

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108972.D
 Acq On : 13 Sep 2018 18:49
 Operator : JU/SJ
 Sample : J4873-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:57:23 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

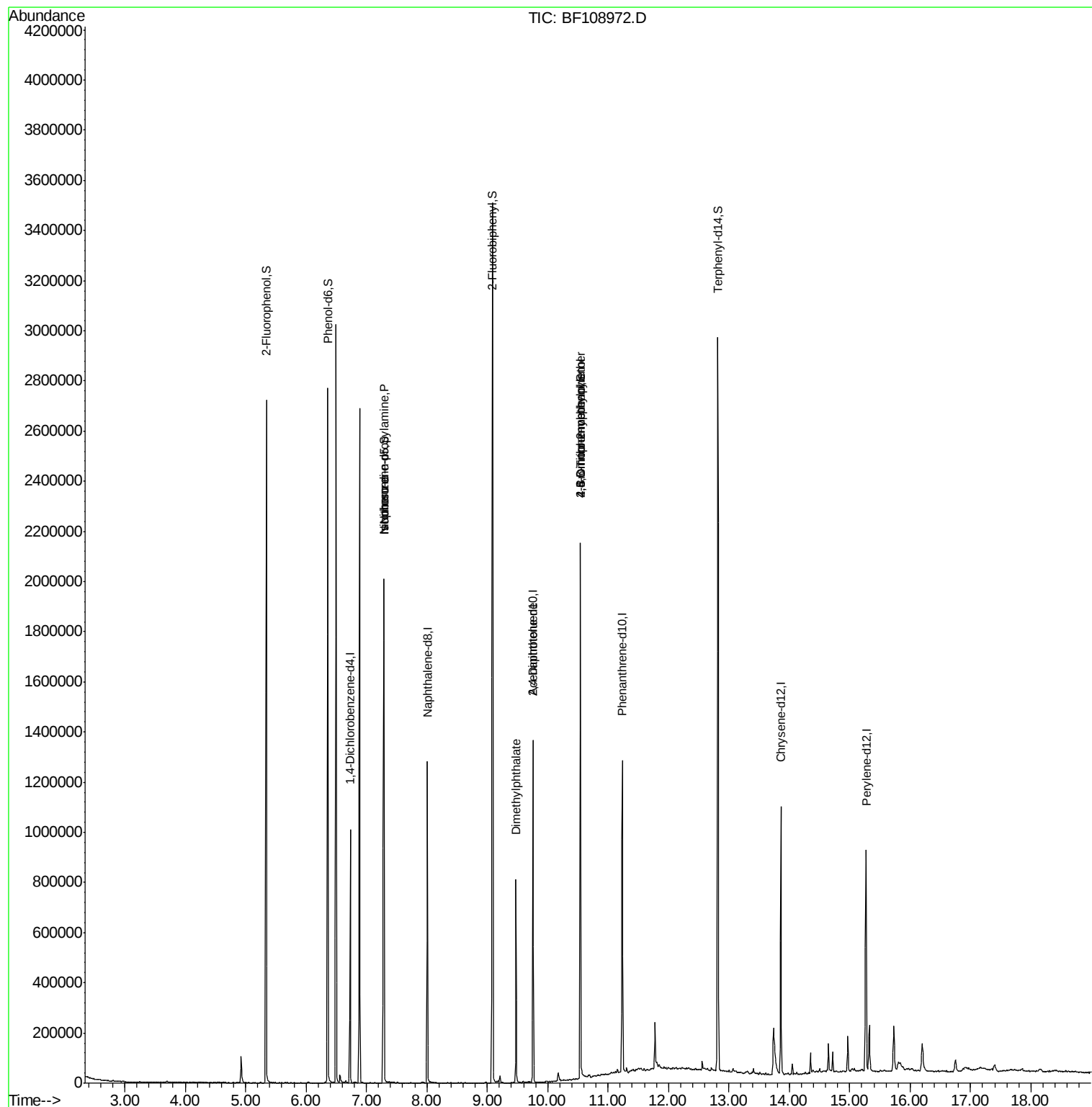
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	147600	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	552400	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	247200	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	426033	20.00	ng	0.00
75) Chrysene-d12	13.86	240	340710	20.00	ng	0.00
86) Perylene-d12	15.27	264	402034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	856388	96.12	ng	0.00
7) Phenol-d6	6.36	99	1087443	94.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	683808	77.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	250600	106.19	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1205863	83.22	ng	0.00
78) Terphenyl-d14	12.82	244	983998	67.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	91639	11.500	ng	# 77
25) Isophorone	7.29	82	679320	38.582	ng	# 64
49) Dimethylphthalate	9.48	163	283587	16.402	ng	# 99
56) 2,4-Dinitrotoluene	9.76	165	32416	7.694	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	459	7.103	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	15416	3.204	ng	# 1

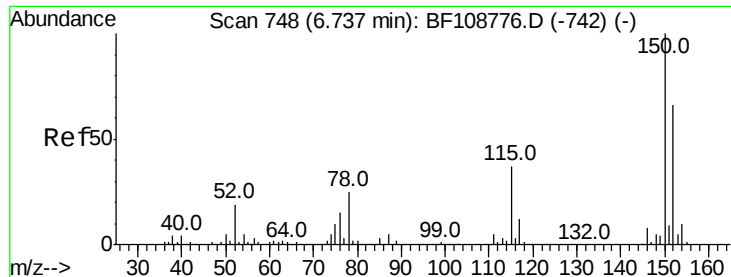
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108972.D
Acq On : 13 Sep 2018 18:49
Operator : JU/SJ
Sample : J4873-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 14 01:57:23 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



