

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108974.D
 Acq On : 13 Sep 2018 19:43
 Operator : JU/SJ
 Sample : J4875-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:57:48 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

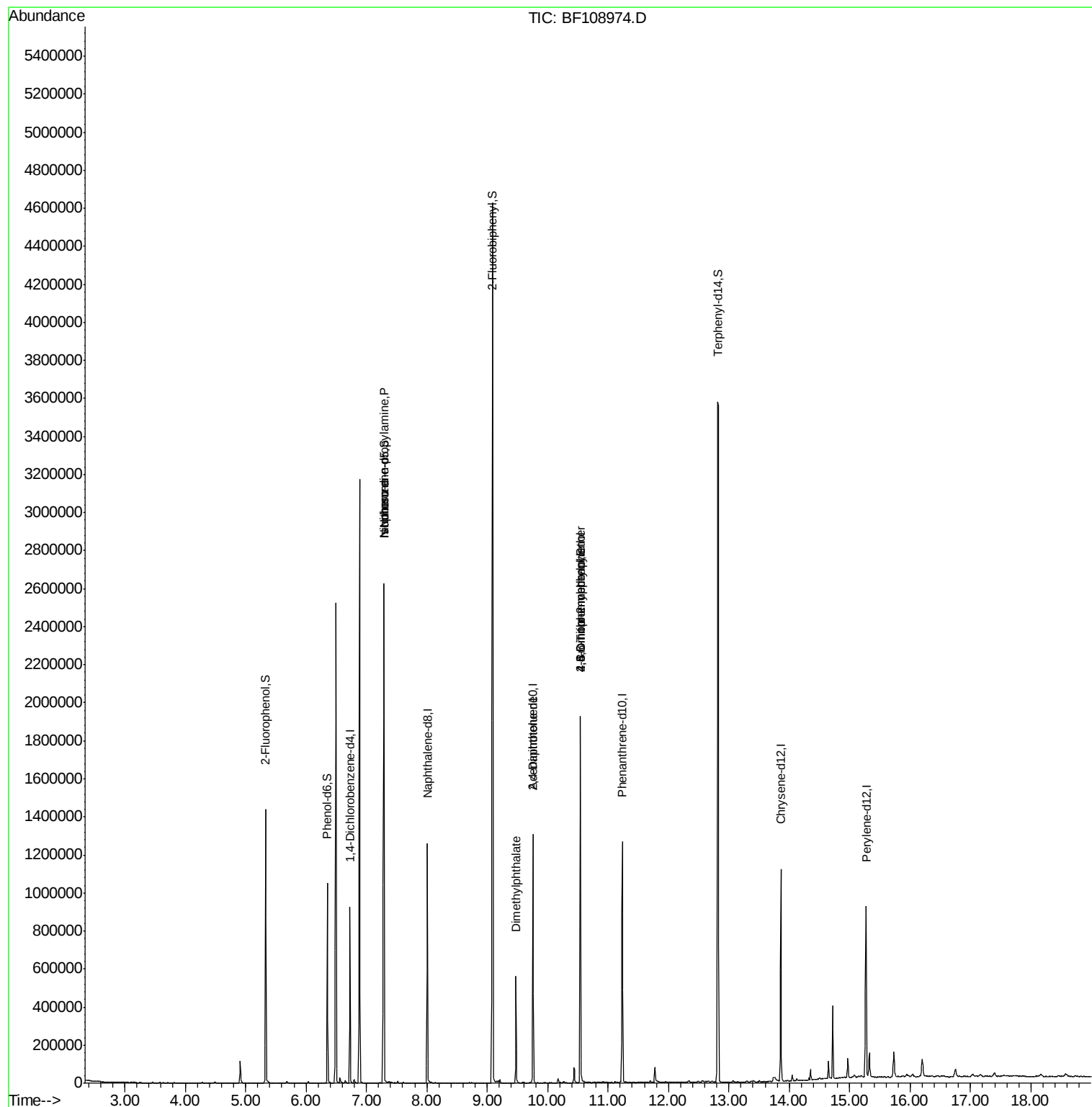
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141904	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	526854	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	241309	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	423787	20.00	ng	0.00
75) Chrysene-d12	13.86	240	352732	20.00	ng	0.00
86) Perylene-d12	15.27	264	398229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	377848	44.11	ng	0.00
7) Phenol-d6	6.35	99	305072	27.68	ng	-0.01
23) Nitrobenzene-d5	7.29	82	893658	106.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	226455	98.30	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1477211	104.43	ng	0.00
78) Terphenyl-d14	12.82	244	1353441	89.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	119492	15.598	ng	# 77
25) Isophorone	7.29	82	888127	52.888	ng	# 64
49) Dimethylphthalate	9.48	163	206445	12.232	ng	# 99
56) 2,4-Dinitrotoluene	9.76	165	30772	7.482	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	402	7.075	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	13998	2.924	ng	# 1

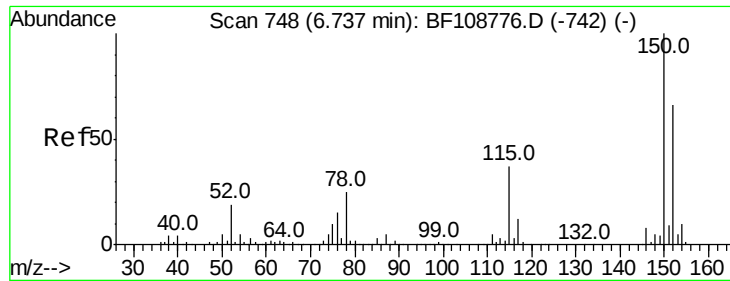
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108974.D
Acq On : 13 Sep 2018 19:43
Operator : JU/SJ
Sample : J4875-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 14 01:57:48 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



