

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102267.D
 Acq On : 20 Jan 2018 15:53
 Operator : SJ/JU
 Sample : J1115-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:22:43 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

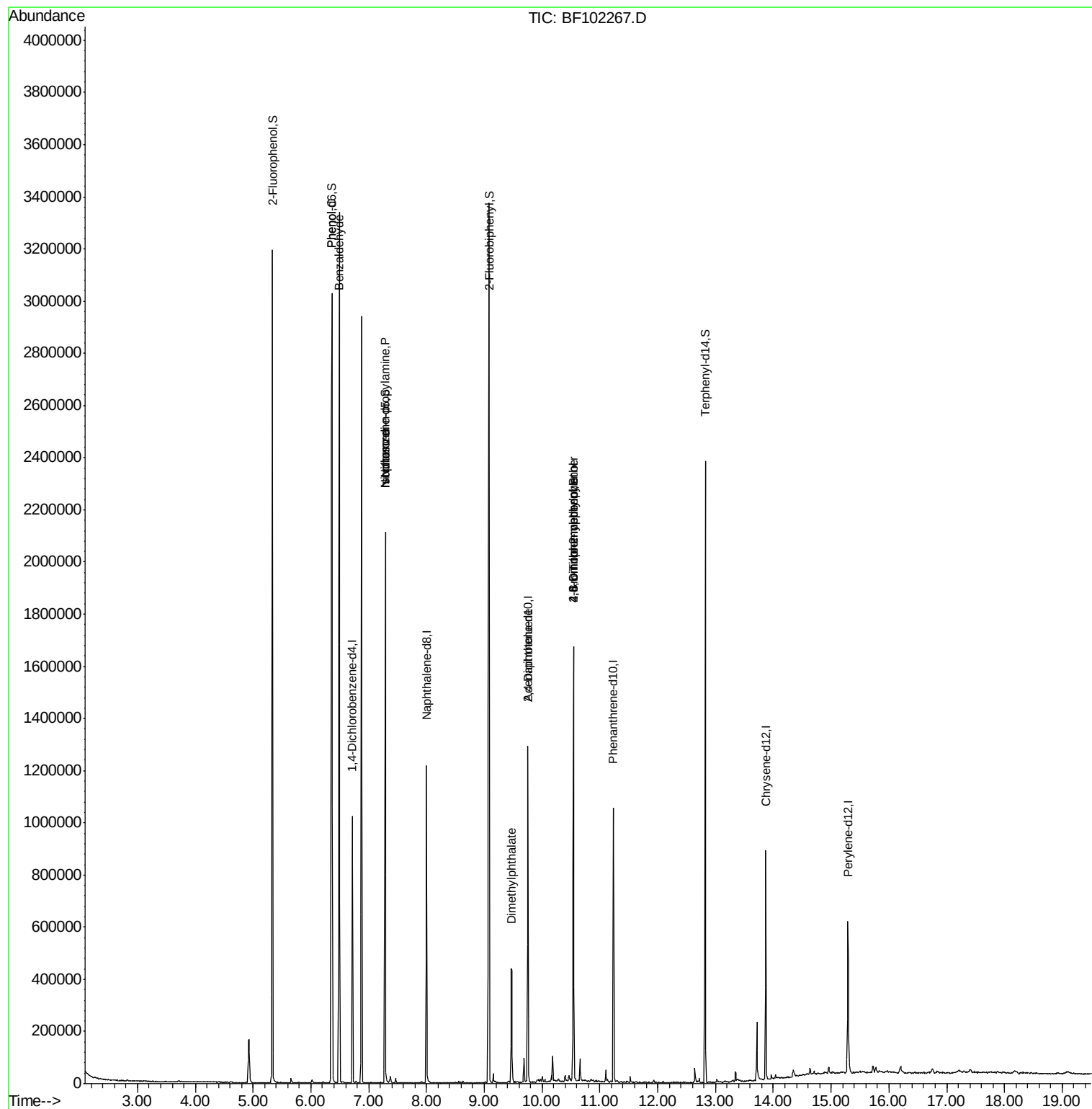
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143841	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	580810	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	247088	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	371939	20.00	ng	0.00
75) Chrysene-d12	13.87	240	271322	20.00	ng	0.00
86) Perylene-d12	15.29	264	233624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	964316	94.67	ng	0.00
7) Phenol-d6	6.36	99	1134612	93.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	696848	70.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	203201	94.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1115323	70.52	ng	0.00
78) Terphenyl-d14	12.82	244	745415	57.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	19447	2.305	ng	83
10) Phenol	6.37	94	52839	3.847	ng	81
19) n-Nitroso-di-n-propylamine	7.29	70	90812	11.402	ng	# 80
25) Isophorone	7.29	82	696834	35.681	ng	# 64
49) Dimethylphthalate	9.47	163	183365	9.251	ng	99
56) 2,4-Dinitrotoluene	9.75	165	30968	6.240	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	395	5.835	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13201	3.361	ng	# 1

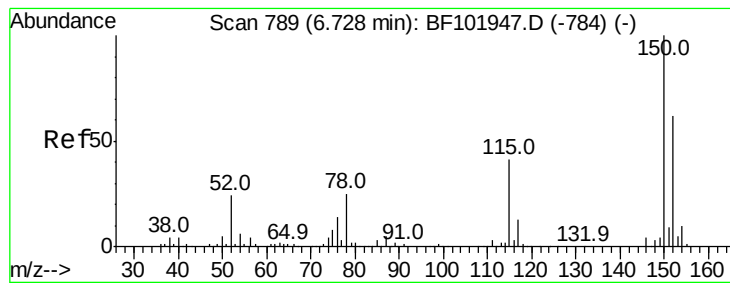
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102267.D
Acq On : 20 Jan 2018 15:53
Operator : SJ/JU
Sample : J1115-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 22 01:22:43 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



