

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112266.D
 Acq On : 28 Jan 2019 11:18
 Operator : JU/SJ
 Sample : PB116607BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BL

Quant Time: Jan 28 12:26:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

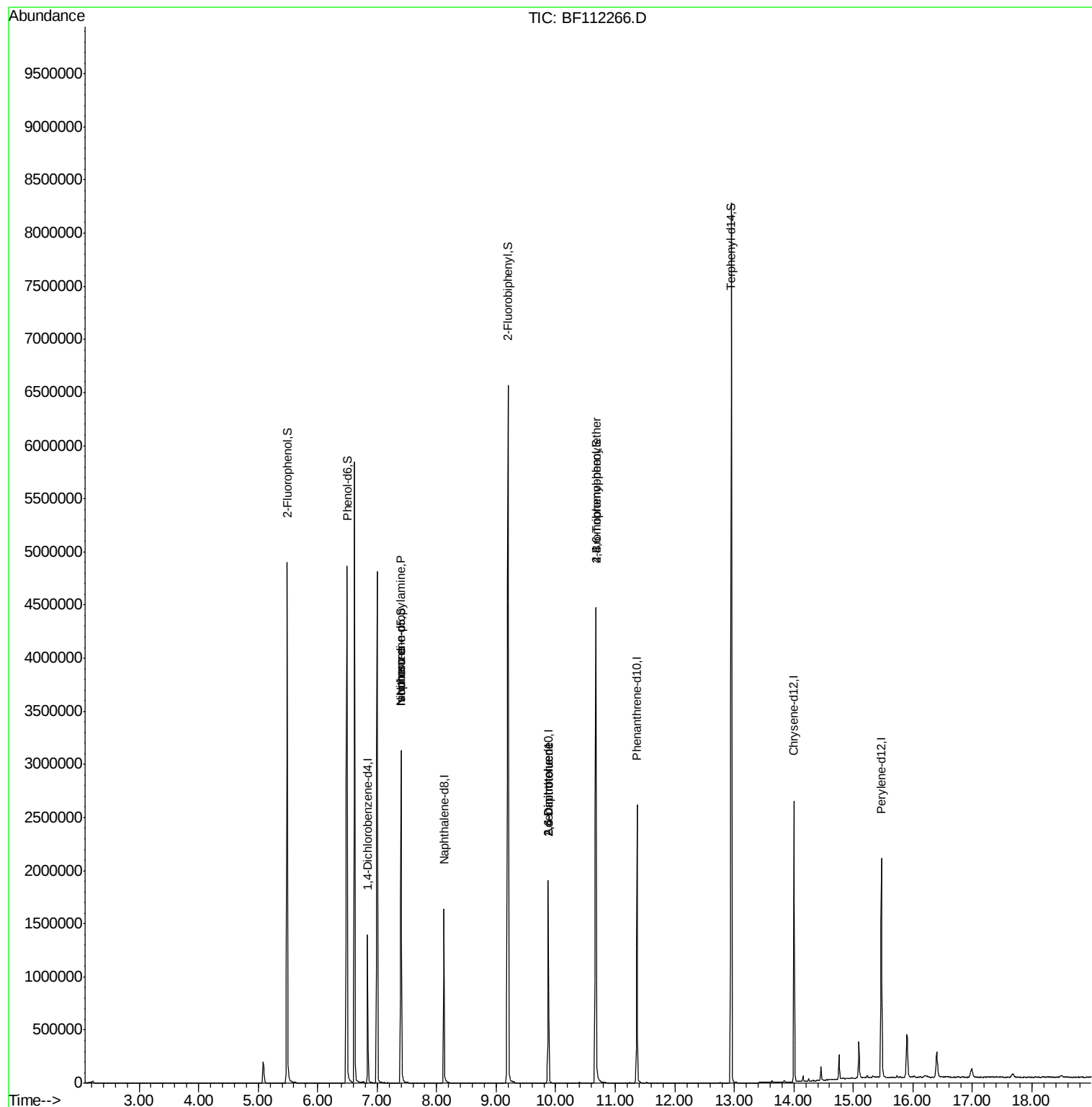
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	225989	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	887218	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	466541	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	995118	20.00	ng	0.00
76) Chrysene-d12	14.00	240	880957	20.00	ng	0.00
87) Perylene-d12	15.47	264	777762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1533599	144.14	ng	0.00
7) Phenol-d6	6.49	99	1914742	129.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	1258651	81.74	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	719514	132.50	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2704005	81.97	ng	0.00
79) Terphenyl-d14	12.95	244	3197129	68.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	169009	16.579	ng	# 76
25) Isophorone	7.40	82	1251392	51.805	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	58761	7.238	ng	# 33
57) 2,4-Dinitrotoluene	9.87	165	58761	5.686	ng	# 31
67) 4-Bromophenyl-phenylether	10.67	248	44172	3.774	ng	# 1

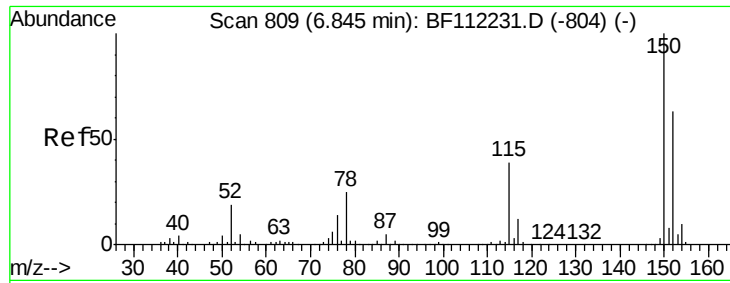
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112266.D
Acq On : 28 Jan 2019 11:18
Operator : JU/SJ
Sample : PB116607BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116607BL

Quant Time: Jan 28 12:26:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB116607BL

