

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108813.D
 Acq On : 6 Sep 2018 9:24
 Operator : JU/SJ
 Sample : J4724-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 10:53:57 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

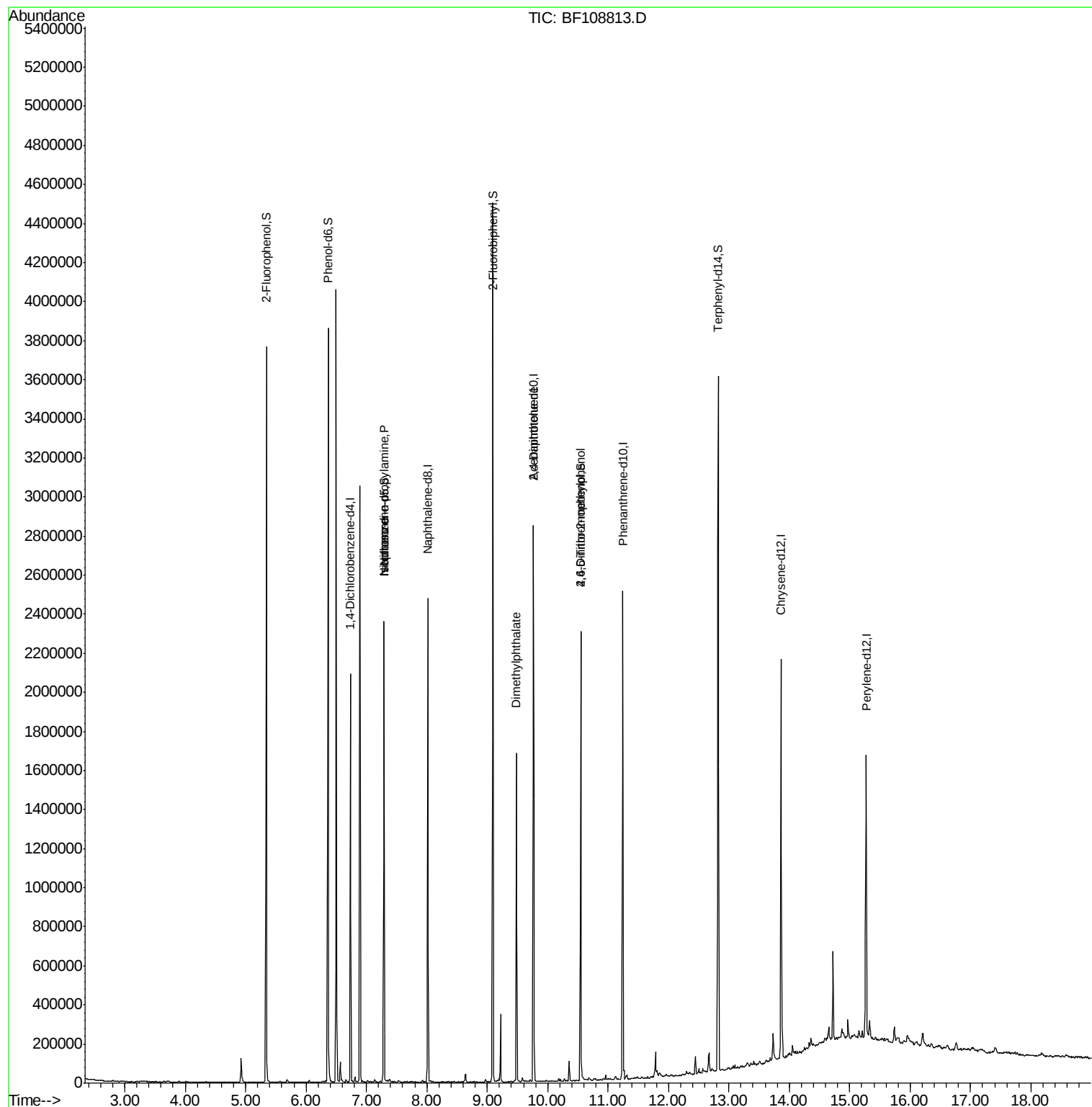
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	279902	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1048790	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	485914	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	811607	20.00	ng	0.00
75) Chrysene-d12	13.87	240	608951	20.00	ng	0.00
86) Perylene-d12	15.27	264	606485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	992896	58.77	ng	0.00
7) Phenol-d6	6.37	99	1274371	58.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	769804	45.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	270161	58.24	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1444257	50.71	ng	0.00
78) Terphenyl-d14	12.82	244	1133562	43.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	104000	6.883	ng	# 78
25) Isophorone	7.29	82	763595	22.843	ng	# 64
49) Dimethylphthalate	9.48	163	577741	16.999	ng	100
56) 2,4-Dinitrotoluene	9.77	165	63604	7.680	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	504	7.004	ng	# 1

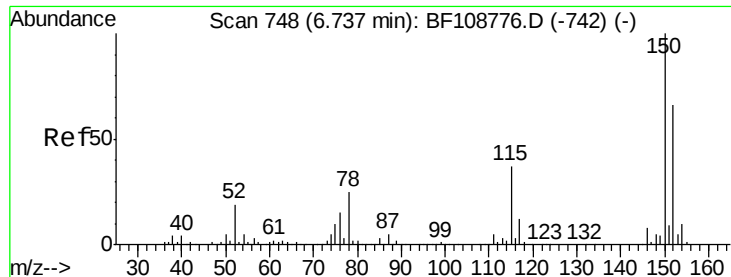
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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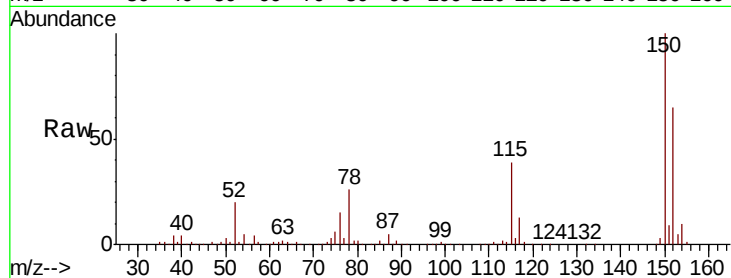


