

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108812.D
 Acq On : 6 Sep 2018 8:58
 Operator : JU/SJ
 Sample : J4724-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 10:53:42 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

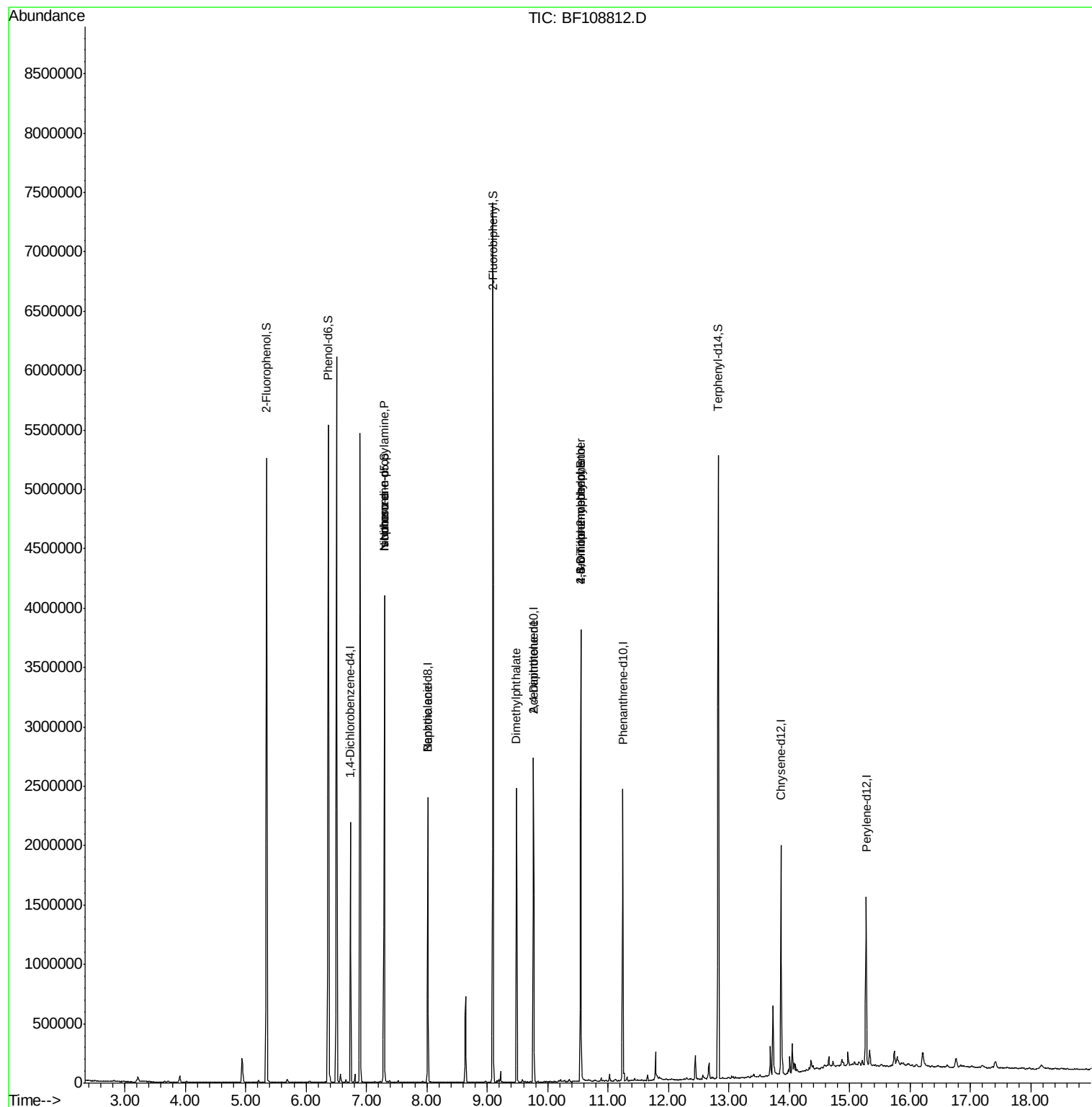
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	285347	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1053784	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	475751	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	770098	20.00	ng	0.00
75) Chrysene-d12	13.87	240	576022	20.00	ng	0.00
86) Perylene-d12	15.27	264	597801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1693803	98.34	ng	0.01
7) Phenol-d6	6.37	99	2208339	99.65	ng	0.00
23) Nitrobenzene-d5	7.30	82	1359115	80.71	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	458157	100.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2283416	81.88	ng	0.00
78) Terphenyl-d14	12.82	244	1759526	71.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	184716	11.991	ng	# 79
25) Isophorone	7.30	82	1354700	40.333	ng	# 64
32) Benzoic acid	8.02	122	115	4.030	ng	# 1
49) Dimethylphthalate	9.49	163	1003464	30.156	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	61868	7.630	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	1061	7.169	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	28334	3.258	ng	# 1

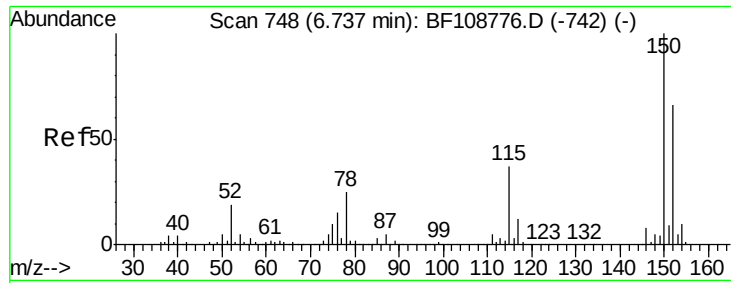
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF108812.D

Acq: 6 Sep 2018 8:58

Instrument :

BNA_F

ClientSampleId :

