

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102136.D
 Acq On : 17 Jan 2018 3:16
 Operator : SJ/JU
 Sample : J1114-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 04:14:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

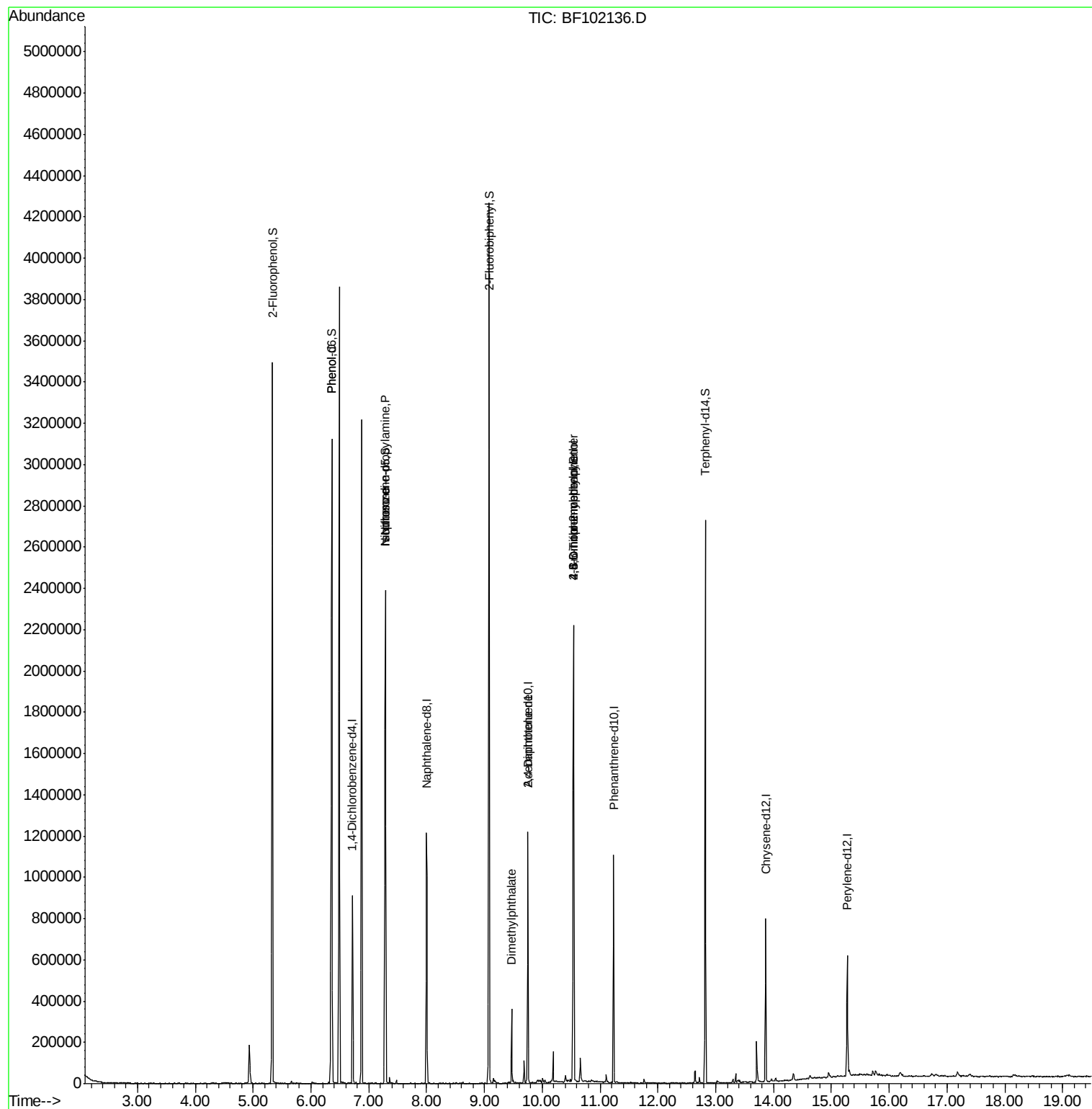
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137044	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	536999	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	221814	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	341561	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	241254	20.00	ng	-0.02
86) Perylene-d12	15.27	264	249807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1096313	112.96	ng	0.00
7) Phenol-d6	6.36	99	1291824	111.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	806701	88.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	250108	129.21	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1313867	92.54	ng	-0.01
78) Terphenyl-d14	12.82	244	878242	75.58	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	35556	2.717	ng	87
19) n-Nitroso-di-n-propylamine	7.29	70	109398	14.417	ng	# 81
25) Isophorone	7.29	82	806690	44.676	ng	# 64
49) Dimethylphthalate	9.47	163	127728	7.178	ng	99
56) 2,4-Dinitrotoluene	9.75	165	28415	6.378	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	589	5.942	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	16238	4.502	ng	# 1

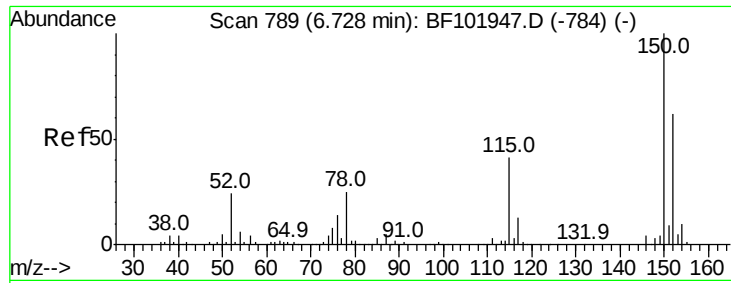
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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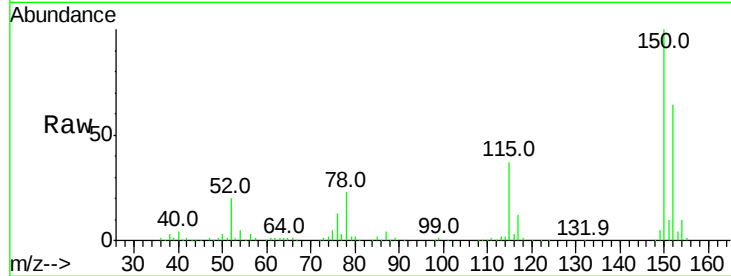


