

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102254.D
 Acq On : 20 Jan 2018 10:01
 Operator : SJ/JU
 Sample : J1114-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:19:08 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	136947	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	560422	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	252009	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	443671	20.00	ng	0.00
75) Chrysene-d12	13.87	240	387618	20.00	ng	0.00
86) Perylene-d12	15.29	264	297933	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1236790	127.53	ng	0.01
7) Phenol-d6	6.36	99	1491550	128.90	ng	0.00
23) Nitrobenzene-d5	7.29	82	934326	97.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	332880	151.36	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1441248	89.35	ng	0.00
78) Terphenyl-d14	12.83	244	1341663	71.87	ng	0.00

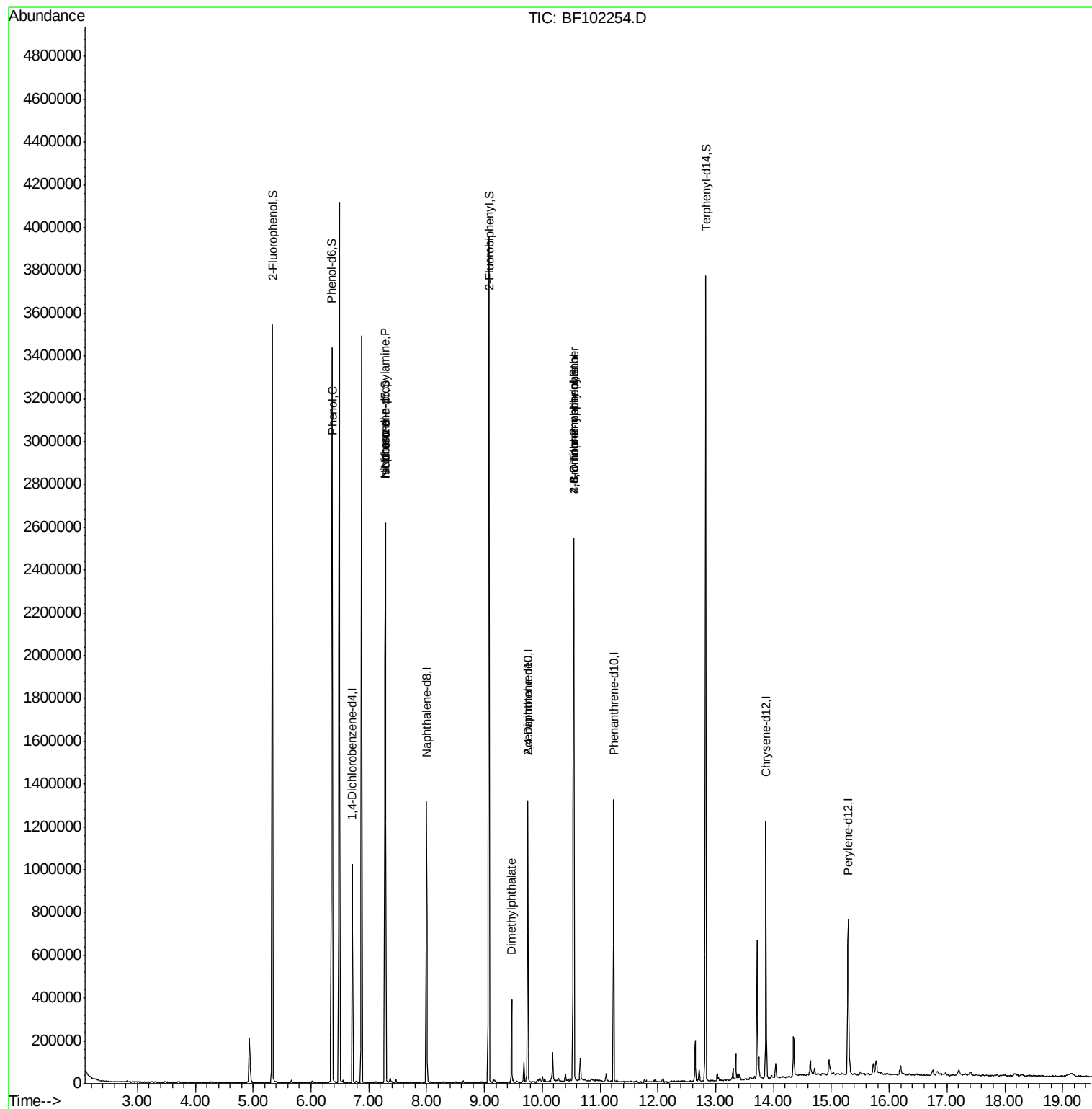
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	40072	3.064	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	125948	16.610	ng	# 79
25) Isophorone	7.29	82	934318	49.582	ng	# 64
49) Dimethylphthalate	9.47	163	138630	6.857	ng	99
56) 2,4-Dinitrotoluene	9.75	165	32096	6.341	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	553	5.865	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	21703	4.632	ng	# 1

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

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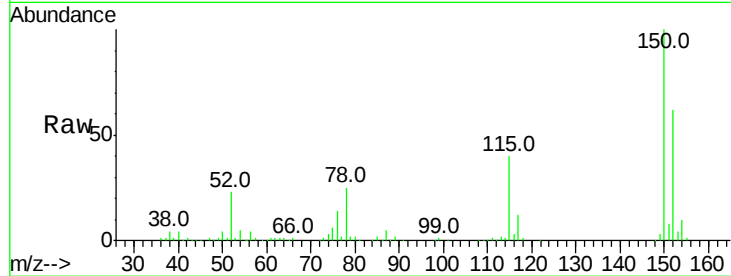


#1

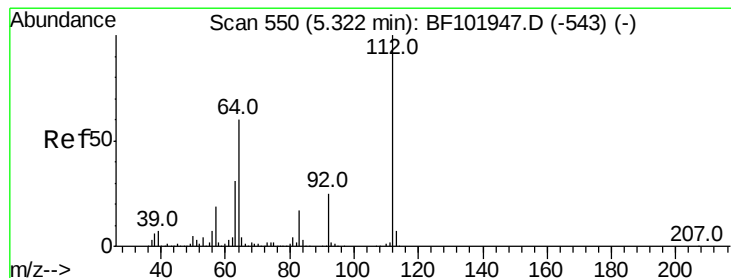
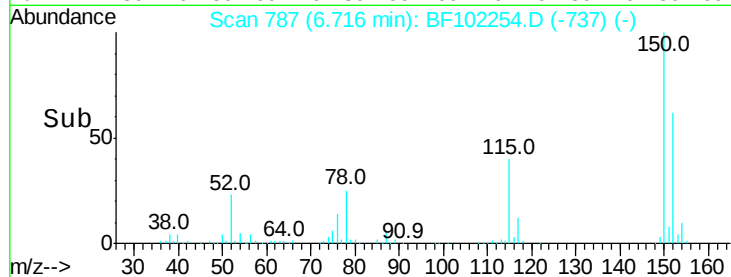
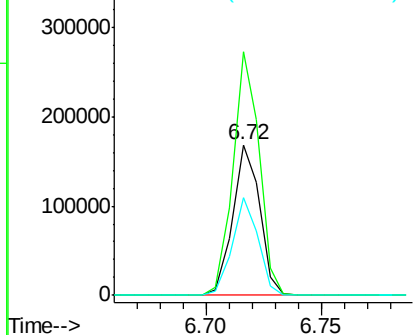
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102254.D
Acq: 20 Jan 2018 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136947
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 64.6 50.1 75.1