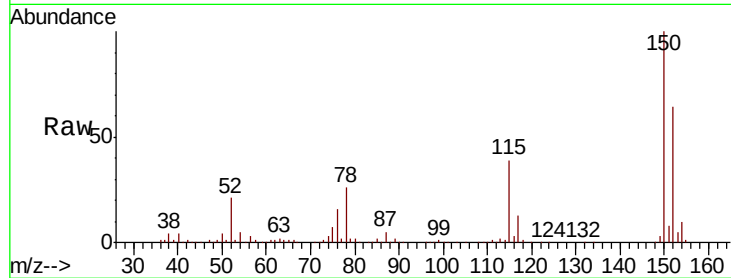
Tot Ion:152 Resp: 285347

Ion Ratio Lower Upper

152 100

150 156.8 124.6 186.8

115 61.6 50.1 75.1

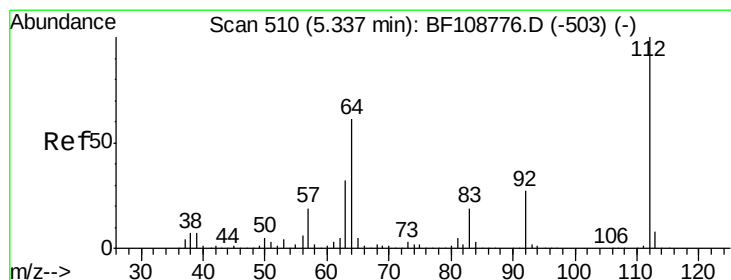
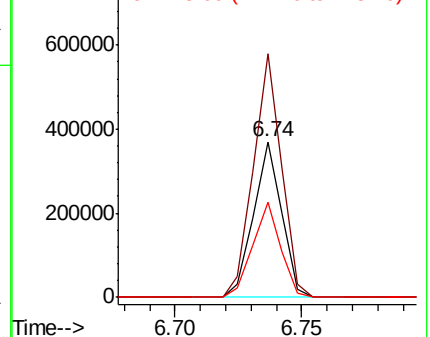
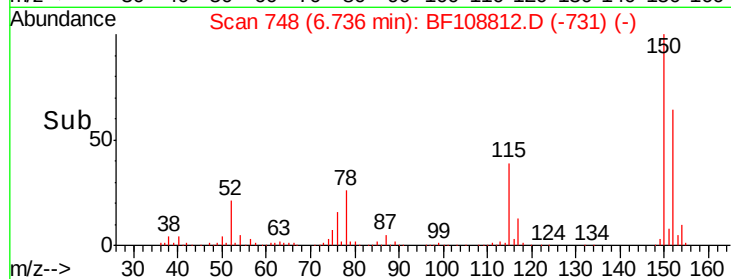


Abundance

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: 98.339 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

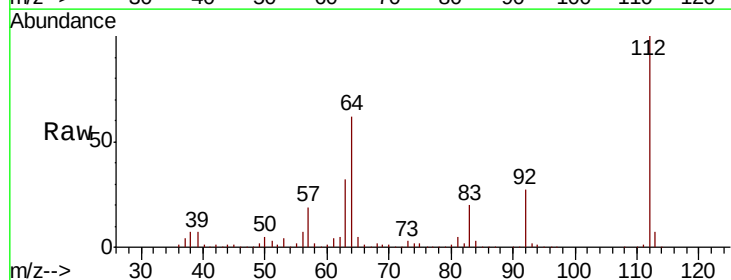
Tgt Ion:112 Resp: 1693803

Ion Ratio Lower Upper

112 100

64 61.6 47.9 71.9

63 31.8 23.7 35.5

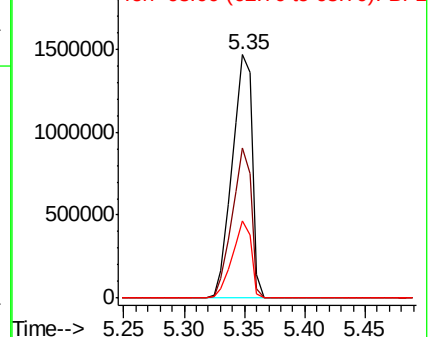
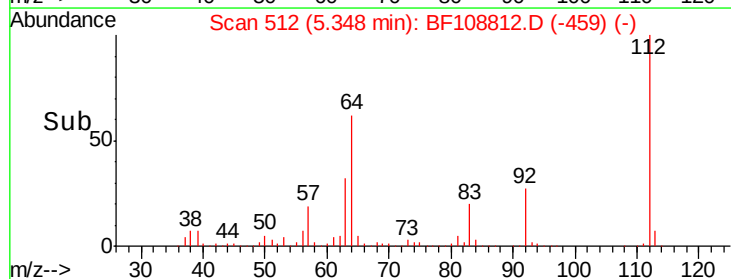


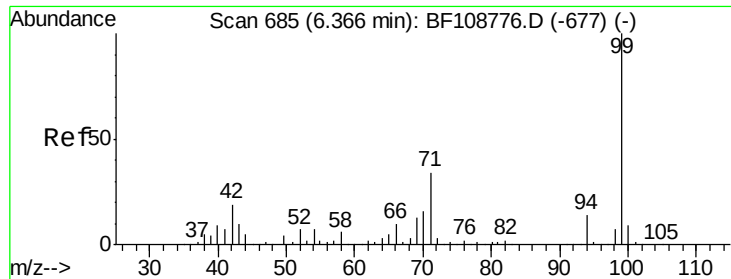
Abundance

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: 99.647 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

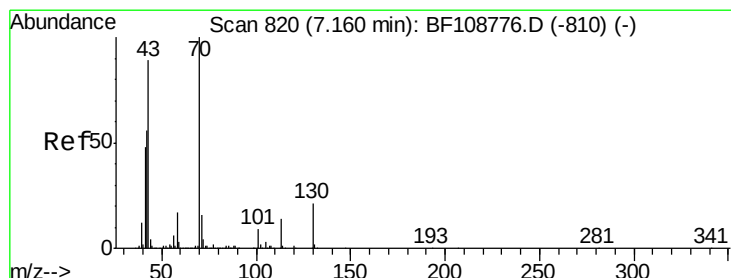
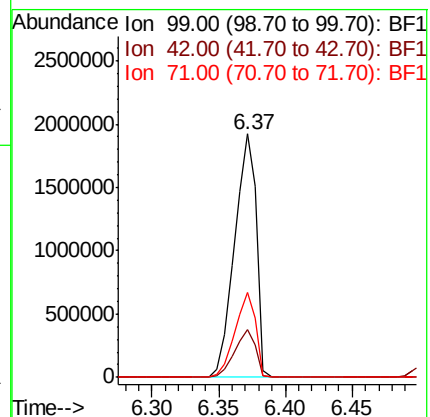
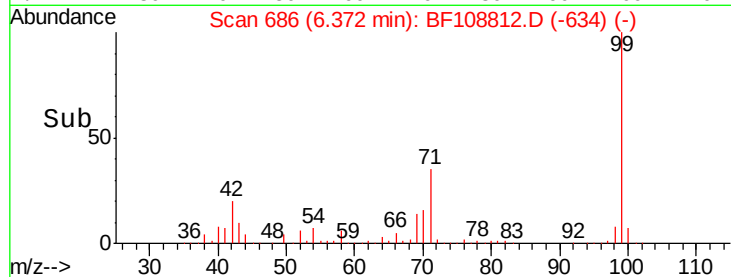
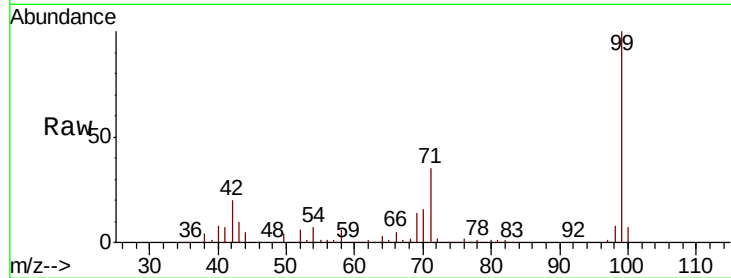
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2208339

