

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108806.D
 Acq On : 6 Sep 2018 5:48
 Operator : JU/SJ
 Sample : J4724-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 08:21:25 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

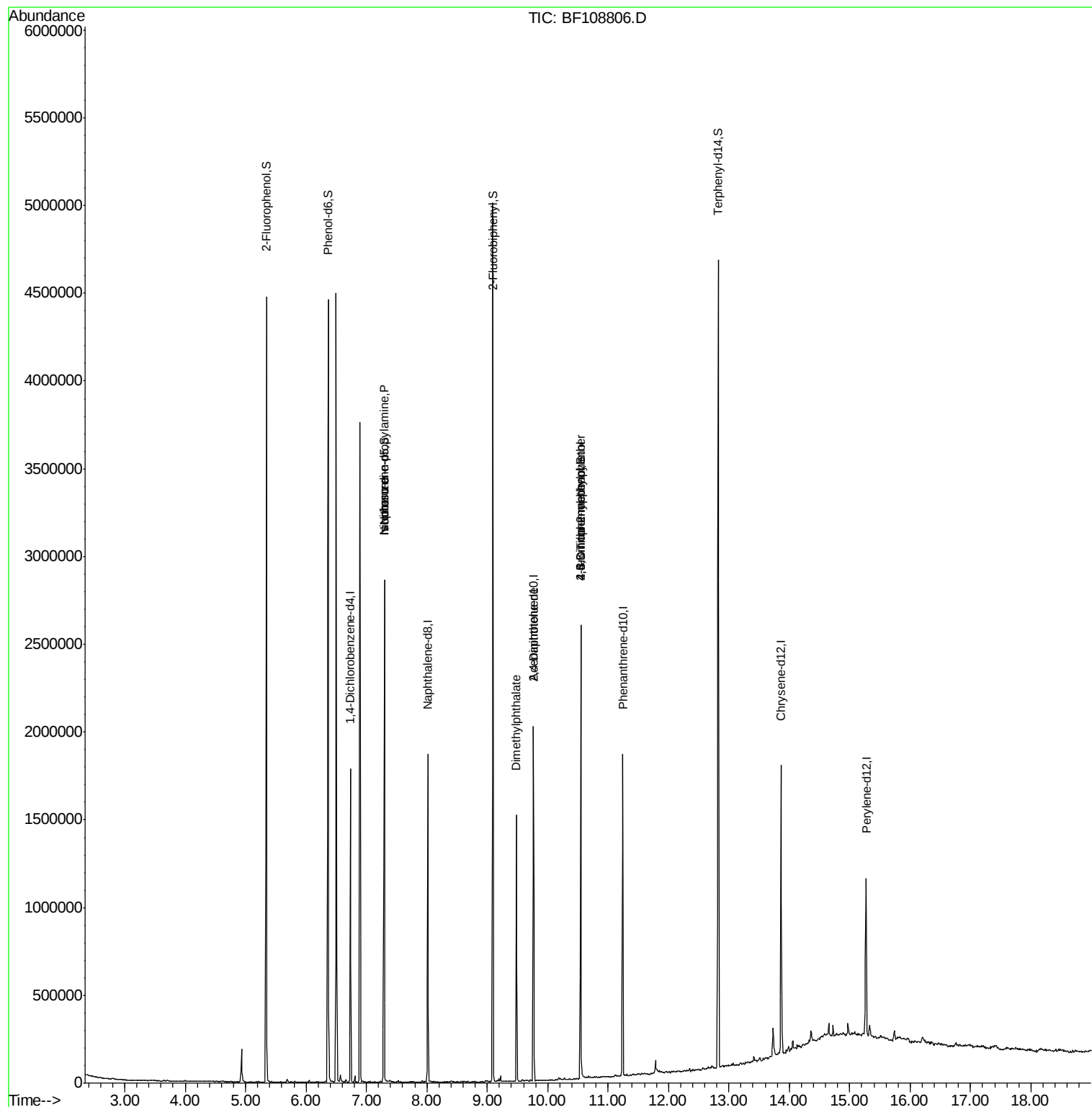
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	239446	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	838110	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	343537	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	599458	20.00	ng	0.00
75) Chrysene-d12	13.87	240	527907	20.00	ng	0.00
86) Perylene-d12	15.27	264	390919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1244510	86.10	ng	0.00
7) Phenol-d6	6.37	99	1612809	86.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	916560	68.44	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	286022	87.21	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1565094	77.72	ng	0.00
78) Terphenyl-d14	12.82	244	1457300	64.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	124000	9.593	ng	# 76
25) Isophorone	7.30	82	912918	34.174	ng	# 64
49) Dimethylphthalate	9.48	163	498784	20.758	ng	100
56) 2,4-Dinitrotoluene	9.77	165	44655	7.626	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	525	7.059	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17600	2.599	ng	# 1

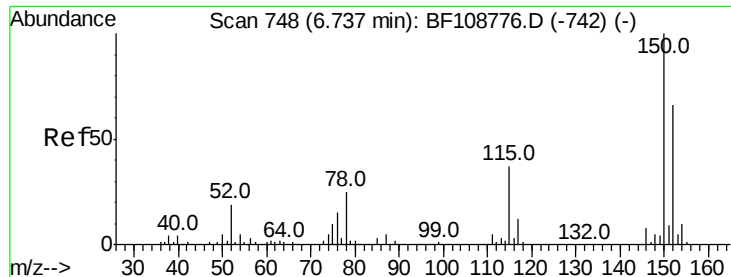
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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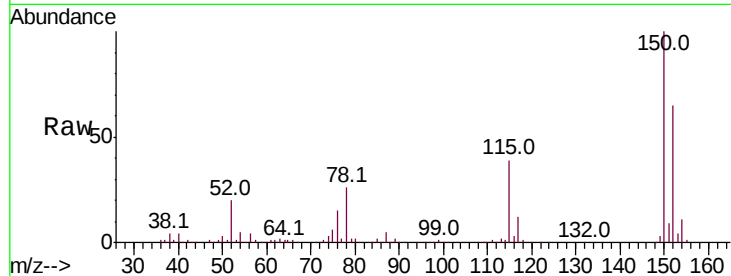


