

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102258.D
 Acq On : 20 Jan 2018 11:49
 Operator : SJ/JU
 Sample : J1114-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

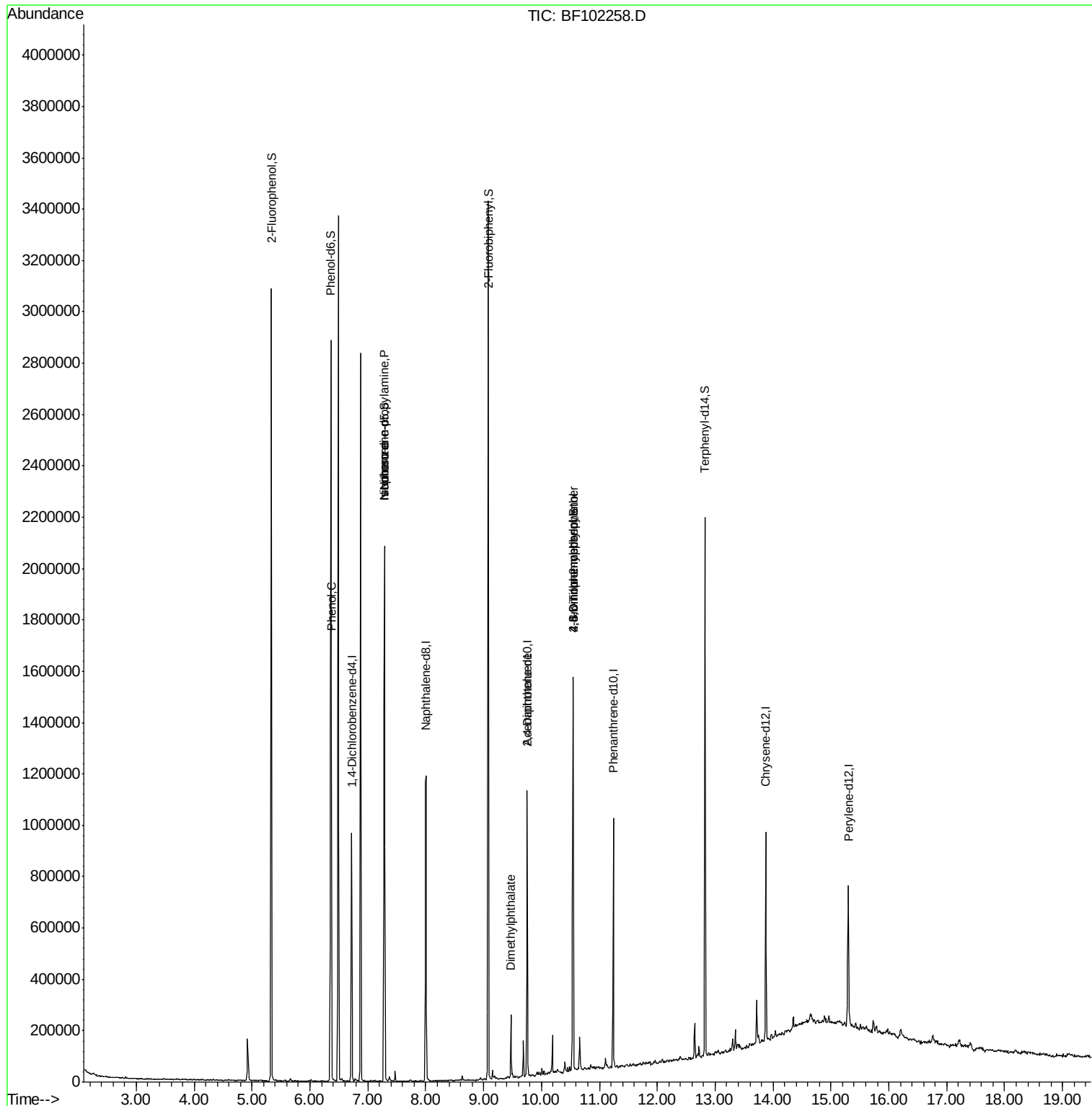
Quant Time: Jan 22 01:20:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

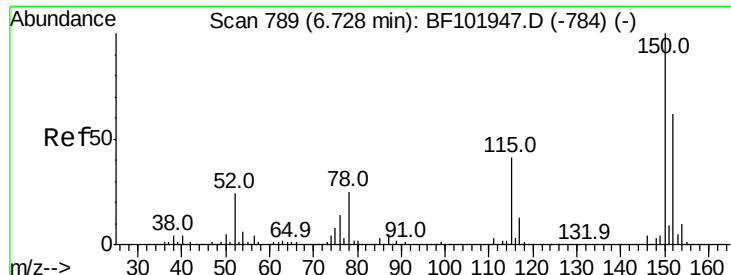
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146027	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	568851	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	229536	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	323824	20.00	ng	0.00
75) Chrysene-d12	13.87	240	265378	20.00	ng	0.00
86) Perylene-d12	15.30	264	236634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	925317	89.48	ng	0.00
7) Phenol-d6	6.36	99	1082503	87.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	664600	68.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	178535	89.13	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1045367	71.15	ng	0.00
78) Terphenyl-d14	12.82	244	678417	53.08	ng	0.00