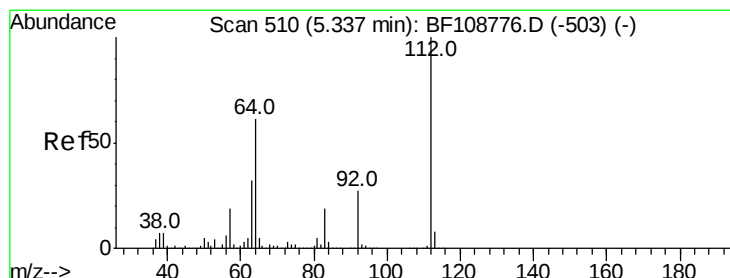
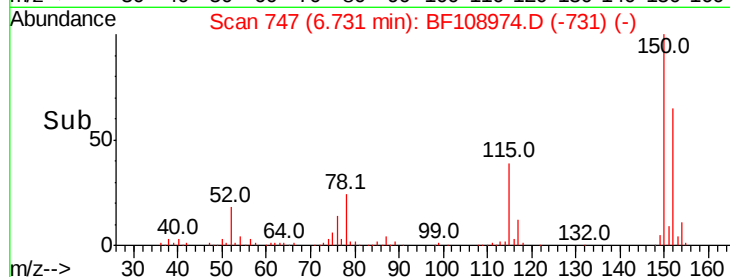
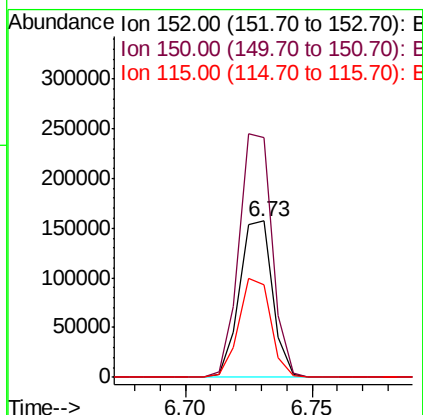
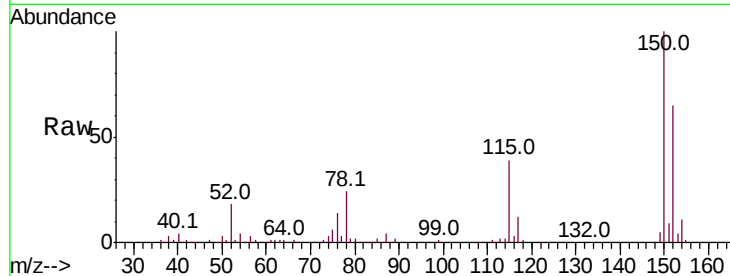


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108974.D
Acq: 13 Sep 2018 19:43

Instrument :
BNA_F
ClientSampleId :

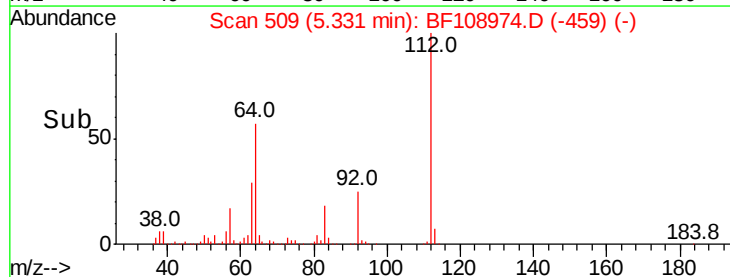
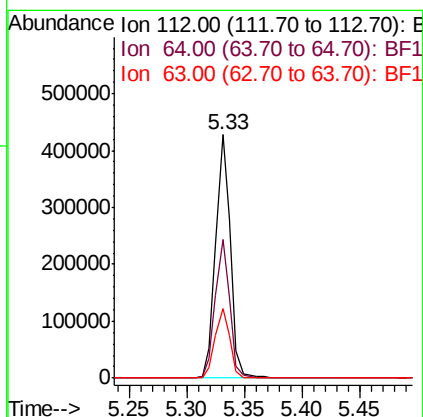
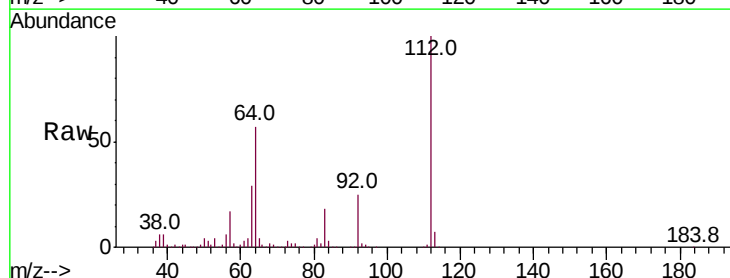
Tot Ion:152 Resp: 141904
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 59.5 50.1 75.1

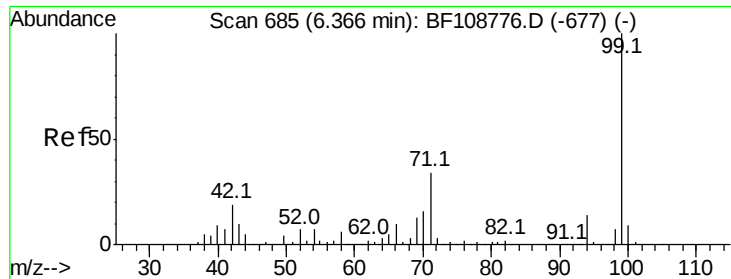


#5

2-Fluorophenol
Concen: 44.112 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108974.D
Acq: 13 Sep 2018 19:43

Tgt Ion:112 Resp: 377848
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 27.681 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

Instrument :

BNA_F

ClientSampleId :

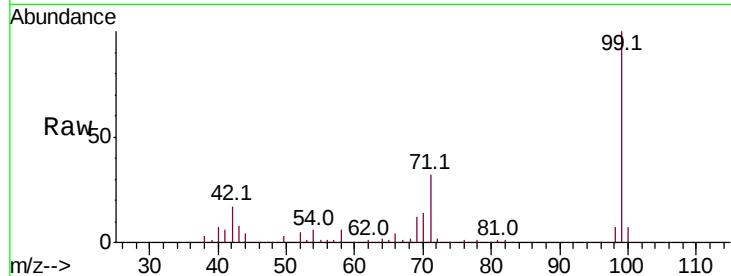
Tot Ion: 99 Resp: 305072

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

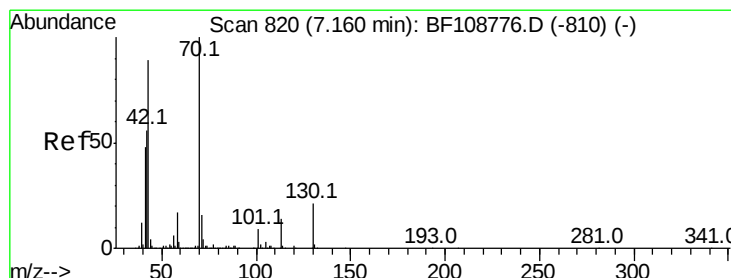
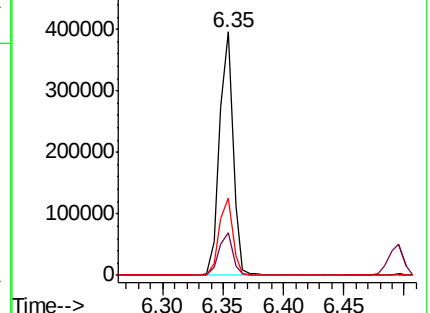
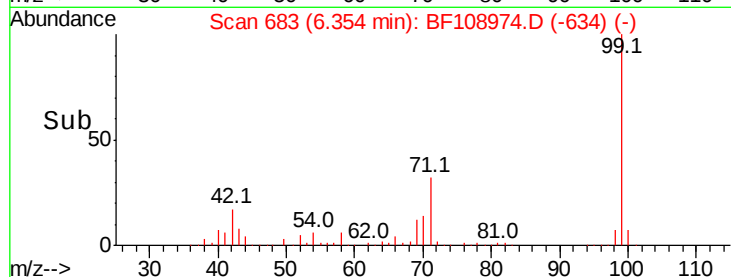
71 31.9 25.4 38.0



