

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102120.D
 Acq On : 16 Jan 2018 20:09
 Operator : SJ/JU
 Sample : J1115-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 01:05:47 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

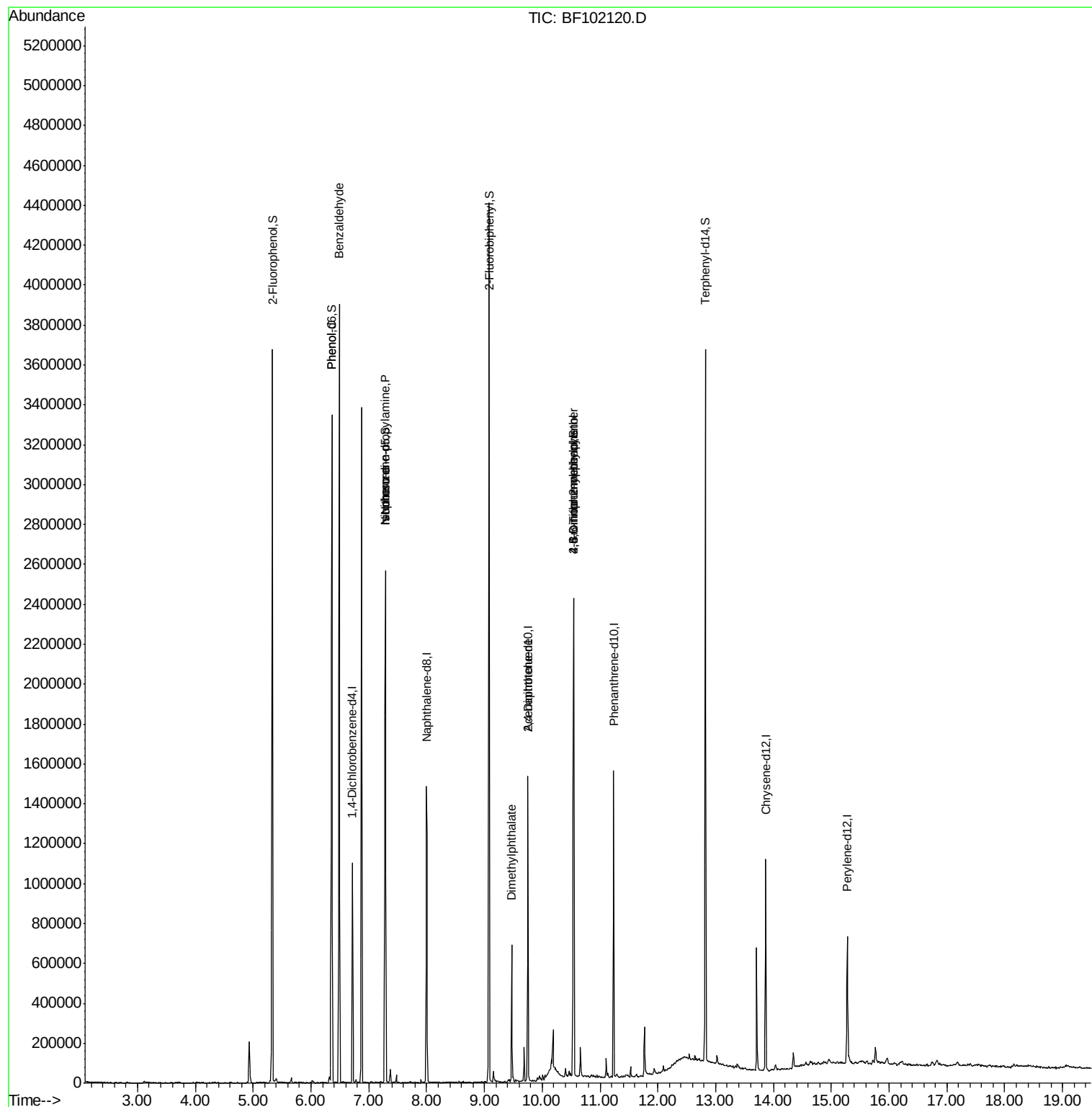
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157553	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	658932	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	290506	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	488410	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	322311	20.00	ng	-0.02
86) Perylene-d12	15.28	264	285661	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1098222	98.43	ng	0.00
7) Phenol-d6	6.36	99	1313588	98.68	ng	0.00
23) Nitrobenzene-d5	7.29	82	835629	74.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	304022	119.92	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1371971	73.78	ng	-0.01
78) Terphenyl-d14	12.82	244	1141894	73.56	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	25071	2.712	ng	83
10) Phenol	6.37	94	61598	4.094	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	110787	12.699	ng	# 81
25) Isophorone	7.29	82	835620	37.715	ng	# 64
49) Dimethylphthalate	9.47	163	262752	11.275	ng	98
56) 2,4-Dinitrotoluene	9.75	165	36531	6.261	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	579	5.855	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	19694	3.818	ng	# 1

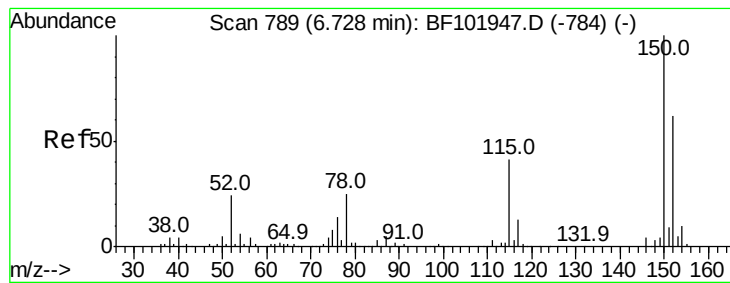
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102120.D
Acq On : 16 Jan 2018 20:09
Operator : SJ/JU
Sample : J1115-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 17 01:05:47 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