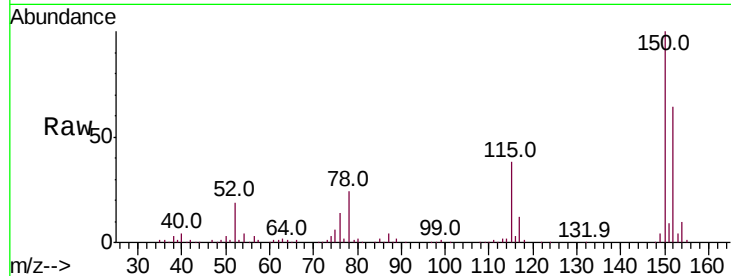


#1

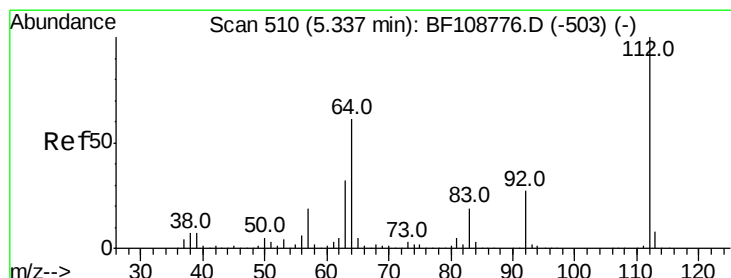
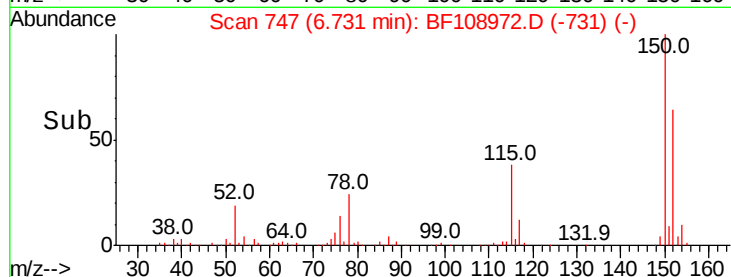
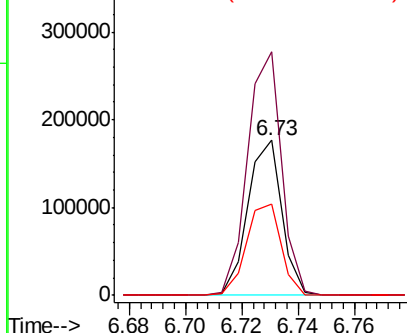
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108972.D
Acq: 13 Sep 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147600
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 59.0 50.1 75.1



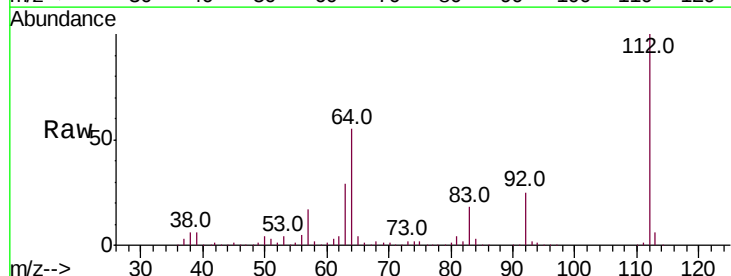
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



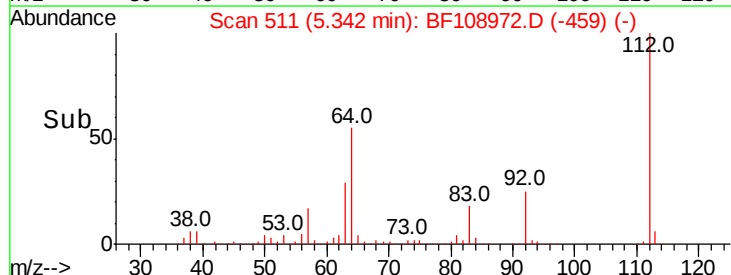
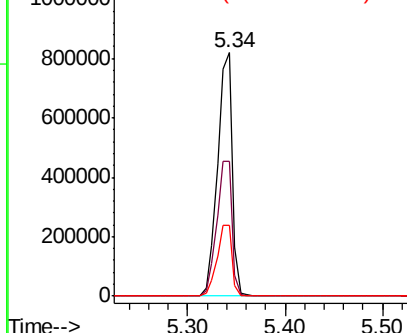
#5

2-Fluorophenol
Concen: 96.121 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108972.D
Acq: 13 Sep 2018 18:49

Tgt Ion:112 Resp: 856388
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 28.8 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: 94.862 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

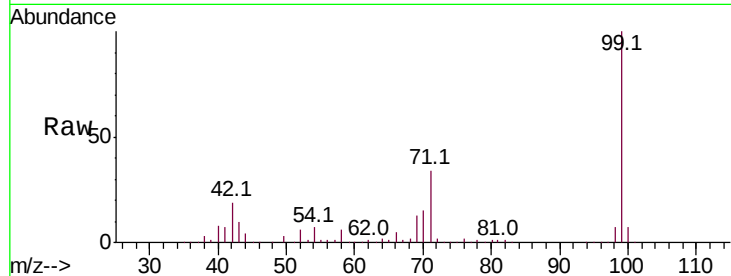
Tot Ion: 99 Resp: 1087443

Ion Ratio Lower Upper

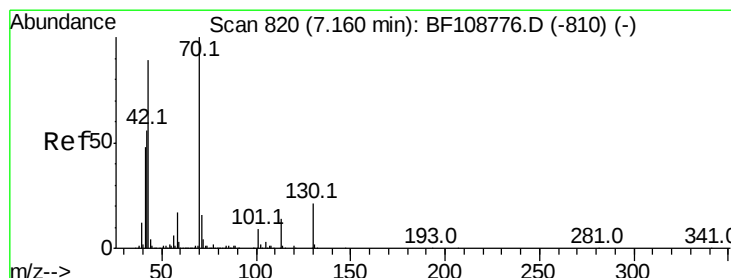
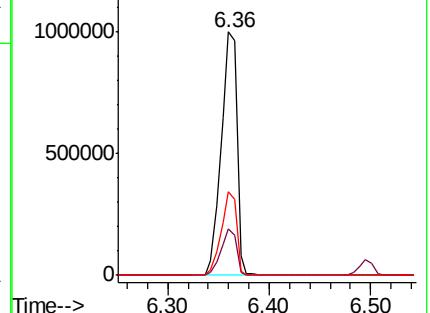
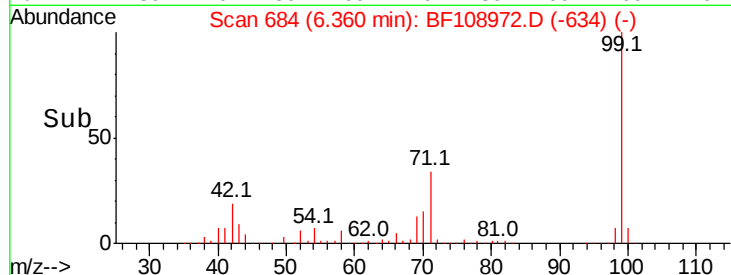
99 100

