

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101418.D
 Acq On : 15 Dec 2017 2:30
 Operator : SJ/JU
 Sample : I6828-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 04:52:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178044	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	724642	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	331836	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	615355	20.00	ng	0.00
75) Chrysene-d12	14.00	240	410301	20.00	ng	0.00
86) Perylene-d12	15.46	264	350266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1080440	90.39	ng	0.01
7) Phenol-d6	6.46	99	1306681	87.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	848003	65.14	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	301584	94.32	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1311121	61.29	ng	0.00
78) Terphenyl-d14	12.93	244	1295799	76.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	172068	28.016	ng	93
3) Pyridine	3.39	79	452195	26.500	ng	97
4) n-Nitrosodimethylamine	3.35	42	241399	30.725	ng	99
6) Aniline	6.49	93	245982	11.899	ng	# 88
8) 2-Chlorophenol	6.60	128	399211	31.750	ng	98
9) Benzaldehyde	6.37	77	131573	11.977	ng	100
10) Phenol	6.47	94	558252	32.926	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	411057	30.908	ng	92
12) 1,3-Dichlorobenzene	6.75	146	437327	30.818	ng	98
13) 1,4-Dichlorobenzene	6.83	146	443534	30.607	ng	98
14) 1,2-Dichlorobenzene	6.99	146	405896	31.118	ng	97
15) Benzyl Alcohol	6.96	79	316946	30.955	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	711739	34.969	ng	87
17) 2-Methylphenol	7.07	107	344012	29.744	ng	# 95
18) Hexachloroethane	7.32	117	155373	30.839	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	284143	29.086	ng	93
20) 3+4-Methylphenols	7.23	107	423281	34.537	ng	# 54
22) Acetophenone	7.23	105	516169	31.217	ng	# 89
24) Nitrobenzene	7.40	77	452136	31.382	ng	100
25) Isophorone	7.64	82	847756	32.463	ng	98
26) 2-Nitrophenol	7.72	139	219316	35.433	ng	97
27) 2,4-Dimethylphenol	7.75	122	365668	34.775	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	525397	31.672	ng	99
29) 2,4-Dichlorophenol	7.96	162	353573	34.034	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	341678	31.166	ng	95
31) Naphthalene	8.12	128	1139904	31.246	ng	99
32) Benzoic acid	7.86	122	29573	11.442	ng	97
33) 4-Chloroaniline	8.17	127	108266	6.828	ng	98
34) Hexachlorobutadiene	8.23	225	195252	30.793	ng	99
35) Caprolactam	8.55	113	64888	17.988	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	372000	32.579	ng	97
37) 2-Methylnaphthalene	8.81	142	761388	32.034	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	331644	29.601	ng	98
40) Hexachlorocyclopentadiene	8.96	237	73173	44.455	ng	99

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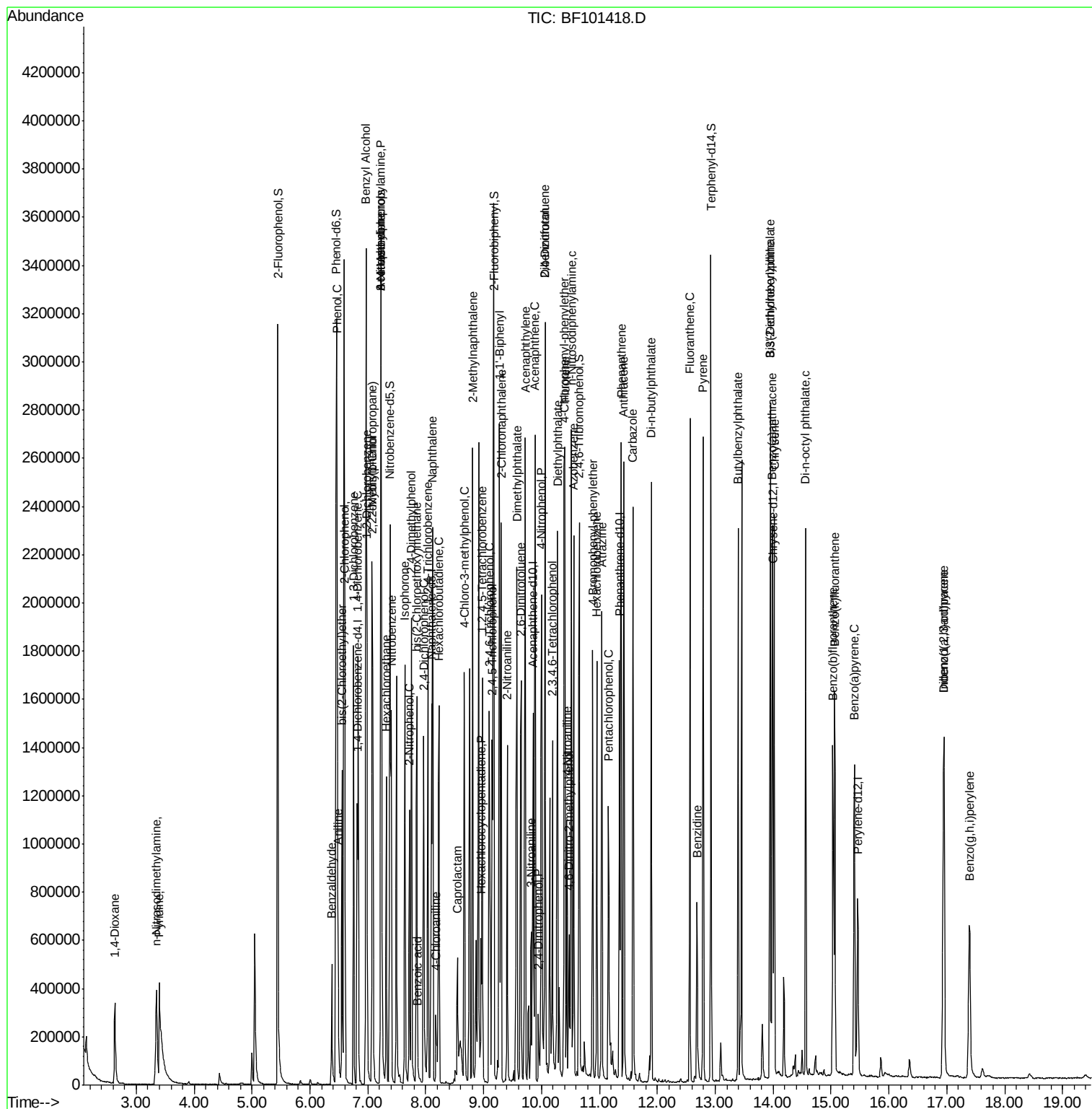
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	225704	33.463	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	237276	32.128	ng	95
45) 1,1'-Biphenyl	9.27	154	869306	29.539	ng	99
46) 2-Chloronaphthalene	9.30	162	702457	31.196	ng	97
47) 2-Nitroaniline	9.41	65	257366	33.086	ng	94
48) Acenaphthylene	9.72	152	1059324	29.785	ng	99
49) Dimethylphthalate	9.57	163	893338	33.469	ng	99
50) 2,6-Dinitrotoluene	9.65	165	180815	33.331	ng	96
51) Acenaphthene	9.89	154	639779	29.941	ng	98
52) 3-Nitroaniline	9.82	138	97960	14.484	ng	99
53) 2,4-Dinitrophenol	9.95	184	45534	31.311	ng	# 18
54) Dibenzofuran	10.06	168	875406	32.237	ng	98
55) 4-Nitrophenol	10.00	139	202248	68.578	ng	92
56) 2,4-Dinitrotoluene	10.06	165	210794	34.488	ng	# 84
57) Fluorene	10.40	166	732588	31.891	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	190324	35.870	ng	89
59) Diethylphthalate	10.27	149	792326	29.976	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	348932	31.694	ng	94
61) 4-Nitroaniline	10.44	138	176145	25.910	ng	97
62) Azobenzene	10.56	77	830780	30.341	ng	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	77707	24.746	ng	94
65) n-Nitrosodiphenylamine	10.52	169	691690	30.442	ng	96
66) 4-Bromophenyl-phenylether	10.89	248	221021	31.966	ng	# 84
67) Hexachlorobenzene	10.96	284	226936	31.011	ng	# 90
68) Atrazine	11.05	200	222707	32.872	ng	96
69) Pentachlorophenol	11.16	266	174949	62.995	ng	97
70) Phenanthrene	11.37	178	1067620	31.198	ng	98
71) Anthracene	11.43	178	1104430	31.595	ng	99
72) Carbazole	11.58	167	1013490	30.968	ng	99
73) Di-n-butylphthalate	11.90	149	1238409	31.177	ng	99
74) Fluoranthene	12.56	202	1094564	30.473	ng	99
76) Benzidine	12.69	184	321312	18.542	ng	97
77) Pyrene	12.79	202	1102855	35.815	ng	100
79) Butylbenzylphthalate	13.40	149	508333	36.484	ng	98
80) Benzo(a)anthracene	13.99	228	842957	31.114	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	187391	21.212	ng	# 96
82) Chrysene	14.02	228	786157	30.733	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	657542	37.259	ng	99
84) Di-n-octyl phthalate	14.56	149	1027553	32.648	ng	97
85) Indeno(1,2,3-cd)pyrene	16.95	276	681592	29.921	ng	96
87) Benzo(b)fluoranthene	15.03	252	711636	33.333	ng	99
88) Benzo(k)fluoranthene	15.06	252	611864	29.477	ng	98
89) Benzo(a)pyrene	15.40	252	634354	32.232	ng	99
90) Dibenzo(a,h)anthracene	16.95	278	570289	33.749	ng	98
91) Benzo(g,h,i)perylene	17.39	276	576483	34.453	ng	96

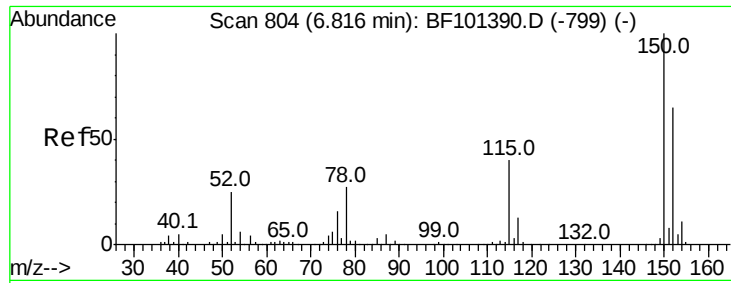
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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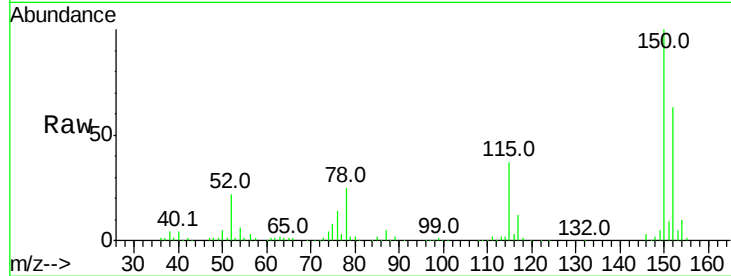


#1

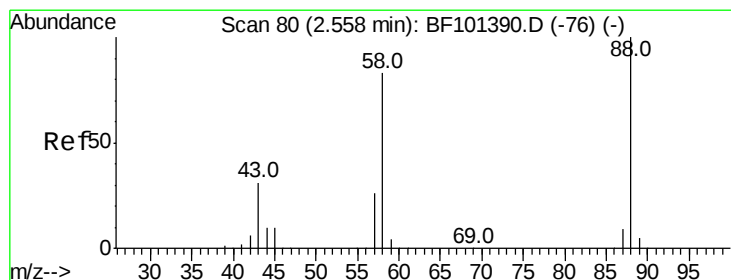
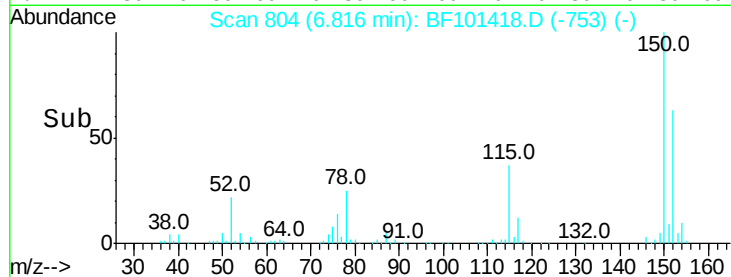
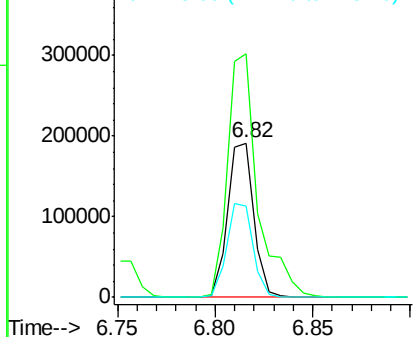
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178044
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 58.9 50.1 75.1



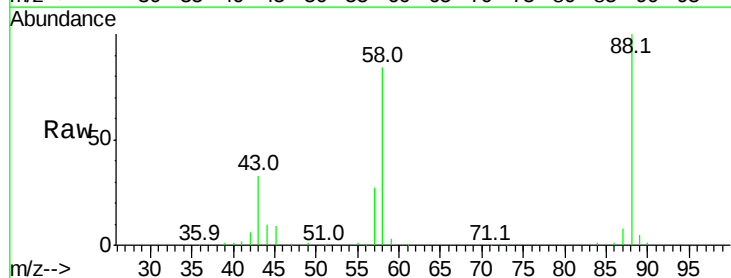
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



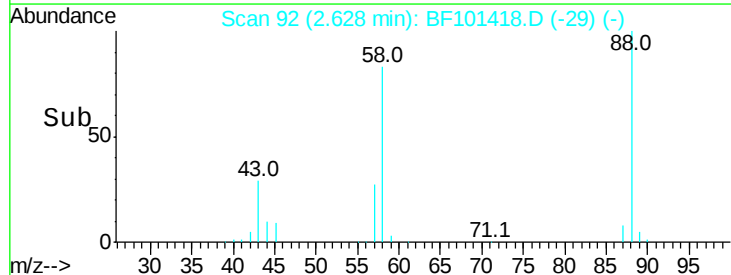
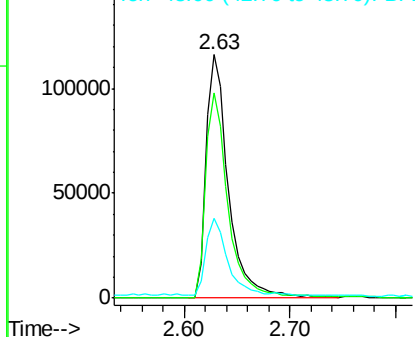
#2

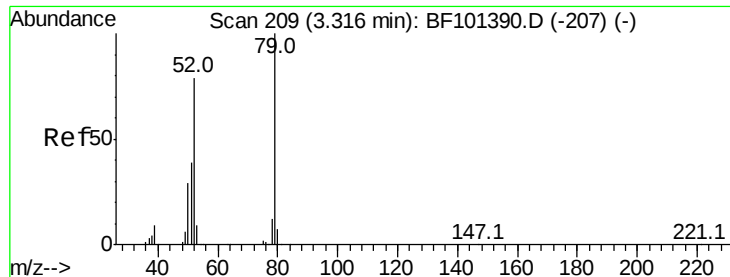
1,4-Dioxane
Concen: 28.016 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.07 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion: 88 Resp: 172068
Ion Ratio Lower Upper
88 100
58 85.4 62.6 93.8
43 32.8 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: 26.500 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.08 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

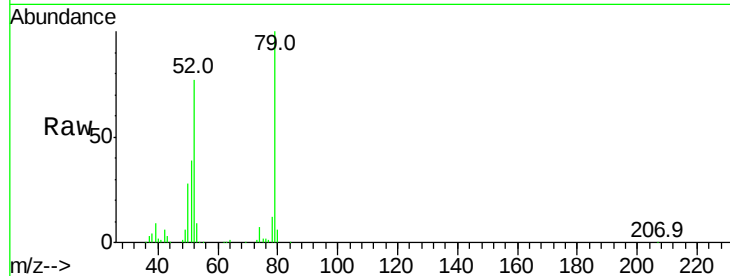
Tot Ion: 79 Resp: 452195

Ion Ratio Lower Upper

79 100

52 77.1 59.8 89.6

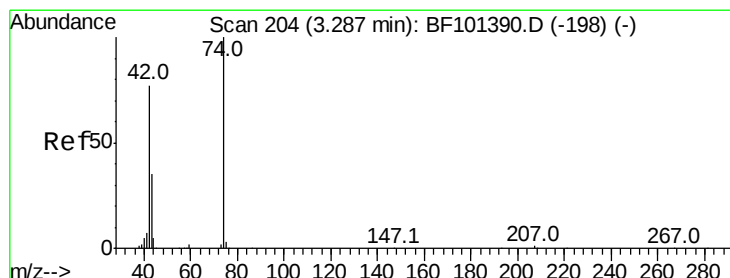
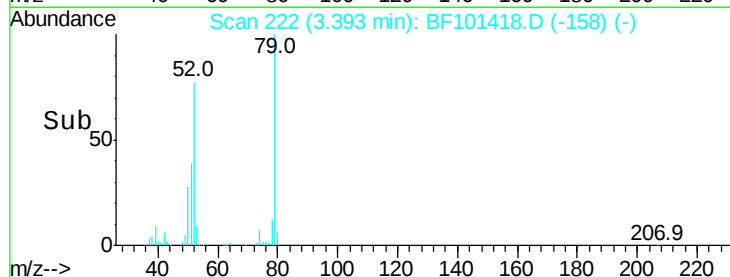
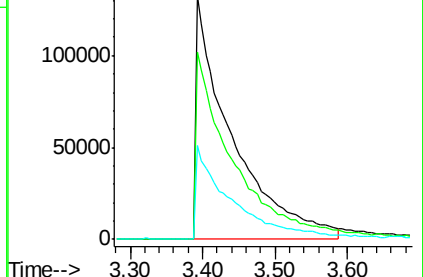
51 38.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 30.725 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.06 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

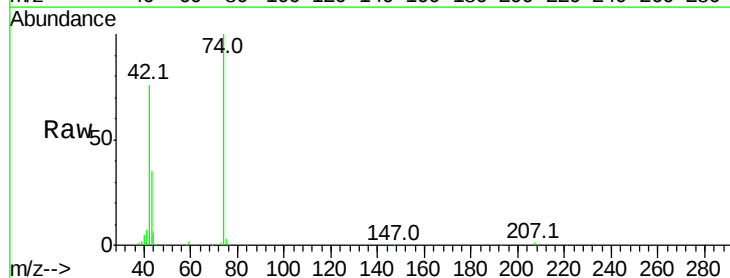
Tgt Ion: 42 Resp: 241399

Ion Ratio Lower Upper

42 100

74 132.4 104.9 157.3

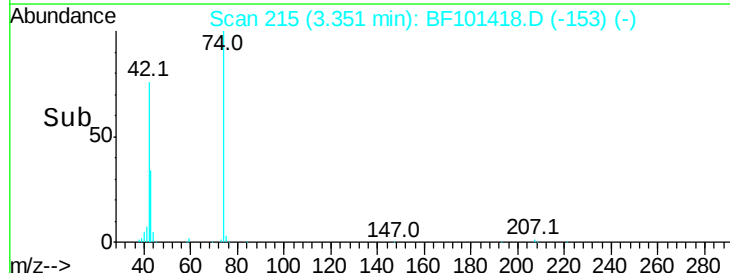
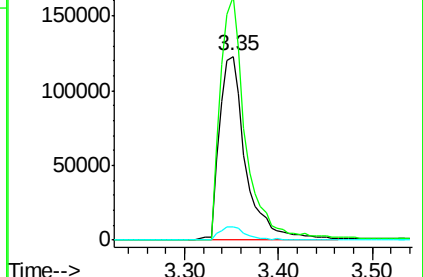
44 7.3 6.9 10.3

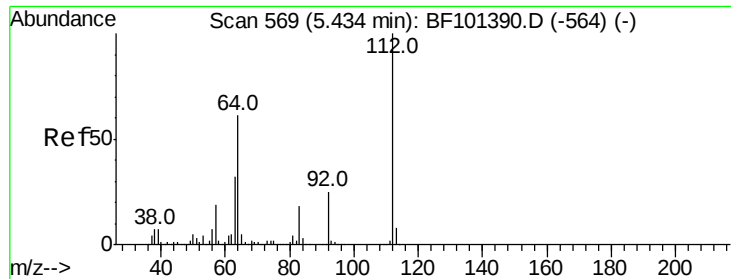


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 90.393 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

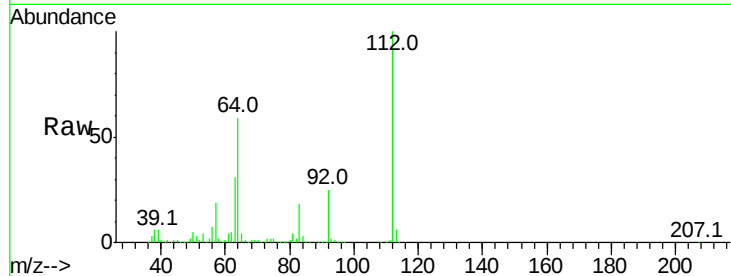
Tot Ion:112 Resp: 1080440

Ion Ratio Lower Upper

112 100

64 59.2 47.9 71.9

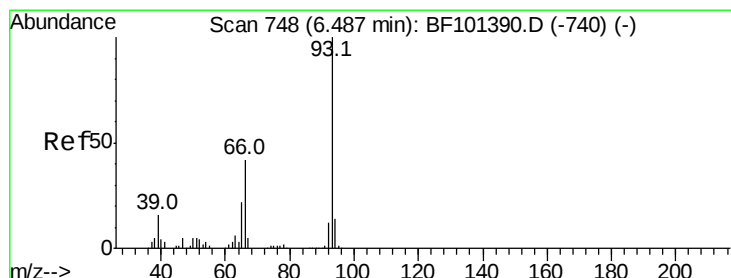
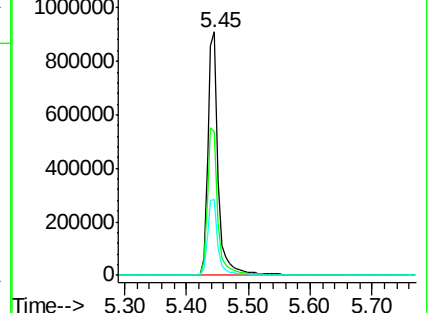
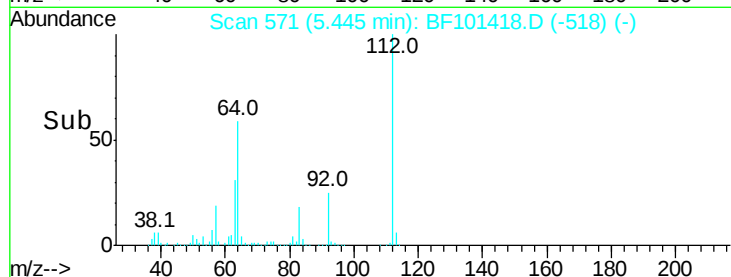
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.899 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

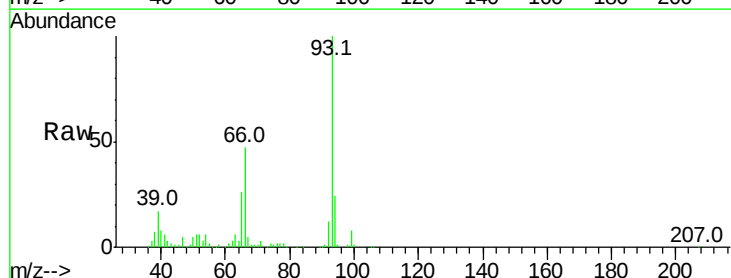
Tgt Ion: 93 Resp: 245982

Ion Ratio Lower Upper

93 100

66 47.2 32.2 48.2

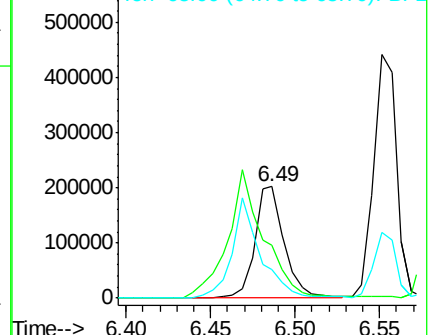
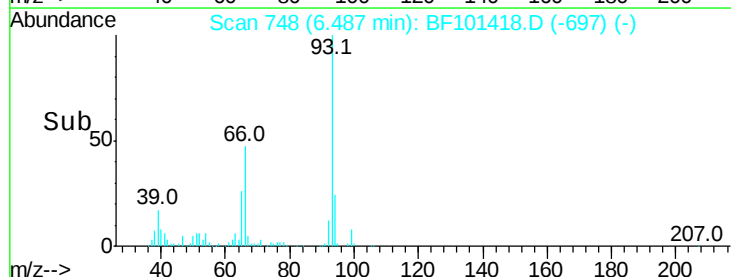
65 26.0 16.4 24.6#

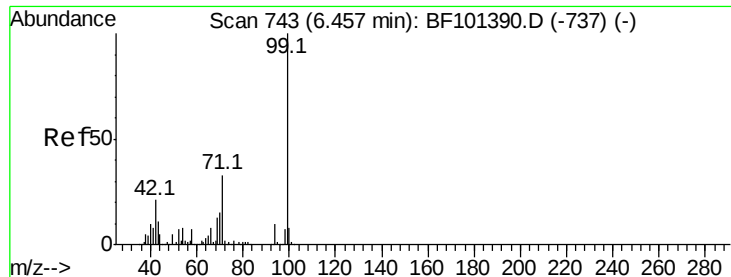


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.841 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

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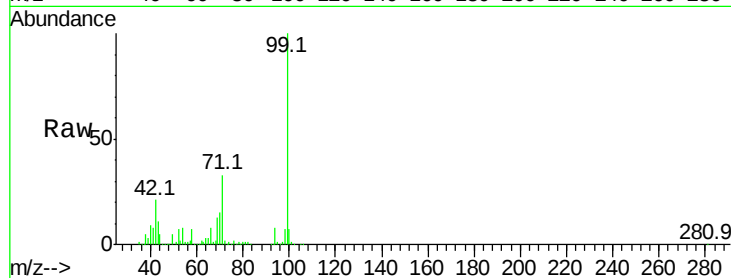
Tot Ion: 99 Resp: 1306681

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

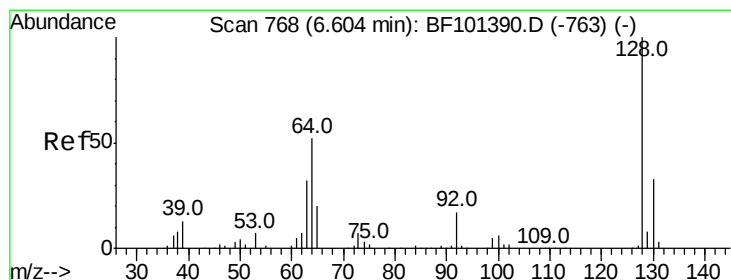
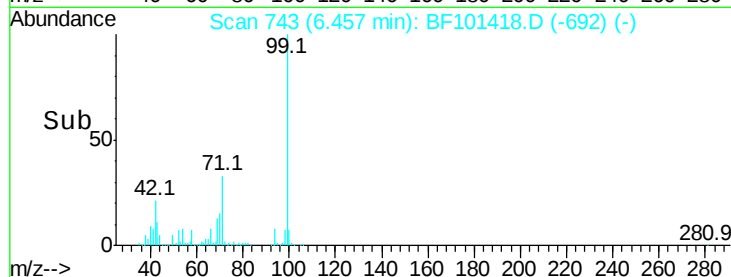
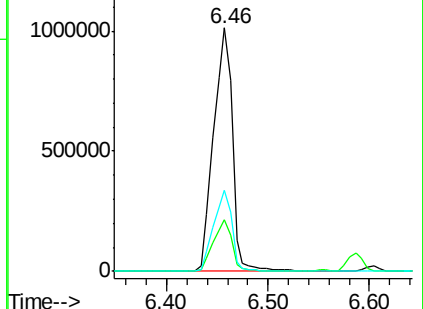
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.750 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

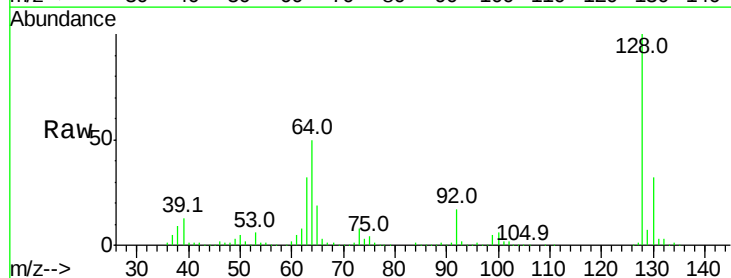
Tgt Ion:128 Resp: 399211

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

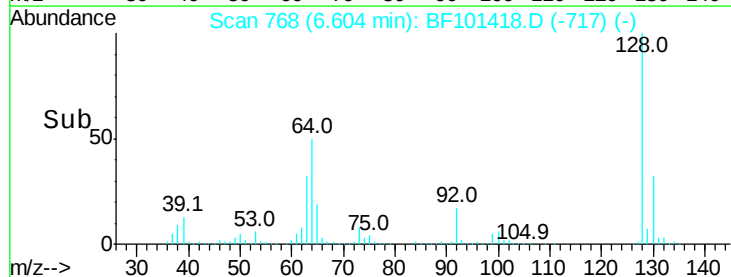
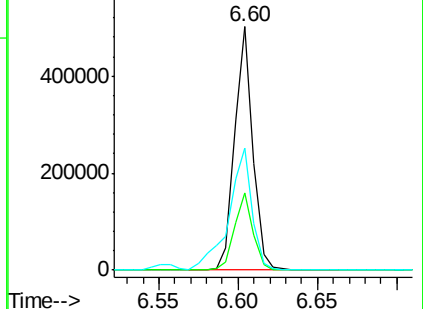
64 50.3 29.4 69.4

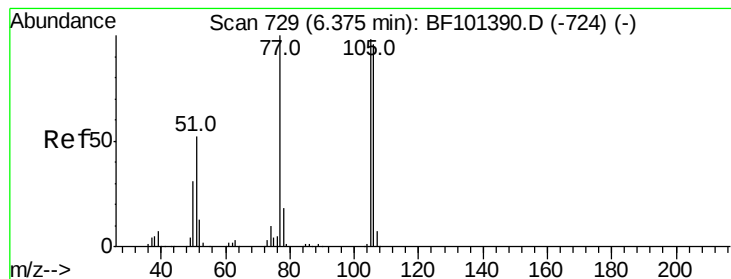


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.977 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

