

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108936.D
 Acq On : 11 Sep 2018 15:41
 Operator : JU/SJ
 Sample : J4845-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 16:31:59 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

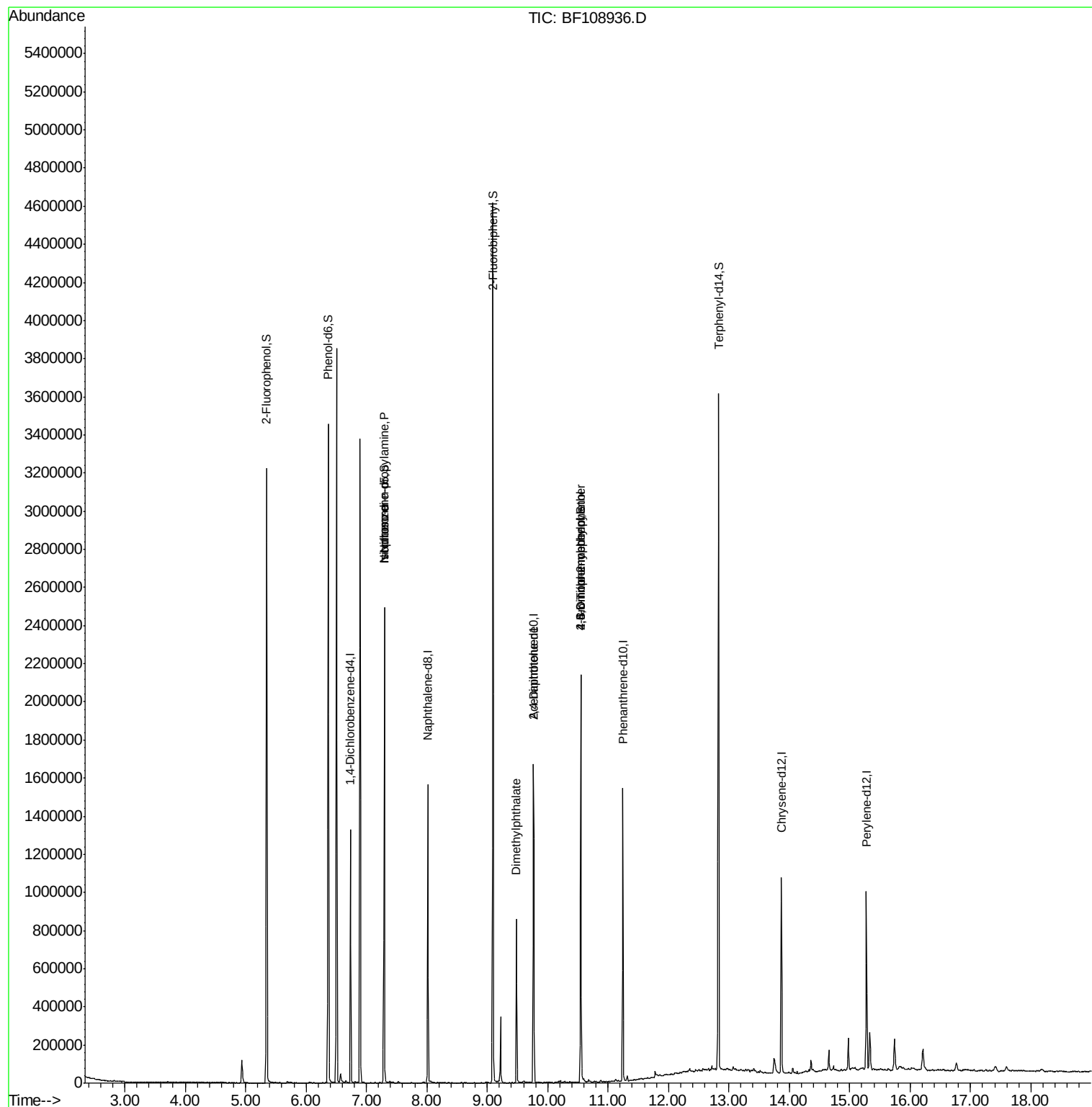
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175524	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	655056	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	312770	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	555802	20.00	ng	0.00
75) Chrysene-d12	13.87	240	349296	20.00	ng	0.00
86) Perylene-d12	15.28	264	412363	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	978226	92.33	ng	0.01
7) Phenol-d6	6.37	99	1254856	92.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	811394	77.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	274559	91.95	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1418216	77.36	ng	0.00
78) Terphenyl-d14	12.83	244	1141743	76.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	109270	11.532	ng	# 79
25) Isophorone	7.30	82	804968	38.554	ng	# 64
49) Dimethylphthalate	9.48	163	305125	13.948	ng	100
56) 2,4-Dinitrotoluene	9.77	165	39777	7.462	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	590	7.100	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16314	2.599	ng	# 1

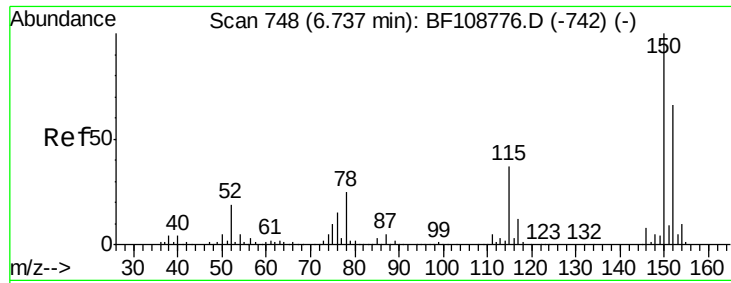
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Sep 11 16:31:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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Response via : Initial Calibration



