

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108826.D
 Acq On : 6 Sep 2018 16:34
 Operator : JU/SJ
 Sample : PB112638BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 17:09:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 06 16:49:25 2018
 Response via : Initial Calibration

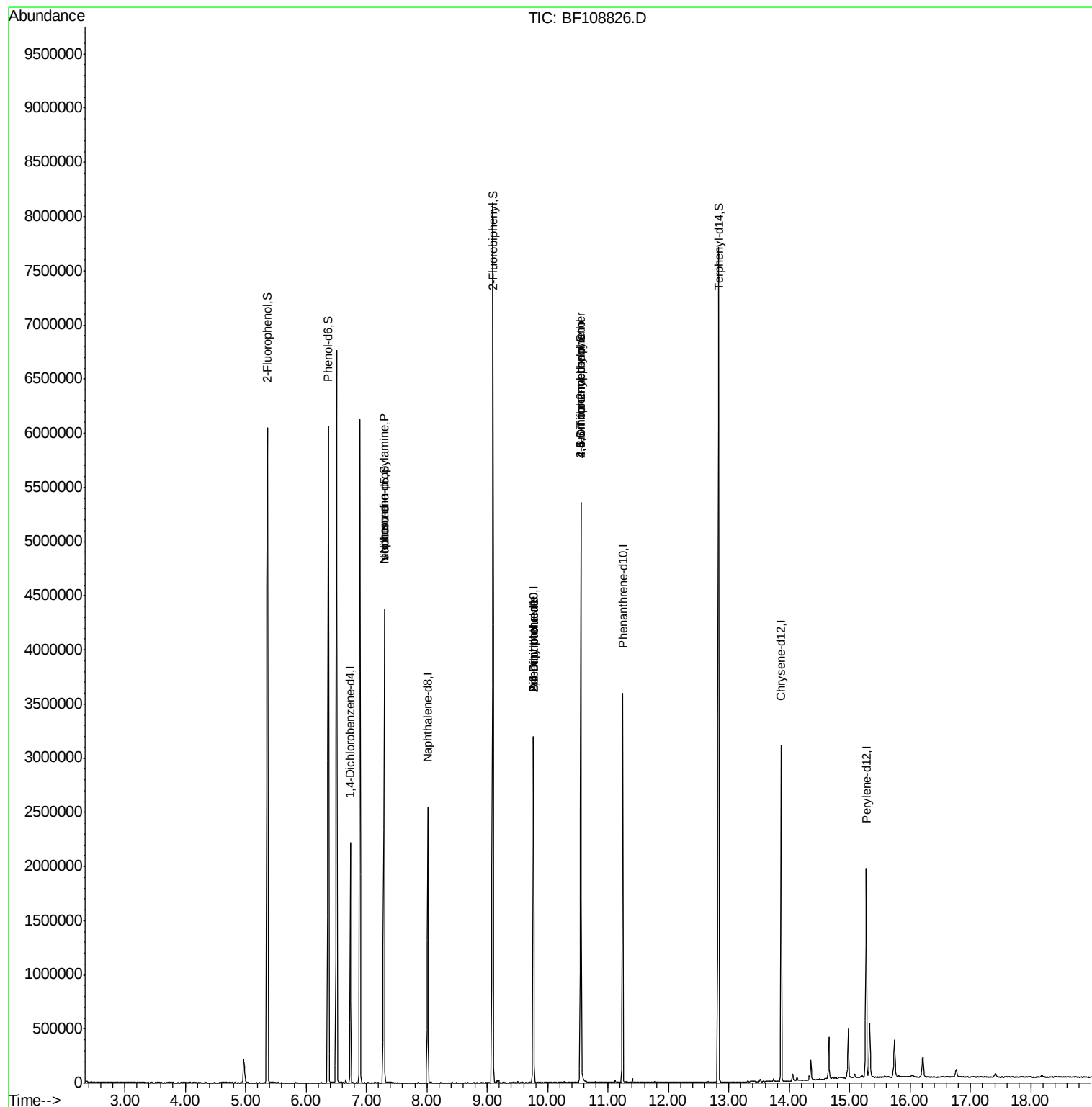
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	324645	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1250386	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	621025	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1201806	20.00	ng	0.00
75) Chrysene-d12	13.87	240	992228	20.00	ng	-0.01
86) Perylene-d12	15.27	264	839748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2115204	107.94	ng	0.02
7) Phenol-d6	6.37	99	2718169	107.81	ng	0.00
23) Nitrobenzene-d5	7.30	82	1803519	90.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	736287	124.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	3001729	82.46	ng	0.00
78) Terphenyl-d14	12.83	244	3077782	72.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	247649	14.130	ng	# 78
25) Isophorone	7.30	82	1796234	45.070	ng	# 64
49) Dimethylphthalate	9.77	163	183916	4.234	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	79353	9.587	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	79353	7.497	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	1579	7.155	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	45278	3.336	ng	# 1

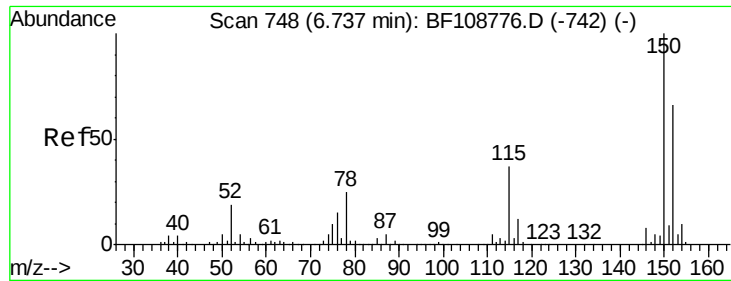
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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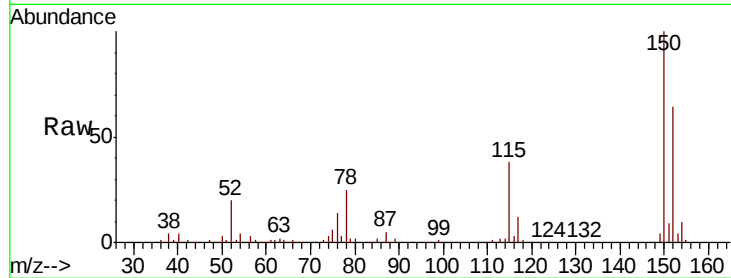