#1

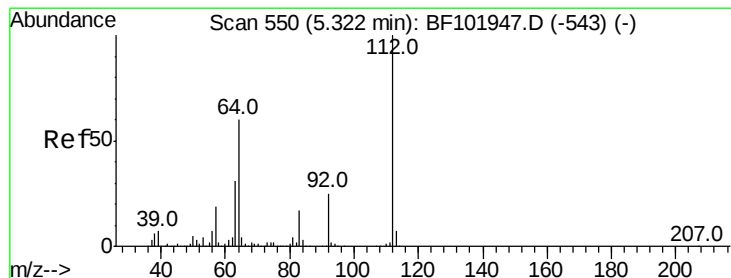
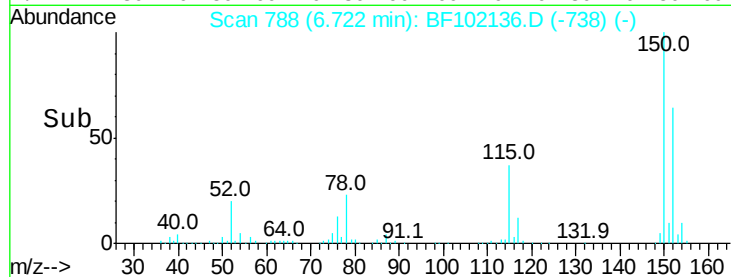
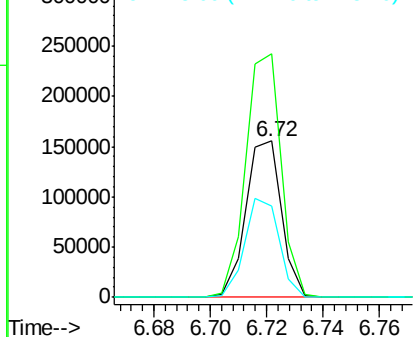
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137044
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.2 50.1 75.1



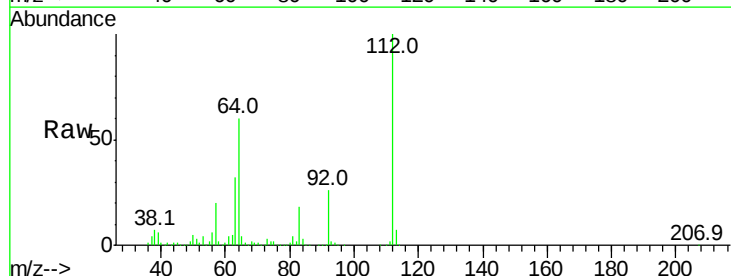
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



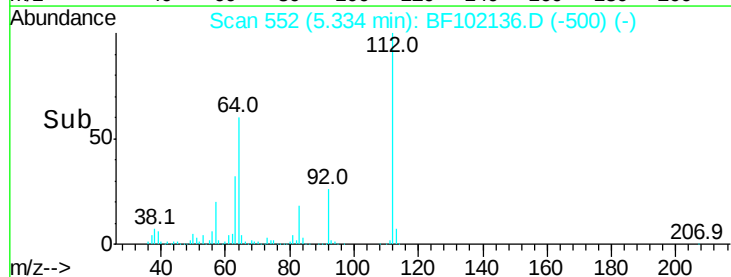
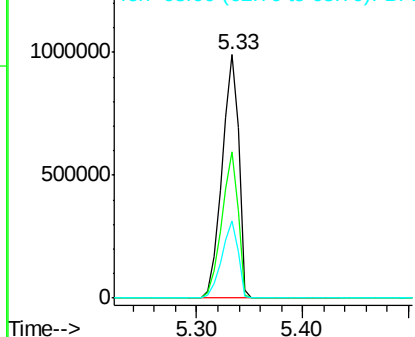
#5

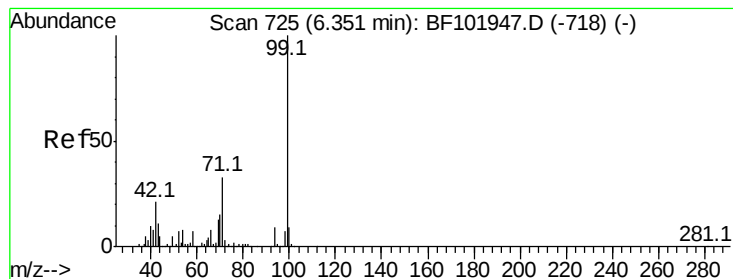
2-Fluorophenol
Concen: 112.963 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:112 Resp: 1096313
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.7 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: 111.564 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

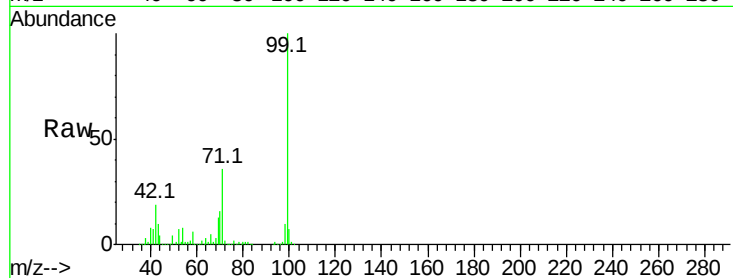
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1291824

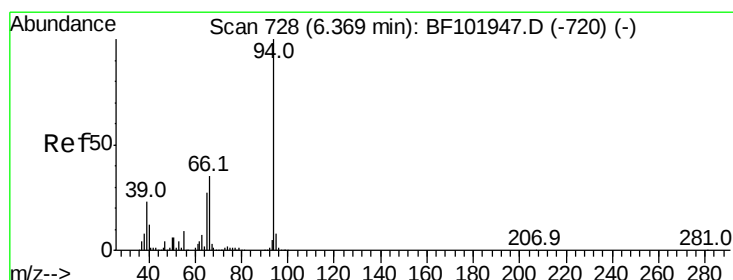
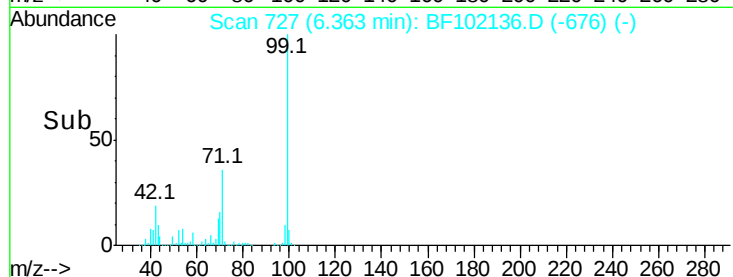
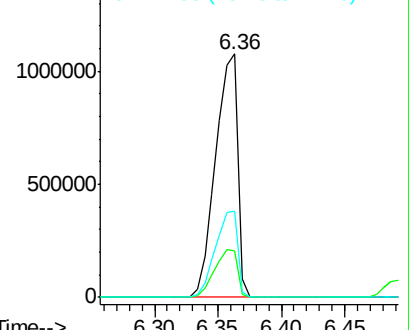
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	35.6	25.4	38.0