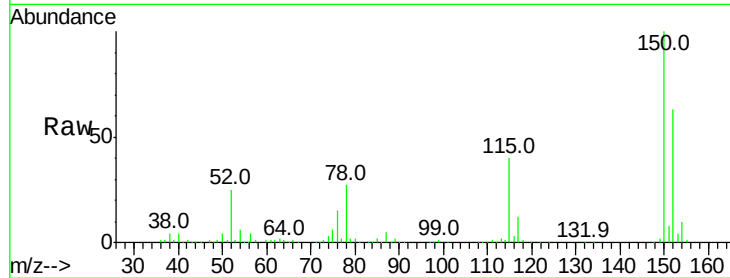


#1

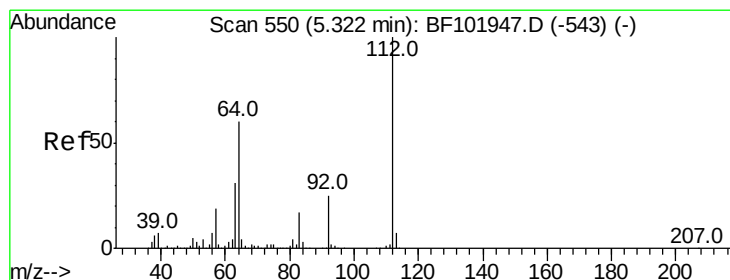
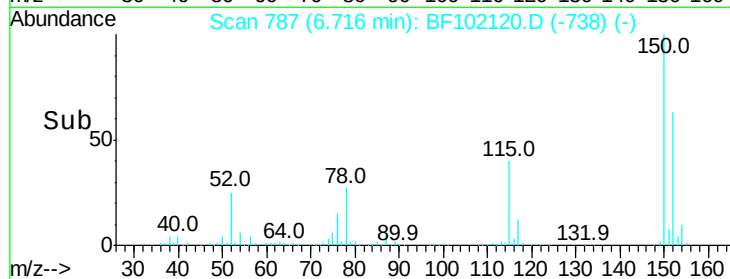
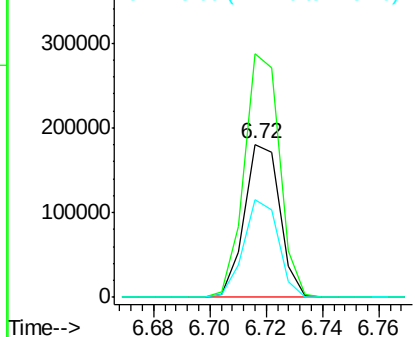
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	64.1	50.1	75.1



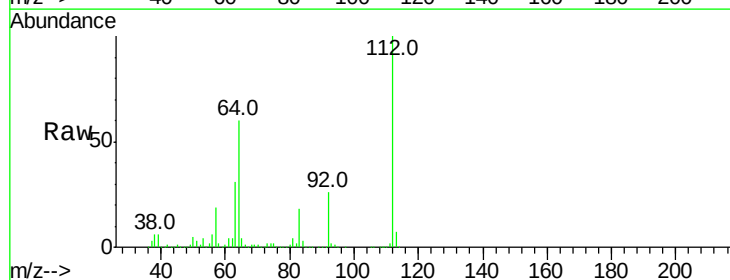
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



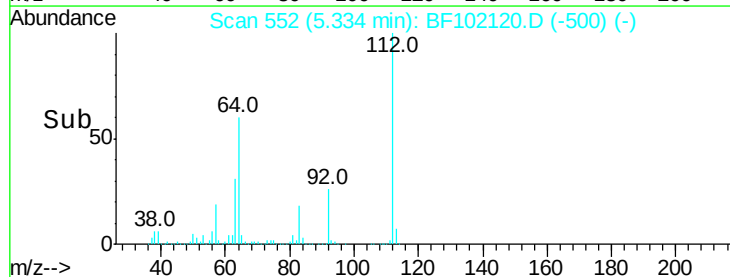
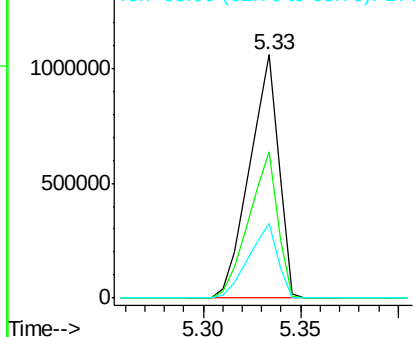
#5

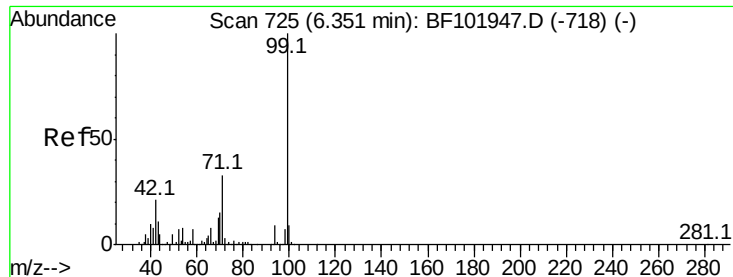
2-Fluorophenol
Concen: 98.429 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	30.8	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: 98.677 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Instrument :

BNA_F

ClientSampleId :

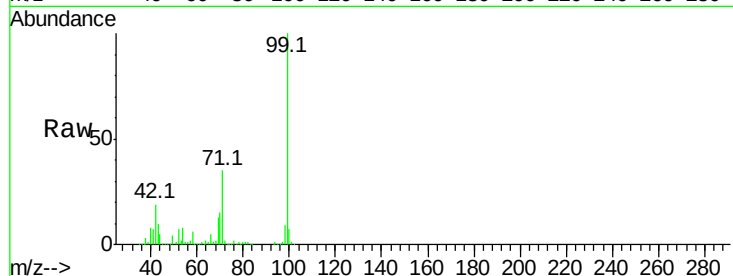
Tot Ion: 99 Resp: 1313588

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

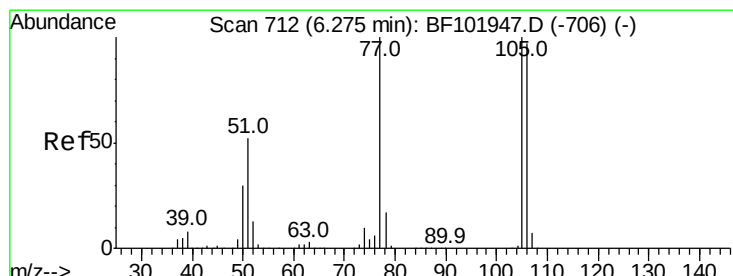
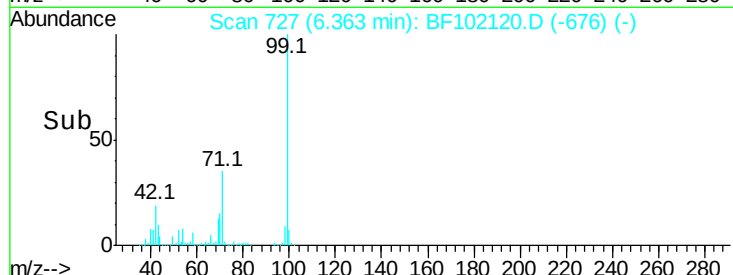
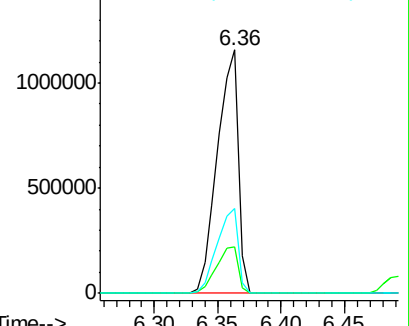
71 35.1 25.4 38.0



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: 2.712 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

