

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
 Data File : BF111796.D
 Acq On : 28 Dec 2018 18:39
 Operator : JU/SJ
 Sample : J6591-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW09_122718

Quant Time: Dec 29 01:11:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

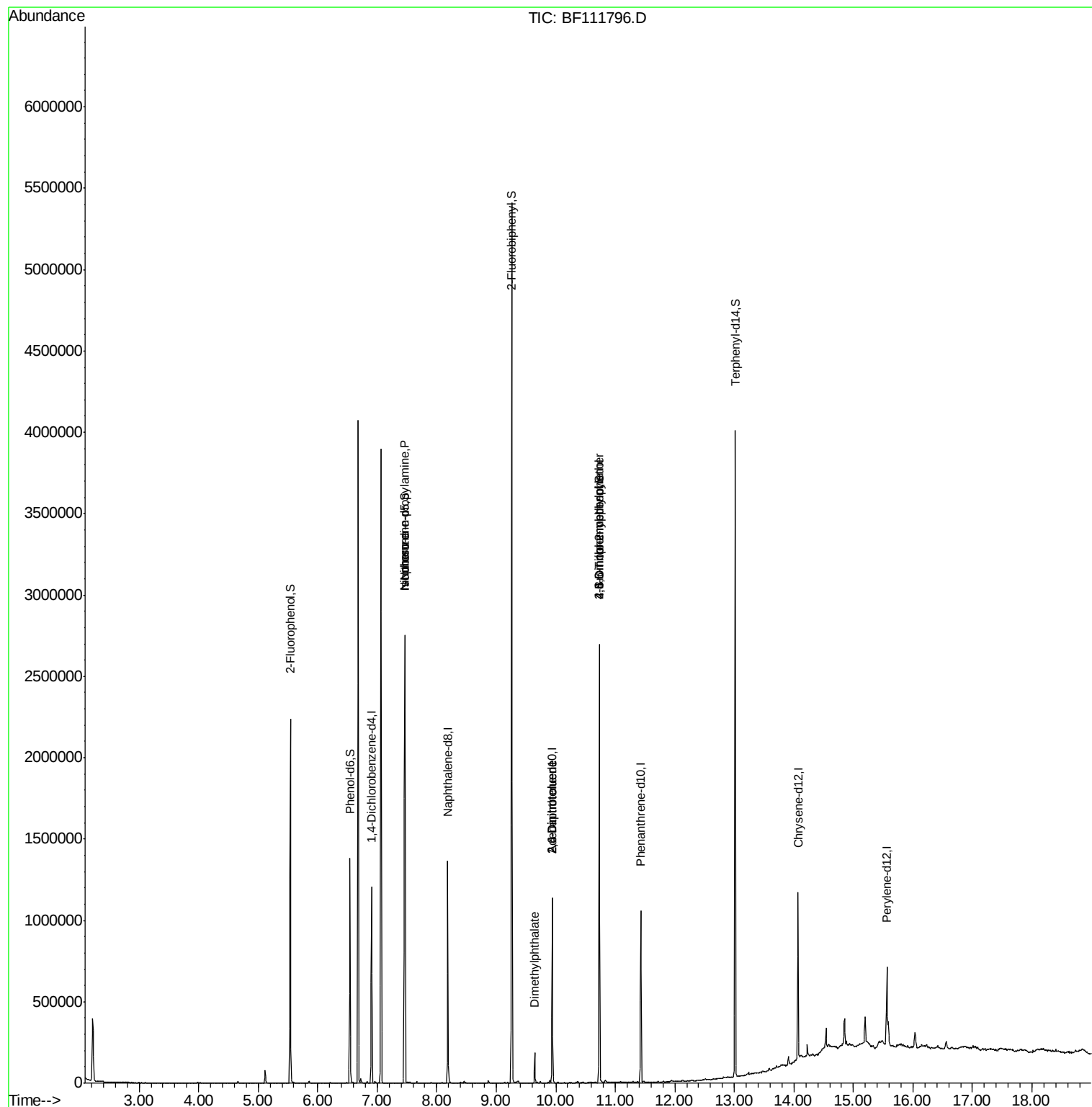
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158529	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	544880	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	223820	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	358742	20.00	ng	0.01
76) Chrysene-d12	14.07	240	326147	20.00	ng	0.02
87) Perylene-d12	15.56	264	228572	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	542565	58.34	ng	0.02
7) Phenol-d6	6.54	99	416690	35.20	ng	0.02
23) Nitrobenzene-d5	7.46	82	935014	99.88	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	313898	118.69	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1608121	104.73	ng	0.00
79) Terphenyl-d14	13.02	244	1365097	79.38	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	128731	16.377	ng	# 78
25) Isophorone	7.46	82	932842	56.133	ng	# 64
50) Dimethylphthalate	9.65	163	70884	4.331	ng	# 98
51) 2,6-Dinitrotoluene	9.94	165	29492	9.037	ng	# 29
57) 2,4-Dinitrotoluene	9.94	165	29492	7.519	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.73	198	512	6.990	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	19341	4.347	ng	# 1

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

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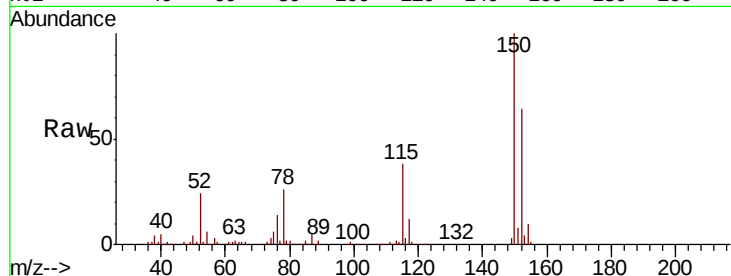


#1

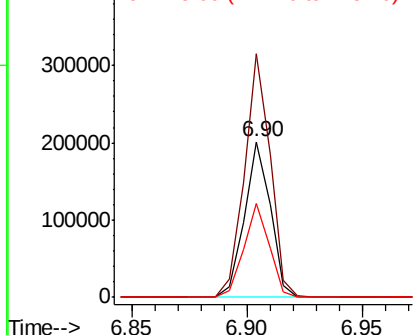
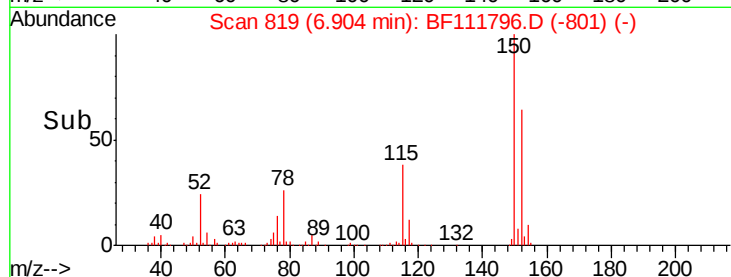
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Instrument :
BNA_F
ClientSampleId :
MW09_122718