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



#10

Phenol

Concen: 2.717 ng

RT: 6.37 min Scan# 728

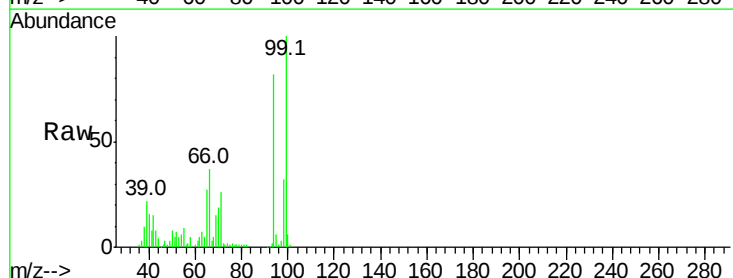
Delta R.T. -0.01 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

Tgt Ion: 94 Resp: 35556

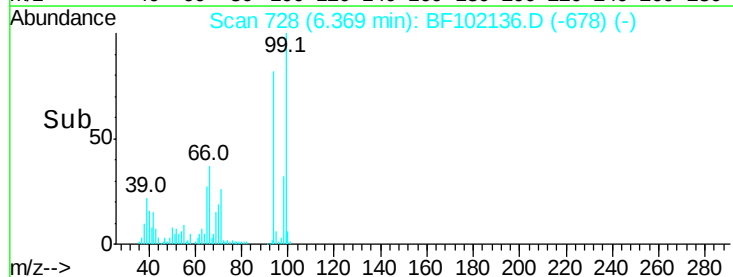
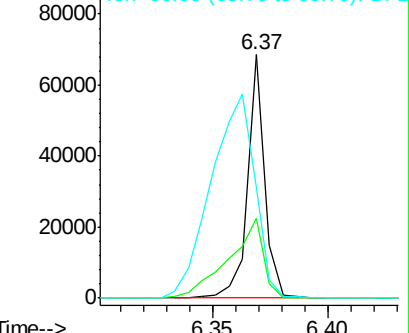
Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.9	47.9
66	45.1	16.2	56.2

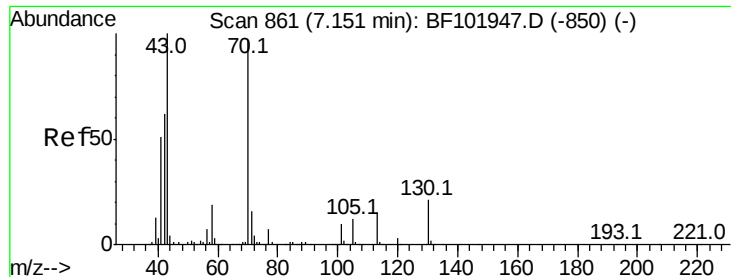


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

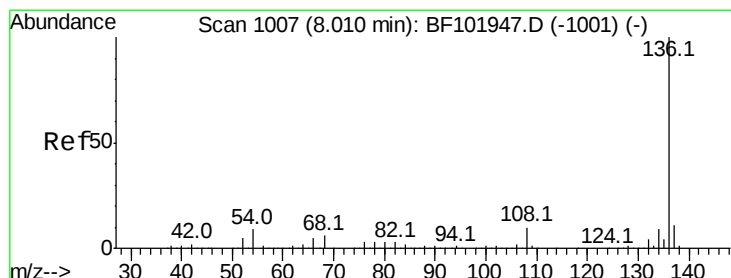
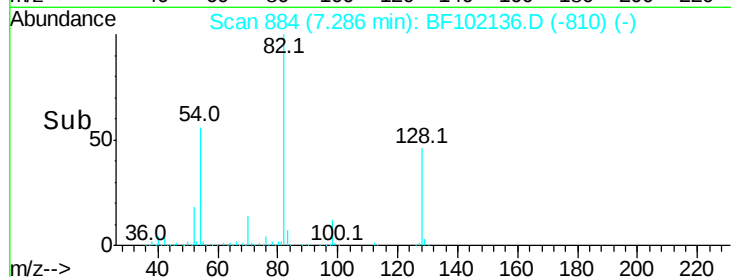
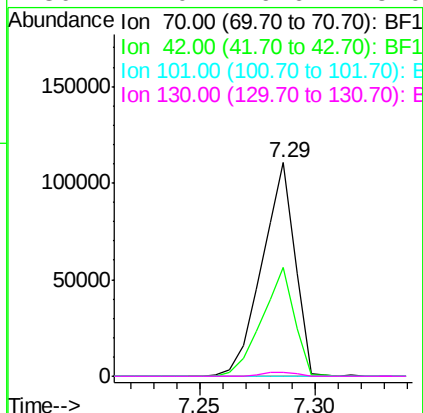
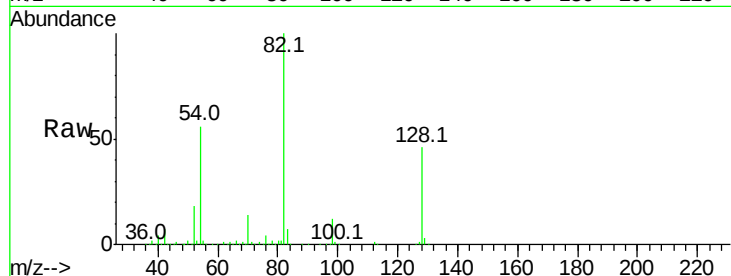




#19
n-Nitroso-di-n-propylamine
Concen: 14.417 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

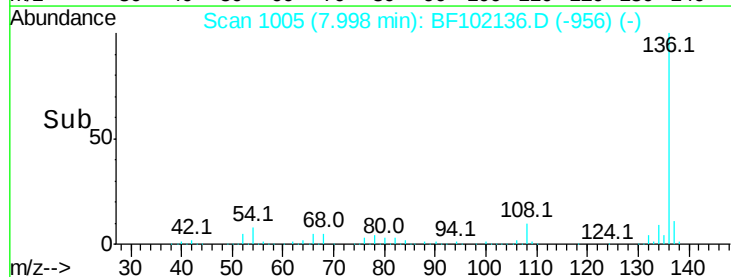
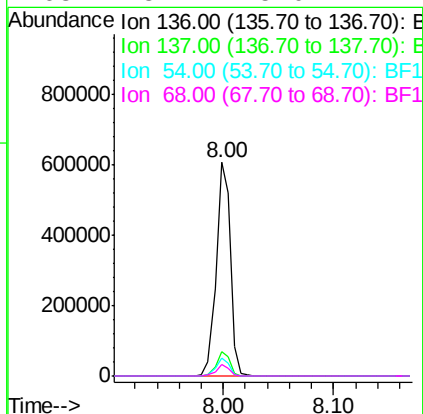
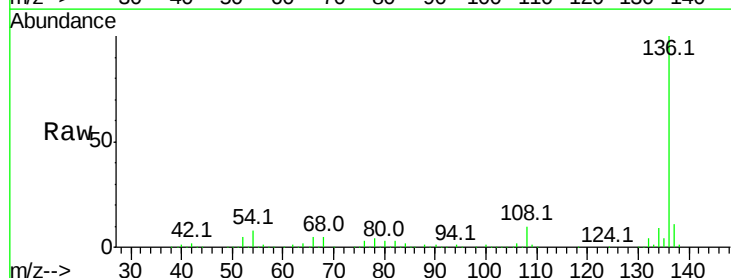
Instrument :
BNA_F
ClientSampleId :