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	35.1	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.991 ng

RT: 7.30 min Scan# 843

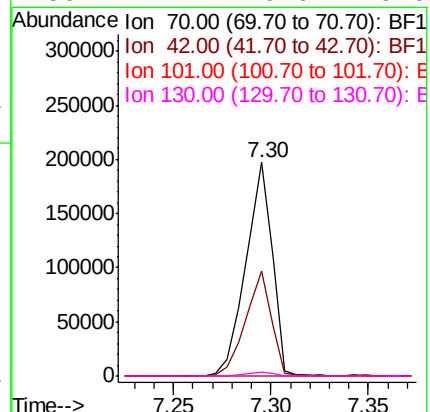
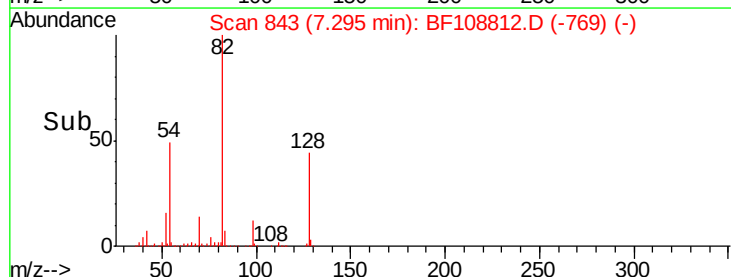
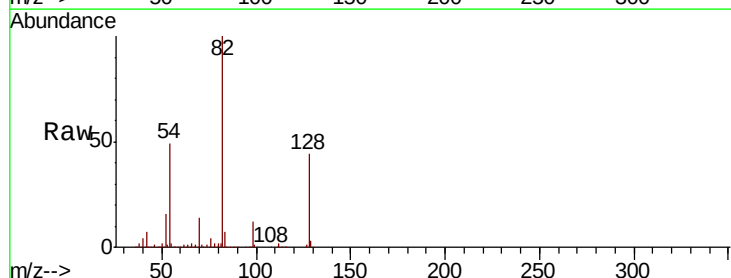
Delta R.T. 0.14 min

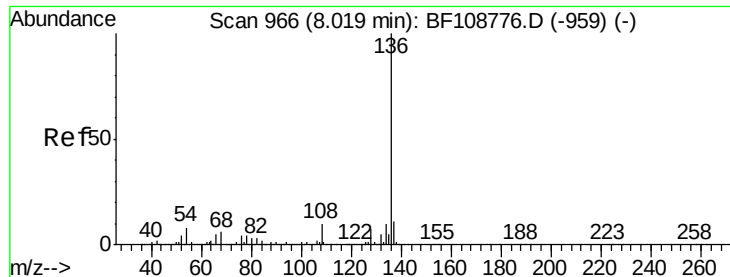
Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

Tgt Ion: 70 Resp: 184716

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



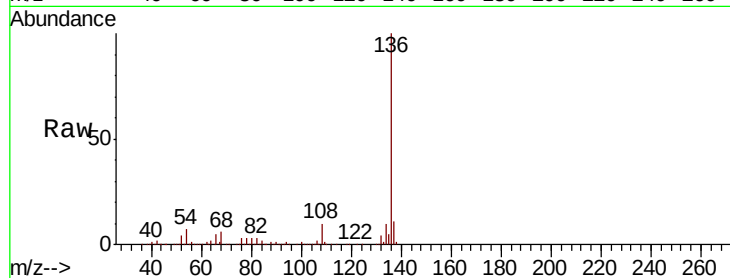


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

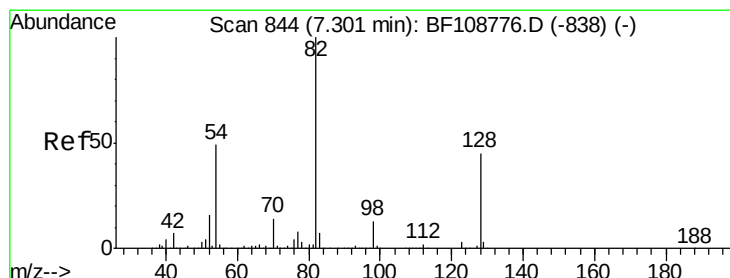
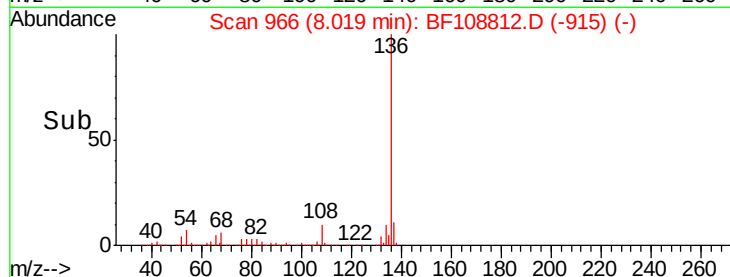
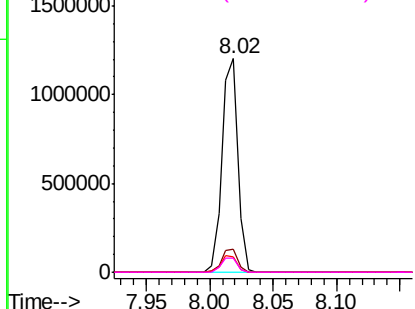
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1053784

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4



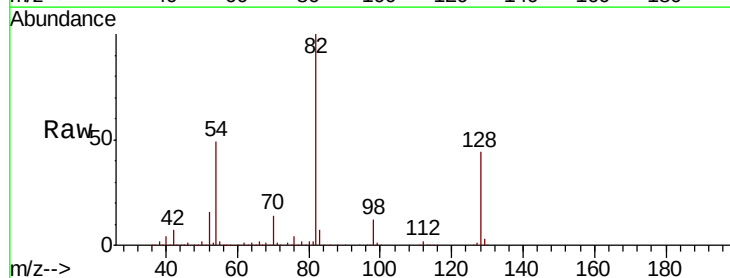
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



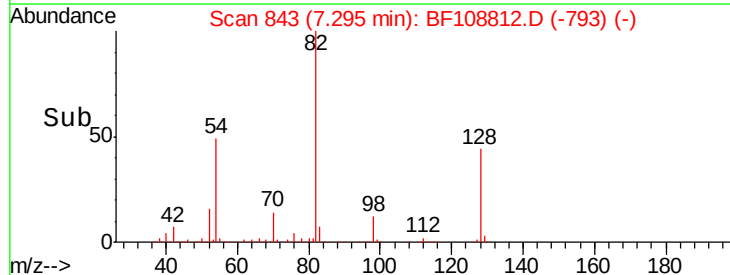
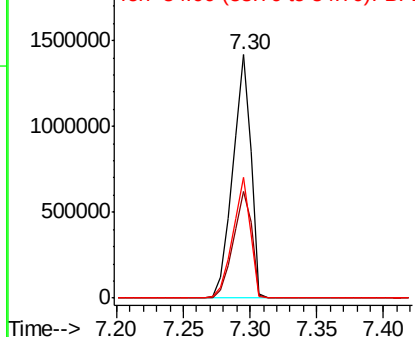
#23
Nitrobenzene-d5
Concen: 80.714 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

