

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109377.D
 Acq On : 27 Sep 2018 9:45
 Operator : JU/SJ
 Sample : PB113192BL
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 11:30:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111910	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	413925	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	189658	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	322921	20.00	ng	0.00
75) Chrysene-d12	13.84	240	279057	20.00	ng	0.00
86) Perylene-d12	15.24	264	238072	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	648800	95.49	ng	0.01
7) Phenol-d6	6.35	99	829330	95.66	ng	-0.01
23) Nitrobenzene-d5	7.27	82	769577	109.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	193734	103.62	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1319977	104.97	ng	0.00
78) Terphenyl-d14	12.80	244	1161379	102.14	ng	0.00

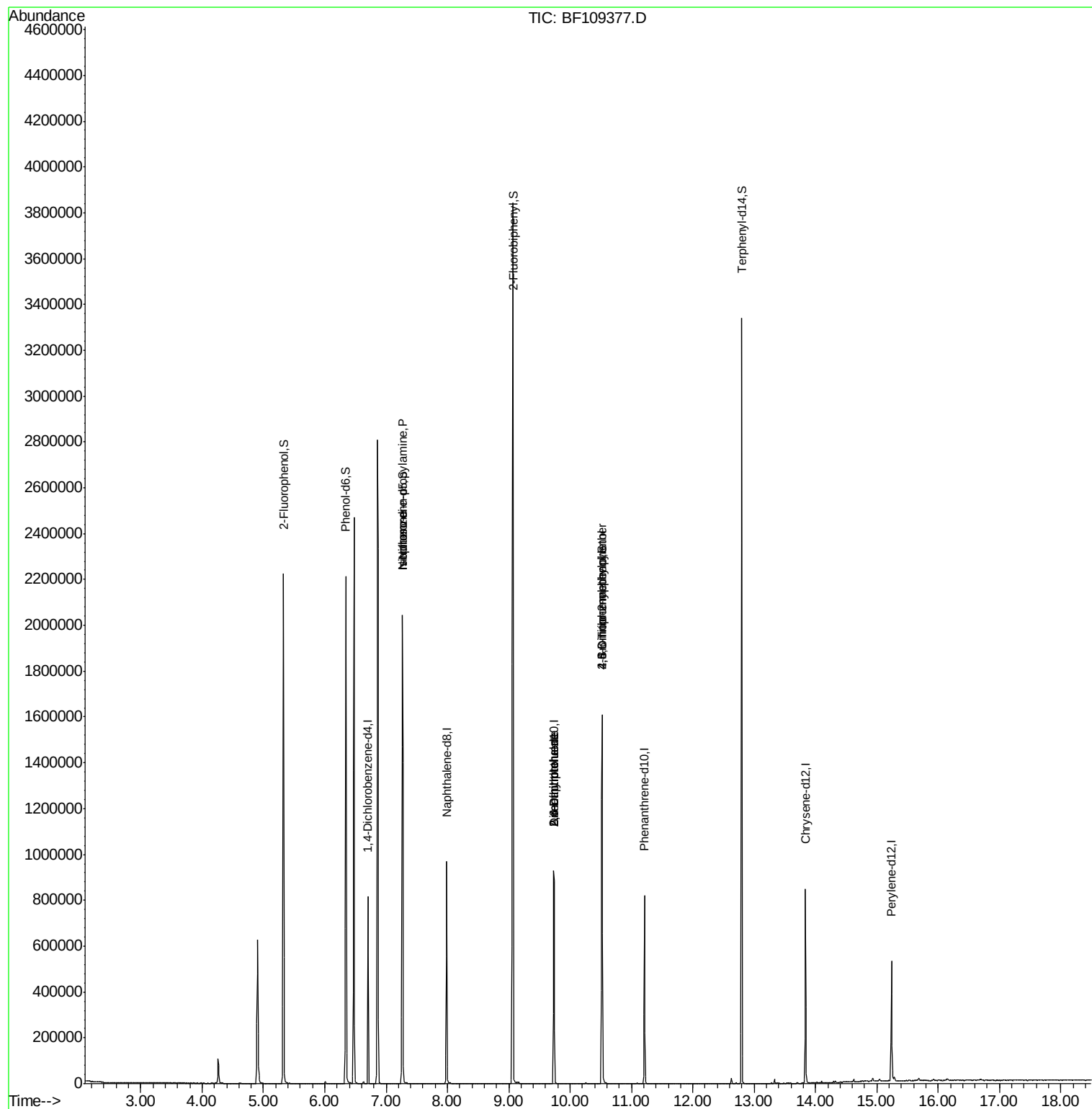
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	103578	18.232	ng	# 79
25) Isophorone	7.27	82	722200	57.196	ng	# 64
49) Dimethylphthalate	9.74	163	55758	4.042	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	23016	8.425	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	23016	6.658	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	305	6.724	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11768	3.282	ng	# 1

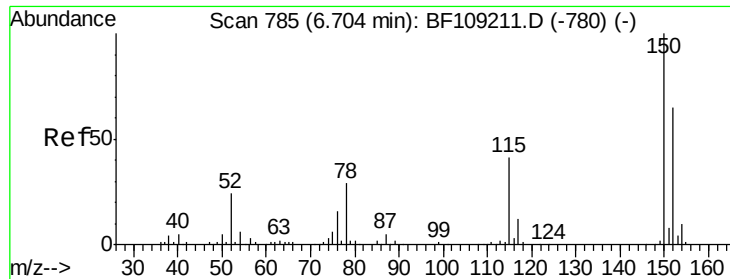
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109377.D
Acq On : 27 Sep 2018 9:45
Operator : JU/SJ
Sample : PB113192BL
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 27 11:30:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



