

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108968.D
 Acq On : 13 Sep 2018 17:02
 Operator : JU/SJ
 Sample : TEST-SBL01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 17:59:58 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

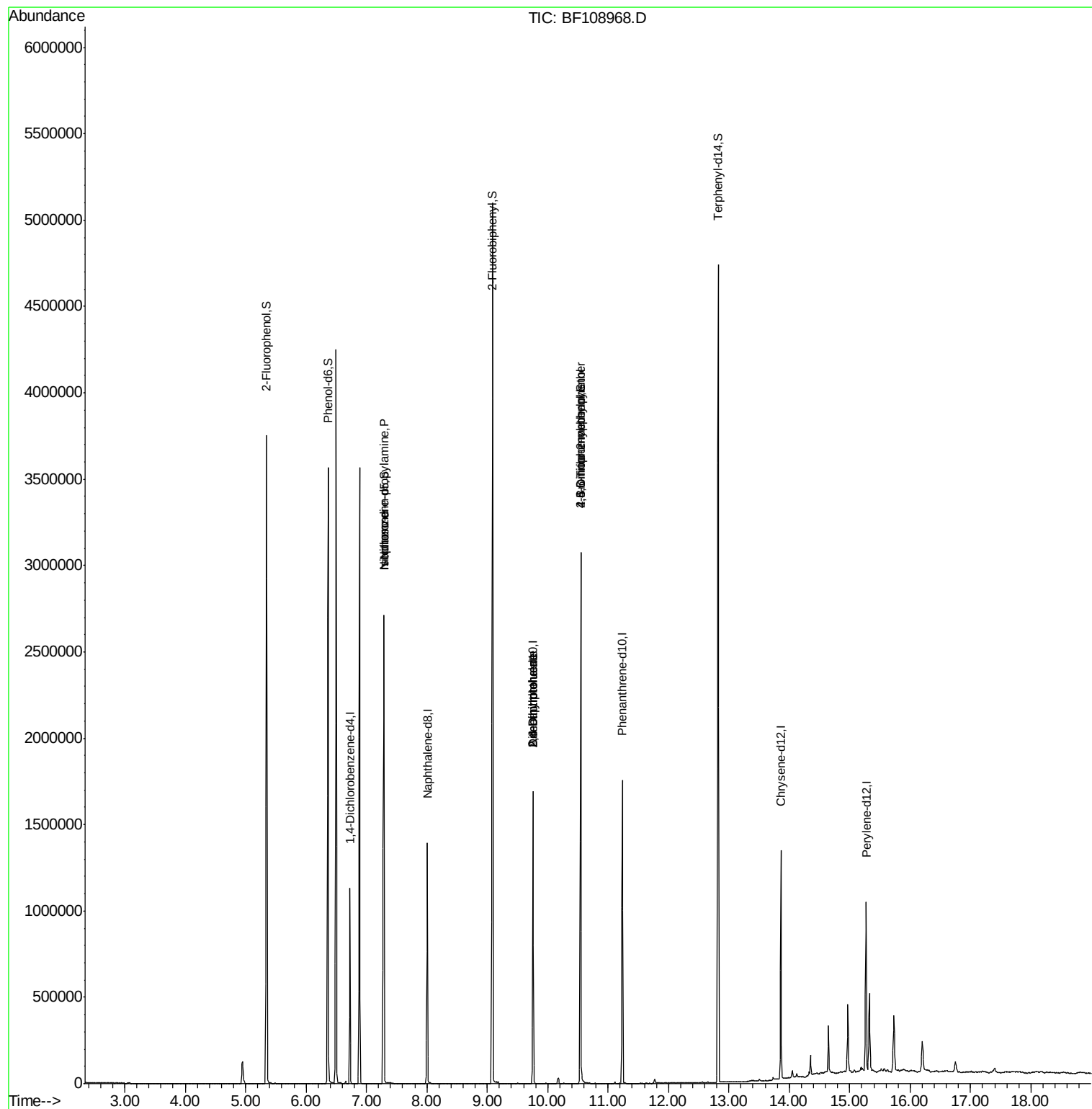
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170454	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	648808	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	313542	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	599380	20.00	ng	0.00
75) Chrysene-d12	13.86	240	425239	20.00	ng	0.00
86) Perylene-d12	15.27	264	431606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1221811	118.75	ng	0.01
7) Phenol-d6	6.37	99	1574598	118.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	1005428	96.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	414981	138.64	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1752575	95.36	ng	0.00
78) Terphenyl-d14	12.82	244	1669658	91.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	134223	14.586	ng	# 78
25) Isophorone	7.29	82	998944	48.305	ng	# 64
49) Dimethylphthalate	9.76	163	87076	3.971	ng	# 1
50) 2,6-Dinitrotoluene	9.76	165	40548	9.703	ng	# 26
56) 2,4-Dinitrotoluene	9.76	165	40548	7.588	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	789	7.155	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	24747	3.656	ng	# 1

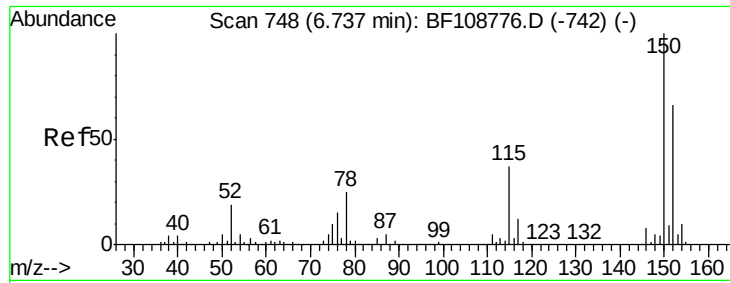
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 17:59:58 2018
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QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



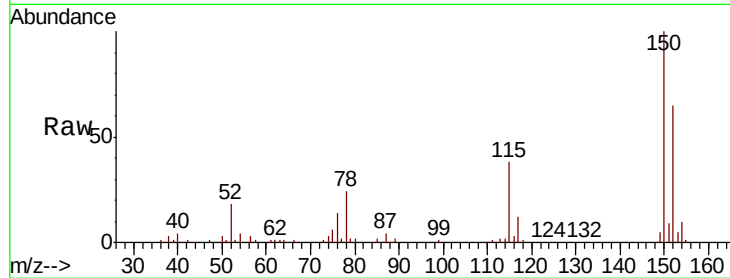


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108968.D
Acq: 13 Sep 2018 17:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	58.6	50.1	75.1