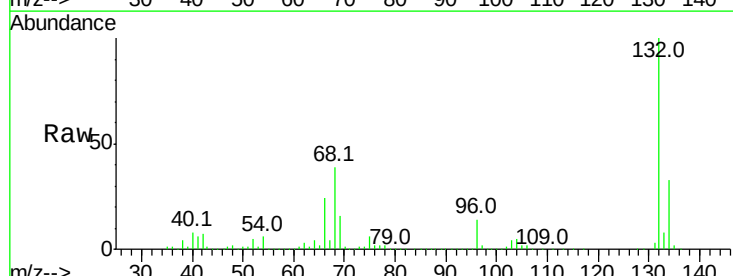
Tgt Ion: 77 Resp: 25071

Ion Ratio Lower Upper

77 100

105 82.3 81.1 121.1

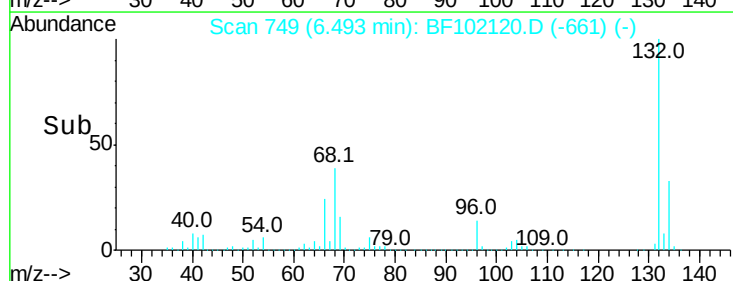
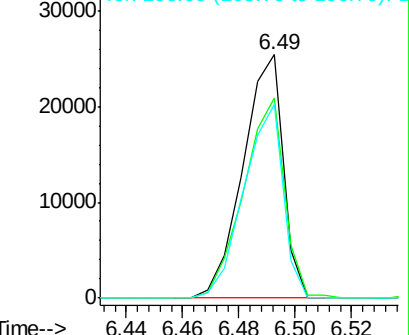
106 79.7 74.5 114.5

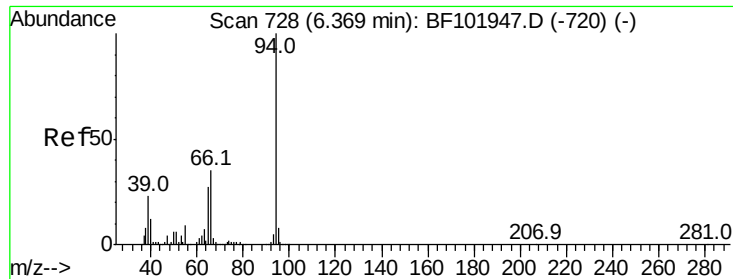


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.094 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Instrument :

BNA_F

ClientSampled :

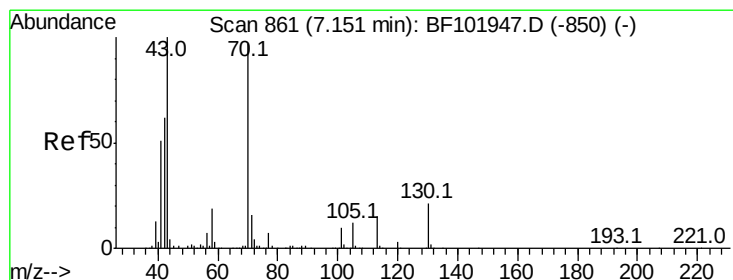
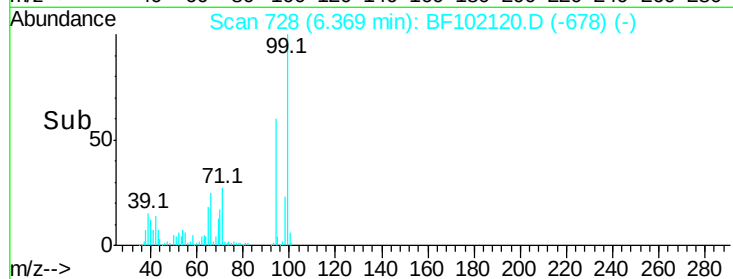
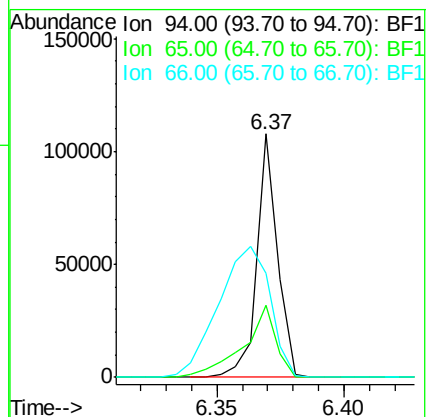
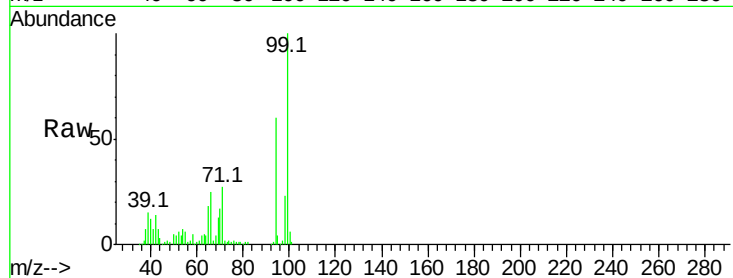
Tot Ion: 94 Resp: 61598

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

66 42.7 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.699 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Tgt Ion: 70 Resp: 110787

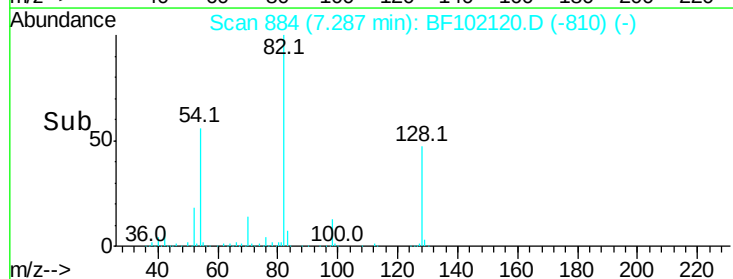
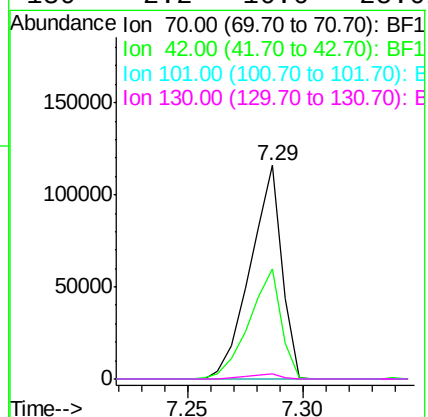
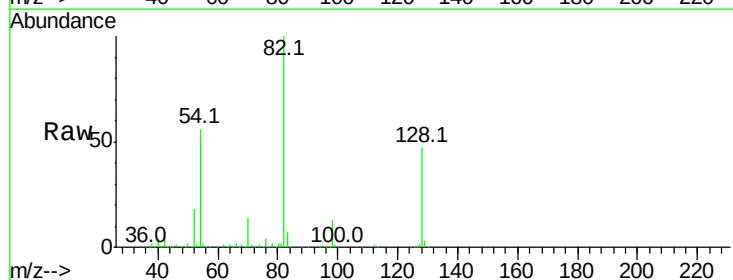
Ion Ratio Lower Upper

