

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102328.D
 Acq On : 23 Jan 2018 6:30
 Operator : SJ/JU
 Sample : J1186-04RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

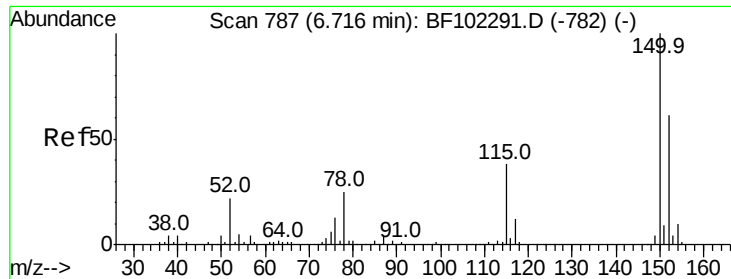
Quant Time: Jan 23 07:48:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119267	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	481348	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192523	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	279959	20.00	ng	0.00
75) Chrysene-d12	13.88	240	256454	20.00	ng	0.00
86) Perylene-d12	15.31	264	190384	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	874120	111.13	ng	0.02
7) Phenol-d6	6.37	99	1043358	110.02	ng	0.01
23) Nitrobenzene-d5	7.29	82	671178	80.13	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	196345	102.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1138298	86.94	ng	0.00
78) Terphenyl-d14	12.83	244	751278	66.04	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.27	77	18809	2.857	ng	91
10) Phenol	6.38	94	240772	23.257	ng	91
15) Benzyl Alcohol	6.93	79	3835044	573.172	ng	97
17) 2-Methylphenol	6.93	107	2153838	300.769	ng	# 21
19) n-Nitroso-di-n-propylamine	7.16	70	316801	54.589	ng	# 51
20) 3+4-Methylphenols	6.93	107	2145559	254.749	ng	# 1
25) Isophorone	7.29	82	667789	44.721	ng	# 64
27) 2,4-Dimethylphenol	7.76	122	41005	6.259	ng	# 17
32) Benzoic acid	7.99	122	2018895	367.844	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	19560	2.781	ng	# 20
50) 2,6-Dinitrotoluene	9.75	165	24371	7.103	ng	# 27
66) 4-Bromophenyl-phenylether	10.55	248	13127	4.356	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.86	149	33619	2.535	ng	# 96

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

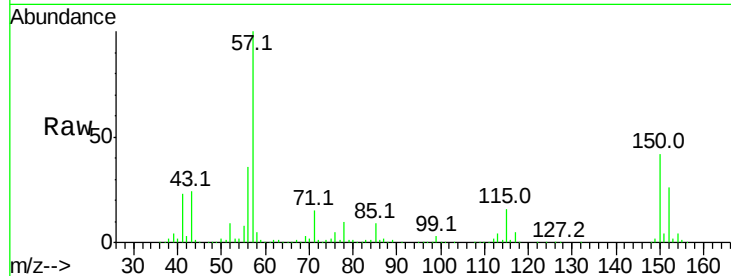


#1

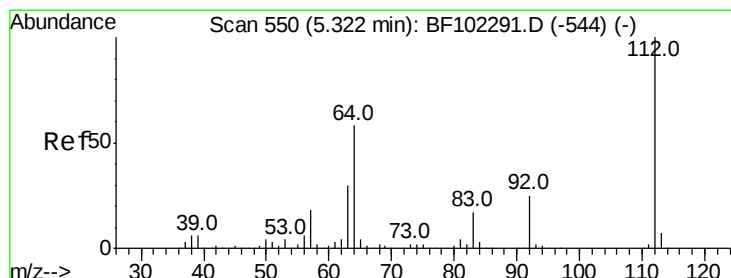
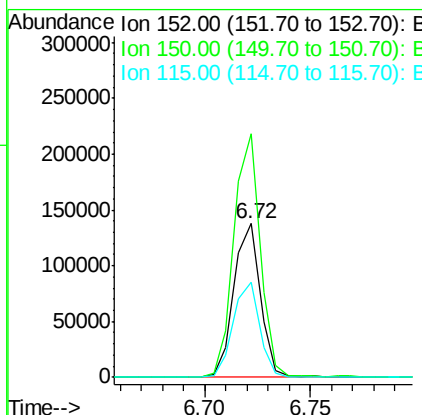
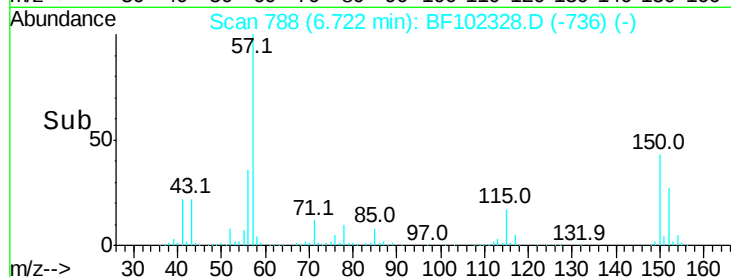
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	61.7	50.1	75.1



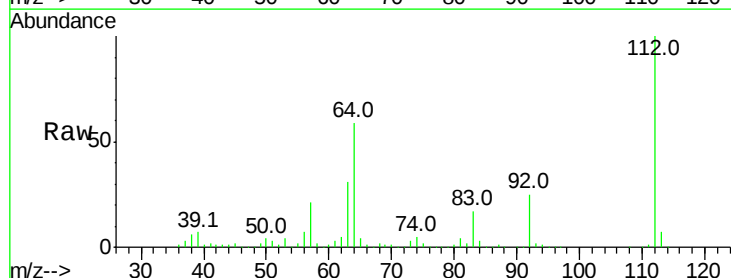
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



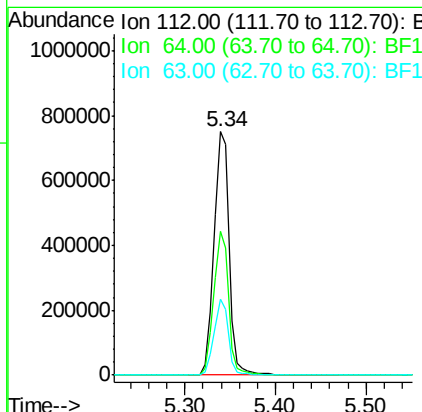
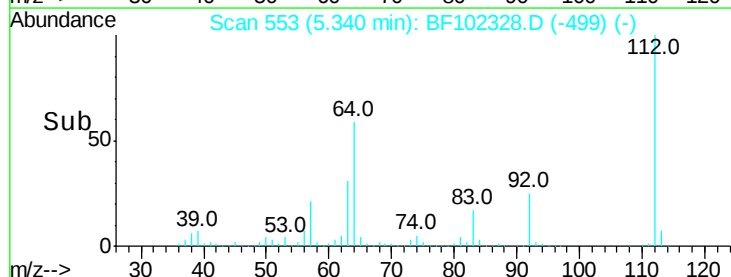
#5

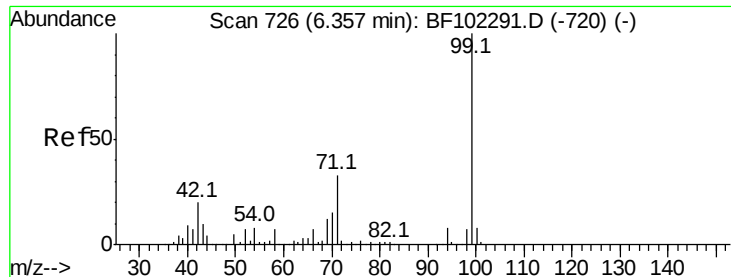
2-Fluorophenol
 Concen: 111.128 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	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