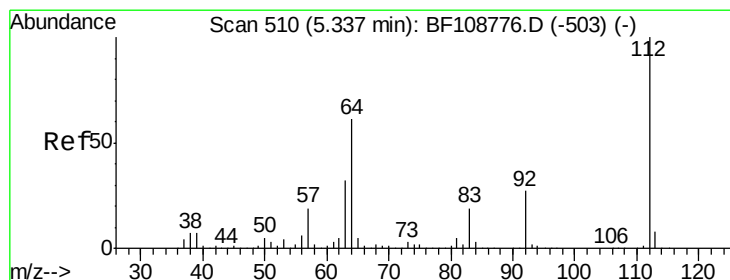
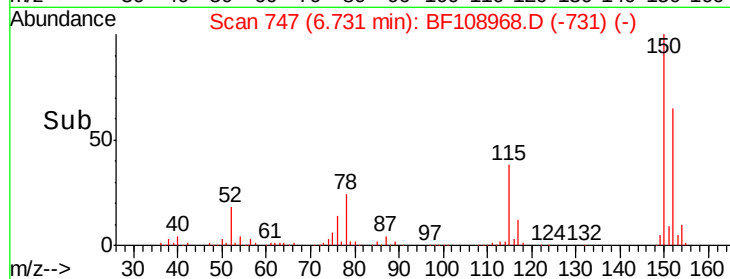
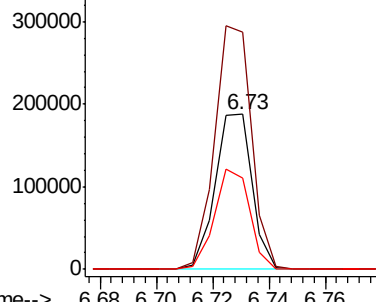


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

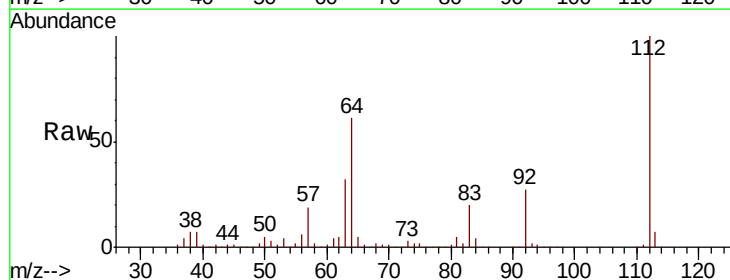
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.750 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108968.D
Acq: 13 Sep 2018 17:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	32.0	23.7	35.5

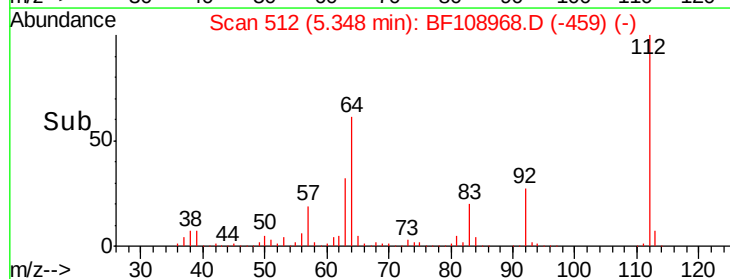
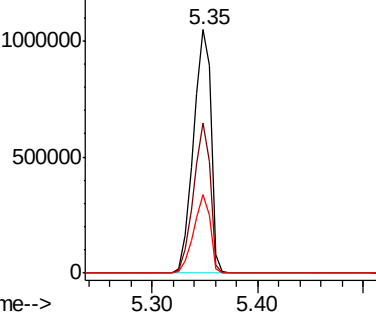


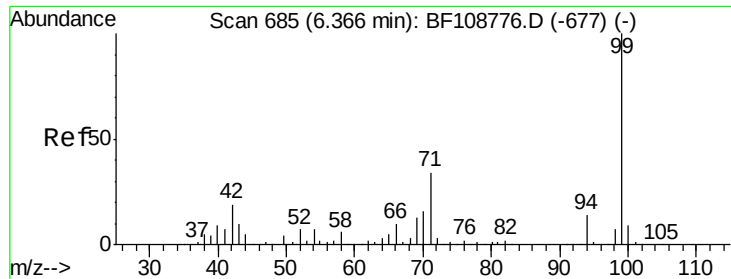
Abundance

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: 118.942 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

Instrument :

BNA_F

ClientSampleId :

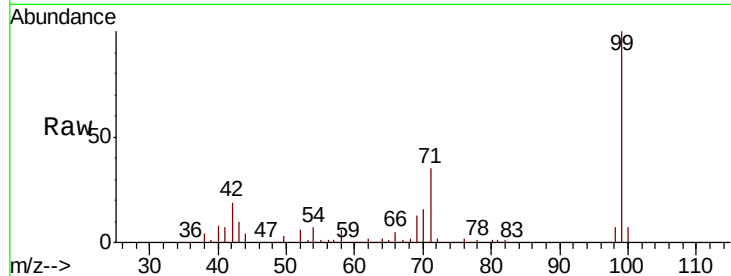
Tot Ion: 99 Resp: 1574598

Ion Ratio Lower Upper

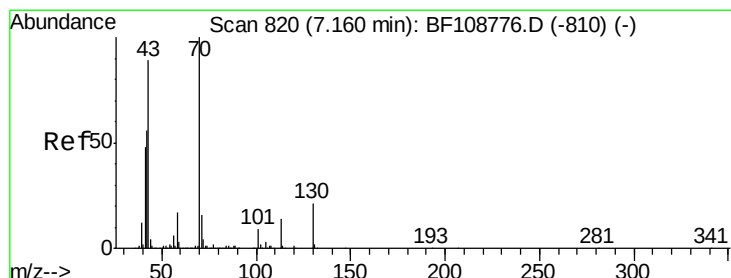
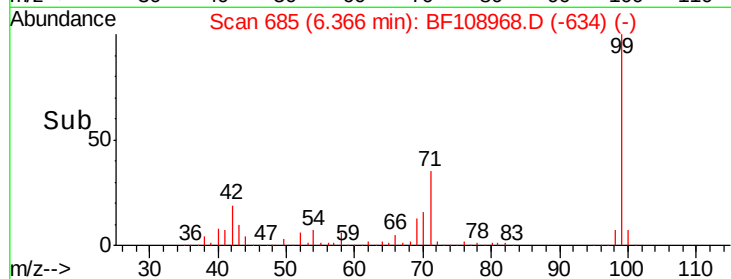
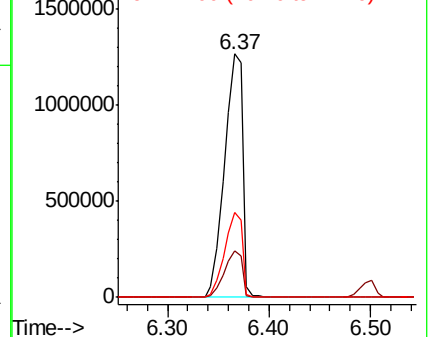
99 100

42 19.3 14.5 21.7

71 34.6 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: 14.586 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