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Acq: 15 Dec 2017 2:30

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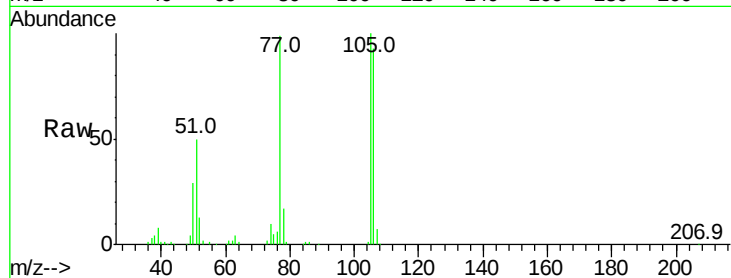
Tot Ion: 77 Resp: 131573

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

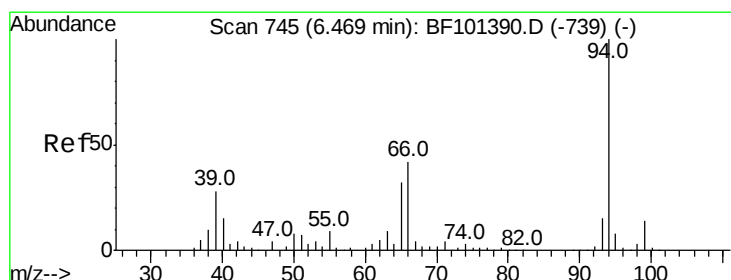
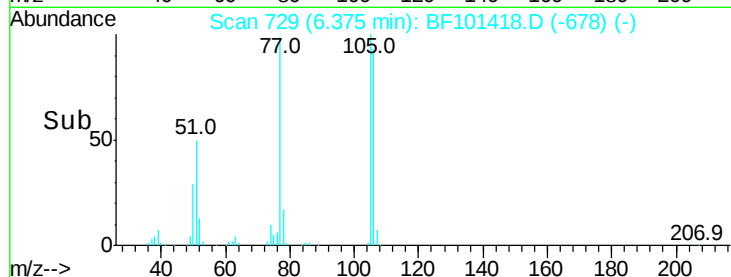
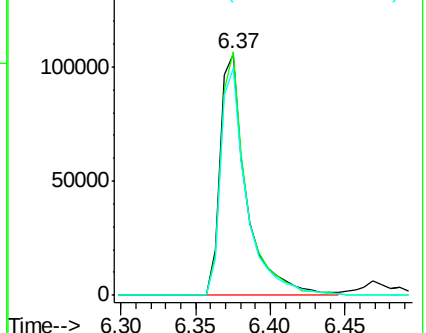
106 94.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.926 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

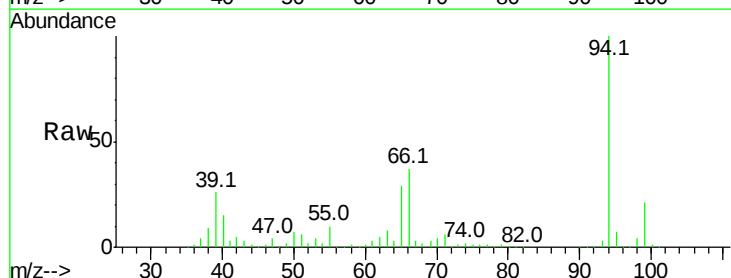
Tgt Ion: 94 Resp: 558252

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

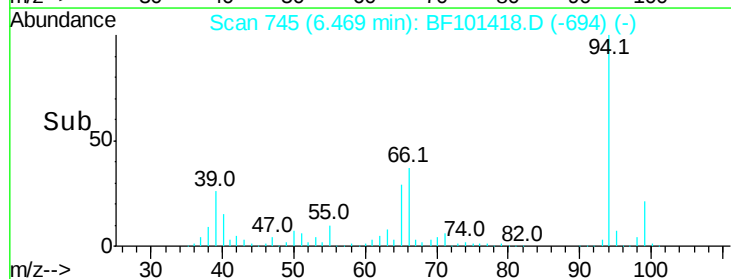
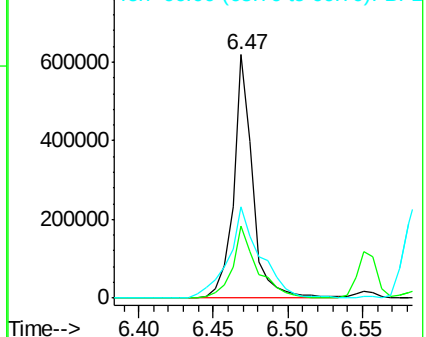
66 37.5 16.2 56.2



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

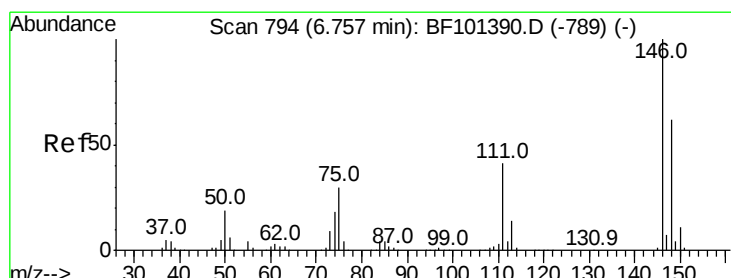
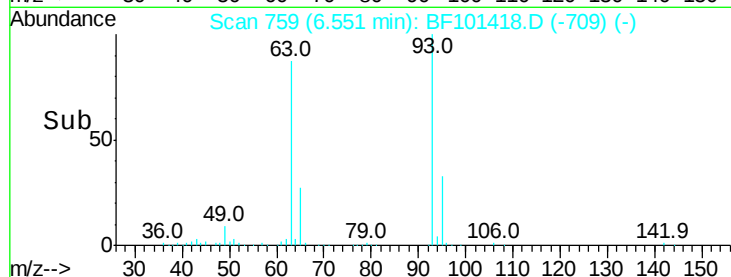
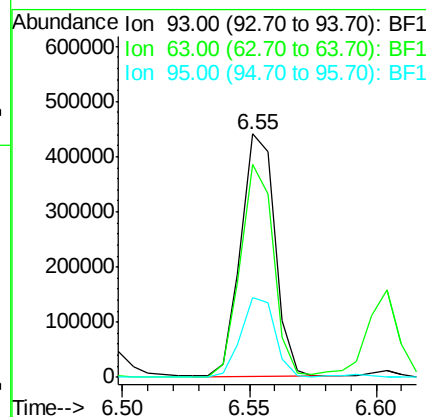
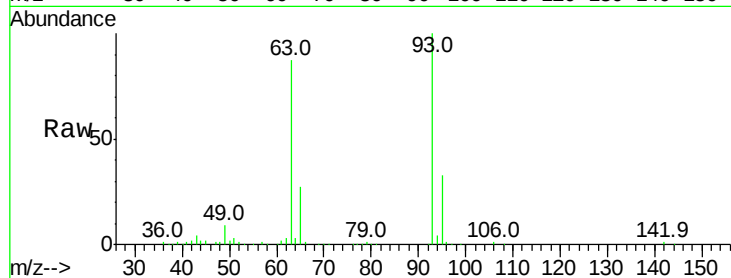




#11
bis(2-Chloroethyl)ether
Concen: 30.908 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

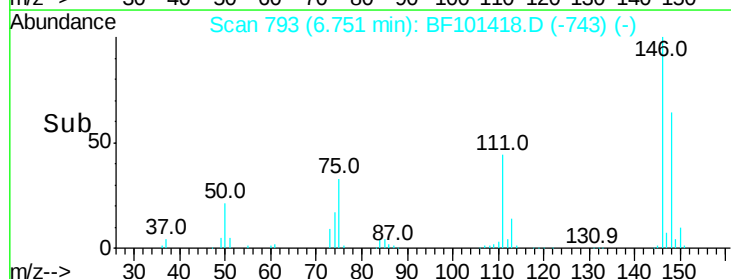
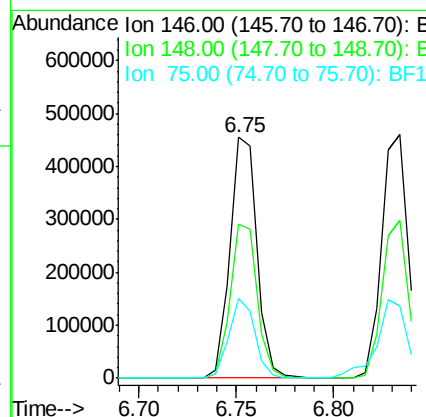
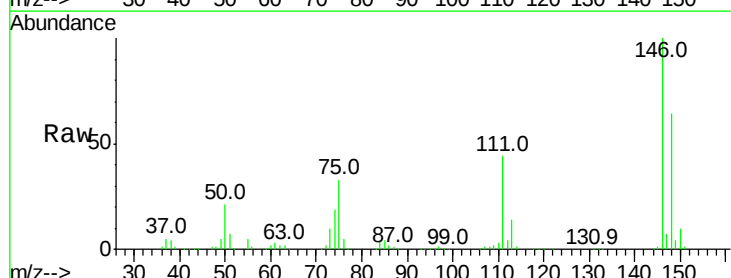
Instrument :
BNA_F
ClientSampled :

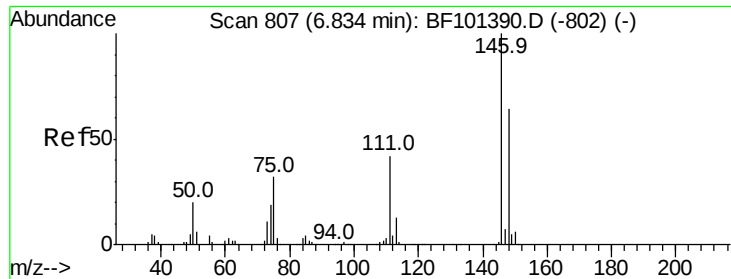
Tot Ion: 93 Resp: 411057
Ion Ratio Lower Upper
93 100
63 87.4 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 30.818 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion: 146 Resp: 437327
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 33.2 24.2 36.4

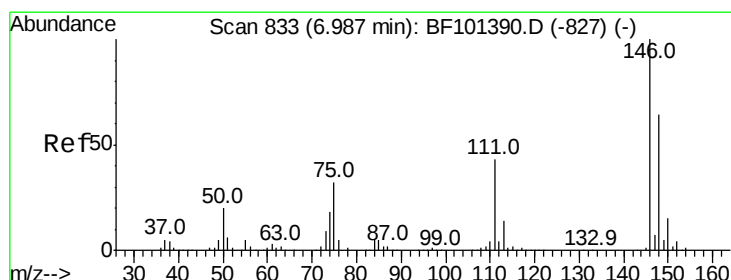
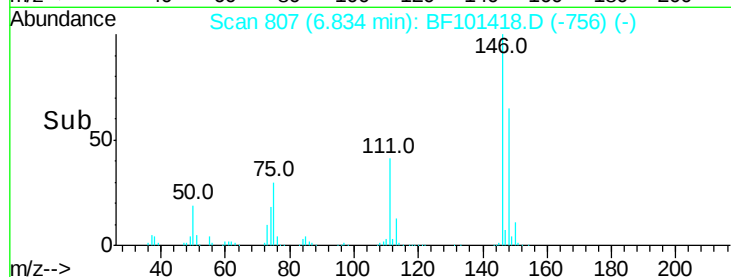
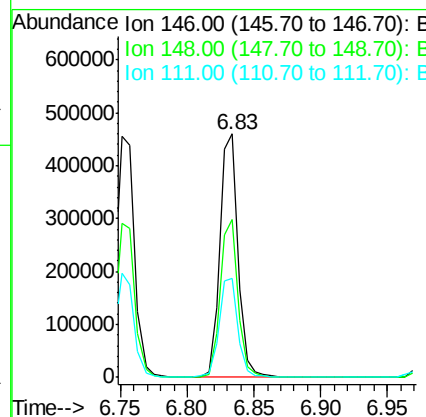
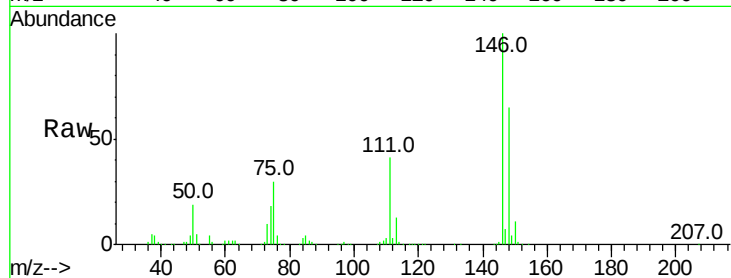




#13
 1,4-Dichlorobenzene
 Concen: 30.607 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

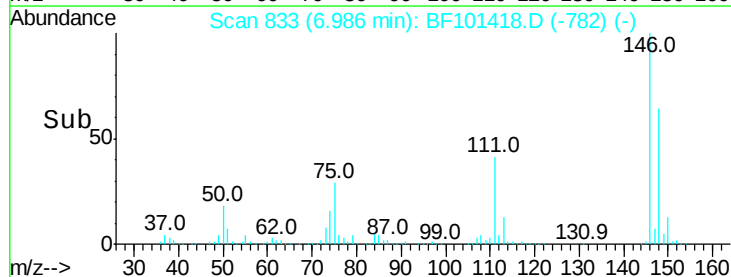
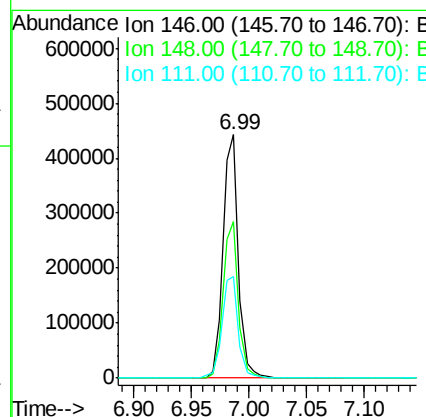
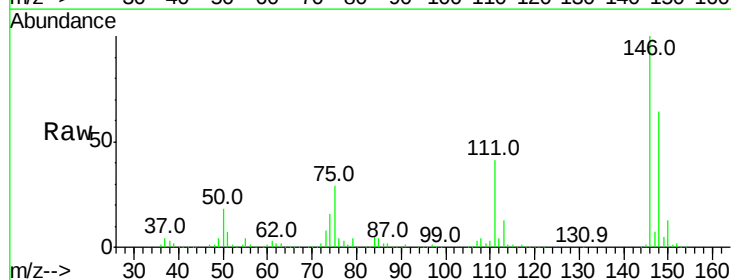
Instrument :
 BNA_F
 ClientSampled :

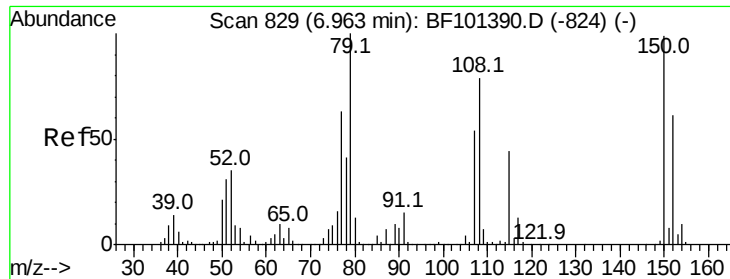
Tot Ion:146 Resp: 443534
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 40.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.118 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion:146 Resp: 405896
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 41.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 30.955 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

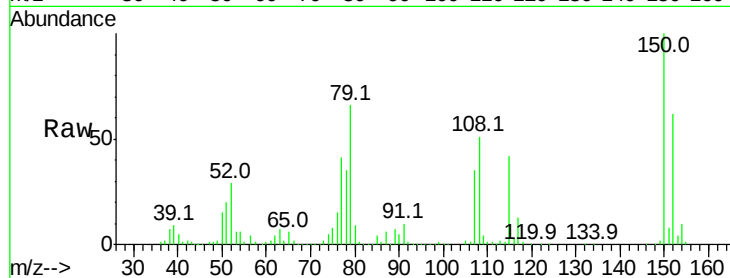
Tot Ion: 79 Resp: 316946

Ion Ratio Lower Upper

79 100

108 78.3 65.1 97.7

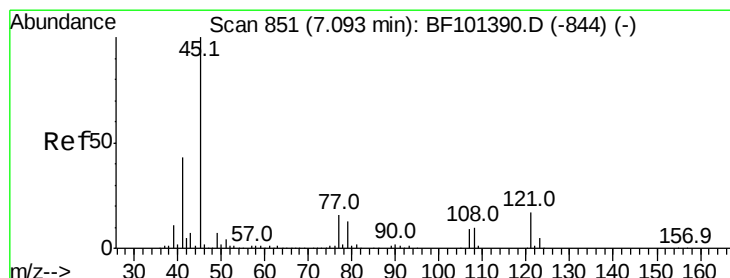
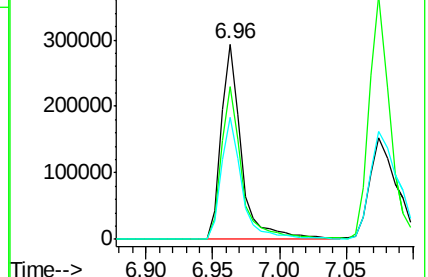
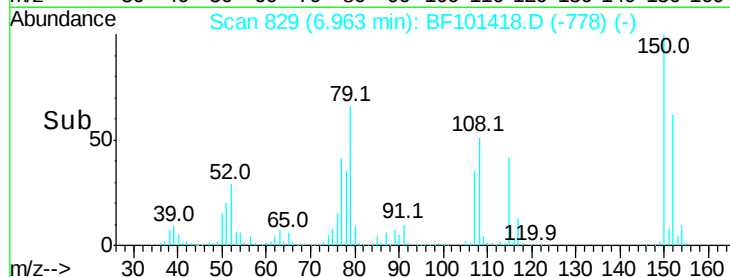
77 62.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.969 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

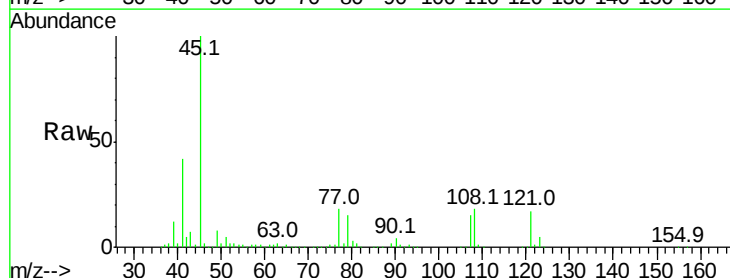
Tgt Ion: 45 Resp: 711739

Ion Ratio Lower Upper

45 100

77 17.6 0.0 32.9

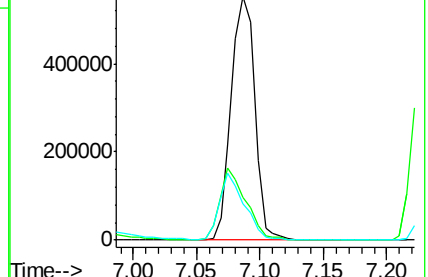
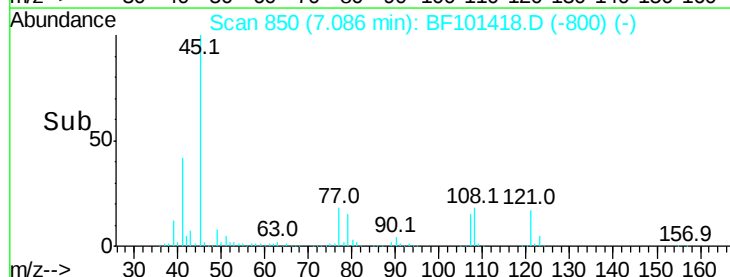
79 15.1 0.0 29.6

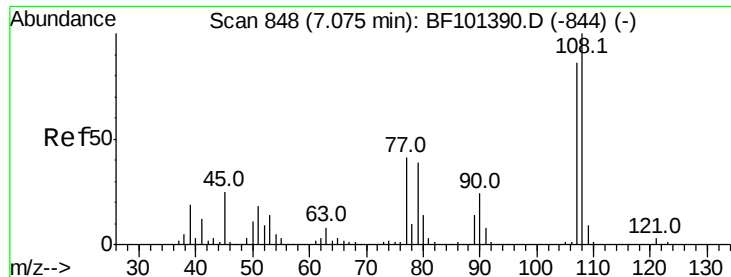


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

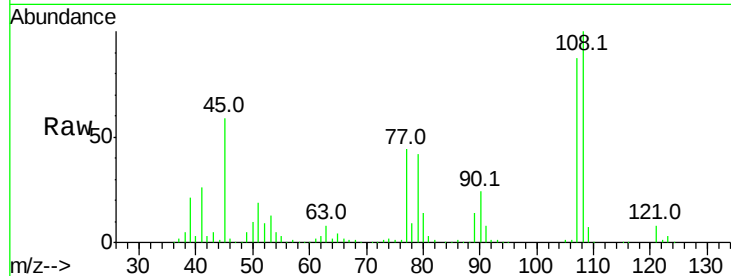




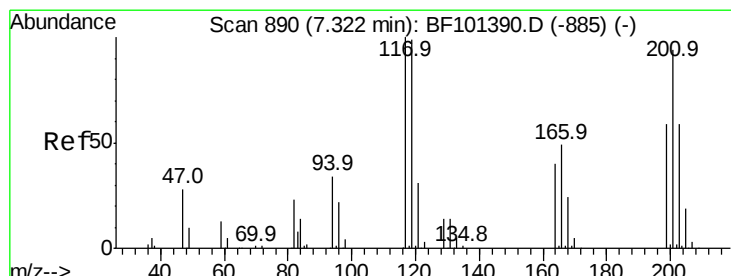
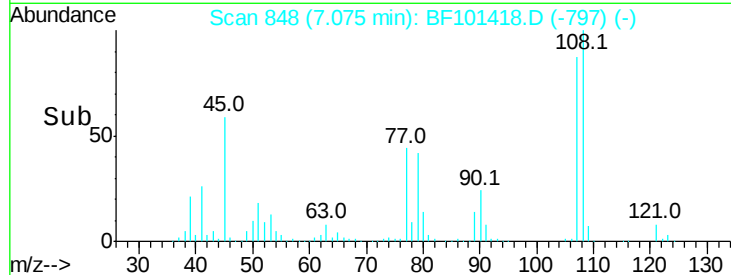
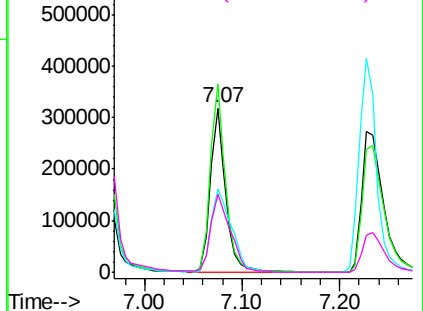
#17
2-Methylphenol
Concen: 29.744 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 344012
Ion Ratio Lower Upper
107 100
108 114.8 91.7 137.5
77 50.9 33.8 50.8#
79 47.7 33.8 50.8

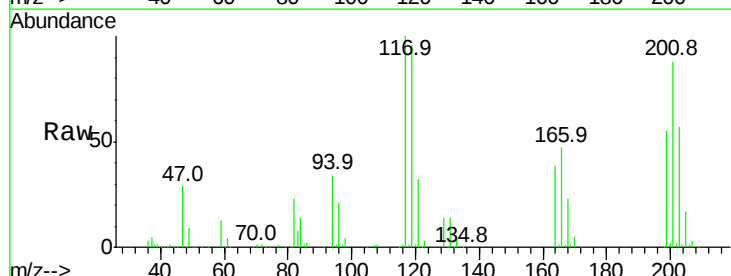


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

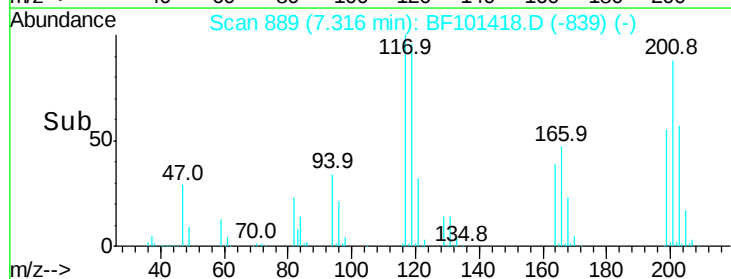
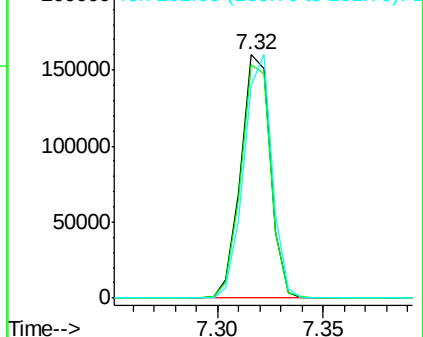


#18
Hexachloroethane
Concen: 30.839 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:117 Resp: 155373
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 87.6 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: 29.086 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 284143

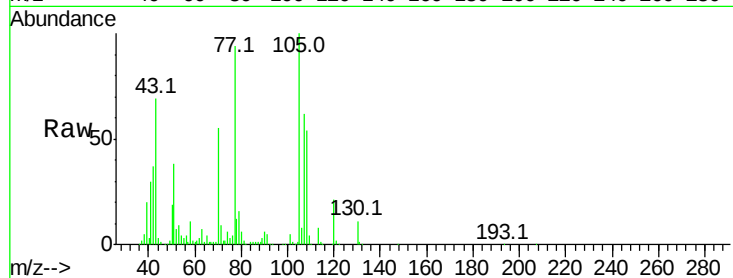
Ion Ratio Lower Upper

70 100

42 66.9 47.5 71.3

101 9.6 7.4 11.2

130 19.6 16.6 25.0

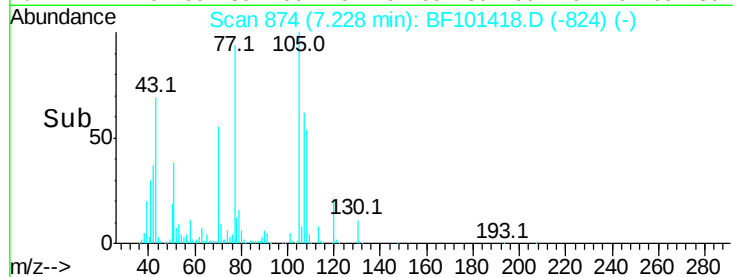
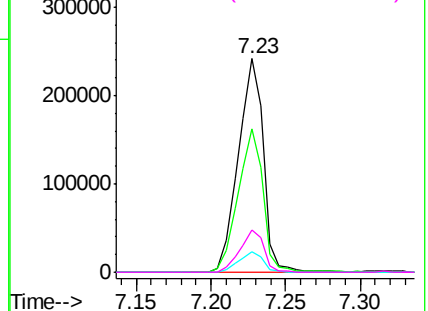


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 34.537 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Tgt Ion:107 Resp: 423281

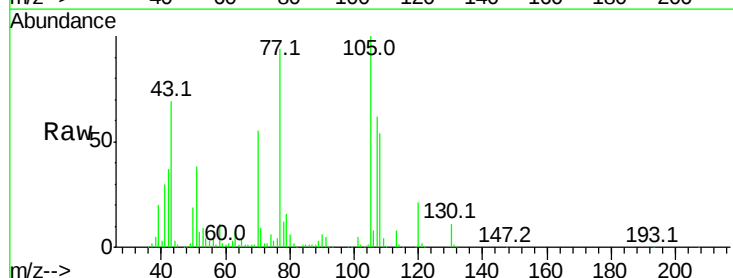
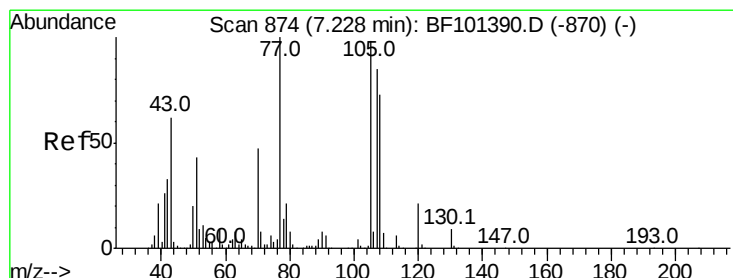
Ion Ratio Lower Upper

107 100

108 87.7 68.2 108.2

77 152.4 26.7 66.7#

79 26.2 6.3 46.3

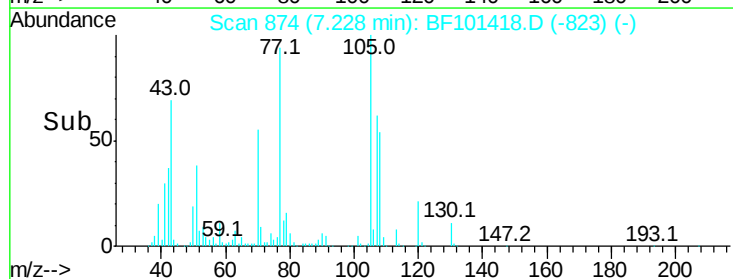
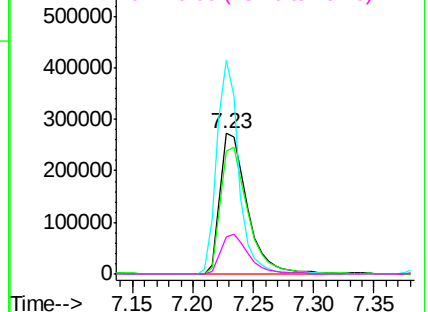


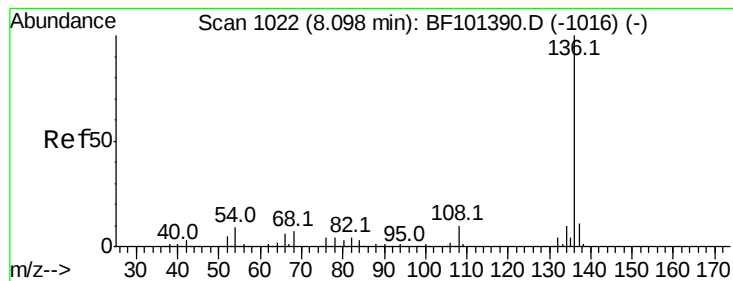
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 724642

