

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108971.D
 Acq On : 13 Sep 2018 18:22
 Operator : JU/SJ
 Sample : J4873-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:57:14 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

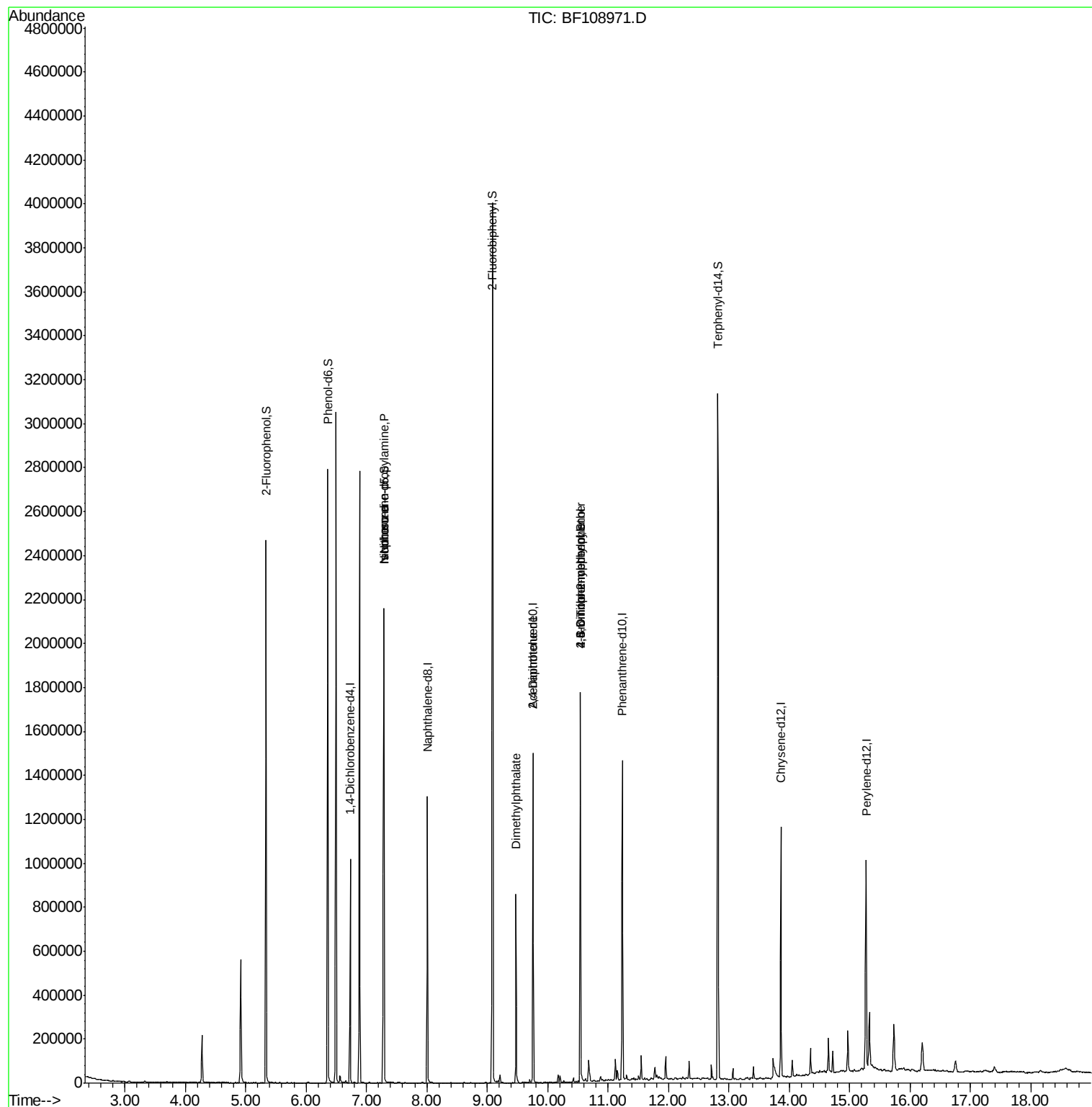
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	151115	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	572064	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	272277	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	478632	20.00	ng	0.00
75) Chrysene-d12	13.86	240	375539	20.00	ng	0.00
86) Perylene-d12	15.27	264	413475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	745896	81.77	ng	0.00
7) Phenol-d6	6.36	99	1101328	93.84	ng	0.00
23) Nitrobenzene-d5	7.29	82	724969	79.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	201494	77.52	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1291418	80.92	ng	0.00
78) Terphenyl-d14	12.82	244	1111397	69.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	98101	12.025	ng	# 75
25) Isophorone	7.29	82	721977	39.596	ng	# 64
49) Dimethylphthalate	9.48	163	301009	15.806	ng	# 99
56) 2,4-Dinitrotoluene	9.76	165	34855	7.511	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	313	7.011	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	11955	2.211	ng	# 1

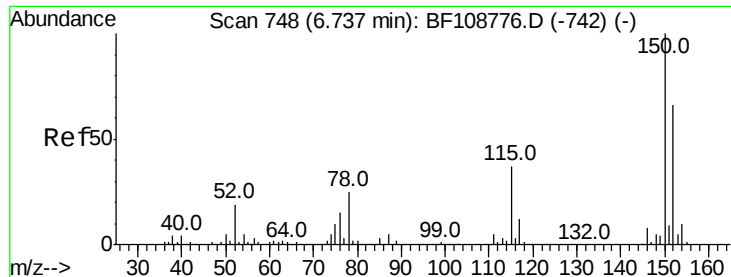
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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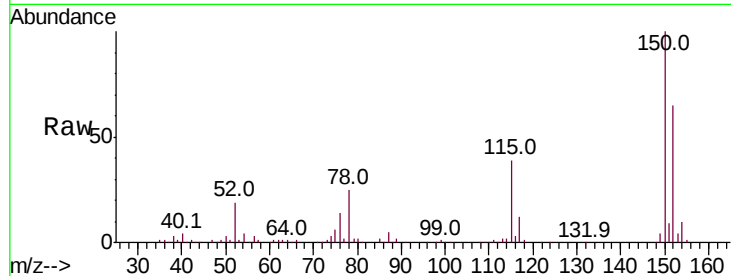