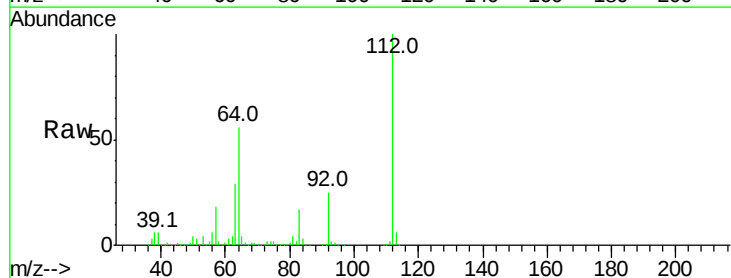
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



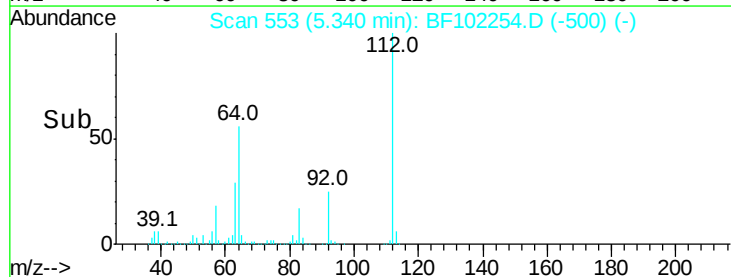
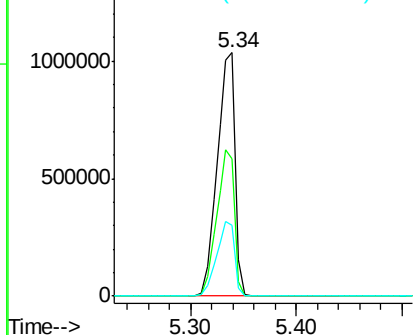
#5

2-Fluorophenol
Concen: 127.527 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102254.D
Acq: 20 Jan 2018 10:01

Tgt Ion:112 Resp: 1236790
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 29.1 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: 128.904 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102254.D

Acq: 20 Jan 2018 10:01

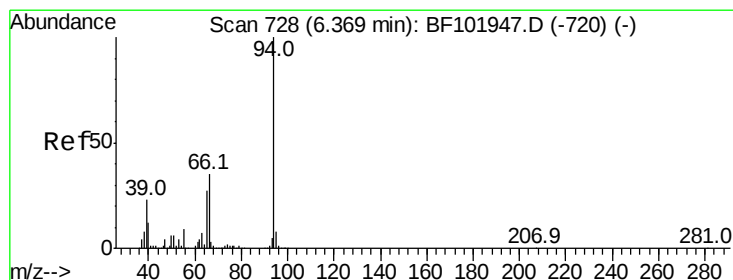
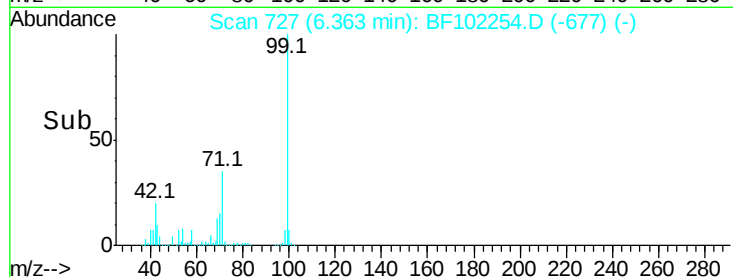
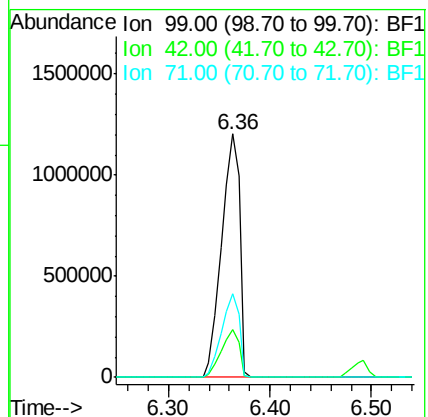
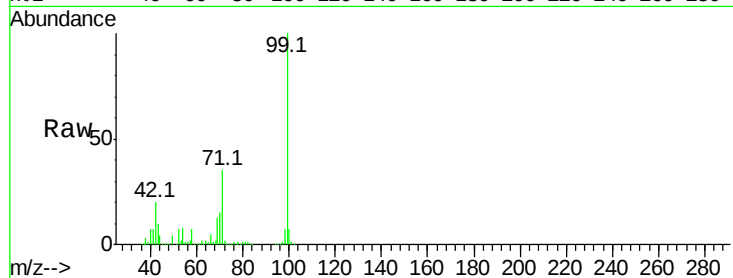
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1491550

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.5	25.4	38.0



#10

Phenol

Concen: 3.064 ng

RT: 6.37 min Scan# 729

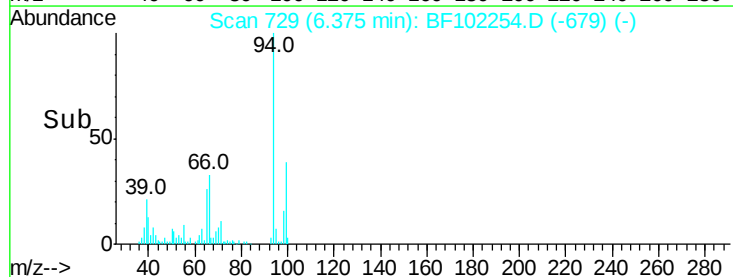
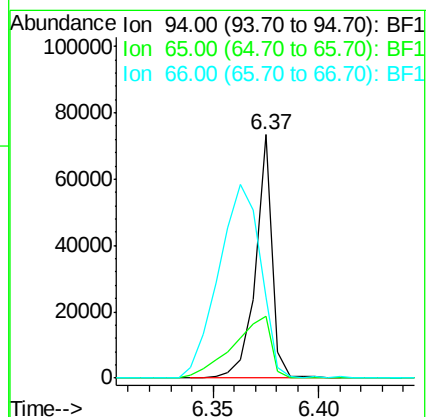
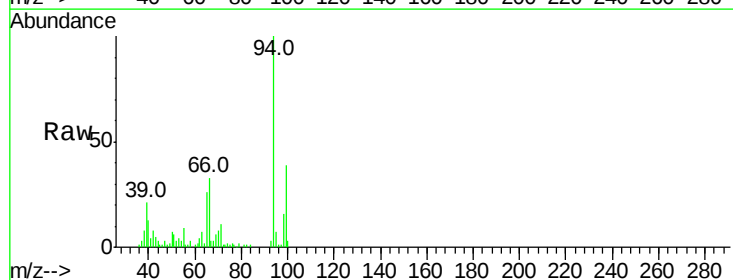
Delta R.T. -0.01 min