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108813.D
Acq: 6 Sep 2018 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	59.6	50.1	75.1

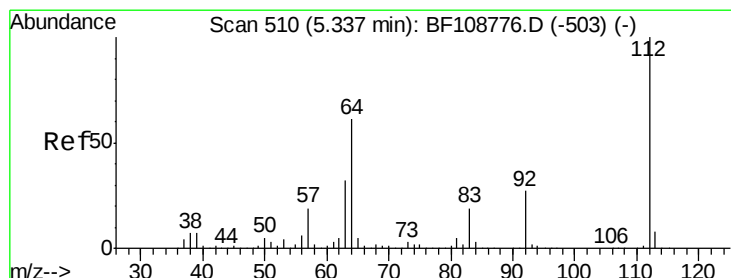
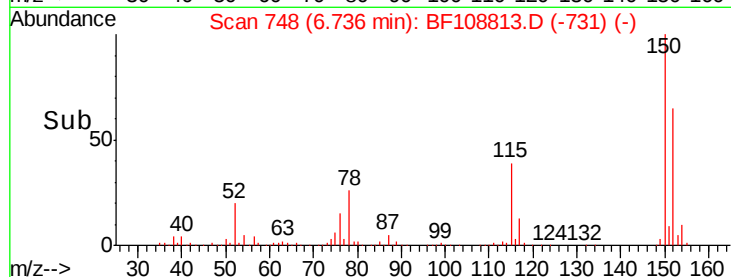
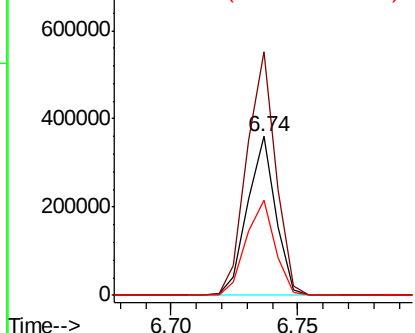


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

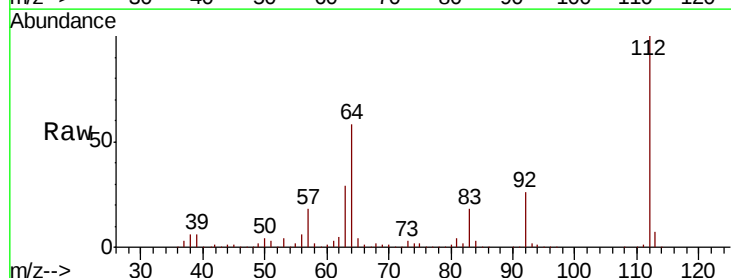
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.767 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108813.D
Acq: 6 Sep 2018 9:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.3	23.7	35.5

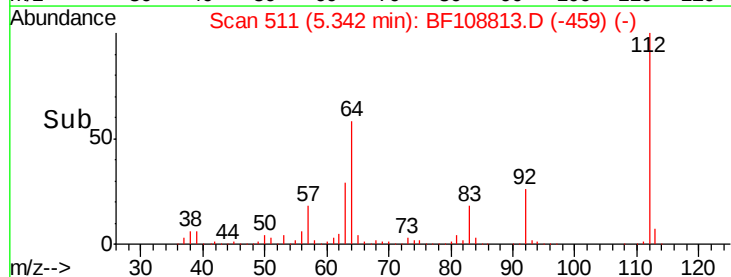
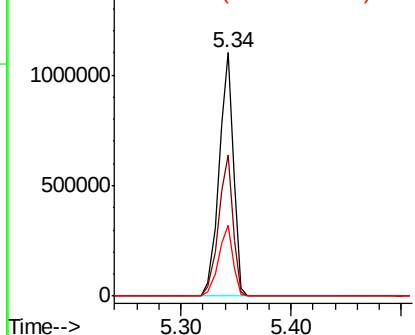


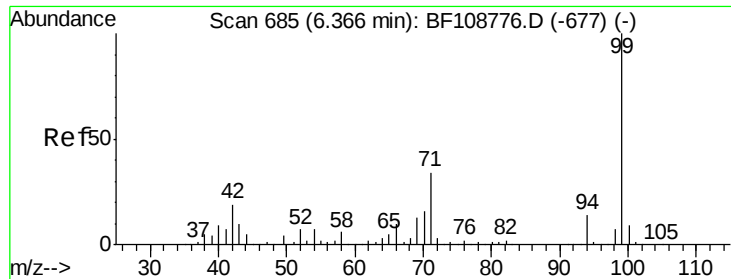
Abundance

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: 58.622 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108813.D

Acq: 6 Sep 2018 9:24

Instrument :

BNA_F

ClientSampled :

