

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115119.D
 Acq On : 22 Jun 2019 14:37
 Operator : HP/JU
 Sample : K3441-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GWMH-4

Quant Time: Jun 24 04:34:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273166	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	1048131	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	512228	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	982092	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	582547	20.00	ng	-0.03
87) Perylene-d12	15.08	264	584586	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	745963	42.14	ng	0.00
7) Phenol-d6	6.24	99	636293	29.62	ng	-0.02
23) Nitrobenzene-d5	7.17	82	1059097	62.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	364974	67.57	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1959063	64.97	ng	-0.02
79) Terphenyl-d14	12.69	244	1858382	67.83	ng	-0.02

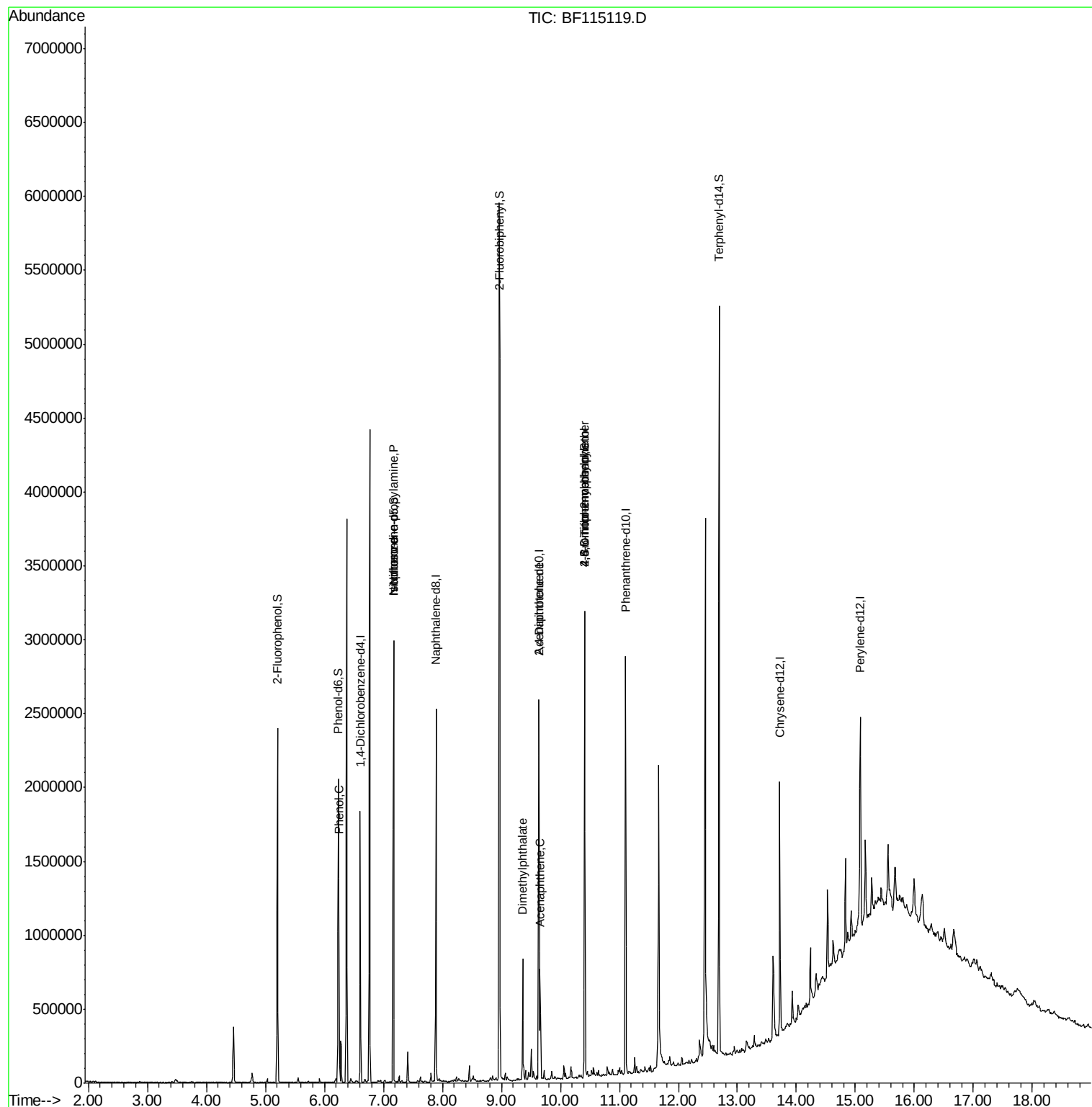
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.25	94	67034	2.664	ng	85
19) n-Nitroso-di-n-propylamine	7.17	70	139583	10.148	ng	# 76
25) Isophorone	7.17	82	1044614	29.928	ng	# 63
50) Dimethylphthalate	9.36	163	295854	7.851	ng	99
52) Acenaphthene	9.67	154	72428	2.235	ng	98
57) 2,4-Dinitrotoluene	9.64	165	67509	6.009	ng	# 31
58) Fluorene	10.18	166	11947	Below Cal		100
65) 4,6-Dinitro-2-methylphenol	10.41	198	726	5.084	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	22535	2.116	ng	# 1

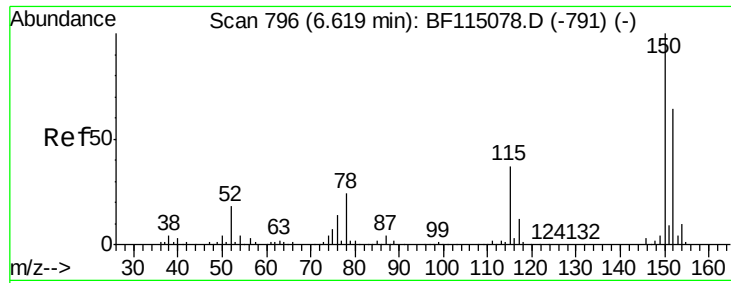
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115119.D
Acq On : 22 Jun 2019 14:37
Operator : HP/JU
Sample : K3441-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GWMH-4

Quant Time: Jun 24 04:34:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration



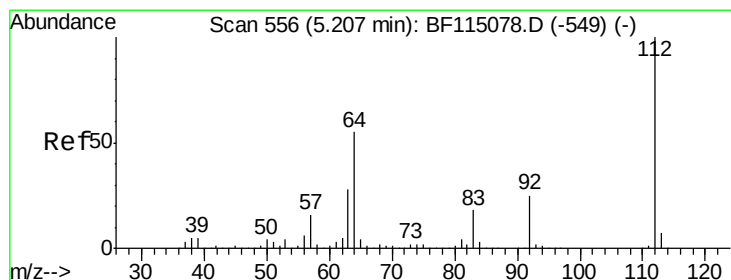
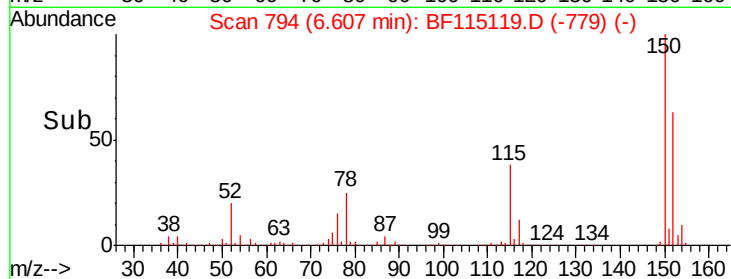
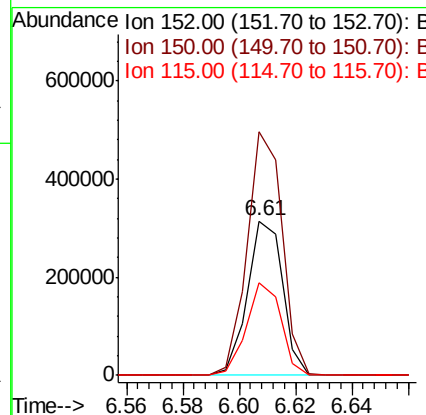
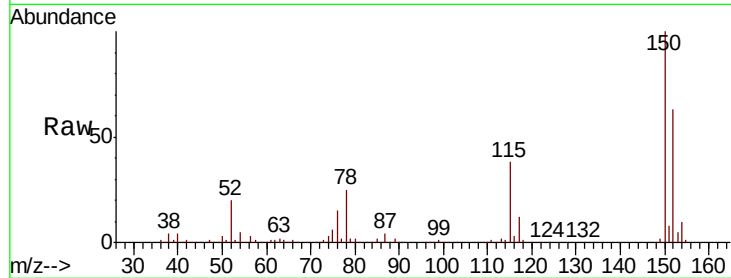


