

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102263.D
 Acq On : 20 Jan 2018 14:04
 Operator : SJ/JU
 Sample : J1115-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:21:46 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	158850	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	656012	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	272745	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	404499	20.00	ng	0.00
75) Chrysene-d12	13.87	240	301930	20.00	ng	0.00
86) Perylene-d12	15.29	264	290182	20.00	ng	0.00

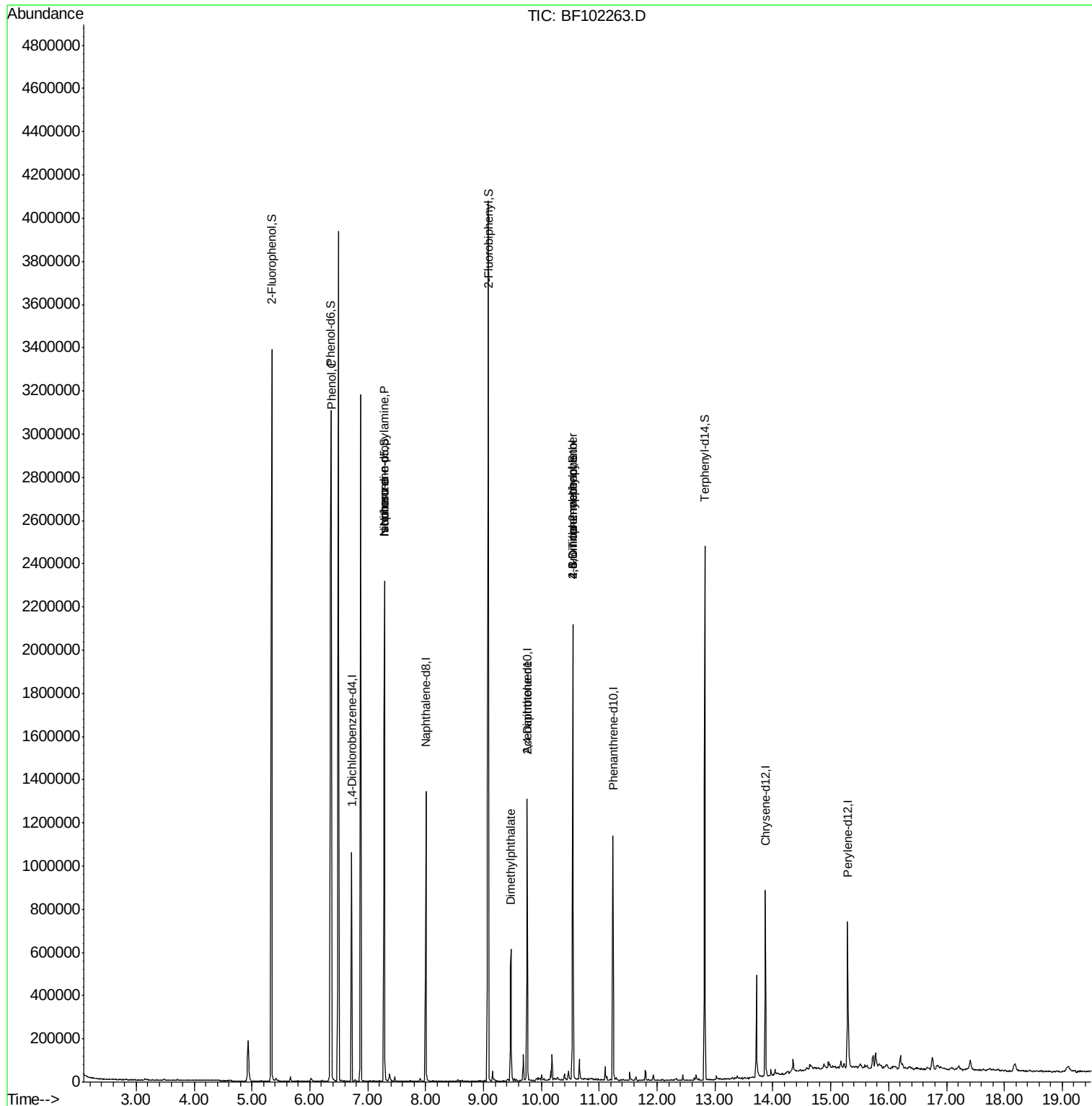
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1121202	99.67	ng	0.01
7) Phenol-d6	6.36	99	1349453	100.54	ng	0.00
23) Nitrobenzene-d5	7.29	82	832636	74.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	240527	101.05	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1273434	72.94	ng	0.00
78) Terphenyl-d14	12.82	244	857254	58.95	ng	0.00

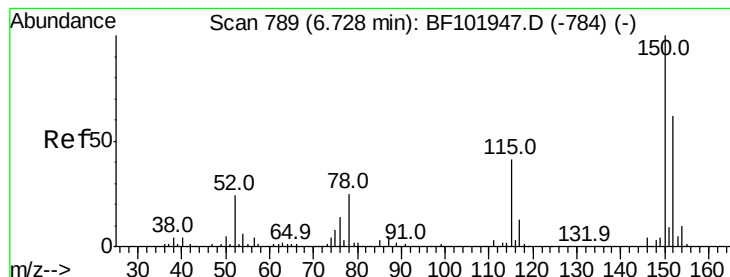
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	65636	4.327	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	110896	12.608	ng	# 79