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	59.2	50.1	75.1

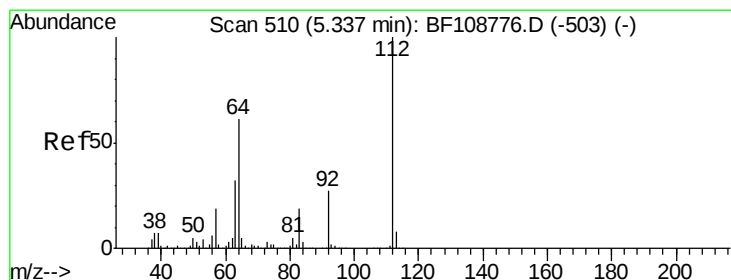
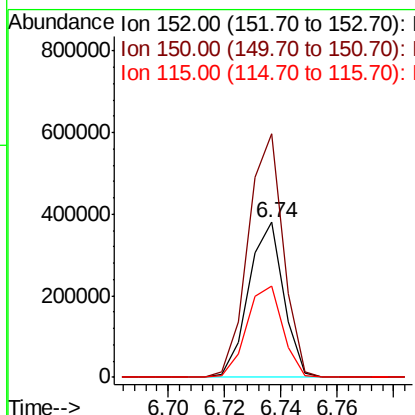
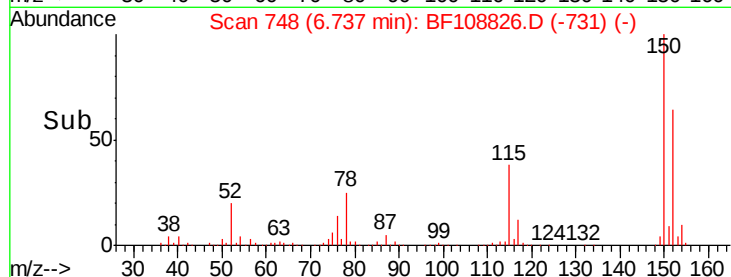


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

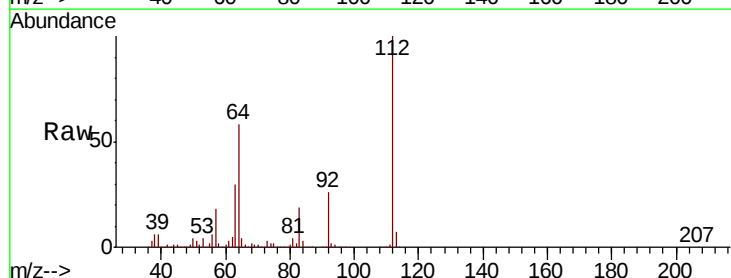
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 107.939 ng
 RT: 5.37 min Scan# 515
 Delta R.T. 0.02 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	29.9	23.7	35.5

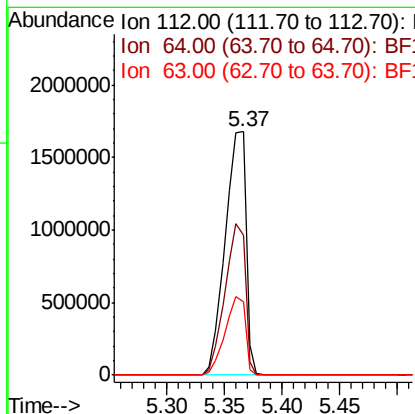
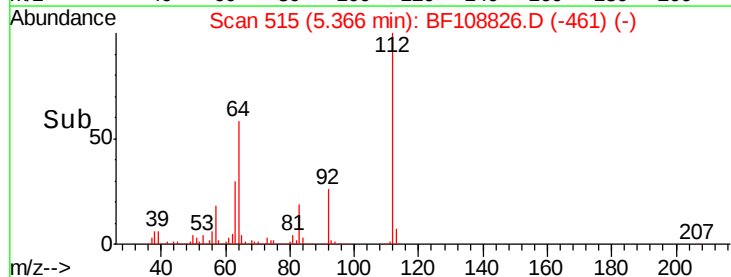


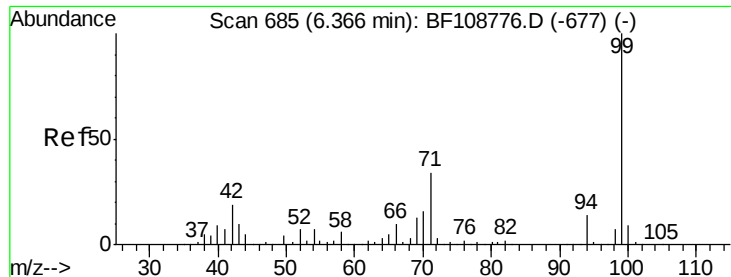
Abundance

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: 107.805 ng

RT: 6.37 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

Instrument :

BNA_F

ClientSampled :

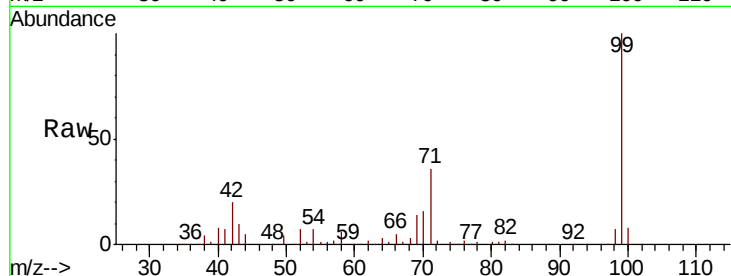
Tot Ion: 99 Resp: 2718169

Ion Ratio Lower Upper

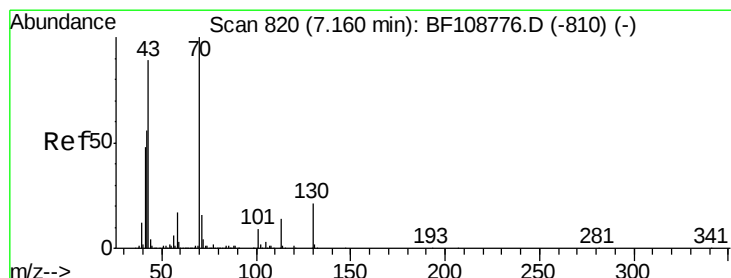
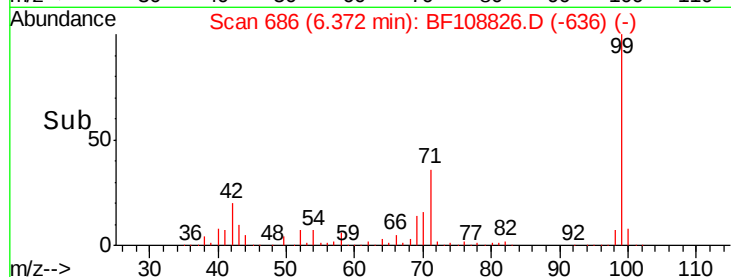
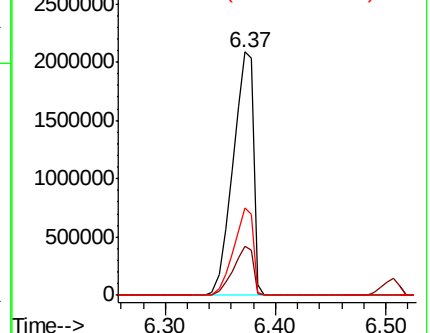
99 100