#1

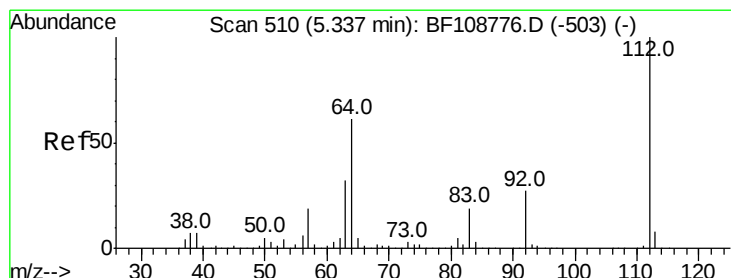
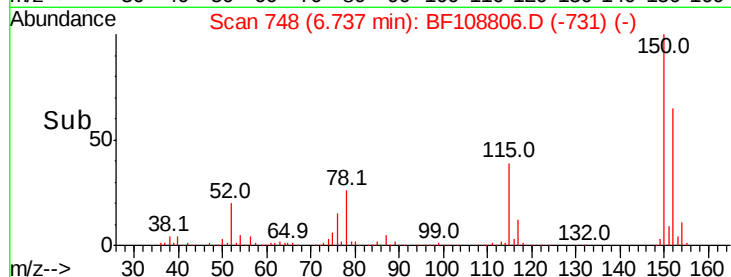
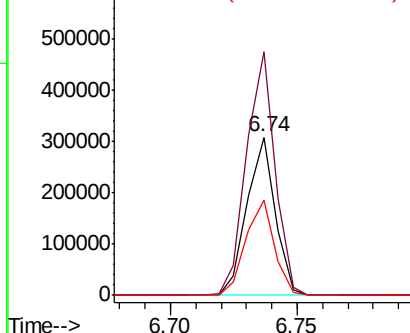
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 239446
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 60.1 50.1 75.1



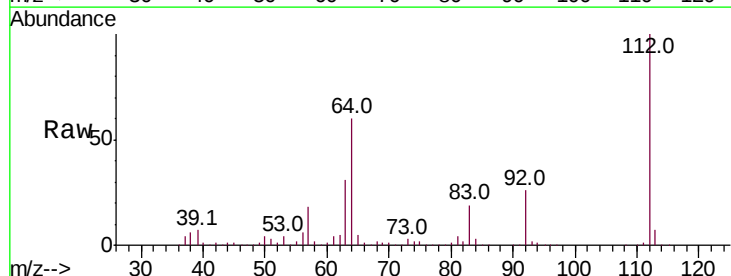
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



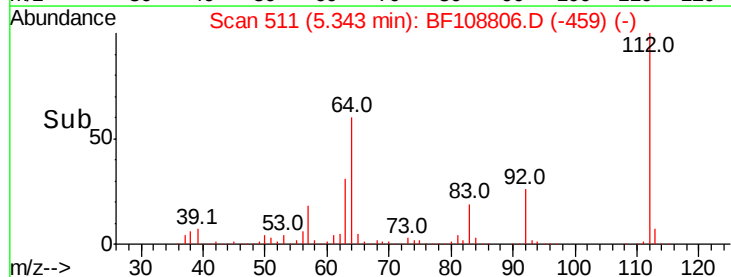
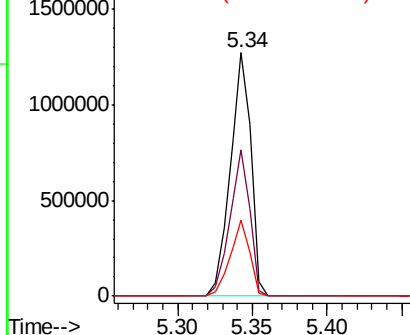
#5

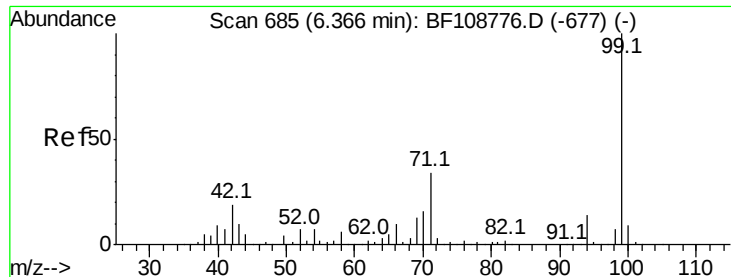
2-Fluorophenol
Concen: 86.105 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Tgt Ion:112 Resp: 1244510
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.2 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: 86.726 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

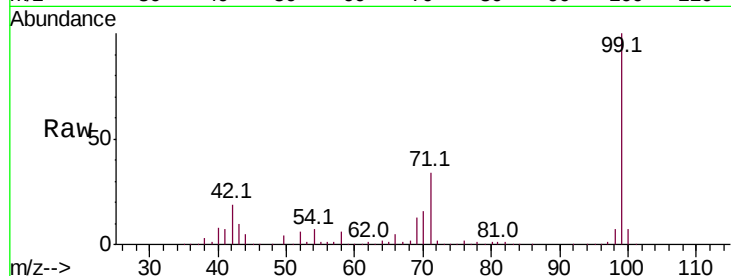
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1612809

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	33.6	25.4	38.0

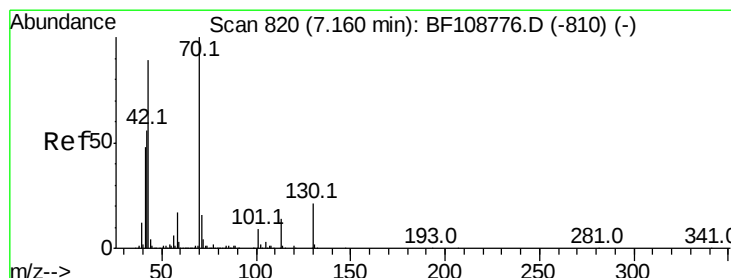
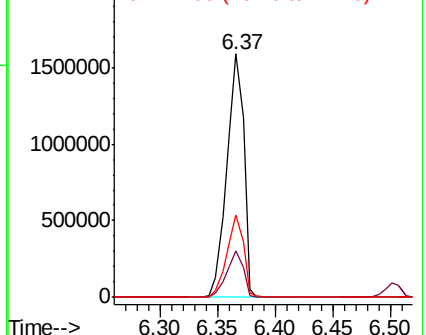
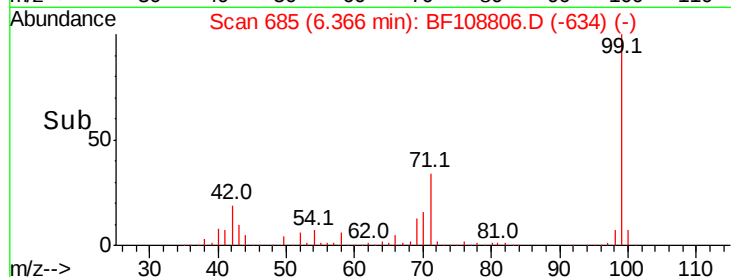