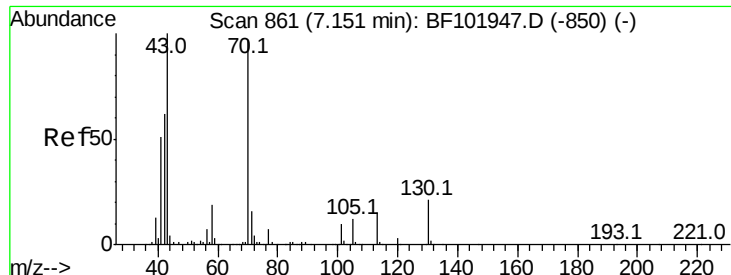
Lab File: BF102254.D

Acq: 20 Jan 2018 10:01

Tgt Ion: 94 Resp: 40072

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	33.2	16.2	56.2

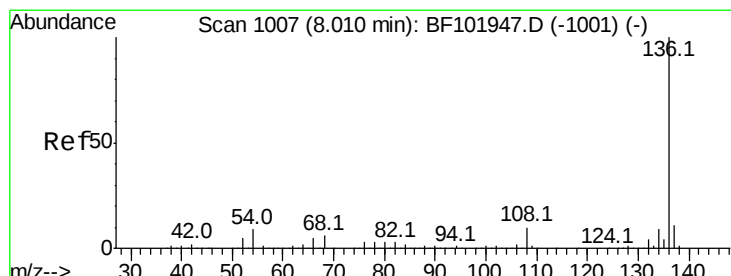
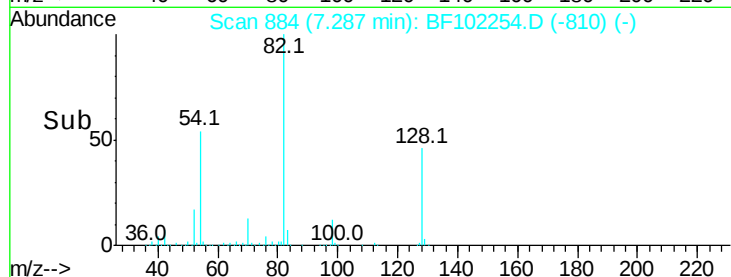
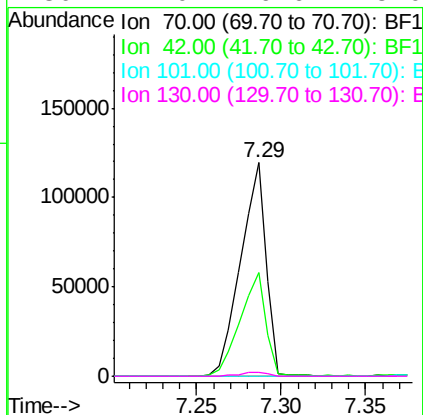
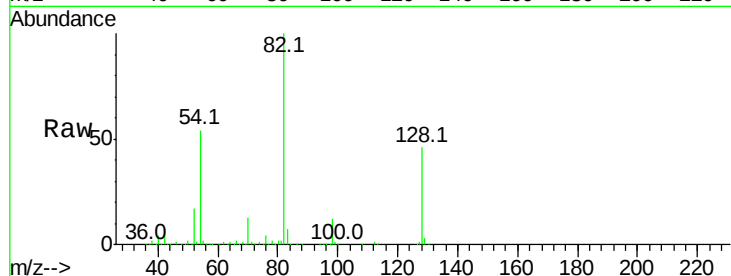




#19
n-Nitroso-di-n-propylamine
Concen: 16.610 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102254.D
Acq: 20 Jan 2018 10:01

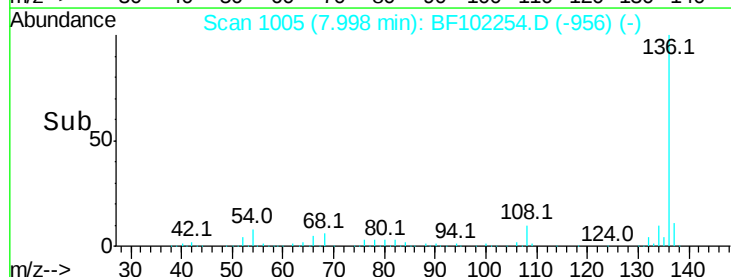
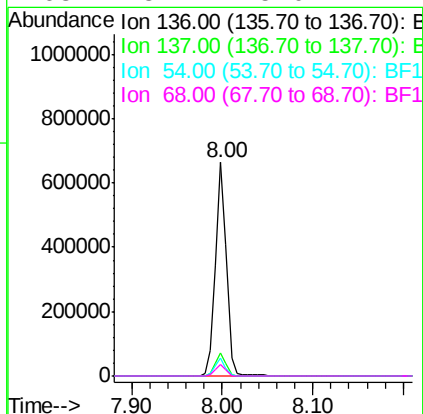
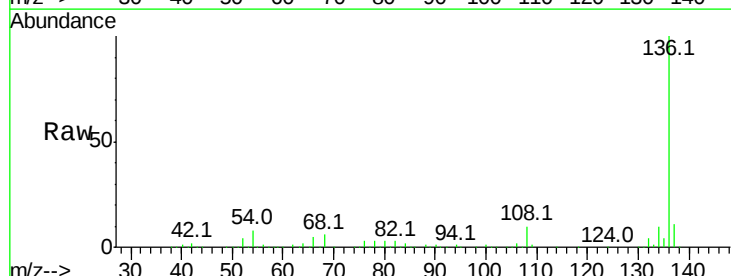
Instrument :
BNA_F
ClientSampleId :

