

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115188.D
 Acq On : 25 Jun 2019 15:34
 Operator : HP/JU
 Sample : PB120785TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120785TB

Quant Time: Jun 26 05:45:37 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

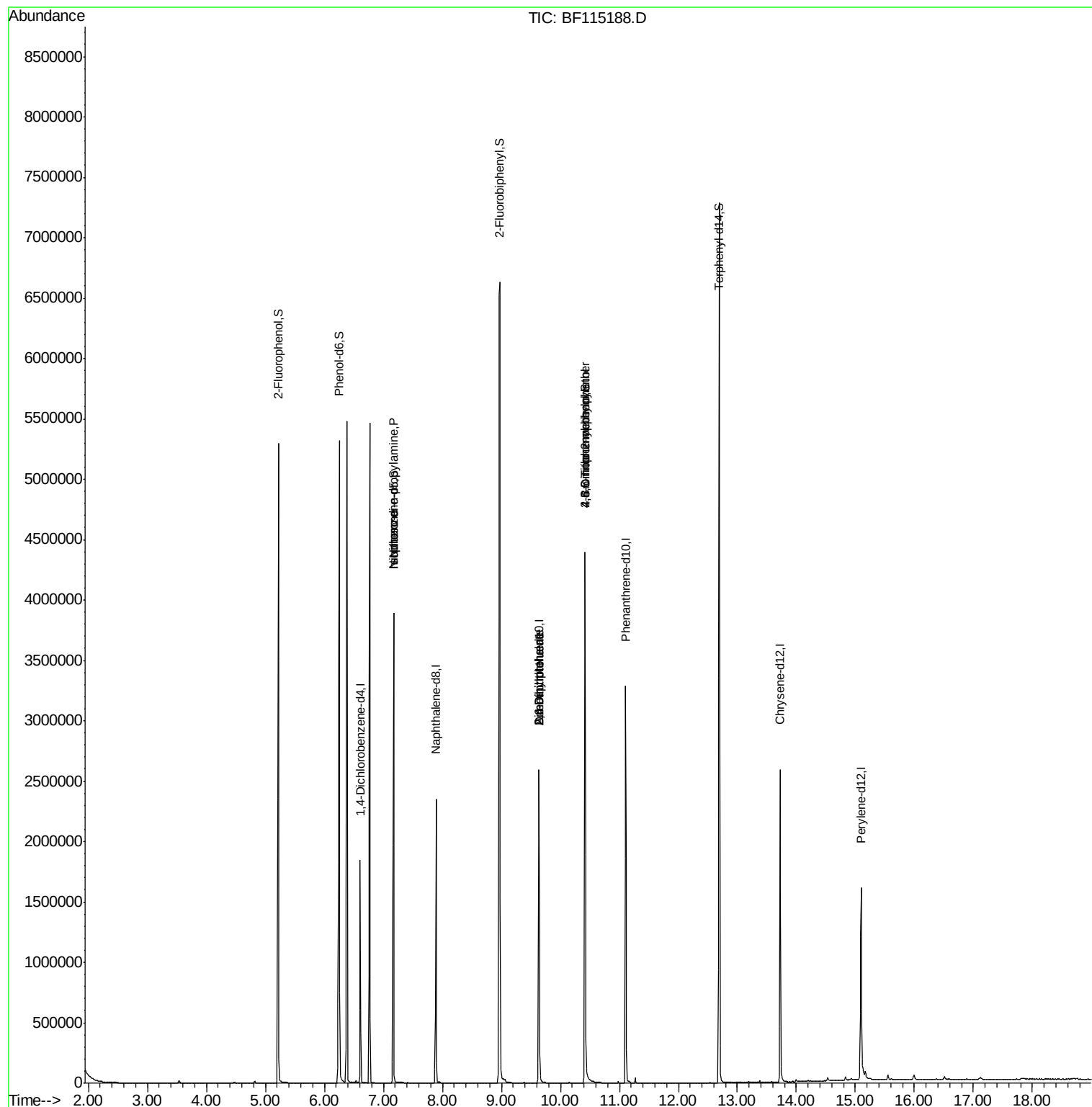
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	288704	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1113142	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	567582	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1128991	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	877320	20.00	ng	-0.02
87) Perylene-d12	15.09	264	857683	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1816587	97.10	ng	0.01
7) Phenol-d6	6.25	99	2228920	98.16	ng	0.00
23) Nitrobenzene-d5	7.17	82	1378364	76.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	639009	106.76	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2642341	79.08	ng	-0.01
79) Terphenyl-d14	12.69	244	2945277	71.38	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	183321	12.610	ng	# 77
25) Isophorone	7.17	82	1347078	36.340	ng	# 63
50) Dimethylphthalate	9.64	163	150596	3.606	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	72692	7.540	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	72683	5.839	ng	# 30
58) Fluorene	10.42	166	27206	Below Cal		# 86
65) 4,6-Dinitro-2-methylphenol	10.42	198	1292	5.153	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	39728	3.246	ng	# 1

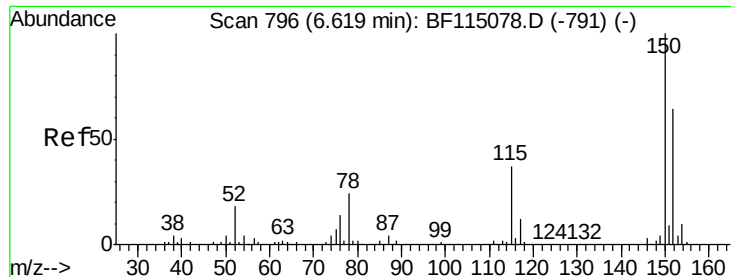
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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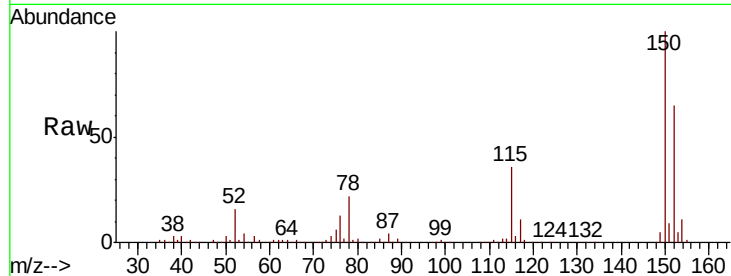


#1

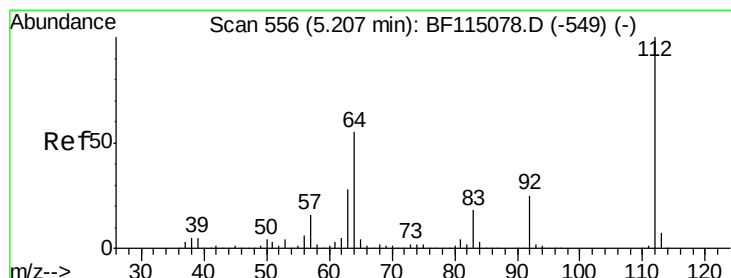
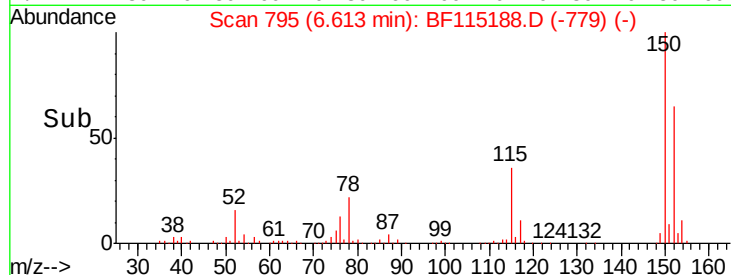
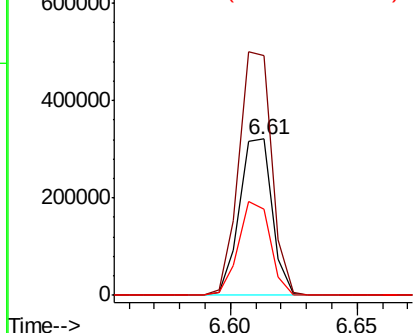
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115188.D
Acq: 25 Jun 2019 15:34

