

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102262.D
 Acq On : 20 Jan 2018 13:37
 Operator : SJ/JU
 Sample : J1115-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:21:30 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

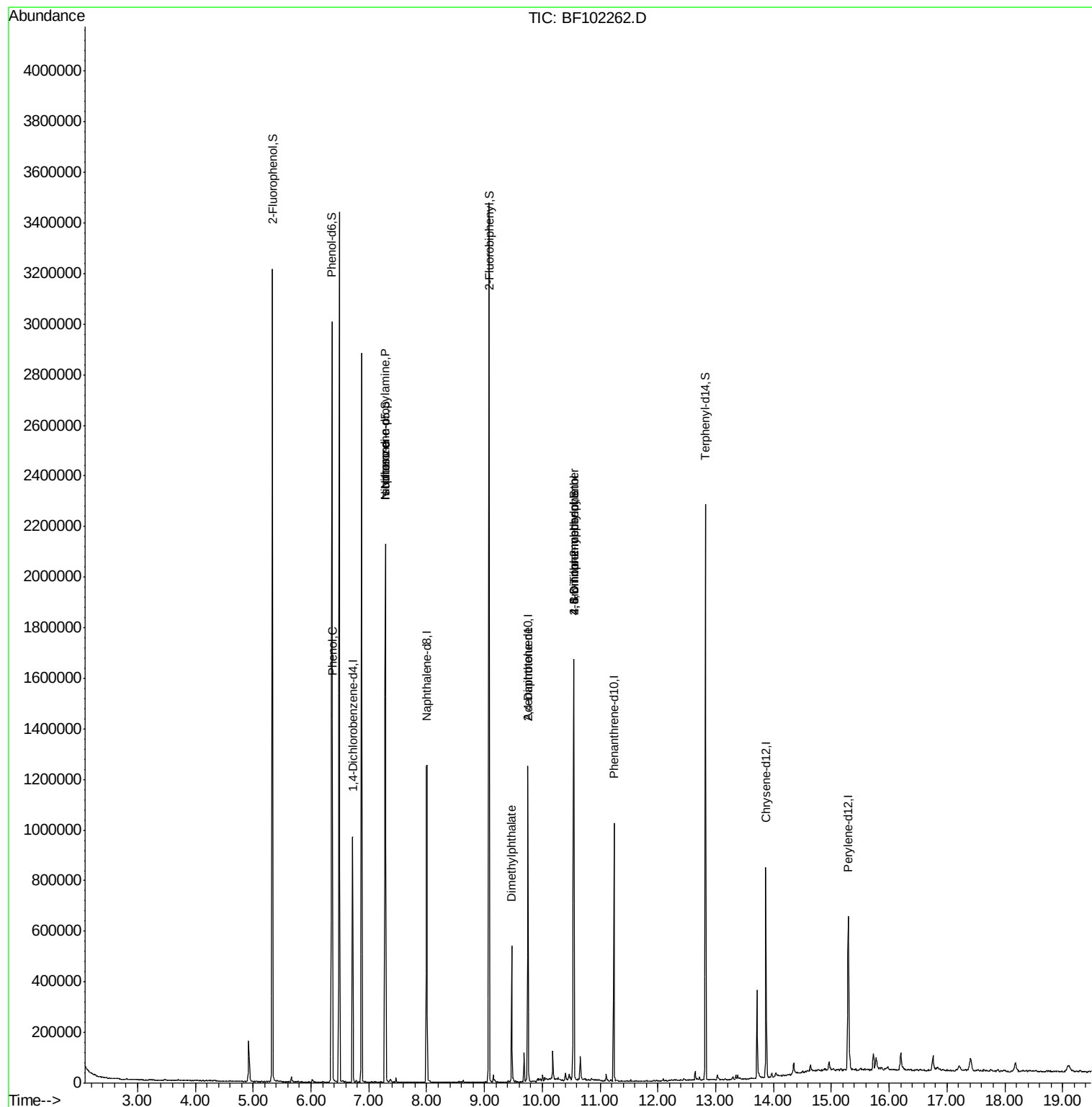
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150194	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	604786	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	244817	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	363634	20.00	ng	0.00
75) Chrysene-d12	13.87	240	278107	20.00	ng	0.00
86) Perylene-d12	15.29	264	263891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	948874	89.21	ng	0.00
7) Phenol-d6	6.36	99	1127029	88.81	ng	0.00
23) Nitrobenzene-d5	7.29	82	694320	67.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	194934	91.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1094926	69.87	ng	0.00
78) Terphenyl-d14	12.82	244	705391	52.66	ng	0.00
Target Compounds						
10) Phenol	6.37	94	43623	3.042	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	92771	11.155	ng	# 79
25) Isophorone	7.29	82	691930	34.025	ng	# 64
49) Dimethylphthalate	9.47	163	219086	11.155	ng	98
56) 2,4-Dinitrotoluene	9.75	165	32373	6.584	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	418	5.849	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	12983	3.381	ng	# 1

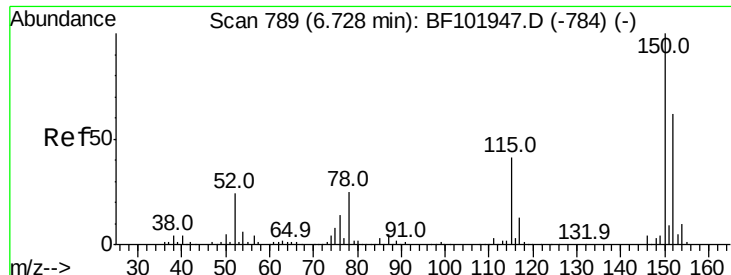
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102262.D
Acq On : 20 Jan 2018 13:37
Operator : SJ/JU
Sample : J1115-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jan 22 01:21:30 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