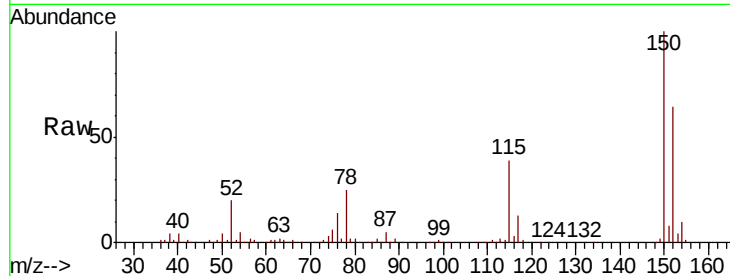
Tot Ion:152 Resp: 225989

Ion Ratio Lower Upper

152 100

150 156.6 127.4 191.0

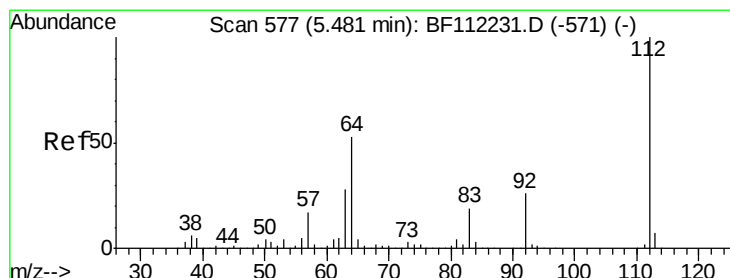
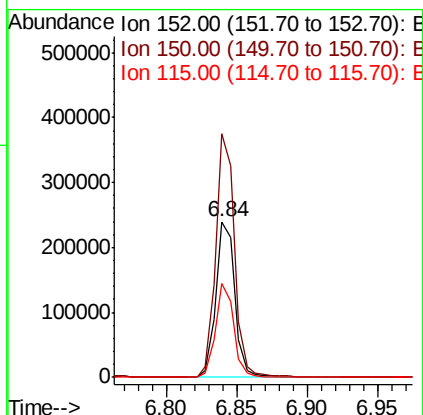
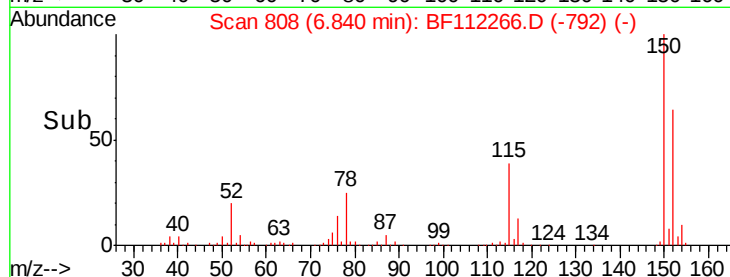
115 60.8 45.5 68.3



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: 144.143 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

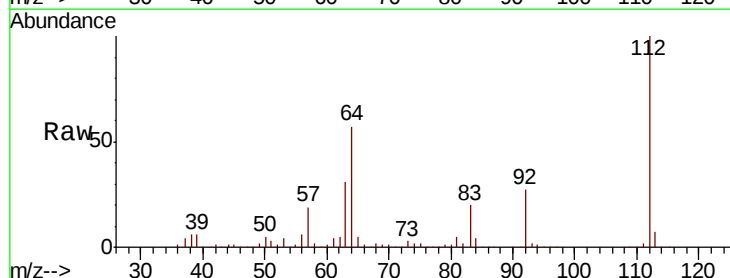
Tgt Ion:112 Resp: 1533599

Ion Ratio Lower Upper

112 100

64 56.5 45.7 68.5

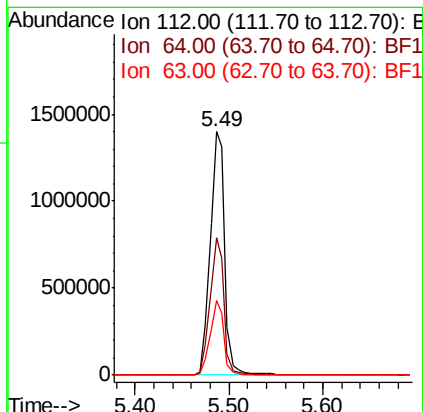
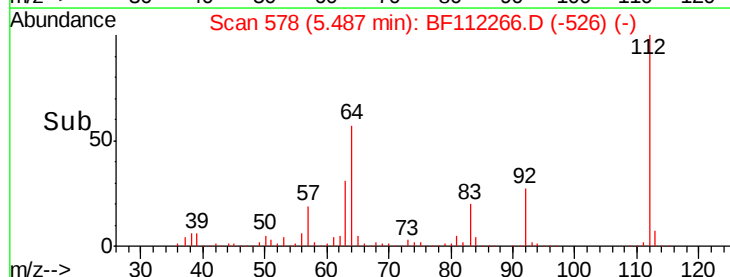
63 30.7 23.6 35.4

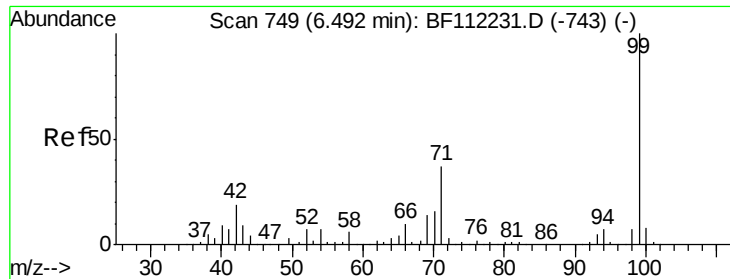


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 129.514 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB116607BL