25) Isophorone	7.29	82	828647	37.567	ng	# 64
49) Dimethylphthalate	9.47	163	237256	10.844	ng	98
56) 2,4-Dinitrotoluene	9.75	165	33935	6.195	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	470	5.851	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15598	3.651	ng	# 1

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

```
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Operator  : SJ/JU  
Sample    : J1115-11  
Misc      :  
ALS Vial  : 13      Sample Multiplier: 1
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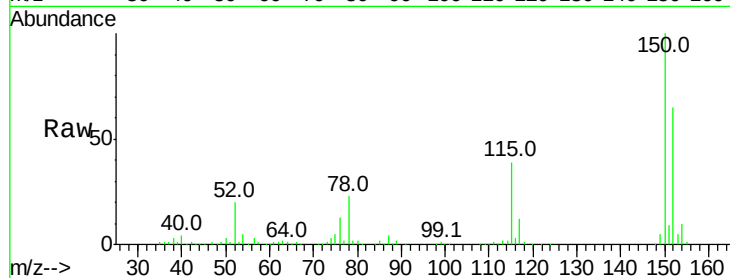


#1

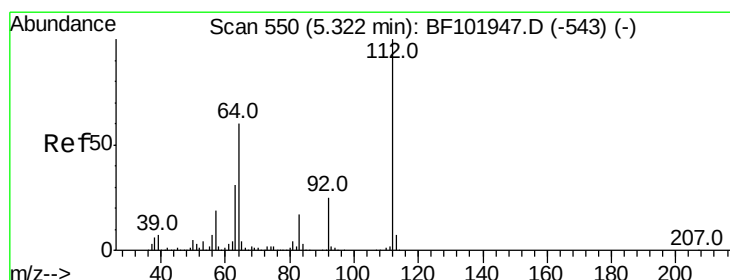
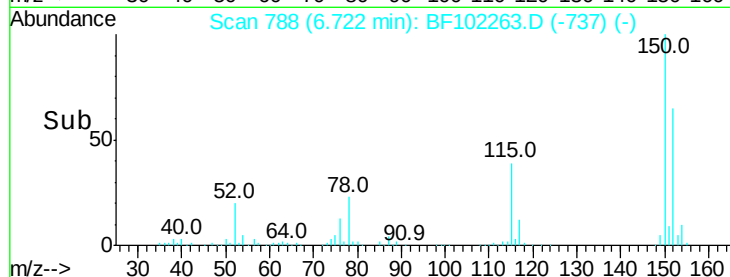
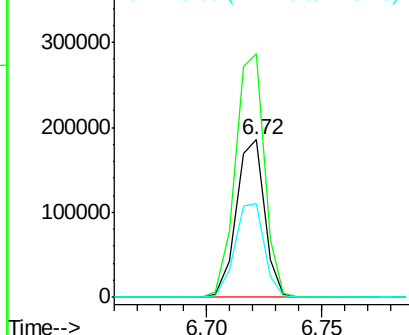
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102263.D
Acq: 20 Jan 2018 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158850
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.5 50.1 75.1



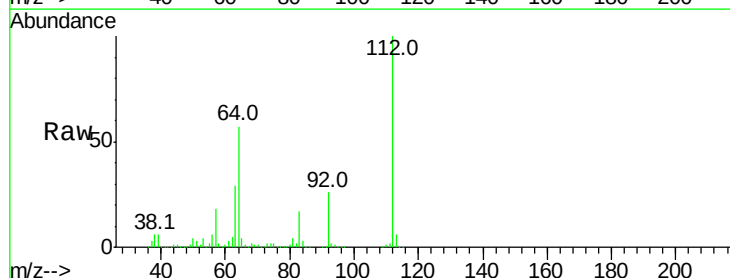
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



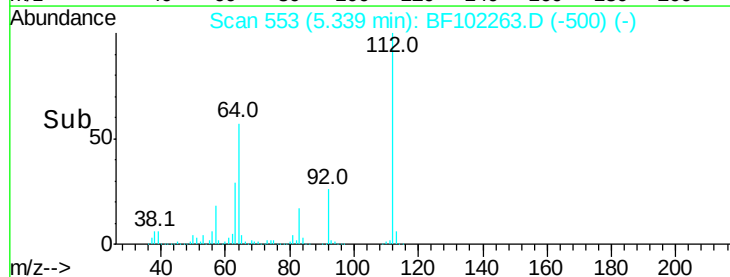
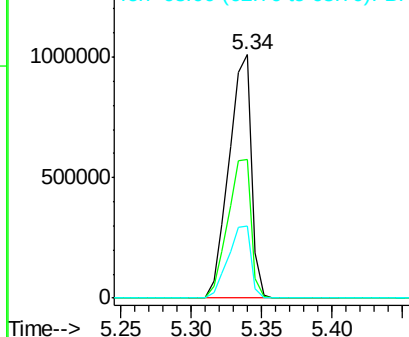