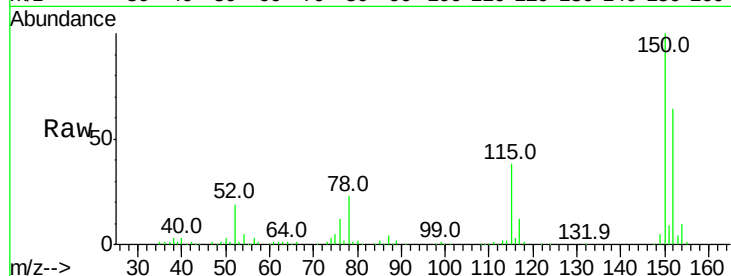


#1

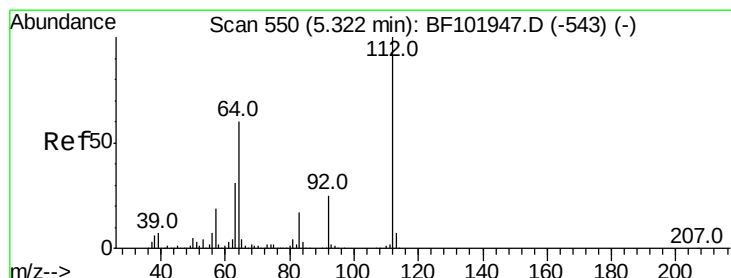
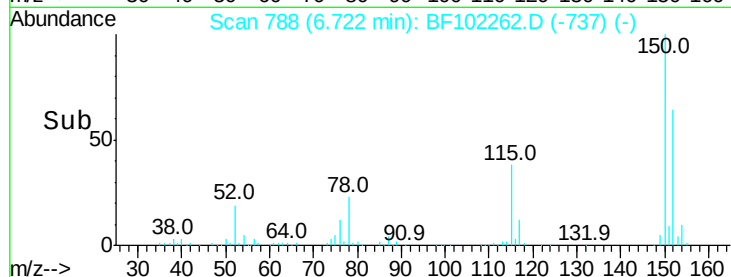
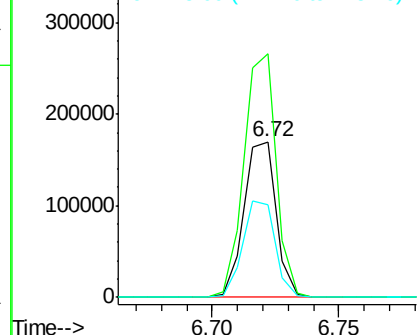
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102262.D
Acq: 20 Jan 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150194
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 60.0 50.1 75.1



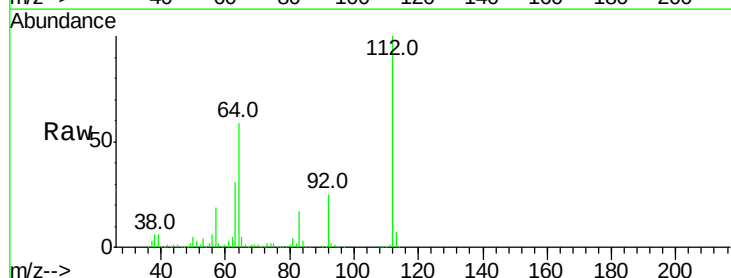
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



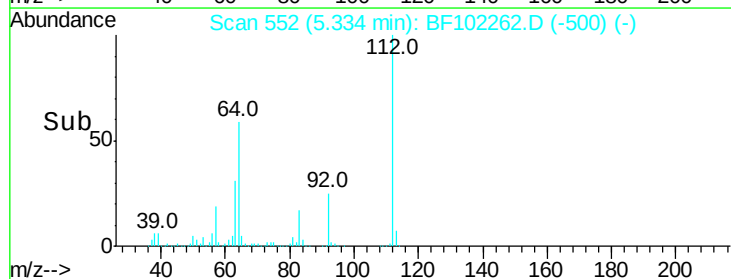
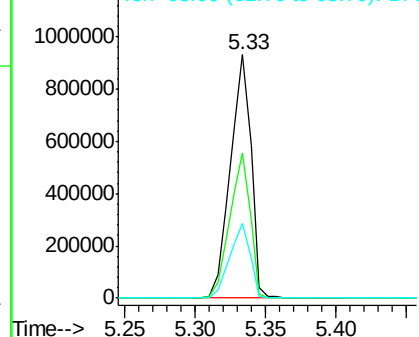
#5

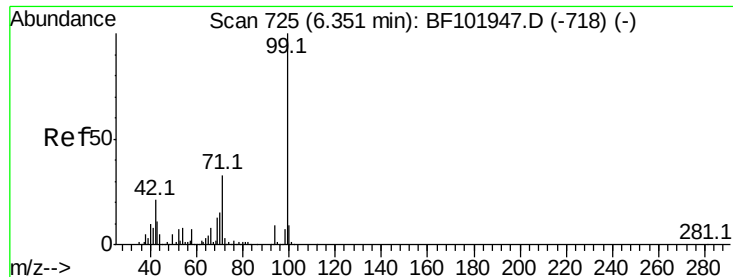
2-Fluorophenol
Concen: 89.210 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102262.D
Acq: 20 Jan 2018 13:37

Tgt Ion:112 Resp: 948874
Ion Ratio Lower Upper
112 100
64 59.4 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: 88.811 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

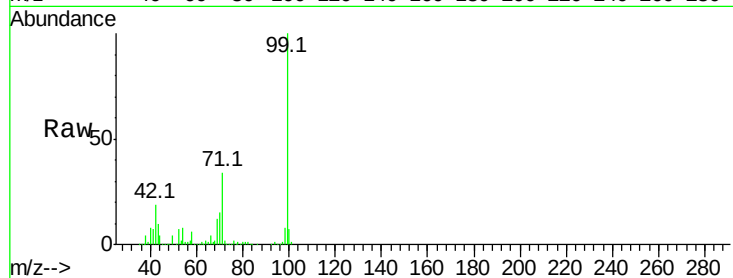
Tot Ion: 99 Resp: 1127029

Ion Ratio Lower Upper

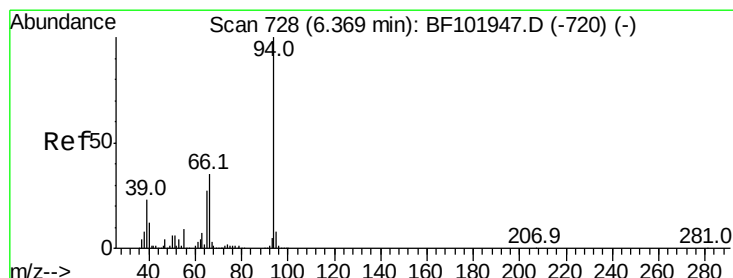
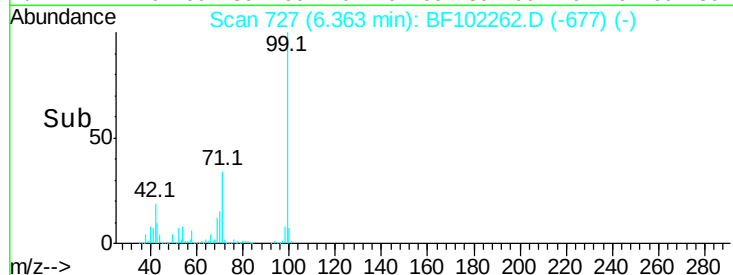
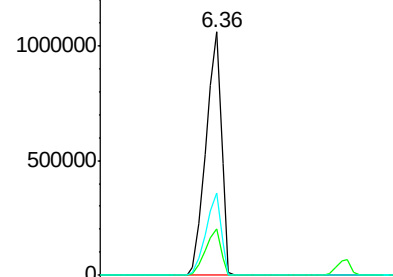
99 100

42 19.3 14.5 21.7

71 33.6 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: 3.042 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