42 19.1 14.5 21.7

71 34.2 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: 11.500 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

Tgt Ion: 70 Resp: 91639

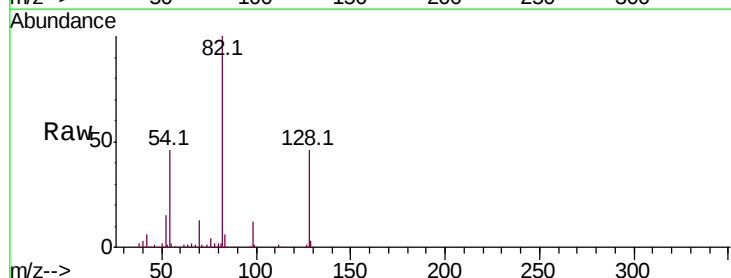
Ion Ratio Lower Upper

70 100

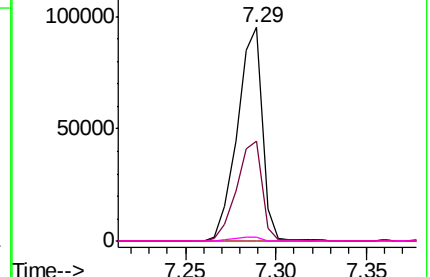
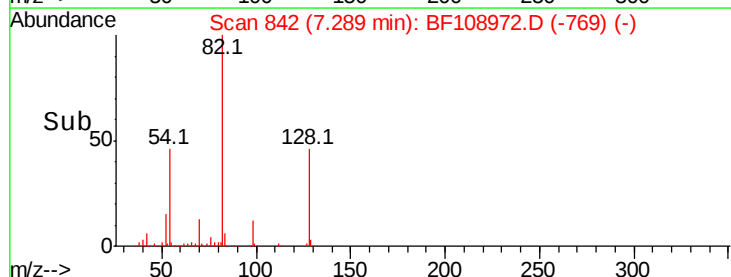
42 46.6 47.5 71.3#

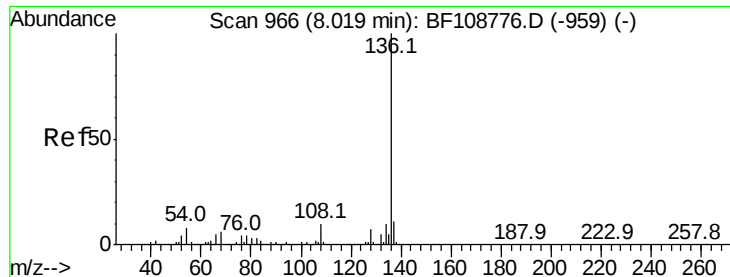
101 0.0 7.4 11.2#

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

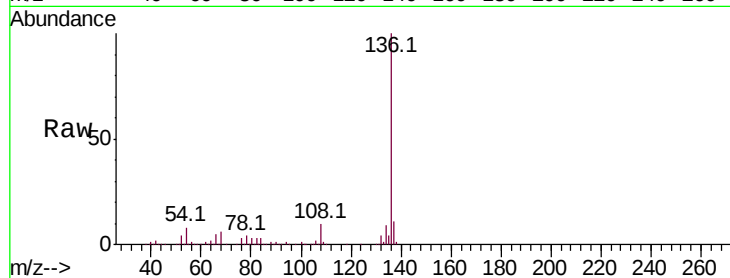




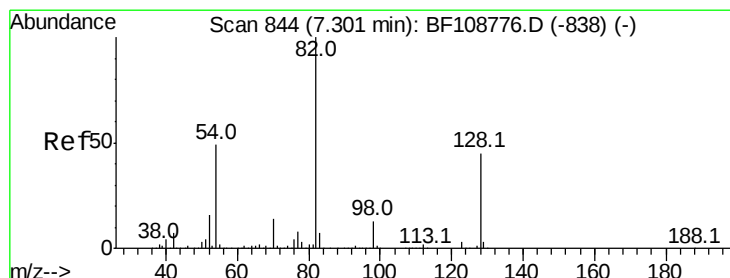
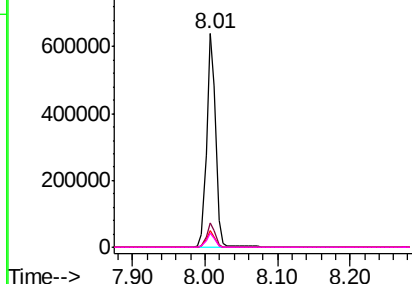
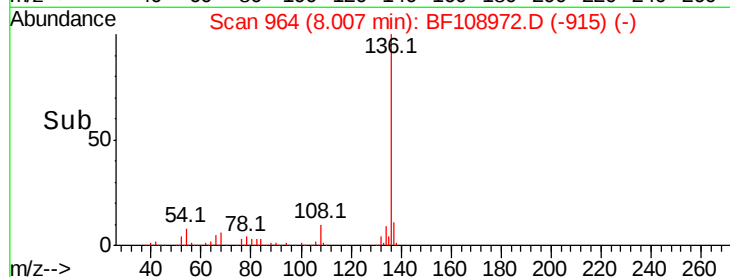
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108972.D
Acq: 13 Sep 2018 18:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	552400
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.6	6.6 9.8
68	6.4	5.0 7.4