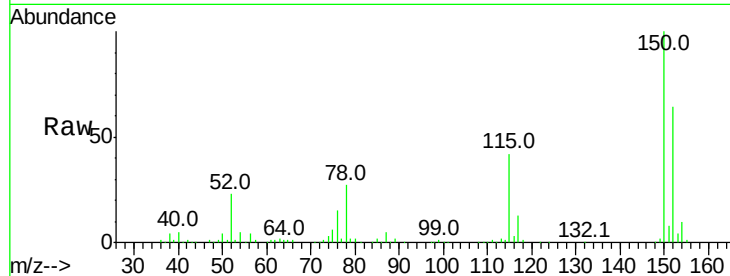


#1

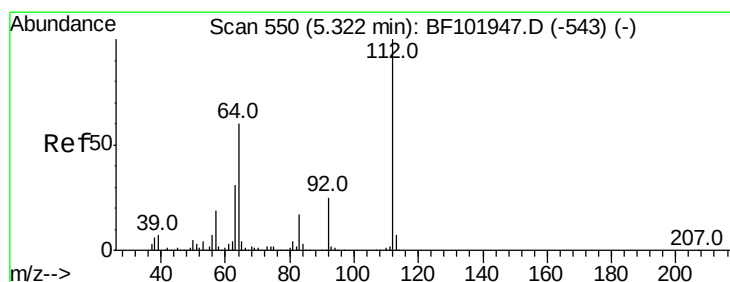
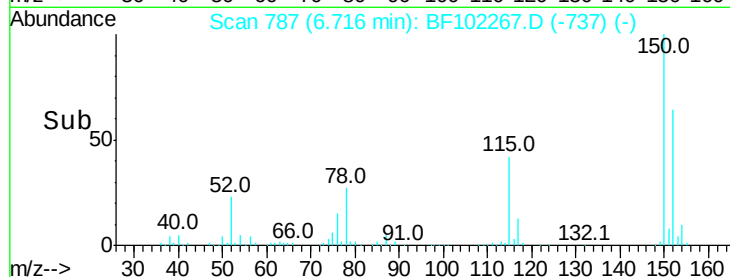
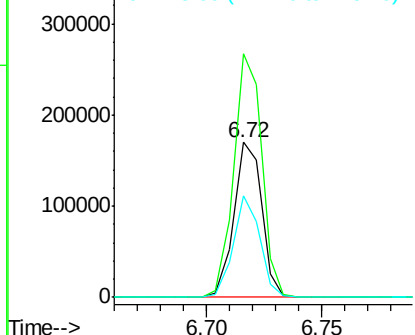
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102267.D
Acq: 20 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143841
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 65.2 50.1 75.1



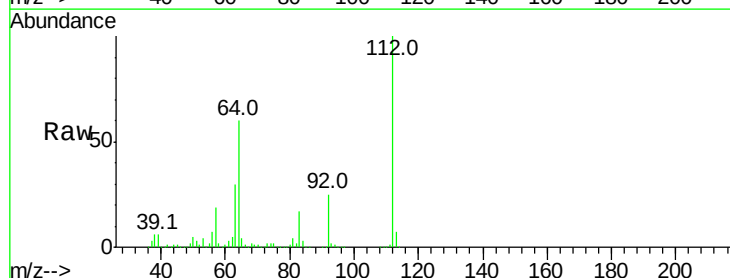
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



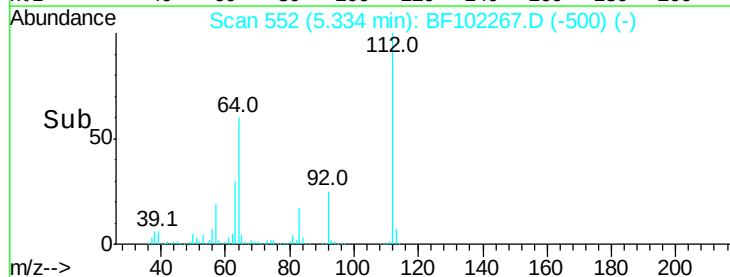
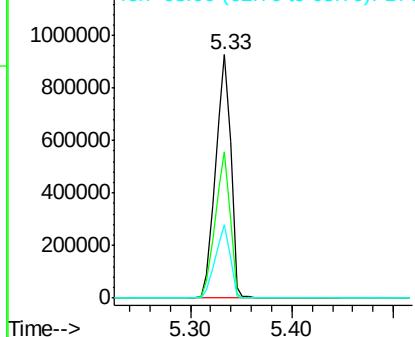
#5

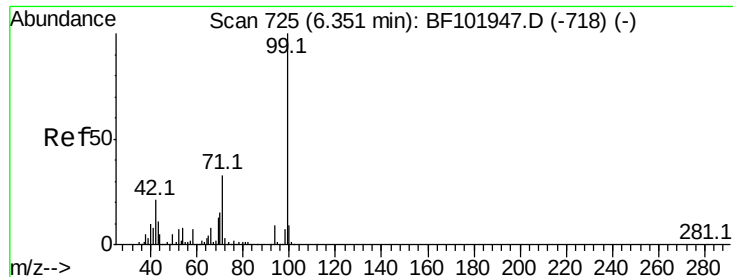
2-Fluorophenol
Concen: 94.667 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102267.D
Acq: 20 Jan 2018 15:53

Tgt Ion:112 Resp: 964316
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.2 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: 93.357 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

Instrument :

BNA_F

ClientSampleId :

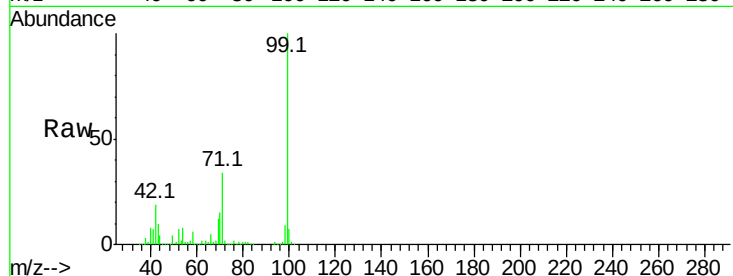
Tot Ion: 99 Resp: 1134612

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

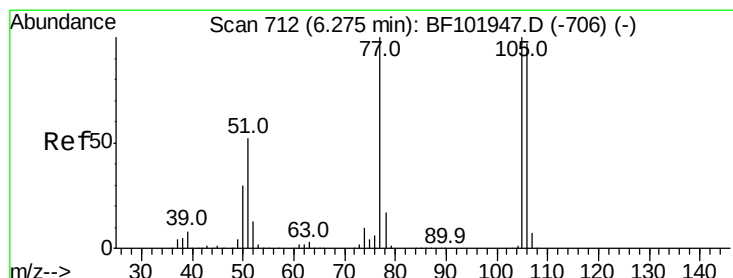
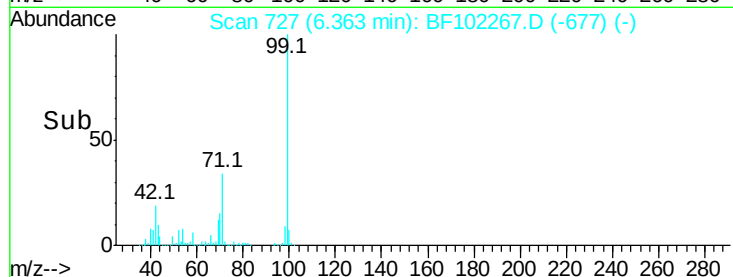
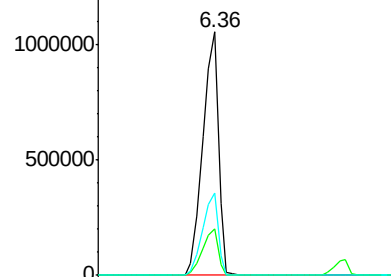
71 34.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.305 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

