

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108946.D
 Acq On : 11 Sep 2018 20:11
 Operator : JU/SJ
 Sample : J4724-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 03:36:05 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

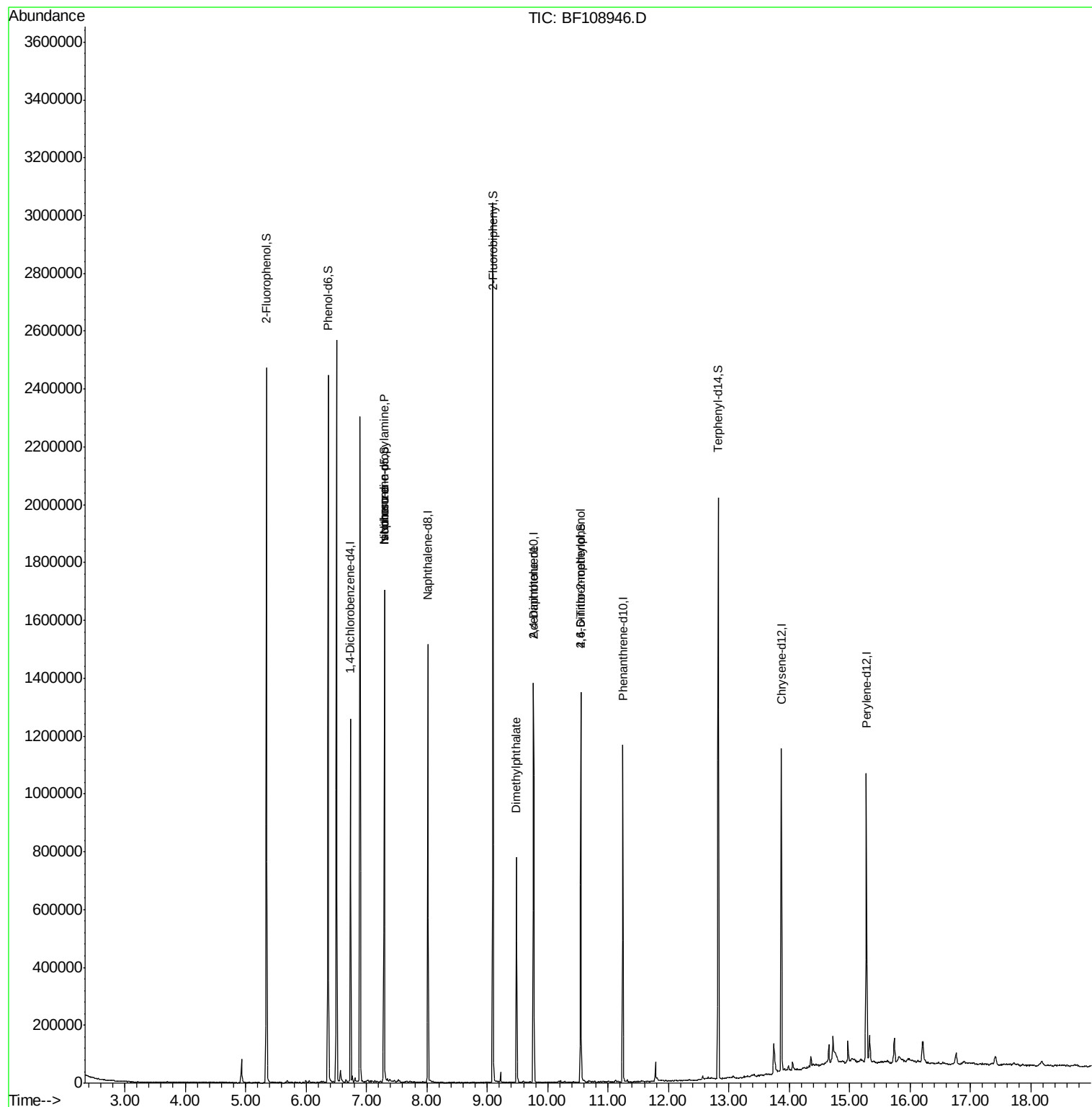
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	165270	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	595207	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	257979	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	403042	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391266	20.00	ng	0.00
86) Perylene-d12	15.28	264	450804	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	673412	67.50	ng	0.01
7) Phenol-d6	6.37	99	850296	66.24	ng	0.00
23) Nitrobenzene-d5	7.30	82	526512	55.36	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	148994	60.50	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	884920	58.52	ng	0.00
78) Terphenyl-d14	12.82	244	636128	37.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	71023	7.960	ng	# 76
25) Isophorone	7.30	82	521843	27.507	ng	# 64
49) Dimethylphthalate	9.48	163	283642	15.720	ng	99
56) 2,4-Dinitrotoluene	9.77	165	33267	7.566	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	110	6.928	ng	# 1

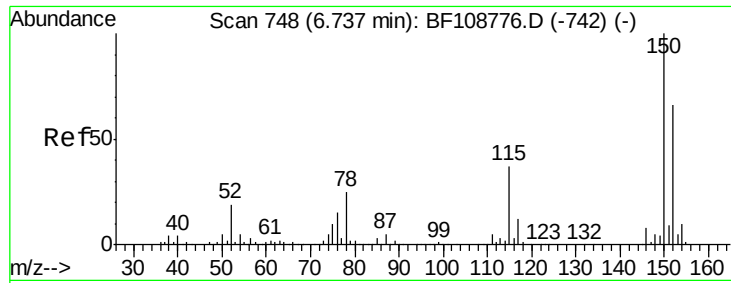
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