#7

Phenol-d6

Concen: 110.024 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

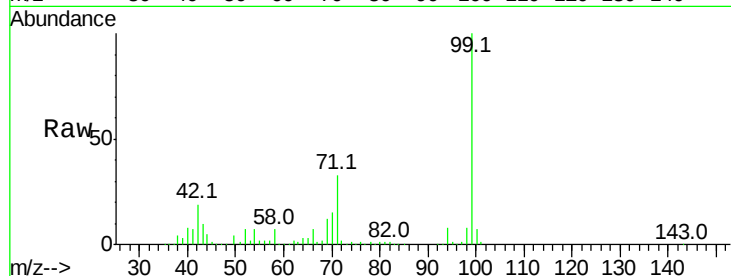
Tot Ion: 99 Resp: 1043358

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

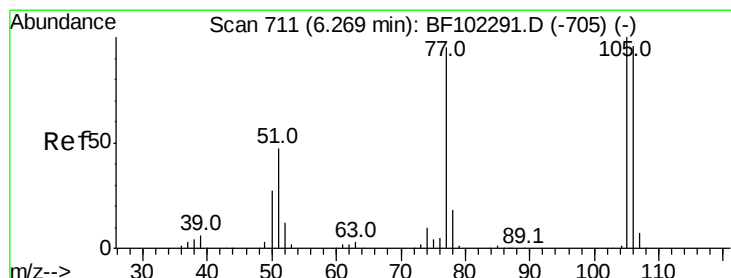
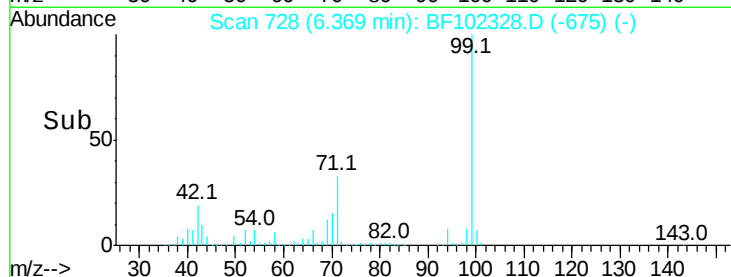
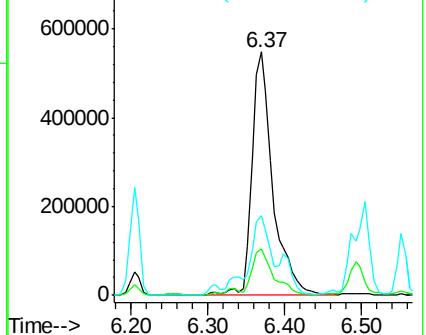
71 33.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.857 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

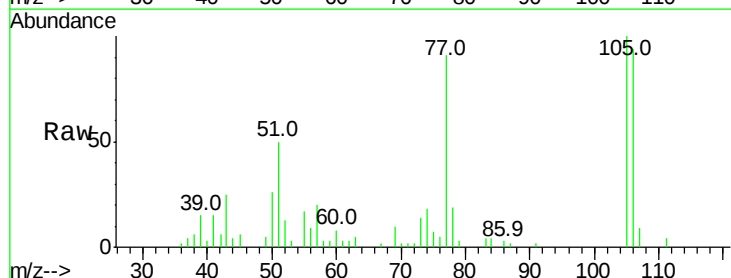
Tgt Ion: 77 Resp: 18809

Ion Ratio Lower Upper

77 100

105 109.8 81.1 121.1

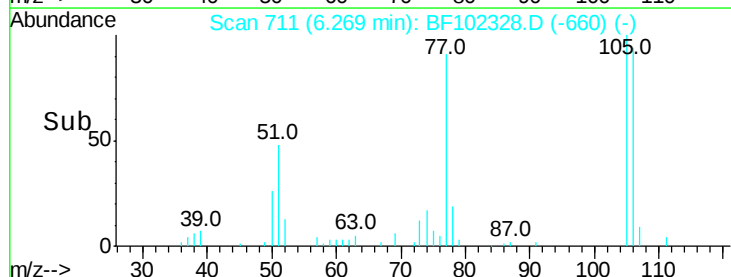
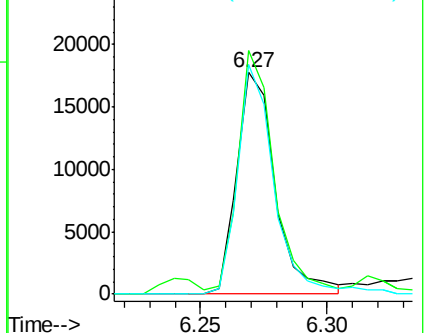
106 103.4 74.5 114.5

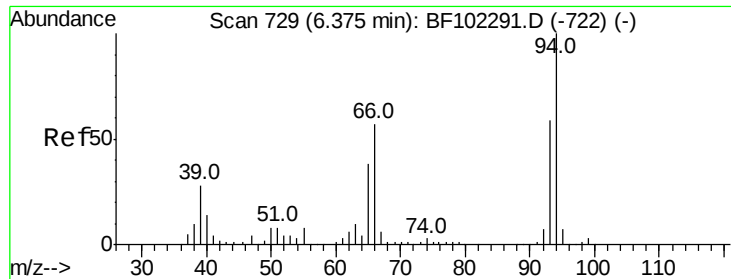


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 23.257 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

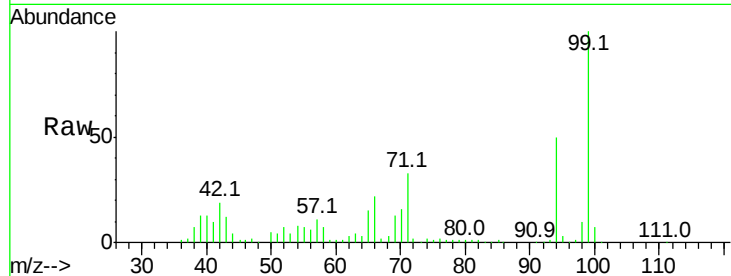
Tot Ion: 94 Resp: 240772

Ion Ratio Lower Upper

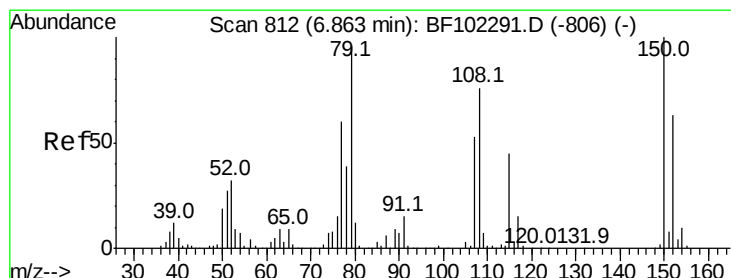
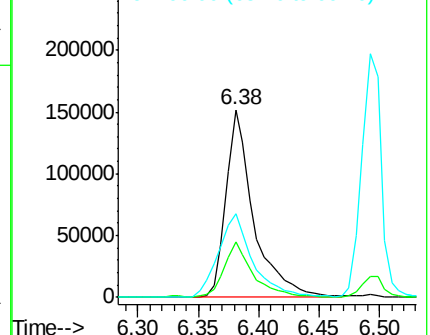
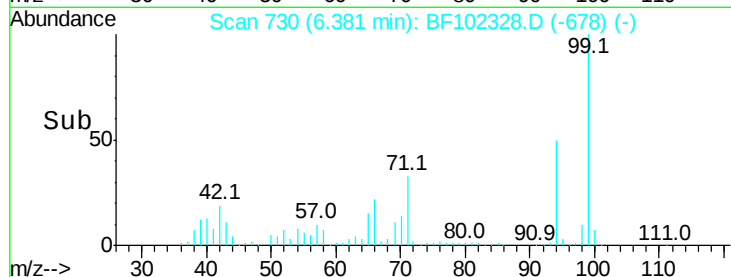
94 100

65 29.6 7.9 47.9

66 44.3 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



#15

Benzyl Alcohol

Concen: 573.172 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.07 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

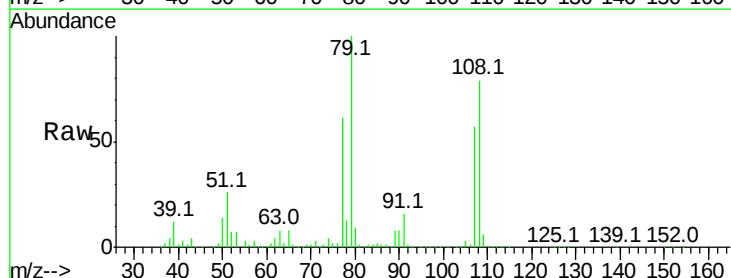
Tgt Ion: 79 Resp: 3835044

Ion Ratio Lower Upper

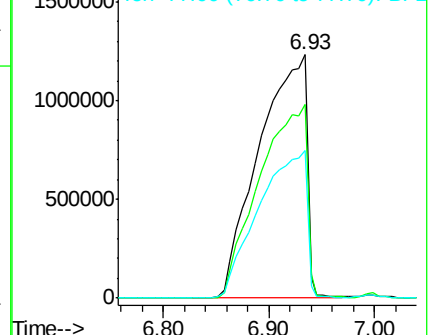
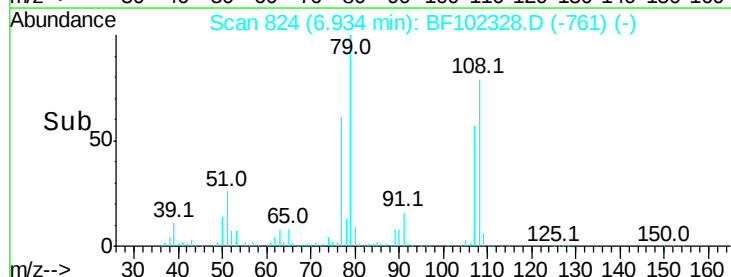
79 100

