

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111993.D
 Acq On : 10 Jan 2019 17:55
 Operator : JU/SJ
 Sample : K1100-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:52:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

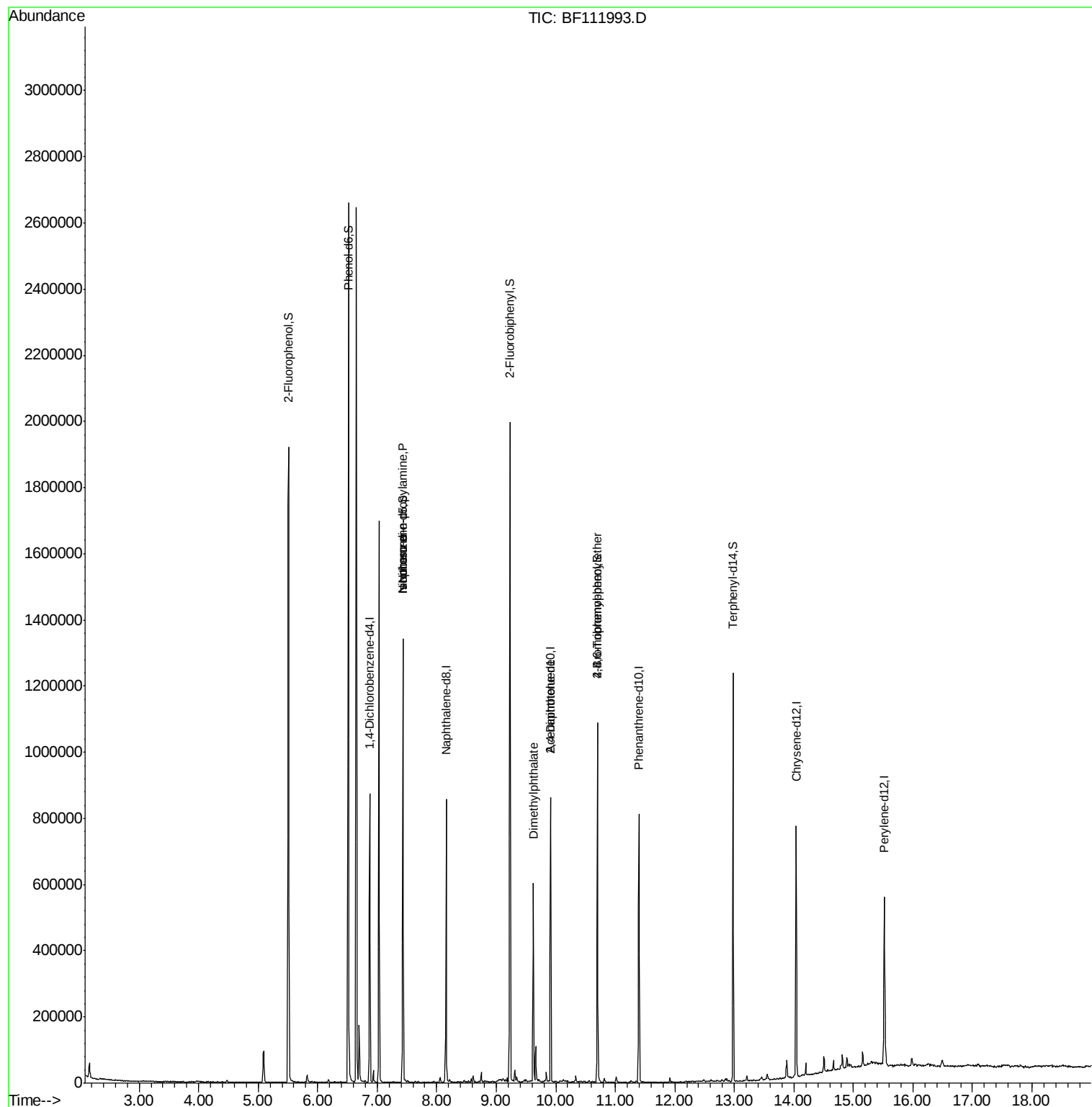
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118452	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	359115	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	174522	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	279533	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	257093	20.00	ng	-0.02
87) Perylene-d12	15.52	264	232837	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	519585	75.04	ng	-0.01
7) Phenol-d6	6.52	99	849211	95.16	ng	-0.02
23) Nitrobenzene-d5	7.43	82	403123	59.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	136164	59.98	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	573084	47.88	ng	-0.02
79) Terphenyl-d14	12.98	244	393161	29.03	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	1461	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	55240	9.527 ng	#	74
25) Isophorone	7.43	82	403177	37.054 ng	#	65
50) Dimethylphthalate	9.62	163	214138	16.334 ng	#	98
57) 2,4-Dinitrotoluene	9.91	165	21921	5.787 ng	#	27
67) 4-Bromophenyl-phenylether	10.70	248	8534	2.357 ng	#	1

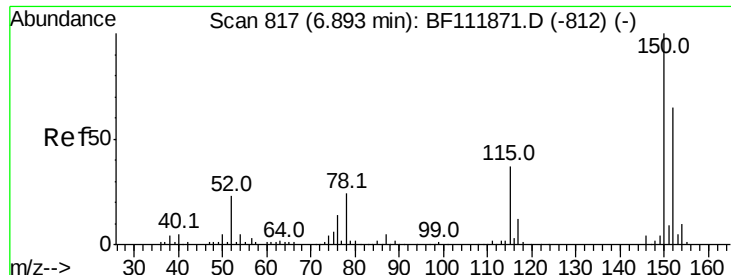
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111993.D
Acq On : 10 Jan 2019 17:55
Operator : JU/SJ
Sample : K1100-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:52:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



