

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108980.D
 Acq On : 13 Sep 2018 22:25
 Operator : JU/SJ
 Sample : J4875-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:58:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

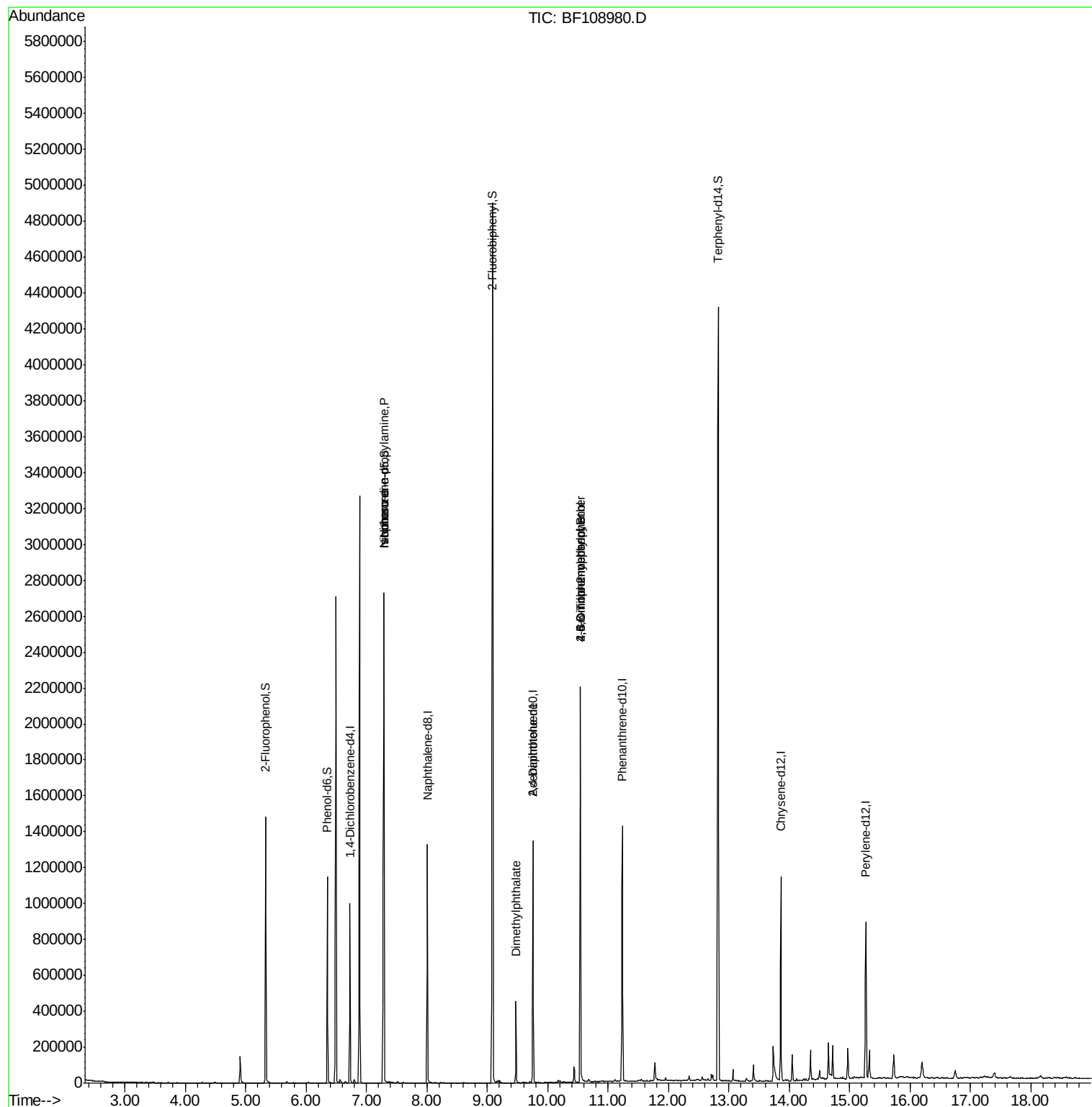
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143428	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	540602	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	256388	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	482851	20.00	ng	0.00
75) Chrysene-d12	13.86	240	359864	20.00	ng	0.00
86) Perylene-d12	15.27	264	374171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	398377	46.01	ng	0.00
7) Phenol-d6	6.35	99	327522	29.40	ng	-0.01
23) Nitrobenzene-d5	7.29	82	931699	107.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	258119	105.46	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1546562	102.91	ng	0.00
78) Terphenyl-d14	12.82	244	1546201	100.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	126224	16.302	ng	# 77
25) Isophorone	7.29	82	925875	53.733	ng	# 64
49) Dimethylphthalate	9.48	163	163906	9.140	ng	# 98
56) 2,4-Dinitrotoluene	9.76	165	32861	7.520	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	426	7.061	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15584	2.858	ng	# 1

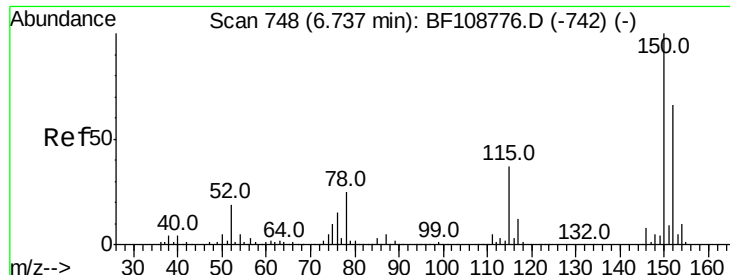
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Sep 14 01:58:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