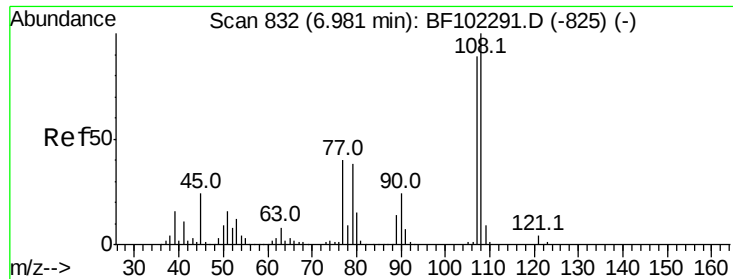
108 79.3 65.1 97.7

77 60.9 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





#17

2-Methylphenol

Concen: 300.769 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.05 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 2153838

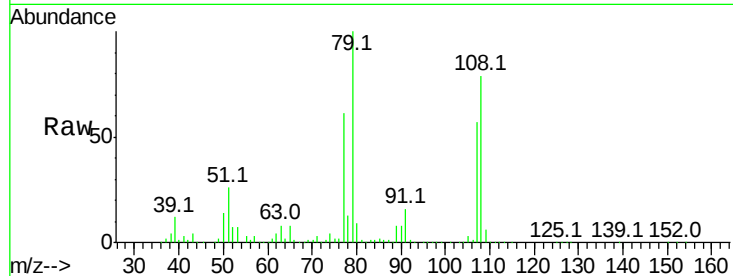
Ion Ratio Lower Upper

107 100

108 139.2 91.7 137.5#

77 106.9 33.8 50.8#

79 175.5 33.8 50.8#

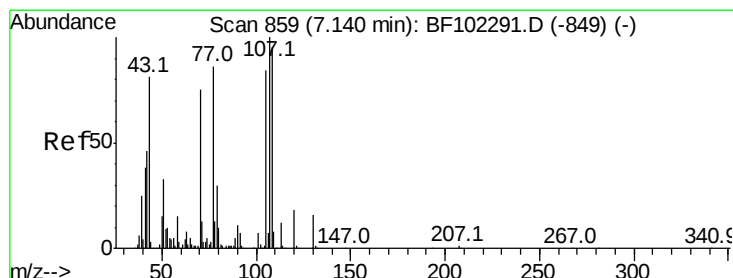
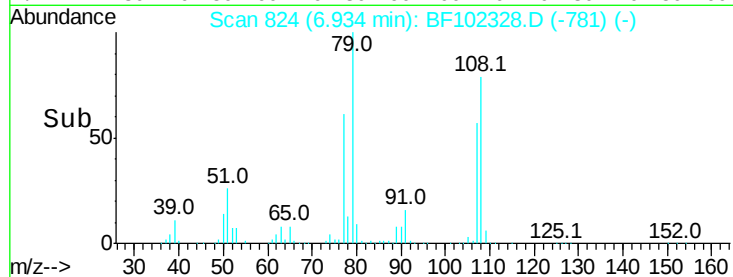
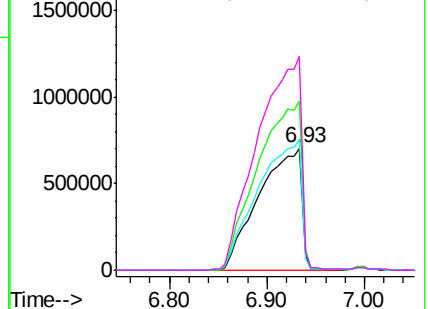


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 54.589 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Tgt Ion: 70 Resp: 316801

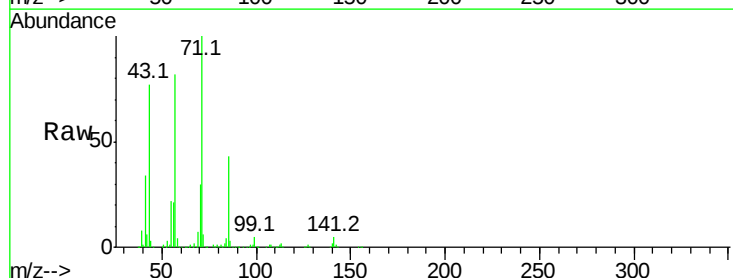
Ion Ratio Lower Upper

70 100

42 18.9 47.5 71.3#

101 0.2 7.4 11.2#

130 0.0 16.6 25.0#

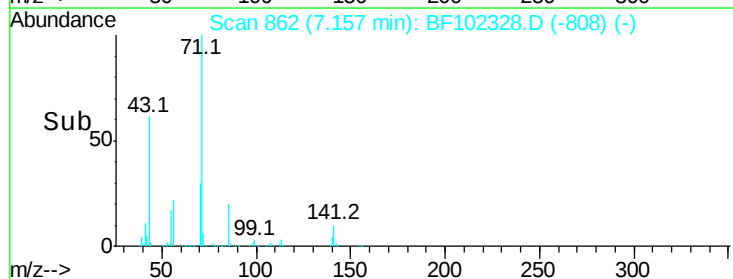
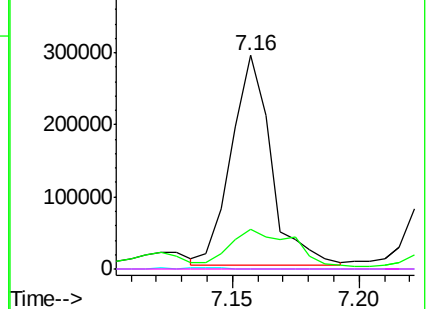


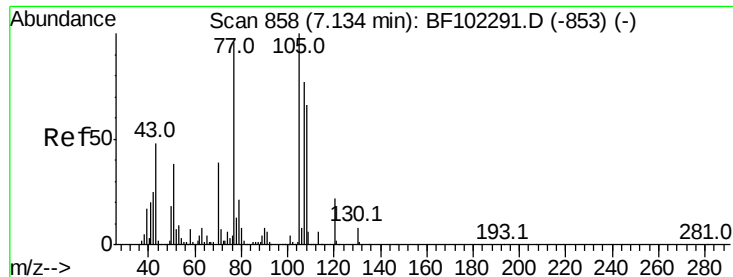
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

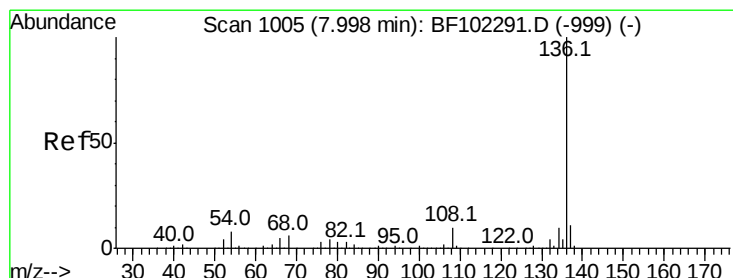
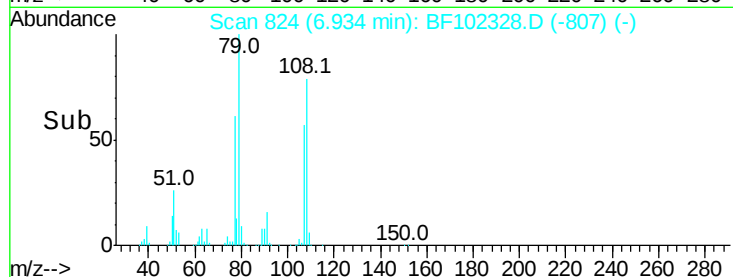
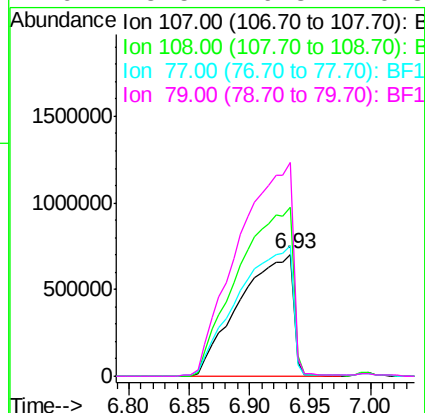
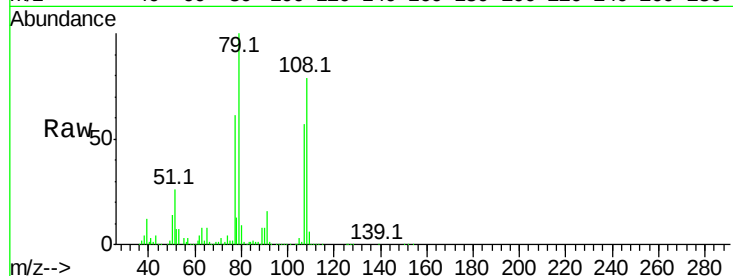