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Instrument :
BNA_F
ClientSampleId :
GWMH-4

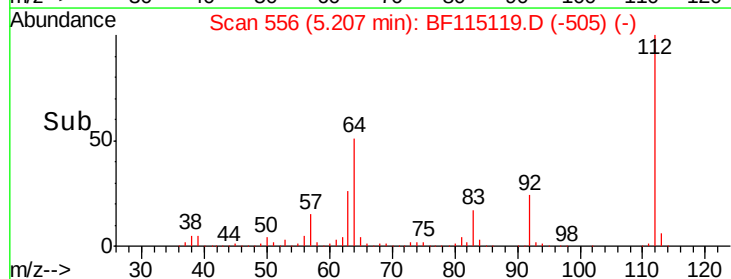
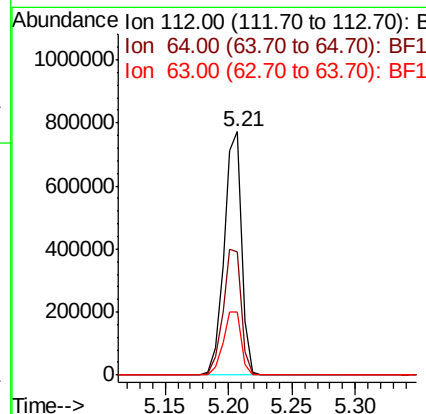
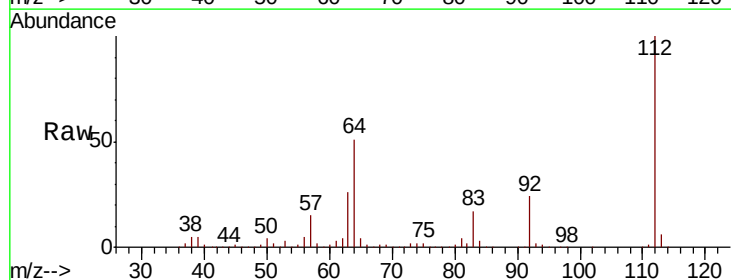
Tot Ion:152 Resp: 273166
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 60.4 46.1 69.1

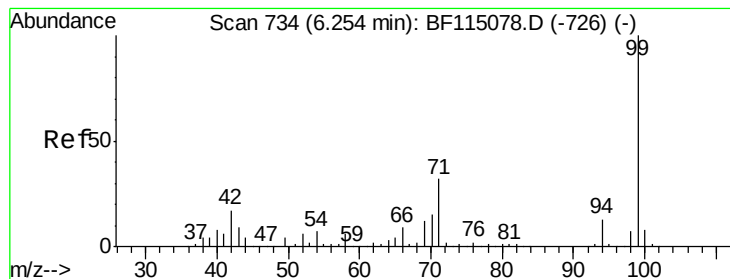


#5

2-Fluorophenol
Concen: 42.141 ng
RT: 5.21 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Tgt Ion:112 Resp: 745963
Ion Ratio Lower Upper
112 100
64 50.8 43.8 65.6
63 25.9 22.2 33.4





#7

Phenol-d6

Concen: 29.615 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Instrument :

BNA_F

ClientSampleId :

GWMH-4

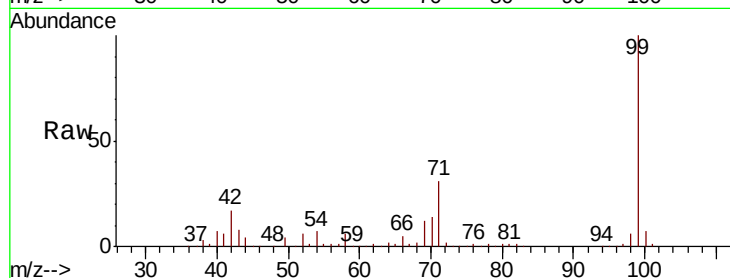
Tot Ion: 99 Resp: 636293

Ion Ratio Lower Upper

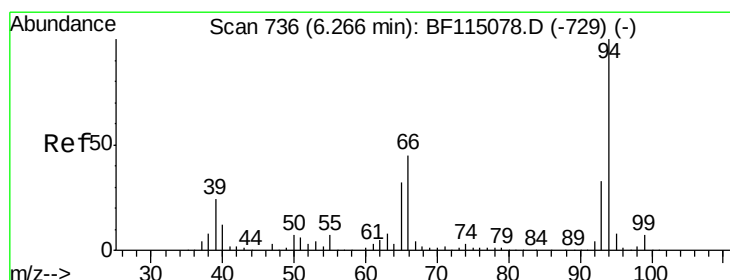
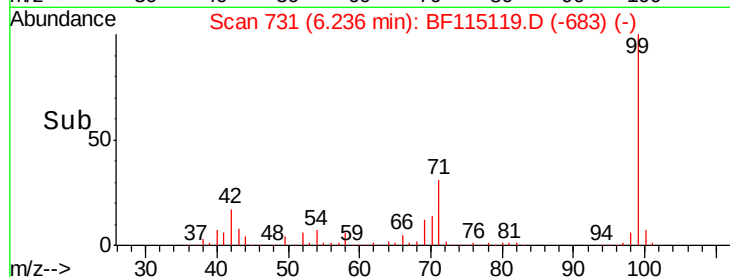
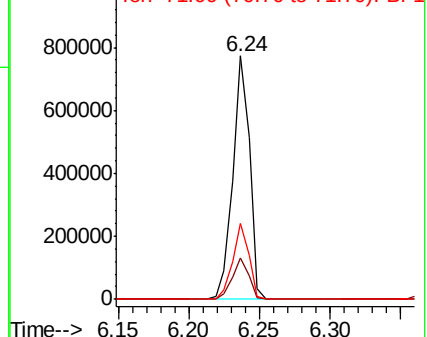
99 100