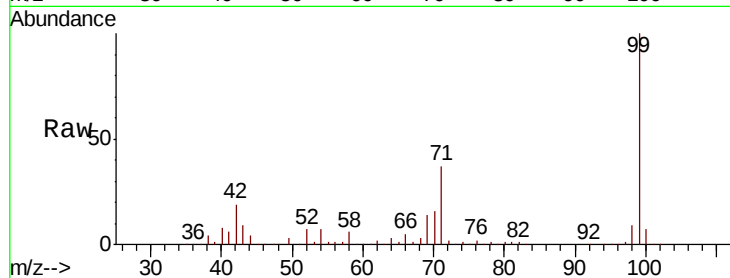
Tot Ion: 99 Resp: 1914742

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

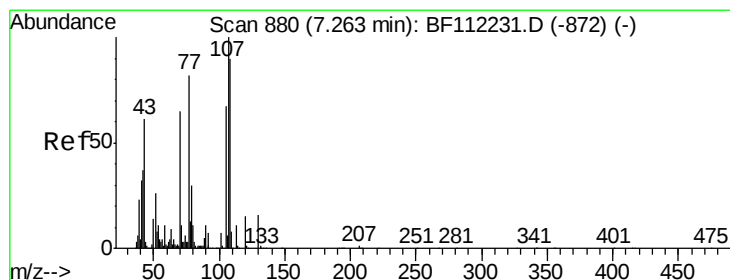
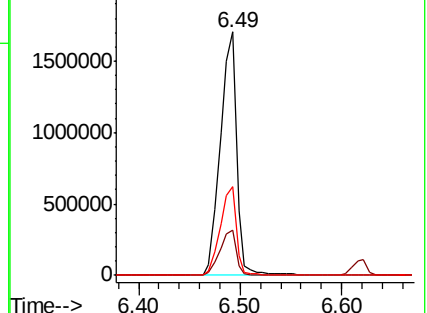
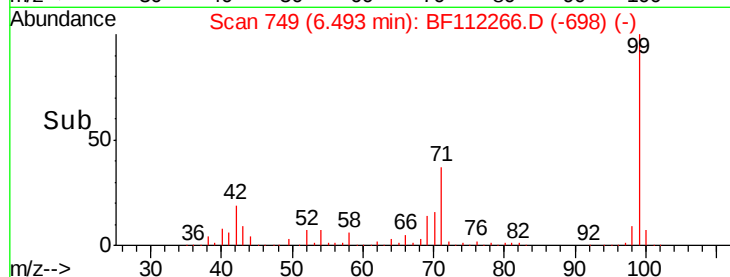
71 36.5 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.579 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Tgt Ion: 70 Resp: 169009

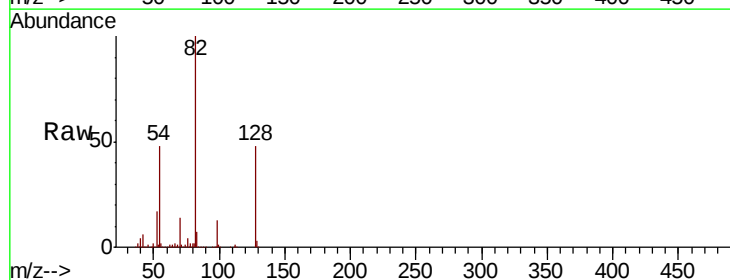
Ion Ratio Lower Upper

70 100

42 47.3 47.6 71.4#

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

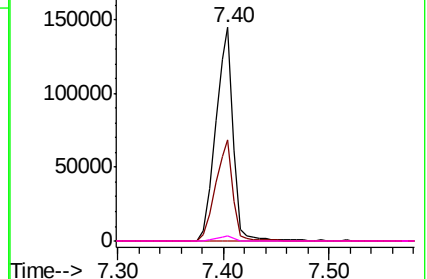
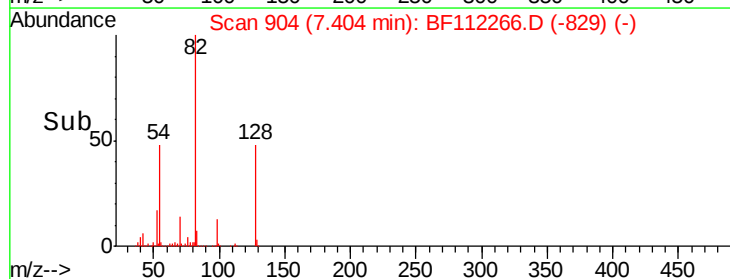


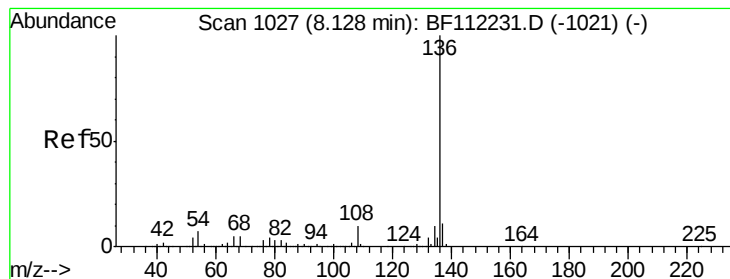
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB116607BL

Tot Ion:136 Resp: 887218

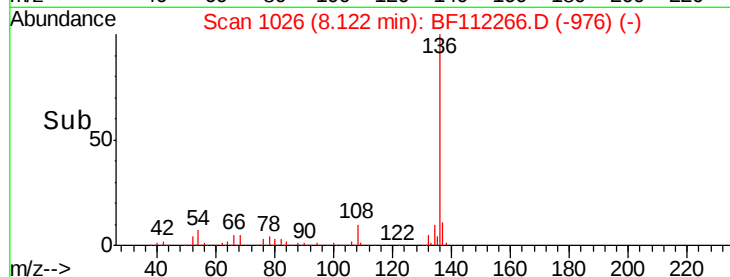
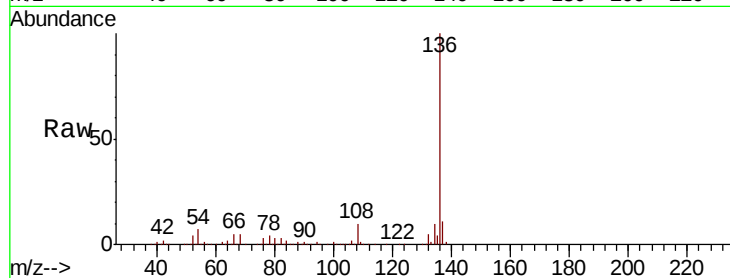
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.6 5.9 8.9