#20
3+4-Methylphenols
Concen: 254.749 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.20 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

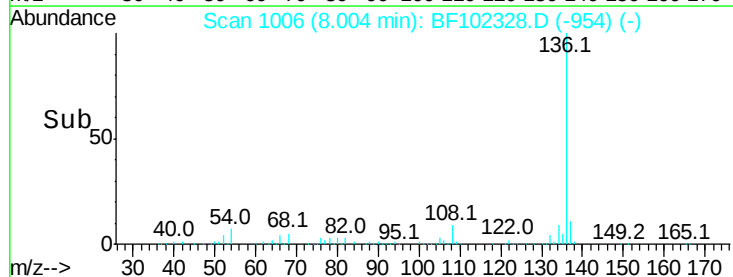
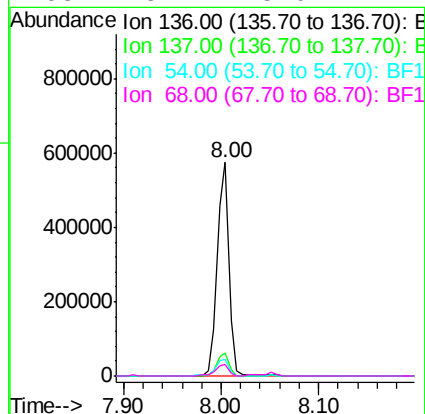
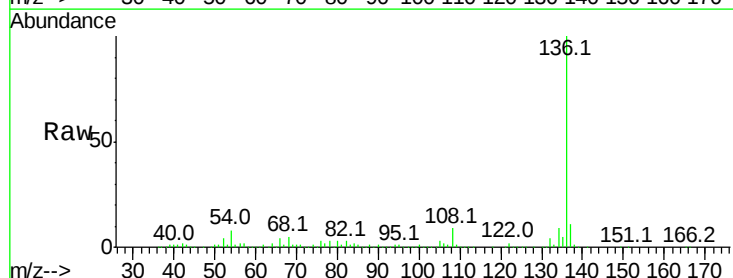
Instrument :
BNA_F
ClientSampleId :

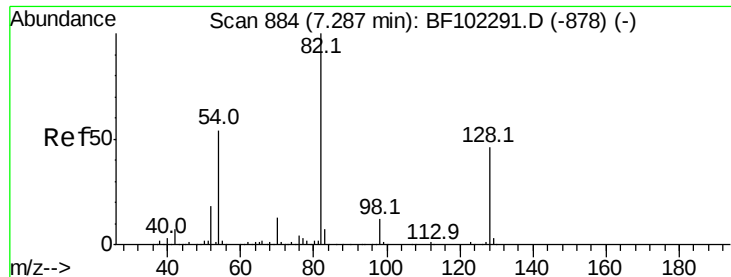
Tot Ion:107 Resp: 2145559
Ion Ratio Lower Upper
107 100
108 139.2 68.2 108.2#
77 106.9 26.7 66.7#
79 175.5 6.3 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Tgt Ion:136 Resp: 481348
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.6 6.6 9.8
68 5.2 5.0 7.4

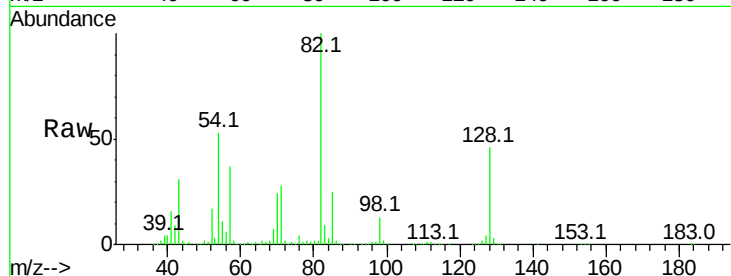




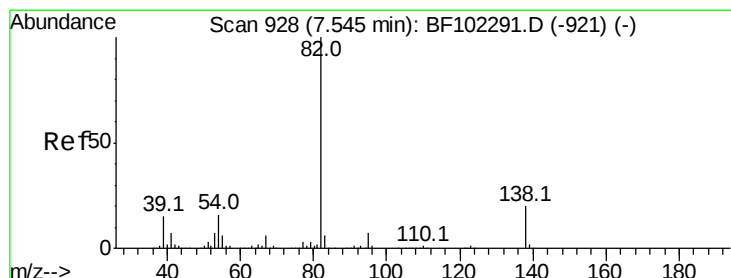
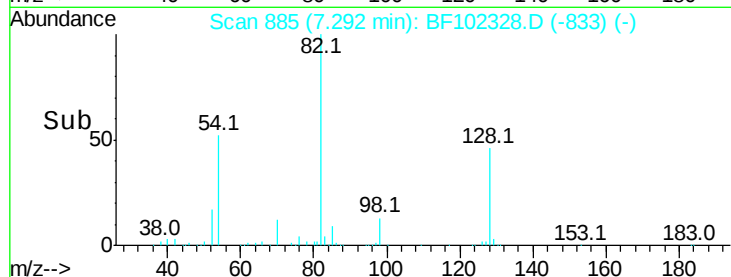
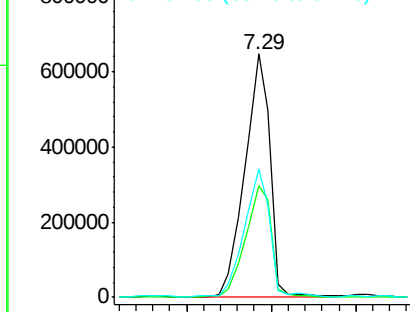
#23
 Nitrobenzene-d5
 Concen: 80.130 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 671178
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 52.5 41.4 62.2

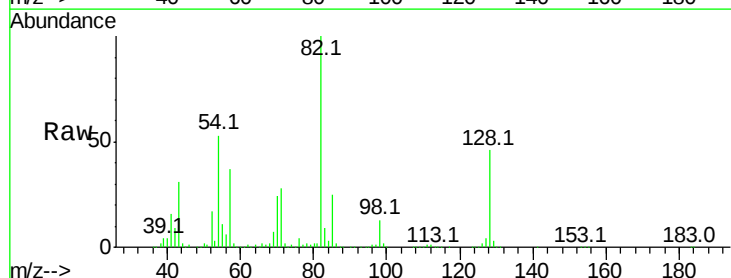


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

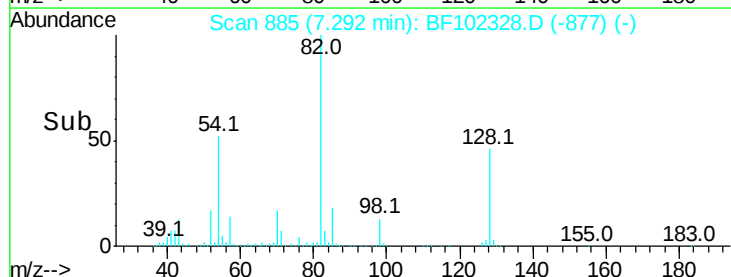
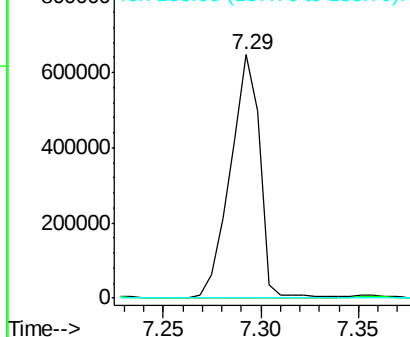