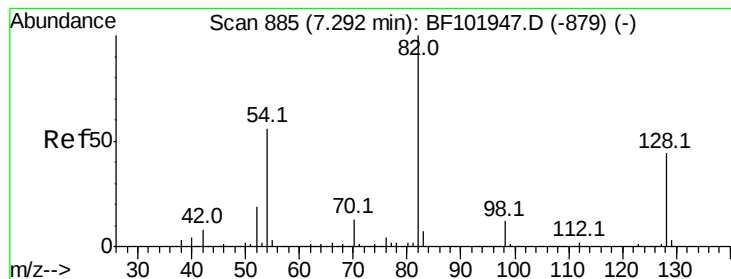
Tot Ion: 70 Resp: 109398
Ion Ratio Lower Upper
70 100
42 51.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:136 Resp: 536999
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.5 6.6 9.8
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 88.278 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

Instrument :

BNA_F

ClientSampled :

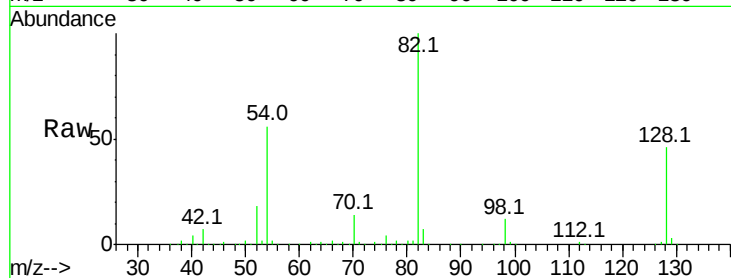
Tot Ion: 82 Resp: 806701

Ion Ratio Lower Upper

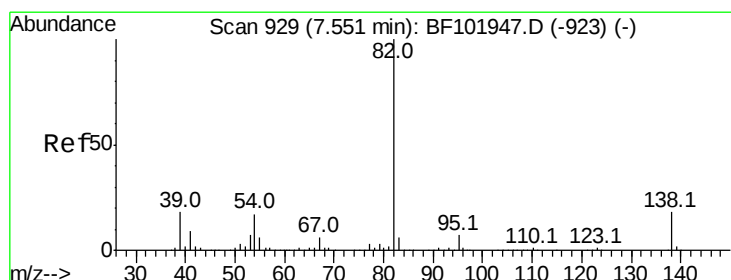
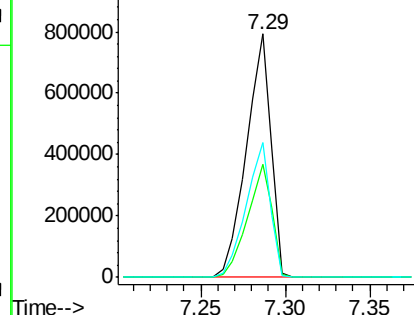
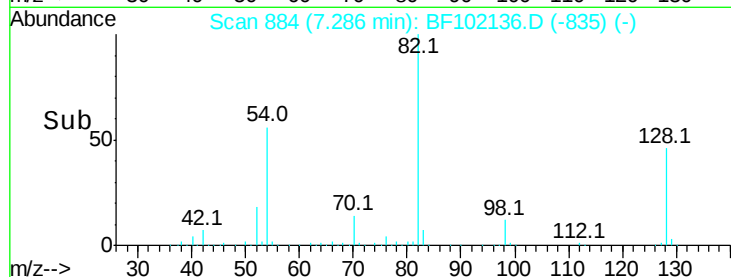
82 100

128 46.4 36.1 54.1

54 55.5 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: 44.676 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

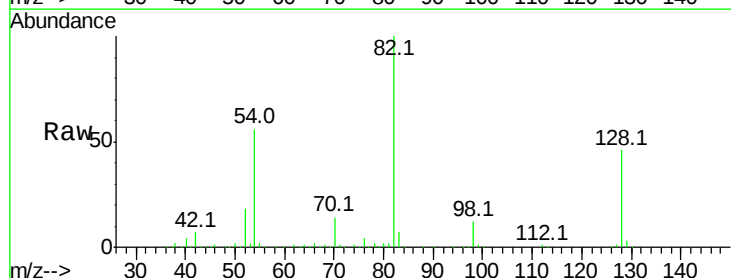
Tgt Ion: 82 Resp: 806690

Ion Ratio Lower Upper

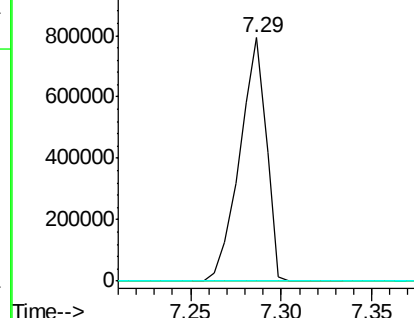
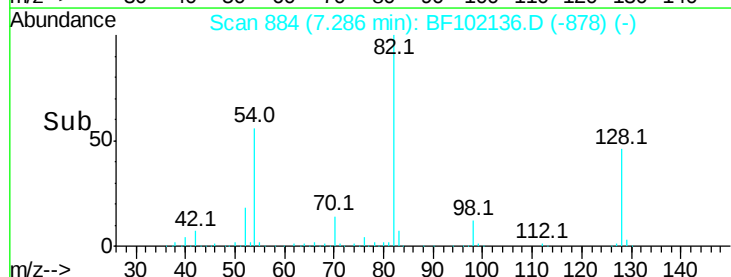
82 100