Target Compounds						
10) Phenol	6.37	94	38103	2.733	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	87543	10.827	ng	# 79
25) Isophorone	7.29	82	664593	34.746	ng	# 64
49) Dimethylphthalate	9.47	163	91688	4.979	ng	98
56) 2,4-Dinitrotoluene	9.75	165	29339	6.364	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	378	5.852	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	11334	3.314	ng	# 1

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

```
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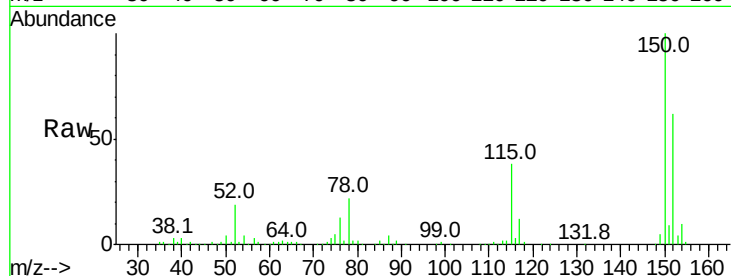


#1

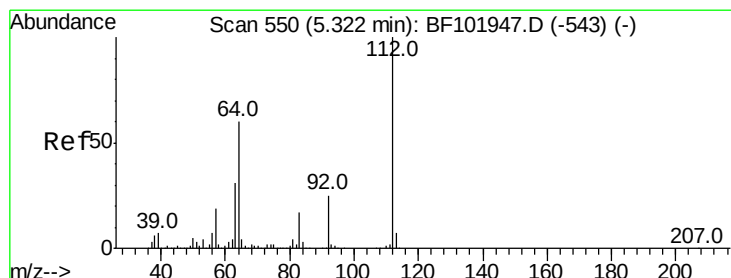
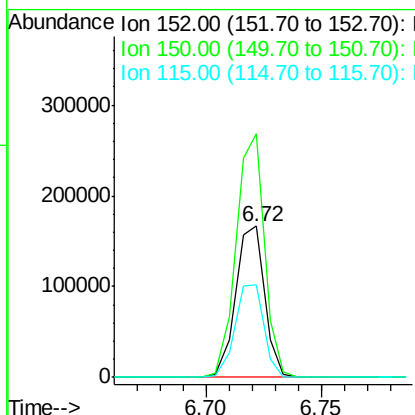
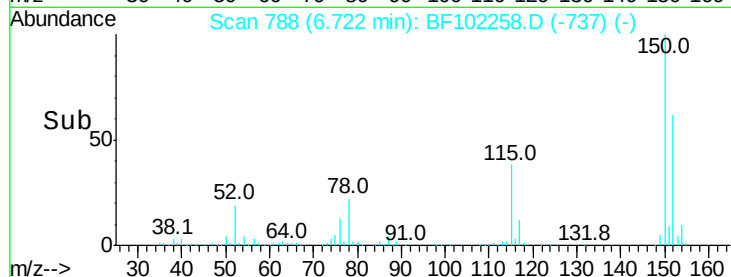
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	60.8	50.1	75.1



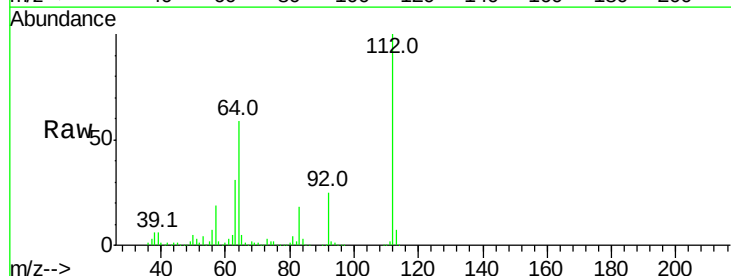
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



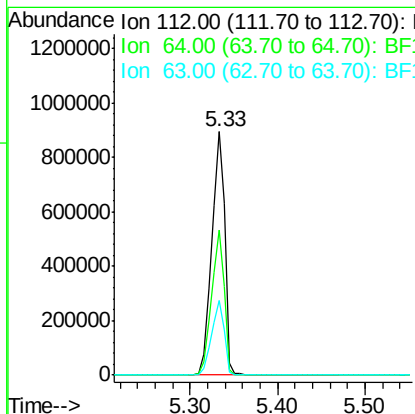
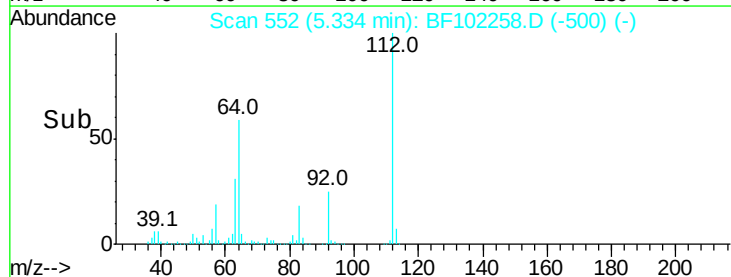
#5

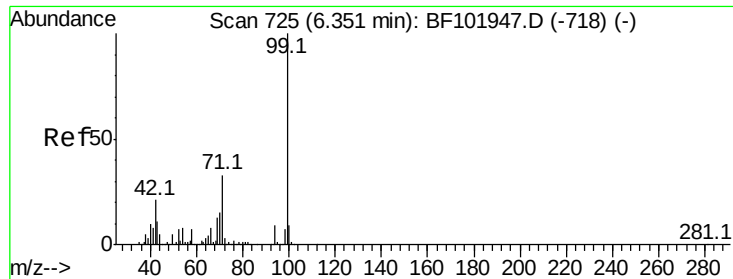
2-Fluorophenol