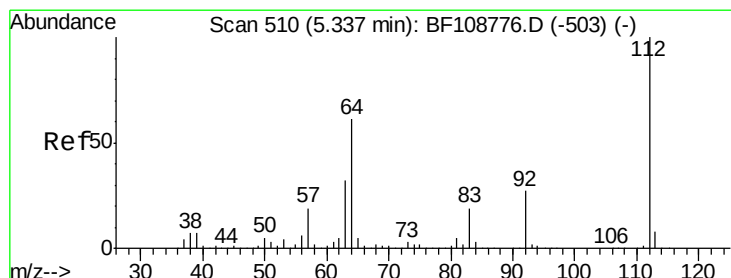
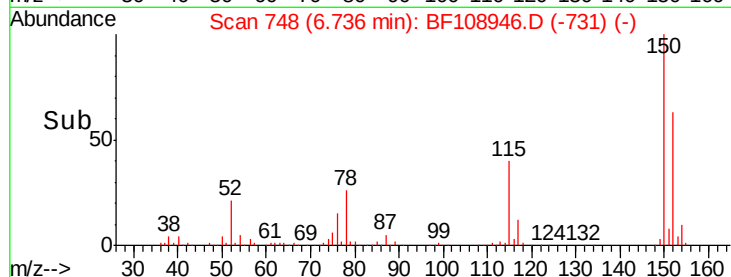
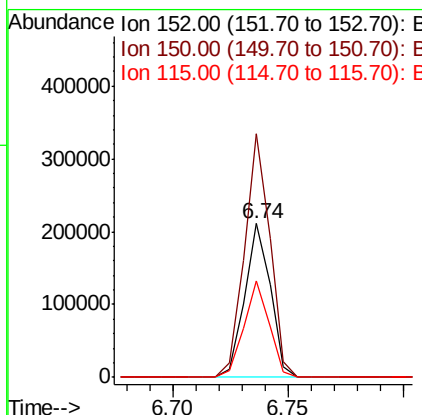
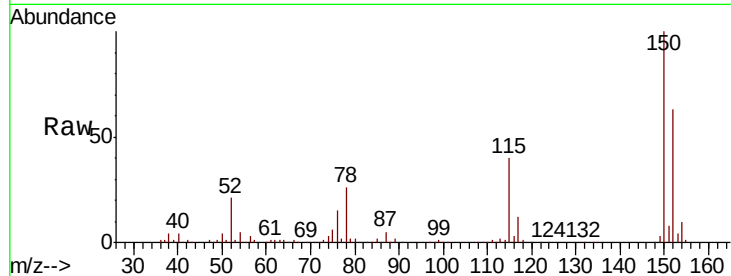


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108946.D
Acq: 11 Sep 2018 20:11

Instrument :
BNA_F
ClientSampleId :

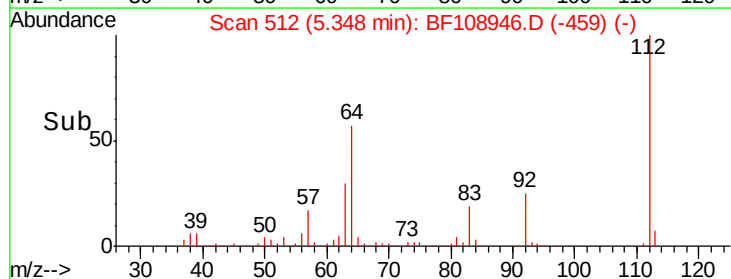
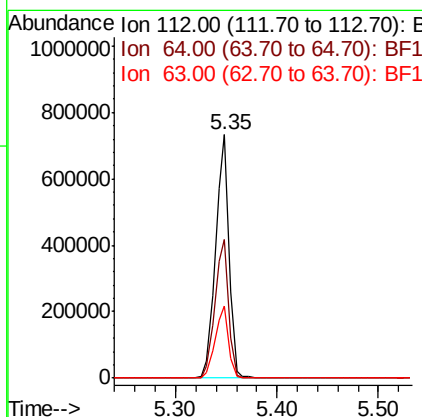
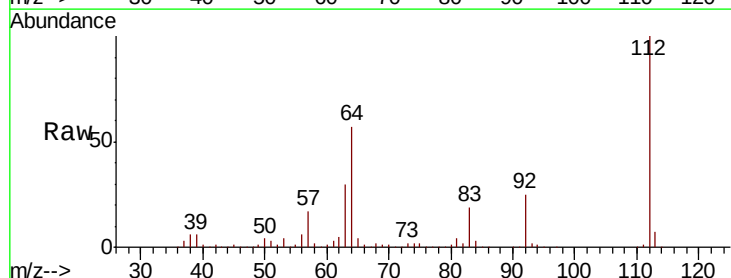
Tot Ion:152 Resp: 165270
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.8 50.1 75.1

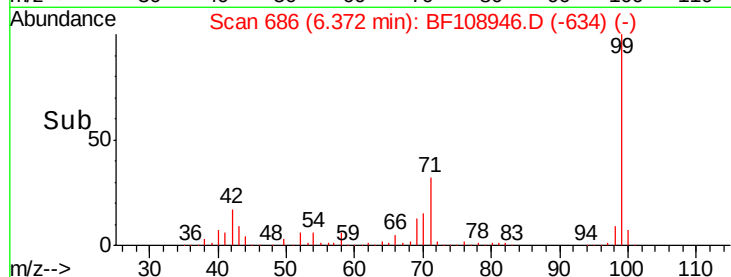
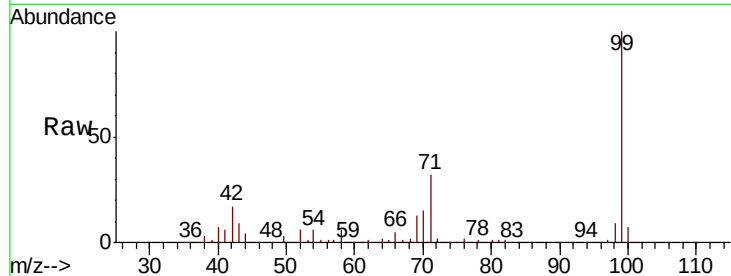
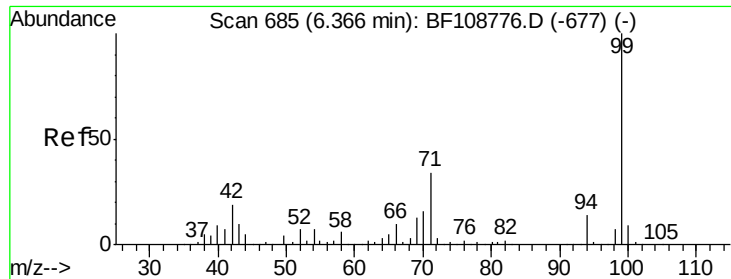


#5

2-Fluorophenol
Concen: 67.503 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108946.D
Acq: 11 Sep 2018 20:11