#5

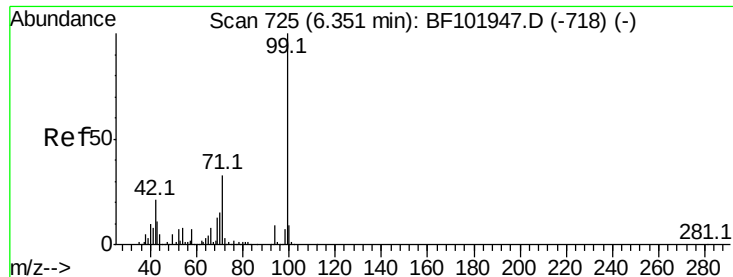
2-Fluorophenol
Concen: 99.668 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102263.D
Acq: 20 Jan 2018 14:04

Tgt Ion:112 Resp: 1121202
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 29.4 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: 100.543 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102263.D

Acq: 20 Jan 2018 14:04

Instrument :

BNA_F

ClientSampleId :

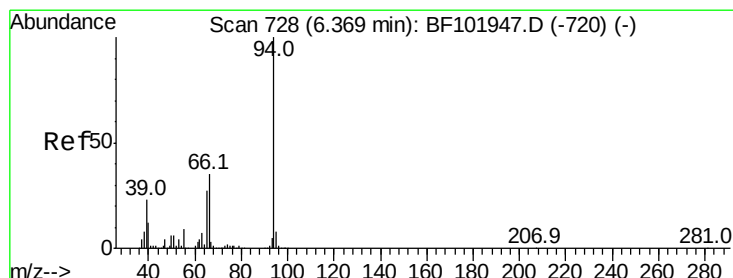
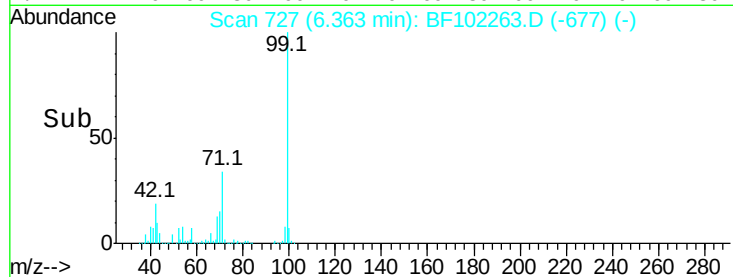
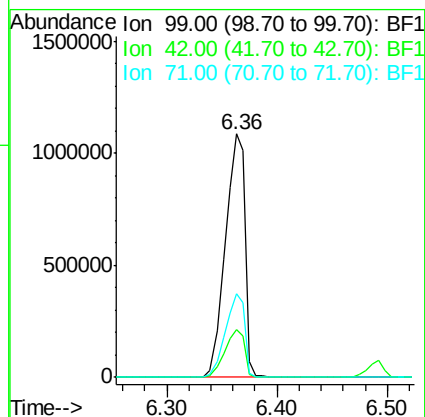
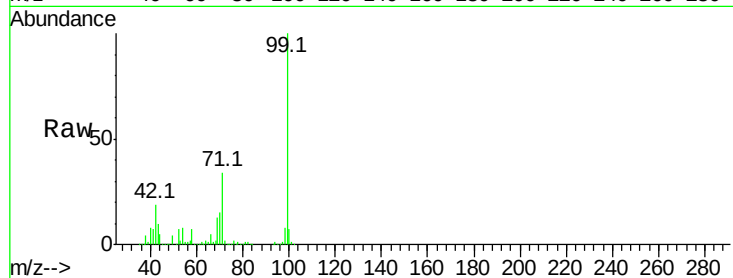
Tot Ion: 99 Resp: 1349453

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 34.5 25.4 38.0



#10

Phenol

Concen: 4.327 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102263.D

Acq: 20 Jan 2018 14:04

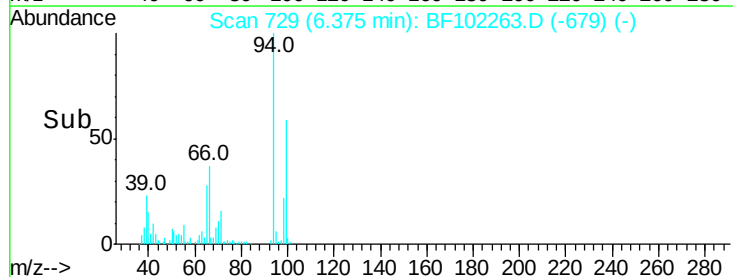
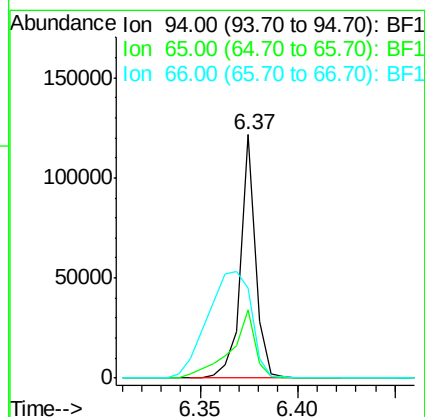
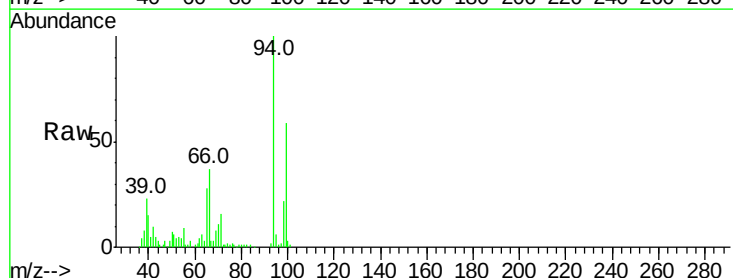
Tgt Ion: 94 Resp: 65636

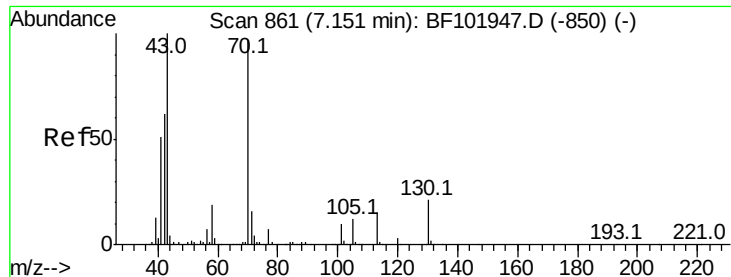
Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 36.9 16.2 56.2

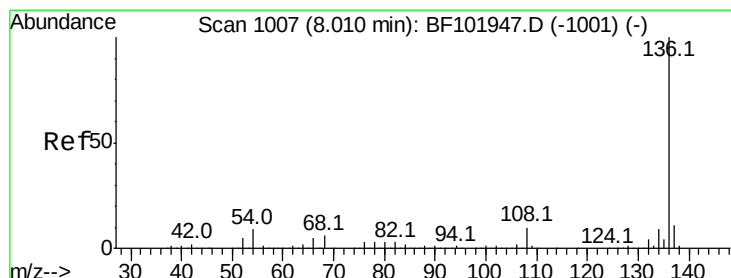