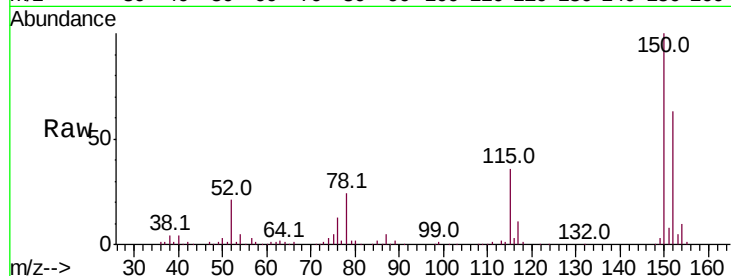


#1

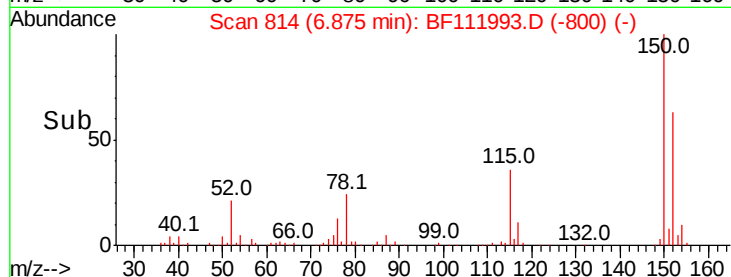
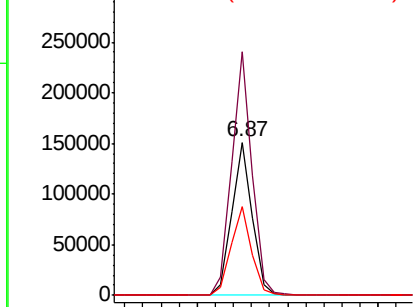
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111993.D
Acq: 10 Jan 2019 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118452
Ion Ratio Lower Upper
152 100
150 159.0 122.7 184.1
115 57.9 45.2 67.8



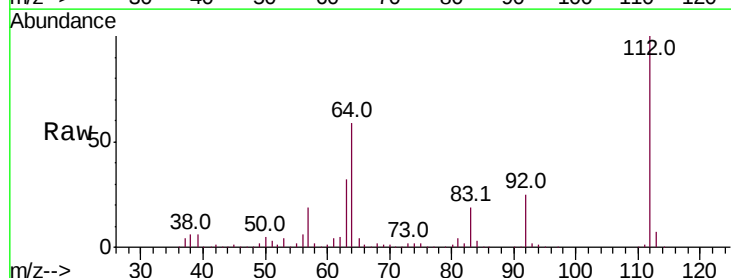
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



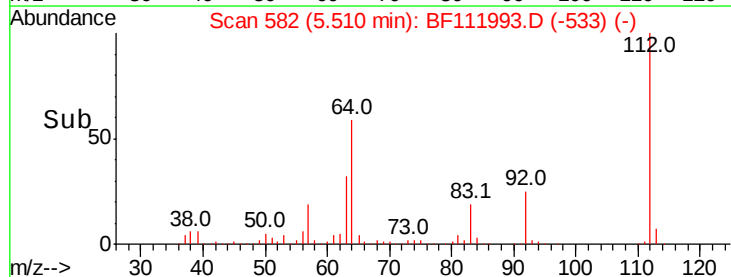
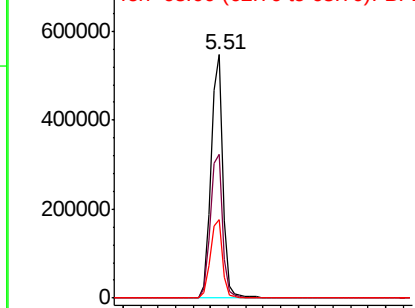
#5

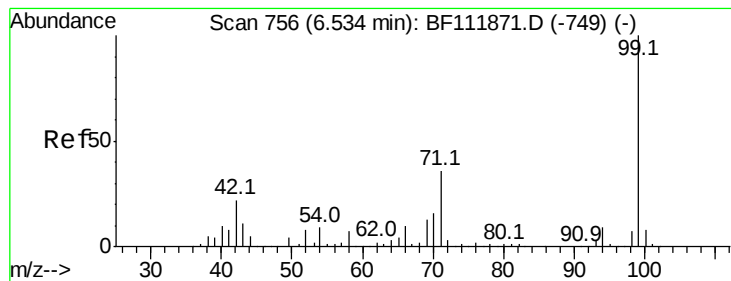
2-Fluorophenol
Concen: 75.044 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111993.D
Acq: 10 Jan 2019 17:55

Tgt Ion:112 Resp: 519585
Ion Ratio Lower Upper
112 100
64 59.0 48.3 72.5
63 32.3 26.1 39.1



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: 95.162 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Instrument :

BNA_F

ClientSampled :