68 5.2 5.1 7.7

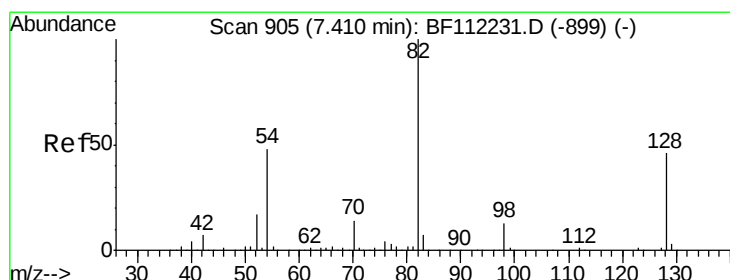
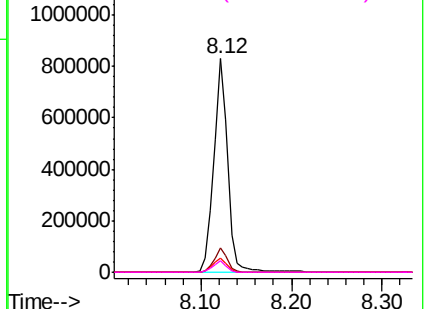


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.742 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

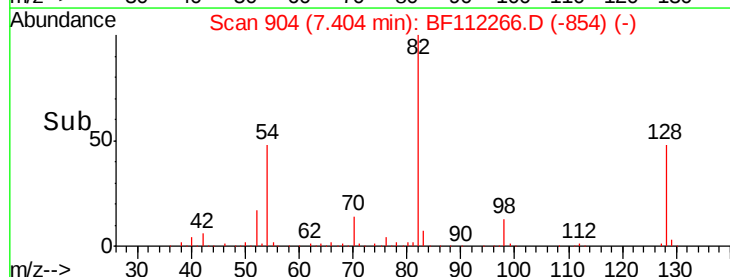
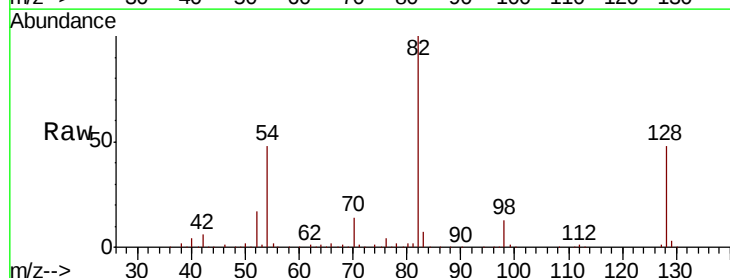
Tgt Ion: 82 Resp: 1258651

Ion Ratio Lower Upper

82 100

128 47.6 37.8 56.8

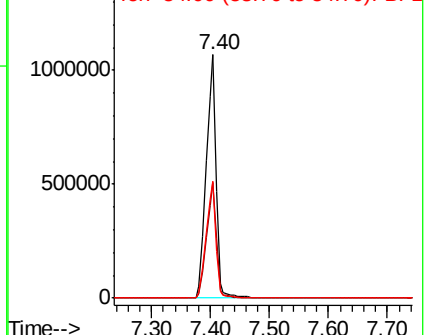
54 47.9 39.7 59.5

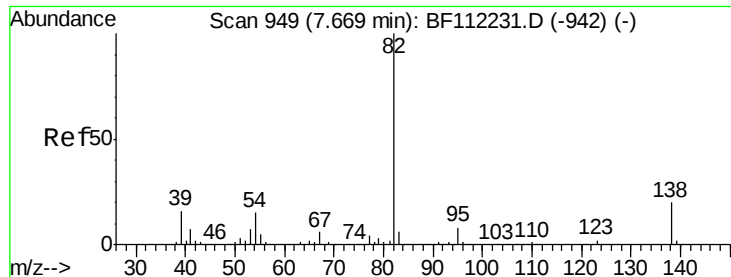


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.805 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB116607BL

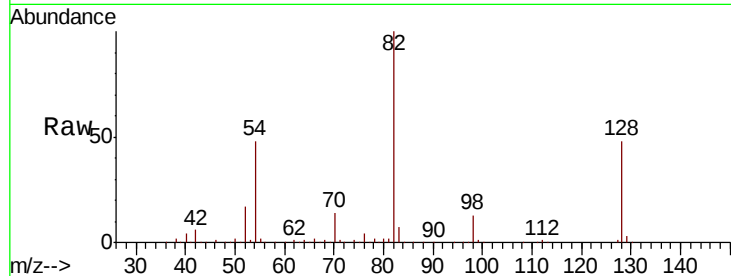
Tot Ion: 82 Resp: 1251392

Ion Ratio Lower Upper

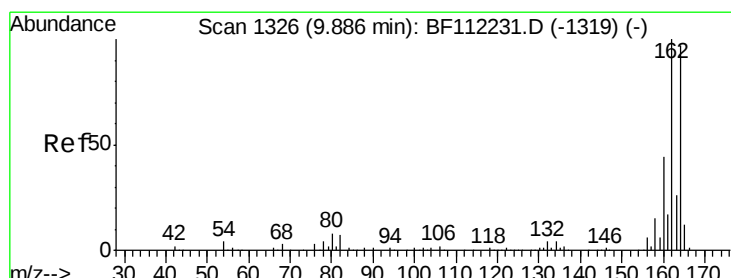
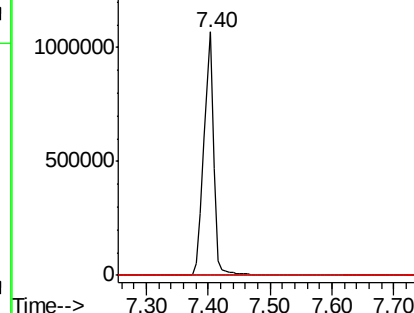
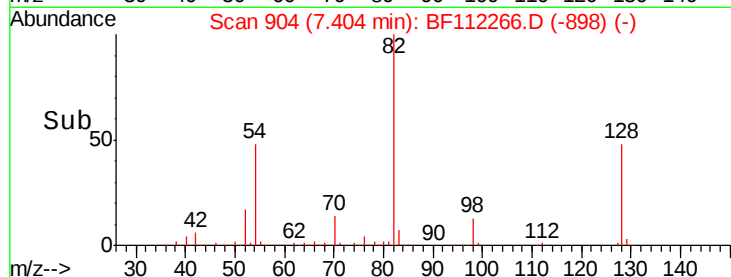
82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