Tgt Ion:112 Resp: 673412
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 66.244 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108946.D

Acq: 11 Sep 2018 20:11

Instrument :

BNA_F

ClientSampled :

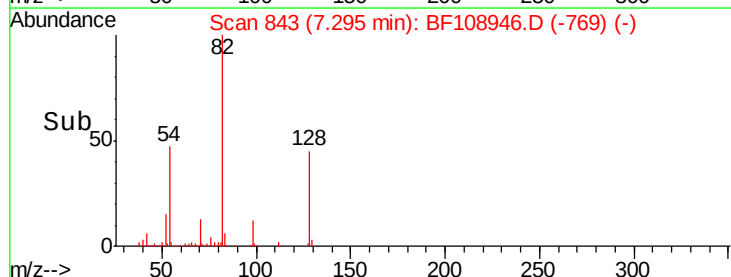
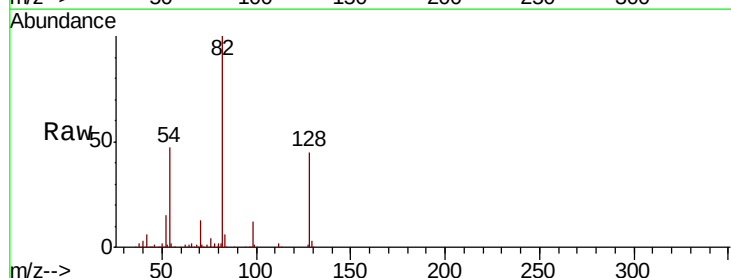
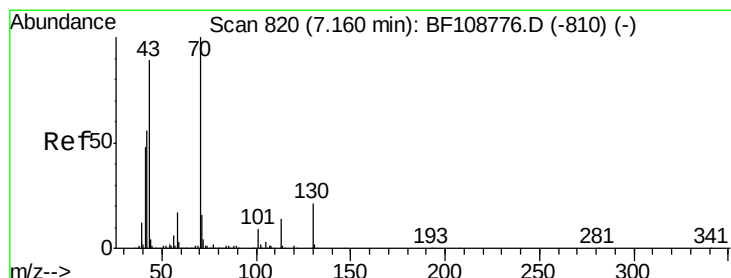
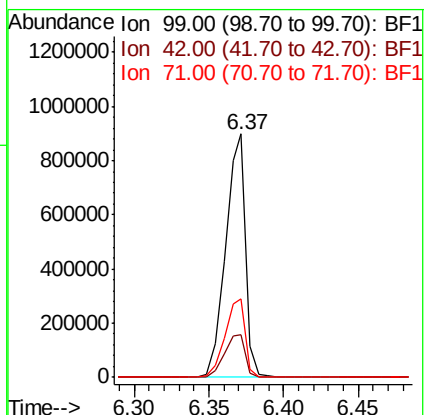
Tot Ion: 99 Resp: 850296

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 7.960 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108946.D

Acq: 11 Sep 2018 20:11

Tgt Ion: 70 Resp: 71023

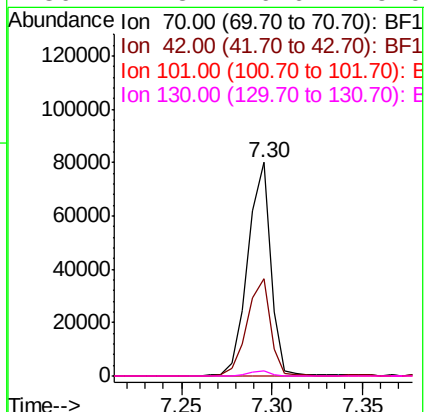
Ion Ratio Lower Upper

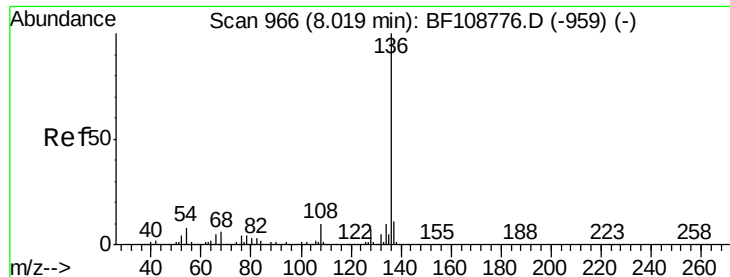
70 100

42 45.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

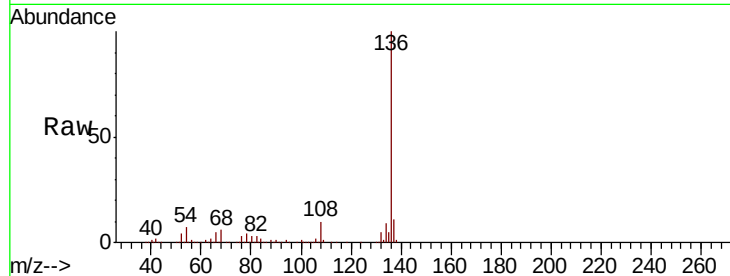




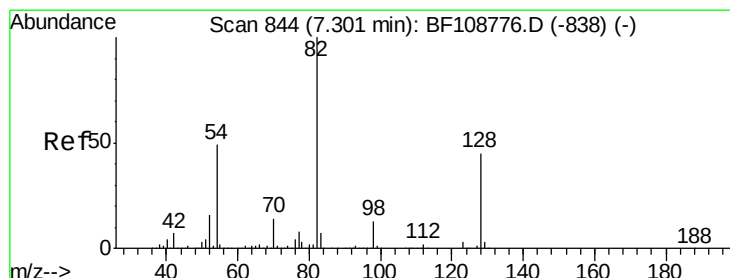
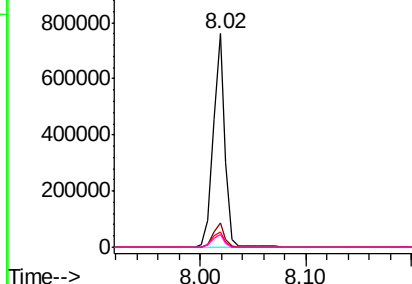
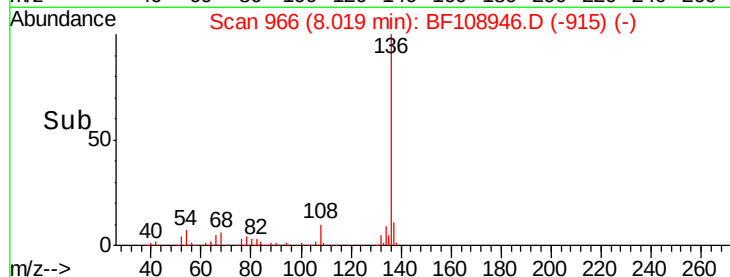
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108946.D
Acq: 11 Sep 2018 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	595207
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.3	6.6 9.8
68	5.9	5.0 7.4