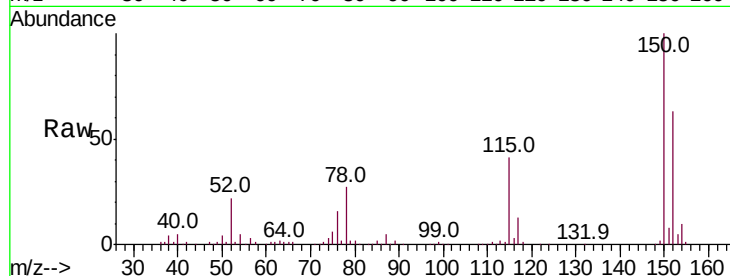


#1

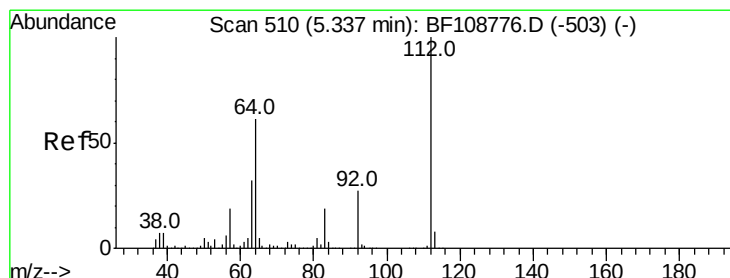
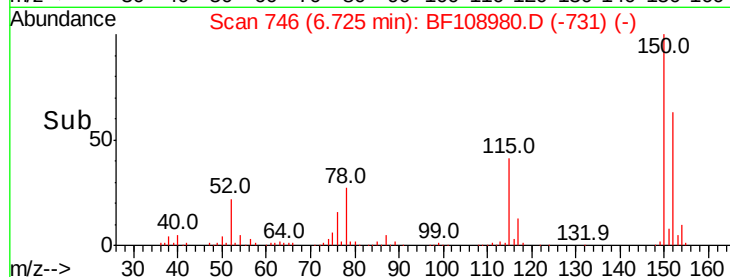
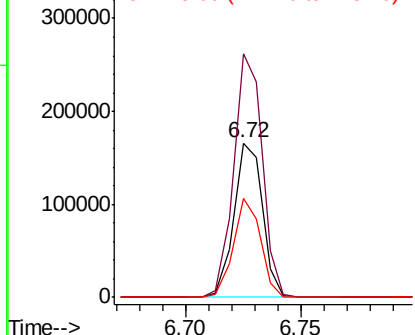
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108980.D
Acq: 13 Sep 2018 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143428
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 64.3 50.1 75.1



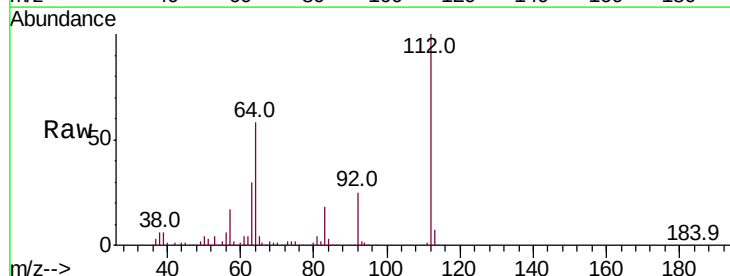
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



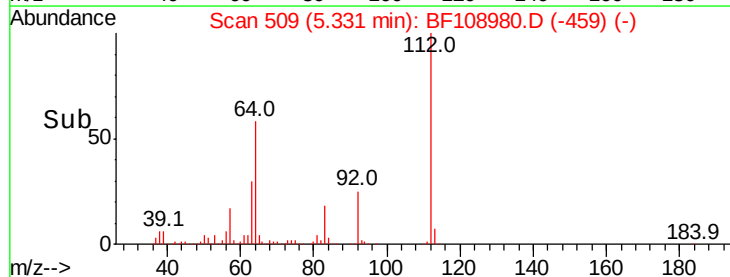
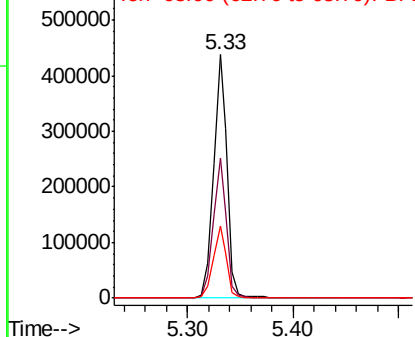
#5

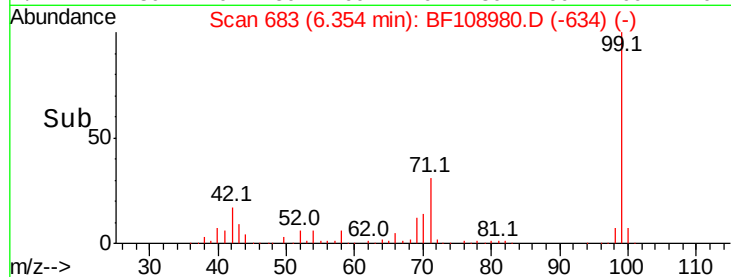
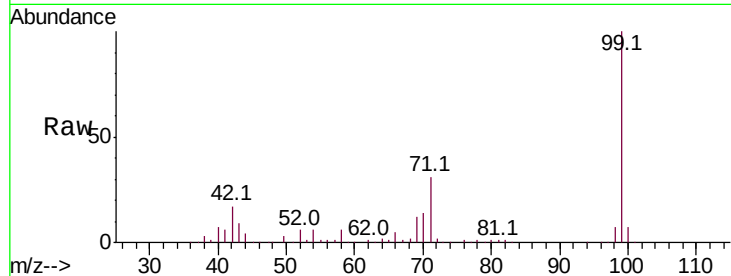
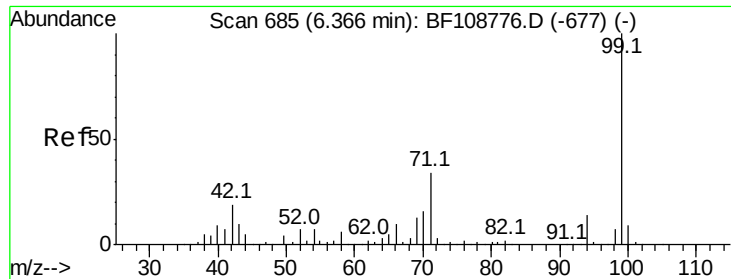
2-Fluorophenol
Concen: 46.015 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108980.D
Acq: 13 Sep 2018 22:25

Tgt Ion:112 Resp: 398377
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.7 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: 29.402 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Instrument :

BNA_F

ClientSampleId :