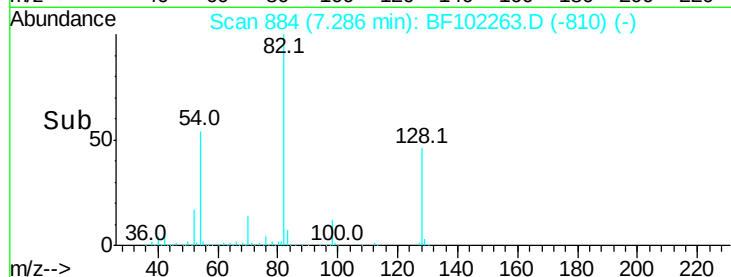
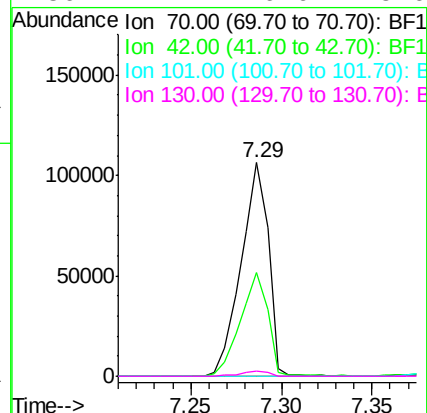
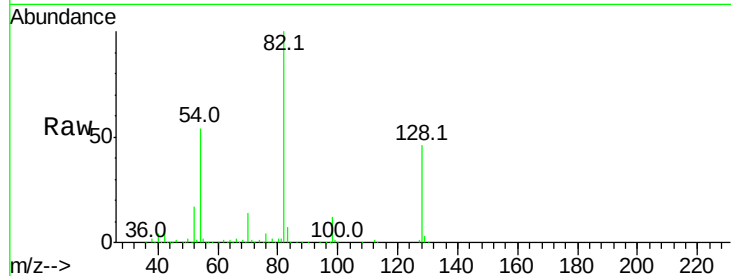




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.608 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.14 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

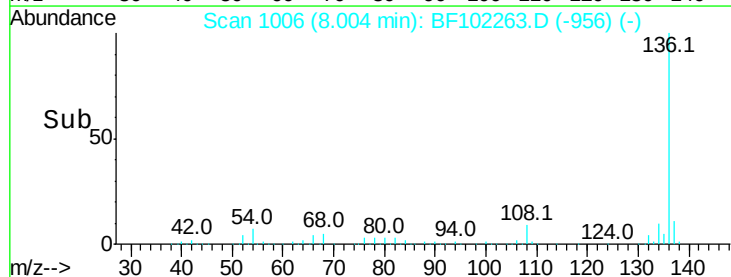
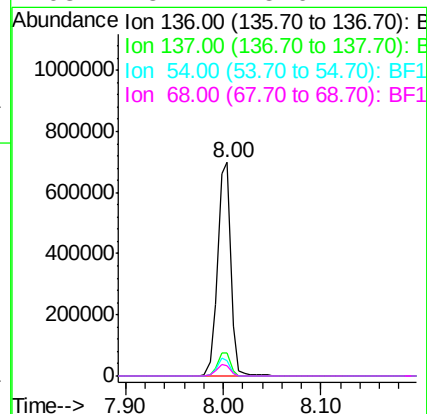
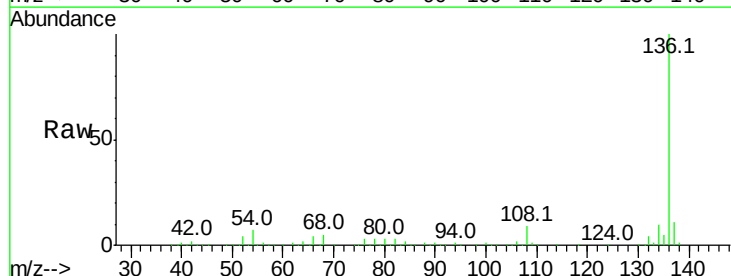
Instrument :
 BNA_F
 ClientSampleId :

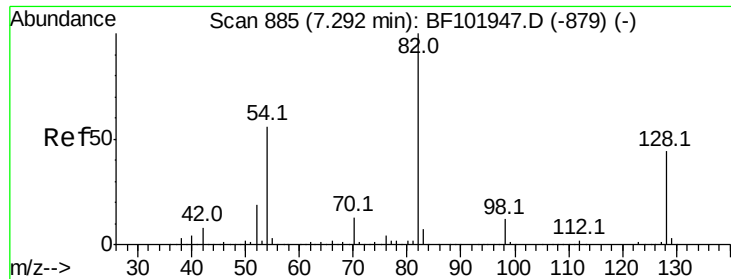
Tot Ion: 70 Resp: 110896
 Ion Ratio Lower Upper
 70 100
 42 48.8 47.5 71.3
 101 0.0 7.4 11.2#
 130 2.2 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

Tgt Ion: 136 Resp: 656012
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.9 13.3
 54 7.3 6.6 9.8
 68 5.1 5.0 7.4

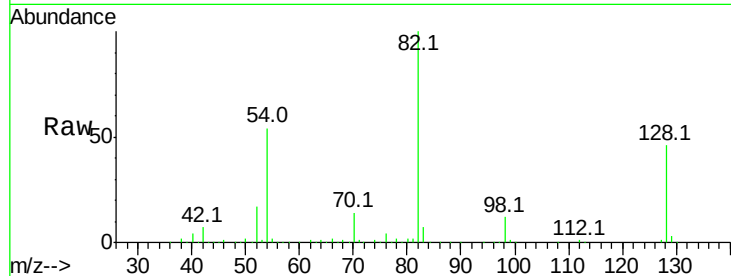




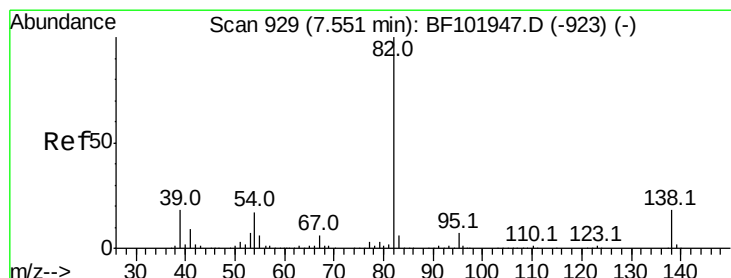
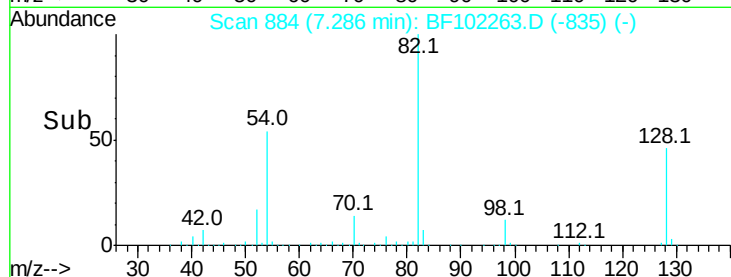
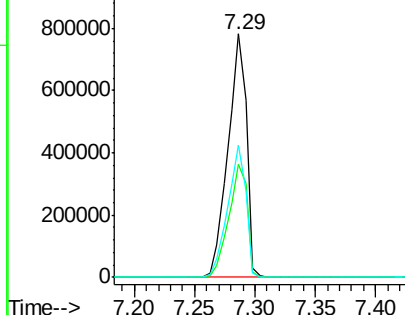
#23
 Nitrobenzene-d5
 Concen: 74.586 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	832636
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	54.2	41.4	62.2