Tgt Ion:152 Resp: 158529
Ion Ratio Lower Upper
152 100
150 156.4 126.6 189.8
115 60.1 50.7 76.1



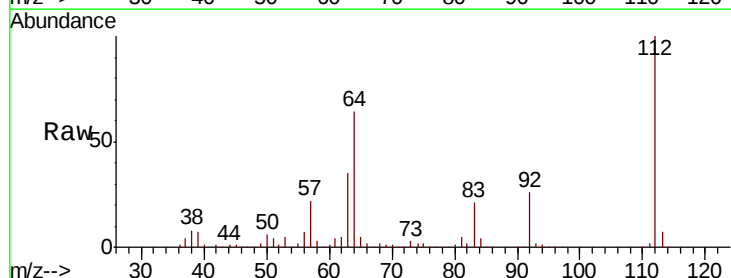
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



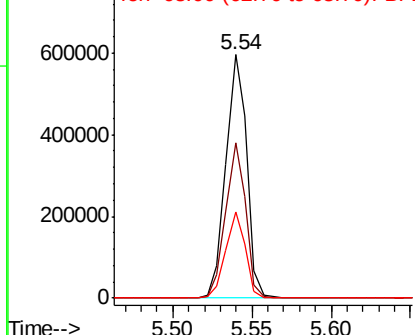
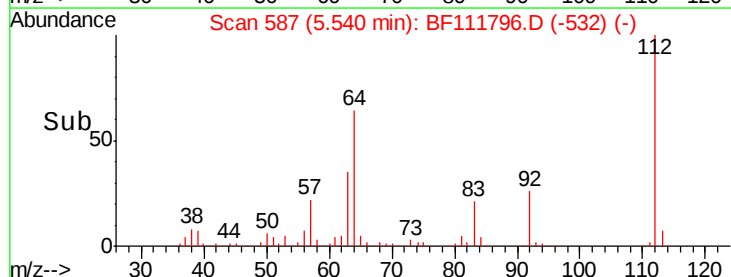
#5

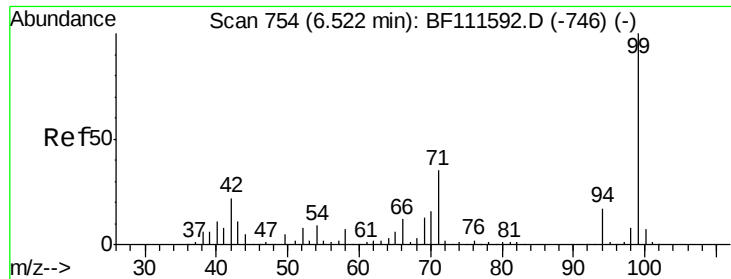
2-Fluorophenol
Concen: 58.338 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Tgt Ion:112 Resp: 542565
Ion Ratio Lower Upper
112 100
64 63.9 51.8 77.6
63 35.3 26.8 40.2



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: 35.205 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

Instrument :

BNA_F

ClientSampleId :

MW09_122718

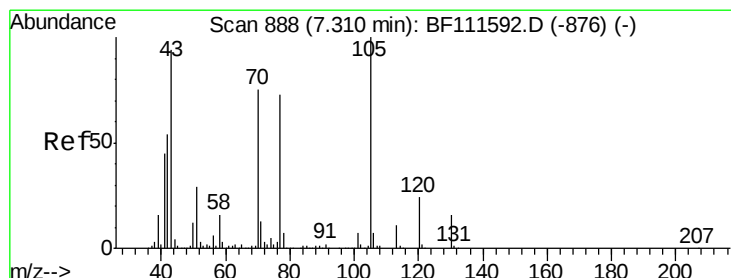
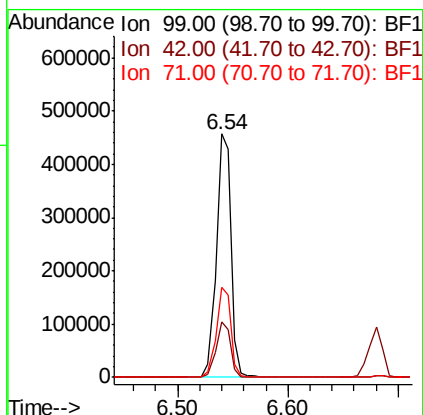
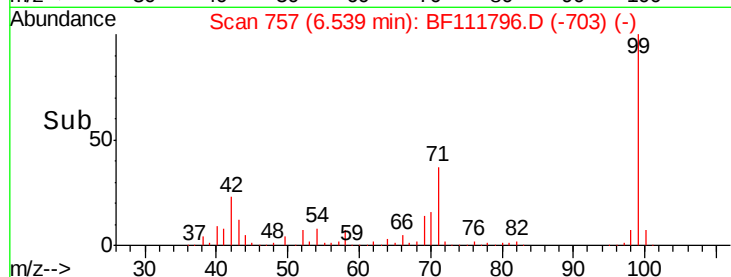
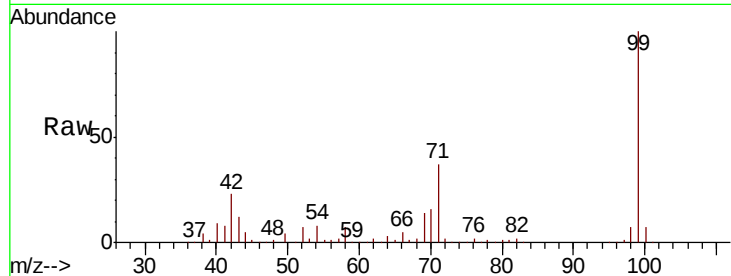
Tgt Ion: 99 Resp: 416690

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

71 37.2 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.377 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