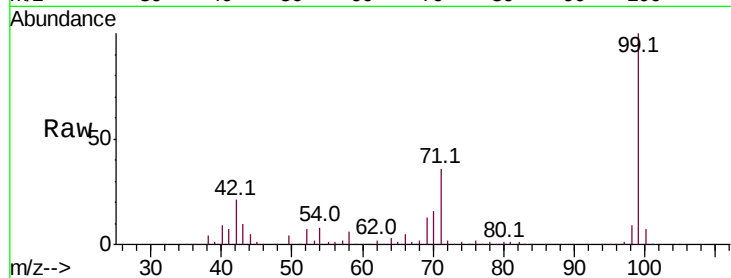
Tot Ion: 99 Resp: 849211

Ion Ratio Lower Upper

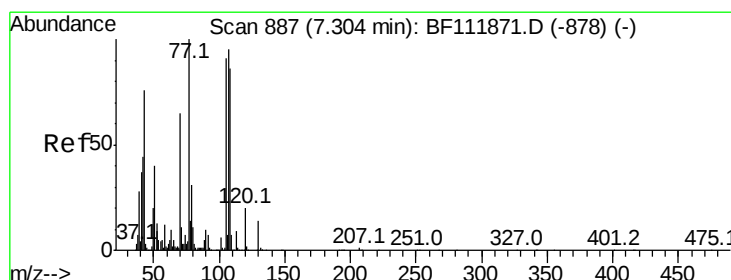
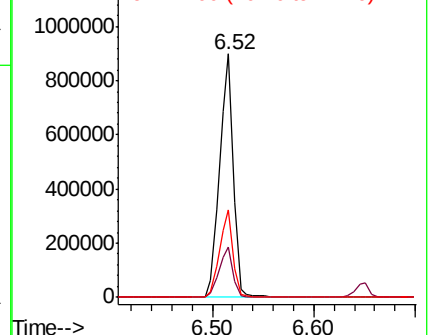
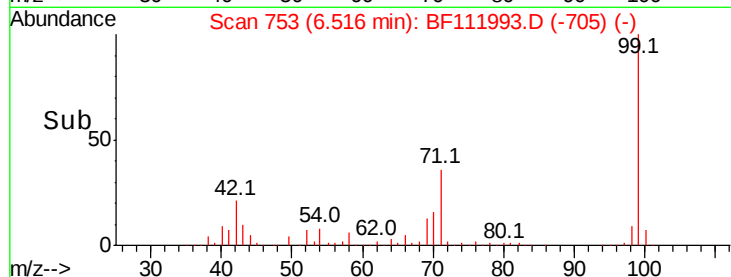
99 100

42 20.8 17.9 26.9

71 35.8 28.7 43.1



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: 9.527 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Tgt Ion: 70 Resp: 55240

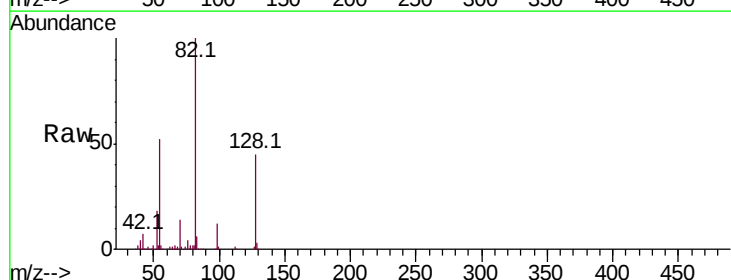
Ion Ratio Lower Upper

70 100

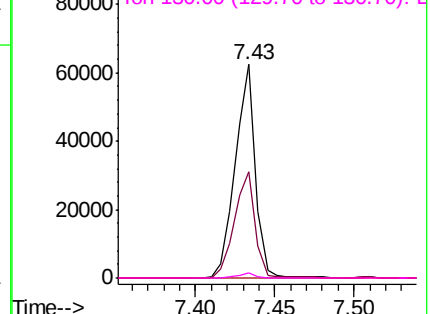
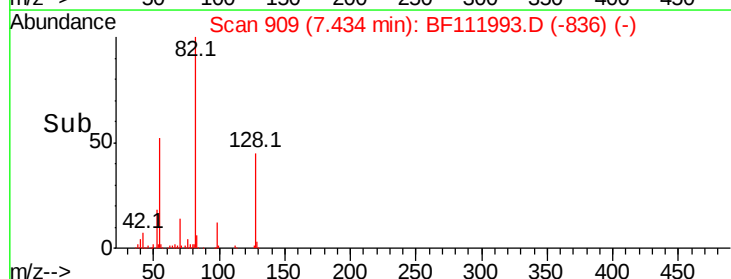
42 49.6 53.6 80.4#

101 0.0 7.3 10.9#

130 2.3 16.8 25.2#



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: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 359115

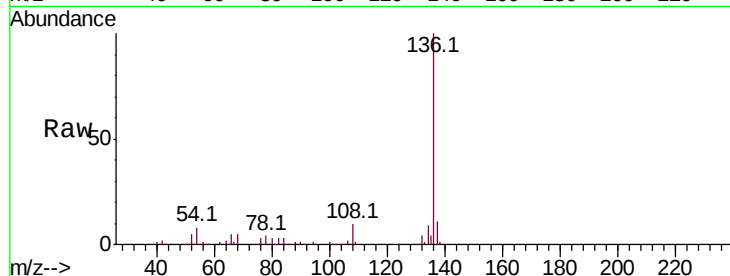
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.2 7.2 10.8

68 5.1 4.4 6.6

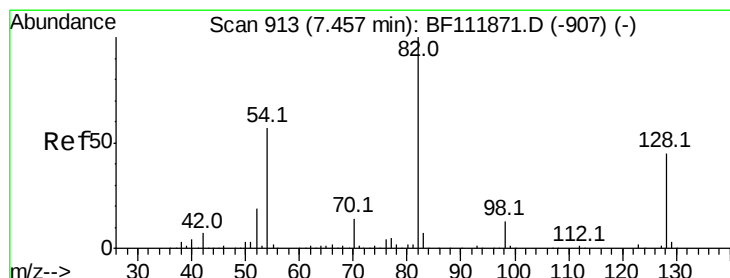
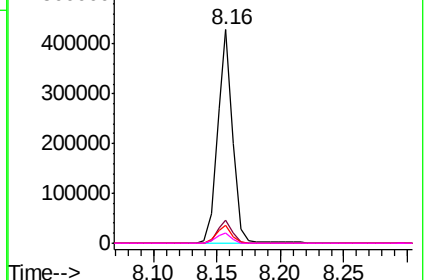
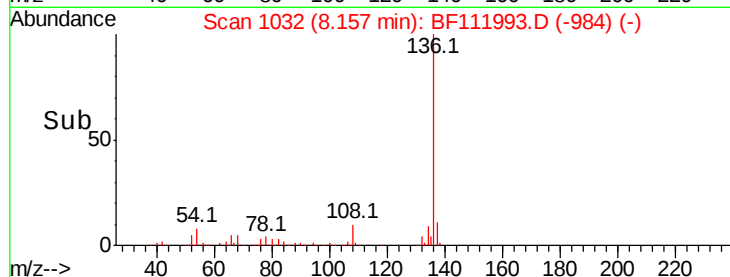