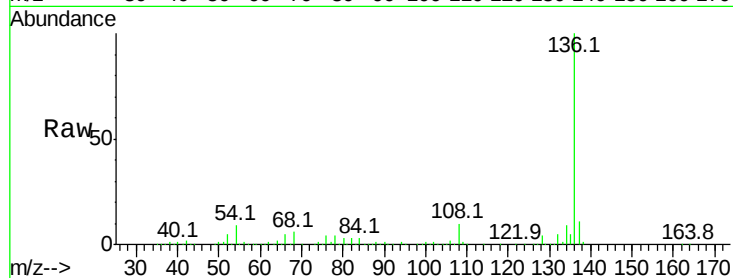
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4

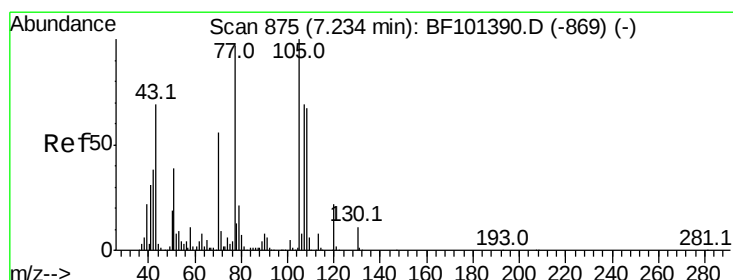
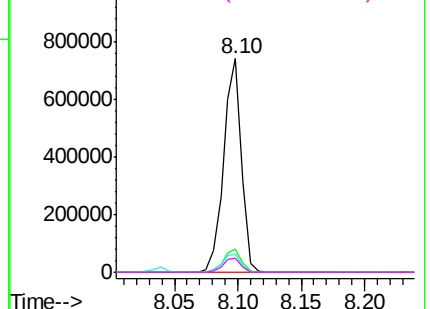
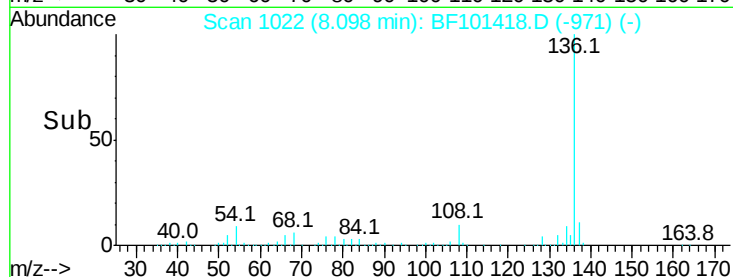


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 31.217 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Tgt Ion:105 Resp: 516169

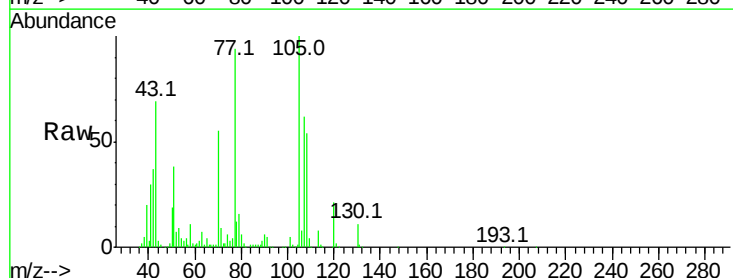
Ion Ratio Lower Upper

105 100

71 9.4 4.4 6.6#

51 38.2 22.3 33.5#

120 21.0 16.9 25.3

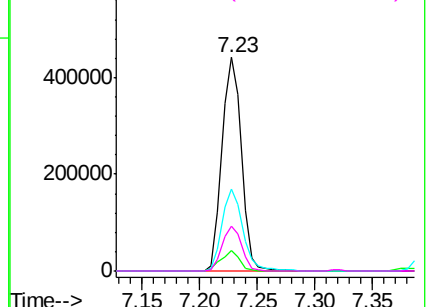
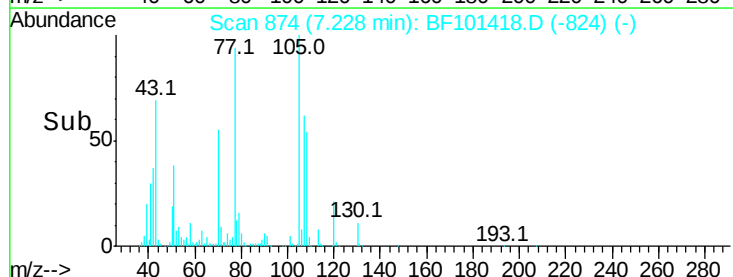


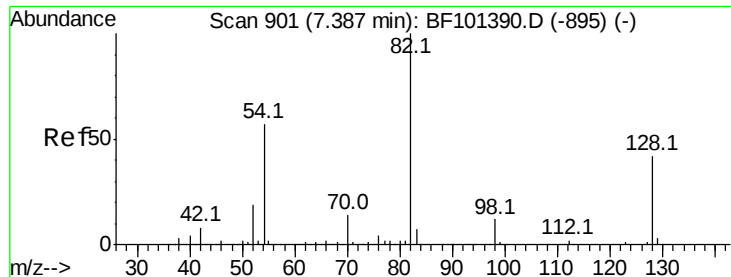
Abundance Ion 105.00 (104.70 to 105.70): E

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

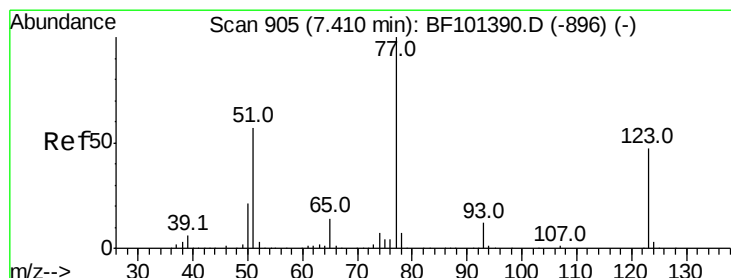
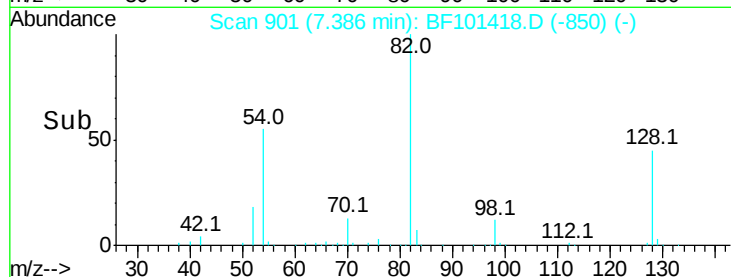
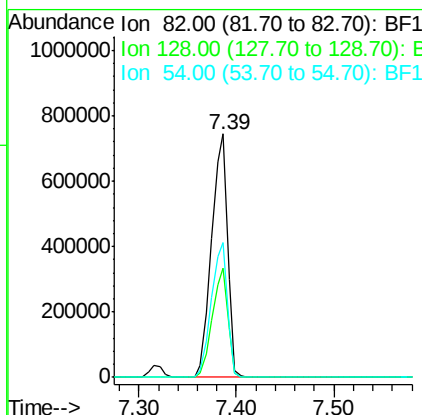
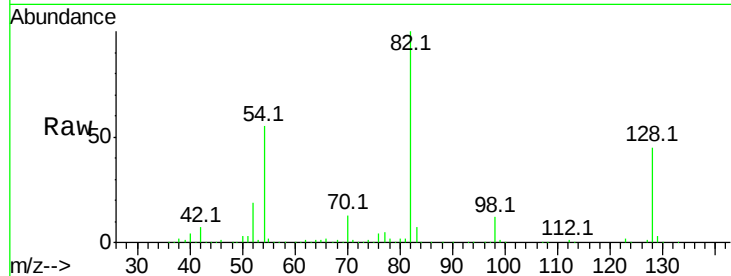




#23
 Nitrobenzene-d5
 Concen: 65.142 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

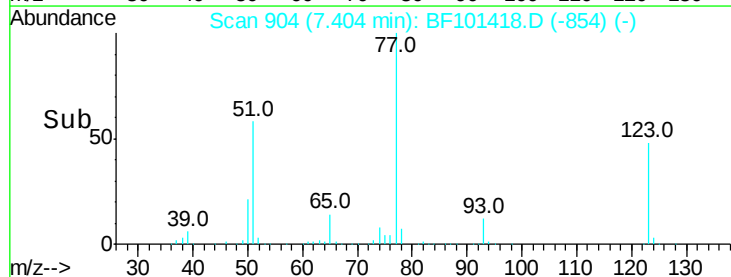
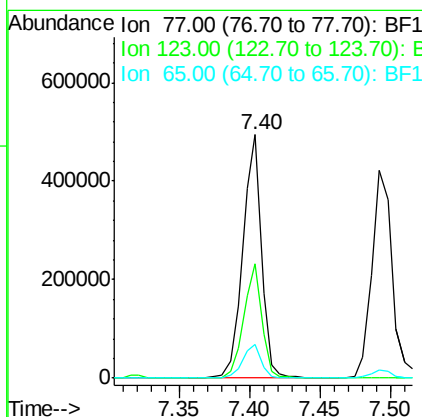
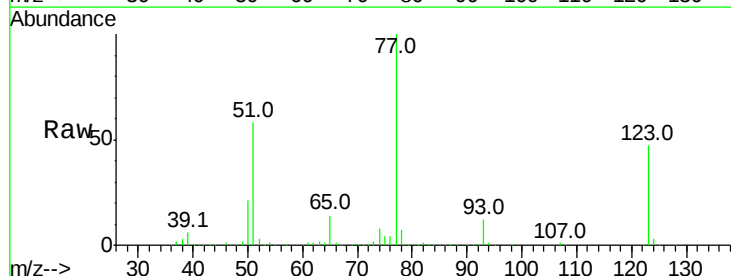
Instrument :
 BNA_F
 ClientSampled :

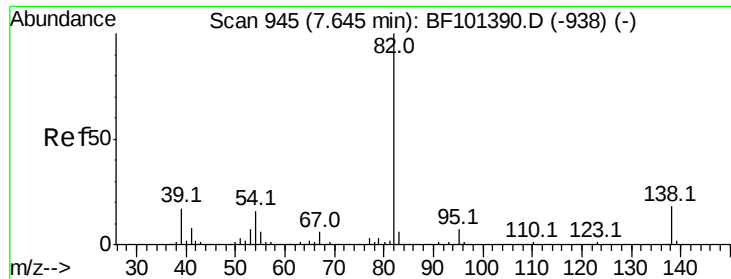
Tot Ion	82	Resp	848003
Ion Ratio	100	Lower	Upper
128	44.8	36.1	54.1
54	55.2	41.4	62.2



#24
 Nitrobenzene
 Concen: 31.382 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion	77	Resp	452136
Ion Ratio	100	Lower	Upper
123	47.0	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 32.463 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

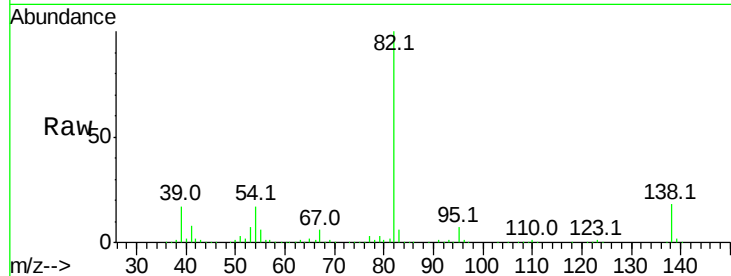
Tot Ion: 82 Resp: 847756

Ion Ratio Lower Upper

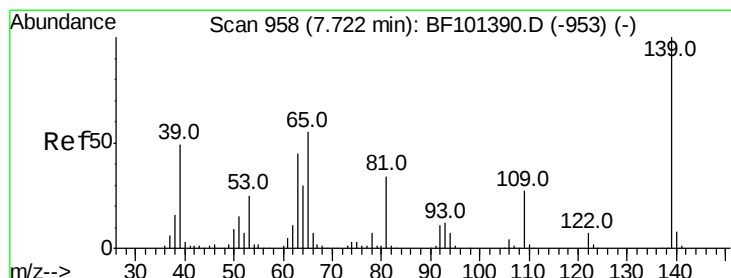
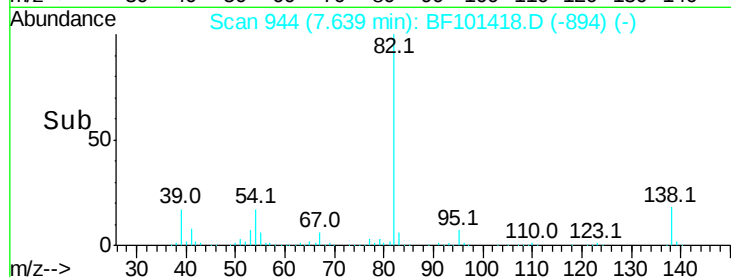
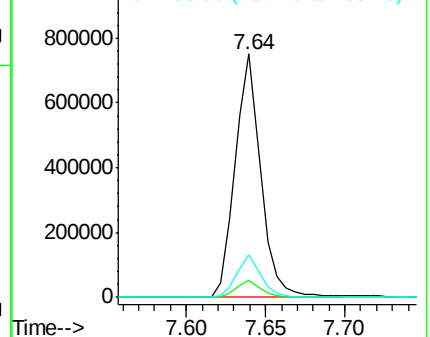
82 100

95 6.8 5.2 7.8

138 17.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 35.433 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

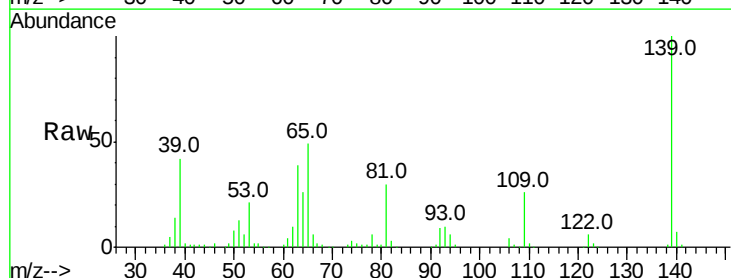
Tgt Ion: 139 Resp: 219316

Ion Ratio Lower Upper

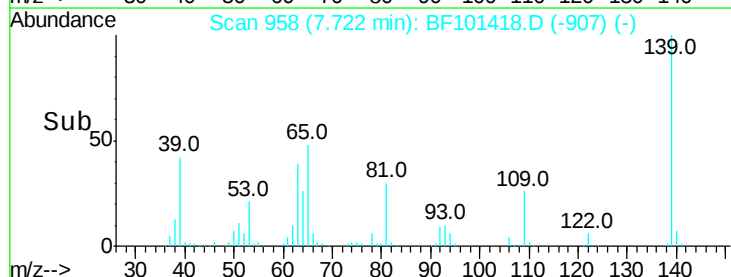
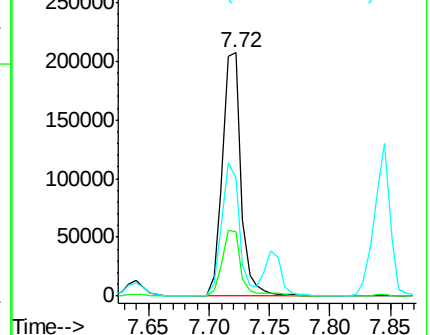
139 100

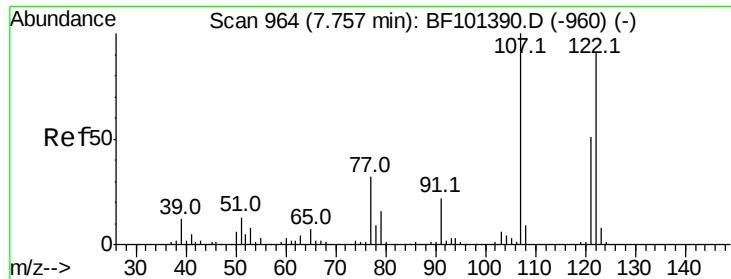
109 26.4 22.7 34.1

65 48.7 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

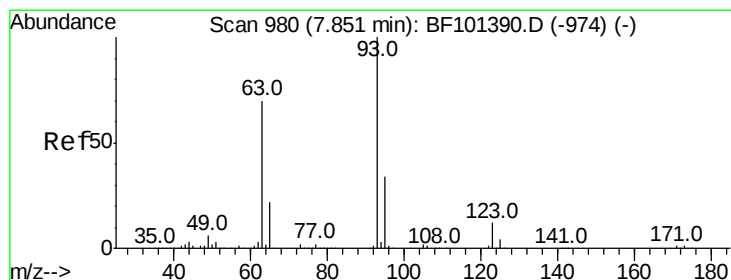
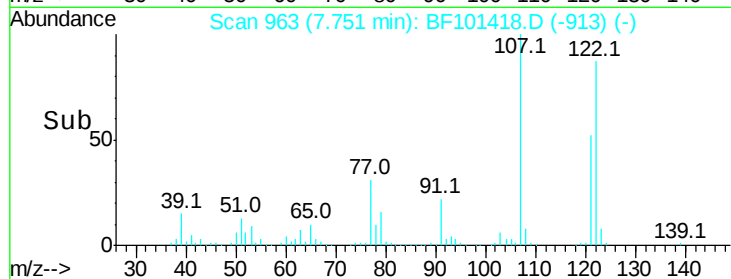
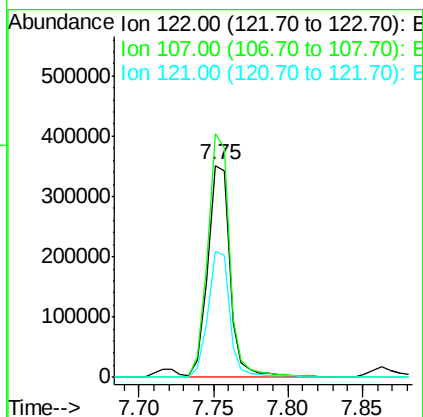
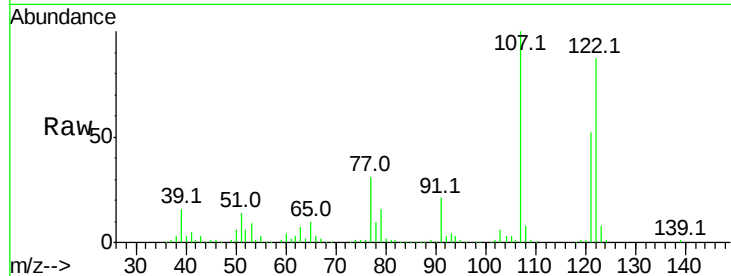




#27
2,4-Dimethylphenol
Concen: 34.775 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

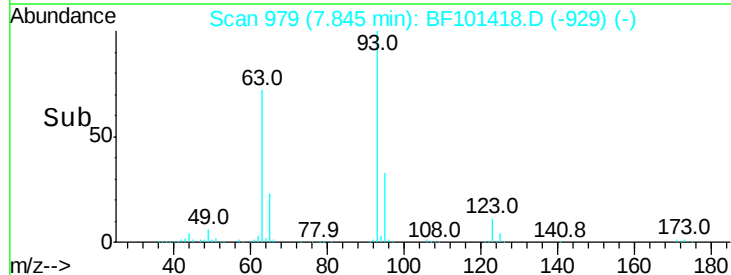
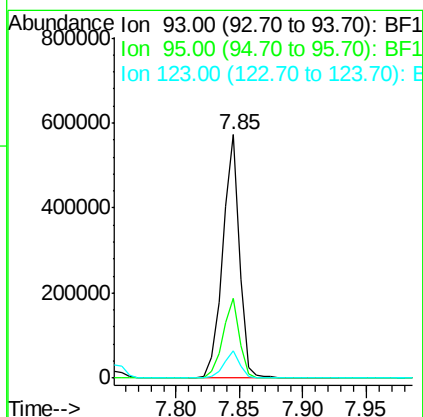
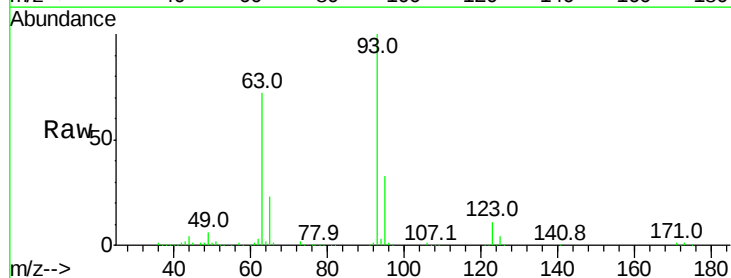
Instrument :
BNA_F
ClientSampleId :

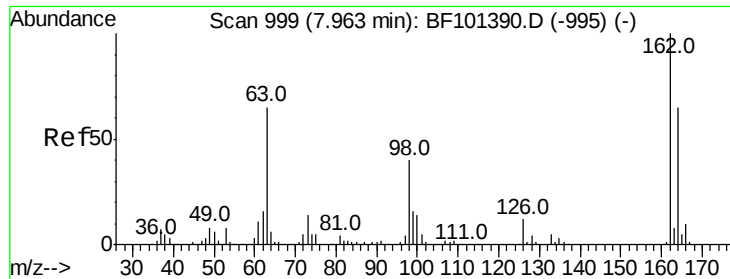
Tot Ion:122 Resp: 365668
Ion Ratio Lower Upper
122 100
107 114.9 91.2 136.8
121 59.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 31.672 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion: 93 Resp: 525397
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 11.0 9.8 14.6

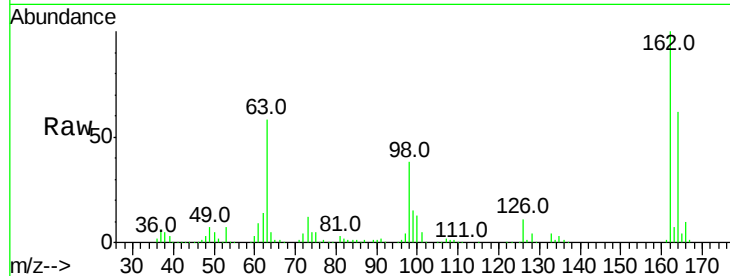




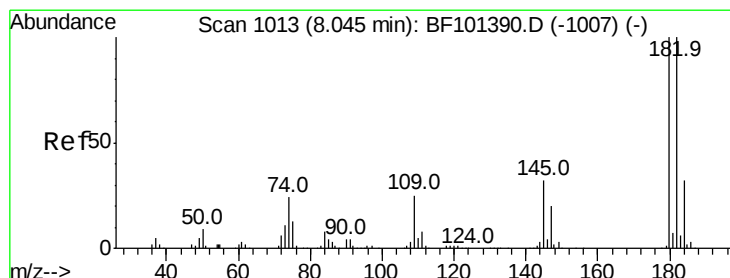
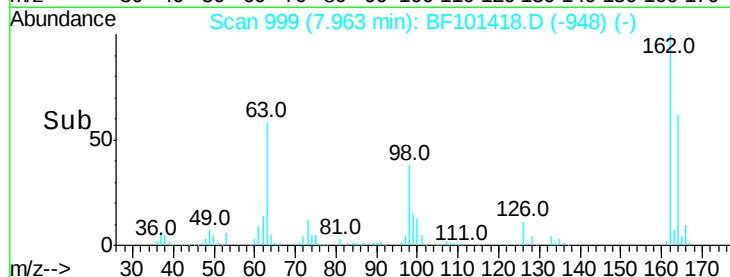
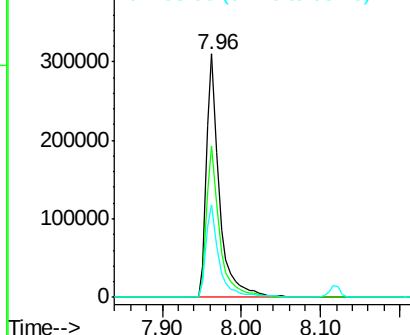
#29
2,4-Dichlorophenol
Concen: 34.034 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	42.7	82.7
98	37.8	18.1	58.1

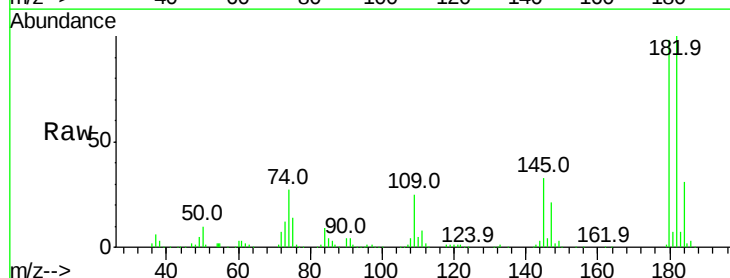


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

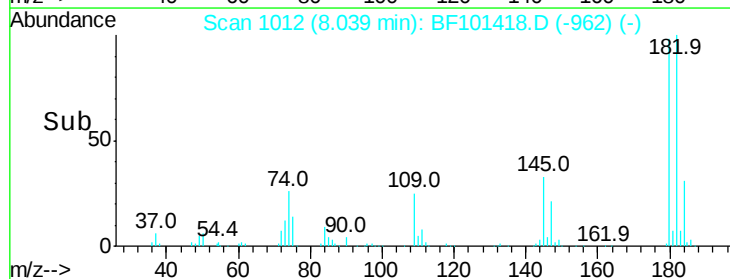
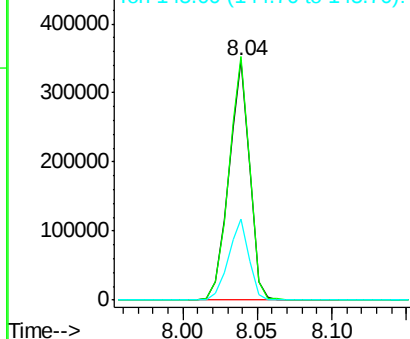


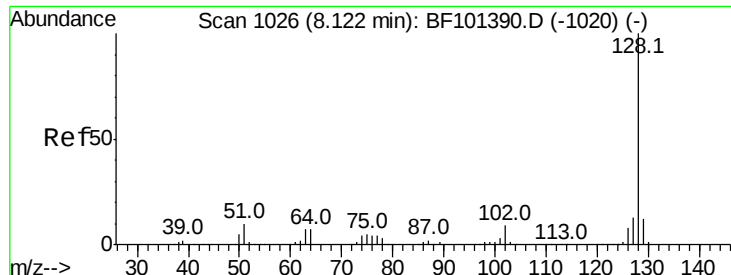
#30
1,2,4-Trichlorobenzene
Concen: 31.166 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	76.8	115.2
145	33.7	26.5	39.7



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

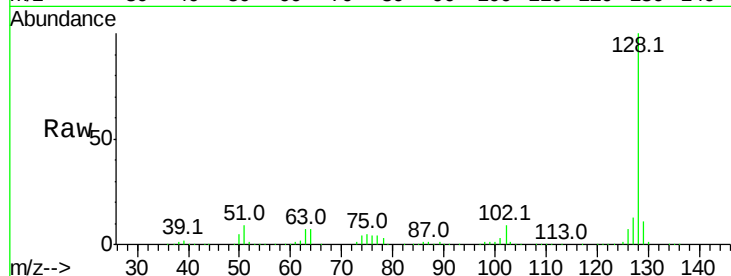




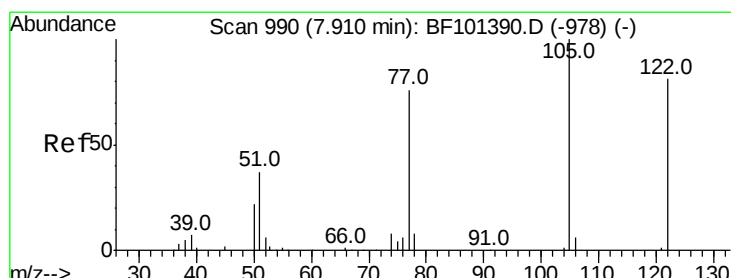
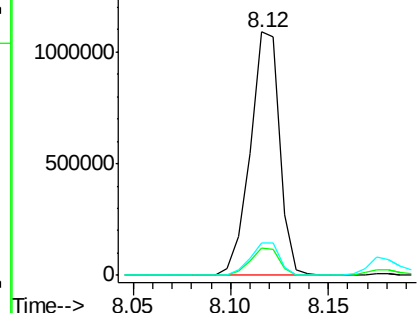
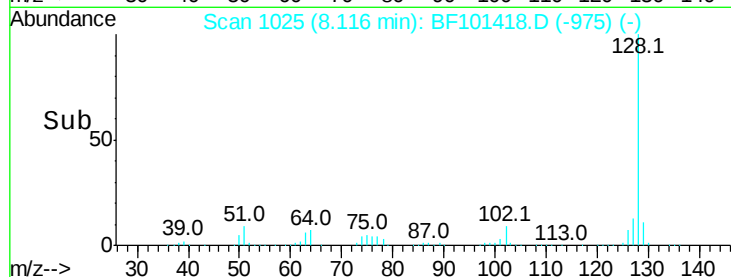
#31
Naphthalene
Concen: 31.246 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1139904
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.2 10.9 16.3

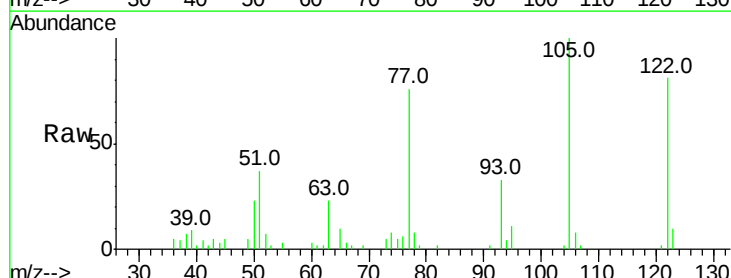


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

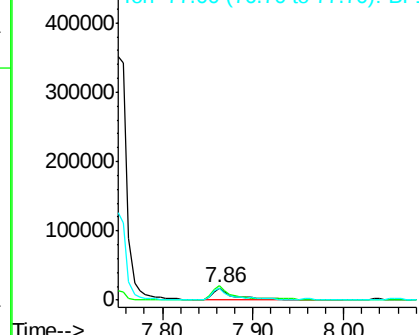
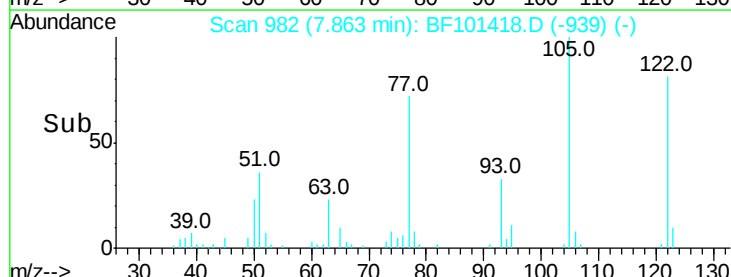