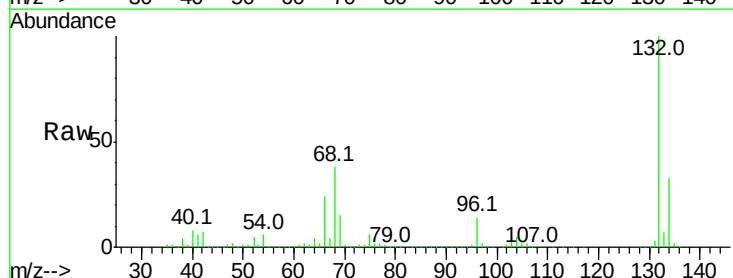
Tgt Ion: 77 Resp: 19447

Ion Ratio Lower Upper

77 100

105 84.7 81.1 121.1

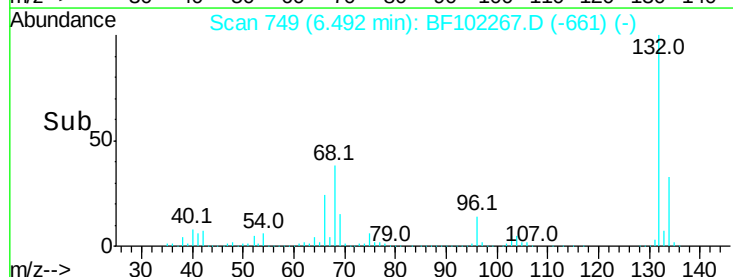
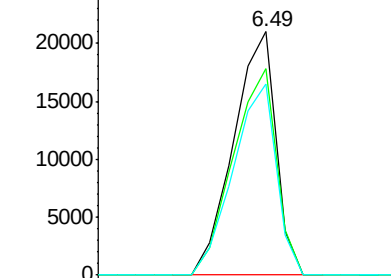
106 78.3 74.5 114.5

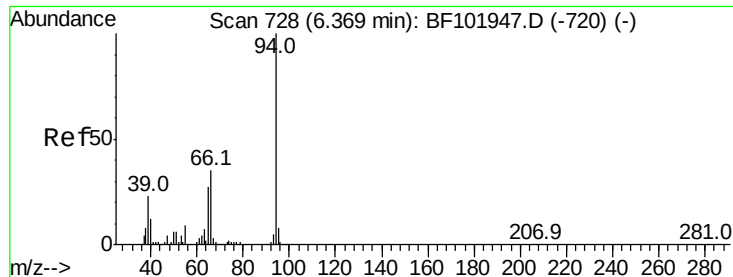


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.847 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

Instrument :

BNA_F

ClientSampleId :

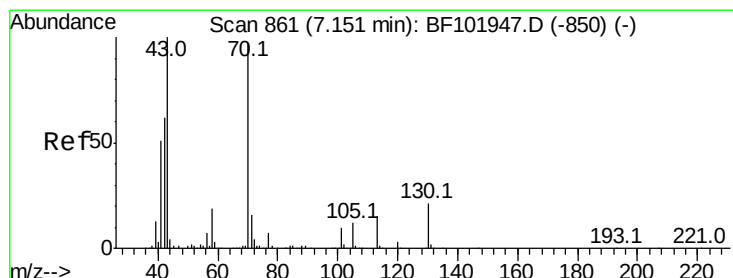
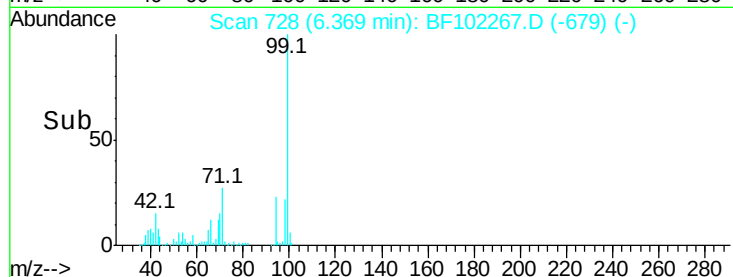
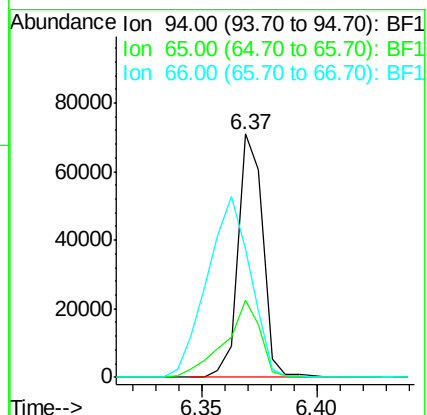
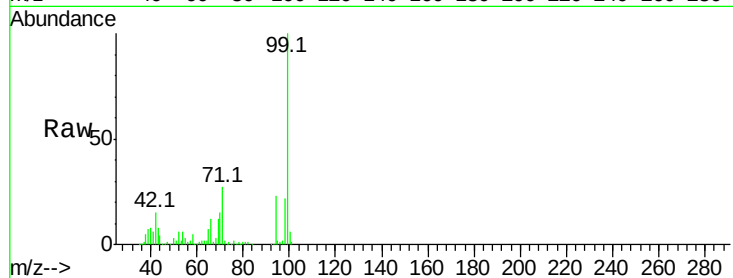
Tot Ion: 94 Resp: 52839

Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 52.6 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.402 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

Tgt Ion: 70 Resp: 90812

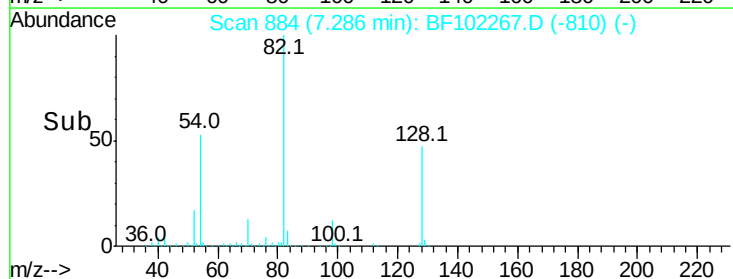
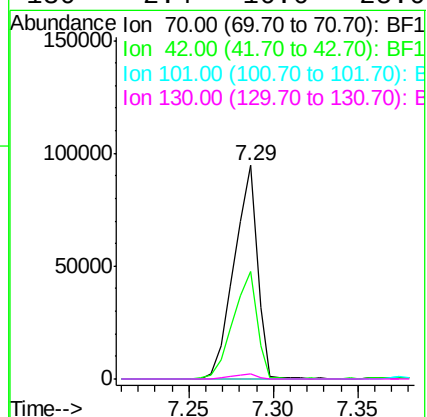
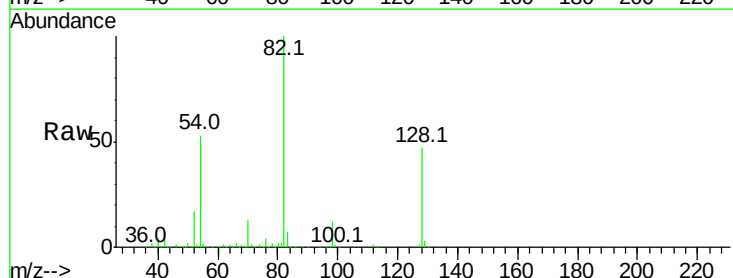
Ion Ratio Lower Upper

