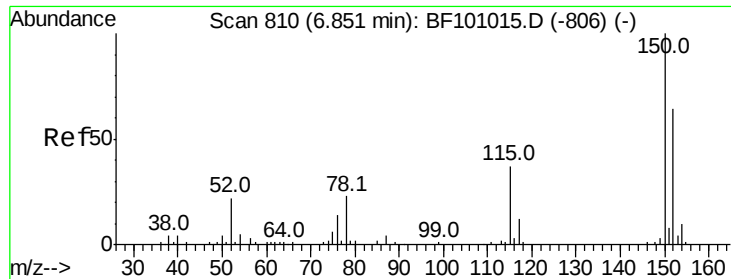
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 23:42:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.16	196	54534	36.230	ng	94
45) 1,1'-Biphenyl	9.29	154	269555	44.500	ng	97
46) 2-Chloronaphthalene	9.32	162	209171	48.624	ng	96
47) 2-Nitroaniline	9.42	65	67132	52.746	ng	96
48) Acenaphthylene	9.73	152	309395	43.764	ng	99
49) Dimethylphthalate	9.59	163	311826	58.483	ng	99
50) 2,6-Dinitrotoluene	9.66	165	38907	34.645	ng	# 82
51) Acenaphthene	9.90	154	181439	42.861	ng	99
52) 3-Nitroaniline	9.83	138	64374	50.972	ng	94
54) Dibenzofuran	10.07	168	272060	44.597	ng	99
55) 4-Nitrophenol	10.00	139	21148	24.830	ng	93
56) 2,4-Dinitrotoluene	10.07	165	40842	27.137	ng	# 94
57) Fluorene	10.42	166	206854	41.712	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	27355	22.698	ng	# 88
59) Diethylphthalate	10.29	149	240198	45.673	ng	98
60) 4-Chlorophenyl-phenylether	10.41	204	103730	42.364	ng	92
61) 4-Nitroaniline	10.45	138	63088	48.123	ng	93
62) Azobenzene	10.57	77	176278	39.496	ng	95
65) n-Nitrosodiphenylamine	10.53	169	193162	48.877	ng	97
66) 4-Bromophenyl-phenylether	10.90	248	60273	48.069	ng	89
67) Hexachlorobenzene	10.97	284	60828	45.264	ng	# 88
68) Atrazine	11.06	200	42236	34.840	ng	97
69) Pentachlorophenol	11.17	266	19787	26.779	ng	97
70) Phenanthrene	11.39	178	371545	60.228	ng	98
71) Anthracene	11.44	178	304651	48.794	ng	99
72) Carbazole	11.60	167	262435	46.004	ng	99
73) Di-n-butylphthalate	11.92	149	328023	45.876	ng	99
74) Fluoranthene	12.58	202	424101	62.019	ng	95
76) Benzidine	12.70	184	129515	48.043	ng	96
77) Pyrene	12.82	202	408019	71.327	ng	99
79) Butylbenzylphthalate	13.42	149	130040	51.561	ng	94
80) Benzo(a)anthracene	14.00	228	281773	53.833	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	75709	41.765	ng	# 94
82) Chrysene	14.04	228	256780	52.823	ng	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	188668	52.465	ng	99
84) Di-n-octyl phthalate	14.59	149	286122	47.787	ng	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	171155	39.603	ng	# 91
87) Benzo(b)fluoranthene	15.06	252	199277	52.394	ng	99
88) Benzo(k)fluoranthene	15.06	252	199277	53.180	ng	97
89) Benzo(a)pyrene	15.43	252	178275	51.557	ng	99
90) Dibenzo(a,h)anthracene	16.99	278	138585	45.462	ng	96
91) Benzo(g,h,i)perylene	17.43	276	140318	48.843	ng	# 92

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

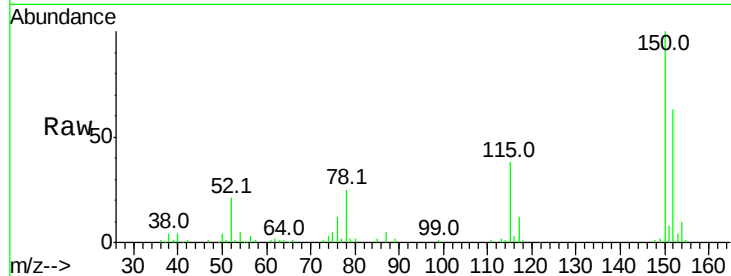


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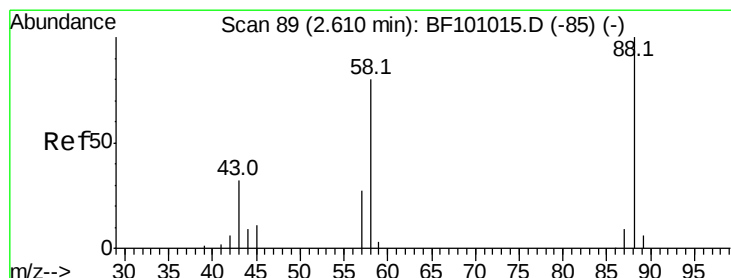
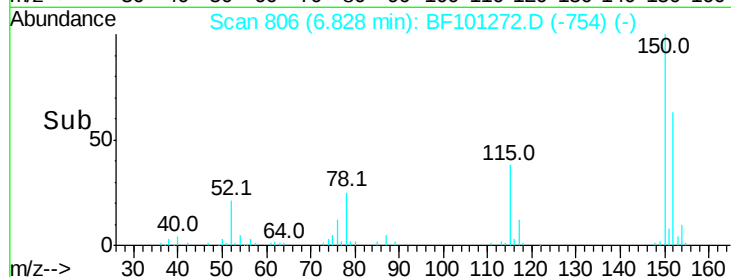
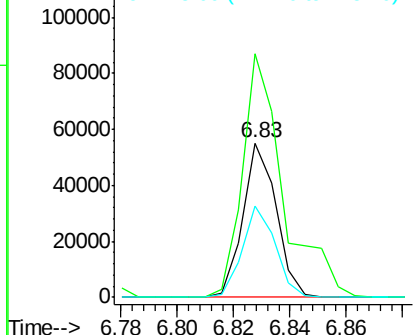
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45033
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.3 50.1 75.1



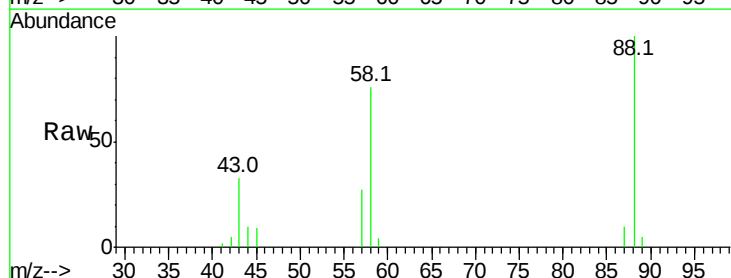
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



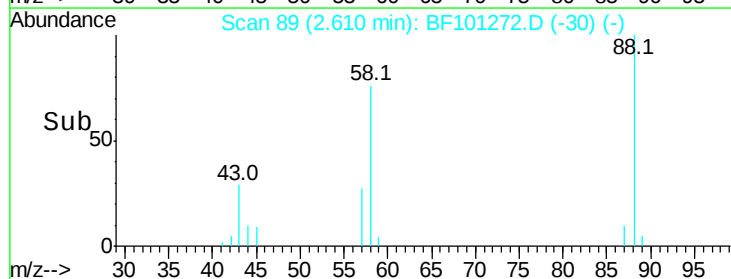
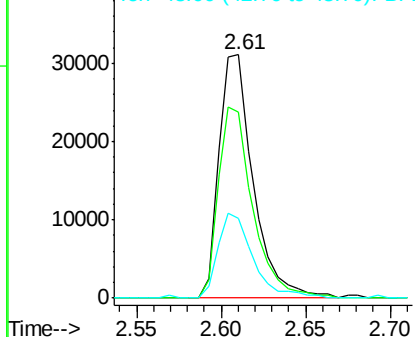
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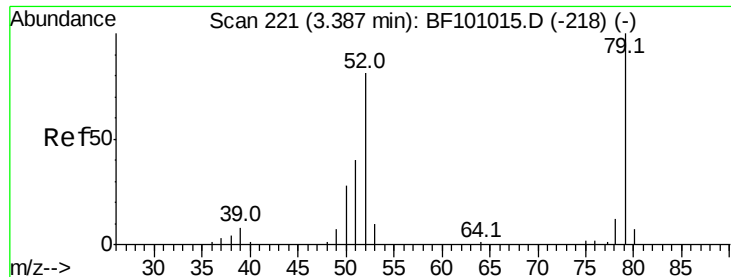
1,4-Dioxane
Concen: 39.121 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.05 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion: 88 Resp: 44086
Ion Ratio Lower Upper
88 100
58 78.7 62.6 93.8
43 35.8 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

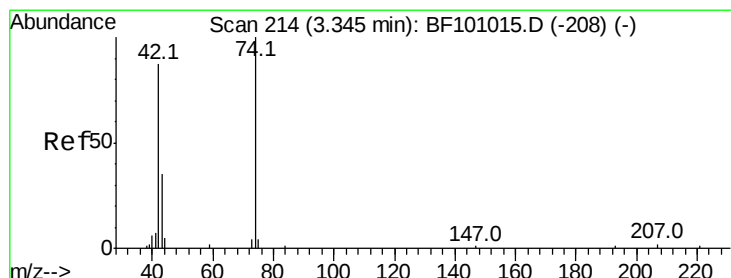
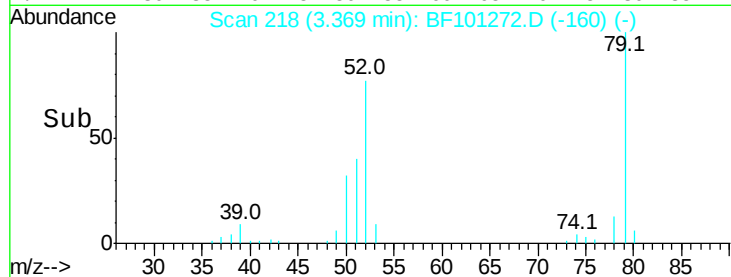
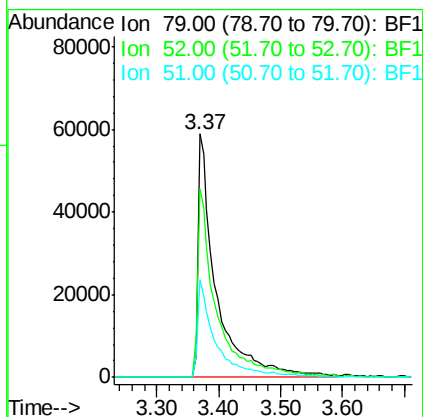
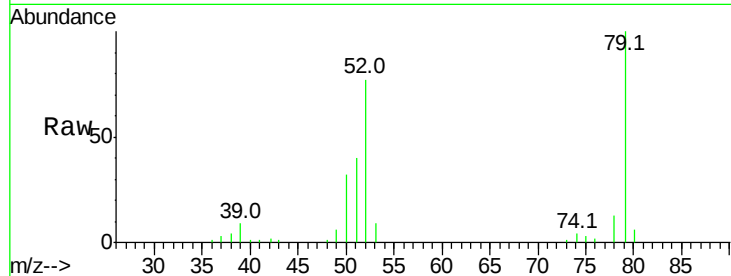




#3
 Pvridine
 Concen: 41.708 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.04 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

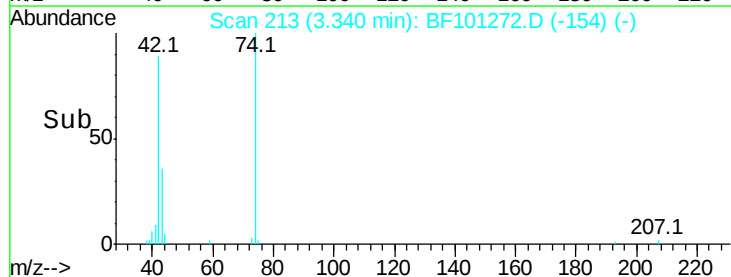
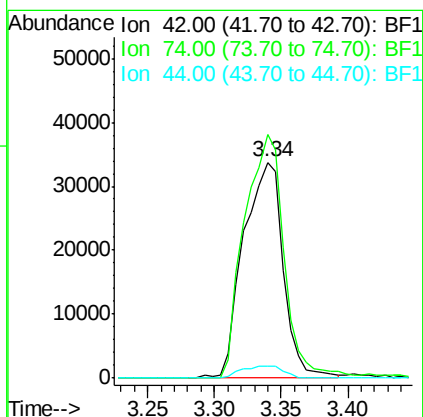
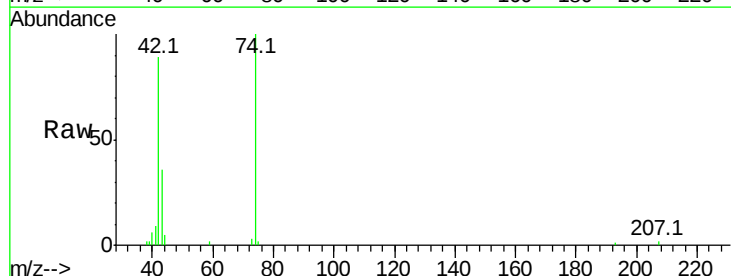
Instrument :
 BNA_F
 ClientSampleId :

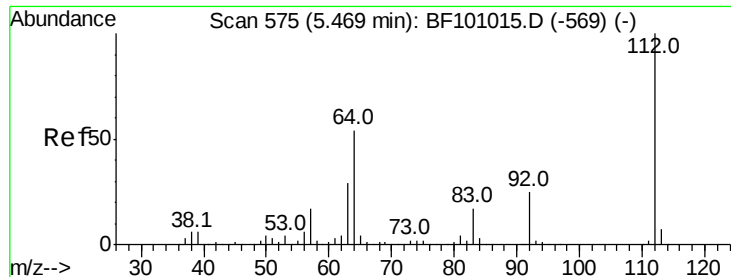
Tot Ion: 79 Resp: 121843
 Ion Ratio Lower Upper
 79 100
 52 77.5 59.8 89.6
 51 40.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 48.716 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.05 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion: 42 Resp: 69510
 Ion Ratio Lower Upper
 42 100
 74 112.7 104.9 157.3
 44 5.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 109.877 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

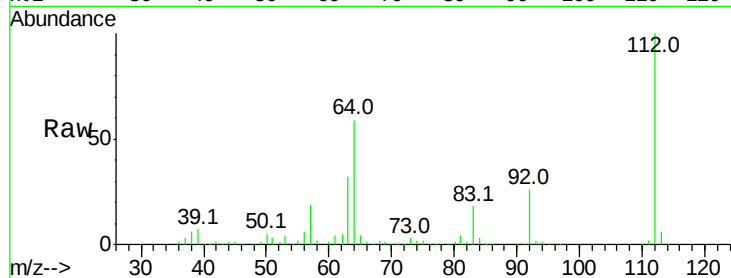
Tot Ion: 112 Resp: 299440

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

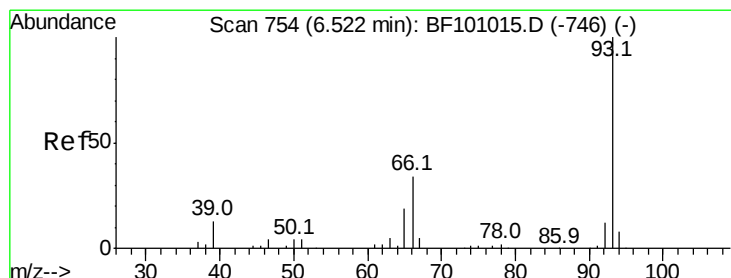
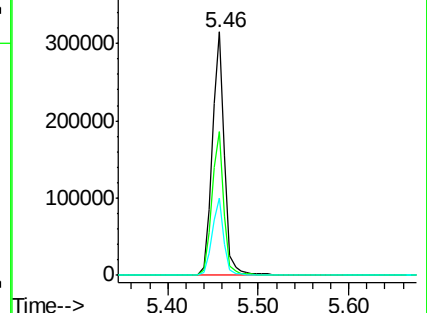
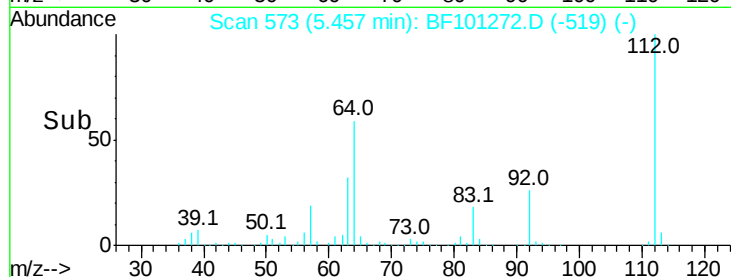
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.673 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

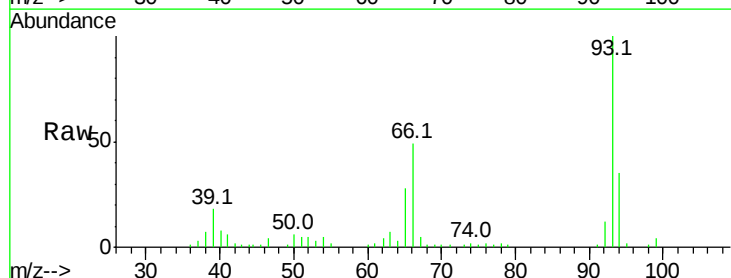
Tgt Ion: 93 Resp: 110460

Ion Ratio Lower Upper

93 100

66 49.4 32.2 48.2#

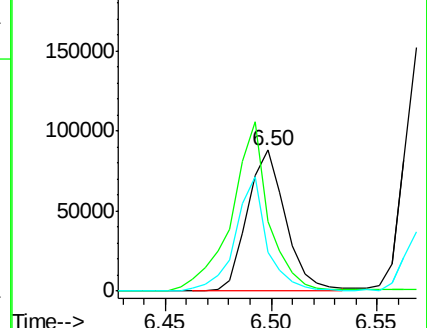
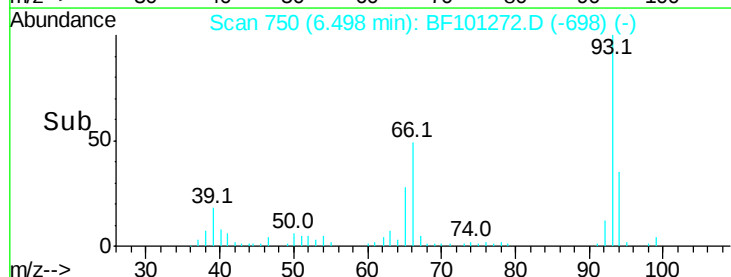
65 27.9 16.4 24.6#

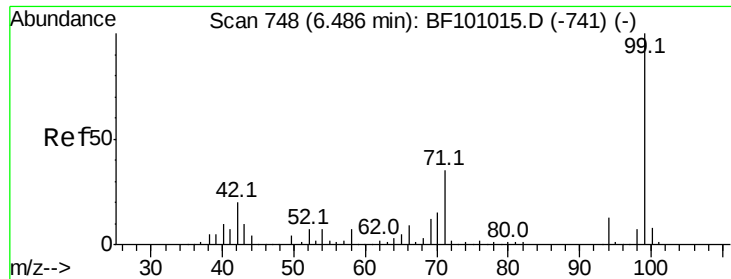


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.904 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

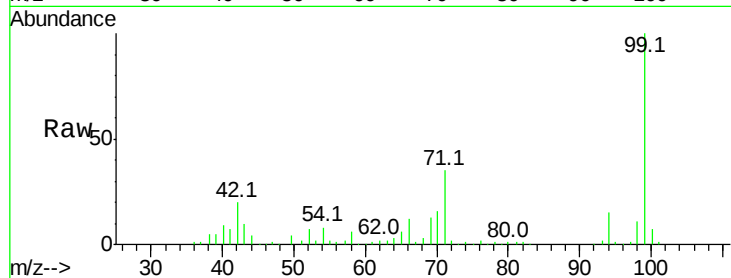
Tot Ion: 99 Resp: 436431

Ion Ratio Lower Upper

99 100

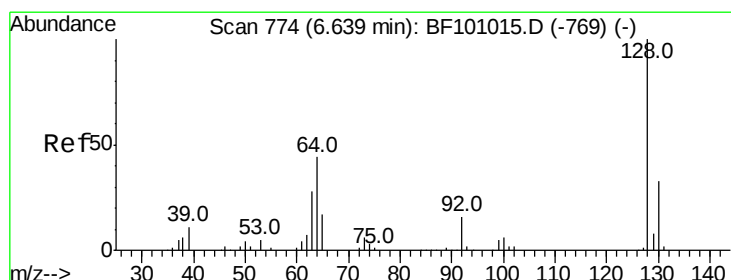
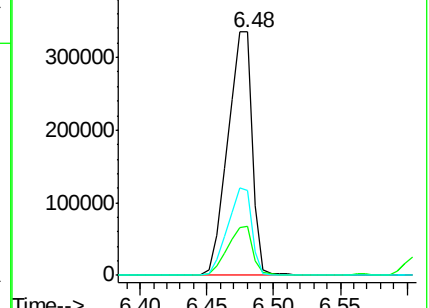
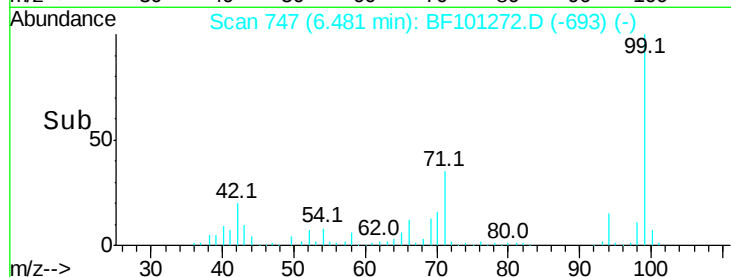
42 20.2 14.5 21.7

71 34.7 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

6.48



#8

2-Chlorophenol

Concen: 43.525 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

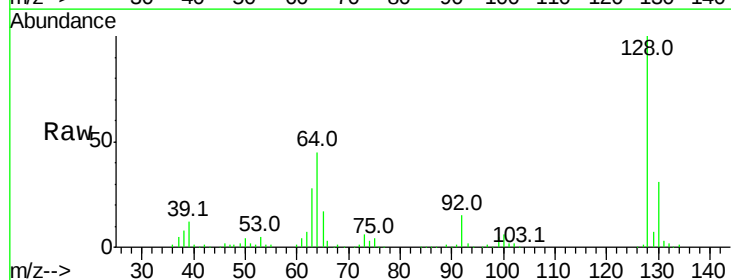
Tgt Ion: 128 Resp: 129332

Ion Ratio Lower Upper

128 100

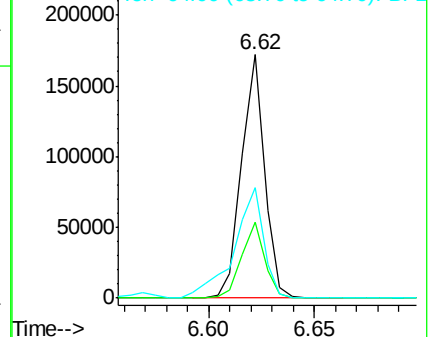
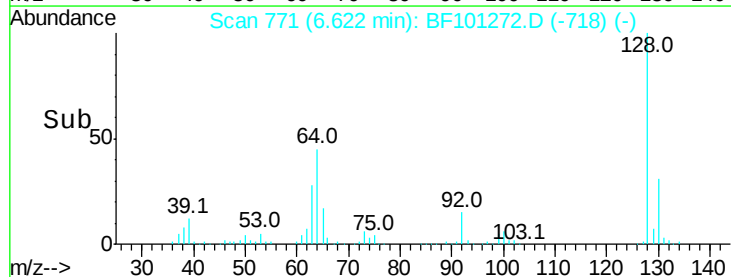
130 31.2 13.0 53.0

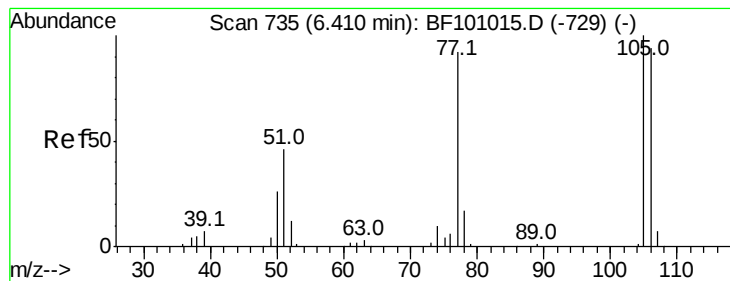
64 45.3 29.4 69.4



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

6.62





#9

Benzaldehyde

Concen: 21.437 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

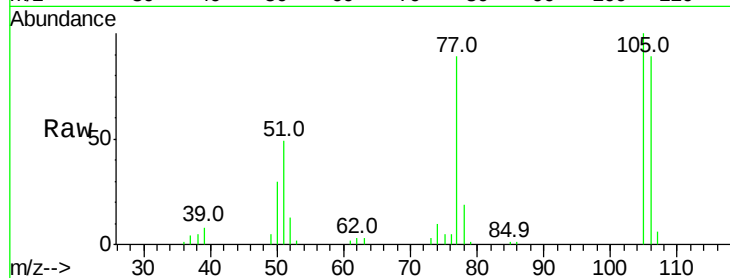
Tot Ion: 77 Resp: 43411

Ion Ratio Lower Upper

77 100

105 112.4 81.1 121.1

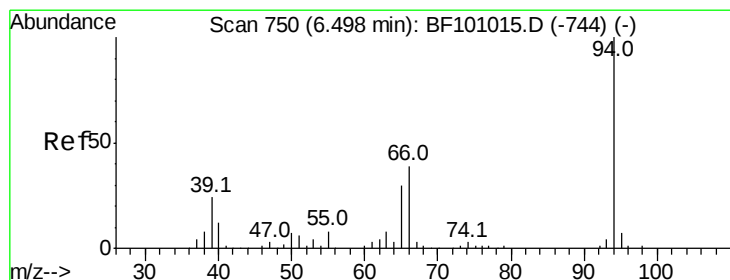
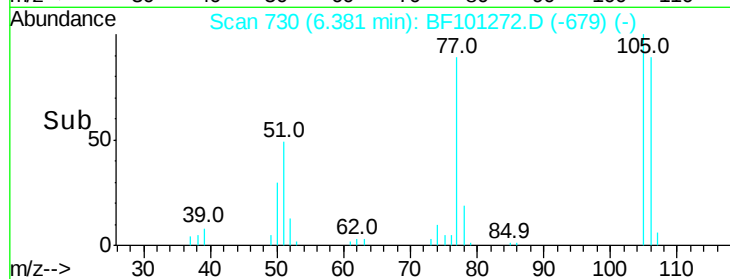
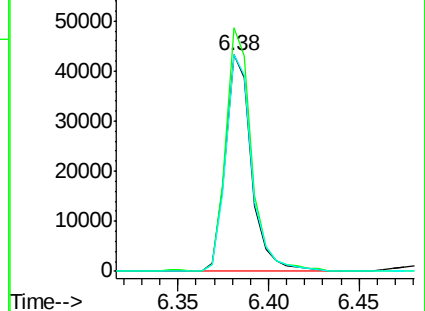
106 100.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.704 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

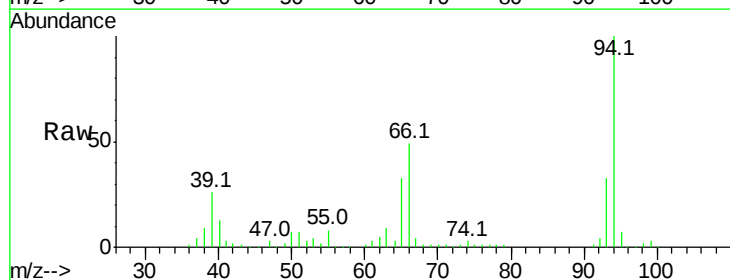
Tgt Ion: 94 Resp: 179185

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

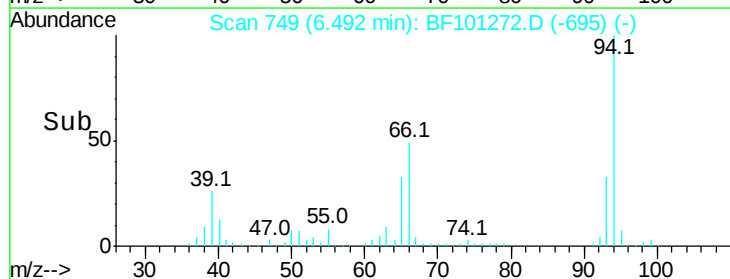
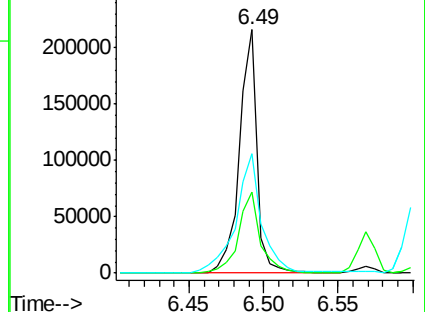
66 49.1 16.2 56.2