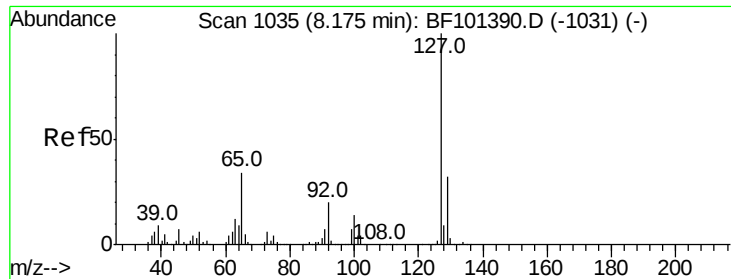
#32
Benzoic acid
Concen: 11.442 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:122 Resp: 29573
Ion Ratio Lower Upper
122 100
105 123.9 101.1 141.1
77 94.4 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

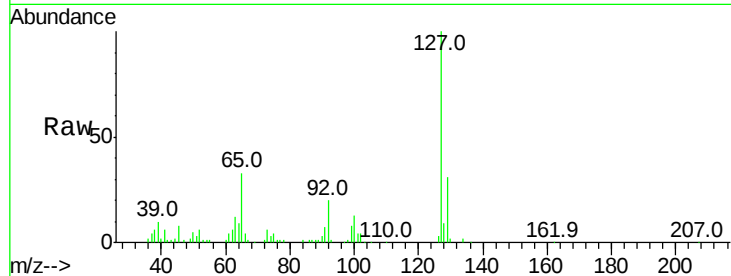




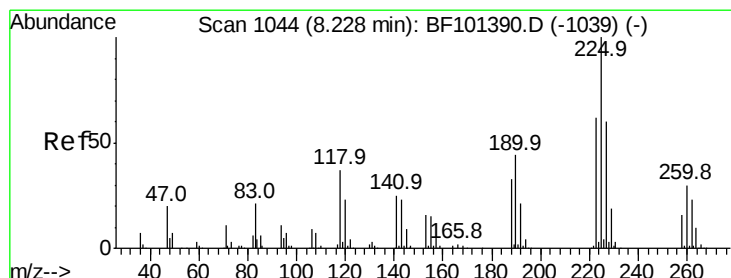
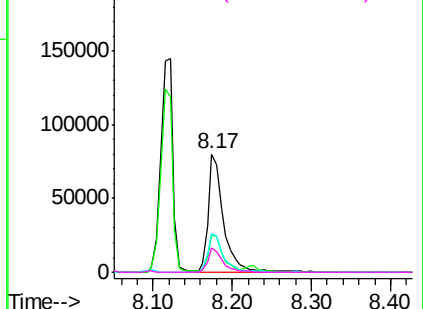
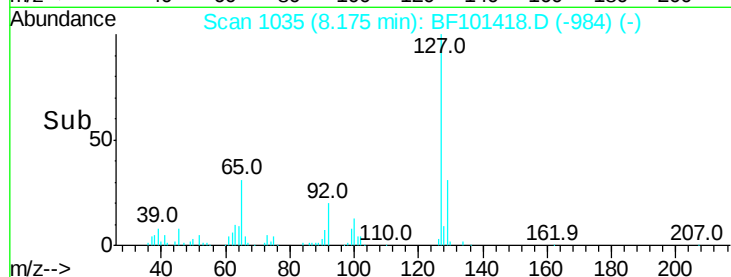
#33
4-Chloroaniline
Concen: 6.828 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	108266
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	32.6	25.0	37.4
92	20.1	15.2	22.8

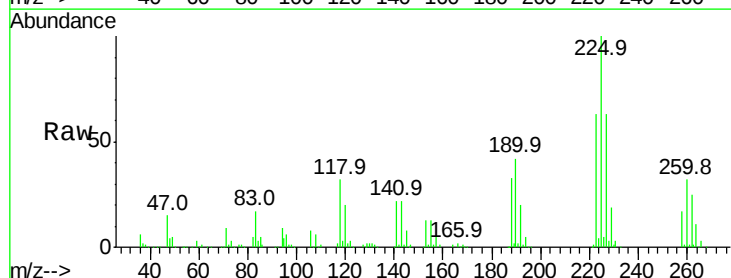


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

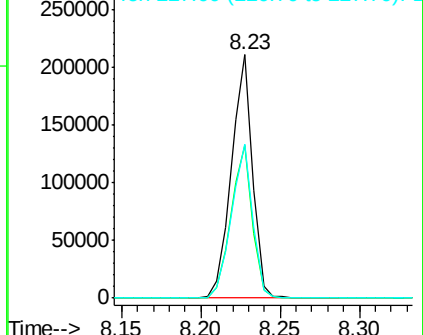
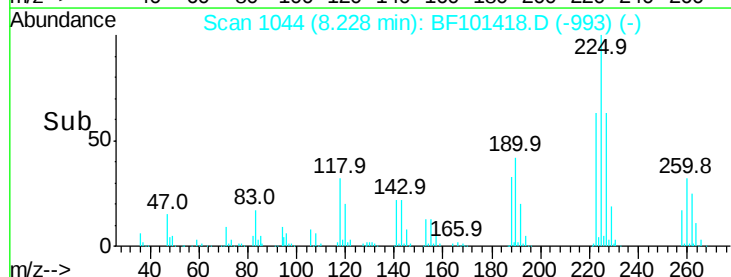


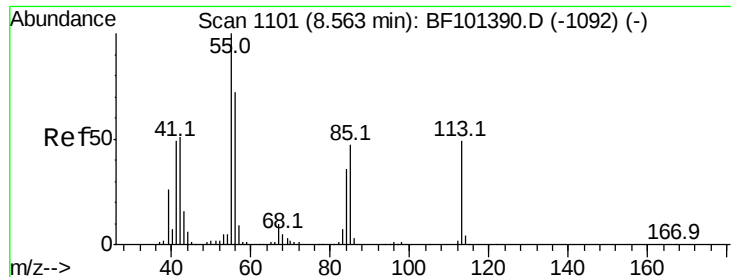
#34
Hexachlorobutadiene
Concen: 30.793 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:	225	Resp:	195252
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.3	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: 17.988 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampled :

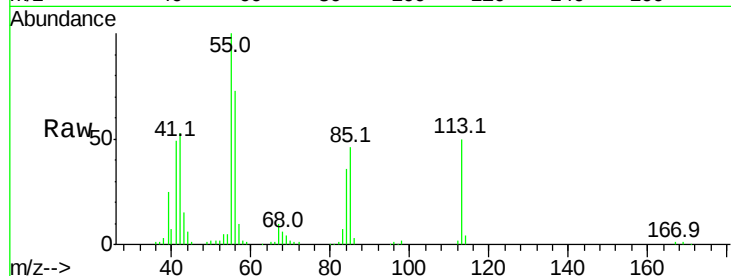
Tot Ion:113 Resp: 64888

Ion Ratio Lower Upper

113 100

55 198.7 163.3 203.3

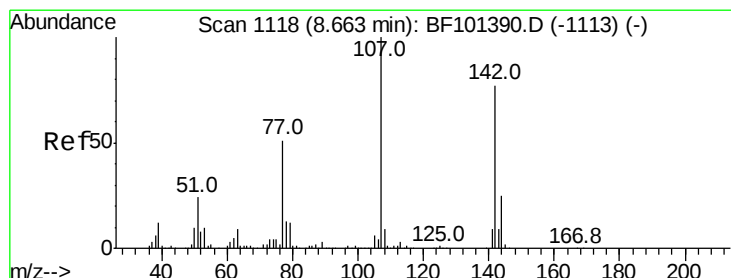
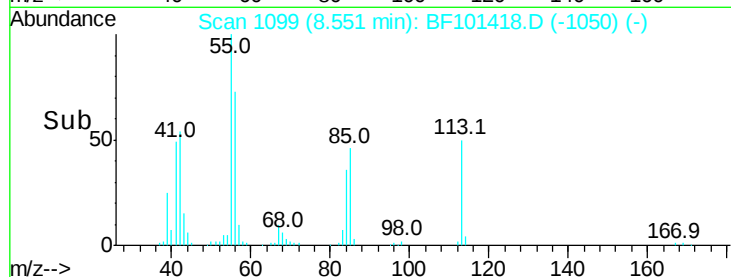
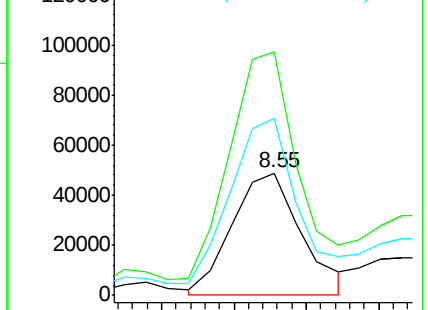
56 144.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 32.579 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

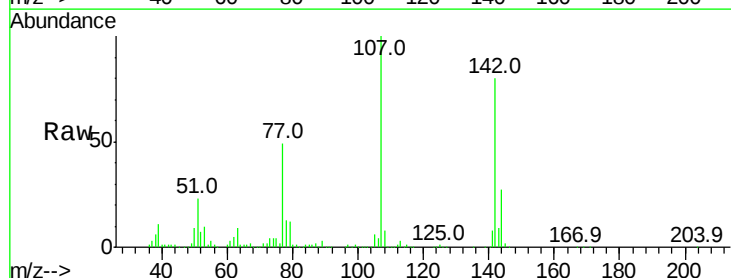
Tgt Ion:107 Resp: 372000

Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

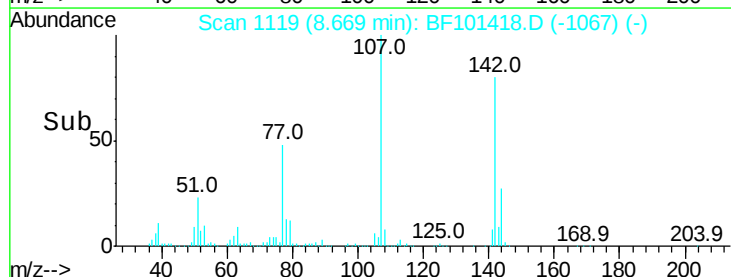
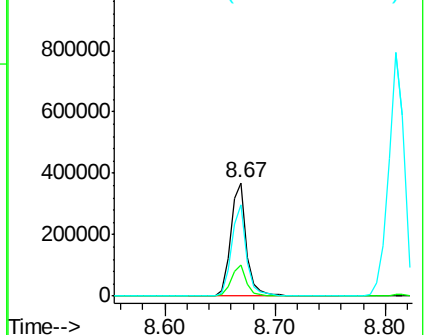
142 80.0 62.0 93.0

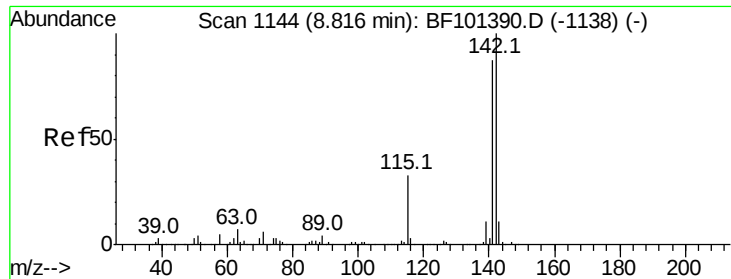


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

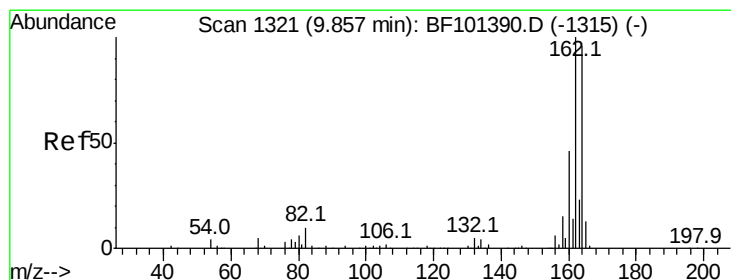
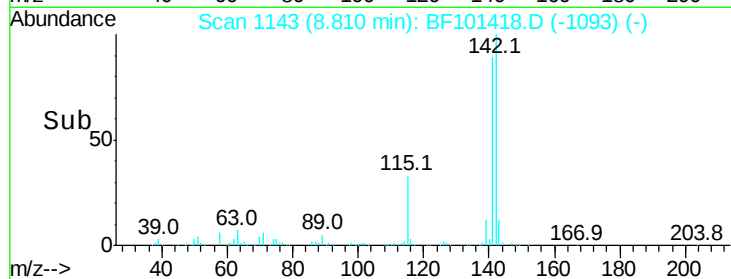
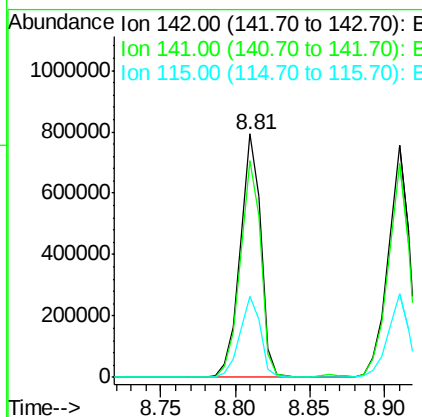
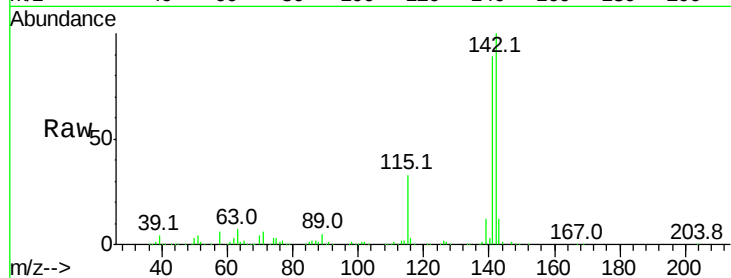




#37
 2-Methylnaphthalene
 Concen: 32.034 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

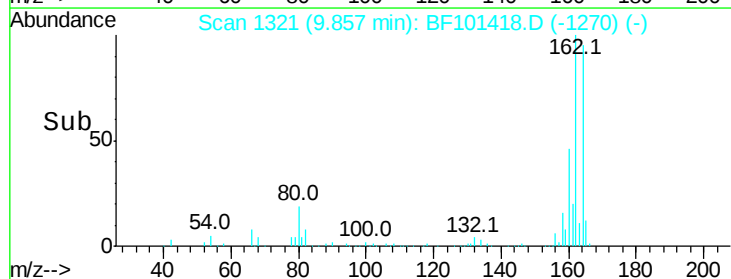
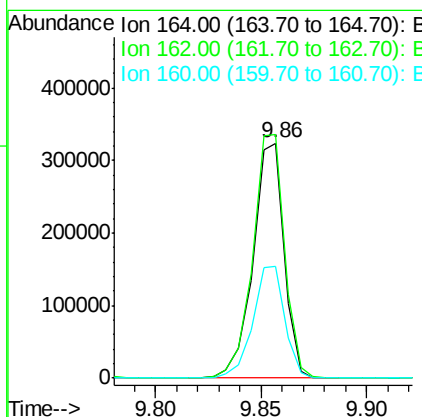
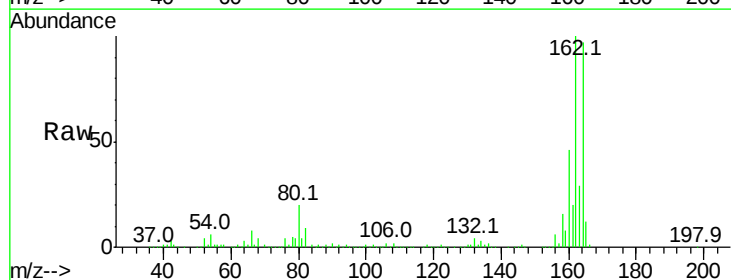
Instrument :
 BNA_F
 ClientSampleId :

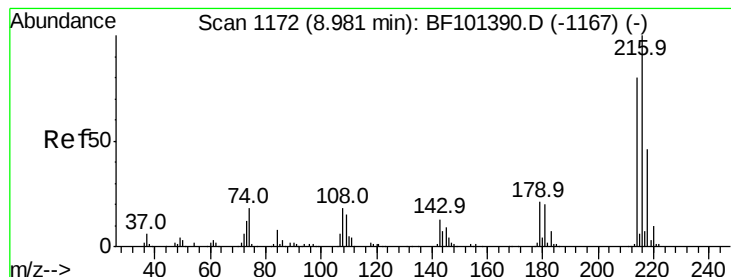
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.601 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 331644

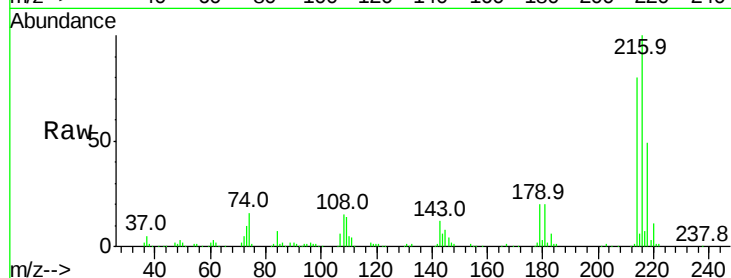
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 20.6 18.1 27.1

108 18.8 17.2 25.8

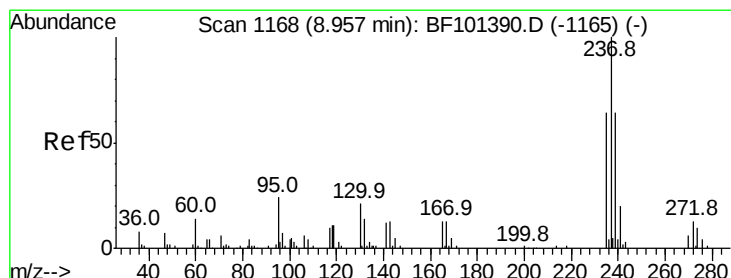
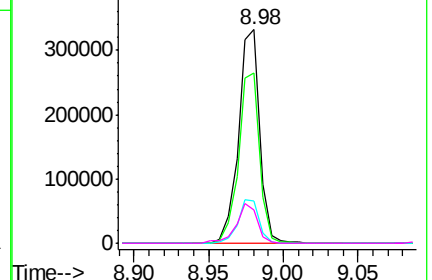
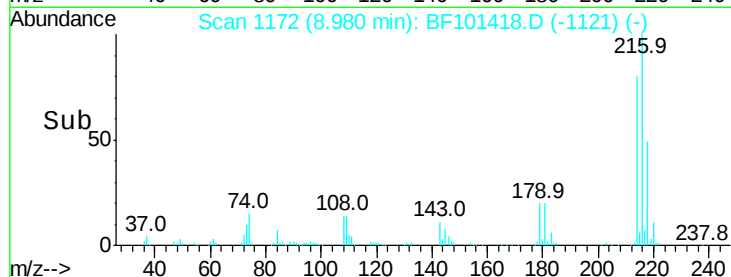


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.455 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

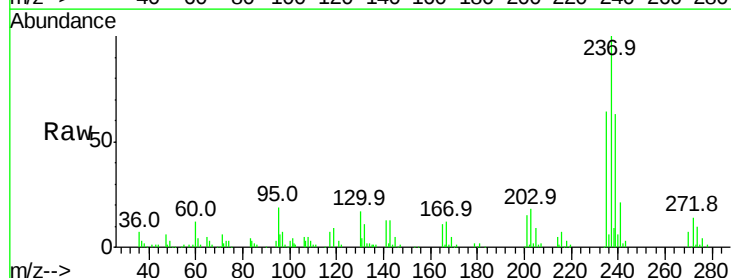
Tgt Ion:237 Resp: 73173

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

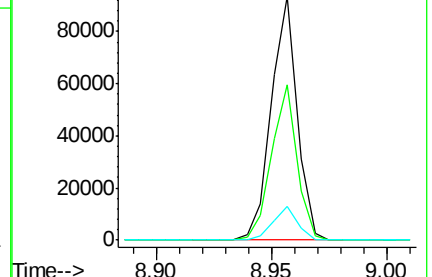
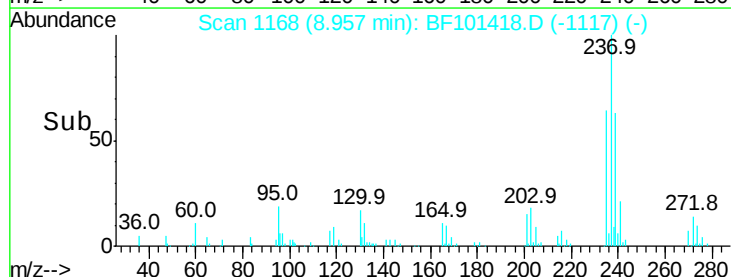
272 13.7 0.0 33.3

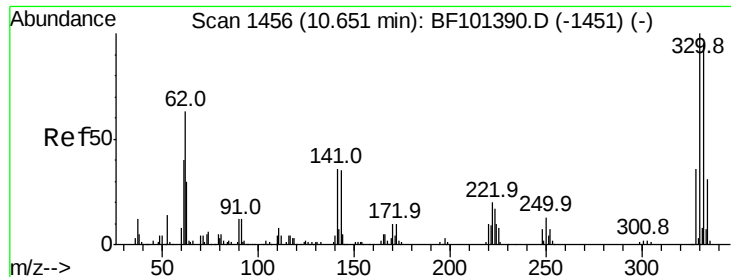


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

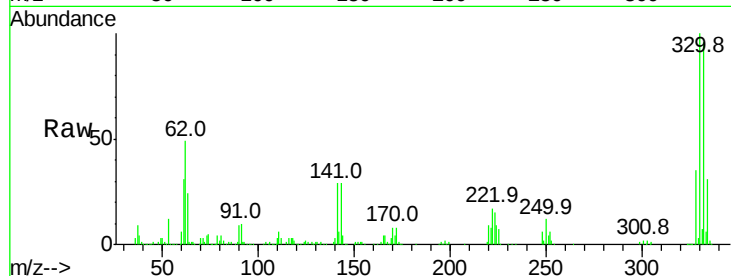




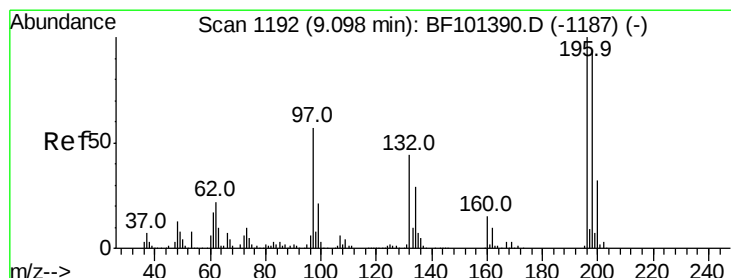
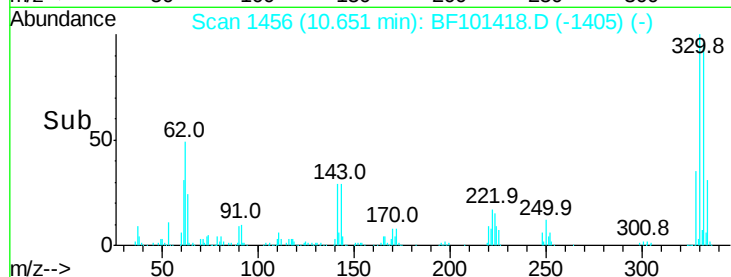
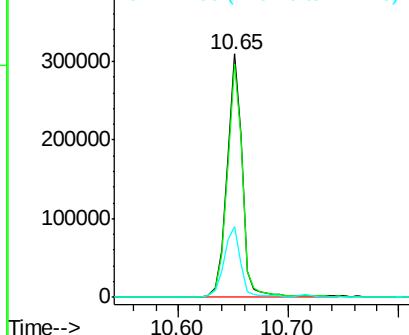
#41
 2,4,6-Tribromophenol
 Concen: 94.319 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.7	29.9	44.9

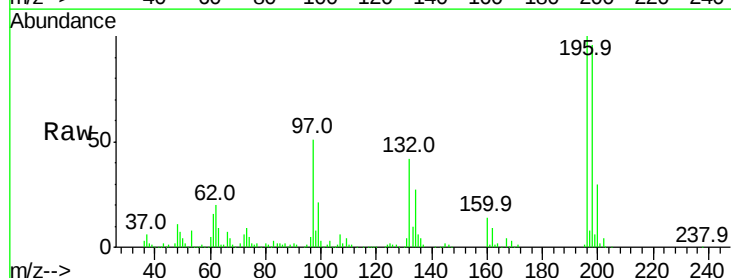


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

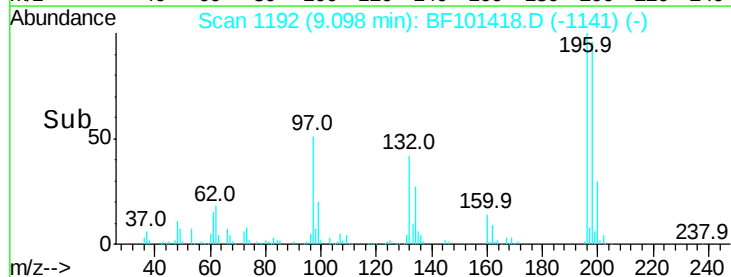
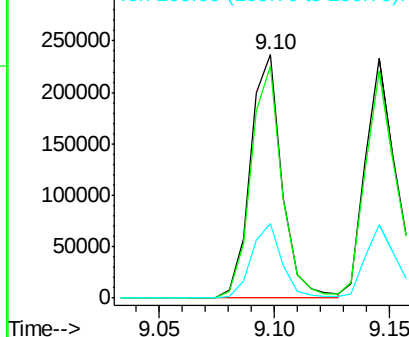


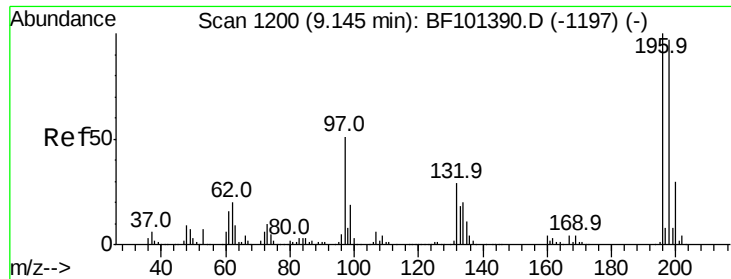
#42
 2,4,6-Trichlorophenol
 Concen: 33.463 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.5	24.5	36.7



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

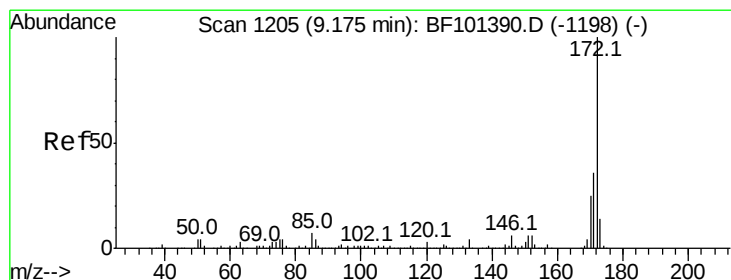
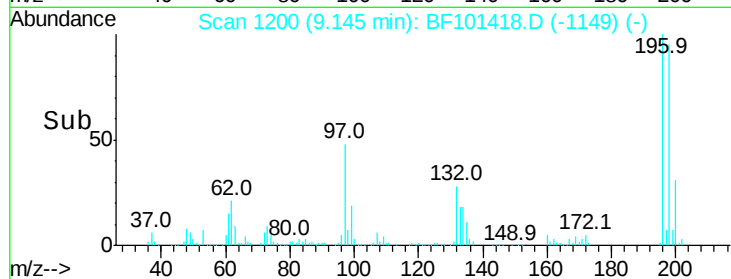
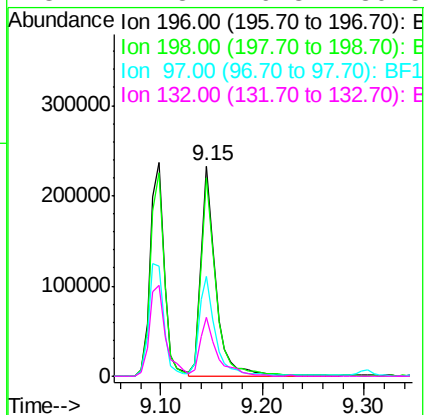
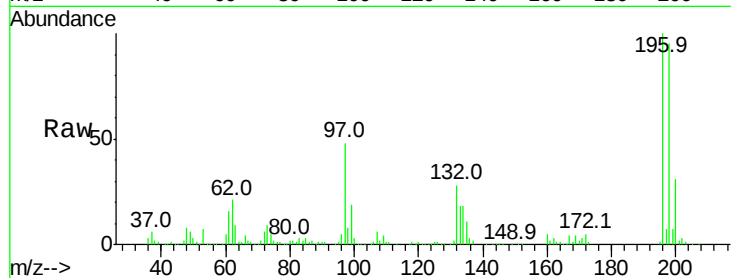




#43
 2,4,5-Trichlorophenol
 Concen: 32.128 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

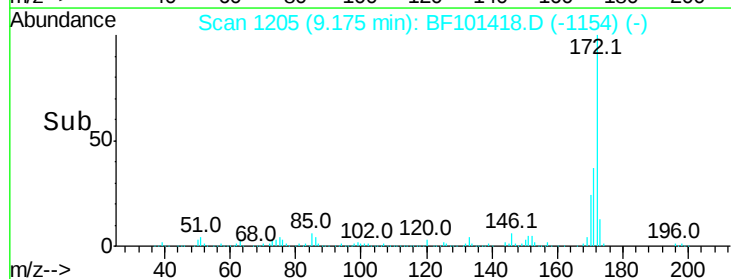
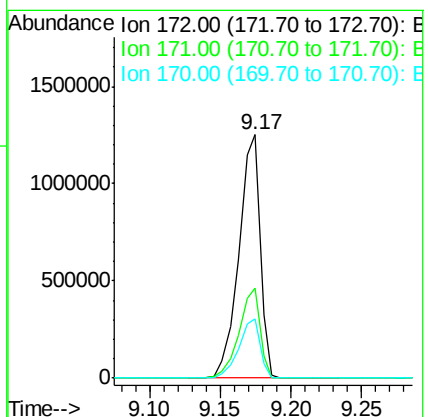
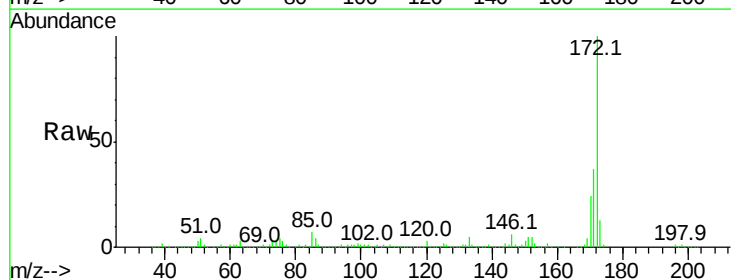
Instrument :
 BNA_F
 ClientSampleId :