Abundance

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: 9.593 ng

RT: 7.30 min Scan# 843

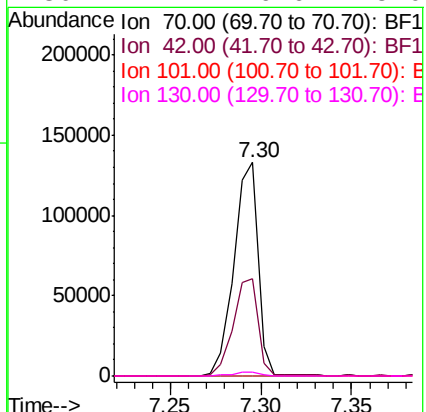
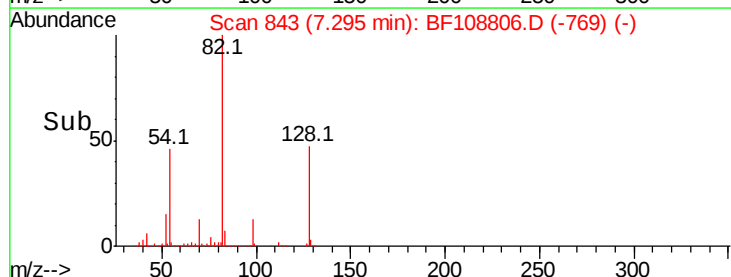
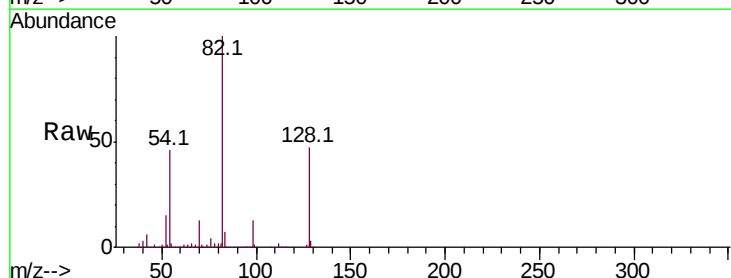
Delta R.T. 0.14 min

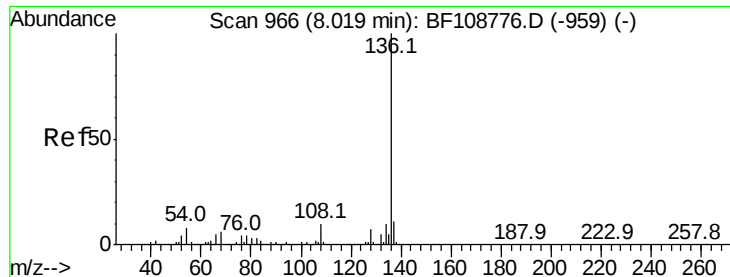
Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Tgt Ion: 70 Resp: 124000

Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

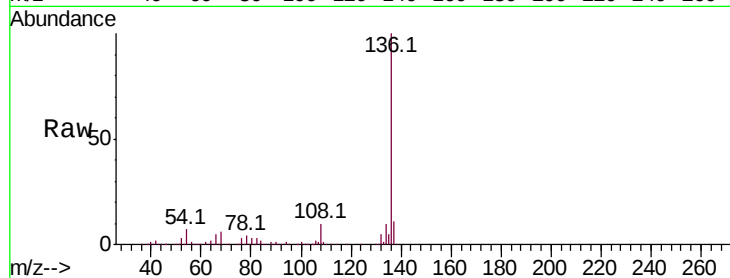




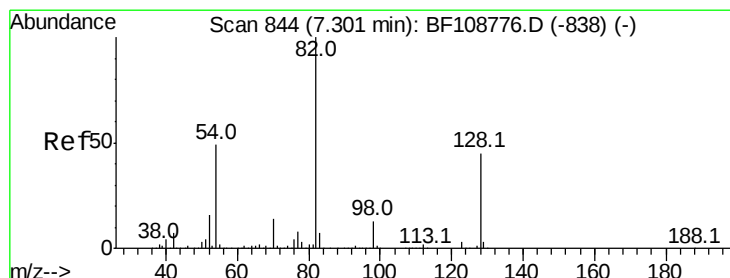
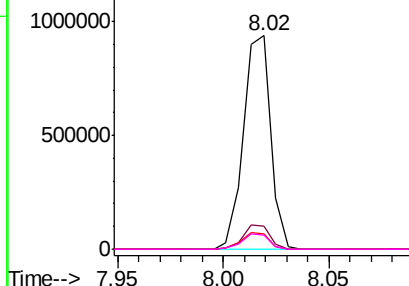
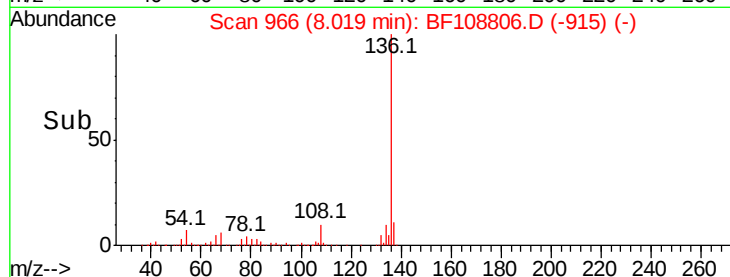
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	838110
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	7.3	6.6 9.8
68	6.4	5.0 7.4