Instrument :
BNA_F
ClientSampleId :
PB120785TB

Tgt Ion:152 Resp: 288704
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.2
115 55.4 46.1 69.1



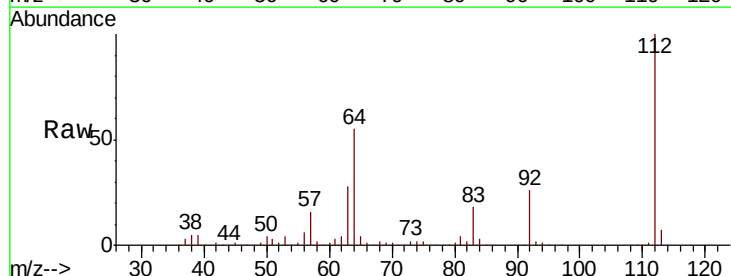
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



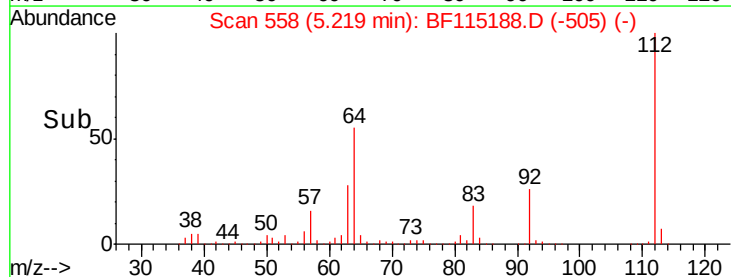
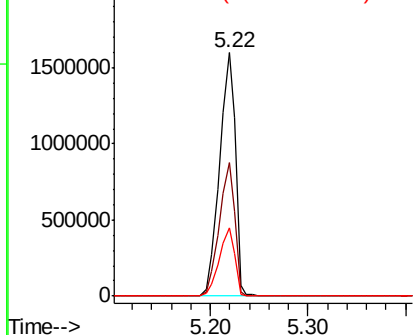
#5

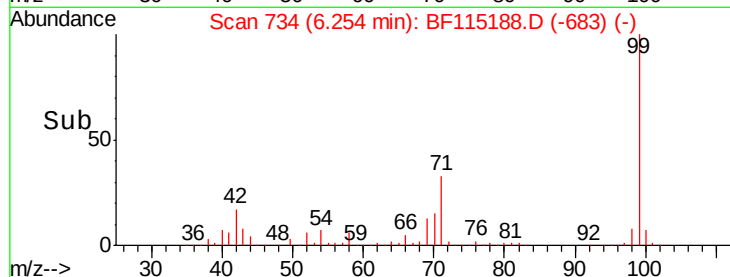
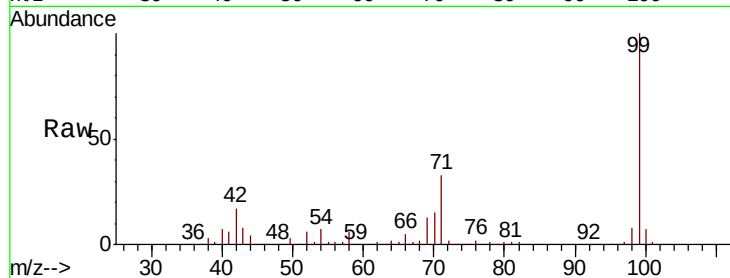
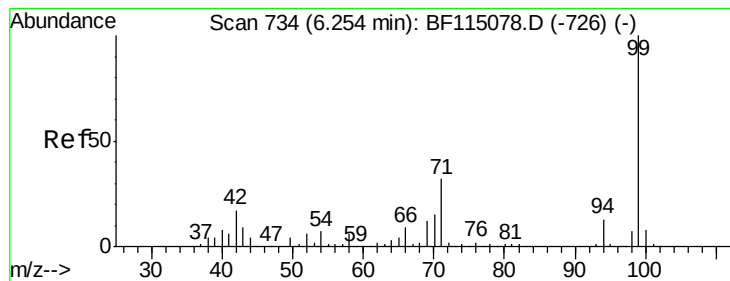
2-Fluorophenol
Concen: 97.099 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115188.D
Acq: 25 Jun 2019 15:34

Tgt Ion:112 Resp: 1816587
Ion Ratio Lower Upper
112 100
64 54.8 43.8 65.6
63 28.2 22.2 33.4



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: 98.158 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB120785TB

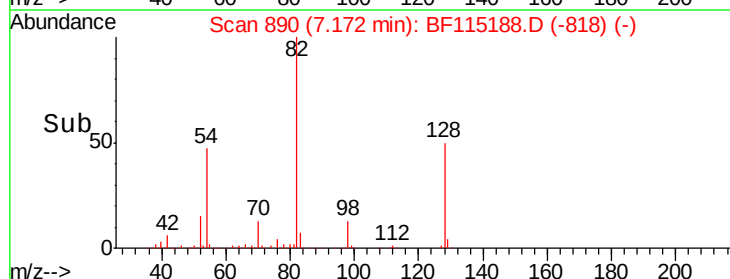
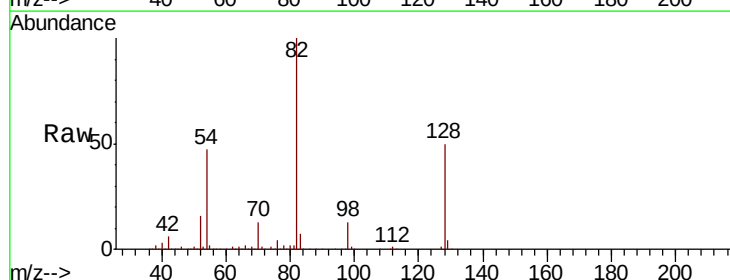
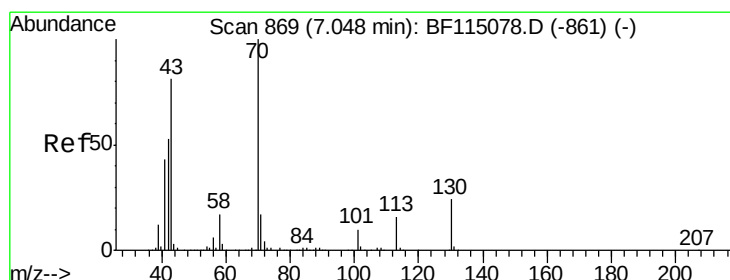
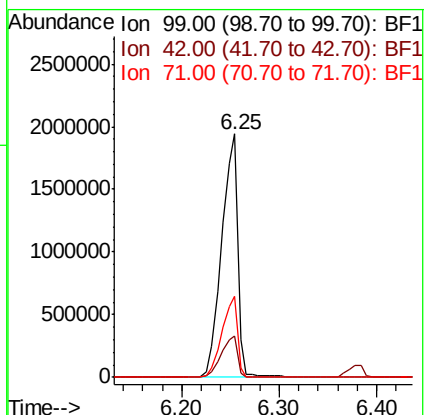
Tgt Ion: 99 Resp: 2228920