Tgt Ion: 70 Resp: 134223

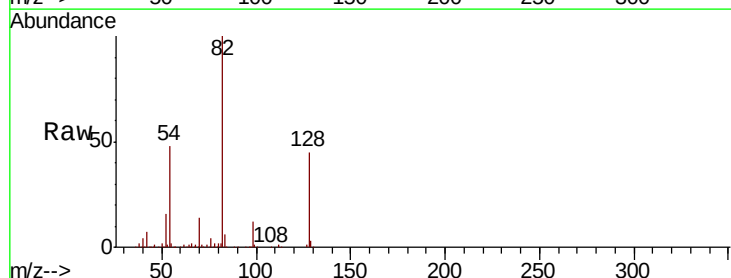
Ion Ratio Lower Upper

70 100

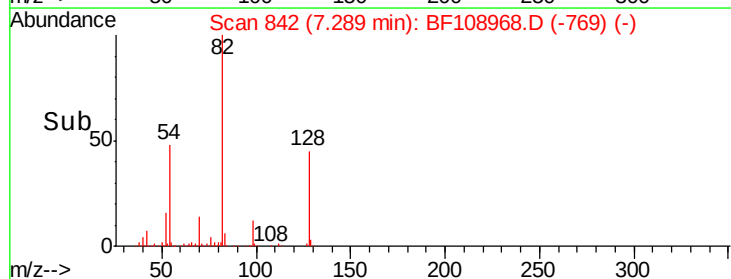
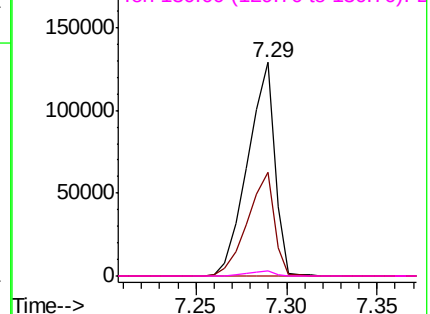
42 48.4 47.5 71.3

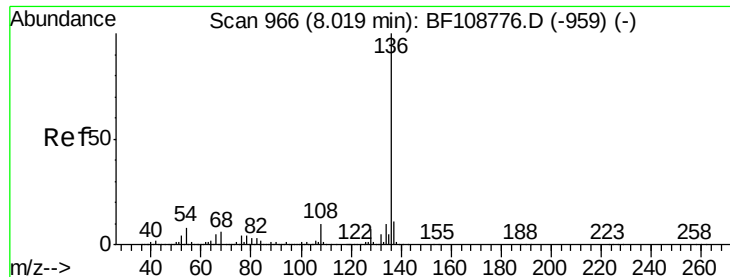
101 0.0 7.4 11.2#

130 2.3 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

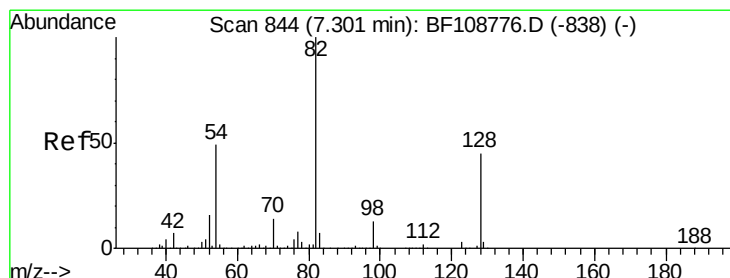
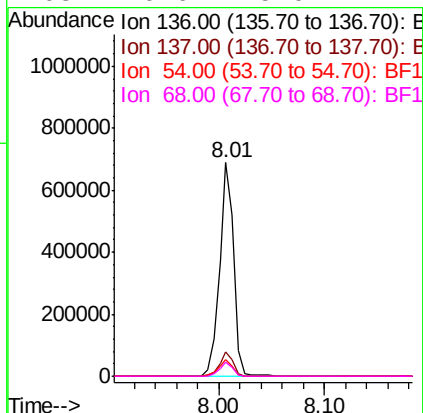
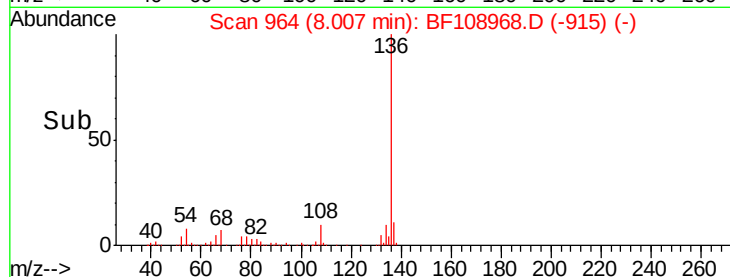
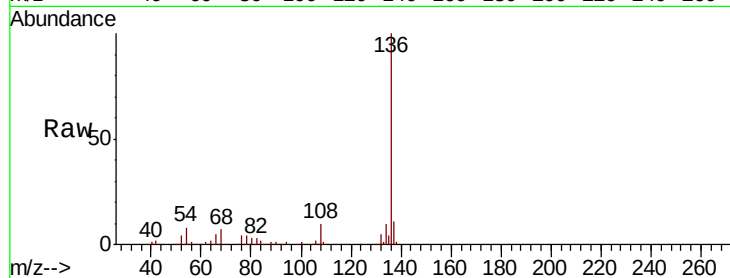




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108968.D
Acq: 13 Sep 2018 17:02

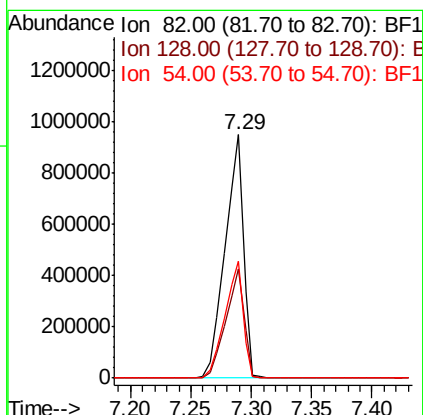
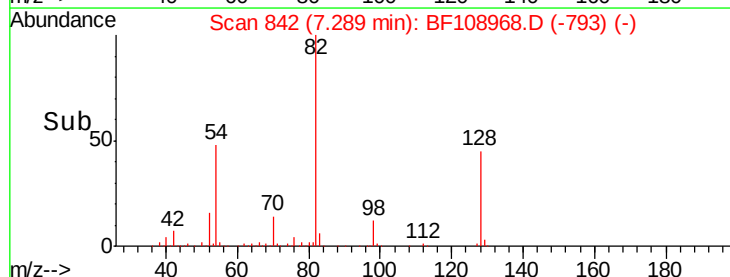
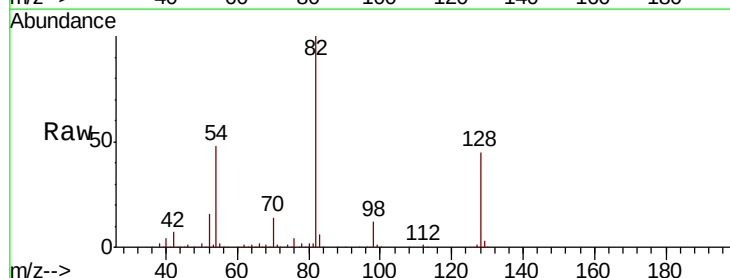
Instrument :
BNA_F
ClientSampled :