Concen: 89.478 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.7	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: 87.736 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

Instrument :

BNA_F

ClientSampleId :

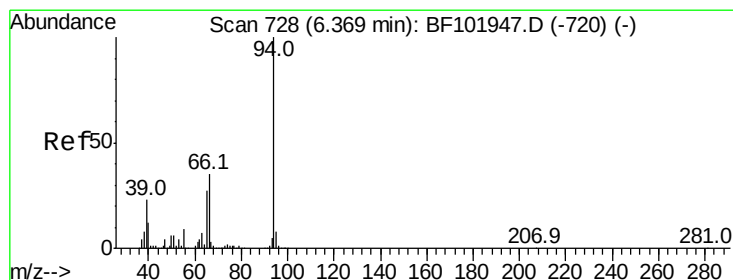
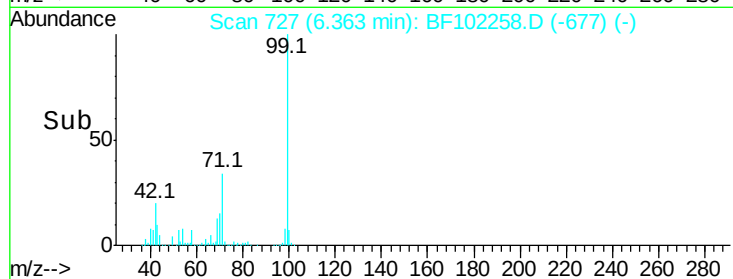
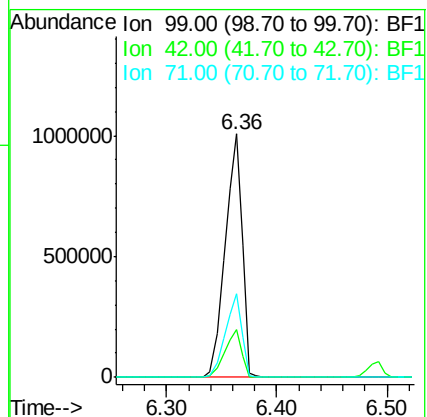
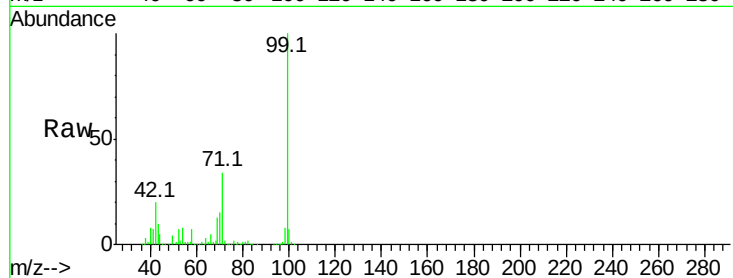
Tot Ion: 99 Resp: 1082503

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 2.733 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

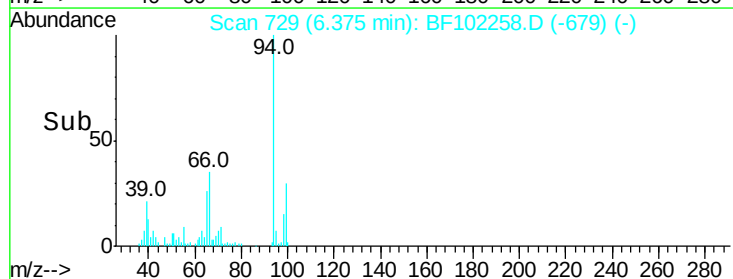
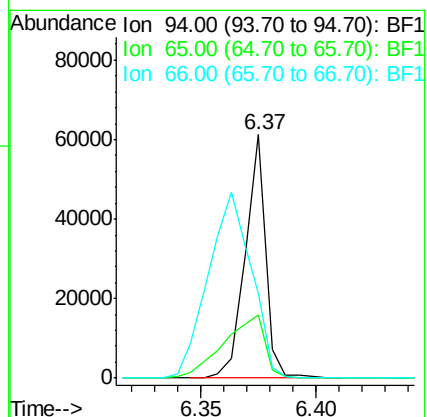
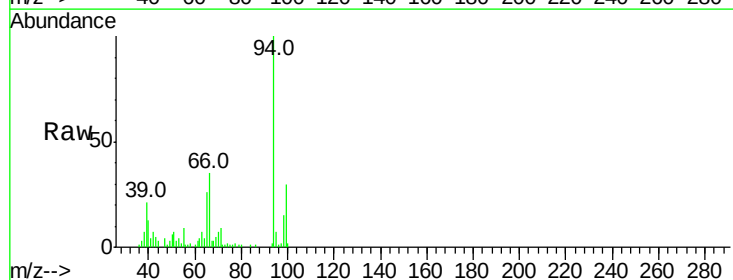
Tgt Ion: 94 Resp: 38103

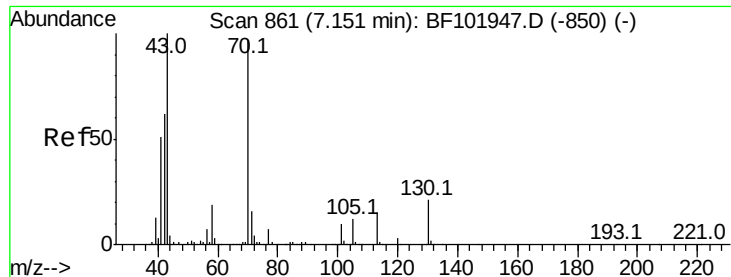
Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 34.8 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 10.827 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 87543

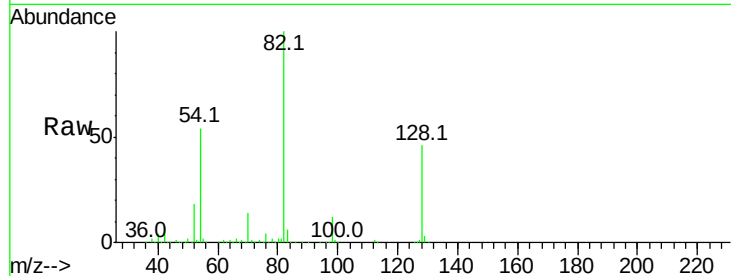
Ion Ratio Lower Upper

70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

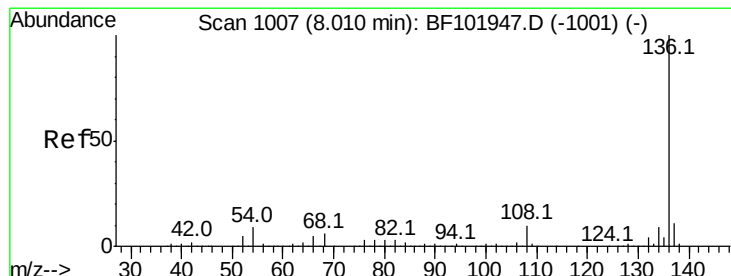