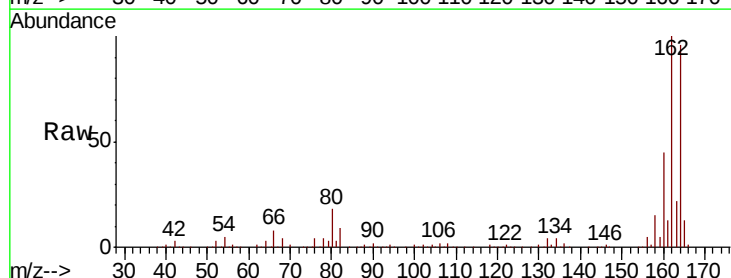
Tgt Ion:164 Resp: 466541

Ion Ratio Lower Upper

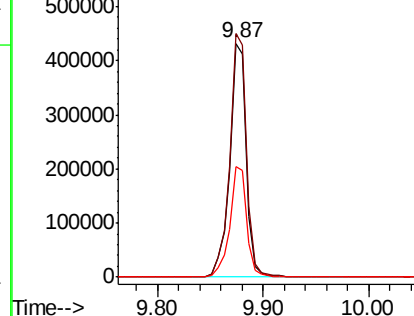
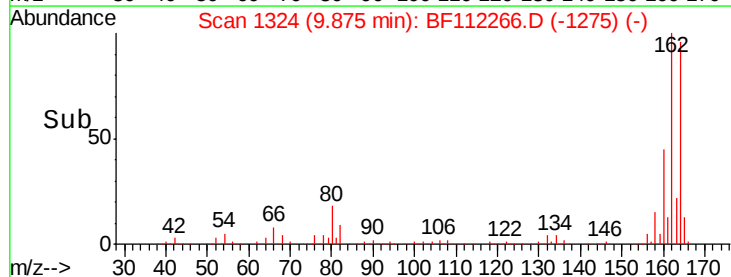
164 100

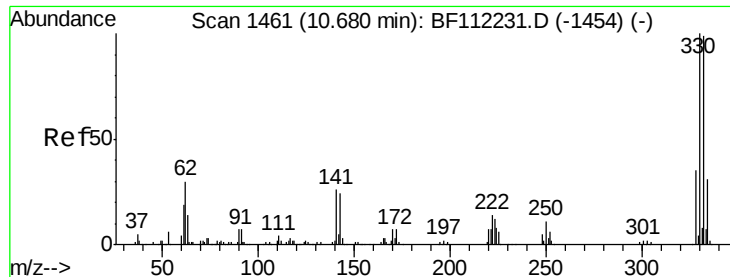
162 104.1 82.2 123.4

160 47.3 36.2 54.4



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





#42

2,4,6-Tribromophenol

Concen: 132.497 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB116607BL

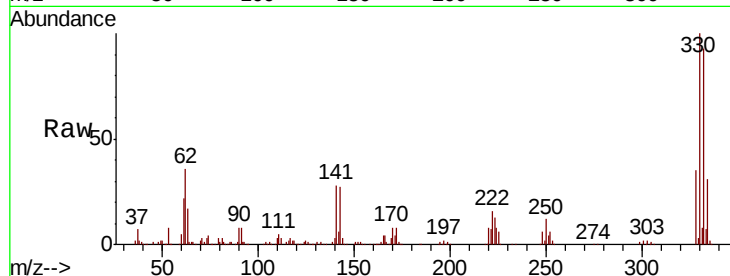
Tot Ion:330 Resp: 719514

Ion Ratio Lower Upper

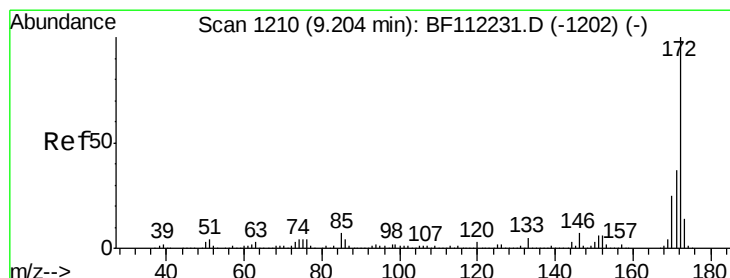
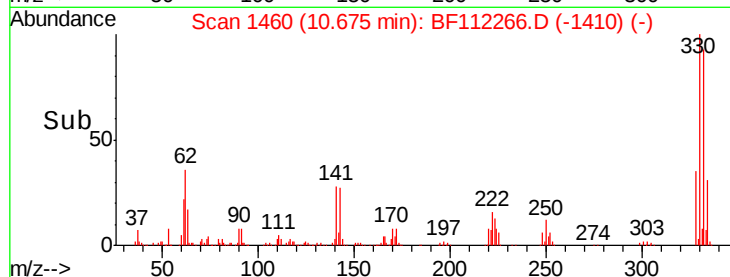
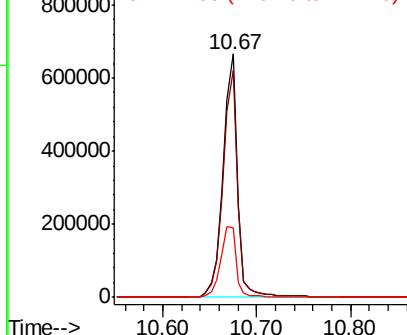
330 100