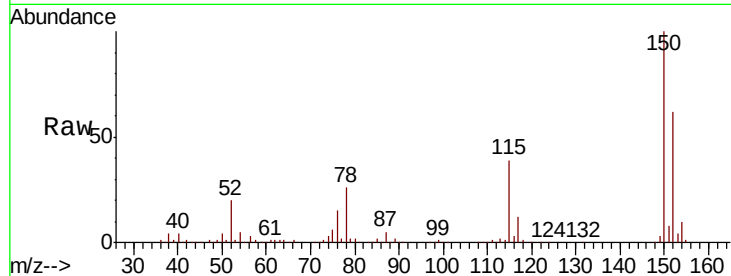


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	62.2	50.1	75.1

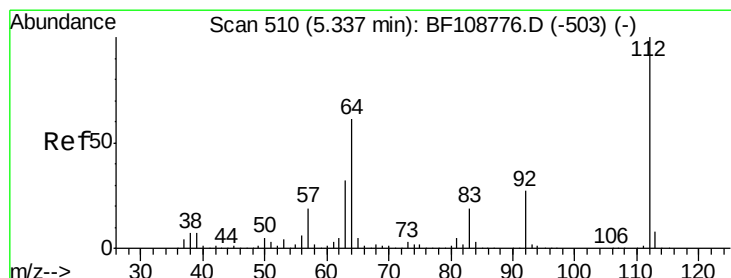
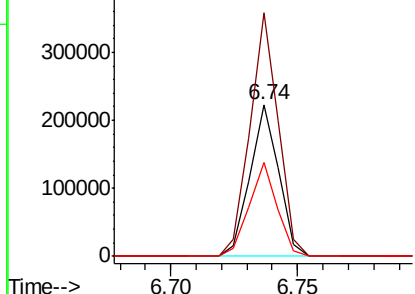
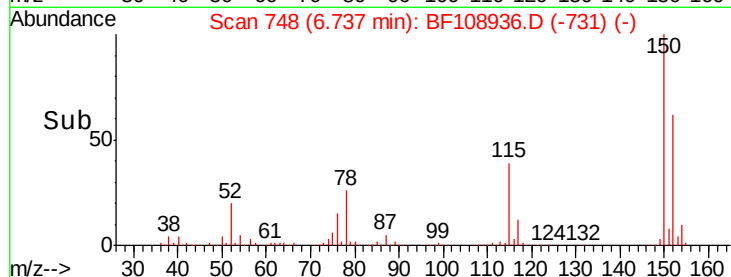


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

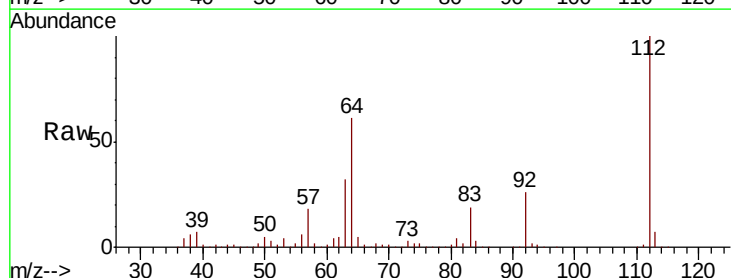
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.329 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.6	23.7	35.5

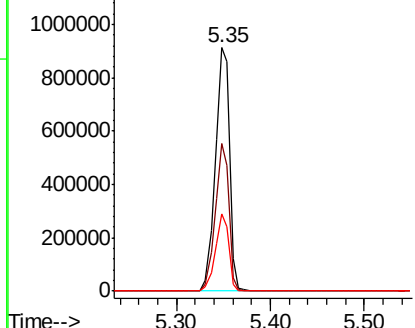
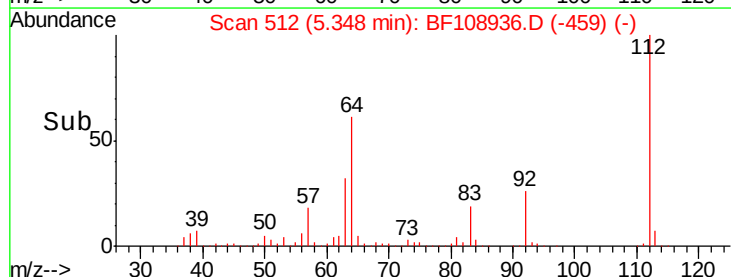


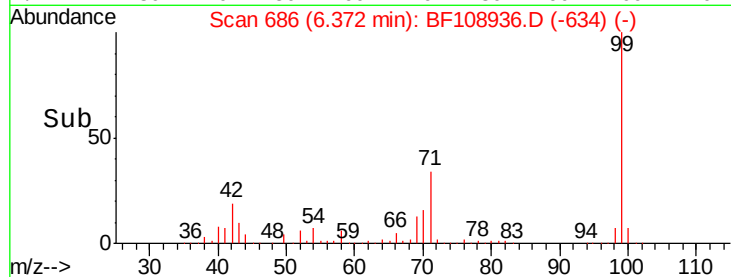
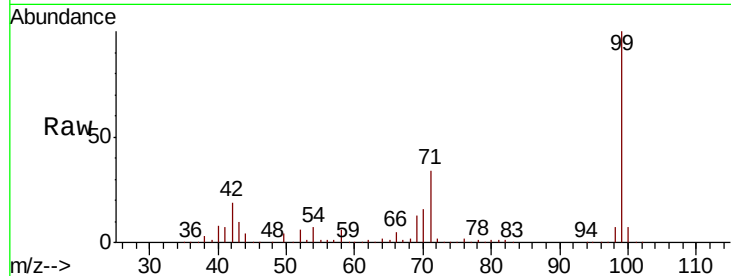
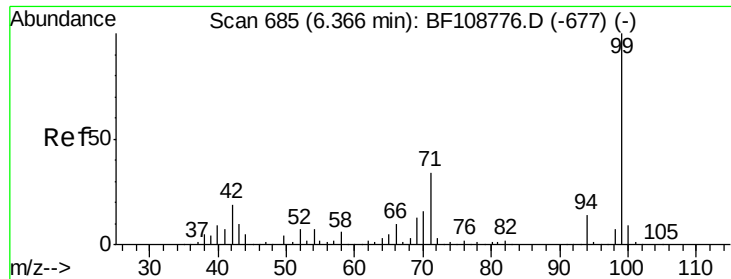
Abundance

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: 92.051 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108936.D

Acq: 11 Sep 2018 15:41

Instrument :

BNA_F

ClientSampleId :