#1

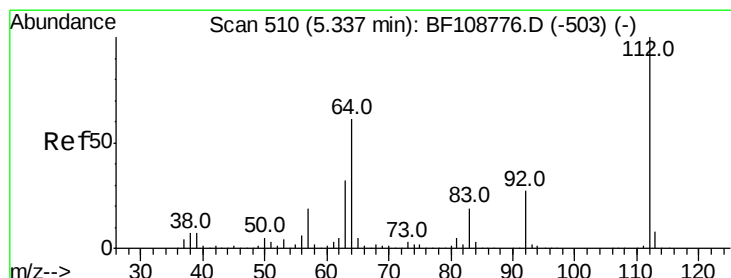
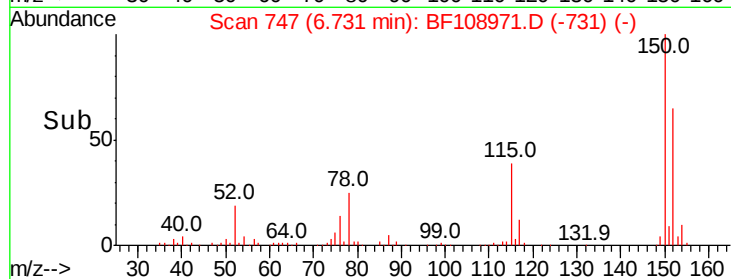
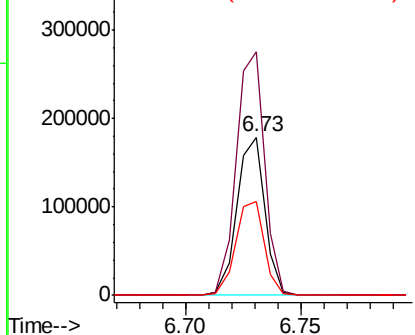
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.4	50.1	75.1



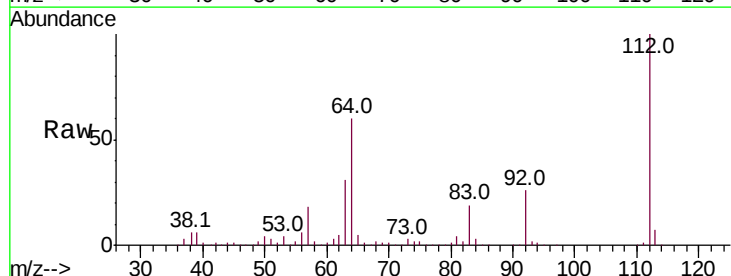
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



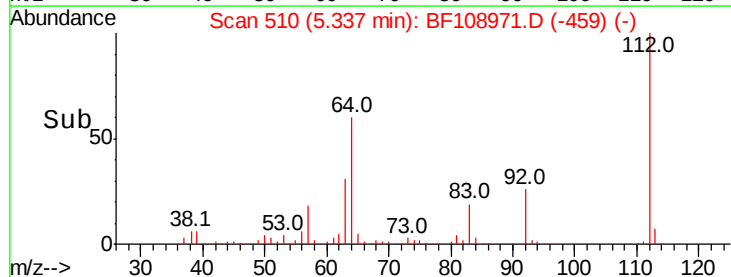
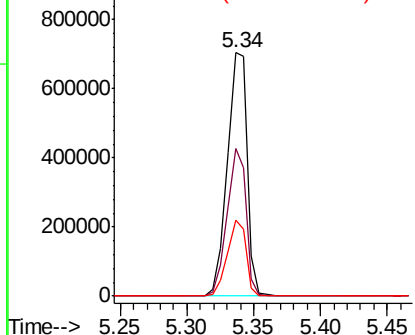
#5

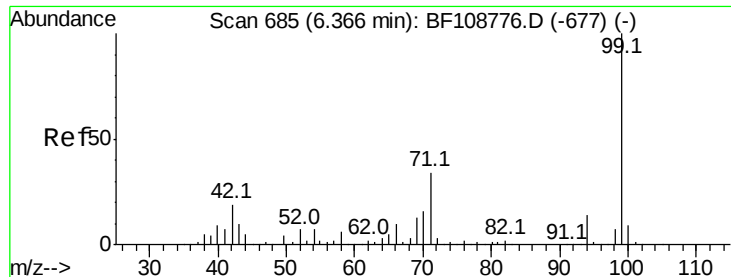
2-Fluorophenol
Concen: 81.772 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.0	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: 93.839 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

Instrument :

BNA_F

ClientSampled :

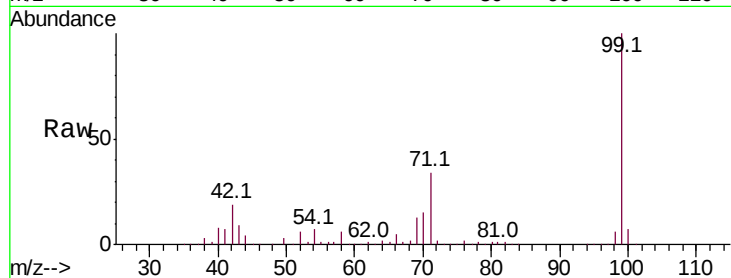
Tot Ion: 99 Resp: 1101328

Ion Ratio Lower Upper

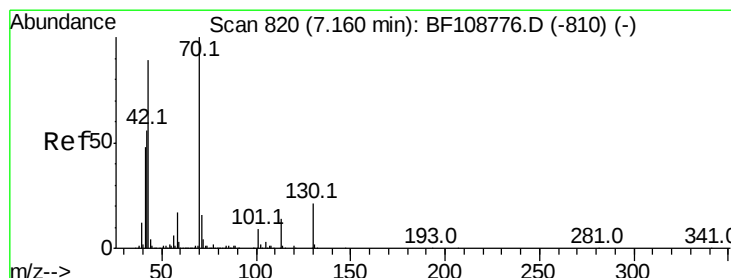
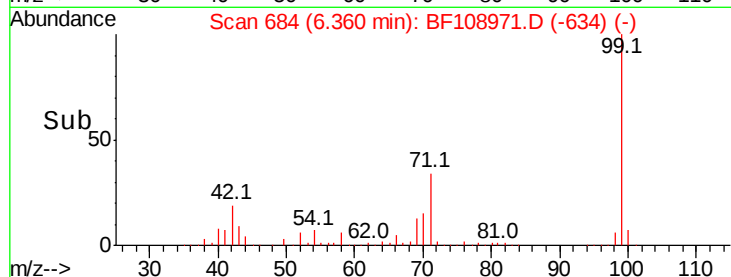
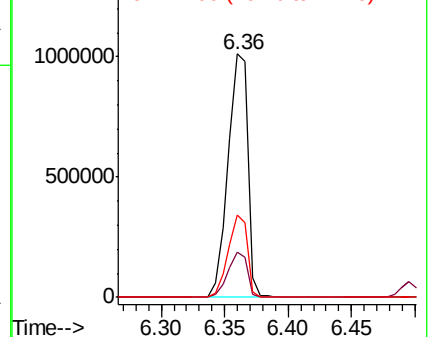
99 100