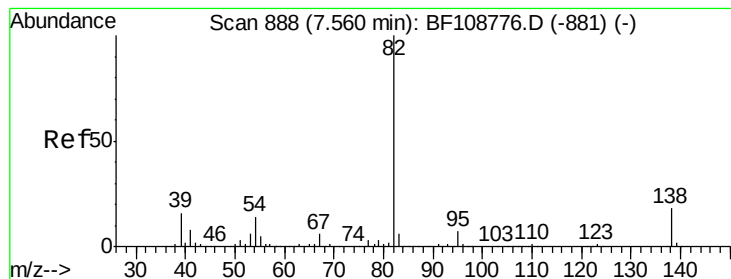
Tgt Ion: 82 Resp: 1359115

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	49.4	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: 40.333 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

Instrument :

BNA_F

ClientSampleId :

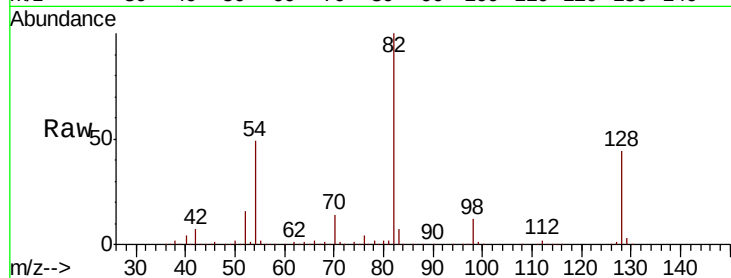
Tot Ion: 82 Resp: 1354700

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

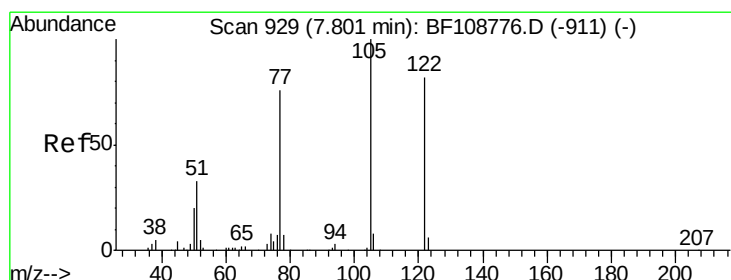
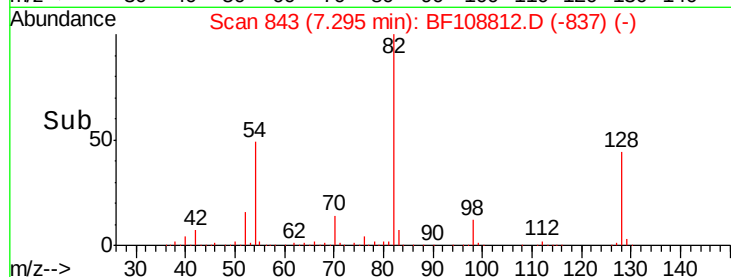
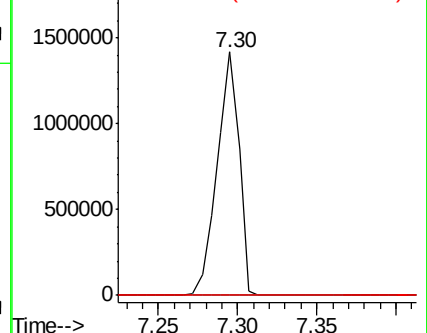
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 4.030 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.22 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

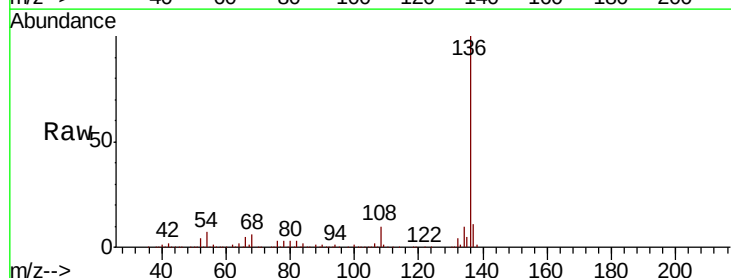
Tgt Ion: 122 Resp: 115

Ion Ratio Lower Upper

122 100

105 307.6 101.1 141.1#

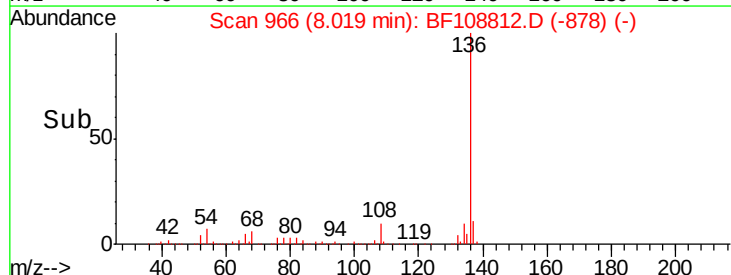
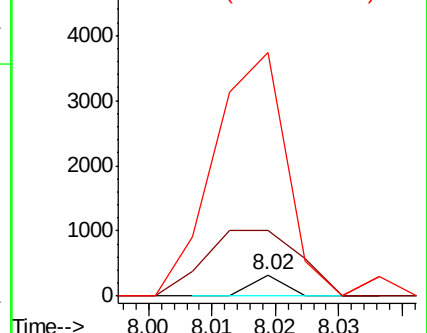
77 1142.8 70.7 110.7#