42 20.2 14.5 21.7

71 35.7 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: 14.130 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.13 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

Tgt Ion: 70 Resp: 247649

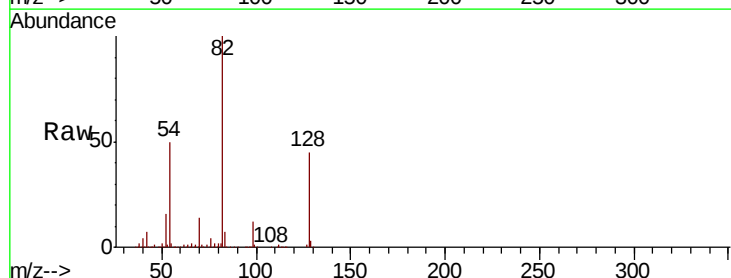
Ion Ratio Lower Upper

70 100

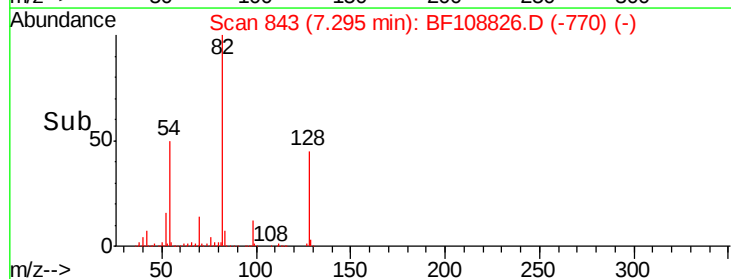
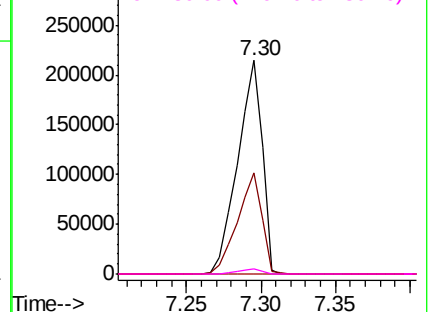
42 47.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 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

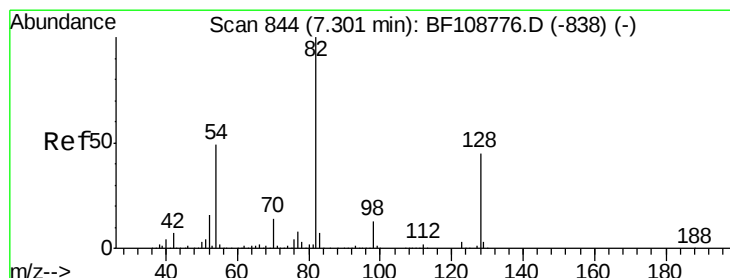
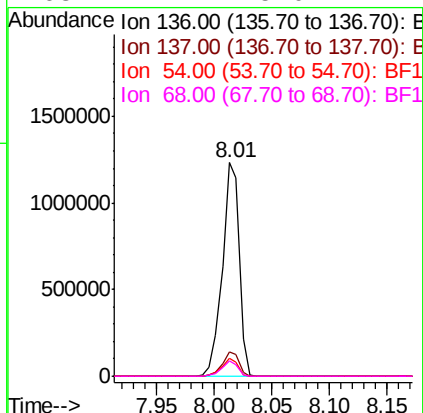
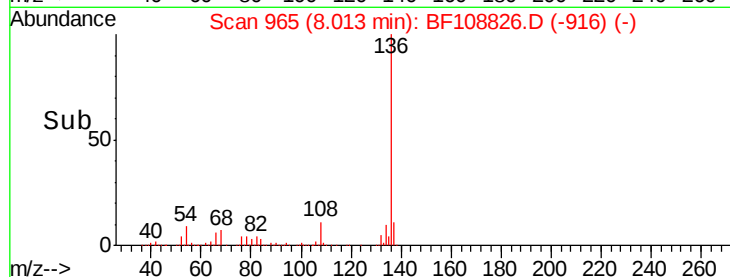
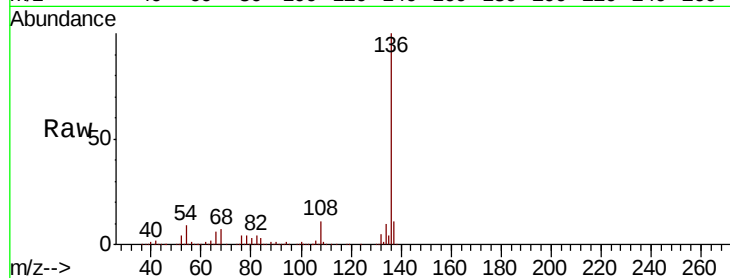




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

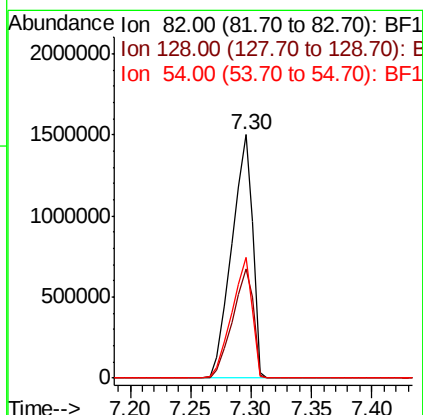
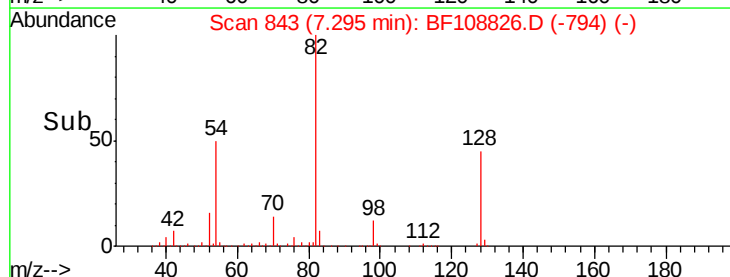
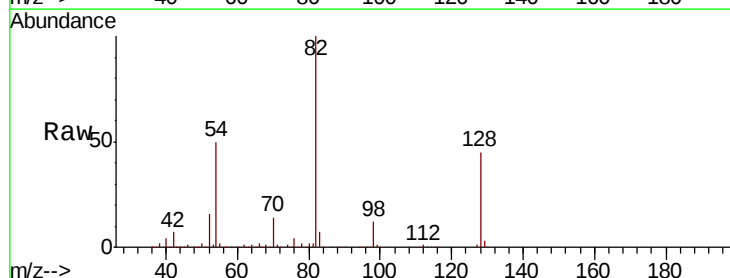
Instrument :
BNA_F
ClientSampleId :