42 18.7 14.5 21.7

71 34.1 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: 12.025 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

Tgt Ion: 70 Resp: 98101

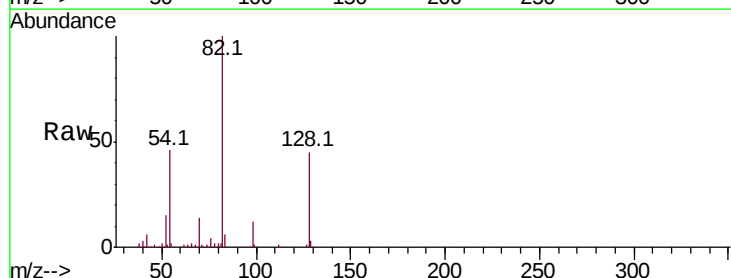
Ion Ratio Lower Upper

70 100

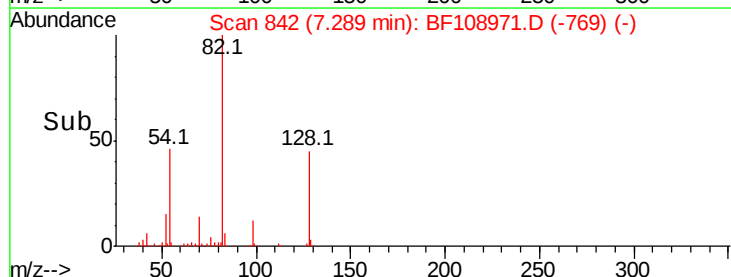
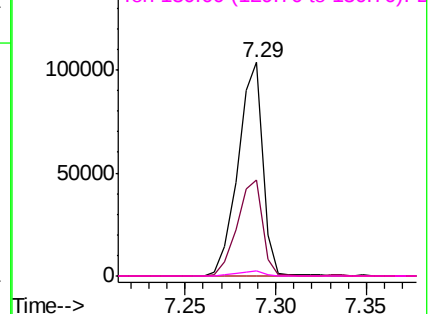
42 44.7 47.5 71.3#

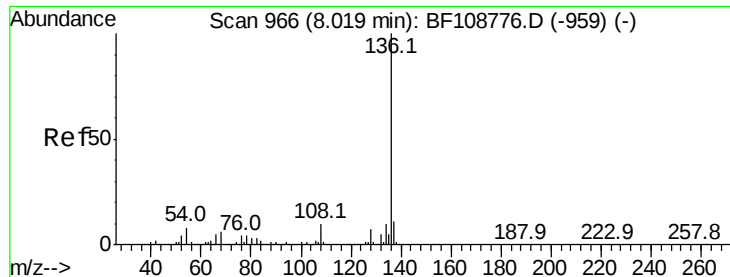
101 0.0 7.4 11.2#

130 2.4 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: BF108971.D

Acq: 13 Sep 2018 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 572064

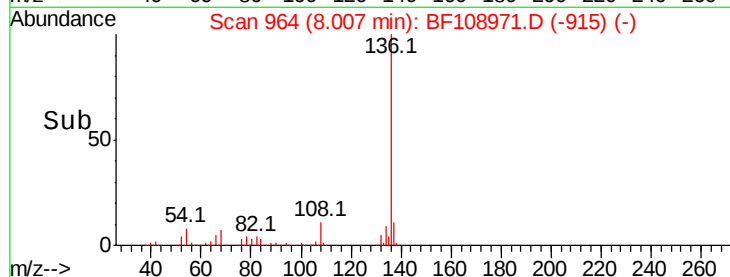
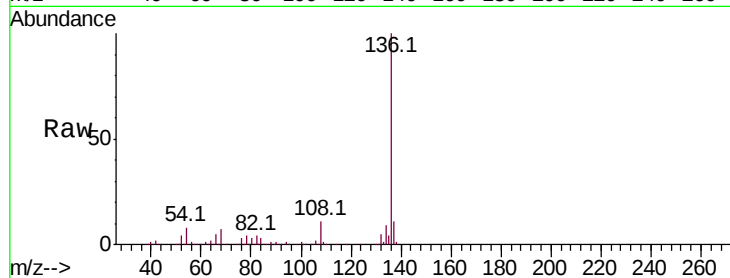
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 6.6 9.8

68 6.7 5.0 7.4

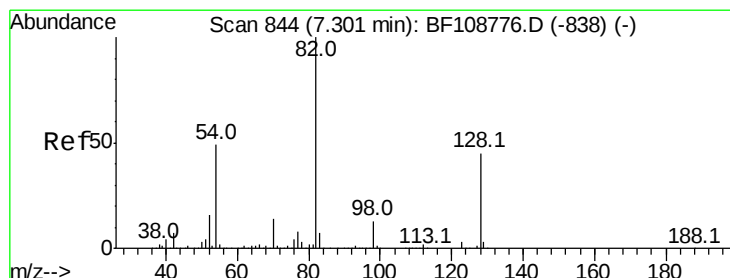
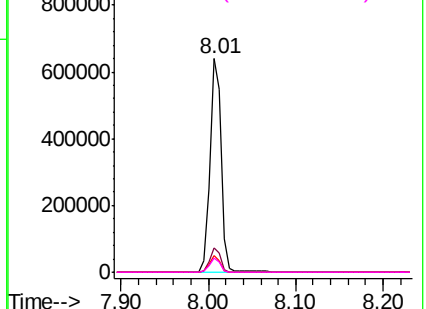


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.308 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