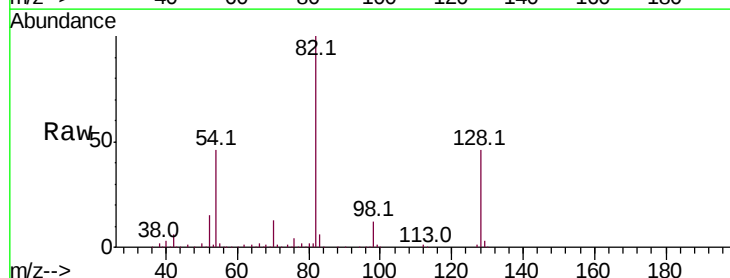


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

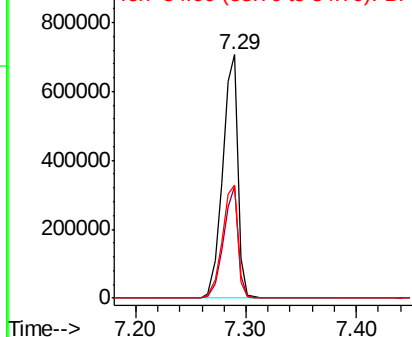
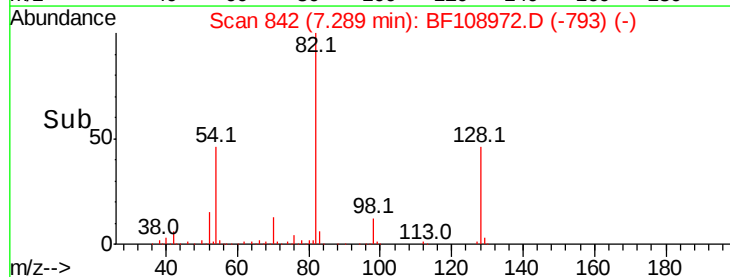


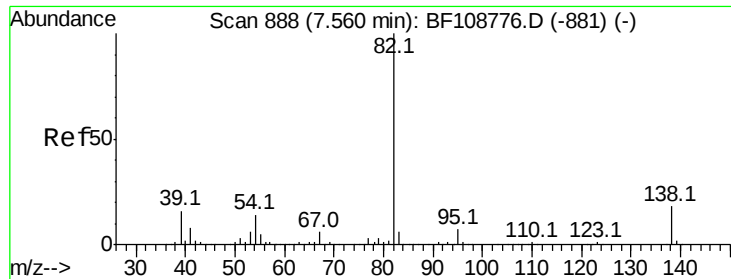
#23
Nitrobenzene-d5
Concen: 77.468 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108972.D
Acq: 13 Sep 2018 18:49

Tgt Ion: 82	Resp:	683808
Ion Ratio	Lower	Upper
82	100	
128	46.1	36.1 54.1
54	46.3	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: 38.582 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

Instrument :

BNA_F

ClientSampled :

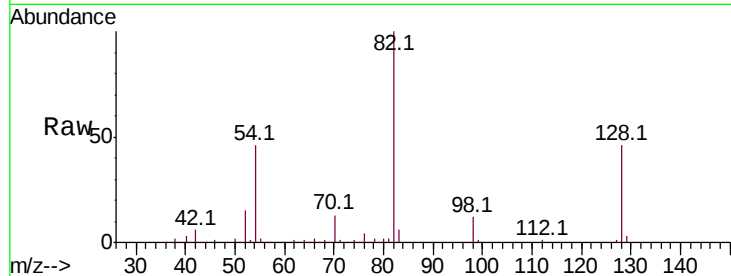
Tot Ion: 82 Resp: 679320

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

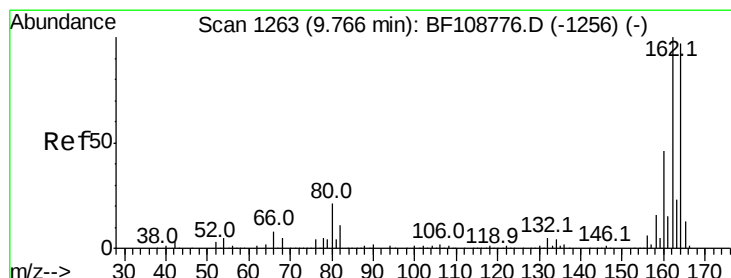
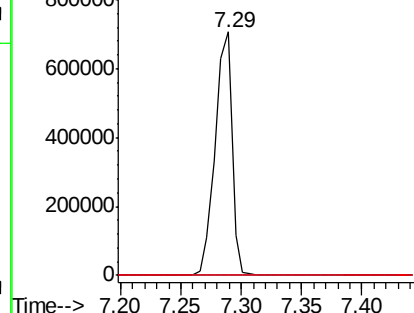
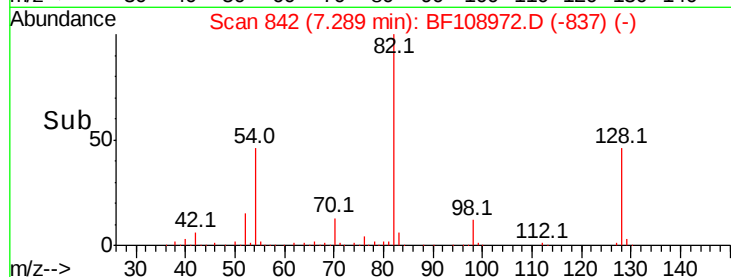
138 0.0 14.9 22.3#



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: BF108972.D

Acq: 13 Sep 2018 18:49

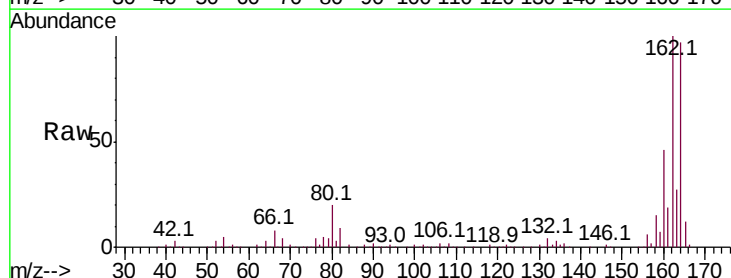
Tgt Ion: 164 Resp: 247200

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

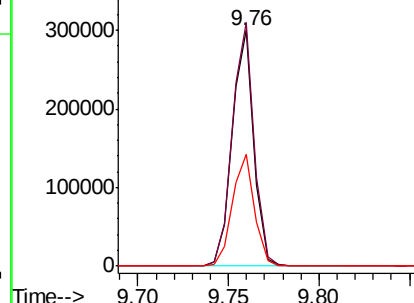
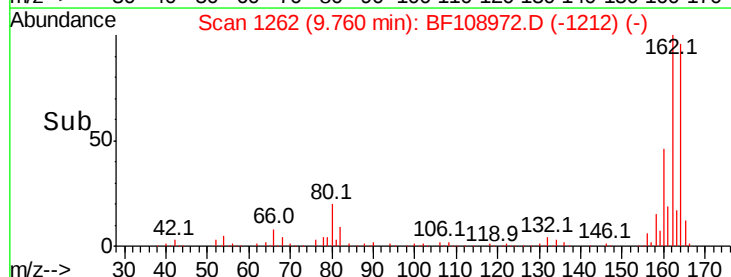
160 47.5 38.3 57.5