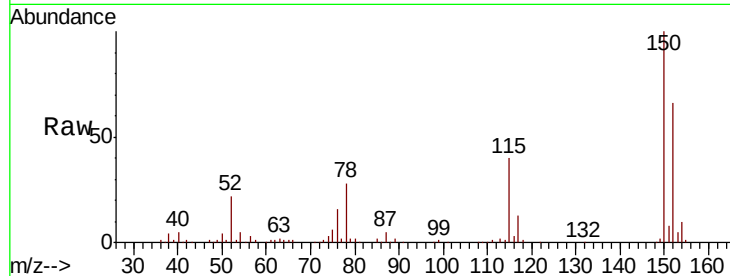


#1

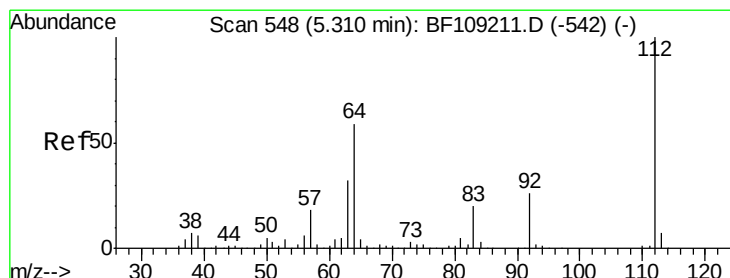
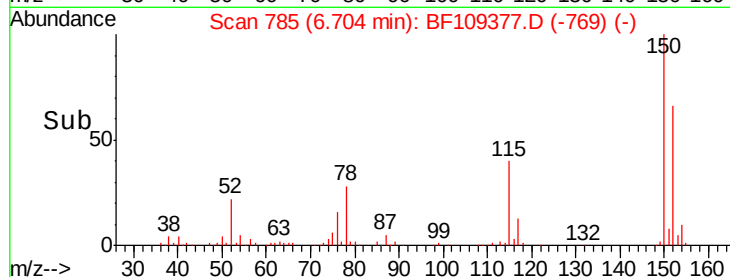
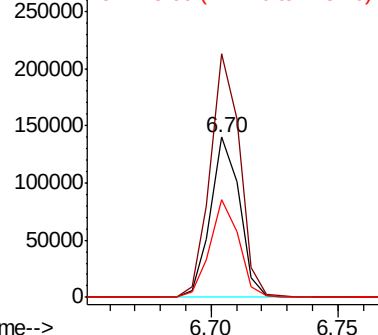
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109377.D
Acq: 27 Sep 2018 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	61.0	50.1	75.1



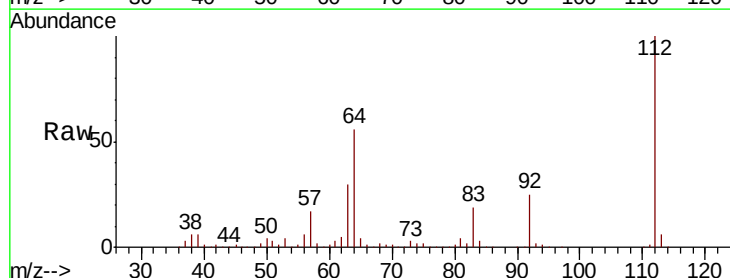
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



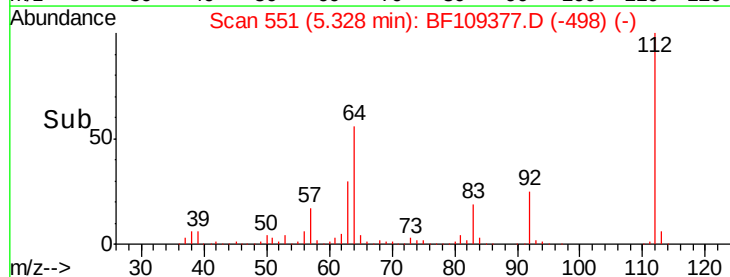
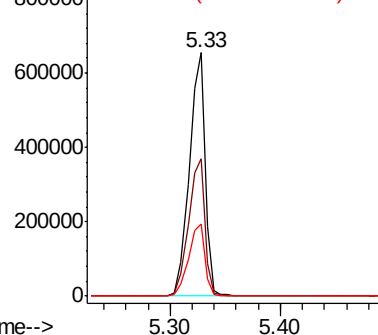
#5

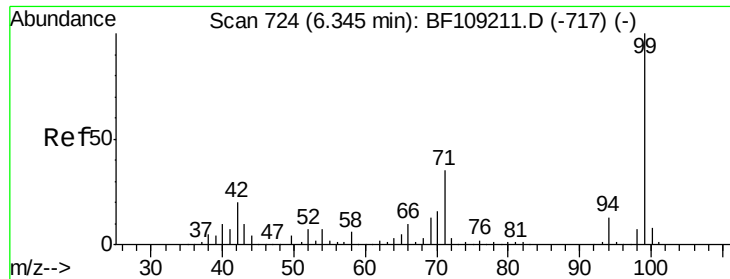
2-Fluorophenol
Concen: 95.490 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109377.D
Acq: 27 Sep 2018 9:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.8	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: 95.655 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

Instrument :

BNA_F

ClientSampled :

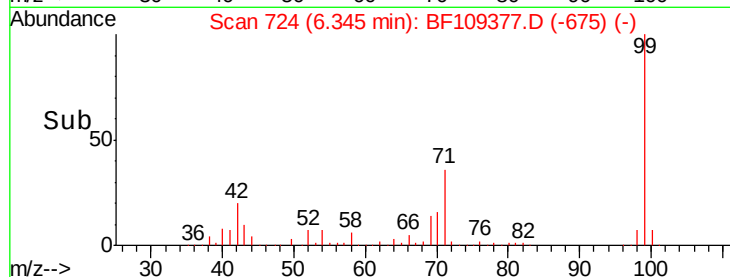
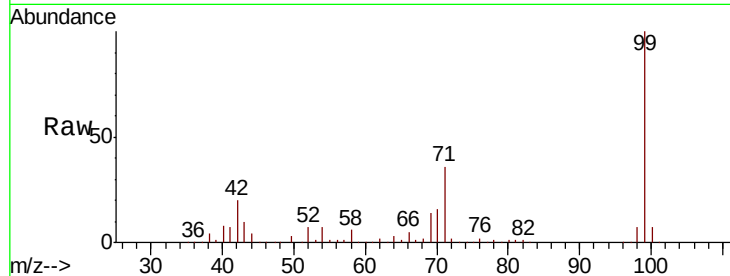
Tot Ion: 99 Resp: 829330

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

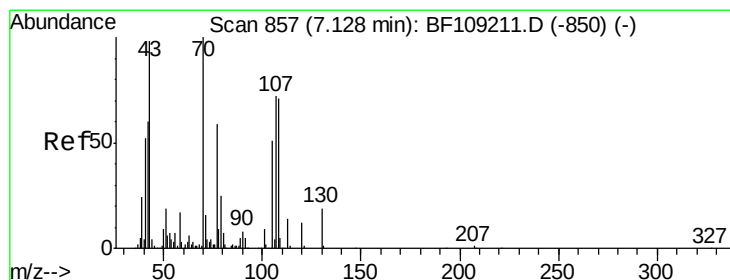
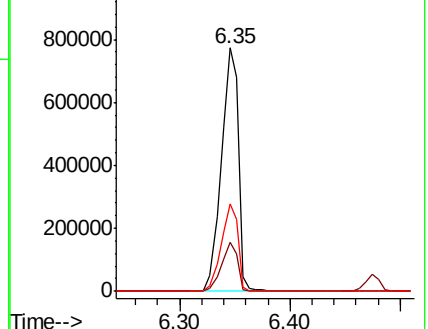
71 36.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.232 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