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

71 33.1 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.610 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

Tgt Ion: 70 Resp: 183321

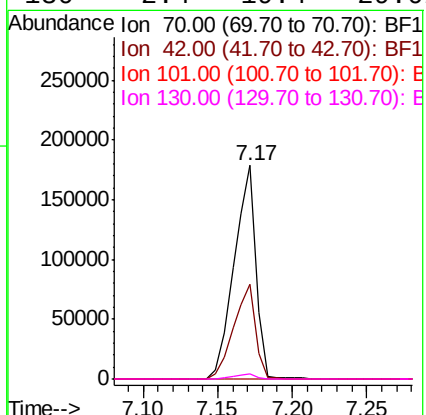
Ion Ratio Lower Upper

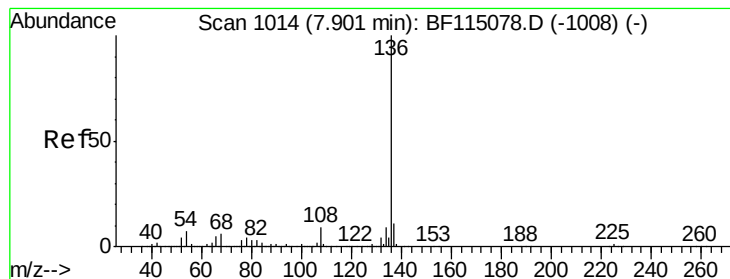
70 100

42 44.4 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB120785TB

Tgt Ion:136 Resp: 1113142

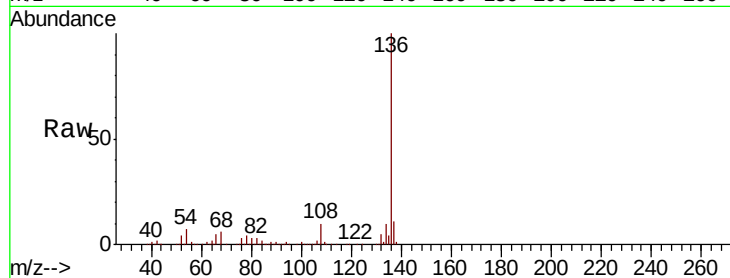
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.0 5.6 8.4

68 6.0 4.8 7.2

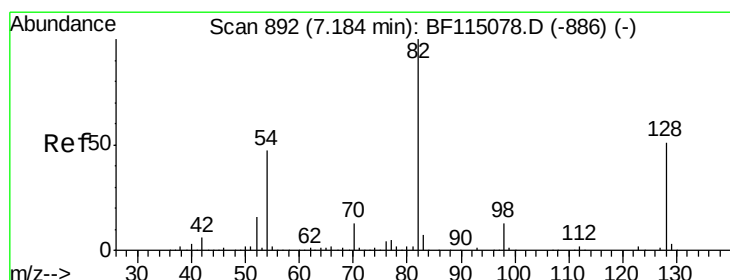
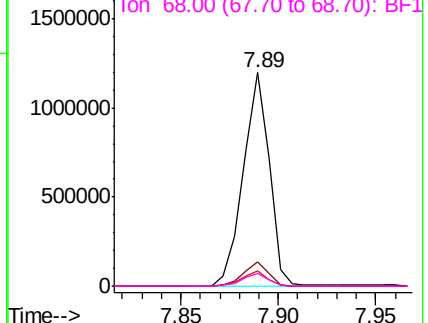
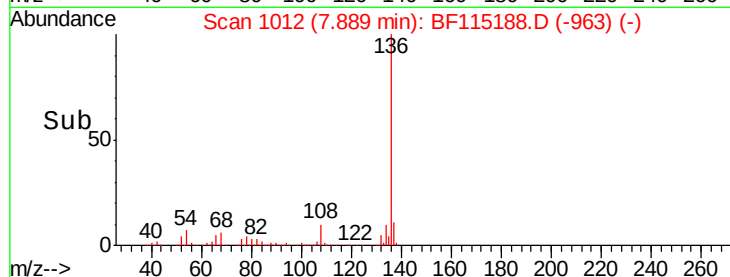


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.172 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

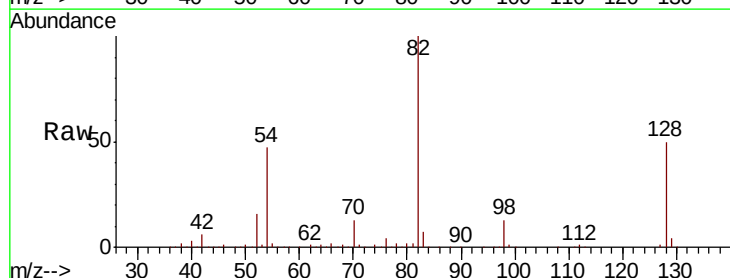
Tgt Ion: 82 Resp: 1378364

Ion Ratio Lower Upper

82 100

128 50.5 40.4 60.6

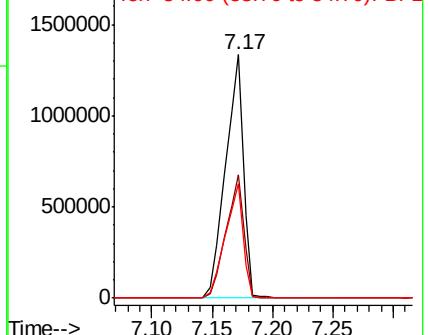
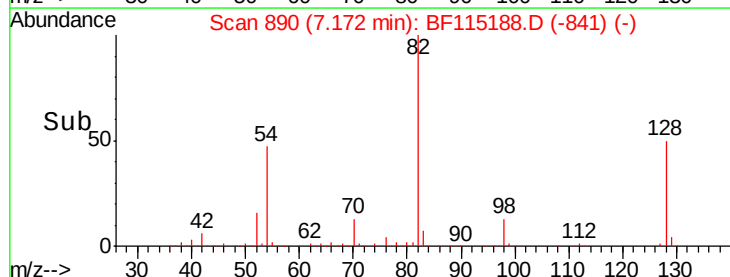
54 46.8 37.5 56.3

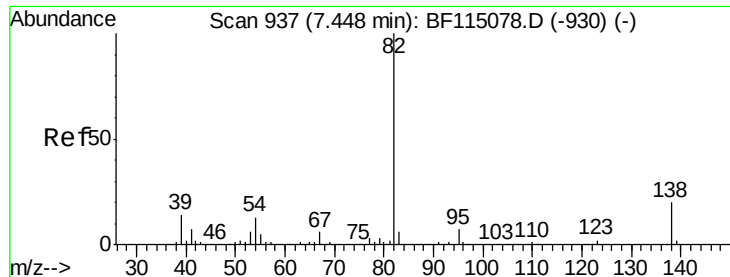


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.340 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