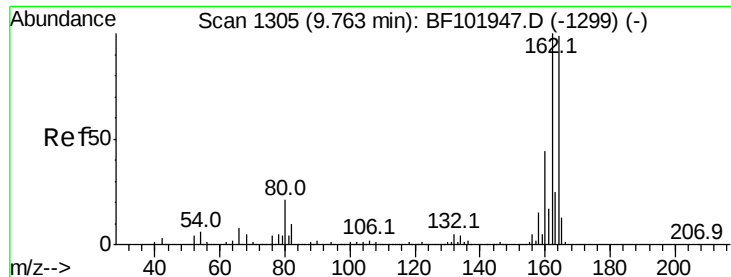
95 0.0 5.2 7.8#

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

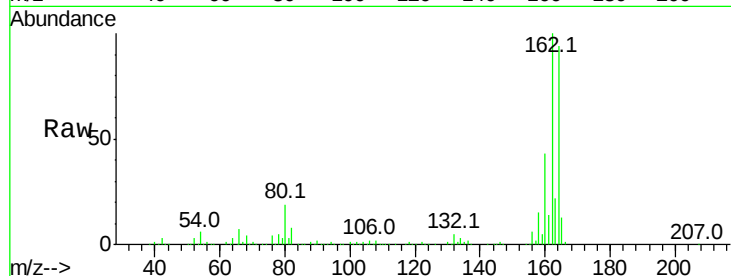




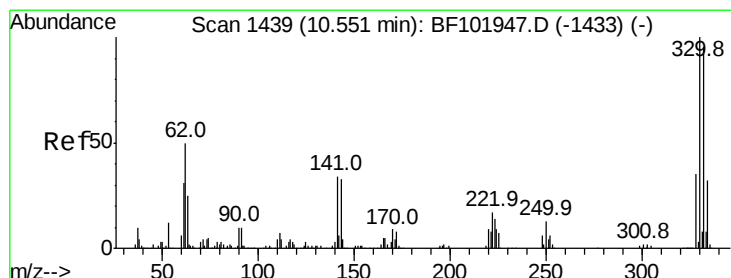
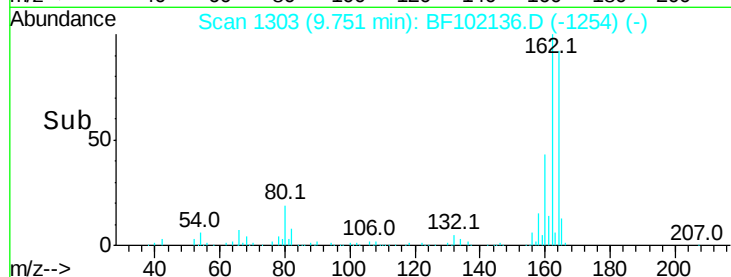
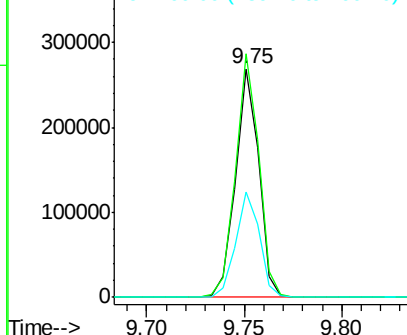
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102136.D
 Acq: 17 Jan 2018 3:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 221814
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 45.8 38.3 57.5

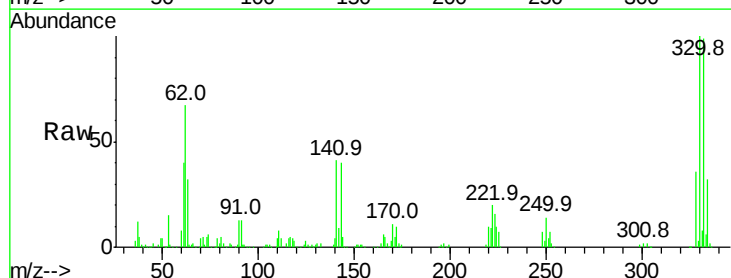


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

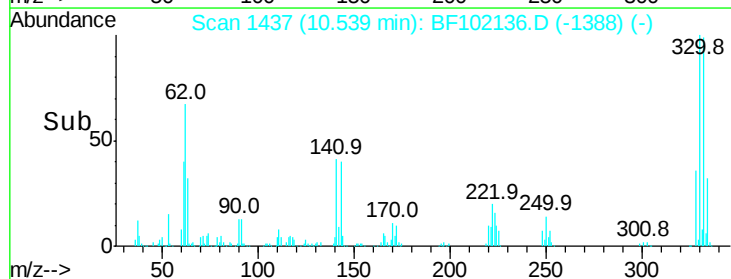
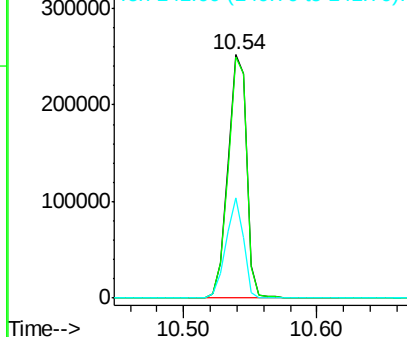


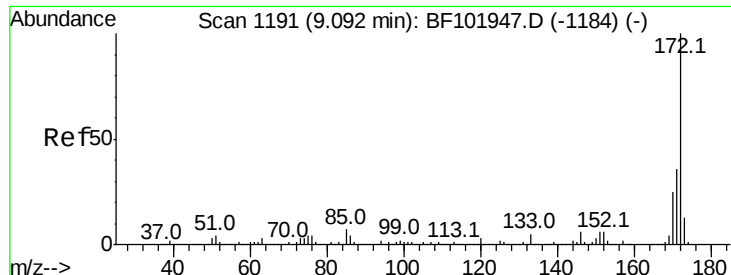
#41
 2,4,6-Tribromophenol
 Concen: 129.205 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102136.D
 Acq: 17 Jan 2018 3:16

Tgt Ion:330 Resp: 250108
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 39.0 29.9 44.9