Tgt Ion: 70 Resp: 103578

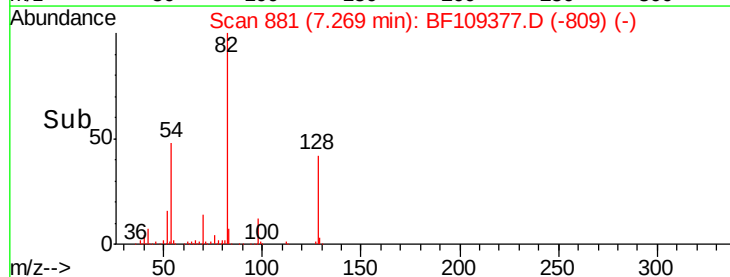
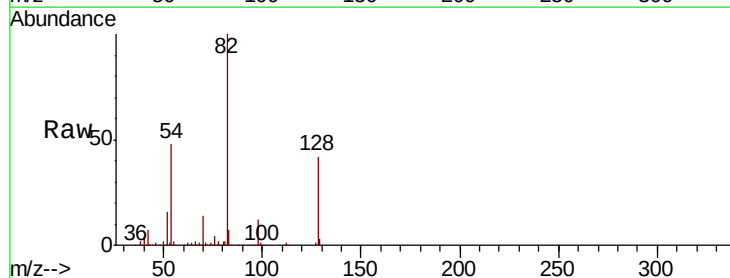
Ion Ratio Lower Upper

70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

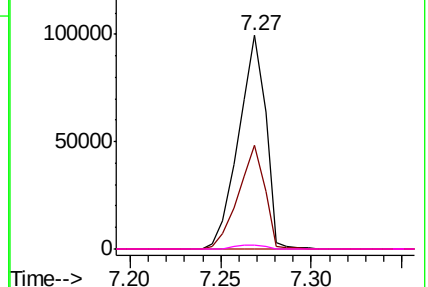


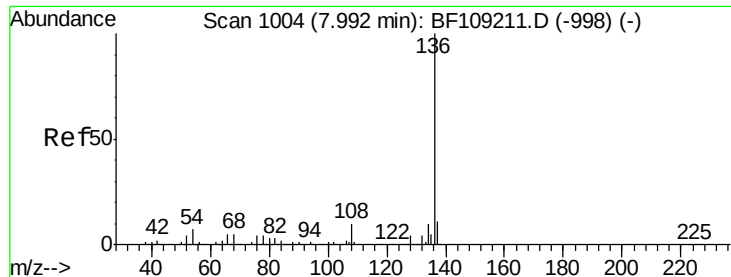
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 413925

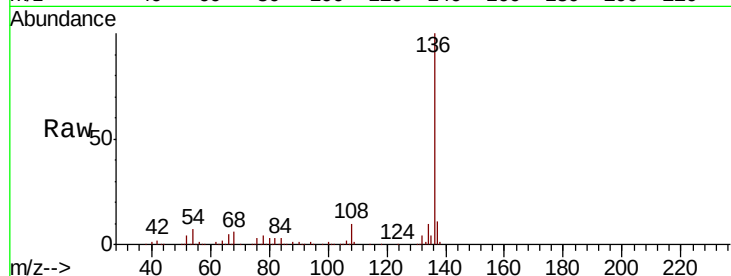
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

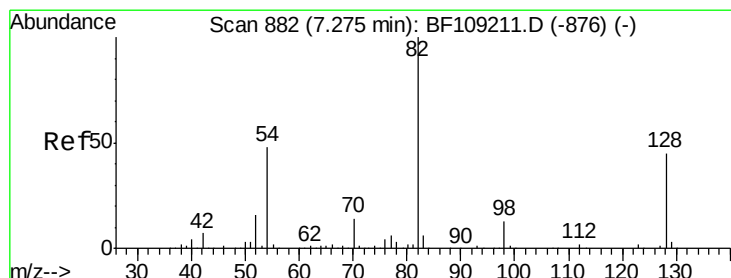
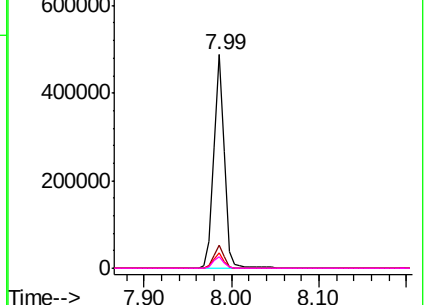
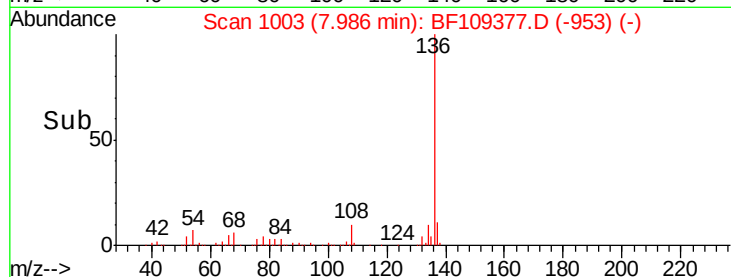


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.752 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

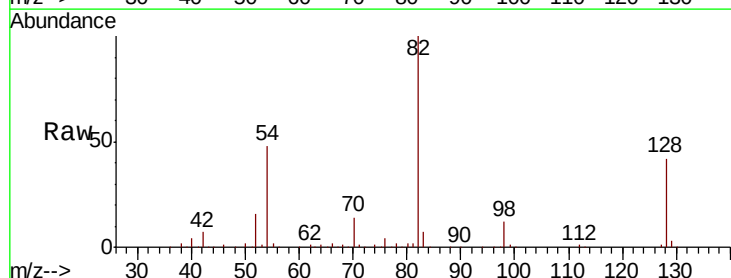
Tgt Ion: 82 Resp: 769577

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

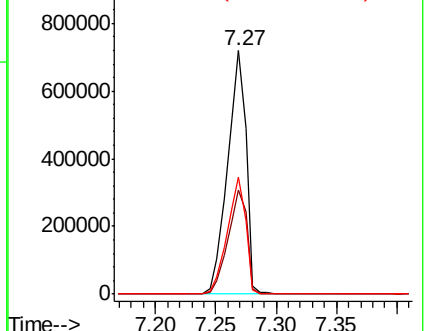
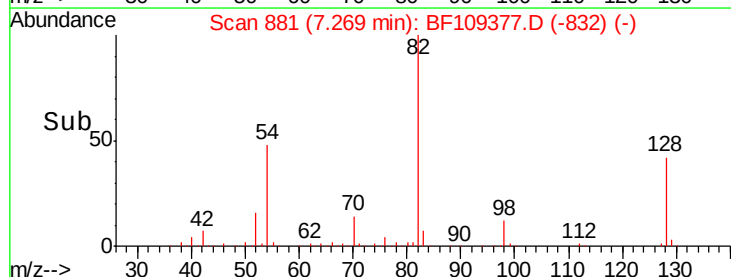
54 48.1 41.4 62.2