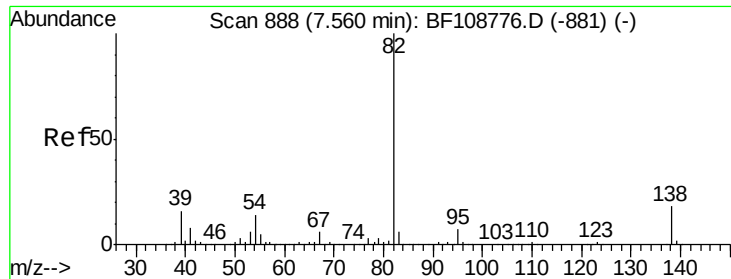
Tot Ion:136	Resp:	648808	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.9	13.3	
54 7.8	6.6	9.8	
68 6.6	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 96.979 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108968.D
Acq: 13 Sep 2018 17:02

Tgt Ion: 82	Resp: 1005428
Ion Ratio	Lower Upper
82 100	
128 44.9	36.1 54.1
54 48.3	41.4 62.2





#25

Isophorone

Concen: 48.305 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

Instrument :

BNA_F

ClientSampleId :

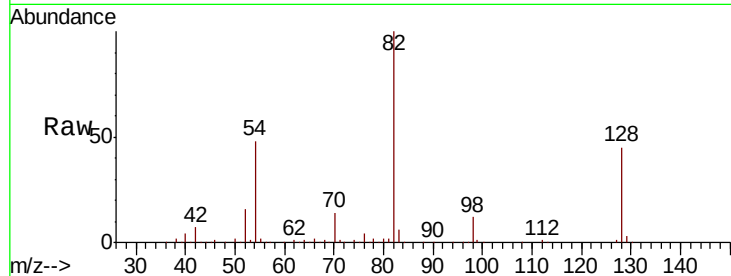
Tot Ion: 82 Resp: 998944

Ion Ratio Lower Upper

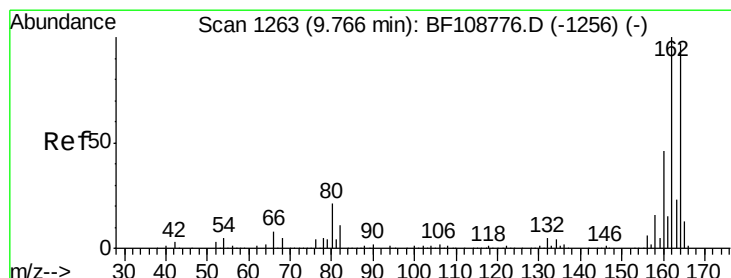
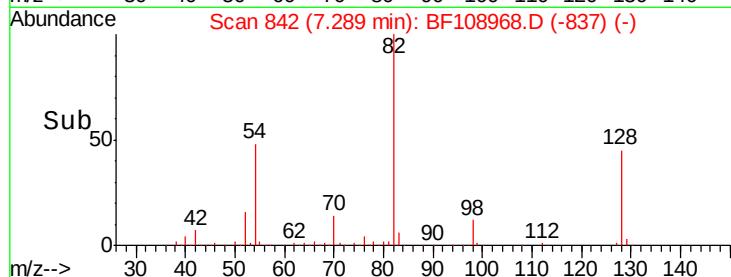
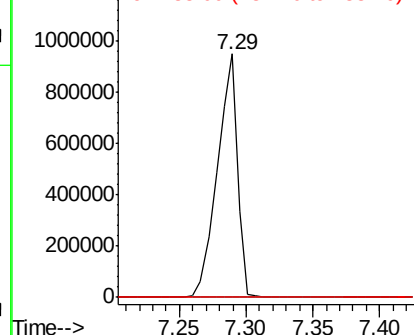
82 100

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: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

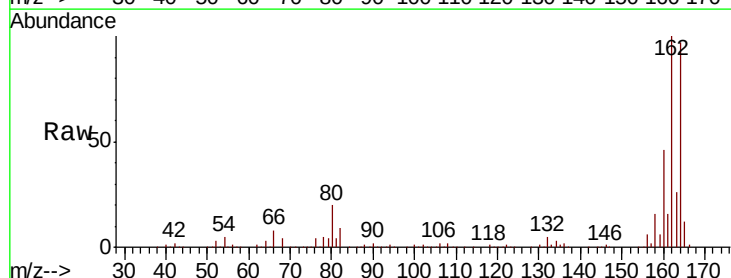
Tgt Ion: 164 Resp: 313542

Ion Ratio Lower Upper

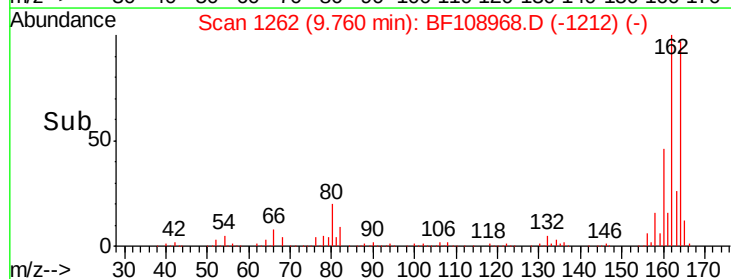
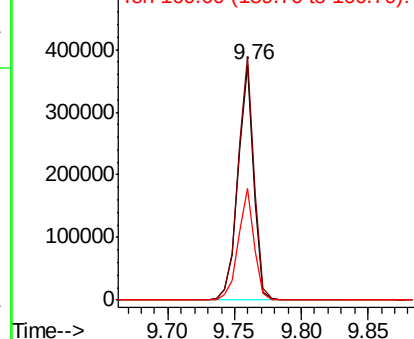
164 100

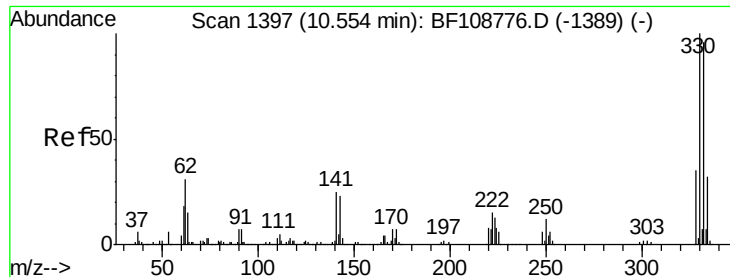
162 103.6 86.1 129.1

160 47.5 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: 138.640 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

Instrument :

BNA_F

ClientSampled :