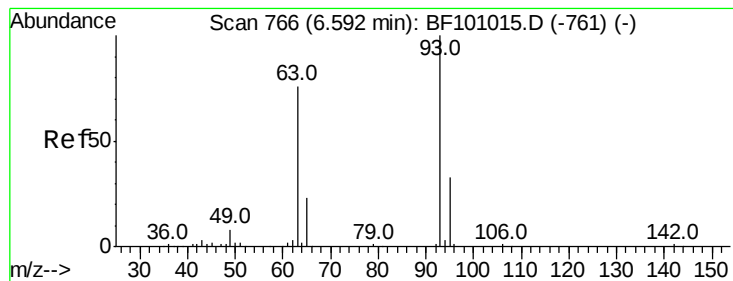


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

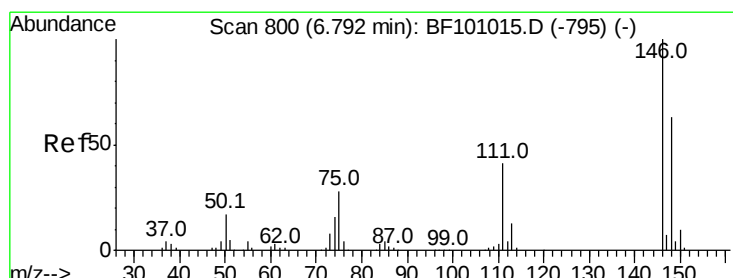
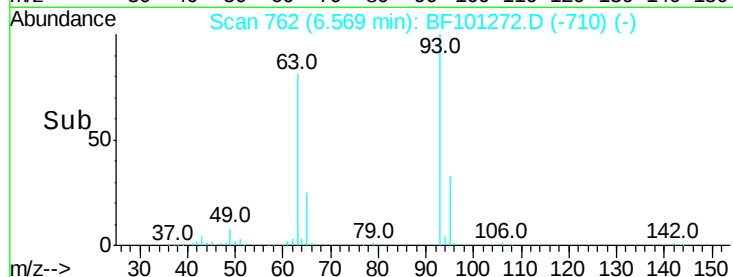
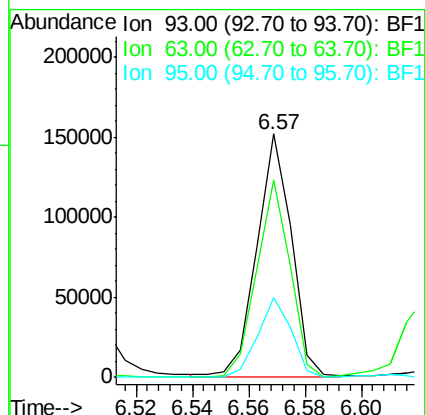
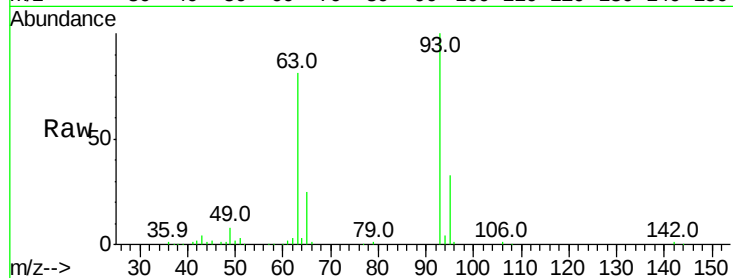




#11
bis(2-Chloroethyl)ether
Concen: 47.148 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

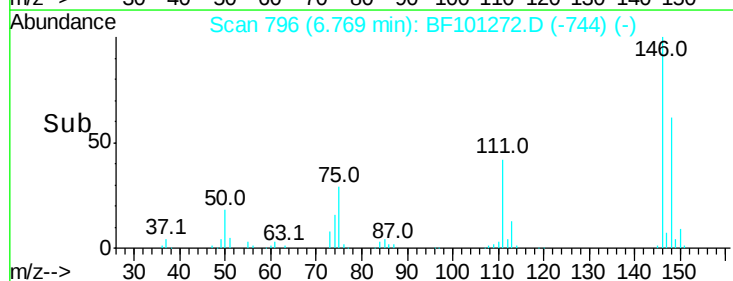
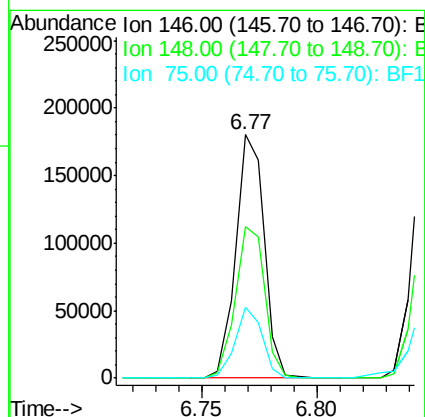
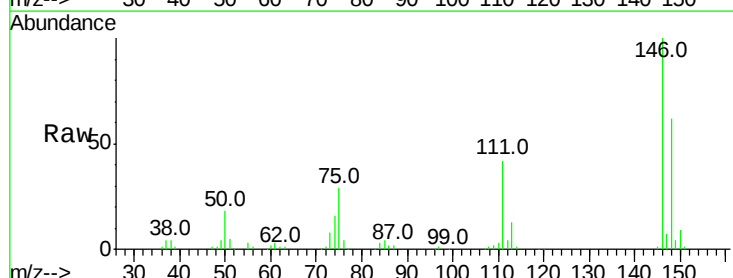
Instrument :
BNA_F
ClientSampleId :

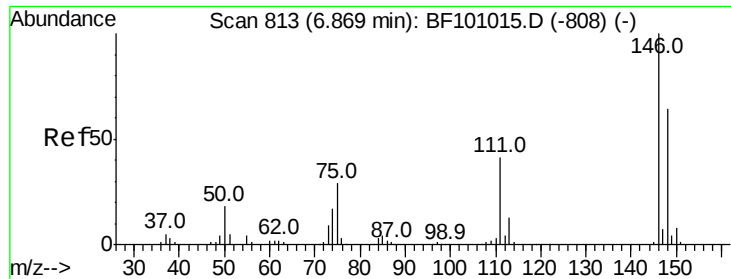
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	58.6	98.6
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 44.865 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.8	77.8
75	29.3	24.2	36.4

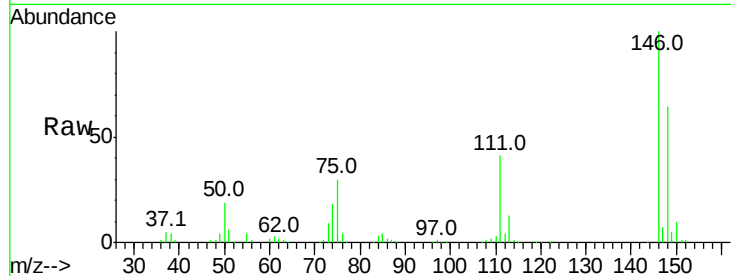




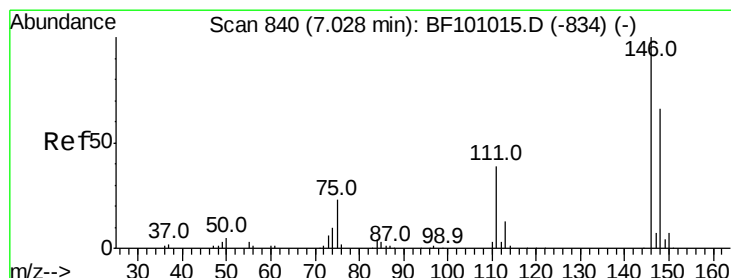
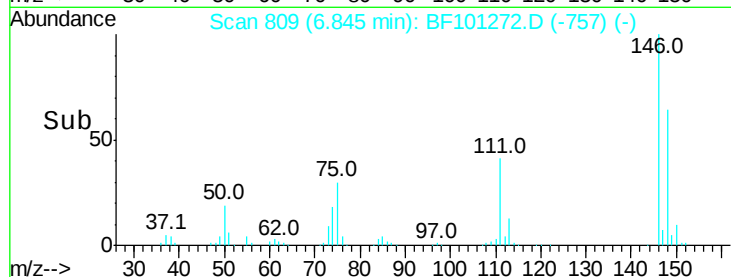
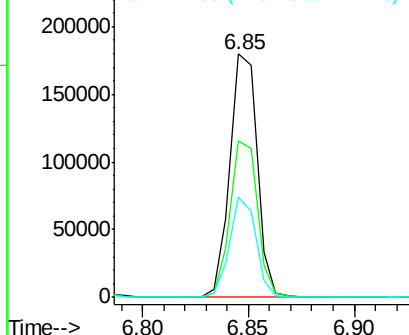
#13
 1,4-Dichlorobenzene
 Concen: 44.672 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 160023
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.1 34.2 51.2

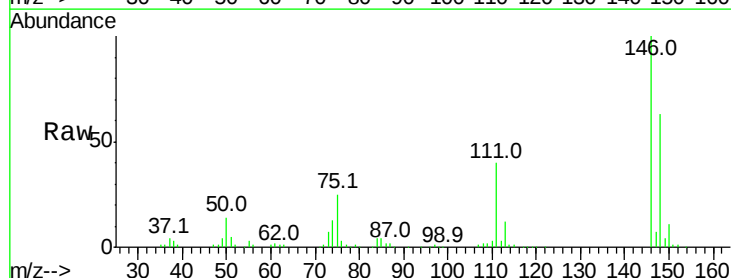


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

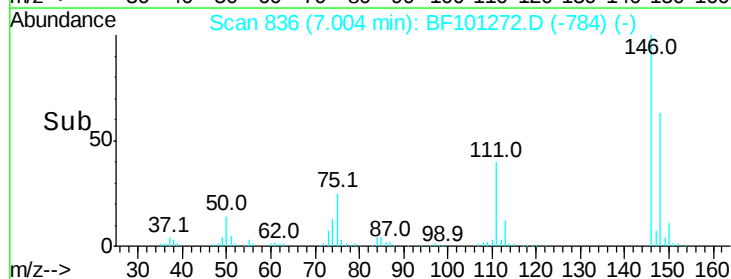
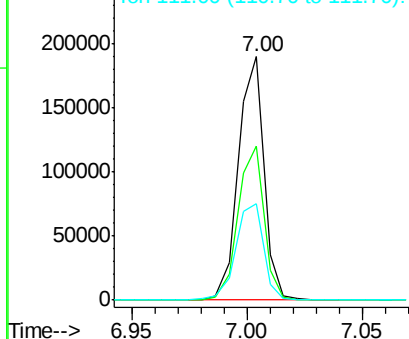


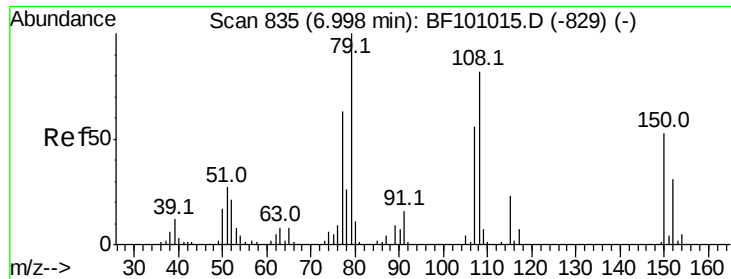
#14
 1,2-Dichlorobenzene
 Concen: 44.136 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion:146 Resp: 147472
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 39.5 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

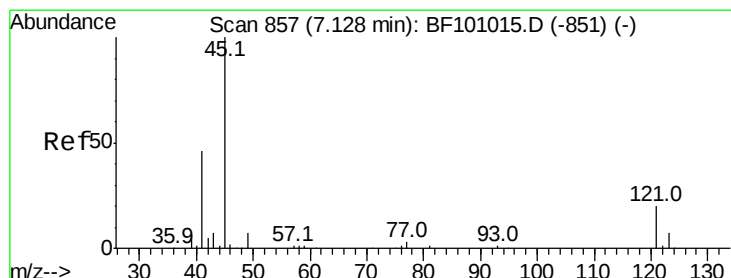
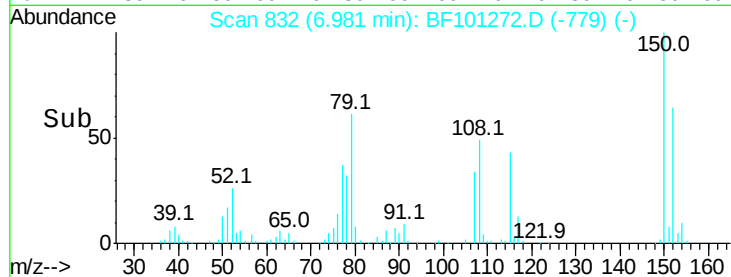
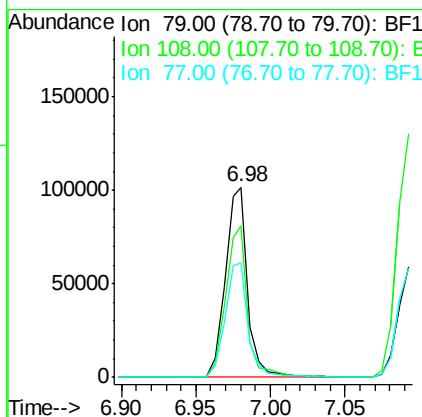
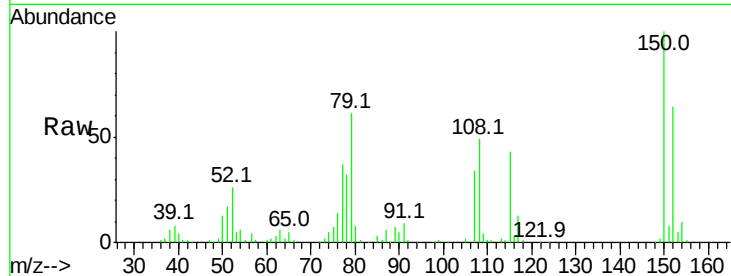




#15
Benzyl Alcohol
Concen: 41.849 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

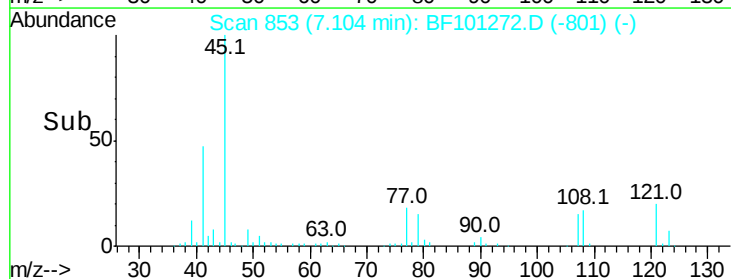
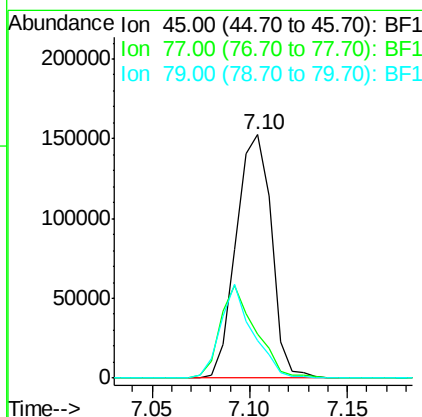
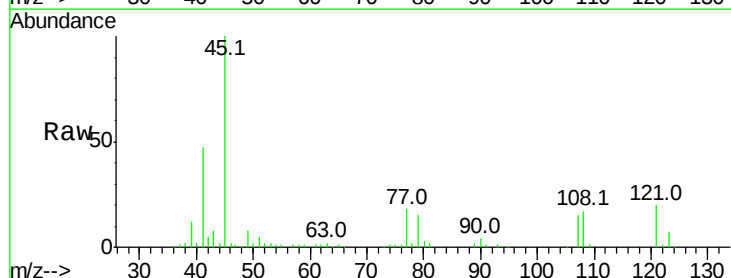
Instrument :
BNA_F
ClientSampled :

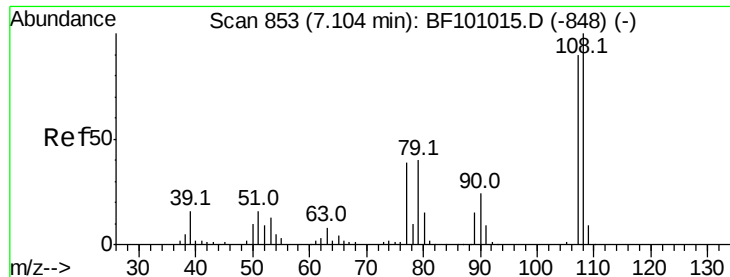
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.1	97.7
77	60.3	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 51.079 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	32.9
79	15.2	0.0	29.6





#17

2-Methylphenol

Concen: 46.005 ng

RT: 7.09 min Scan# 851

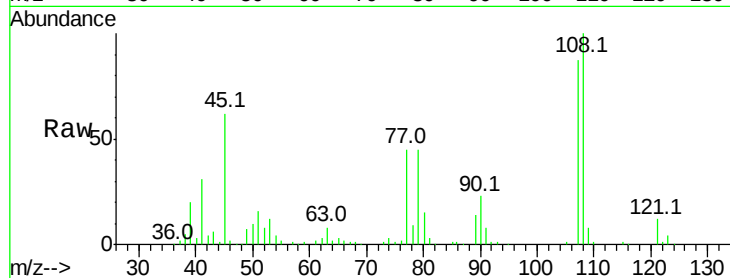
Delta R.T. 0.01 min

Lab File: BF101272.D

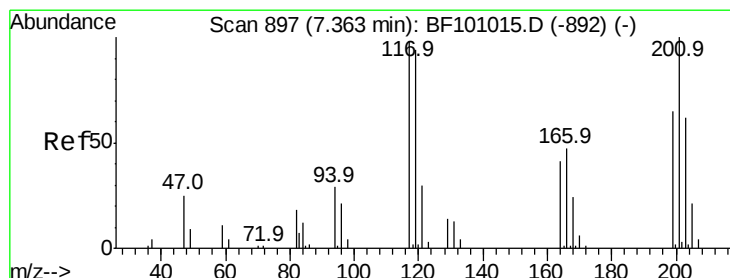
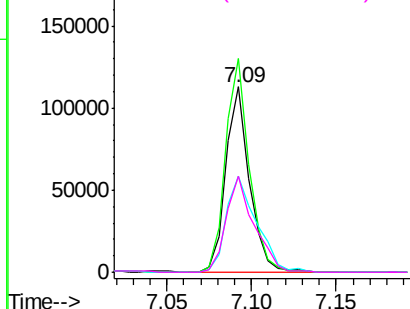
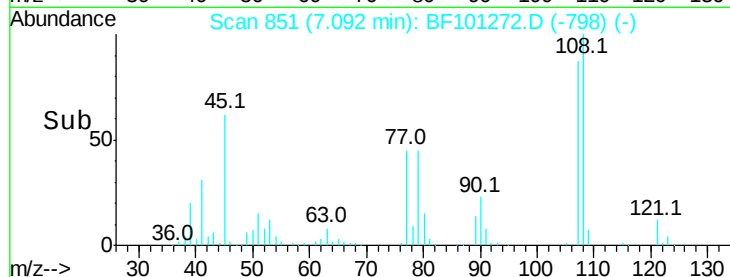
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	110383
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	51.7	33.8	50.8#
79	52.0	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: 23.691 ng

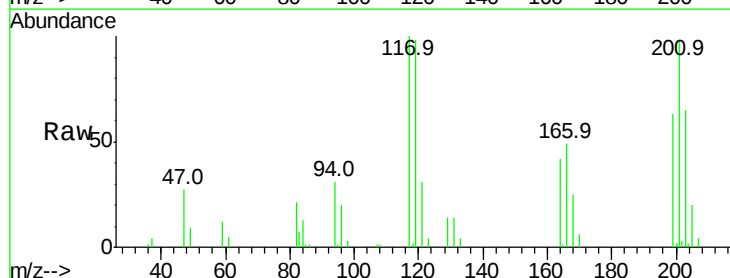
RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

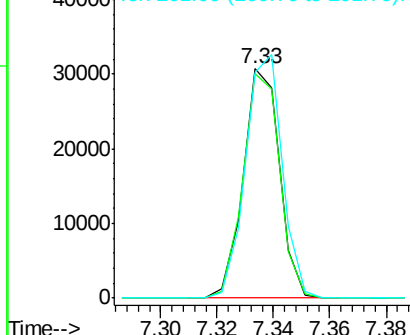
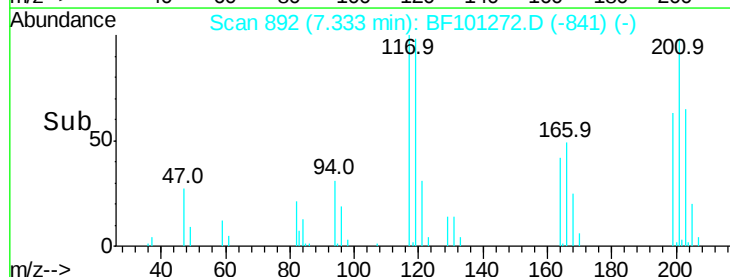
Lab File: BF101272.D

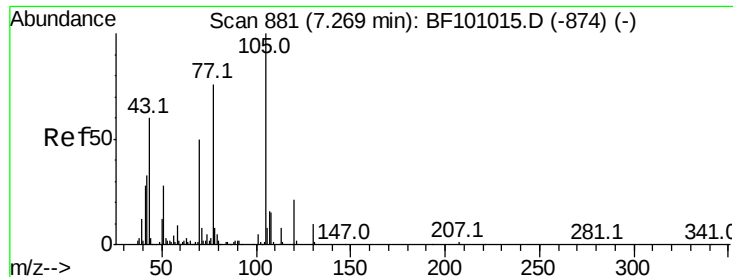
Acq: 9 Dec 2017 9:18

Tgt Ion:	117	Resp:	27265
Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.8	113.8
201	98.3	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

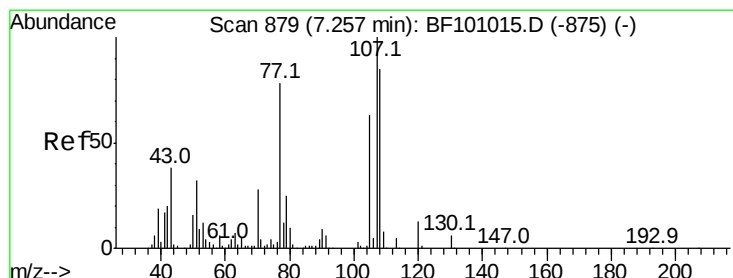
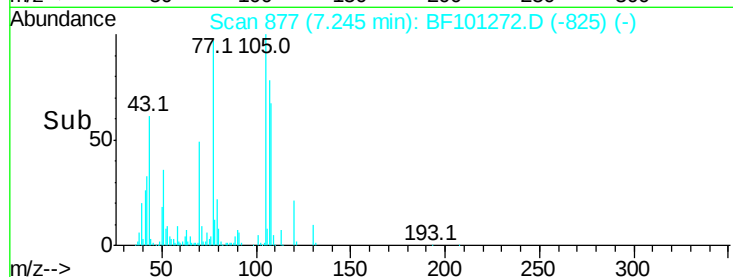
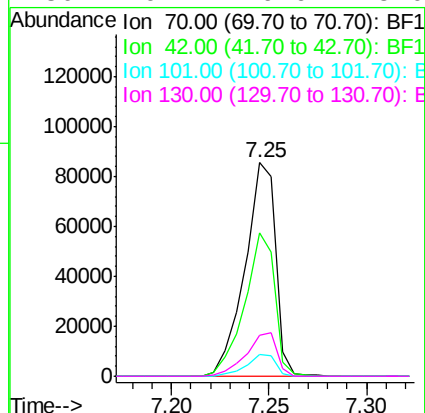
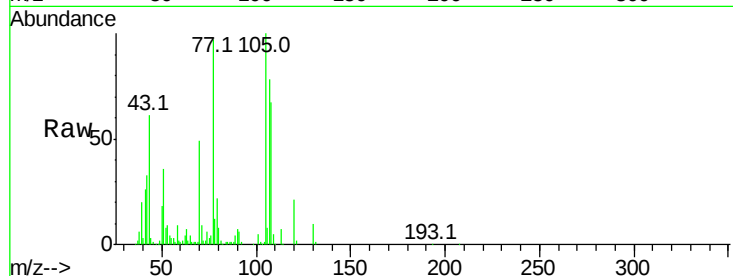




#19
n-Nitroso-di-n-propylamine
Concen: 41.951 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

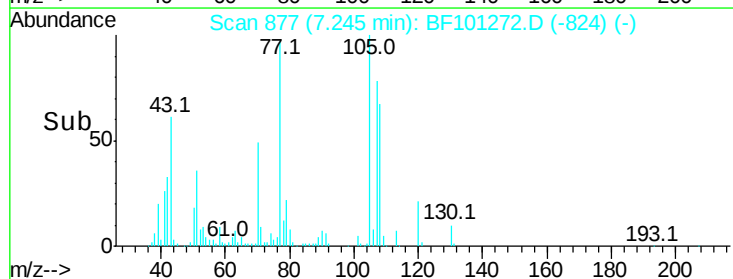
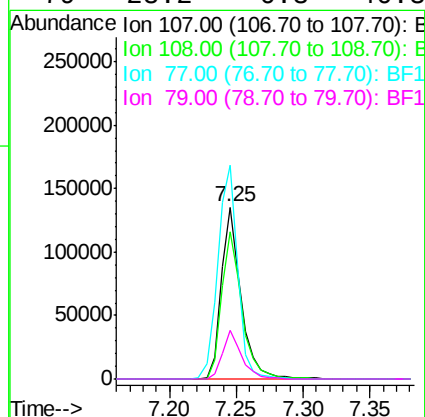
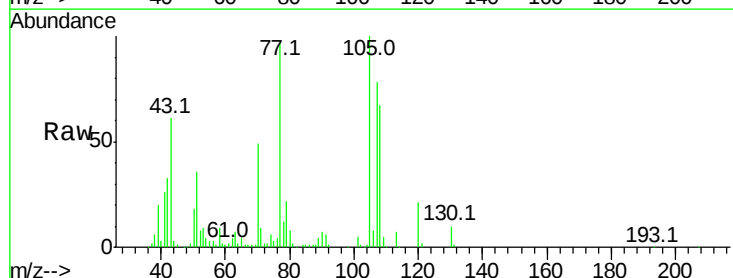
Instrument :
BNA_F
ClientSampleId :

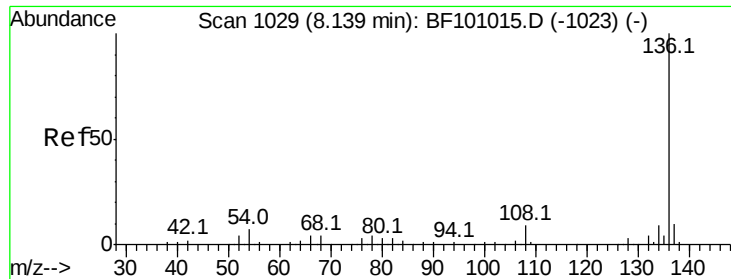
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.3	47.5	71.3
101	9.9	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.008 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.2	108.2
77	124.2	26.7	66.7#
79	28.2	6.3	46.3

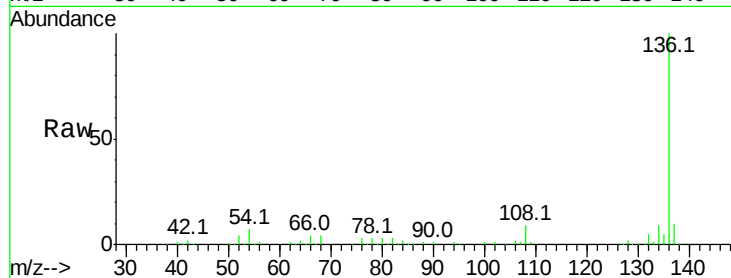




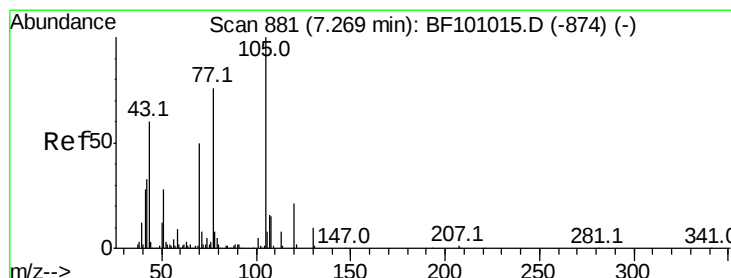
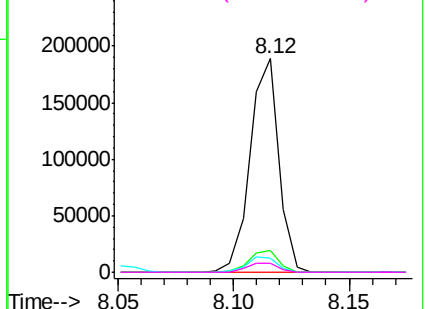
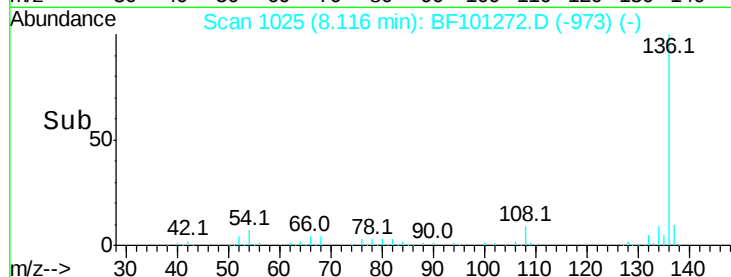
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	164191
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	6.8	6.6 9.8
68	4.2	5.0 7.4#