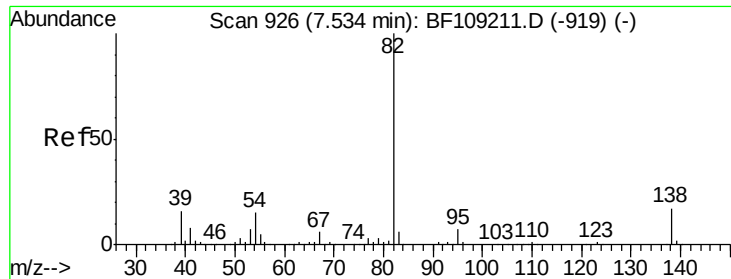


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 57.196 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

Instrument :

BNA_F

ClientSampleId :

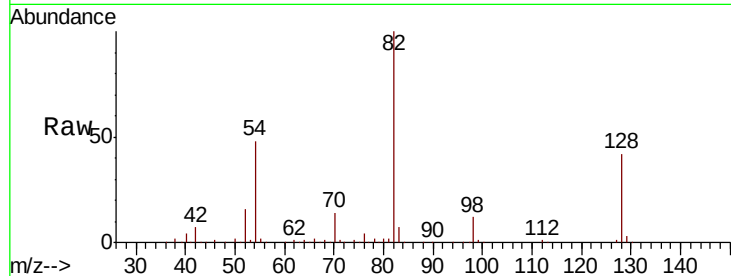
Tot Ion: 82 Resp: 722200

Ion Ratio Lower Upper

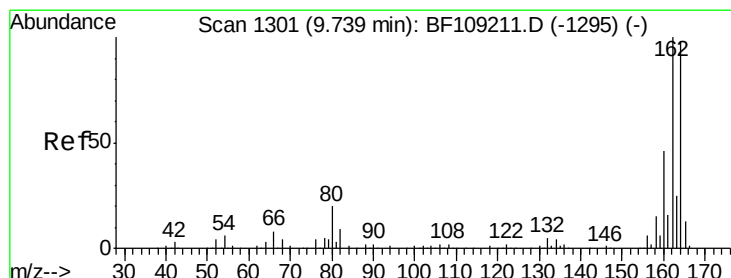
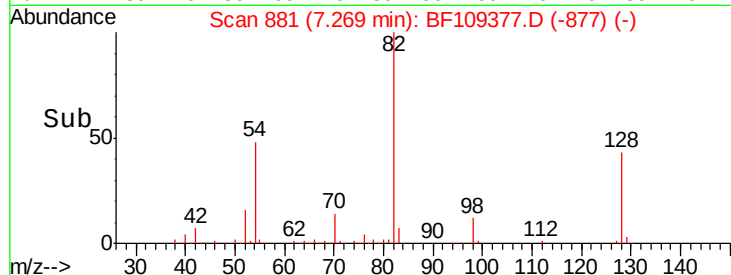
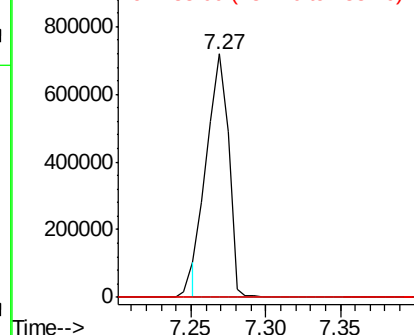
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

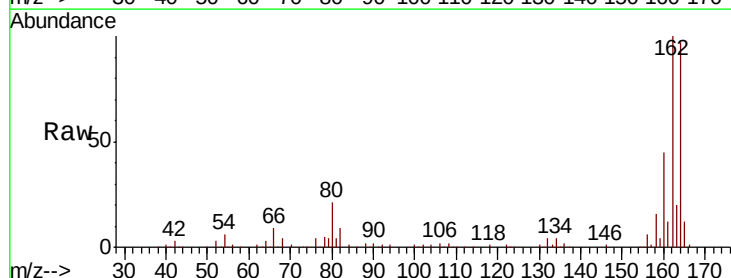
Tgt Ion: 164 Resp: 189658

Ion Ratio Lower Upper

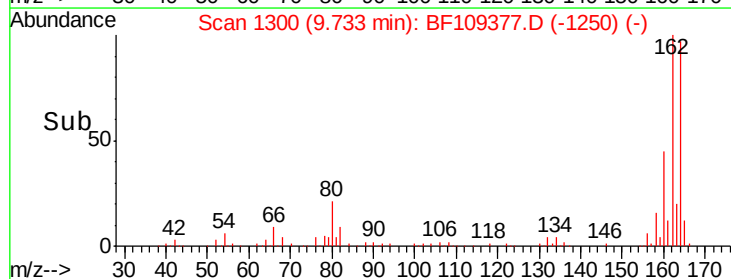
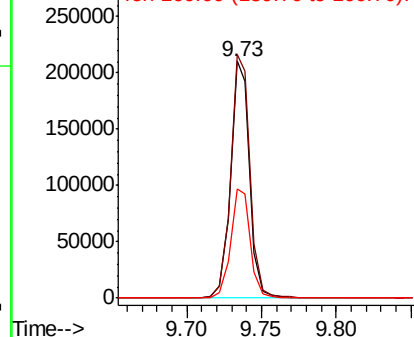
164 100

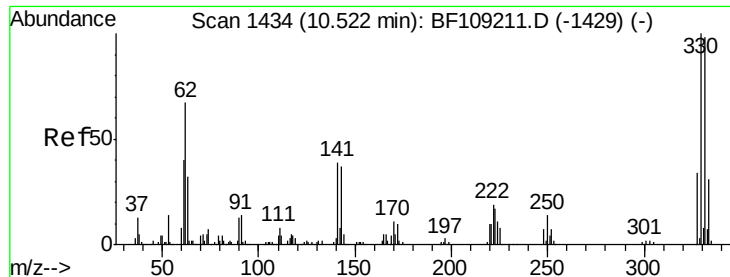
162 102.7 86.1 129.1

160 45.9 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

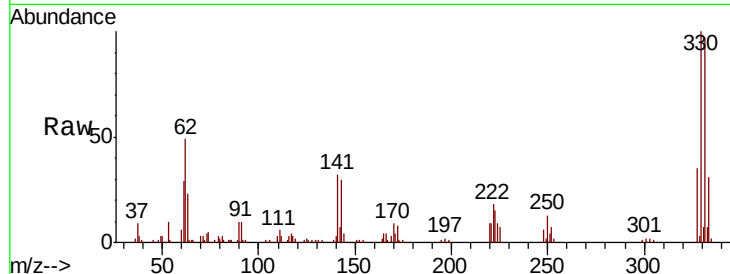




#41
 2,4,6-Tribromophenol
 Concen: 103.621 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.8	29.9	44.9