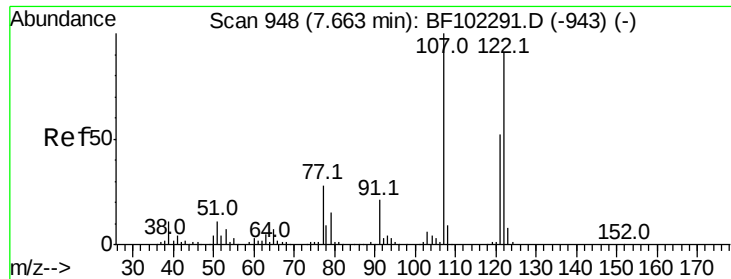
#25
 Isophorone
 Concen: 44.721 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.25 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Tgt Ion: 82 Resp: 667789
 Ion Ratio Lower Upper
 82 100
 95 0.3 5.2 7.8#
 138 0.0 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

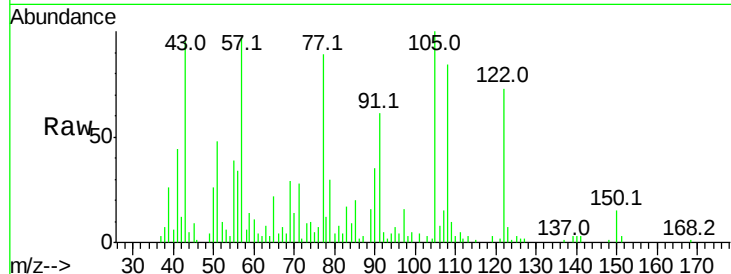




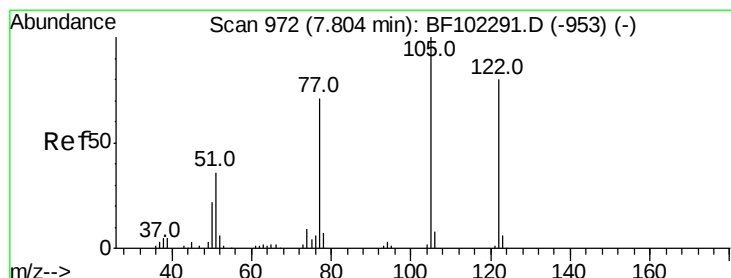
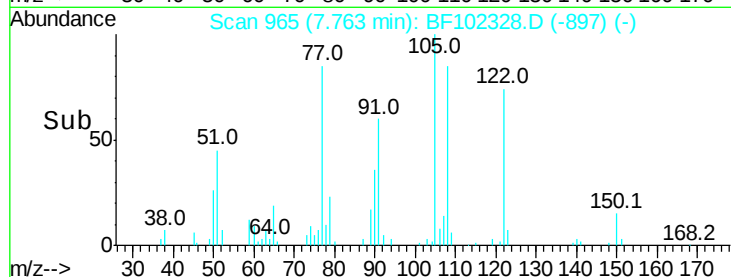
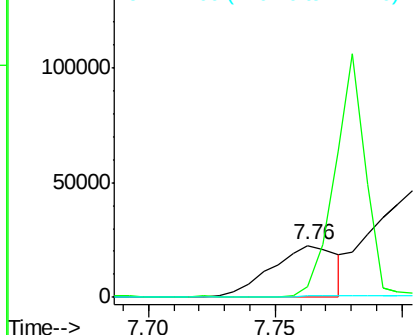
#27
2,4-Dimethylphenol
Concen: 6.259 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.10 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 41005
Ion Ratio Lower Upper
122 100
107 20.9 91.2 136.8#
121 2.4 47.2 70.8#

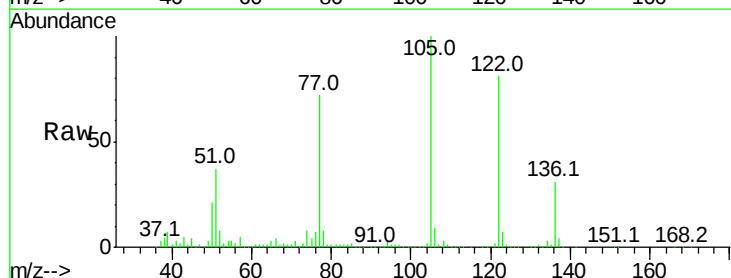


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

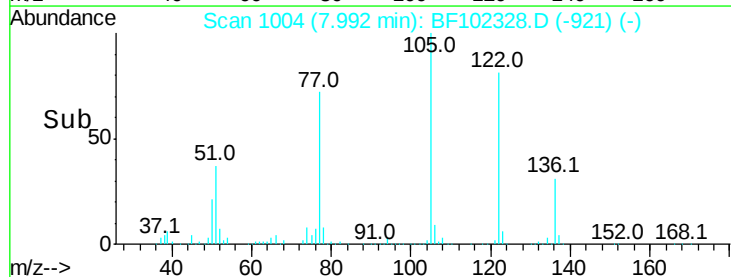
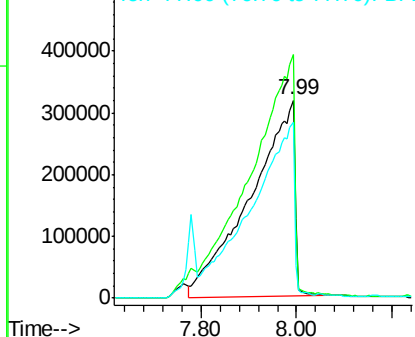


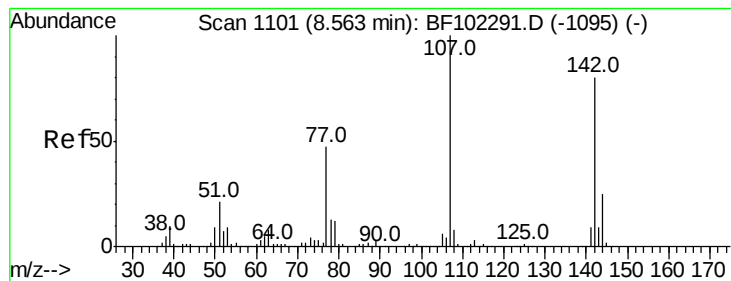
#32
Benzoic acid
Concen: 367.844 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.19 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Tgt Ion:122 Resp: 2018895
Ion Ratio Lower Upper
122 100
105 123.2 101.1 141.1
77 89.2 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





#36

4-Chloro-3-methylphenol

Concen: 2.781 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

Instrument :

BNA_F

ClientSampleId :

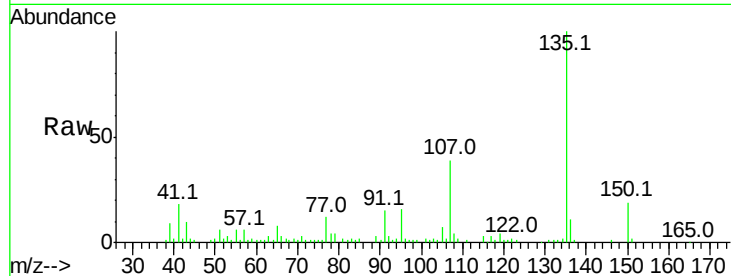
Tot Ion:107 Resp: 19560

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

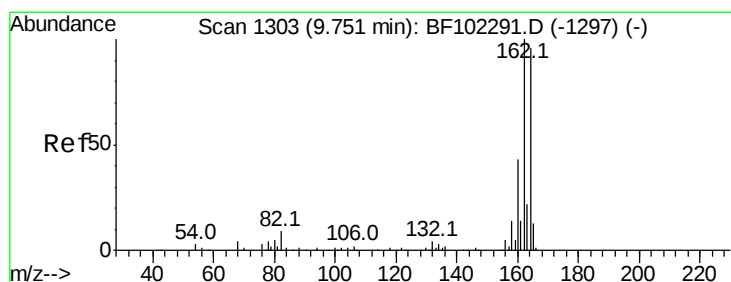
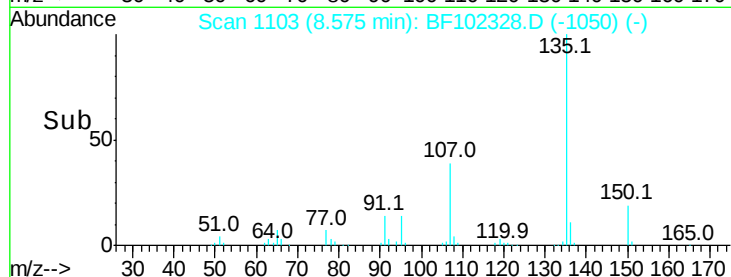
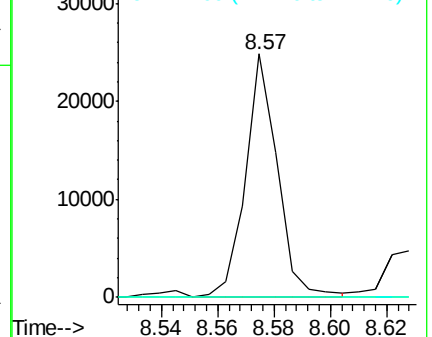
142 0.0 62.0 93.0#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102328.D