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: 15.598 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

Tgt Ion: 70 Resp: 119492

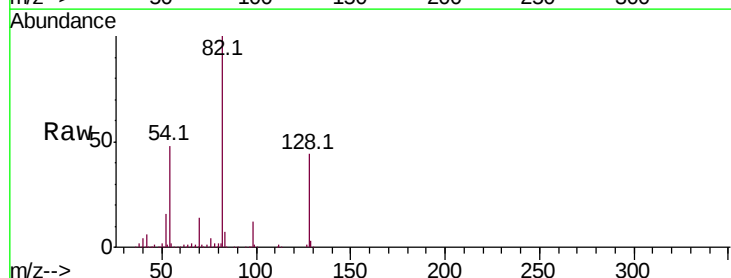
Ion Ratio Lower Upper

70 100

42 46.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

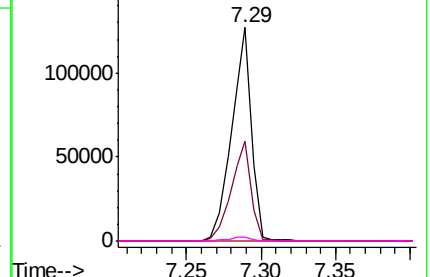
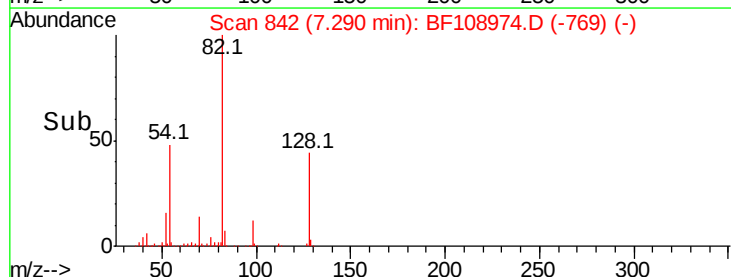


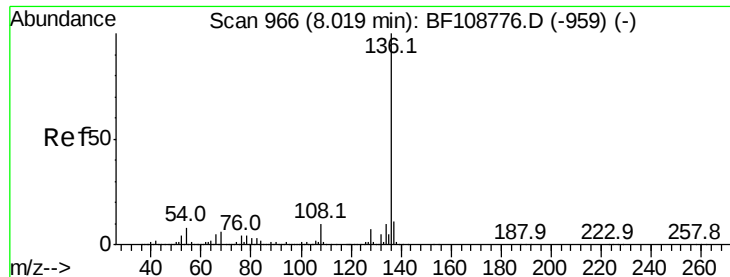
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.01 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 526854

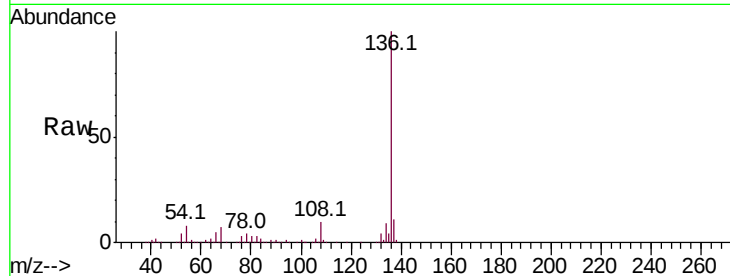
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.6 6.6 9.8

68 6.6 5.0 7.4

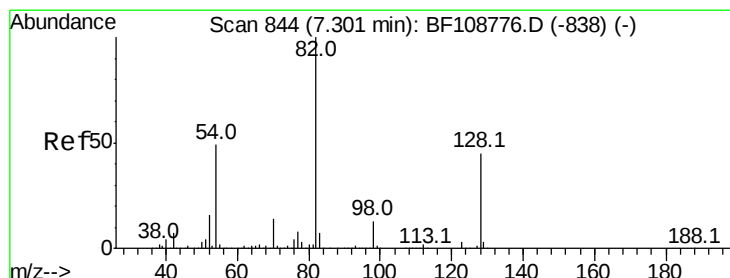
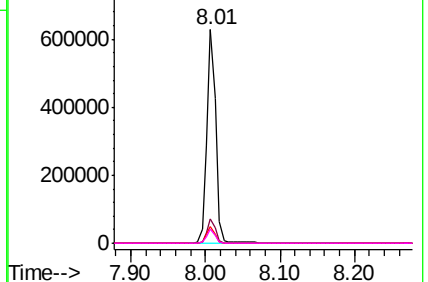
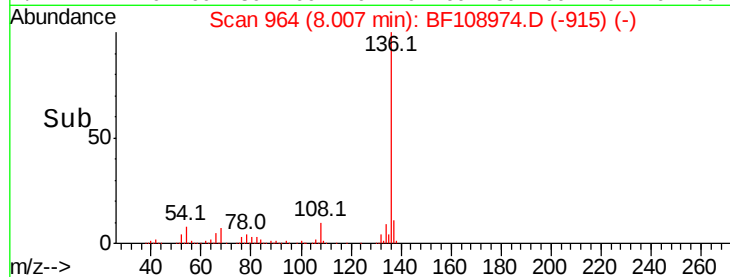


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.151 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