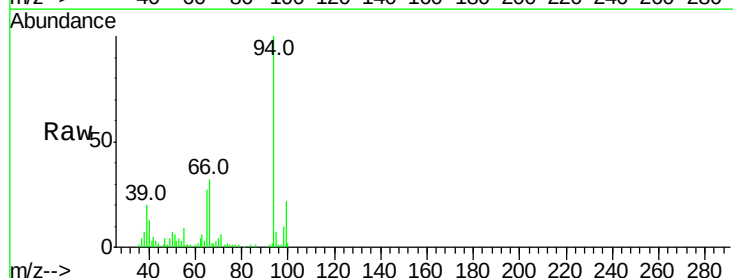
Tgt Ion: 94 Resp: 43623

Ion Ratio Lower Upper

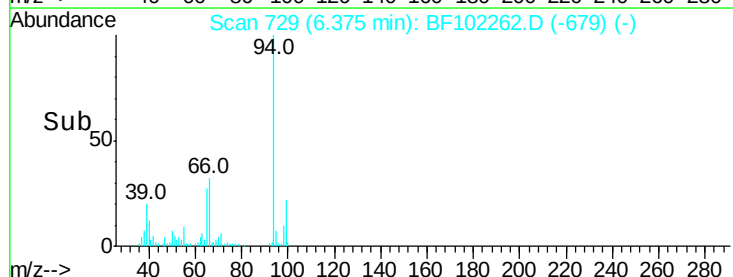
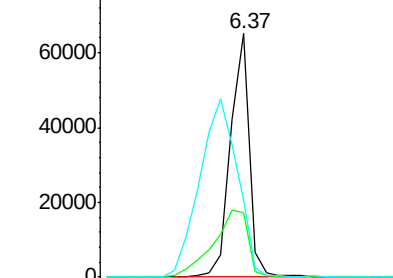
94 100

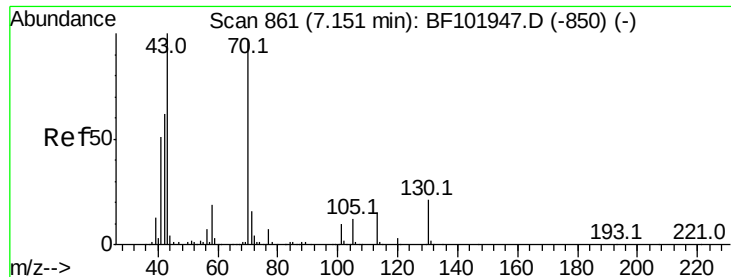
65 26.6 7.9 47.9

66 31.8 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

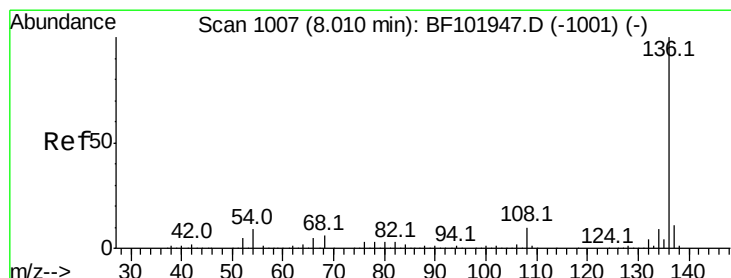
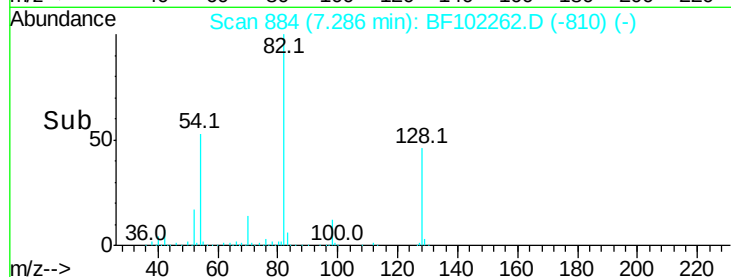
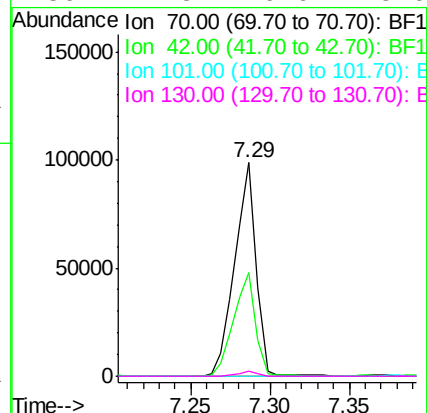
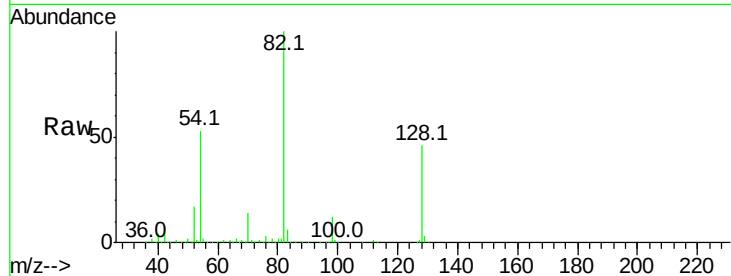




#19
n-Nitroso-di-n-propylamine
Concen: 11.155 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102262.D
Acq: 20 Jan 2018 13:37

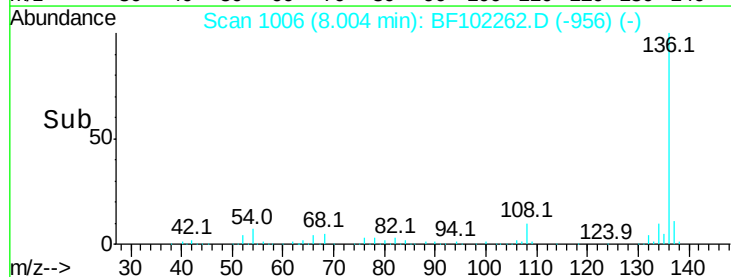
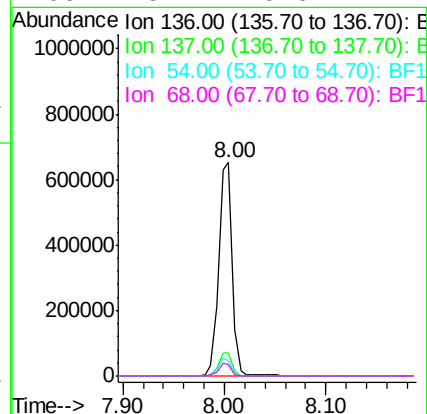
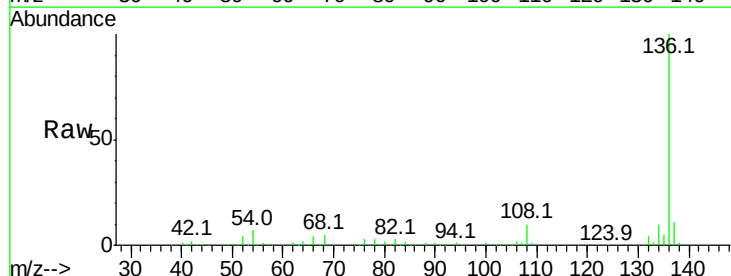
Instrument :
BNA_F
ClientSampleId :