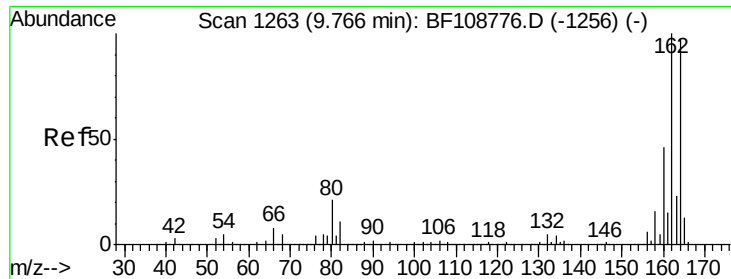


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

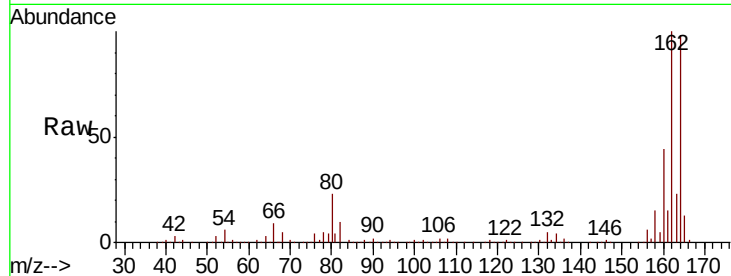




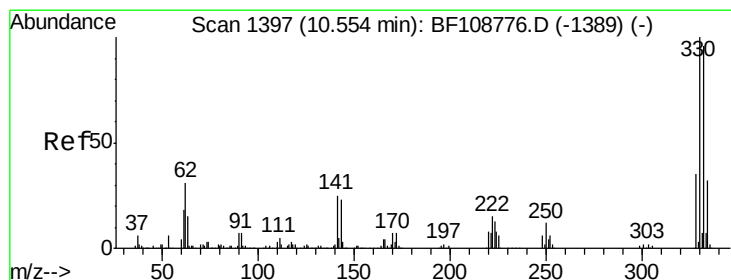
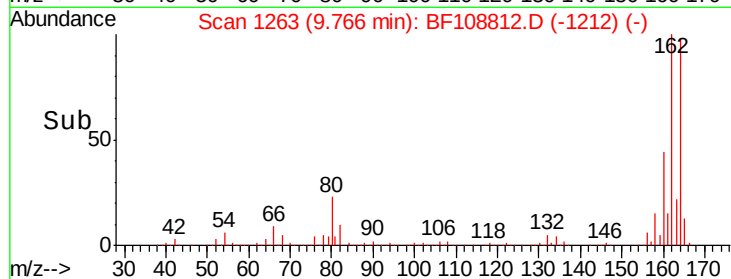
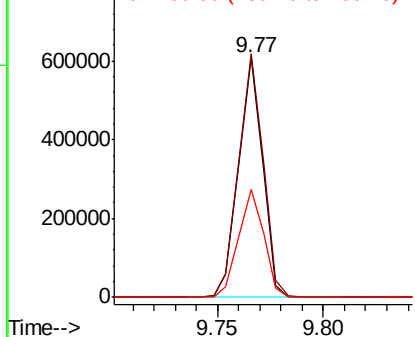
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108812.D
 Acq: 6 Sep 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 475751
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 45.2 38.3 57.5

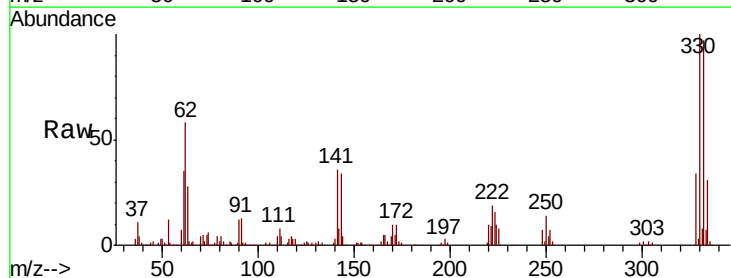


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

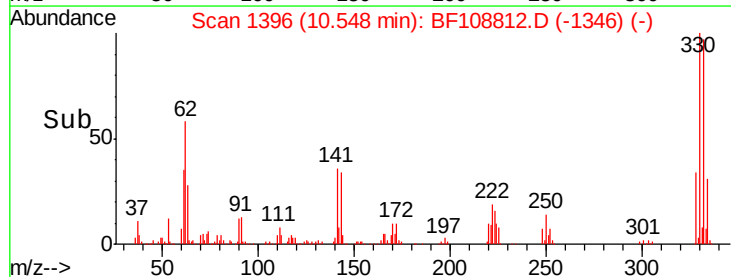
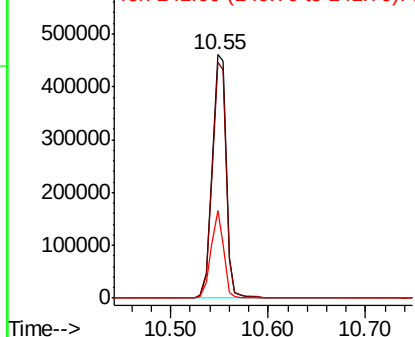


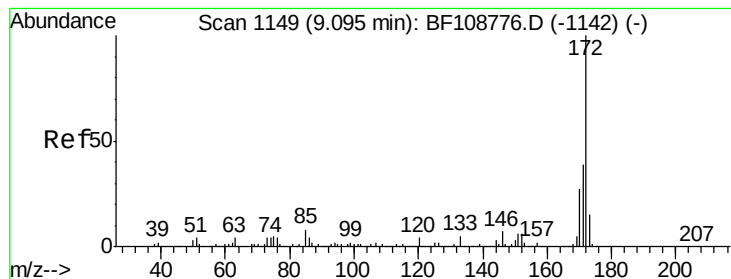
#41
 2,4,6-Tribromophenol
 Concen: 100.877 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108812.D
 Acq: 6 Sep 2018 8:58

Tgt Ion:330 Resp: 458157
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 32.4 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

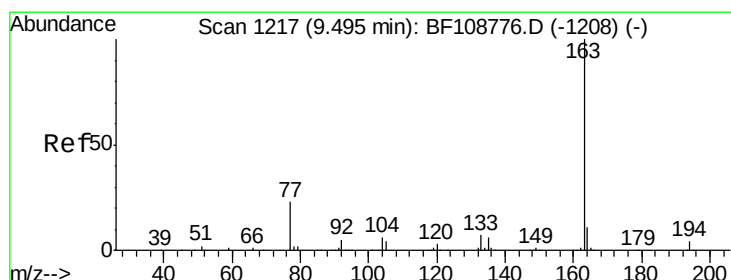
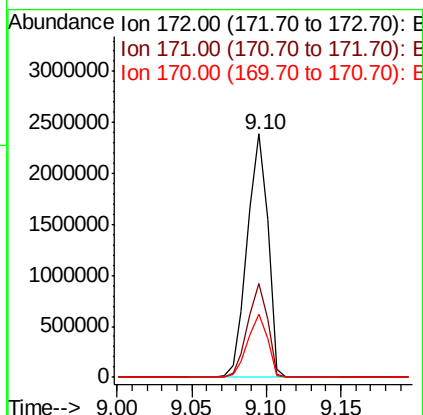
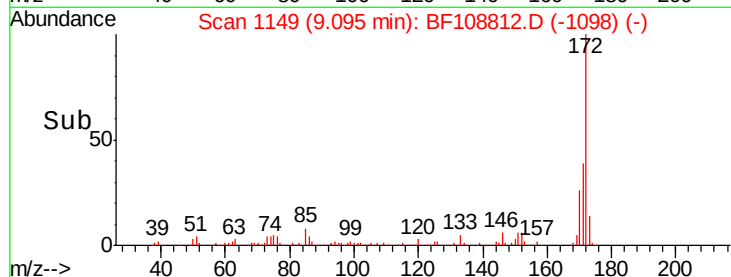
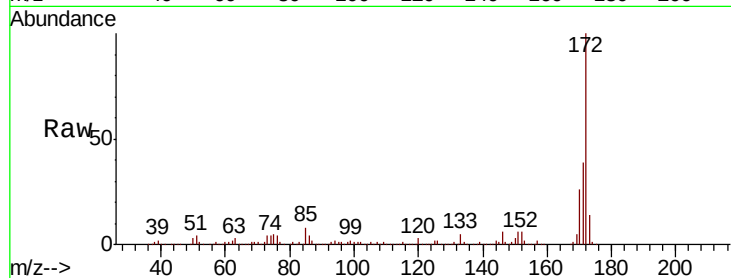