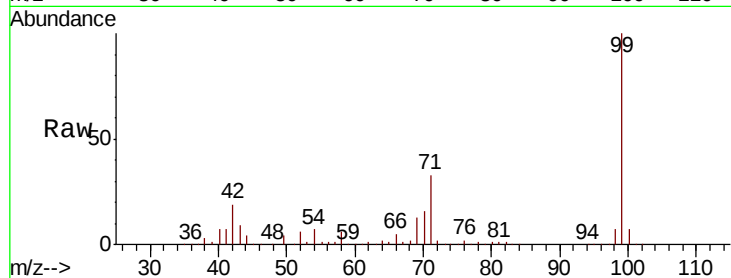
Tot Ion: 99 Resp: 1274371

Ion Ratio Lower Upper

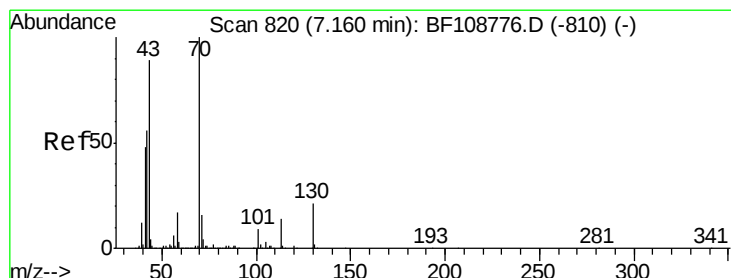
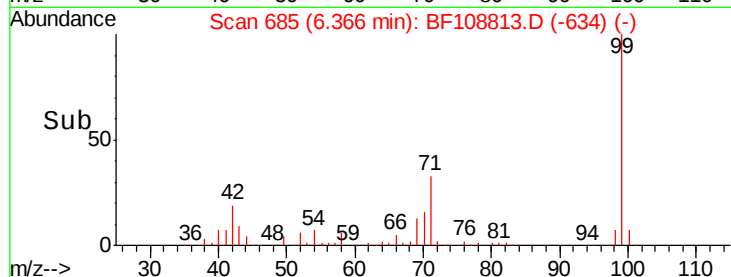
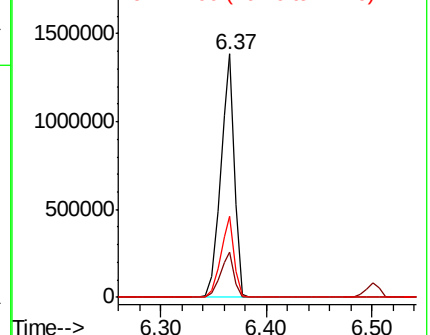
99 100

42 18.7 14.5 21.7

71 33.4 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: 6.883 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108813.D

Acq: 6 Sep 2018 9:24

Tgt Ion: 70 Resp: 104000

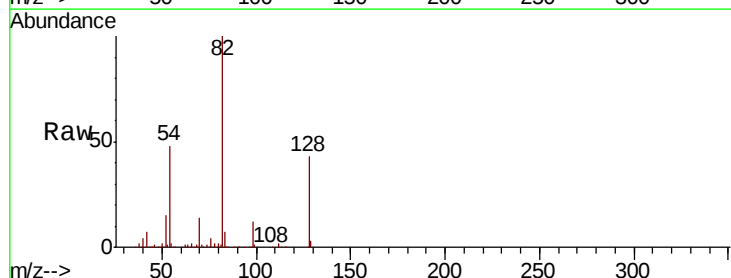
Ion Ratio Lower Upper

70 100

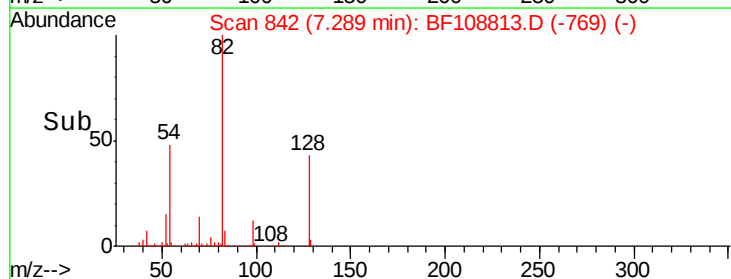
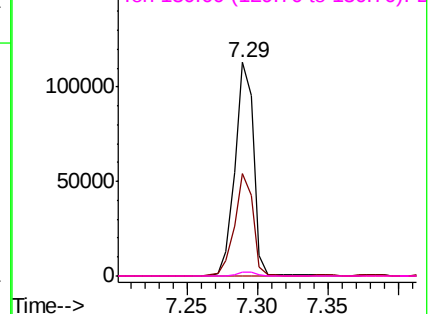
42 47.9 47.5 71.3

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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108813.D

Acq: 6 Sep 2018 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1048790

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.7	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

1500000

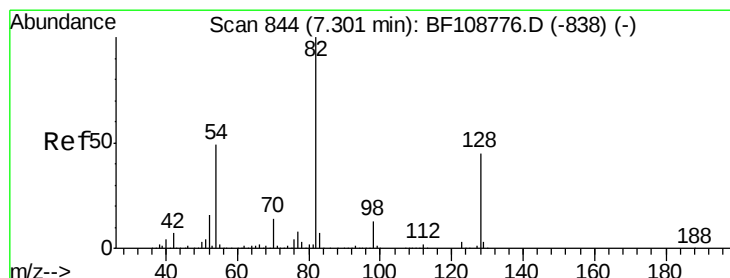
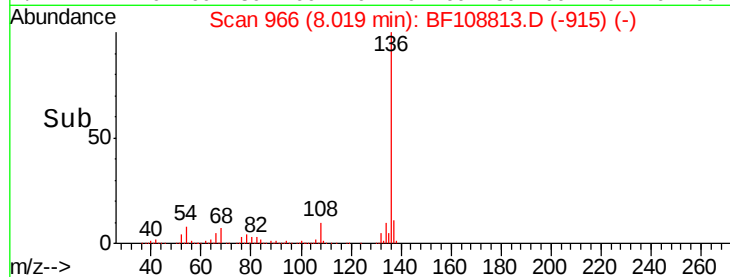
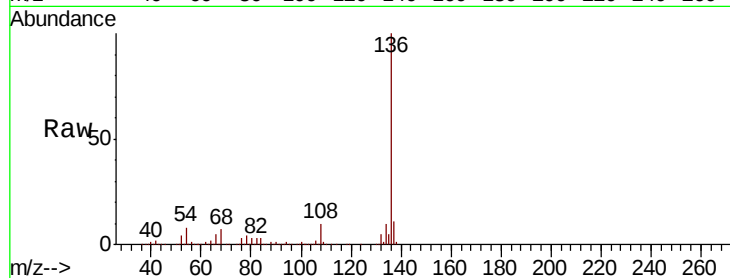
1000000

500000

0

8.00 8.05

Time-->



#23

Nitrobenzene-d5

Concen: 45.934 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108813.D

Acq: 6 Sep 2018 9:24

Tgt Ion: 82 Resp: 769804

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	48.3	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