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.995 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

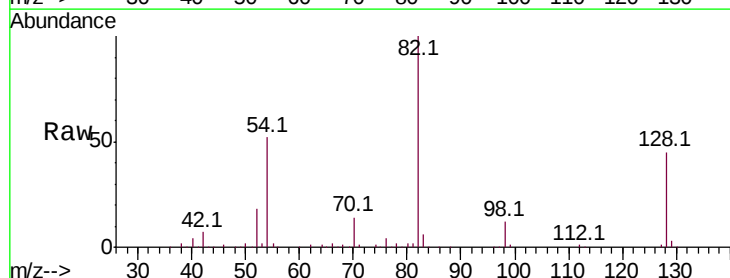
Tgt Ion: 82 Resp: 403123

Ion Ratio Lower Upper

82 100

128 45.5 35.7 53.5

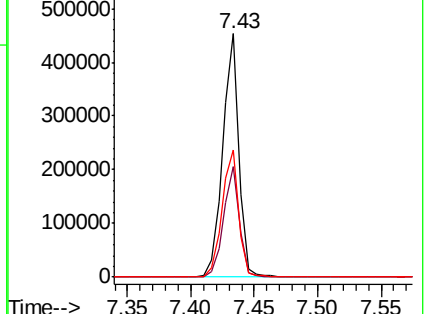
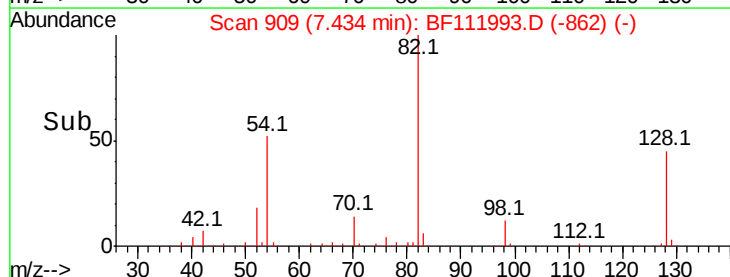
54 52.3 45.8 68.8

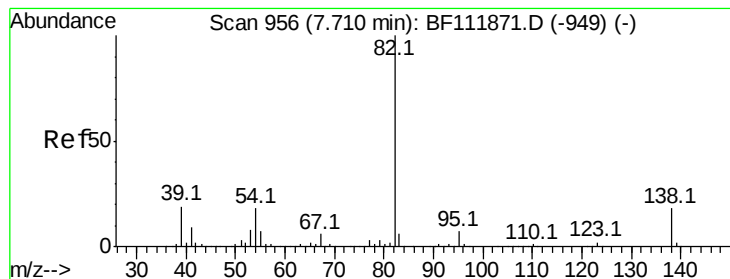


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.054 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

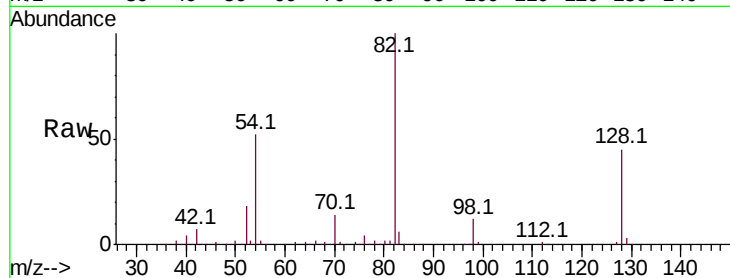
Tot Ion: 82 Resp: 403177

Ion Ratio Lower Upper

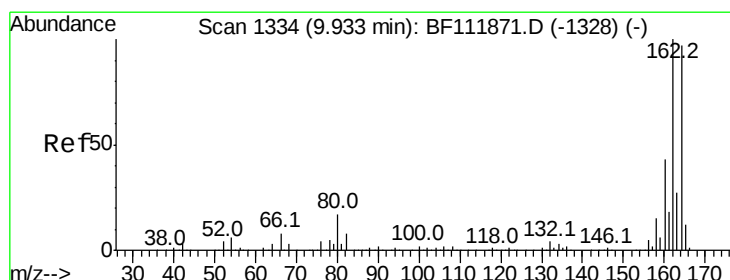
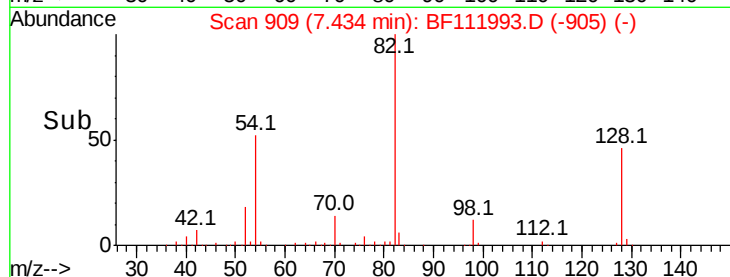
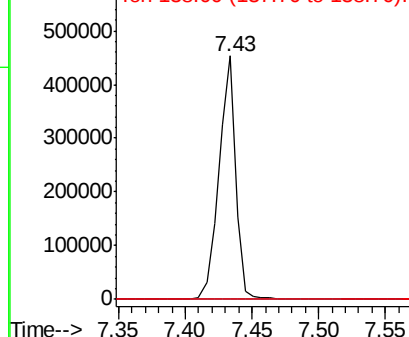
82 100

95 0.0 5.8 8.6#

138 0.0 14.4 21.6#



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: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