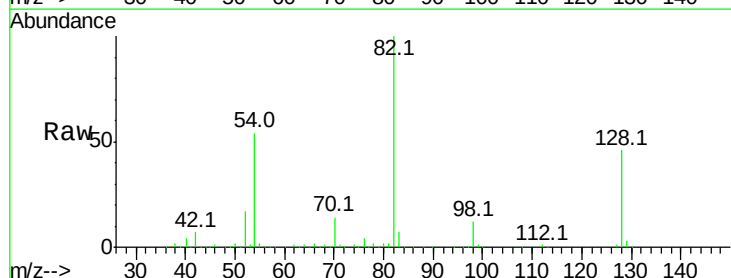


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

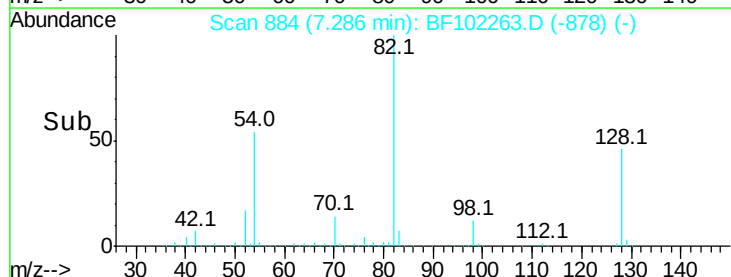
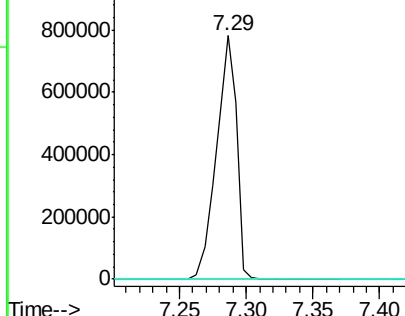


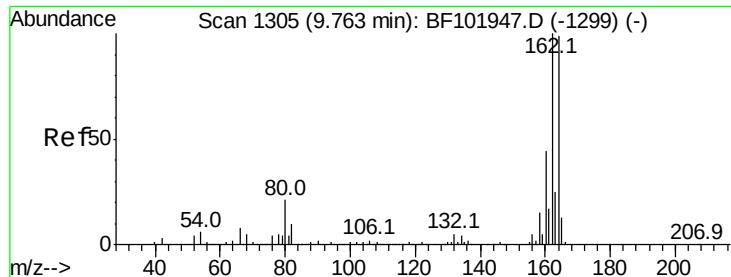
#25
 Isophorone
 Concen: 37.567 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

Tgt Ion	82	Resp	828647
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: BF102263.D

Acq: 20 Jan 2018 14:04

Instrument :

BNA_F

ClientSampleId :

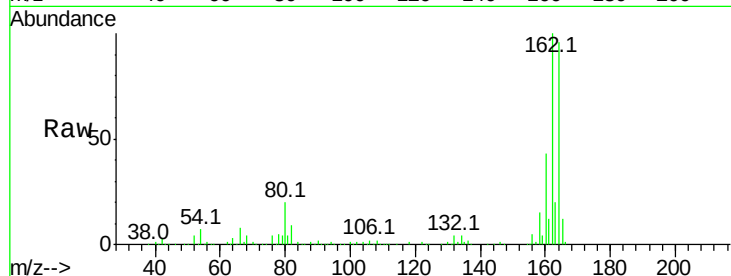
Tot Ion:164 Resp: 272745

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

160 44.5 38.3 57.5



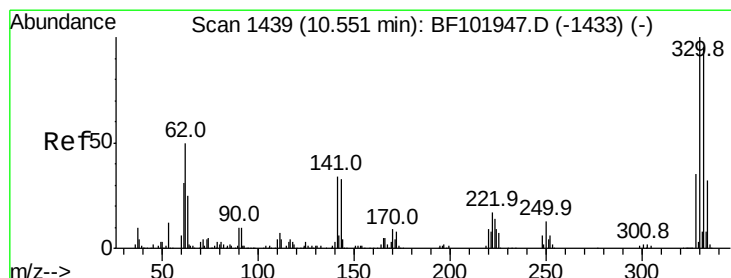
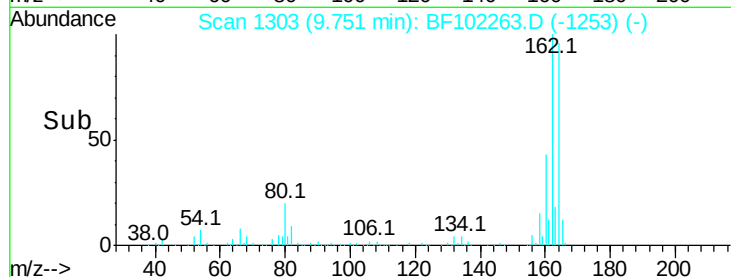
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.75

Time-->



#41

2,4,6-Tribromophenol

Concen: 101.053 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102263.D

Acq: 20 Jan 2018 14:04

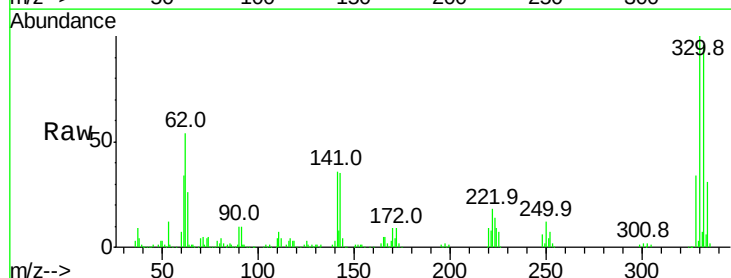
Tgt Ion:330 Resp: 240527

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 37.5 29.9 44.9



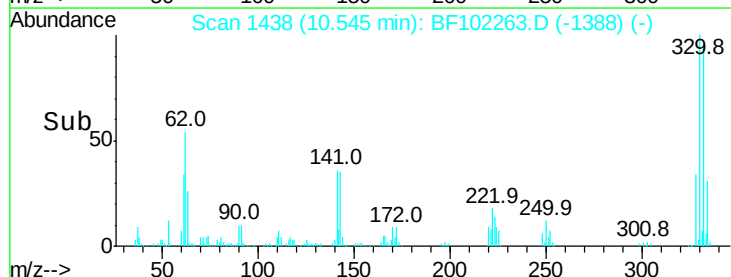
Abundance Ion 329.80 (329.50 to 330.50): E