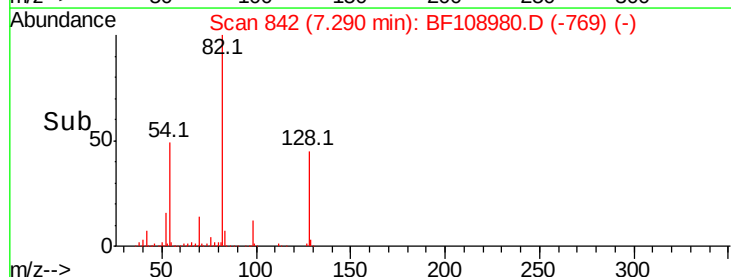
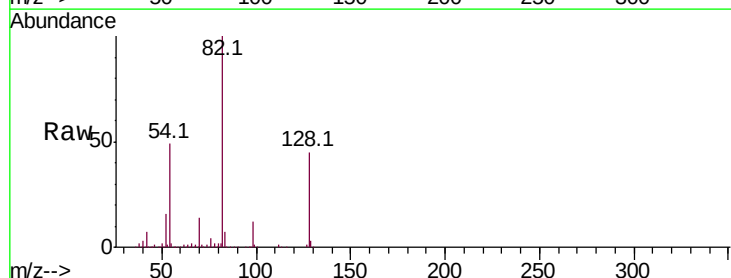
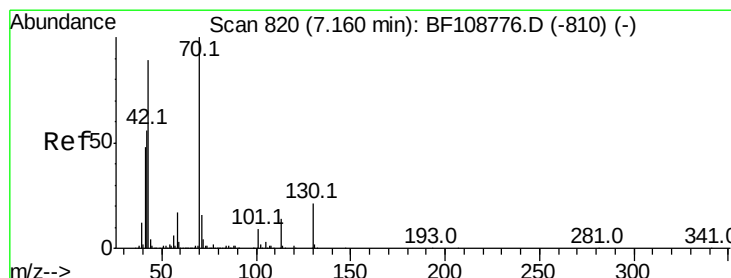
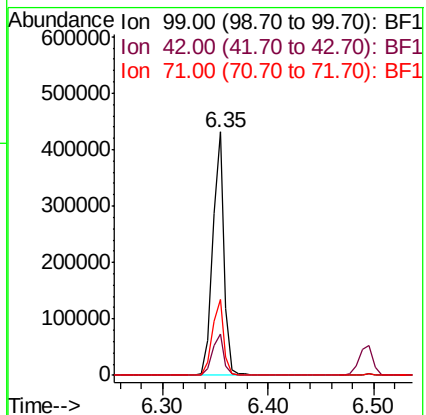
Tot Ion: 99 Resp: 327522

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 31.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.302 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Tgt Ion: 70 Resp: 126224

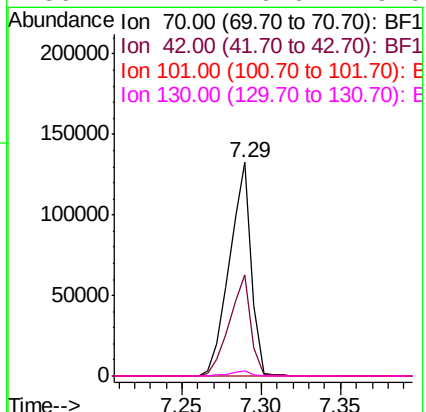
Ion Ratio Lower Upper

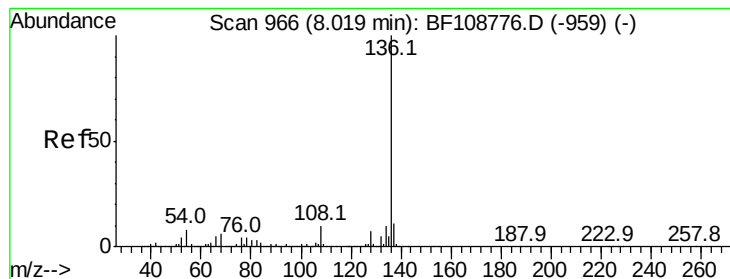
70 100

42 47.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 540602

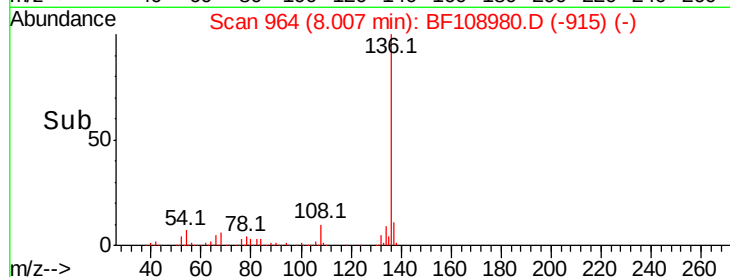
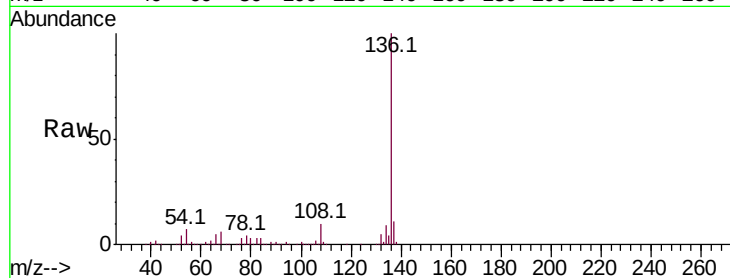
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.5 6.6 9.8

68 6.4 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

Time-->

8.01

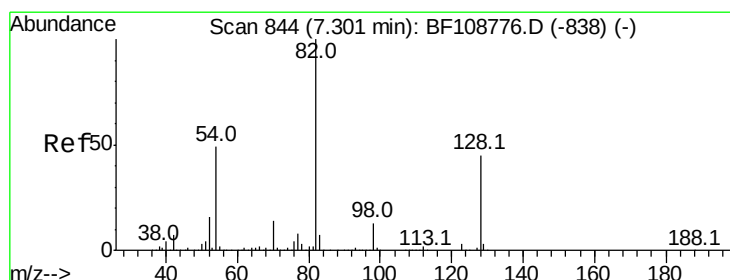
600000

400000

200000

0

7.90 8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 107.855 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