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PB120785TB

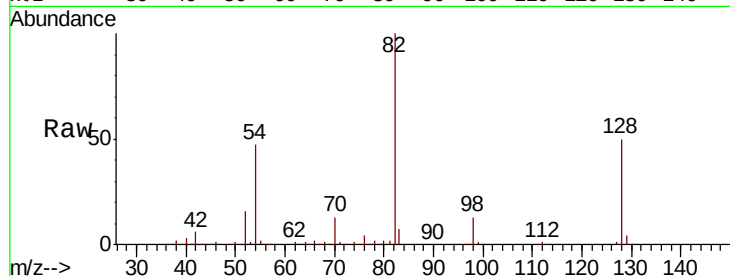
Tgt Ion: 82 Resp: 1347078

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

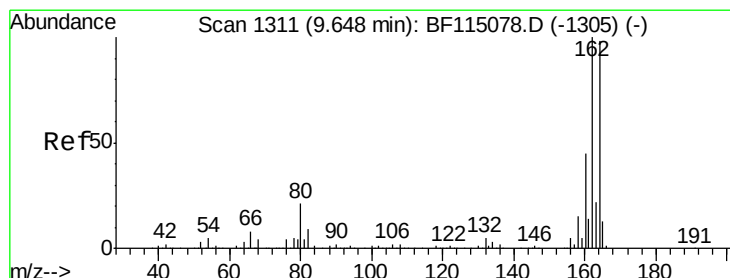
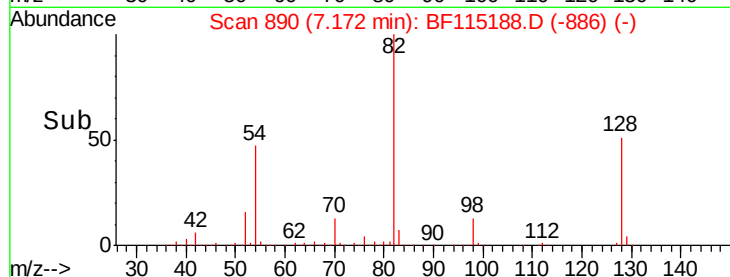
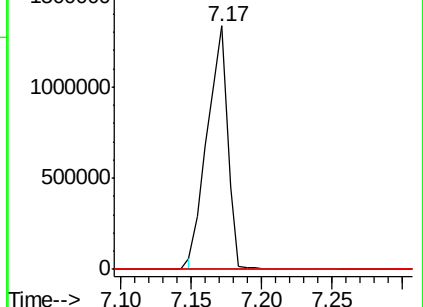
138 0.0 15.9 23.9#



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: BF115188.D

Acq: 25 Jun 2019 15:34

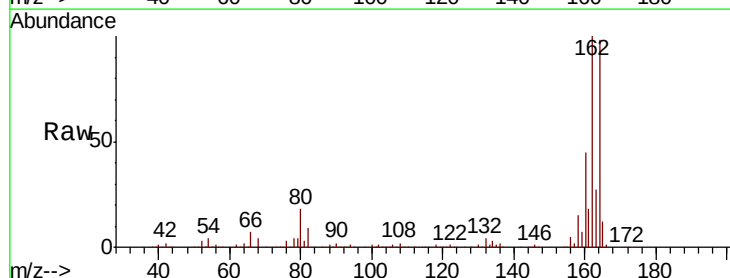
Tgt Ion: 164 Resp: 567582

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

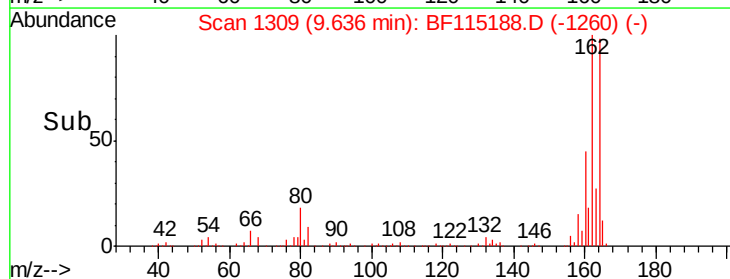
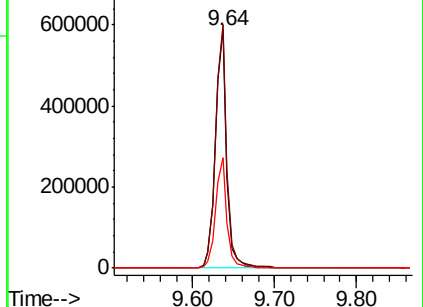
160 46.2 37.0 55.4

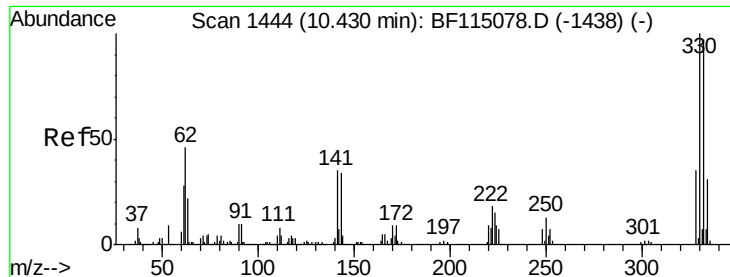


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

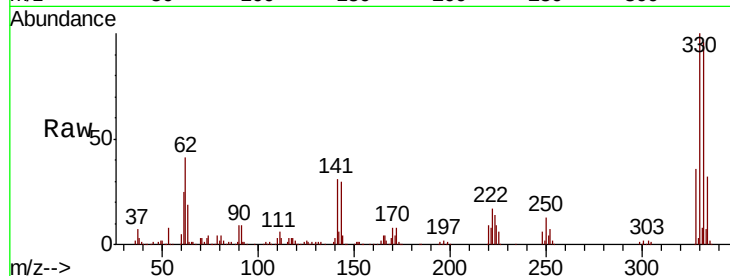




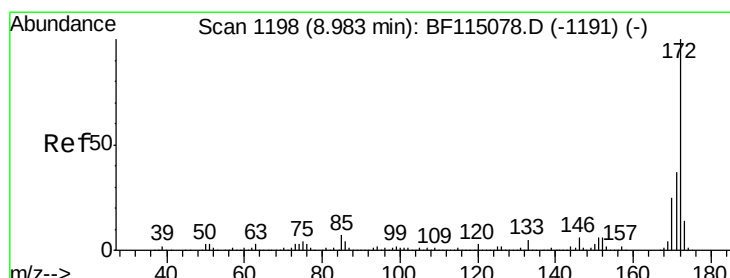
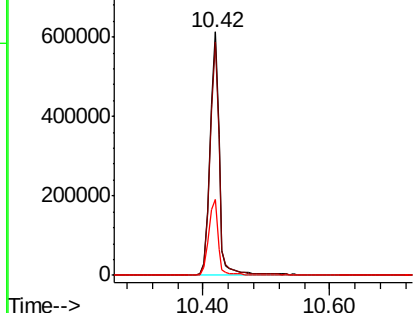
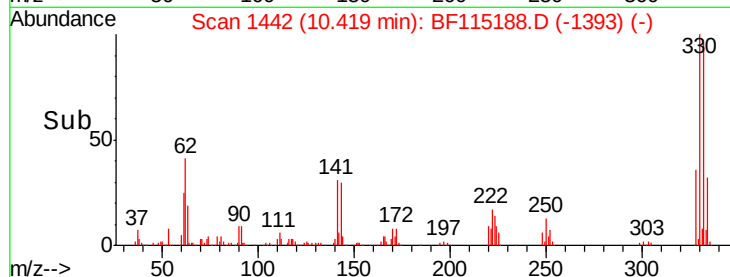
#42
 2,4,6-Tribromophenol
 Concen: 106.762 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115188.D
 Acq: 25 Jun 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120785TB