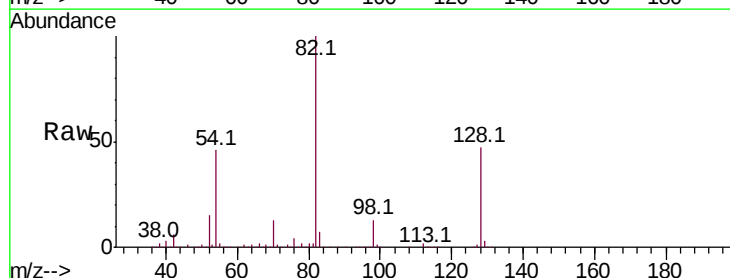


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

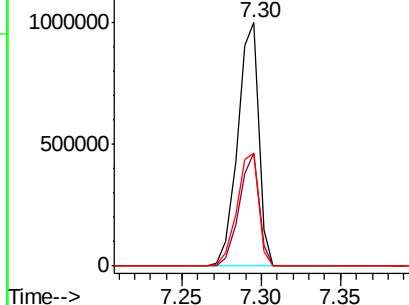
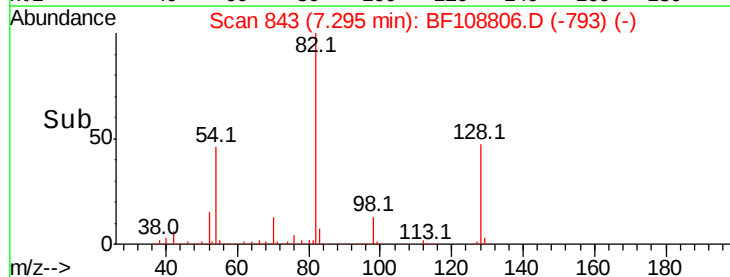


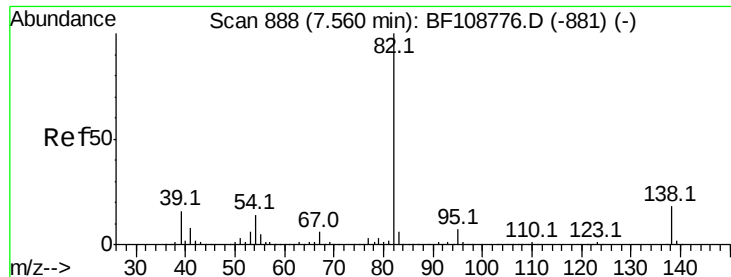
#23
Nitrobenzene-d5
Concen: 68.439 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Tgt Ion: 82	Resp:	916560
Ion	Ratio	Lower Upper
82	100	
128	46.5	36.1 54.1
54	46.4	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: 34.174 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Instrument :

BNA_F

ClientSampled :

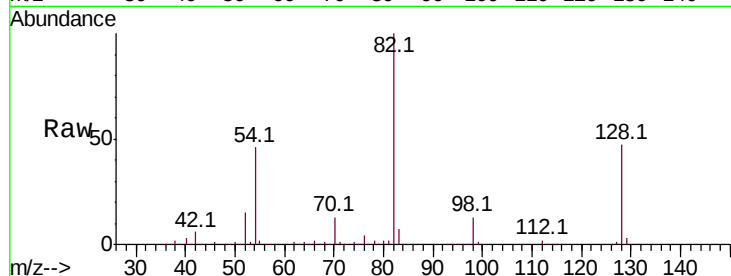
Tot Ion: 82 Resp: 912918

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

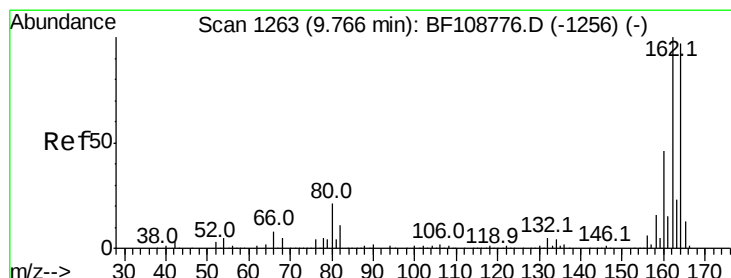
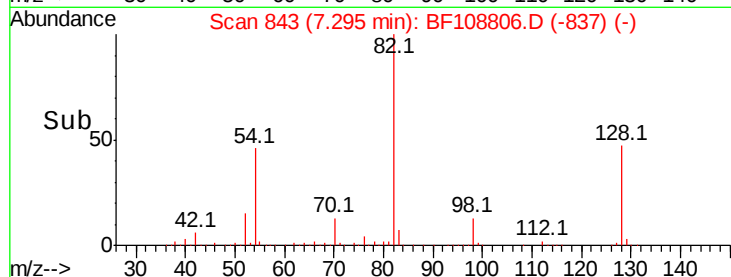
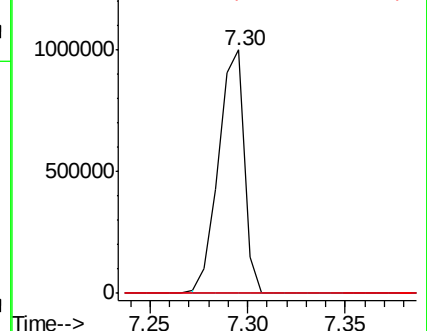
138 0.0 14.9 22.3#



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: BF108806.D

Acq: 6 Sep 2018 5:48

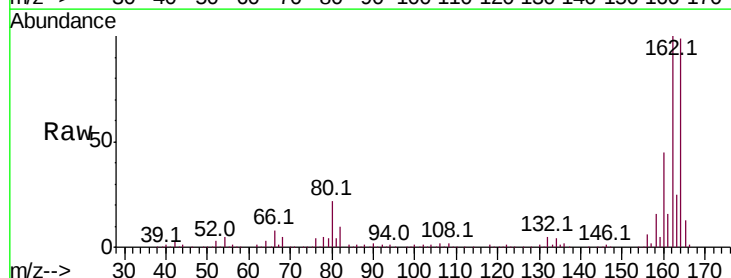
Tgt Ion:164 Resp: 343537

Ion Ratio Lower Upper

164 100

162 100.9 86.1 129.1

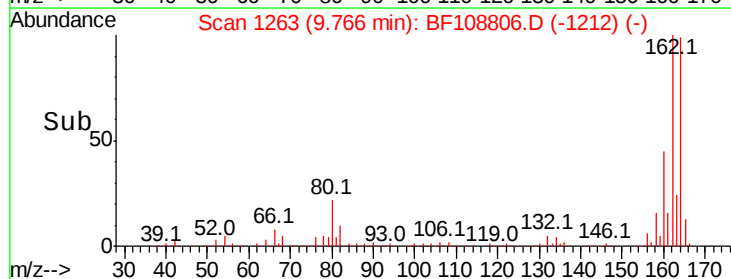
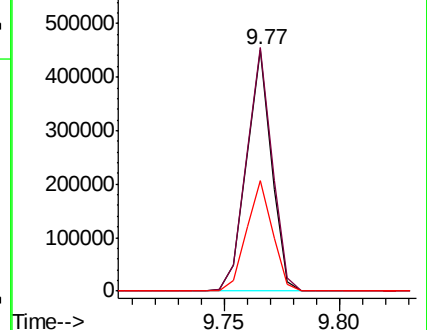
160 45.8 38.3 57.5