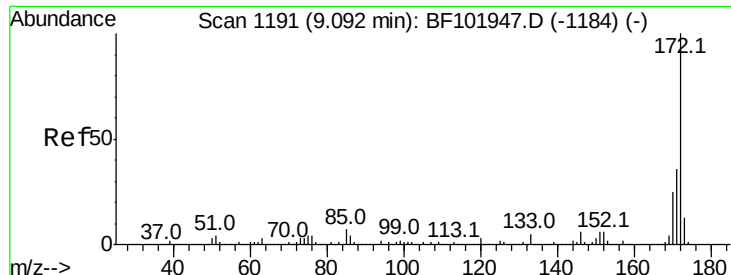
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.54

Time-->

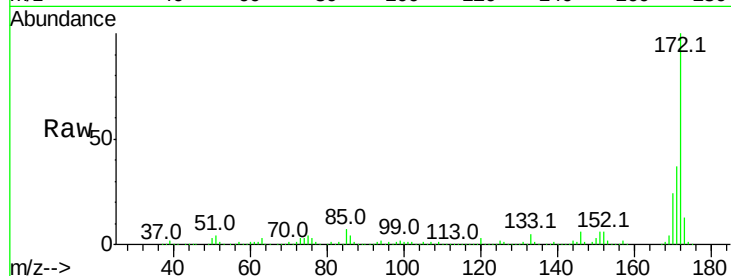




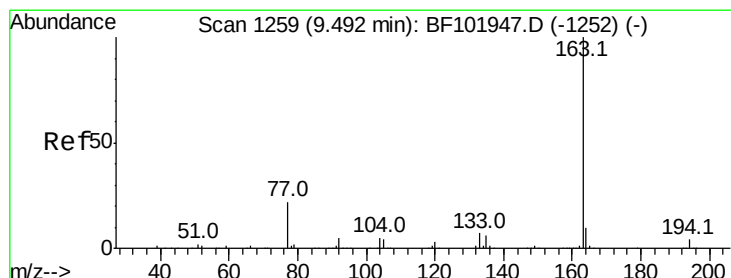
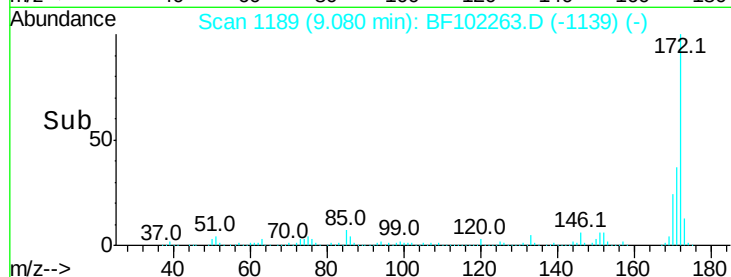
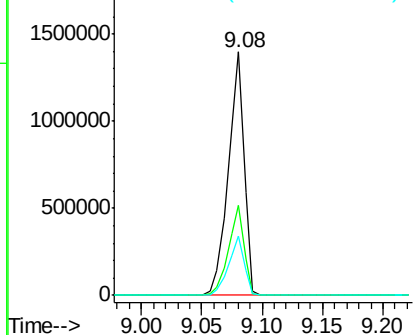
#44
2-Fluorobiphenyl
Concen: 72.942 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102263.D
Acq: 20 Jan 2018 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1273434
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.1 19.6 29.4

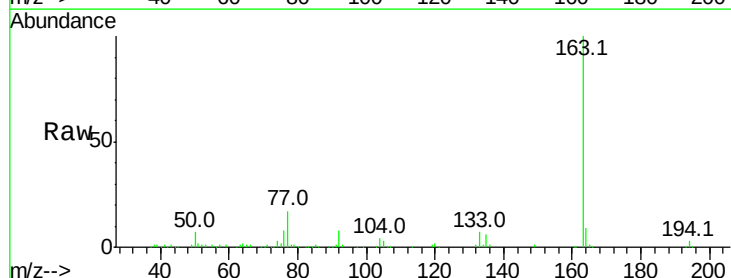


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

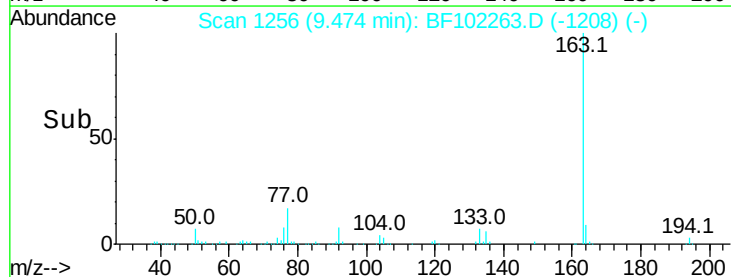
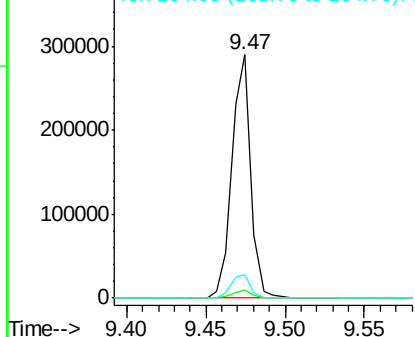


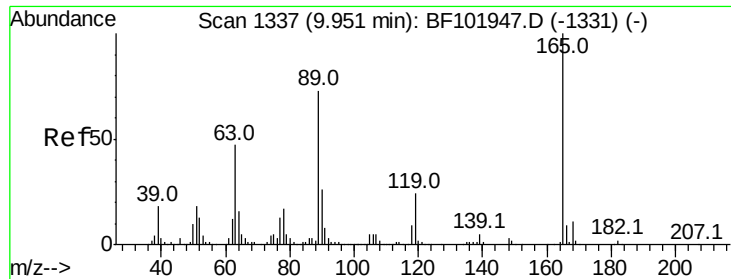
#49
Dimethylphthalate
Concen: 10.844 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102263.D
Acq: 20 Jan 2018 14:04

Tgt Ion:163 Resp: 237256
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.4 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

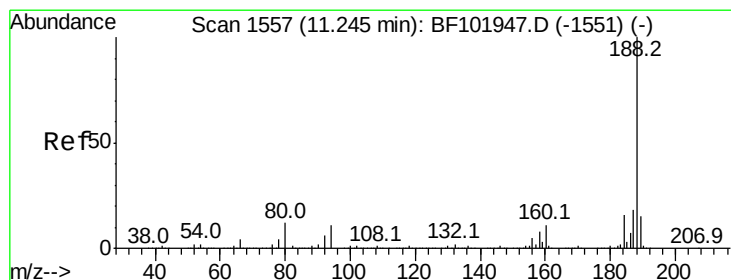
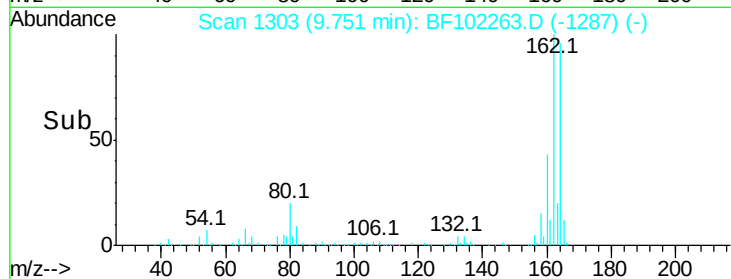