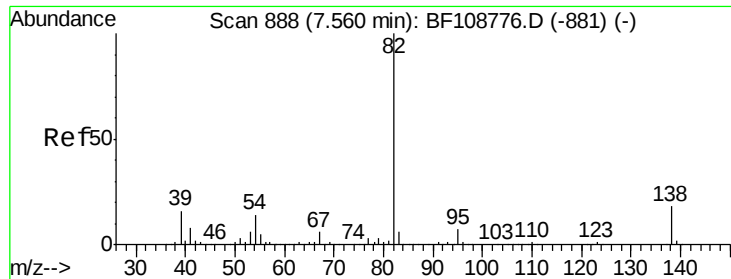
Tot Ion:136	Resp: 1250386
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 8.6	6.6 9.8
68 7.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.265 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

Tgt Ion: 82	Ratio 100	Resp: 1803519	Lower Upper
128	44.8	36.1	54.1
54	49.6	41.4	62.2





#25

Isophorone

Concen: 45.070 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.27 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

Instrument :

BNA_F

ClientSampleId :

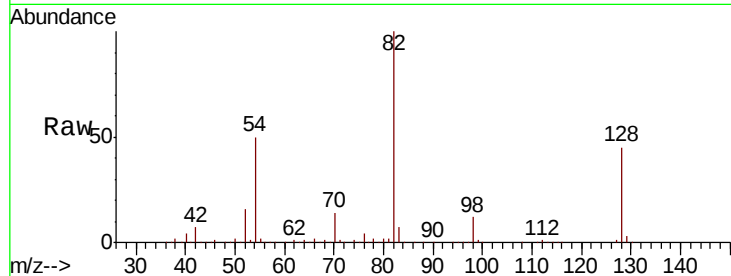
Tot Ion: 82 Resp: 1796234

Ion Ratio Lower Upper

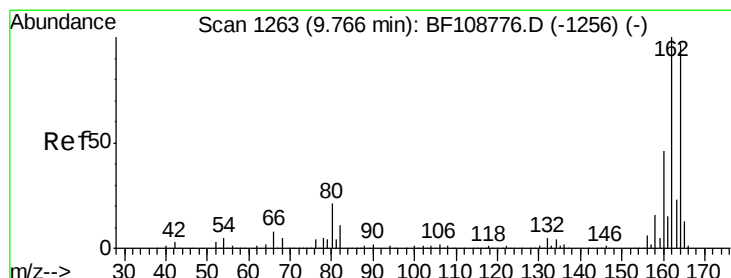
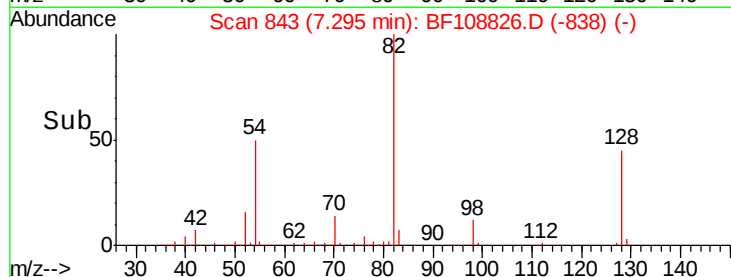
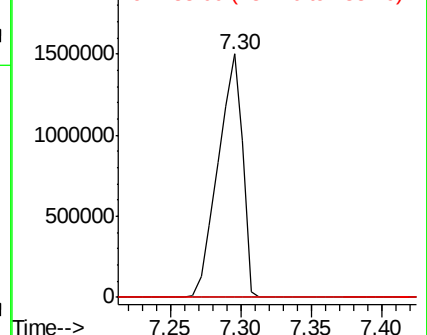
82 100

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: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

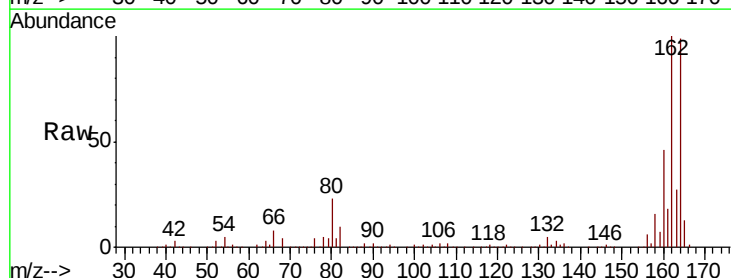
Tgt Ion: 164 Resp: 621025

Ion Ratio Lower Upper

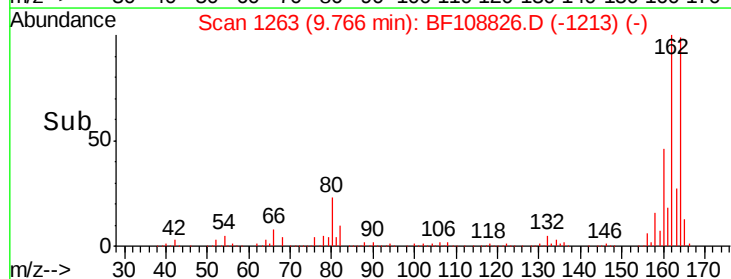
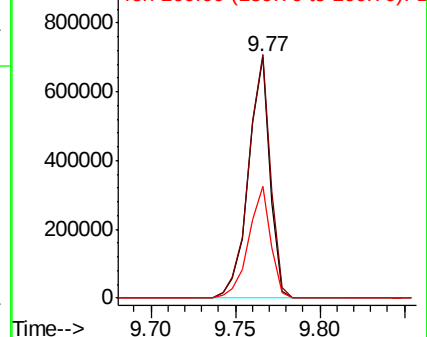
164 100