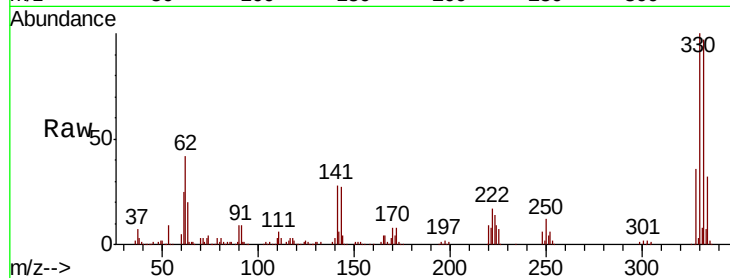
Tot Ion:330 Resp: 414981

Ion Ratio Lower Upper

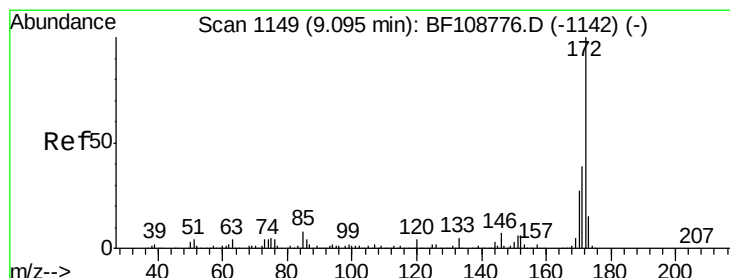
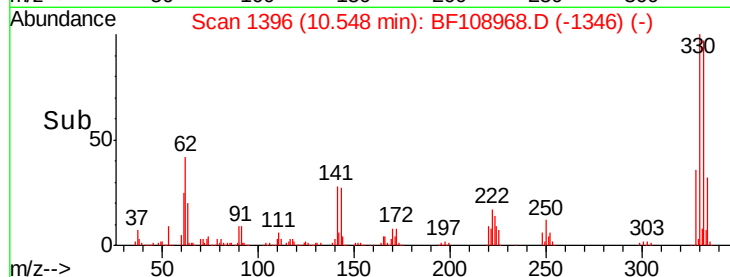
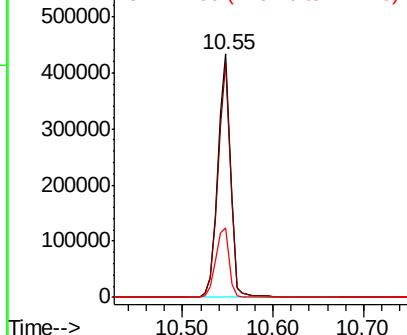
330 100

332 95.6 77.0 115.6

141 30.6 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: 95.358 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

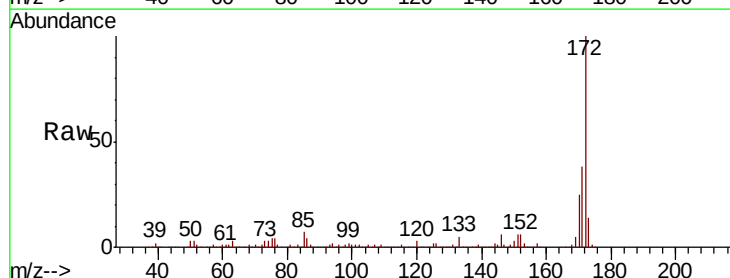
Tgt Ion:172 Resp: 1752575

Ion Ratio Lower Upper

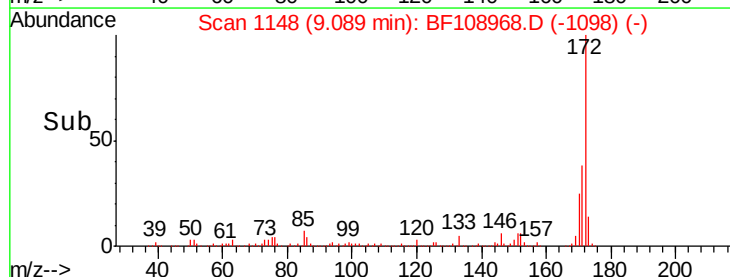
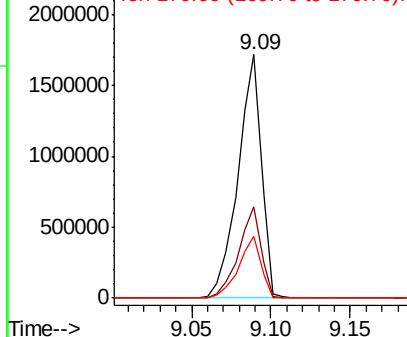
172 100

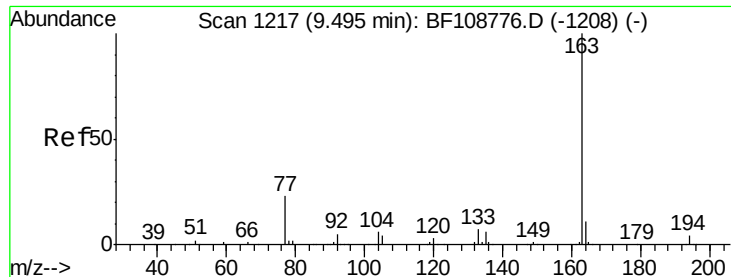
171 37.6 29.7 44.5

170 25.2 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

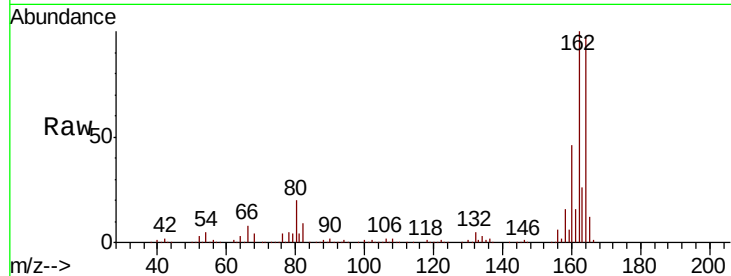




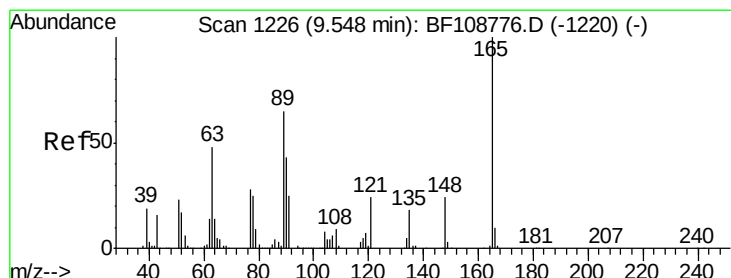
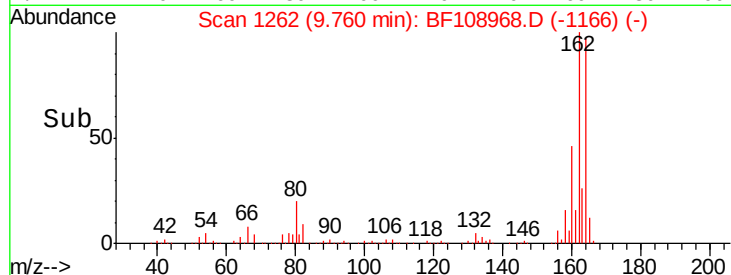
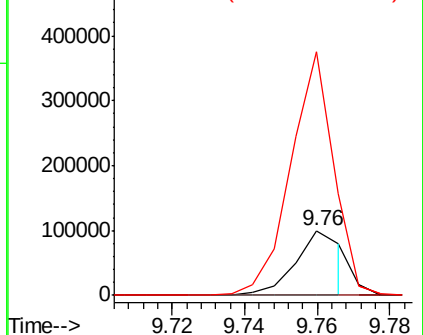
#49
Dimethylphthalate
Concen: 3.971 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.26 min
Lab File: BF108968.D
Acq: 13 Sep 2018 17:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 87076
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 375.1 8.2 12.2#