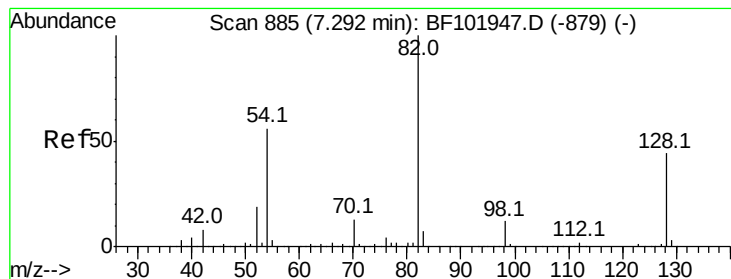
Tot Ion: 70 Resp: 92771
Ion Ratio Lower Upper
70 100
42 48.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102262.D
Acq: 20 Jan 2018 13:37

Tgt Ion: 136 Resp: 604786
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.9 6.6 9.8
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 67.464 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

Instrument :

BNA_F

ClientSampled :

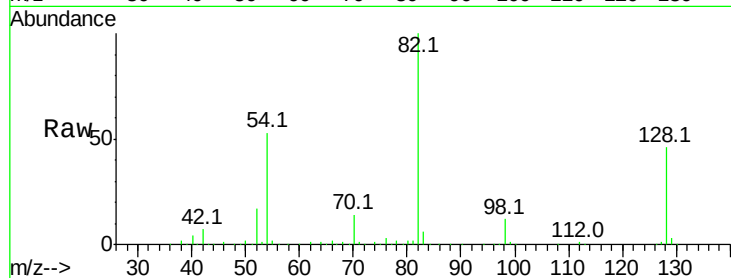
Tot Ion: 82 Resp: 694320

Ion Ratio Lower Upper

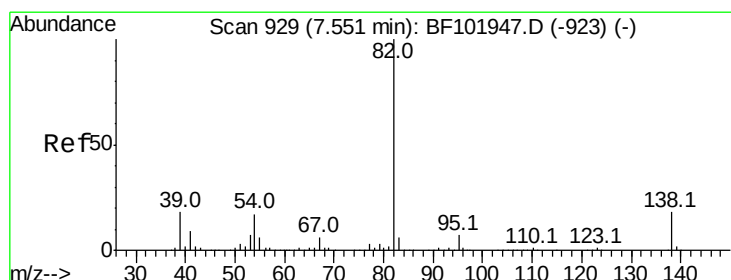
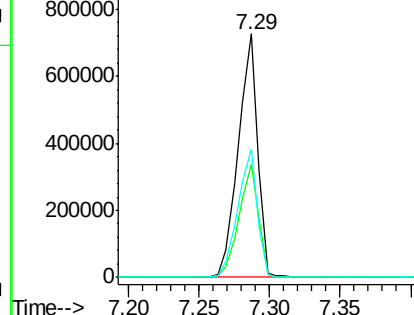
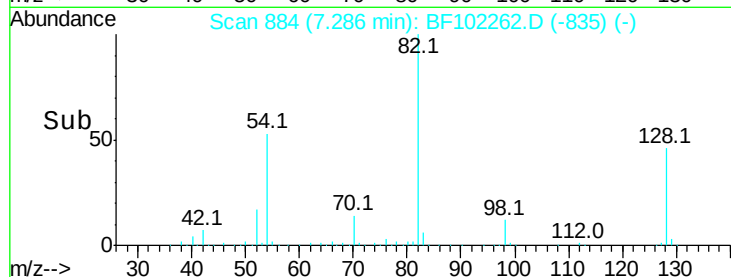
82 100

128 46.3 36.1 54.1

54 52.9 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: 34.025 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

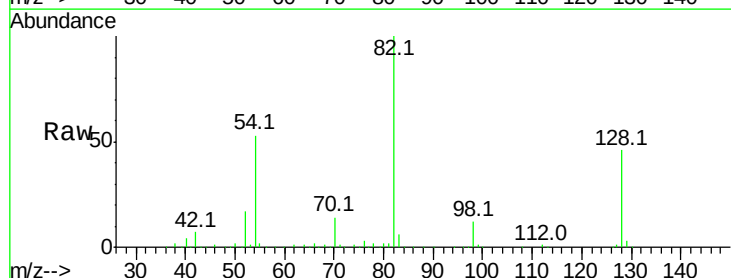
Tgt Ion: 82 Resp: 691930

Ion Ratio Lower Upper

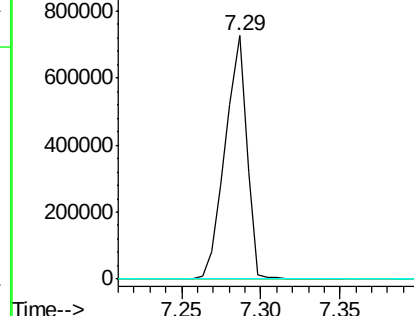
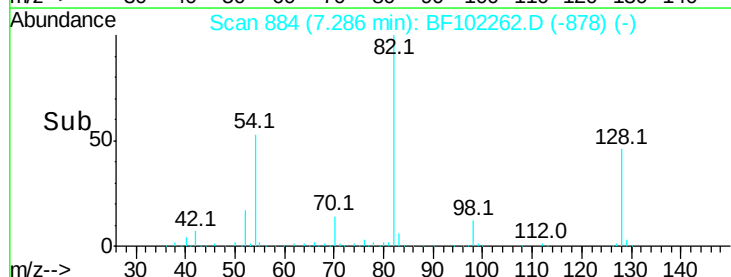
82 100