42 17.1 13.6 20.4

71 31.3 25.5 38.3



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



#10

Phenol

Concen: 2.664 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

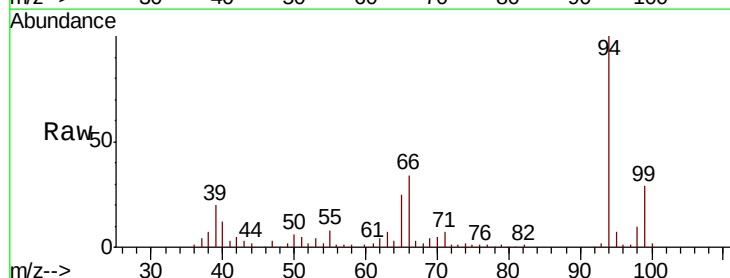
Tgt Ion: 94 Resp: 67034

Ion Ratio Lower Upper

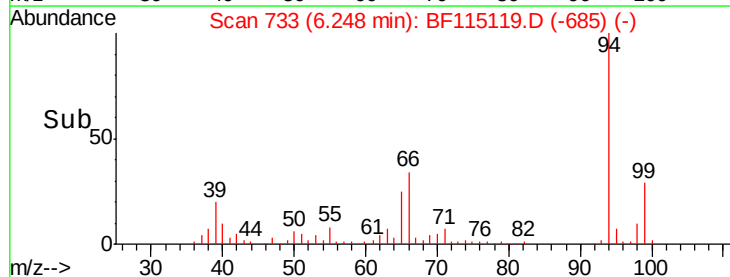
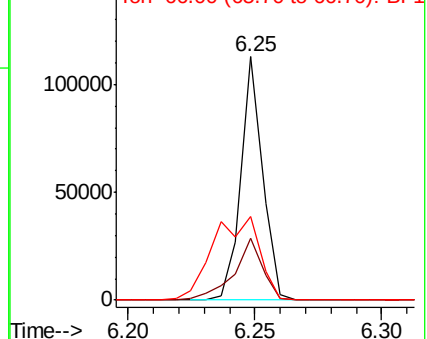
94 100

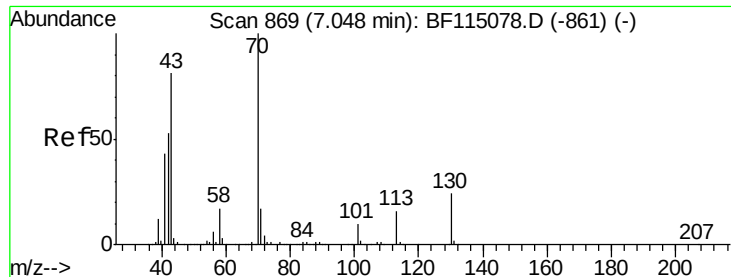
65 25.4 11.9 51.9

66 34.1 25.2 65.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.148 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Instrument :

BNA_F

ClientSampleId :

GWMH-4

Tot Ion: 70 Resp: 139583

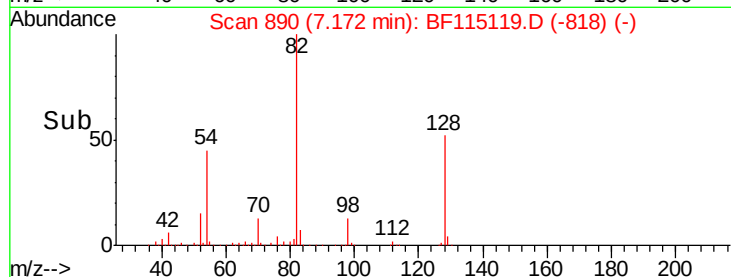
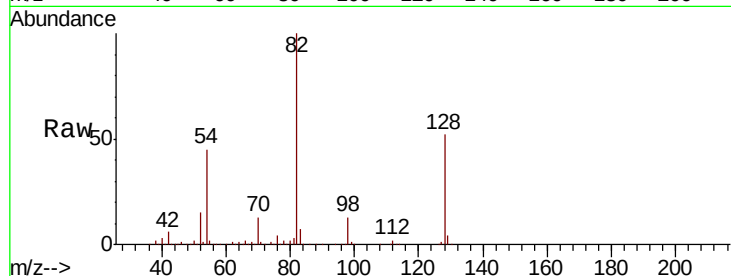
Ion Ratio Lower Upper

70 100

42 42.4 42.6 63.8#

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

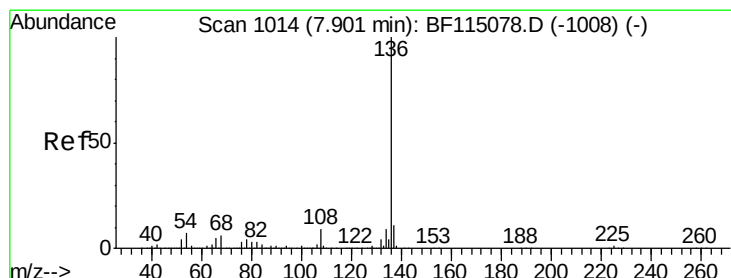
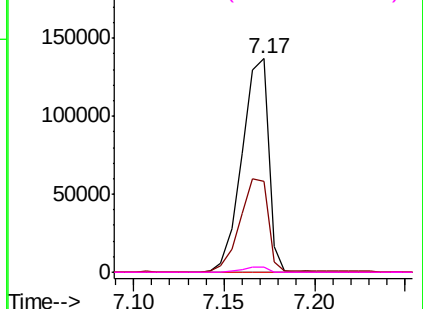


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Tgt Ion: 136 Resp: 1048131

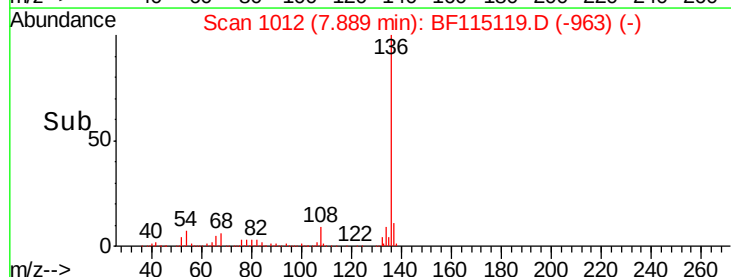
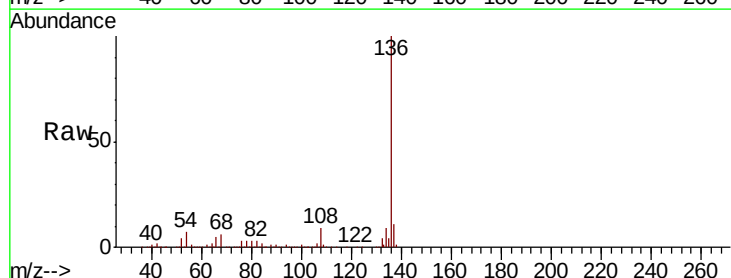
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.9 5.6 8.4

68 5.9 4.8 7.2

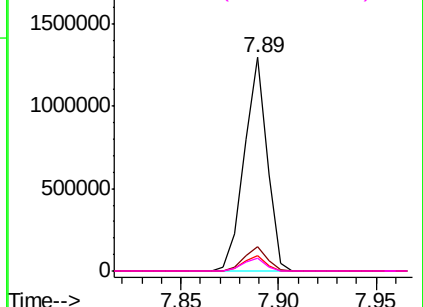


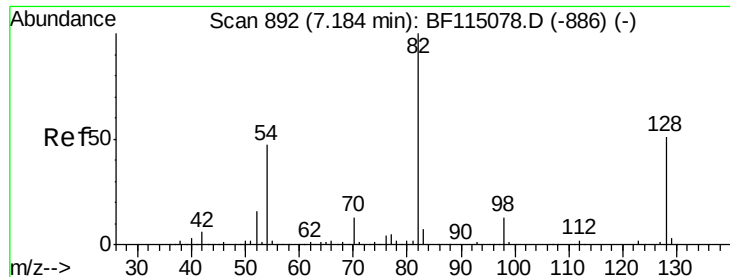
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