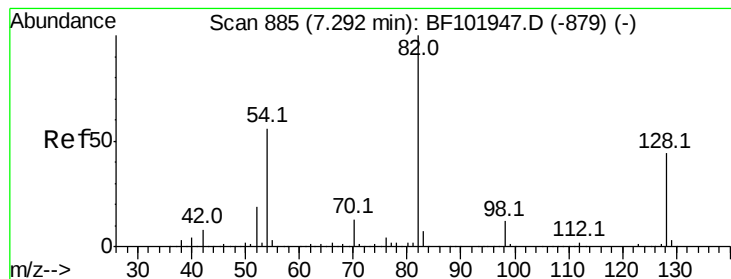
Tot Ion: 70 Resp: 125948
Ion Ratio Lower Upper
70 100
42 48.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102254.D
Acq: 20 Jan 2018 10:01

Tgt Ion:136 Resp: 560422
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 97.970 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102254.D

Acq: 20 Jan 2018 10:01

Instrument :

BNA_F

ClientSampled :

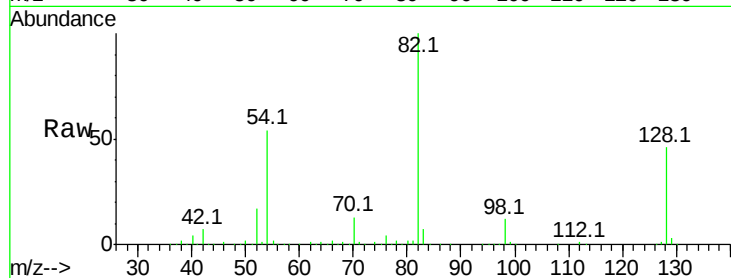
Tot Ion: 82 Resp: 934326

Ion Ratio Lower Upper

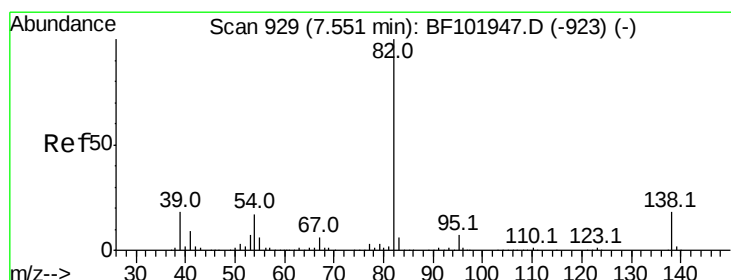
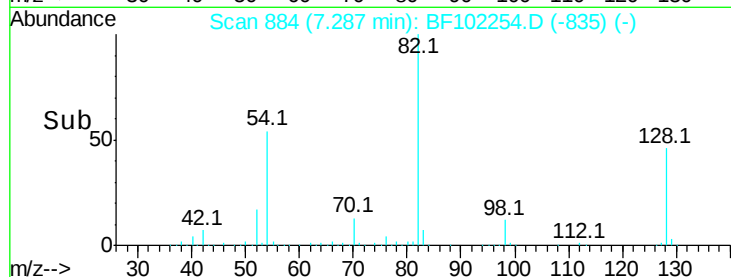
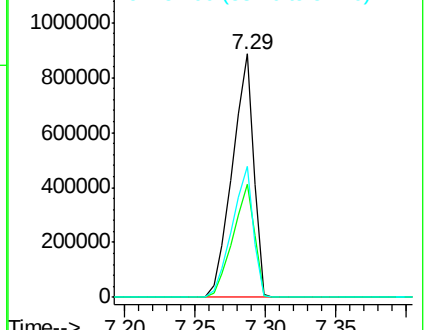
82 100

128 46.4 36.1 54.1

54 53.6 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: 49.582 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102254.D

Acq: 20 Jan 2018 10:01

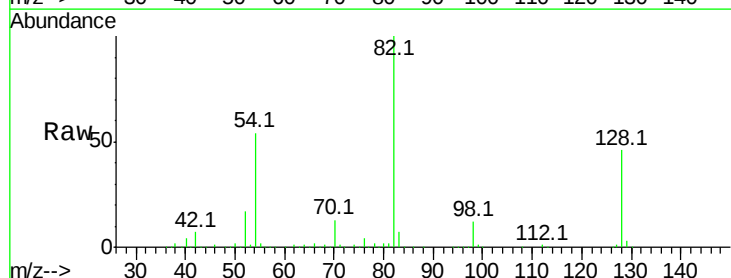
Tgt Ion: 82 Resp: 934318

Ion Ratio Lower Upper

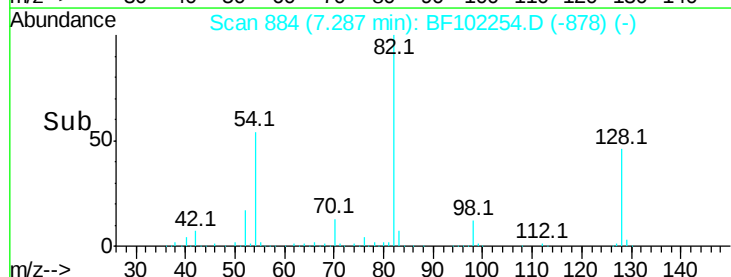
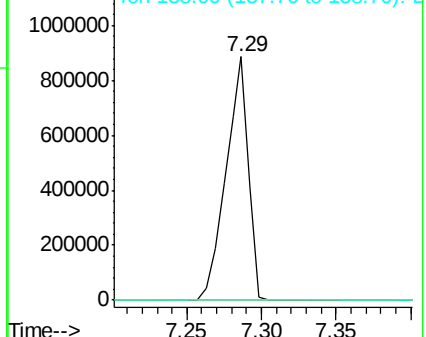
82 100