332 95.3 76.6 114.8

141 32.2 24.3 36.5



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



#45

2-Fluorobiphenyl

Concen: 81.973 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

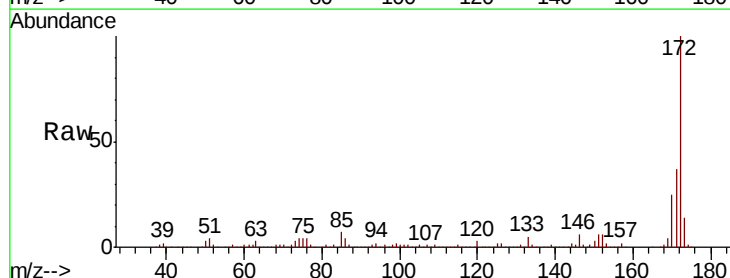
Tgt Ion:172 Resp: 2704005

Ion Ratio Lower Upper

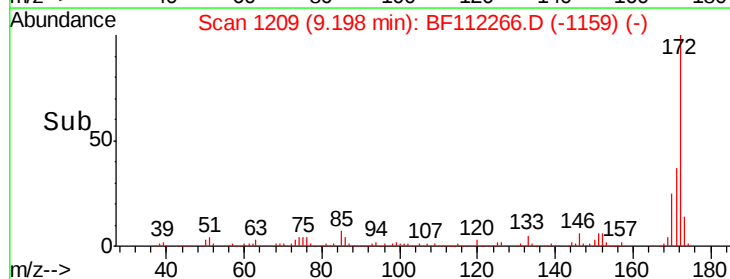
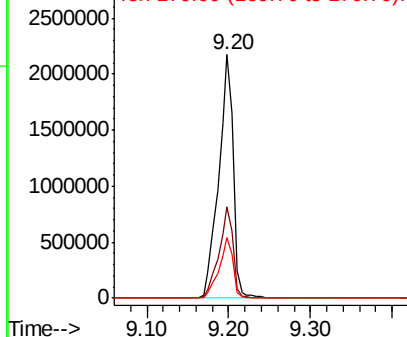
172 100

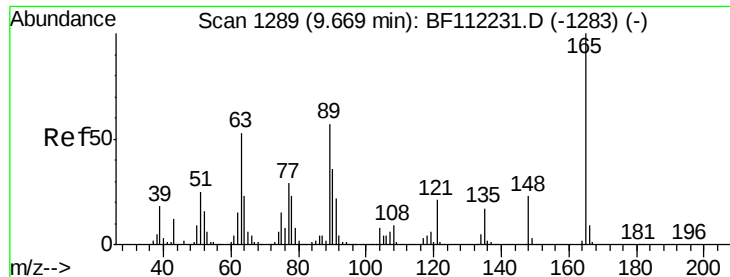
171 37.2 30.5 45.7

170 24.9 20.2 30.4



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





#51

2,6-Dinitrotoluene

Concen: 7.238 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB116607BL

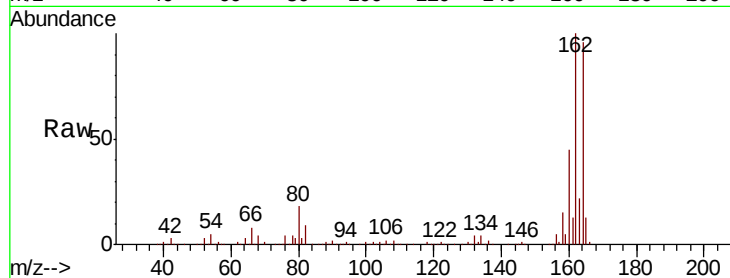
Tot Ion:165 Resp: 58761

Ion Ratio Lower Upper

165 100

63 1.0 33.8 50.8#

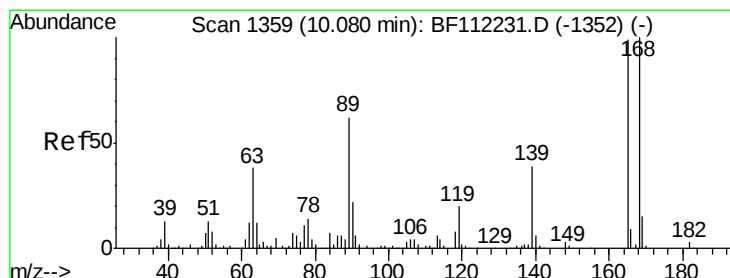
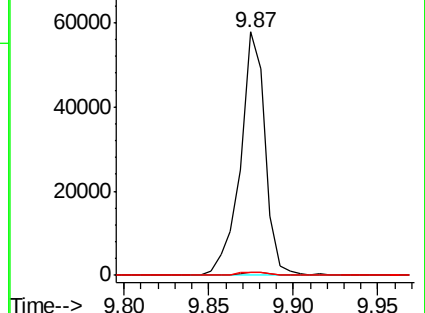
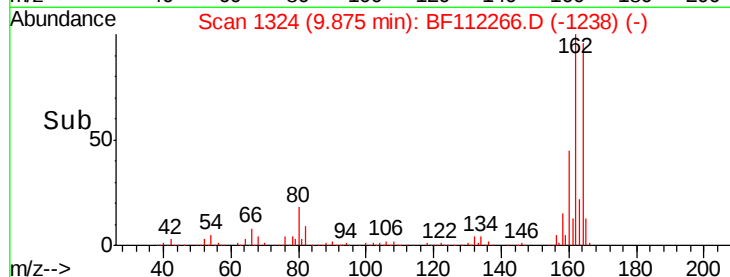
89 1.0 36.9 55.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.686 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Tgt Ion:165 Resp: 58761

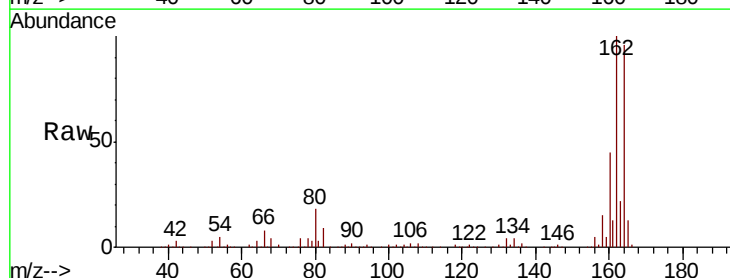
Ion Ratio Lower Upper

165 100

63 1.0 27.9 41.9#

89 1.0 47.9 71.9#

182 0.0 2.2 3.4#

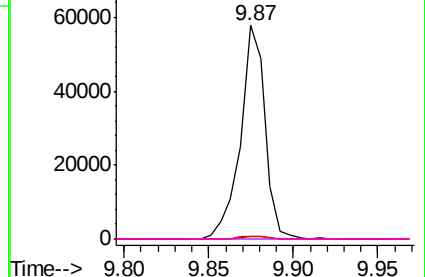
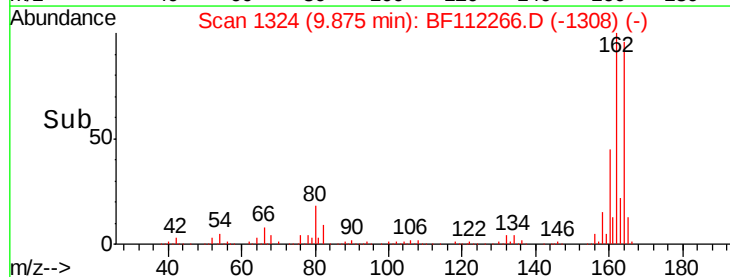