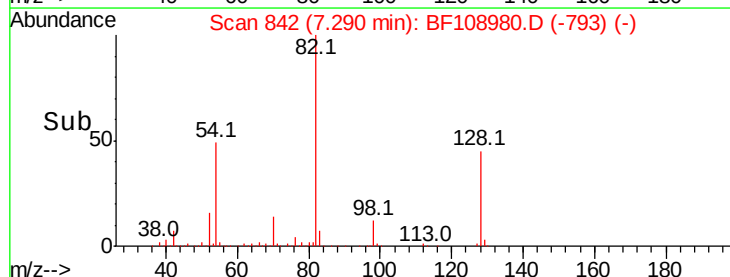
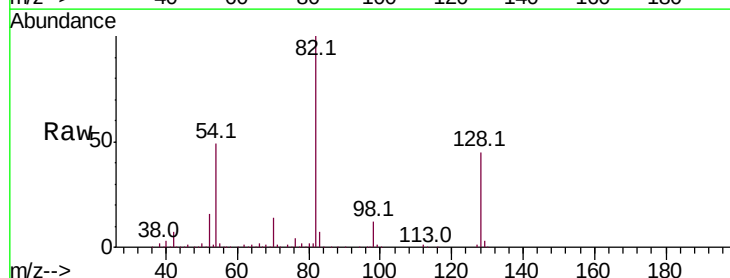
Tgt Ion: 82 Resp: 931699

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

54 48.7 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

Time-->

7.29

1200000

1000000

800000

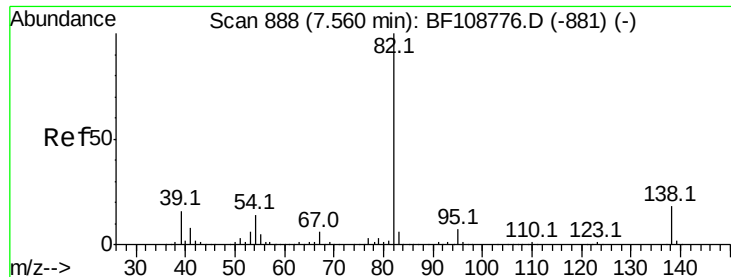
600000

400000

200000

0

7.20 7.25 7.30 7.35 7.40



#25

Isophorone

Concen: 53.733 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Instrument :

BNA_F

ClientSampleId :

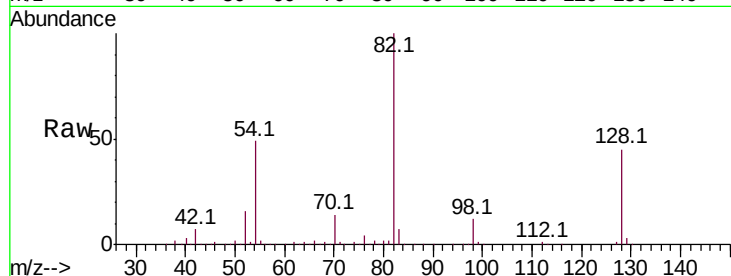
Tot Ion: 82 Resp: 925875

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

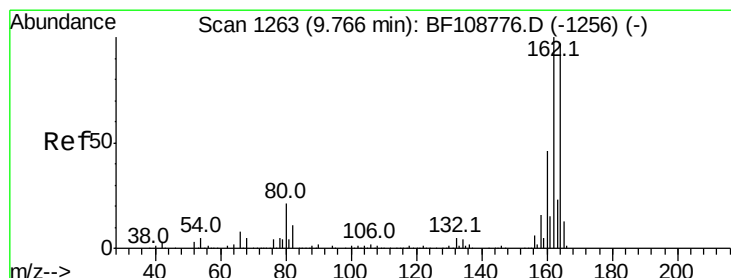
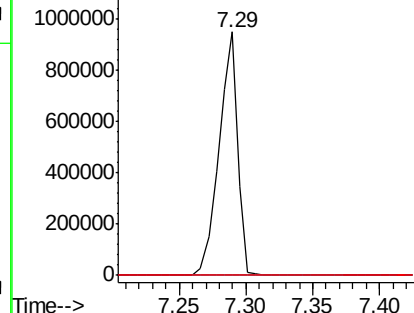
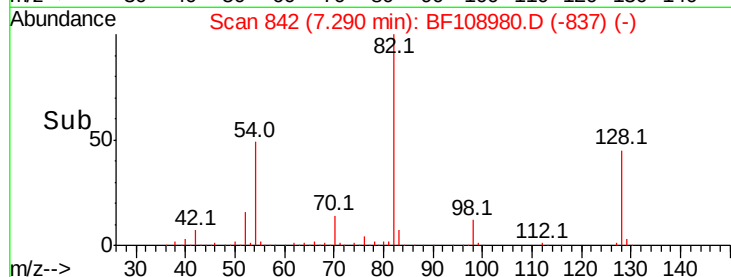
138 0.0 14.9 22.3#



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: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

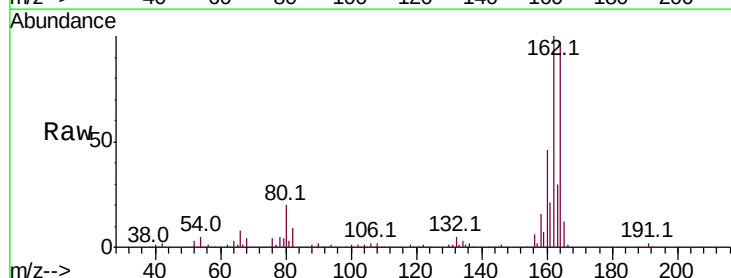
Tgt Ion:164 Resp: 256388

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

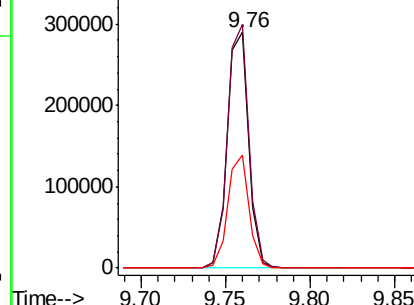
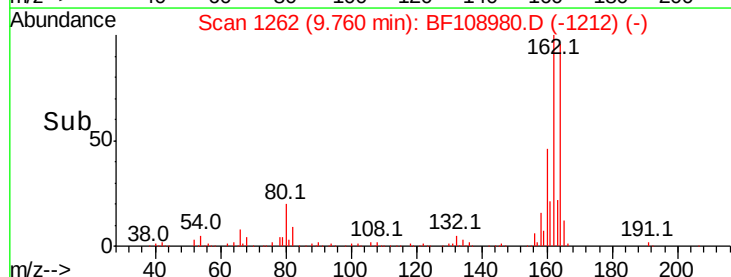
160 47.8 38.3 57.5