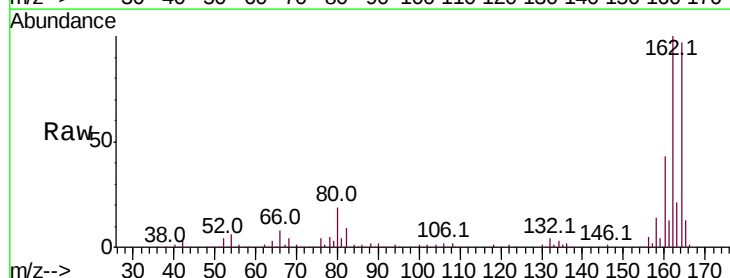
Tgt Ion: 164 Resp: 174522

Ion Ratio Lower Upper

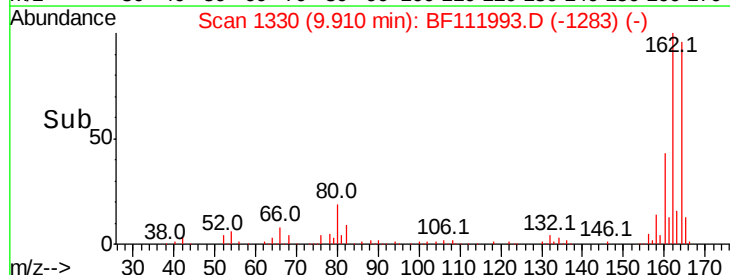
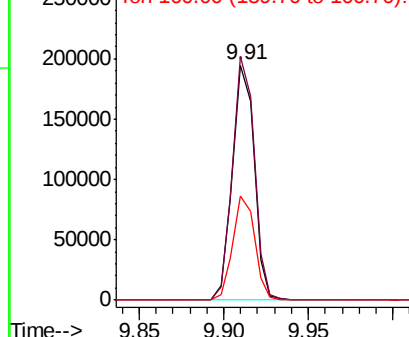
164 100

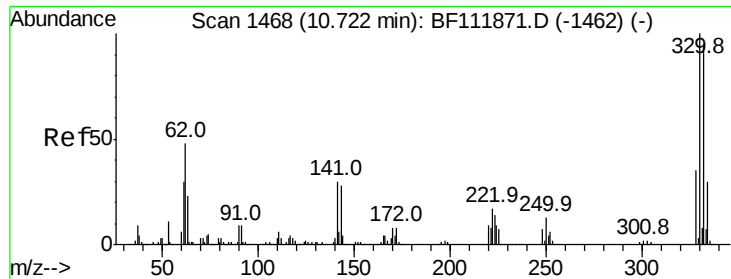
162 103.5 82.2 123.2

160 44.0 35.5 53.3



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

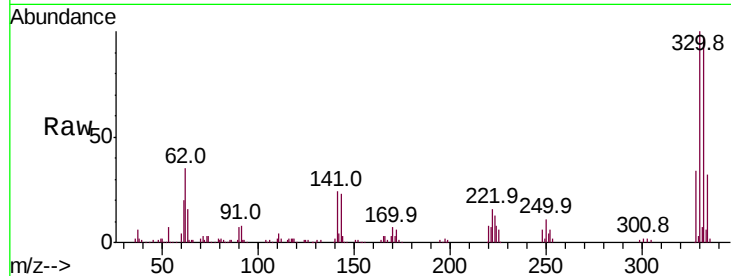




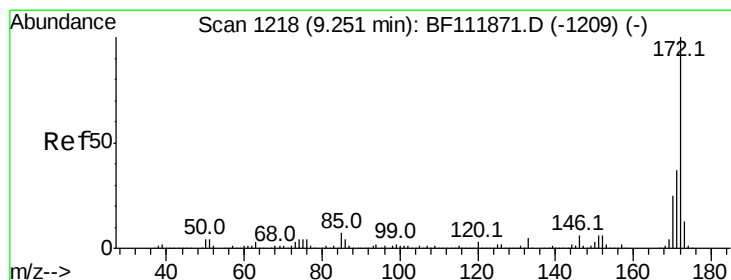
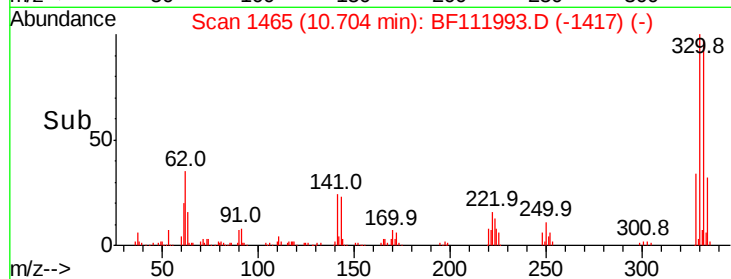
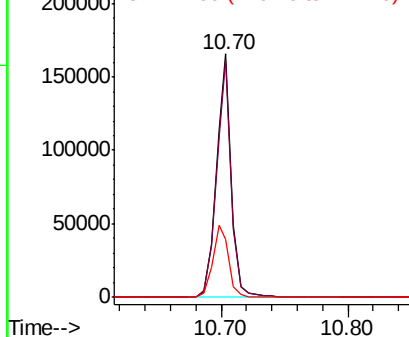
#42
 2,4,6-Tribromophenol
 Concen: 59.984 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF111993.D
 Acq: 10 Jan 2019 17:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	31.8	23.7	35.5