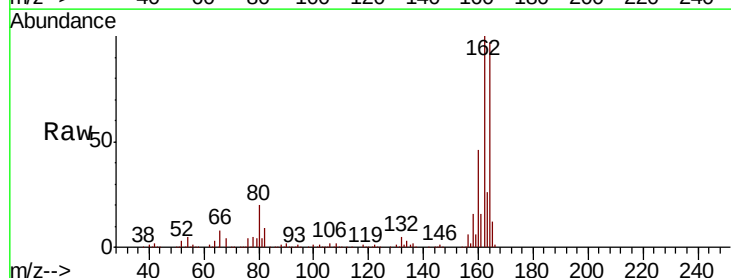


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

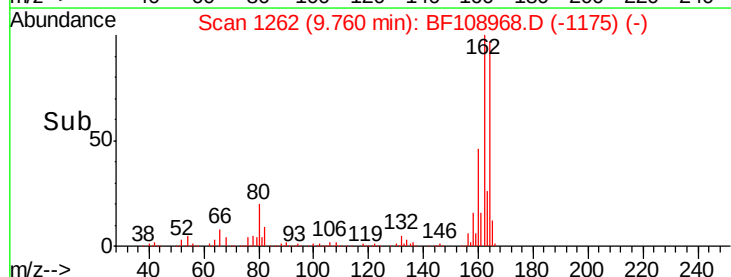
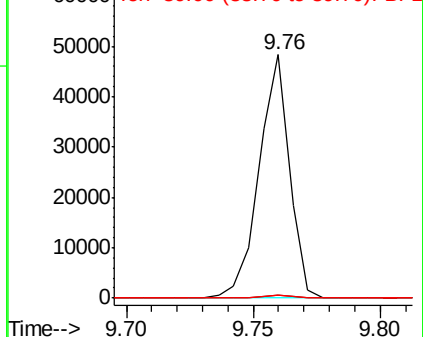


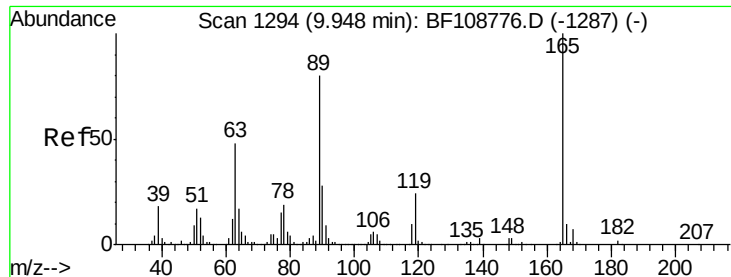
#50
2,6-Dinitrotoluene
Concen: 9.703 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.21 min
Lab File: BF108968.D
Acq: 13 Sep 2018 17:02

Tgt Ion:165 Resp: 40548
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.5 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

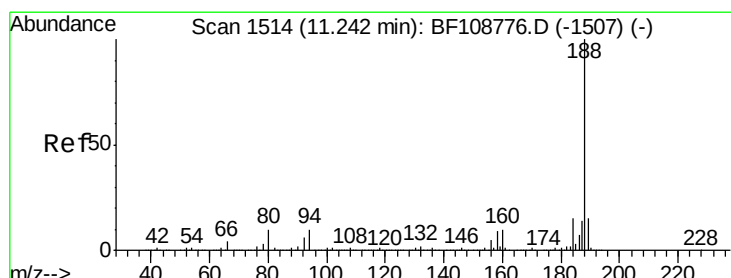
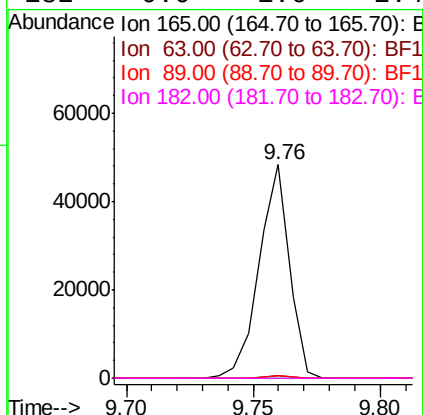
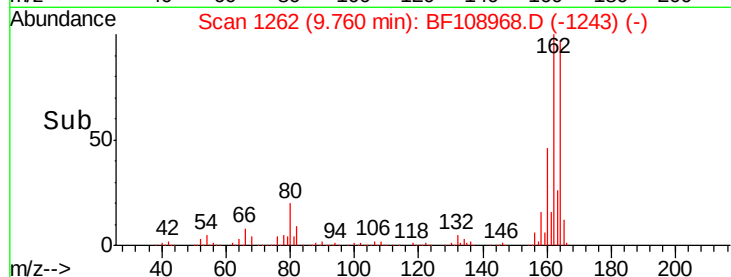
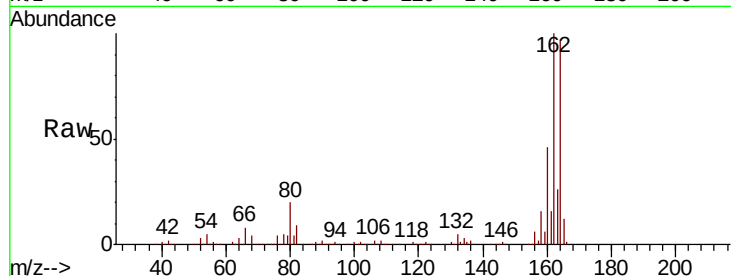




#56
 2,4-Dinitrotoluene
 Concen: 7.588 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.19 min
 Lab File: BF108968.D
 Acq: 13 Sep 2018 17:02

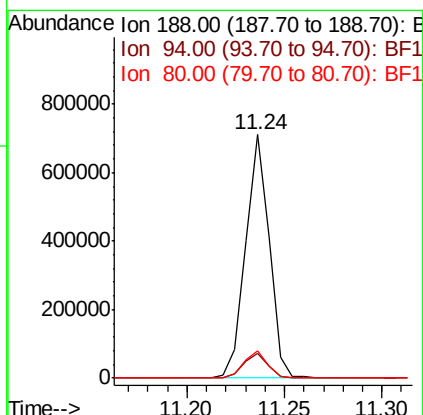
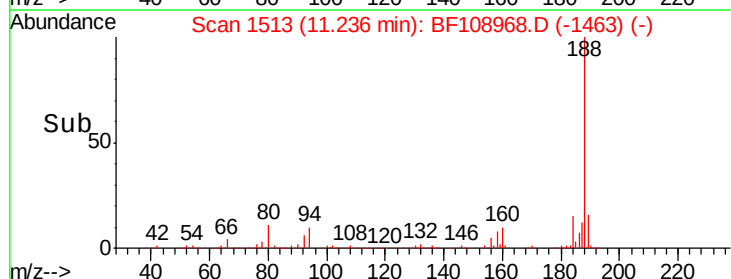
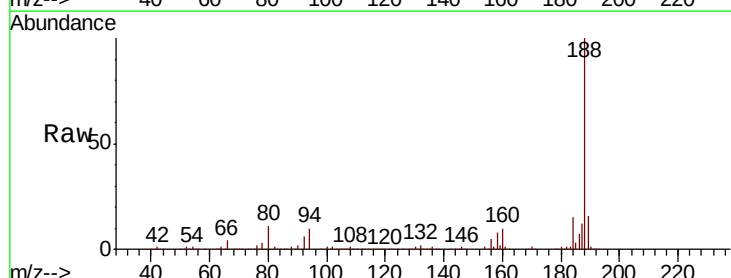
Instrument :
 BNA_F
 ClientSampleId :