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

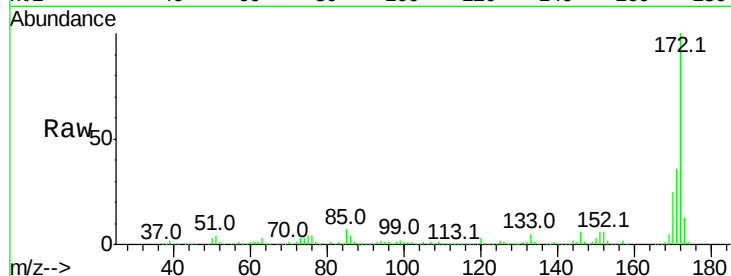




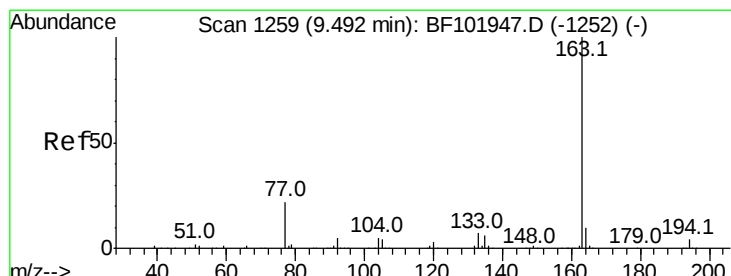
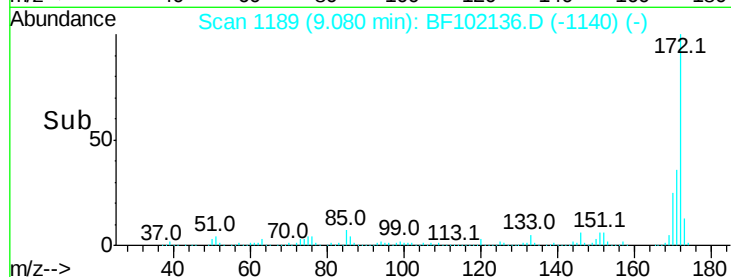
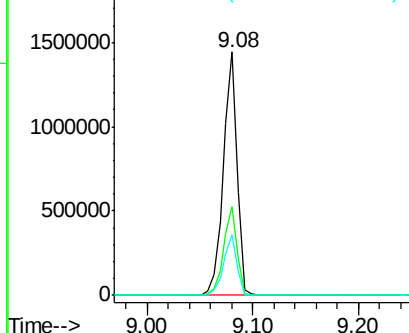
#44
2-Fluorobiphenyl
Concen: 92.538 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1313867
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.8 19.6 29.4

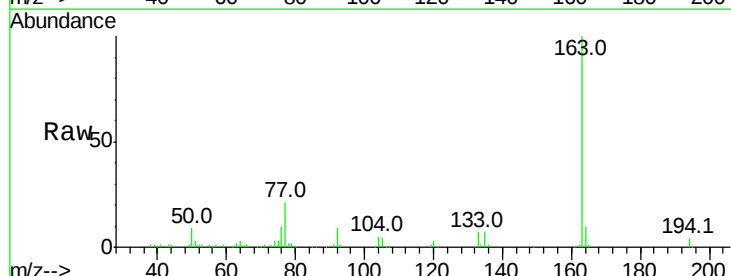


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

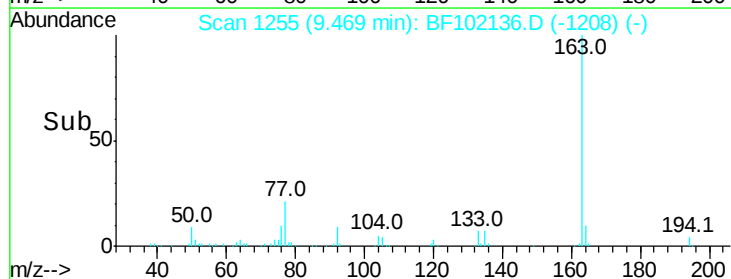
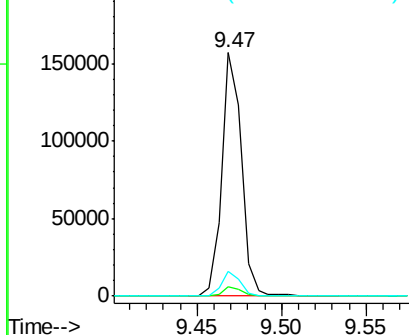


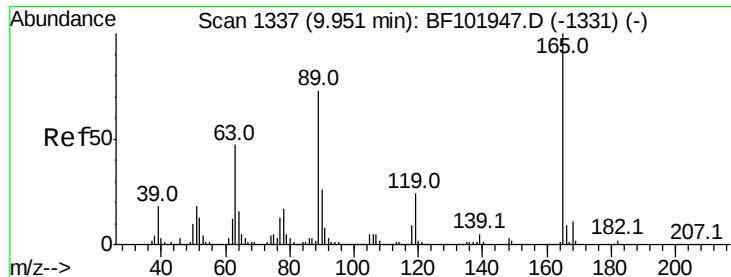
#49
Dimethylphthalate
Concen: 7.178 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:163 Resp: 127728
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 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

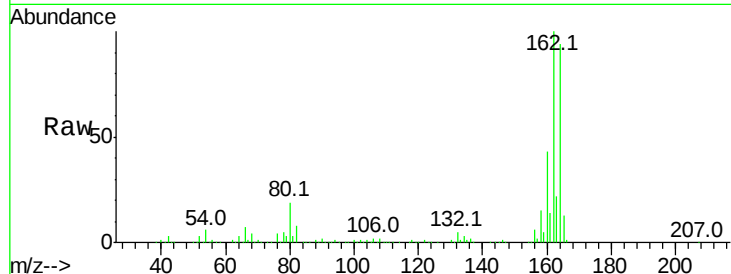




#56
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

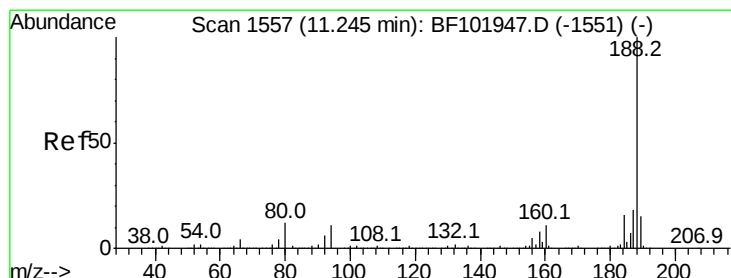
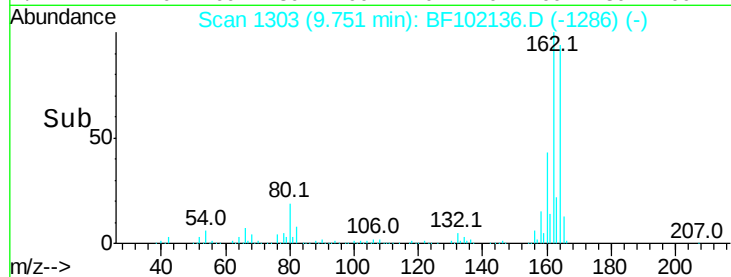
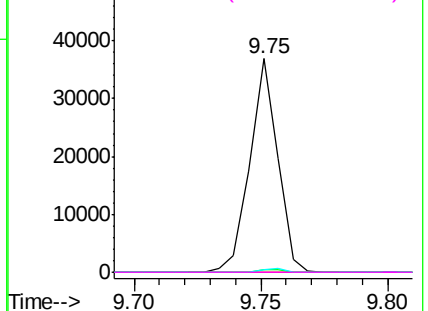


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

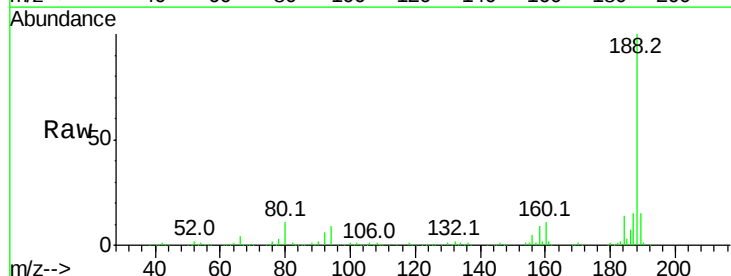
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