Tgt Ion:330 Resp: 639009
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 32.7 28.2 42.2

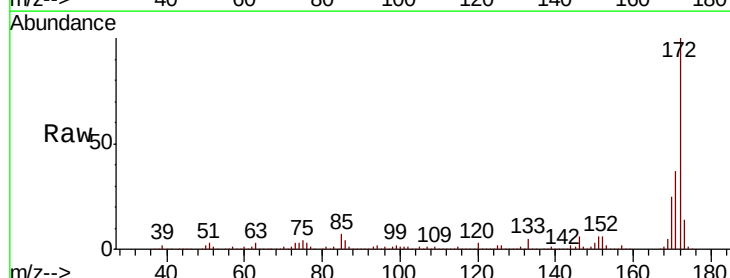


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

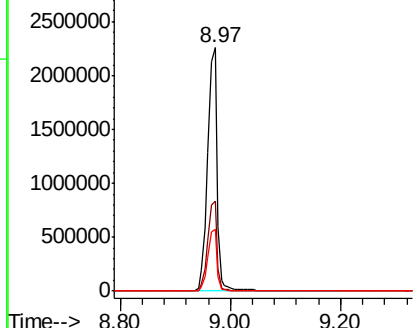
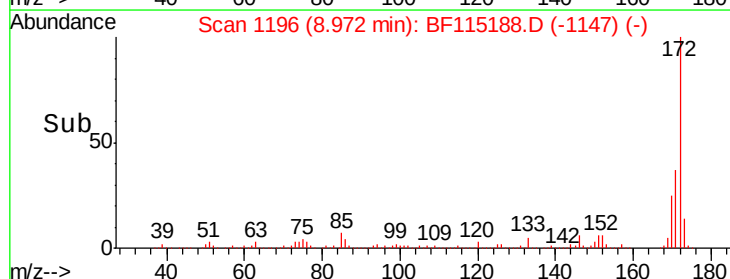


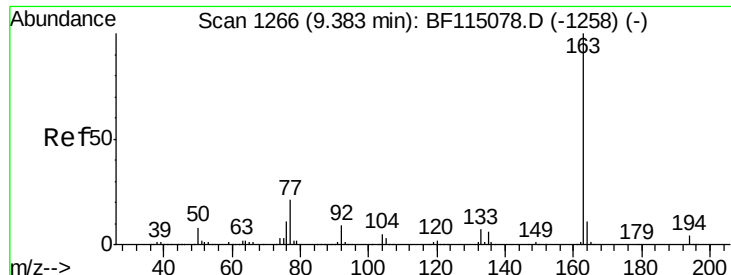
#45
 2-Fluorobiphenyl
 Concen: 79.078 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115188.D
 Acq: 25 Jun 2019 15:34

Tgt Ion:172 Resp: 2642341
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.4 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

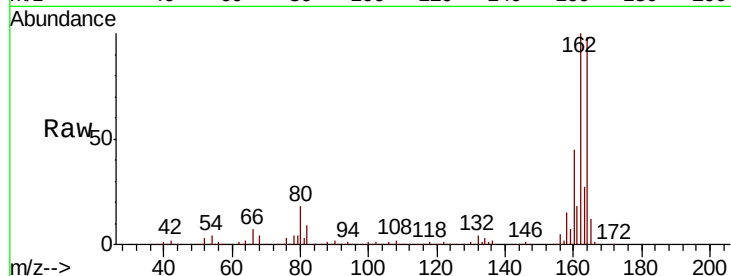




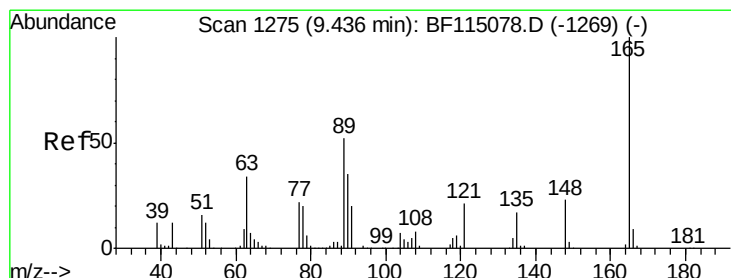
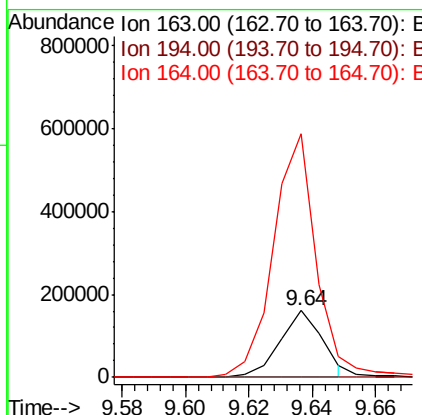
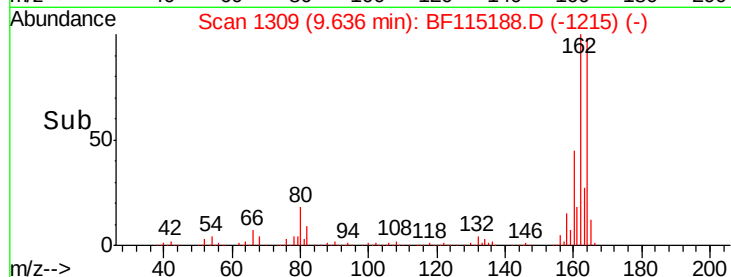
#50
Dimethylphthalate
Concen: 3.606 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.25 min
Lab File: BF115188.D
Acq: 25 Jun 2019 15:34

Instrument :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	365.5	8.6	13.0#