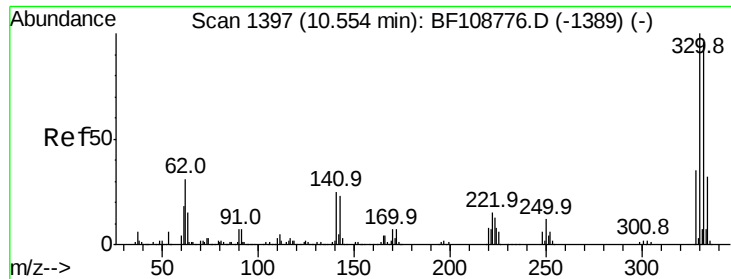


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

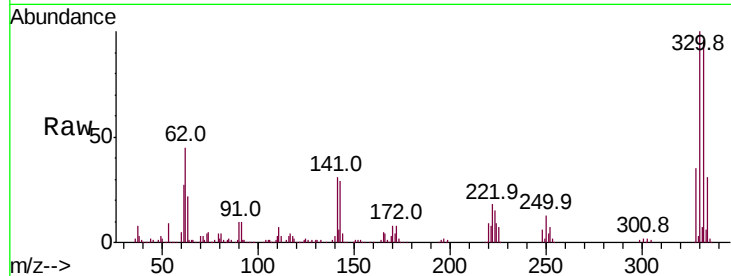




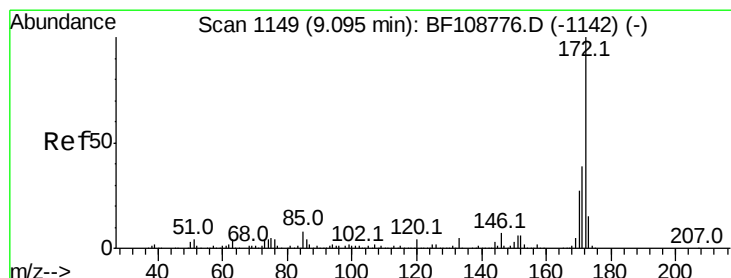
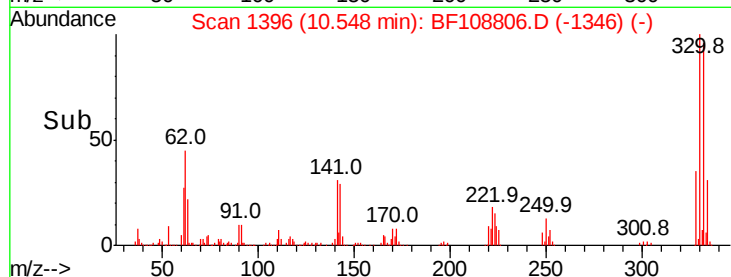
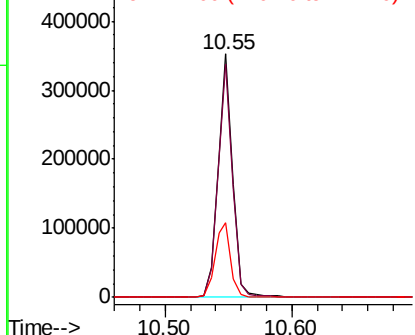
#41
 2,4,6-Tribromophenol
 Concen: 87.213 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108806.D
 Acq: 6 Sep 2018 5:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.2	29.9	44.9

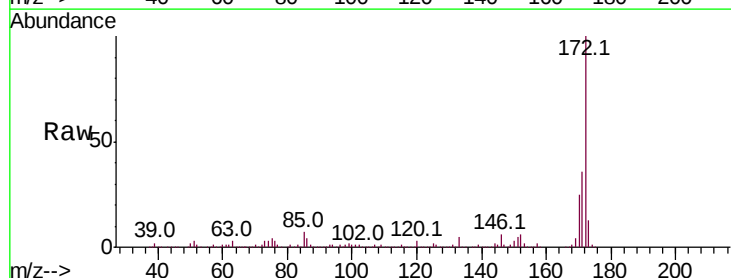


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

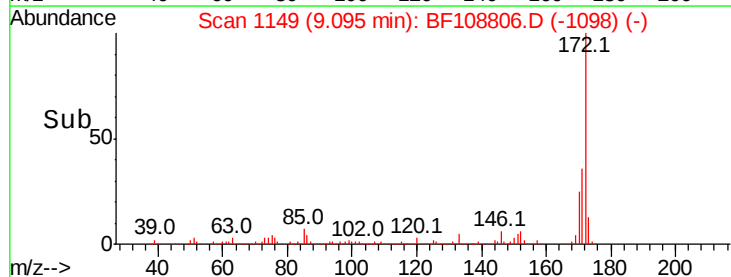
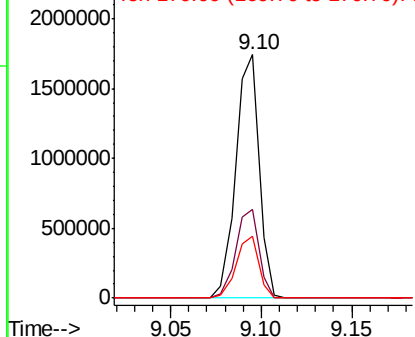


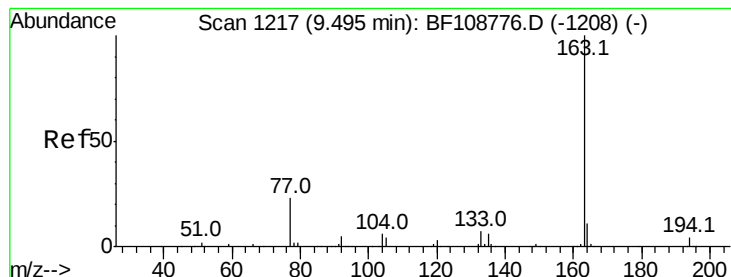
#44
 2-Fluorobiphenyl
 Concen: 77.722 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108806.D
 Acq: 6 Sep 2018 5:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	25.2	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: 20.758 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Instrument :