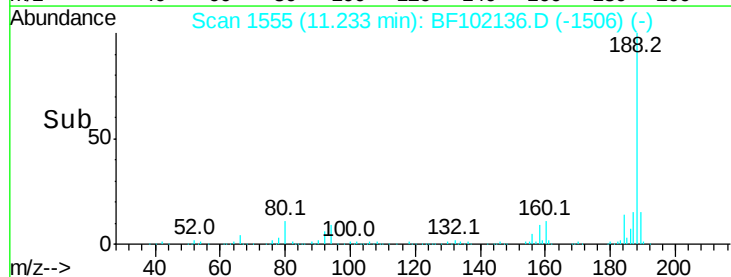
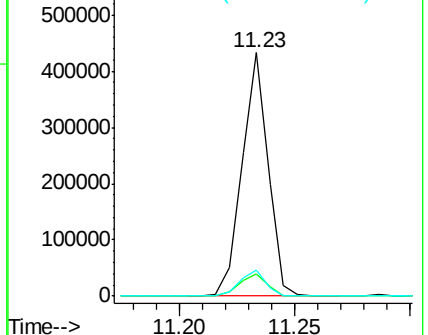
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.5	9.2	13.8

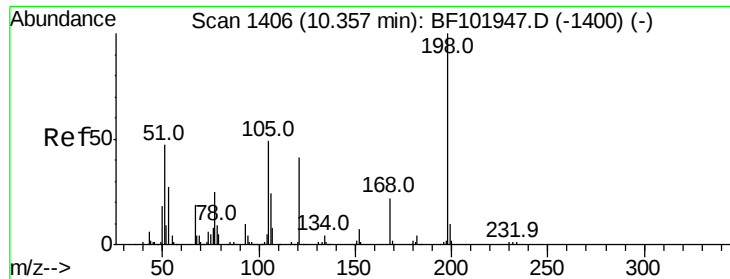


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

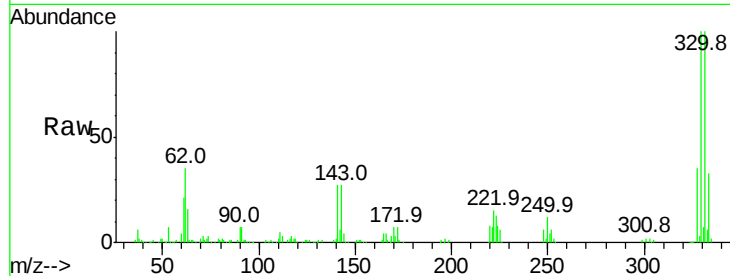




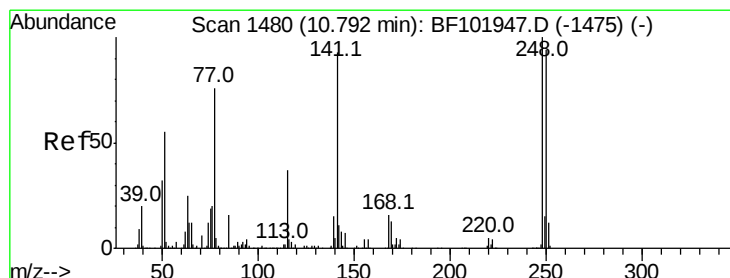
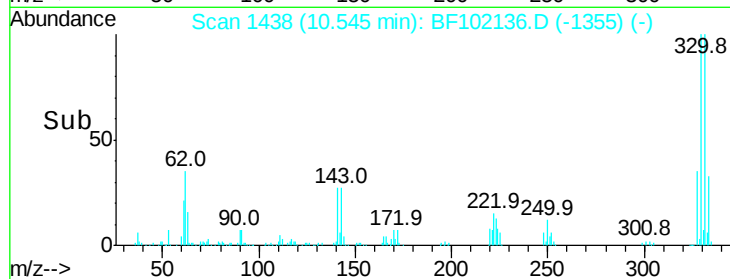
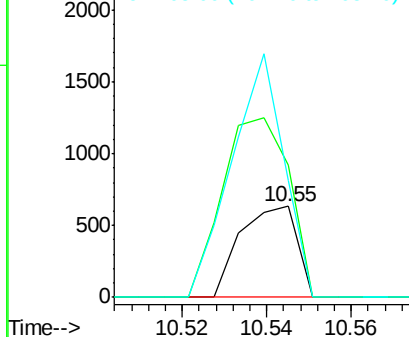
#64
4,6-Dinitro-2-methylphenol
Concen: 5.942 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 589
Ion Ratio Lower Upper
198 100
51 145.5 37.7 77.7#
105 129.5 36.3 76.3#

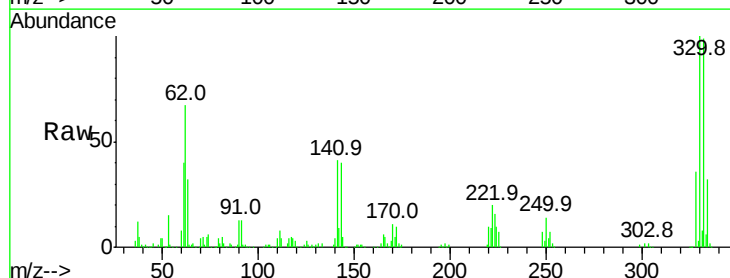


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

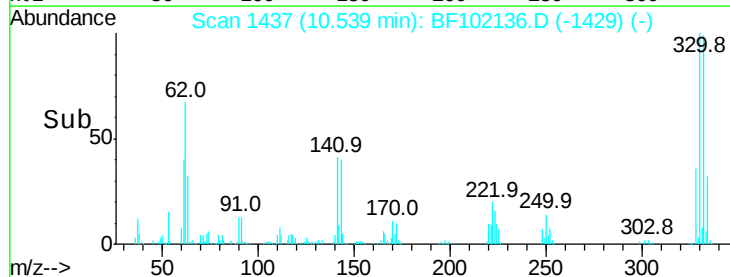
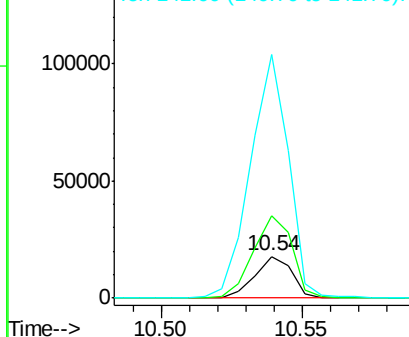