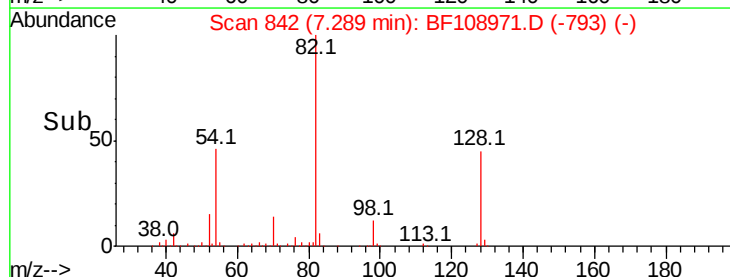
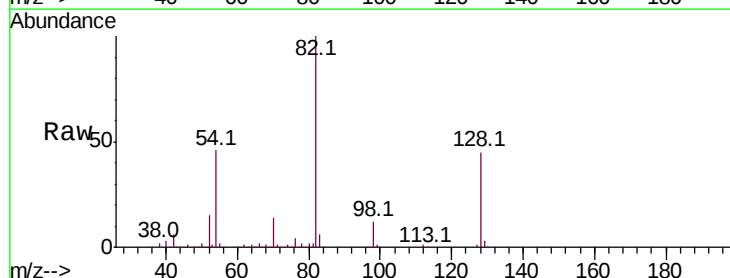
Tgt Ion: 82 Resp: 724969

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

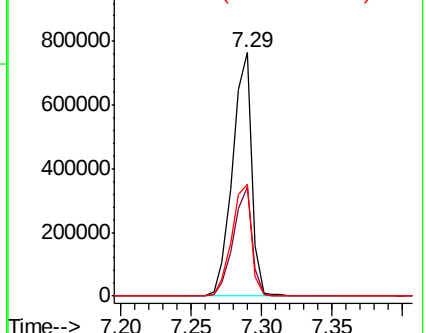
54 46.1 41.4 62.2

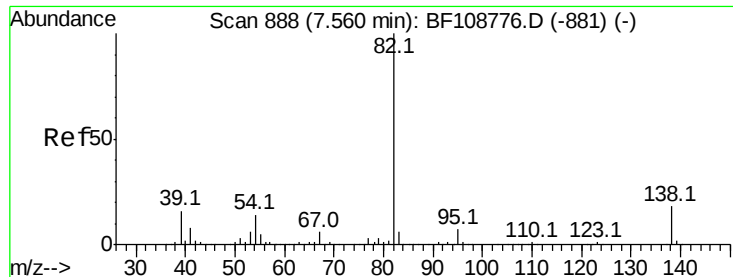


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.596 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

Instrument :

BNA_F

ClientSampleId :

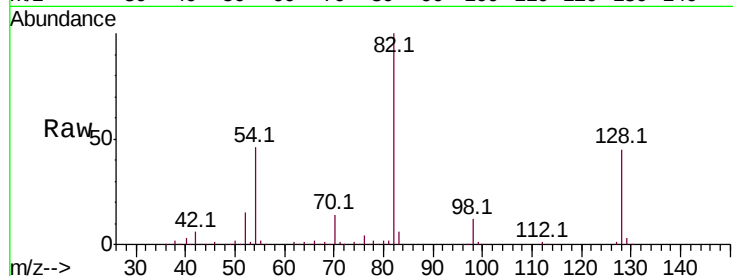
Tot Ion: 82 Resp: 721977

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

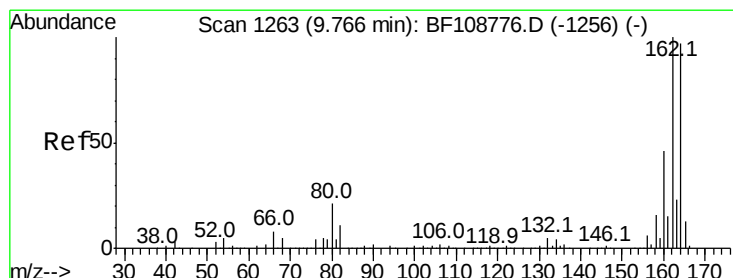
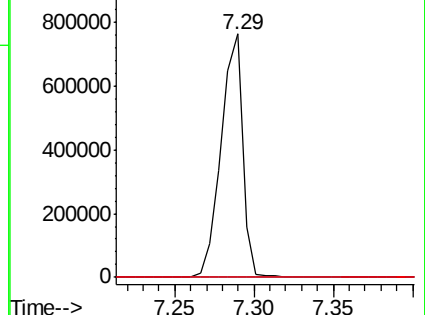
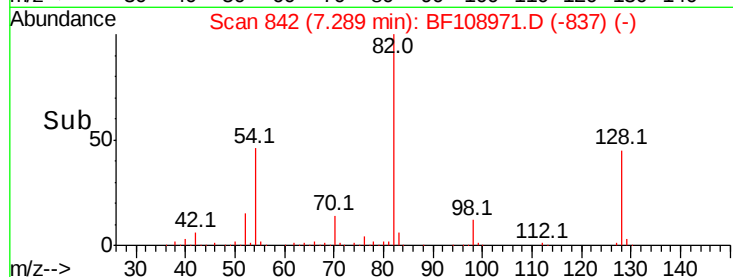
138 0.0 14.9 22.3#



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: BF108971.D

Acq: 13 Sep 2018 18:22

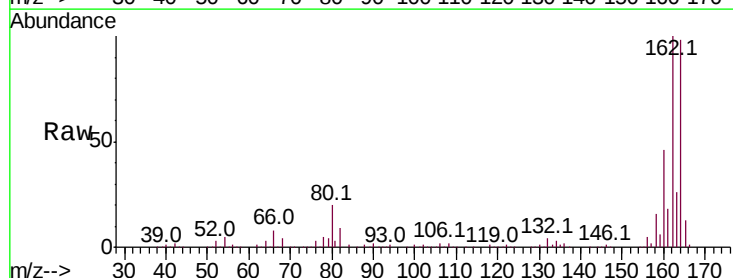
Tgt Ion:164 Resp: 272277

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

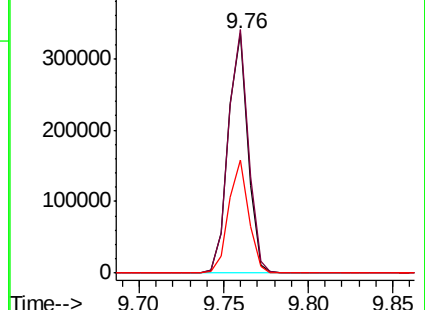
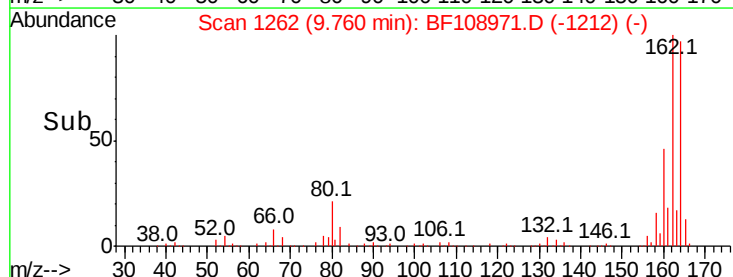
160 47.0 38.3 57.5