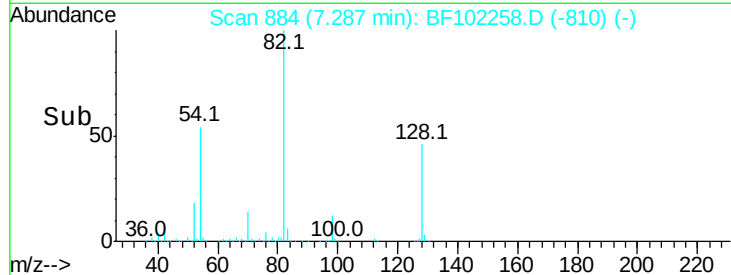
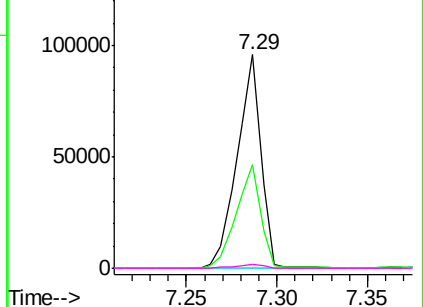


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

Tgt Ion:136 Resp: 568851

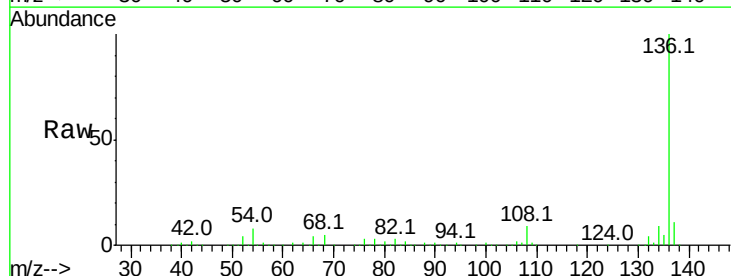
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 5.1 5.0 7.4

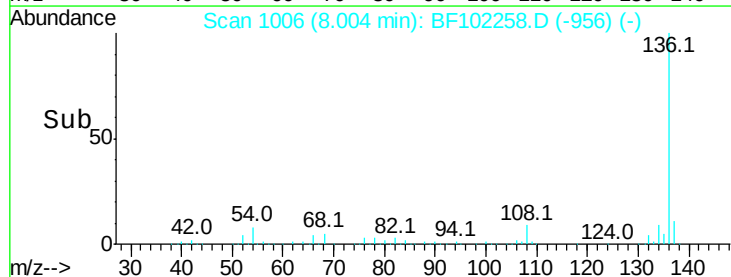
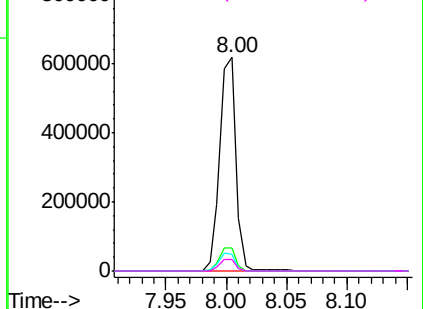


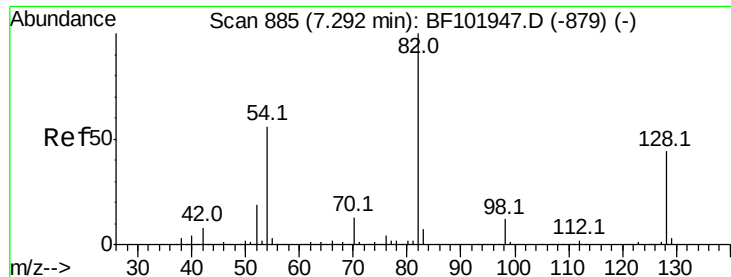
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

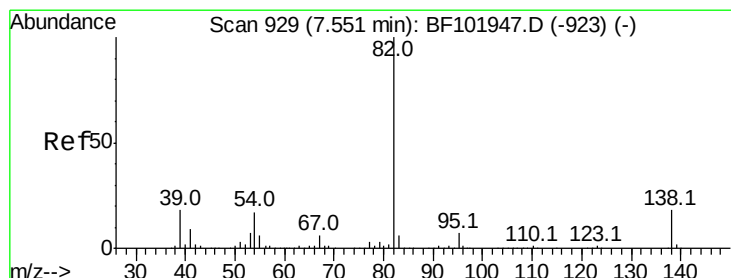
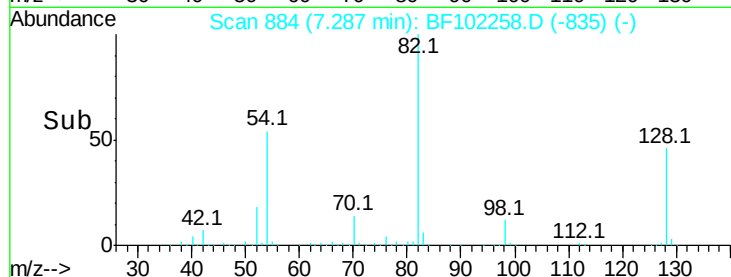
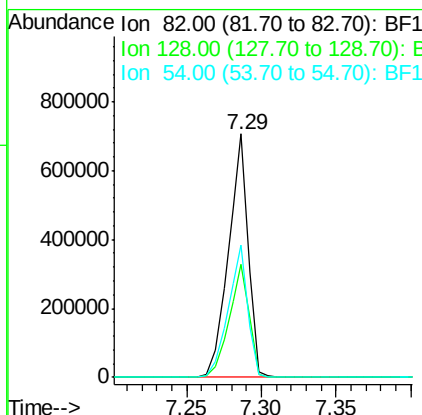
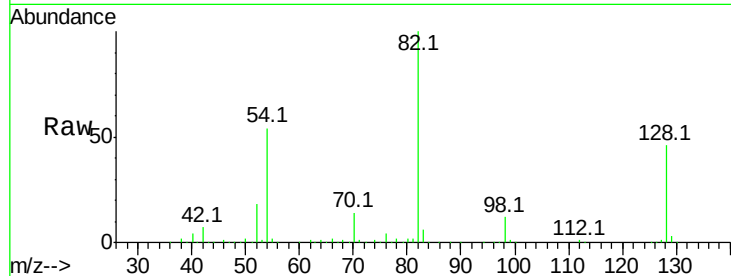




#23
 Nitrobenzene-d5
 Concen: 68.655 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102258.D
 Acq: 20 Jan 2018 11:49

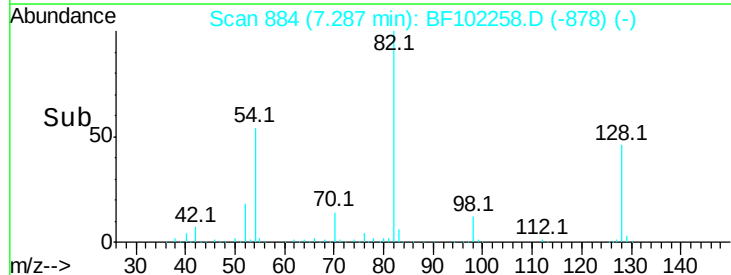
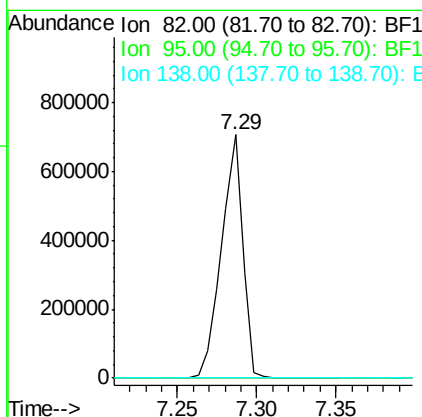
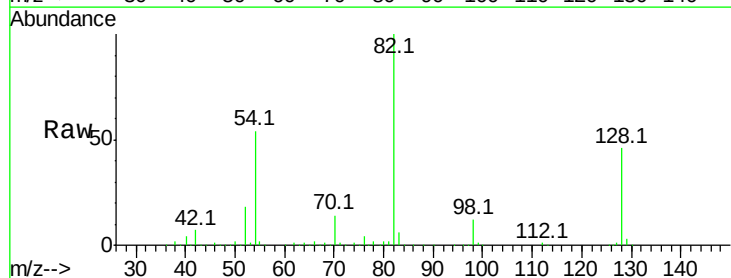
Instrument :
 BNA_F
 ClientSampleId :

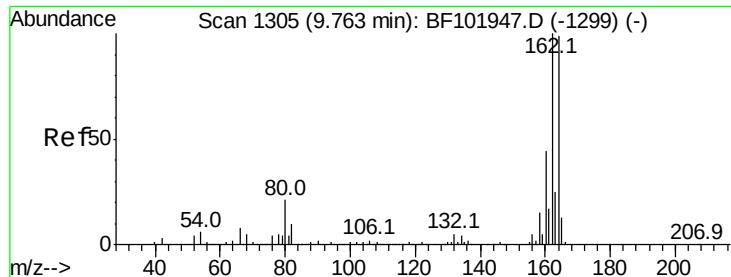
Tot Ion: 82 Resp: 664600
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 54.3 41.4 62.2