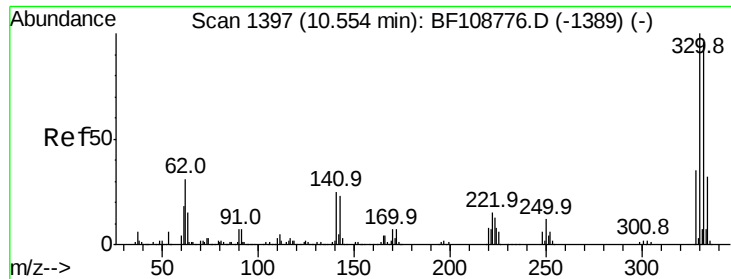


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

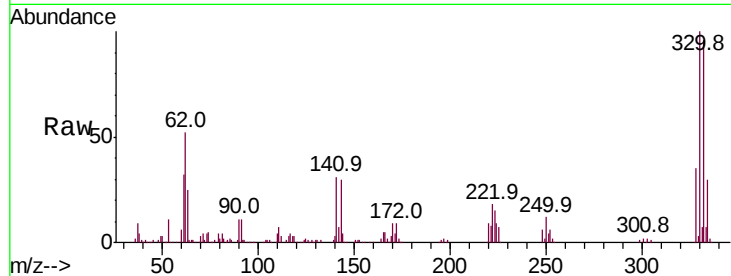




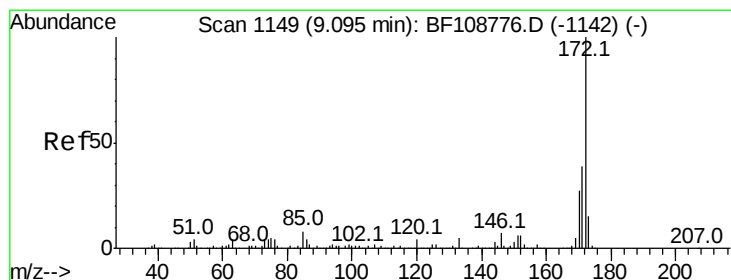
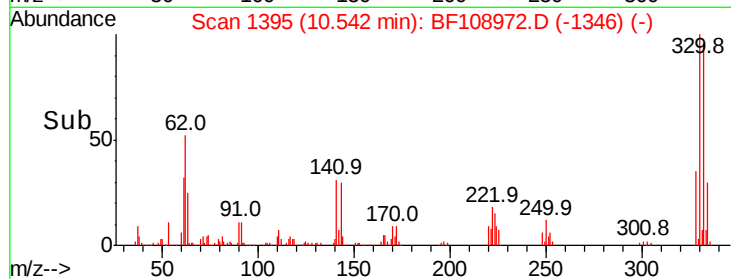
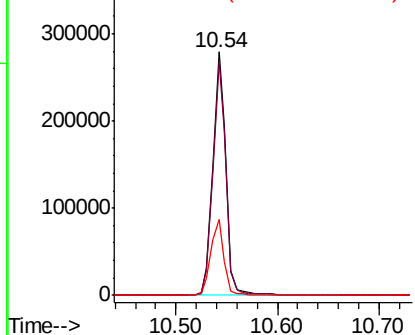
#41
 2,4,6-Tribromophenol
 Concen: 106.191 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.4	29.9	44.9

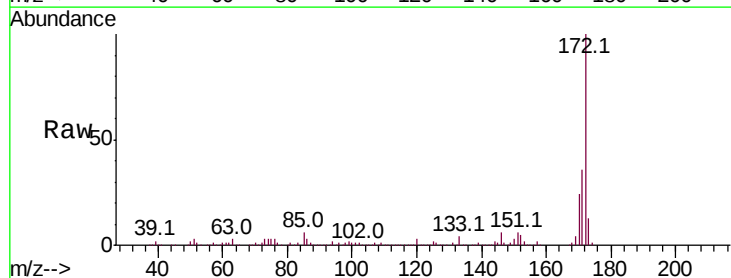


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

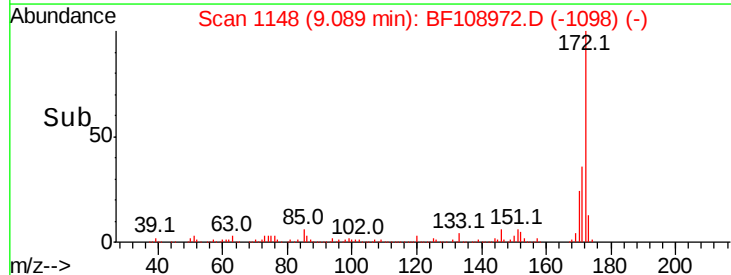
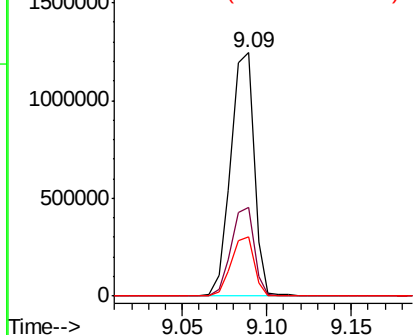


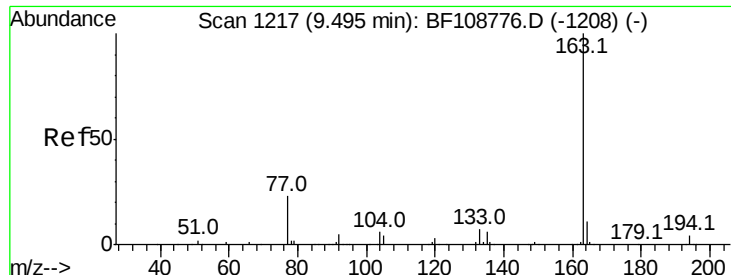
#44
 2-Fluorobiphenyl
 Concen: 83.219 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	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: 16.402 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