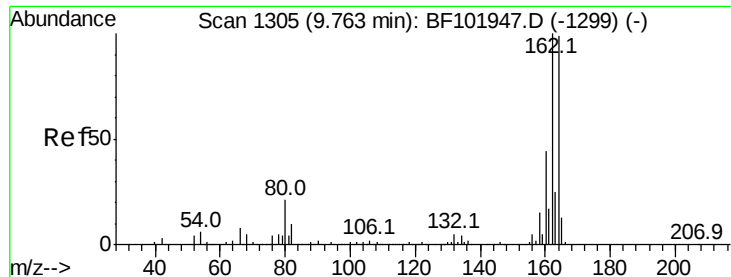
95 0.0 5.2 7.8#

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

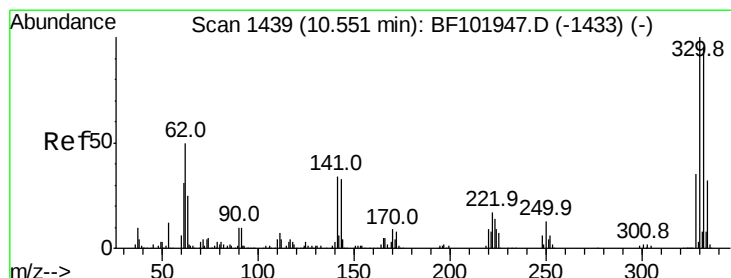
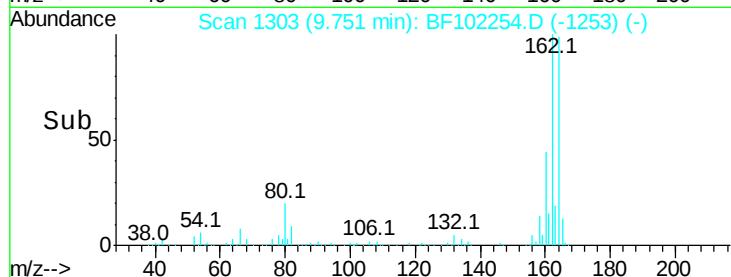
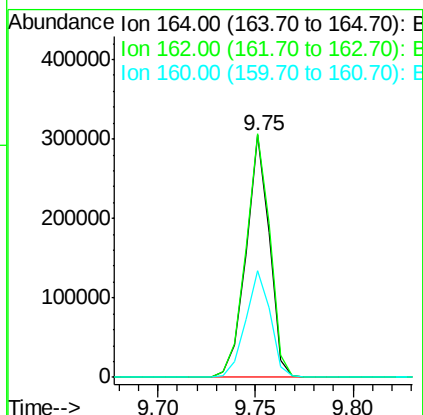
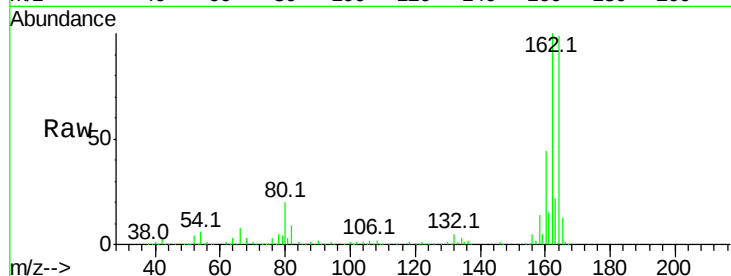




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102254.D
 Acq: 20 Jan 2018 10:01

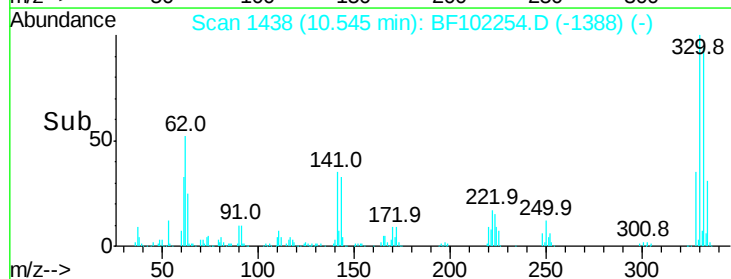
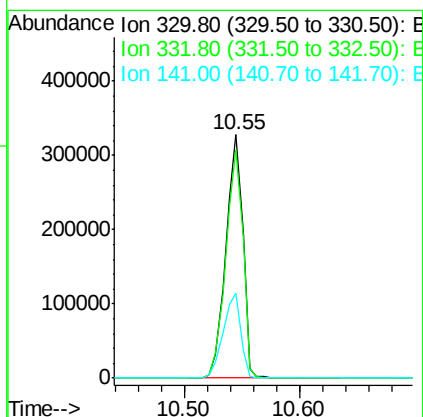
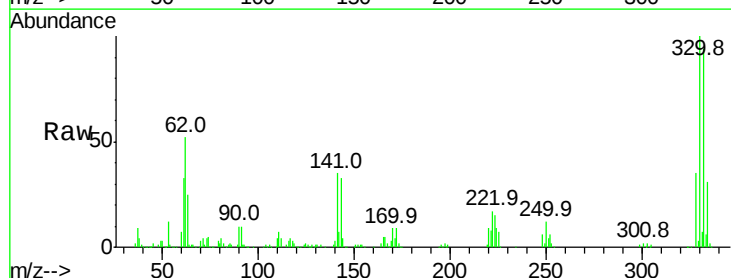
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	44.0	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 151.361 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102254.D
 Acq: 20 Jan 2018 10:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	36.2	29.9	44.9



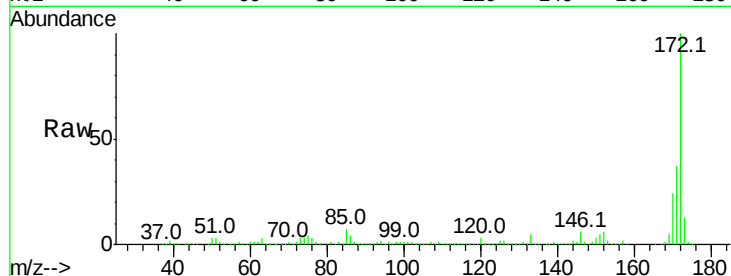


#44
 2-Fluorobiphenyl
 Concen: 89.347 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102254.D
 Acq: 20 Jan 2018 10:01

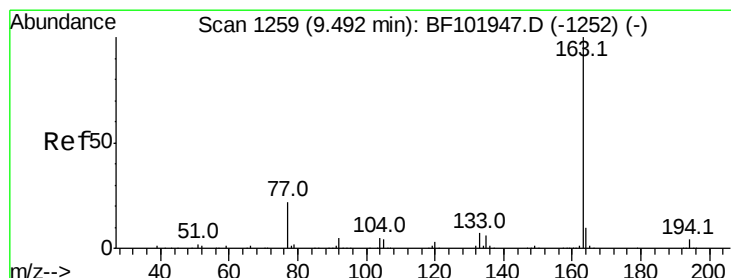
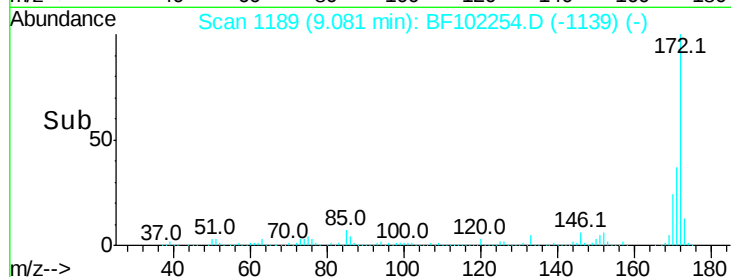
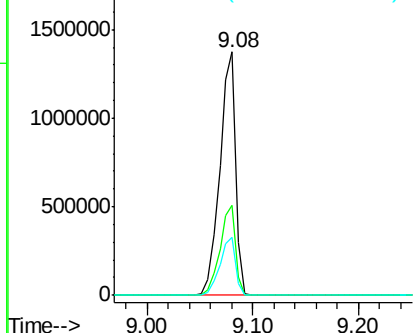
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1441248