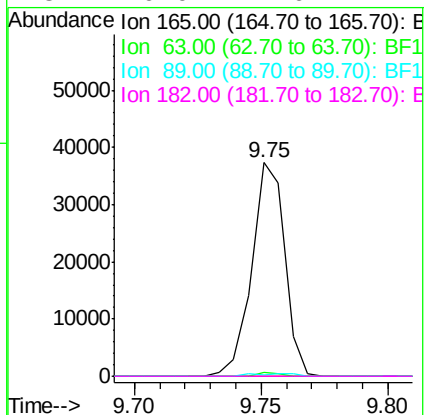
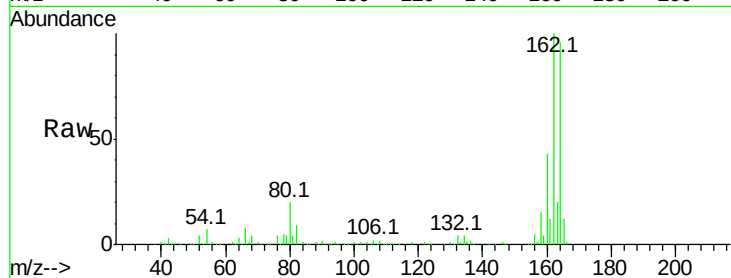




#56
 2,4-Dinitrotoluene
 Concen: 6.195 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

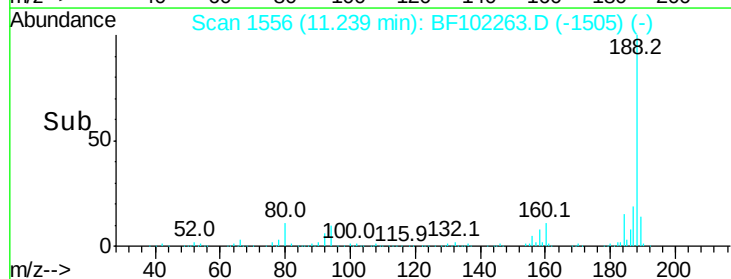
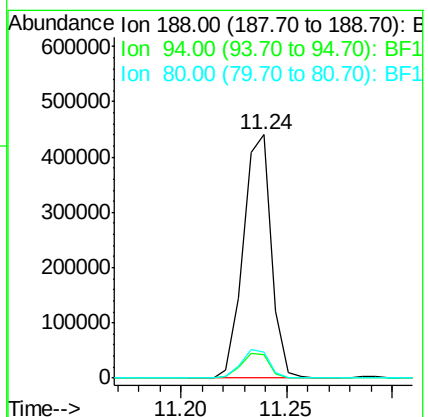
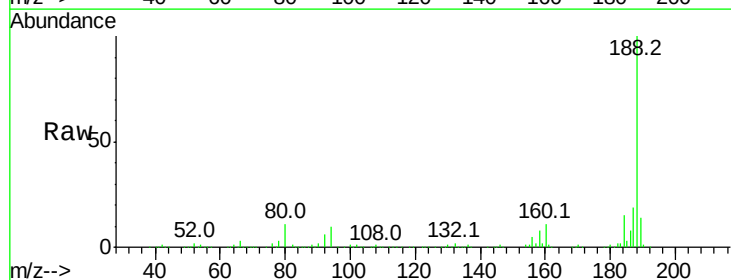
Instrument :
 BNA_F
 ClientSampled :

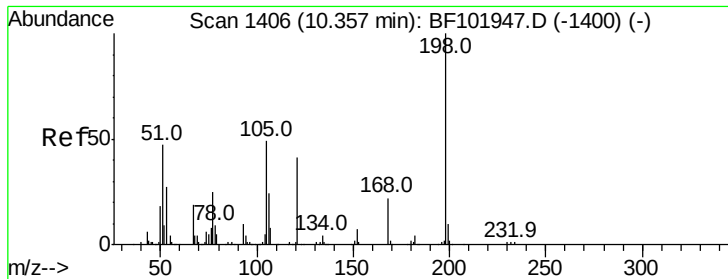
Tot Ion:	165	Resp:	33935
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

Tgt Ion:	188	Resp:	404499
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.6	9.2	13.8

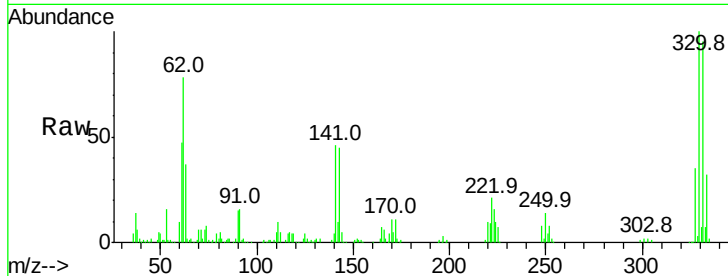




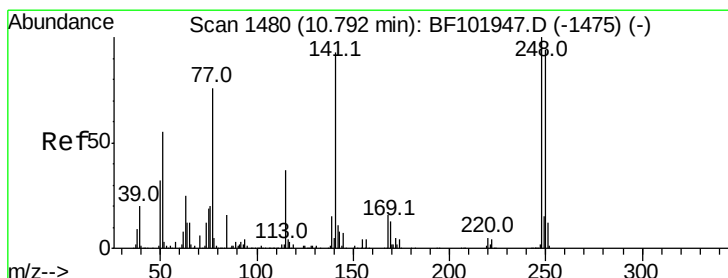
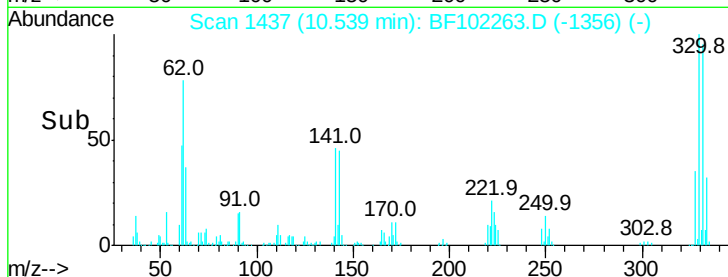
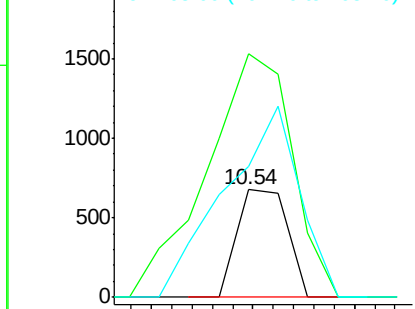
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.851 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 470
 Ion Ratio Lower Upper
 198 100
 51 226.8 37.7 77.7#
 105 122.1 36.3 76.3#

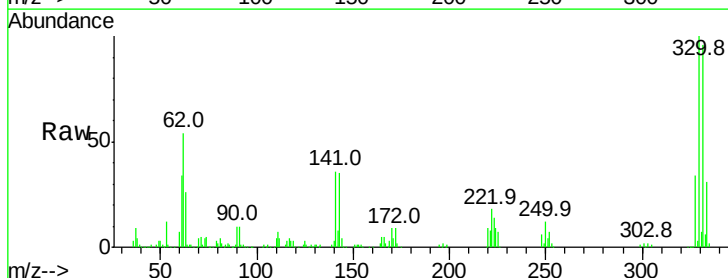


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

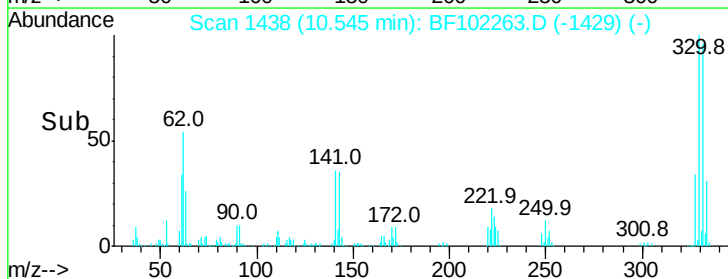
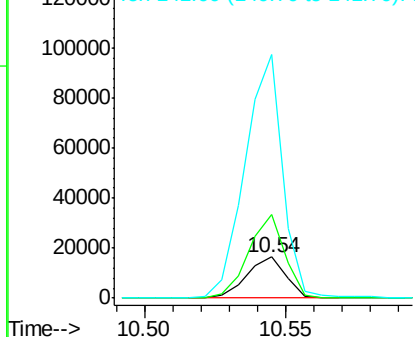