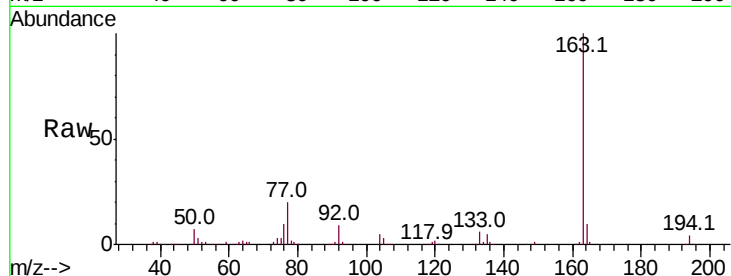
Tot Ion:163 Resp: 283587

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

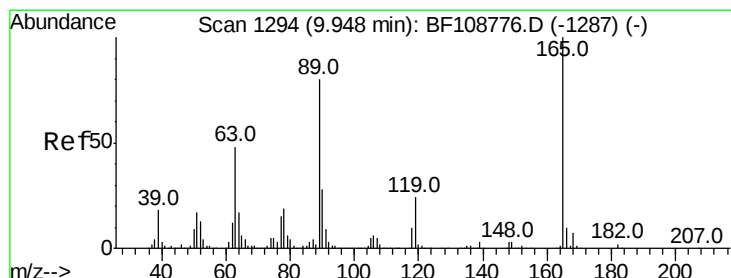
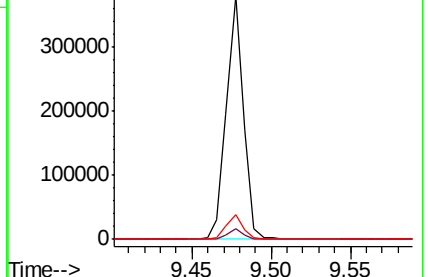
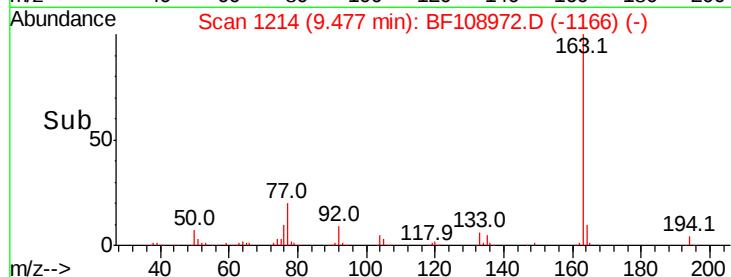
164 10.0 8.2 12.2



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: 7.694 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.19 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

Tgt Ion:165 Resp: 32416

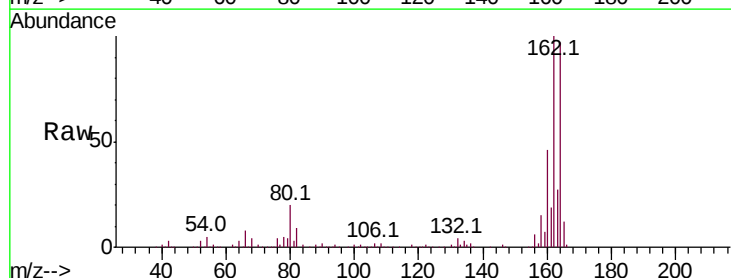
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

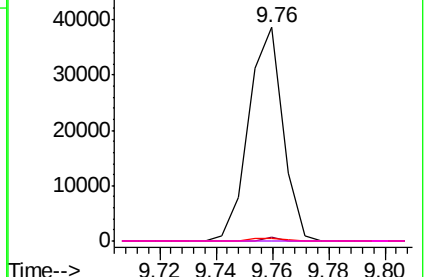
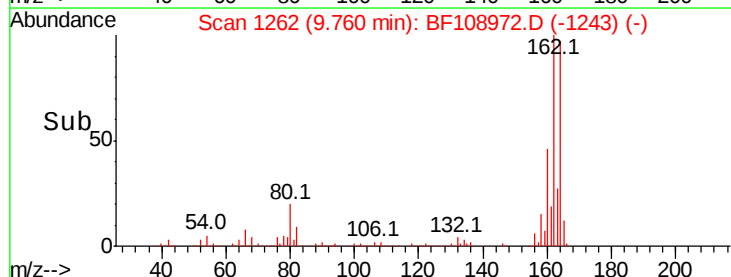


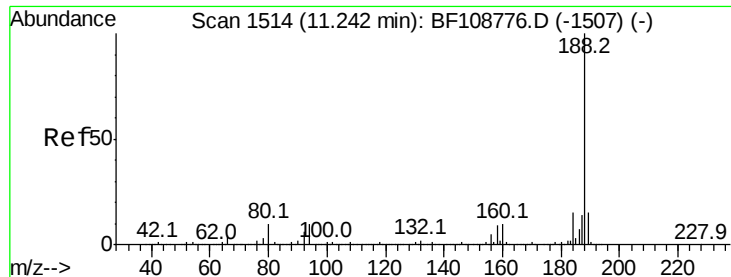
Abundance Ion 165.00 (164.70 to 165.70): E