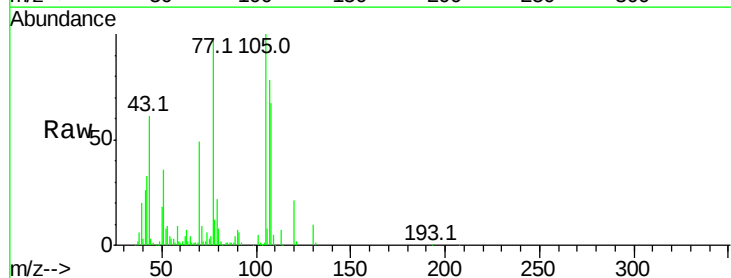


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

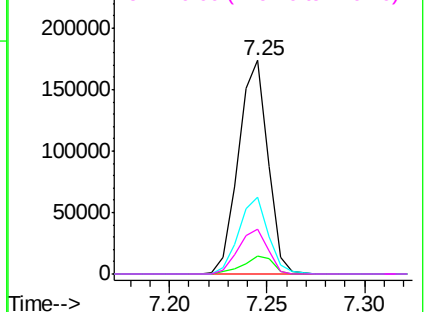
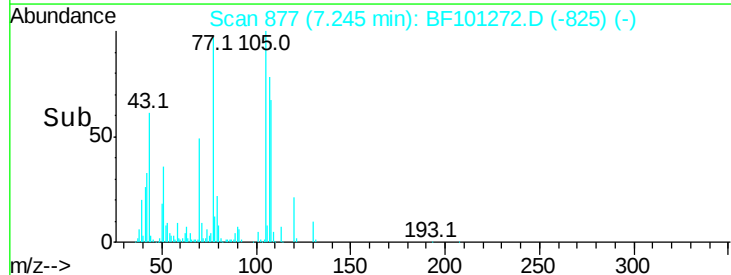


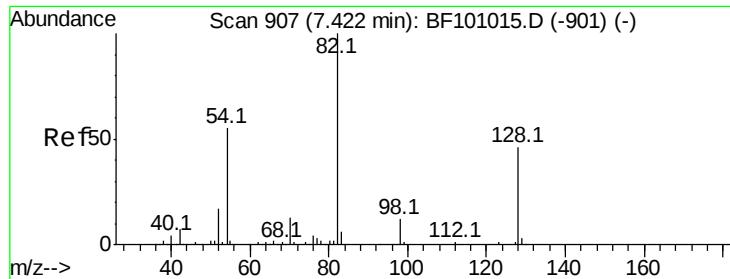
#22
Acetophenone
Concen: 45.813 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:105	Resp:	181731
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.4 6.6#
51	36.2	22.3 33.5#
120	20.8	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

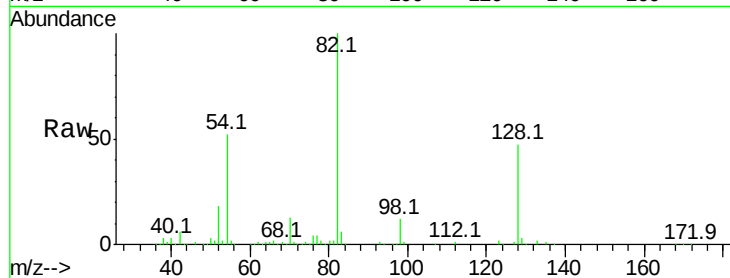




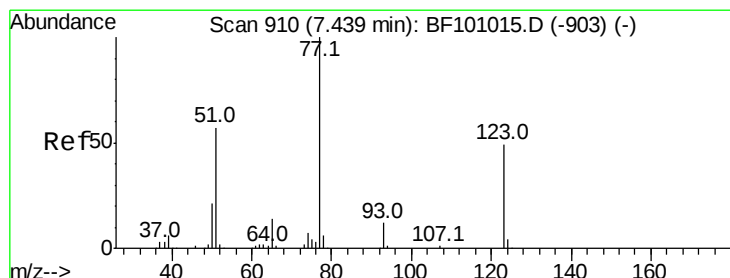
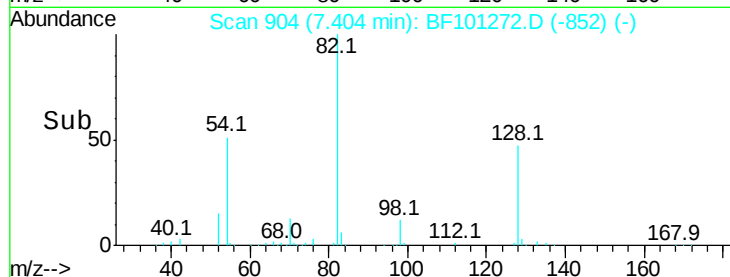
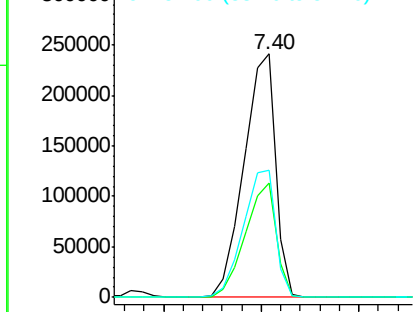
#23
 Nitrobenzene-d5
 Concen: 98.330 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 270645
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 52.3 41.4 62.2

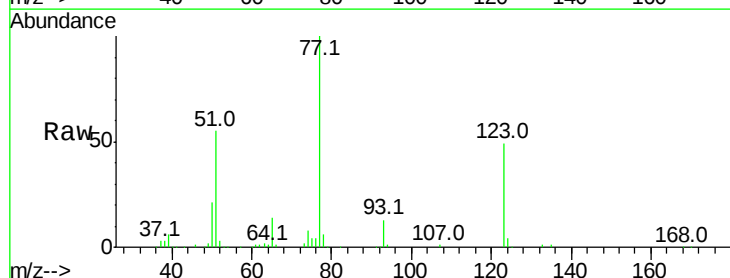


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

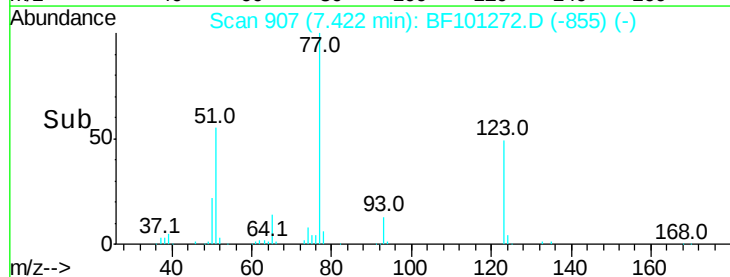
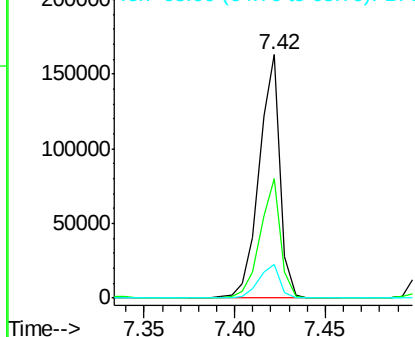


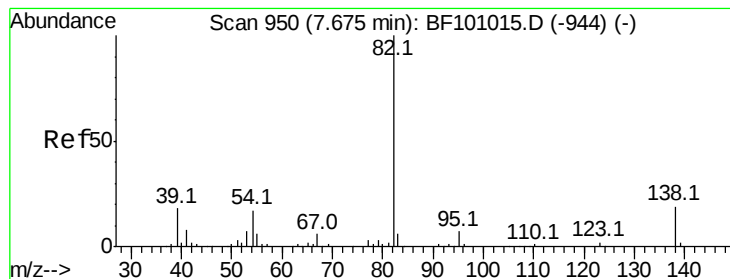
#24
 Nitrobenzene
 Concen: 48.454 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion: 77 Resp: 130710
 Ion Ratio Lower Upper
 77 100
 123 49.0 37.9 56.9
 65 13.8 11.0 16.4



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





#25

Isophorone

Concen: 51.898 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

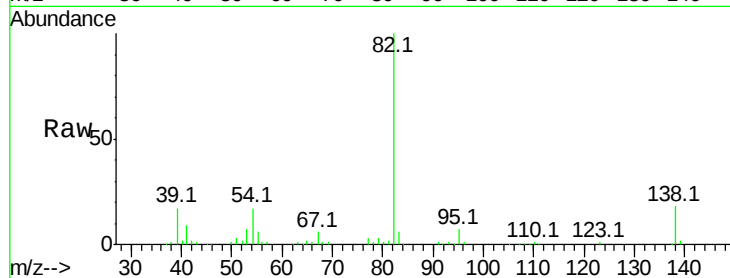
Tot Ion: 82 Resp: 243997

Ion Ratio Lower Upper

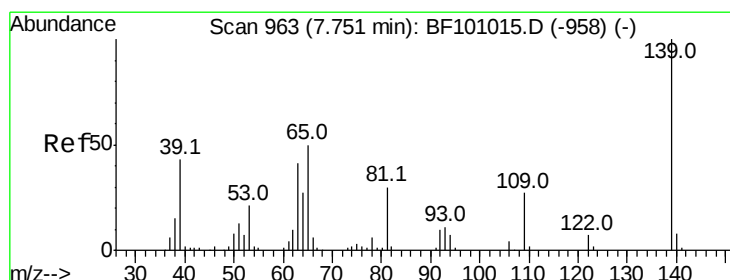
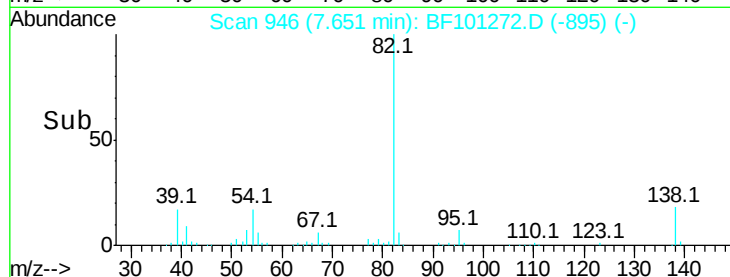
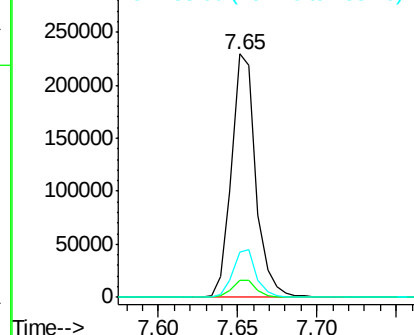
82 100

95 6.8 5.2 7.8

138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 16.678 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

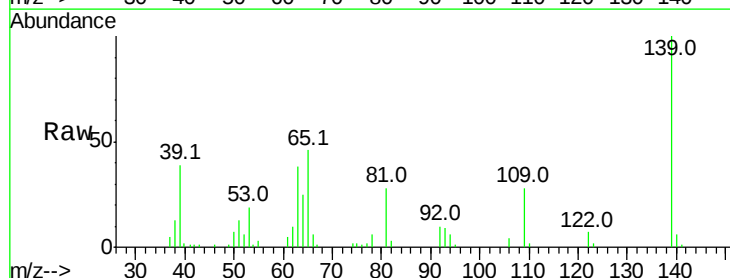
Tgt Ion: 139 Resp: 24697

Ion Ratio Lower Upper

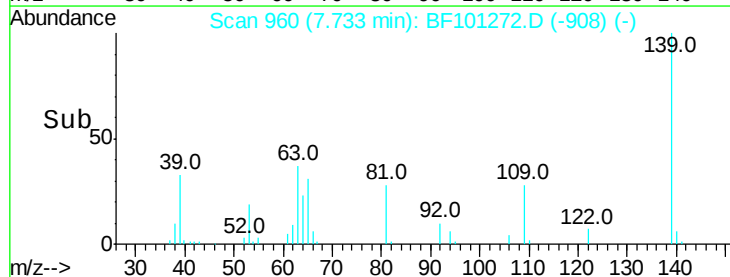
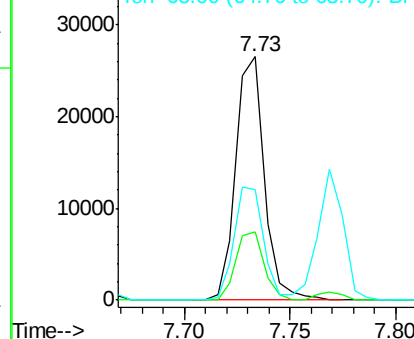
139 100

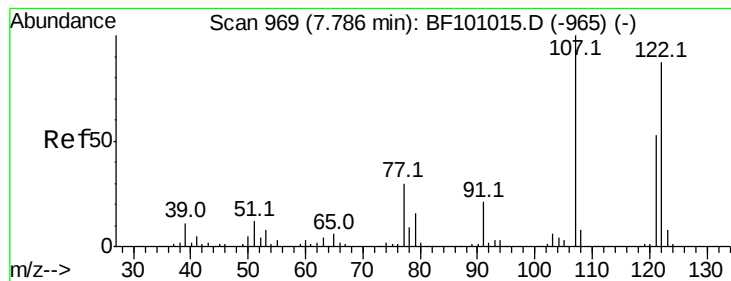
109 27.8 22.7 34.1

65 45.5 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

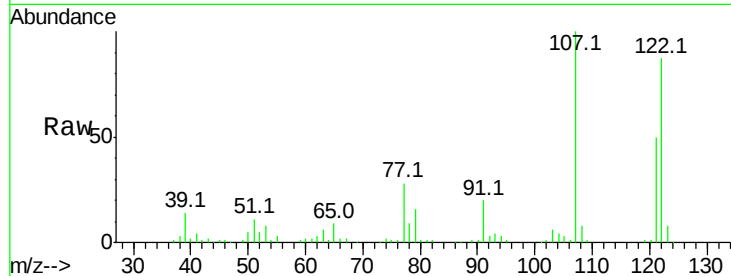




#27
 2,4-Dimethylphenol
 Concen: 56.546 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.2	136.8
121	57.7	47.2	70.8

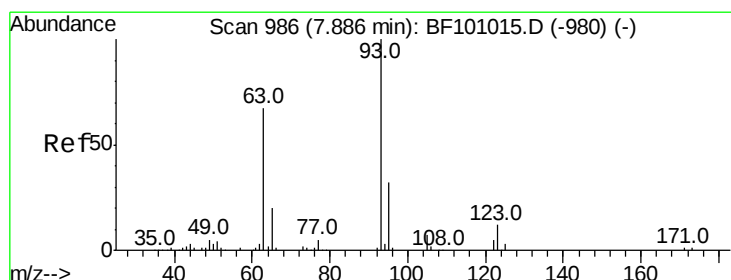
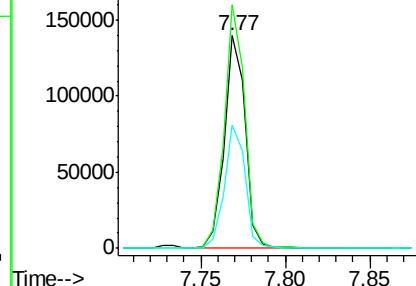
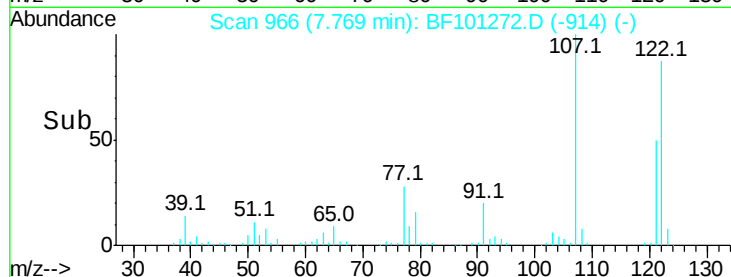


Abundance

Ion 122.00 (121.70 to 122.70): E

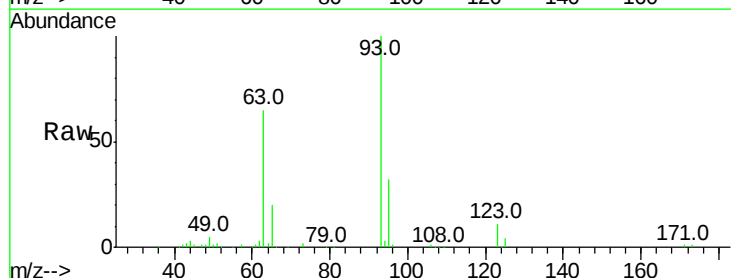
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.165 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	10.9	9.8	14.6

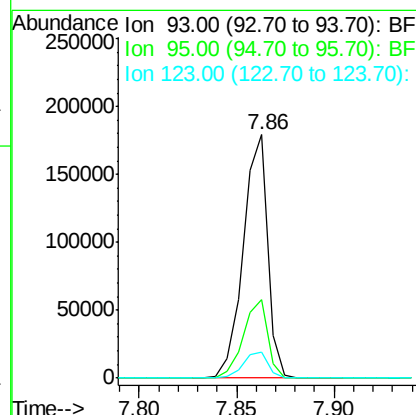
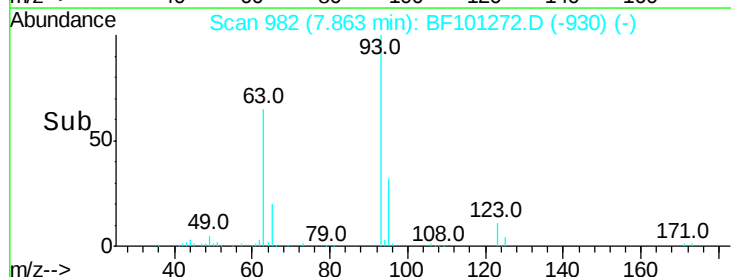


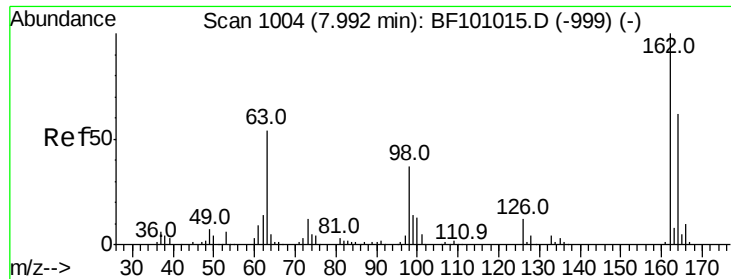
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

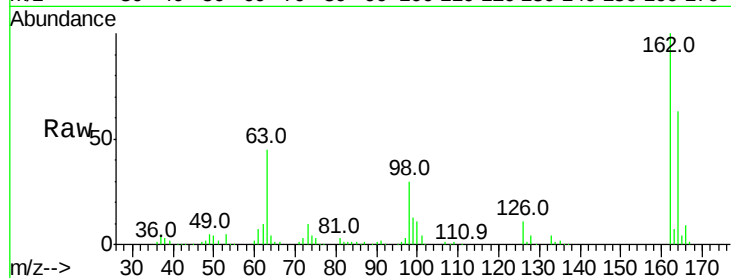




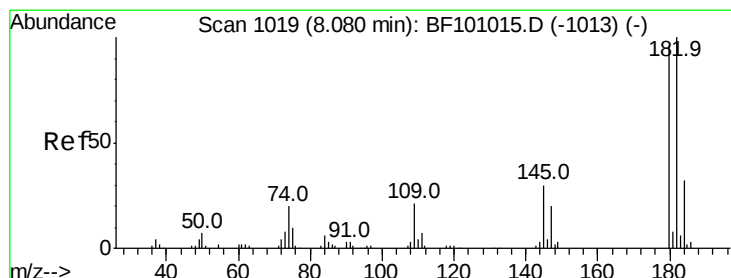
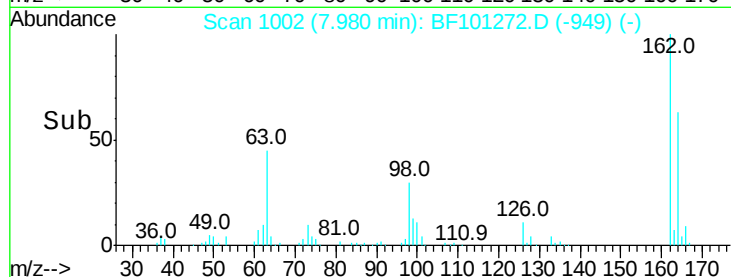
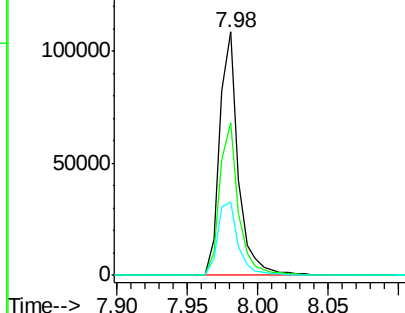
#29
2,4-Dichlorophenol
Concen: 42.739 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.7	82.7
98	30.3	18.1	58.1

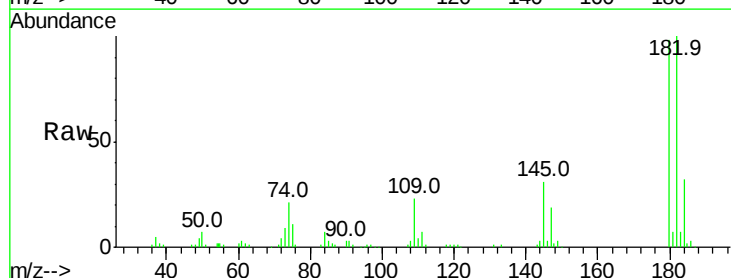


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

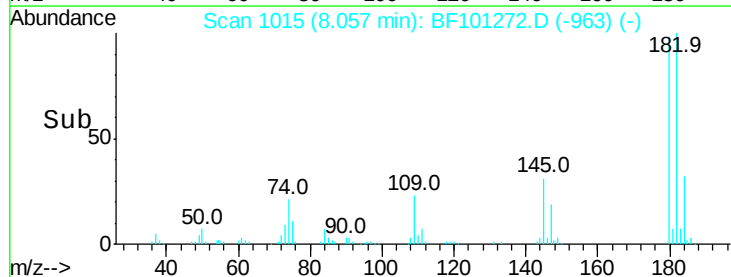
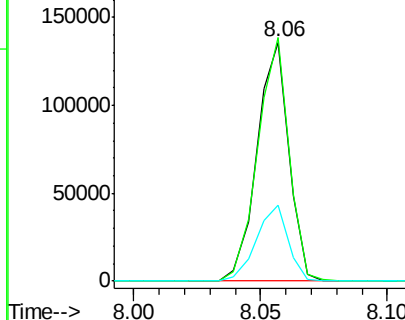


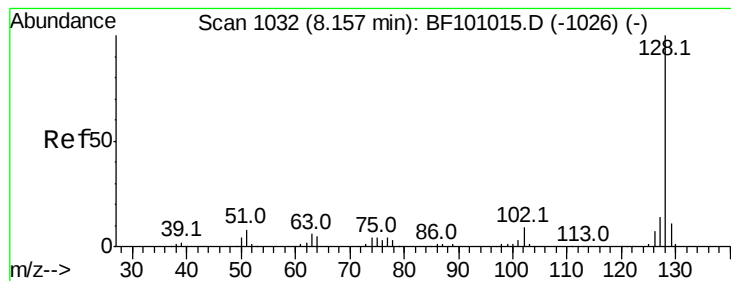
#30
1,2,4-Trichlorobenzene
Concen: 46.458 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.1	76.8	115.2
145	32.1	26.5	39.7



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





#31

Naphthalene

Concen: 46.410 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

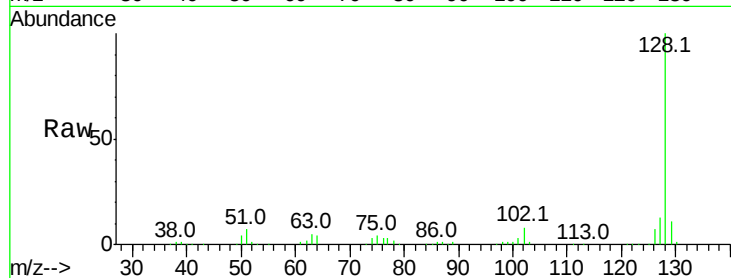
Tot Ion:128 Resp: 375555

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

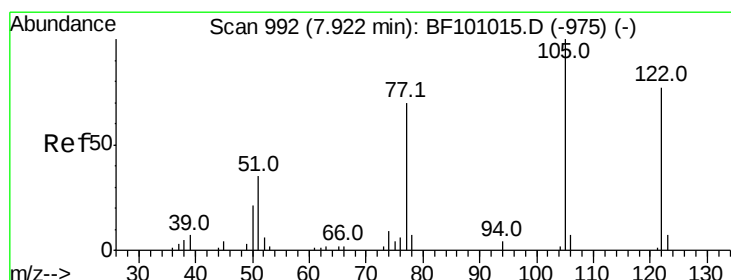
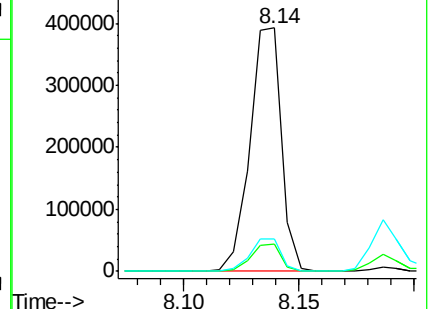
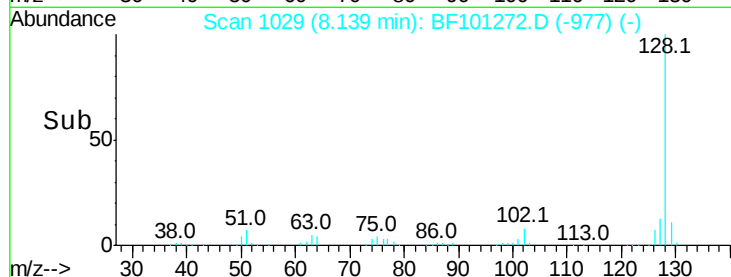
127 13.4 10.9 16.3



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: 72.703 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.14 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

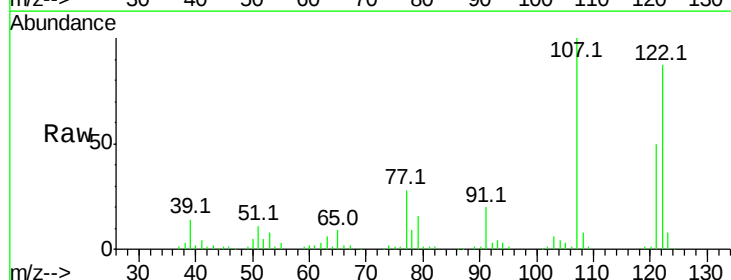
Tgt Ion:122 Resp: 121132

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

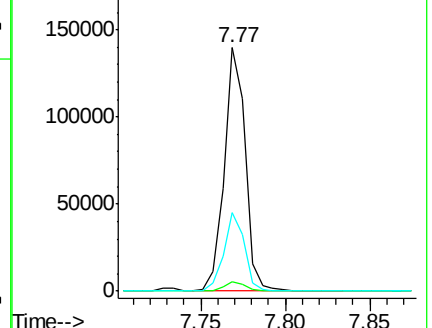
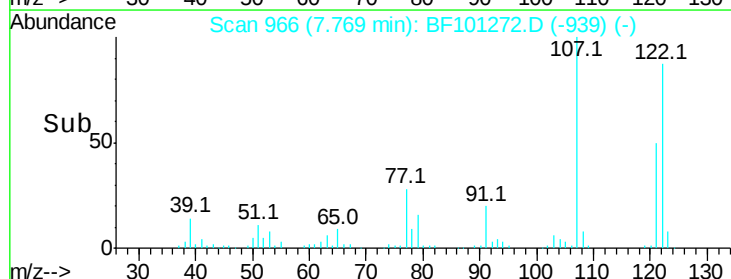
77 32.3 70.7 110.7#