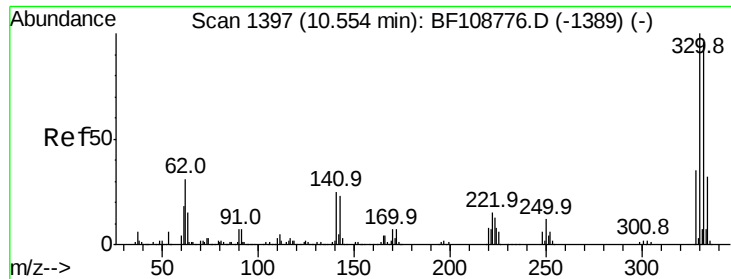


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

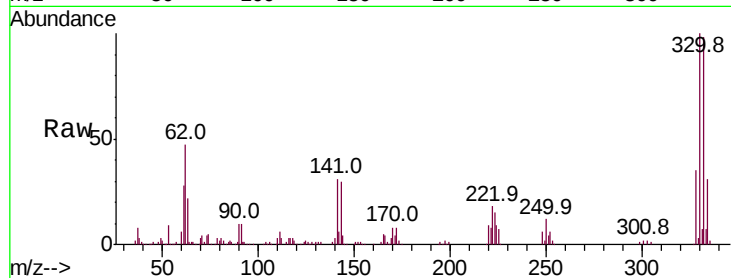




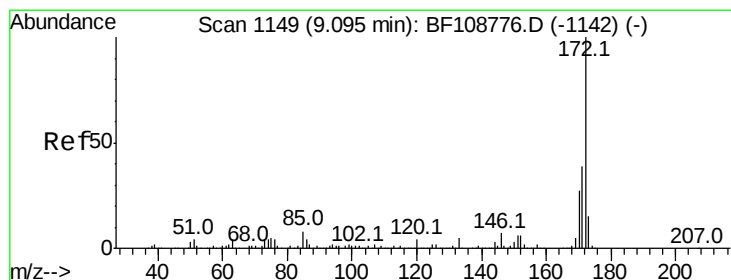
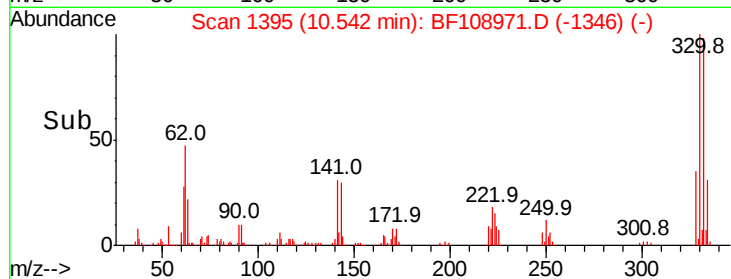
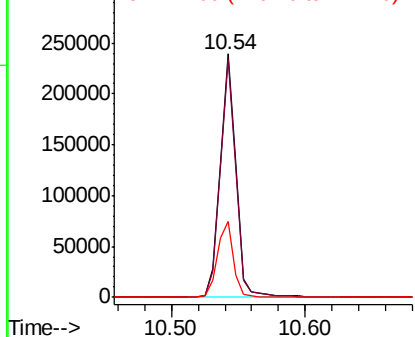
#41
 2,4,6-Tribromophenol
 Concen: 77.519 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108971.D
 Acq: 13 Sep 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	32.1	29.9	44.9

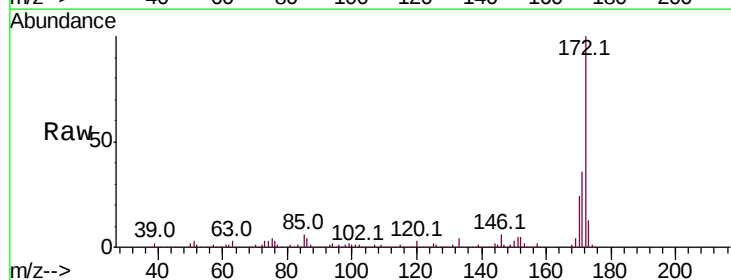


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

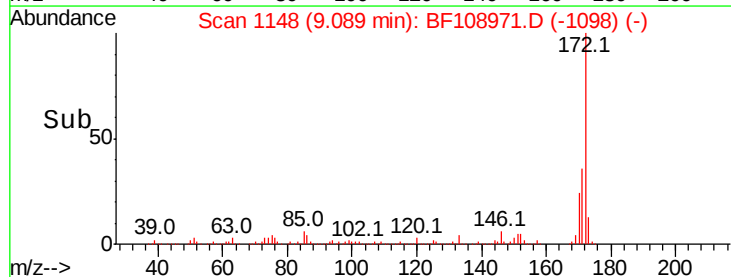
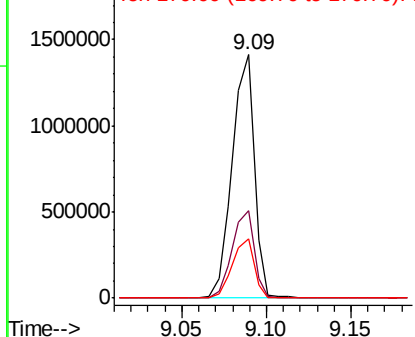


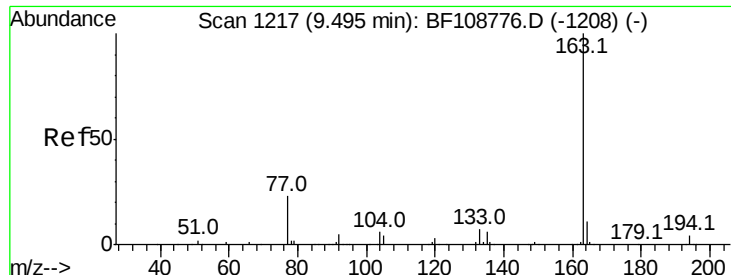
#44
 2-Fluorobiphenyl
 Concen: 80.915 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108971.D
 Acq: 13 Sep 2018 18:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