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

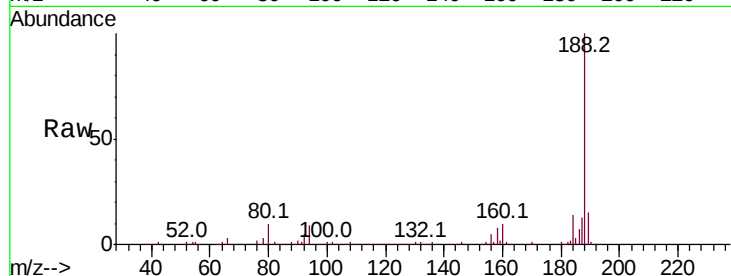




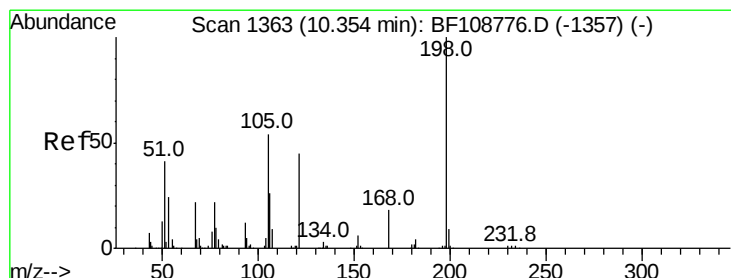
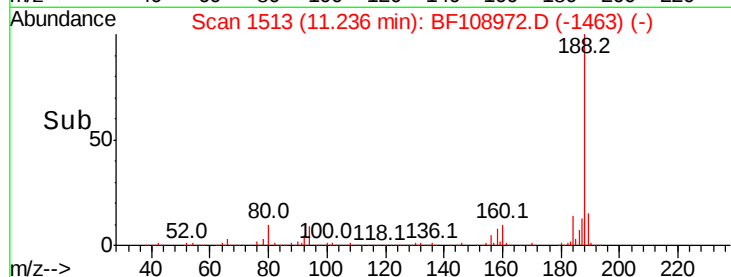
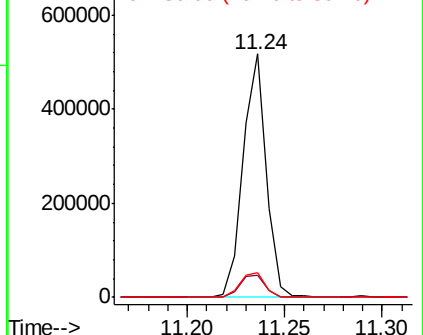
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108972.D
Acq: 13 Sep 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 426033
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 9.2 13.8

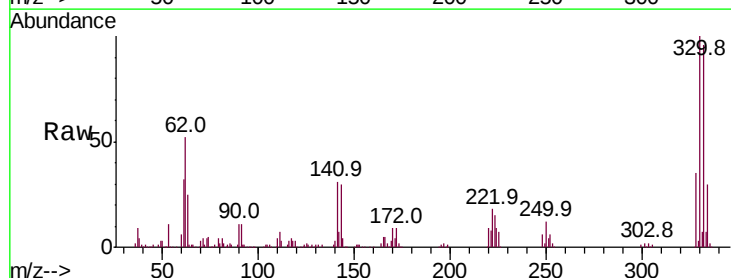


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

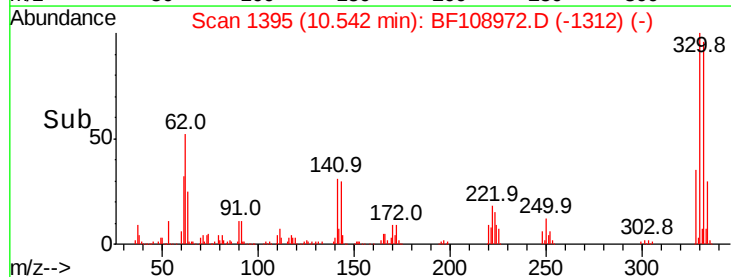
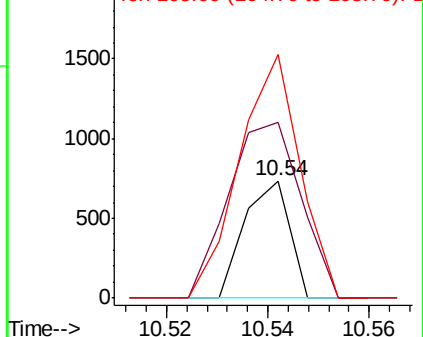


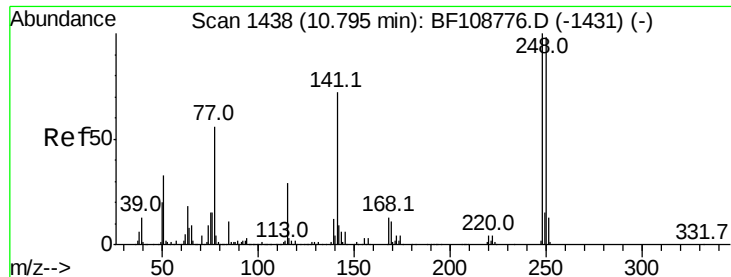
#64
4,6-Dinitro-2-methylphenol
Concen: 7.103 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108972.D
Acq: 13 Sep 2018 18:49

Tgt Ion:198 Resp: 459
Ion Ratio Lower Upper
198 100
51 150.1 37.7 77.7#
105 208.0 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

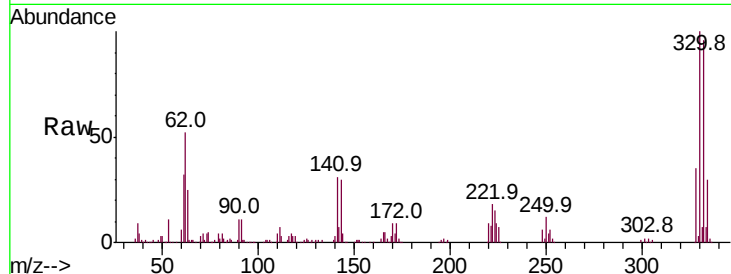




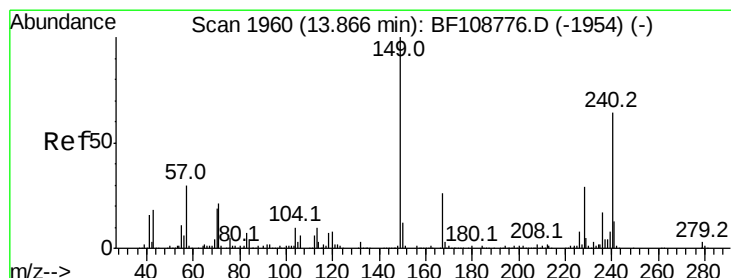
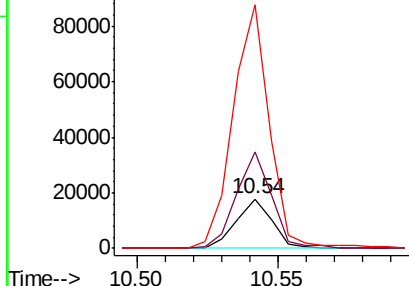
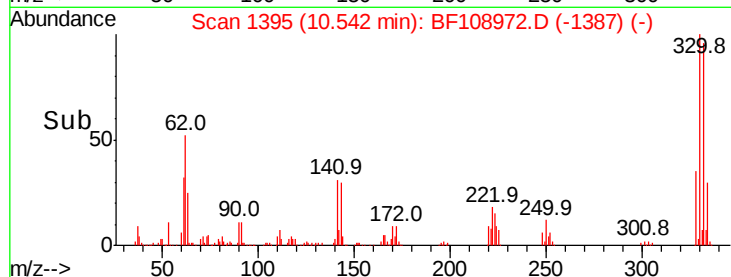
#66
 4-Bromophenyl-phenylether
 Concen: 3.204 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.25 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15416
 Ion Ratio Lower Upper
 248 100
 250 195.6 76.9 115.3#
 141 492.9 74.4 111.6#