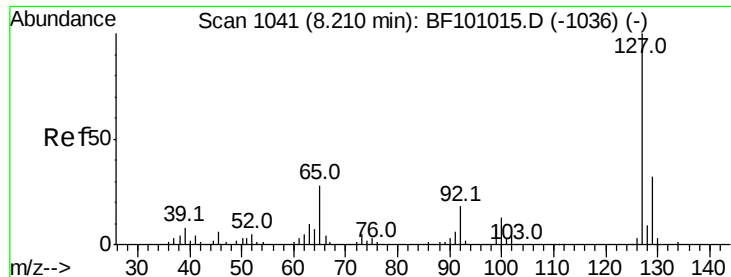


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

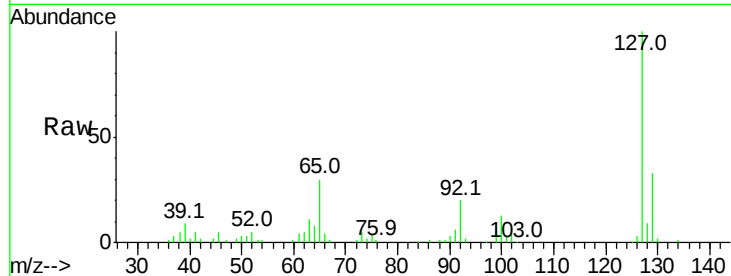




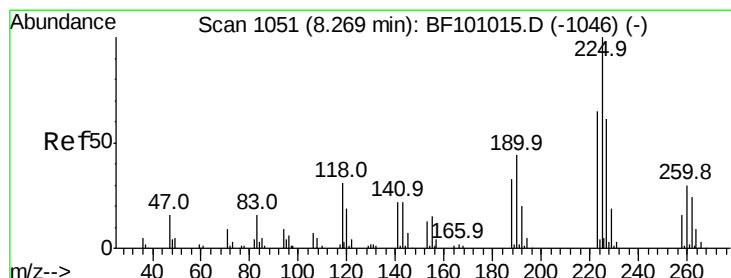
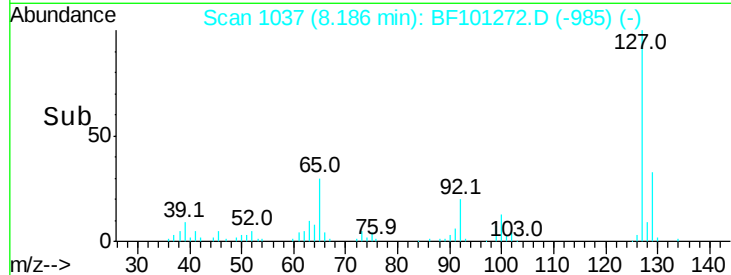
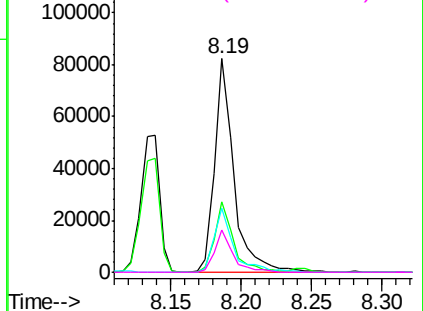
#33
4-Chloroaniline
Concen: 24.041 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	78167
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	30.2	25.0	37.4
92	20.0	15.2	22.8

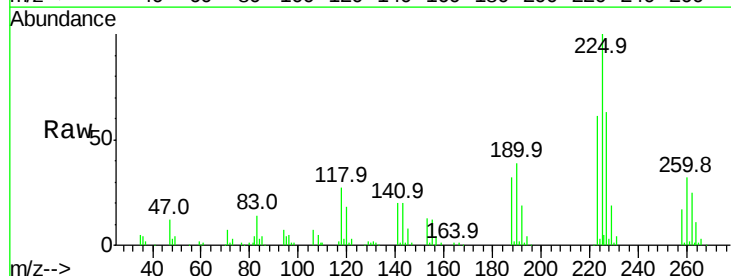


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

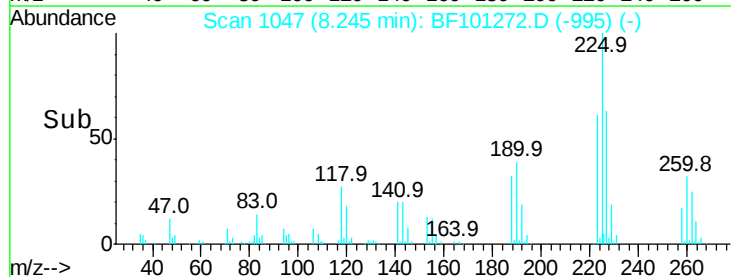
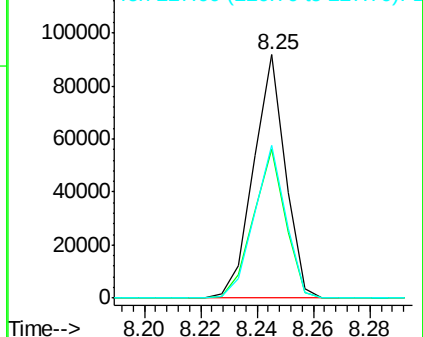


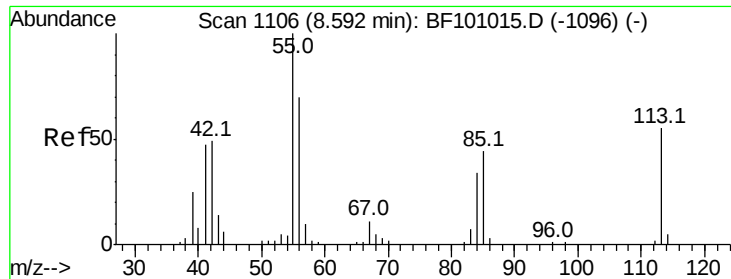
#34
Hexachlorobutadiene
Concen: 45.422 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:	225	Resp:	71430
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	62.9	51.9	77.9



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





#35

Caprolactam

Concen: 40.605 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

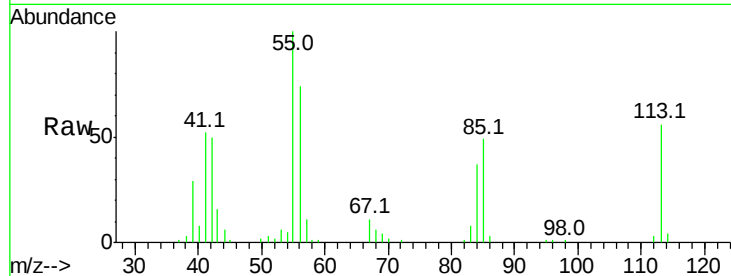
Tot Ion:113 Resp: 29507

Ion Ratio Lower Upper

113 100

55 178.7 163.3 203.3

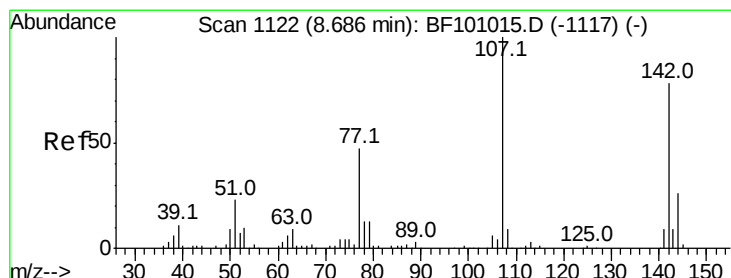
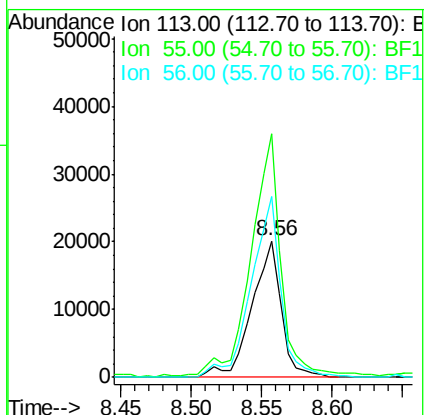
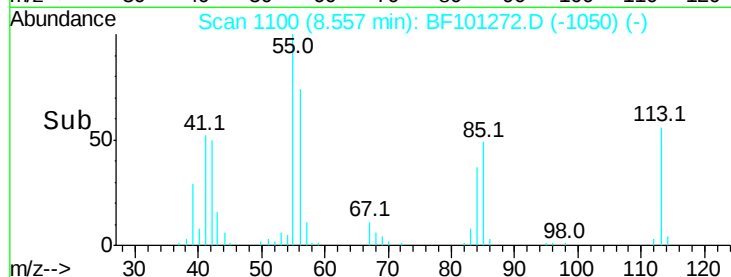
56 132.3 115.7 155.7



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: 43.699 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

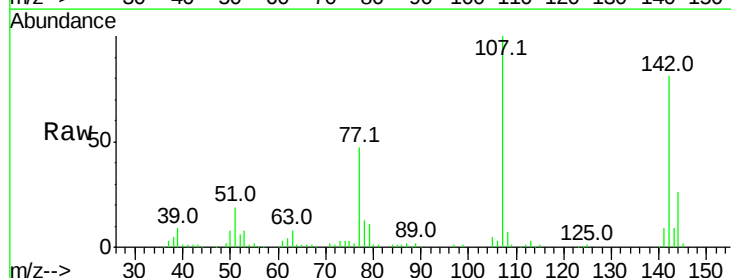
Tgt Ion:107 Resp: 105551

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

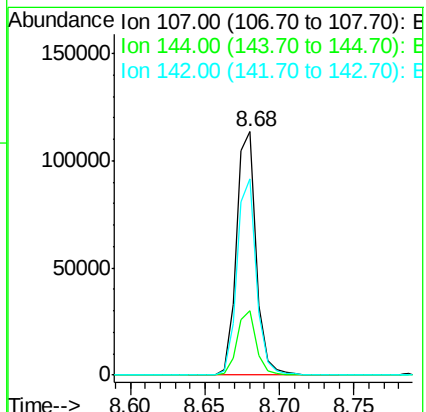
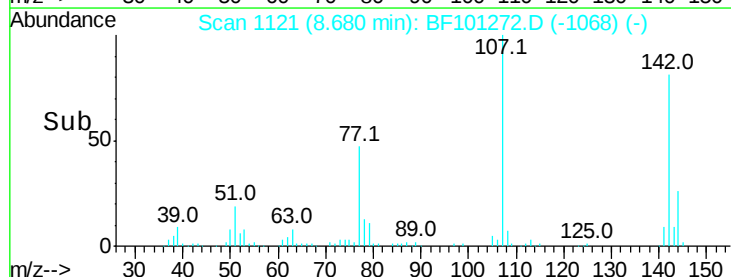
142 80.8 62.0 93.0

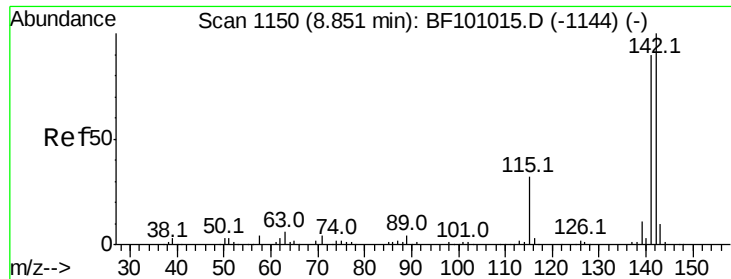


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

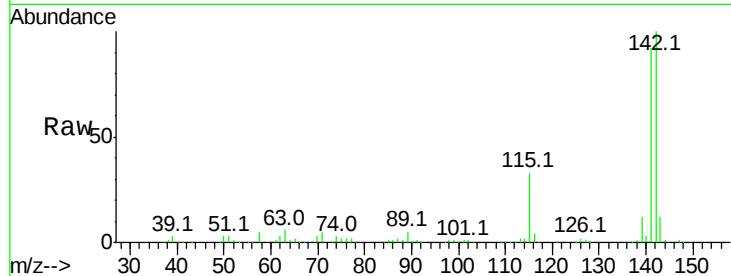




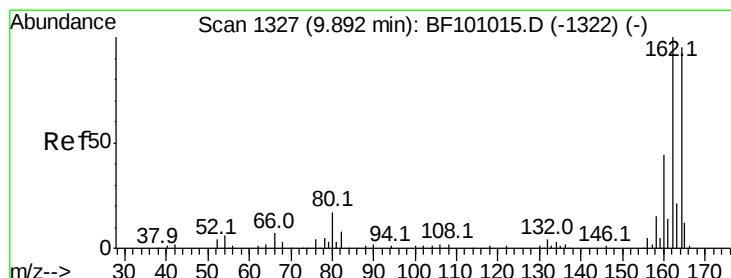
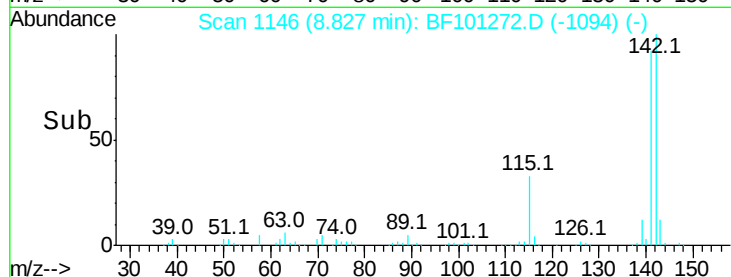
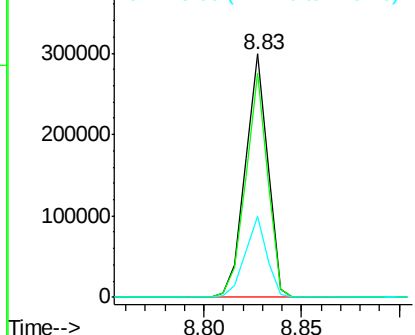
#37
2-Methylnaphthalene
Concen: 43.618 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.8	106.2
115	33.2	26.1	39.1

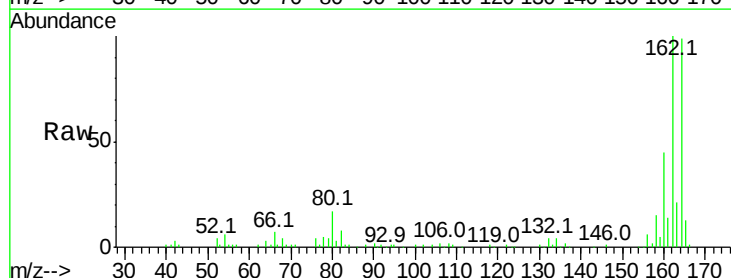


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

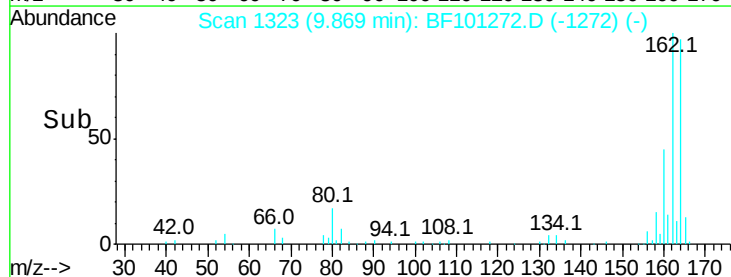
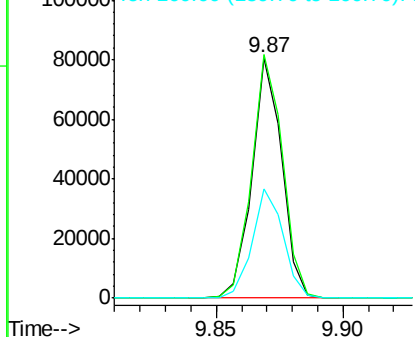


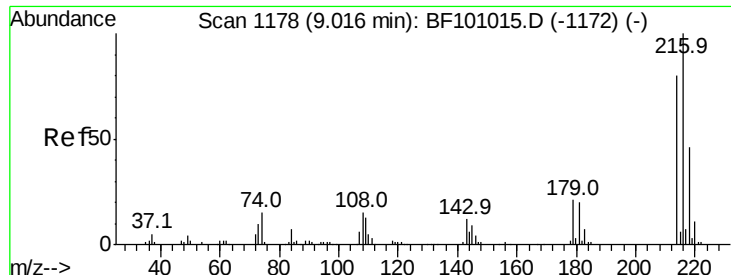
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	45.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

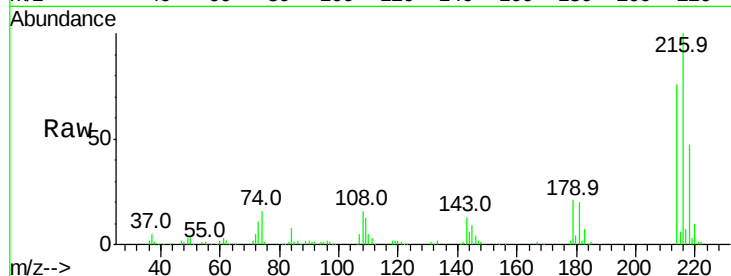




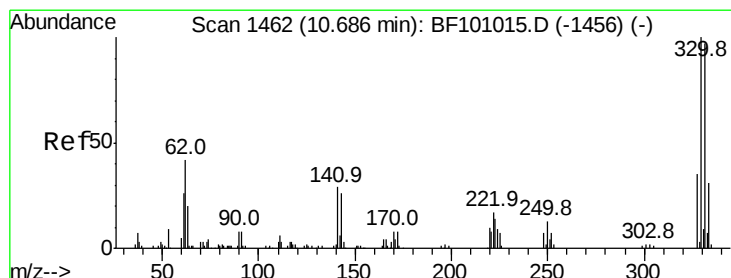
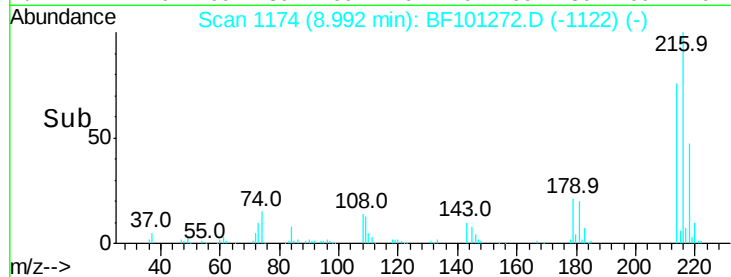
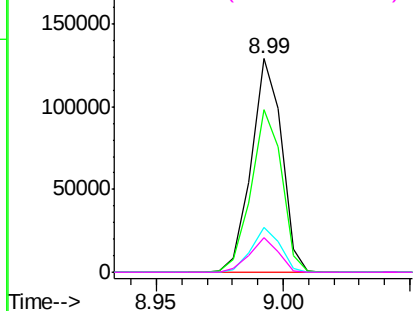
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.016 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	108119
Ion Ratio	Lower	Upper	
216	100		
214	76.8	63.0	94.4
179	20.4	18.1	27.1
108	15.1	17.2	25.8

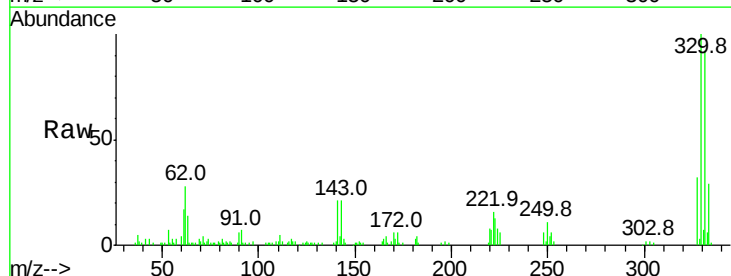


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

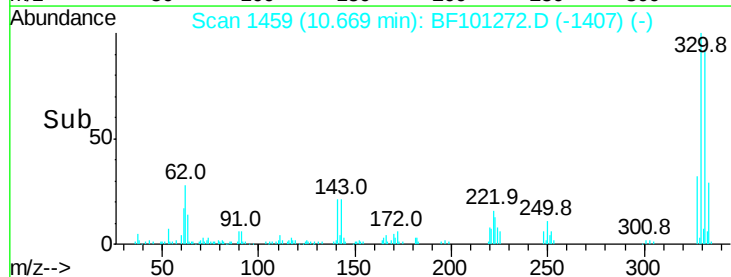
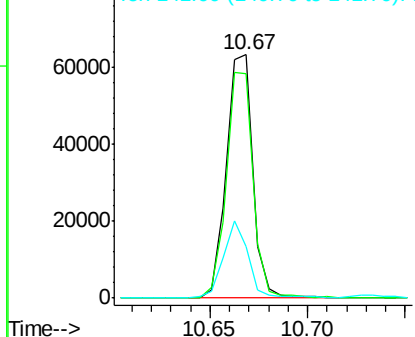


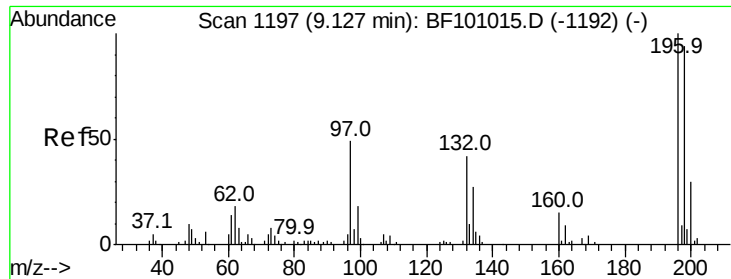
#41
 2,4,6-Tribromophenol
 Concen: 75.007 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion:	330	Resp:	59572
Ion Ratio	Lower	Upper	
330	100		
332	93.3	77.0	115.6
141	30.1	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

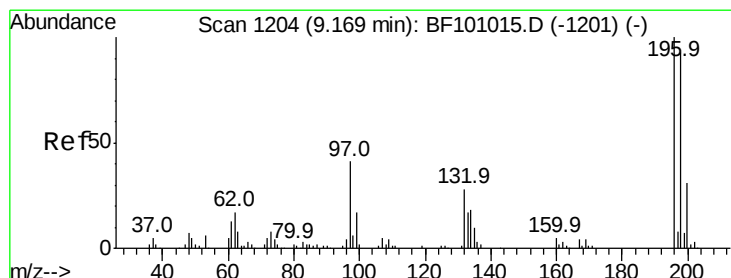
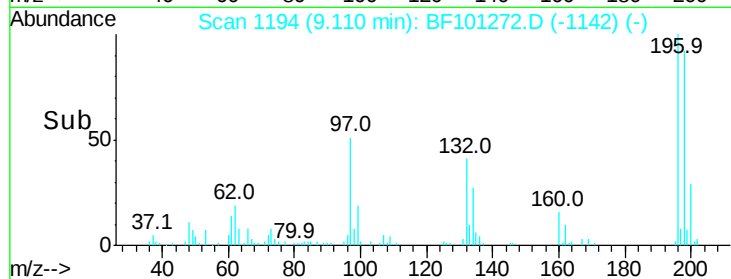
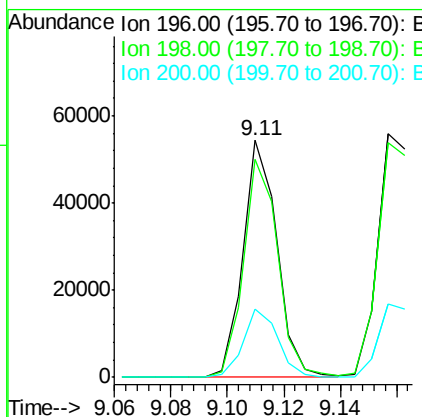
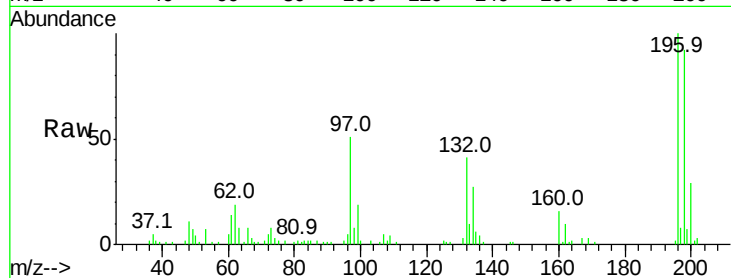




#42
 2,4,6-Trichlorophenol
 Concen: 32.348 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

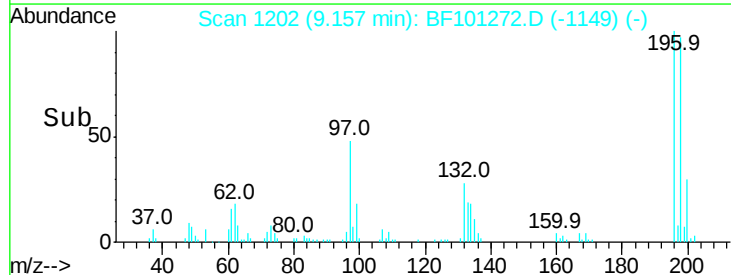
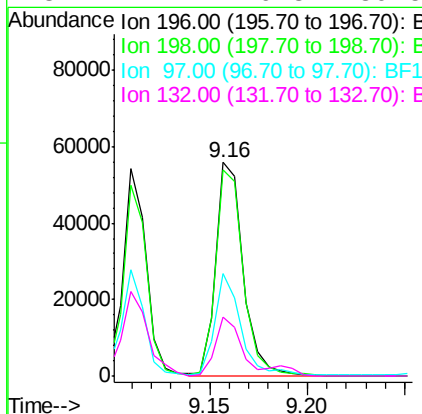
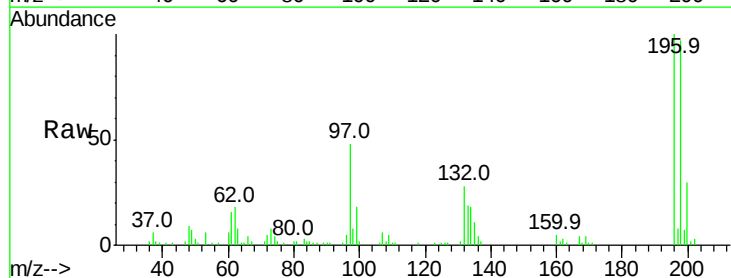
Instrument :
 BNA_F
 ClientSampled :

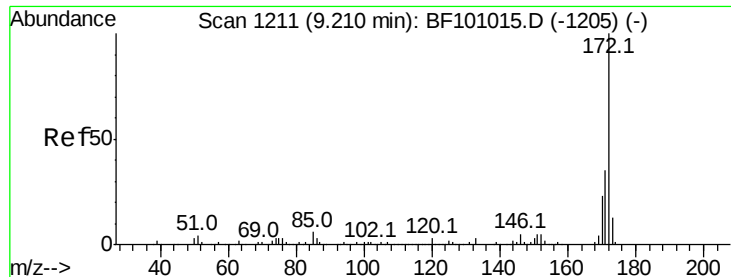
Tot Ion:196 Resp: 45544
 Ion Ratio Lower Upper
 196 100
 198 92.0 75.7 113.5
 200 28.8 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 36.230 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion:196 Resp: 54534
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 48.0 42.9 64.3
 132 27.7 26.3 39.5

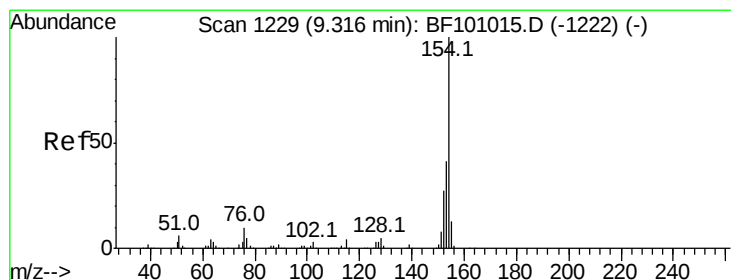
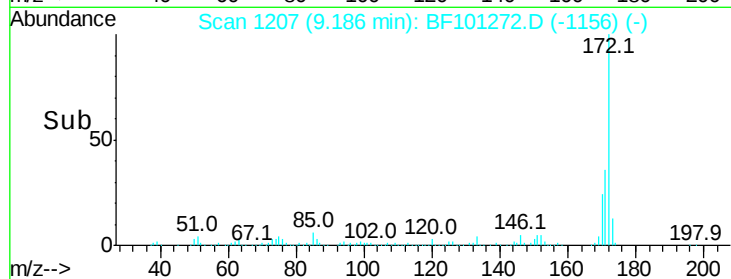
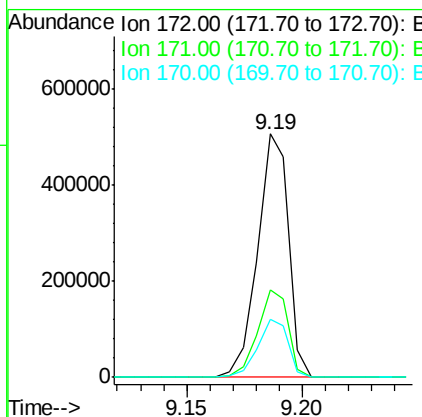
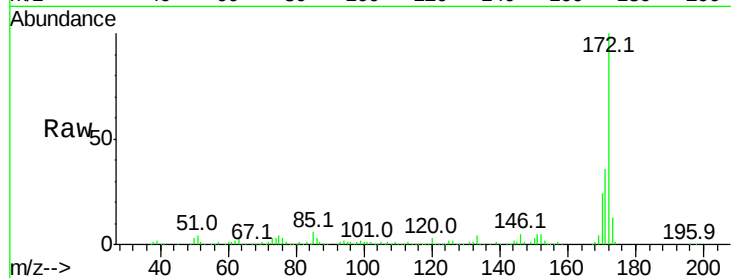




#44
2-Fluorobiphenyl
Concen: 97.665 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