162 100.9 86.1 129.1

160 46.4 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

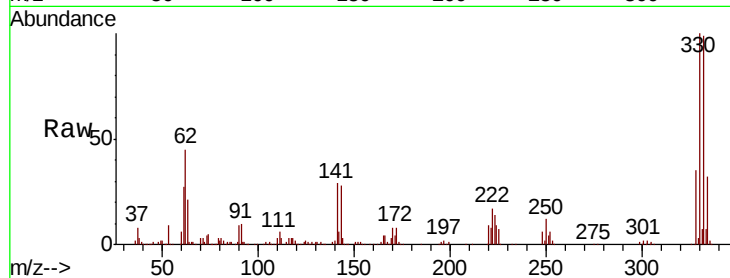




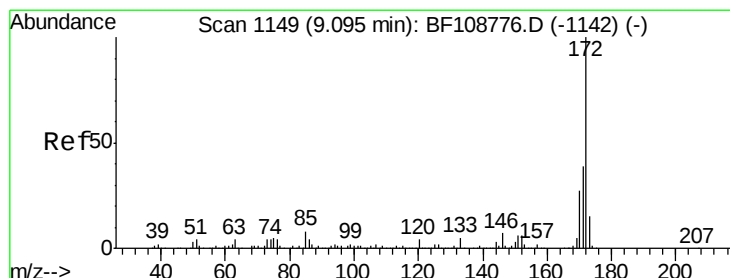
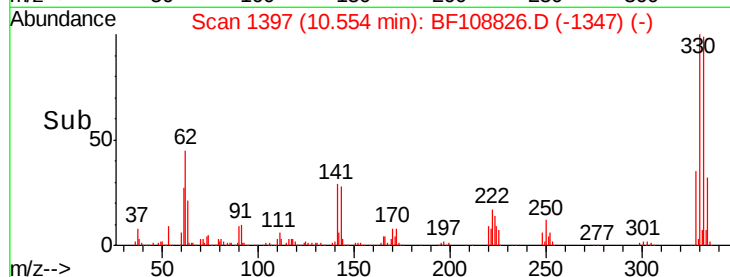
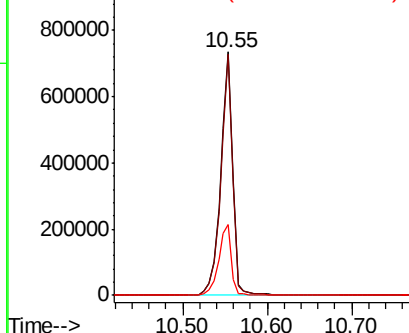
#41
 2,4,6-Tribromophenol
 Concen: 124.192 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 736287
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 31.4 29.9 44.9

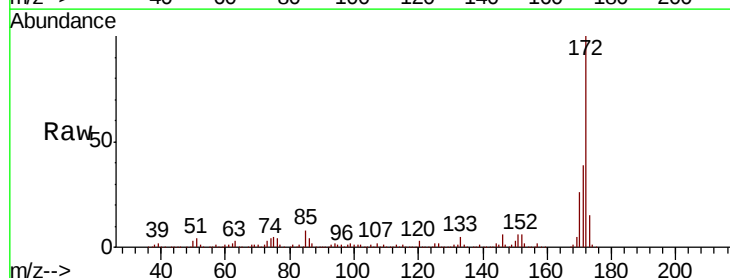


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

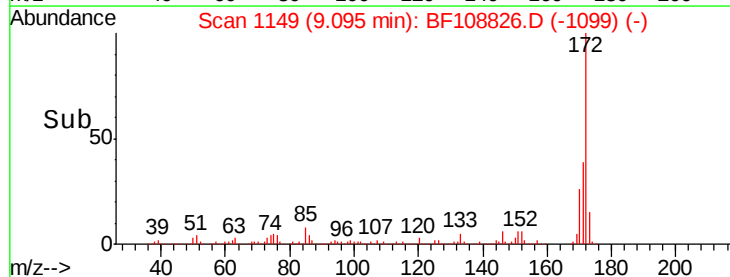
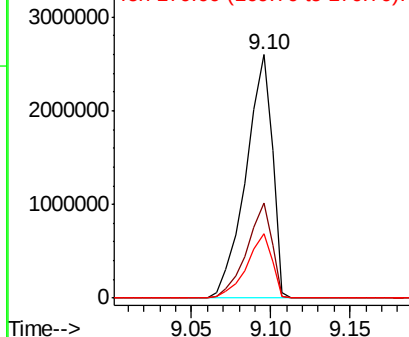


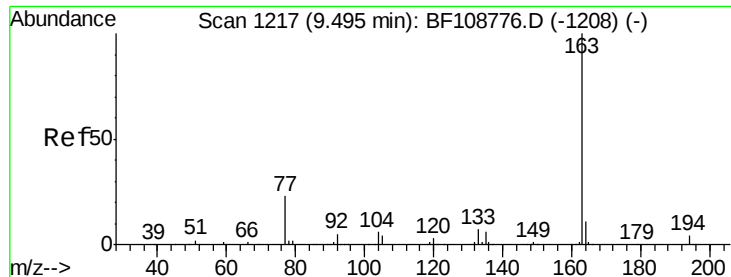
#44
 2-Fluorobiphenyl
 Concen: 82.459 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Tgt Ion:172 Resp: 3001729
 Ion Ratio Lower Upper
 172 100
 171 38.9 29.7 44.5
 170 26.5 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

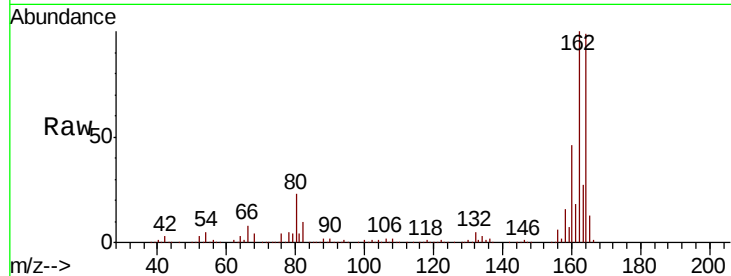




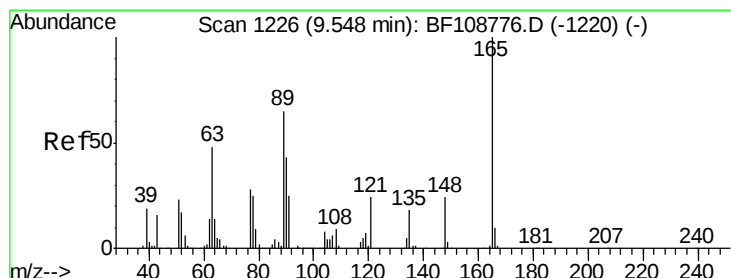
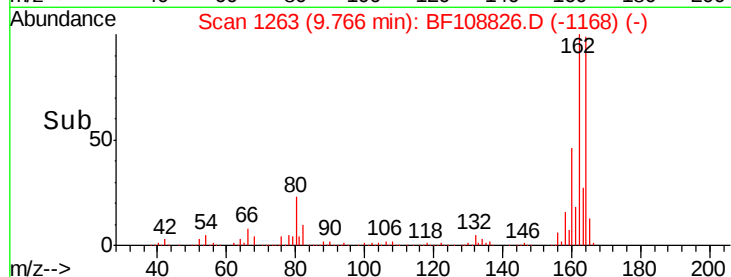
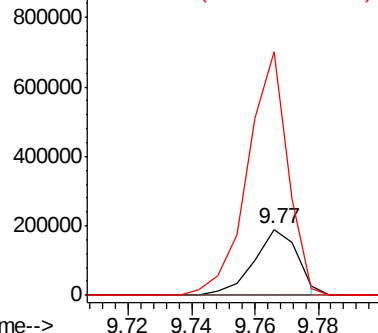
#49
Dimethylphthalate
Concen: 4.234 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.26 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 183916
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 369.2 8.2 12.2#