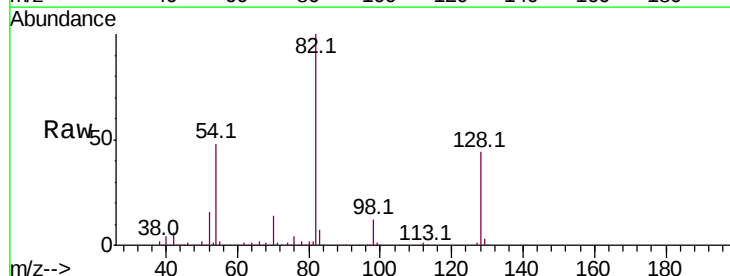
Tgt Ion: 82 Resp: 893658

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

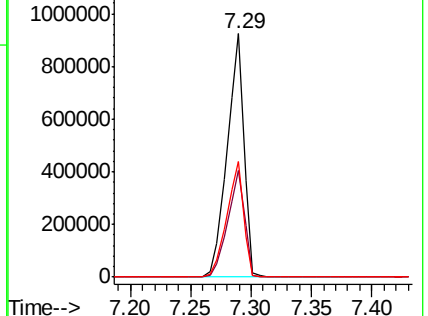
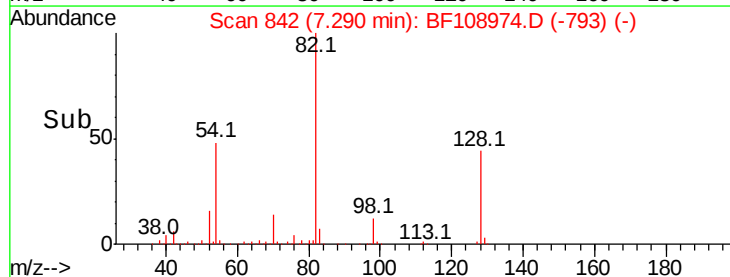
54 47.7 41.4 62.2

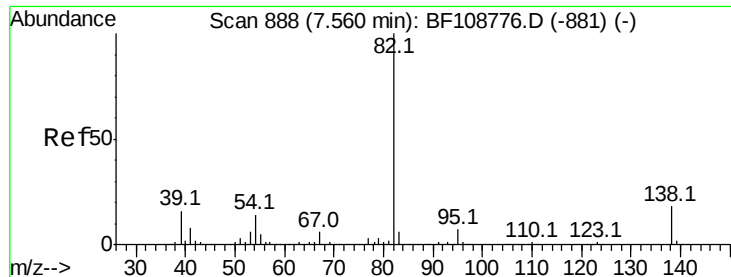


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.888 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

Instrument :

BNA_F

ClientSampleId :

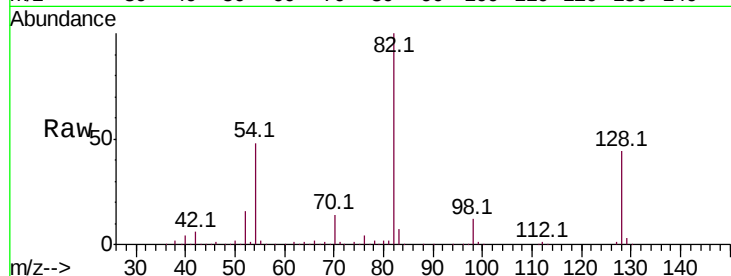
Tot Ion: 82 Resp: 888127

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

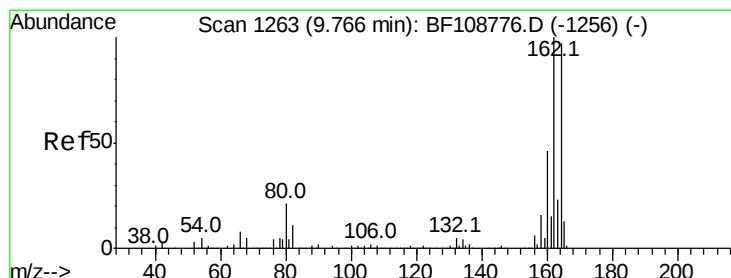
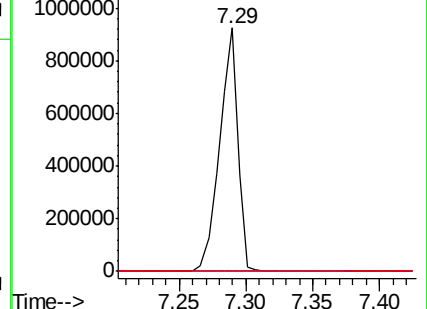
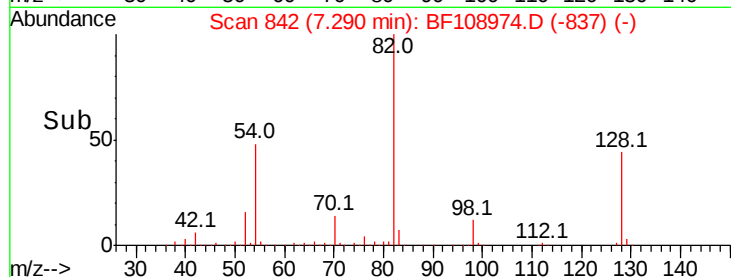
138 0.0 14.9 22.3#



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: BF108974.D

Acq: 13 Sep 2018 19:43

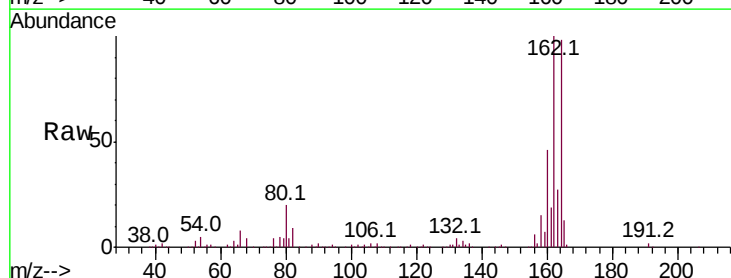
Tgt Ion:164 Resp: 241309

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

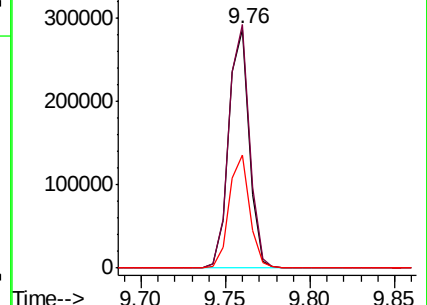
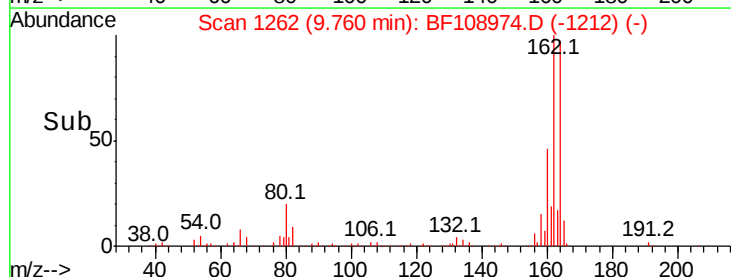
160 47.3 38.3 57.5