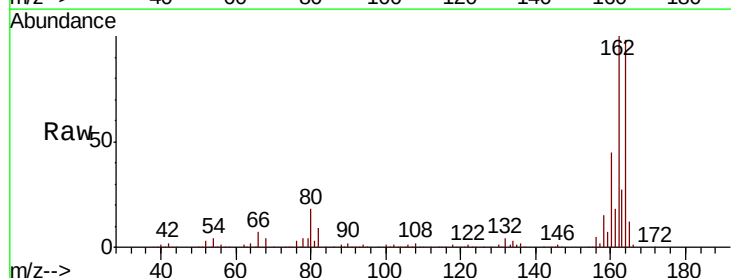


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

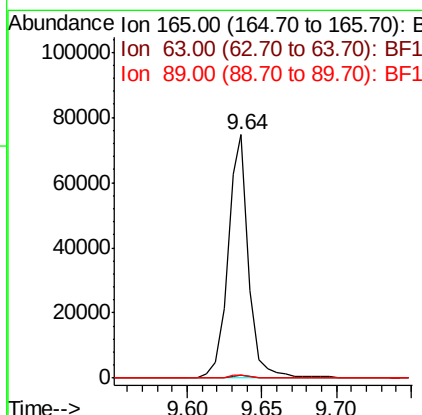
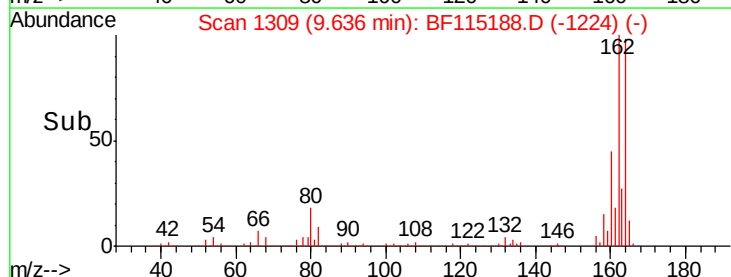


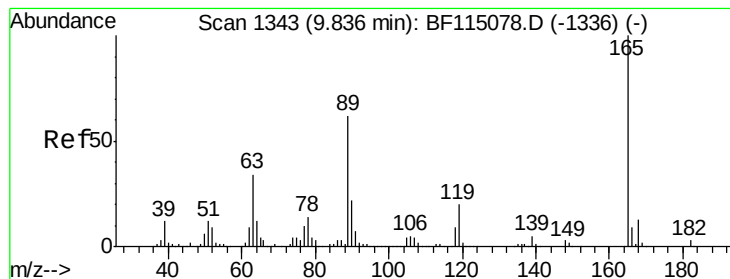
#51
2,6-Dinitrotoluene
Concen: 7.540 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115188.D
Acq: 25 Jun 2019 15:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.4	59.2#
89	1.2	42.0	63.0#



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: 5.839 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB120785TB

Tgt Ion:165 Resp: 72683

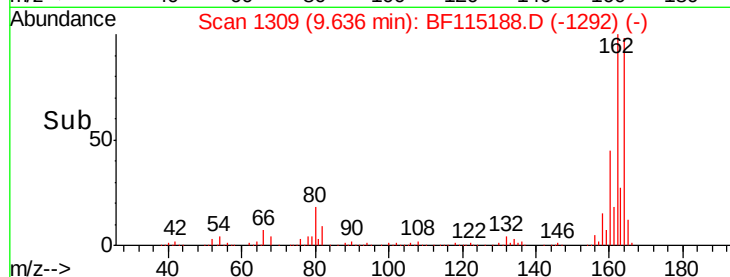
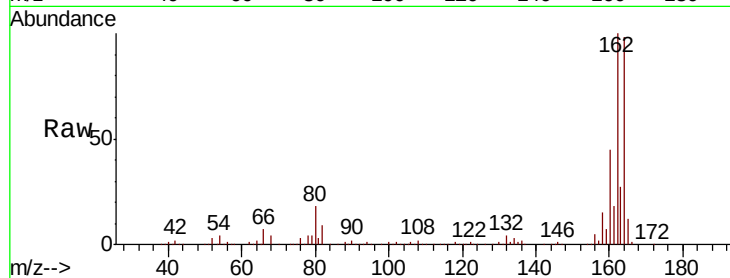
Ion Ratio Lower Upper

165 100

63 1.0 27.5 41.3#

89 1.2 49.9 74.9#

182 0.0 2.1 3.1#

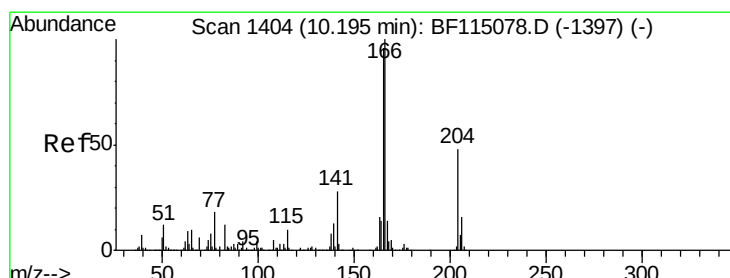
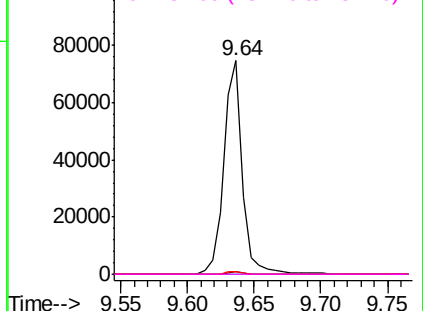


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.42 min Scan# 1442

Delta R.T. 0.22 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

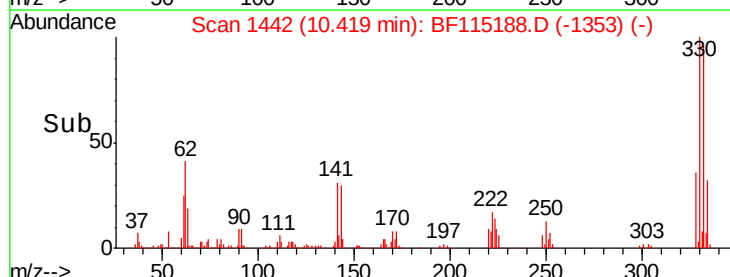
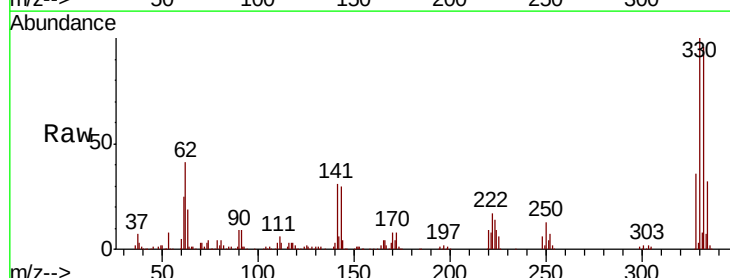
Tgt Ion:166 Resp: 27206