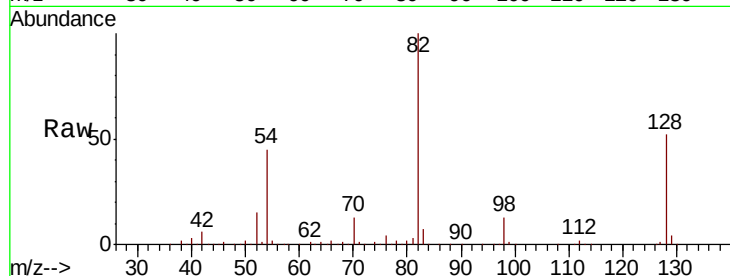




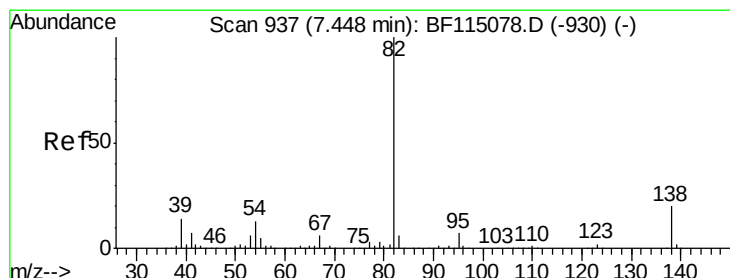
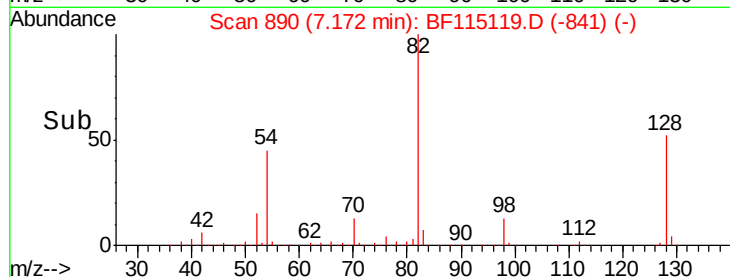
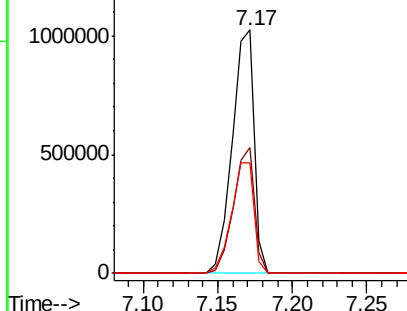
#23
 Nitrobenzene-d5
 Concen: 62.159 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 GWMH-4

Tot Ion: 82 Resp: 1059097
 Ion Ratio Lower Upper
 82 100
 128 51.9 40.4 60.6
 54 45.4 37.5 56.3

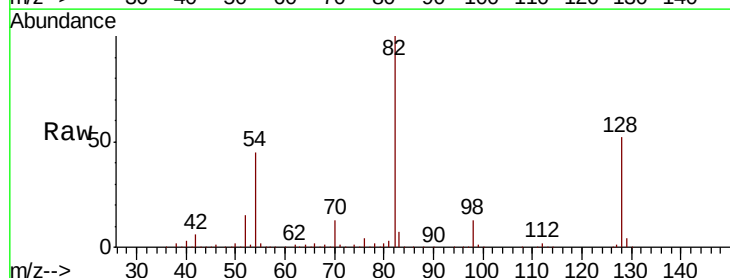


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

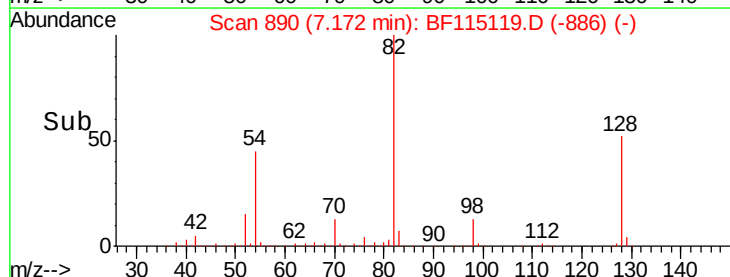
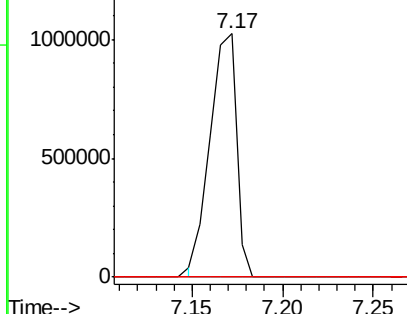


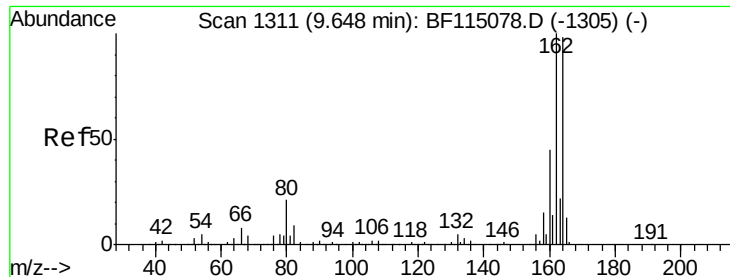
#25
 Isophorone
 Concen: 29.928 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.28 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Tgt Ion: 82 Resp: 1044614
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.9 23.9#



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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Instrument :

BNA_F

ClientSampleId :

GWMH-4

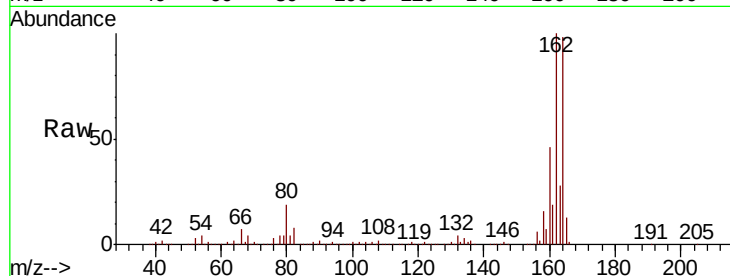
Tot Ion:164 Resp: 512228

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

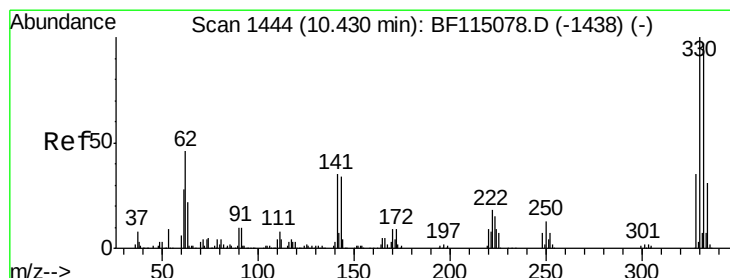
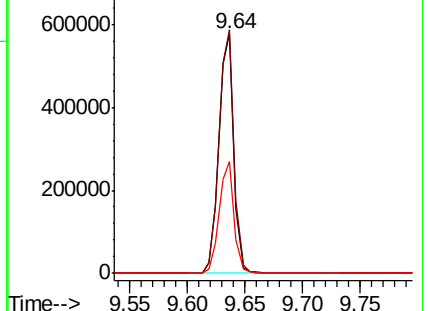
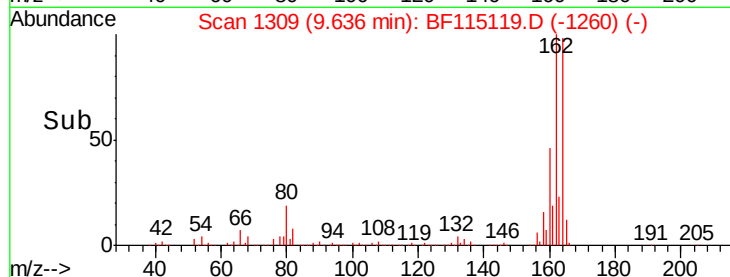
160 46.5 37.0 55.4