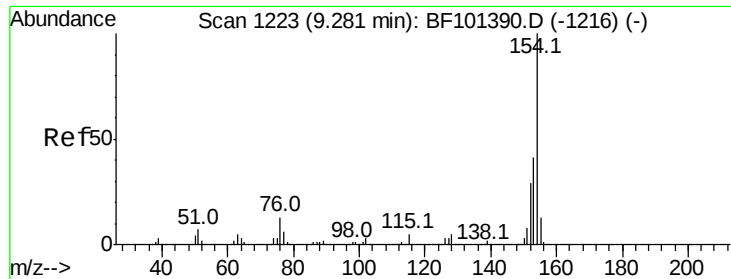
Tot Ion:	196	Resp:	237276
Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	47.8	42.9	64.3
132	27.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 61.291 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion:	172	Resp:	1311121
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 29.539 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

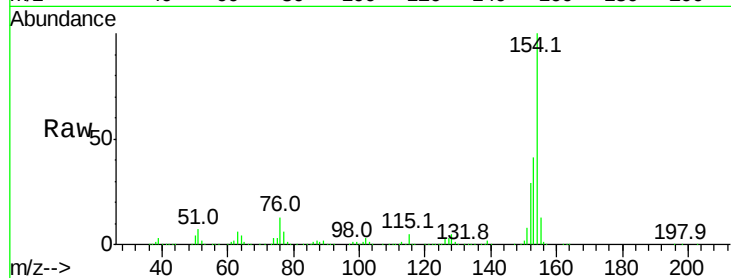
Tot Ion:154 Resp: 869306

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

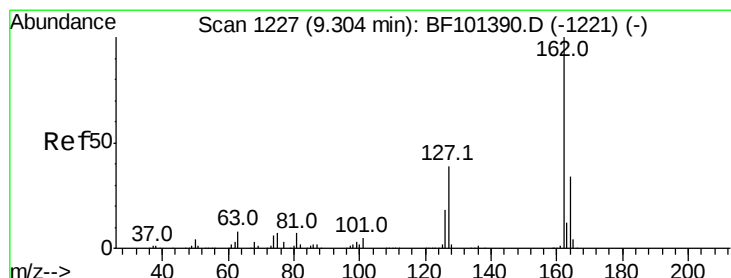
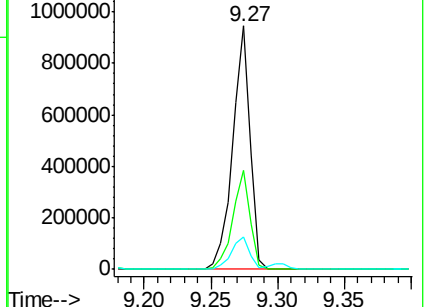
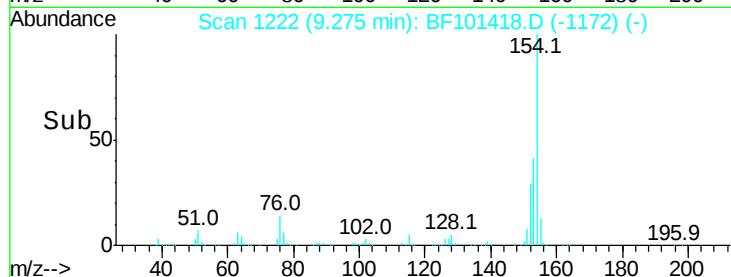
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 31.196 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

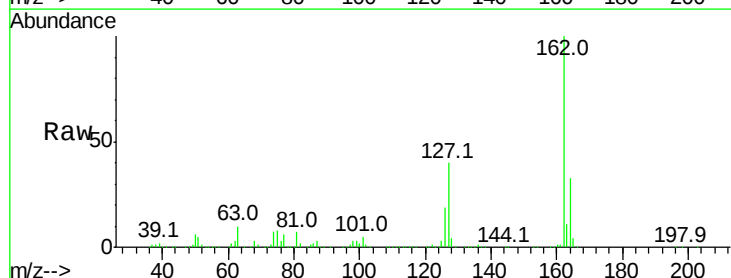
Tgt Ion:162 Resp: 702457

Ion Ratio Lower Upper

162 100

127 39.6 33.9 50.9

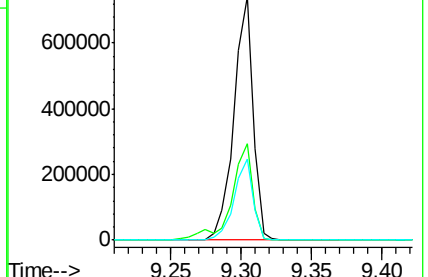
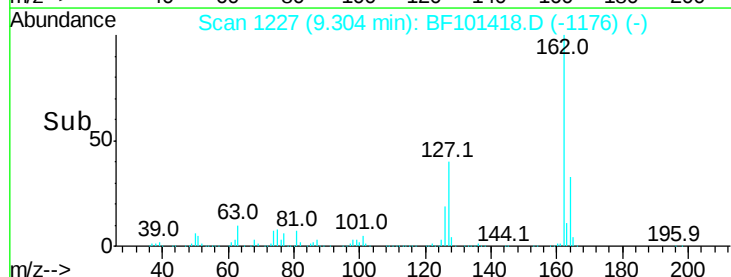
164 33.1 26.5 39.7

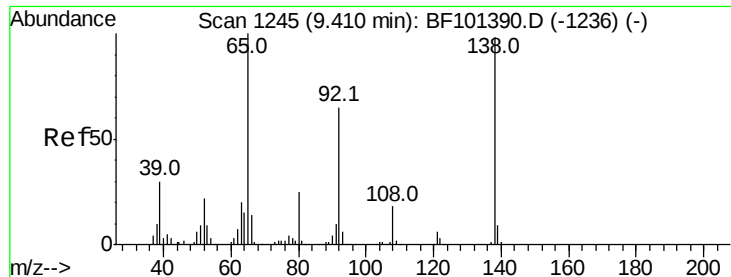


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

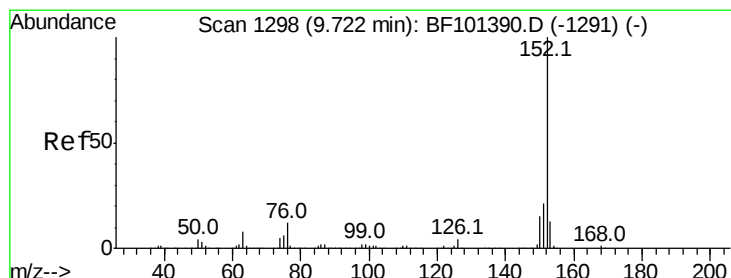
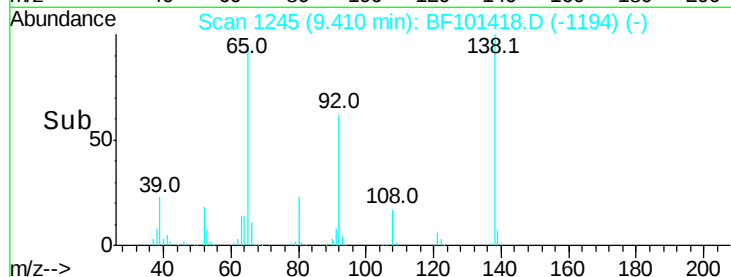
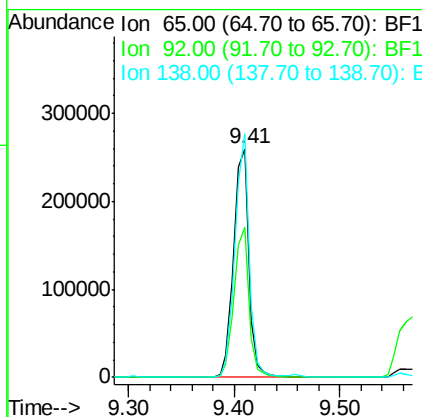
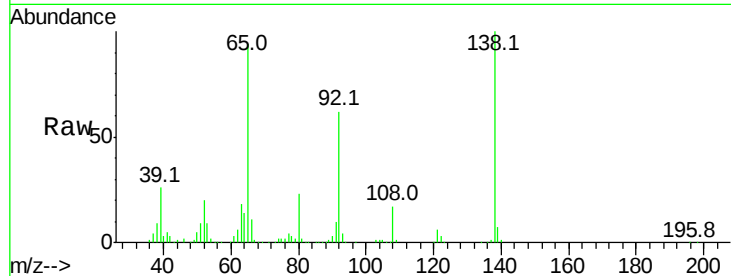




#47
2-Nitroaniline
Concen: 33.086 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

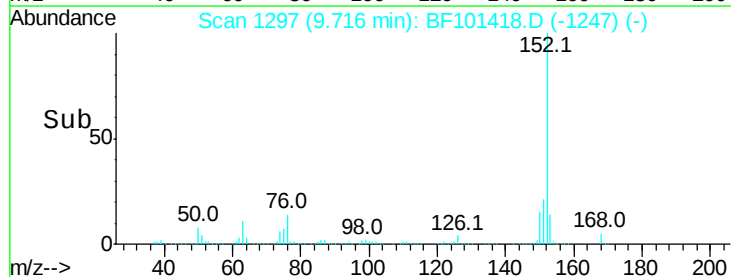
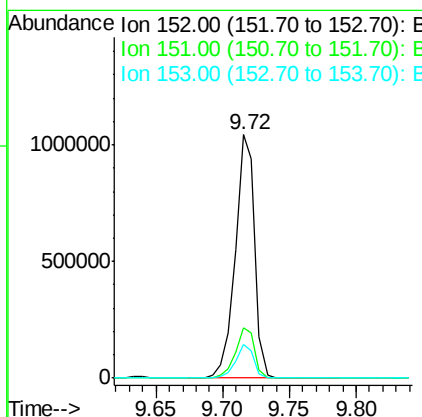
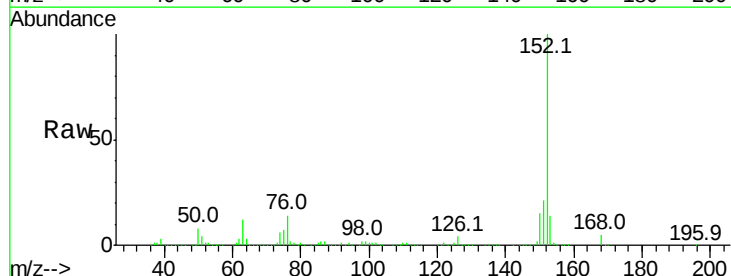
Instrument :
BNA_F
ClientSampleId :

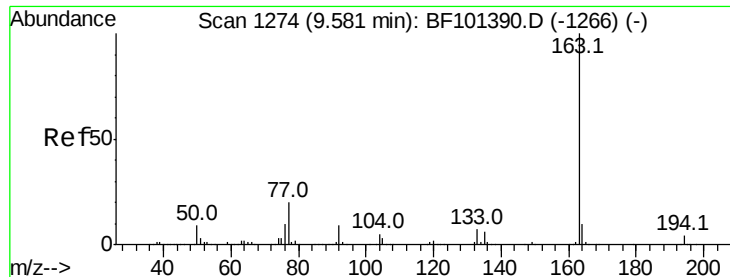
Tot Ion: 65 Resp: 257366
Ion Ratio Lower Upper
65 100
92 65.7 55.8 83.6
138 106.4 91.2 136.8



#48
Acenaphthylene
Concen: 29.785 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion: 152 Resp: 1059324
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.8 10.7 16.1

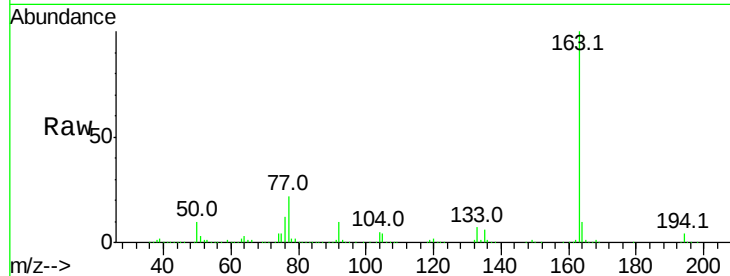




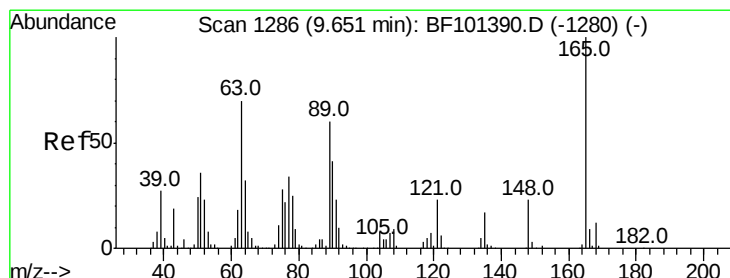
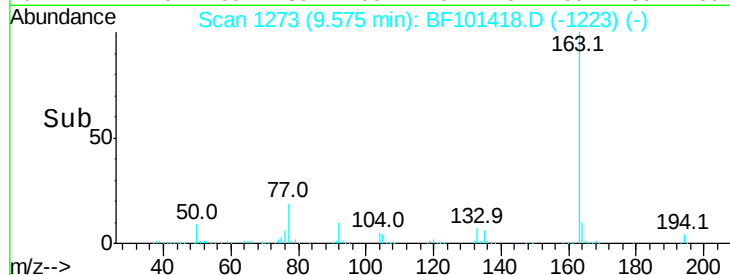
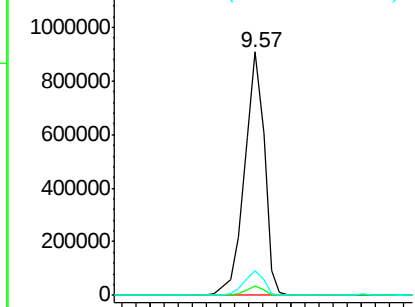
#49
Dimethylphthalate
Concen: 33.469 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2

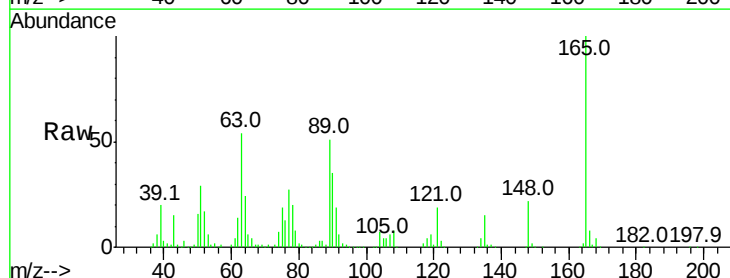


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

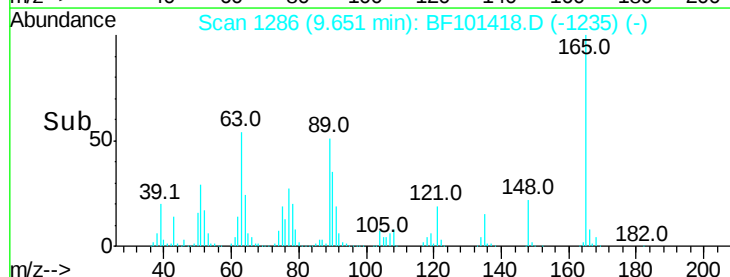
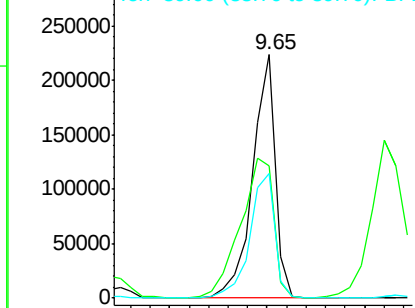


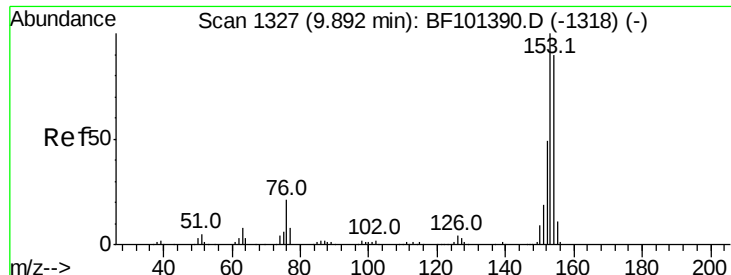
#50
2,6-Dinitrotoluene
Concen: 33.331 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.3	44.7	67.1
89	51.0	44.0	66.0



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





#51

Acenaphthene

Concen: 29.941 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

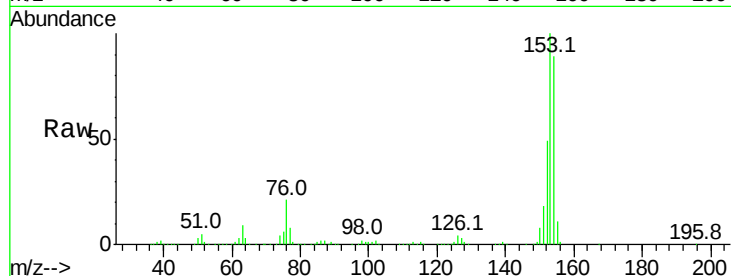
Instrument :

BNA_F

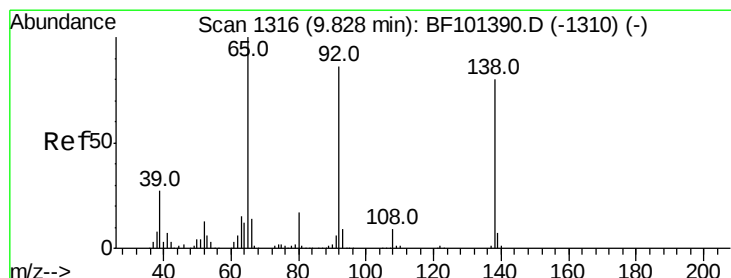
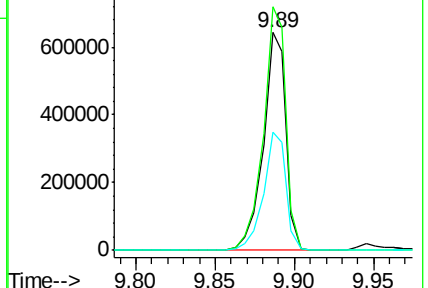
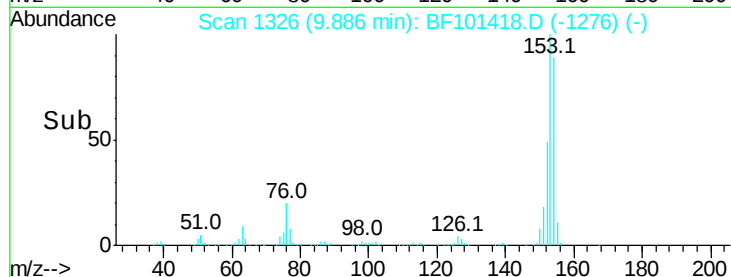
ClientSampleId :

Tot Ion:154 Resp: 639779

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.2	136.8
152	54.4	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.484 ng

RT: 9.82 min Scan# 1315

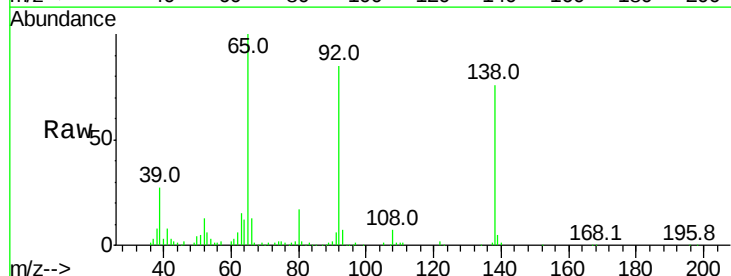
Delta R.T. -0.01 min

Lab File: BF101418.D

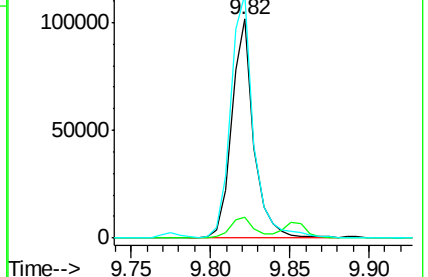
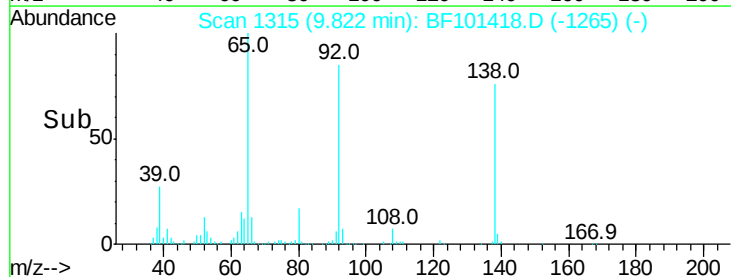
Acq: 15 Dec 2017 2:30

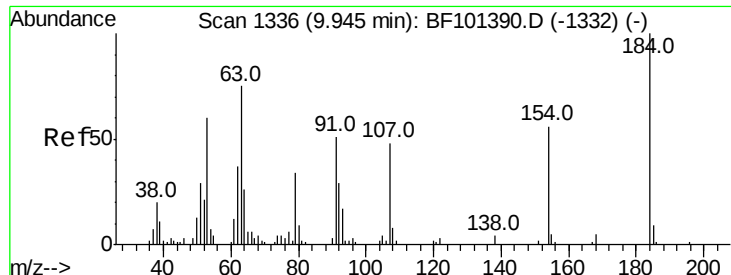
Tgt Ion:138 Resp: 97960

Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	111.3	89.4	134.2



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

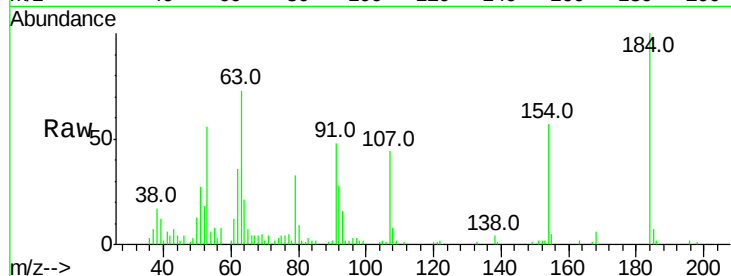




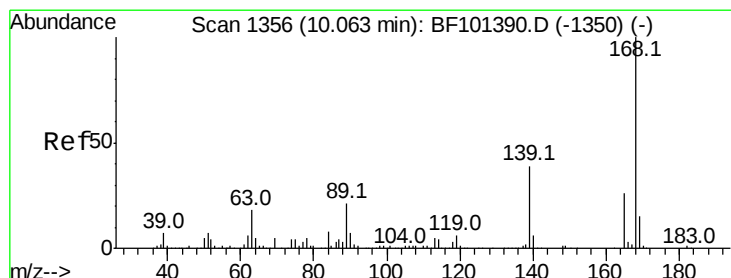
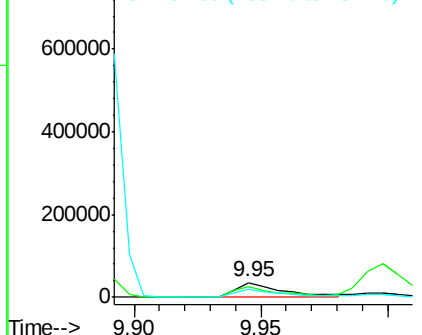
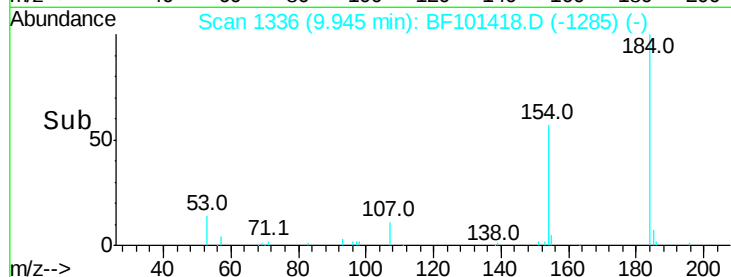
#53
2,4-Dinitrophenol
Concen: 31.311 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 45534
Ion Ratio Lower Upper
184 100
63 72.9 54.2 81.2
154 56.9 184.0 276.0#

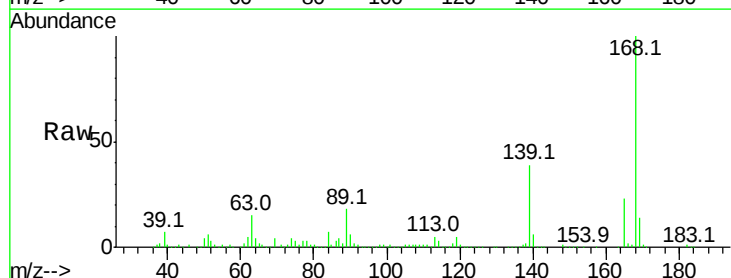


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

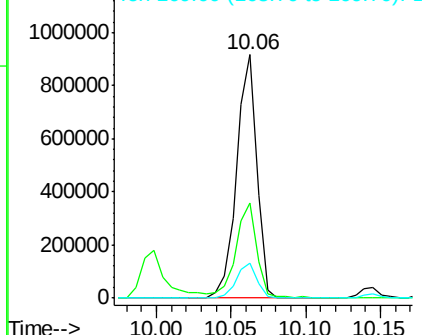
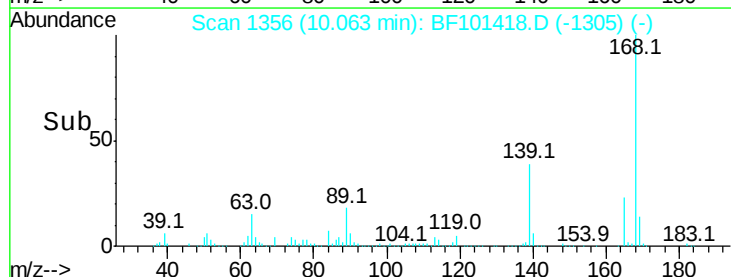


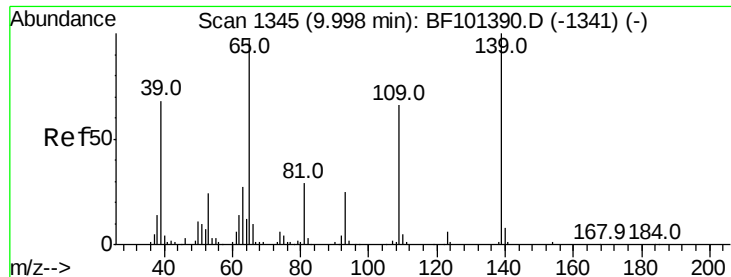
#54
Dibenzofuran
Concen: 32.237 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:168 Resp: 875406
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 14.3 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: 68.578 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampled :

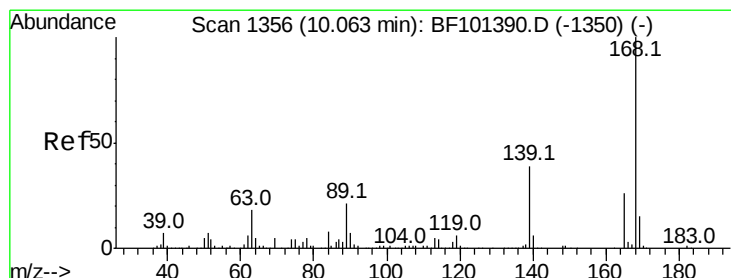
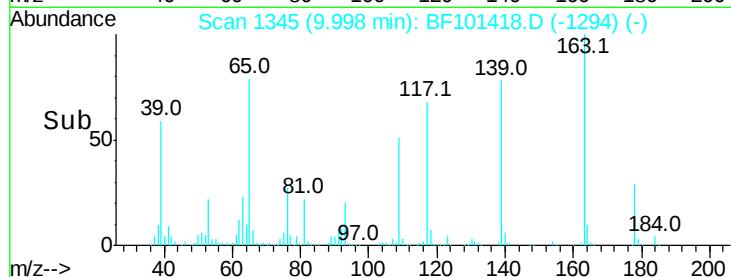
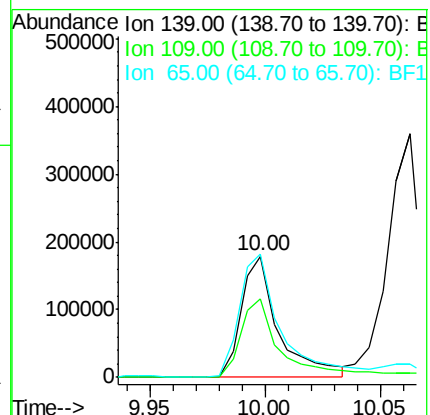
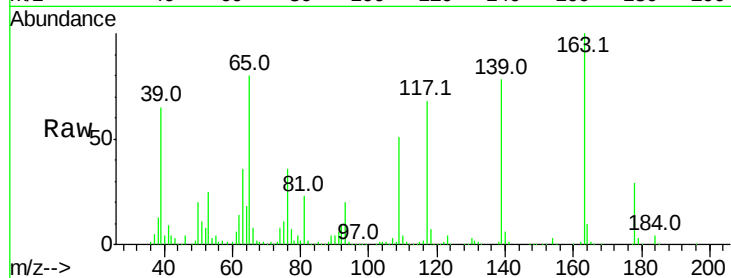
Tot Ion:139 Resp: 202248

Ion Ratio Lower Upper

139 100

109 64.9 48.4 88.4

65 102.3 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 34.488 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Tgt Ion:165 Resp: 210794