Ion Ratio Lower Upper

166 100

165 102.9 76.5 114.7

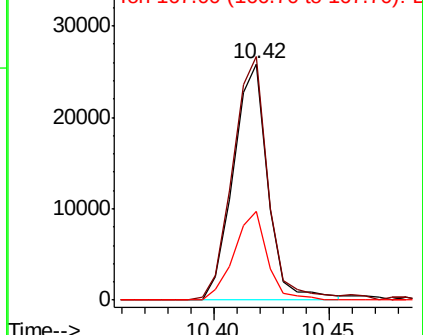
167 37.3 11.0 16.4#

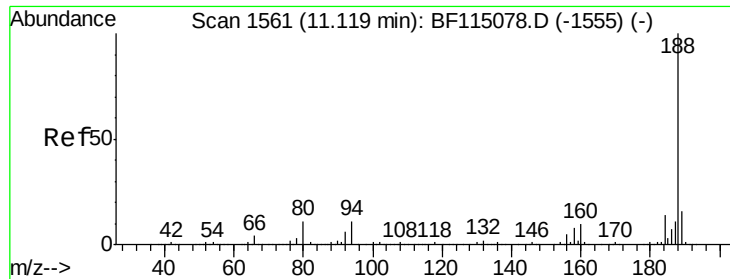


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF115188.D

Acq: 25 Jun 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB120785TB

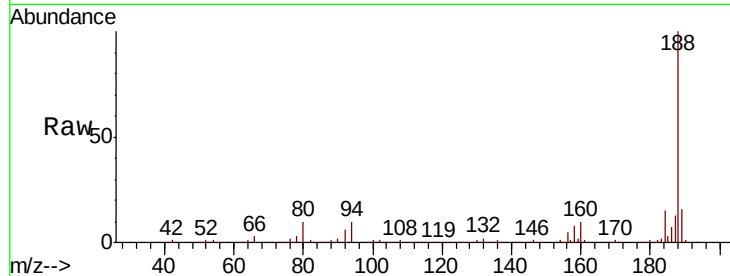
Tgt Ion:188 Resp: 1128991

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

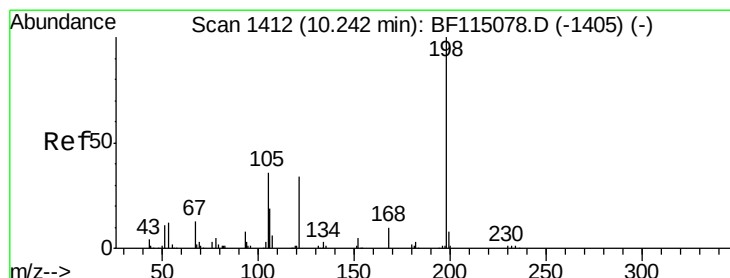
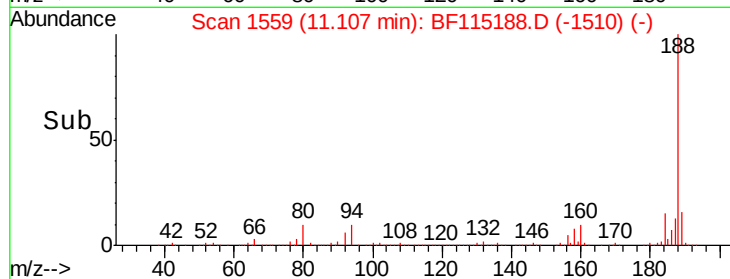
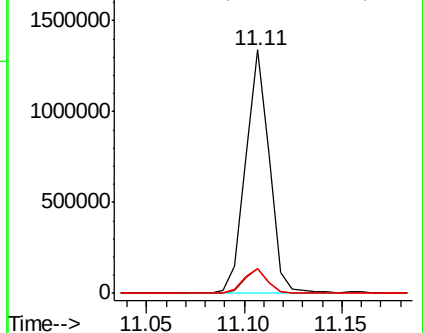
80 10.2 8.8 13.2



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: 5.153 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.18 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

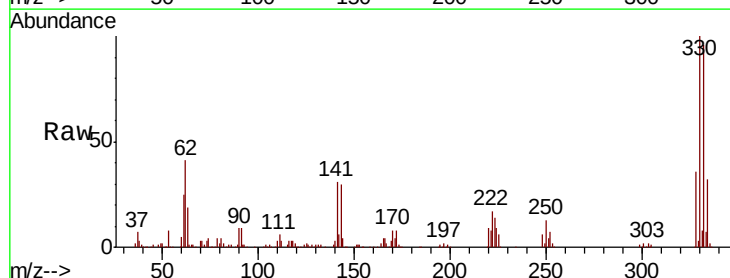
Tgt Ion:198 Resp: 1292

Ion Ratio Lower Upper

198 100

51 137.1 11.0 51.0#

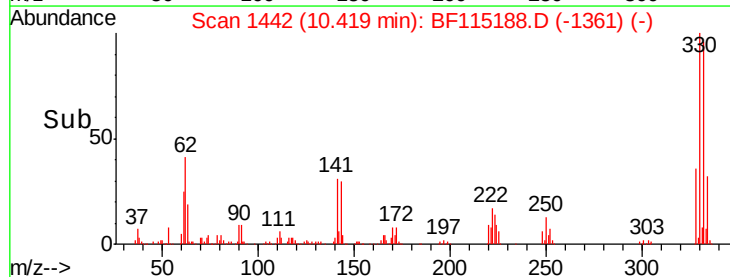
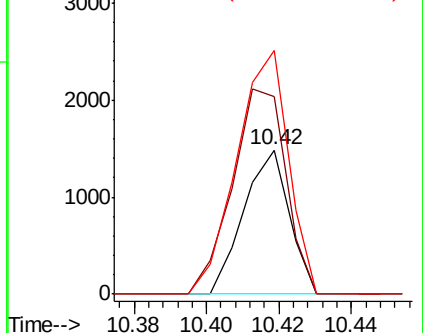
105 169.4 17.3 57.3#

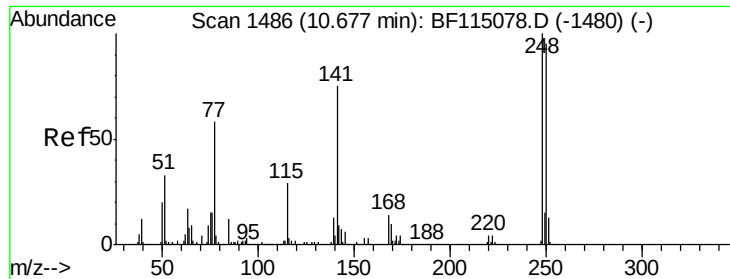


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

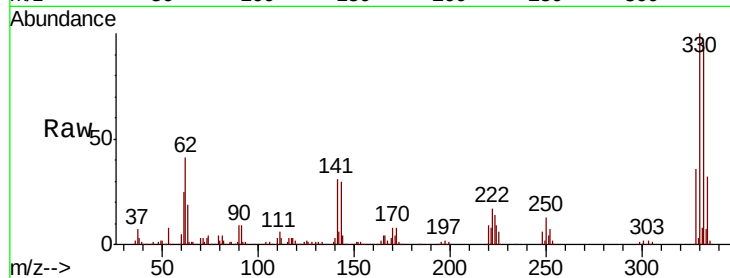




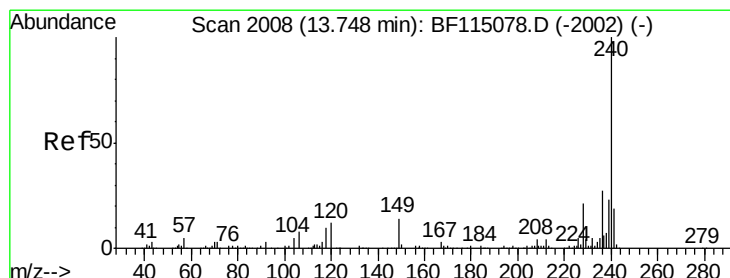
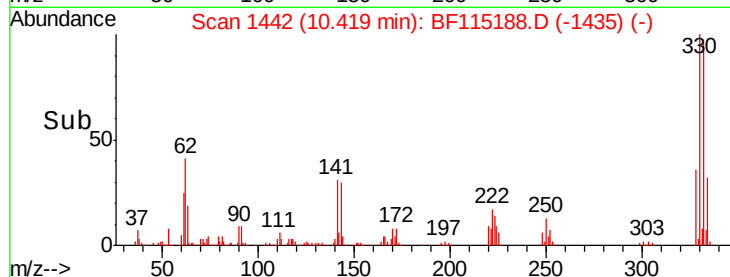
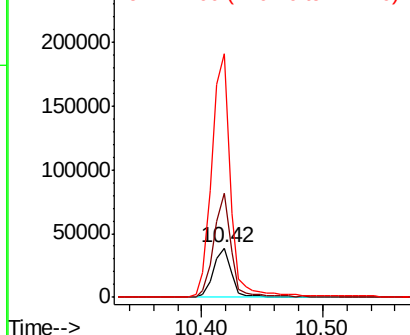
#67
 4-Bromophenyl-phenylether
 Concen: 3.246 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.26 min
 Lab File: BF115188.D
 Acq: 25 Jun 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120785TB