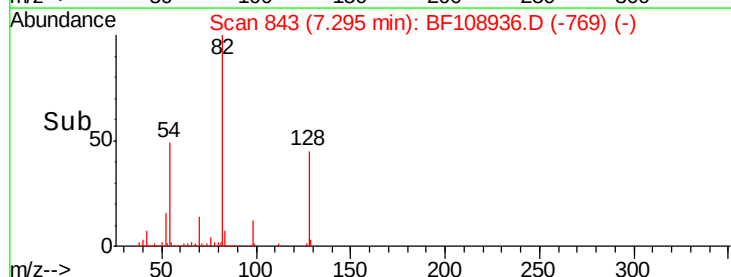
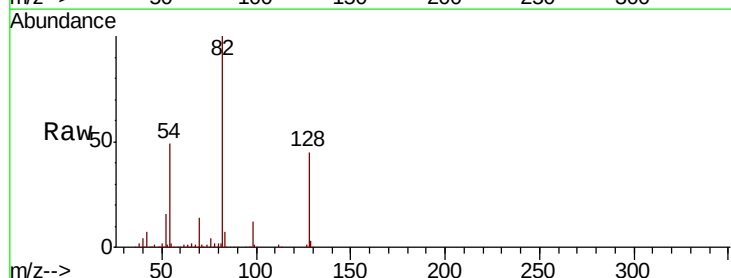
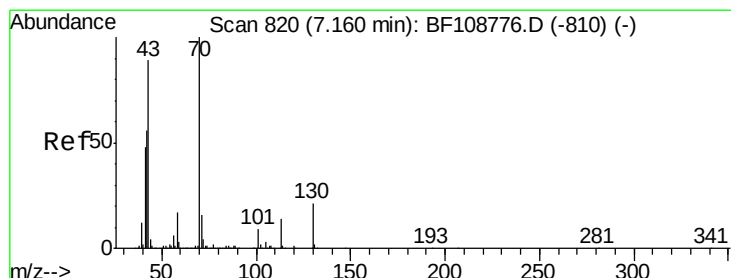
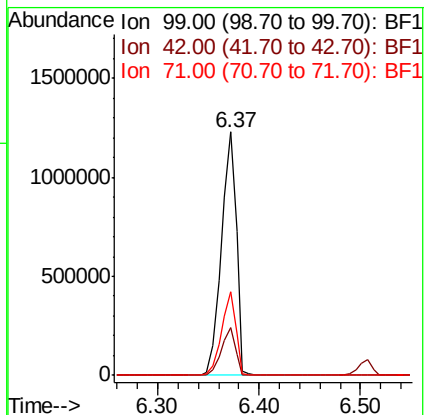
Tot Ion: 99 Resp: 1254856

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.532 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108936.D

Acq: 11 Sep 2018 15:41

Tgt Ion: 70 Resp: 109270

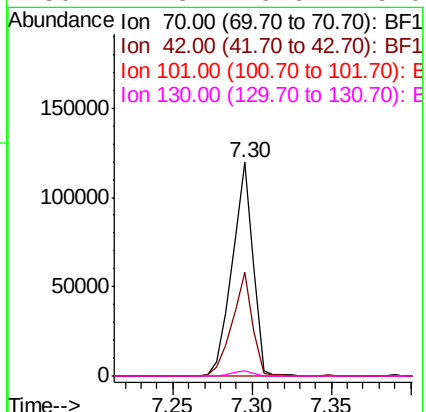
Ion Ratio Lower Upper

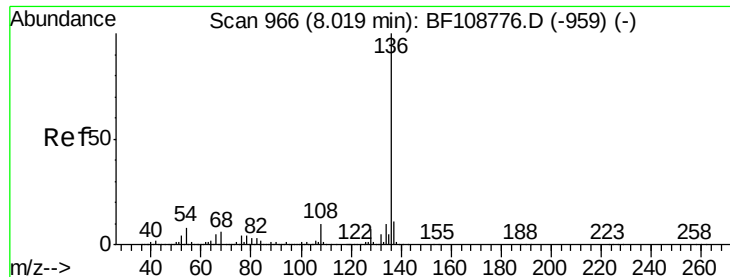
70 100

42 48.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

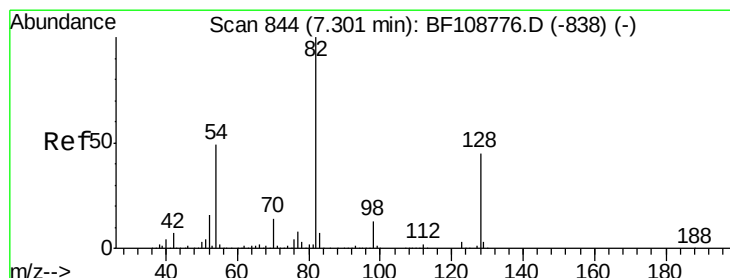
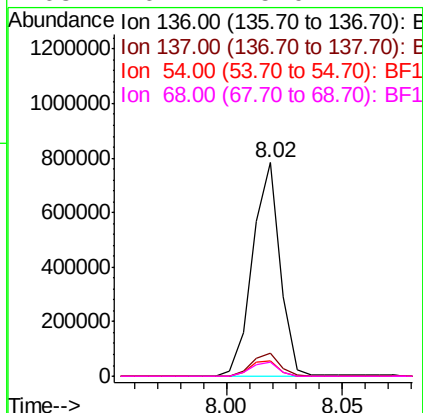
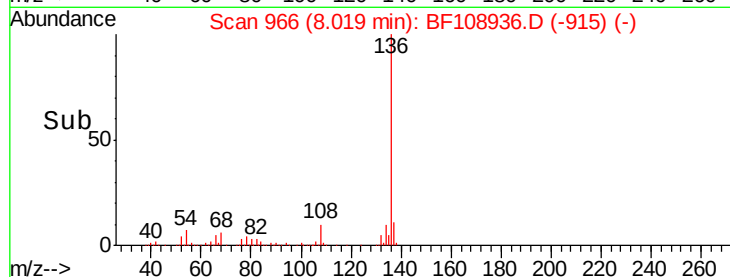
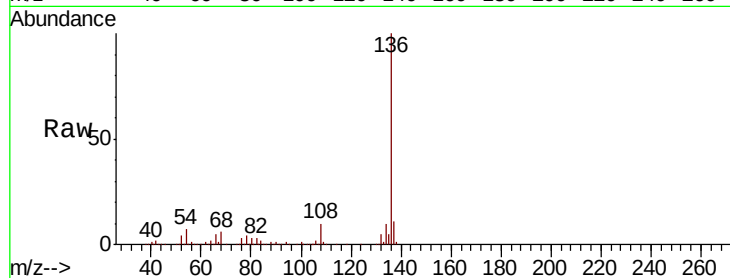