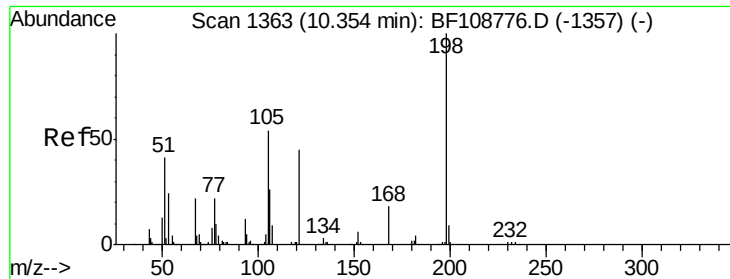
Tot Ion:	165	Resp:	40548
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108968.D
 Acq: 13 Sep 2018 17:02

Tgt Ion:	188	Resp:	599380
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.155 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.19 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

Instrument :

BNA_F

ClientSampleId :

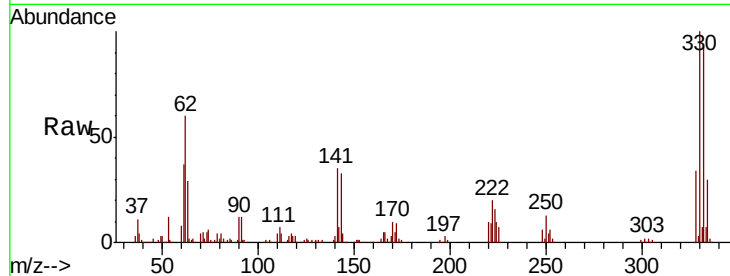
Tot Ion:198 Resp: 789

Ion Ratio Lower Upper

198 100

51 171.7 37.7 77.7#

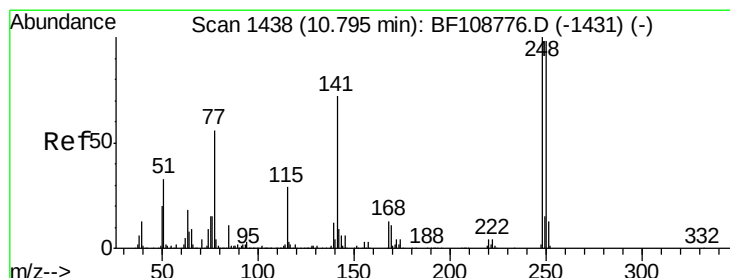
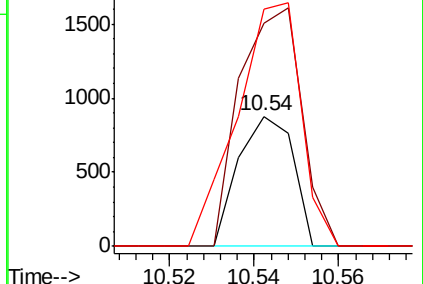
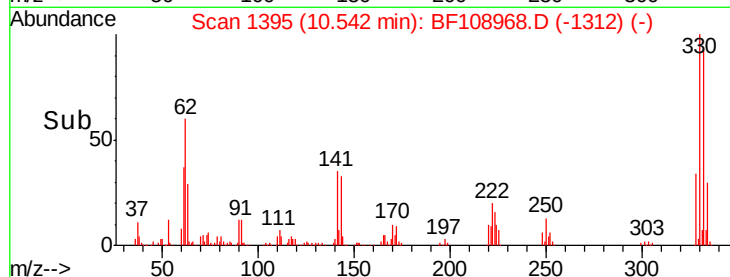
105 181.7 36.3 76.3#



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: 3.656 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.25 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

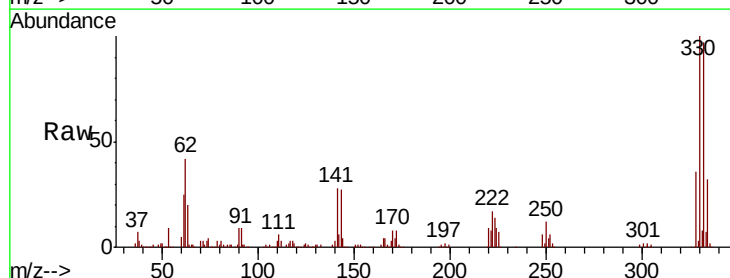
Tgt Ion:248 Resp: 24747

Ion Ratio Lower Upper

248 100

250 197.5 76.9 115.3#

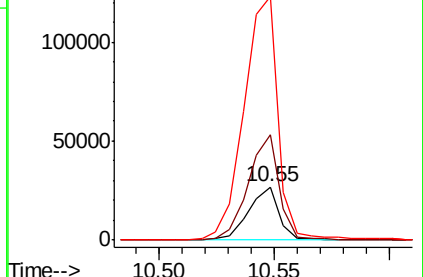
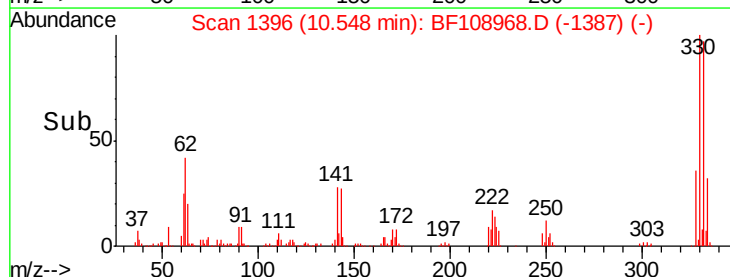
141 458.8 74.4 111.6#

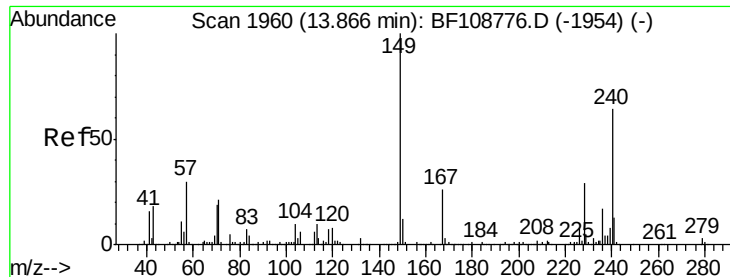


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108968.D

Acq: 13 Sep 2018 17:02

Instrument :