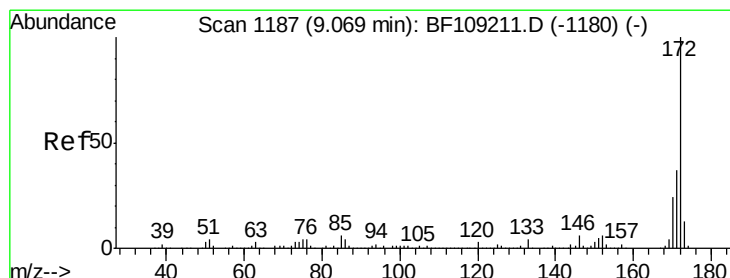
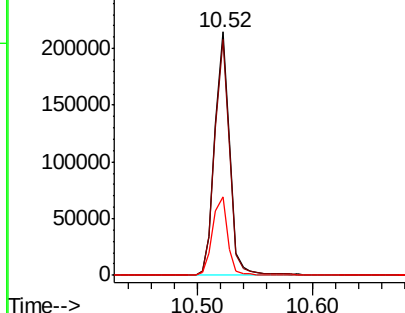
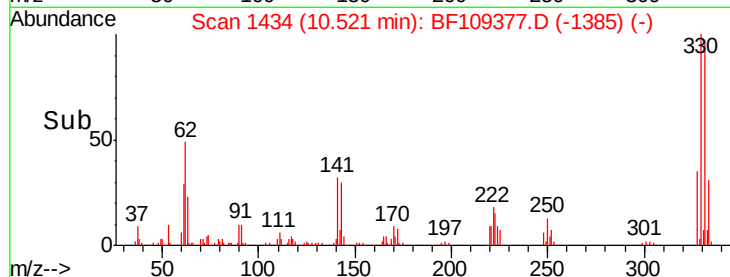


Abundance

Ion 329.80 (329.50 to 330.50): E

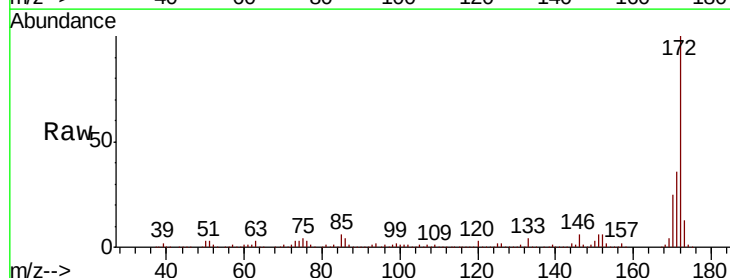
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.967 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

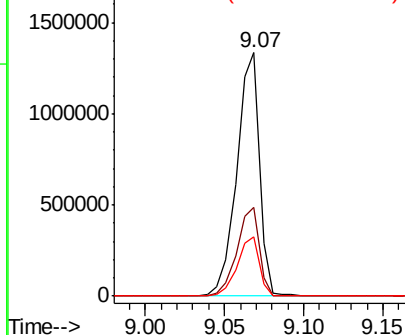
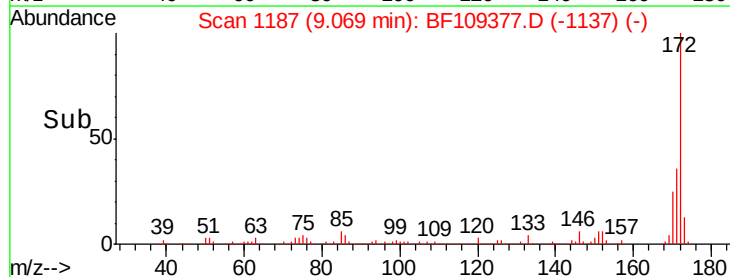


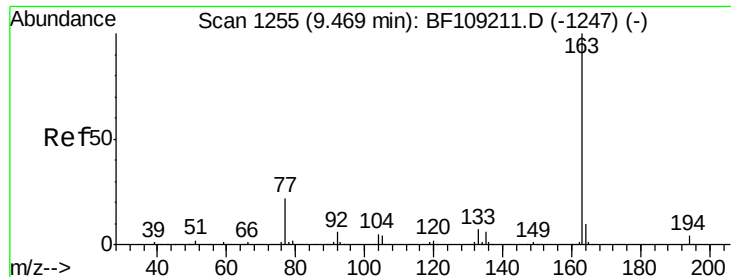
Abundance

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: 4.042 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.26 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

Instrument :

BNA_F

ClientSampleId :