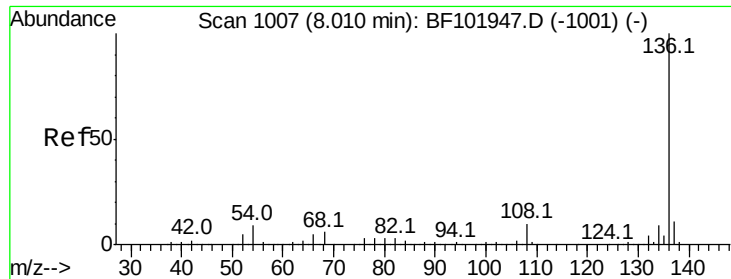
70 100

42 50.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

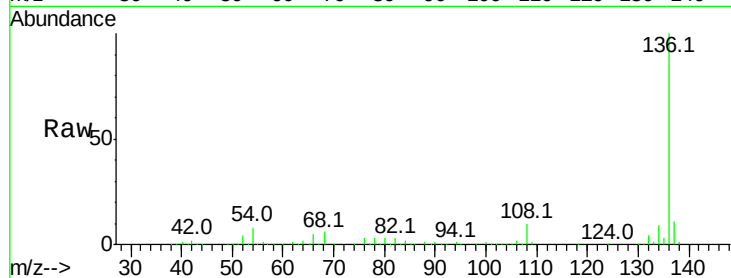




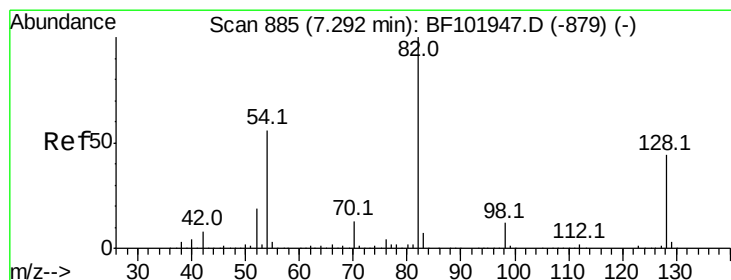
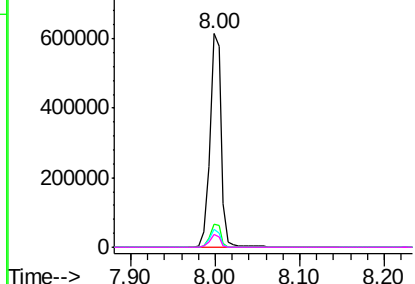
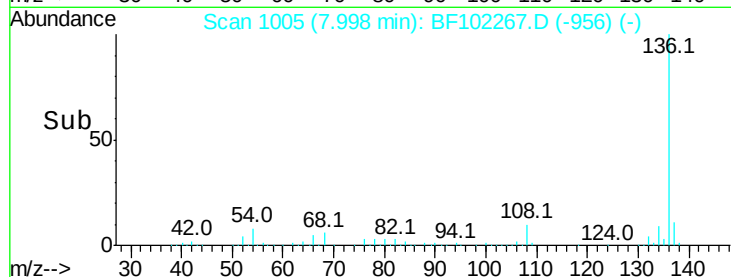
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102267.D
Acq: 20 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	580810
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	6.6	9.8
68	5.8	5.0	7.4

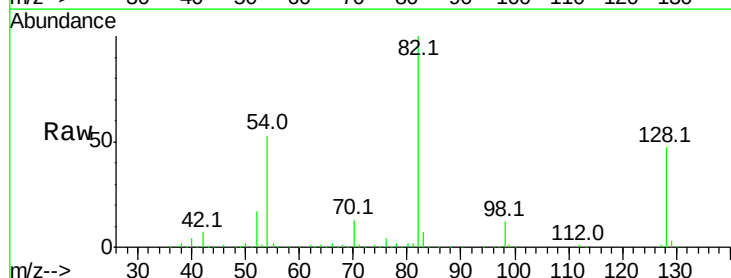


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

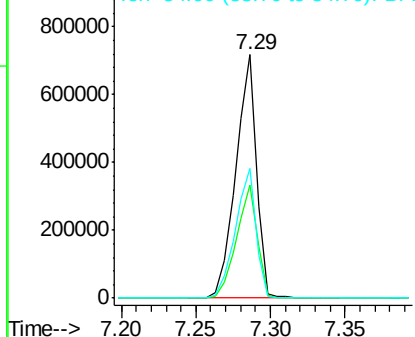
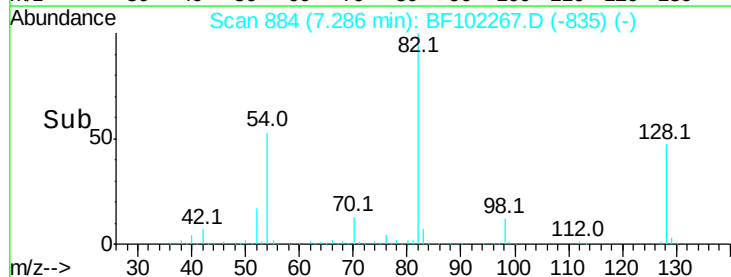


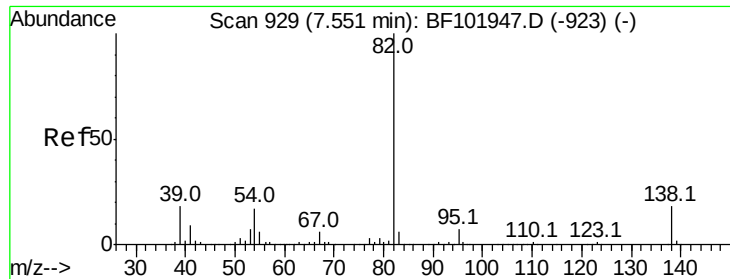
#23
Nitrobenzene-d5
Concen: 70.504 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102267.D
Acq: 20 Jan 2018 15:53

Tgt Ion:	82	Resp:	696848
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	53.4	41.4	62.2



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





#25

Isophorone

Concen: 35.681 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

Instrument :

BNA_F

ClientSampleId :

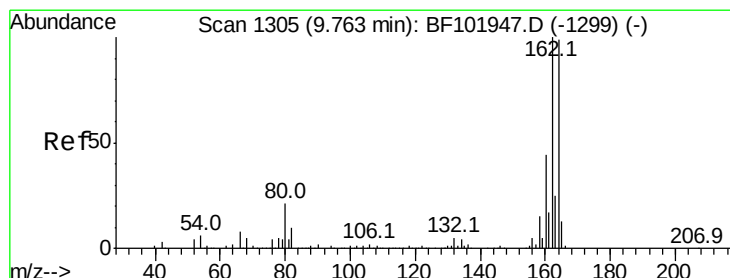
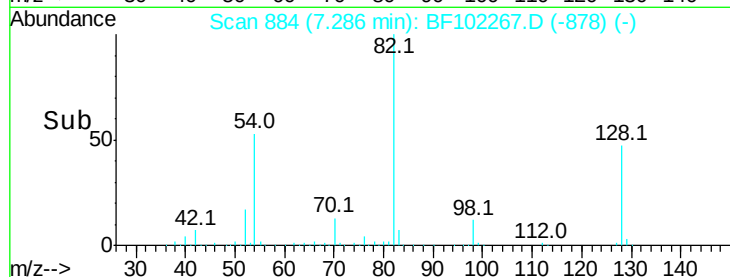
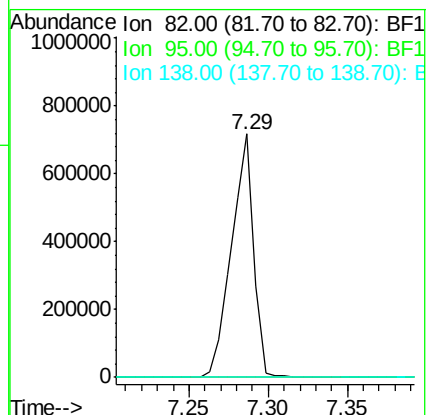
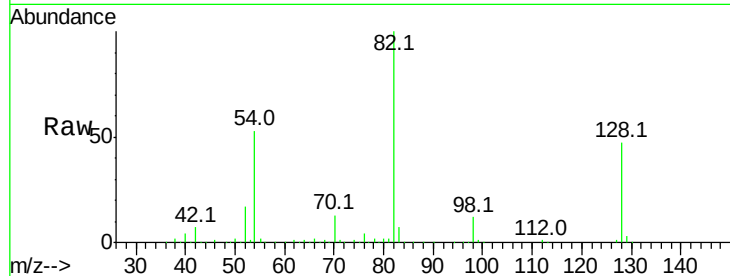
Tot Ion: 82 Resp: 696834