#44
2-Fluorobiphenyl
Concen: 81.880 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

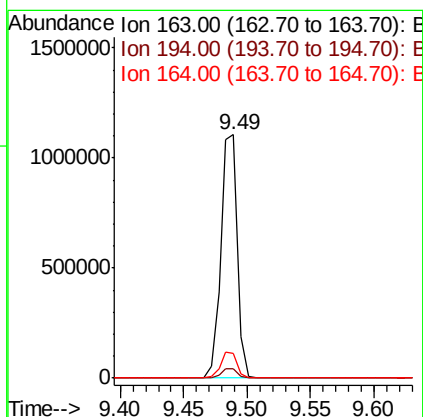
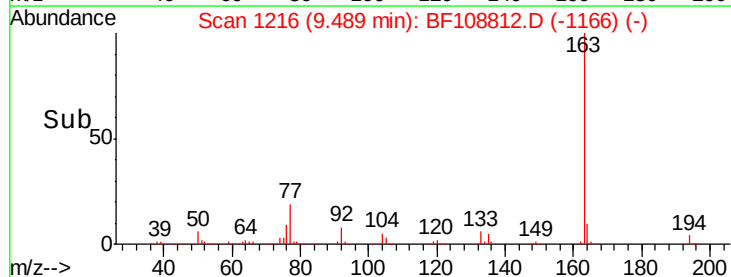
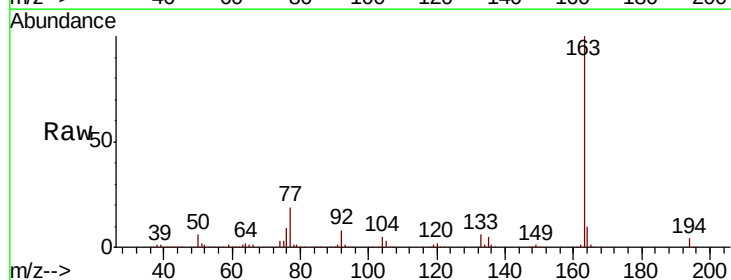
Instrument :
BNA_F
ClientSampleId :

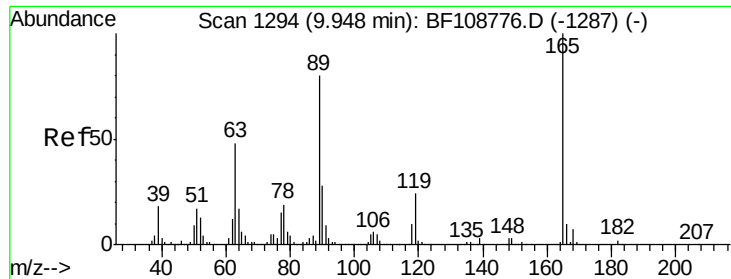
Tot Ion:172 Resp: 2283416
Ion Ratio Lower Upper
172 100
171 38.6 29.7 44.5
170 26.1 19.6 29.4



#49
Dimethylphthalate
Concen: 30.156 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:163 Resp: 1003464
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2

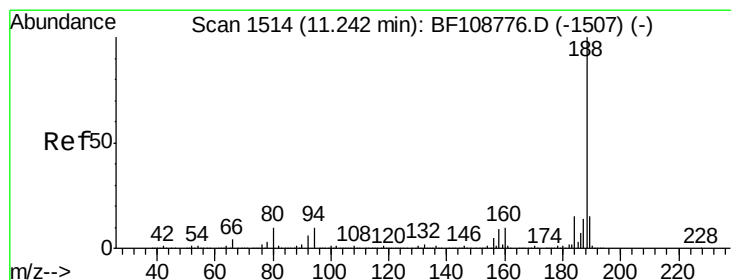
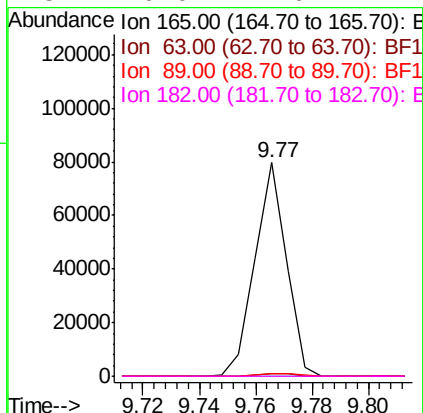
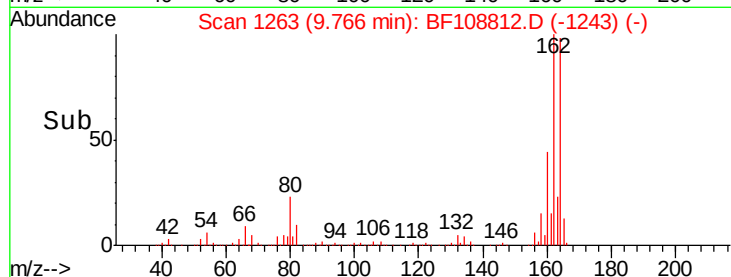
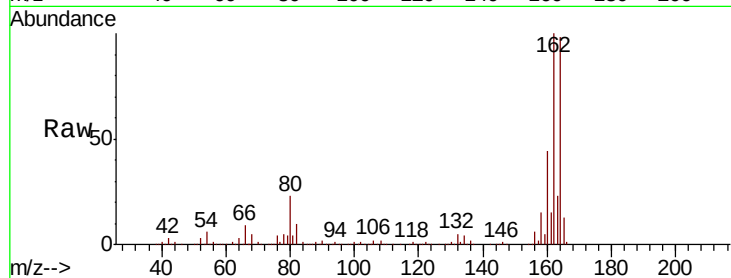




#56
 2,4-Dinitrotoluene
 Concen: 7.630 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108812.D
 Acq: 6 Sep 2018 8:58