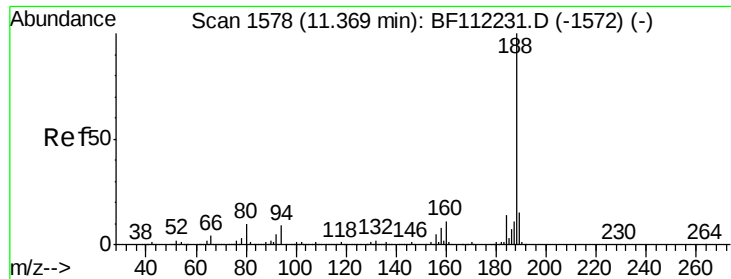
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB116607BL

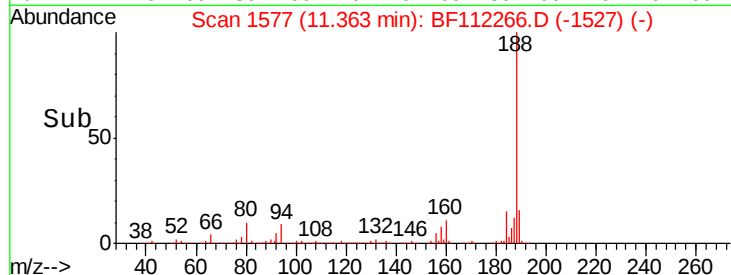
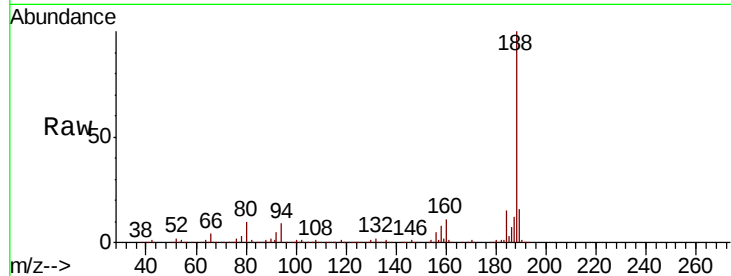
Tot Ion:188 Resp: 995118

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

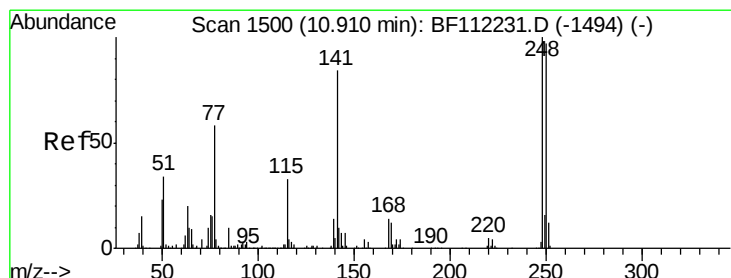
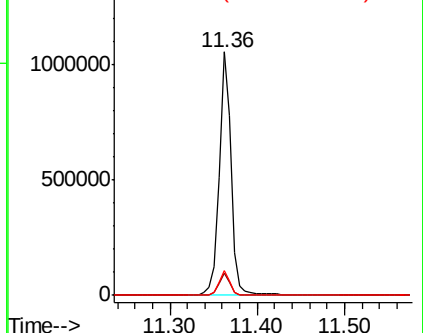
80 10.3 8.9 13.3



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



#67

4-Bromophenyl-phenylether

Concen: 3.774 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

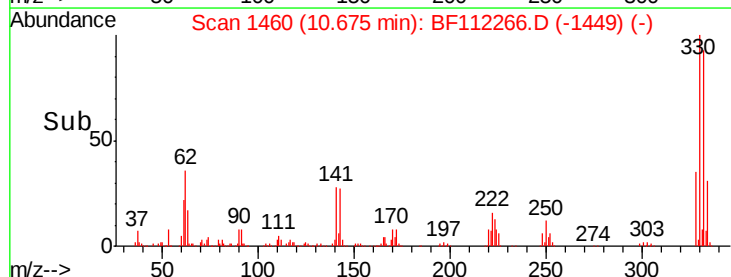
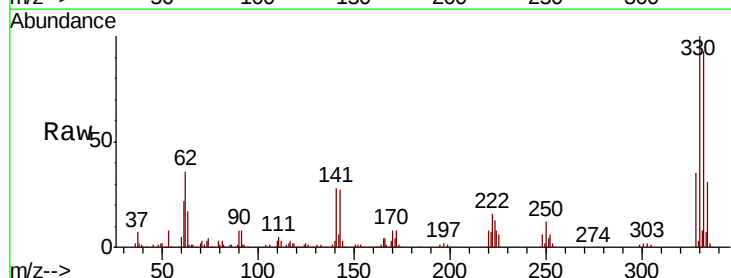
Tgt Ion:248 Resp: 44172

Ion Ratio Lower Upper

248 100

250 198.8 79.7 119.5#

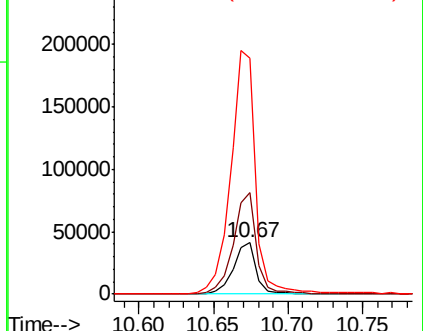
141 461.7 60.3 90.5#

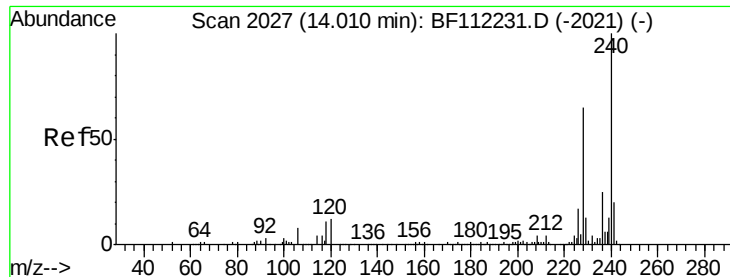


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

Instrument :