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: BF102267.D

Acq: 20 Jan 2018 15:53

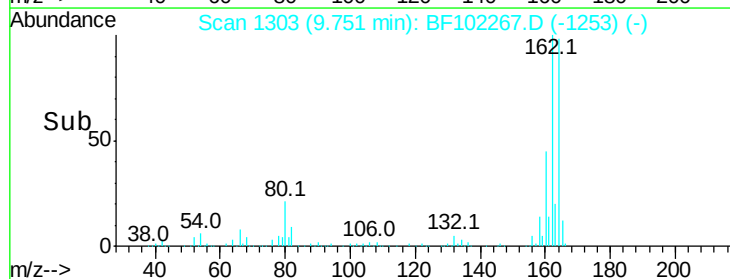
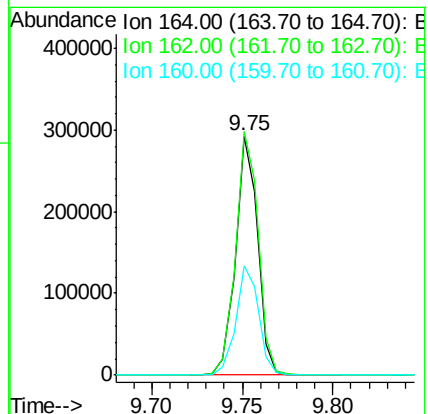
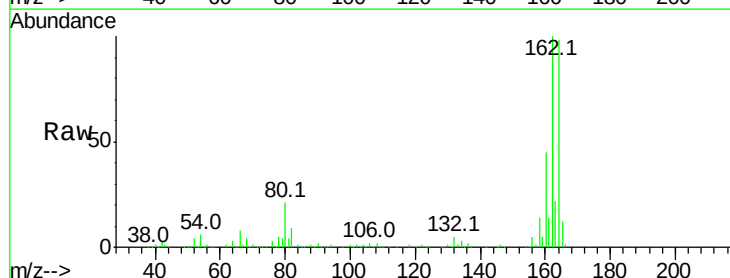
Tgt Ion:164 Resp: 247088

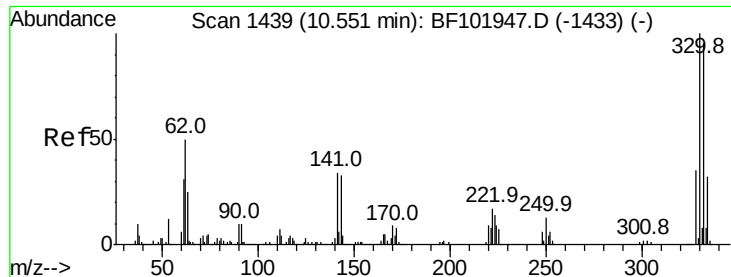
Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

160 45.6 38.3 57.5

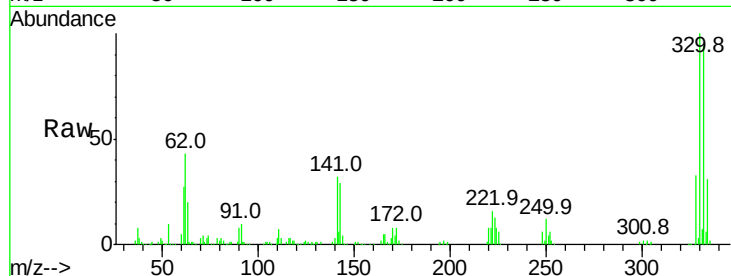




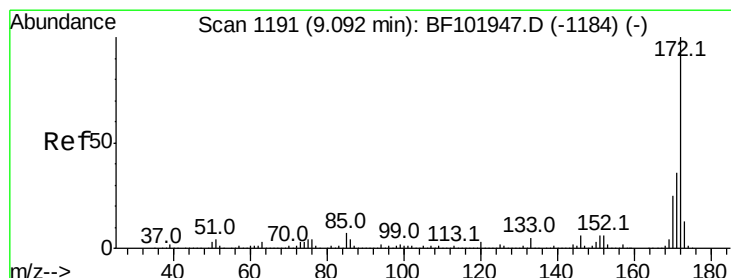
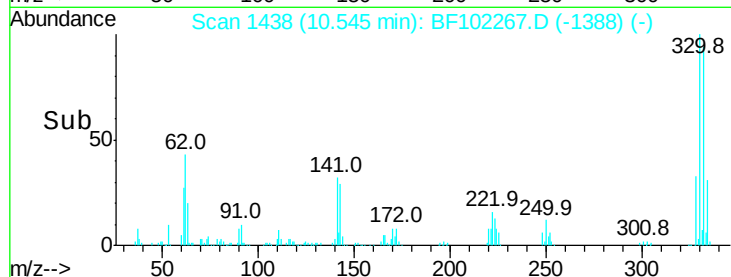
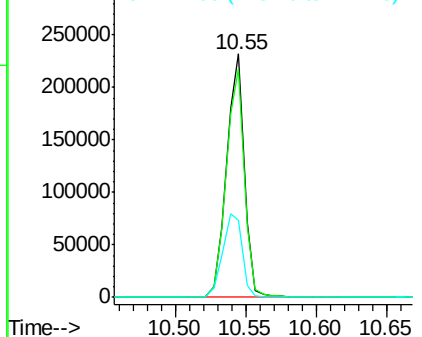
#41
 2,4,6-Tribromophenol
 Concen: 94.236 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102267.D
 Acq: 20 Jan 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 203201
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 38.0 29.9 44.9