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

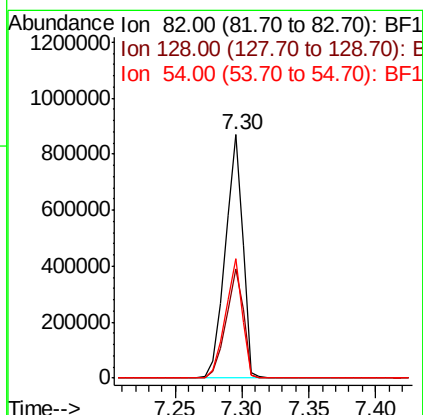
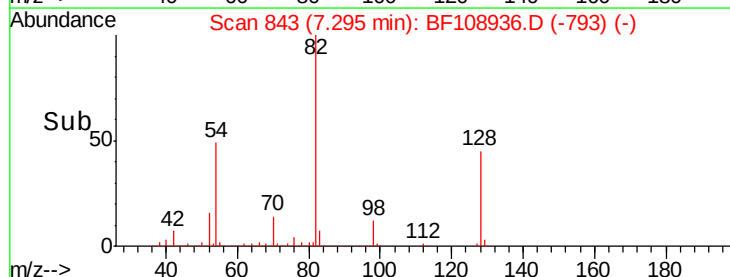
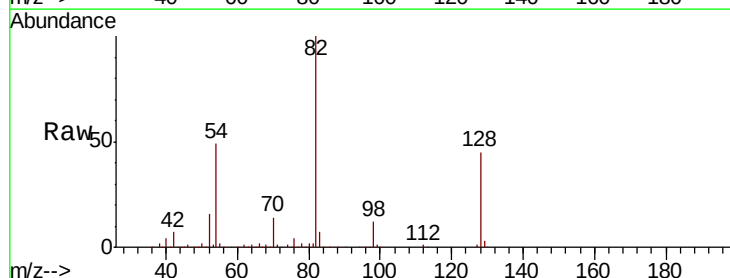
Instrument :
BNA_F
ClientSampled :

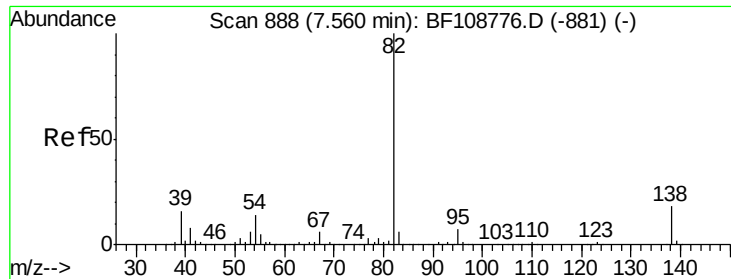
Tot Ion:136	Resp:	655056
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.5	6.6 9.8
68	6.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 77.517 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

Tgt Ion: 82	Resp:	811394
Ion Ratio	Lower	Upper
82	100	
128	44.9	36.1 54.1
54	48.9	41.4 62.2





#25

Isophorone

Concen: 38.554 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108936.D

Acq: 11 Sep 2018 15:41

Instrument :

BNA_F

ClientSampleID :

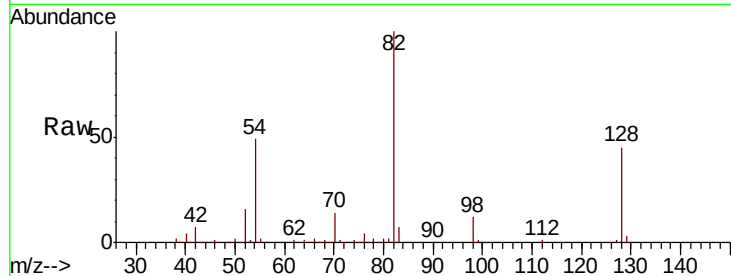
Tot Ion: 82 Resp: 804968

Ion Ratio Lower Upper

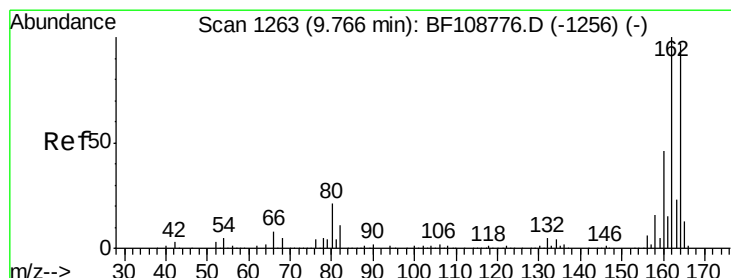
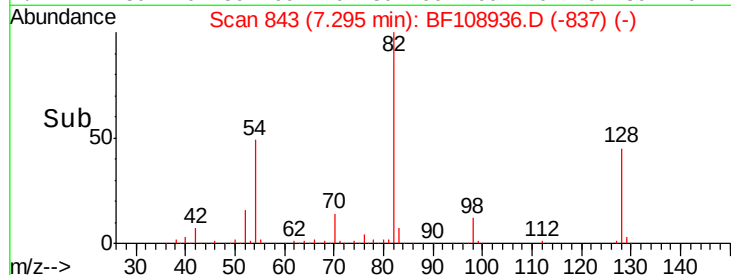
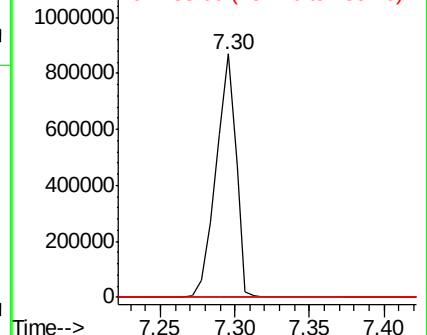
82 100

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: BF108936.D

Acq: 11 Sep 2018 15:41

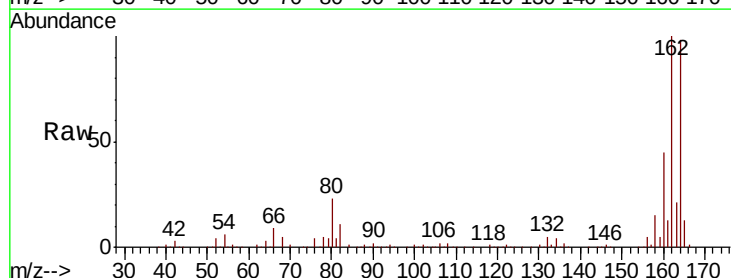
Tgt Ion: 164 Resp: 312770

Ion Ratio Lower Upper

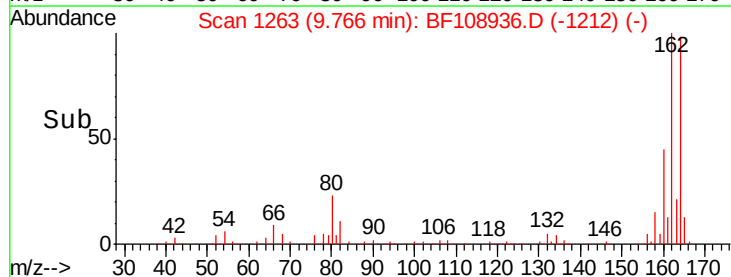
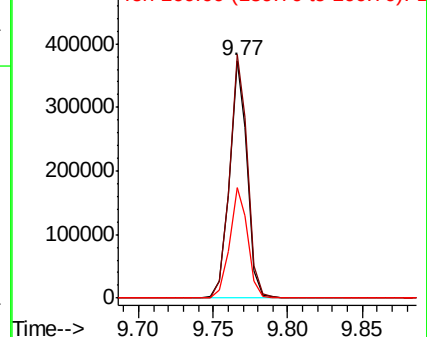
164 100