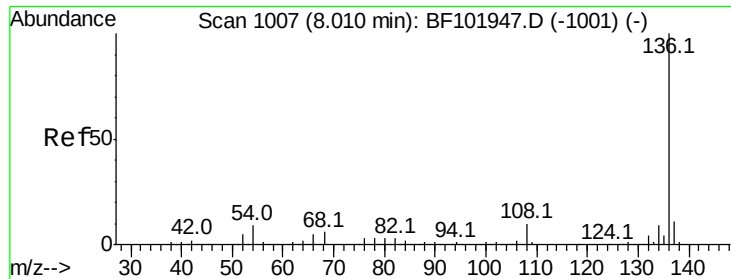
70 100

42 51.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

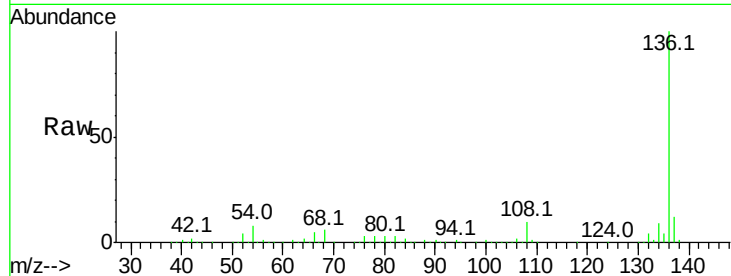




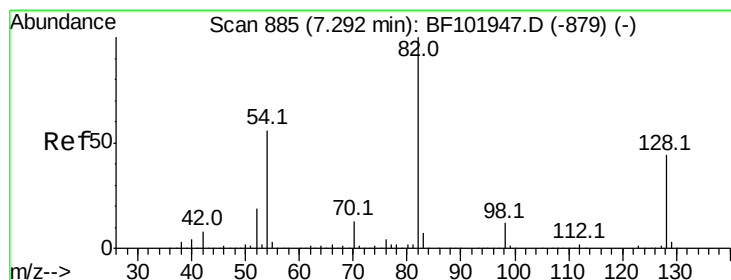
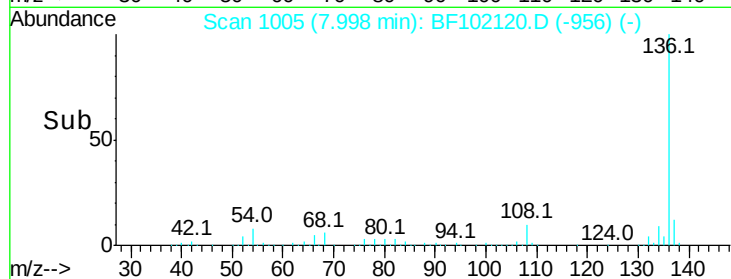
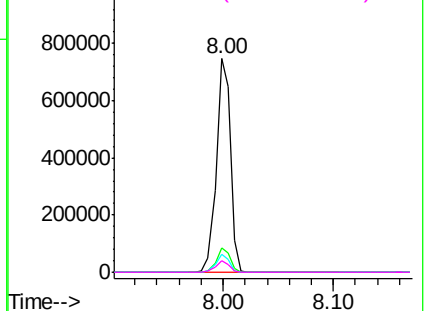
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	658932
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.2	6.6	9.8
68	5.6	5.0	7.4

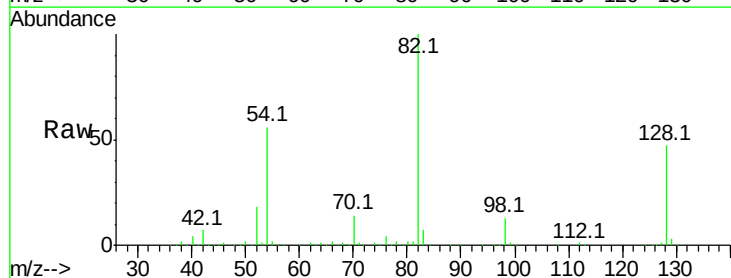


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

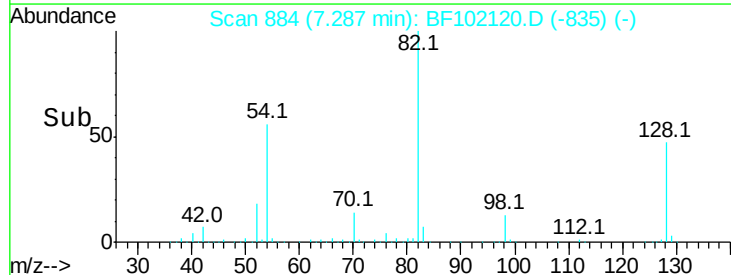
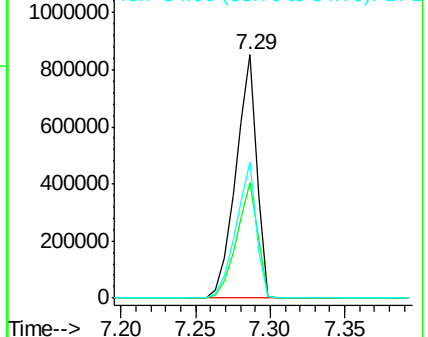


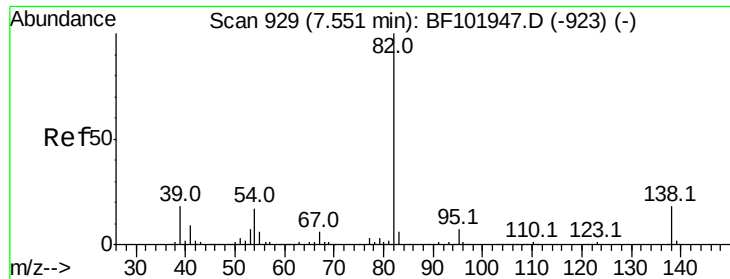
#23
Nitrobenzene-d5
Concen: 74.522 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Tgt Ion:	82	Resp:	835629
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	55.8	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: 37.715 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Instrument :

BNA_F

ClientSampled :