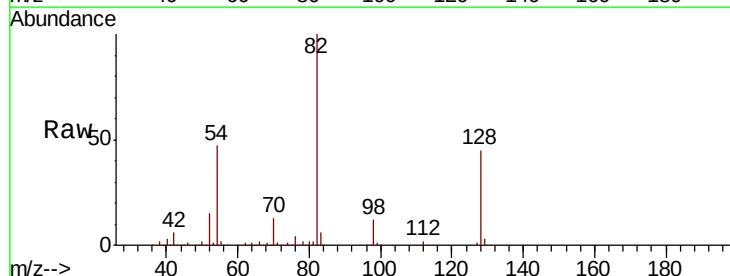


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

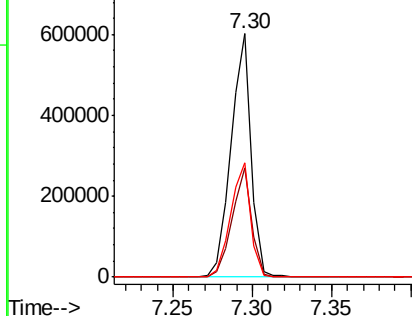
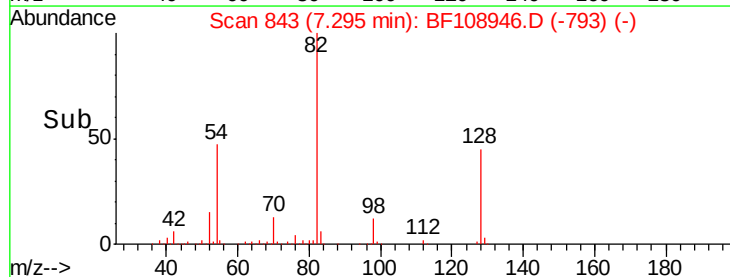


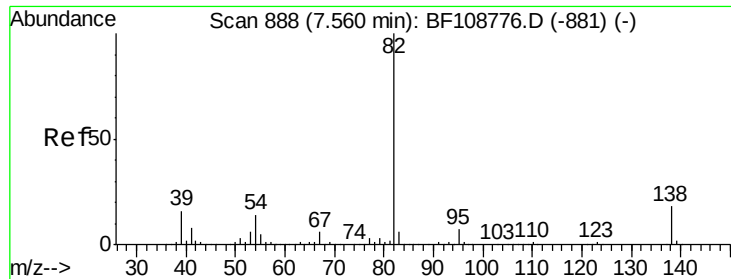
#23
Nitrobenzene-d5
Concen: 55.358 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108946.D
Acq: 11 Sep 2018 20:11

Tgt Ion: 82	Resp:	526512
Ion Ratio	Lower	Upper
82	100	
128	44.9	36.1 54.1
54	47.1	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: 27.507 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108946.D

Acq: 11 Sep 2018 20:11

Instrument :

BNA_F

ClientSampleId :

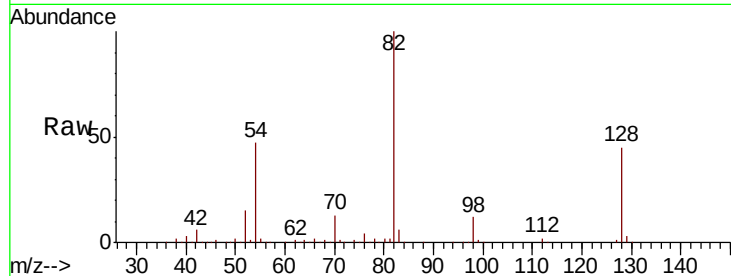
Tot Ion: 82 Resp: 521843

Ion Ratio Lower Upper

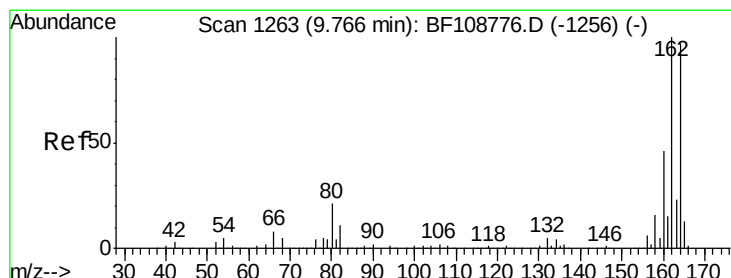
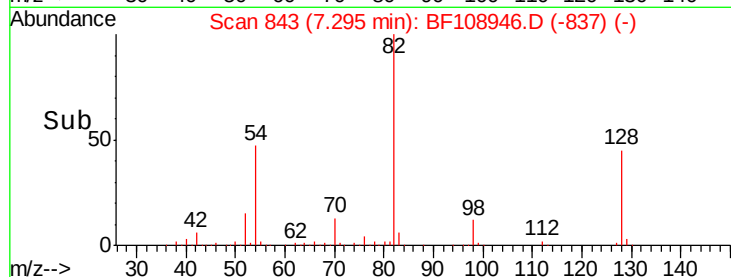
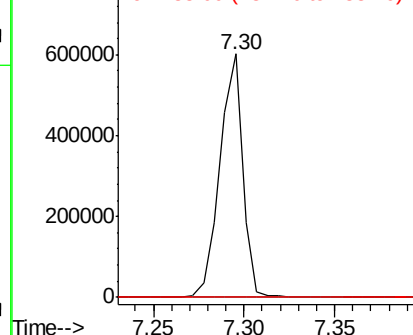
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108946.D