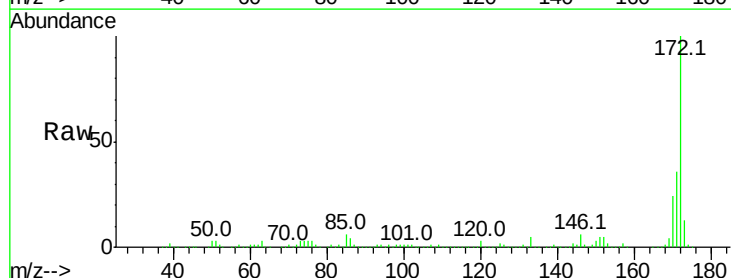


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

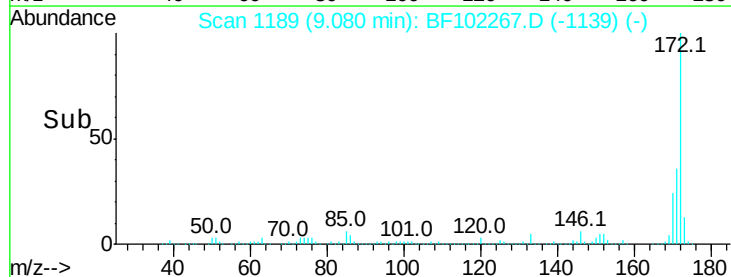
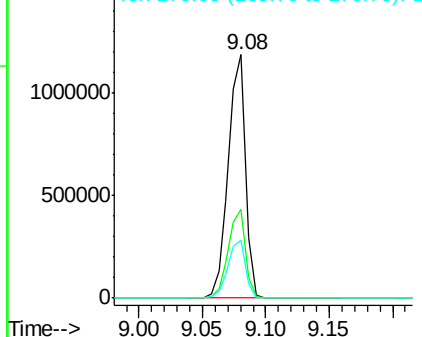


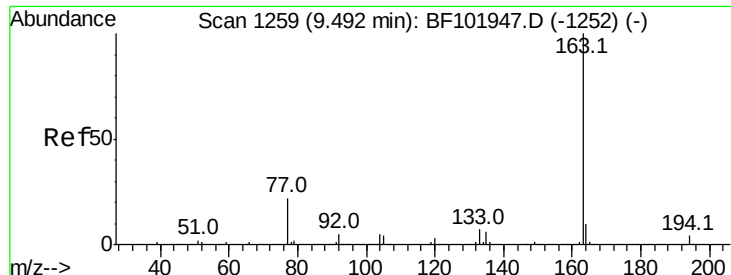
#44
 2-Fluorobiphenyl
 Concen: 70.519 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102267.D
 Acq: 20 Jan 2018 15:53

Tgt Ion:172 Resp: 1115323
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 9.251 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

Instrument :

BNA_F

ClientSampleId :

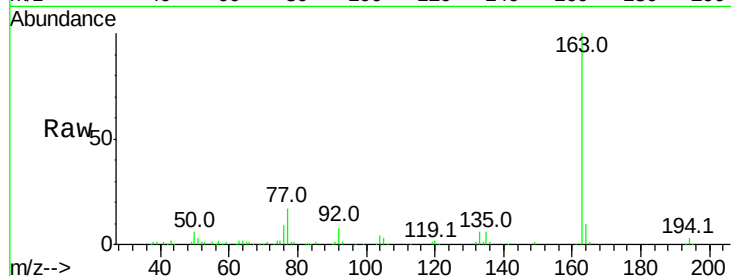
Tot Ion:163 Resp: 183365

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

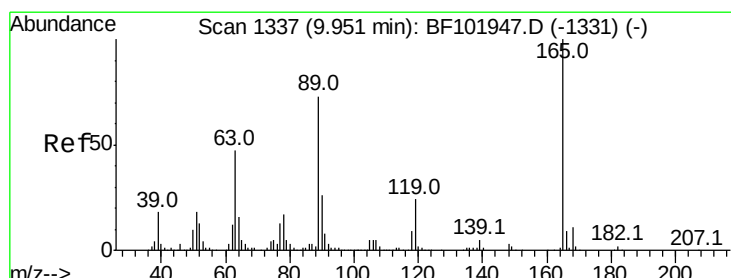
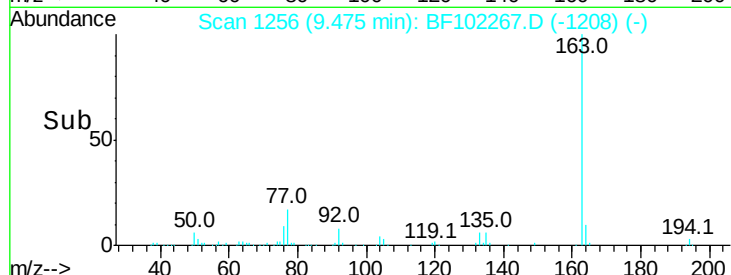
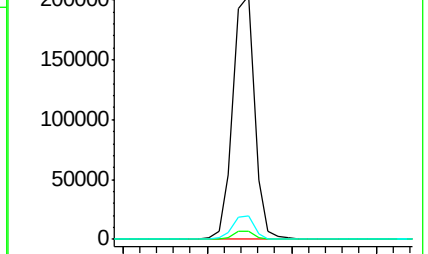
164 9.7 8.2 12.2



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: 6.240 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

Tgt Ion:165 Resp: 30968

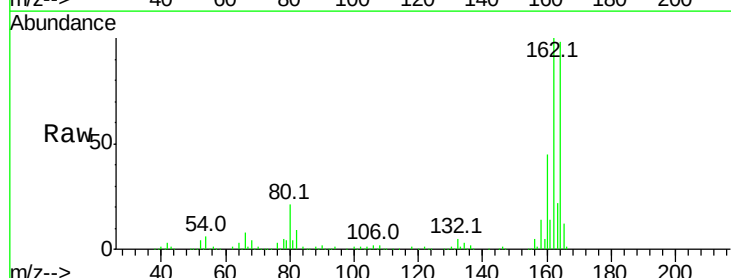
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

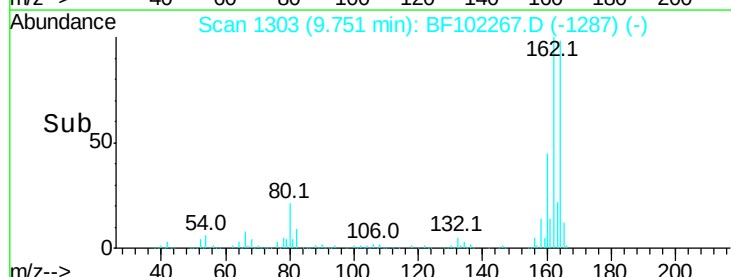
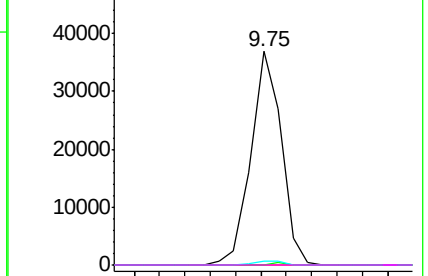


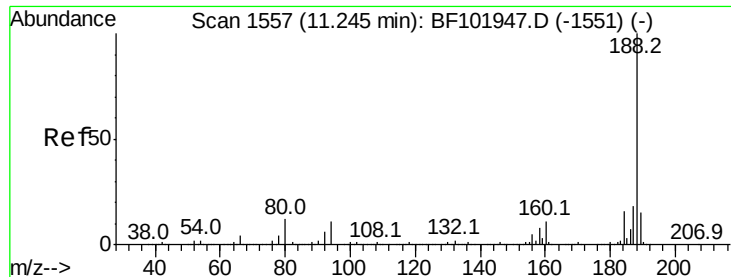
Abundance Ion 165.00 (164.70 to 165.70): E