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.9	19.6	29.4



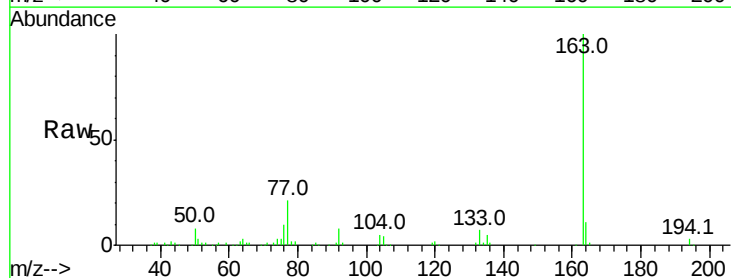
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



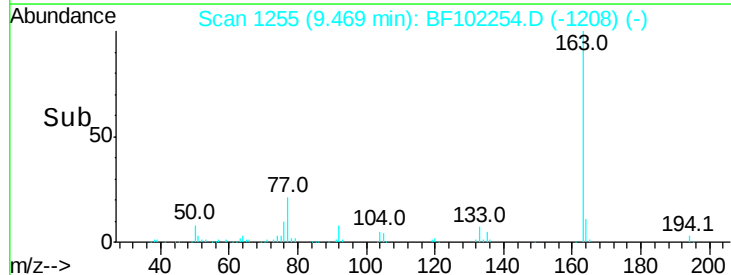
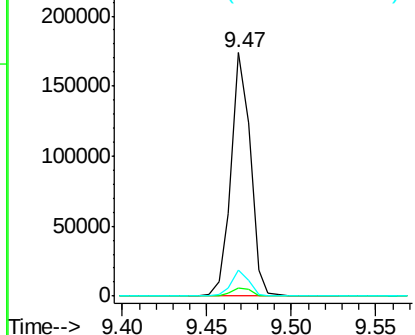
#49
 Dimethylphthalate
 Concen: 6.857 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102254.D
 Acq: 20 Jan 2018 10:01

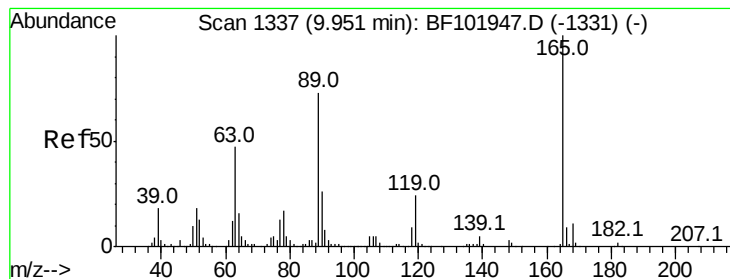
Tgt Ion:163 Resp: 138630

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.5	8.2	12.2



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





#56

2,4-Dinitrotoluene

Concen: 6.341 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

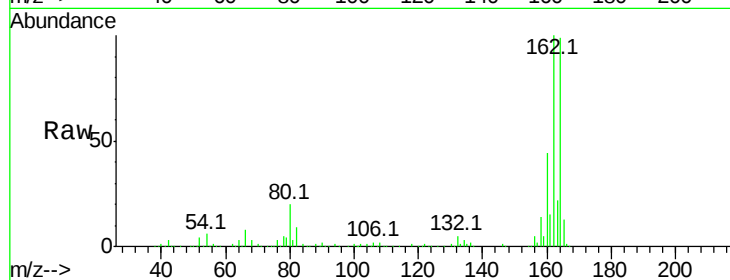
Lab File: BF102254.D

Acq: 20 Jan 2018 10:01

Instrument :

BNA_F

ClientSampleId :



Tot Ion:165 Resp: 32096

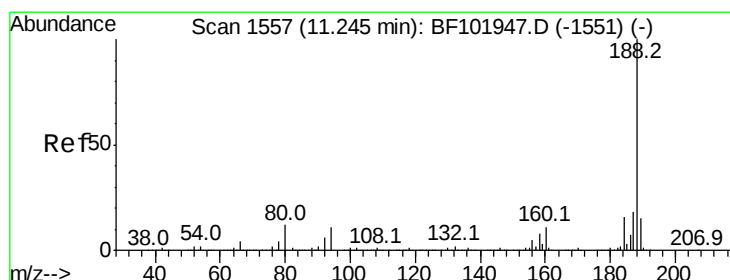
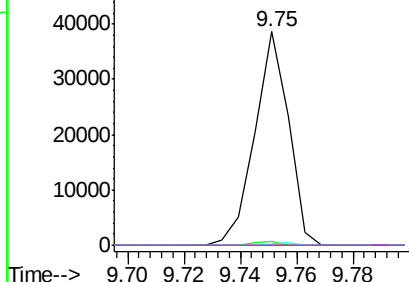
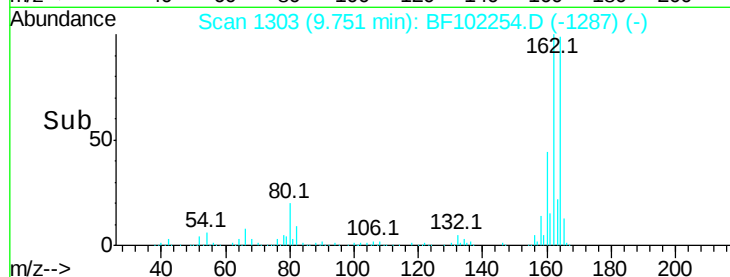
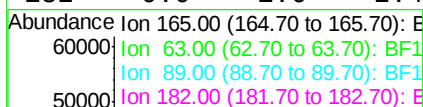
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 0.8 57.8 86.6#