BNA_F

ClientSampleId :

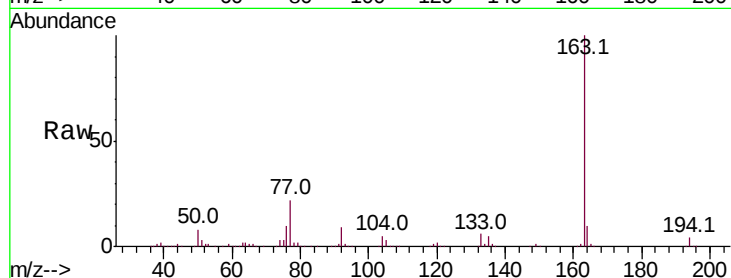
Tot Ion:163 Resp: 498784

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

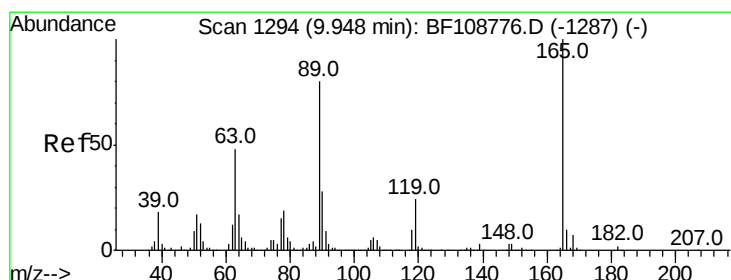
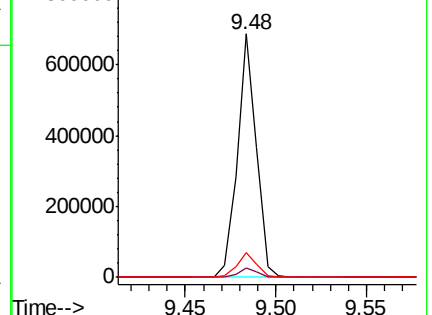
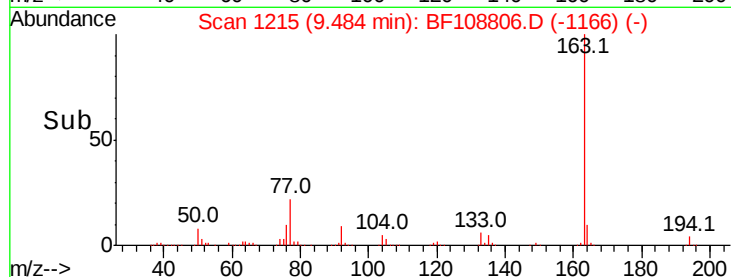
164 10.2 8.2 12.2



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: 7.626 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Tgt Ion:165 Resp: 44655

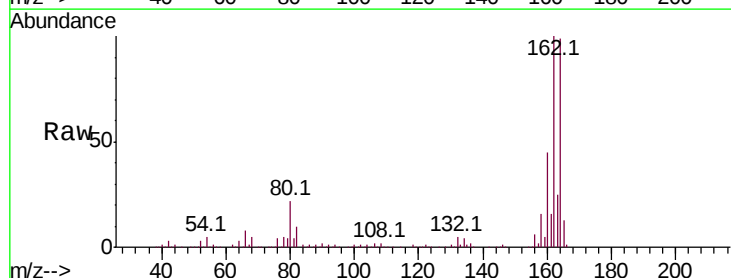
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

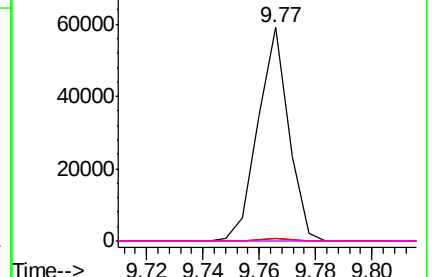
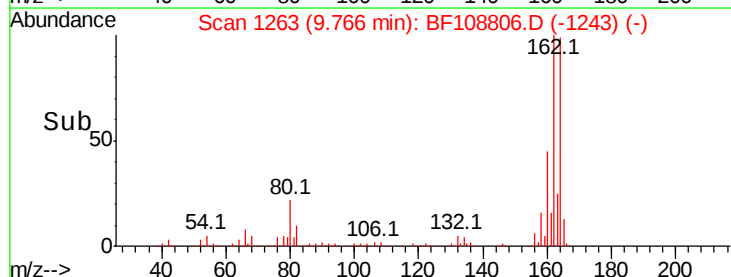


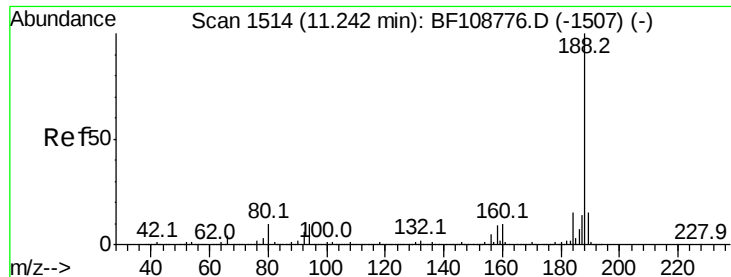
Abundance Ion 165.00 (164.70 to 165.70): E