Tgt Ion: 70 Resp: 128731

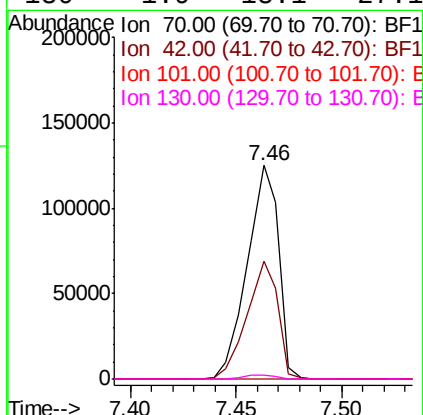
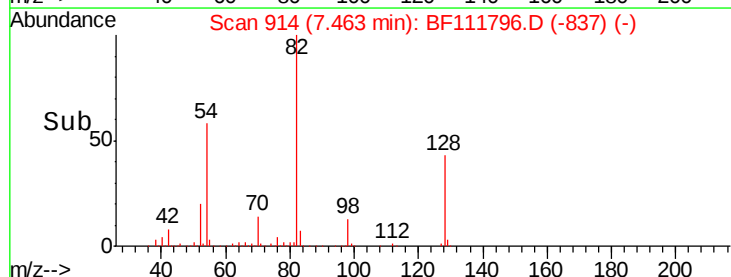
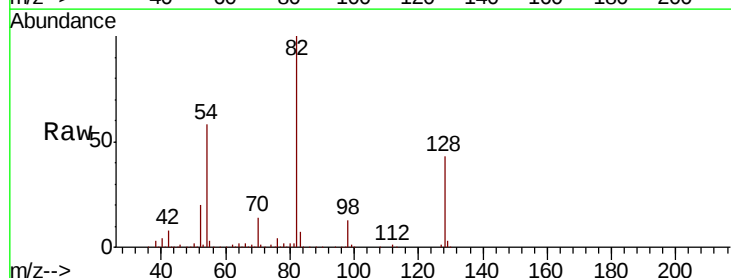
Ion Ratio Lower Upper

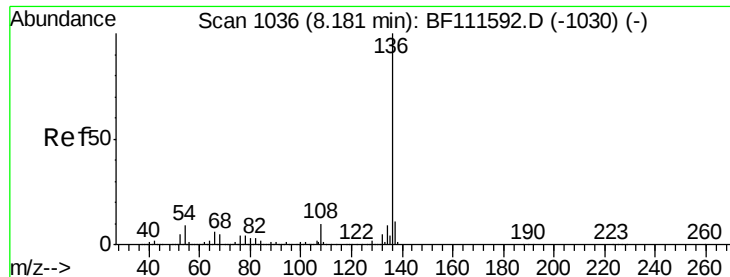
70 100

42 55.1 53.2 79.8

101 0.0 8.2 12.4#

130 1.9 18.1 27.1#

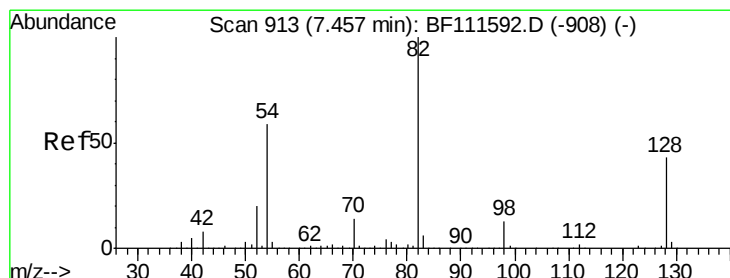
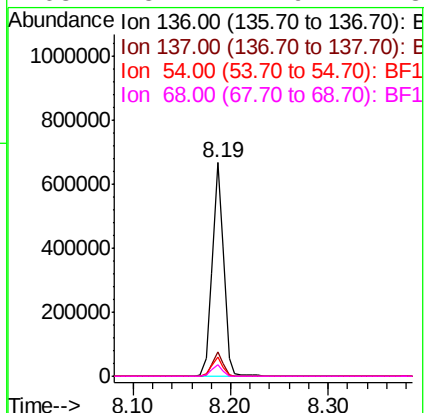
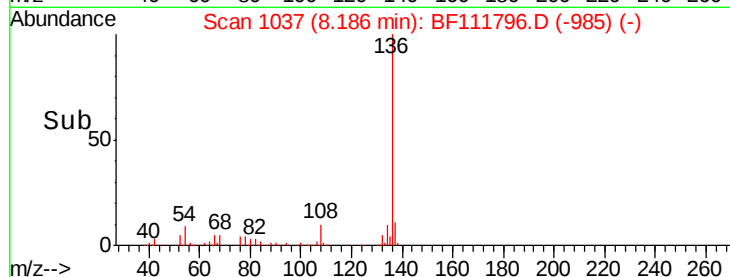
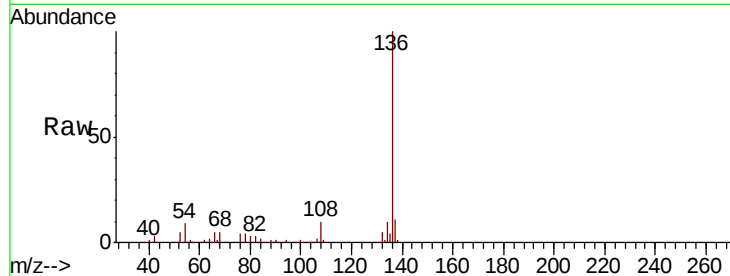




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

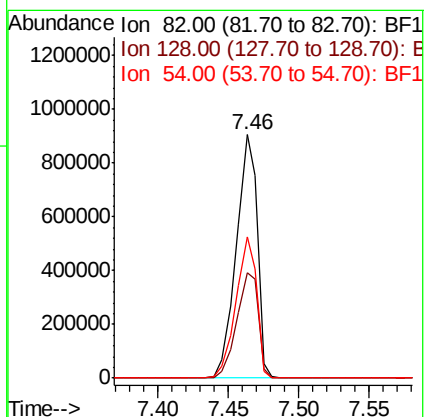
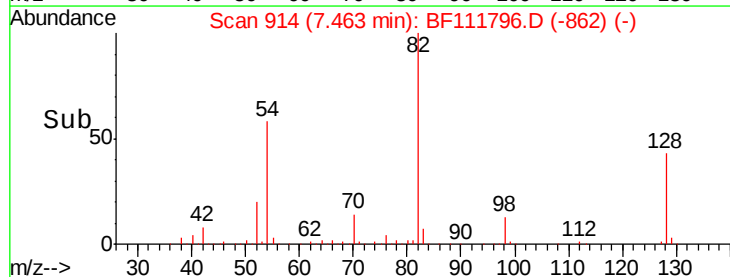
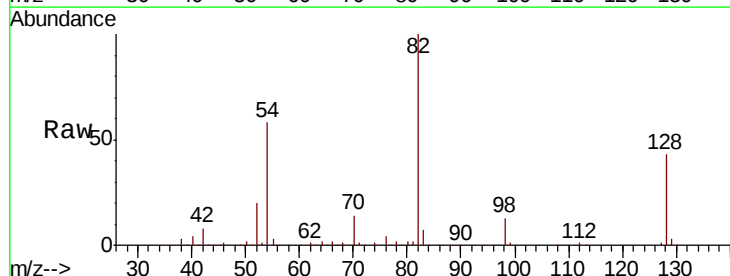
Instrument :
BNA_F
ClientSampleId :
MW09_122718