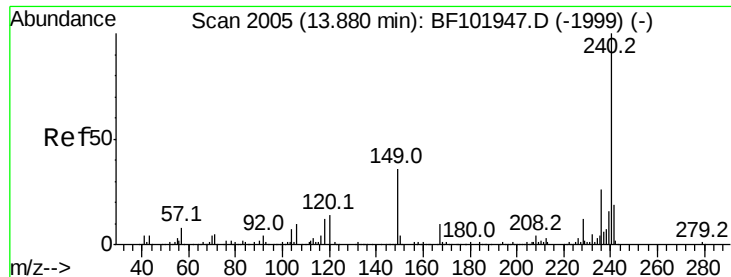
#66
4-Bromophenyl-phenylether
Concen: 4.502 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:248 Resp: 16238
Ion Ratio Lower Upper
248 100
250 198.2 76.9 115.3#
141 587.9 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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

Instrument :

BNA_F

ClientSampleId :

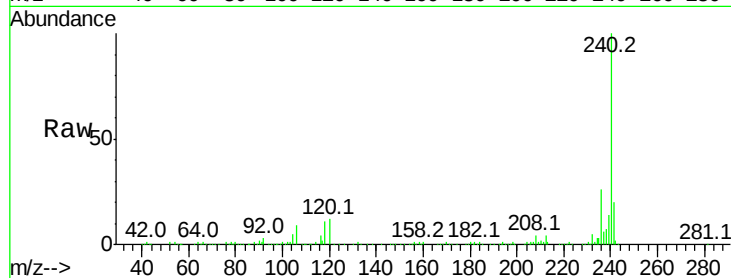
Tot Ion:240 Resp: 241254

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

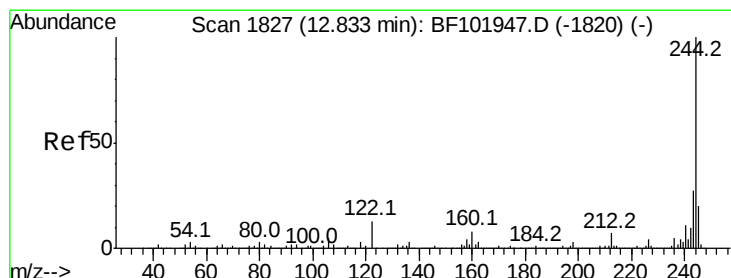
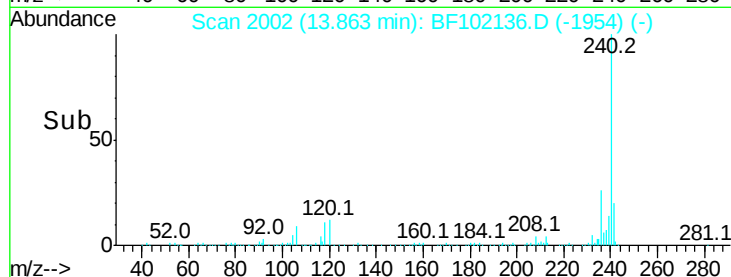
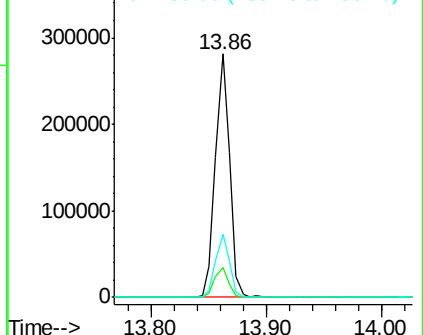
236 25.9 20.7 31.1



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: 75.583 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102136.D

Acq: 17 Jan 2018 3:16

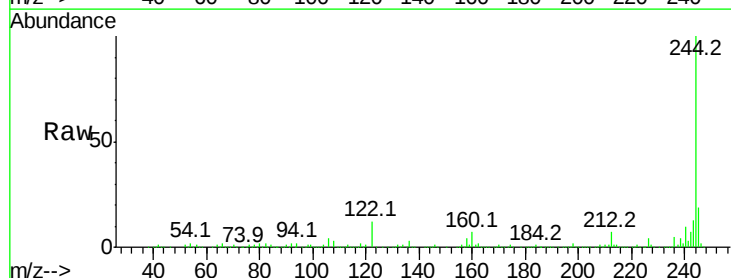
Tgt Ion:244 Resp: 878242

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

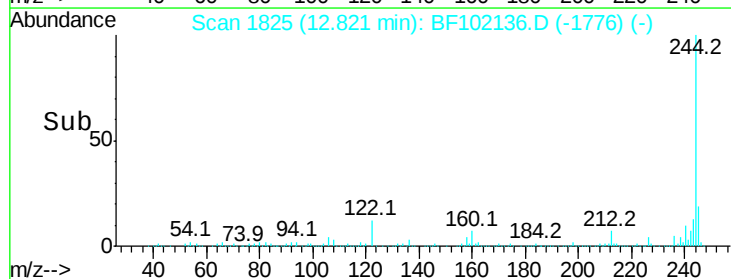
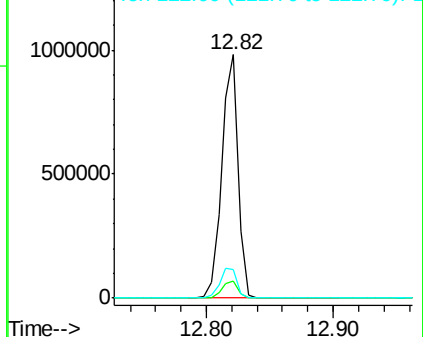
122 11.7 11.0 16.4

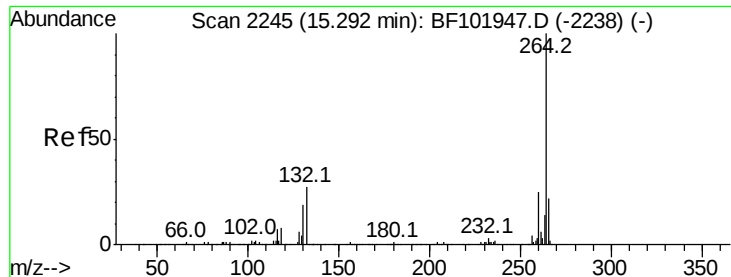


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

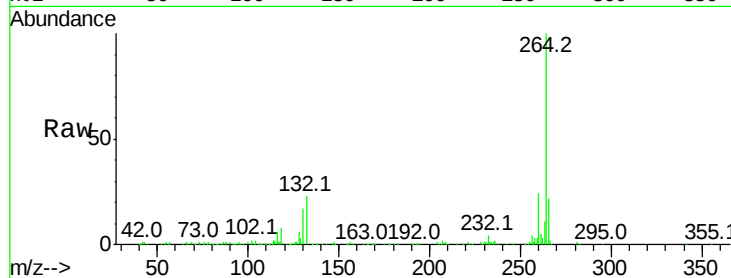




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF102136.D
 Acq: 17 Jan 2018 3:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	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