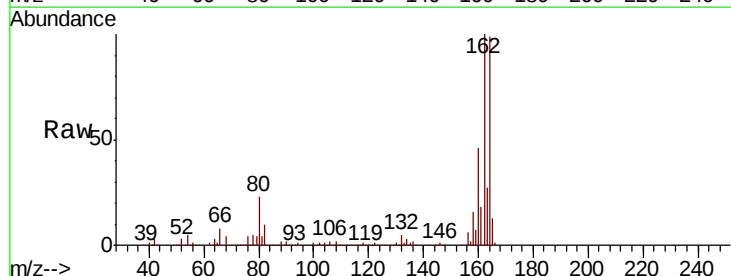


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

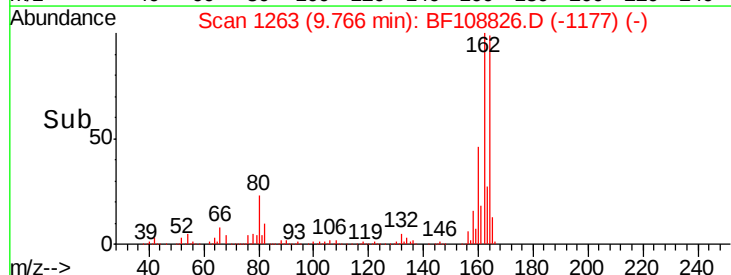
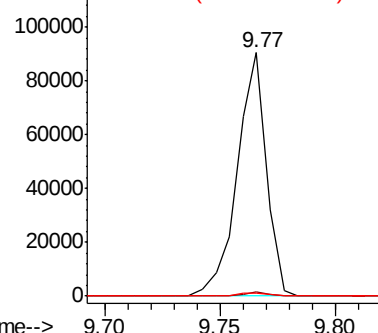


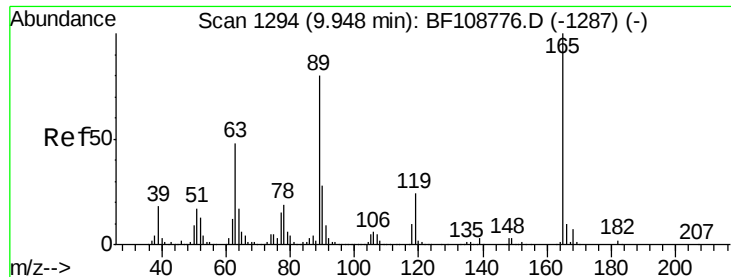
#50
2,6-Dinitrotoluene
Concen: 9.587 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.21 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

Tgt Ion:165 Resp: 79353
Ion Ratio Lower Upper
165 100
63 1.6 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

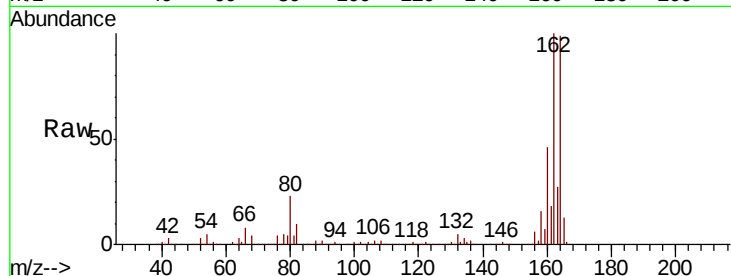




#56
 2,4-Dinitrotoluene
 Concen: 7.497 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.19 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampled :

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

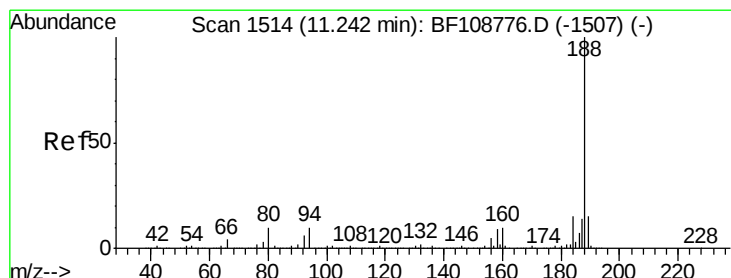
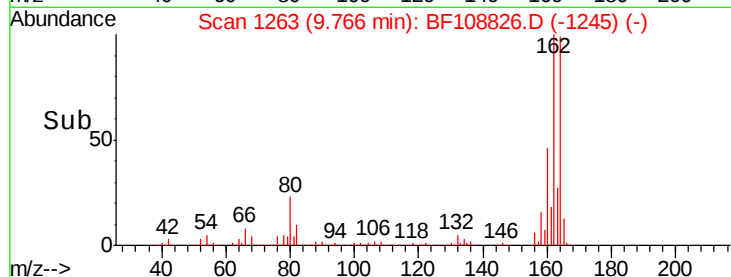
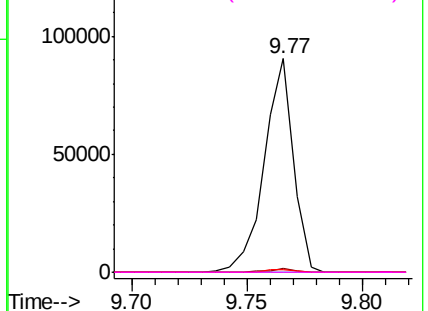