Acq: 23 Jan 2018 6:30

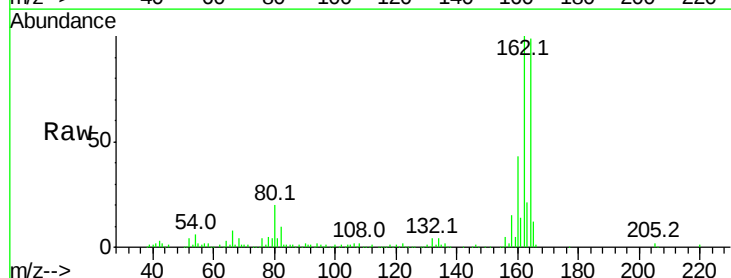
Tgt Ion:164 Resp: 192523

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

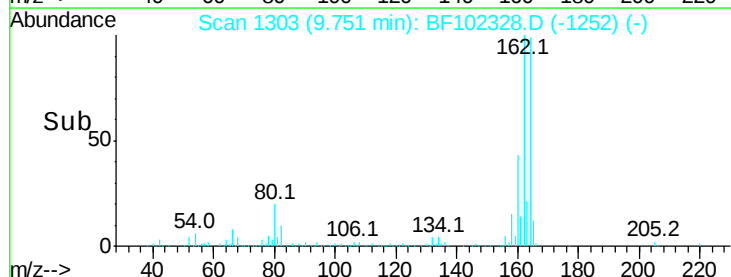
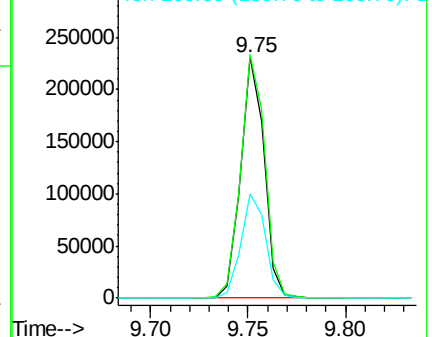
160 43.5 38.3 57.5

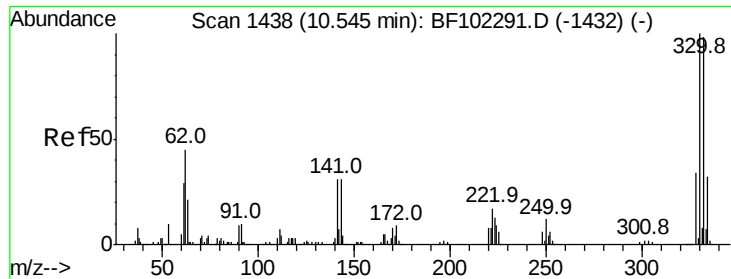


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

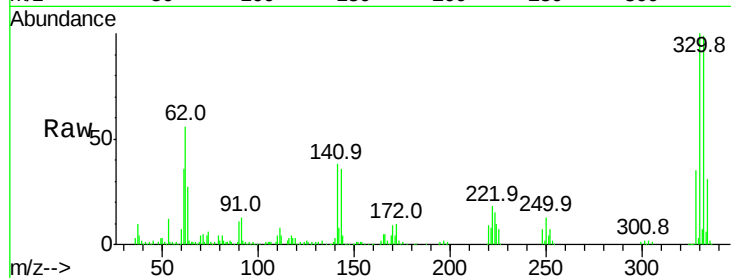




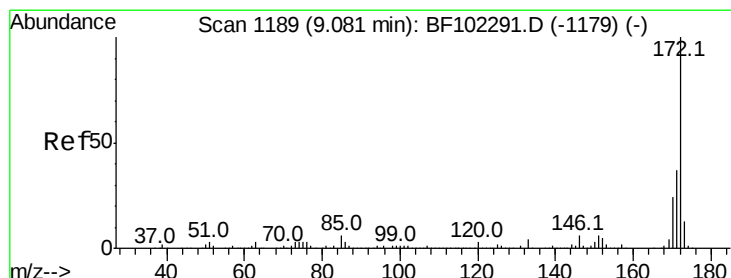
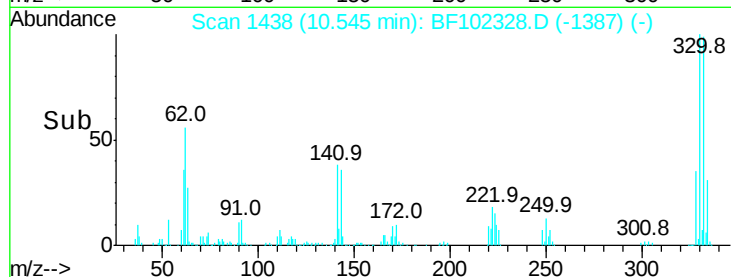
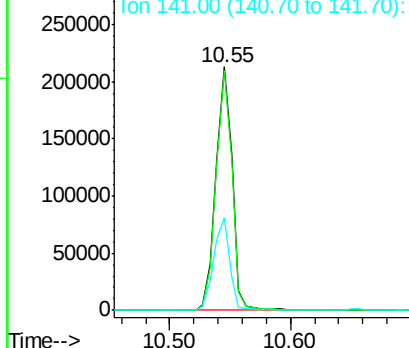
#41
 2,4,6-Tribromophenol
 Concen: 102.926 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 196345
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 38.6 29.9 44.9

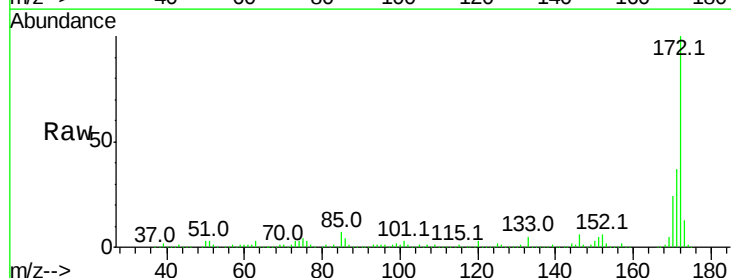


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

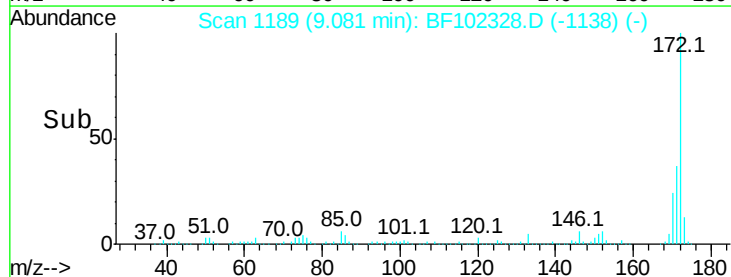
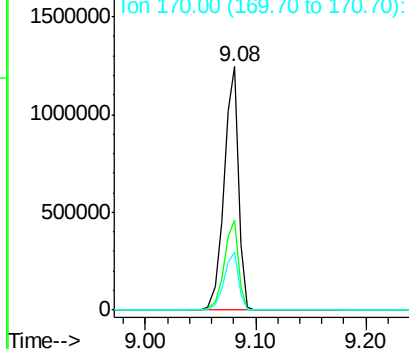


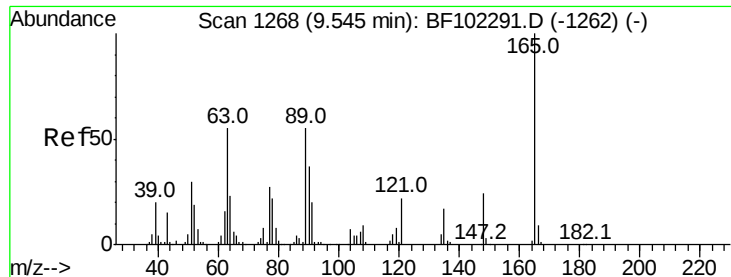
#44
 2-Fluorobiphenyl
 Concen: 86.935 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Tgt Ion:172 Resp: 1138298
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 23.7 19.6 29.4