#25
 Isophorone
 Concen: 34.746 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102258.D
 Acq: 20 Jan 2018 11:49

Tgt Ion: 82 Resp: 664593
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

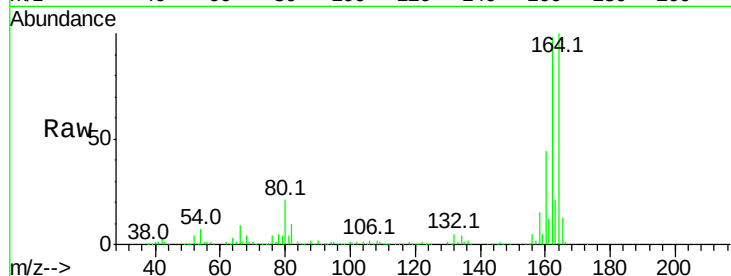




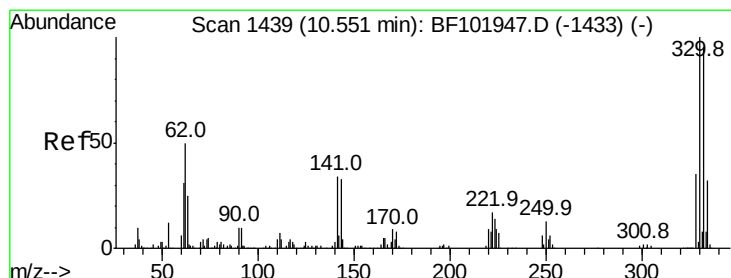
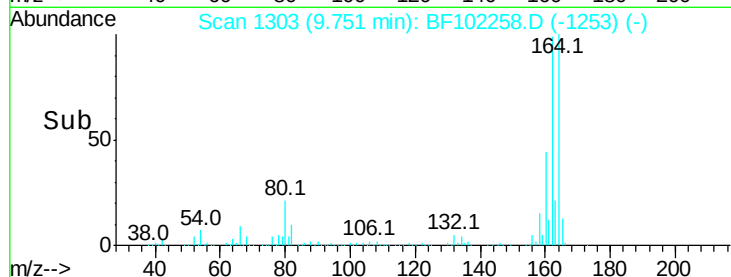
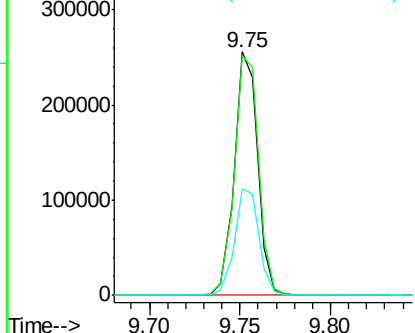
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102258.D
 Acq: 20 Jan 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 229536
 Ion Ratio Lower Upper
 164 100
 162 98.4 86.1 129.1
 160 43.9 38.3 57.5

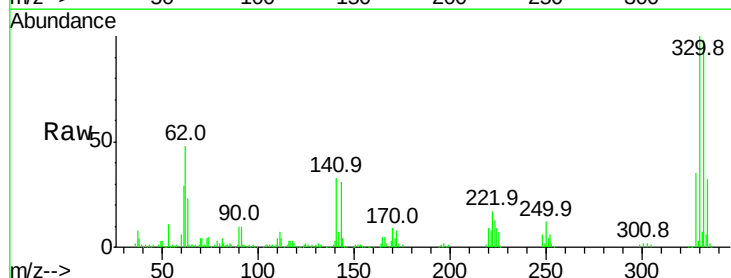


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

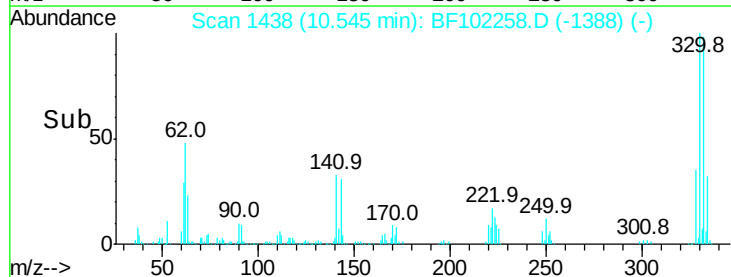
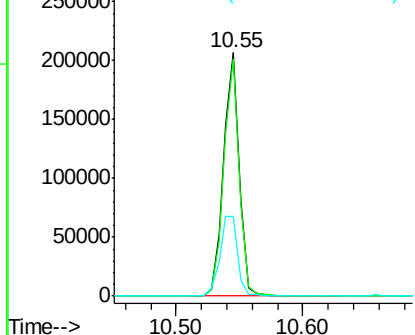


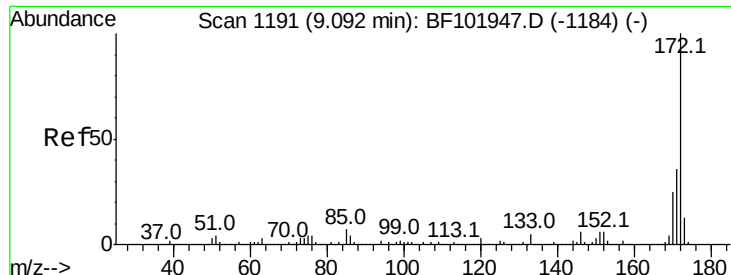
#41
 2,4,6-Tribromophenol
 Concen: 89.128 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102258.D
 Acq: 20 Jan 2018 11:49

Tgt Ion:330 Resp: 178535
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 38.7 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