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

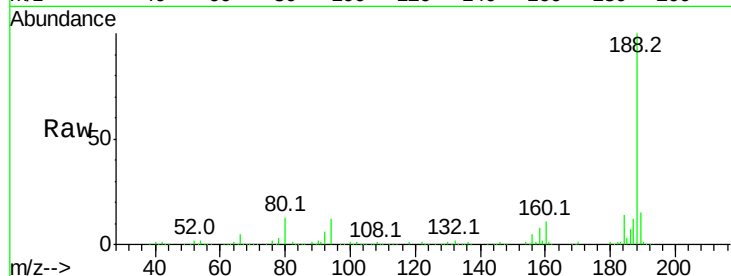




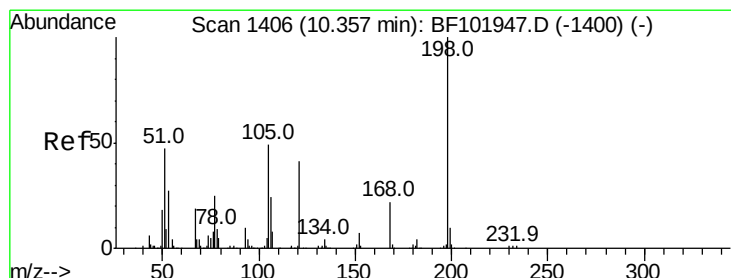
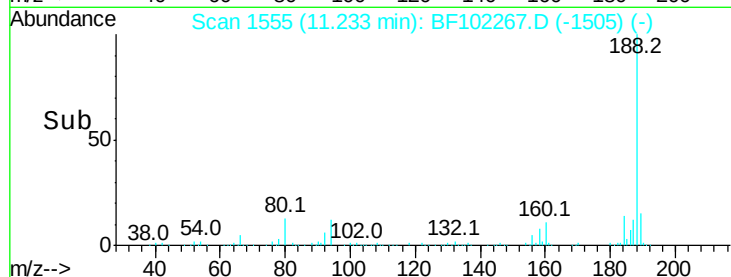
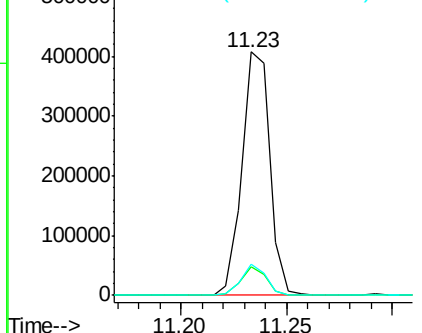
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102267.D
 Acq: 20 Jan 2018 15:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 371939
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 12.5 9.2 13.8

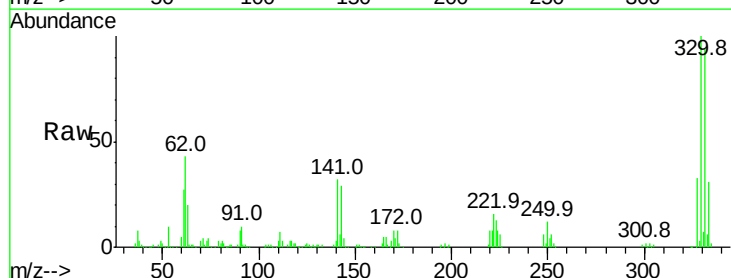


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

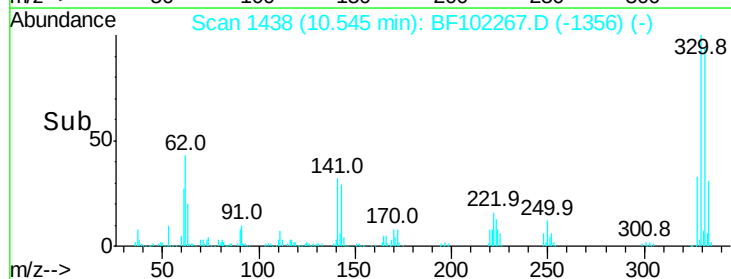
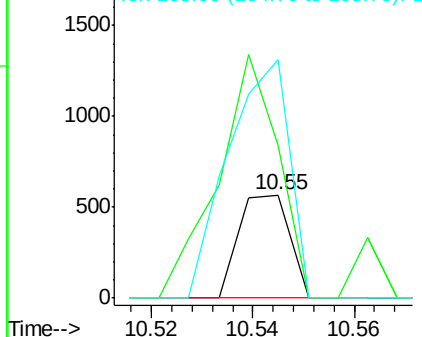


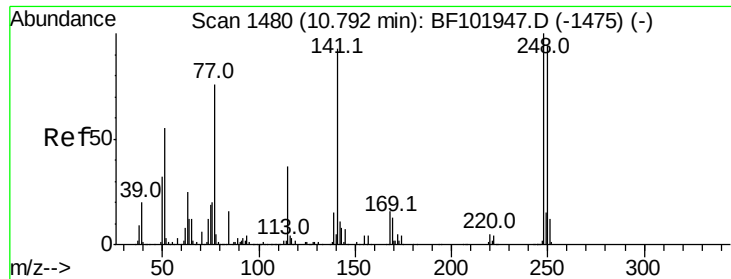
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.835 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF102267.D
 Acq: 20 Jan 2018 15:53

Tgt Ion:198 Resp: 395
 Ion Ratio Lower Upper
 198 100
 51 148.8 37.7 77.7#
 105 232.5 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