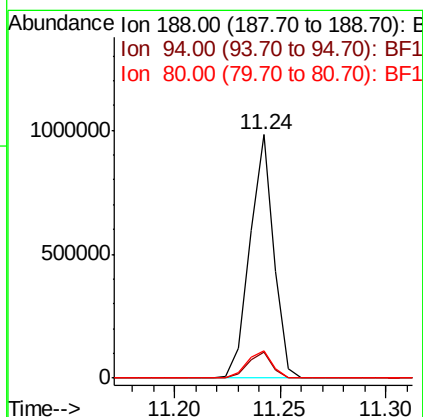
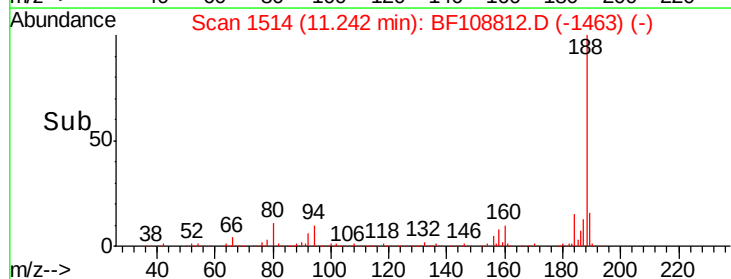
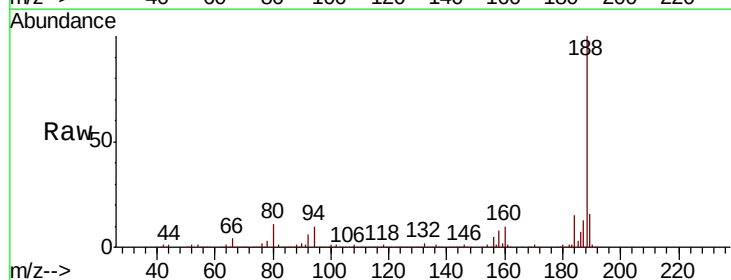
Instrument :
 BNA_F
 ClientSampleId :

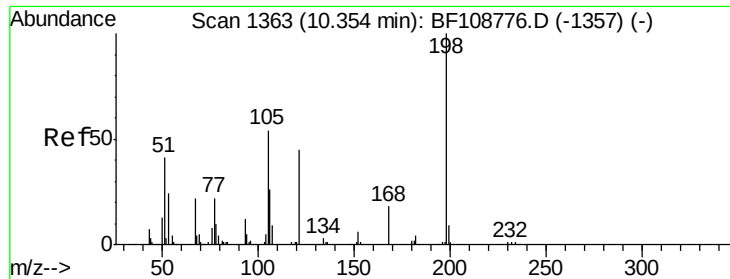
Tot Ion:	165	Resp:	61868
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108812.D
 Acq: 6 Sep 2018 8:58

Tgt Ion:	188	Resp:	770098
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

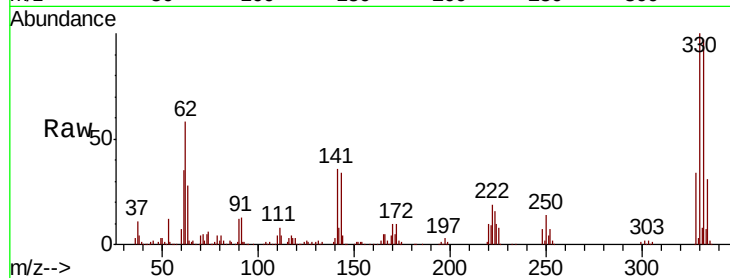




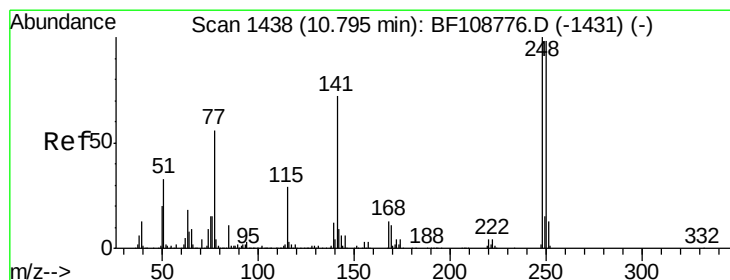
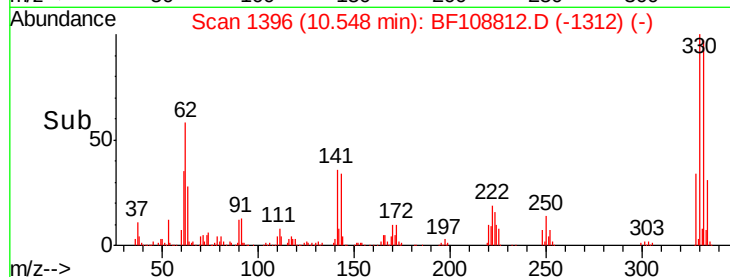
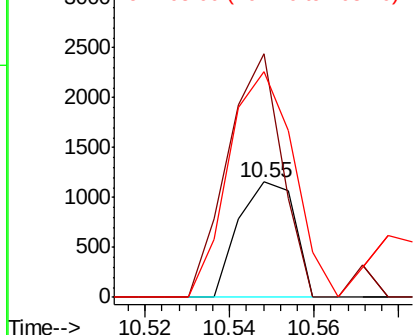
#64
4,6-Dinitro-2-methylphenol
Concen: 7.169 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 1061
Ion Ratio Lower Upper
198 100
51 211.4 37.7 77.7#
105 195.6 36.3 76.3#

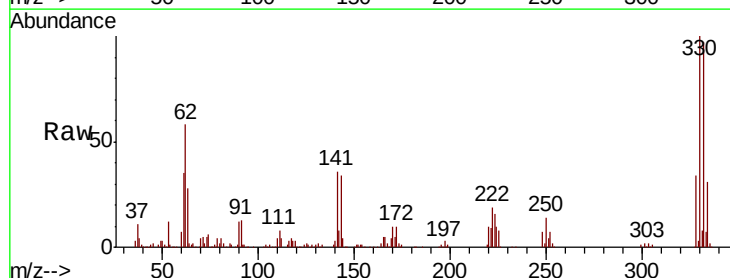


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

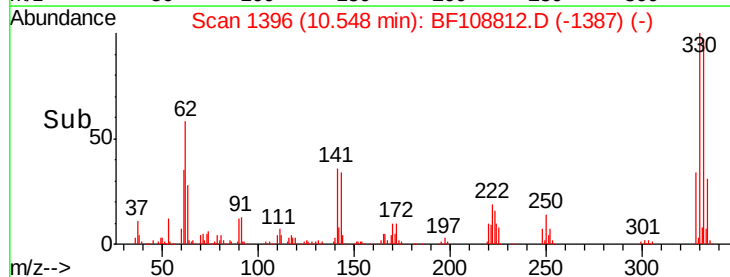
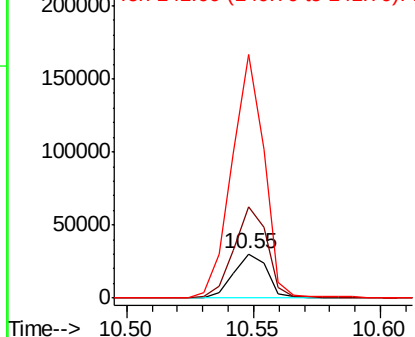