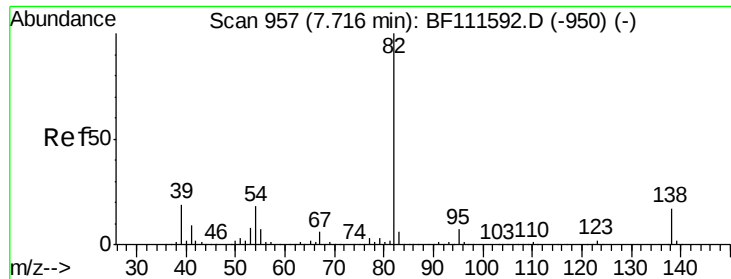
Tgt Ion:	136	Resp:	544880
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.8	7.7	11.5
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 99.884 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Tgt Ion:	82	Resp:	935014
Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.4	56.2
54	58.2	47.6	71.4





#25

Isophorone

Concen: 56.133 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

Instrument :

BNA_F

ClientSampleId :

MW09_122718

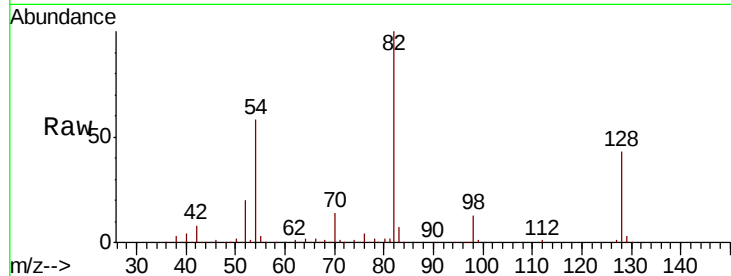
Tgt Ion: 82 Resp: 932842

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

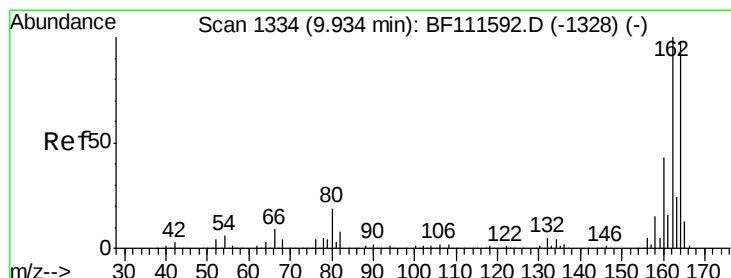
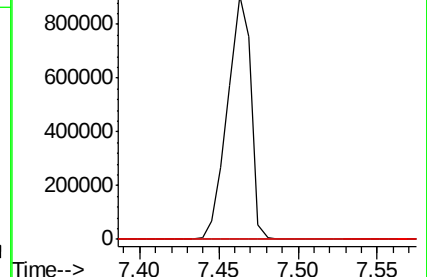
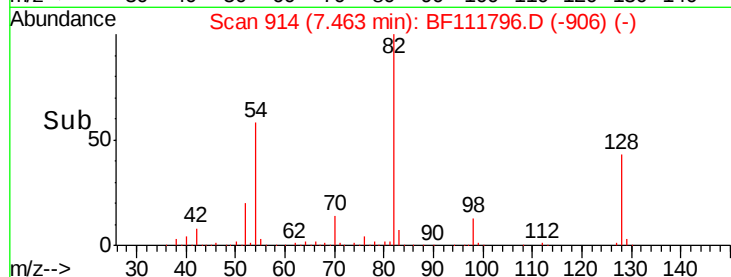
138 0.0 15.1 22.7#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

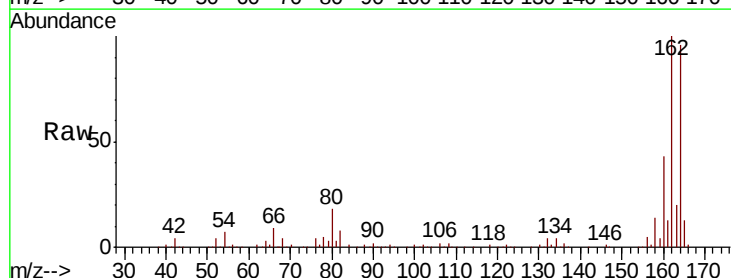
Tgt Ion: 164 Resp: 223820

Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.0

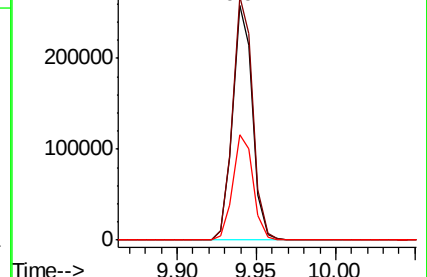
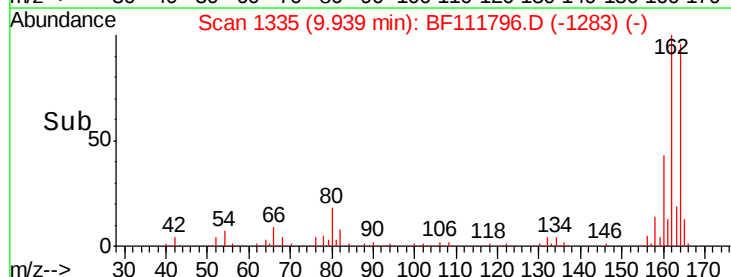
160 44.7 35.7 53.5

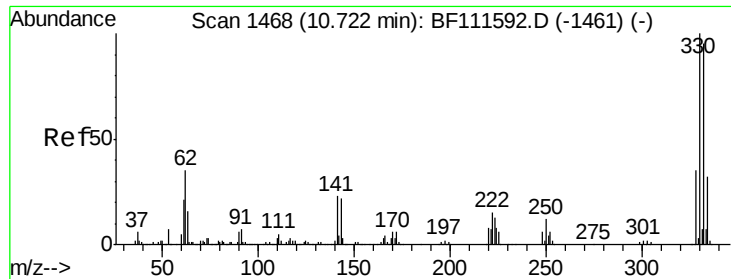


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

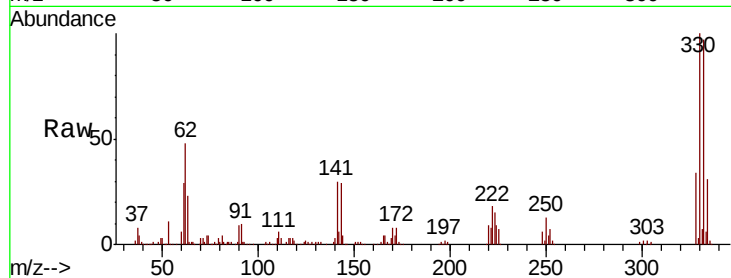




#42
 2,4,6-Tribromophenol
 Concen: 118.694 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 MW09_122718