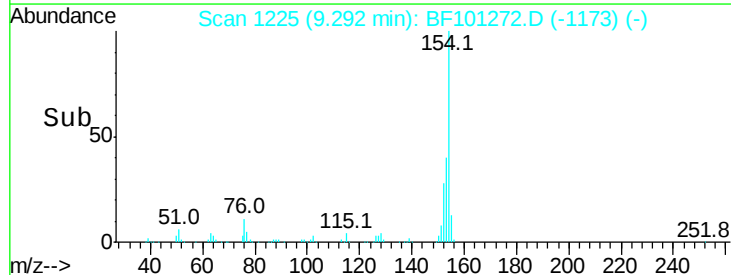
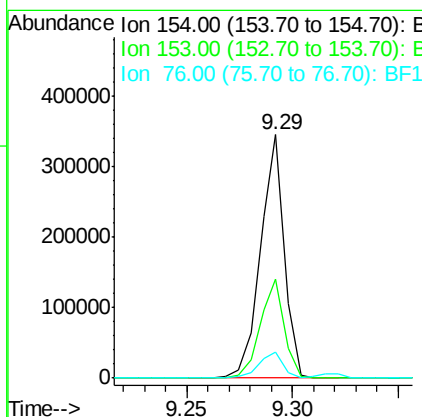
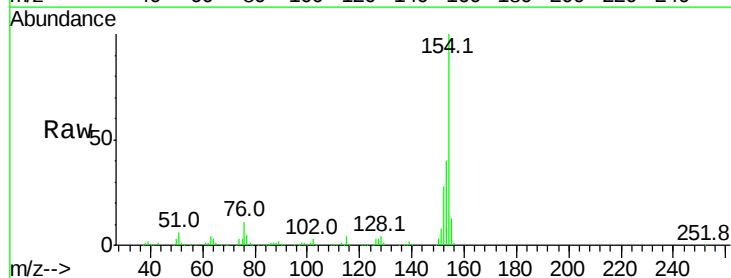
Instrument :
BNA_F
ClientSampleId :

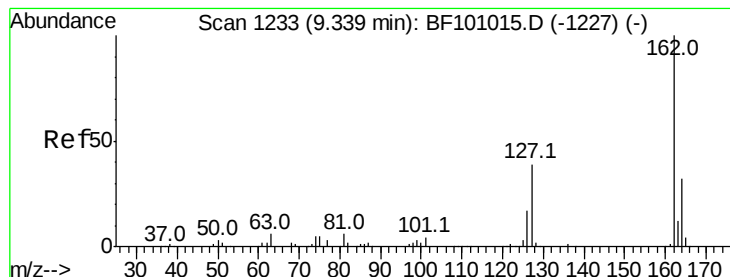
Tot Ion:172 Resp: 471934
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.6 19.6 29.4



#45
1,1'-Biphenyl
Concen: 44.500 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:154 Resp: 269555
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 10.7 0.0 34.0





#46

2-Chloronaphthalene

Concen: 48.624 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

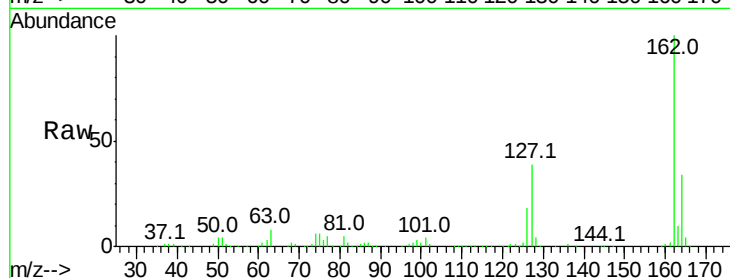
Tot Ion:162 Resp: 209171

Ion Ratio Lower Upper

162 100

127 38.8 33.9 50.9

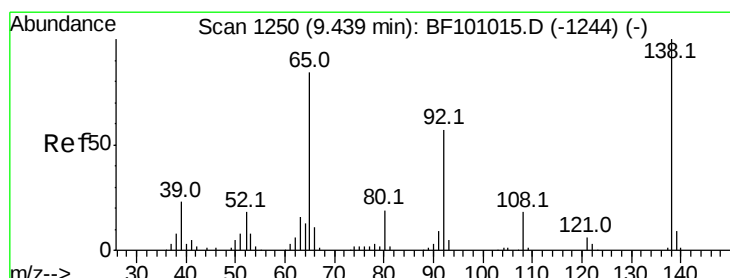
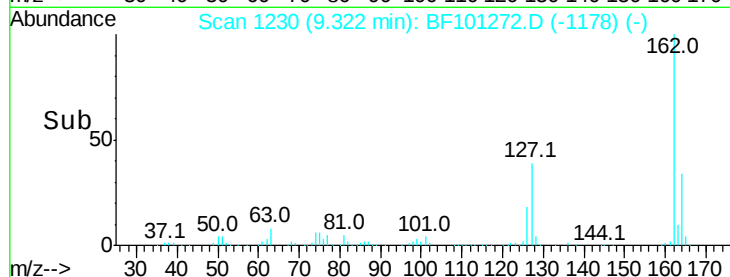
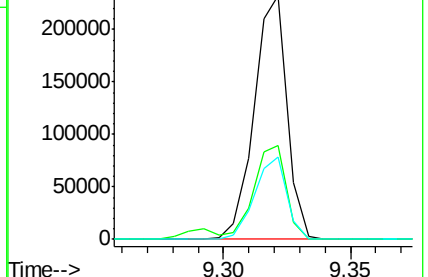
164 33.7 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 52.746 ng

RT: 9.42 min Scan# 1247

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

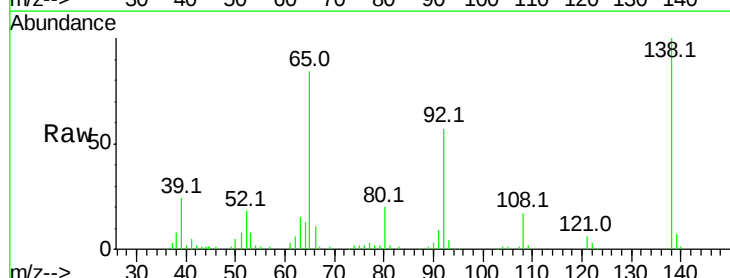
Tgt Ion: 65 Resp: 67132

Ion Ratio Lower Upper

65 100

92 67.3 55.8 83.6

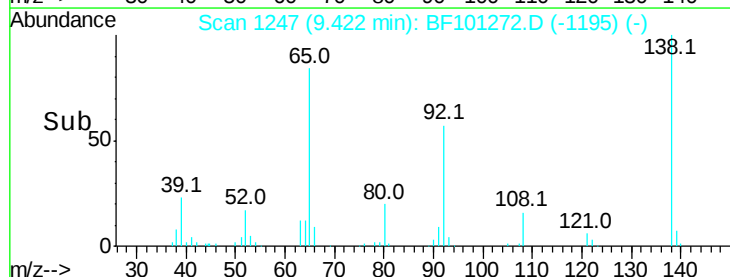
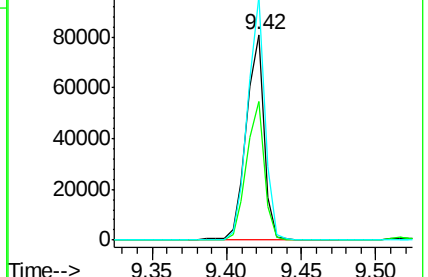
138 118.6 91.2 136.8

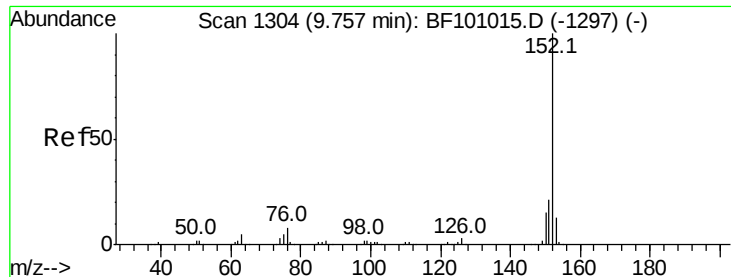


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 43.764 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

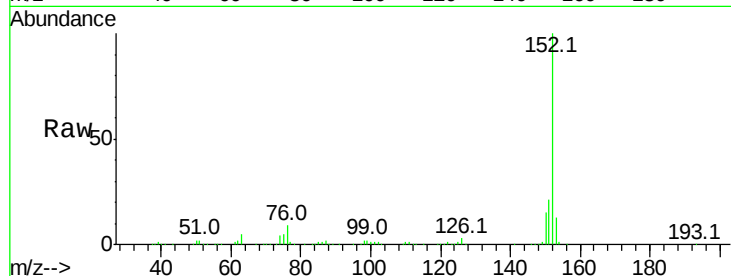
Tot Ion:152 Resp: 309395

Ion Ratio Lower Upper

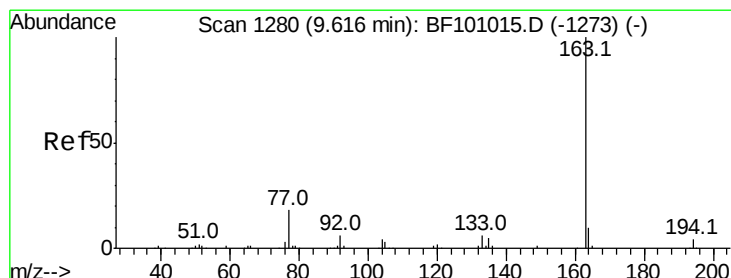
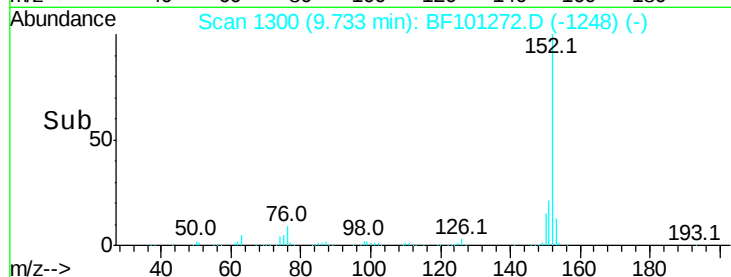
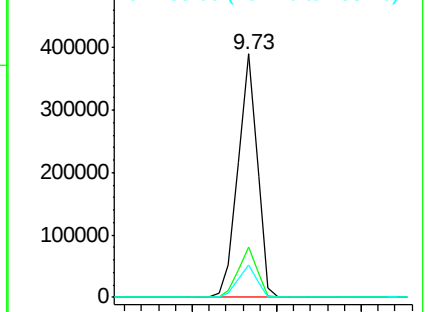
152 100

151 20.9 16.3 24.5

153 13.2 10.7 16.1



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



#49

Dimethylphthalate

Concen: 58.483 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

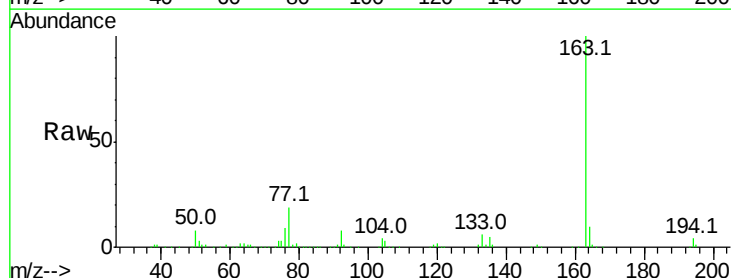
Tgt Ion:163 Resp: 311826

Ion Ratio Lower Upper

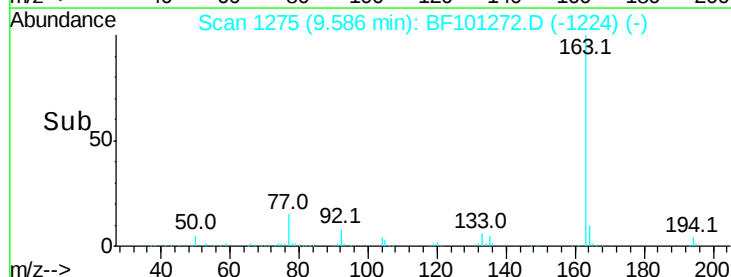
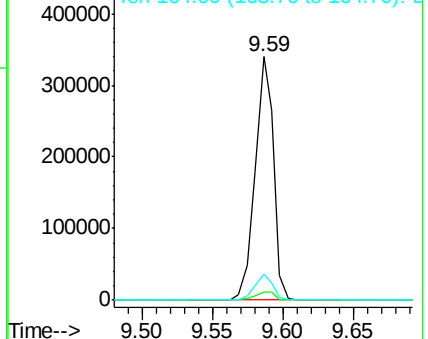
163 100

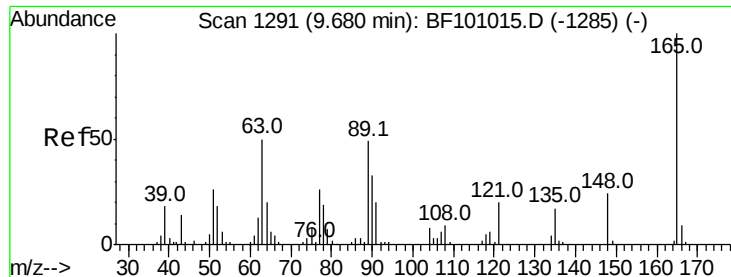
194 3.6 2.7 4.1

164 10.5 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

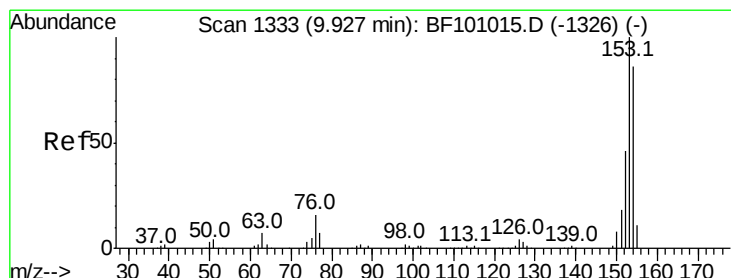
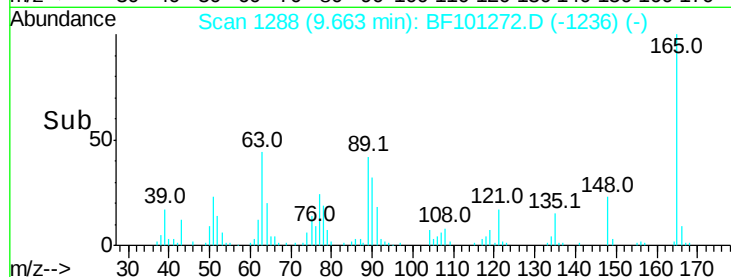
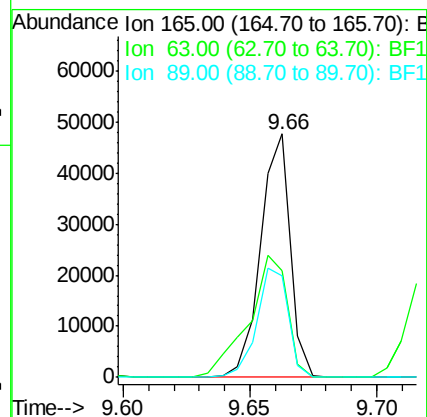
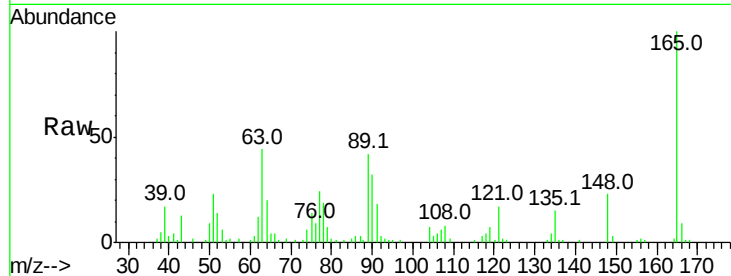




#50
 2,6-Dinitrotoluene
 Concen: 34.645 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

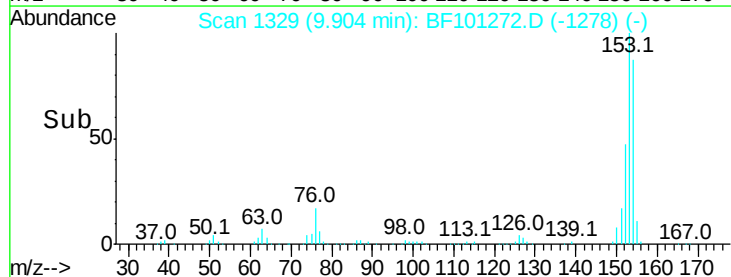
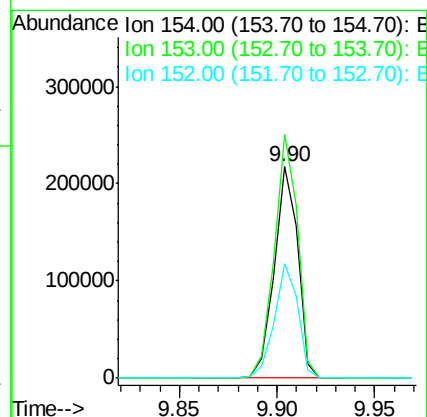
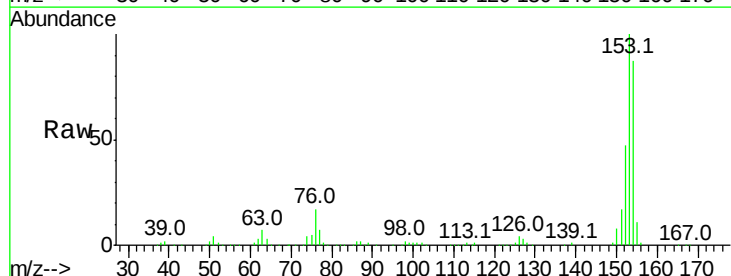
Instrument :
 BNA_F
 ClientSampleId :

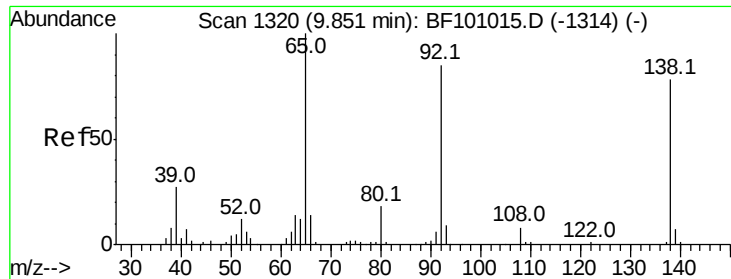
Tot Ion:165 Resp: 38907
 Ion Ratio Lower Upper
 165 100
 63 43.6 44.7 67.1#
 89 41.5 44.0 66.0#



#51
 Acenaphthene
 Concen: 42.861 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion:154 Resp: 181439
 Ion Ratio Lower Upper
 154 100
 153 115.4 91.2 136.8
 152 54.2 43.8 65.8

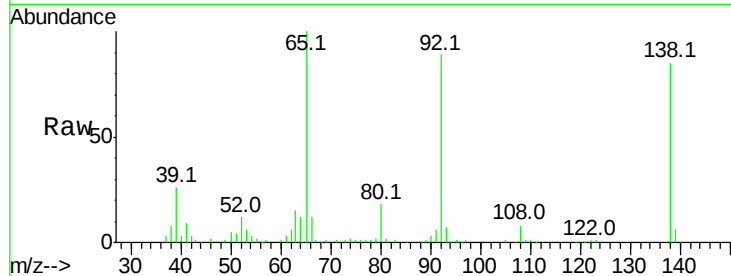




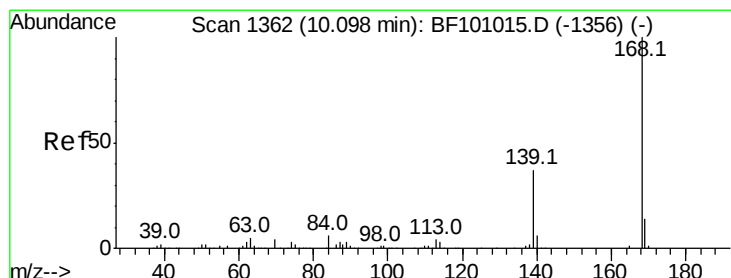
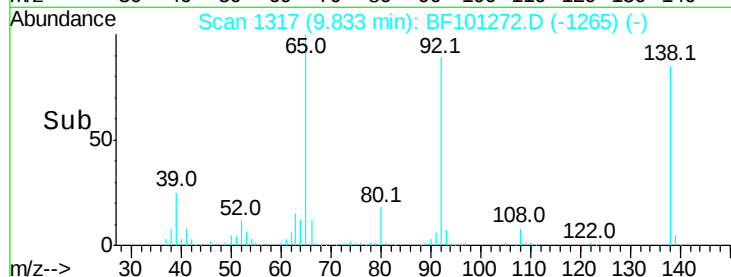
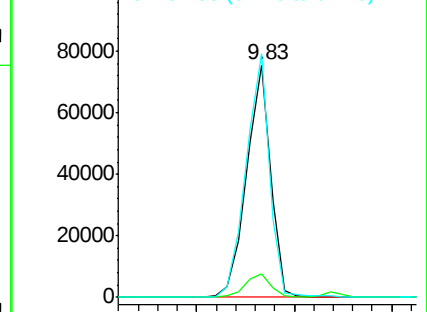
#52
3-Nitroaniline
Concen: 50.972 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 64374
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 104.8 89.4 134.2

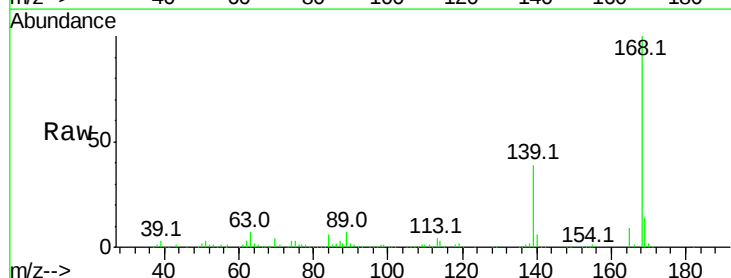


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

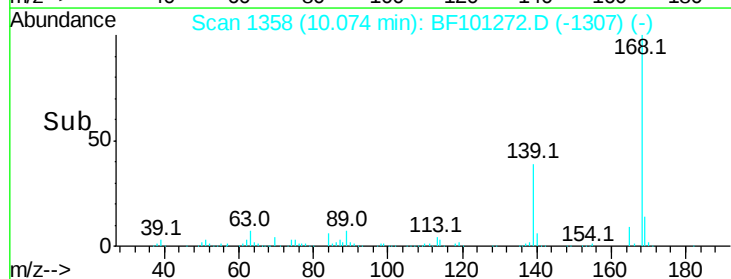
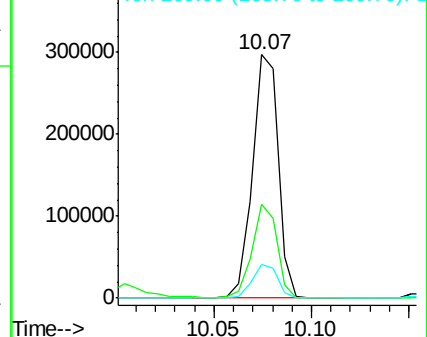


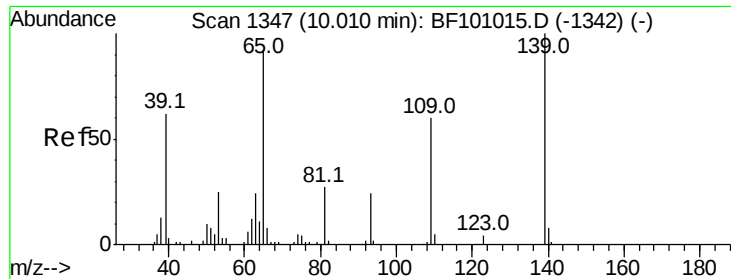
#54
Dibenzofuran
Concen: 44.597 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:168 Resp: 272060
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 13.7 10.9 16.3



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

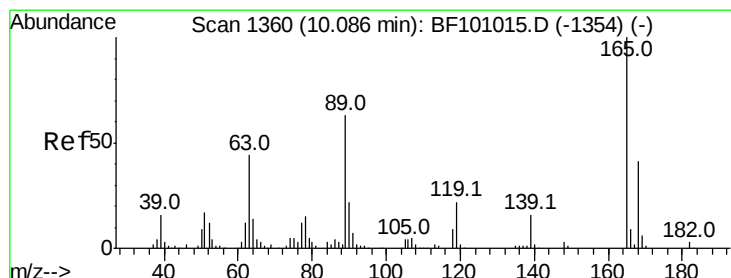
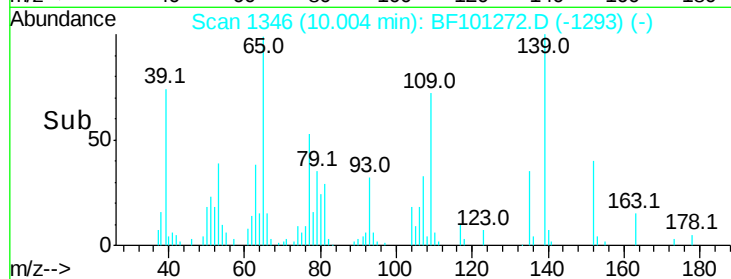
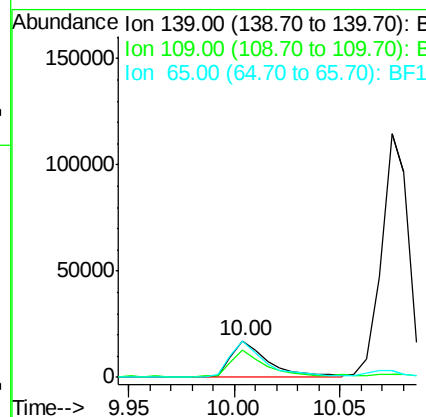
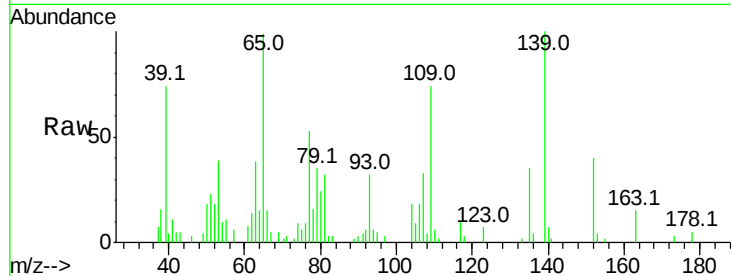




#55
4-Nitrophenol
Concen: 24.830 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

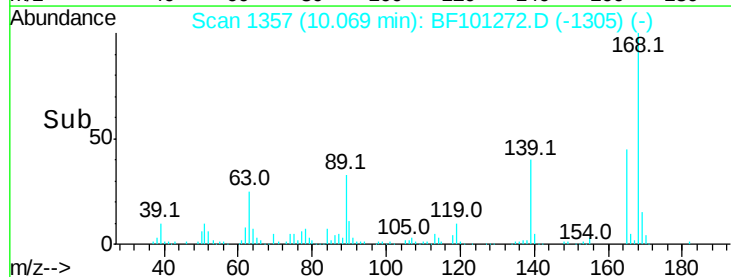
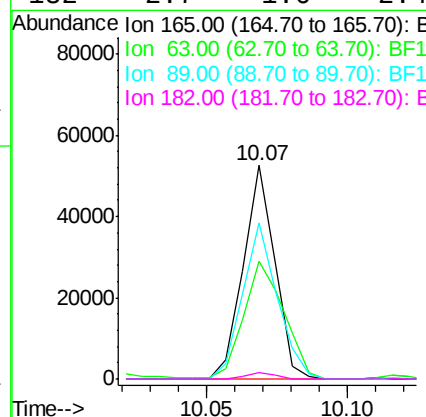
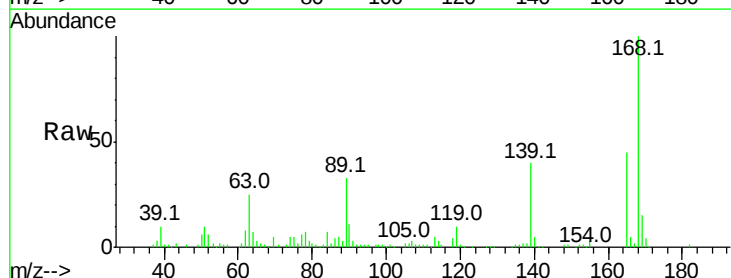
Instrument :
BNA_F
ClientSampleId :

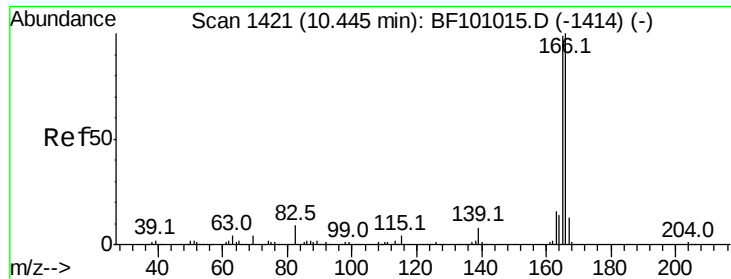
Tot Ion:139 Resp: 21148
Ion Ratio Lower Upper
139 100
109 74.4 48.4 88.4
65 99.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 27.137 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:165 Resp: 40842
Ion Ratio Lower Upper
165 100
63 55.2 36.4 54.6#
89 73.3 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 41.712 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