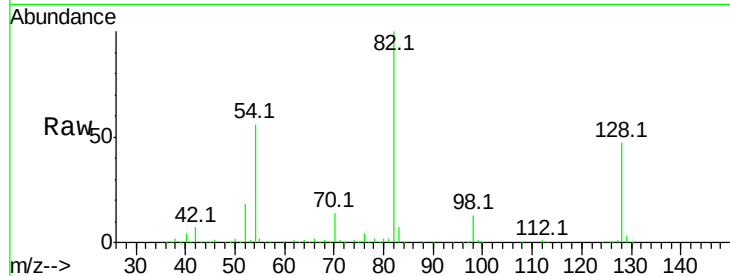
Tot Ion: 82 Resp: 835620

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

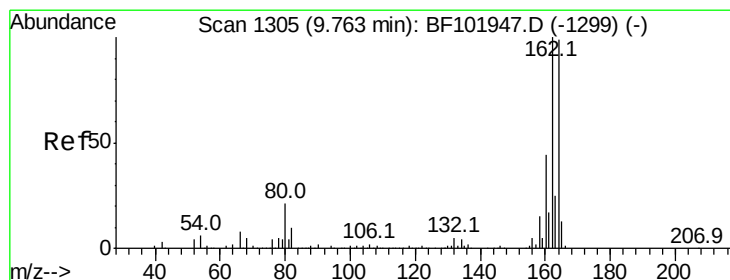
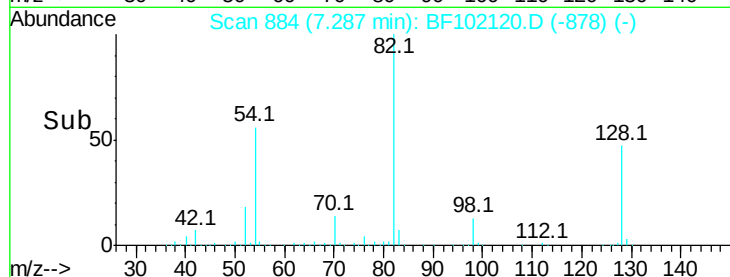
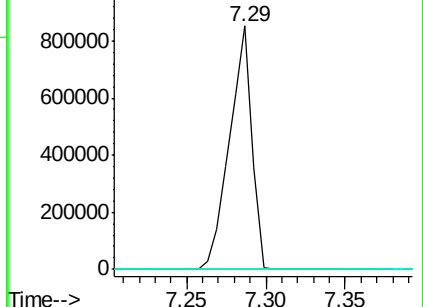
138 0.0 14.9 22.3#



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: BF102120.D

Acq: 16 Jan 2018 20:09

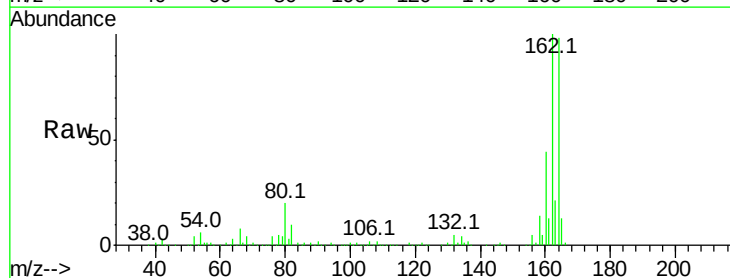
Tgt Ion:164 Resp: 290506

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

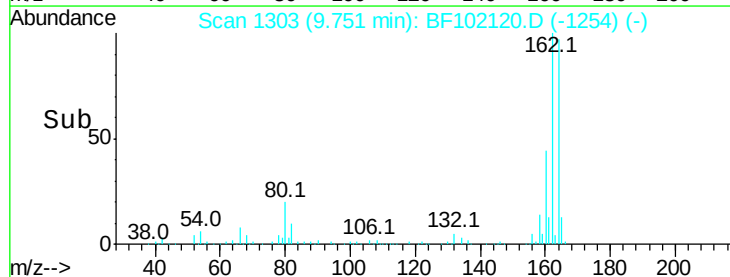
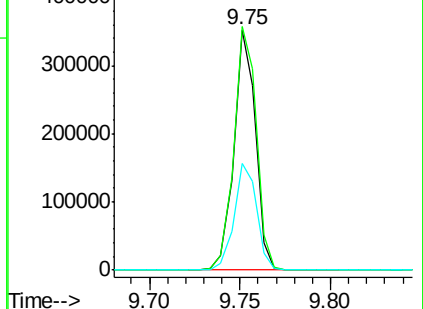
160 44.5 38.3 57.5

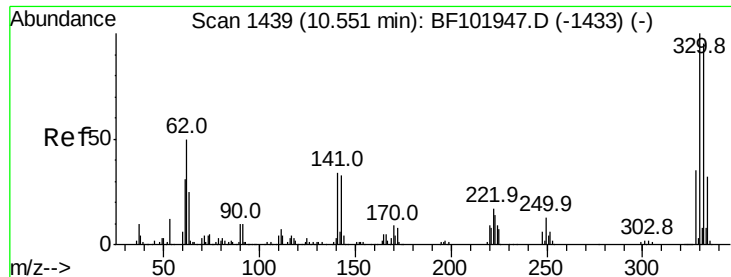


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

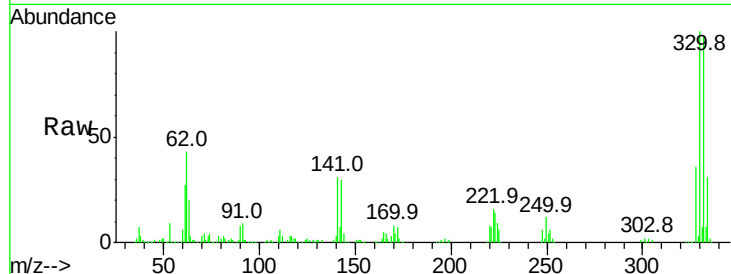




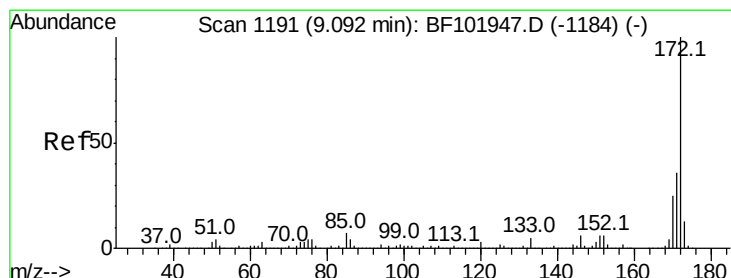
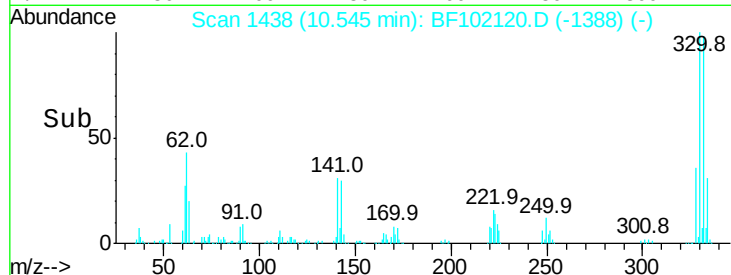
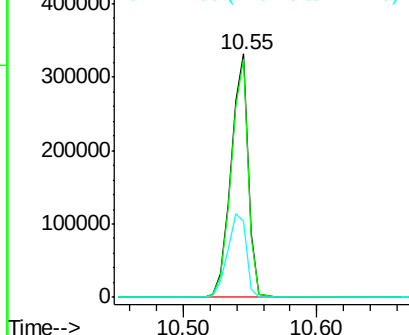
#41
 2,4,6-Tribromophenol
 Concen: 119.920 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102120.D
 Acq: 16 Jan 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 304022
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 37.3 29.9 44.9