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	30.1	31.0	46.6#

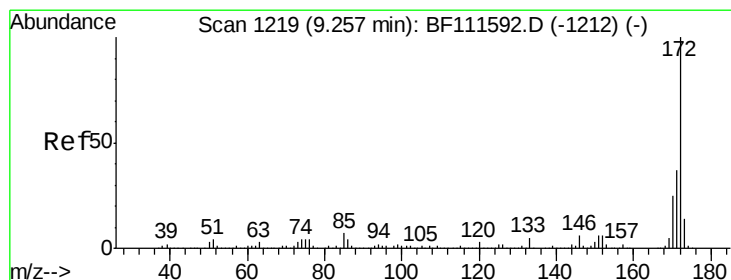
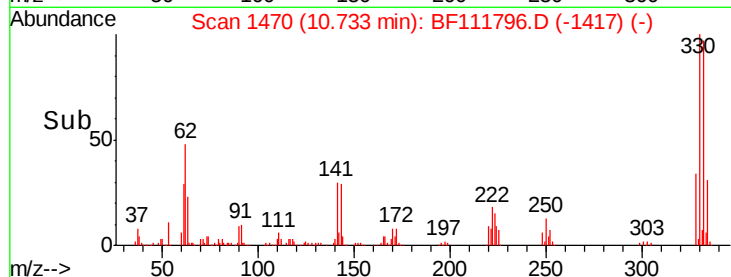
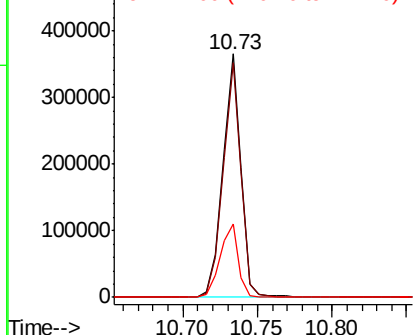


Abundance

Ion 329.80 (329.50 to 330.50): E

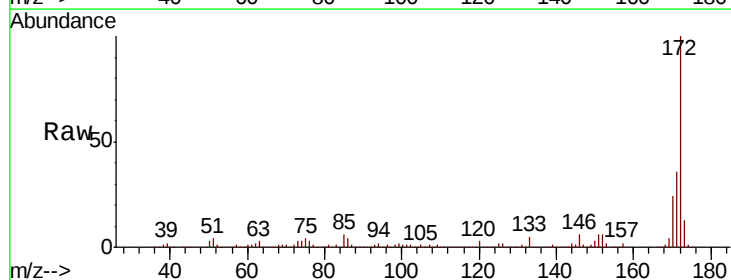
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.725 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	24.3	22.3	33.5

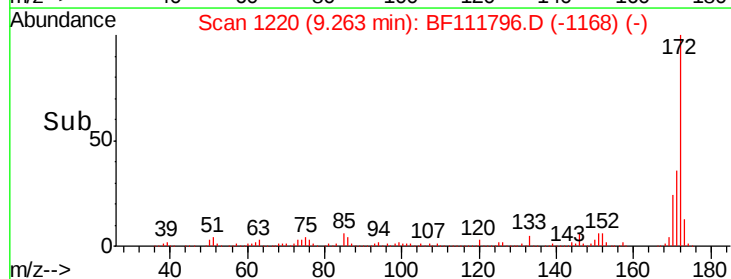
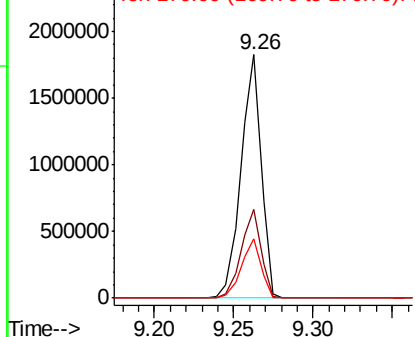


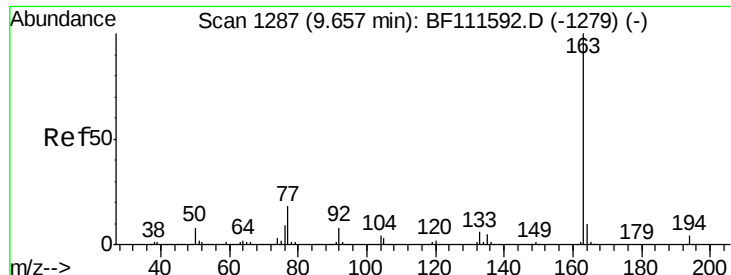
Abundance

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

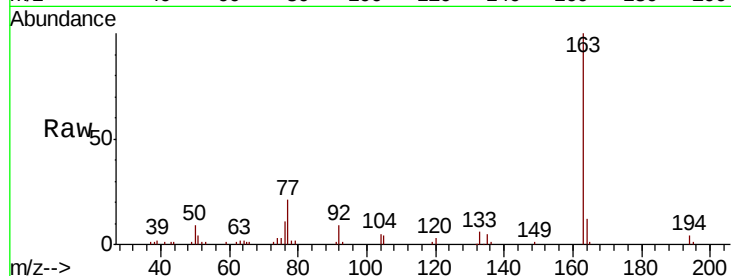




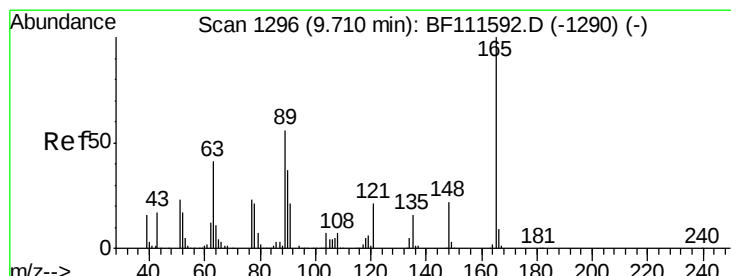
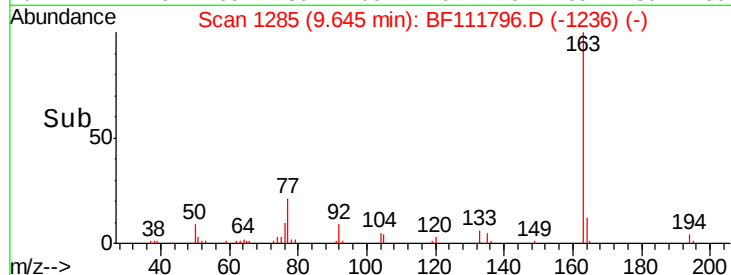
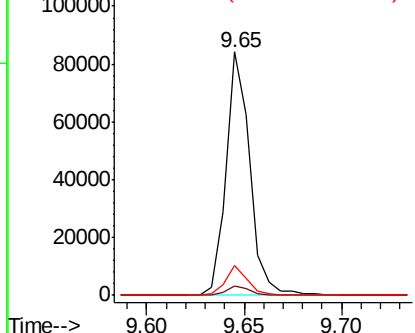
#50
Dimethylphthalate
Concen: 4.331 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Instrument :
BNA_F
ClientSampleId :
MW09_122718