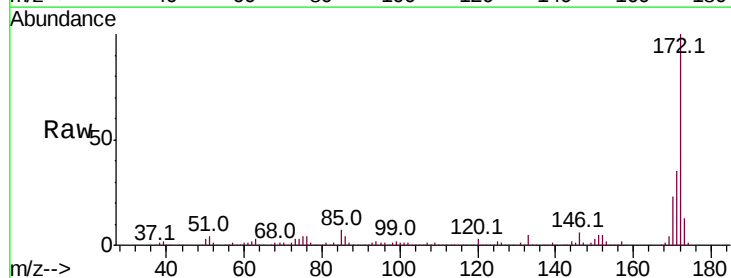


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

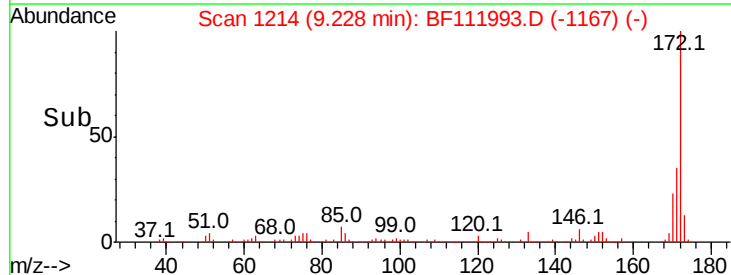
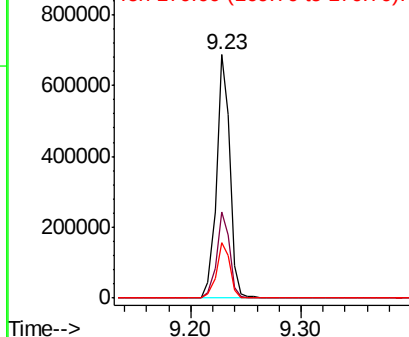


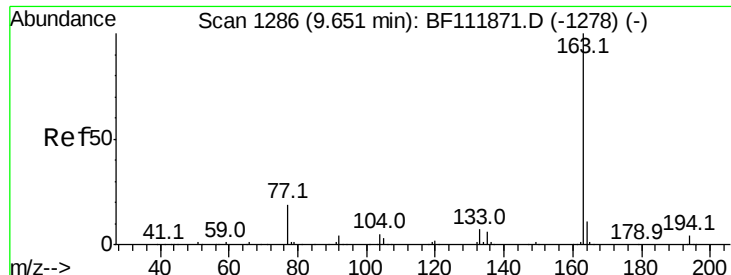
#45
 2-Fluorobiphenyl
 Concen: 47.883 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF111993.D
 Acq: 10 Jan 2019 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	22.8	19.8	29.8



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

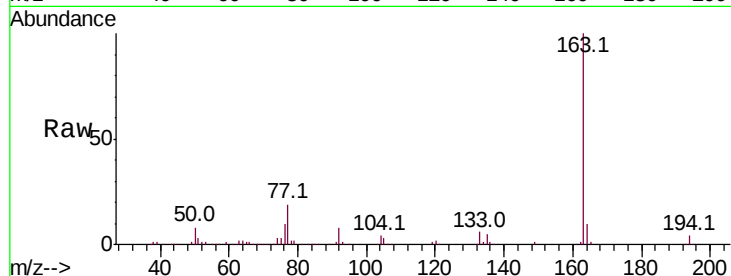




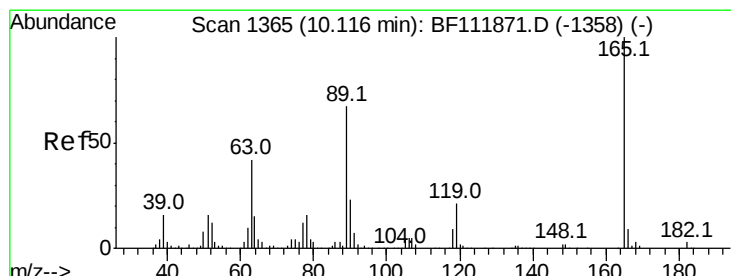
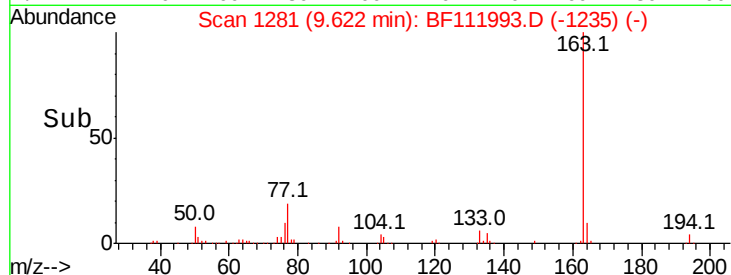
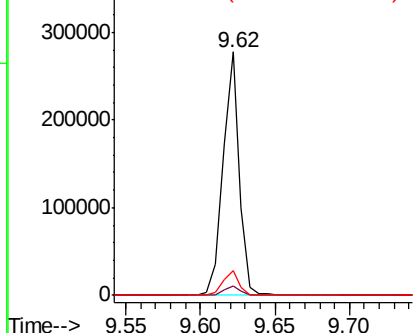
#50
Dimethylphthalate
Concen: 16.334 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111993.D
Acq: 10 Jan 2019 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.9	8.5	12.7



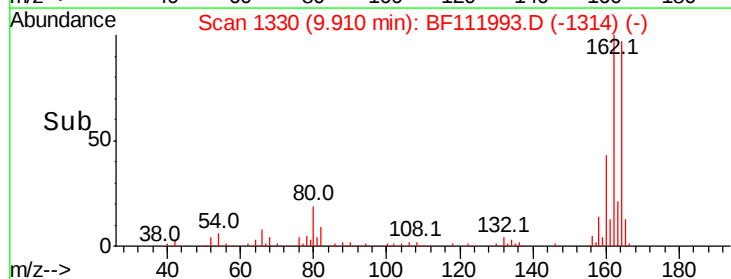
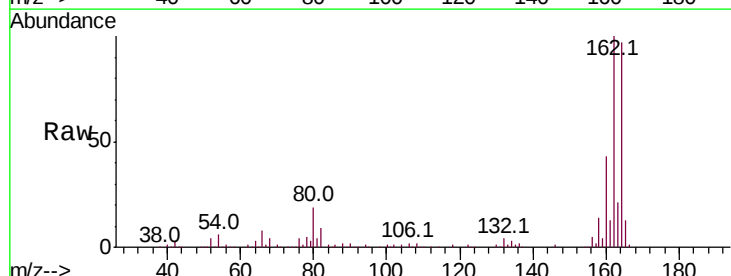
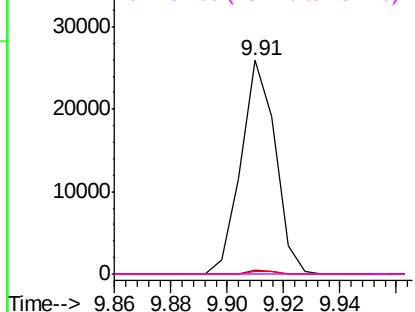
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