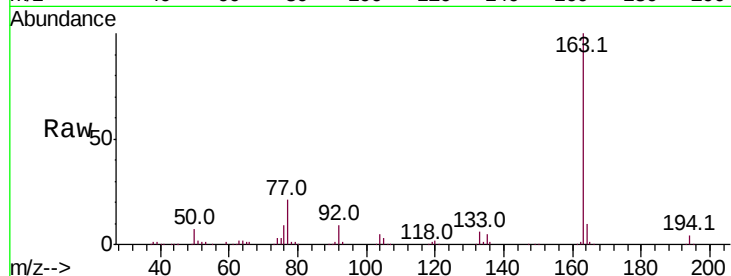




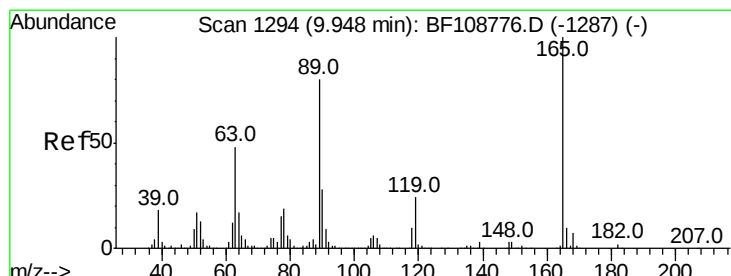
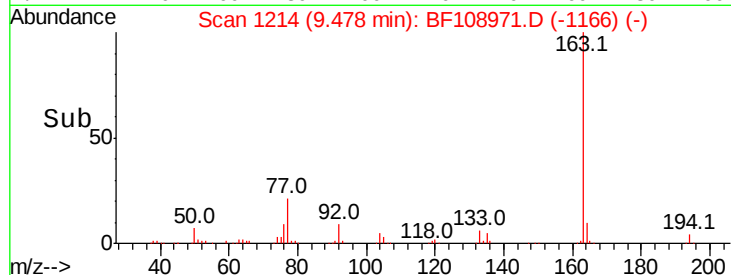
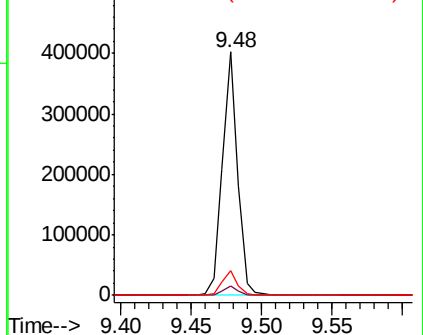
#49
Dimethylphthalate
Concen: 15.806 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 301009
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2

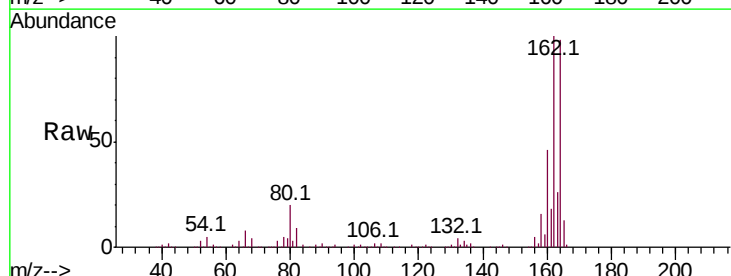


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

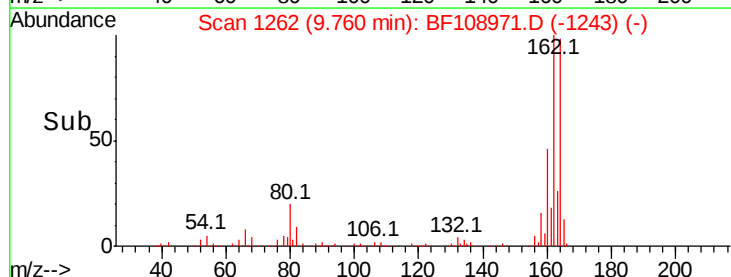
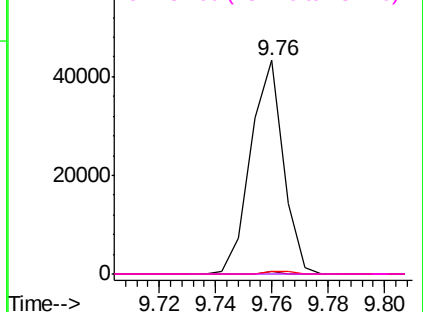


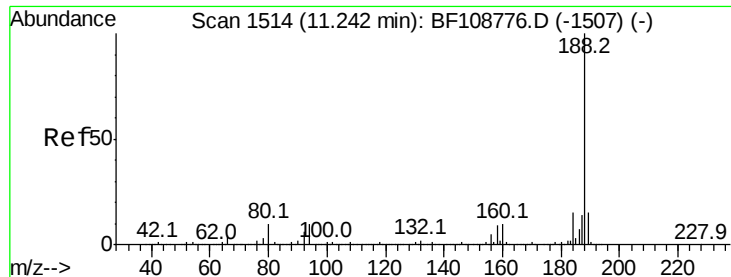
#56
2,4-Dinitrotoluene
Concen: 7.511 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.19 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Tgt Ion:165 Resp: 34855
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.4 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