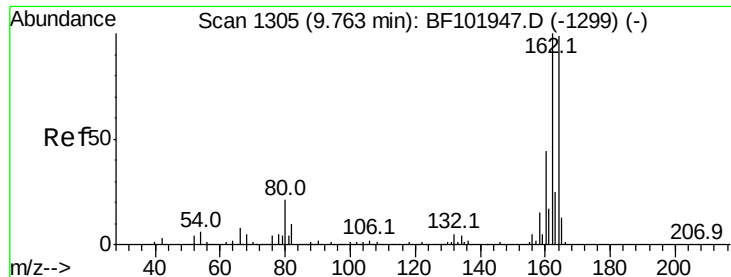
95 0.0 5.2 7.8#

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

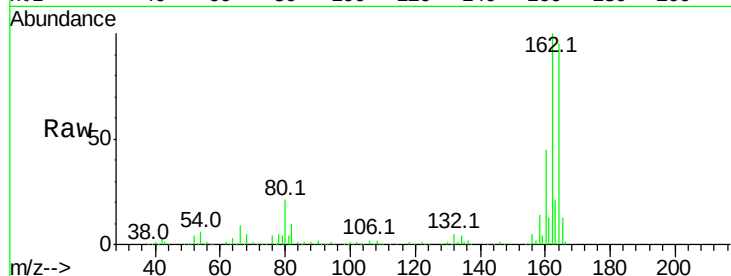




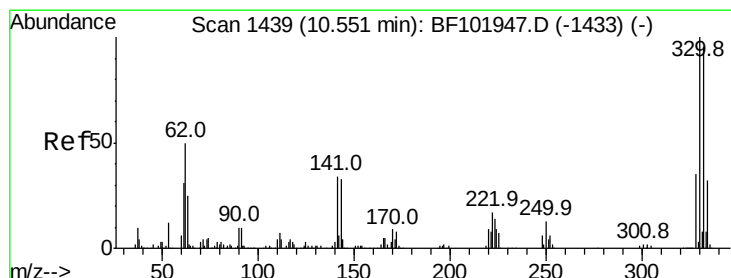
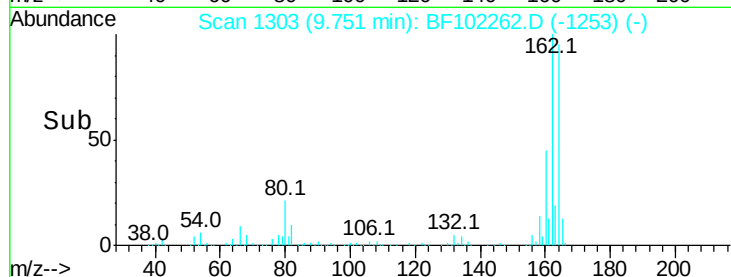
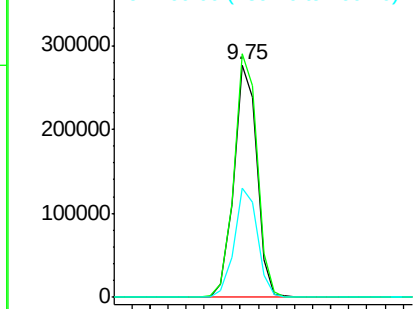
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102262.D
 Acq: 20 Jan 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 244817
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 46.8 38.3 57.5

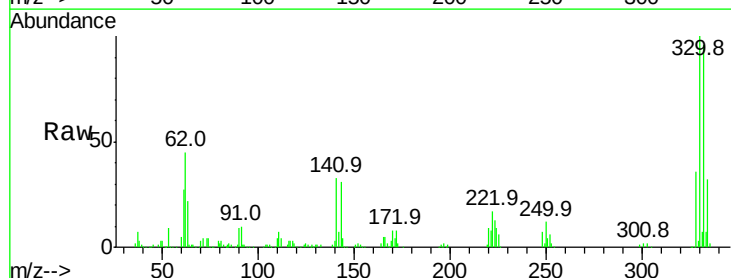


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

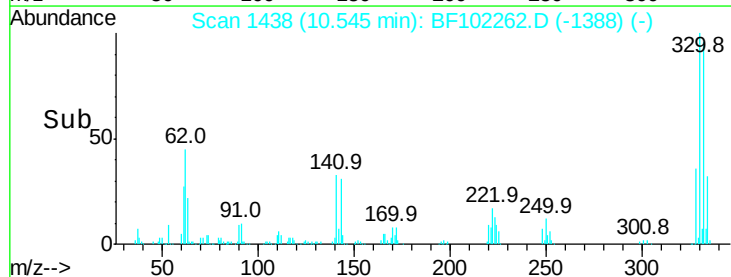
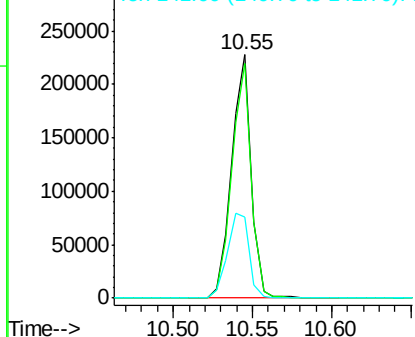


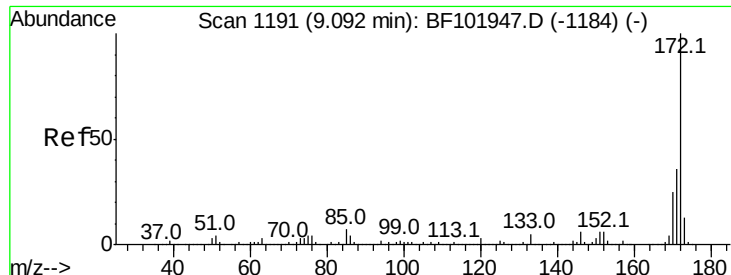
#41
 2,4,6-Tribromophenol
 Concen: 91.240 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102262.D
 Acq: 20 Jan 2018 13:37

Tgt Ion:330 Resp: 194934
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 38.8 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