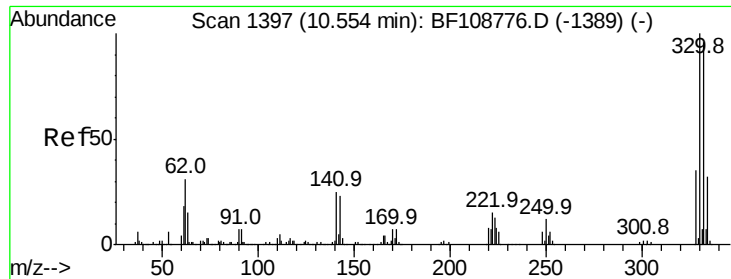


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

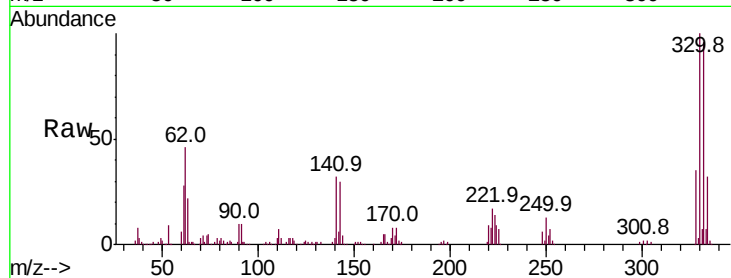




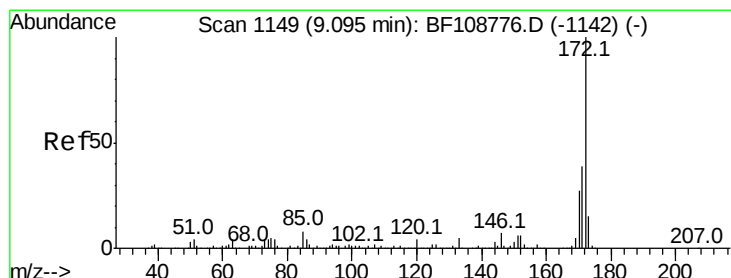
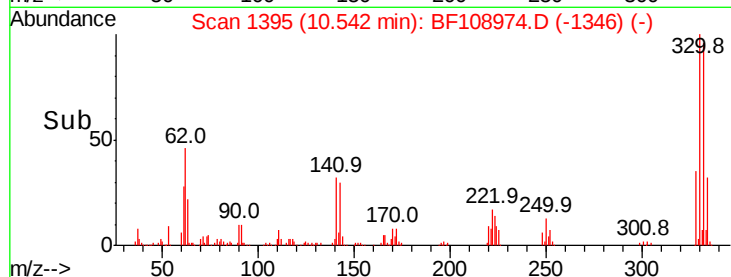
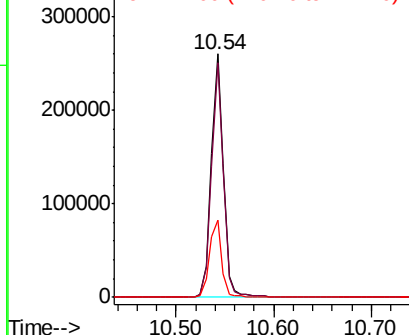
#41
 2,4,6-Tribromophenol
 Concen: 98.303 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108974.D
 Acq: 13 Sep 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.0	29.9	44.9

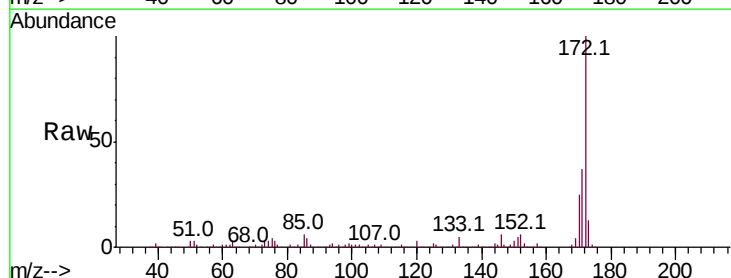


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

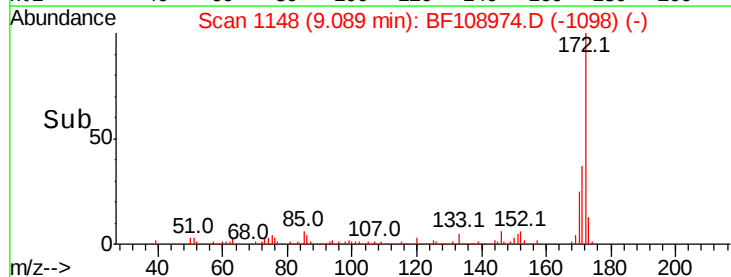
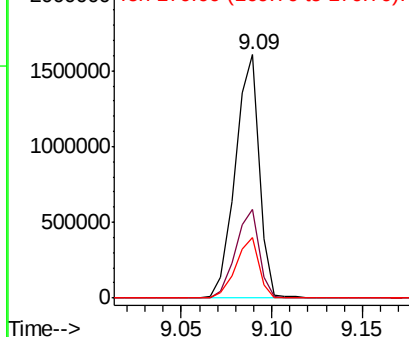


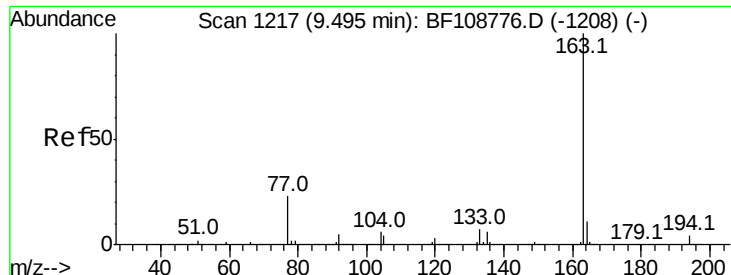
#44
 2-Fluorobiphenyl
 Concen: 104.435 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108974.D
 Acq: 13 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: 12.232 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

Instrument :

BNA_F

ClientSampleId :