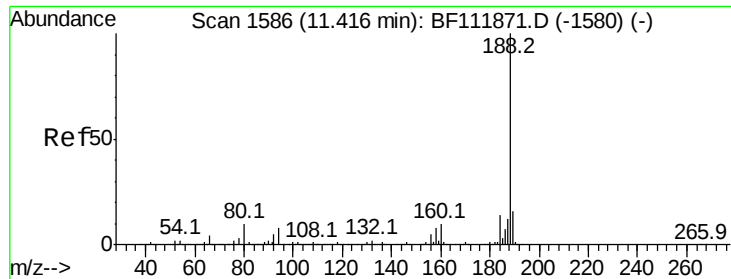


#57
2,4-Dinitrotoluene
Concen: 5.787 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF111993.D
Acq: 10 Jan 2019 17:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.1	51.1#
89	1.5	53.5	80.3#
182	0.0	2.0	3.0#

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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

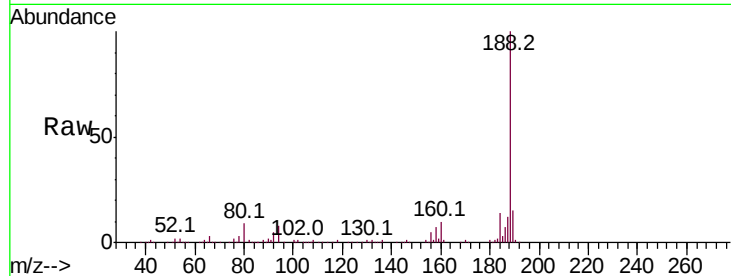
Tot Ion:188 Resp: 279533

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

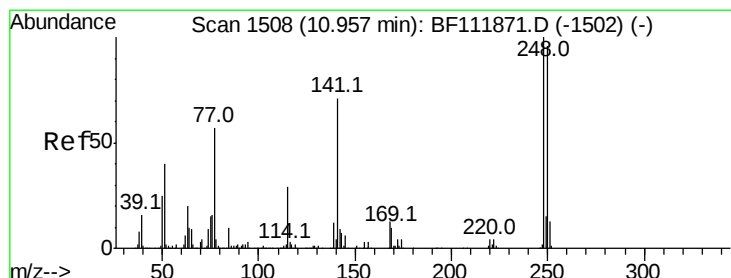
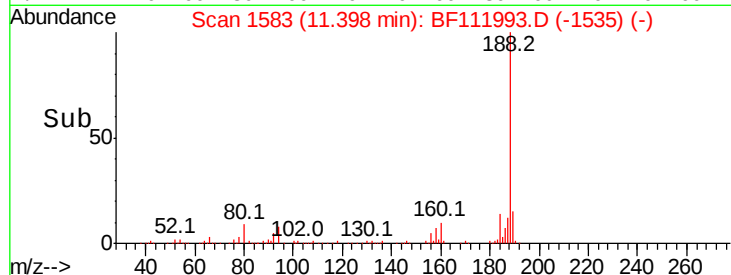
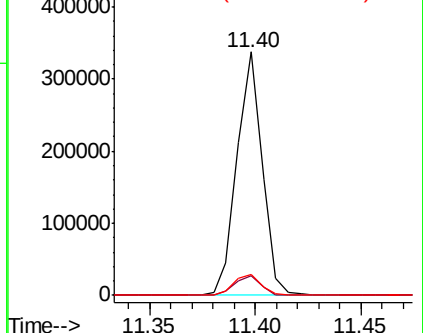
80 8.7 7.7 11.5



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: 2.357 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

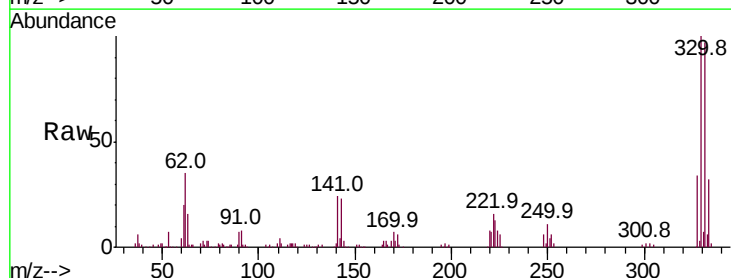
Tgt Ion:248 Resp: 8534

Ion Ratio Lower Upper

248 100

250 191.9 76.8 115.2#

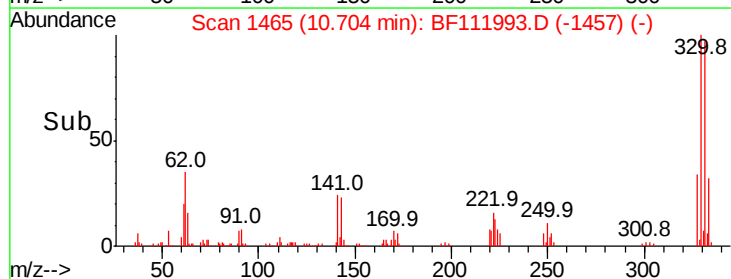
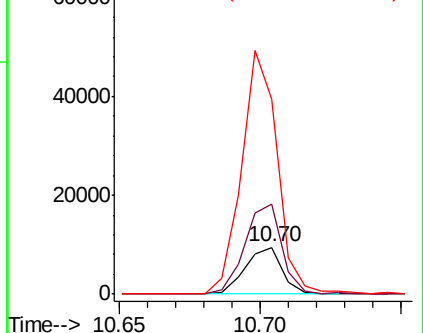
141 416.0 57.0 85.6#