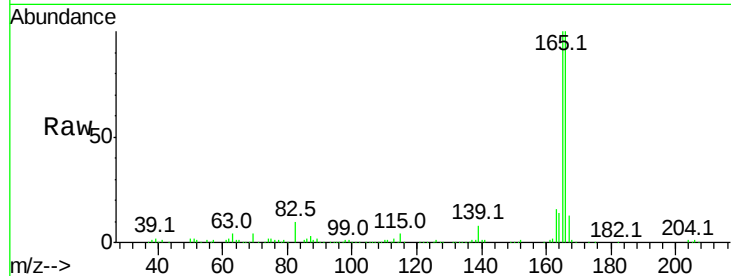
Tot Ion:166 Resp: 206854

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

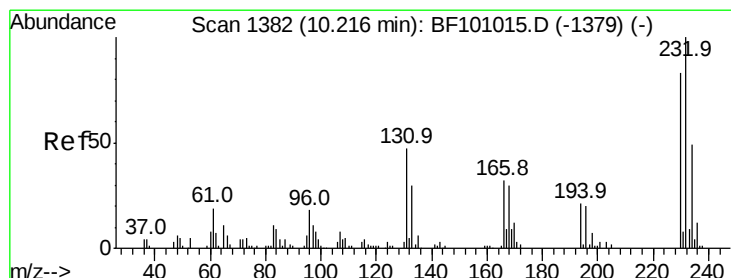
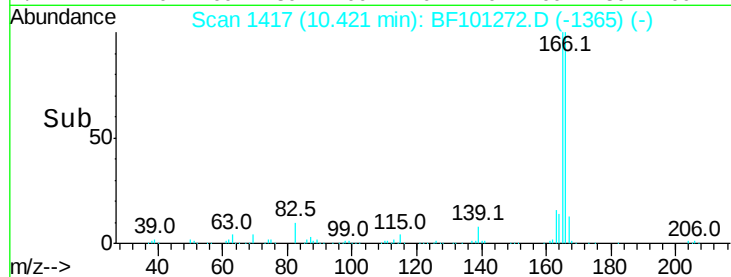
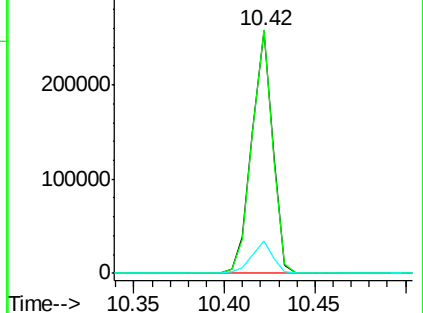
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.698 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Tgt Ion:232 Resp: 27355

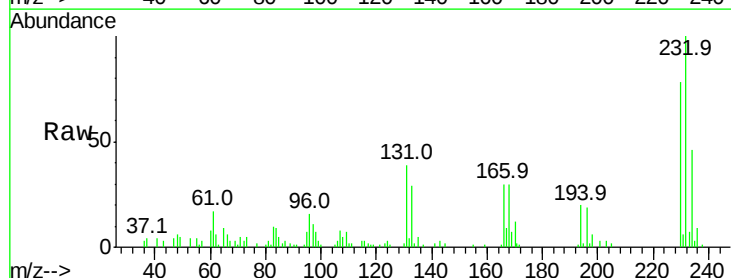
Ion Ratio Lower Upper

232 100

131 43.4 43.8 65.8#

130 1.4 2.1 3.1#

166 30.1 27.8 41.6

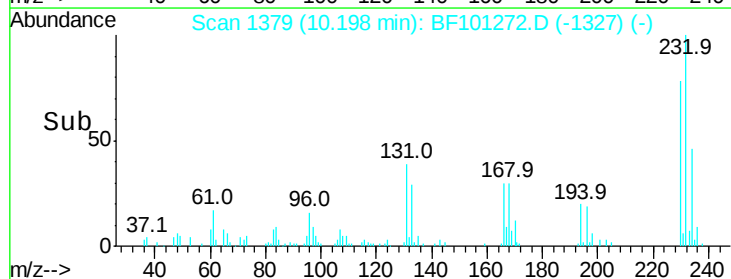
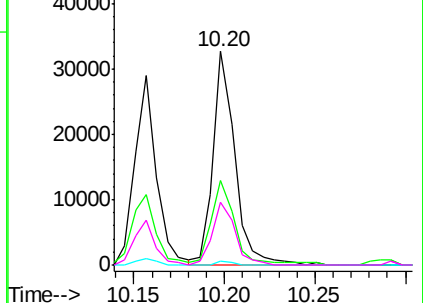


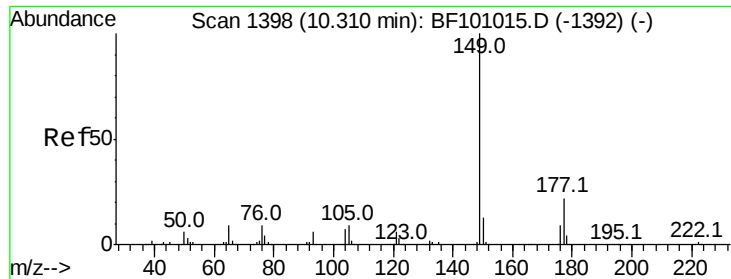
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

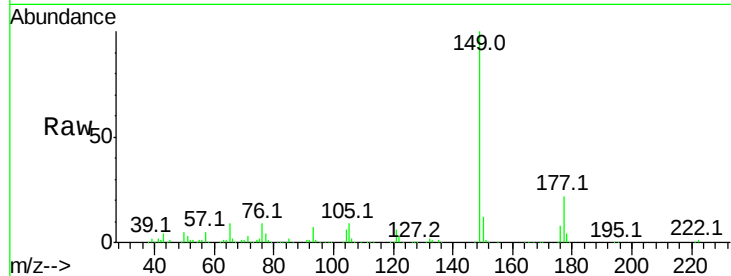




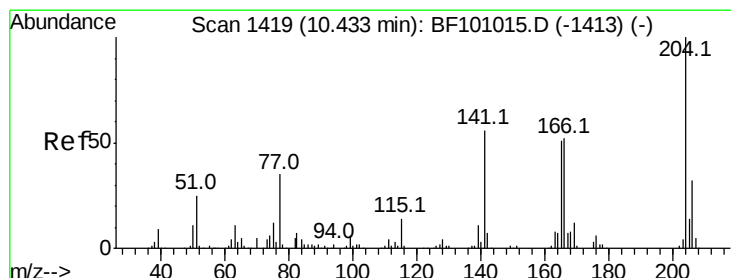
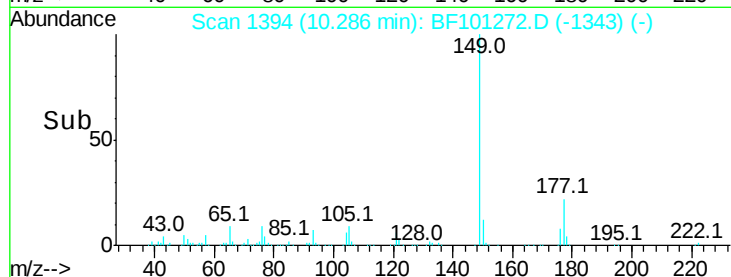
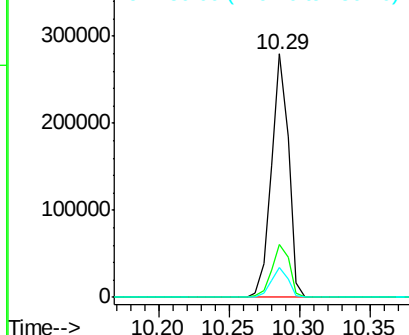
#59
Diethylphthalate
Concen: 45.673 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 240198
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.2 10.1 15.1

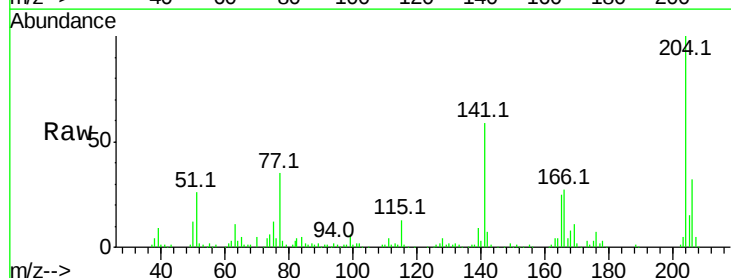


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

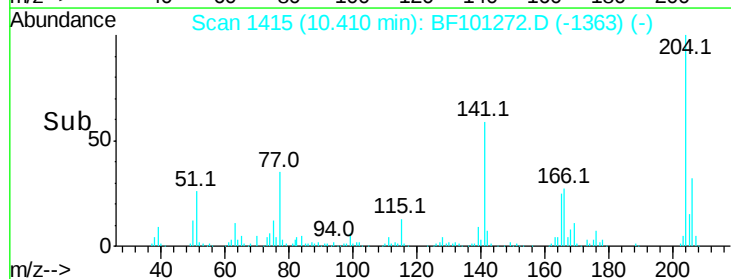
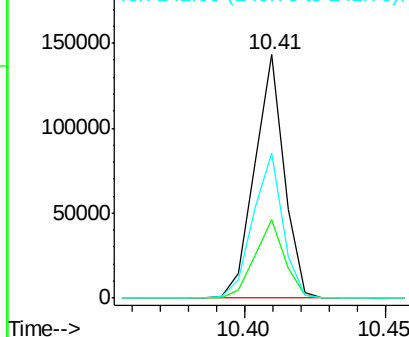


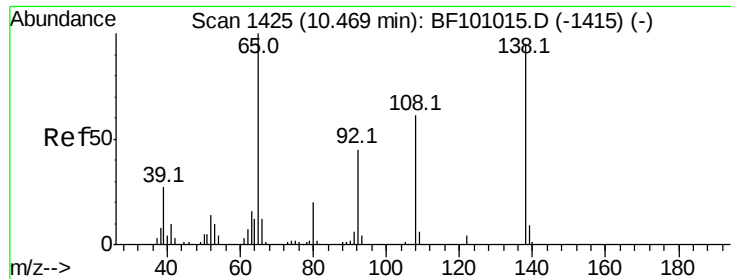
#60
4-Chlorophenyl-phenylether
Concen: 42.364 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:204 Resp: 103730
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 59.5 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.123 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

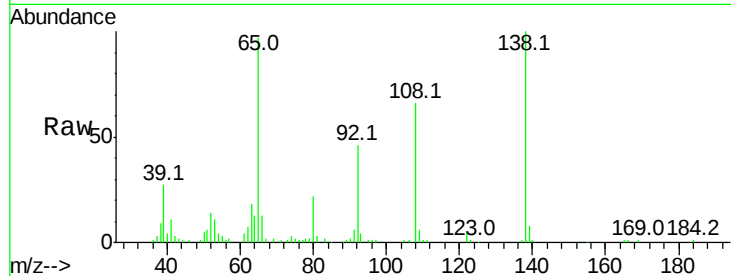
Tot Ion:138 Resp: 63088

Ion Ratio Lower Upper

138 100

92 46.2 30.2 70.2

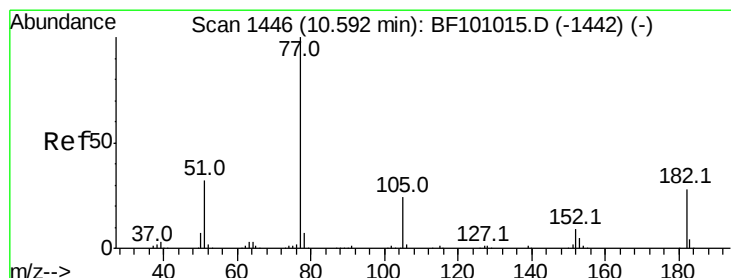
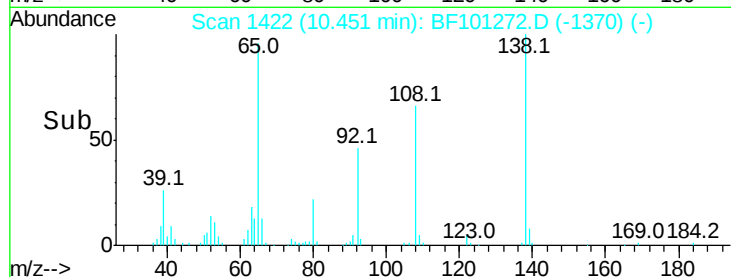
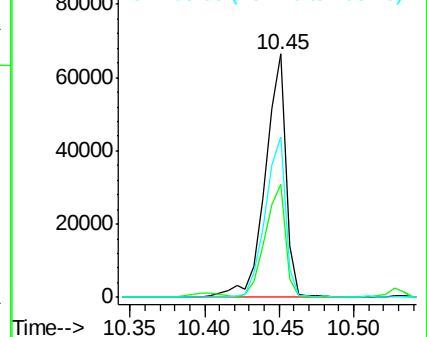
108 66.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.496 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Tgt Ion: 77 Resp: 176278

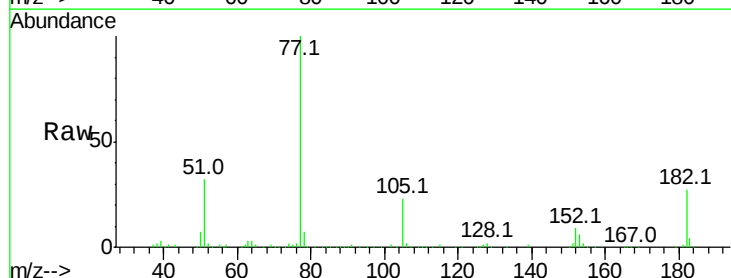
Ion Ratio Lower Upper

77 100

182 27.4 1.7 41.7

105 23.3 3.0 43.0

51 31.9 9.9 49.9

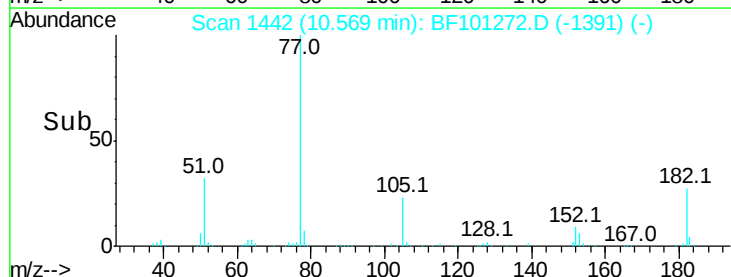
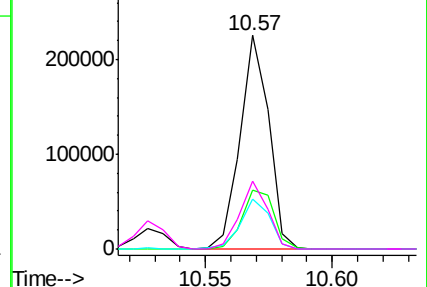


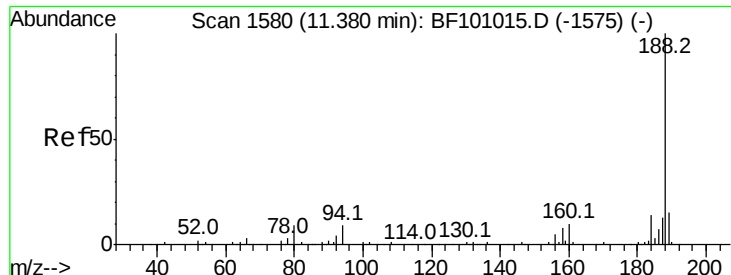
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

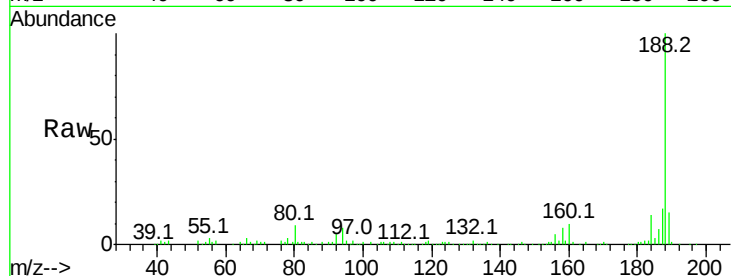
Tot Ion:188 Resp: 112022

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

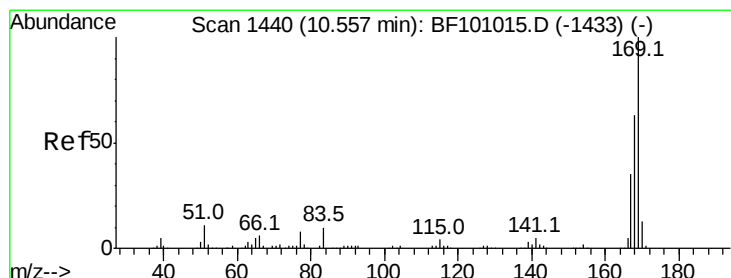
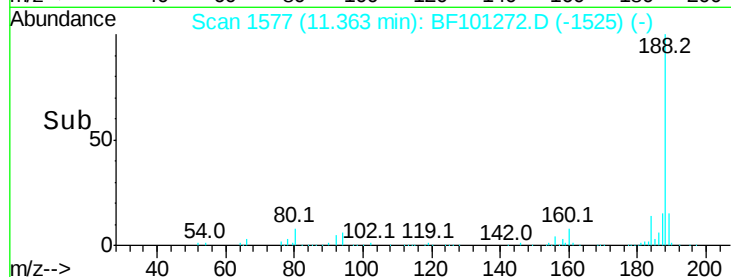
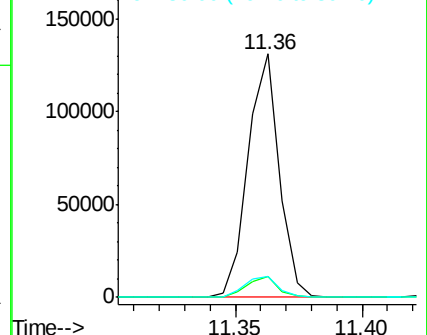
80 8.5 9.2 13.8#



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: 48.877 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

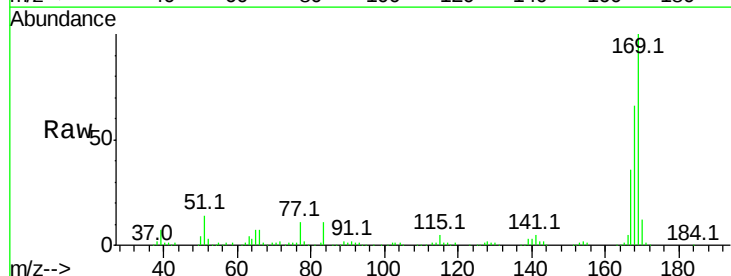
Tgt Ion:169 Resp: 193162

Ion Ratio Lower Upper

169 100

168 65.6 54.4 81.6

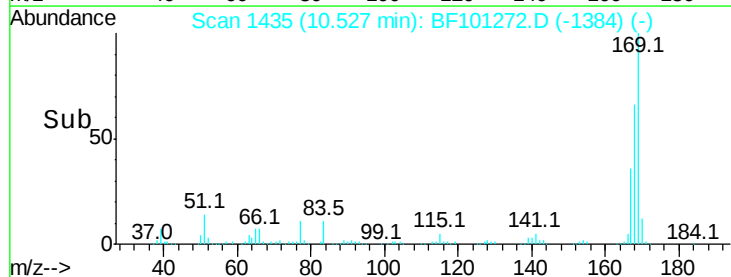
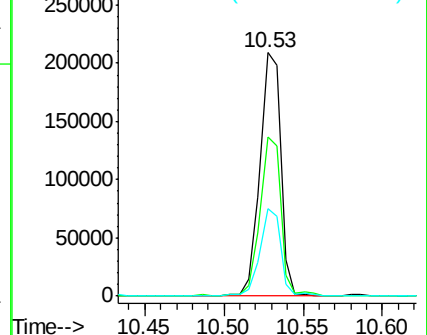
167 35.9 29.8 44.6

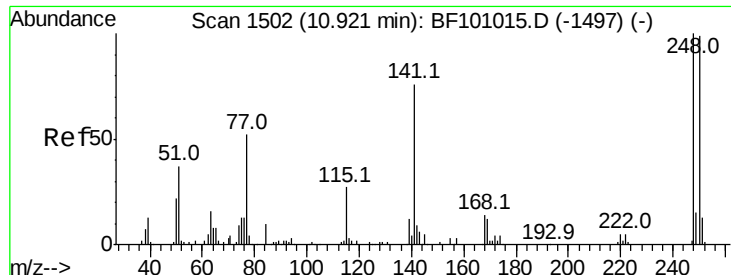


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

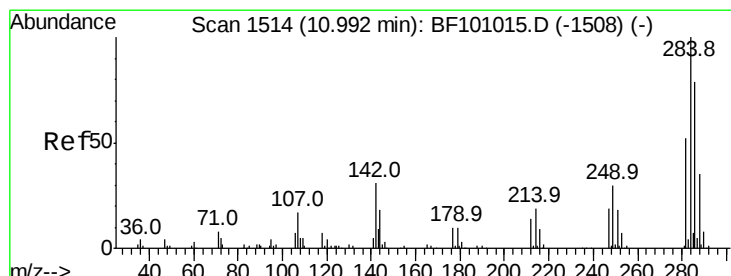
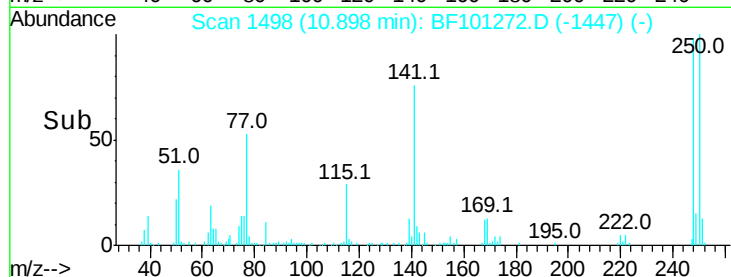
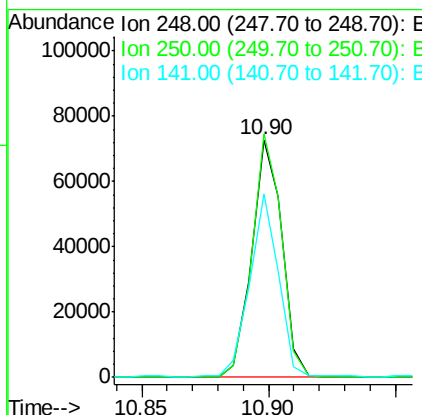
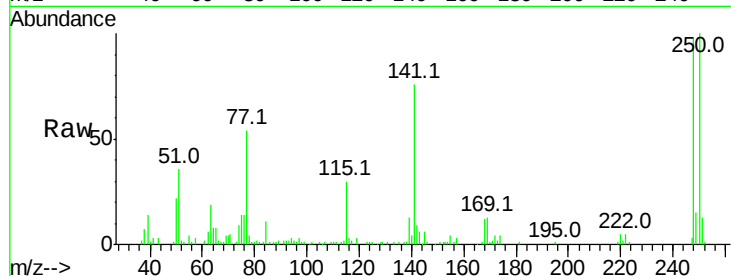




#66
4-Bromophenyl-phenylether
Concen: 48.069 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

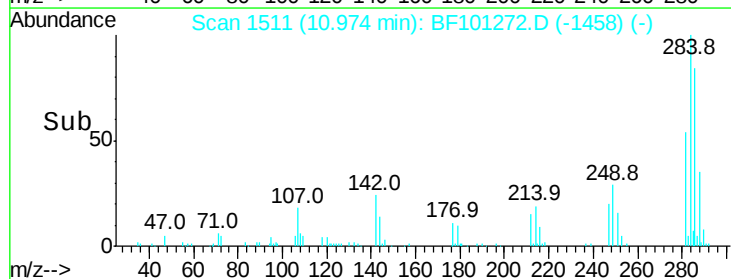
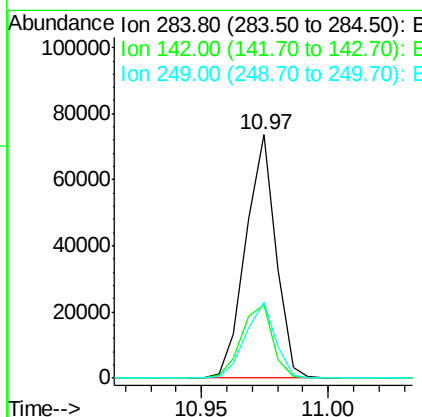
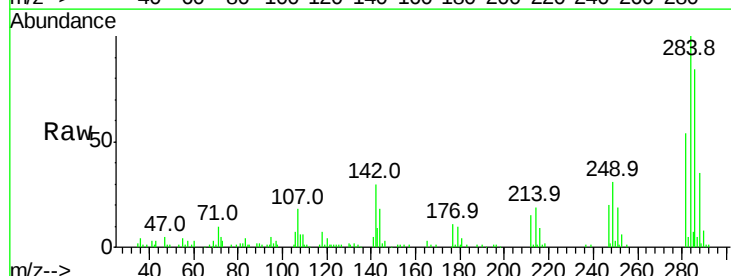
Instrument :
BNA_F
ClientSampled :

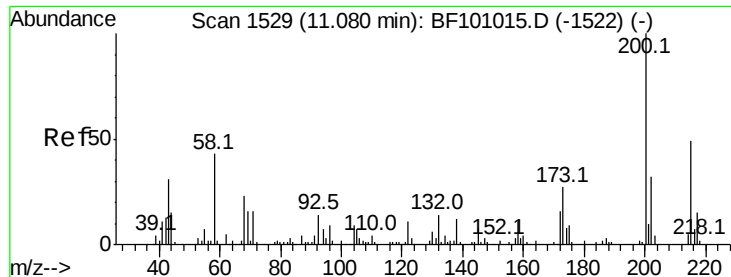
Tot Ion:248 Resp: 60273
Ion Ratio Lower Upper
248 100
250 102.4 76.9 115.3
141 77.3 74.4 111.6



#67
Hexachlorobenzene
Concen: 45.264 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:284 Resp: 60828
Ion Ratio Lower Upper
284 100
142 30.1 34.6 52.0#
249 31.0 24.8 37.2

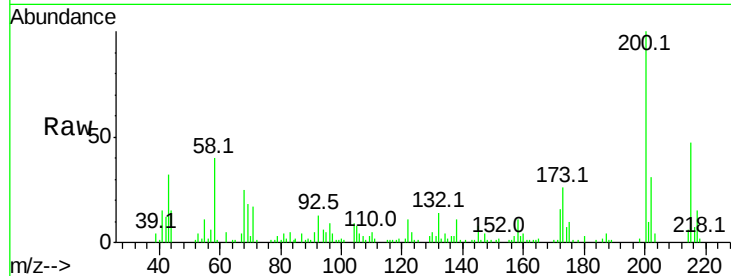




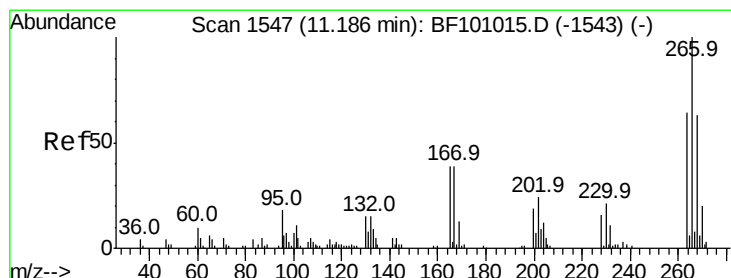
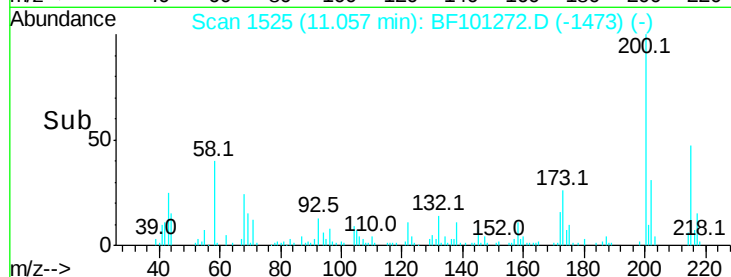
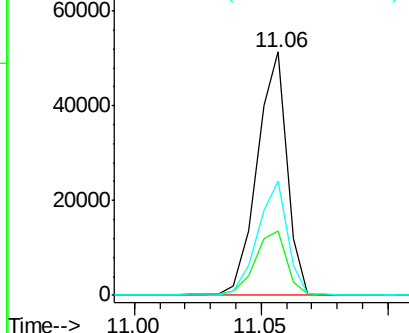
#68
Atrazine
Concen: 34.840 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 42236
Ion Ratio Lower Upper
200 100
173 26.4 8.6 48.6
215 46.7 25.1 65.1