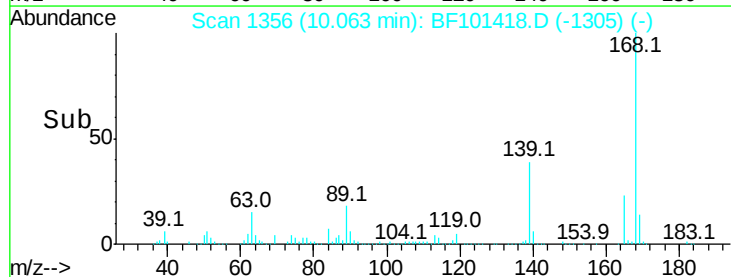
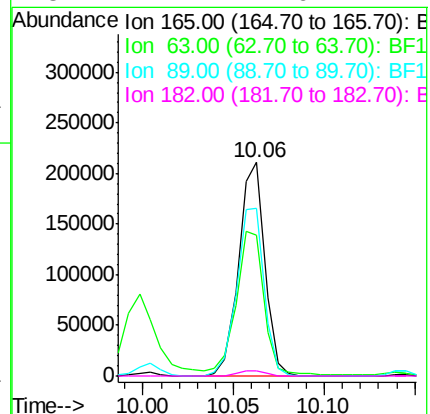
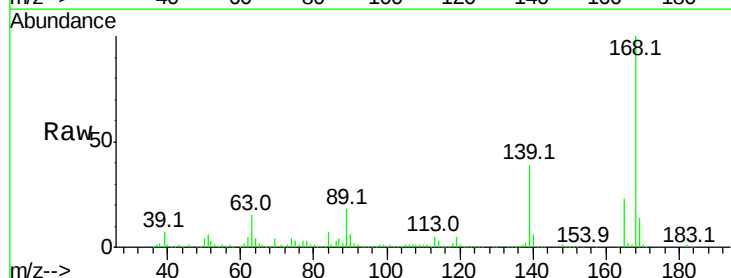
Ion Ratio Lower Upper

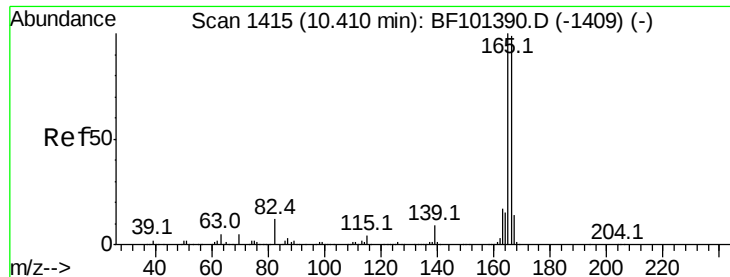
165 100

63 65.7 36.4 54.6#

89 78.5 57.8 86.6

182 2.4 1.6 2.4





#57

Fluorene

Concen: 31.891 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampled :

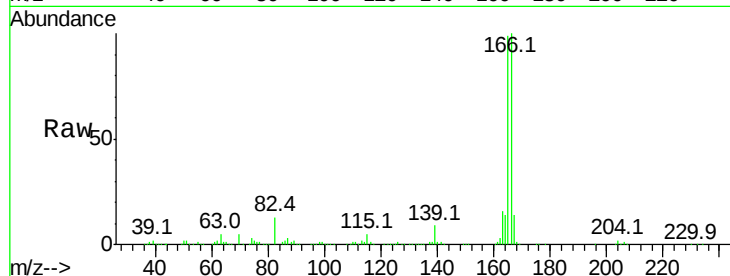
Tot Ion:166 Resp: 732588

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

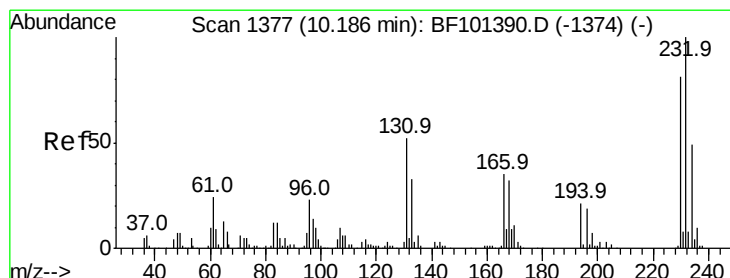
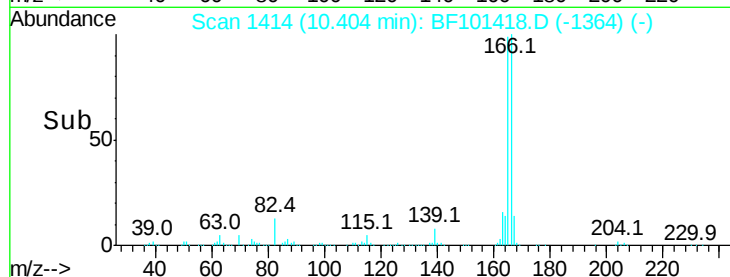
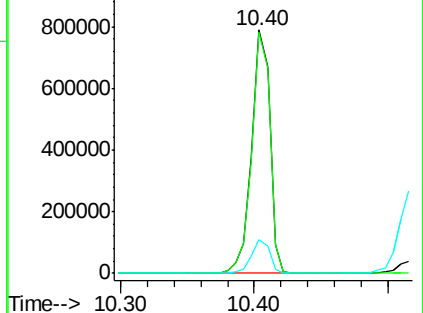
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.870 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Tgt Ion:232 Resp: 190324

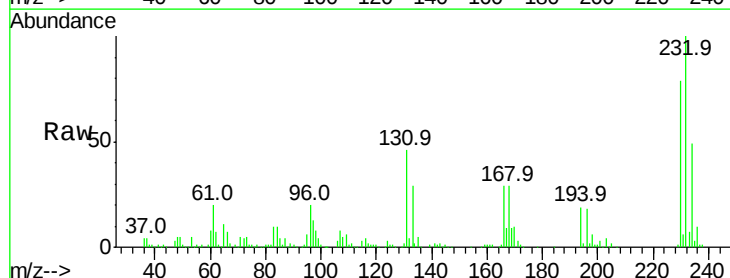
Ion Ratio Lower Upper

232 100

131 45.3 43.8 65.8

130 2.5 2.1 3.1

166 30.2 27.8 41.6

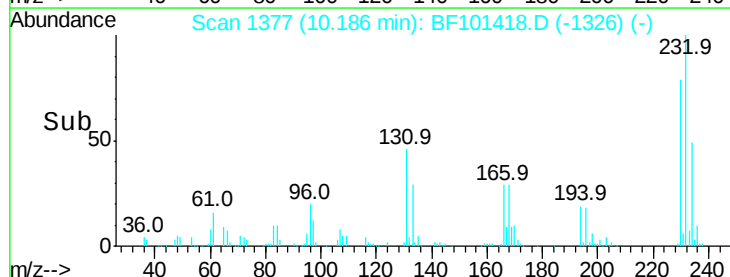
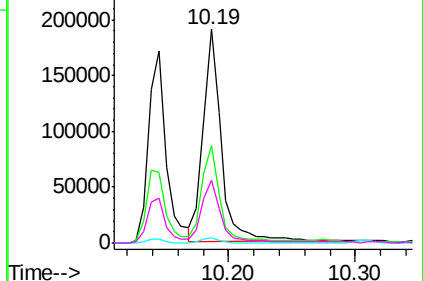


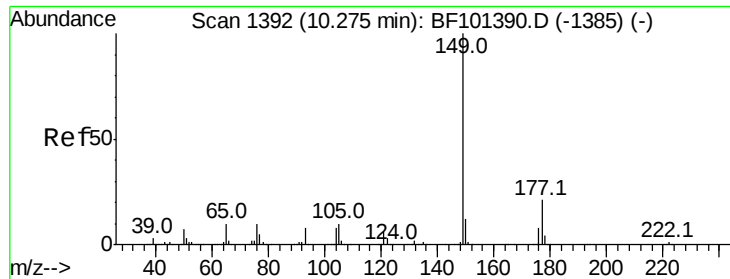
Abundance Ion 232.00 (231.70 to 232.70): E

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

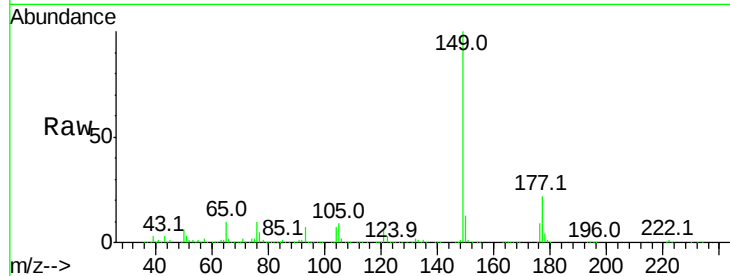




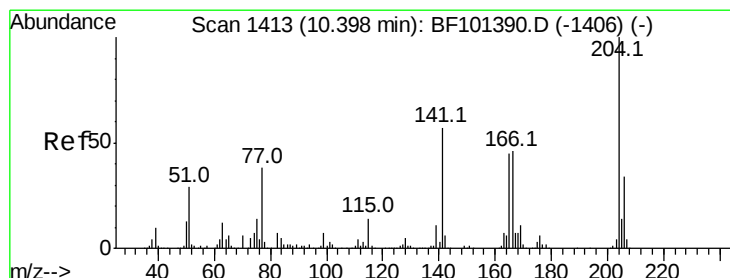
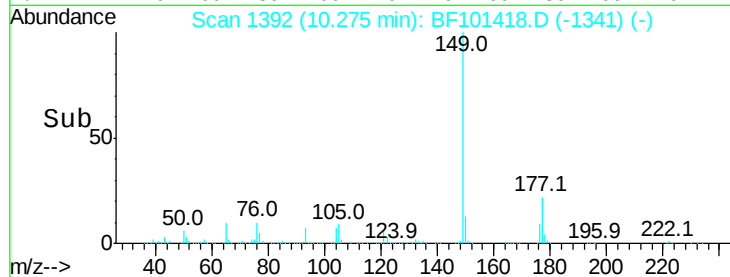
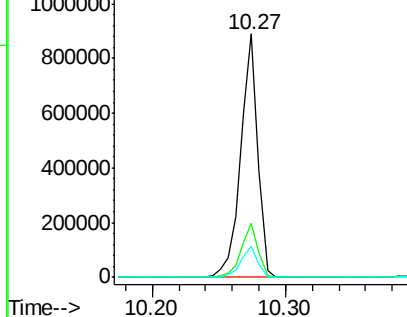
#59
Diethylphthalate
Concen: 29.976 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.1	24.1
150	12.6	10.1	15.1

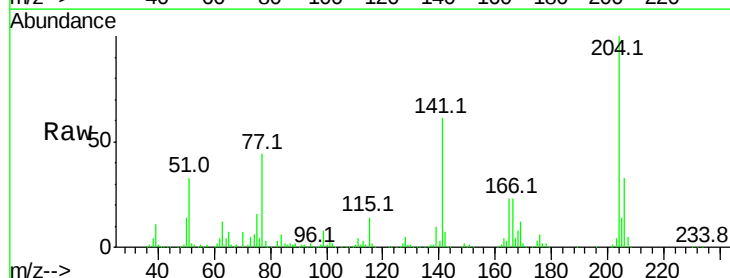


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

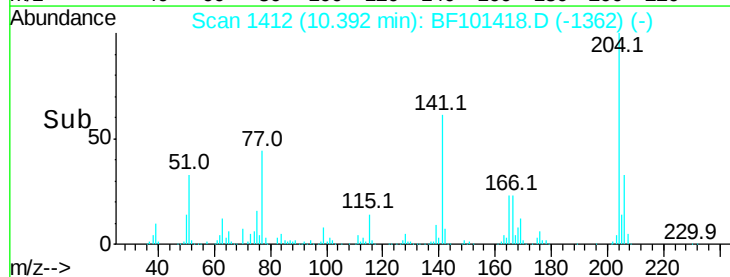
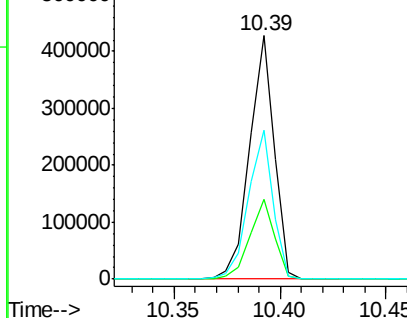


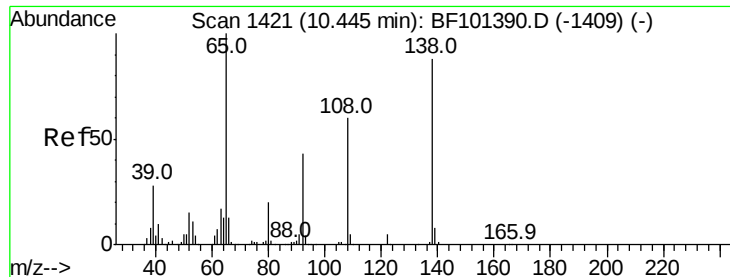
#60
4-Chlorophenyl-phenylether
Concen: 31.694 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	61.4	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

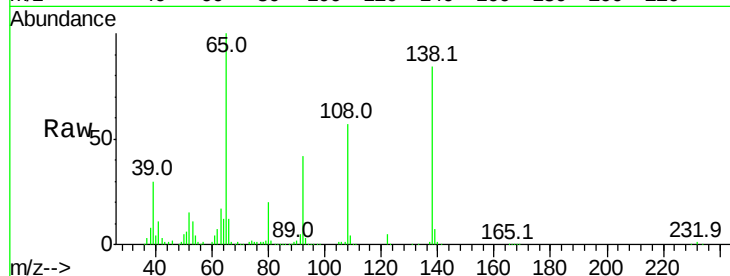




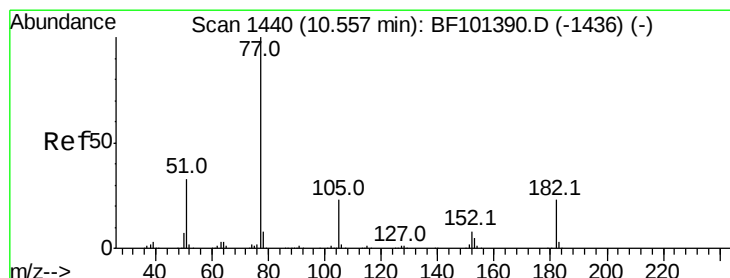
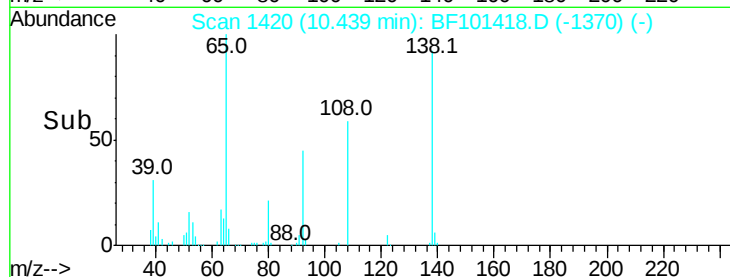
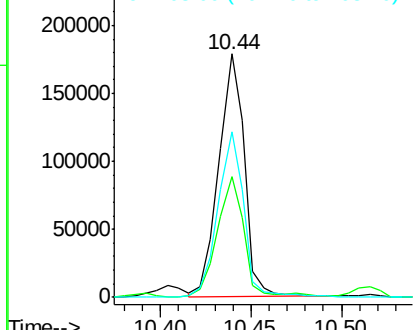
#61
4-Nitroaniline
Concen: 25.910 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 176145
Ion Ratio Lower Upper
138 100
92 49.6 30.2 70.2
108 68.1 52.5 92.5

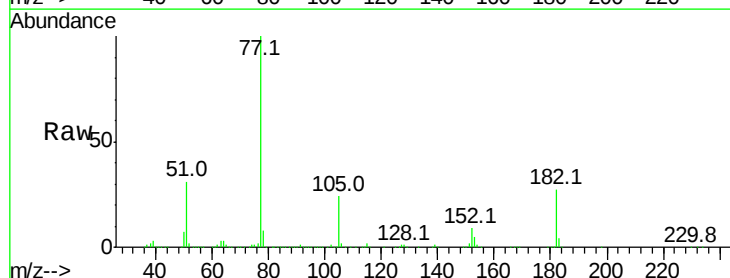


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

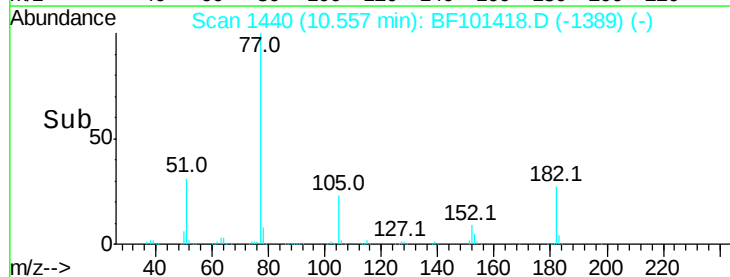
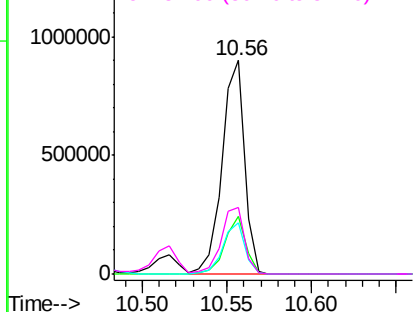


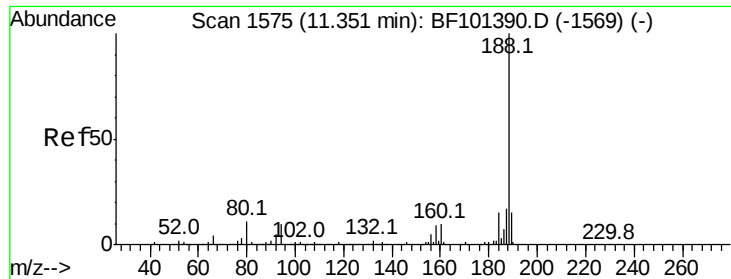
#62
Azobenzene
Concen: 30.341 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion: 77 Resp: 830780
Ion Ratio Lower Upper
77 100
182 26.8 1.7 41.7
105 23.9 3.0 43.0
51 31.4 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

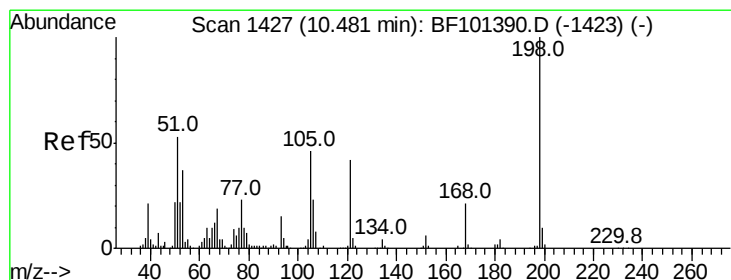
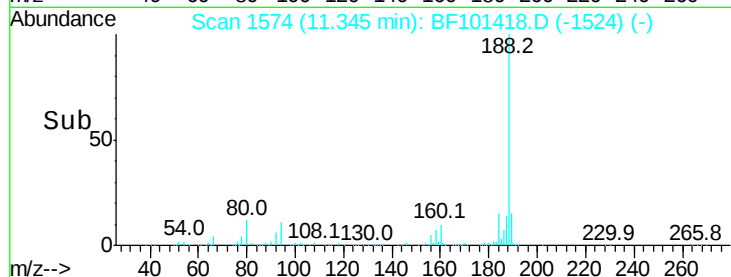
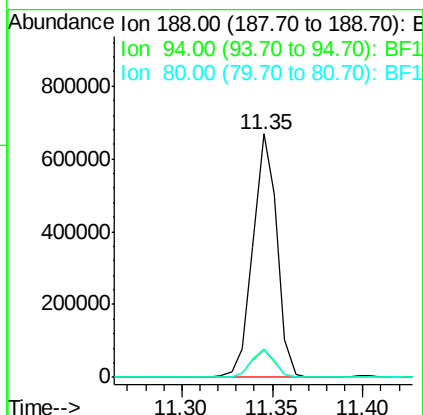
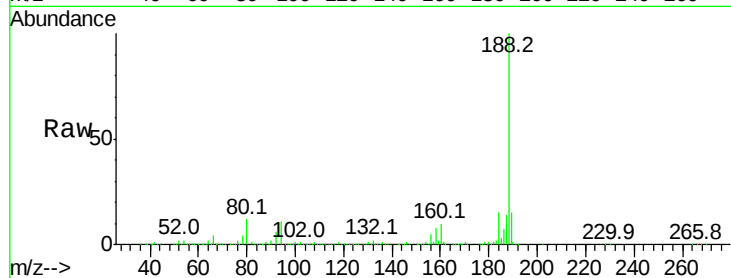




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

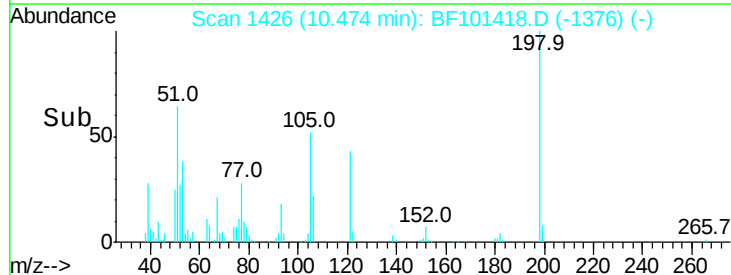
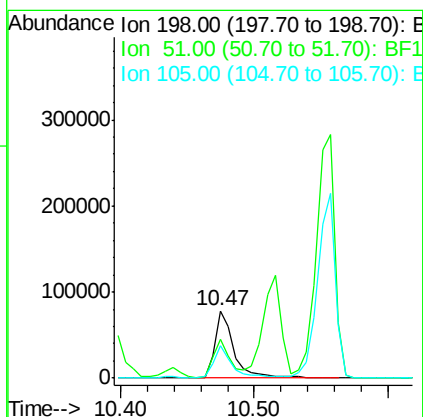
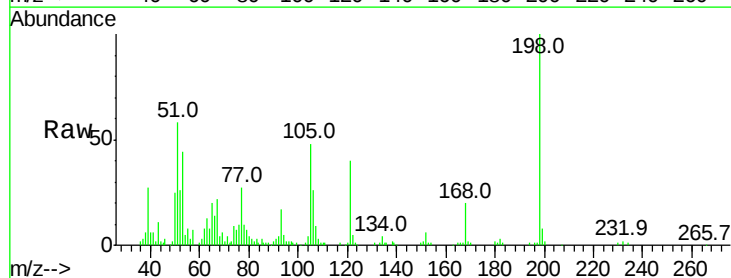
Instrument :
BNA_F
ClientSampleId :

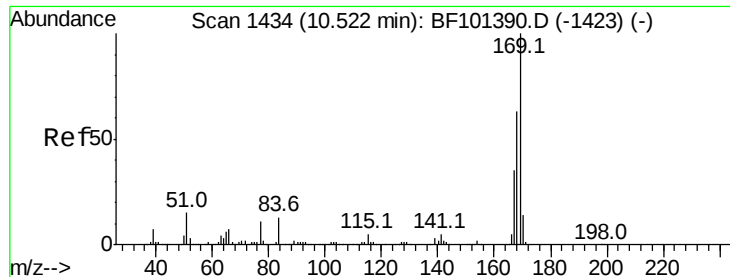
Tot Ion:188 Resp: 615355
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.746 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:198 Resp: 77707
Ion Ratio Lower Upper
198 100
51 58.4 37.7 77.7
105 48.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 30.442 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

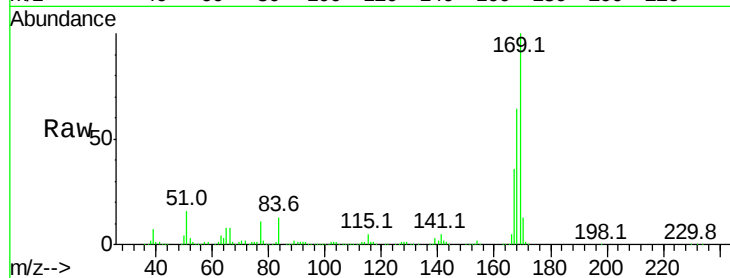
Tot Ion:169 Resp: 691690

Ion Ratio Lower Upper

169 100

168 63.9 54.4 81.6

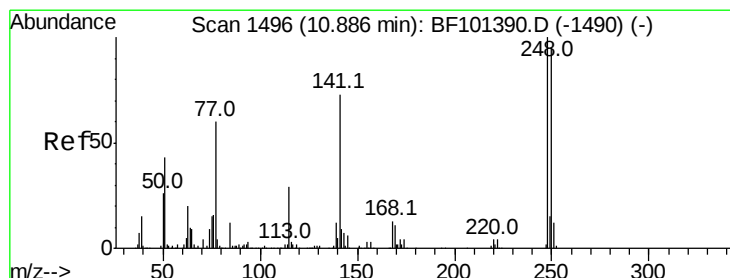
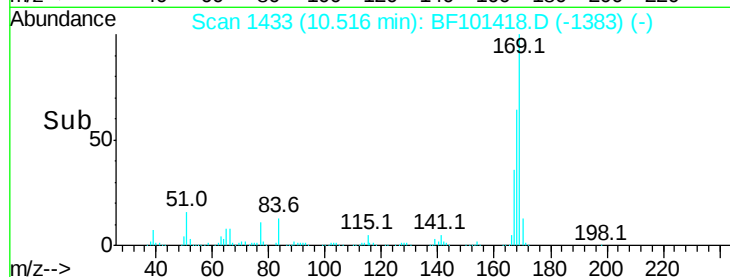
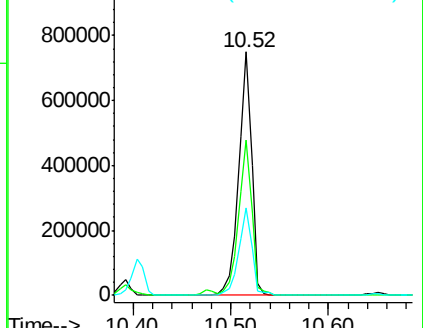
167 35.8 29.8 44.6



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: 31.966 ng

RT: 10.89 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

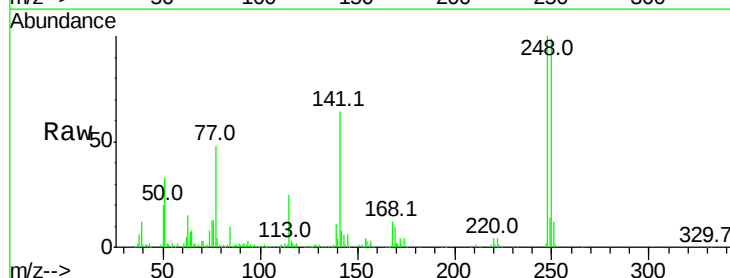
Tgt Ion:248 Resp: 221021

Ion Ratio Lower Upper

248 100

250 98.6 76.9 115.3

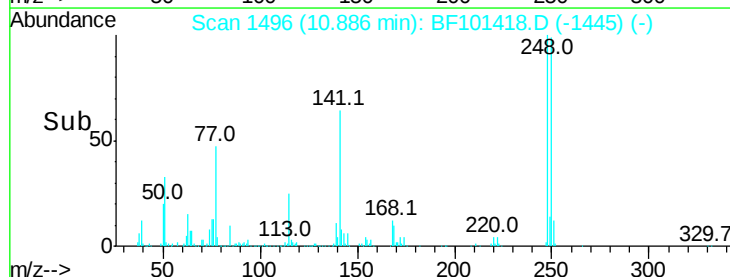
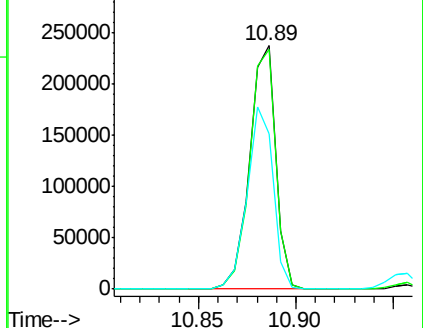
141 64.0 74.4 111.6#

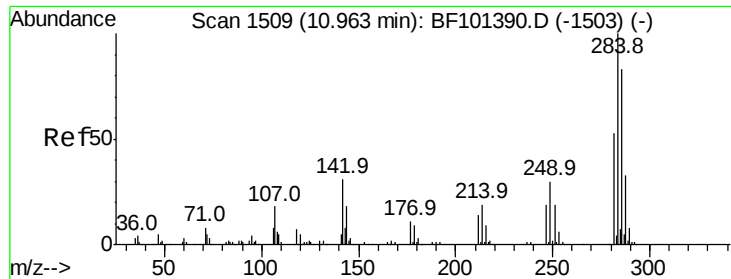


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.011 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

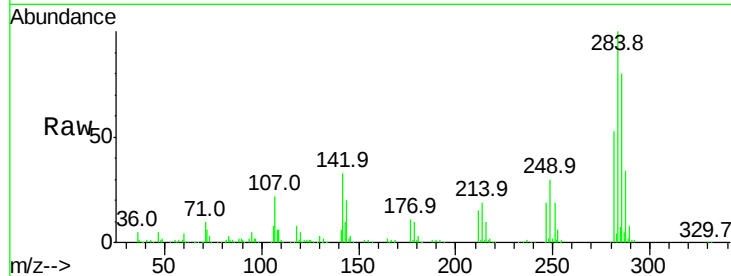
Tot Ion:284 Resp: 226936

Ion Ratio Lower Upper

284 100

142 33.1 34.6 52.0#

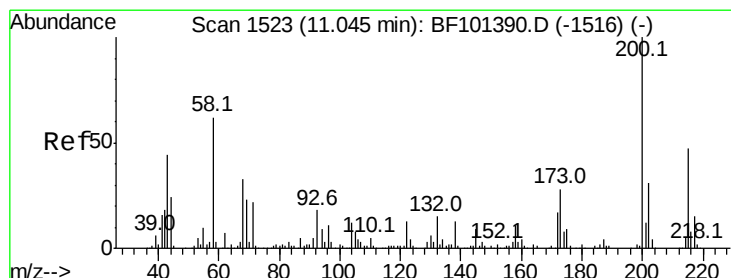
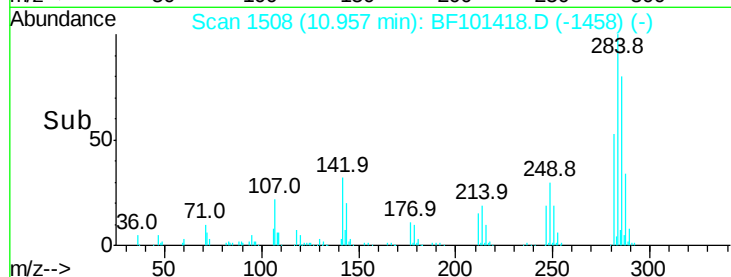
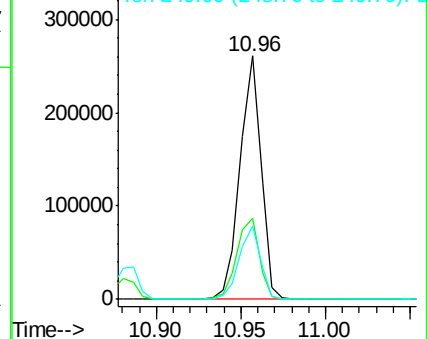
249 30.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.872 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