1000000

800000

600000

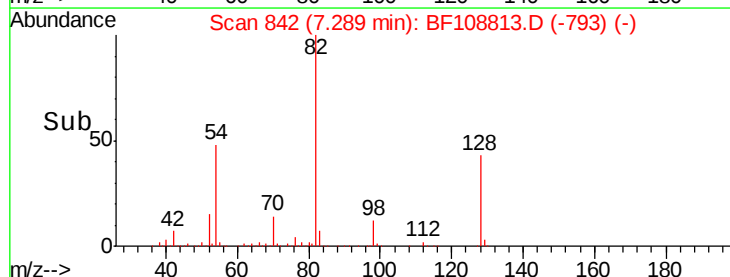
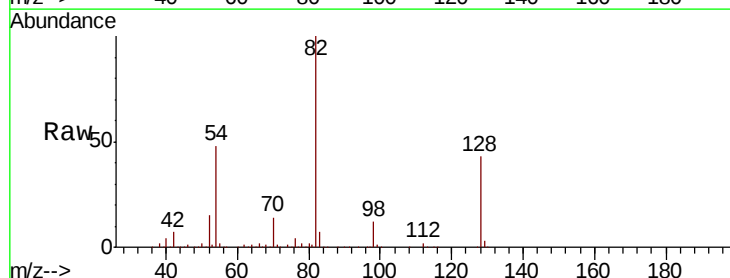
400000

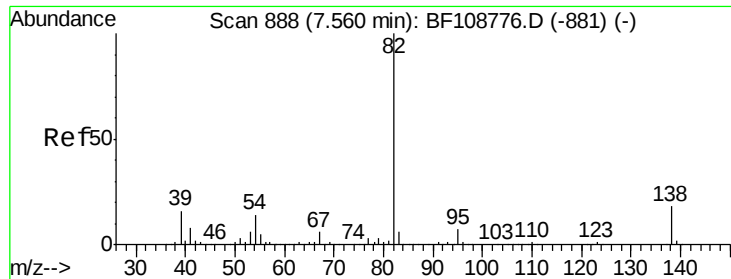
200000

0

7.20 7.25 7.30 7.35 7.40

Time-->





#25

Isophorone

Concen: 22.843 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108813.D

Acq: 6 Sep 2018 9:24

Instrument :

BNA_F

ClientSampled :

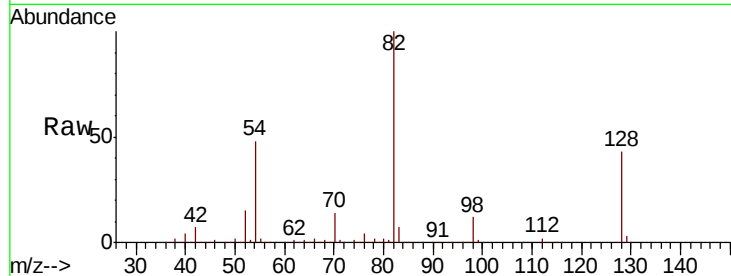
Tot Ion: 82 Resp: 763595

Ion Ratio Lower Upper

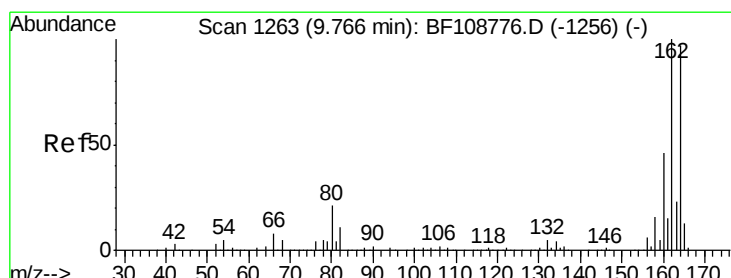
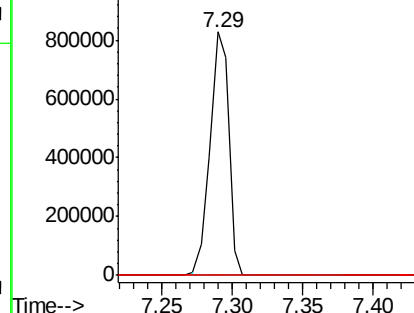
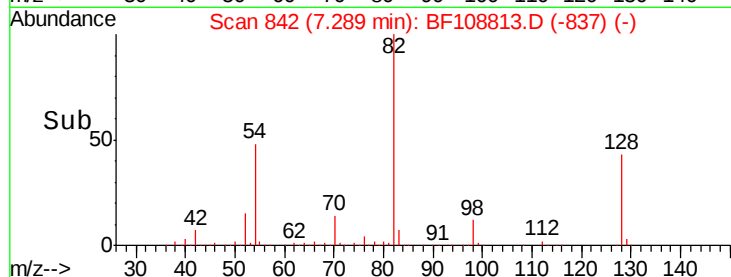
82 100