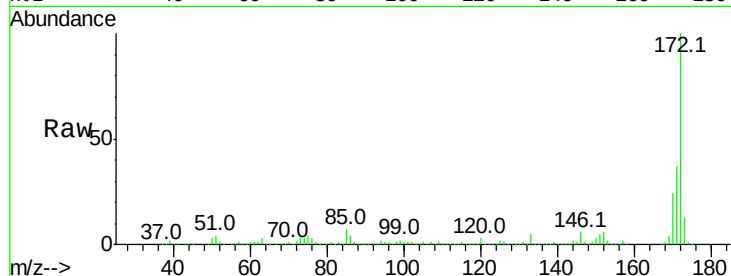




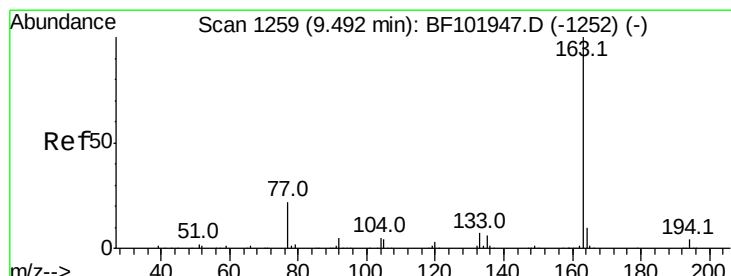
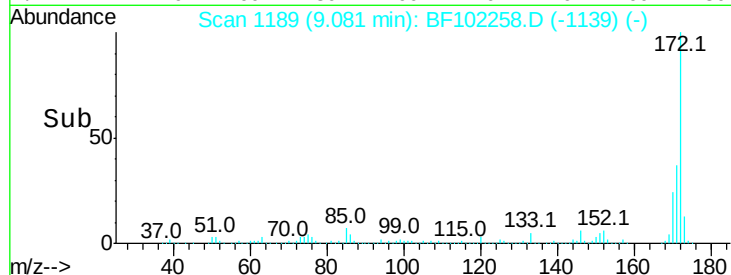
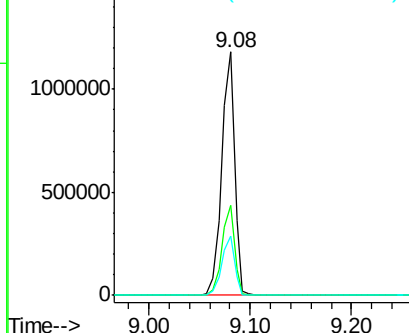
#44
2-Fluorobiphenyl
Concen: 71.150 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1045367
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.3 19.6 29.4

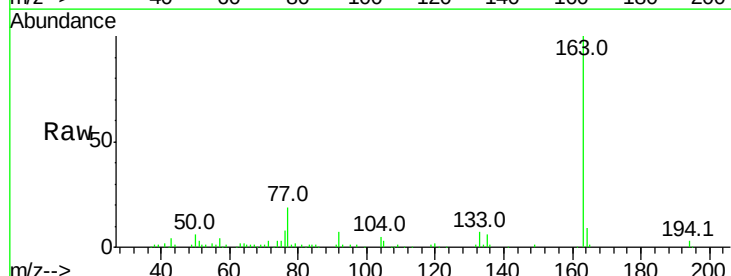


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

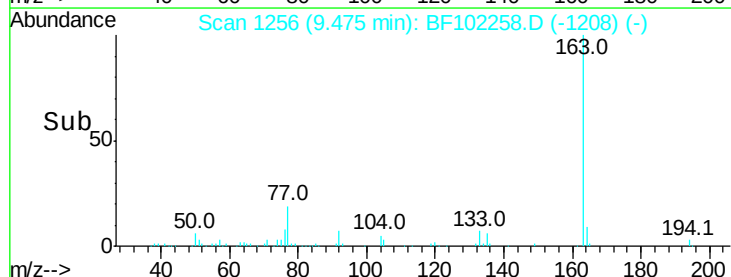
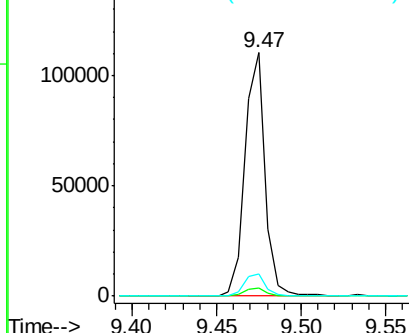


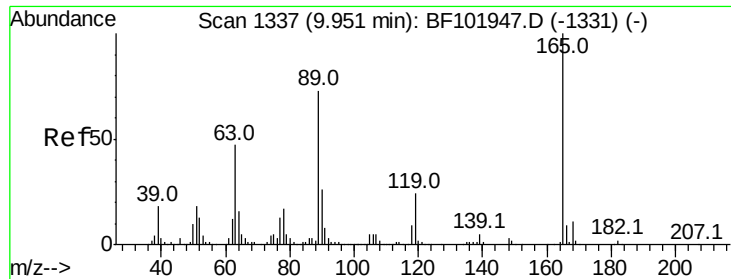
#49
Dimethylphthalate
Concen: 4.979 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Tgt Ion:163 Resp: 91688
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.2 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

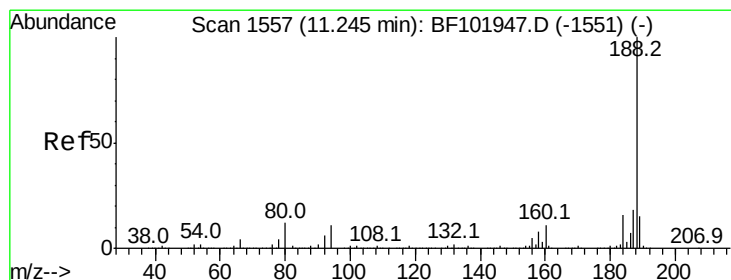
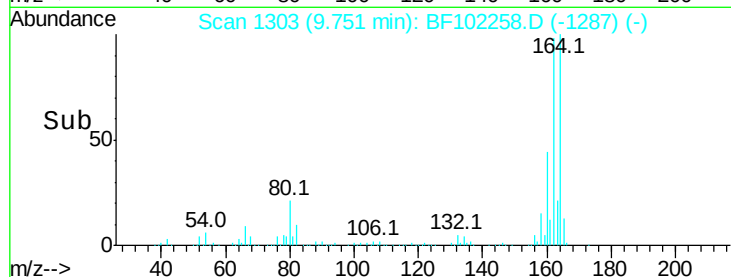
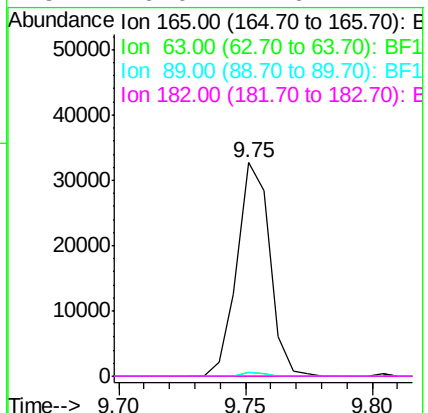
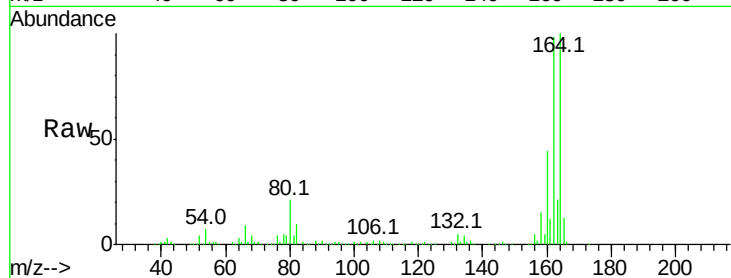




#56
2,4-Dinitrotoluene