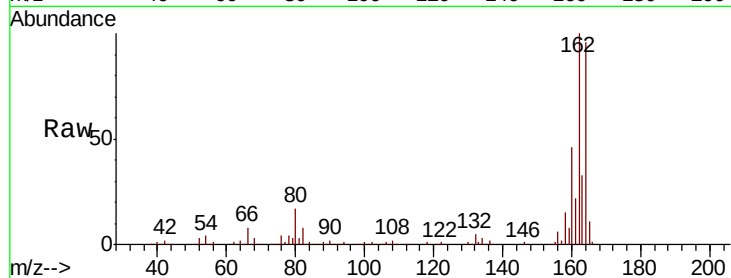
Tot Ion:163 Resp: 55758

Ion Ratio Lower Upper

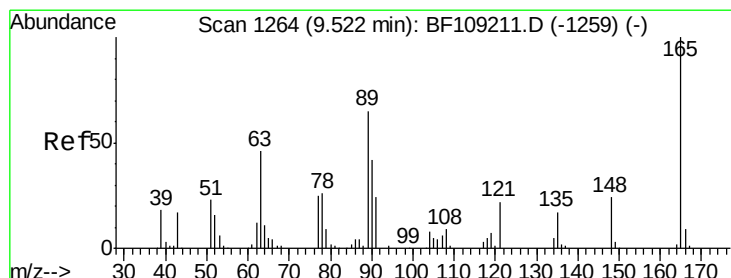
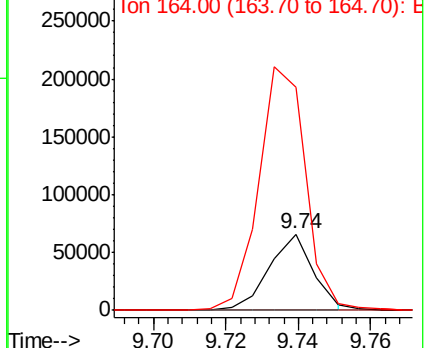
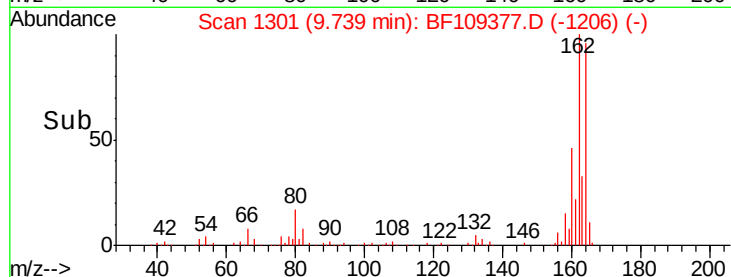
163 100

194 0.0 2.7 4.1#

164 292.7 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



#50

2,6-Dinitrotoluene

Concen: 8.425 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.20 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

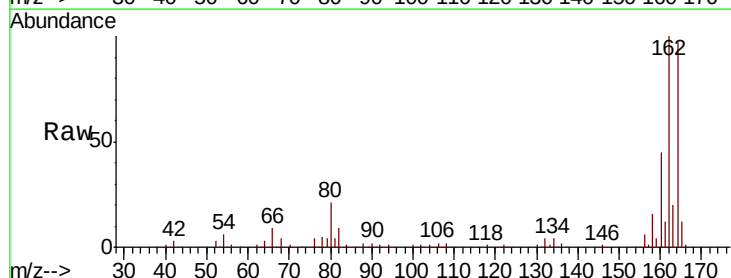
Tgt Ion:165 Resp: 23016

Ion Ratio Lower Upper

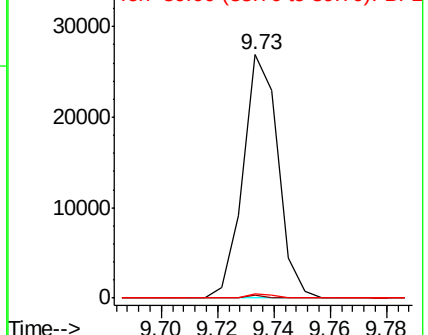
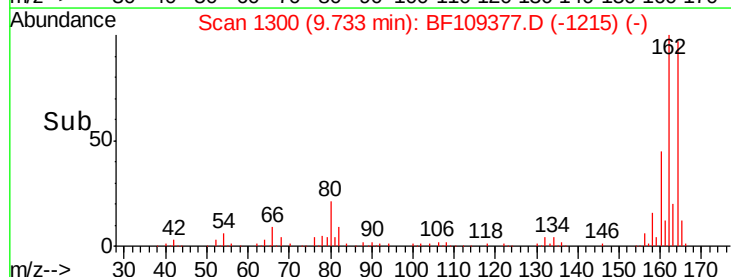
165 100

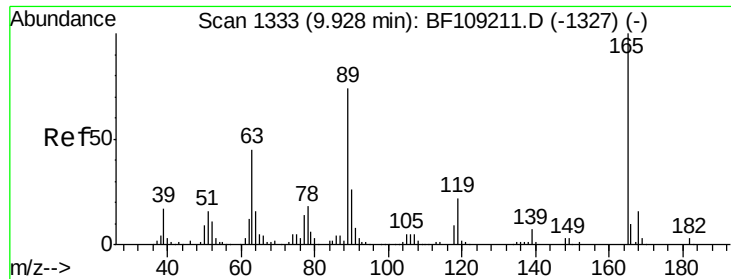
63 1.3 44.7 67.1#

89 1.8 44.0 66.0#



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





#56

2,4-Dinitrotoluene

Concen: 6.658 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 23016

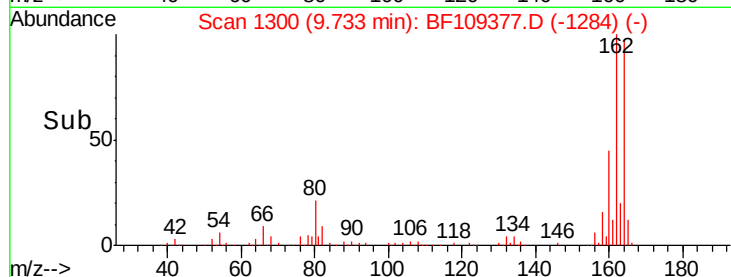
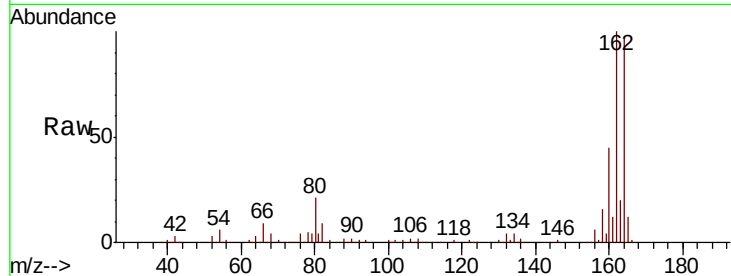
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

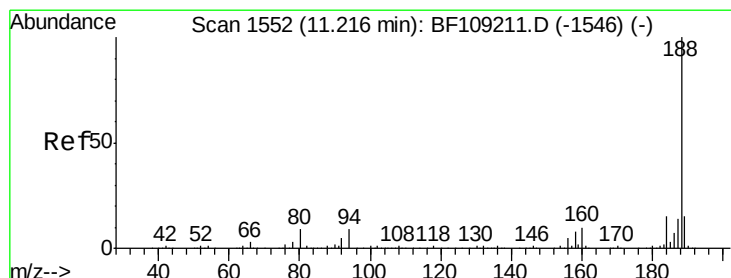
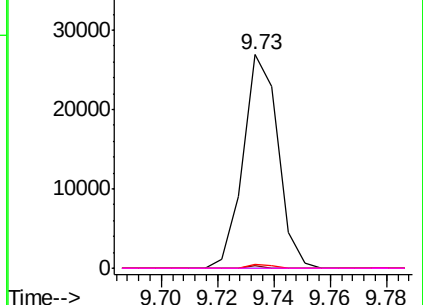