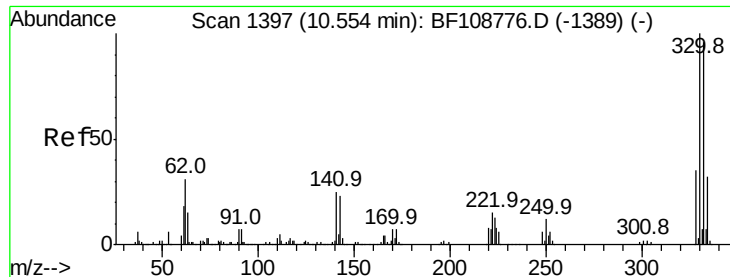


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 105.458 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Instrument :

BNA_F

ClientSampleId :

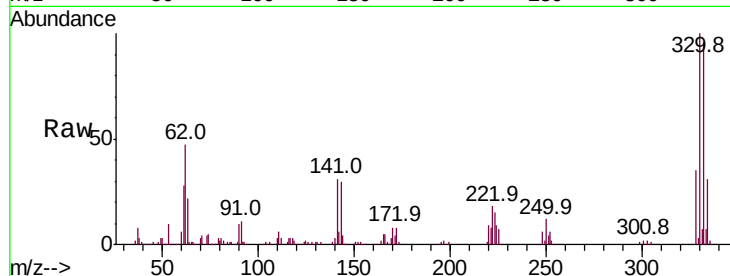
Tot Ion:330 Resp: 258119

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

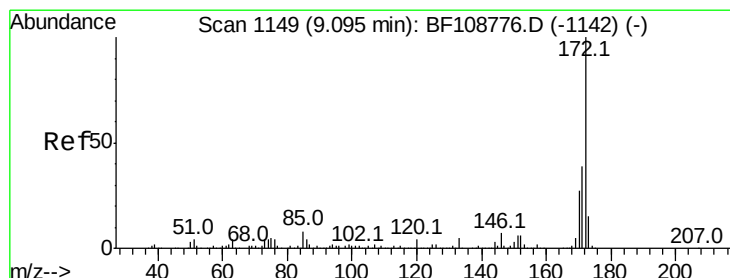
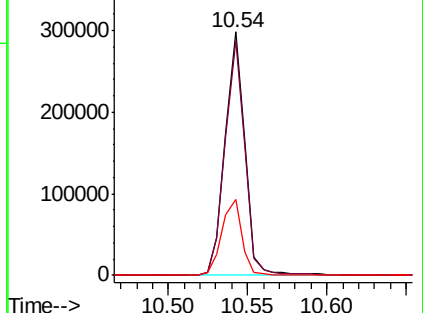
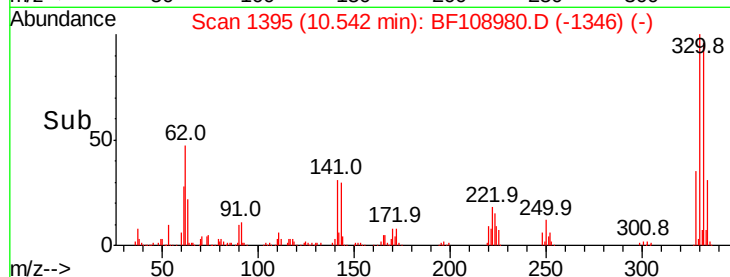
141 31.9 29.9 44.9



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: 102.907 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

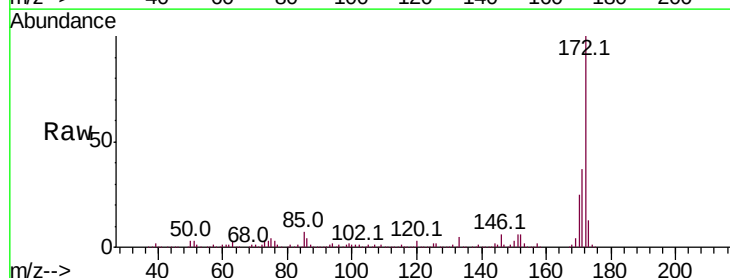
Tgt Ion:172 Resp: 1546562

Ion Ratio Lower Upper

172 100

171 37.5 29.7 44.5

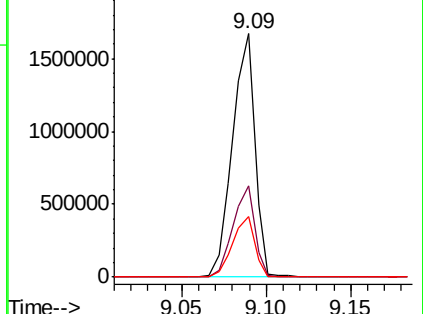
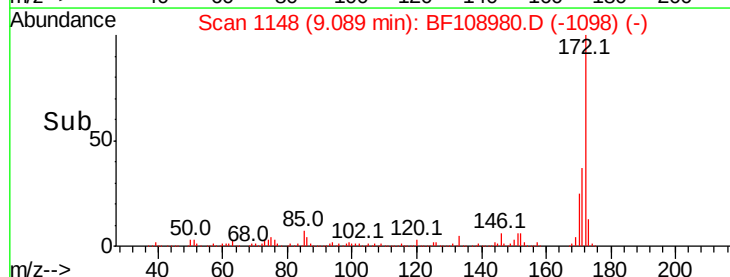
170 24.8 19.6 29.4

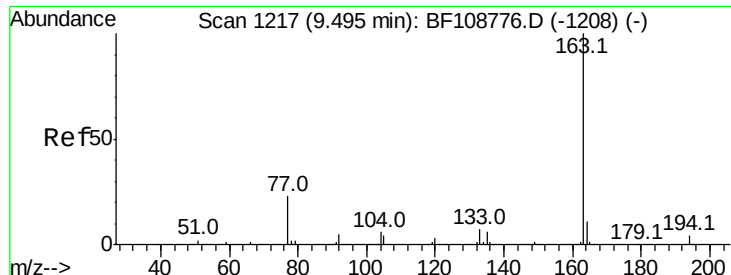


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.140 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Instrument :