Concen: 6.364 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

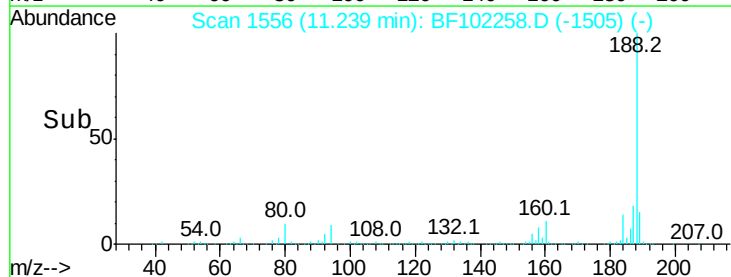
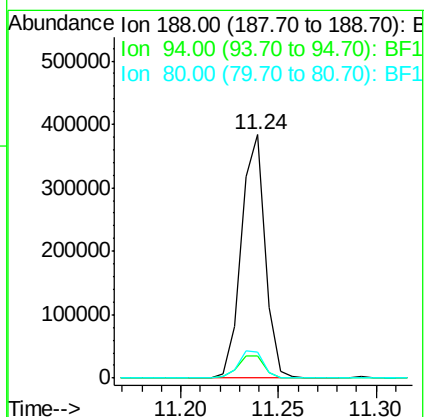
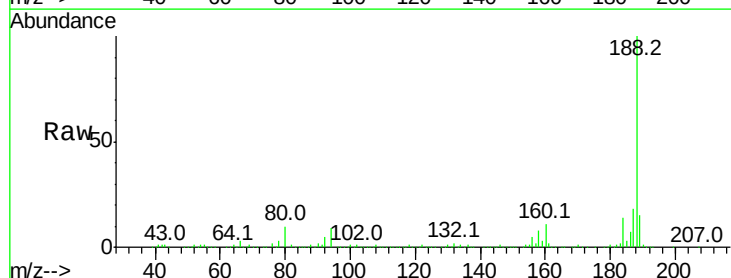
Instrument :
BNA_F
ClientSampled :

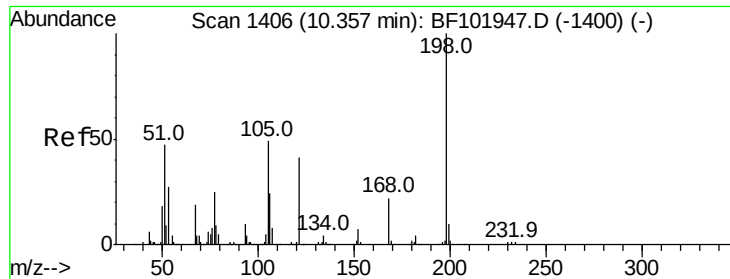
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.5	9.2	13.8

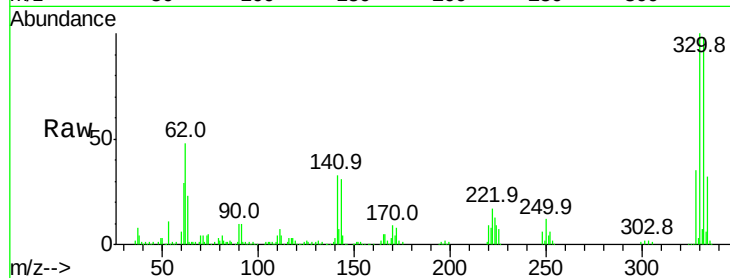




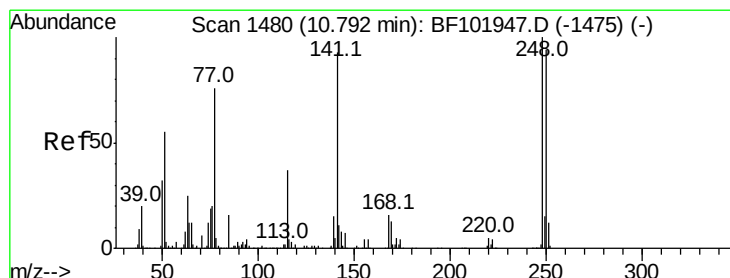
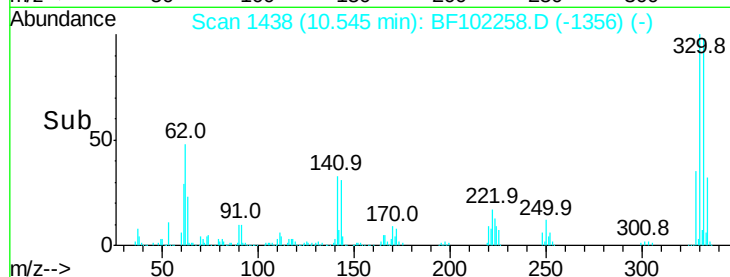
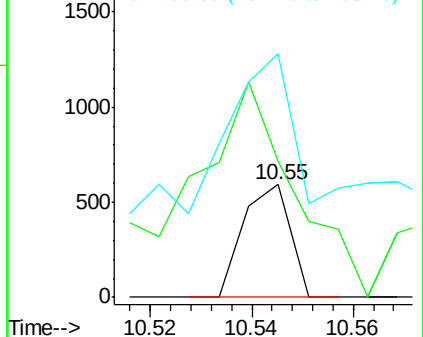
#64
4,6-Dinitro-2-methylphenol
Concen: 5.852 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 378
Ion Ratio Lower Upper
198 100
51 120.5 37.7 77.7#
105 215.3 36.3 76.3#

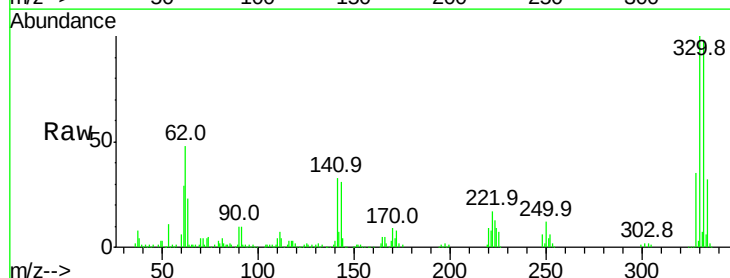


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

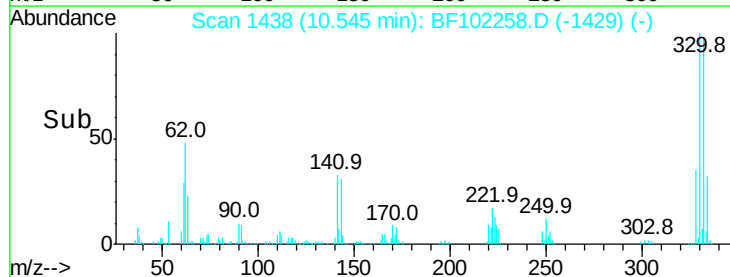
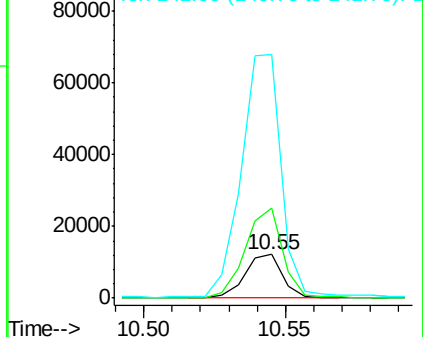


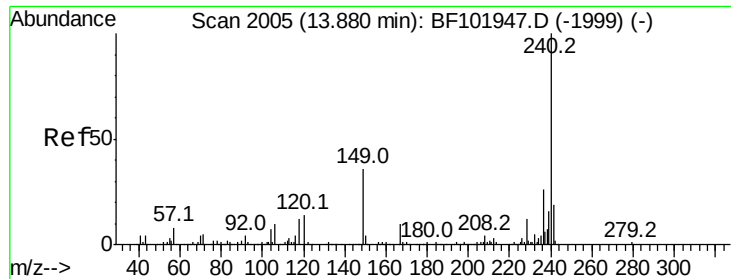
#66
4-Bromophenyl-phenylether
Concen: 3.314 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Tgt Ion:248 Resp: 11334
Ion Ratio Lower Upper
248 100