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

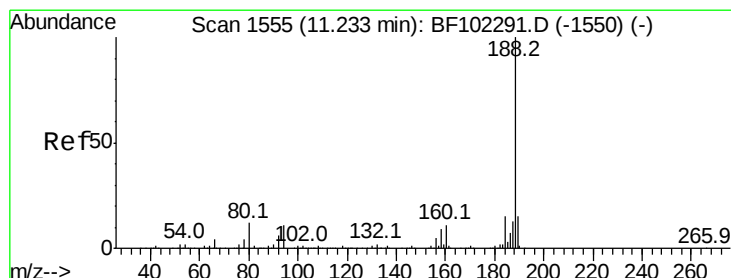
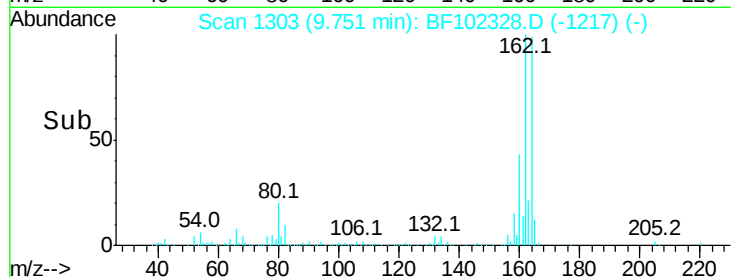
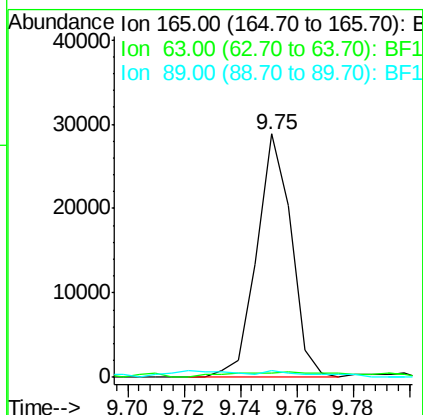
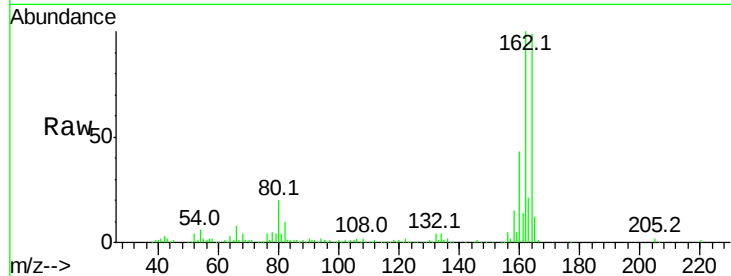




#50
 2,6-Dinitrotoluene
 Concen: 7.103 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

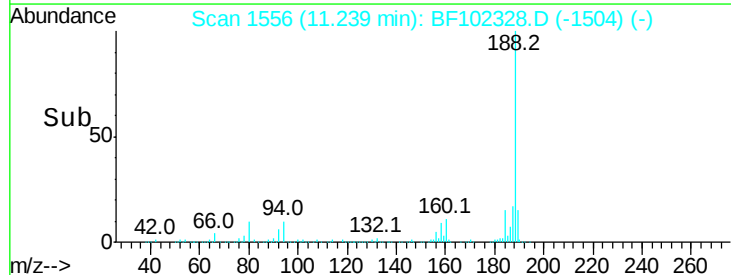
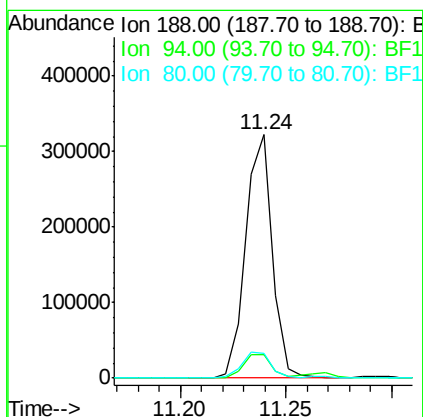
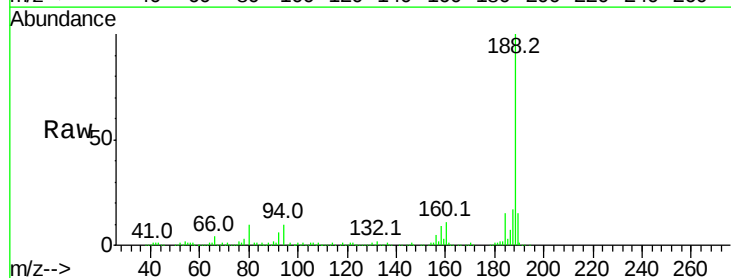
Instrument :
 BNA_F
 ClientSampleId :

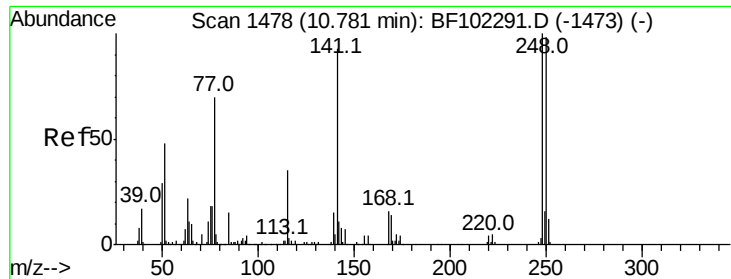
Tot Ion:165 Resp: 24371
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 2.8 44.0 66.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Tgt Ion:188 Resp: 279959
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 9.9 9.2 13.8

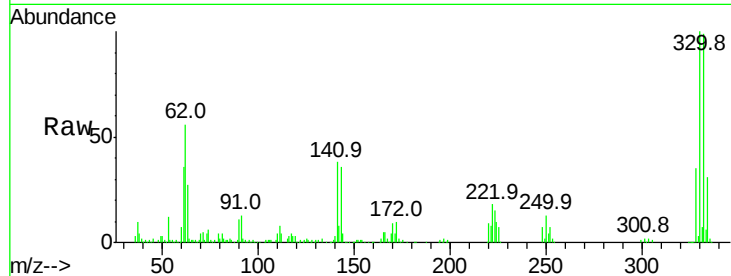




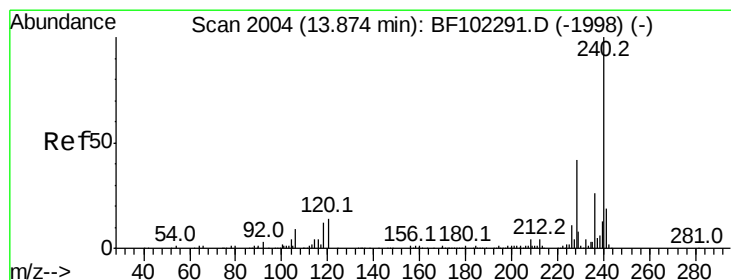
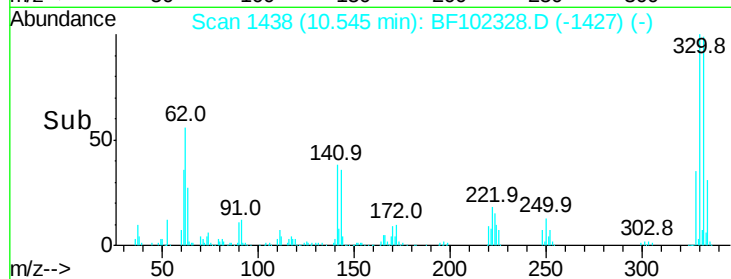
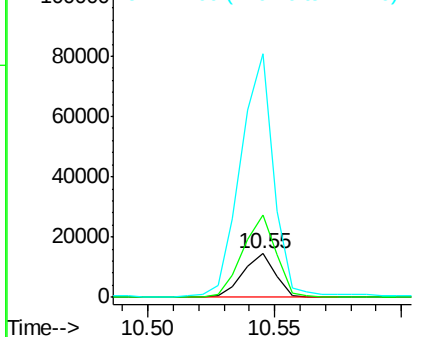
#66
 4-Bromophenyl-phenylether
 Concen: 4.356 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13127
 Ion Ratio Lower Upper
 248 100
 250 190.3 76.9 115.3#
 141 561.6 74.4 111.6#