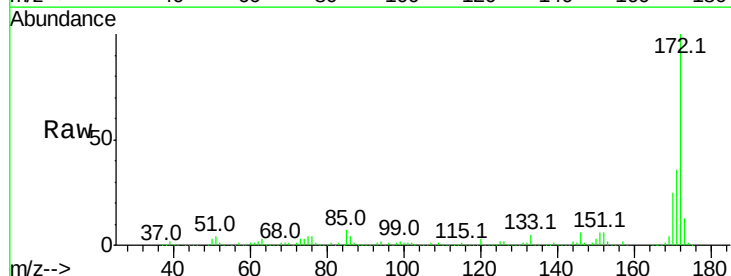


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

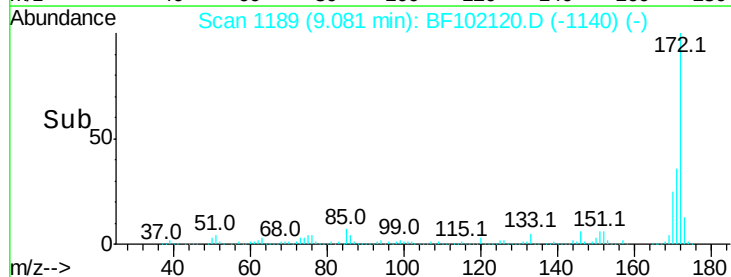
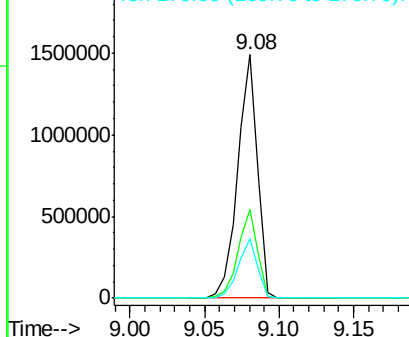


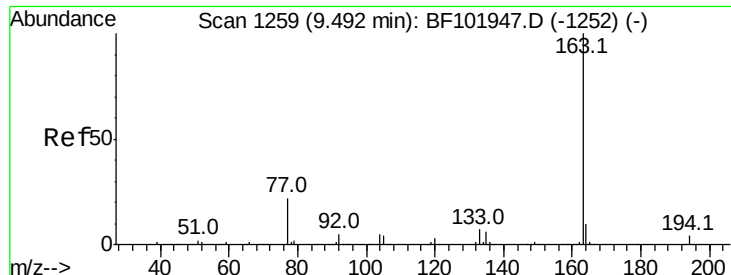
#44
 2-Fluorobiphenyl
 Concen: 73.781 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102120.D
 Acq: 16 Jan 2018 20:09

Tgt Ion:172 Resp: 1371971
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.5 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: 11.275 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Instrument :

BNA_F

ClientSampleId :

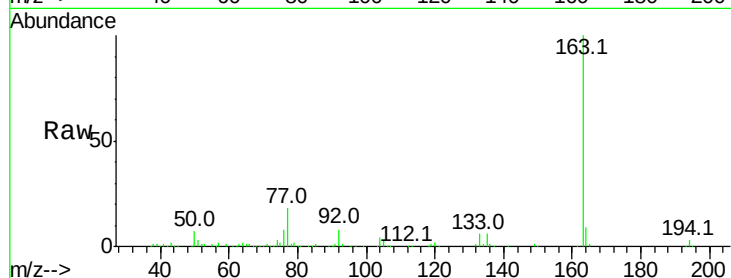
Tot Ion:163 Resp: 262752

Ion Ratio Lower Upper

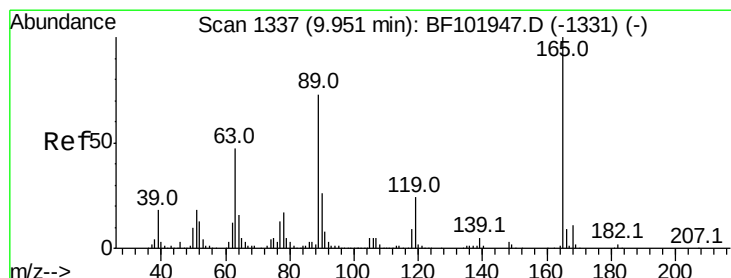
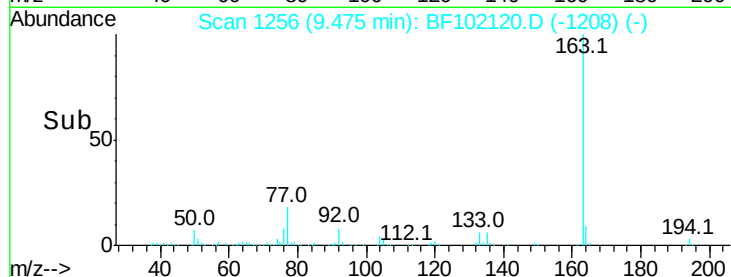
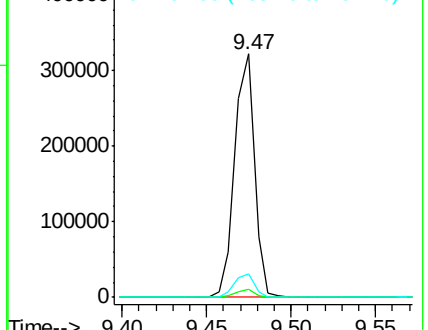
163 100

194 3.4 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: 6.261 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Tgt Ion:165 Resp: 36531

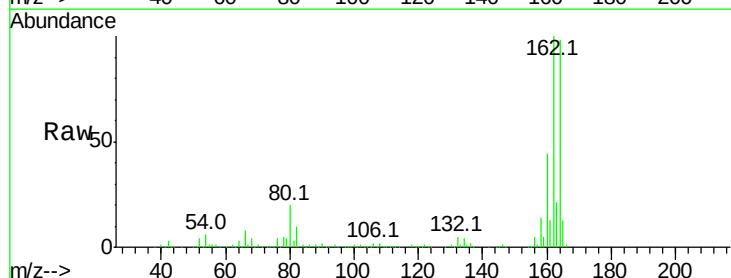
Ion Ratio Lower Upper

165 100

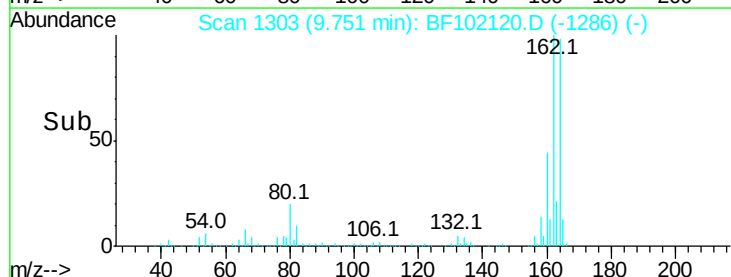
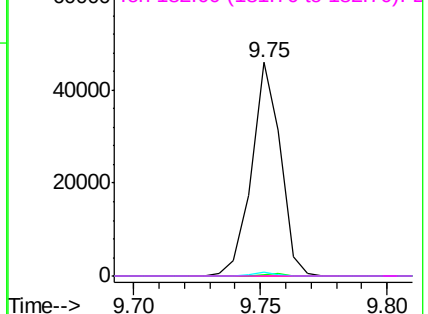
63 0.9 36.4 54.6#