Tgt Ion:163 Resp: 70884
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 12.0 8.9 13.3

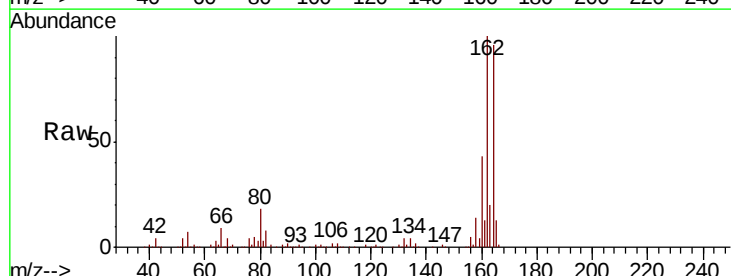


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

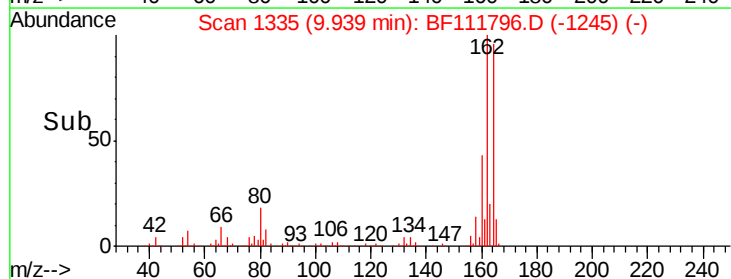
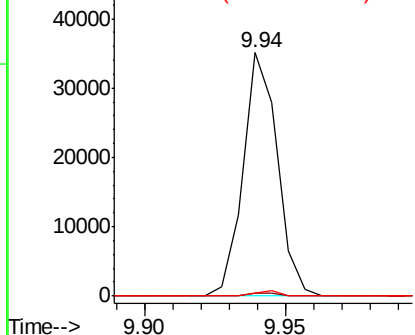


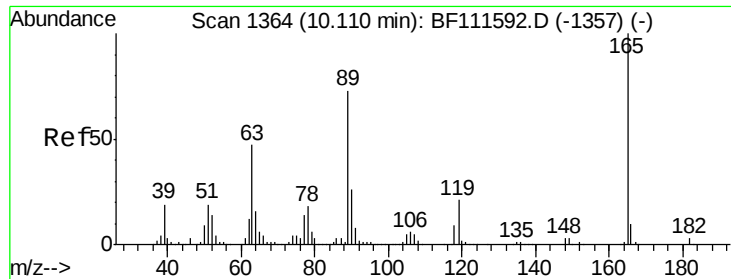
#51
2,6-Dinitrotoluene
Concen: 9.037 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Tgt Ion:165 Resp: 29492
Ion Ratio Lower Upper
165 100
63 1.1 40.5 60.7#
89 1.2 40.0 60.0#



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

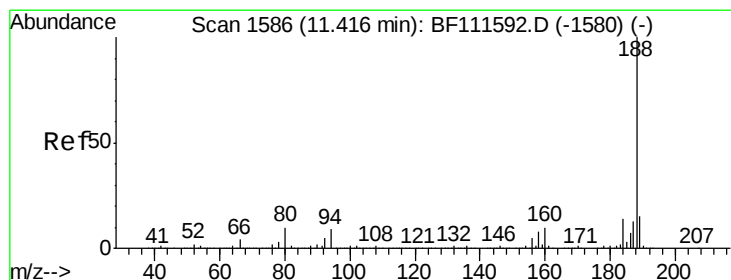
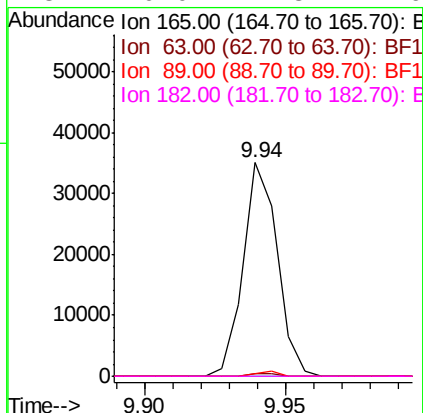
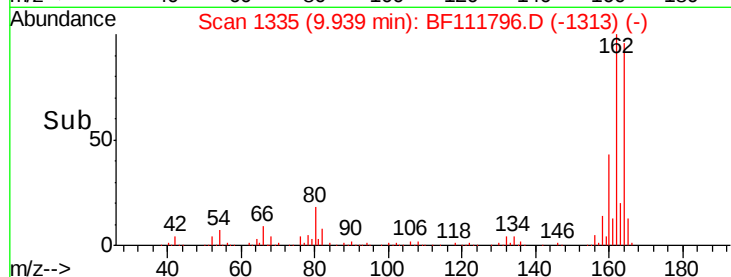
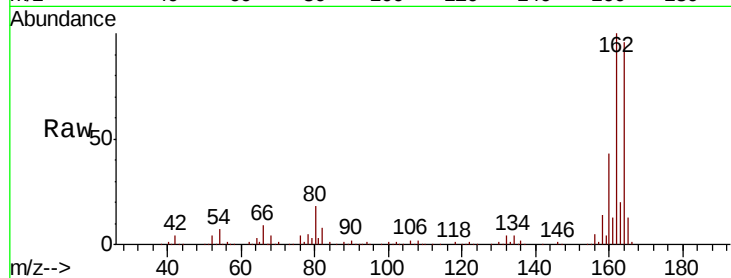




#57
 2,4-Dinitrotoluene
 Concen: 7.519 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