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: 67.567 ng

RT: 10.41 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

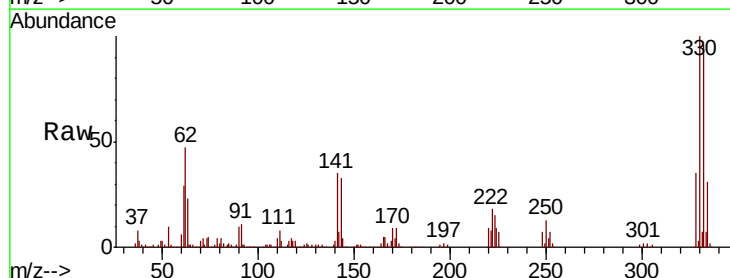
Tgt Ion:330 Resp: 364974

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

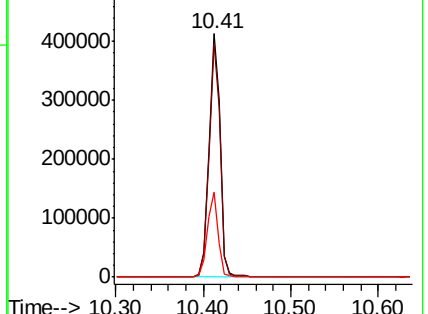
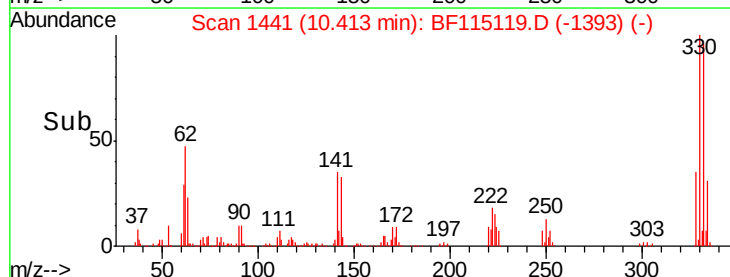
141 34.1 28.2 42.2

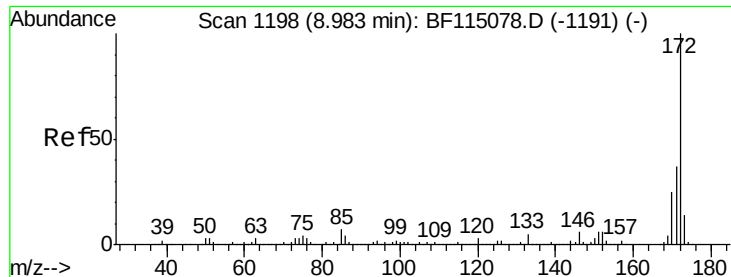


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

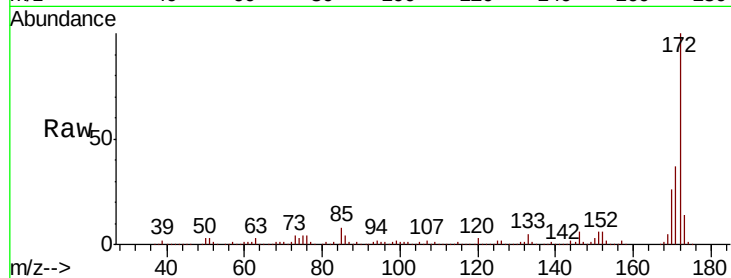




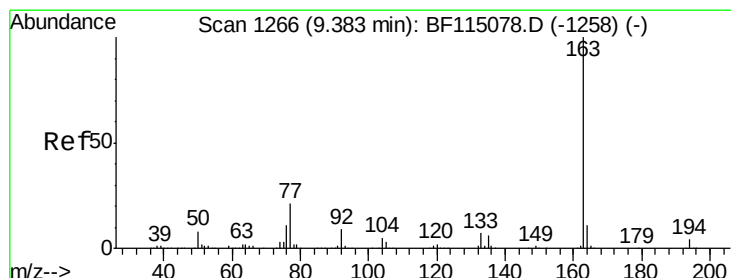
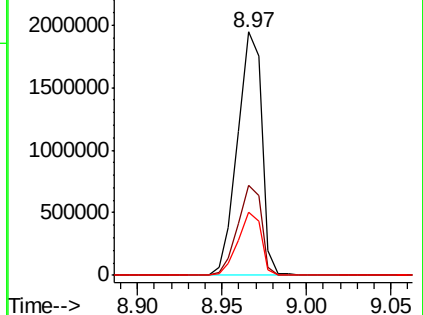
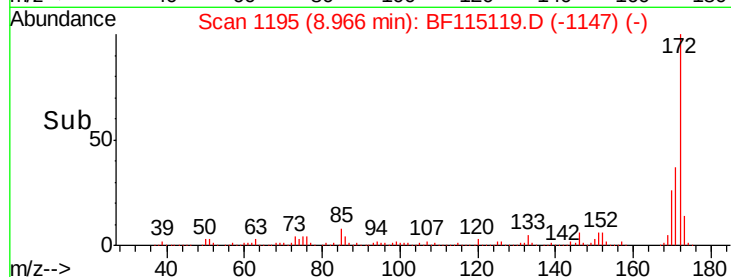
#45
2-Fluorobiphenyl
Concen: 64.965 ng
RT: 8.97 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Instrument :
BNA_F
ClientSampled :
GWMH-4

Tot Ion:172 Resp: 1959063
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.8 20.3 30.5

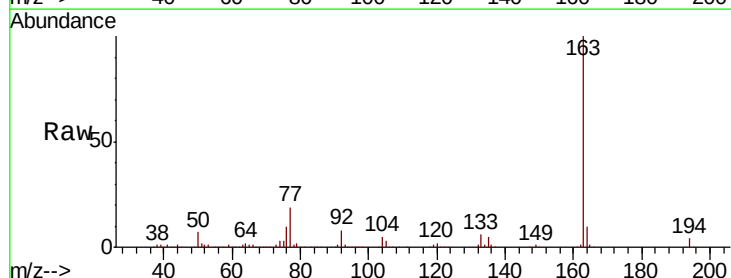


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

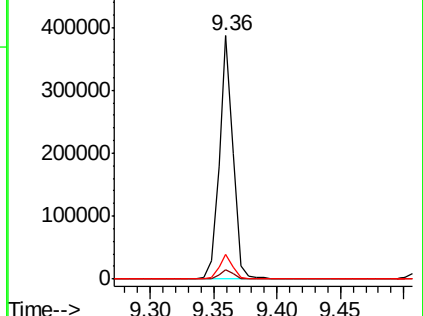
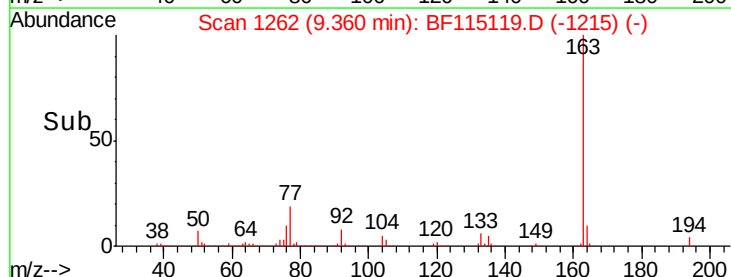