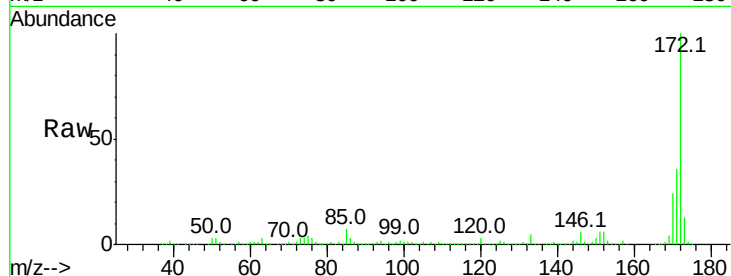




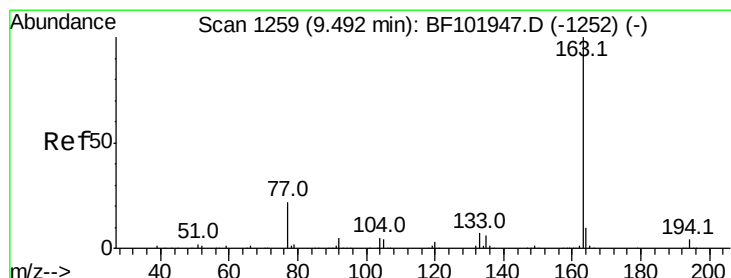
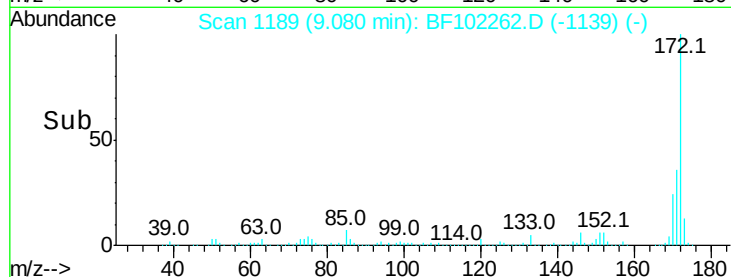
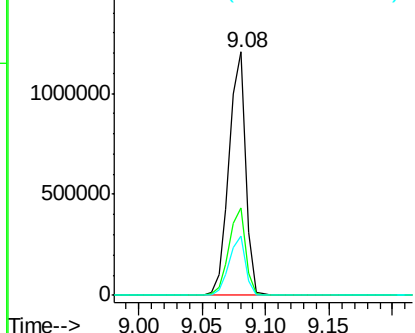
#44
2-Fluorobiphenyl
Concen: 69.871 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102262.D
Acq: 20 Jan 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1094926
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.4 19.6 29.4

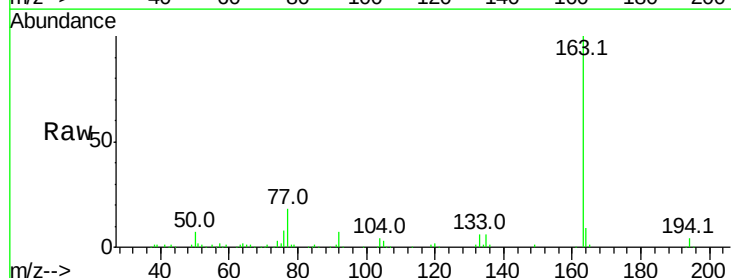


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

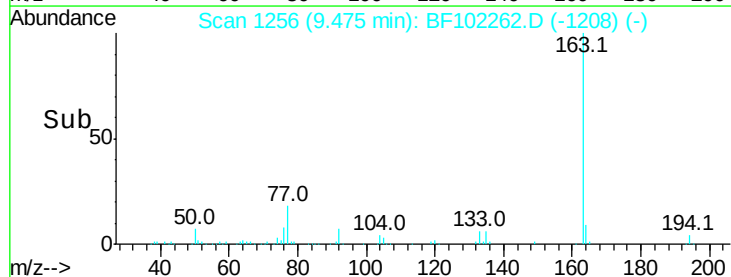
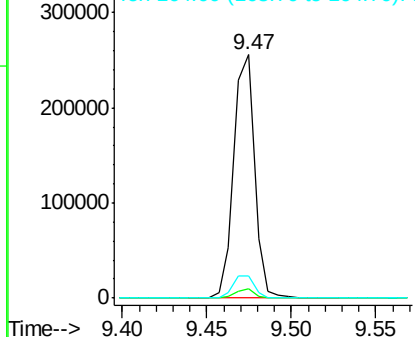


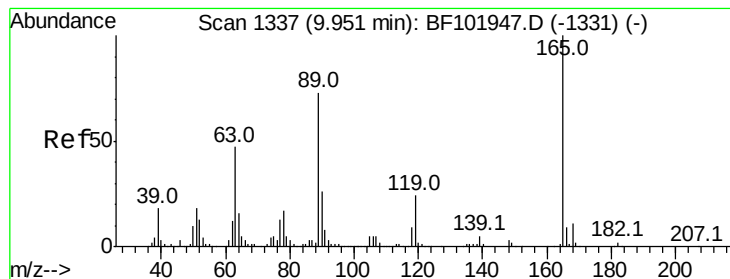
#49
Dimethylphthalate
Concen: 11.155 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102262.D
Acq: 20 Jan 2018 13:37

Tgt Ion:163 Resp: 219086
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.3 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: 6.584 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 32373

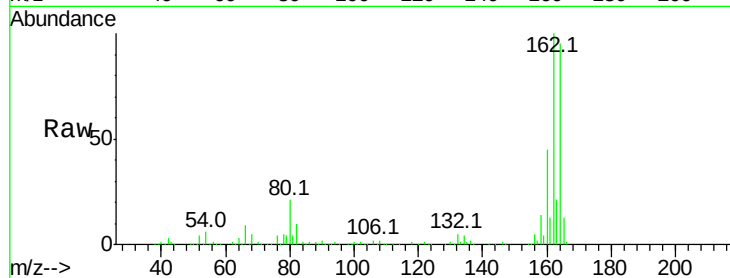
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 0.9 57.8 86.6#

182 0.0 1.6 2.4#

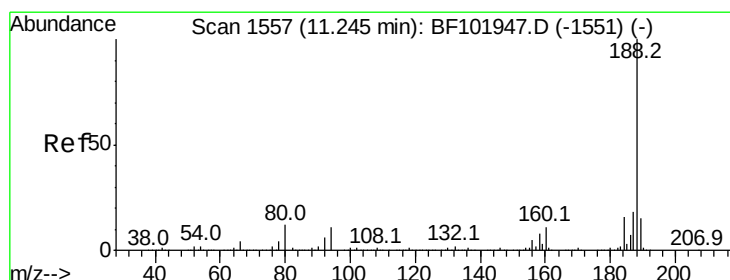
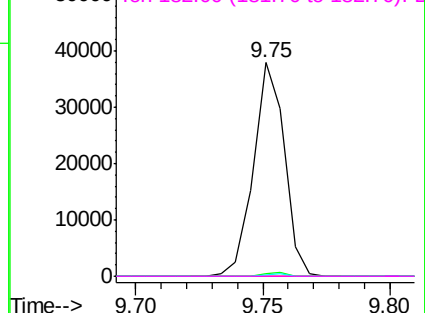
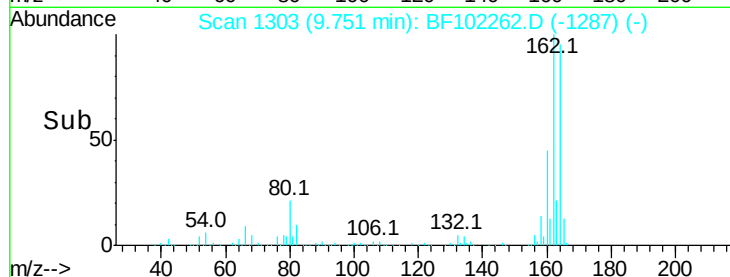