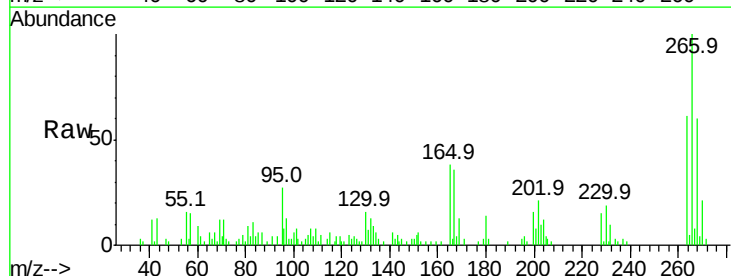


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

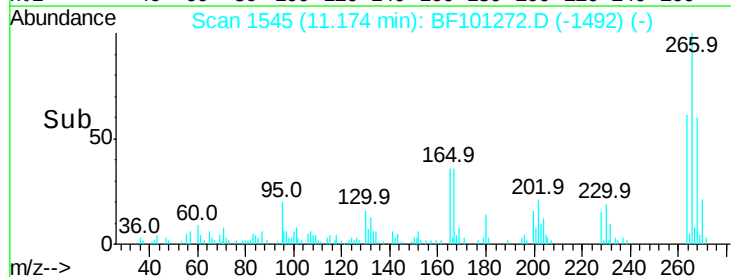
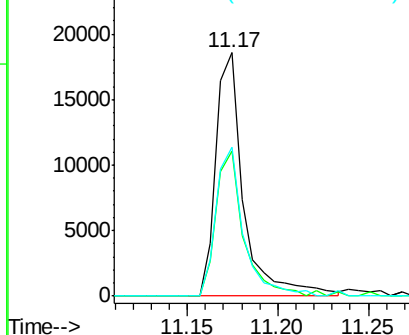


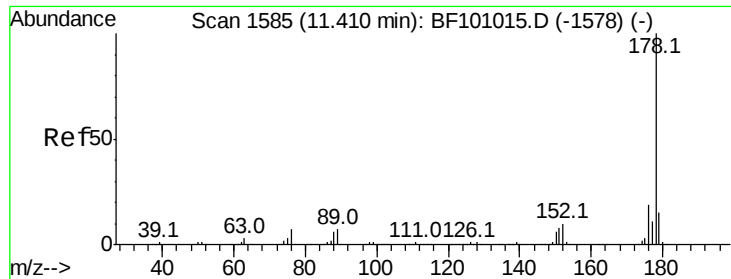
#69
Pentachlorophenol
Concen: 26.779 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:266 Resp: 19787
Ion Ratio Lower Upper
266 100
268 59.7 51.1 76.7
264 61.4 49.5 74.3



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

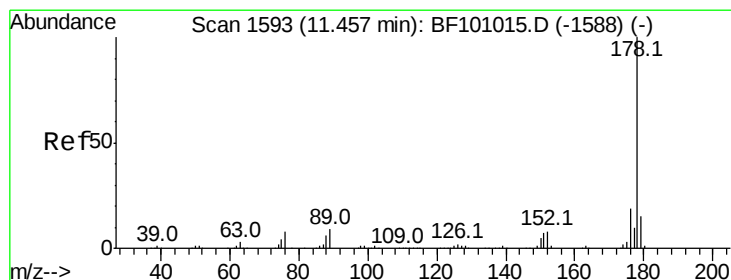
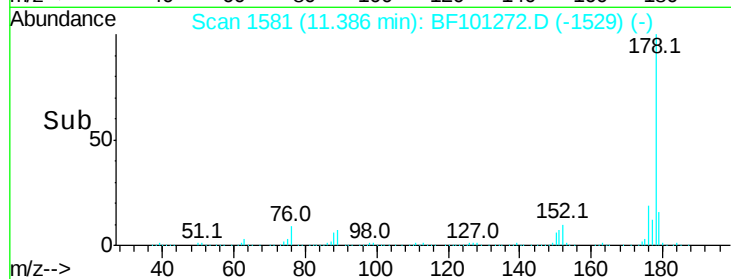
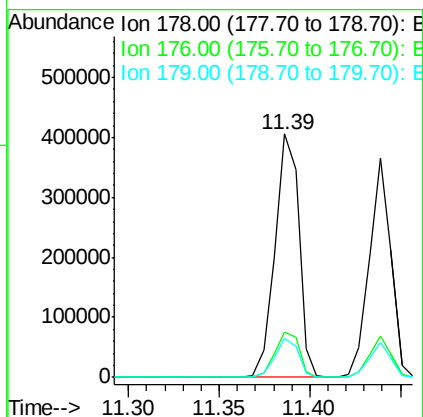
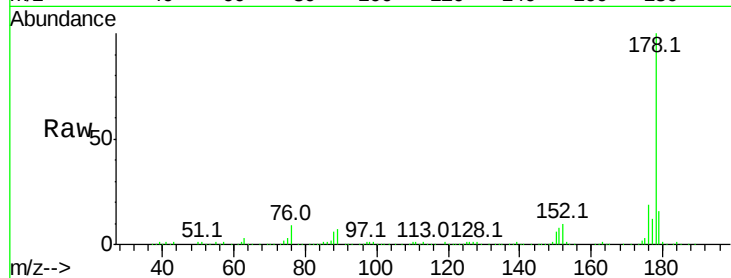




#70
Phenanthrene
Concen: 60.228 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

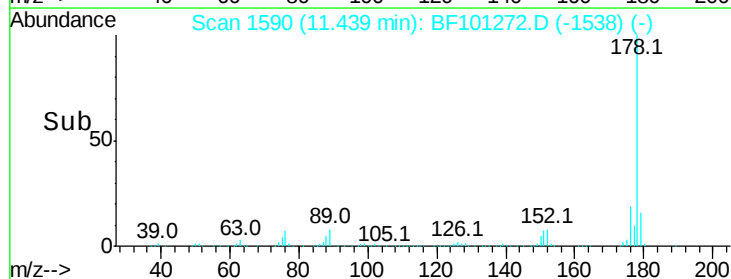
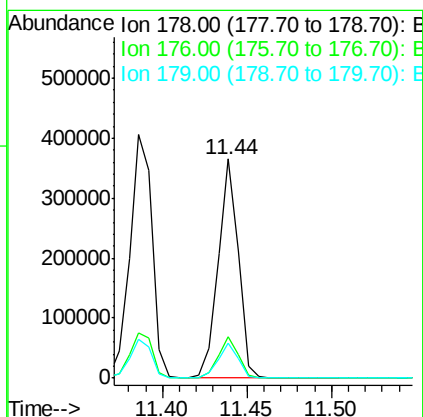
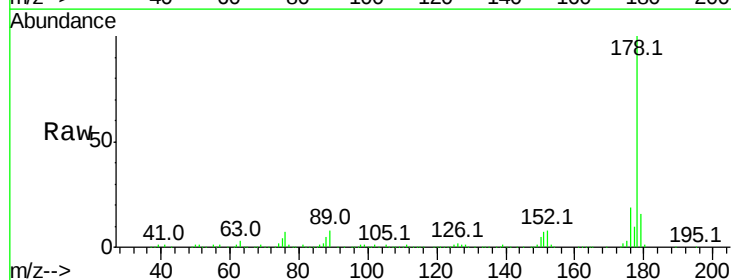
Instrument :
BNA_F
ClientSampled :

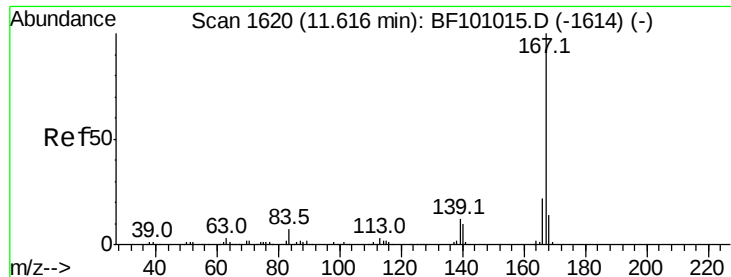
Tot Ion:178 Resp: 371545
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.8 13.0 19.6



#71
Anthracene
Concen: 48.794 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:178 Resp: 304651
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 16.1 12.6 19.0

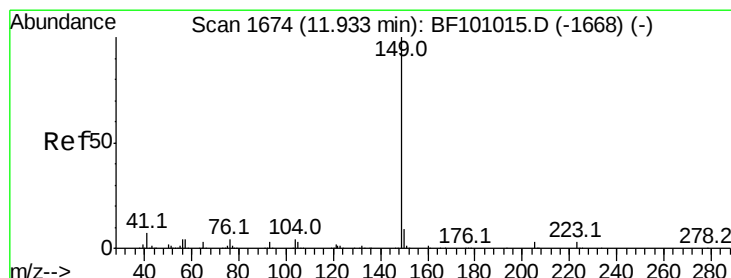
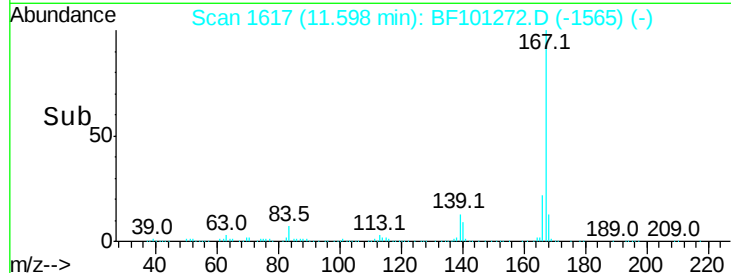
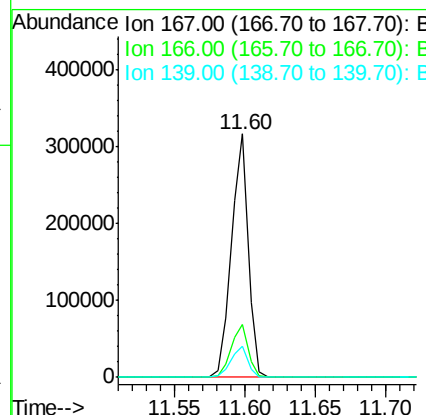
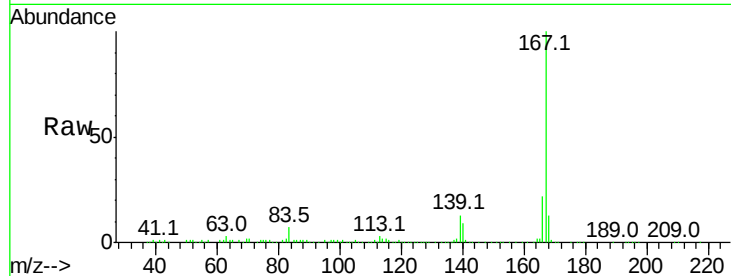




#72
 Carbazole
 Concen: 46.004 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

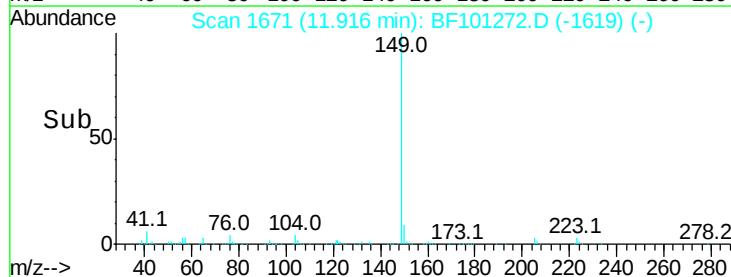
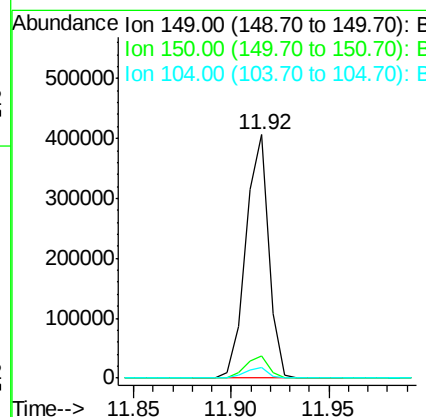
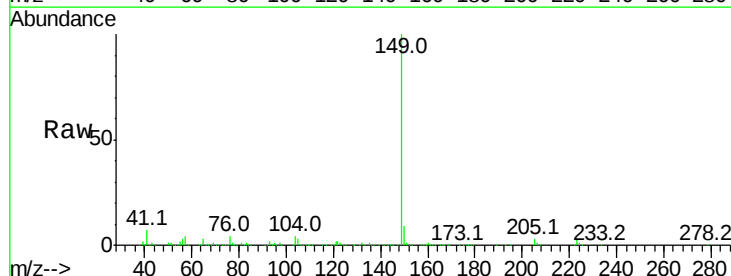
Instrument :
 BNA_F
 ClientSampleId :

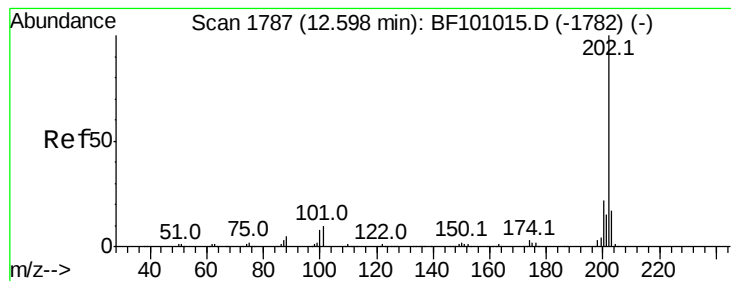
Tot Ion:167 Resp: 262435
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.8 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 45.876 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion:149 Resp: 328023
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 4.3 3.8 5.8





#74

Fluoranthene

Concen: 62.019 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

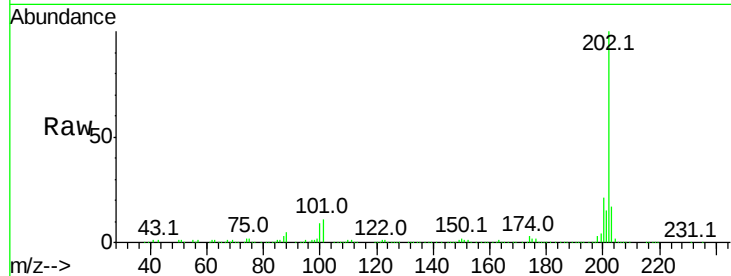
Tot Ion:202 Resp: 424101

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

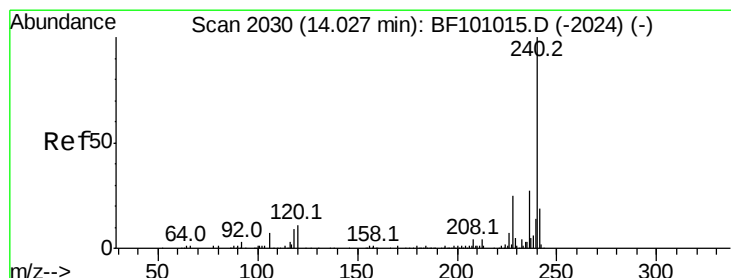
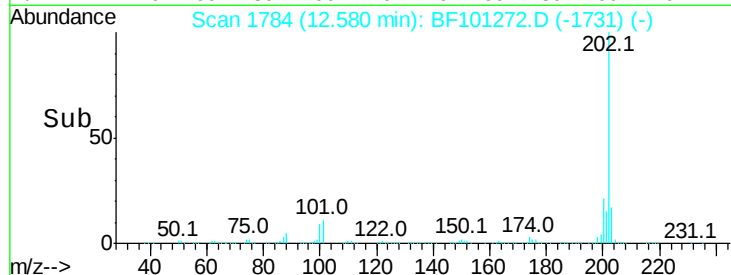
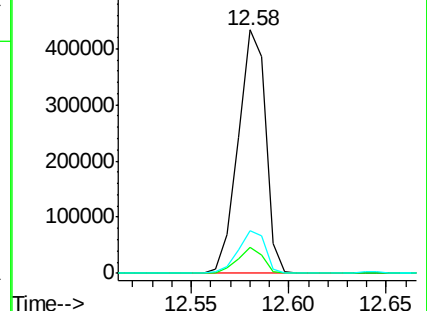
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

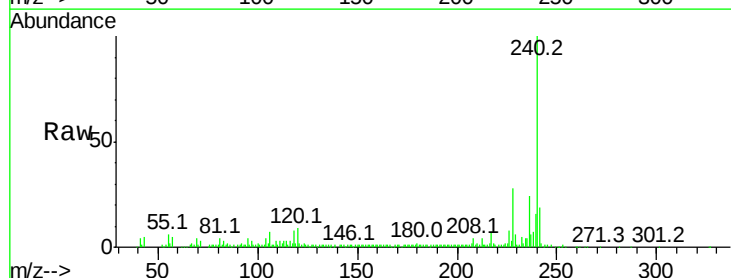
Tgt Ion:240 Resp: 82901

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

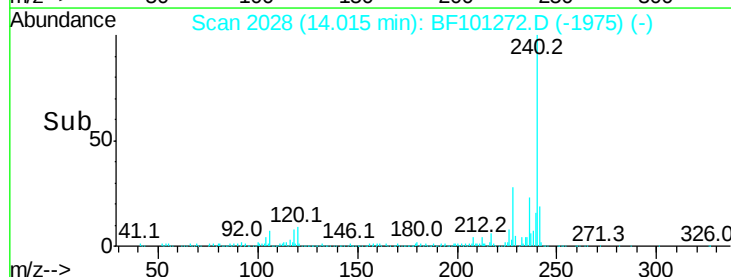
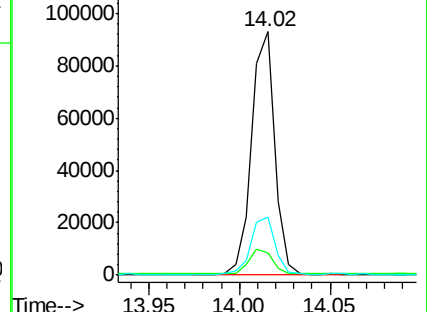
236 23.7 20.7 31.1

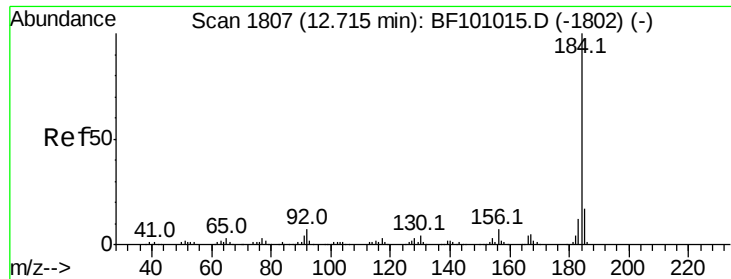


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 48.043 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

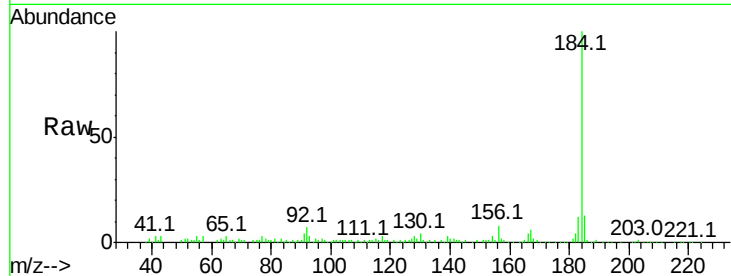
Tot Ion:184 Resp: 129515

Ion Ratio Lower Upper

184 100

185 13.4 12.6 18.8

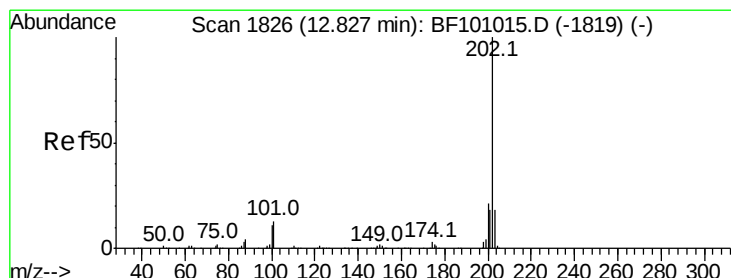
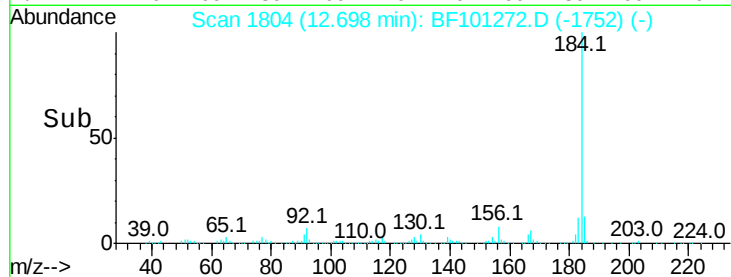
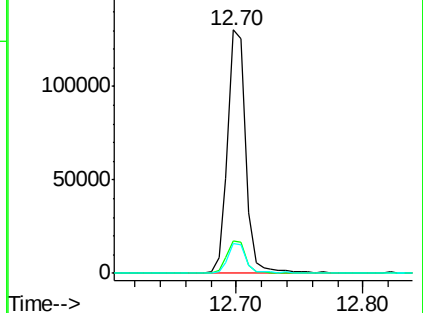
183 12.2 9.3 13.9



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: 71.327 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

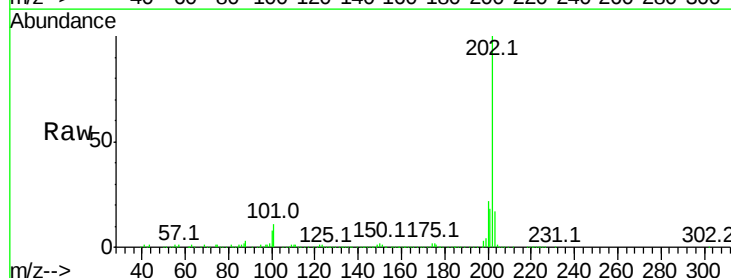
Tgt Ion:202 Resp: 408019

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

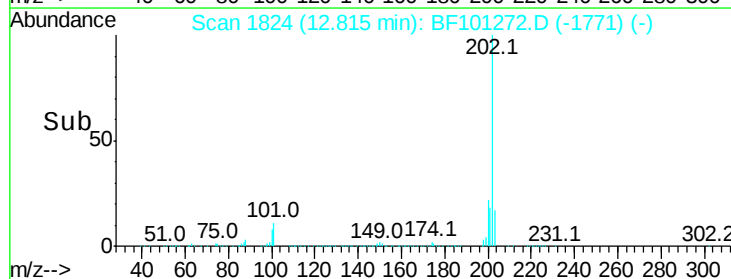
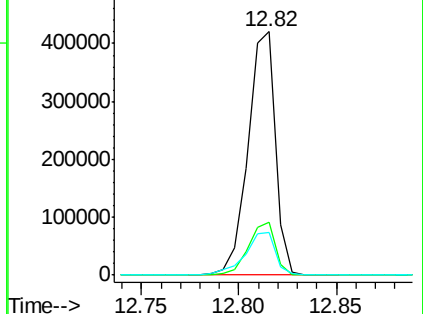
203 17.3 14.3 21.5

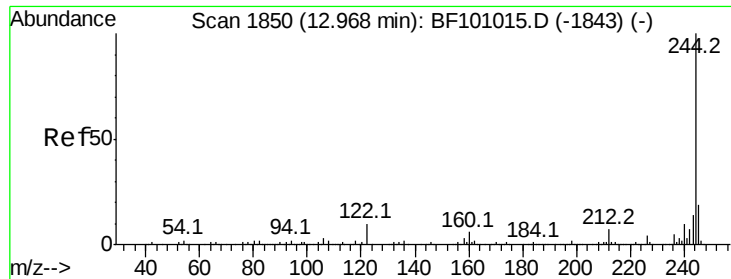


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

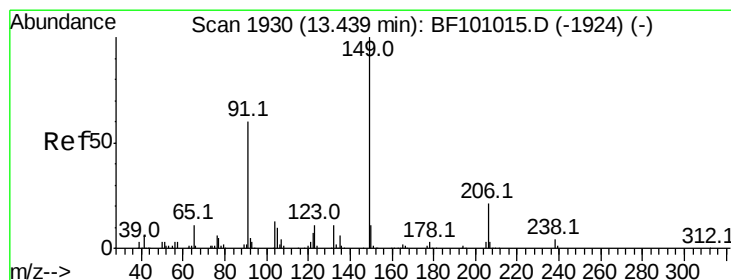
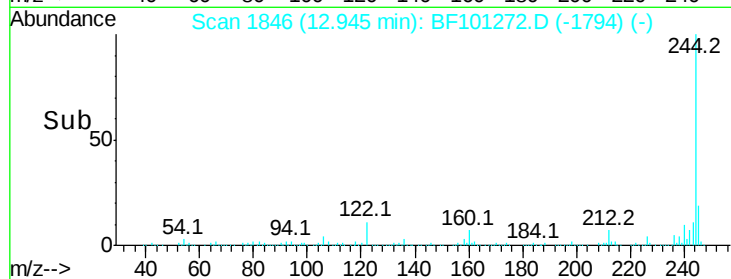
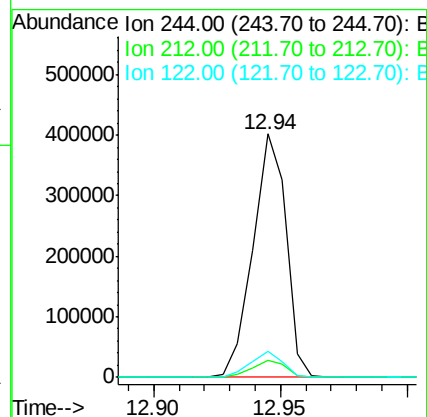
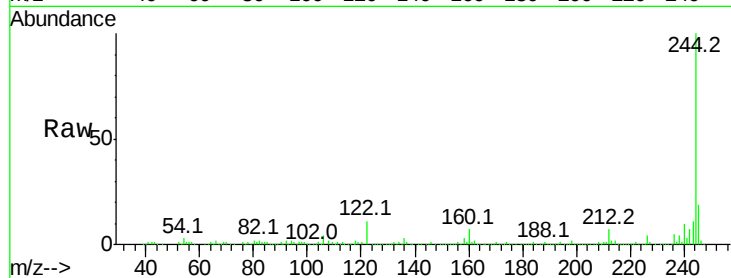




#78
 Terphenyl-d14
 Concen: 97.032 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

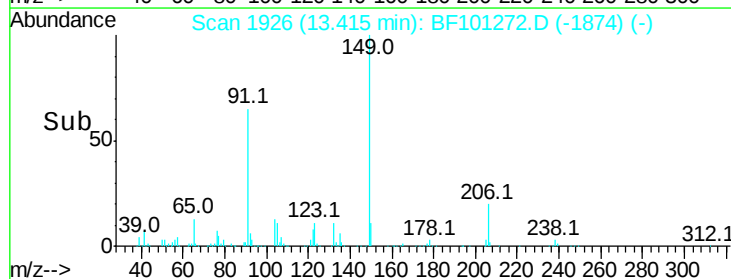
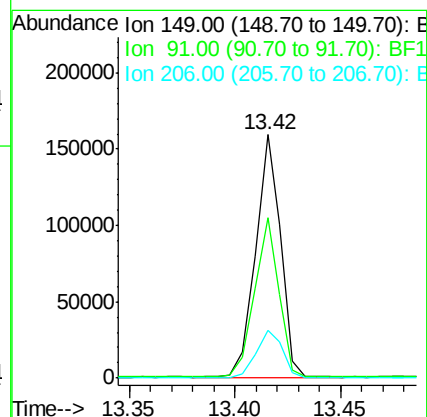
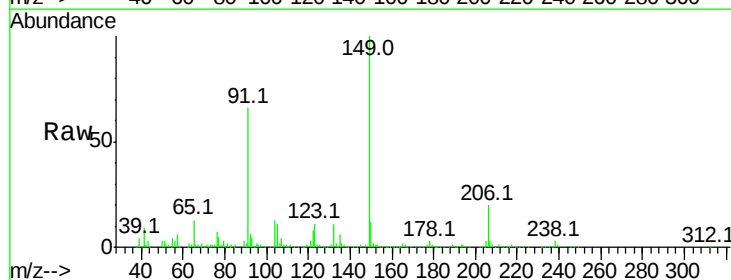
Instrument :
 BNA_F
 ClientSampled :

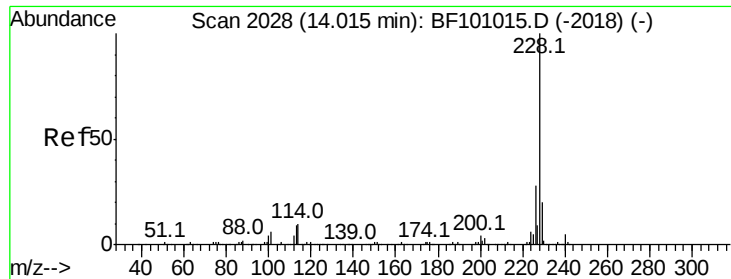
Tot Ion:244 Resp: 367768
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.9 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 51.561 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: BF101272.D
 Acq: 9 Dec 2017 9:18

Tgt Ion:149 Resp: 130040
 Ion Ratio Lower Upper
 149 100
 91 65.6 56.8 85.2
 206 19.9 14.1 21.1





#80

Benzo(a)anthracene

Concen: 53.833 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

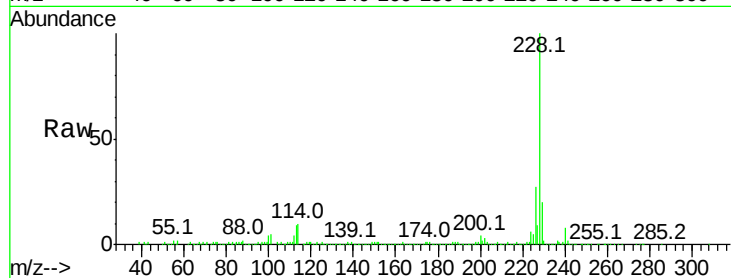
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 281773