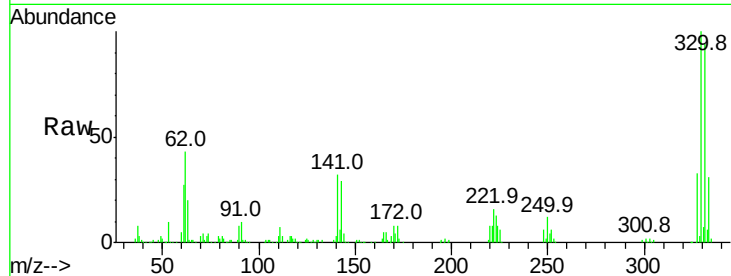




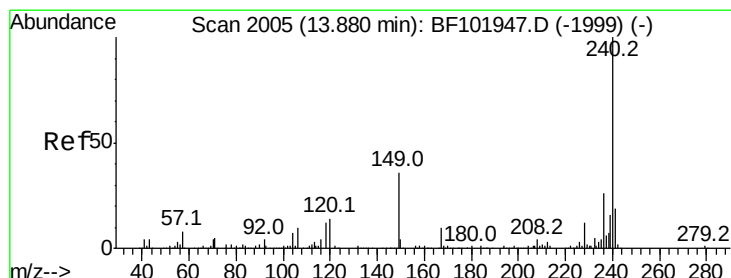
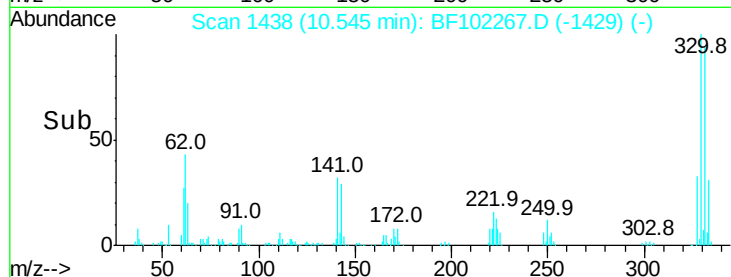
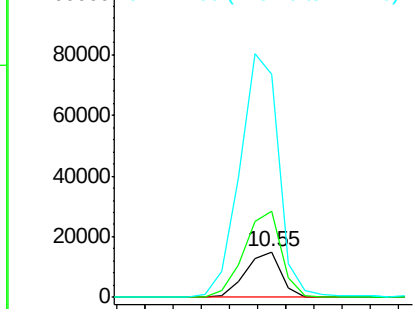
#66
 4-Bromophenyl-phenylether
 Concen: 3.361 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102267.D
 Acq: 20 Jan 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13201
 Ion Ratio Lower Upper
 248 100
 250 189.9 76.9 115.3#
 141 493.2 74.4 111.6#

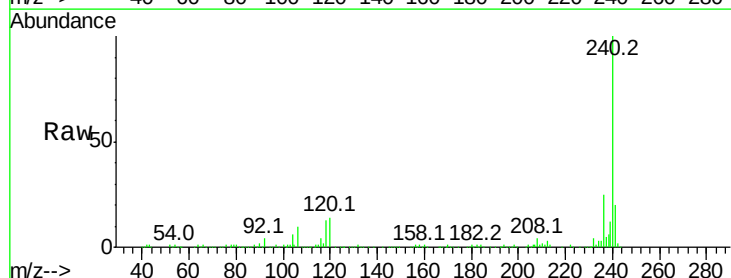


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

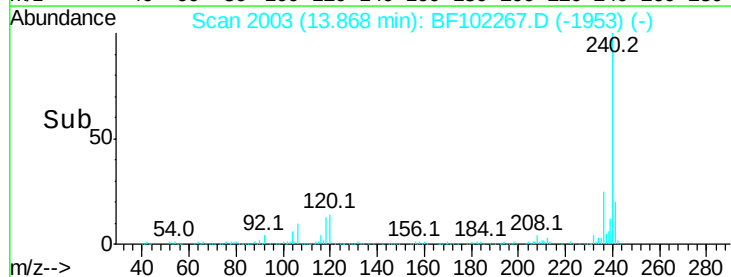
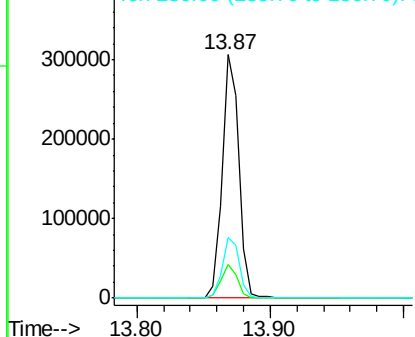


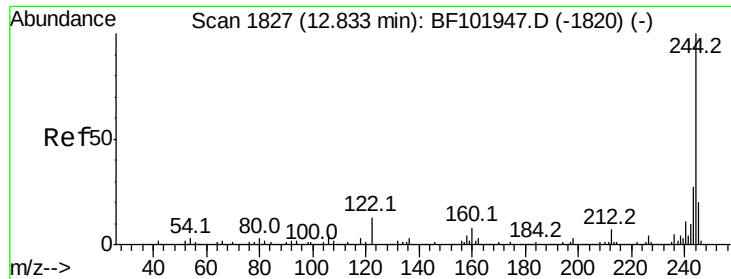
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102267.D
 Acq: 20 Jan 2018 15:53

Tgt Ion:240 Resp: 271322
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 24.7 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: 57.042 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

Instrument :

BNA_F

ClientSampled :

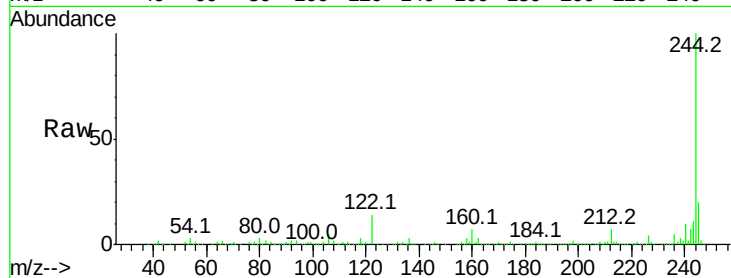
Tot Ion:244 Resp: 745415

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

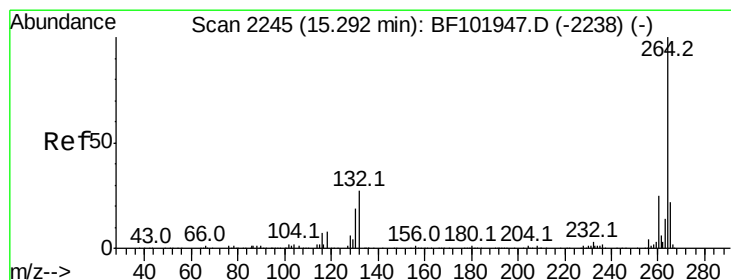
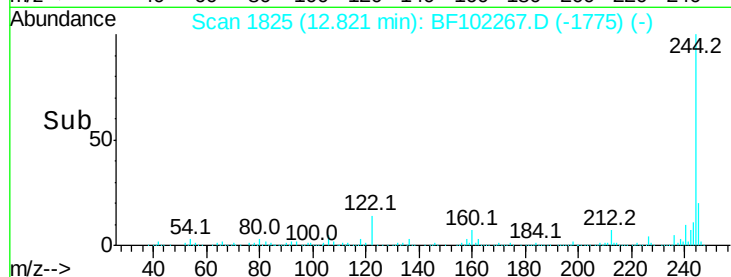
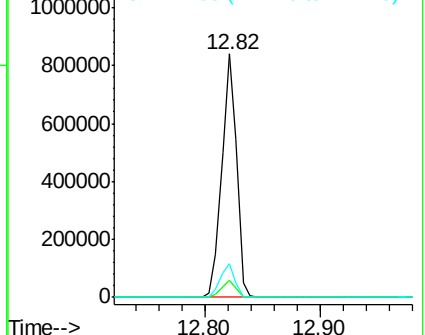
122 14.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102267.D

Acq: 20 Jan 2018 15:53

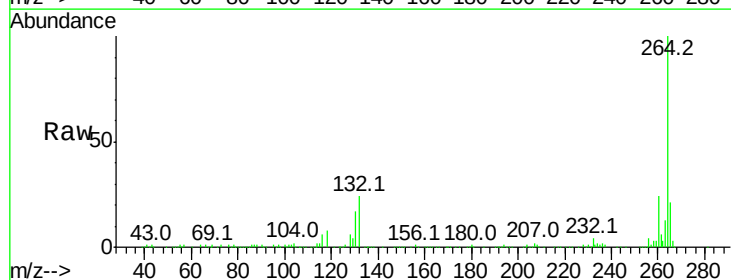
Tgt Ion:264 Resp: 233624

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 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