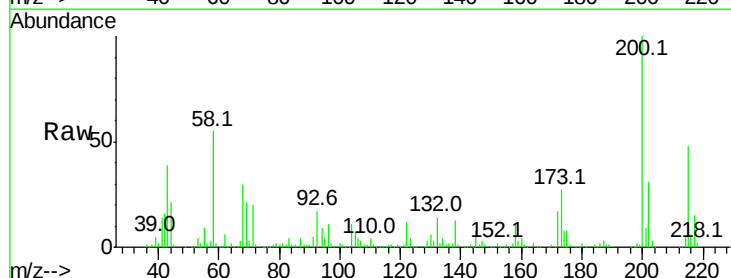
Tgt Ion:200 Resp: 222707

Ion Ratio Lower Upper

200 100

173 27.4 8.6 48.6

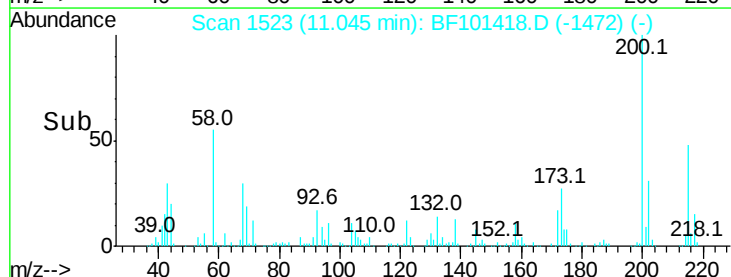
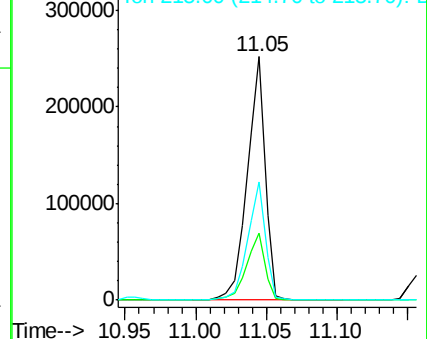
215 48.4 25.1 65.1

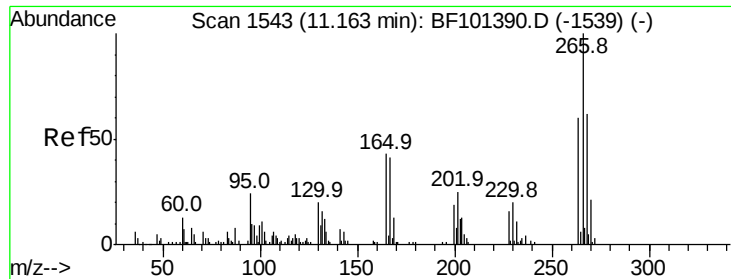


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

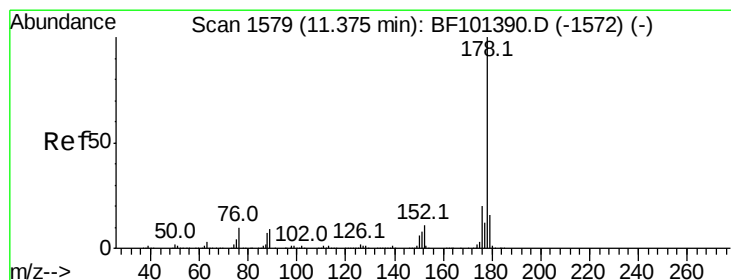
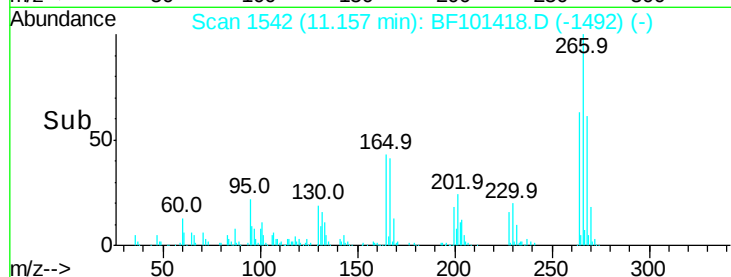
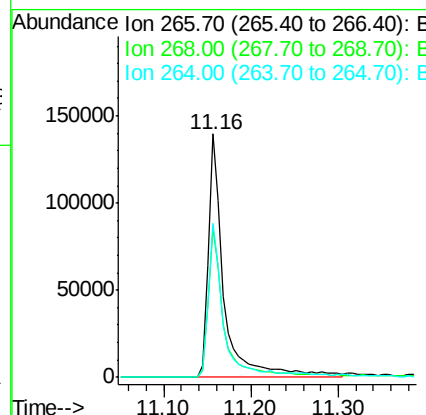
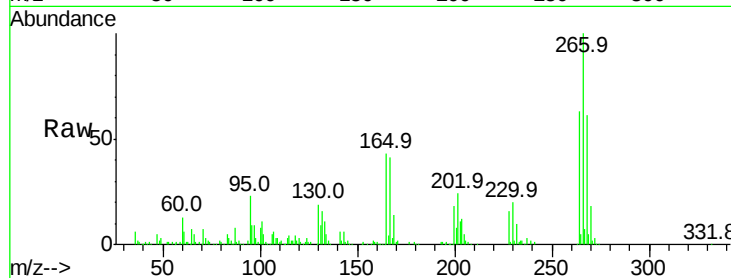




#69
 Pentachlorophenol
 Concen: 62.995 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

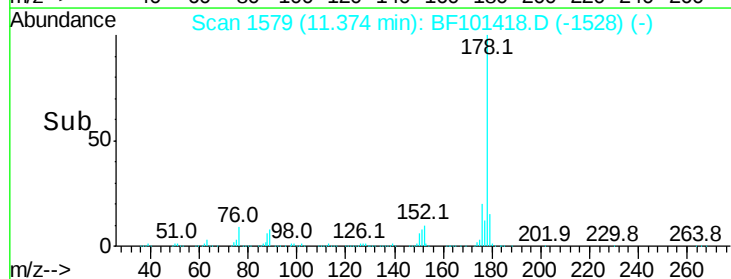
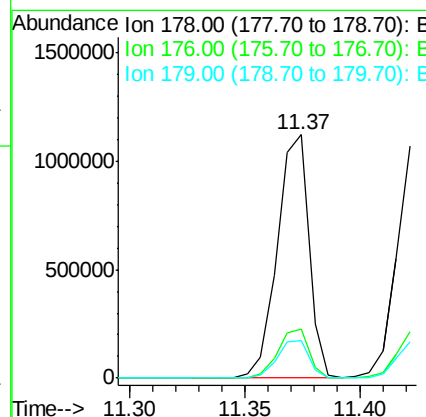
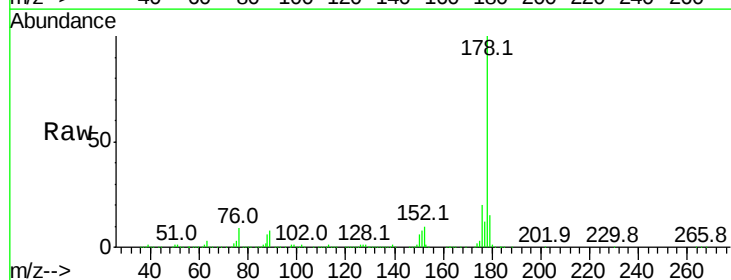
Instrument :
 BNA_F
 ClientSampleId :

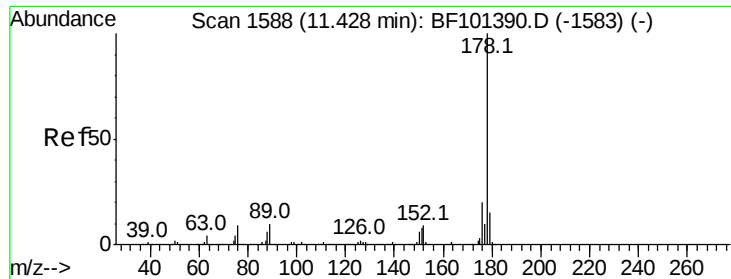
Tot Ion:266 Resp: 174949
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 31.198 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion:178 Resp: 1067620
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.2 13.0 19.6

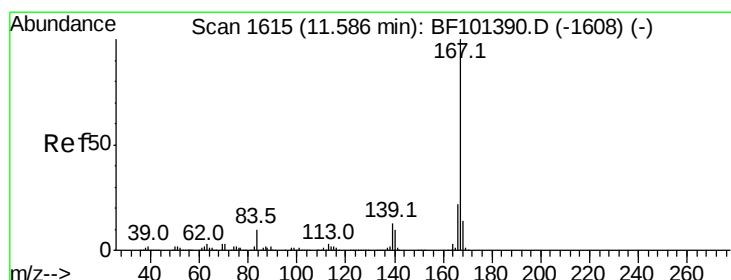
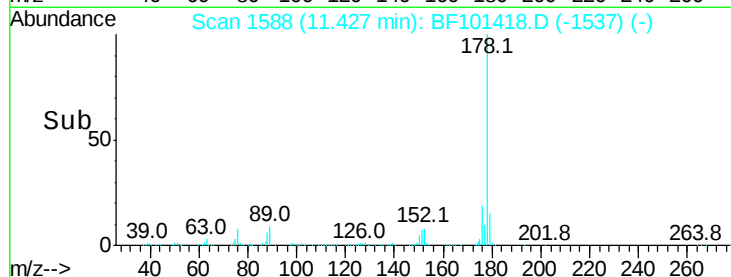
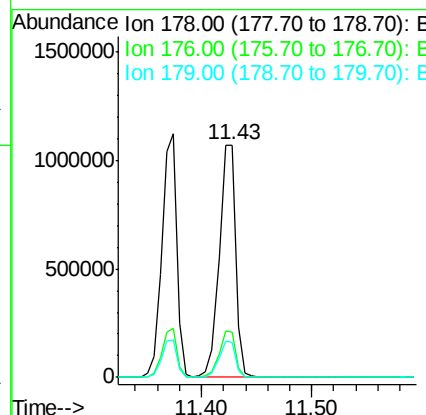
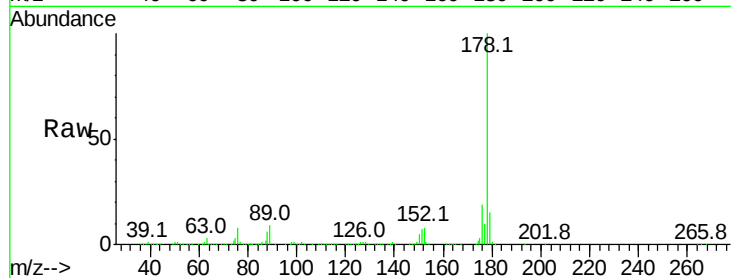




#71
 Anthracene
 Concen: 31.595 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

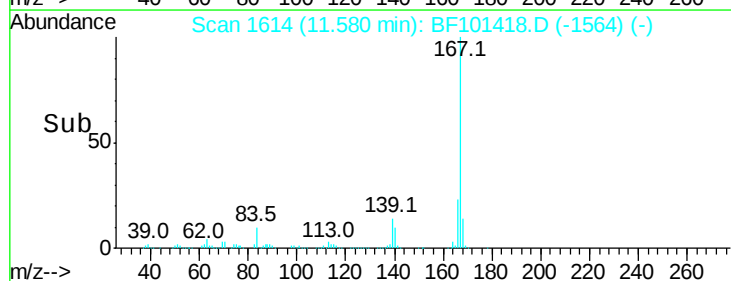
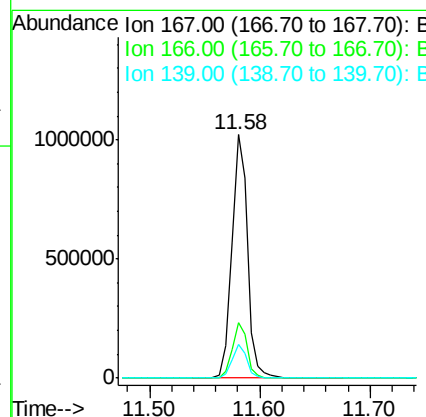
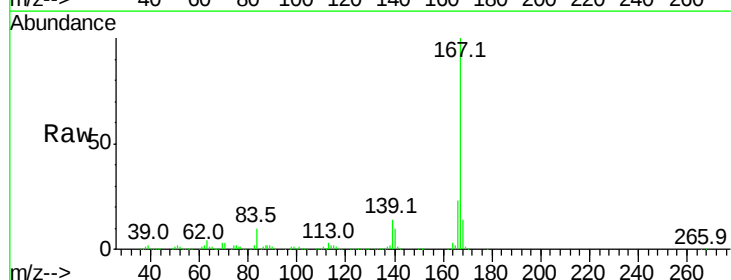
Instrument :
 BNA_F
 ClientSampled :

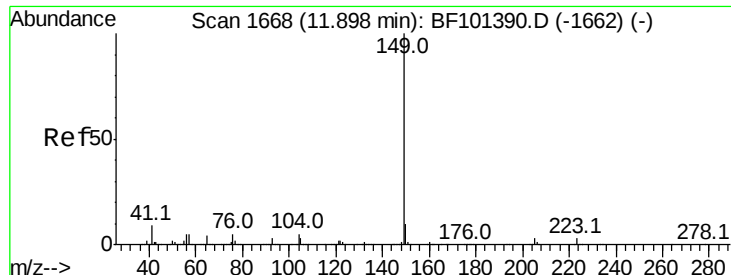
Tot Ion:178 Resp: 1104430
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 30.968 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion:167 Resp: 1013490
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.177 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

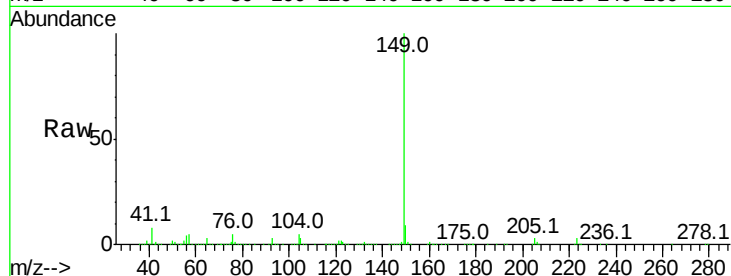
Tot Ion:149 Resp: 1238409

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

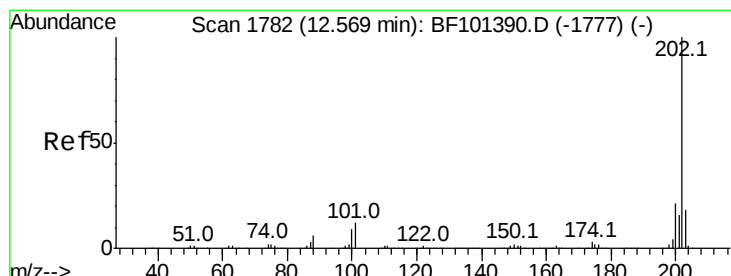
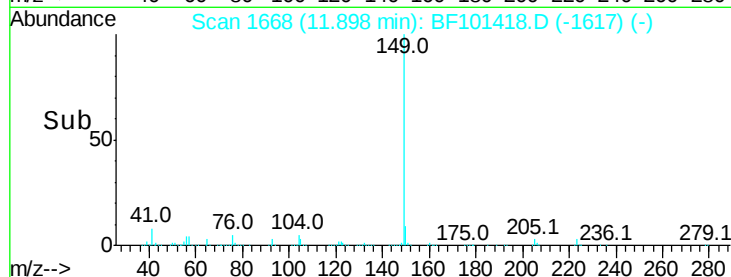
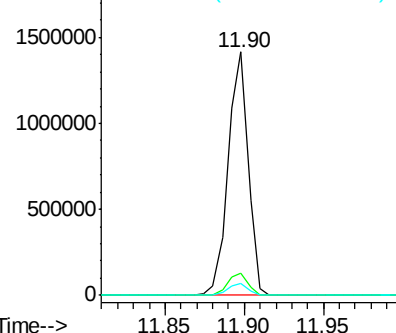
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.473 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

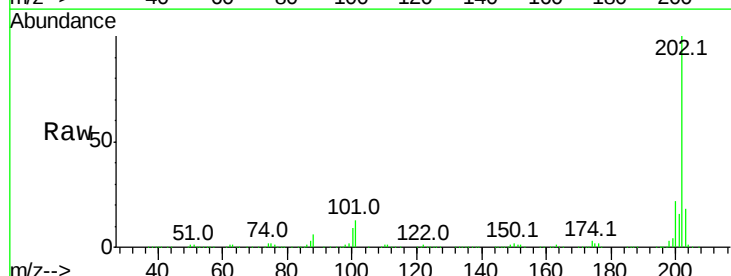
Tgt Ion:202 Resp: 1094564

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

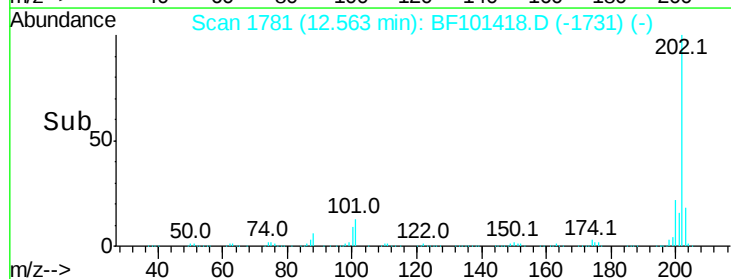
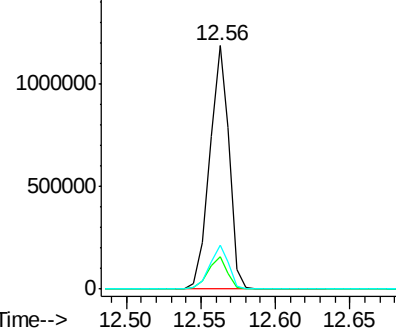
203 17.9 0.0 38.1

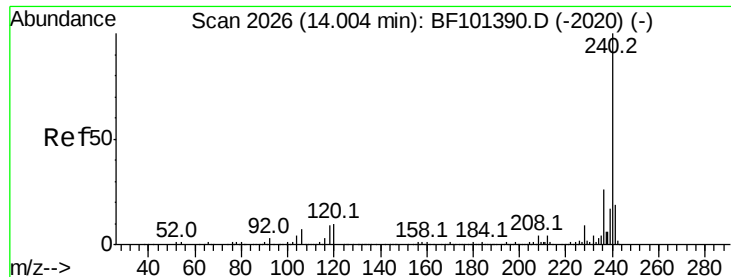


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

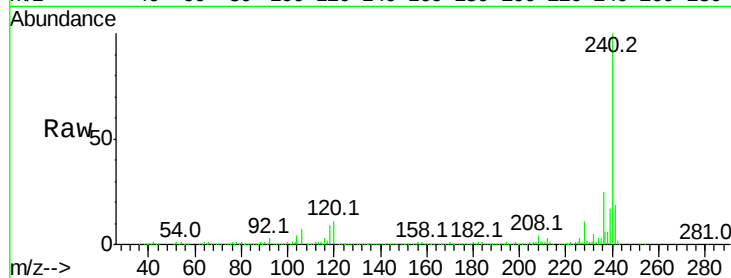
Tot Ion:240 Resp: 410301

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

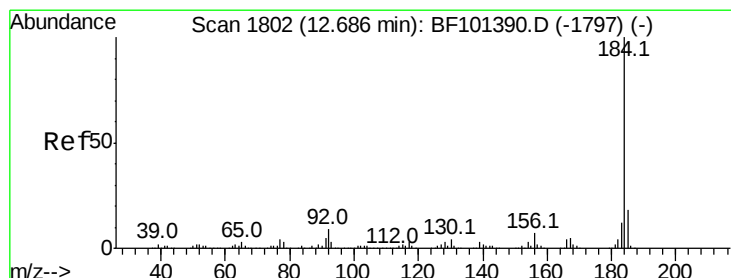
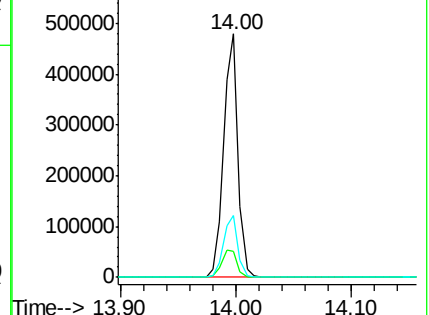
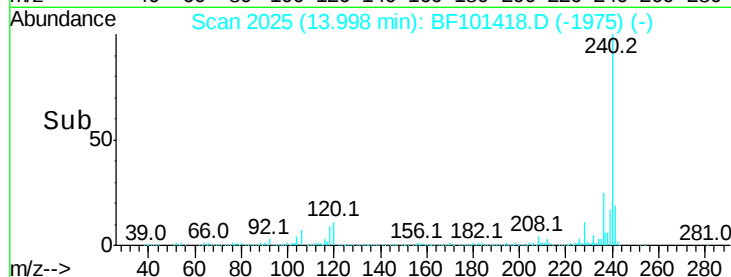
236 25.4 20.7 31.1



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: 18.542 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

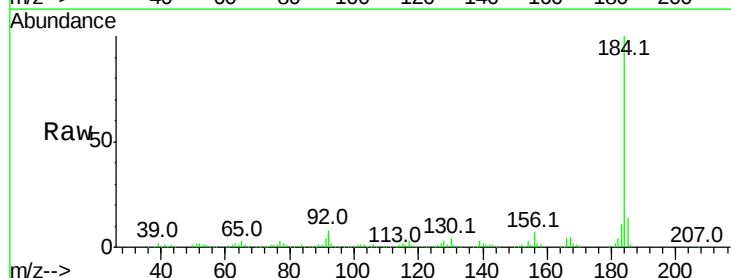
Tgt Ion:184 Resp: 321312

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

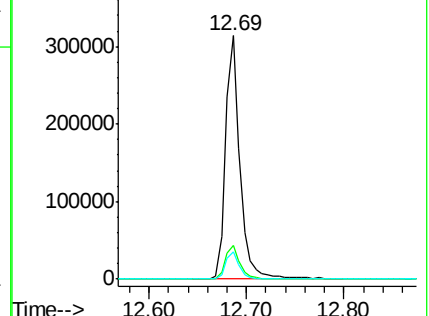
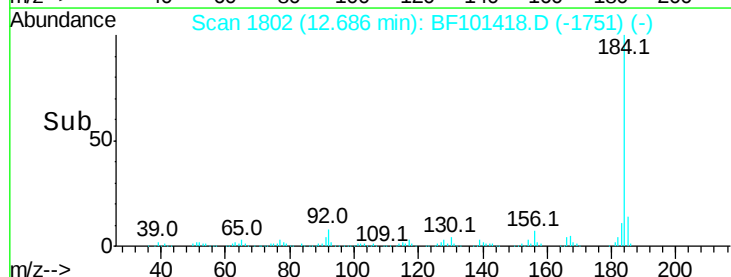
183 11.2 9.3 13.9

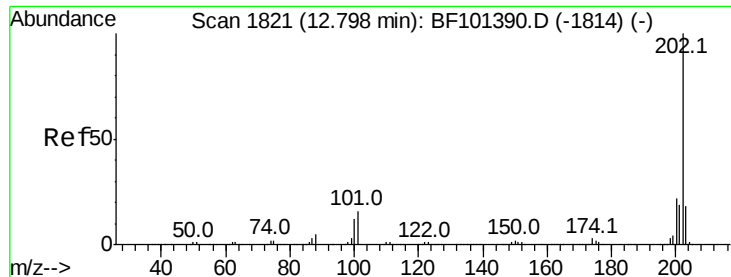


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

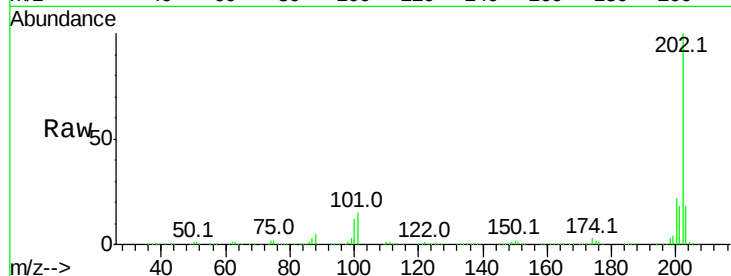




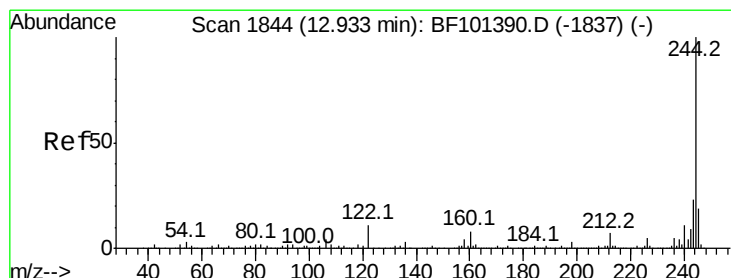
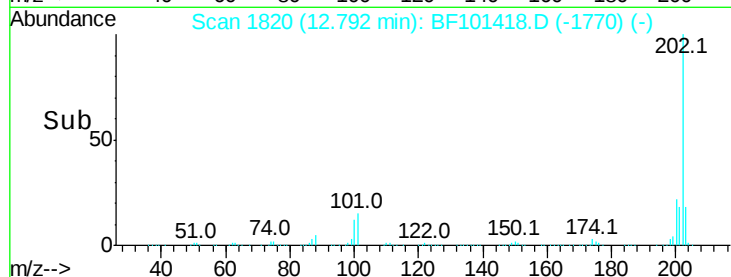
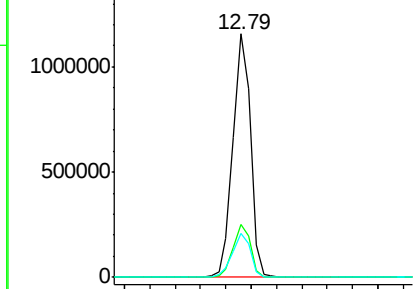
#77
Pvrene
Concen: 35.815 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1102855
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.0 14.3 21.5

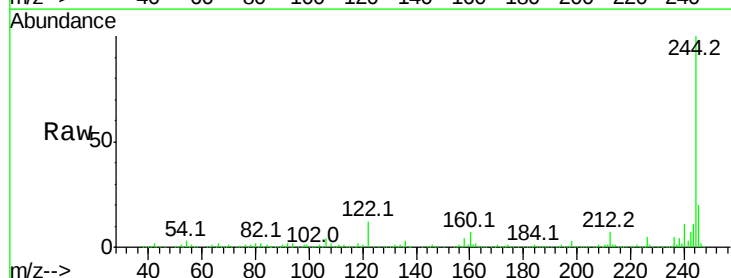


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

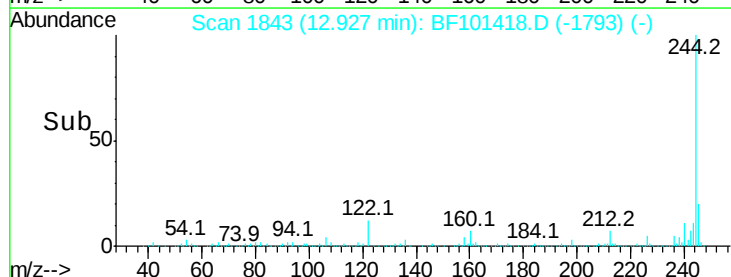
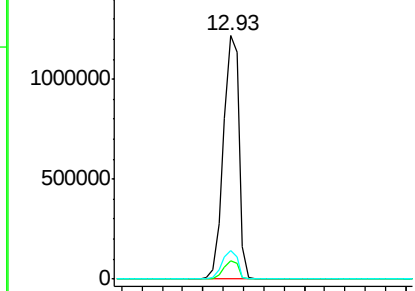


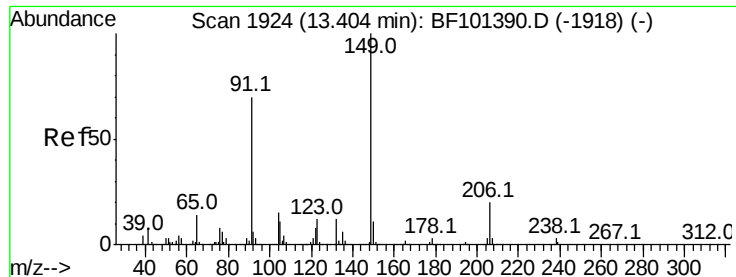
#78
Terphenyl-d14
Concen: 76.136 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:244 Resp: 1295799
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 12.0 11.0 16.4



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

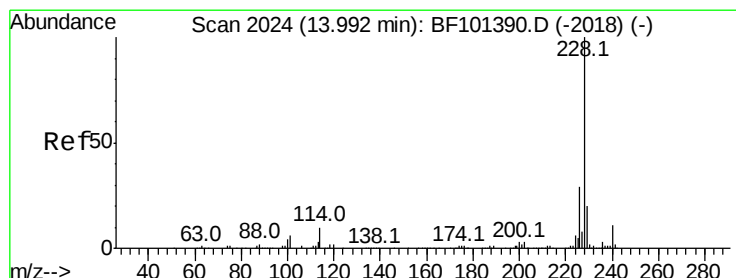
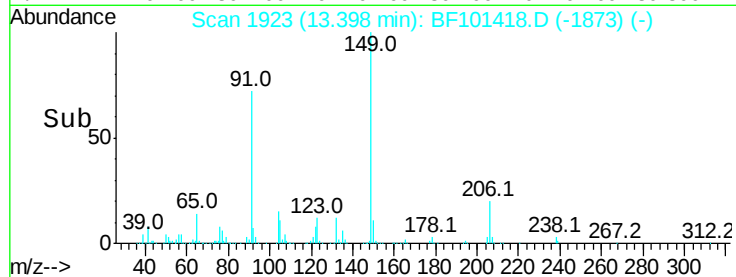
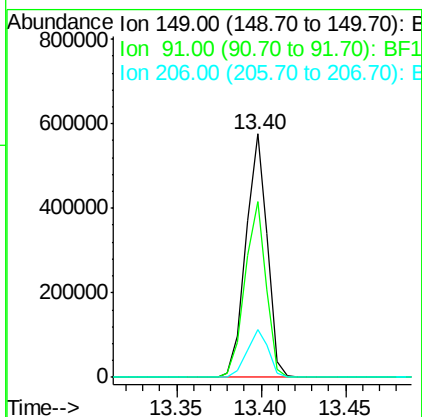
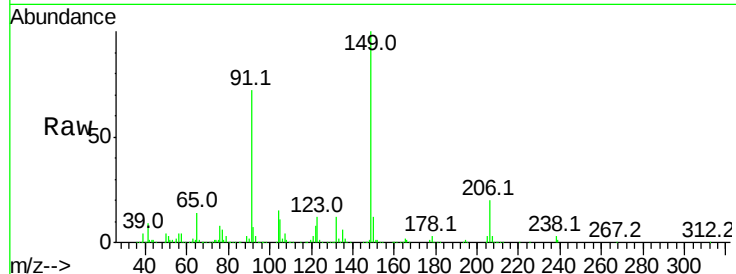