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.6	15.8	23.6

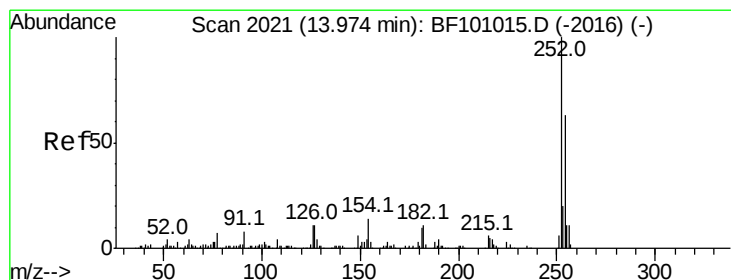
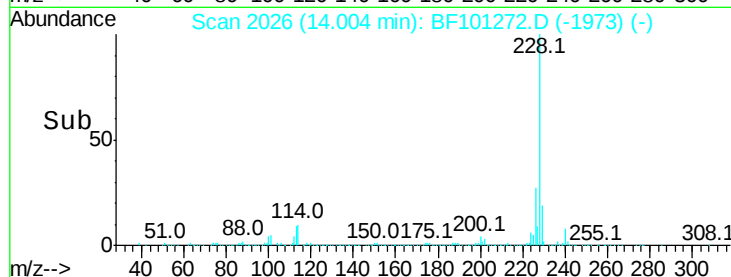
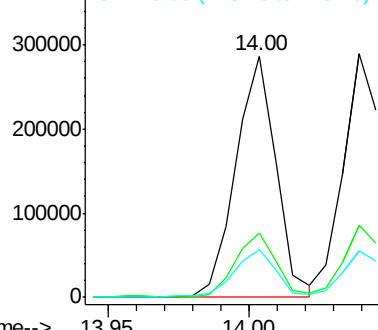


Abundance

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



#81

3,3'-Dichlorobenzidine

Concen: 41.765 ng

RT: 13.96 min Scan# 2019

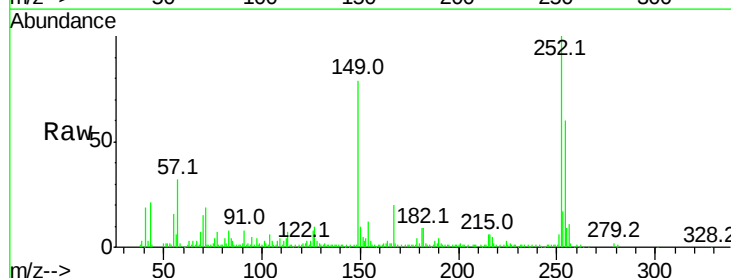
Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Tgt Ion:252 Resp: 75709

Ion	Ratio	Lower	Upper
252	100		
254	60.1	50.4	75.6
126	8.5	11.3	16.9

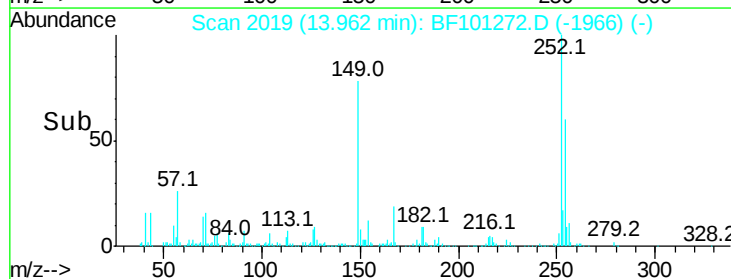
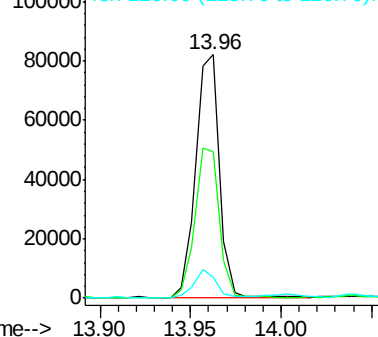


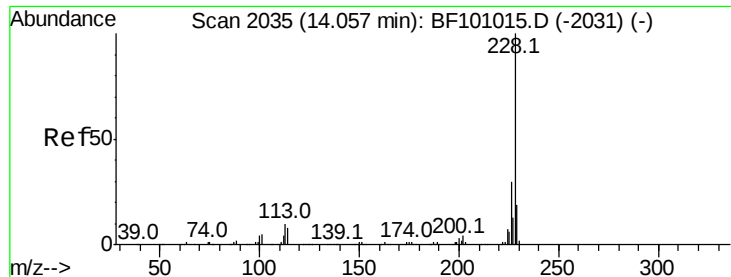
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.823 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

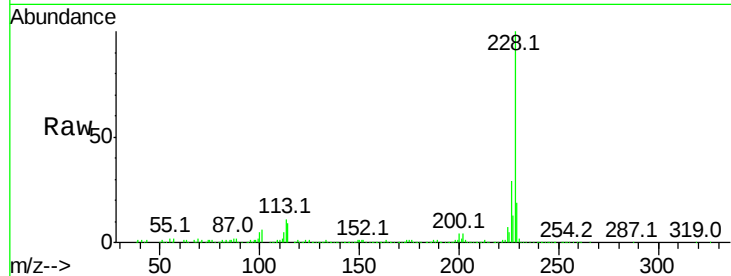
Tot Ion:228 Resp: 256780

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

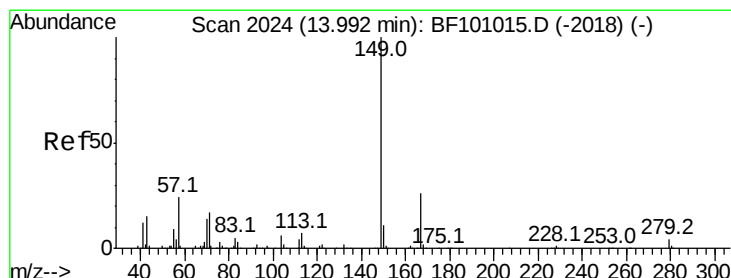
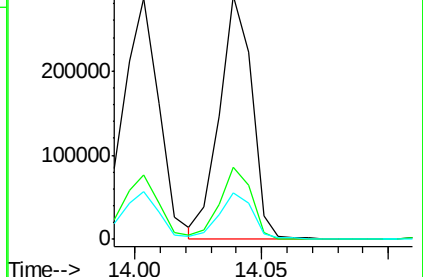
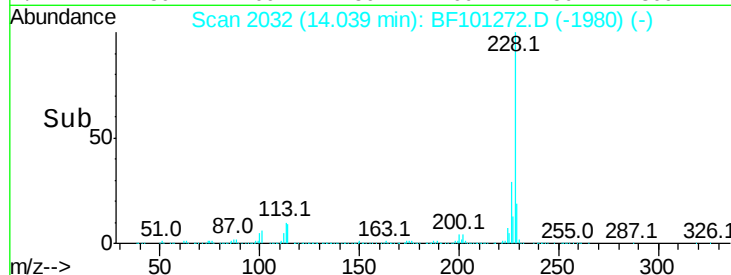
229 19.1 16.2 24.4



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: 52.465 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

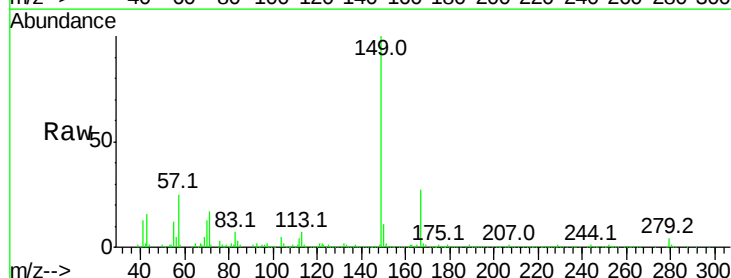
Tgt Ion:149 Resp: 188668

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

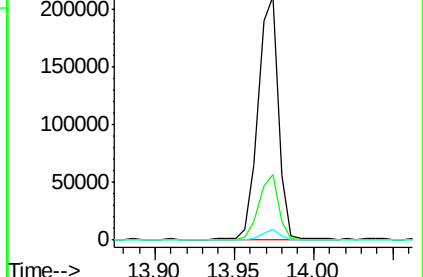
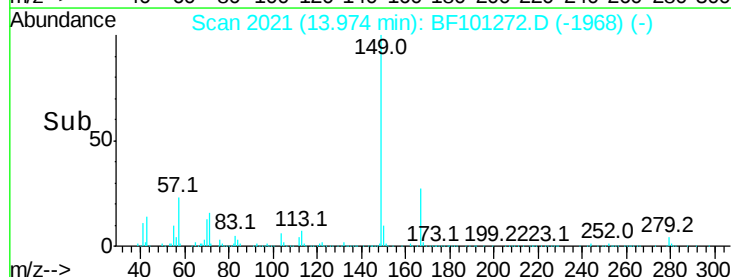
279 4.1 3.0 4.4

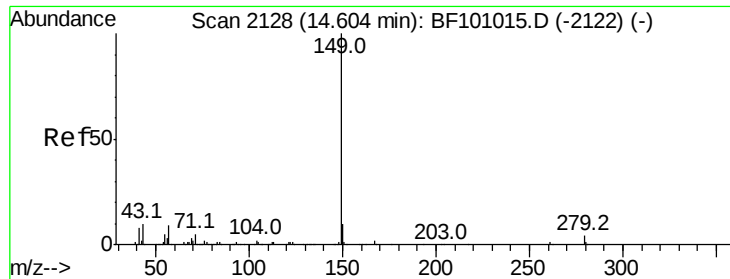


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

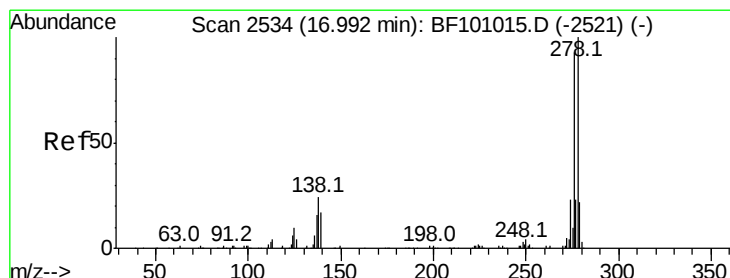
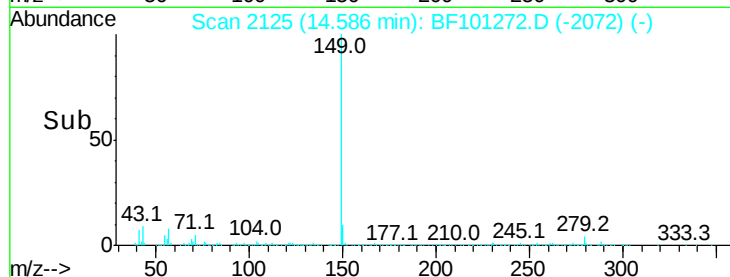
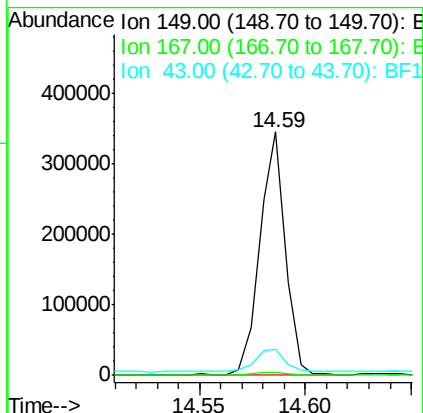
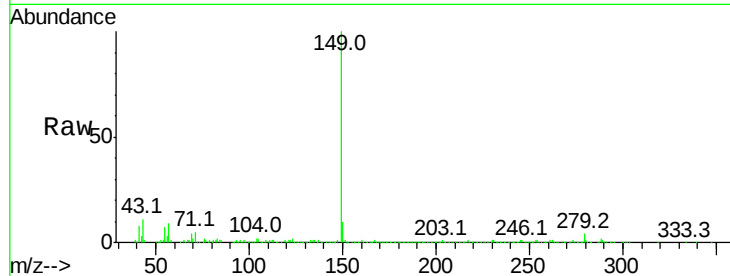




#84
Di-n-octyl phthalate
Concen: 47.787 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

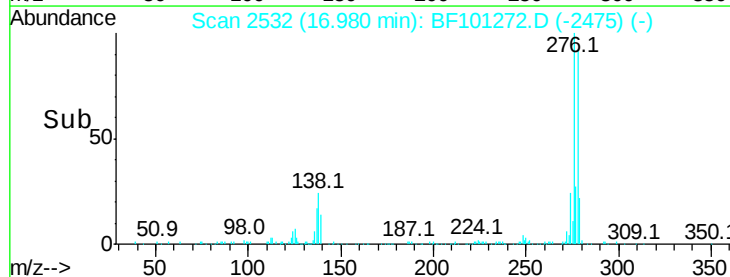
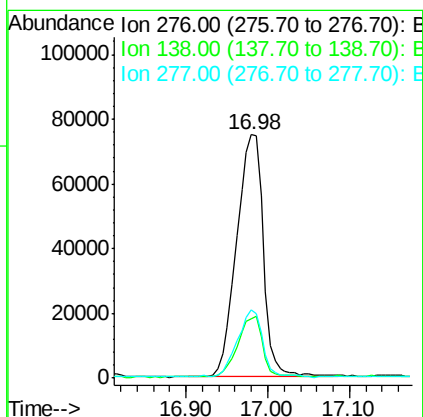
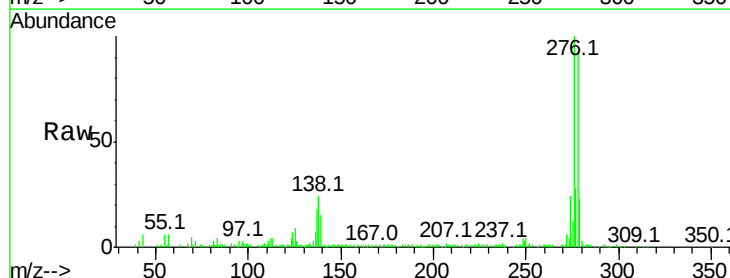
Instrument :
BNA_F
ClientSampleId :

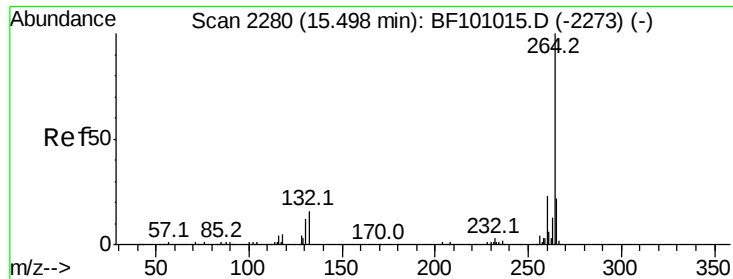
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.9	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 39.603 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.04 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	25.6	20.1	30.1

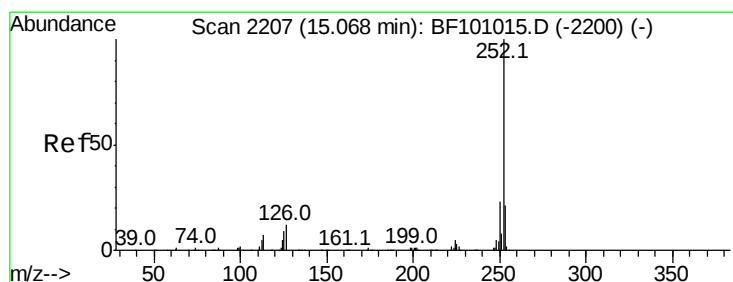
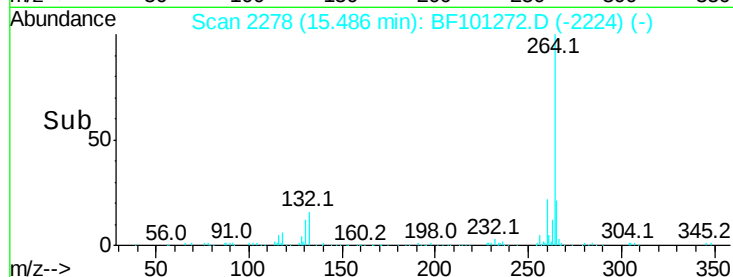
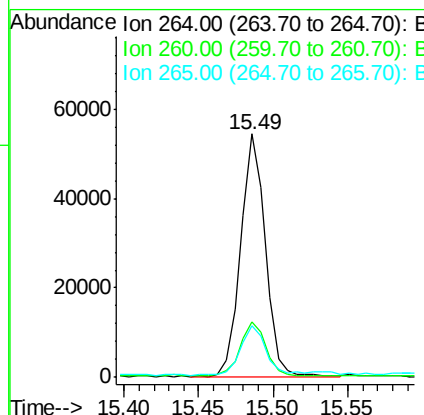
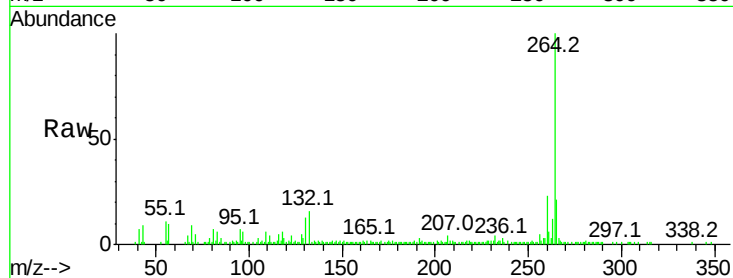




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

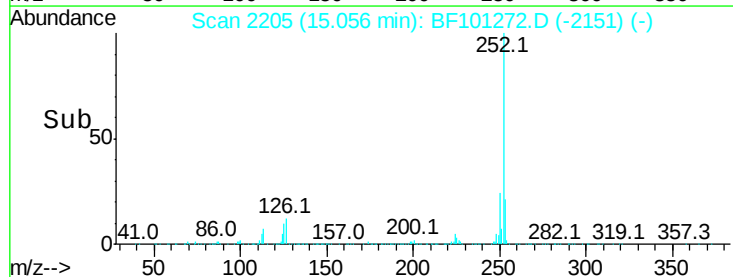
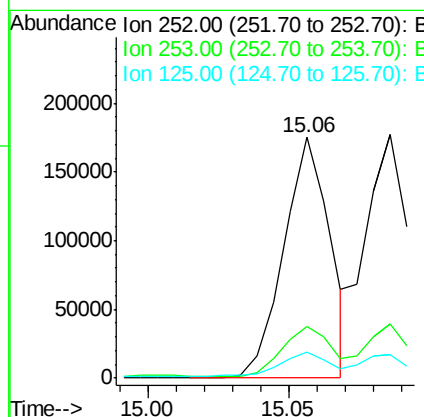
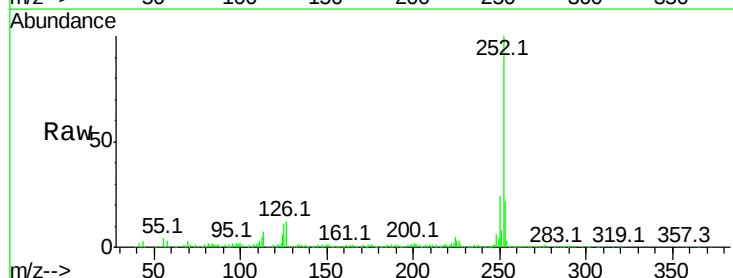
Instrument :
BNA_F
ClientSampleId :

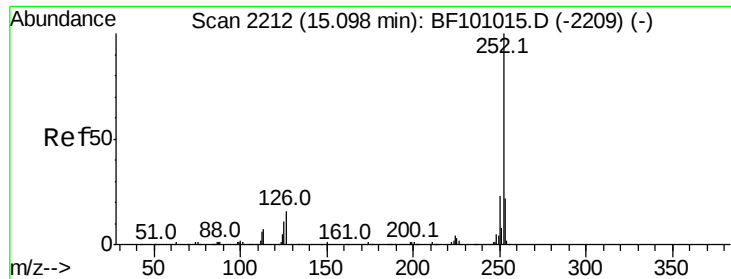
Tot Ion:264 Resp: 63499
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 52.394 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion:252 Resp: 199277
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 10.9 9.0 13.6

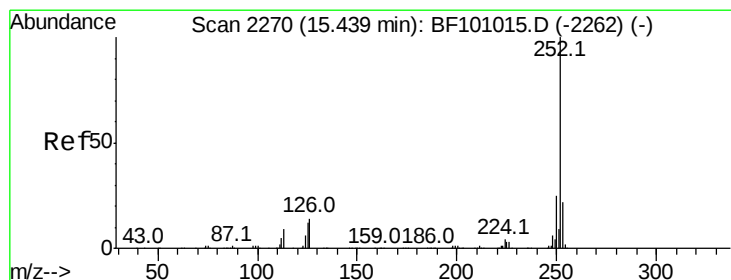
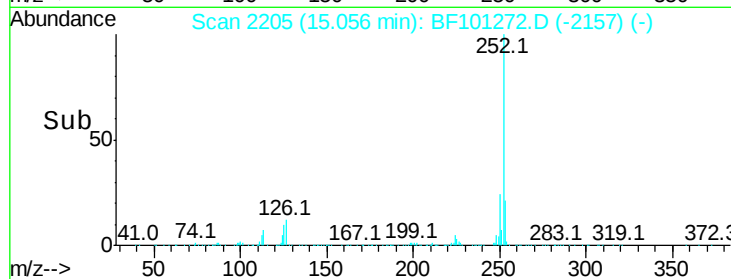
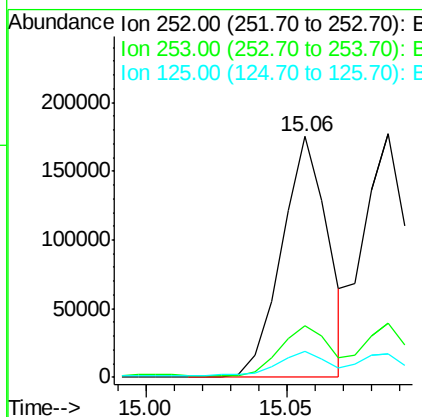
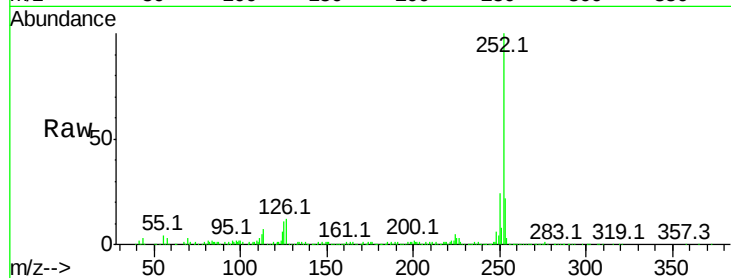




#88
Benzo(k)fluoranthene
Concen: 53.180 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

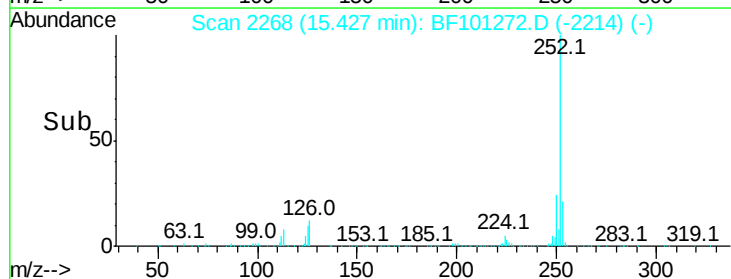
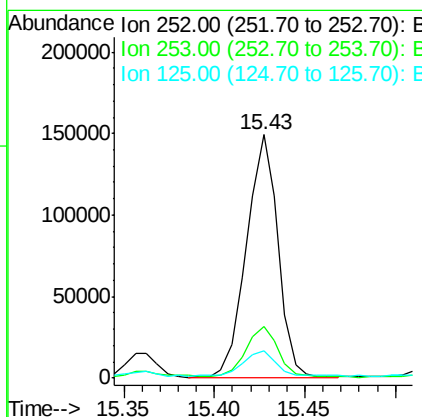
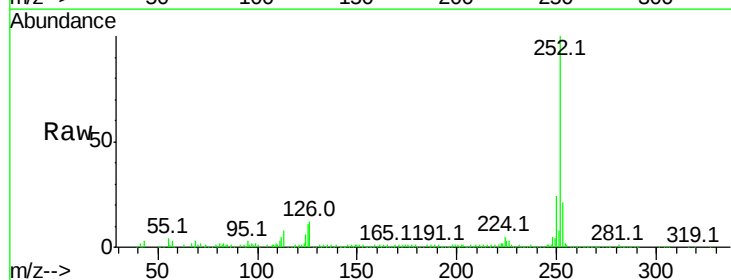
Instrument :
BNA_F
ClientSampleId :

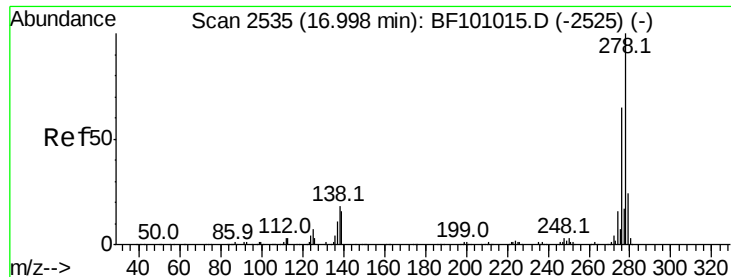
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.9	10.2	15.2



#89
Benzo(a)pyrene
Concen: 51.557 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101272.D
Acq: 9 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	11.0	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 45.462 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.03 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

Instrument :

BNA_F

ClientSampled :

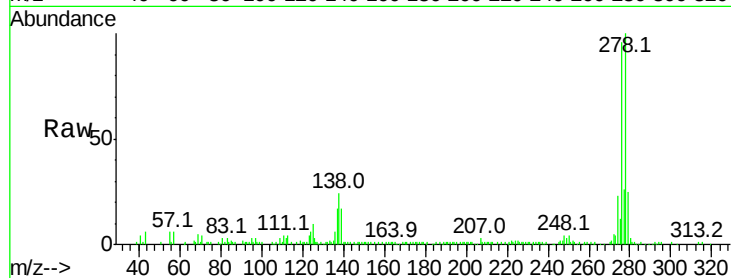
Tot Ion:278 Resp: 138585

Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

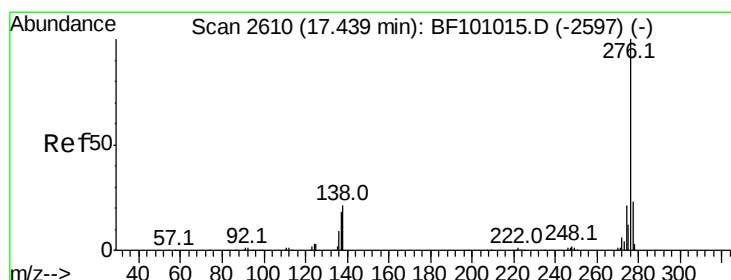
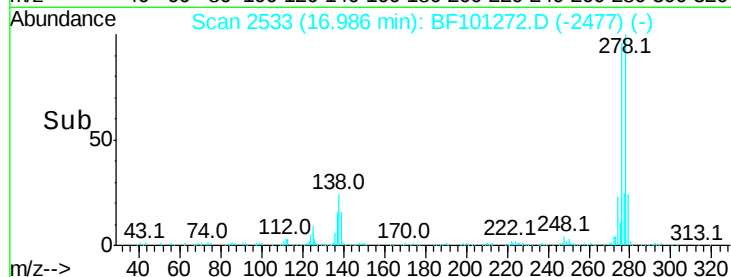
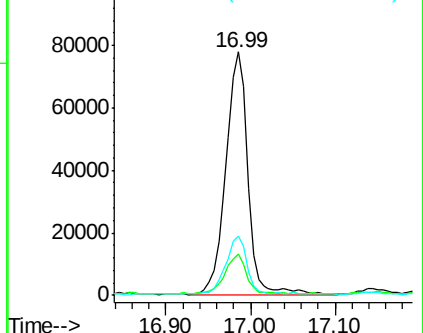
279 24.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 48.843 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.04 min

Lab File: BF101272.D

Acq: 9 Dec 2017 9:18

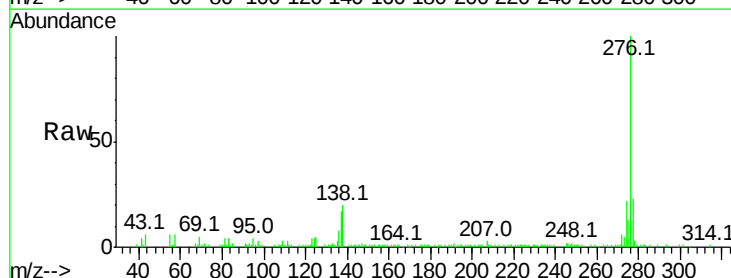
Tgt Ion:276 Resp: 140318

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 20.2 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