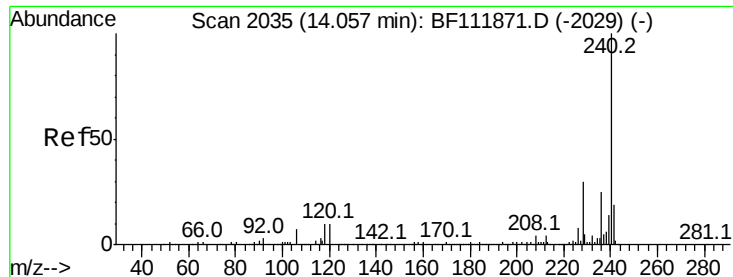


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

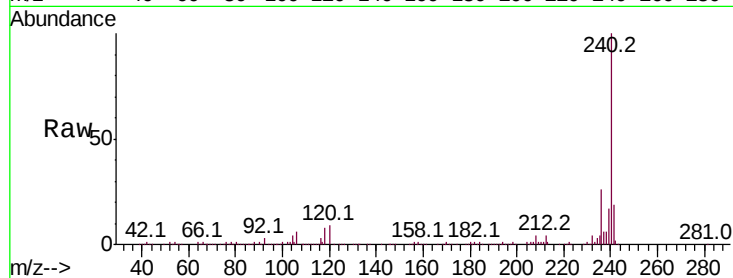
Tot Ion:240 Resp: 257093

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

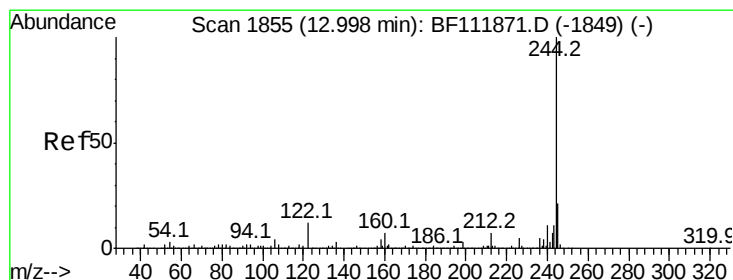
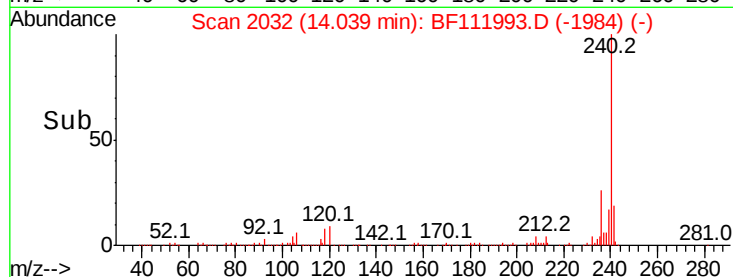
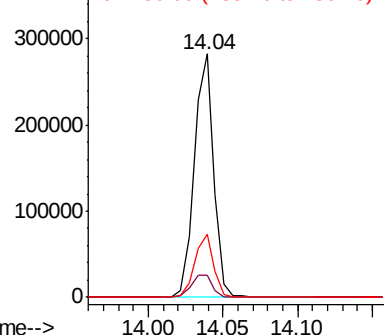
236 25.8 20.2 30.4



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: 29.029 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

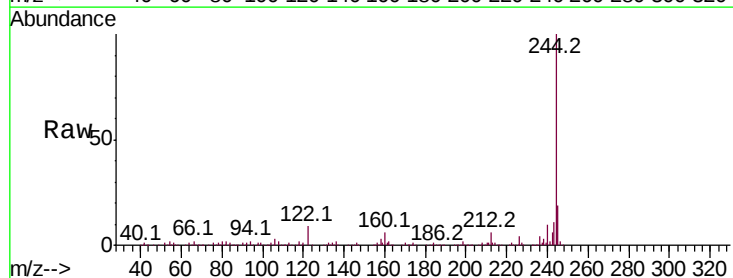
Tgt Ion:244 Resp: 393161

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

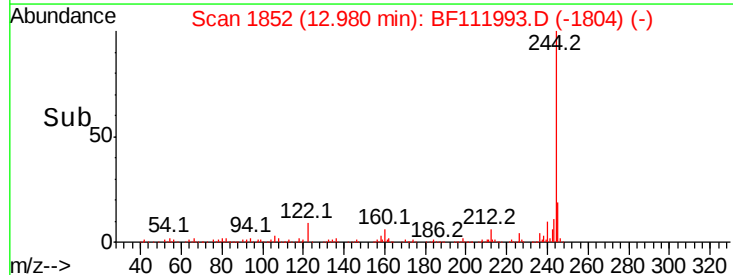
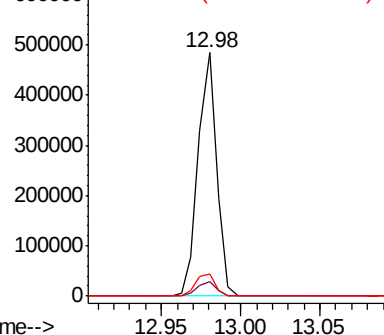
122 9.3 9.5 14.3#

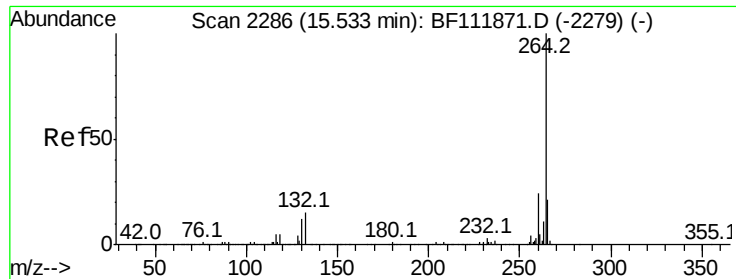


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF111993.D
 Acq: 10 Jan 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.1	25.7