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. -0.00 min

Lab File: BF108813.D

Acq: 6 Sep 2018 9:24

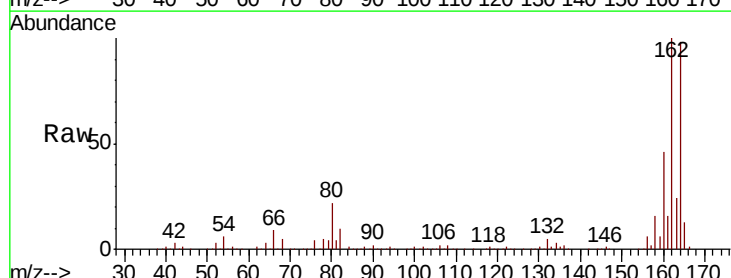
Tgt Ion: 164 Resp: 485914

Ion Ratio Lower Upper

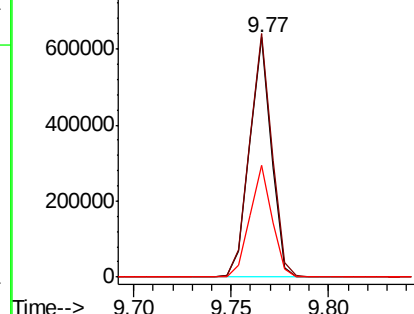
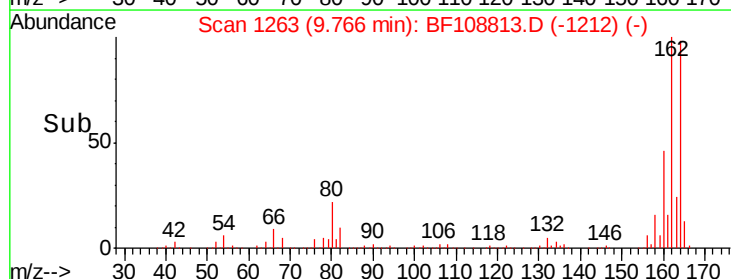
164 100

162 101.7 86.1 129.1

160 46.5 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

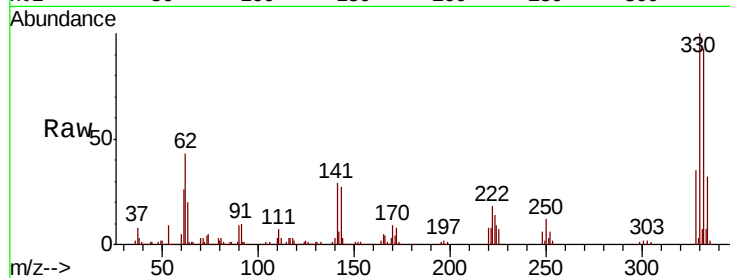




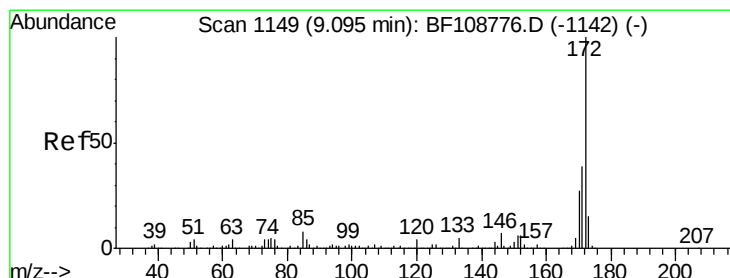
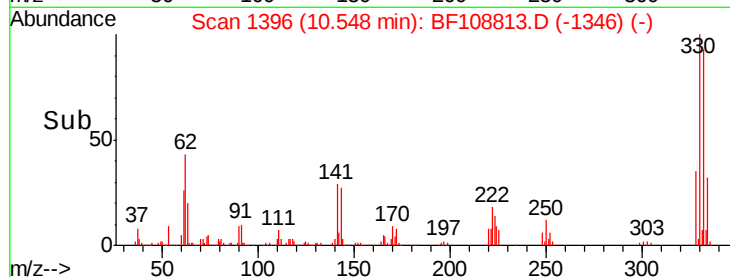
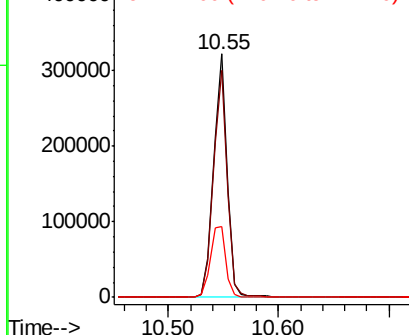
#41
 2,4,6-Tribromophenol
 Concen: 58.240 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108813.D
 Acq: 6 Sep 2018 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 270161
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 32.6 29.9 44.9

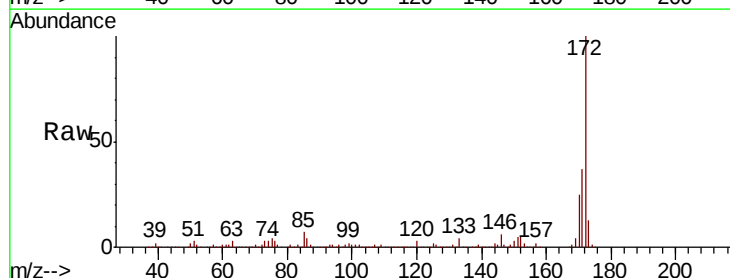


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

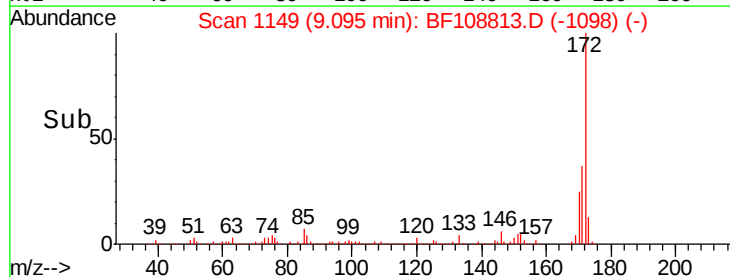
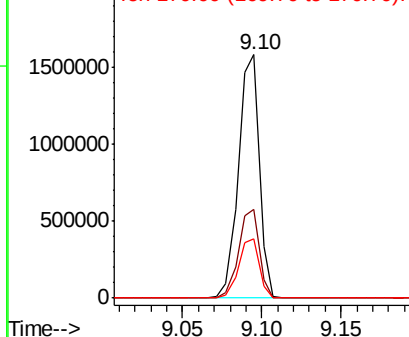