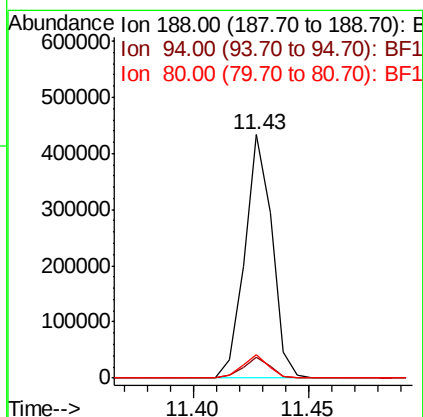
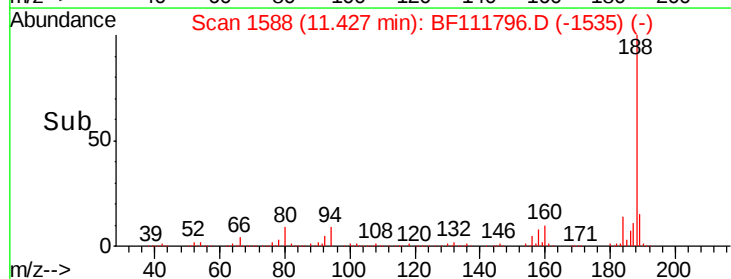
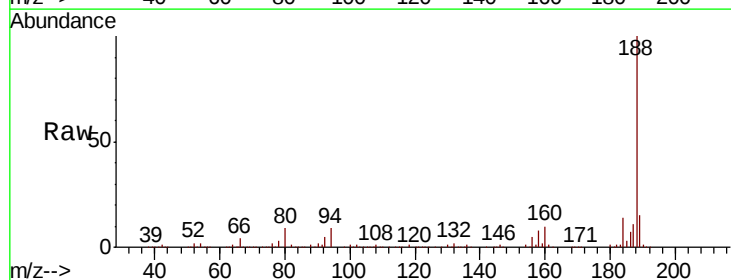
Instrument :
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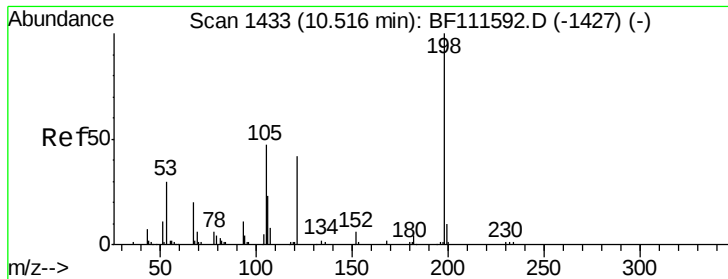
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	9.4	9.8	14.6#

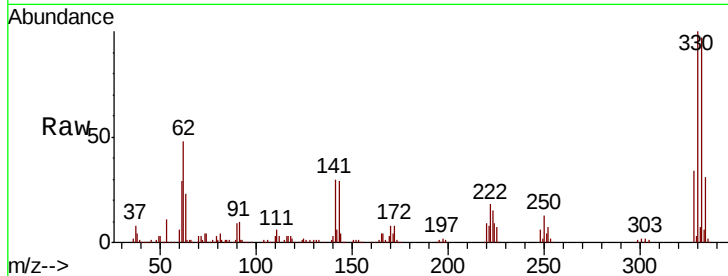




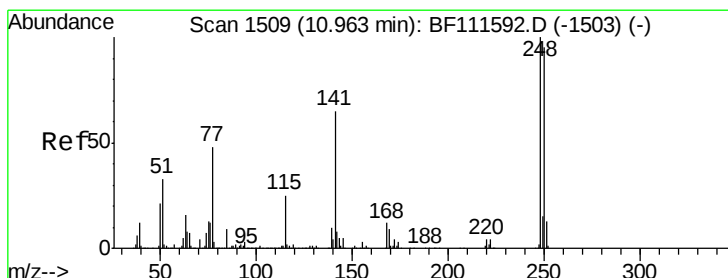
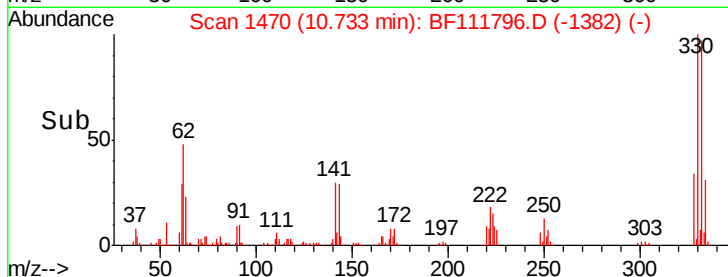
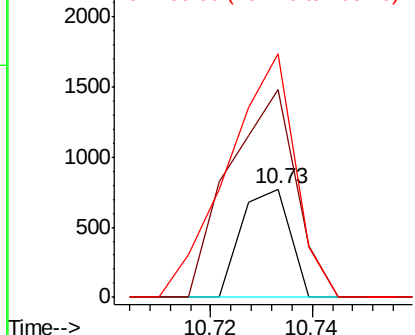
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.990 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.22 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 MW09_122718

Tgt Ion:198 Resp: 512
 Ion Ratio Lower Upper
 198 100
 51 192.4 48.0 88.0#
 105 225.0 34.0 74.0#

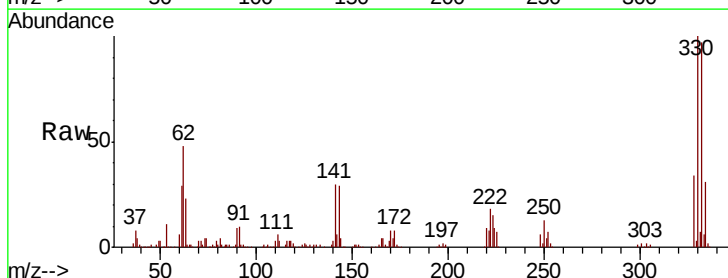


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

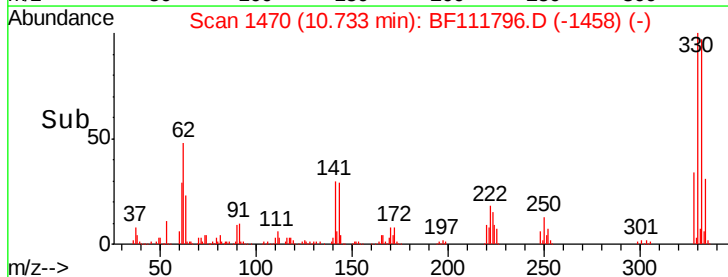
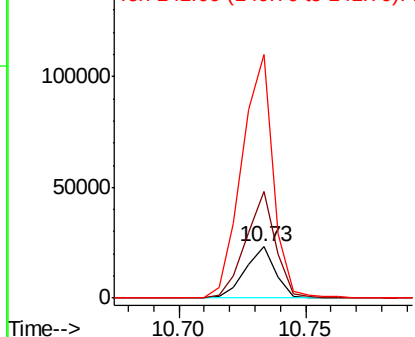