Acq: 11 Sep 2018 20:11

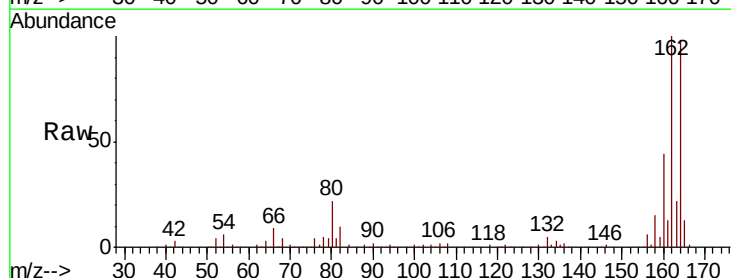
Tgt Ion: 164 Resp: 257979

Ion Ratio Lower Upper

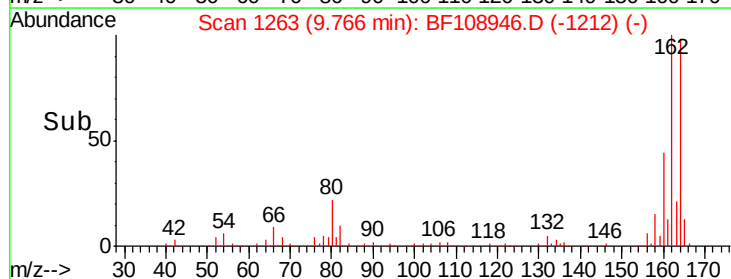
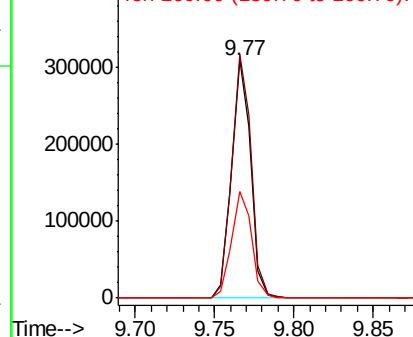
164 100

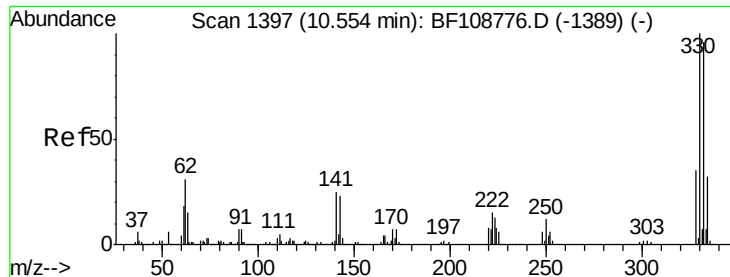
162 102.2 86.1 129.1

160 44.7 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

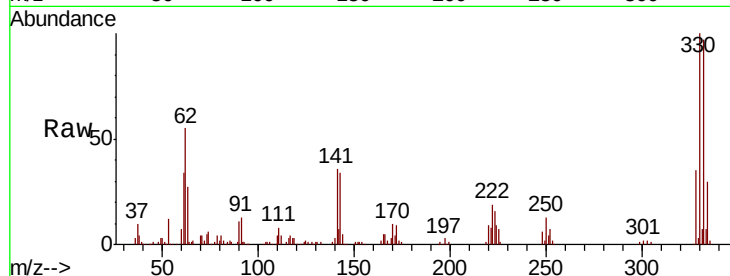




#41
 2,4,6-Tribromophenol
 Concen: 60.498 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108946.D
 Acq: 11 Sep 2018 20:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	33.3	29.9	44.9

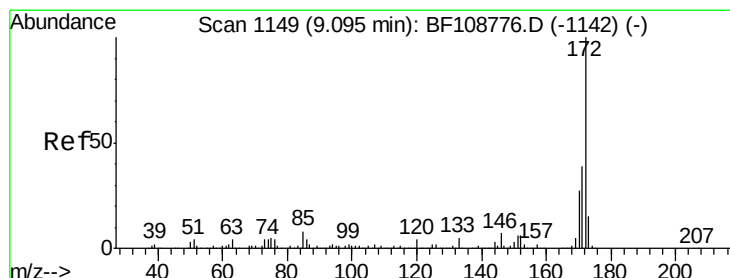
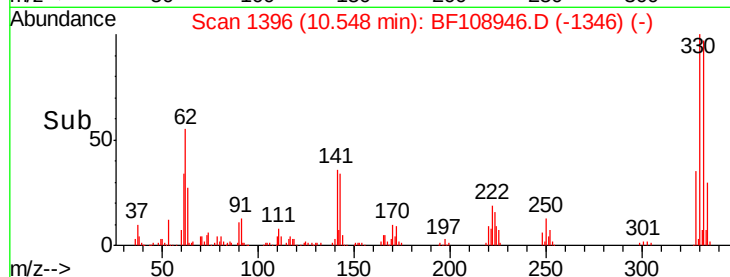
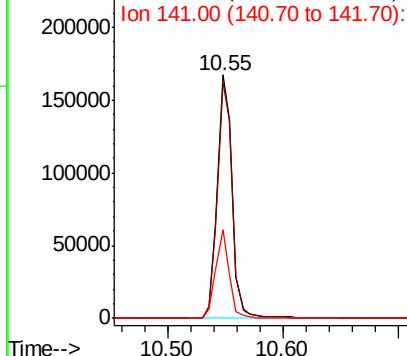


Abundance

Ion 329.80 (329.50 to 330.50): E

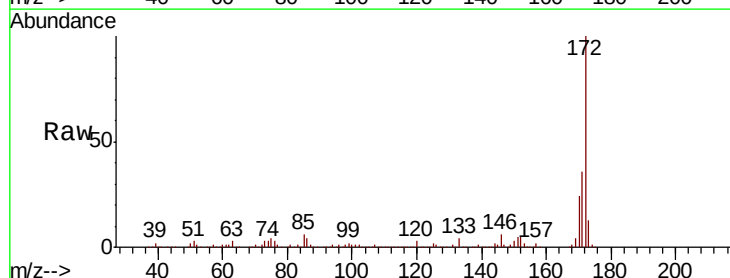
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 58.519 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108946.D
 Acq: 11 Sep 2018 20:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