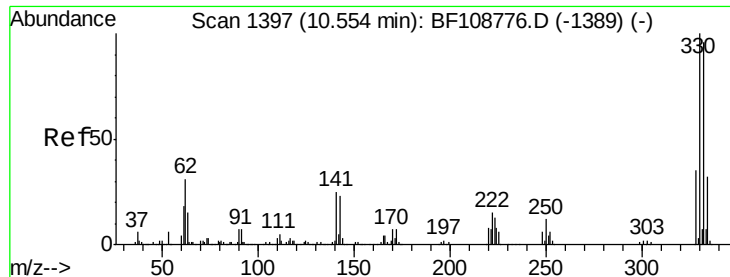
162 102.4 86.1 129.1

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

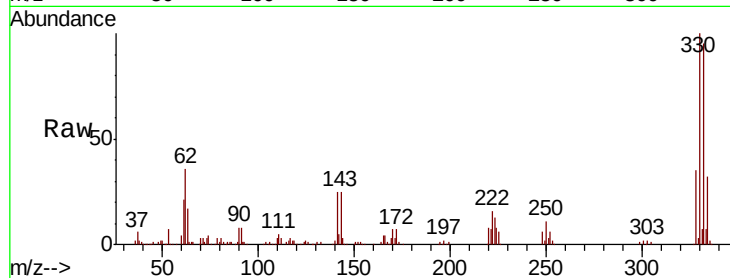




#41
 2,4,6-Tribromophenol
 Concen: 91.953 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108936.D
 Acq: 11 Sep 2018 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	31.7	29.9	44.9

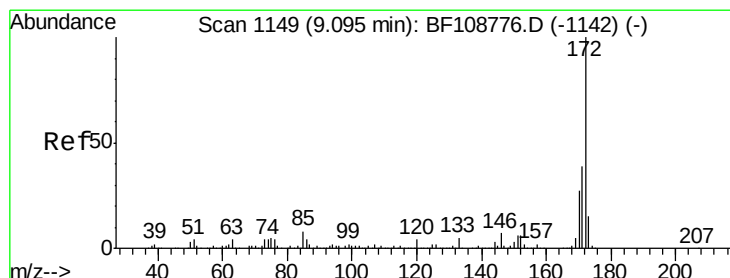
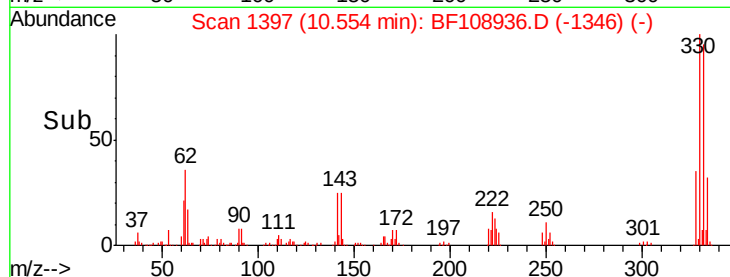
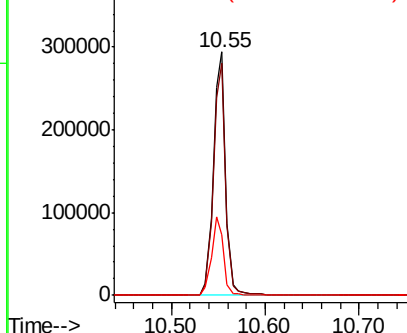


Abundance

Ion 329.80 (329.50 to 330.50): E

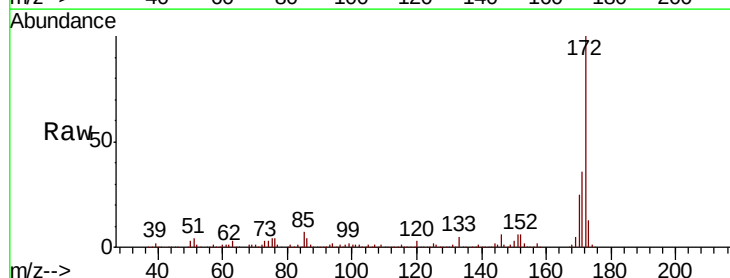
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.356 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108936.D
 Acq: 11 Sep 2018 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4

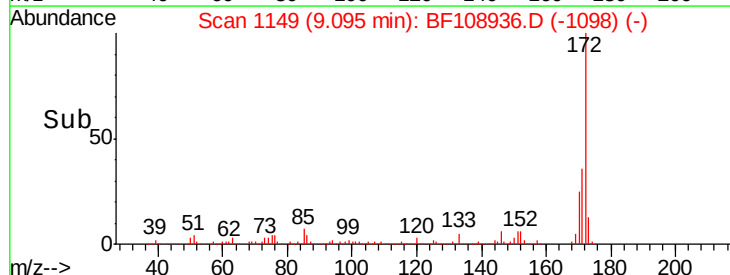
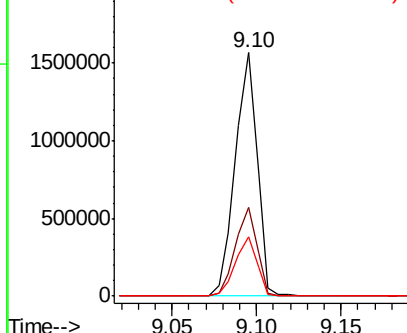