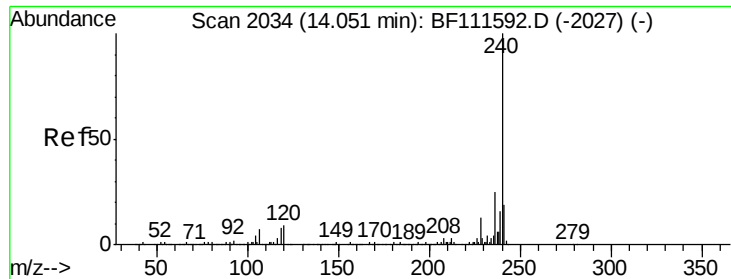
#67
 4-Bromophenyl-phenylether
 Concen: 4.347 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.23 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

Tgt Ion:248 Resp: 19341
 Ion Ratio Lower Upper
 248 100
 250 206.7 77.0 115.4#
 141 472.8 63.0 94.6#



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

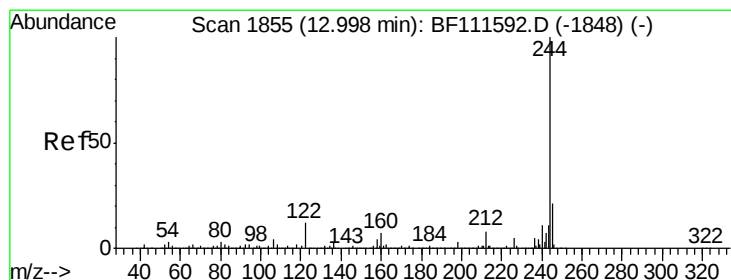
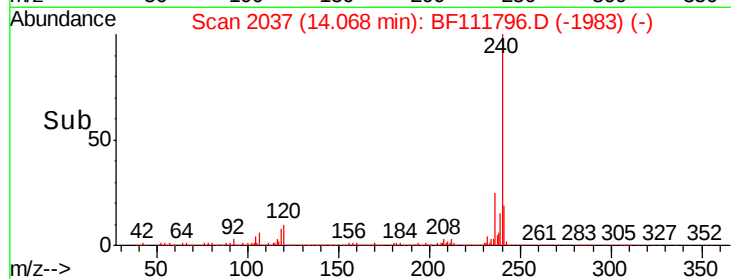
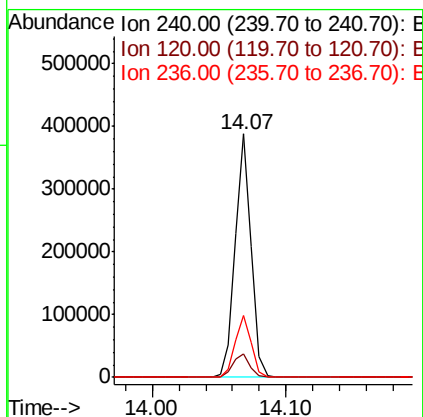
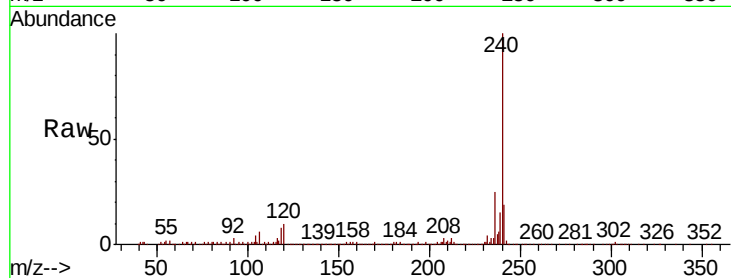




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

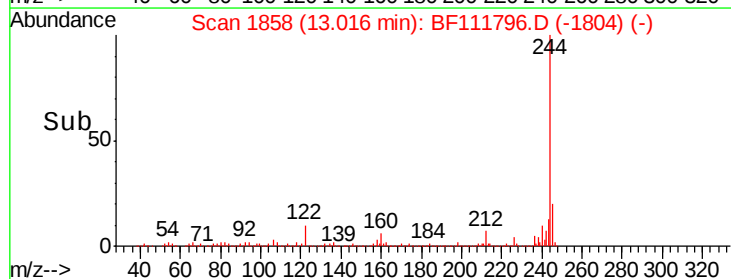
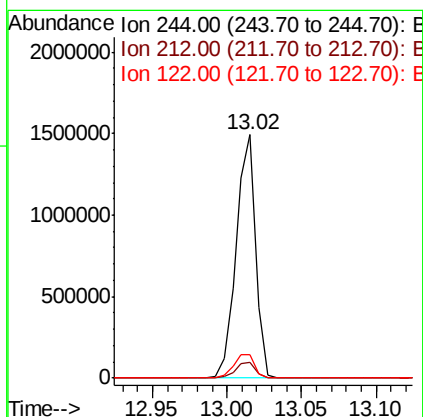
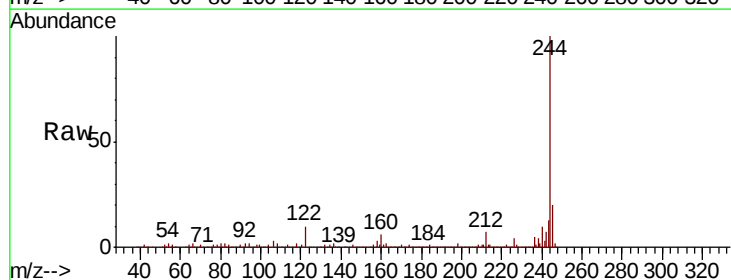
Instrument :
BNA_F
ClientSampleId :
MW09_122718

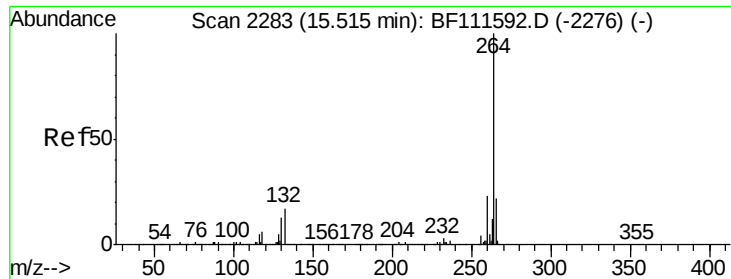
Tgt Ion:240 Resp: 326147
Ion Ratio Lower Upper
240 100
120 9.7 12.2 18.2#
236 25.1 20.2 30.2



#79
Terphenyl-d14
Concen: 79.375 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Tgt Ion:244 Resp: 1365097
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.6 13.1 19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Instrument :
BNA_F
ClientSampleId :
MW09_122718

Tgt Ion: 264 Resp: 228572
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 22.1 17.7 26.5