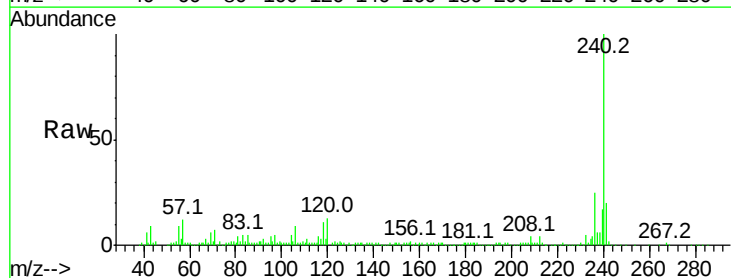


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

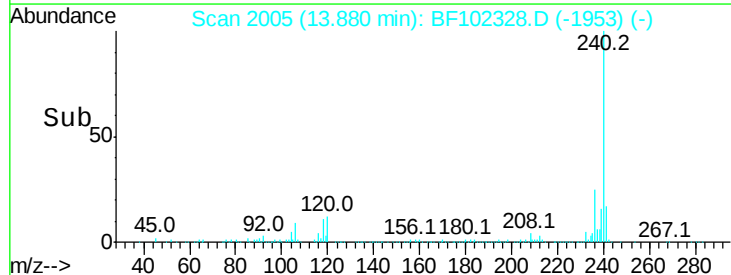
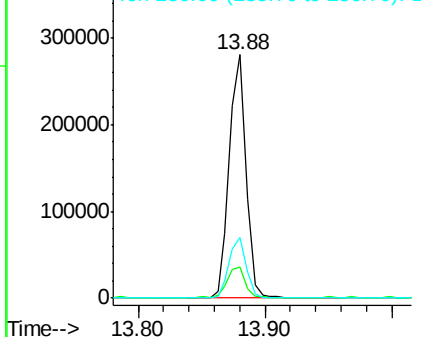


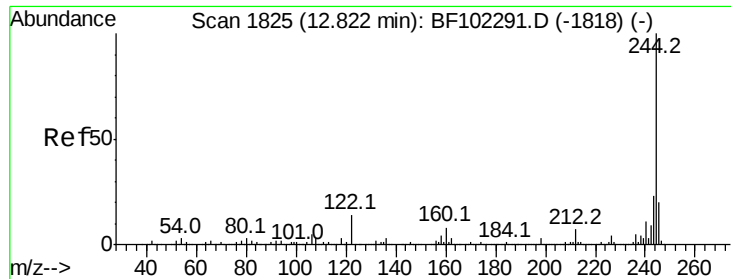
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Tgt Ion:240 Resp: 256454
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.0 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

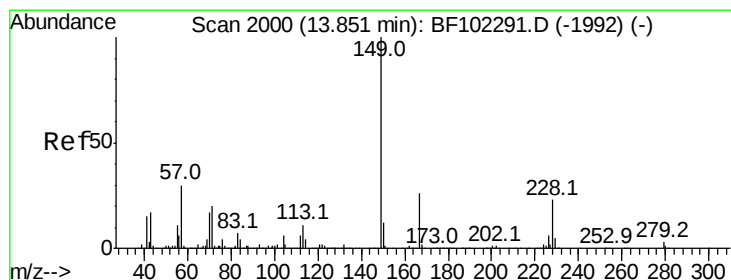
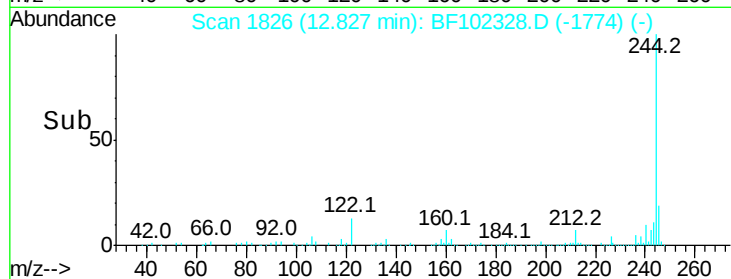
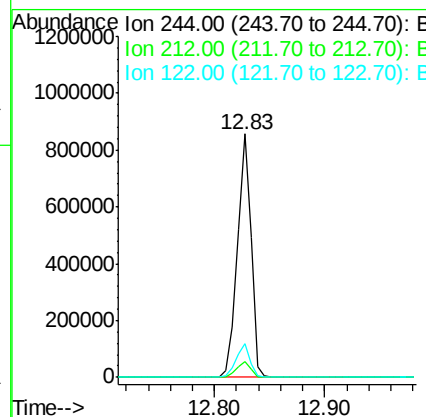
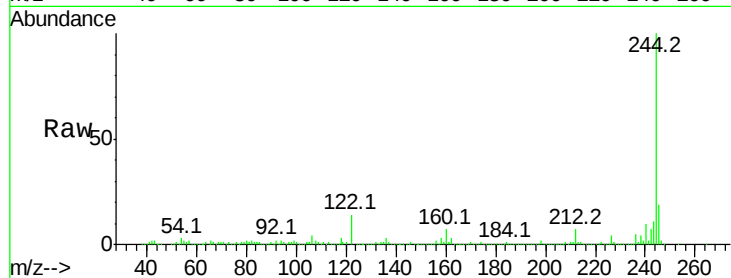




#78
 Terphenyl-d14
 Concen: 66.041 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

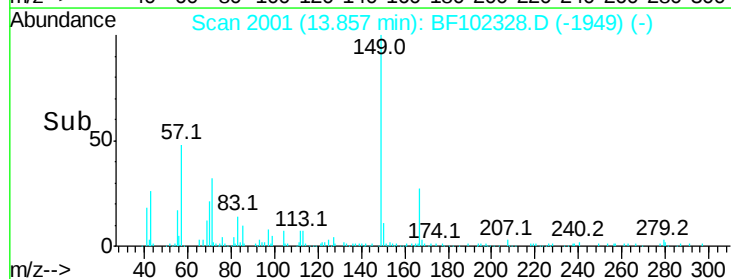
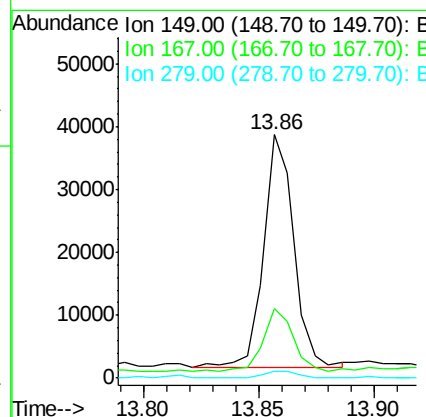
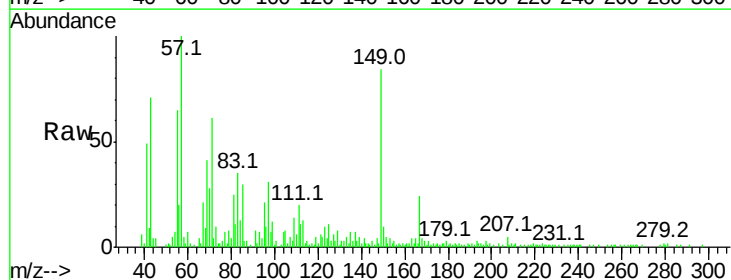
Instrument :
 BNA_F
 ClientSampleId :

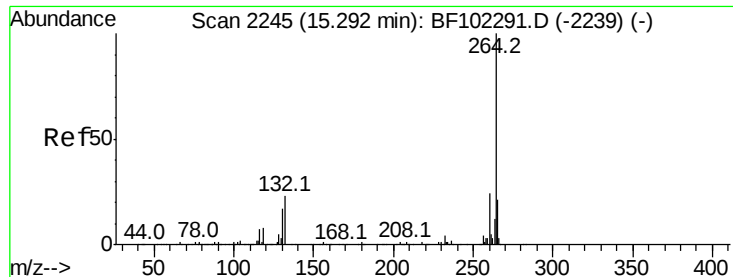
Tot Ion:244 Resp: 751278
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.8 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.535 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102328.D
 Acq: 23 Jan 2018 6:30

Tgt Ion:149 Resp: 33619
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 2.8 3.0 4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102328.D
Acq: 23 Jan 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3