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

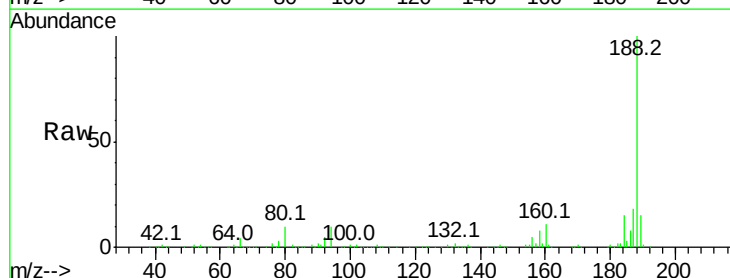
Tgt Ion:188 Resp: 363634

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

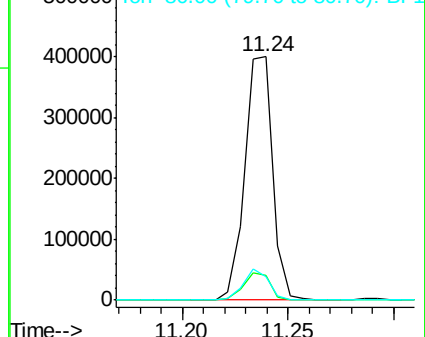
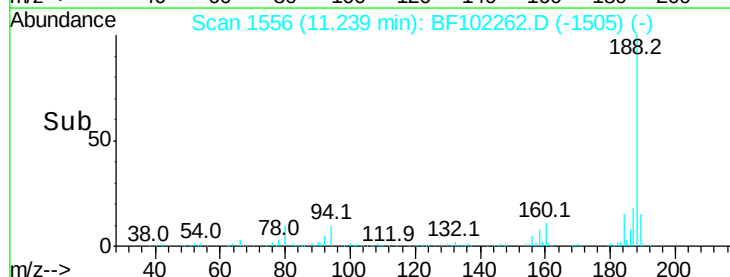
80 9.6 9.2 13.8

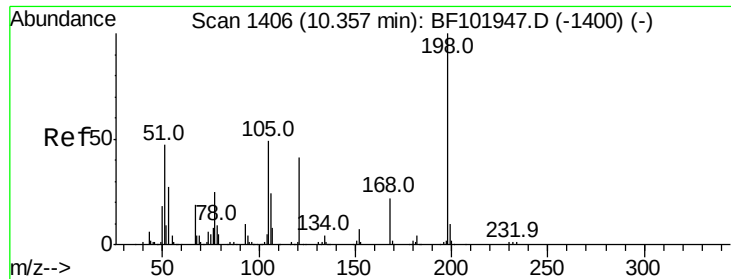


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.849 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

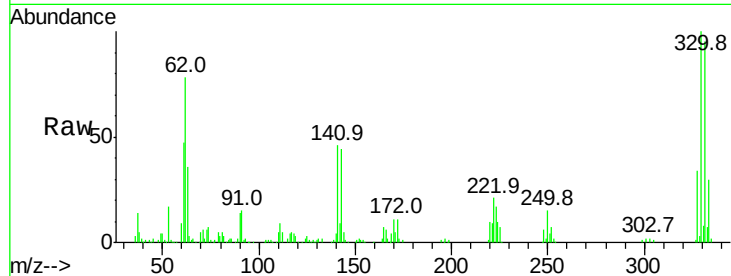
Tot Ion:198 Resp: 418

Ion Ratio Lower Upper

198 100

51 186.7 37.7 77.7#

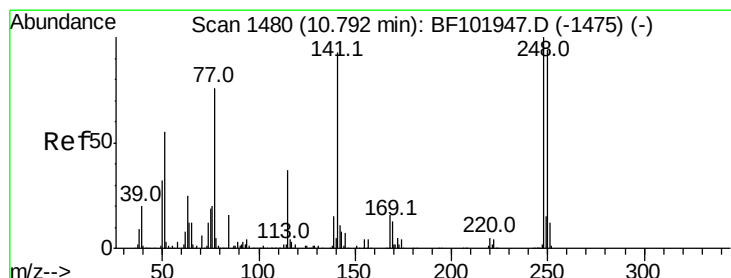
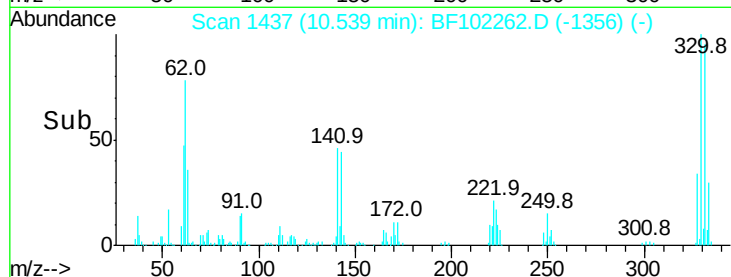
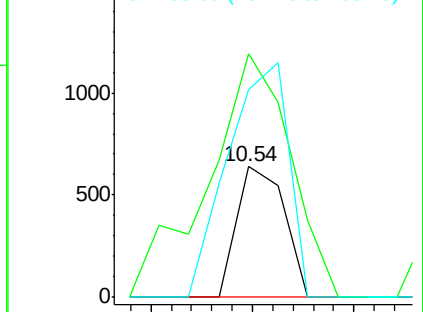
105 159.4 36.3 76.3#



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: 3.381 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.25 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

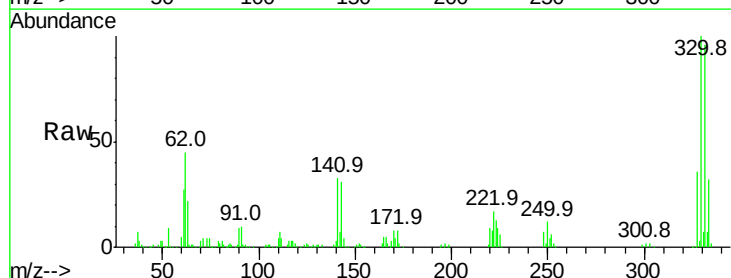
Tgt Ion:248 Resp: 12983

Ion Ratio Lower Upper

248 100

250 185.3 76.9 115.3#

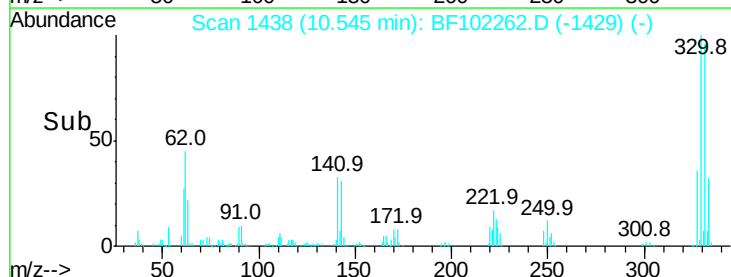
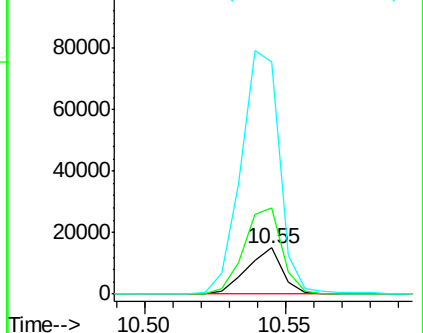
141 501.7 74.4 111.6#