250 204.5 76.9 115.3#
141 557.1 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: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

Instrument :

BNA_F

ClientSampleId :

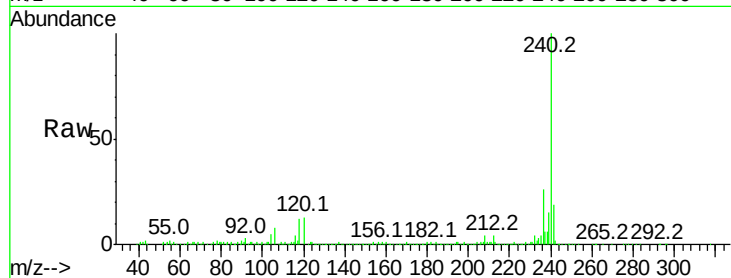
Tot Ion:240 Resp: 265378

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

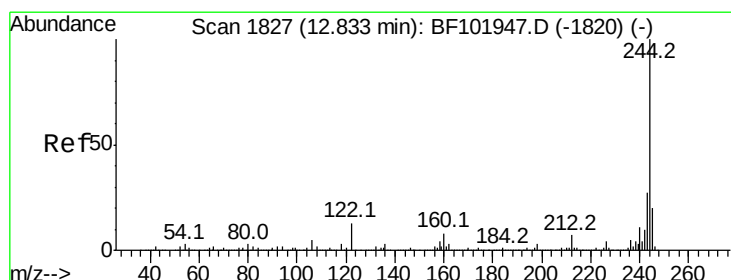
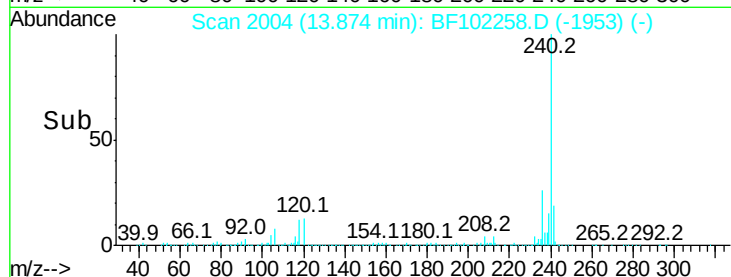
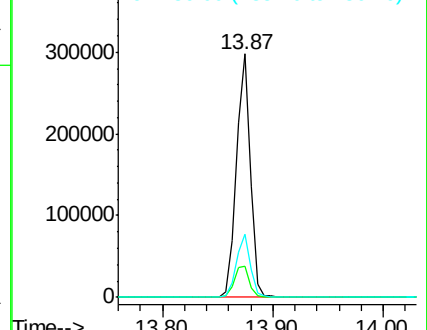
236 26.0 20.7 31.1



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: 53.078 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

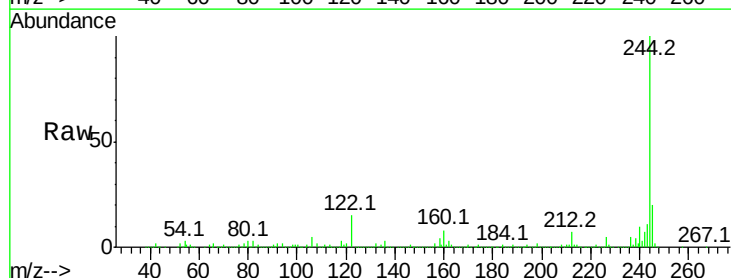
Tgt Ion:244 Resp: 678417

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

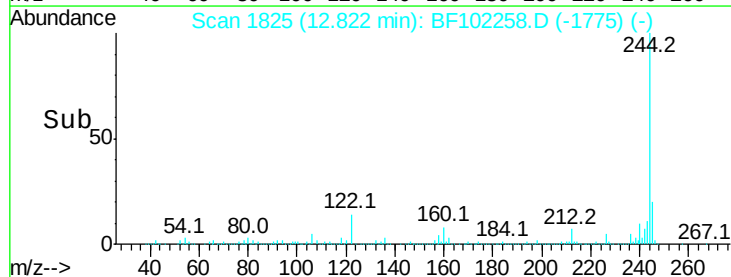
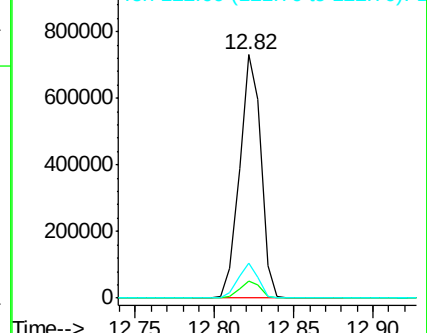
122 14.5 11.0 16.4

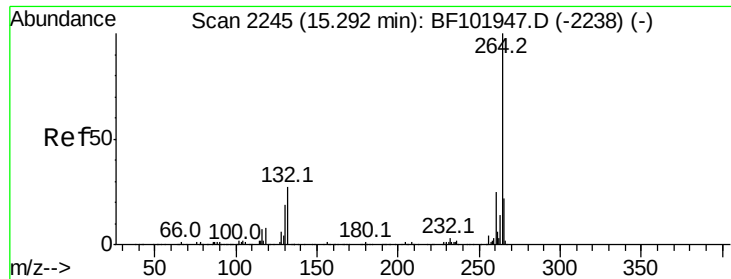


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

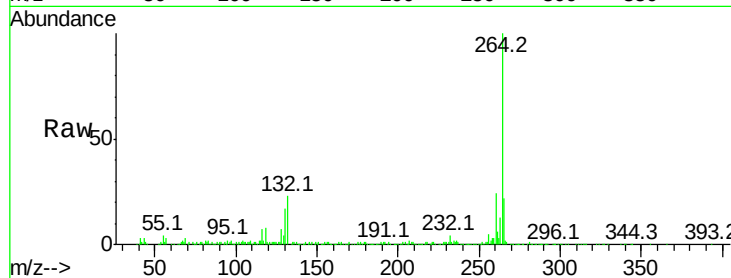




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	236634
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