Tgt Ion:248 Resp: 39728
 Ion Ratio Lower Upper
 248 100
 250 212.2 76.2 114.2#
 141 494.8 59.6 89.4#

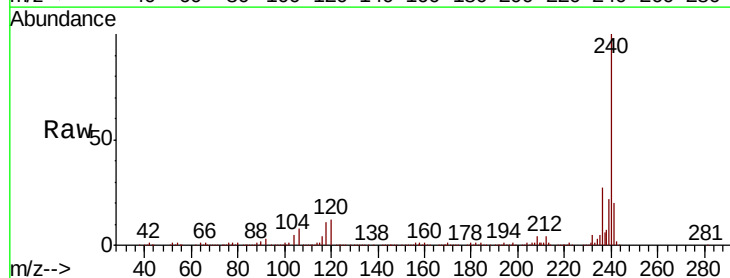


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

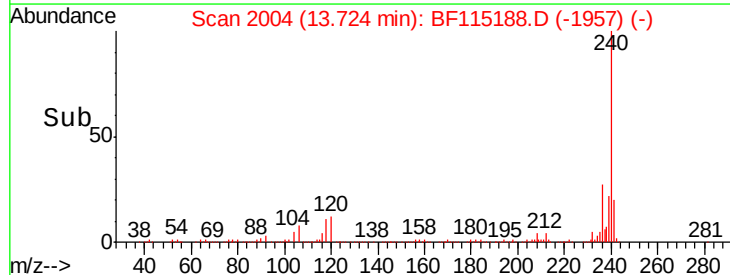
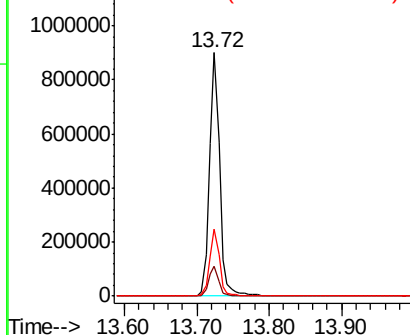


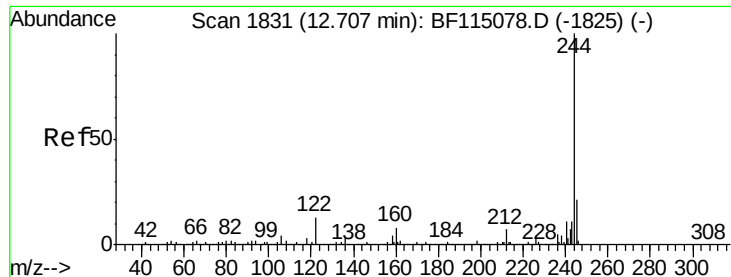
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115188.D
 Acq: 25 Jun 2019 15:34

Tgt Ion:240 Resp: 877320
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.4 14.2
 236 27.3 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: 71.378 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB120785TB

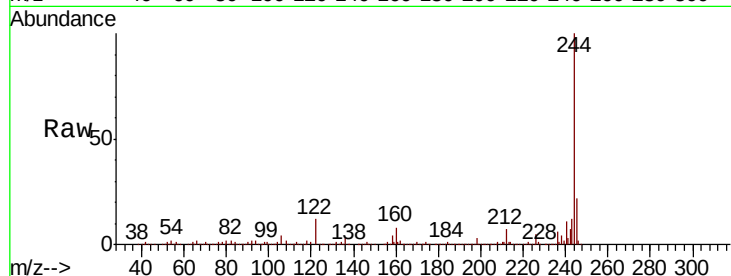
Tgt Ion:244 Resp: 2945277

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

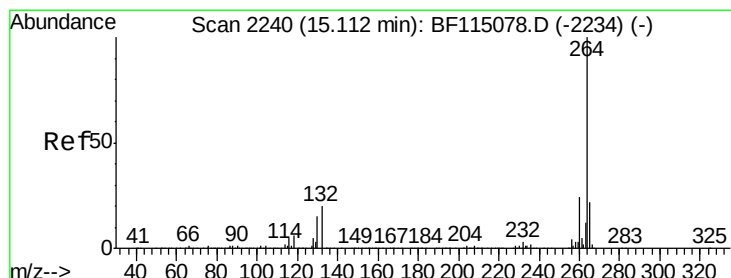
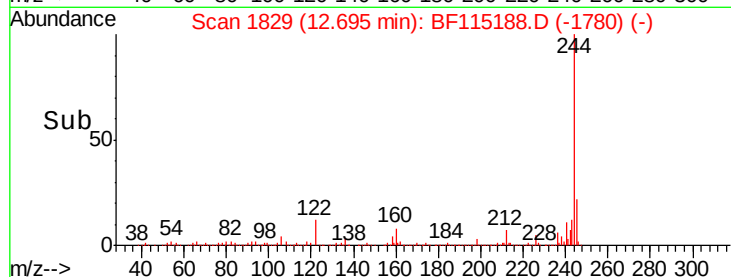
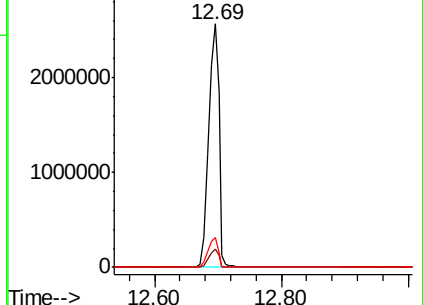
122 12.4 10.4 15.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

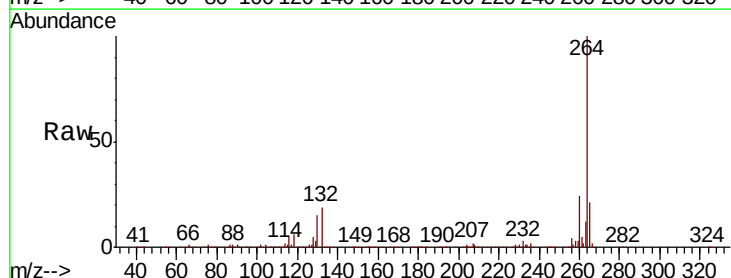
Tgt Ion:264 Resp: 857683

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.5 17.3 25.9



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