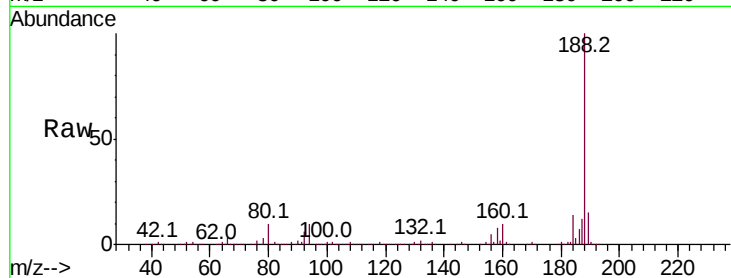




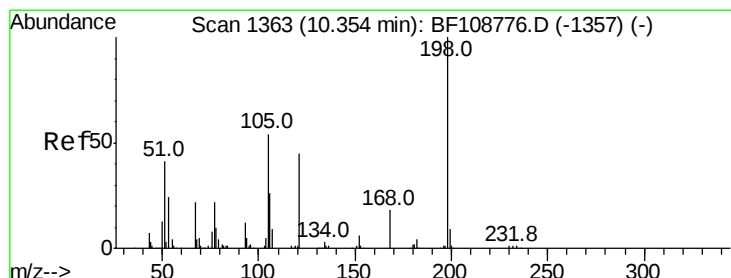
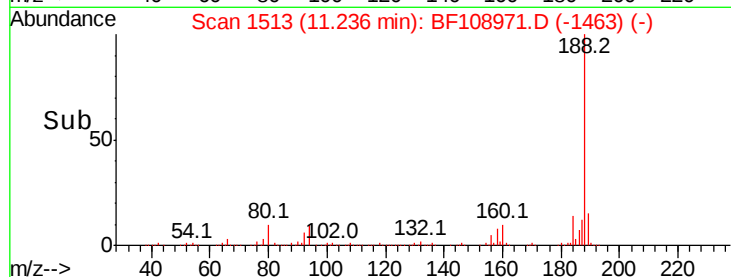
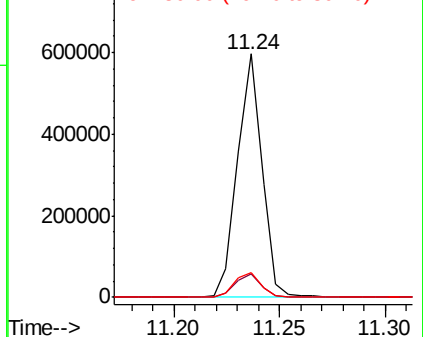
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108971.D
 Acq: 13 Sep 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 478632
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.3 9.2 13.8

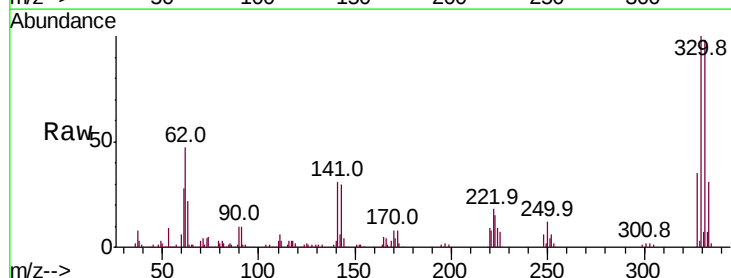


Abundance Ion 188.00 (187.70 to 188.70): E
 800000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

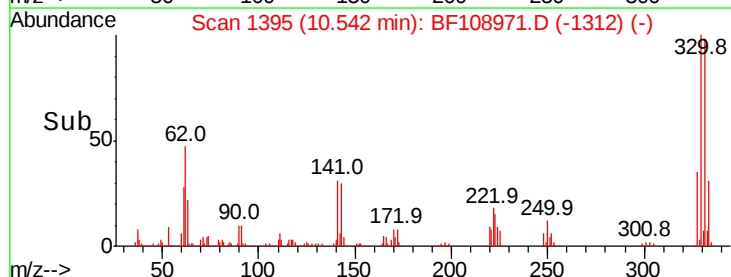
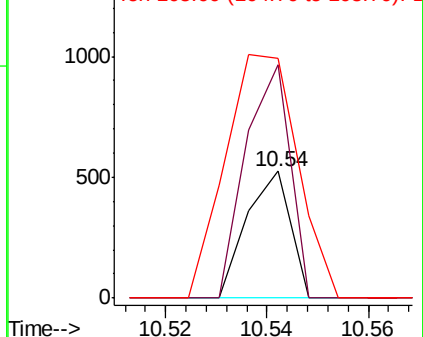


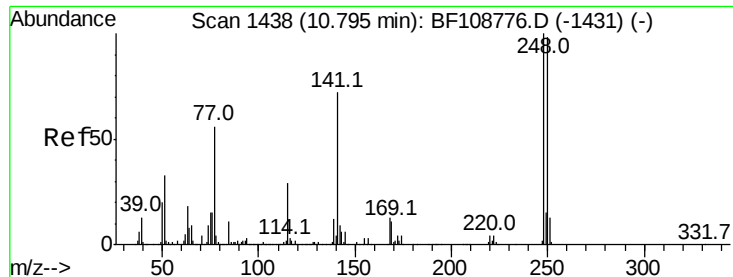
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.011 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.19 min
 Lab File: BF108971.D
 Acq: 13 Sep 2018 18:22

Tgt Ion:198 Resp: 313
 Ion Ratio Lower Upper
 198 100
 51 184.0 37.7 77.7#
 105 188.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 1000
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

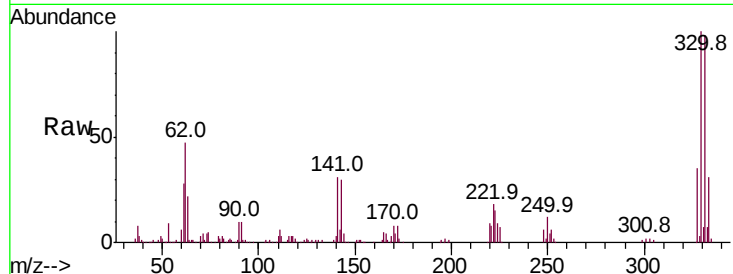




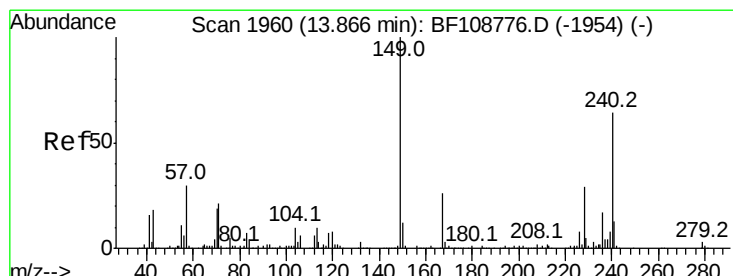
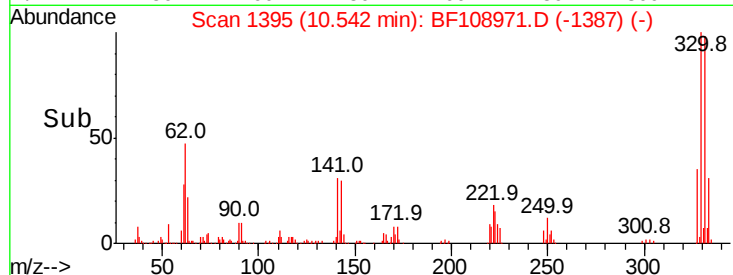
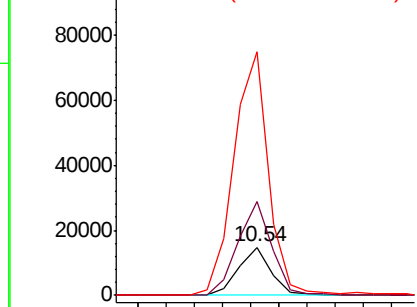
#66
4-Bromophenyl-phenylether
Concen: 2.211 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11955
Ion Ratio Lower Upper
248 100
250 193.9 76.9 115.3#
141 504.3 74.4 111.6#