BNA_F

ClientSampleId :

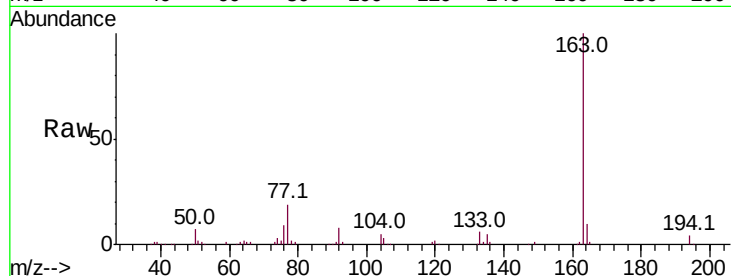
Tot Ion:163 Resp: 163906

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

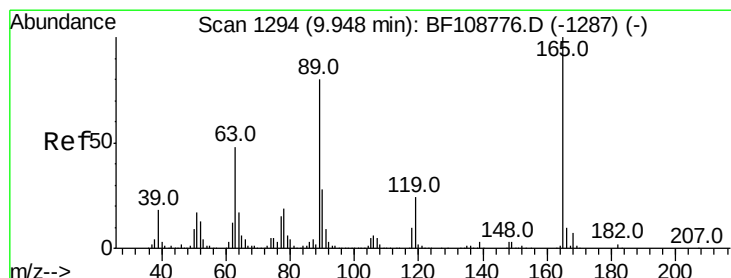
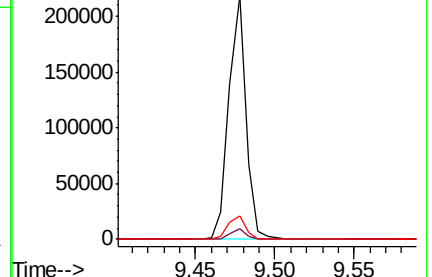
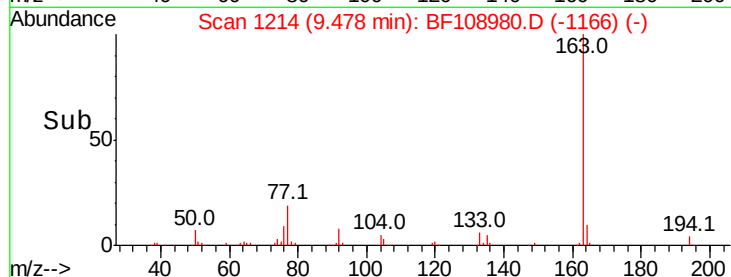
164 9.7 8.2 12.2



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: 7.520 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.19 min

Lab File: BF108980.D

Acq: 13 Sep 2018 22:25

Tgt Ion:165 Resp: 32861

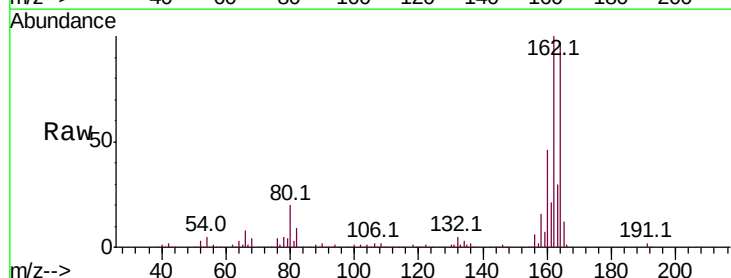
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

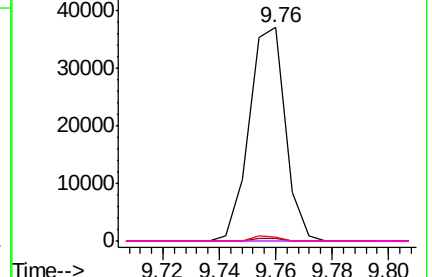
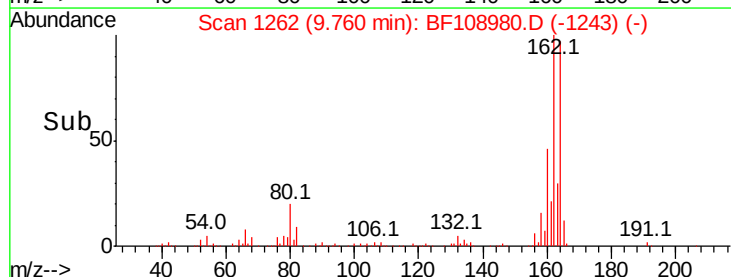


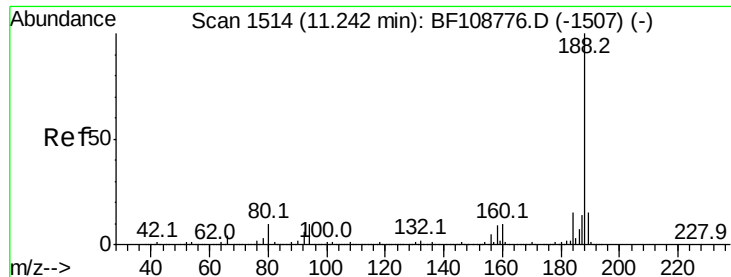
Abundance Ion 165.00 (164.70 to 165.70): E