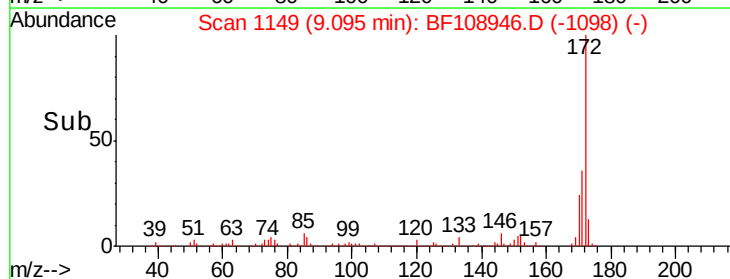
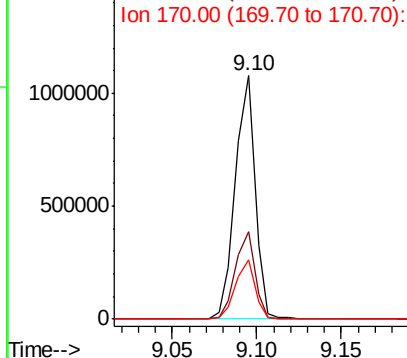


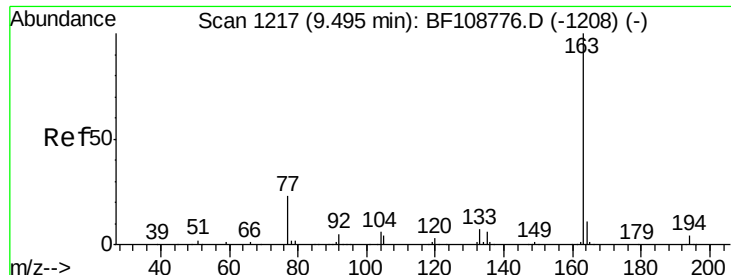
Abundance

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

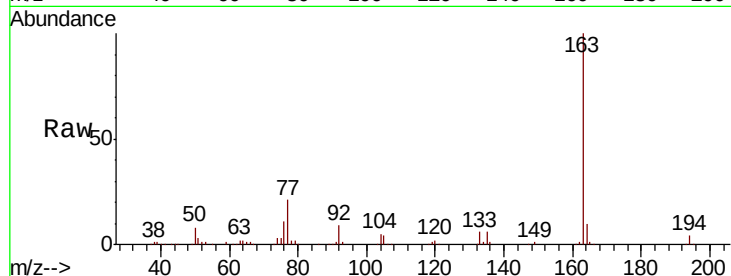




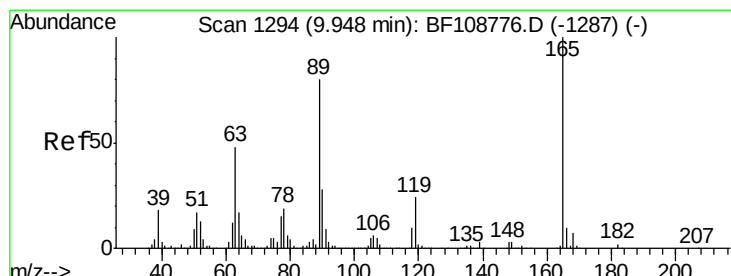
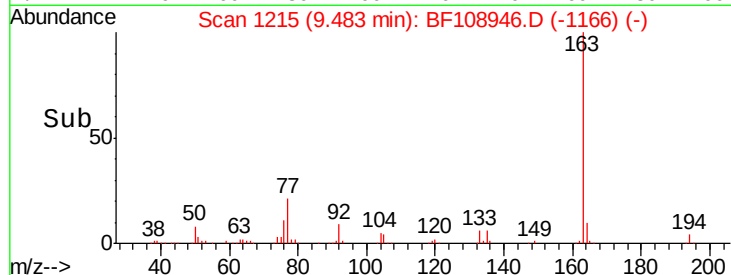
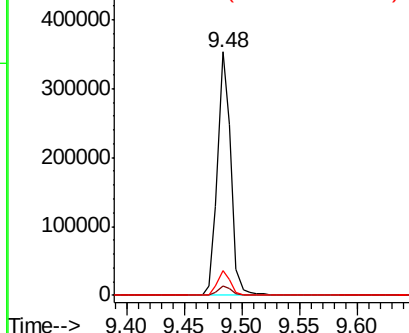
#49
Dimethylphthalate
Concen: 15.720 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108946.D
Acq: 11 Sep 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 283642
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 8.2 12.2

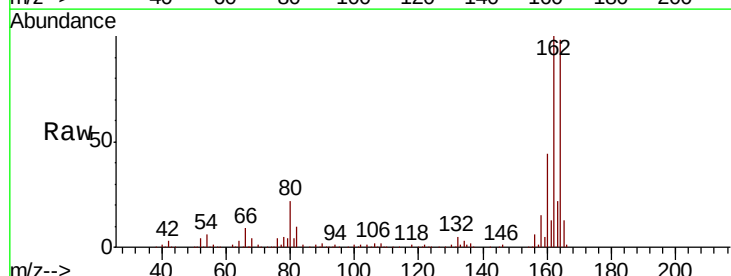


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

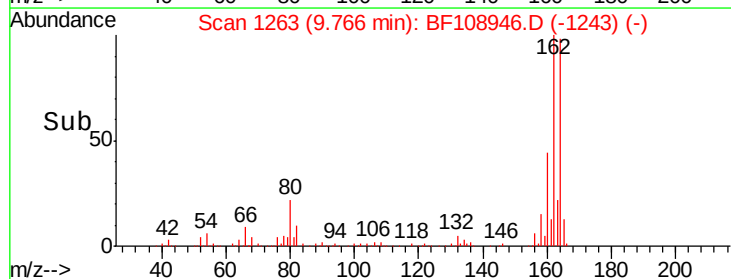
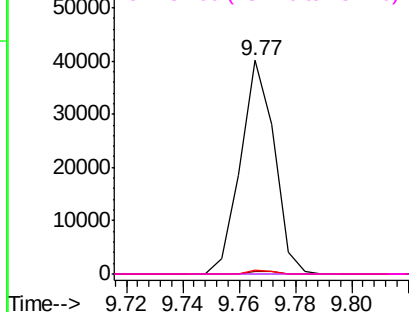