Abundance Ion 165.00 (164.70 to 165.70): E

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



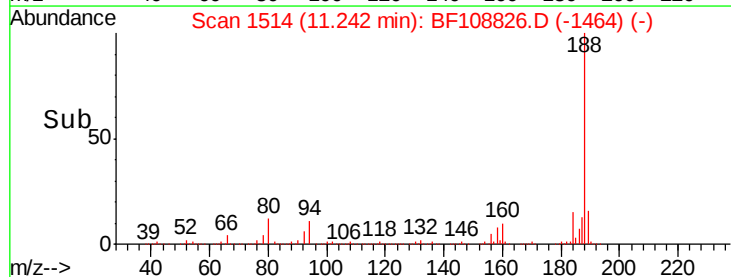
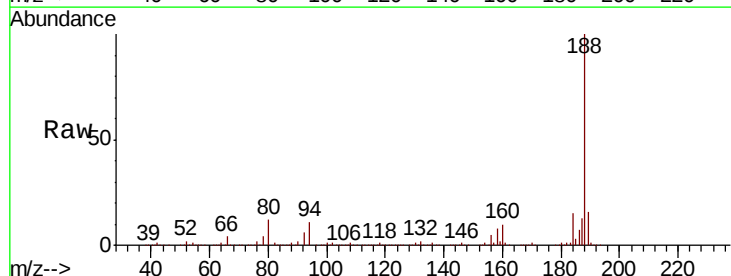
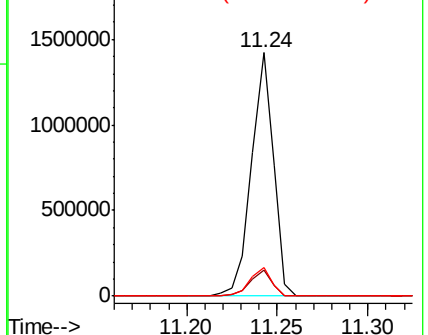
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

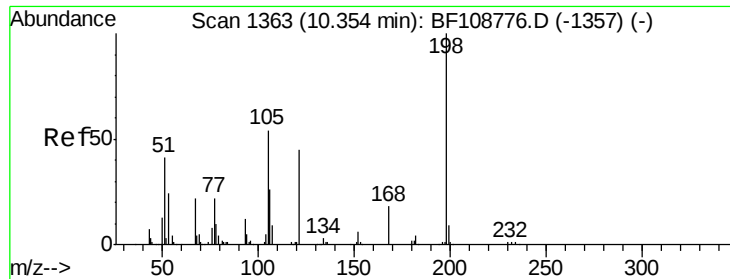
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

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

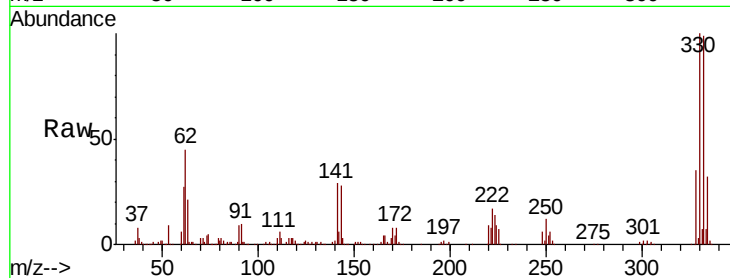




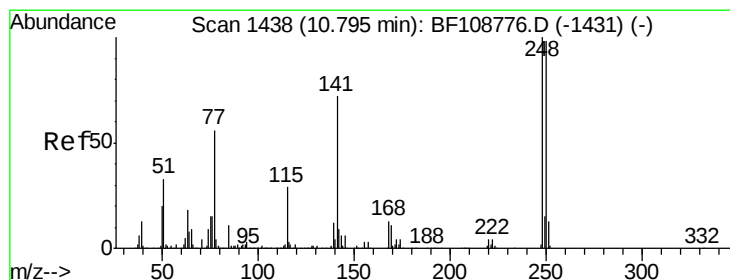
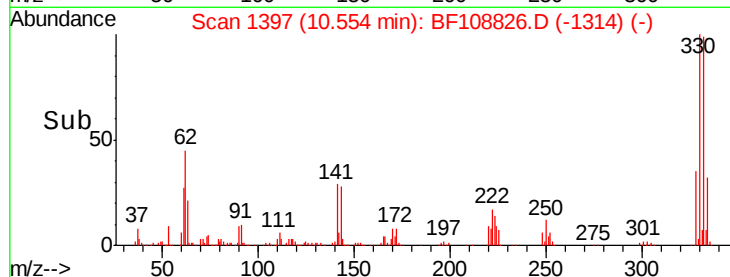
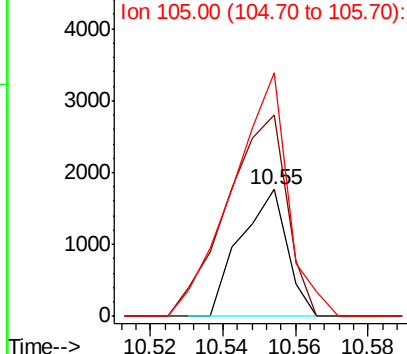
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.155 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.19 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1579
 Ion Ratio Lower Upper
 198 100
 51 159.1 37.7 77.7#
 105 192.1 36.3 76.3#

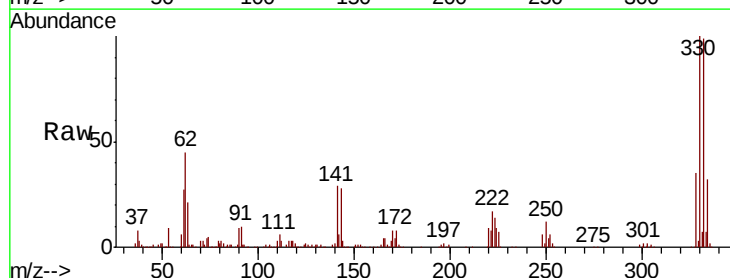


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

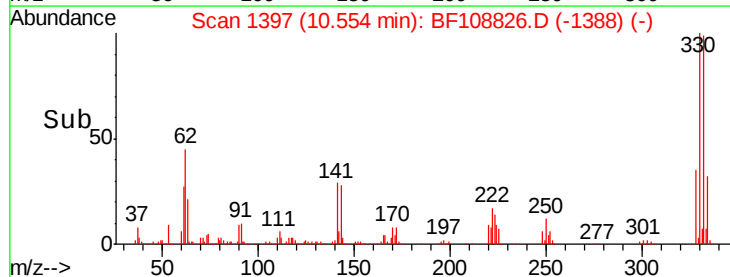
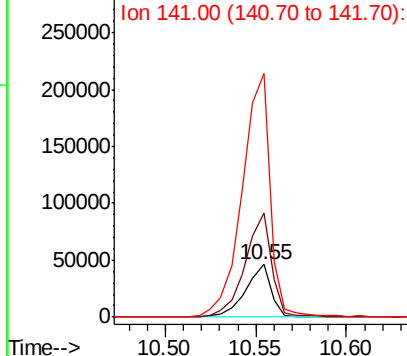