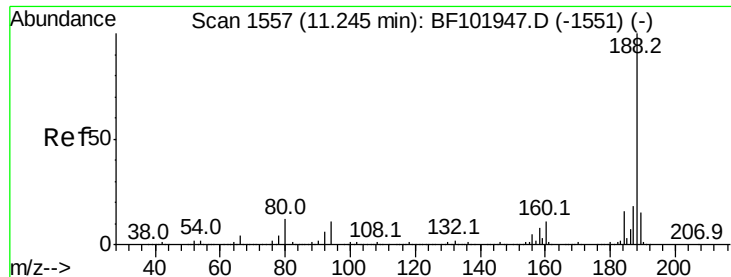
89 1.6 57.8 86.6#

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

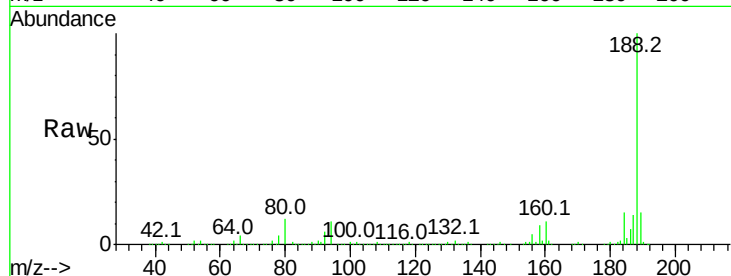




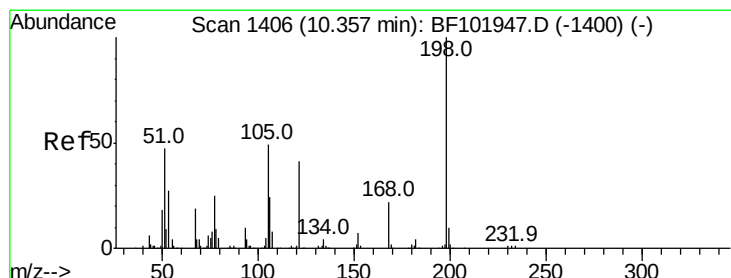
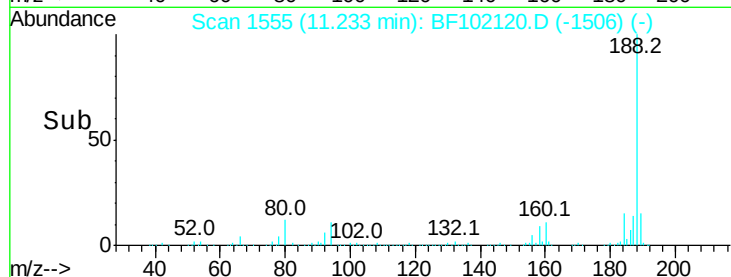
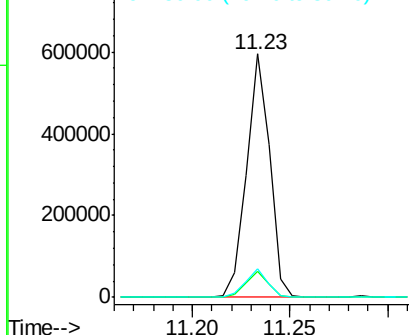
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 488410
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.2 13.8

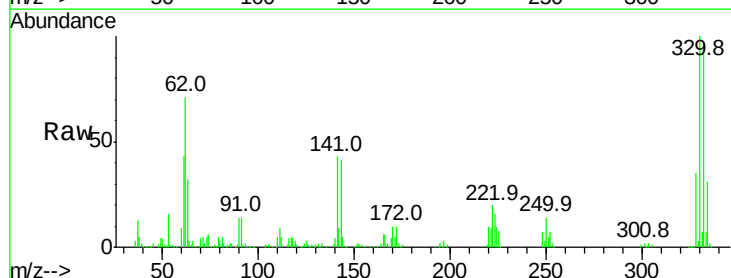


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

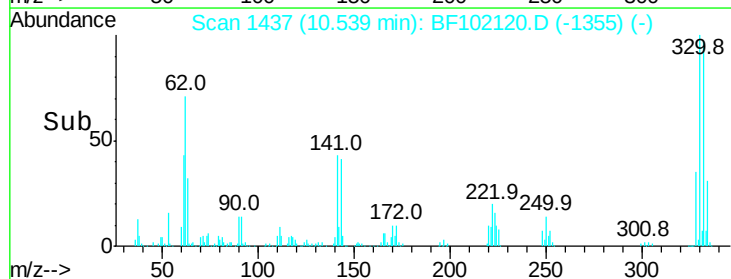
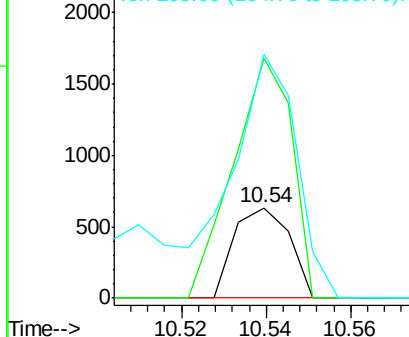


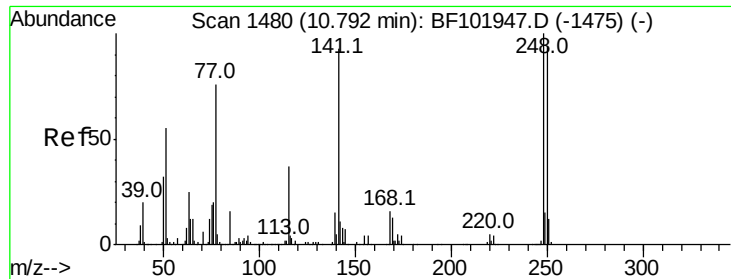
#64
4,6-Dinitro-2-methylphenol
Concen: 5.855 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Tgt Ion:198 Resp: 579
Ion Ratio Lower Upper
198 100
51 264.7 37.7 77.7#
105 269.2 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