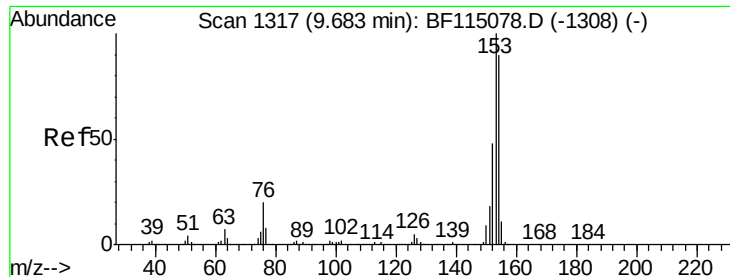
#50
Dimethylphthalate
Concen: 7.851 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Tgt Ion:163 Resp: 295854
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.6 13.0



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





#52

Acenaphthene

Concen: 2.235 ng

RT: 9.67 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Instrument :

BNA_F

ClientSampleId :

GWMH-4

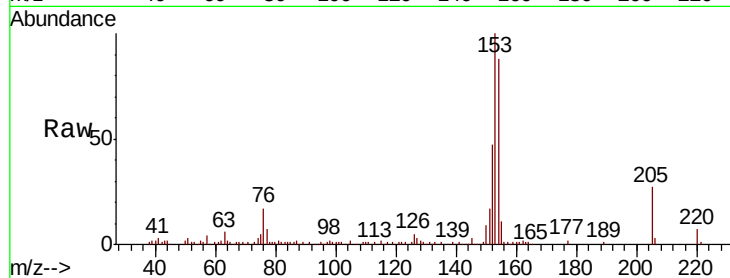
Tot Ion:154 Resp: 72428

Ion Ratio Lower Upper

154 100

153 113.9 88.7 133.1

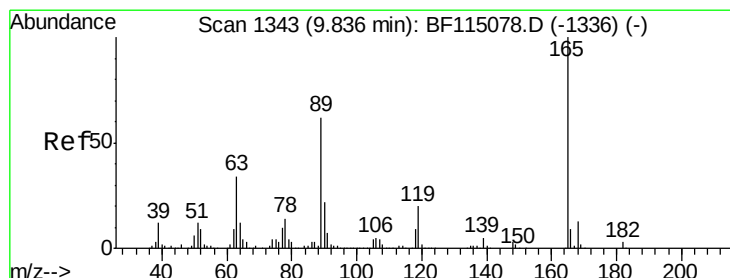
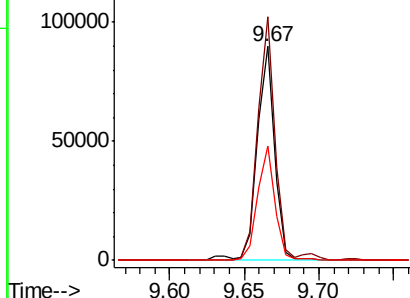
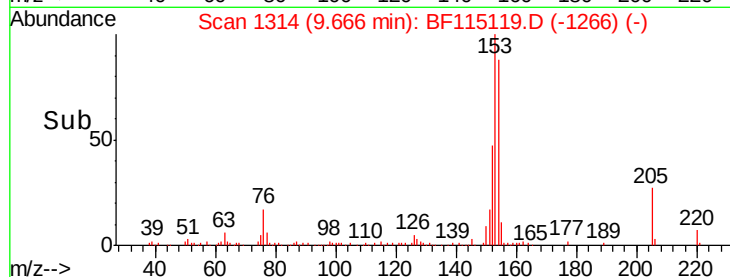
152 53.6 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 6.009 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Tgt Ion:165 Resp: 67509

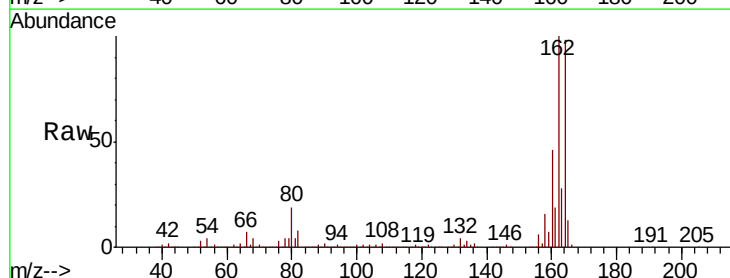
Ion Ratio Lower Upper

165 100

63 1.6 27.5 41.3#

89 1.4 49.9 74.9#

182 0.0 2.1 3.1#

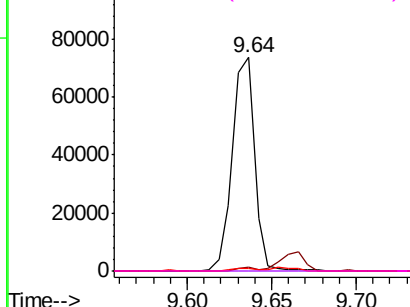
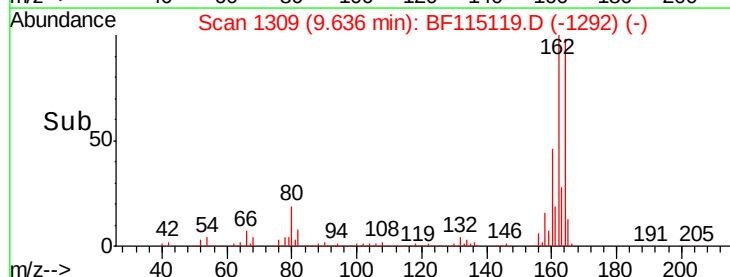


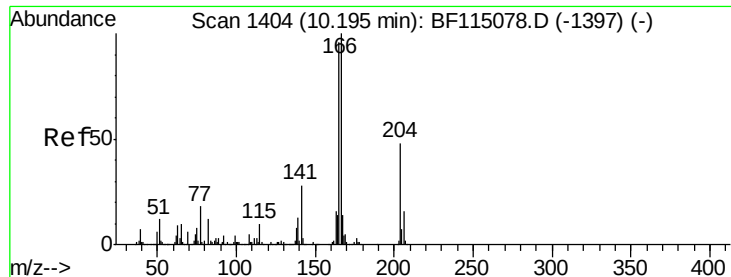
Abundance Ion 165.00 (164.70 to 165.70): E

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

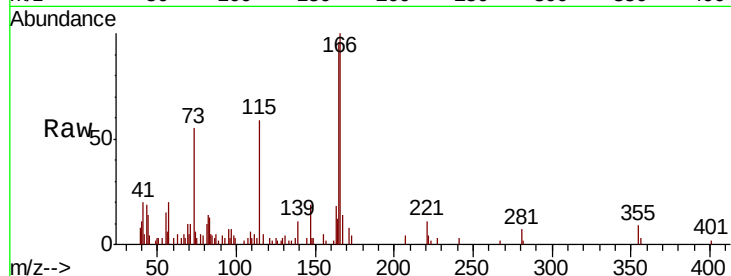




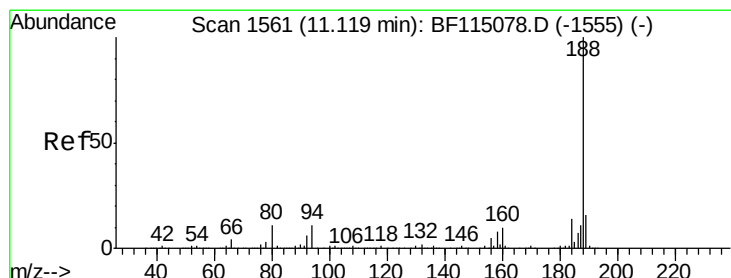
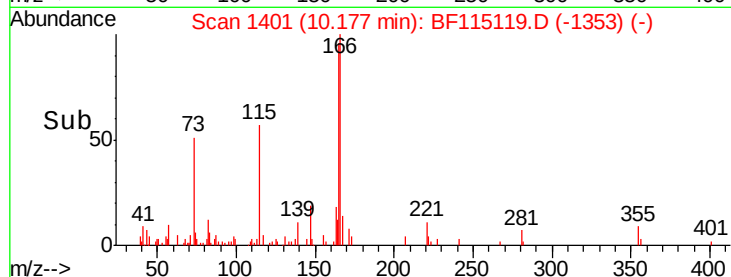
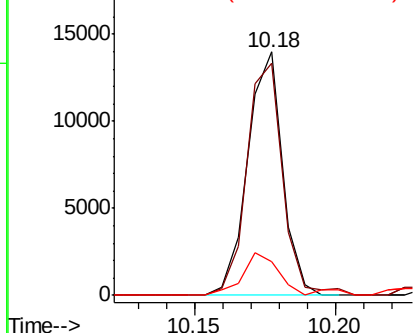
#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 GWMH-4