BNA_F

ClientSampleId :

PB116607BL

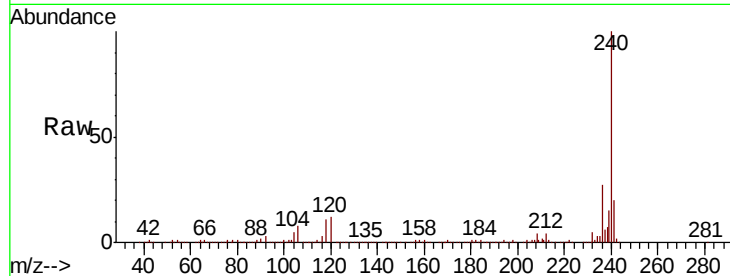
Tot Ion:240 Resp: 880957

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

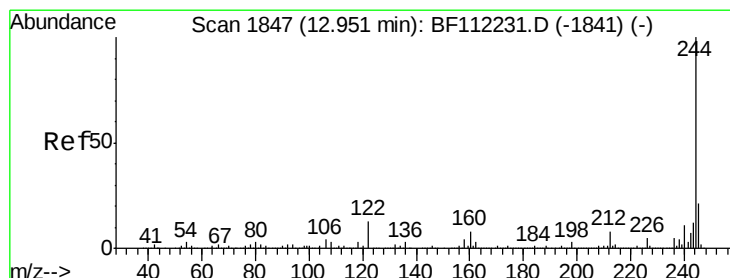
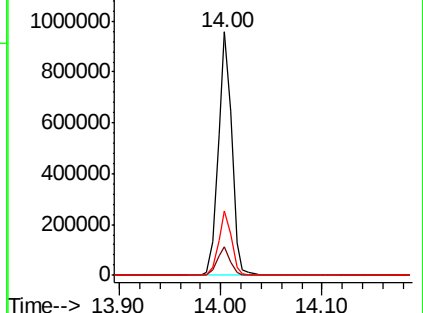
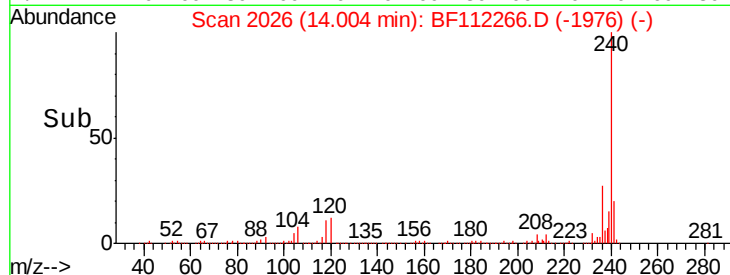
236 26.5 20.7 31.1



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



#79

Terphenyl-d14

Concen: 68.353 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112266.D

Acq: 28 Jan 2019 11:18

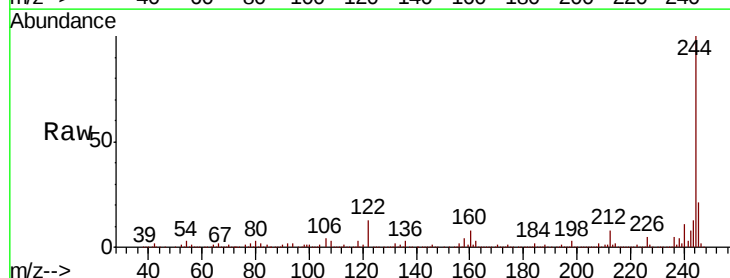
Tgt Ion:244 Resp: 3197129

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

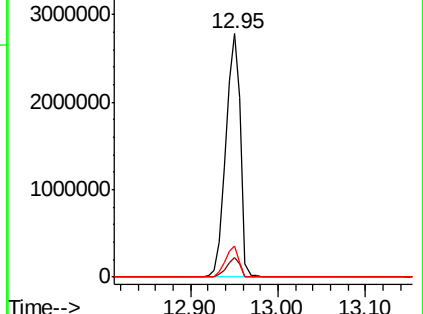
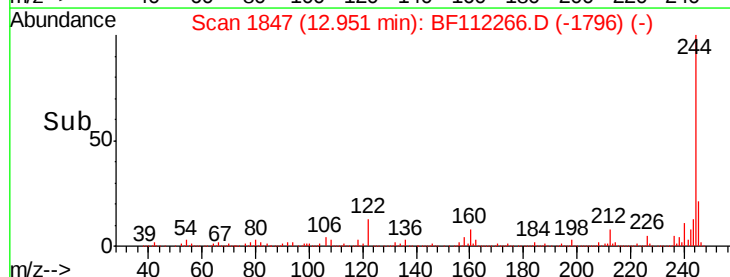
122 12.8 9.8 14.6

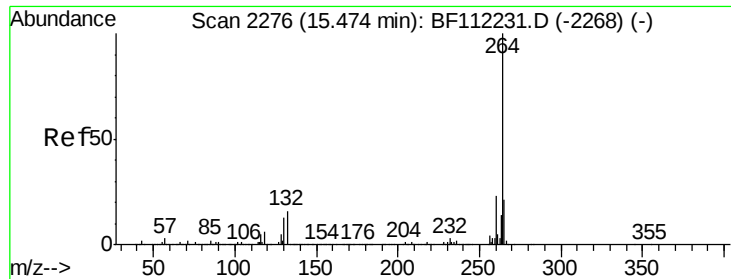


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112266.D
Acq: 28 Jan 2019 11:18

Instrument :
BNA_F
ClientSampleId :
PB116607BL

Tot Ion:	264	Resp:	777762
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.6	17.0	25.4