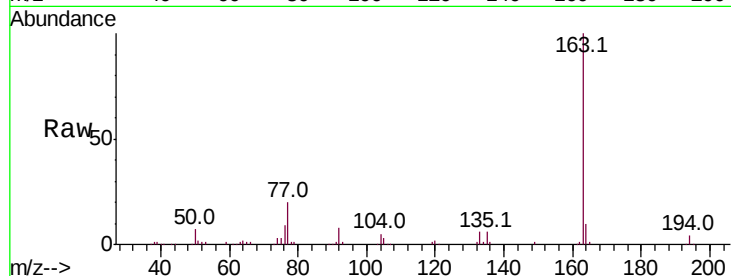
Tot Ion:163 Resp: 206445

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

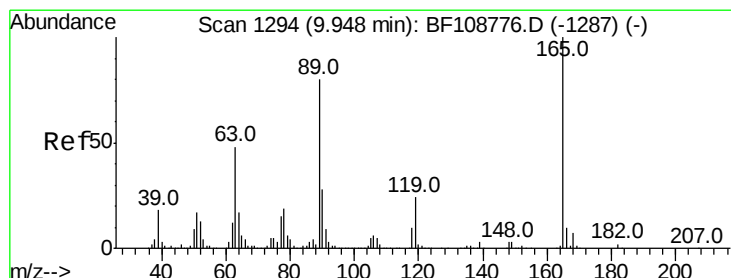
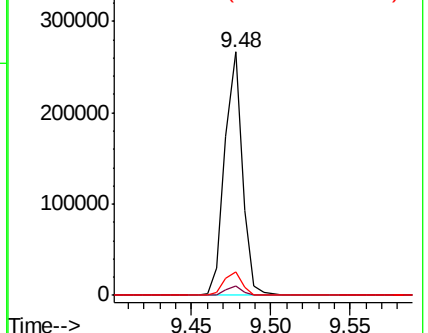
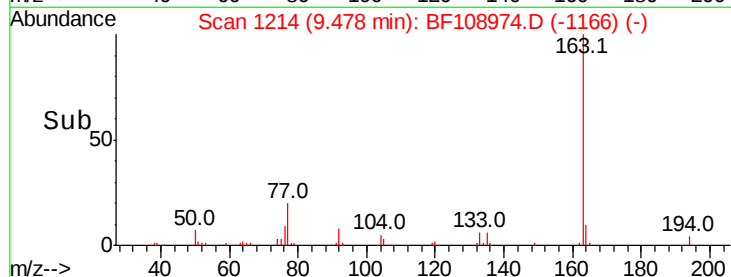
164 9.8 8.2 12.2



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: 7.482 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.19 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

Tgt Ion:165 Resp: 30772

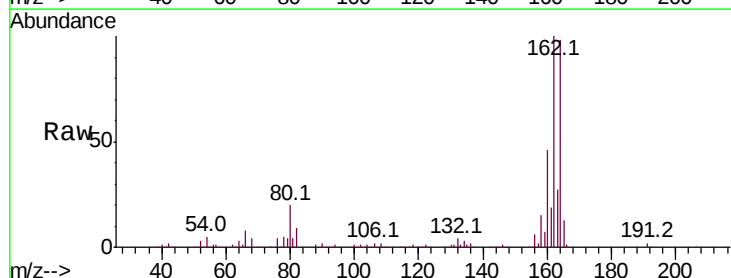
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

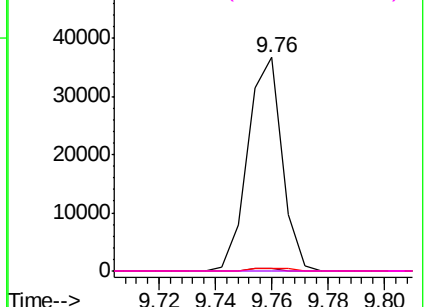
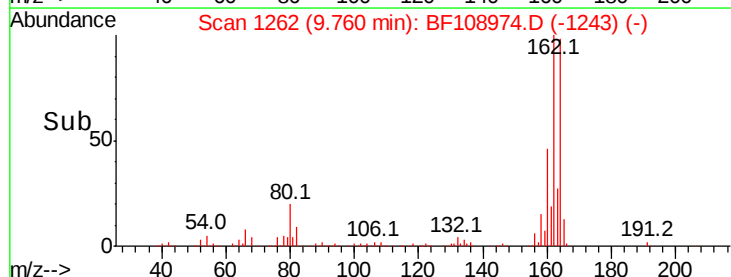


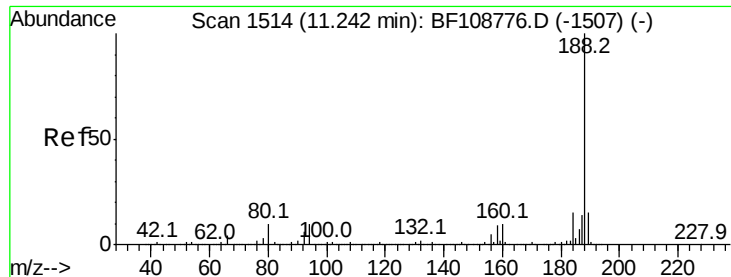
Abundance Ion 165.00 (164.70 to 165.70): E

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

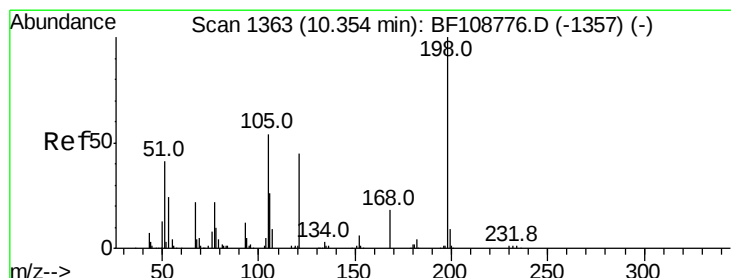
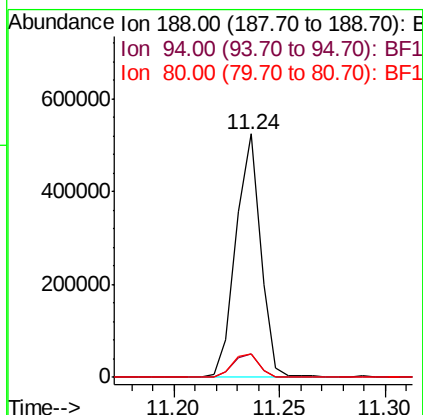
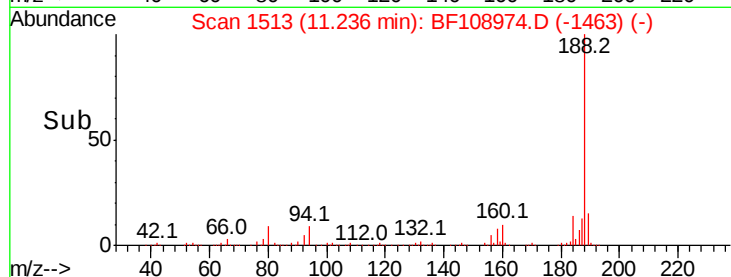
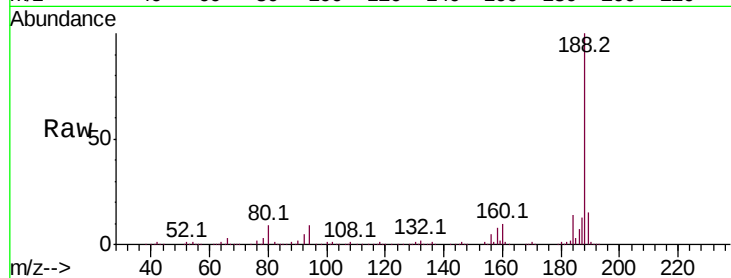