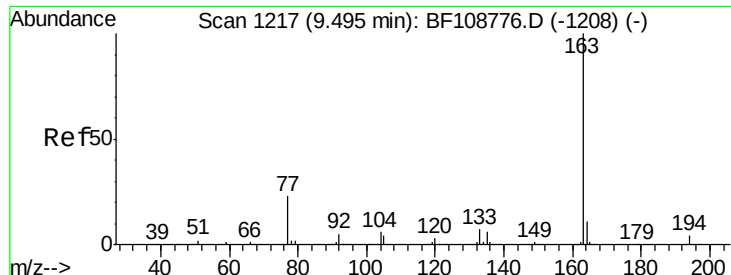
Abundance

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

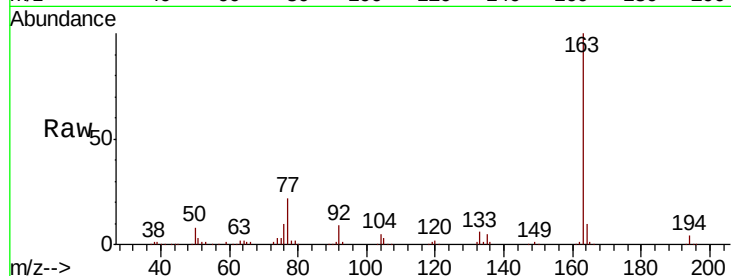




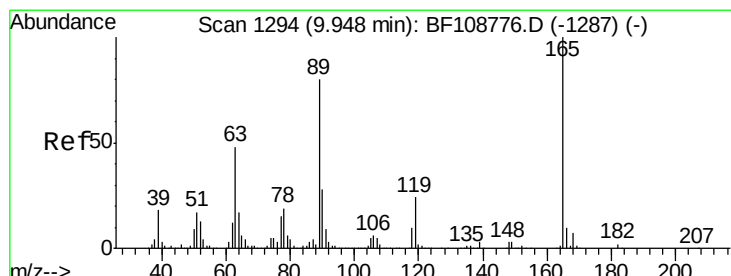
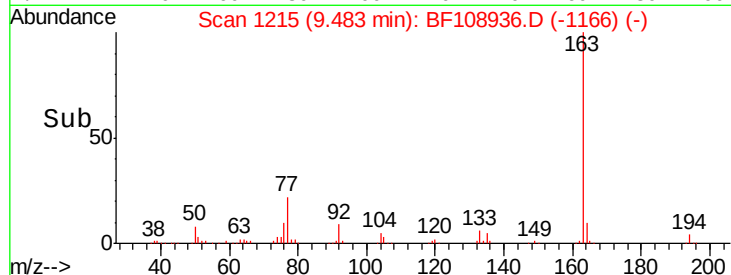
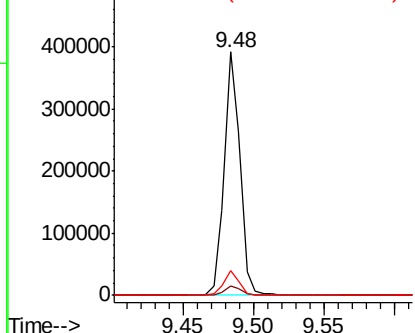
#49
Dimethylphthalate
Concen: 13.948 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 305125
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

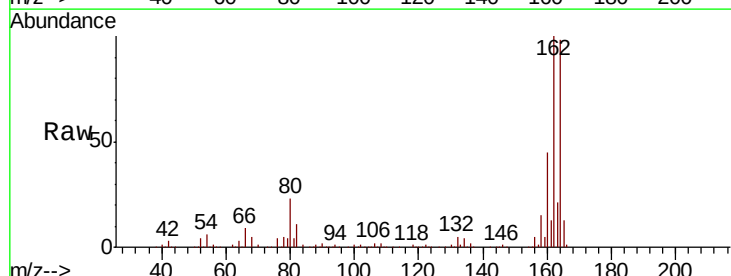


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

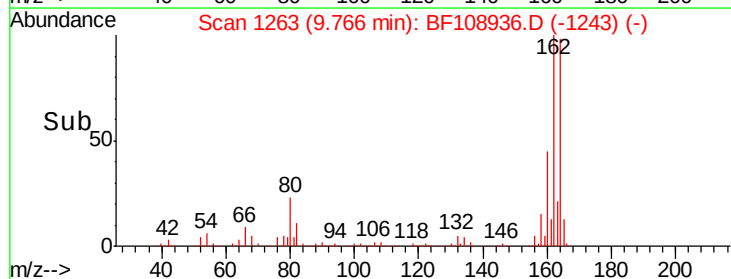
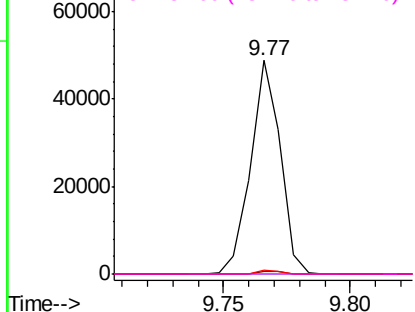


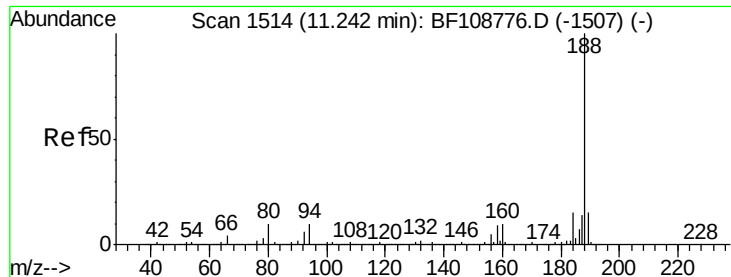
#56
2,4-Dinitrotoluene
Concen: 7.462 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

Tgt Ion:165 Resp: 39777
Ion Ratio Lower Upper
165 100
63 1.3 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