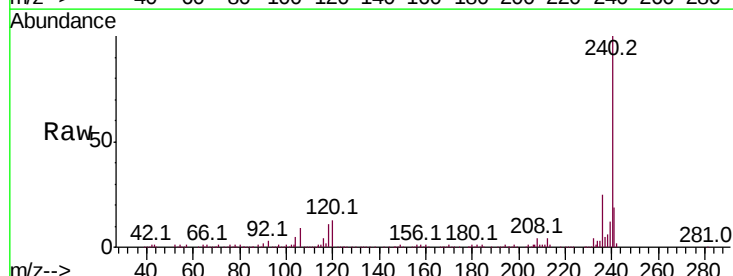


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

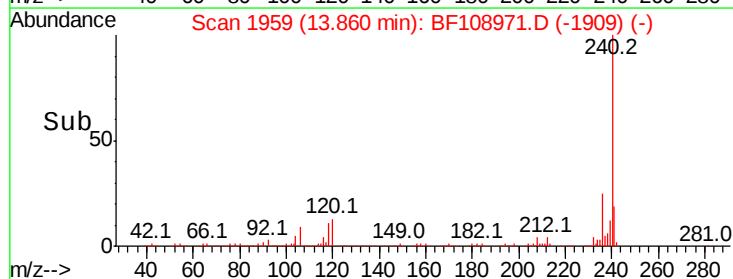
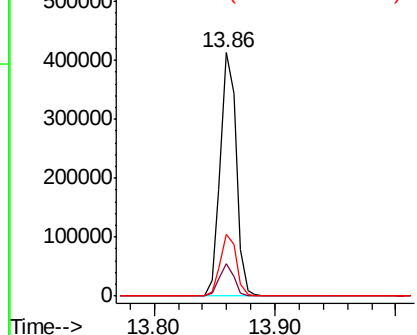


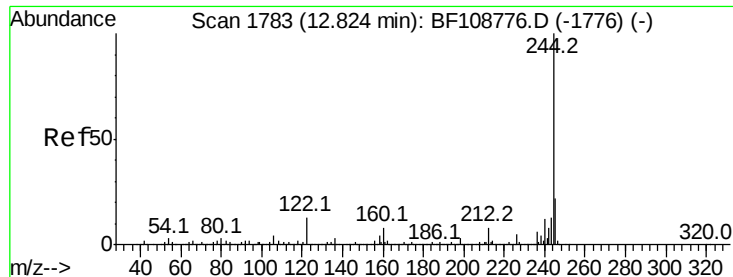
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Tgt Ion:240 Resp: 375539
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.3 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



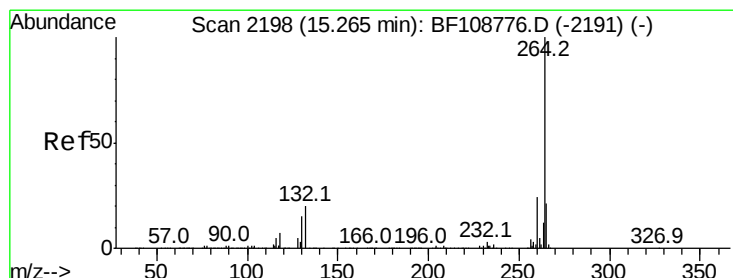
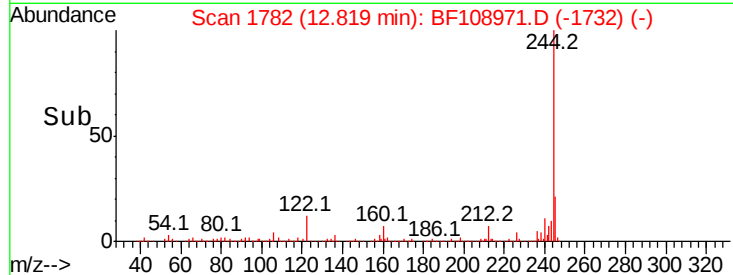
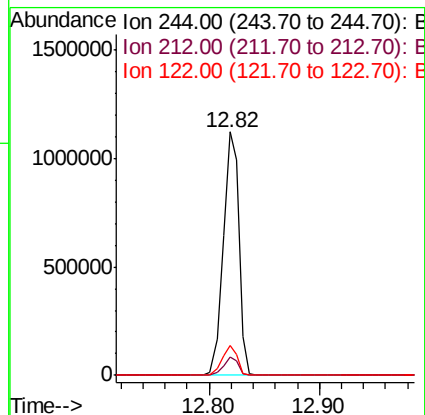
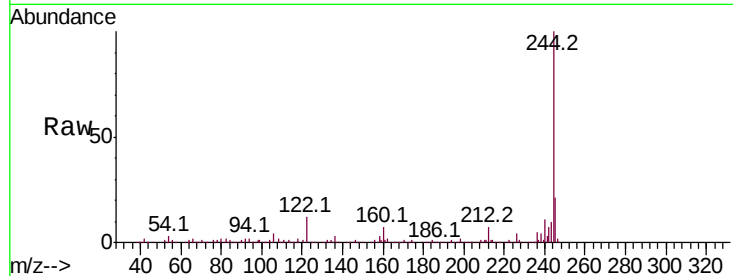


#78
 Terphenyl-d14
 Concen: 69.012 ng
 RT: 12.82 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BF108971.D
 Acq: 13 Sep 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1111397

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.3	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: BF108971.D
 Acq: 13 Sep 2018 18:22

Tgt Ion:264 Resp: 413475

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