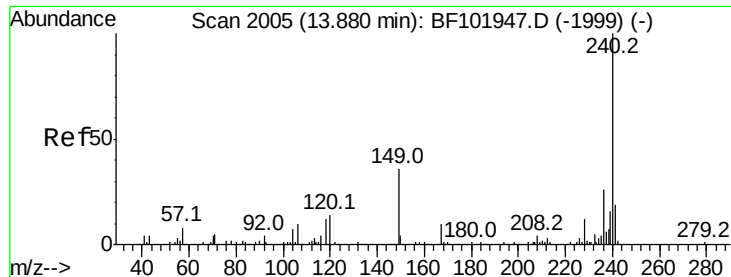
#66
 4-Bromophenyl-phenylether
 Concen: 3.651 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

Tgt Ion:248 Resp: 15598
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.9 115.3#
 141 595.6 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

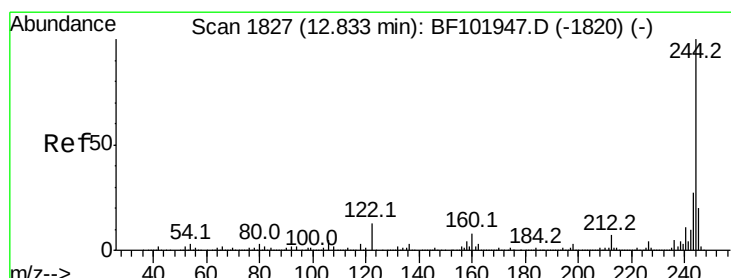
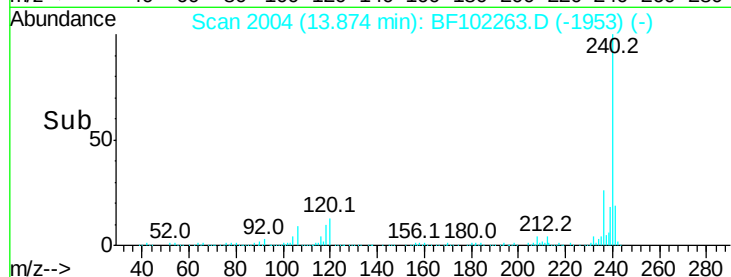
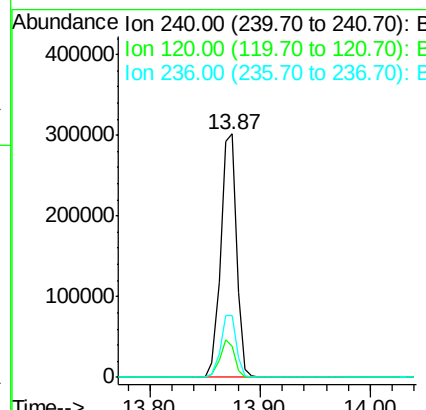
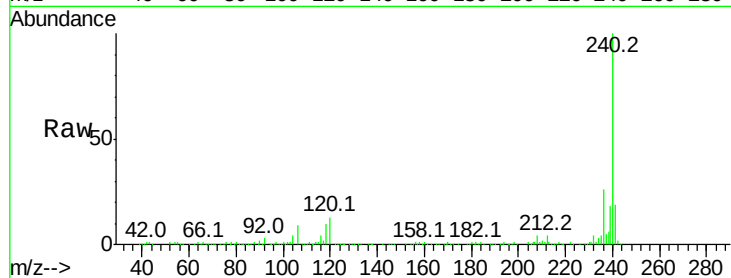




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

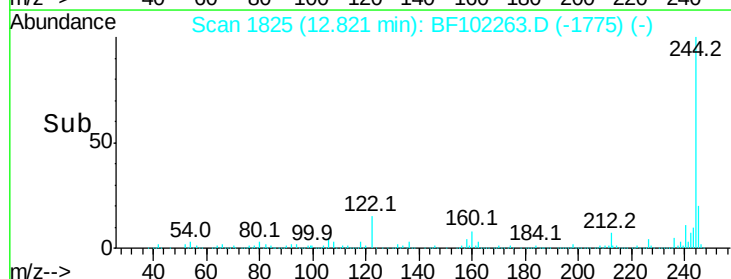
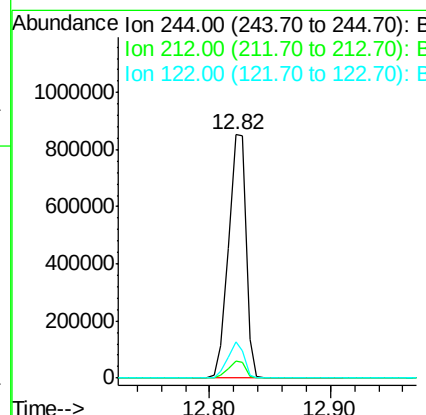
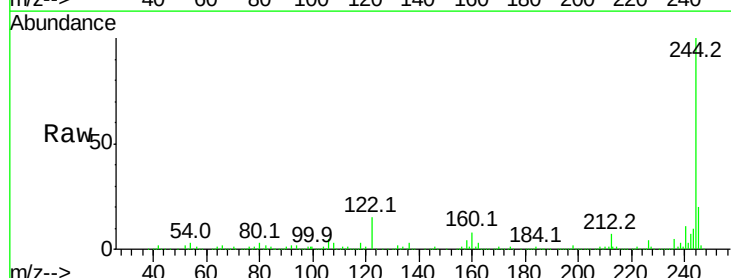
Instrument :
 BNA_F
 ClientSampleId :

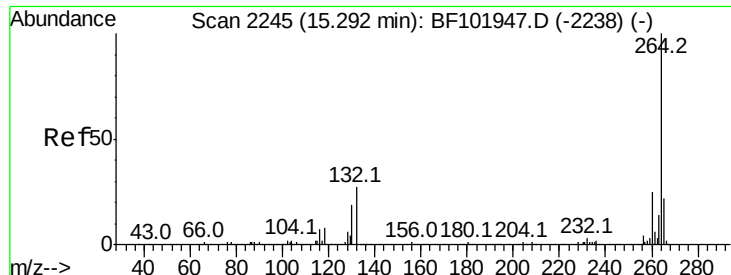
Tot Ion:240 Resp: 301930
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 58.950 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102263.D
 Acq: 20 Jan 2018 14:04

Tgt Ion:244 Resp: 857254
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.8 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102263.D
Acq: 20 Jan 2018 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.7	17.5	26.3