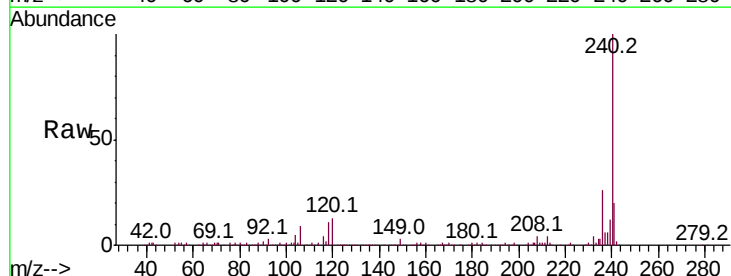


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

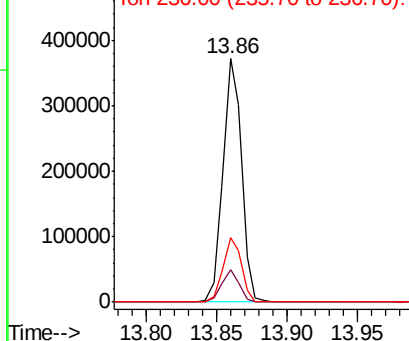
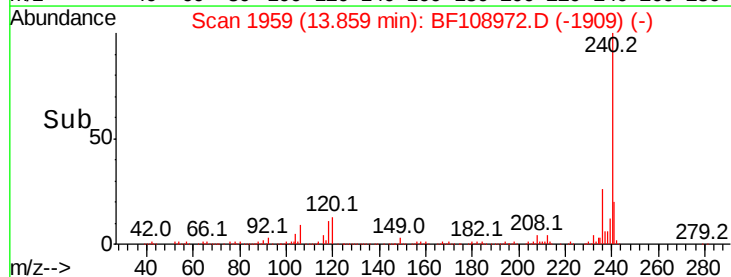


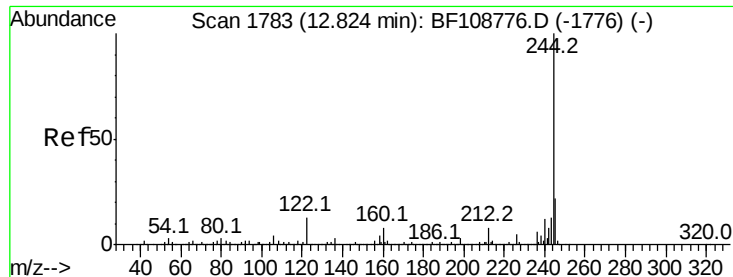
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Tgt Ion:240 Resp: 340710
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 26.3 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

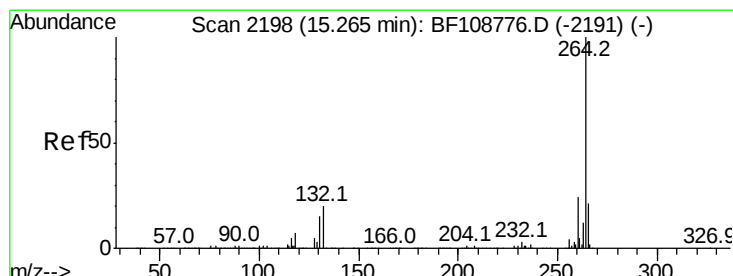
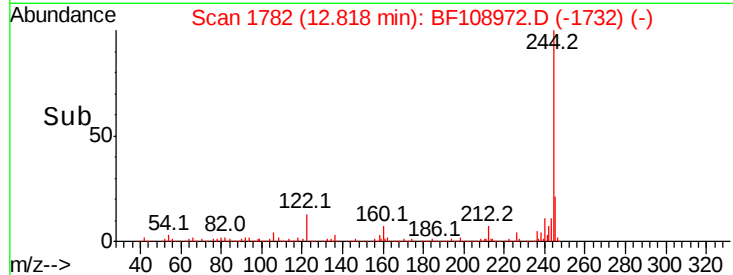
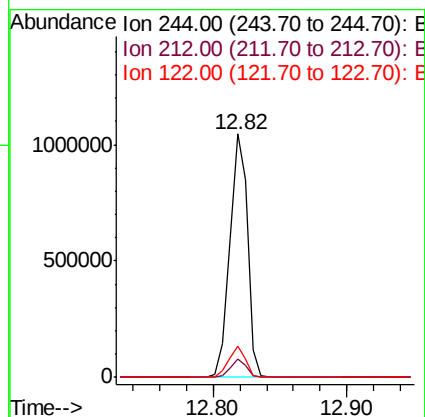
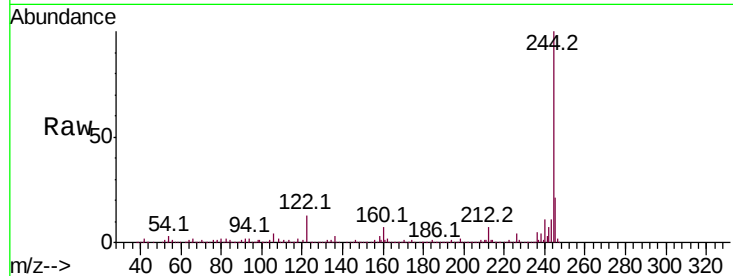




#78
 Terphenyl-d14
 Concen: 67.347 ng
 RT: 12.82 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 983998
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Tgt Ion:264 Resp: 402034
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.0 17.5 26.3