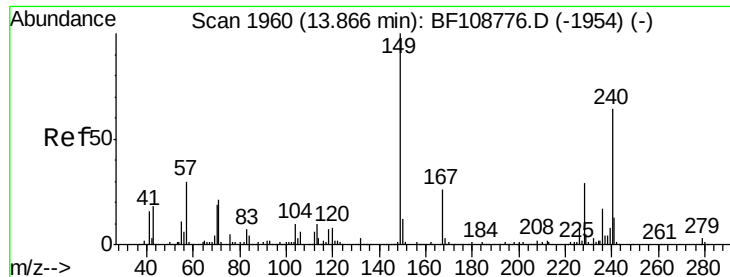
#66
4-Bromophenyl-phenylether
Concen: 3.258 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:248 Resp: 28334
Ion Ratio Lower Upper
248 100
250 205.0 76.9 115.3#
141 546.4 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. -0.00 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

Instrument :

BNA_F

ClientSampleId :

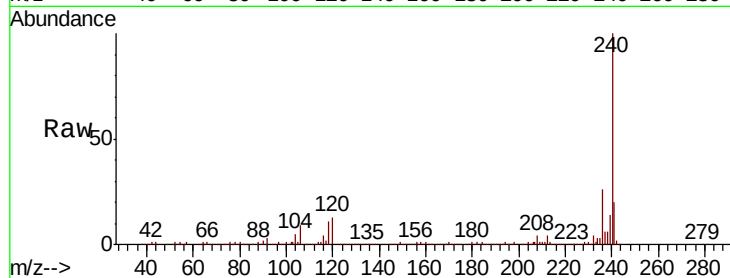
Tot Ion:240 Resp: 576022

Ion Ratio Lower Upper

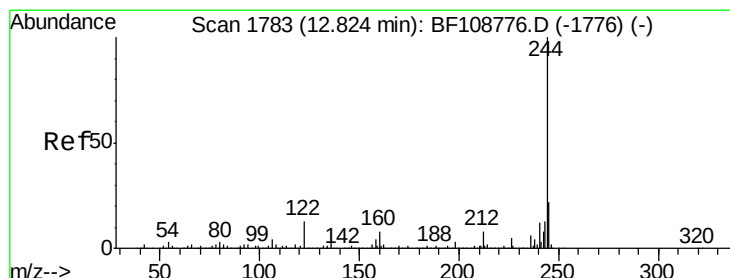
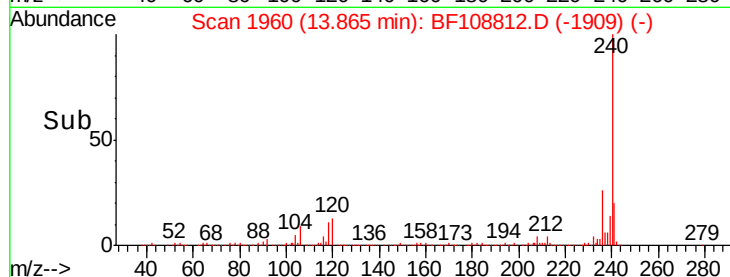
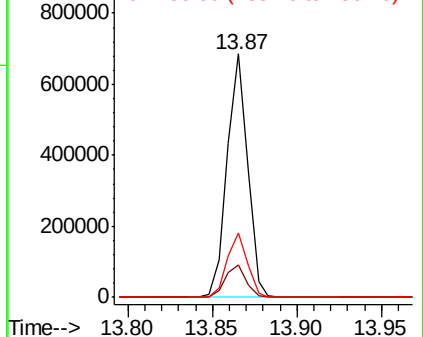
240 100

120 13.1 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: 71.231 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

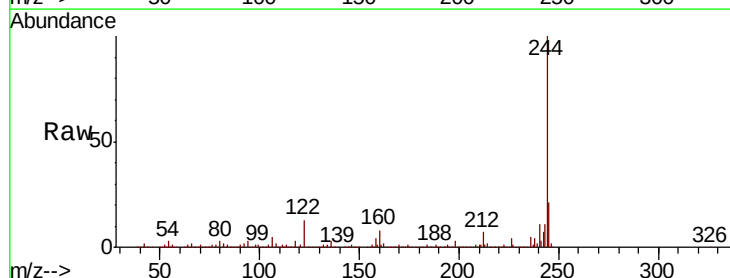
Tgt Ion:244 Resp: 1759526

Ion Ratio Lower Upper

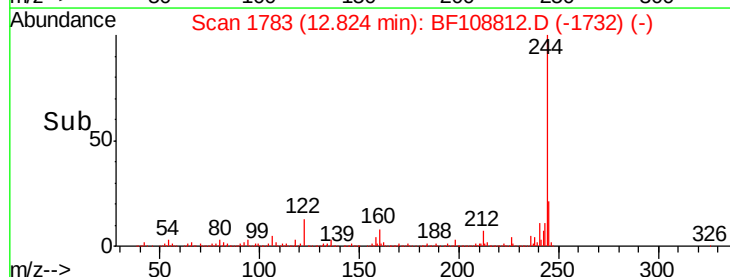
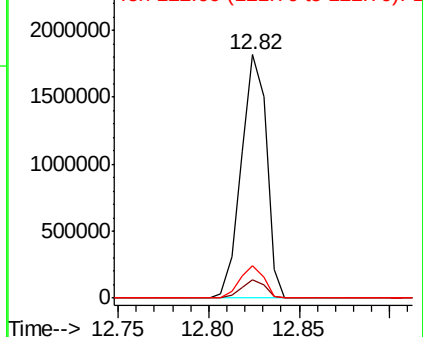
244 100

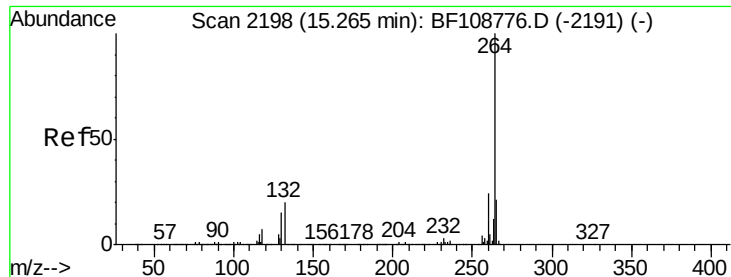
212 7.4 5.4 8.0

122 13.4 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

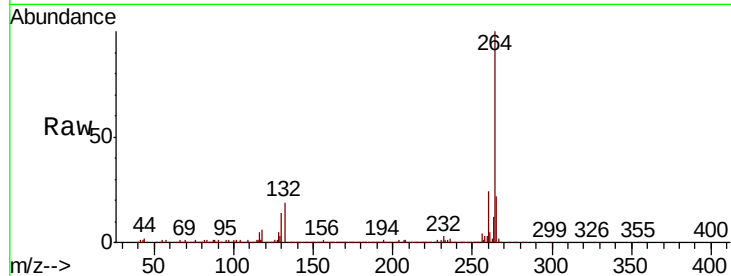




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	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