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

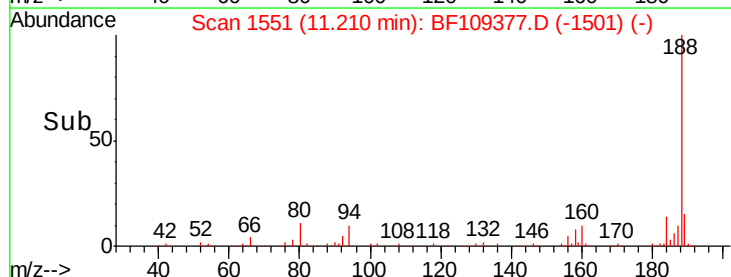
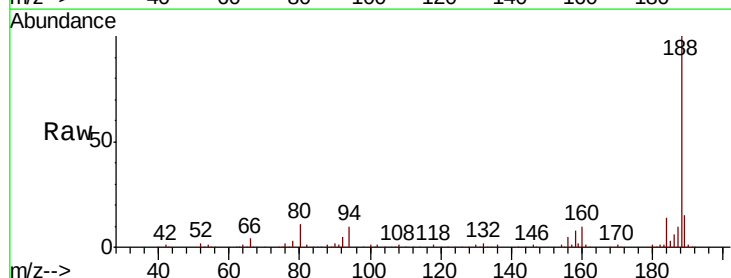
Tgt Ion:188 Resp: 322921

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

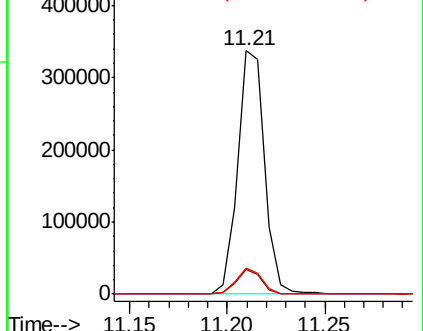
80 10.6 9.2 13.8

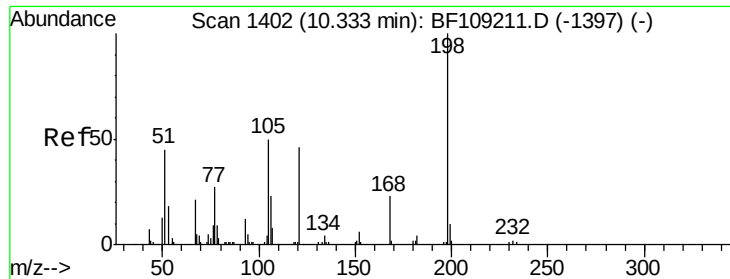


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

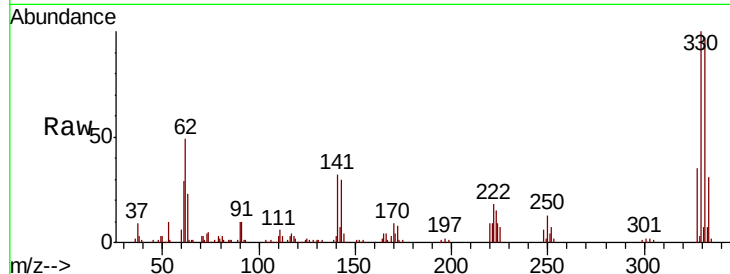




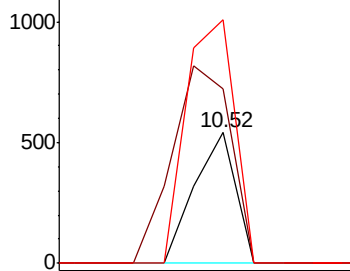
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.724 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Instrument :
 BNA_F
 ClientSampleId :

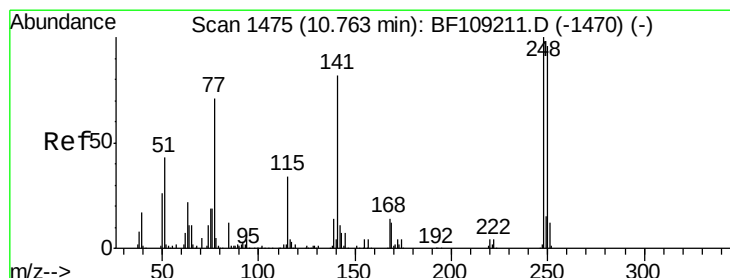
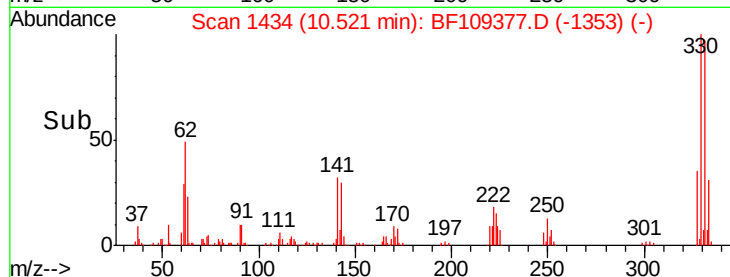
Tot Ion:198 Resp: 305
 Ion Ratio Lower Upper
 198 100
 51 132.8 37.7 77.7#
 105 186.0 36.3 76.3#



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

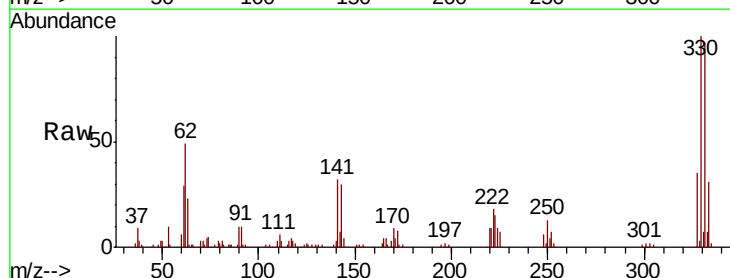


Time-->

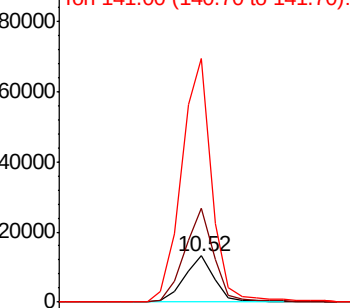


#66
 4-Bromophenyl-phenylether
 Concen: 3.282 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