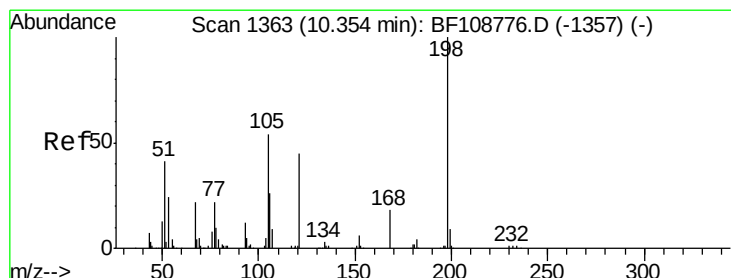
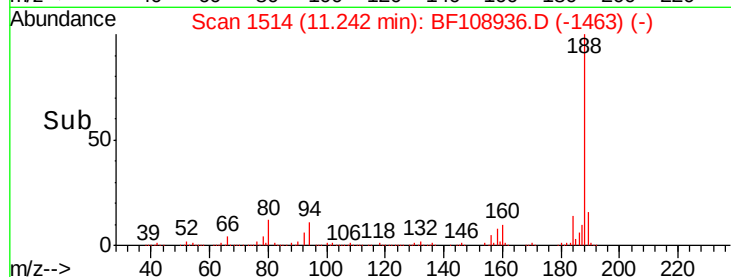
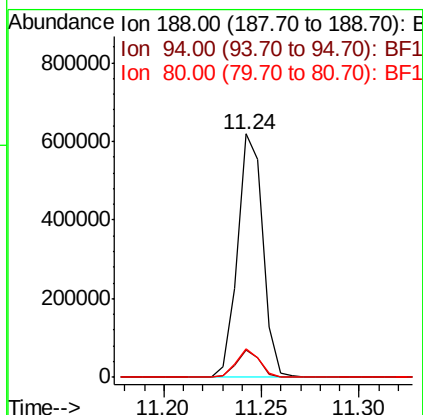
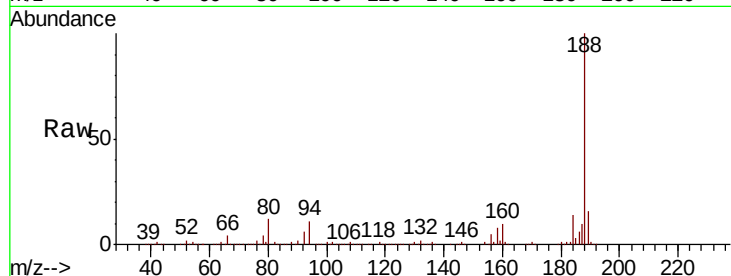




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

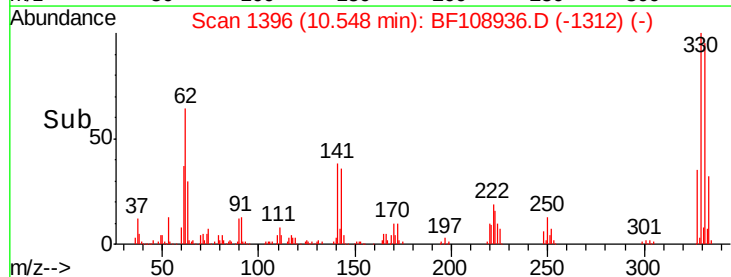
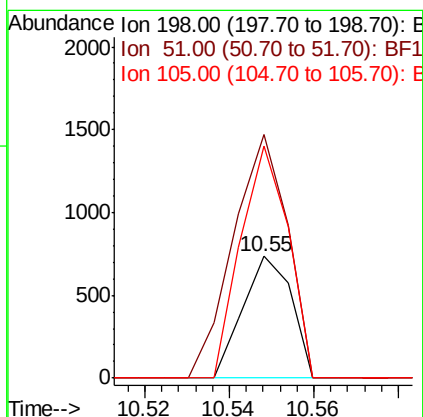
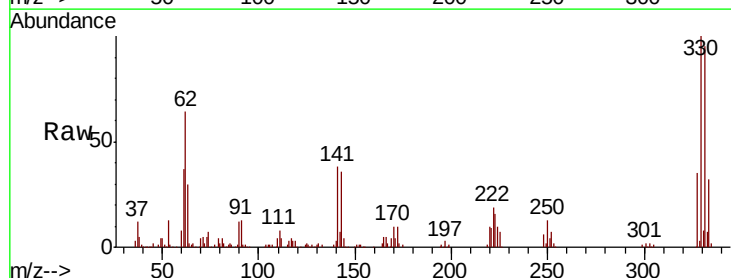
Instrument :
BNA_F
ClientSampleId :

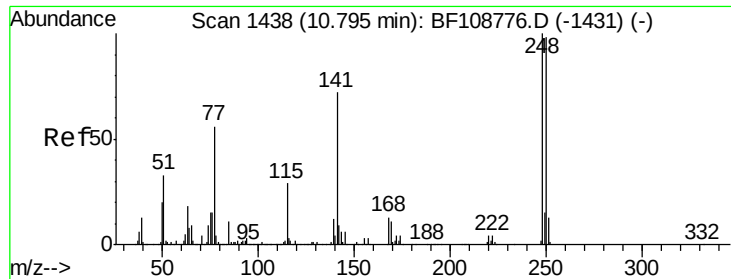
Tot Ion:188 Resp: 555802
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.100 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

Tgt Ion:198 Resp: 590
Ion Ratio Lower Upper
198 100
51 200.3 37.7 77.7#
105 191.4 36.3 76.3#

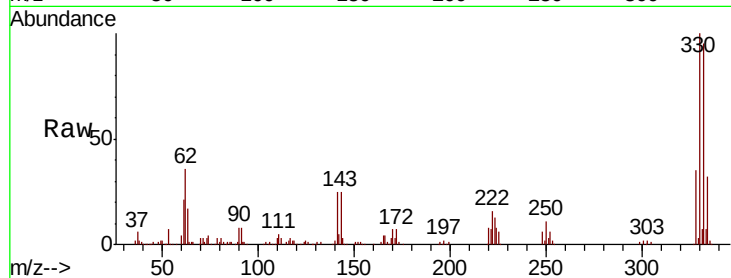




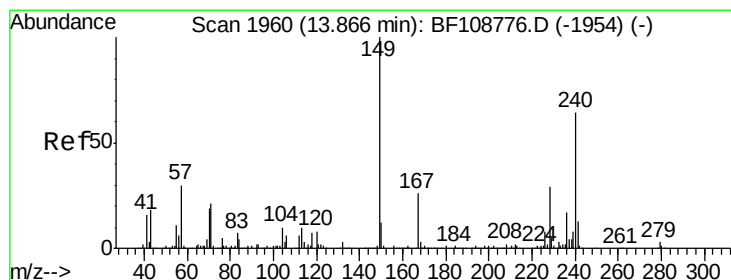
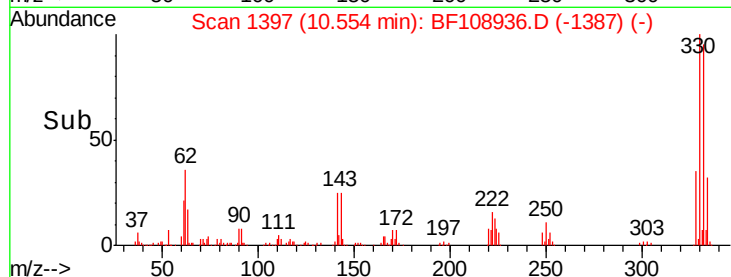
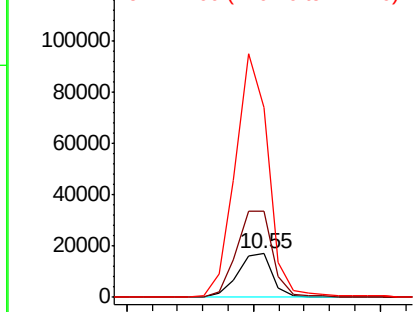
#66
4-Bromophenyl-phenylether
Concen: 2.599 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16314
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 436.7 74.4 111.6#