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

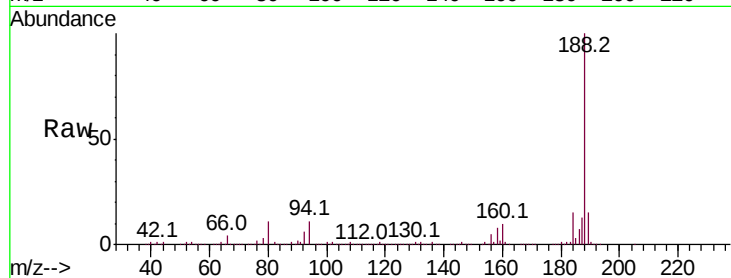




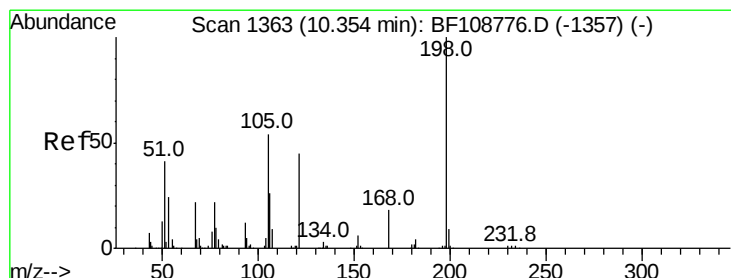
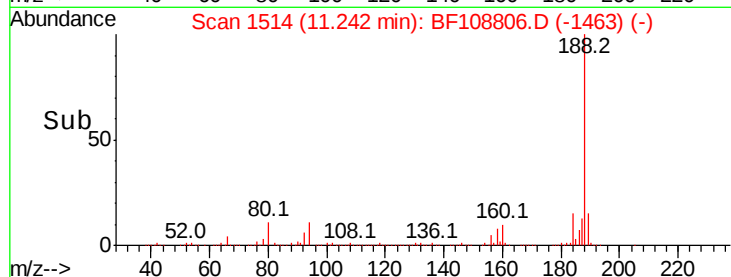
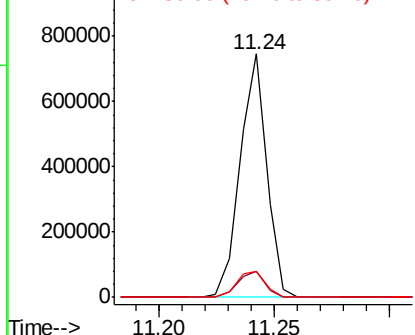
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 599458
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.7 9.2 13.8

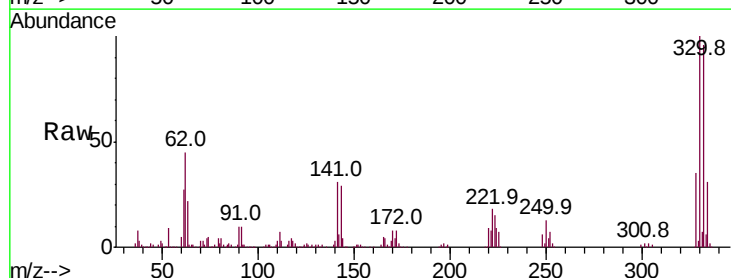


Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

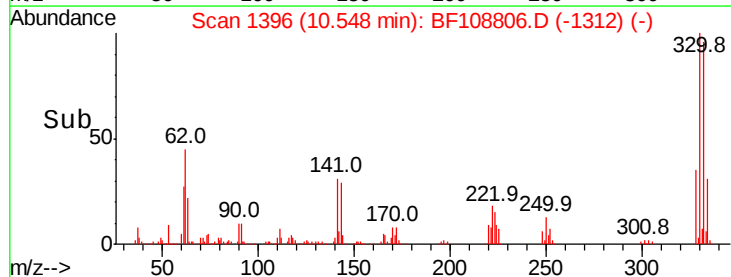
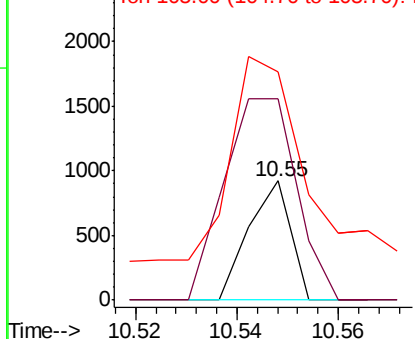


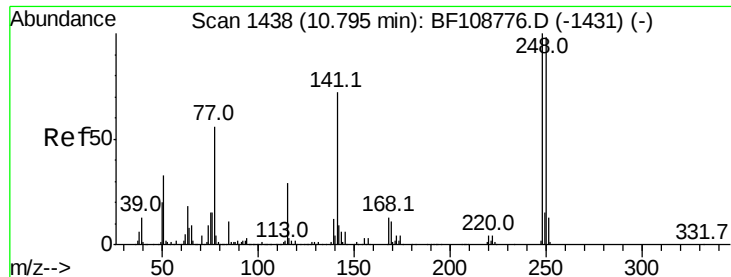
#64
4,6-Dinitro-2-methylphenol
Concen: 7.059 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Tgt Ion:198 Resp: 525
Ion Ratio Lower Upper
198 100
51 168.8 37.7 77.7#
105 191.6 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
2500
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

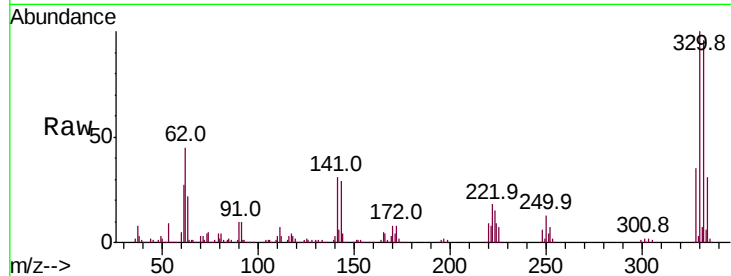




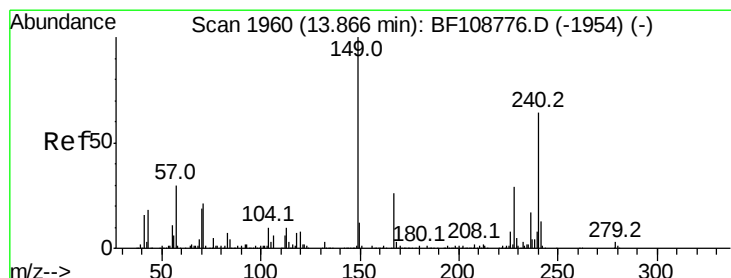
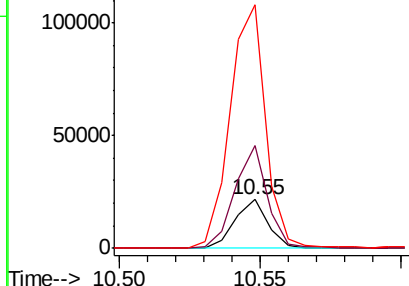
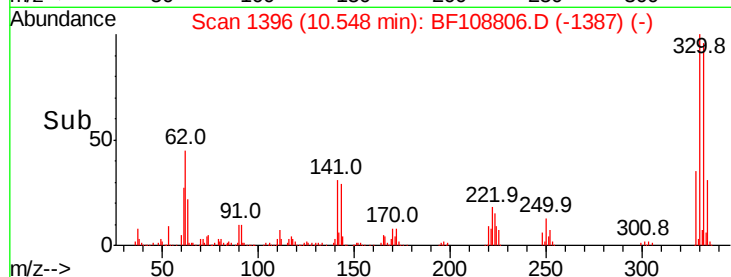
#66
4-Bromophenyl-phenylether
Concen: 2.599 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17600
Ion Ratio Lower Upper
248 100
250 212.2 76.9 115.3#
141 499.9 74.4 111.6#