Tot Ion:166 Resp: 11947
 Ion Ratio Lower Upper
 166 100
 165 95.5 76.5 114.7
 167 13.6 11.0 16.4

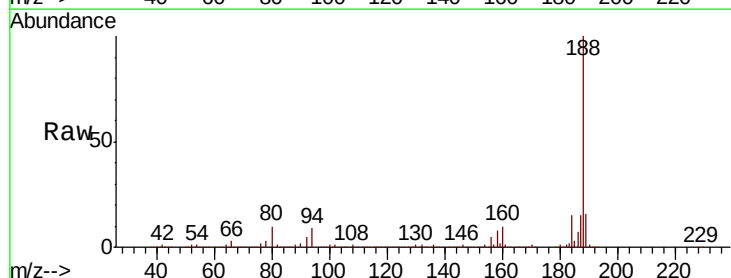


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

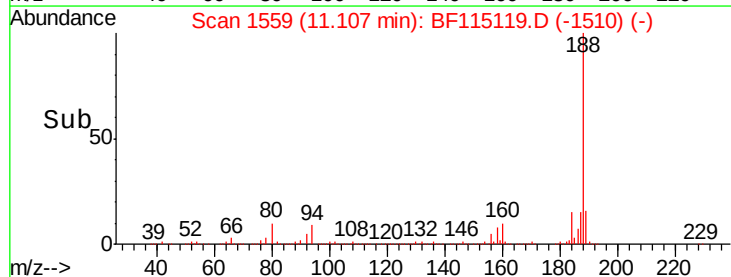
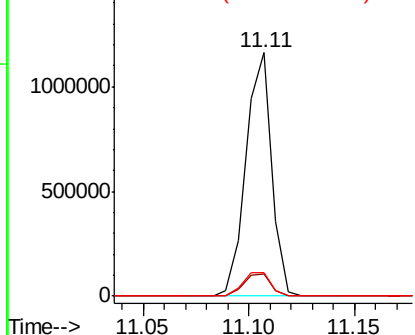


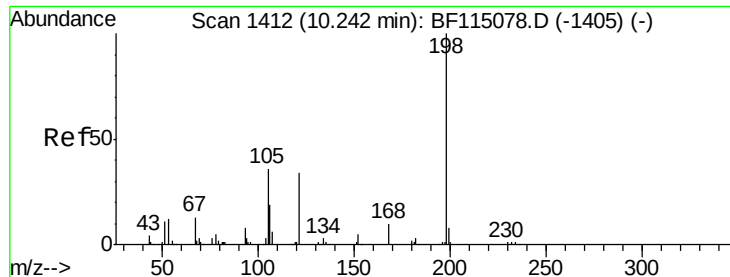
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115119.D
 Acq: 22 Jun 2019 14:37

Tgt Ion:188 Resp: 982092
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.6 12.8
 80 9.7 8.8 13.2



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

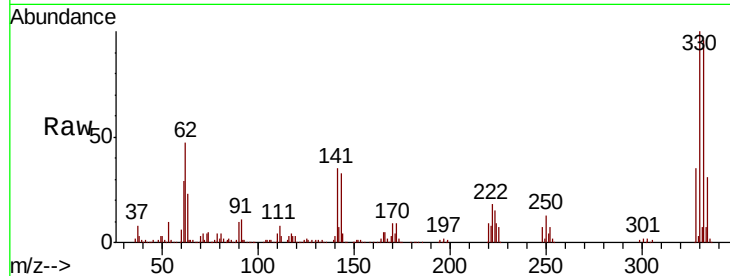




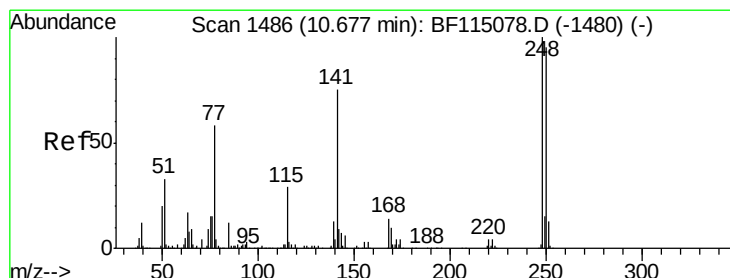
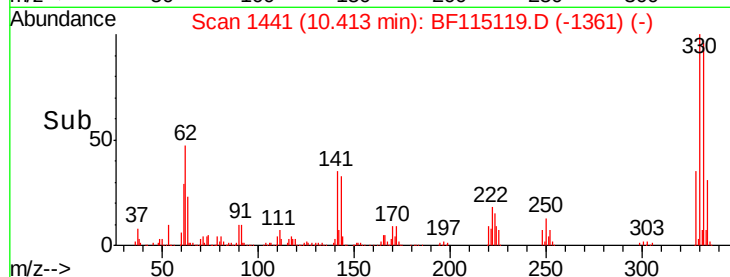
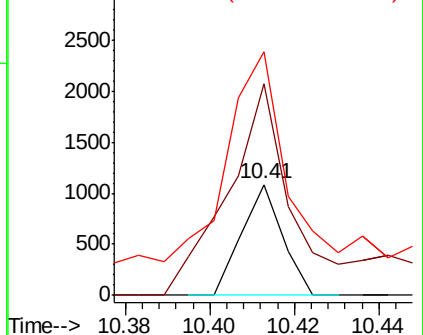
#65
4,6-Dinitro-2-methylphenol
Concen: 5.084 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.17 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Instrument :
BNA_F
ClientSampled :
GWMH-4

Tot Ion:198 Resp: 726
Ion Ratio Lower Upper
198 100
51 191.1 11.0 51.0#
105 220.1 17.3 57.3#