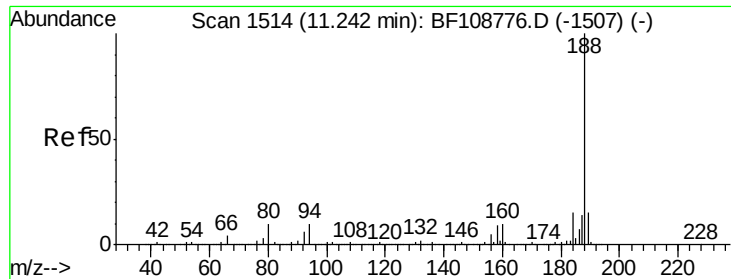
#56
2,4-Dinitrotoluene
Concen: 7.566 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108946.D
Acq: 11 Sep 2018 20:11

Tgt Ion:165 Resp: 33267
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.6 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

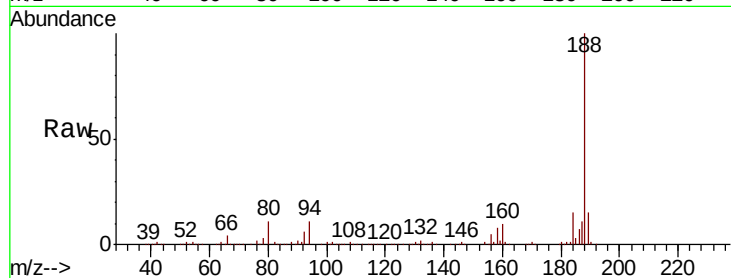




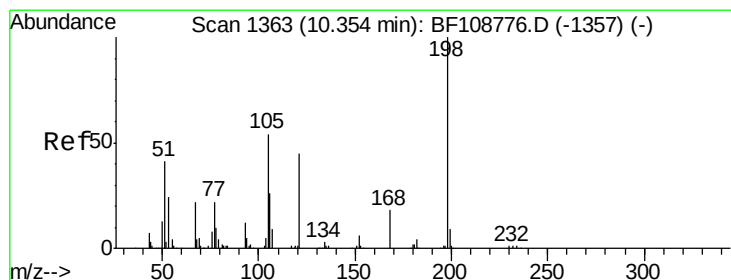
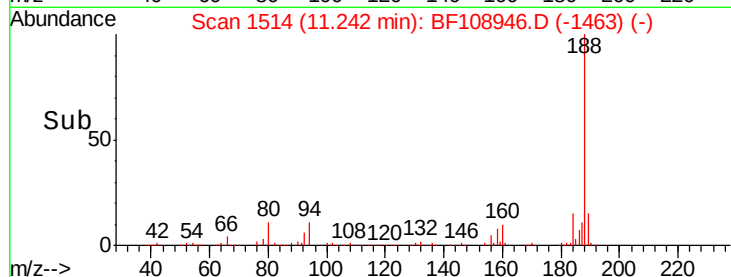
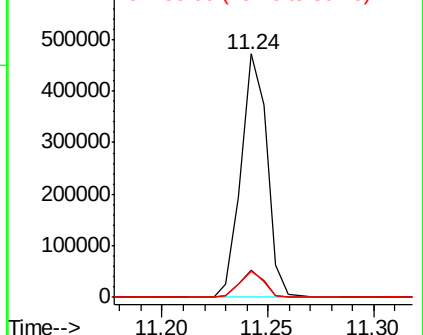
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108946.D
Acq: 11 Sep 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 403042
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 10.9 9.2 13.8

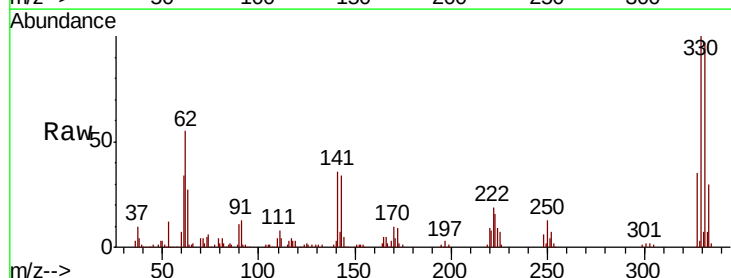


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

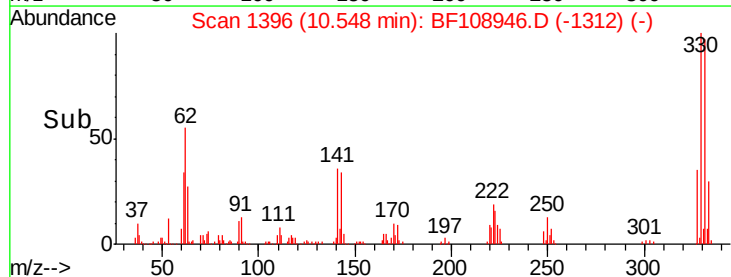
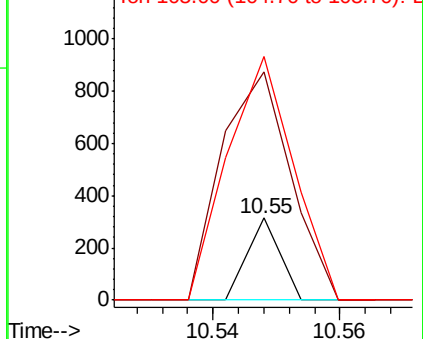


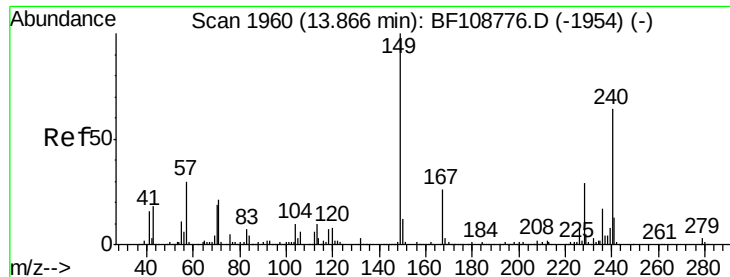
#64
4,6-Dinitro-2-methylphenol
Concen: 6.928 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108946.D
Acq: 11 Sep 2018 20:11