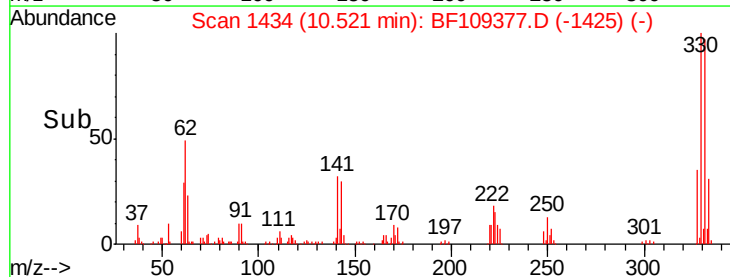
Tgt Ion:248 Resp: 11768
 Ion Ratio Lower Upper
 248 100
 250 204.0 76.9 115.3#
 141 527.6 74.4 111.6#

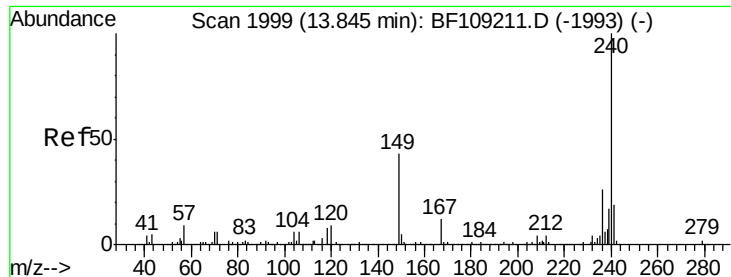


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

Instrument :

BNA_F

ClientSampleId :

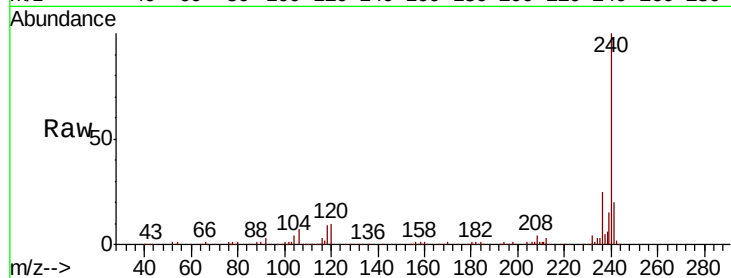
Tot Ion:240 Resp: 279057

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

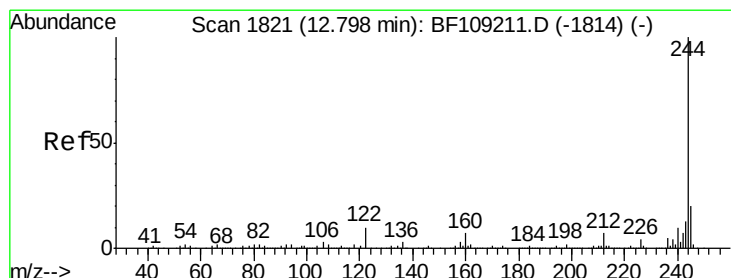
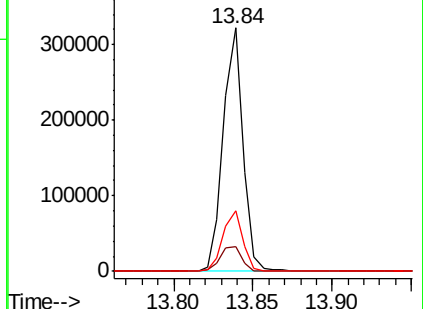
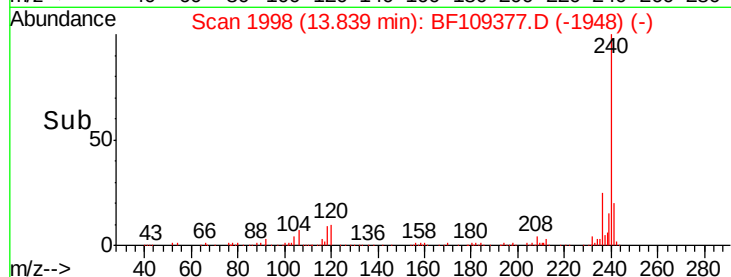
236 24.9 20.7 31.1



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: 102.137 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109377.D

Acq: 27 Sep 2018 9:45

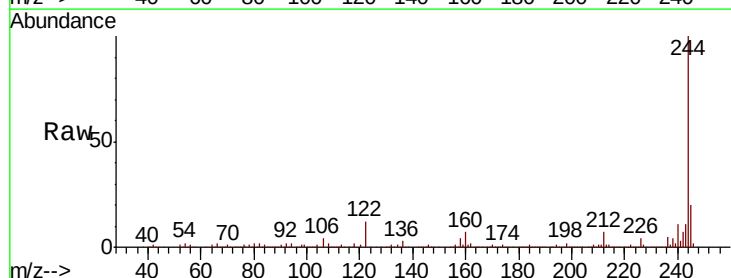
Tgt Ion:244 Resp: 1161379

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

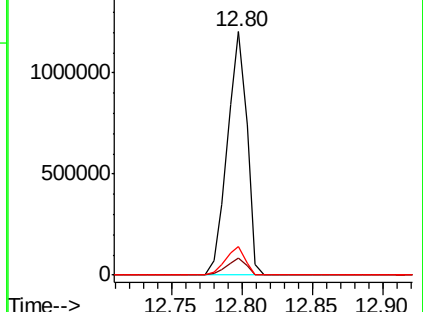
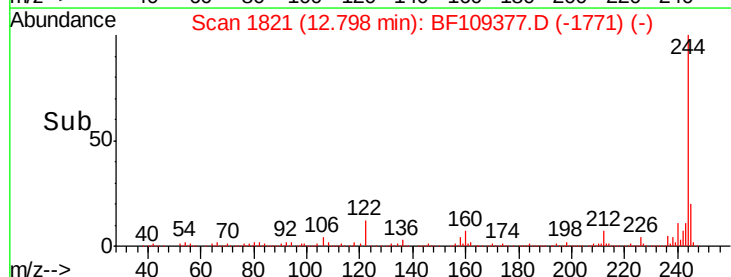
122 11.7 11.0 16.4

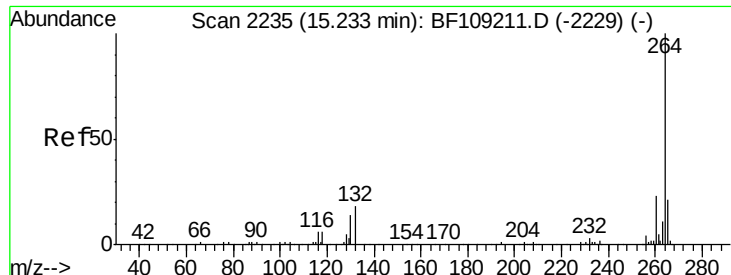


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109377.D
 Acq: 27 Sep 2018 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