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

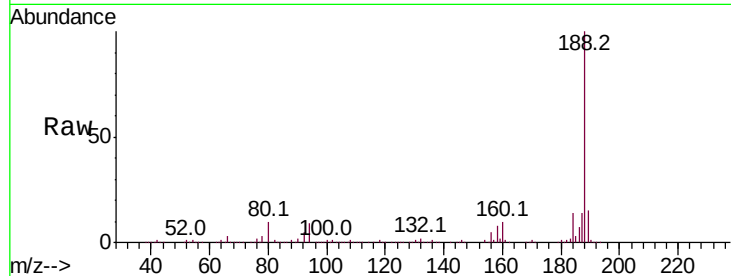




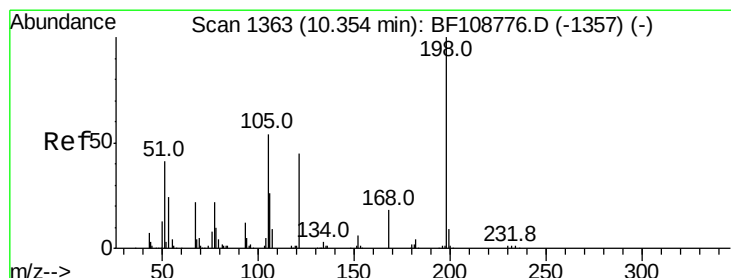
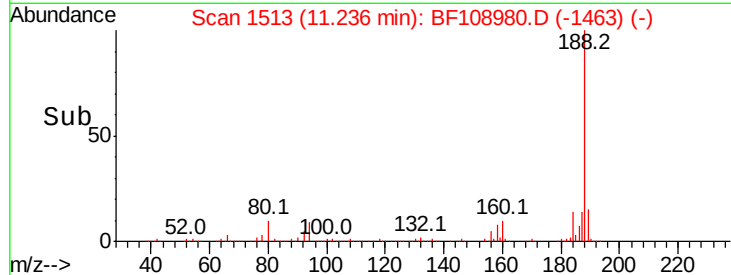
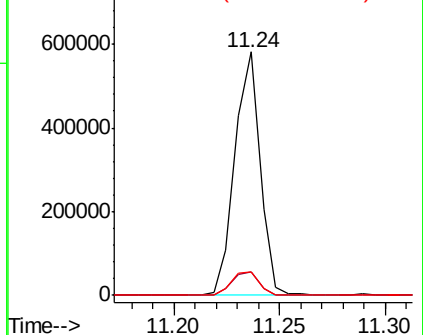
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108980.D
Acq: 13 Sep 2018 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 482851
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 9.2 13.8

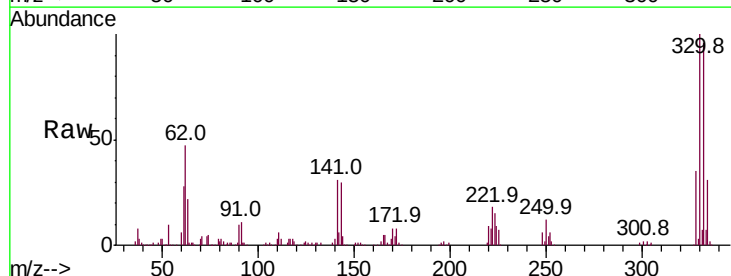


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

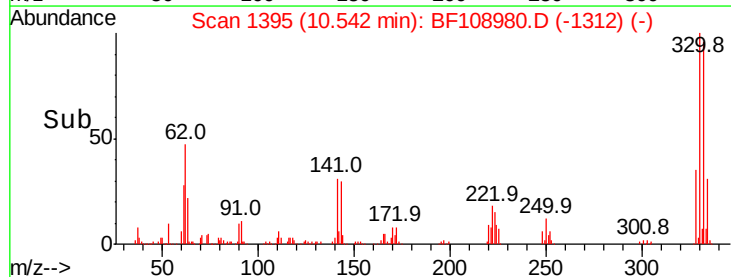
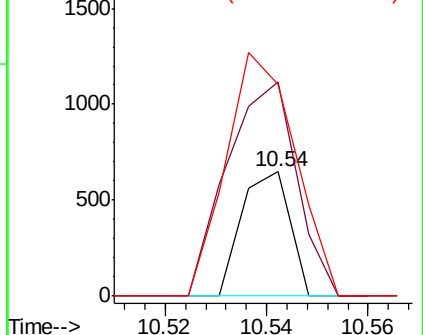


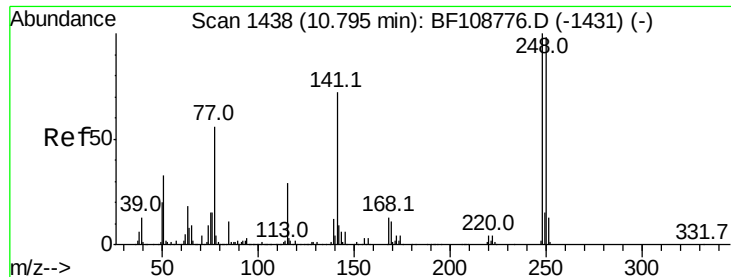
#64
4,6-Dinitro-2-methylphenol
Concen: 7.061 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108980.D
Acq: 13 Sep 2018 22:25

Tgt Ion:198 Resp: 426
Ion Ratio Lower Upper
198 100
51 172.2 37.7 77.7#
105 170.9 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

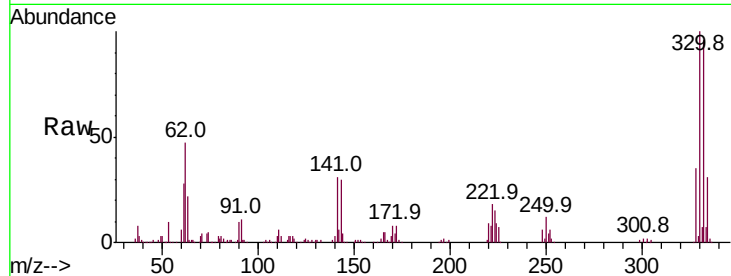




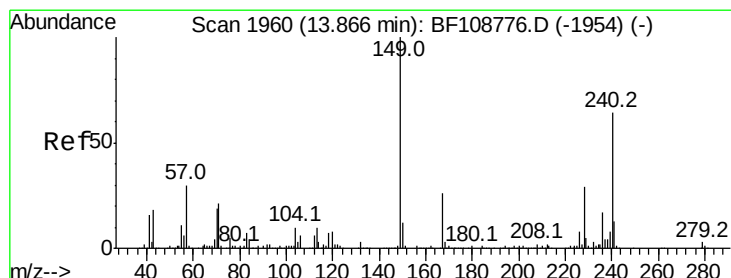
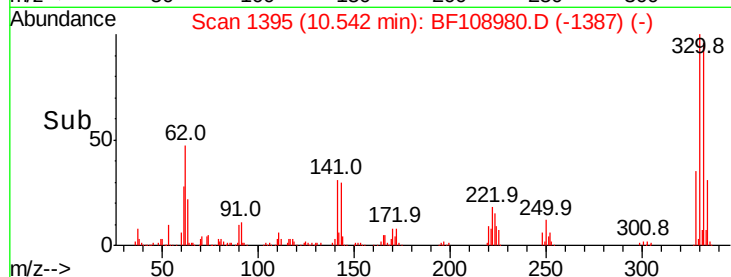
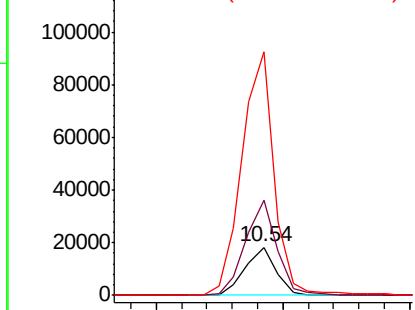
#66
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108980.D
Acq: 13 Sep 2018 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15584
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 505.4 74.4 111.6#