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108974.D
Acq: 13 Sep 2018 19:43

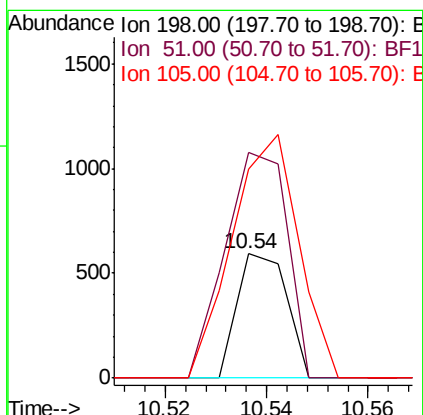
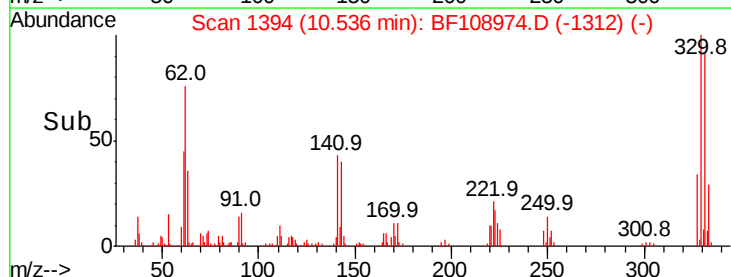
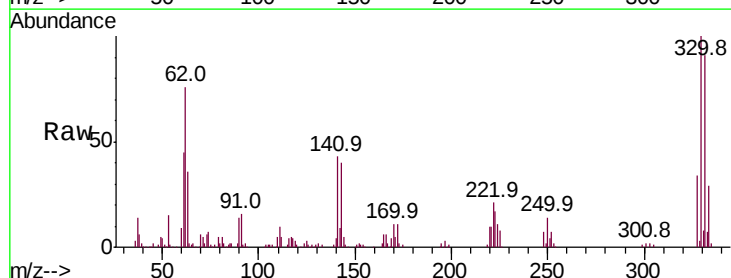
Instrument :
BNA_F
ClientSampleId :

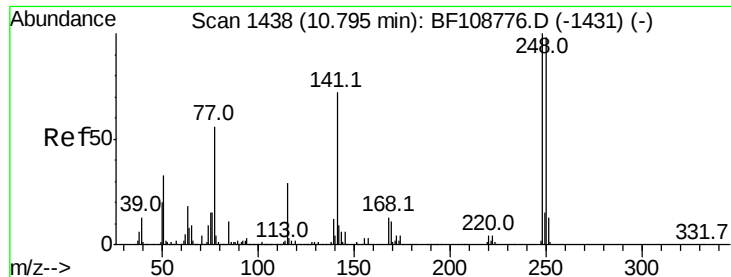
Tot Ion:188 Resp: 423787
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.075 ng
RT: 10.54 min Scan# 1394
Delta R.T. 0.18 min
Lab File: BF108974.D
Acq: 13 Sep 2018 19:43

Tgt Ion:198 Resp: 402
Ion Ratio Lower Upper
198 100
51 182.1 37.7 77.7#
105 168.1 36.3 76.3#

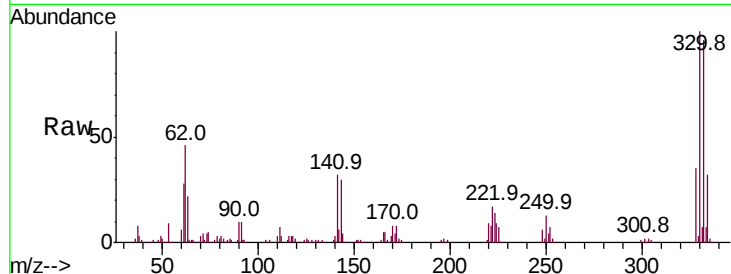




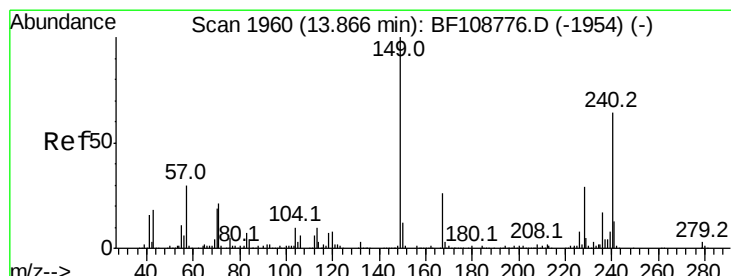
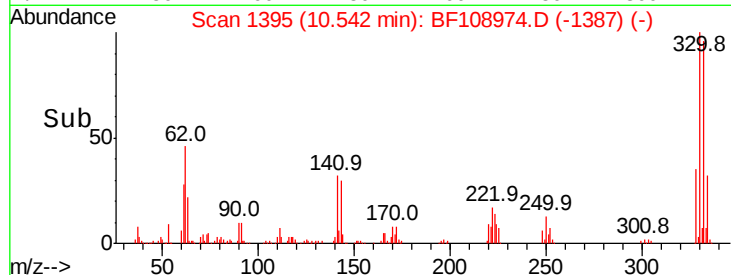
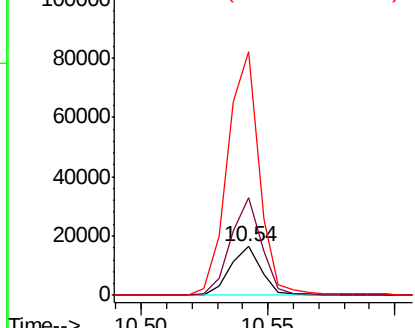
#66
4-Bromophenyl-phenylether
Concen: 2.924 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108974.D
Acq: 13 Sep 2018 19:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13998
Ion Ratio Lower Upper
248 100
250 200.7 76.9 115.3#
141 502.6 74.4 111.6#