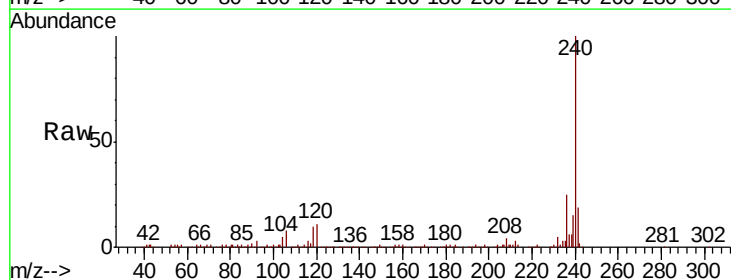


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

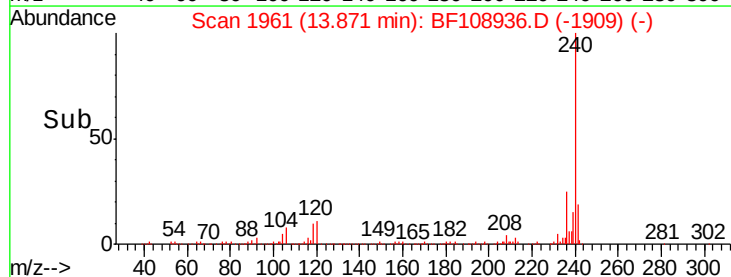
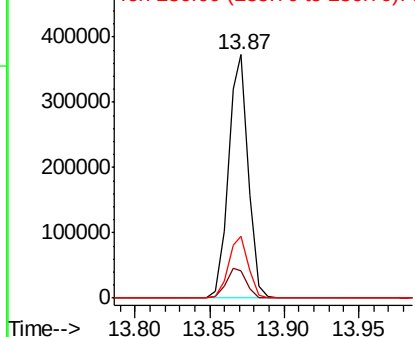


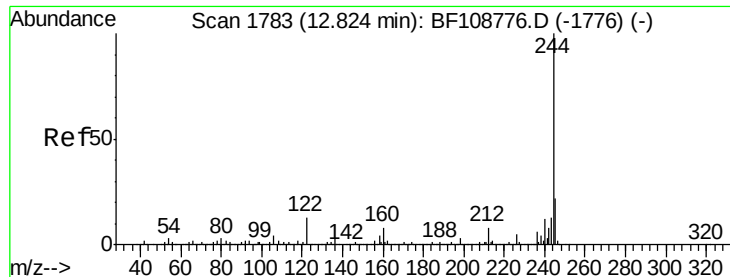
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108936.D
Acq: 11 Sep 2018 15:41

Tgt Ion:240 Resp: 349296
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.5 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: 76.223 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108936.D

Acq: 11 Sep 2018 15:41

Instrument :

BNA_F

ClientSampleId :

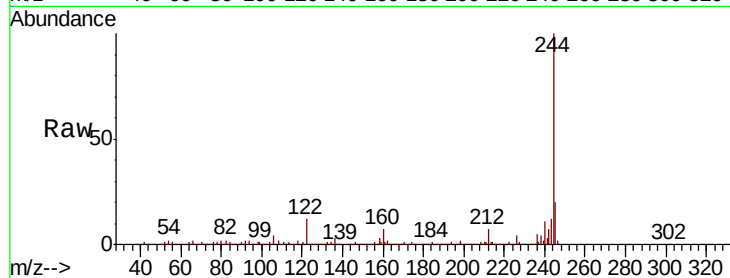
Tot Ion:244 Resp: 1141743

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

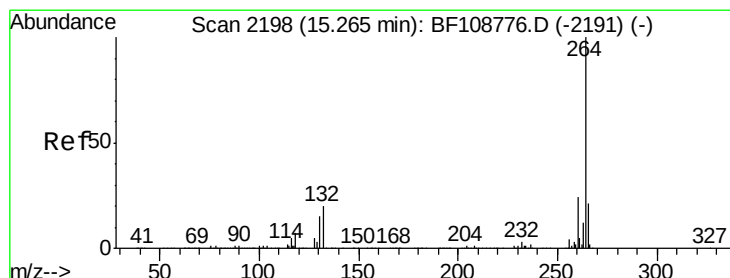
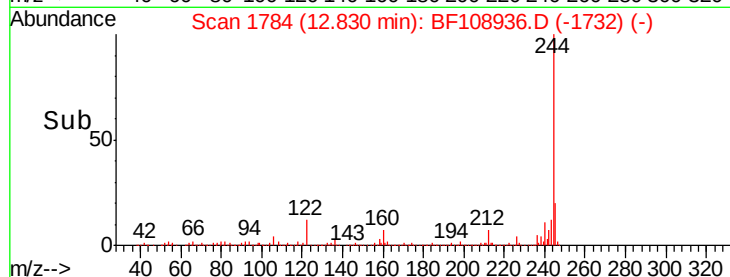
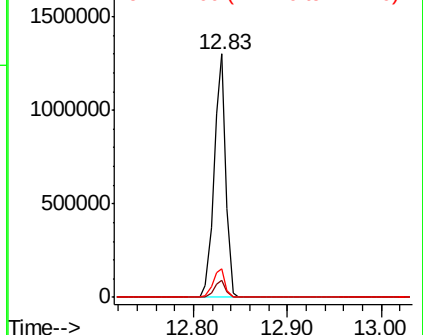
122 11.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108936.D

Acq: 11 Sep 2018 15:41

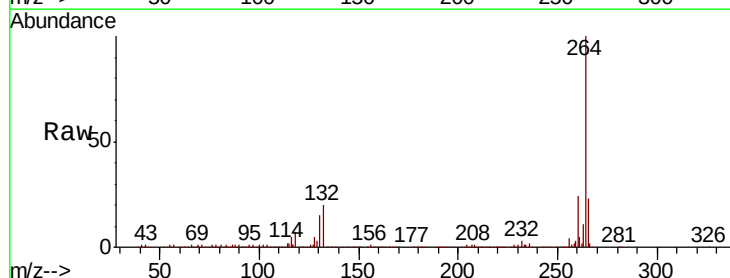
Tgt Ion:264 Resp: 412363

Ion Ratio Lower Upper

264 100

260 24.4 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