182 0.0 1.6 2.4#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102254.D

Acq: 20 Jan 2018 10:01

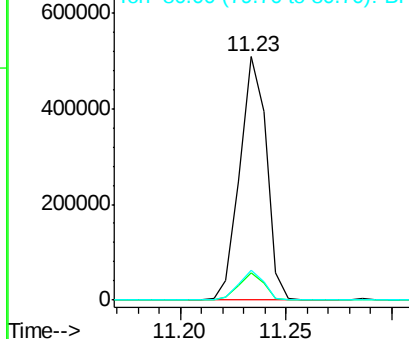
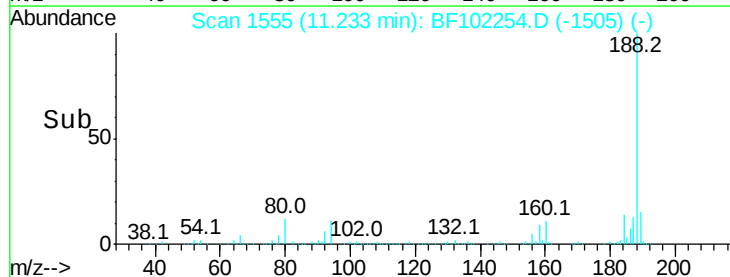
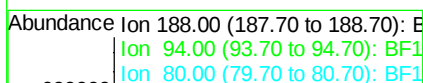
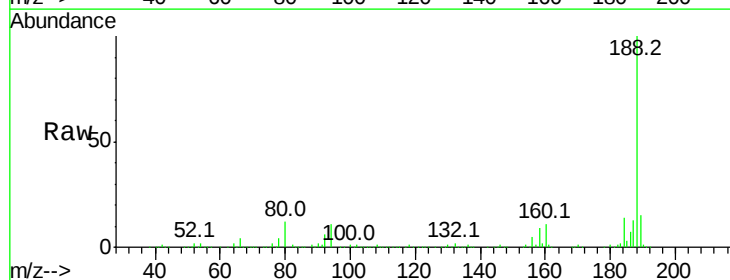
Tgt Ion:188 Resp: 443671

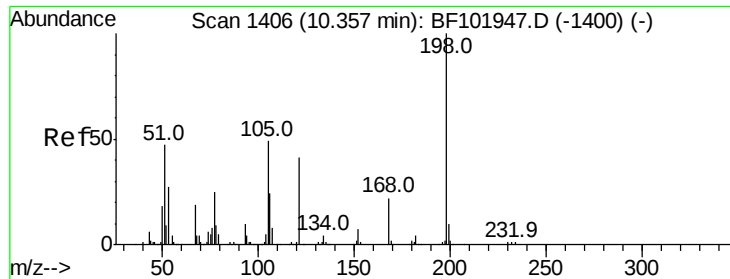
Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

80 12.4 9.2 13.8

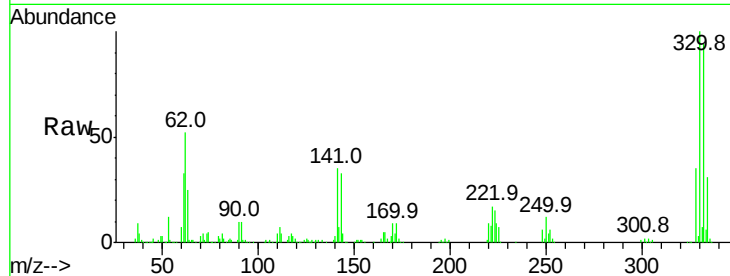




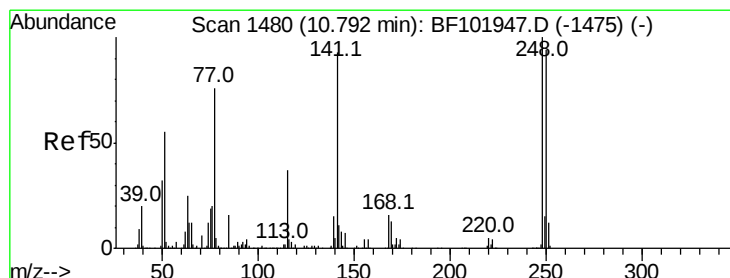
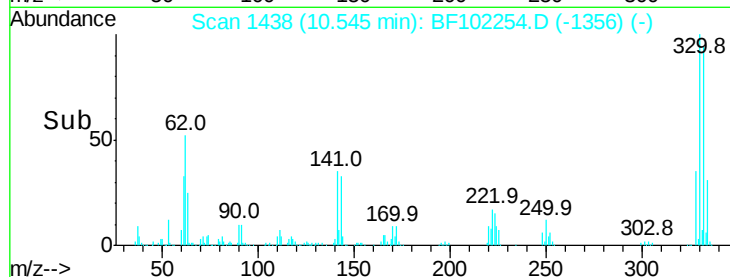
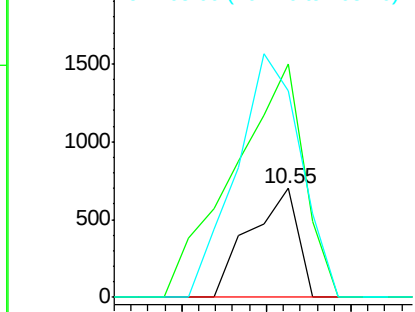
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.865 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF102254.D
 Acq: 20 Jan 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 553
 Ion Ratio Lower Upper
 198 100
 51 214.6 37.7 77.7#
 105 190.0 36.3 76.3#

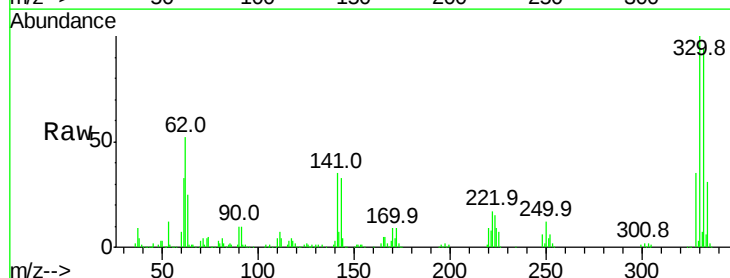


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

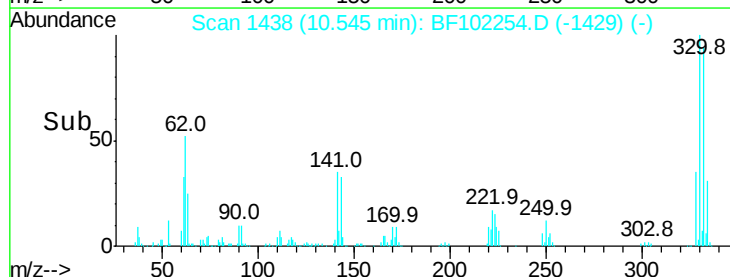
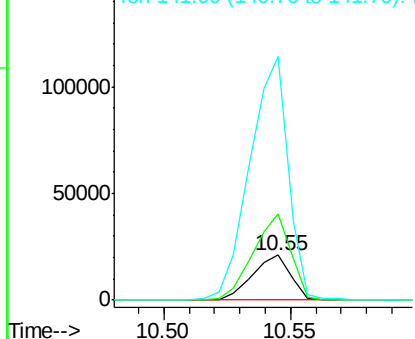