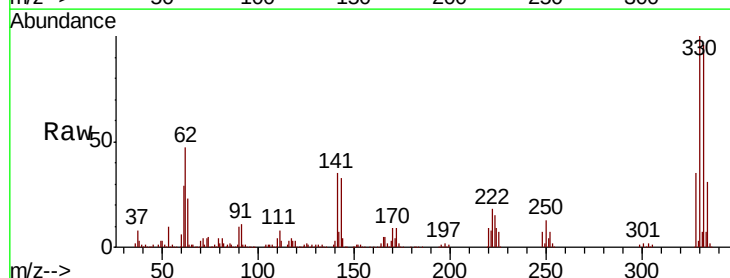


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

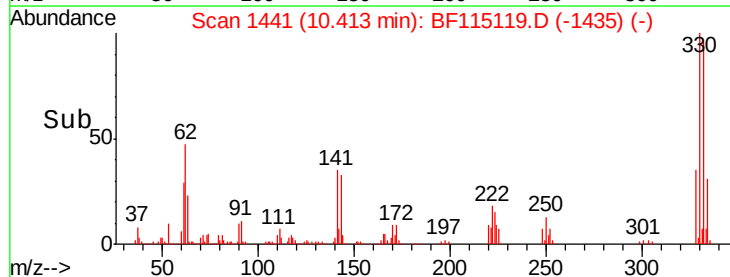
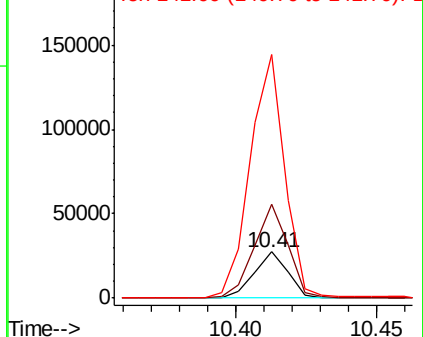


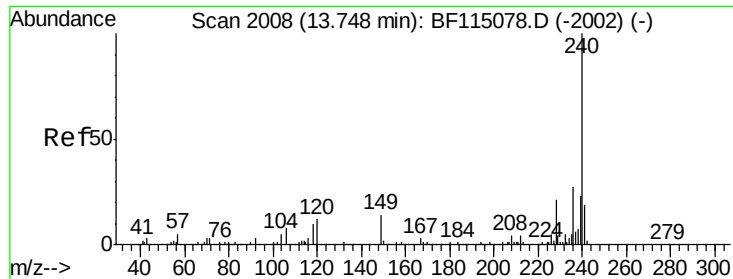
#67
4-Bromophenyl-phenylether
Concen: 2.116 ng
RT: 10.41 min Scan# 1441
Delta R.T. -0.26 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Tgt Ion:248 Resp: 22535
Ion Ratio Lower Upper
248 100
250 203.2 76.2 114.2#
141 530.6 59.6 89.4#



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: 13.72 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

Instrument :

BNA_F

ClientSampleId :

GWMH-4

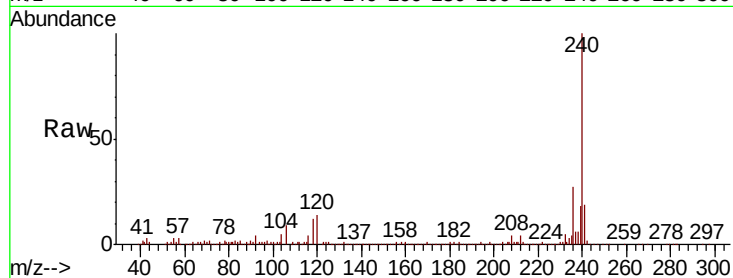
Tot Ion:240 Resp: 582547

Ion Ratio Lower Upper

240 100

120 14.0 9.4 14.2

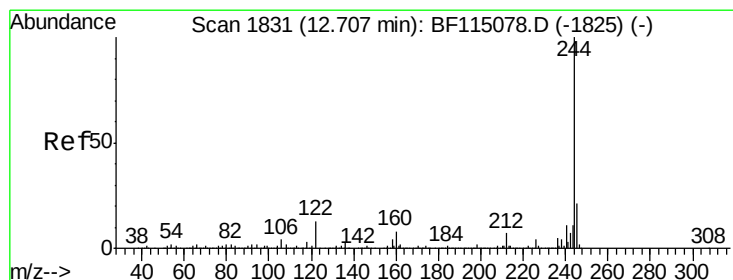
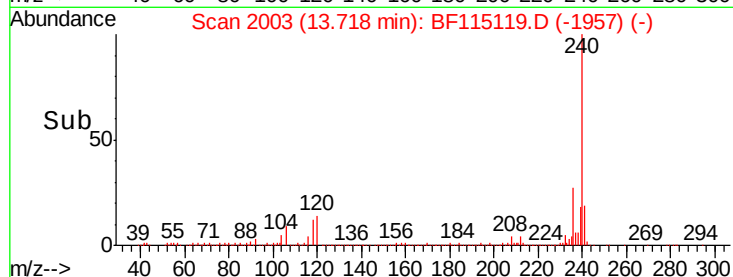
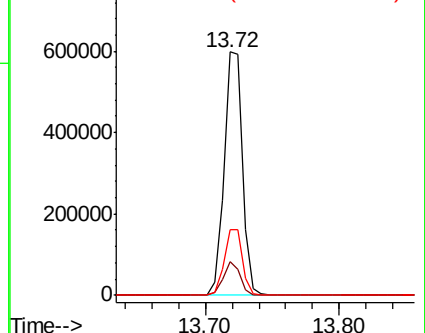
236 26.9 21.7 32.5



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



#79

Terphenyl-d14

Concen: 67.826 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115119.D

Acq: 22 Jun 2019 14:37

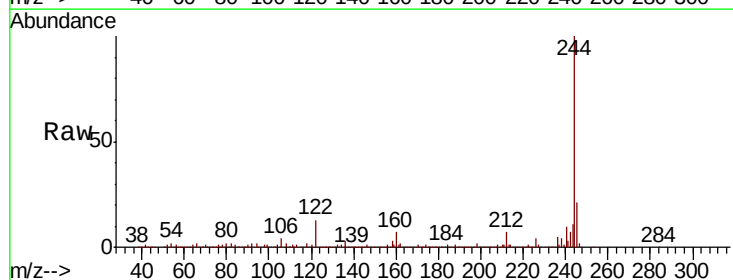
Tgt Ion:244 Resp: 1858382

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

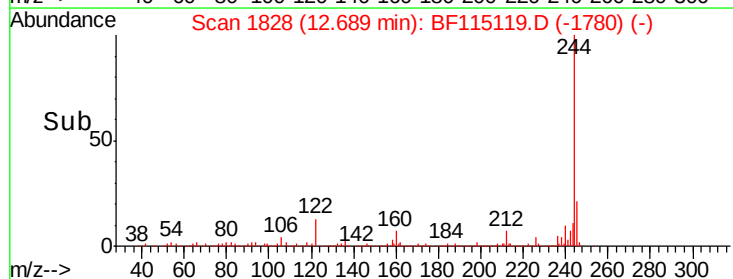
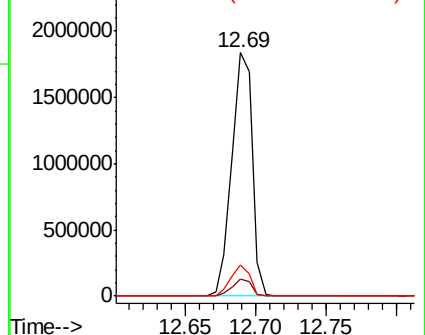
122 13.0 10.4 15.6

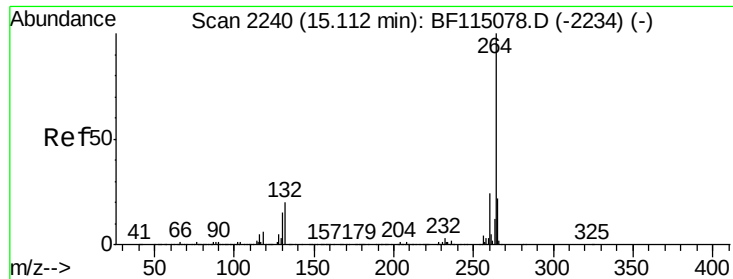


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115119.D
Acq: 22 Jun 2019 14:37

Instrument :
BNA_F
ClientSampleId :
GWMH-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.4	17.3	25.9