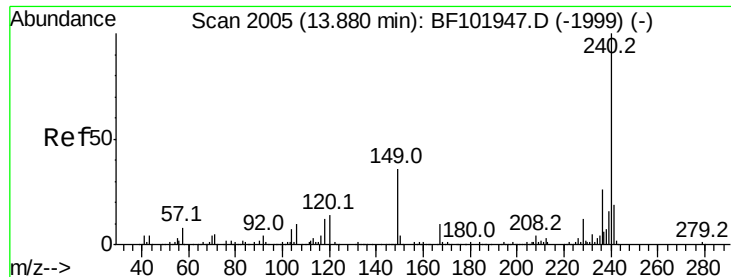


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF102262.D

Acq: 20 Jan 2018 13:37

Instrument :

BNA_F

ClientSampleId :

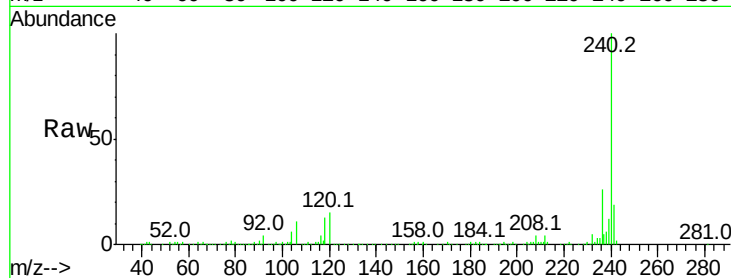
Tot Ion:240 Resp: 278107

Ion Ratio Lower Upper

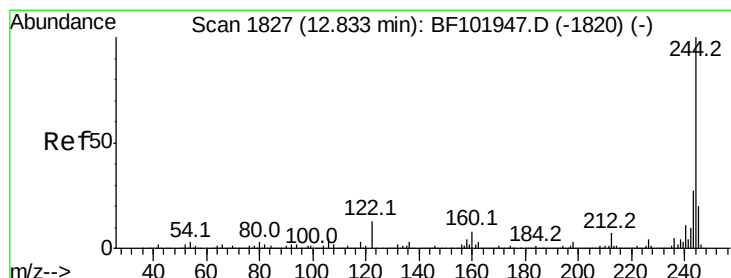
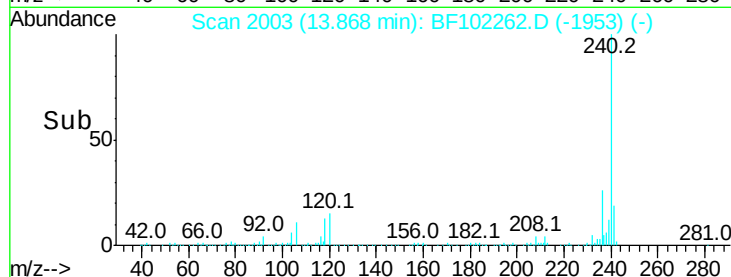
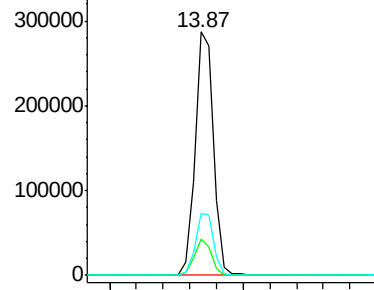
240 100

120 14.8 9.5 14.3#

236 25.6 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: 52.662 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102262.D

Acq: 20 Jan 2018 13:37

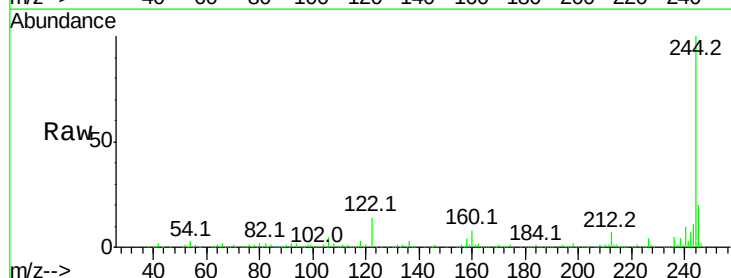
Tgt Ion:244 Resp: 705391

Ion Ratio Lower Upper

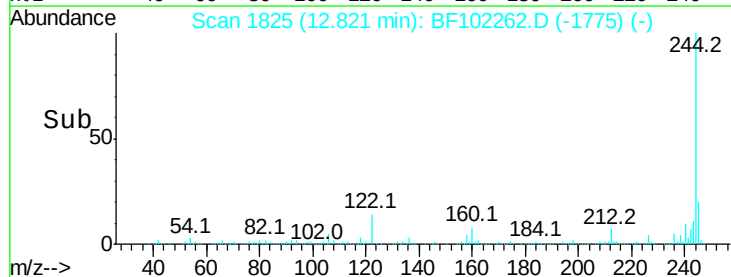
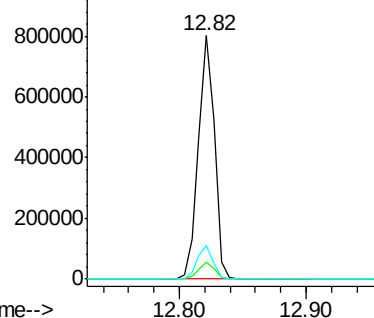
244 100

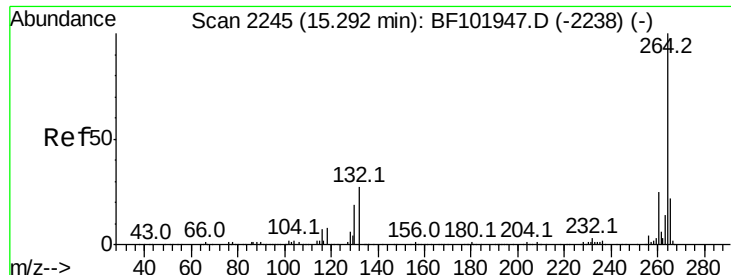
212 7.1 5.4 8.0

122 13.9 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

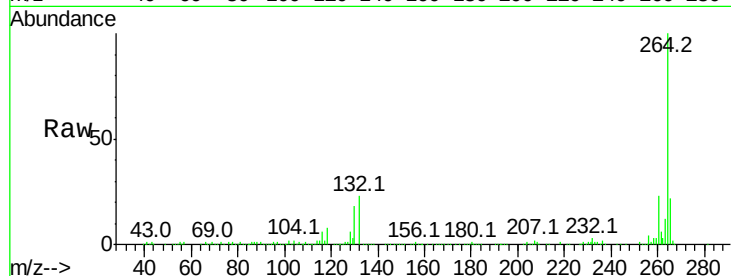




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102262.D
Acq: 20 Jan 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