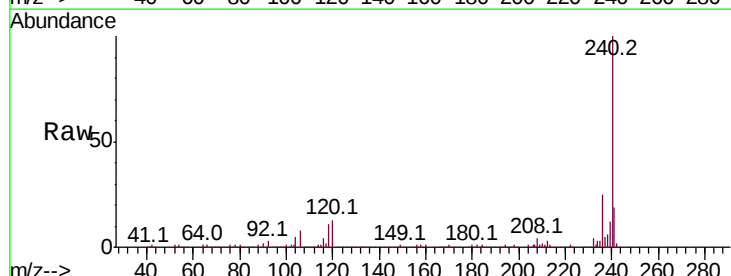


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

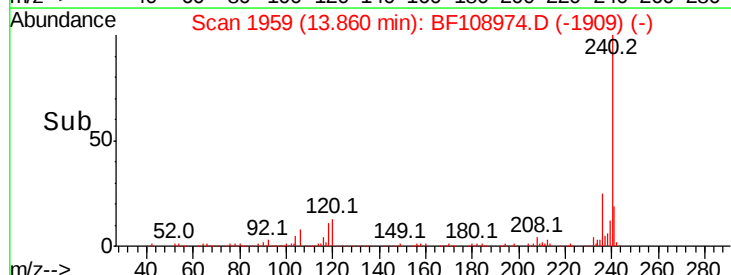
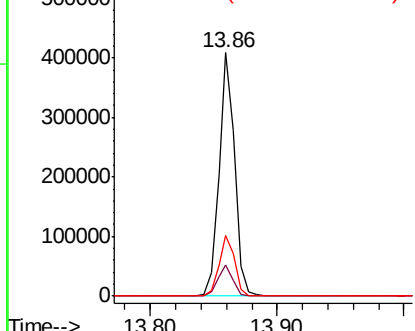


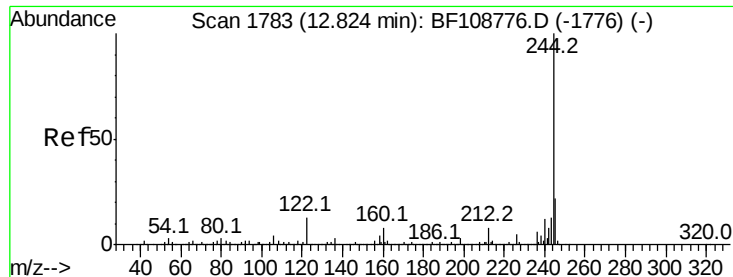
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108974.D
Acq: 13 Sep 2018 19:43

Tgt Ion:240 Resp: 352732
Ion Ratio Lower Upper
240 100
120 12.9 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: 89.476 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

Instrument :

BNA_F

ClientSampleId :

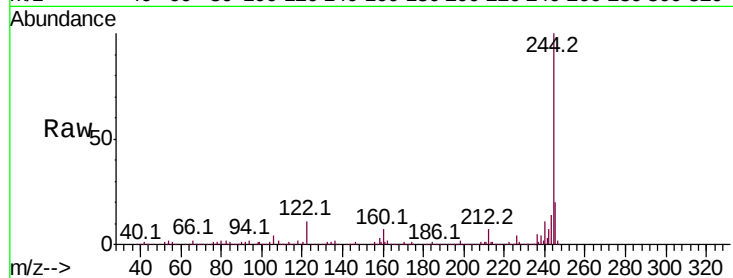
Tot Ion:244 Resp: 1353441

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

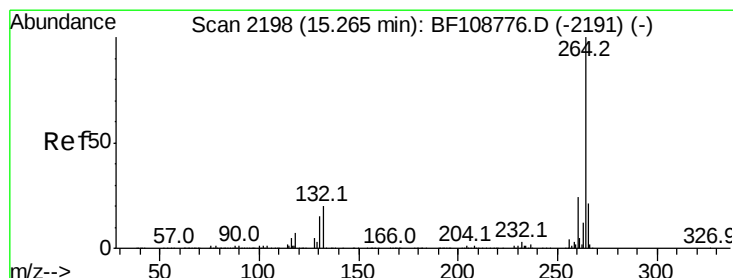
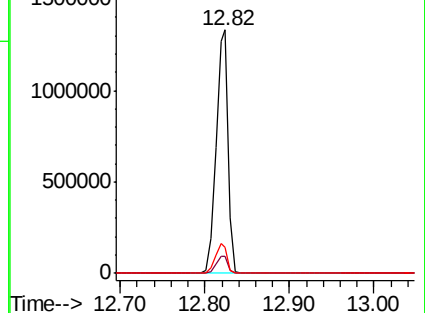
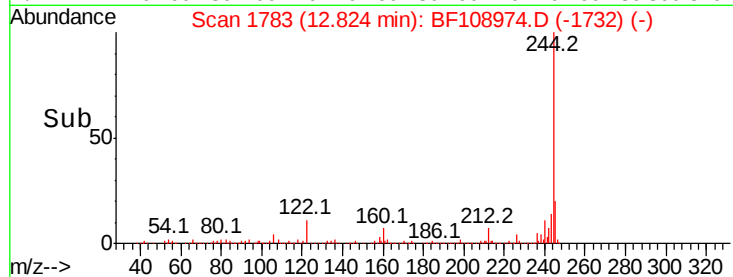
122 10.5 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108974.D

Acq: 13 Sep 2018 19:43

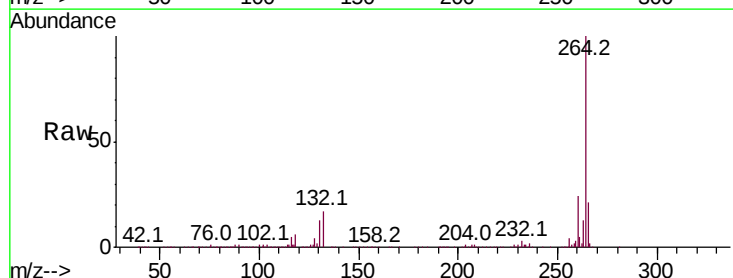
Tgt Ion:264 Resp: 398229

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