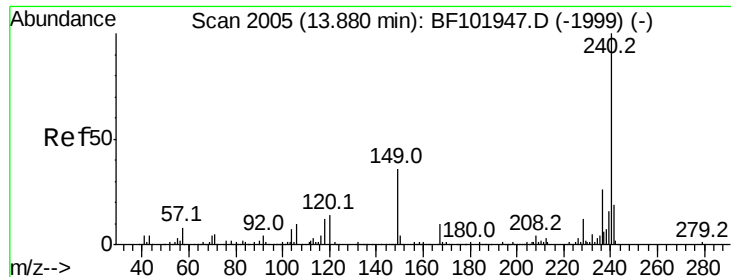
#66
 4-Bromophenyl-phenylether
 Concen: 4.632 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102254.D
 Acq: 20 Jan 2018 10:01

Tgt Ion:248 Resp: 21703
 Ion Ratio Lower Upper
 248 100
 250 193.9 76.9 115.3#
 141 543.7 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# 2003

Delta R.T. -0.01 min

Lab File: BF102254.D

Acq: 20 Jan 2018 10:01

Instrument :

BNA_F

ClientSampleID :

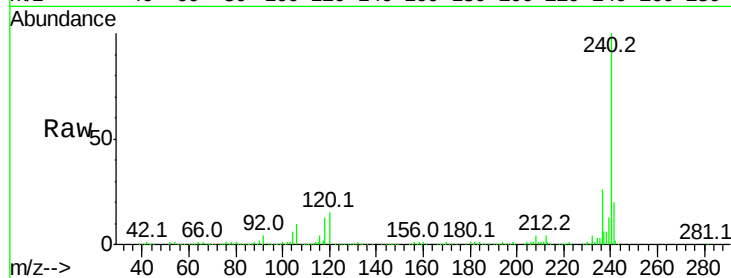
Tot Ion:240 Resp: 387618

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

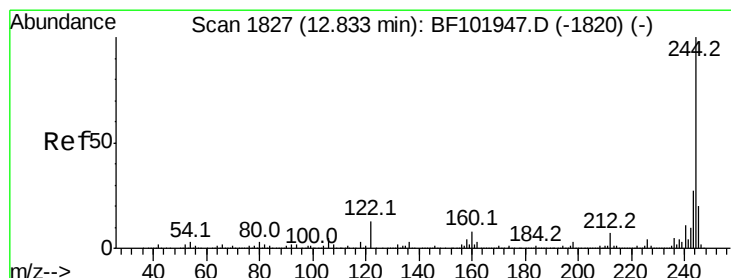
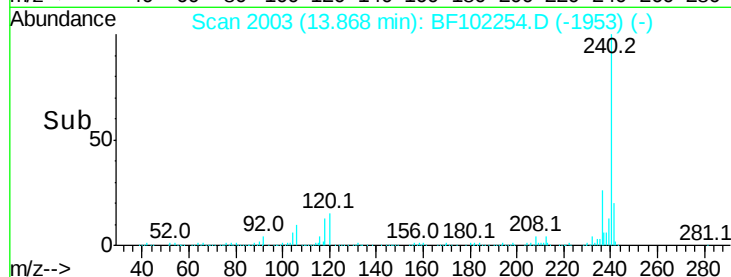
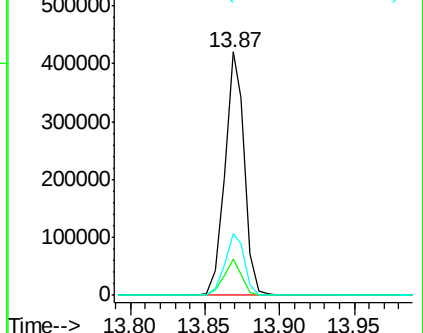
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 71.866 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102254.D

Acq: 20 Jan 2018 10:01

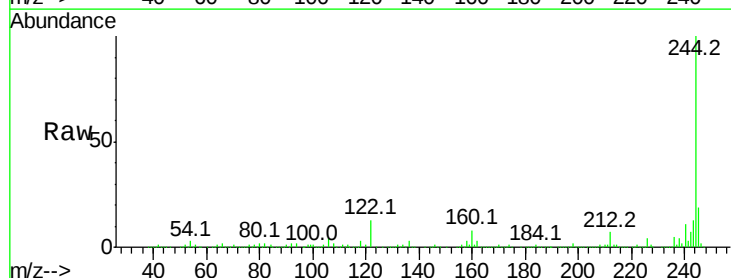
Tgt Ion:244 Resp: 1341663

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

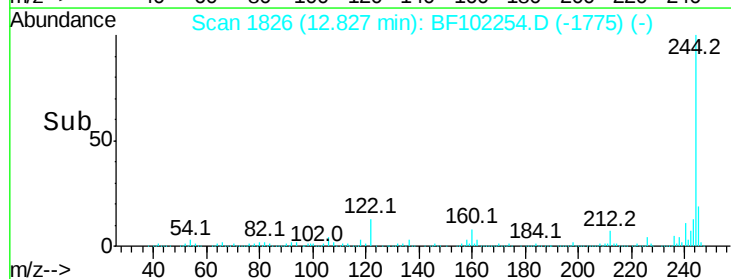
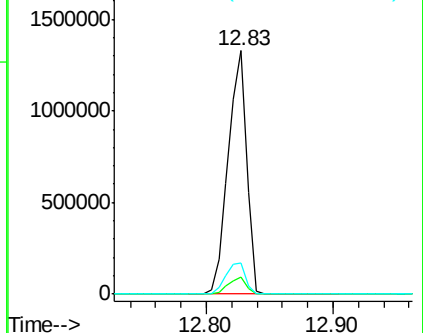
122 12.8 11.0 16.4

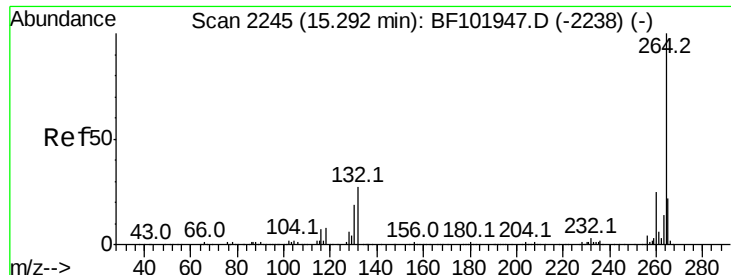


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

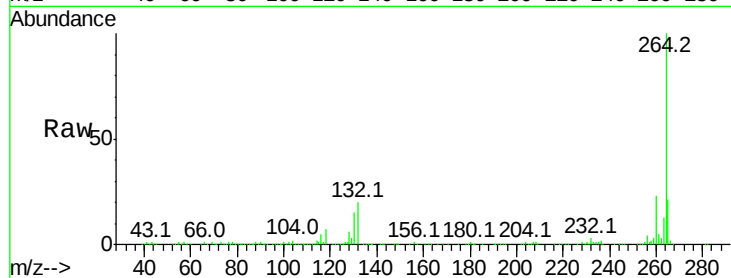




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102254.D
 Acq: 20 Jan 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	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