#79
Butylbenzylphthalate
Concen: 36.484 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

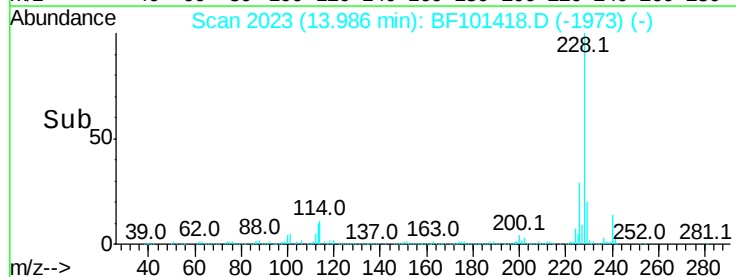
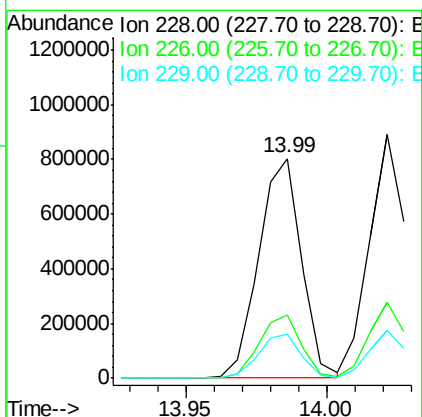
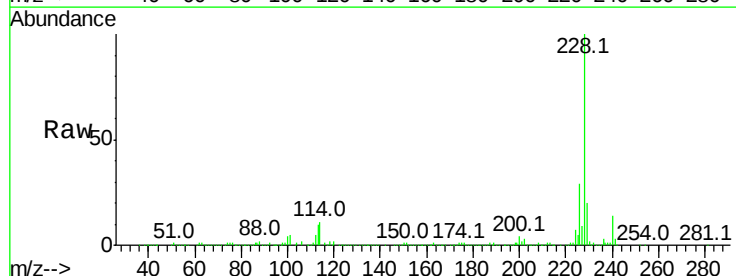
Instrument :
BNA_F
ClientSampleId :

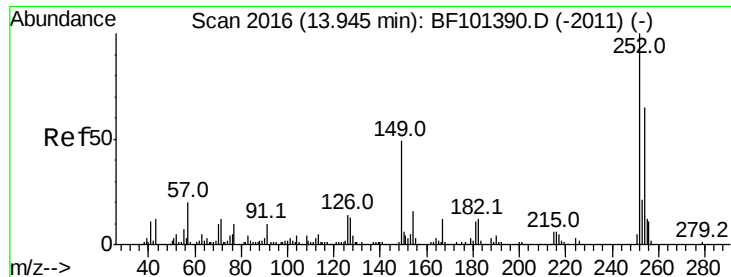
Tot Ion:149 Resp: 508333
Ion Ratio Lower Upper
149 100
91 72.3 56.8 85.2
206 19.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 31.114 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:228 Resp: 842957
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.2 15.8 23.6

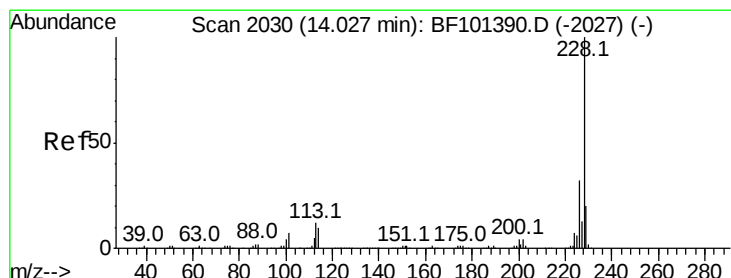
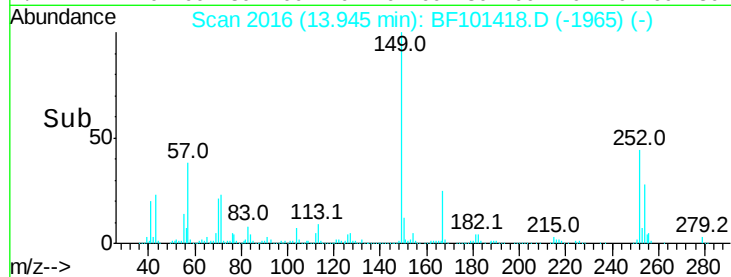
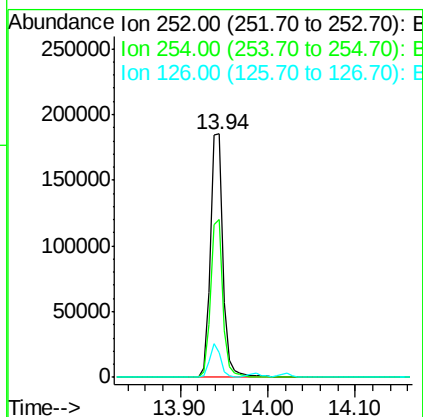
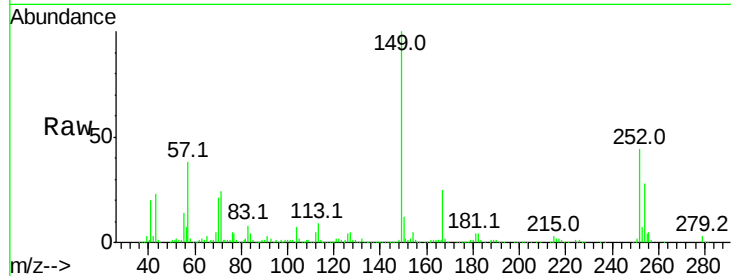




#81
 3,3'-Dichlorobenzidine
 Concen: 21.212 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

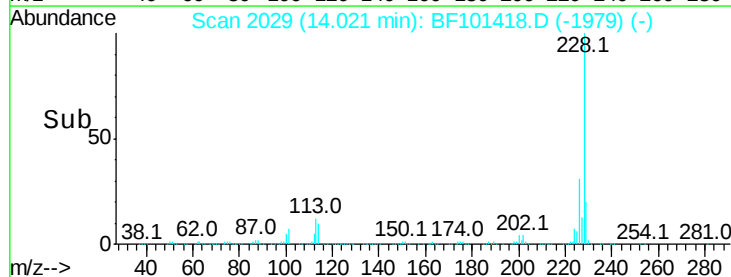
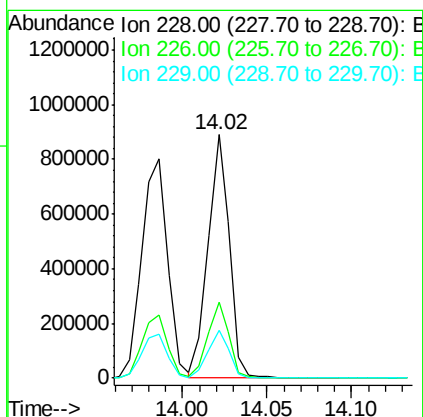
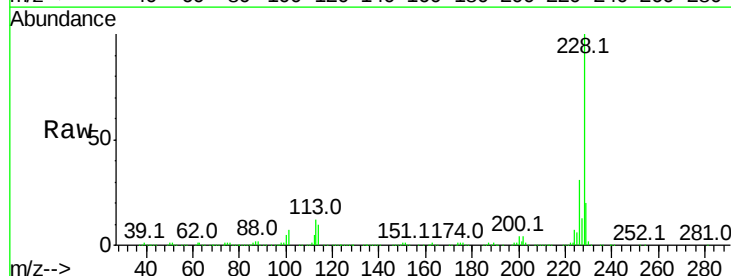
Instrument :
 BNA_F
 ClientSampled :

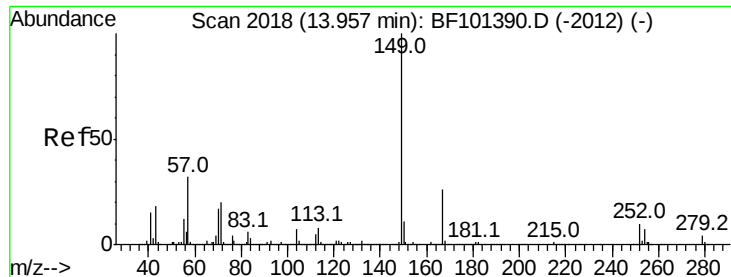
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	10.0	11.3	16.9#



#82
 Chrysene
 Concen: 30.733 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.259 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

Instrument :

BNA_F

ClientSampleId :

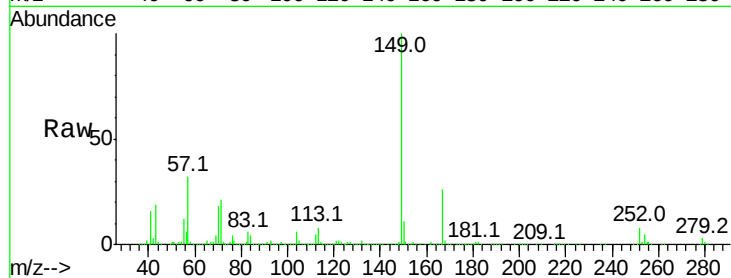
Tot Ion:149 Resp: 657542

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

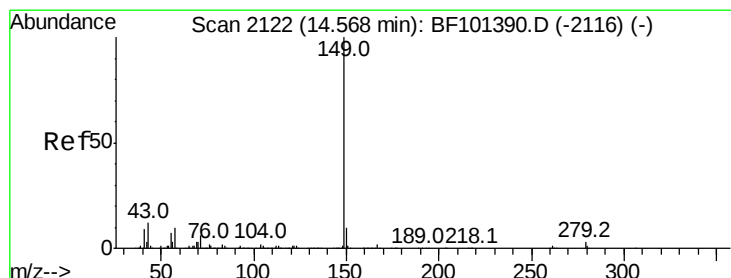
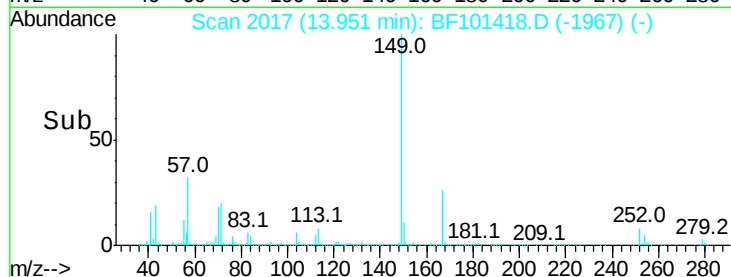
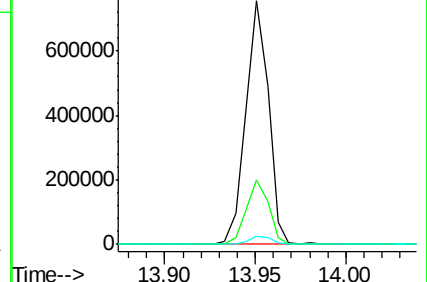
279 3.4 3.0 4.4



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: 32.648 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF101418.D

Acq: 15 Dec 2017 2:30

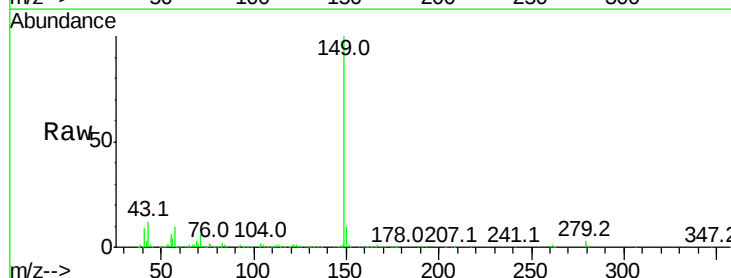
Tgt Ion:149 Resp: 1027553

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

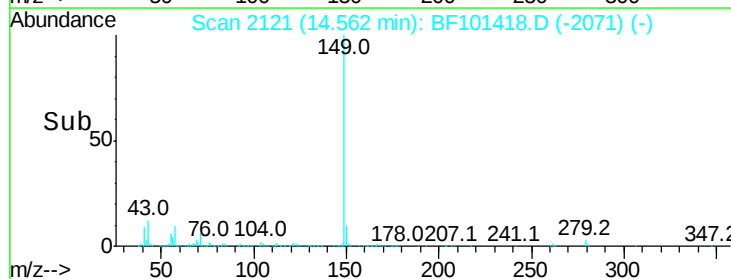
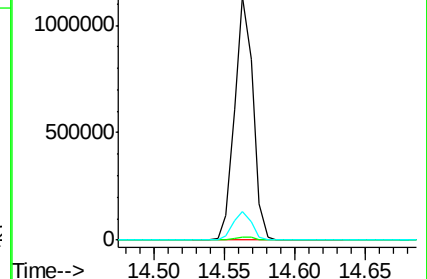
43 11.7 8.4 12.6

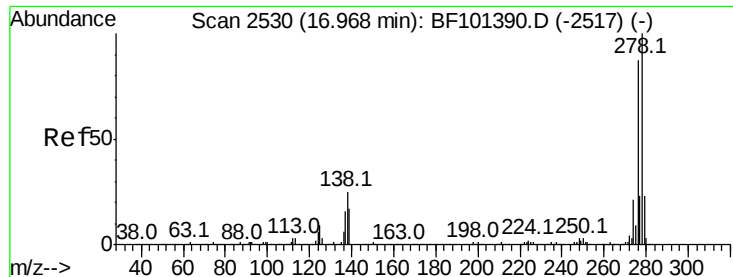


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

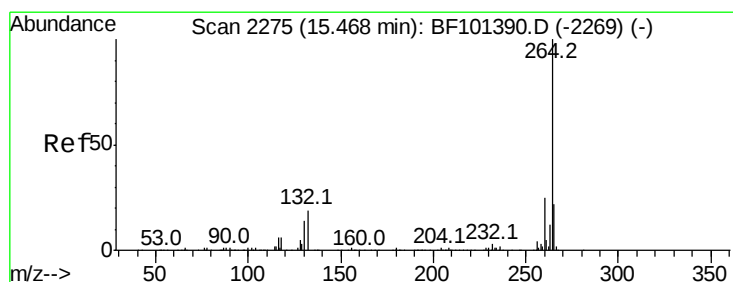
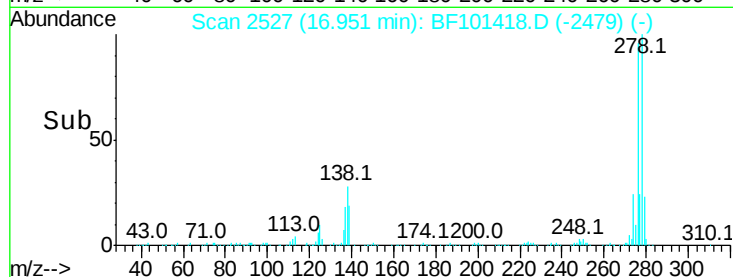
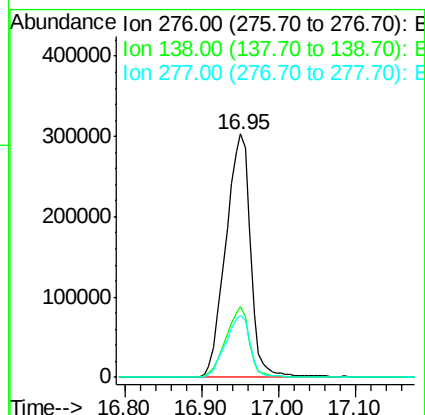
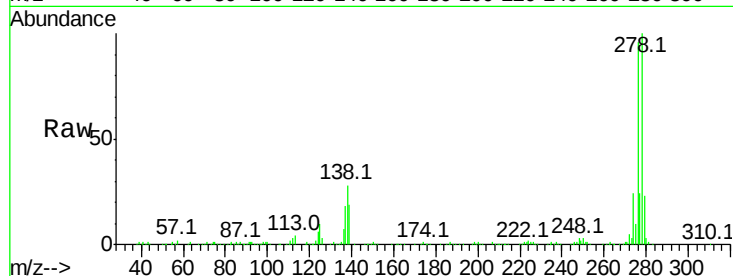




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.921 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. -0.02 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

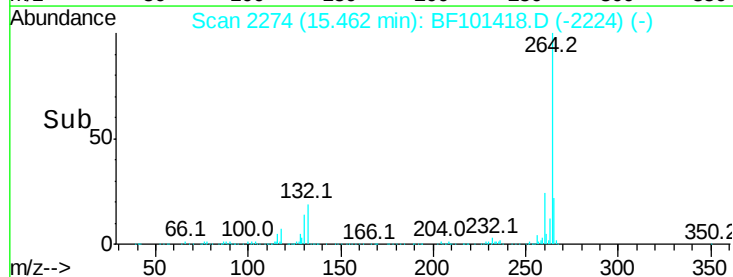
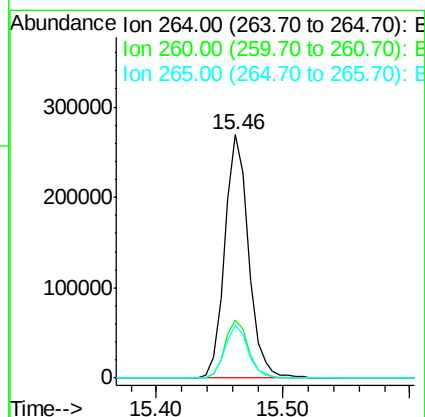
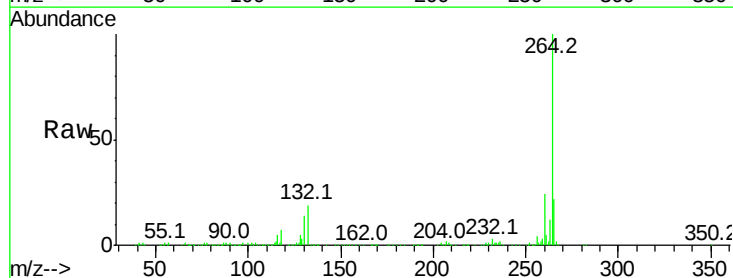
Instrument :
 BNA_F
 ClientSampleId :

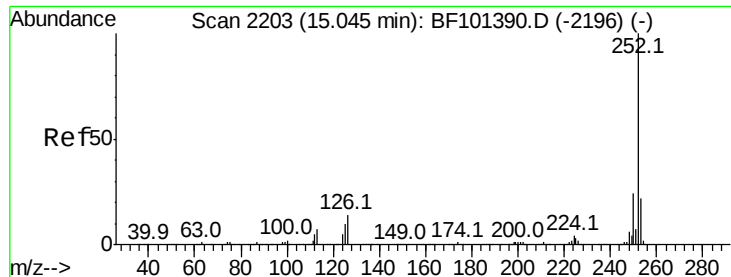
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.5	26.3

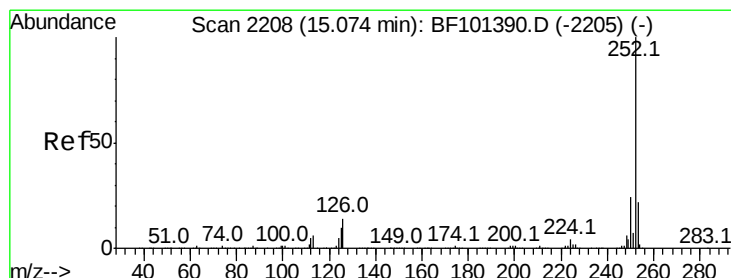
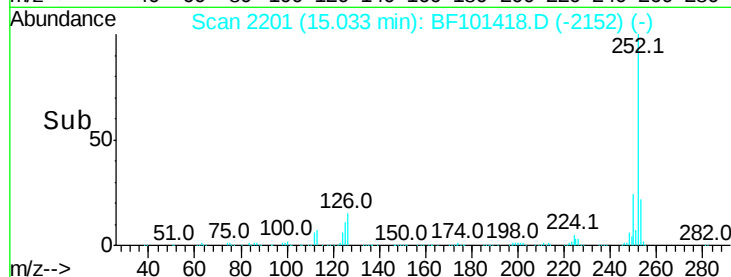
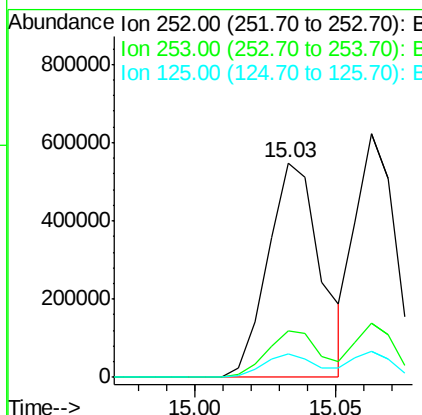
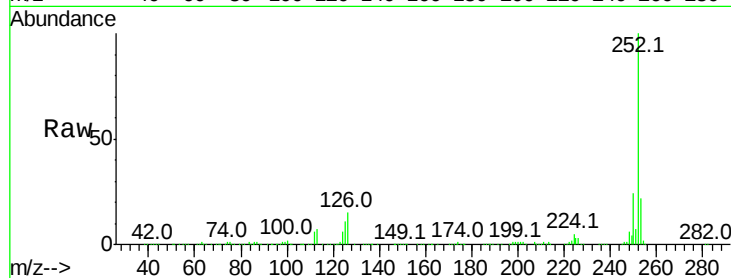




#87
Benzo(b)fluoranthene
Concen: 33.333 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

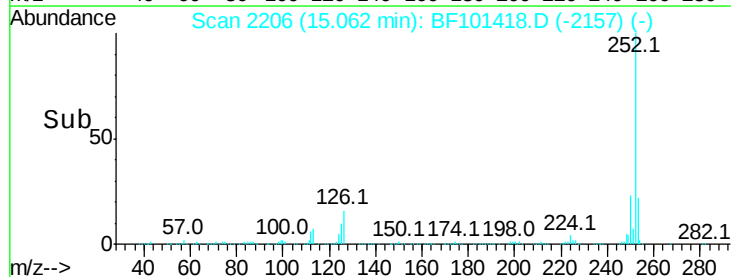
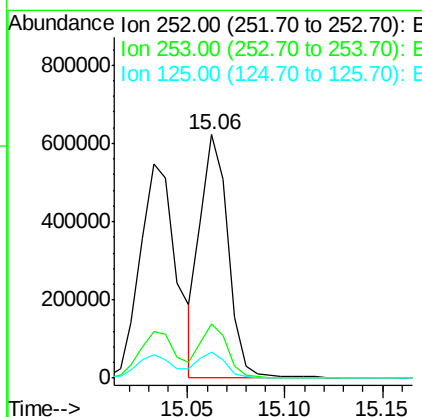
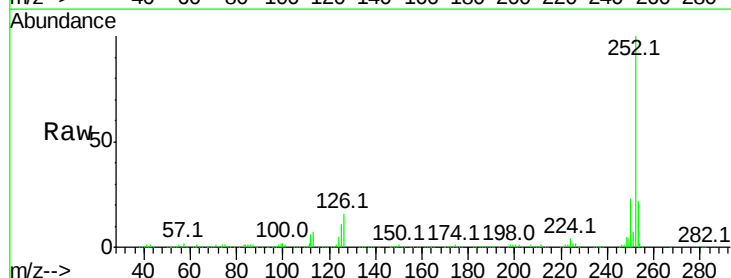
Instrument :
BNA_F
ClientSampleId :

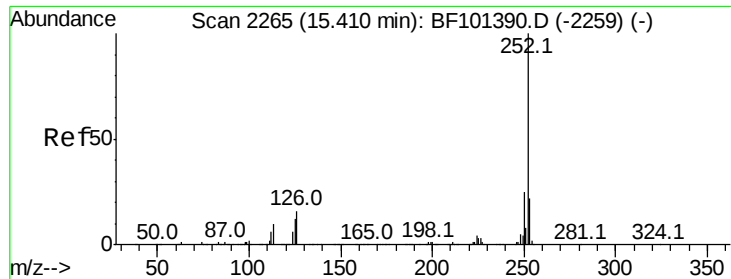
Tot Ion:252 Resp: 711636
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 29.477 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:252 Resp: 611864
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.6 10.2 15.2

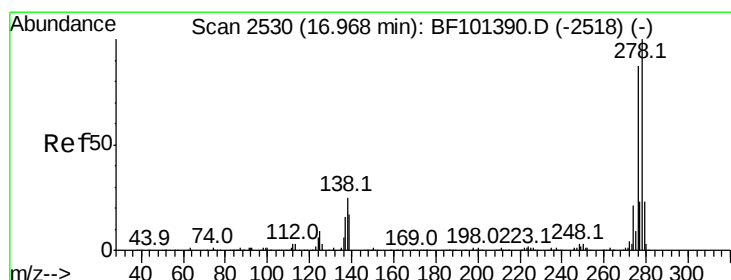
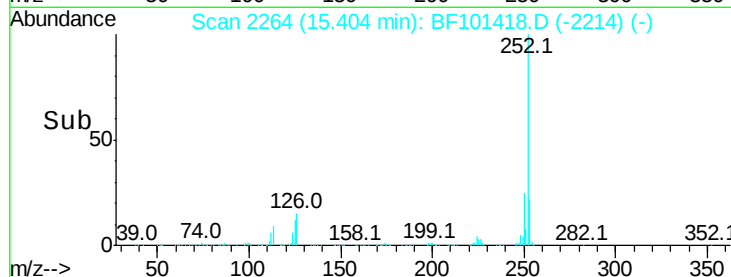
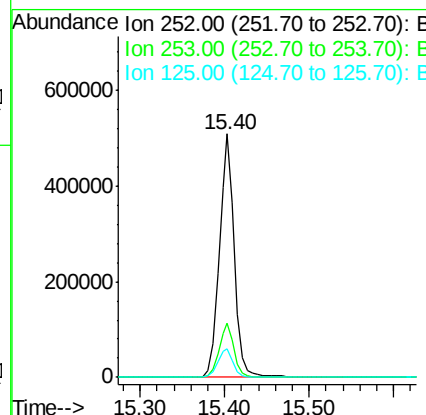
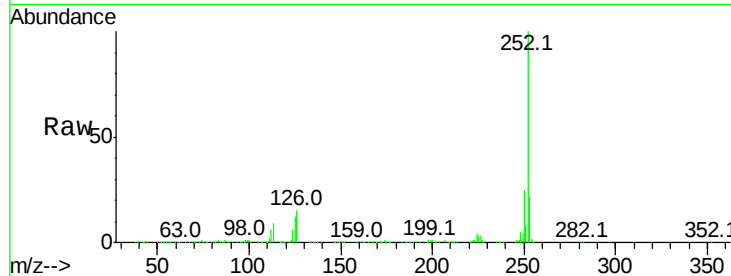




#89
Benzo(a)pyrene
Concen: 32.232 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

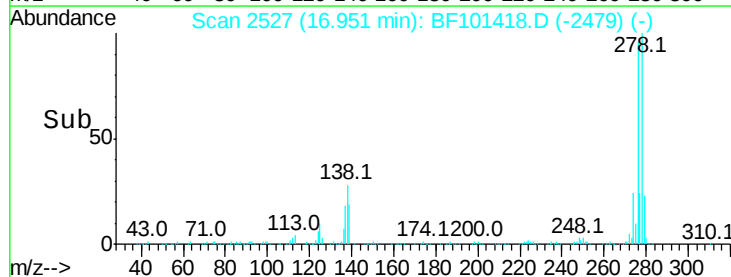
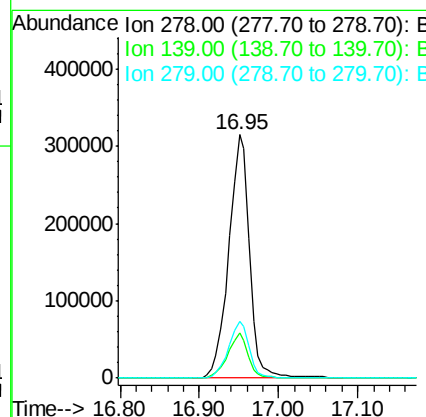
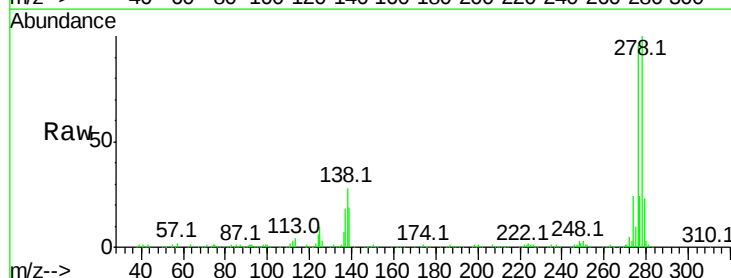
Instrument :
BNA_F
ClientSampleId :

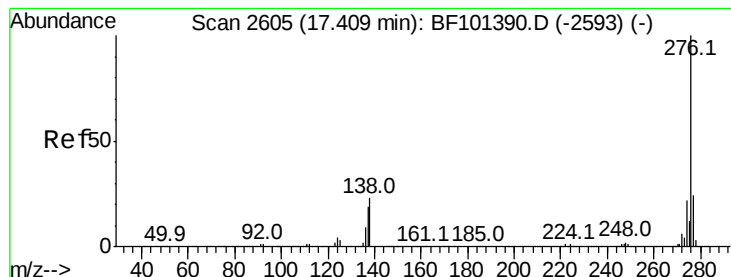
Tot Ion:252 Resp: 634354
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 11.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 33.749 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF101418.D
Acq: 15 Dec 2017 2:30

Tgt Ion:278 Resp: 570289
Ion Ratio Lower Upper
278 100
139 18.5 15.9 23.9
279 23.1 19.0 28.4

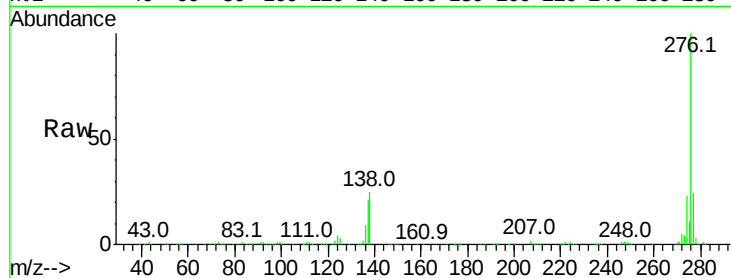




#91
 Benzo(a,h,i)perylene
 Concen: 34.453 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. -0.02 min
 Lab File: BF101418.D
 Acq: 15 Dec 2017 2:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	24.9	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