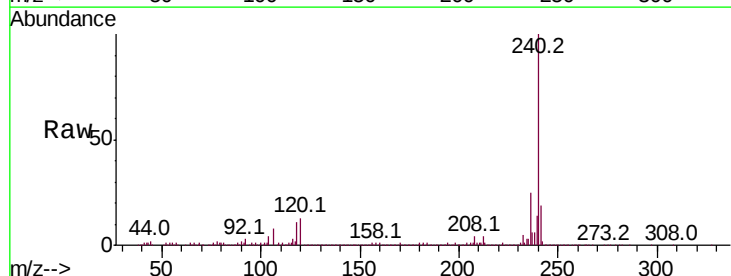


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

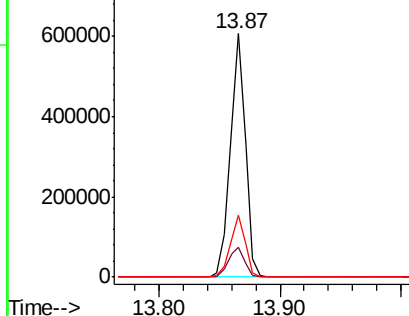
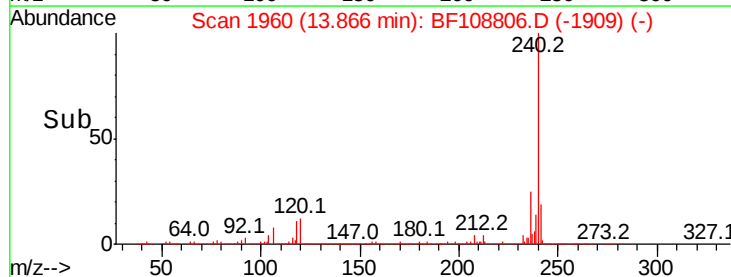


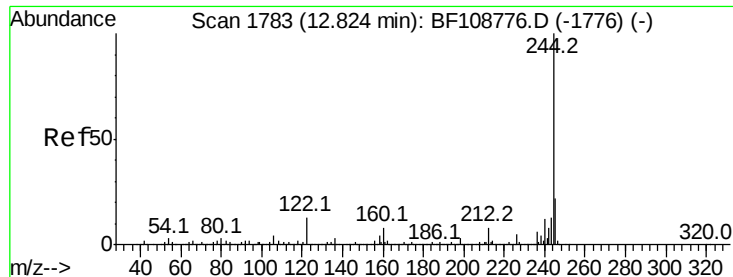
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108806.D
Acq: 6 Sep 2018 5:48

Tgt Ion:240 Resp: 527907
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.4 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: 64.373 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Instrument :

BNA_F

ClientSampleId :

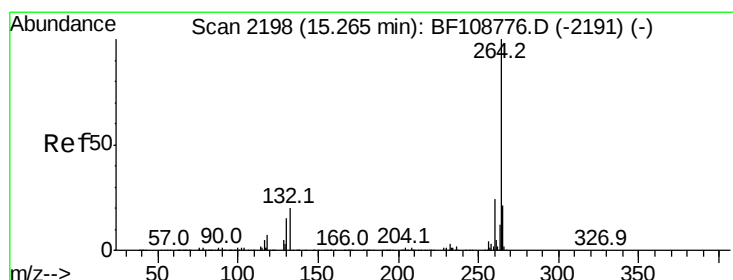
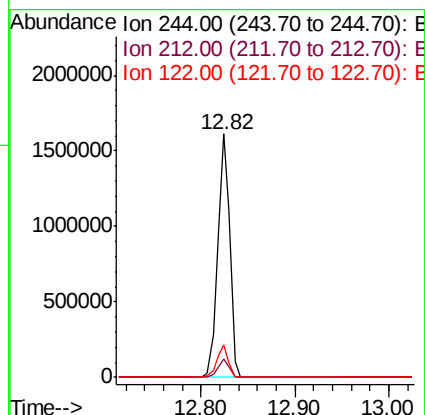
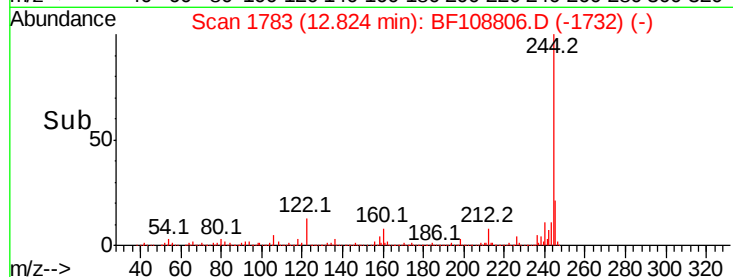
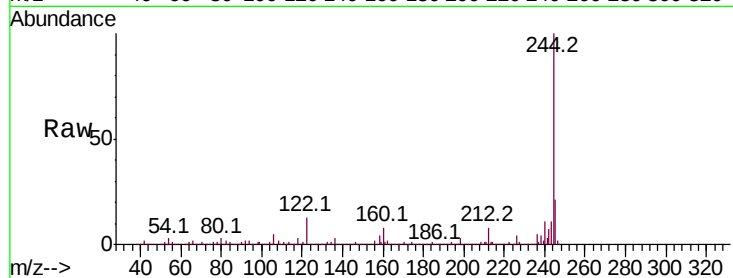
Tot Ion:244 Resp: 1457300

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 13.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108806.D

Acq: 6 Sep 2018 5:48

Tgt Ion:264 Resp: 390919

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 17.5 26.3