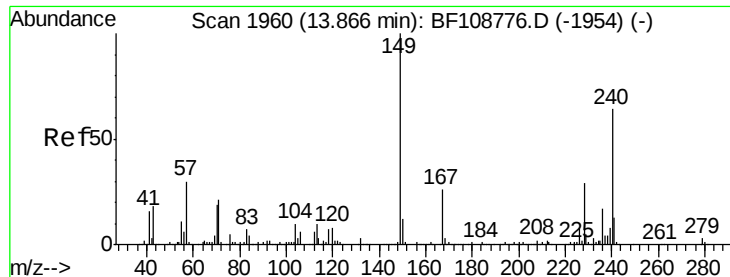
#66
 4-Bromophenyl-phenylether
 Concen: 3.336 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.25 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Tgt Ion:248 Resp: 45278
 Ion Ratio Lower Upper
 248 100
 250 198.2 76.9 115.3#
 141 465.3 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: 13.87 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

Instrument :

BNA_F

ClientSampled :

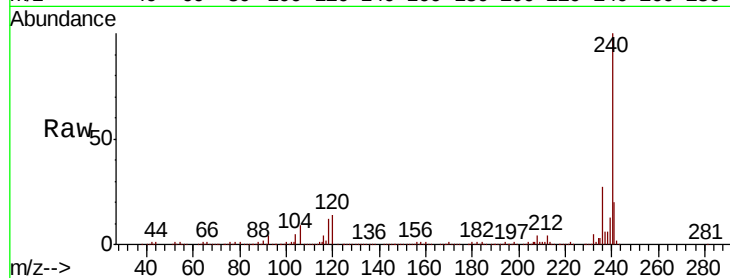
Tot Ion:240 Resp: 992228

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

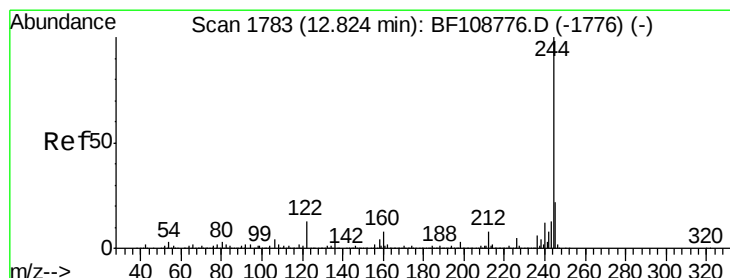
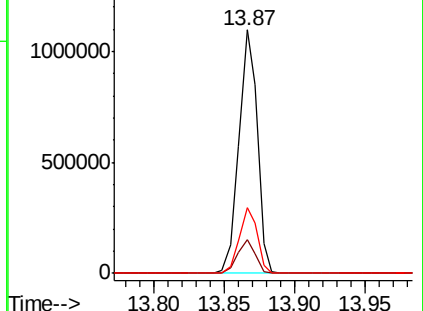
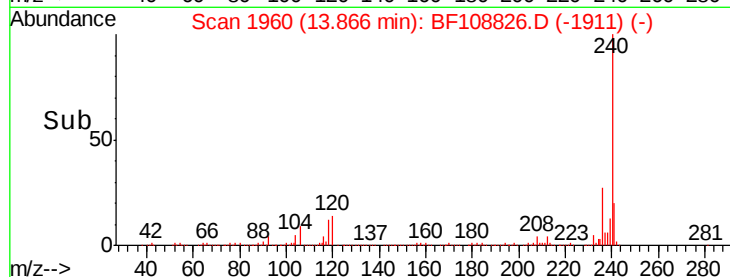
236 27.1 20.7 31.1



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: 72.333 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

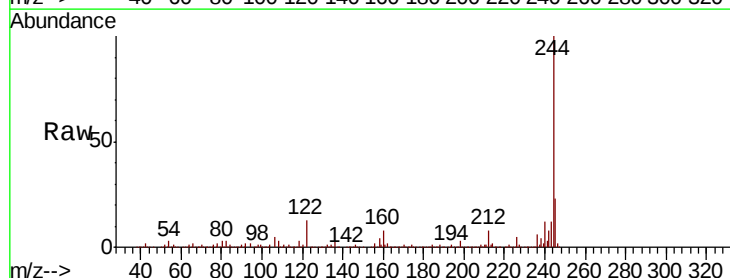
Tgt Ion:244 Resp: 3077782

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

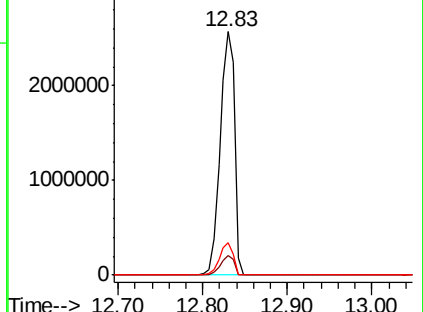
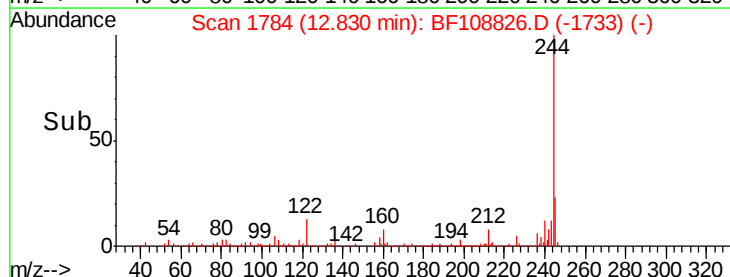
122 13.3 11.0 16.4

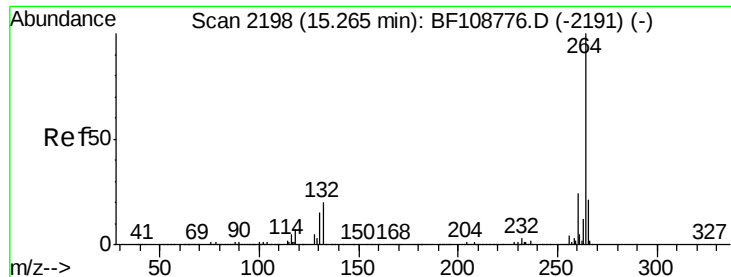


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

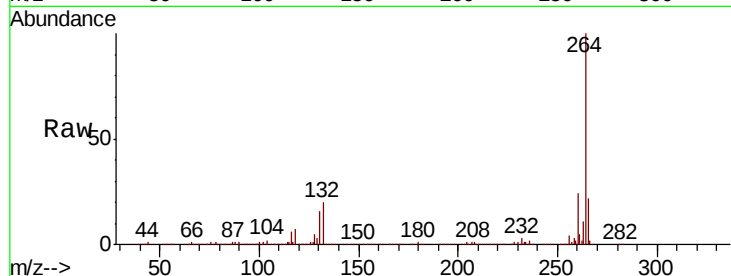




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.5	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