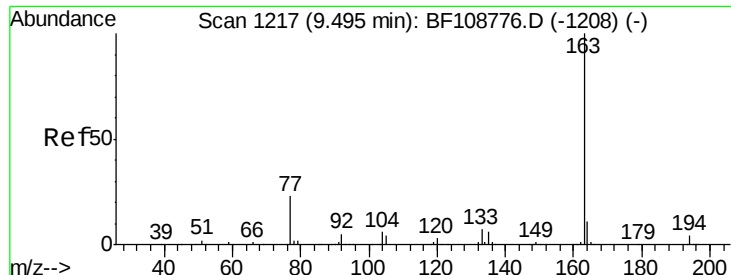
#44
 2-Fluorobiphenyl
 Concen: 50.706 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108813.D
 Acq: 6 Sep 2018 9:24

Tgt Ion:172 Resp: 1444257
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 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

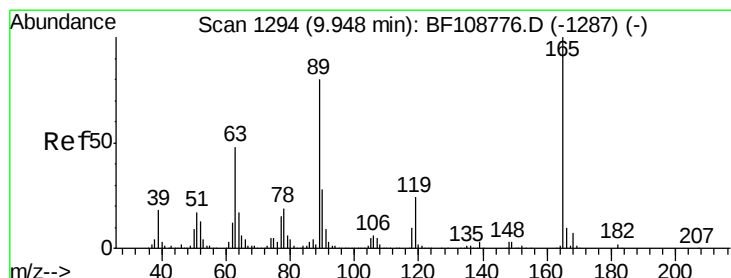
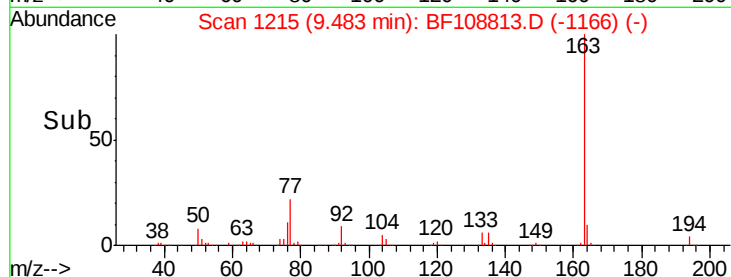
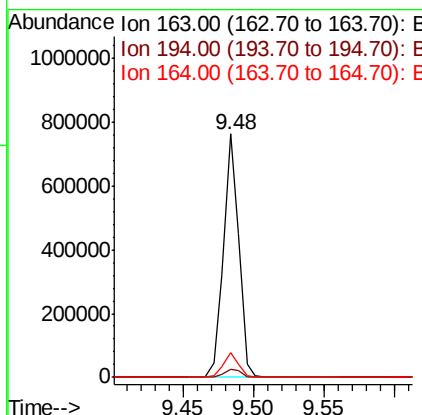
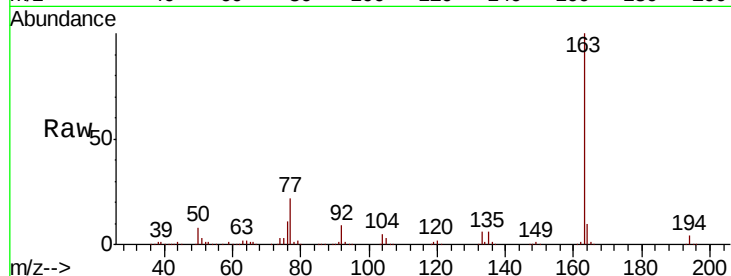




#49
 Dimethylphthalate
 Concen: 16.999 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108813.D
 Acq: 6 Sep 2018 9:24

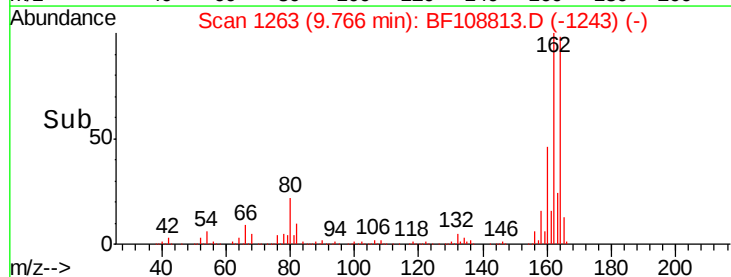
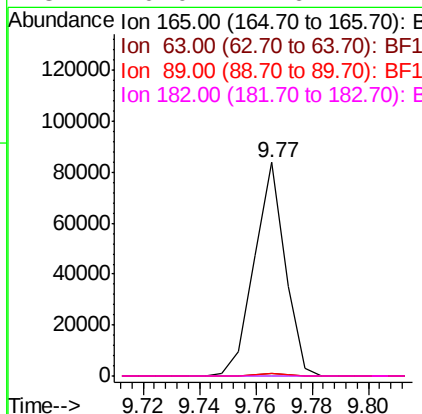
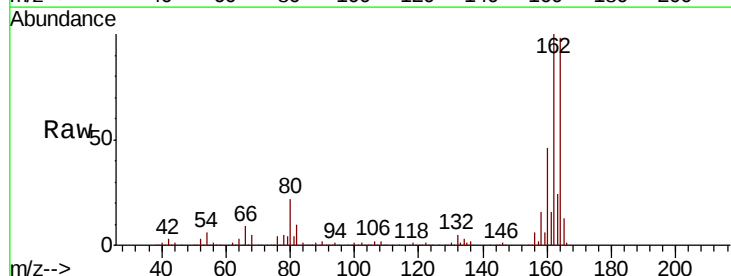
Instrument :
 BNA_F
 ClientSampled :

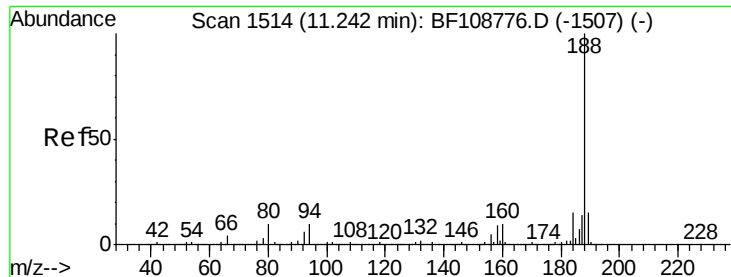
Tot Ion:	163	Resp:	577741
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 7.680 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108813.D
 Acq: 6 Sep 2018 9:24