Tgt Ion:198 Resp: 110
Ion Ratio Lower Upper
198 100
51 278.6 37.7 77.7#
105 297.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108946.D

Acq: 11 Sep 2018 20:11

Instrument :

BNA_F

ClientSampleId :

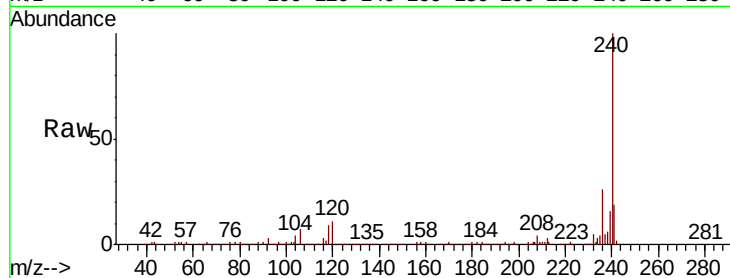
Tot Ion:240 Resp: 391266

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

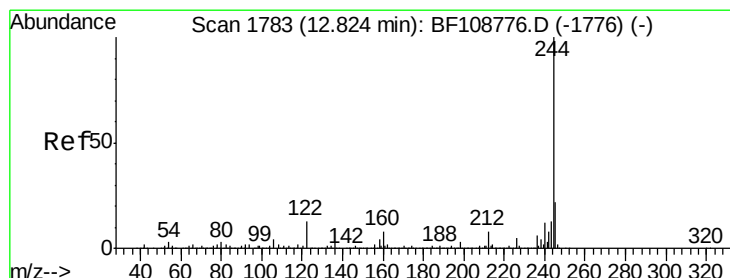
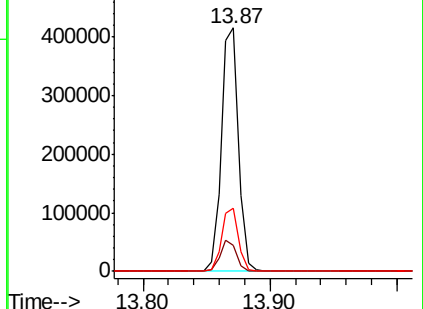
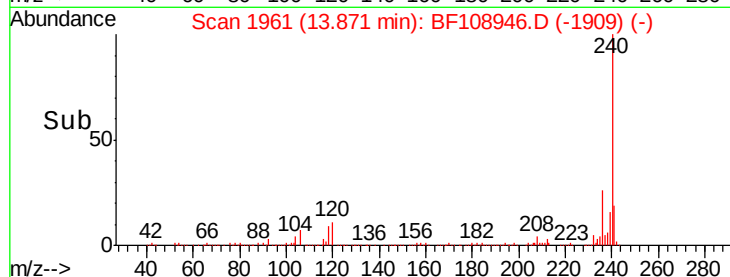
236 25.9 20.7 31.1



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: 37.913 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108946.D

Acq: 11 Sep 2018 20:11

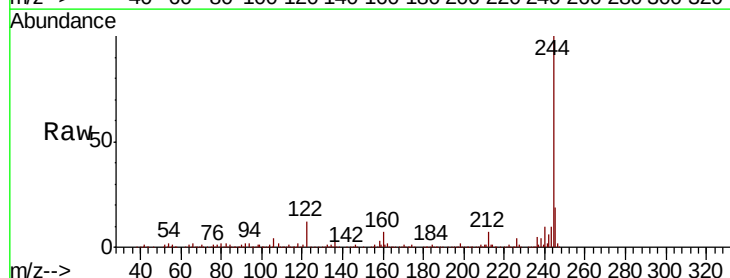
Tgt Ion:244 Resp: 636128

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

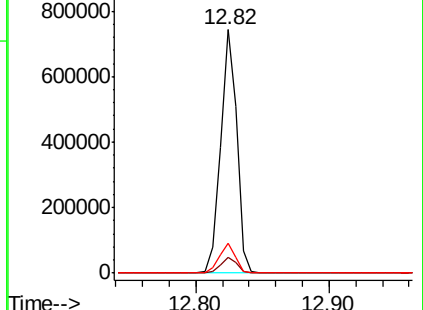
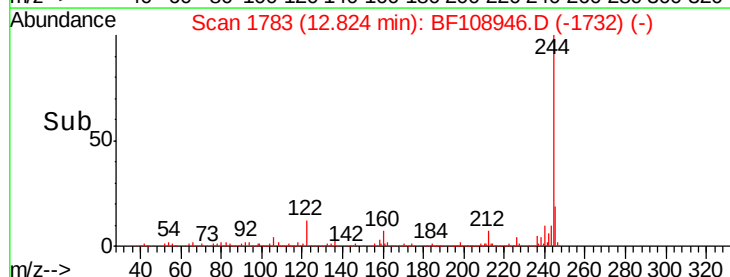
122 12.4 11.0 16.4

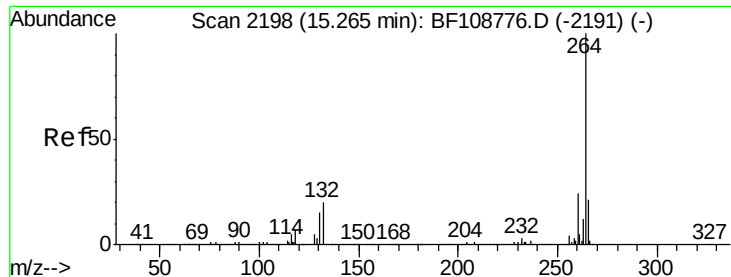


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

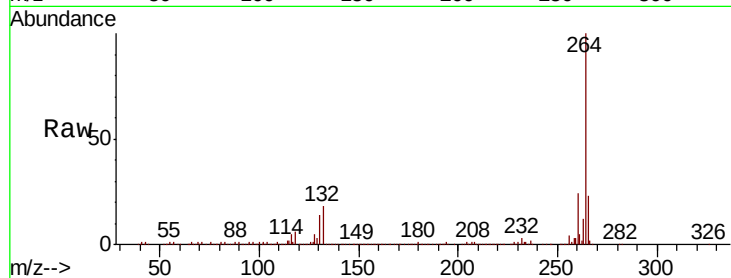




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108946.D
 Acq: 11 Sep 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.7	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