BNA_F

ClientSampleId :

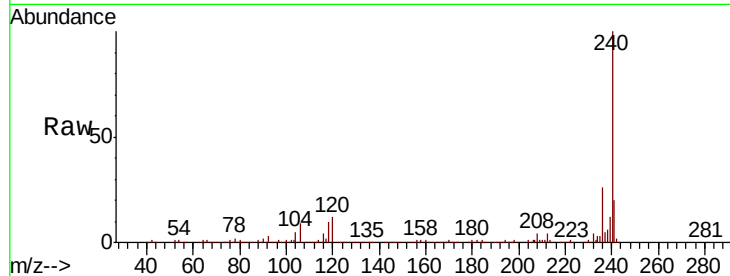
Tot Ion:240 Resp: 425239

Ion Ratio Lower Upper

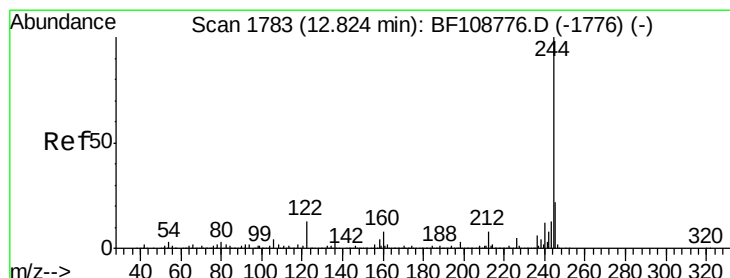
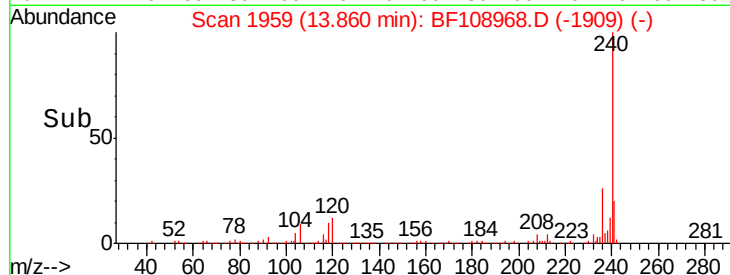
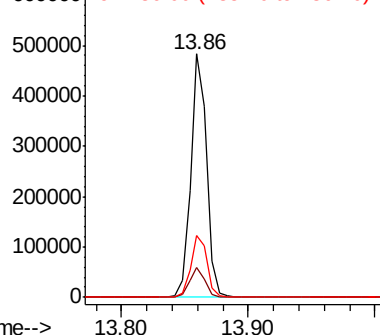
240 100

120 12.3 9.5 14.3

236 25.6 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: 91.560 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108968.D

Acq: 13 Sep 2018 17:02

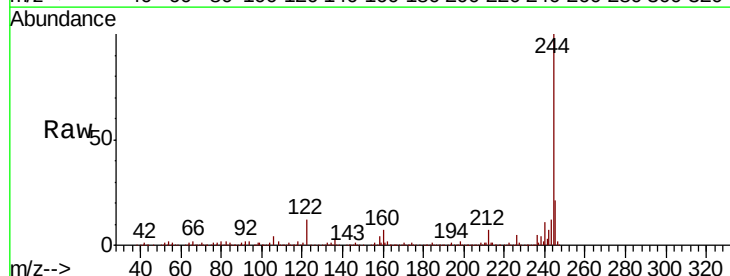
Tgt Ion:244 Resp: 1669658

Ion Ratio Lower Upper

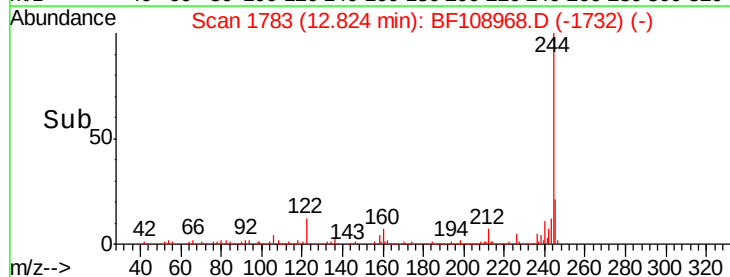
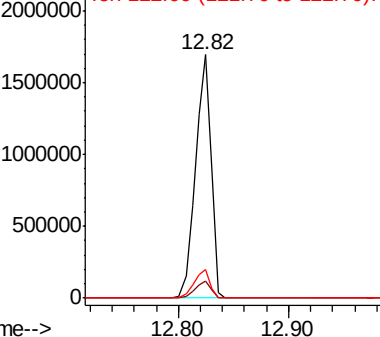
244 100

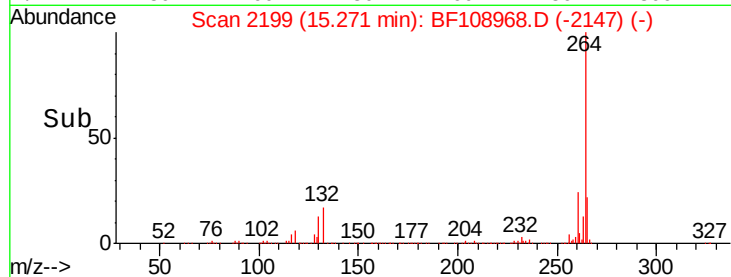
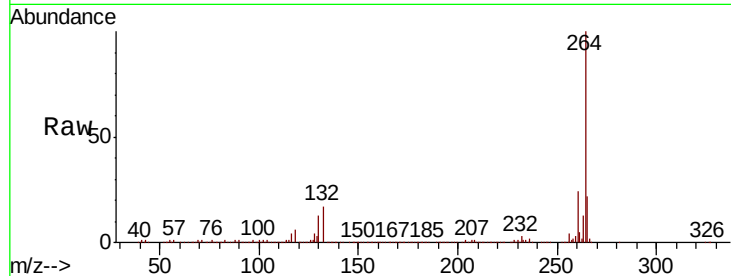
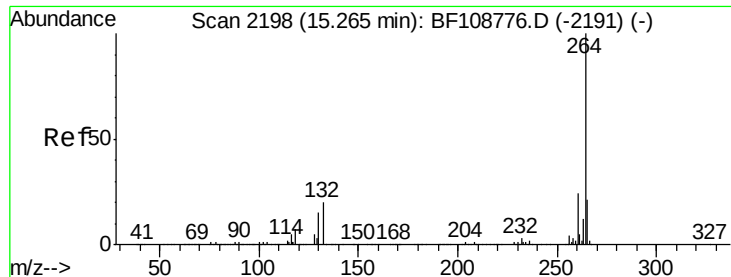
212 7.2 5.4 8.0

122 11.9 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: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108968.D
Acq: 13 Sep 2018 17:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