Tgt Ion:	165	Resp:	63604
Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

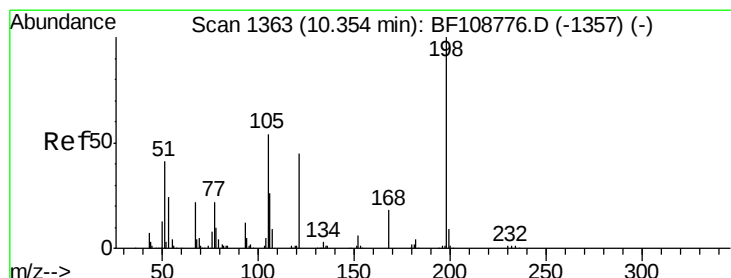
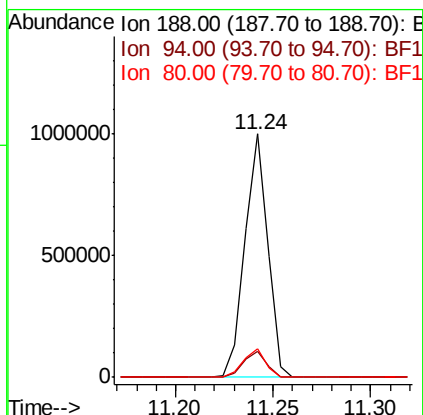
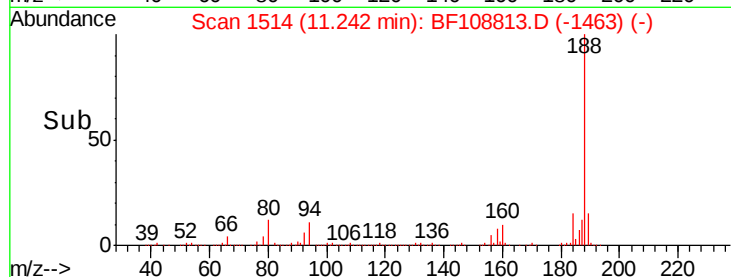
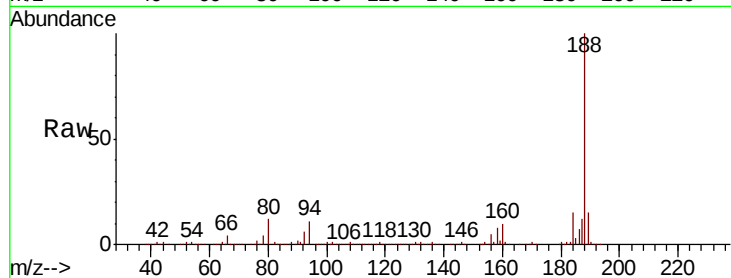




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108813.D
 Acq: 6 Sep 2018 9:24

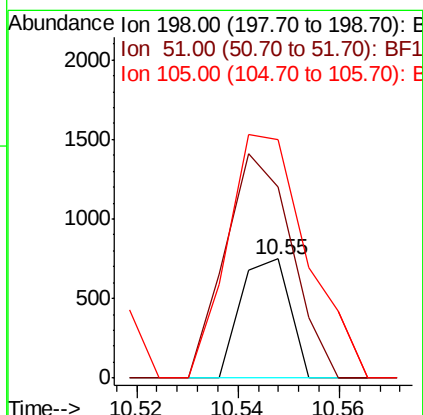
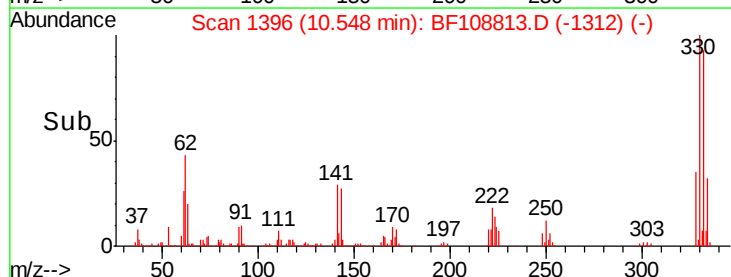
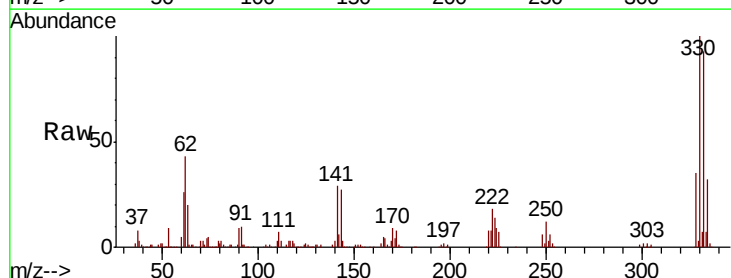
Instrument :
 BNA_F
 ClientSampleId :

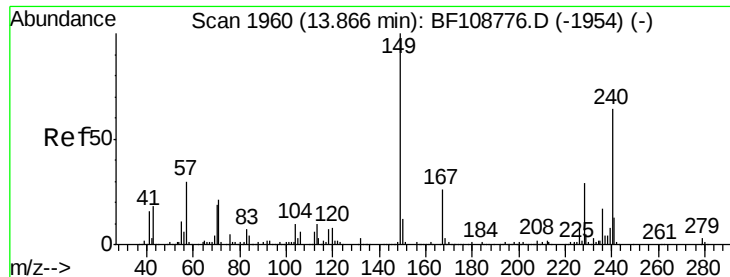
Tot Ion:188 Resp: 811607
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.004 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108813.D
 Acq: 6 Sep 2018 9:24

Tgt Ion:198 Resp: 504
 Ion Ratio Lower Upper
 198 100
 51 161.0 37.7 77.7#
 105 200.8 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108813.D

Acq: 6 Sep 2018 9:24

Instrument :