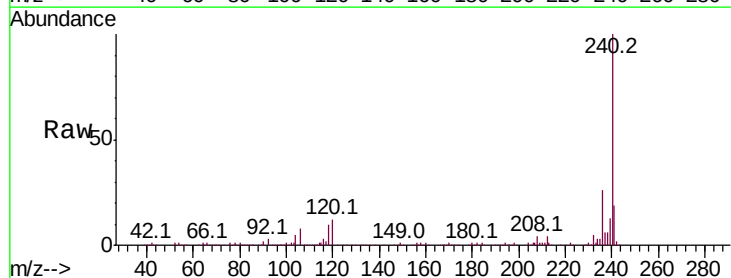


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

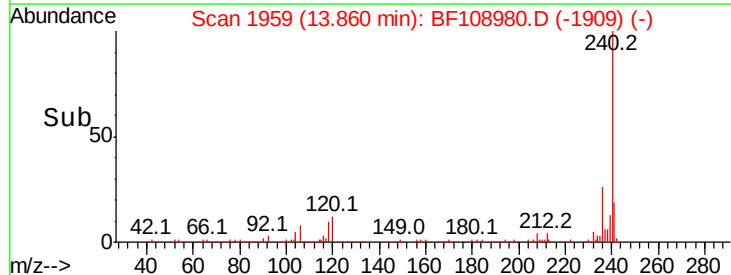
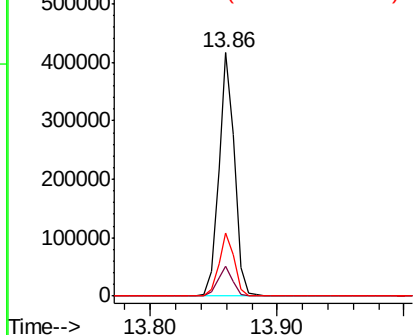


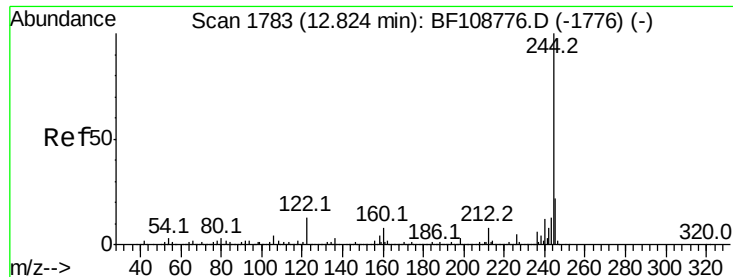
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108980.D
Acq: 13 Sep 2018 22:25

Tgt Ion:240 Resp: 359864
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.2 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

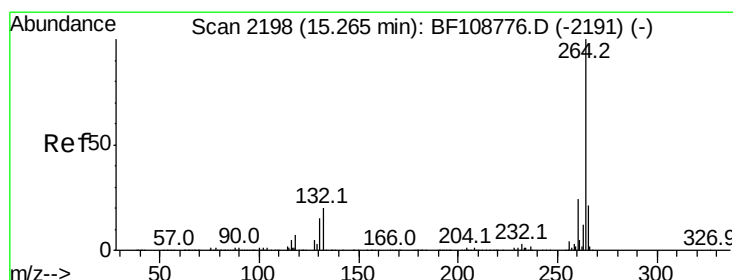
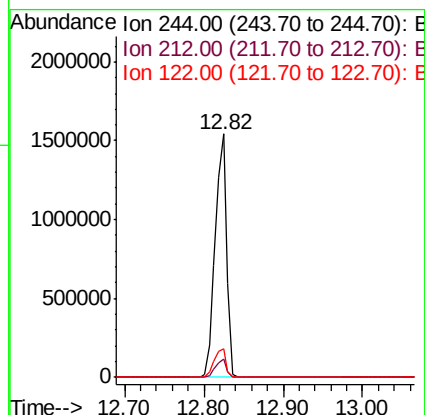
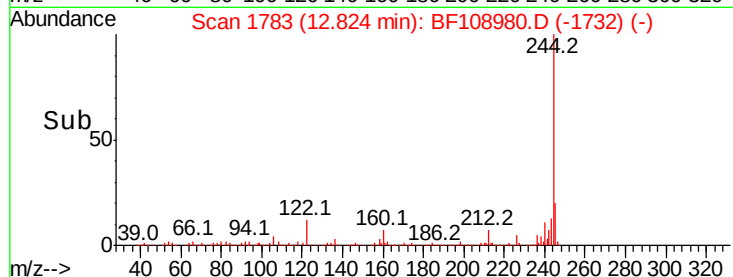
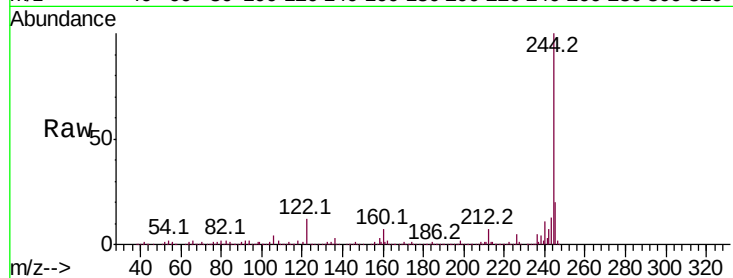




#78
 Terphenyl-d14
 Concen: 100.193 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108980.D
 Acq: 13 Sep 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1546201
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BF108980.D
 Acq: 13 Sep 2018 22:25

Tgt Ion:264 Resp: 374171
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 17.5 26.3