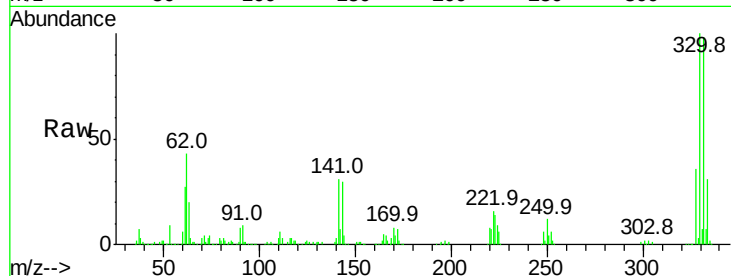




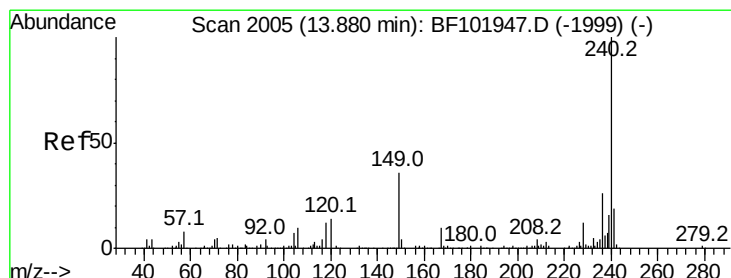
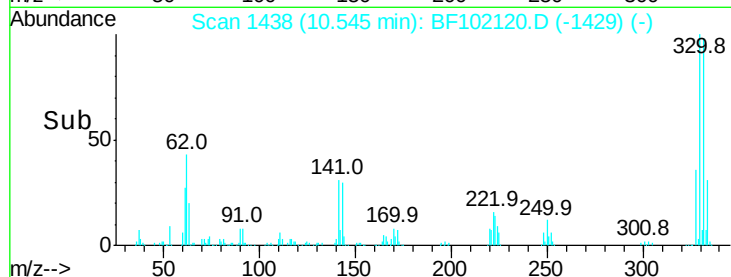
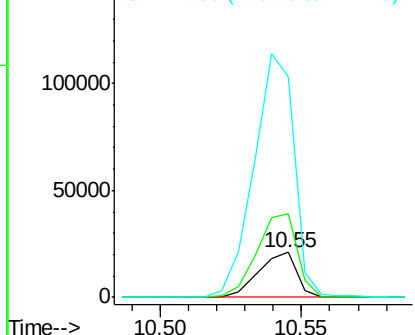
#66
4-Bromophenyl-phenylether
Concen: 3.818 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19694
Ion Ratio Lower Upper
248 100
250 187.6 76.9 115.3#
141 493.7 74.4 111.6#

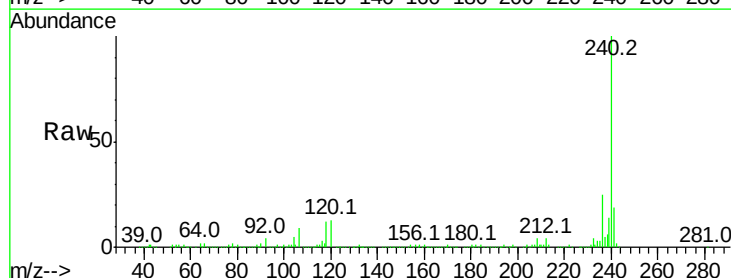


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

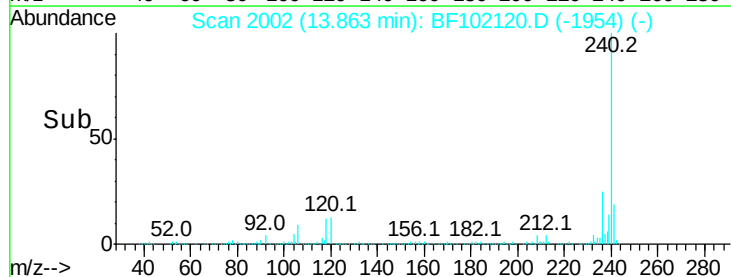
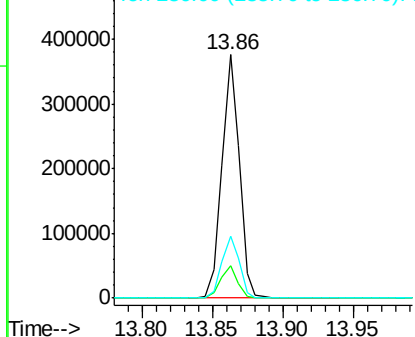


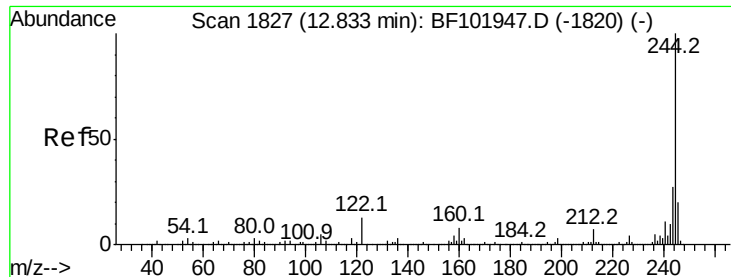
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Tgt Ion:240 Resp: 322311
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.5 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: 73.558 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Instrument :

BNA_F

ClientSampleId :

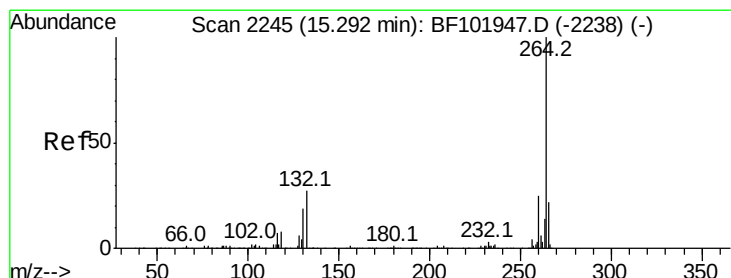
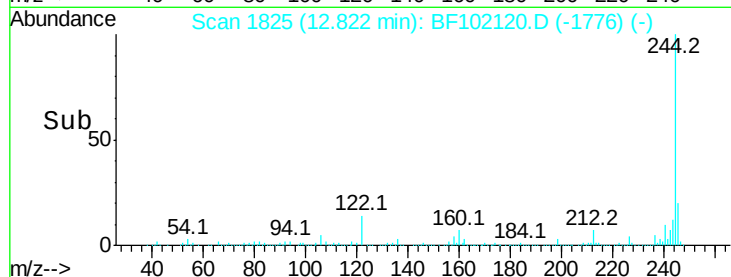
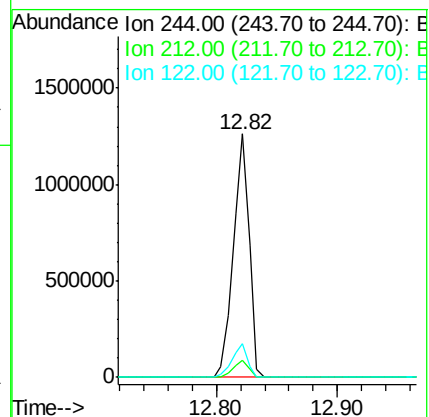
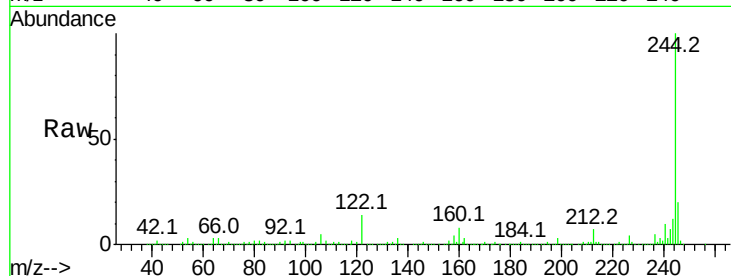
Tot Ion:244 Resp: 1141894

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 13.6 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Tgt Ion:264 Resp: 285661

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.2 17.5 26.3