BNA_F

ClientSampled :

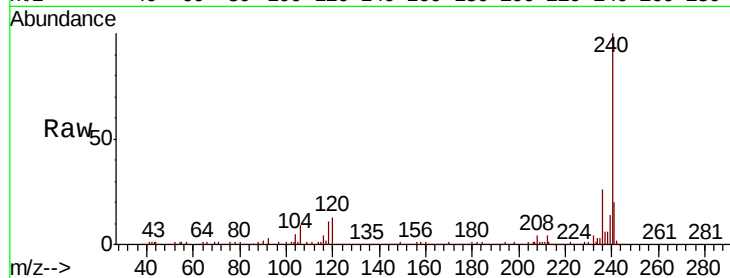
Tot Ion:240 Resp: 608951

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

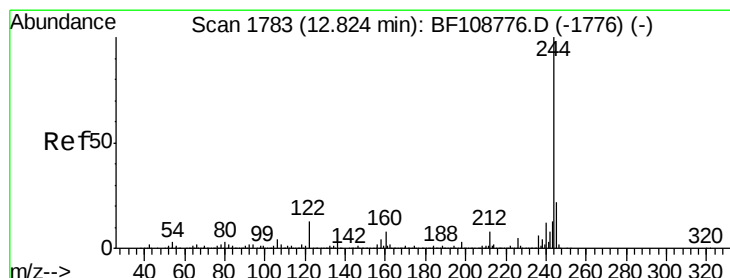
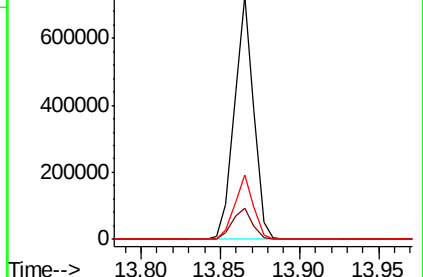
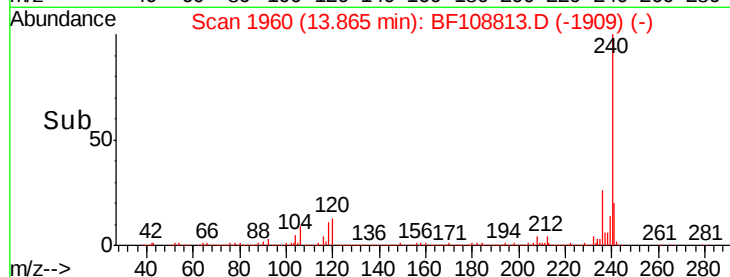
236 26.2 20.7 31.1



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: 43.408 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108813.D

Acq: 6 Sep 2018 9:24

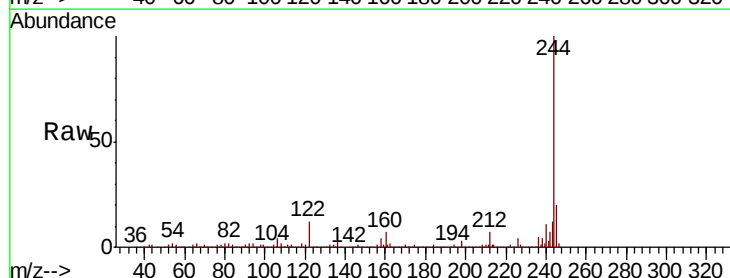
Tgt Ion:244 Resp: 1133562

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

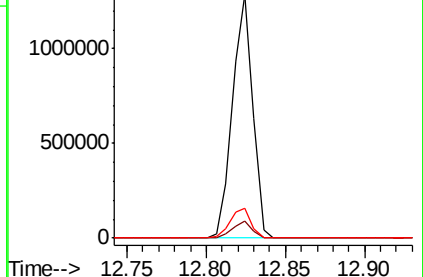
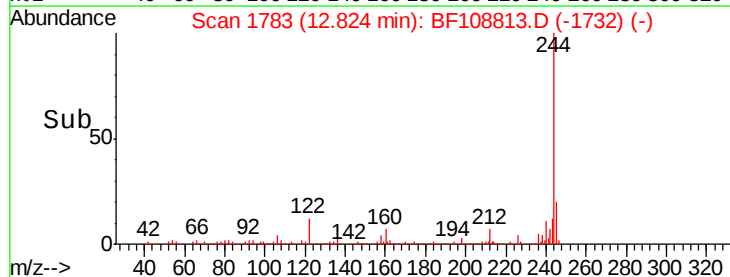
122 12.2 11.0 16.4

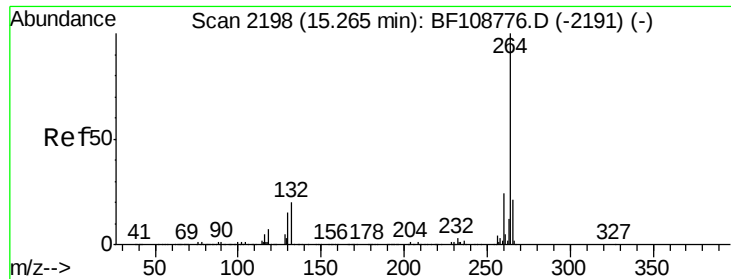


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

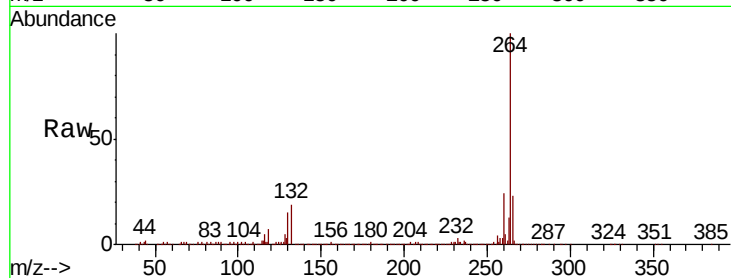




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108813.D
Acq: 6 Sep 2018 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.6	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

