

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115159.D
 Acq On : 24 Jun 2019 20:48
 Operator : HP/JU
 Sample : K3447-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-4

Quant Time: Jun 25 07:42:09 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

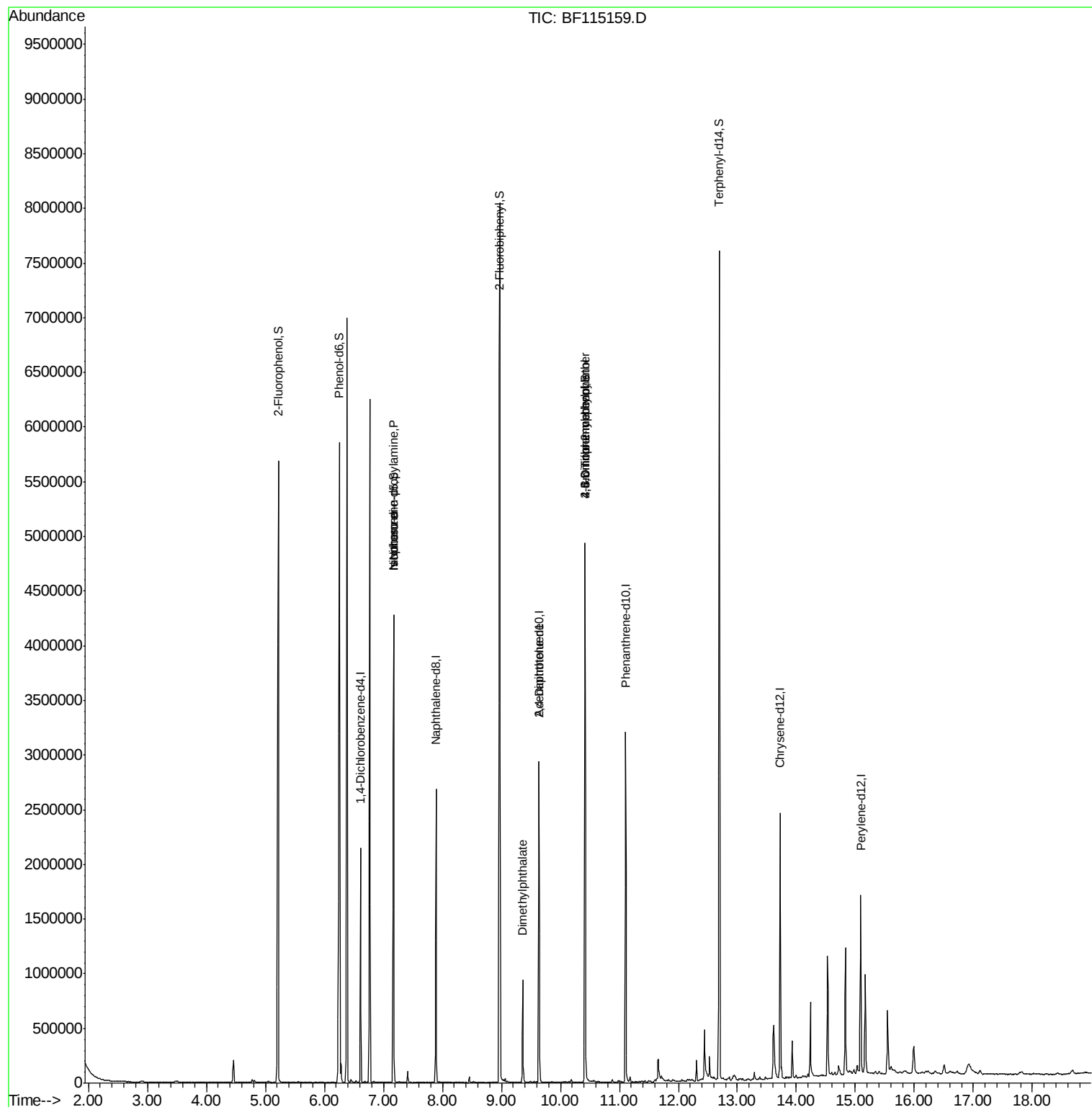
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	300431	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1112613	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	552262	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1088964	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	759275	20.00	ng	-0.02
87) Perylene-d12	15.09	264	653919	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2095385	107.63	ng	0.01
7) Phenol-d6	6.25	99	2667152	112.87	ng	0.00
23) Nitrobenzene-d5	7.17	82	1626449	89.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	649860	111.59	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2688432	82.69	ng	-0.01
79) Terphenyl-d14	12.70	244	2975156	83.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	219860	14.533	ng	# 77
25) Isophorone	7.17	82	1612056	43.509	ng	# 63
50) Dimethylphthalate	9.36	163	370588	9.121	ng	99
57) 2,4-Dinitrotoluene	9.64	165	71972	5.942	ng	# 30
58) Fluorene	10.18	166	1833	Below Cal		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	1444	5.183	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	40948	3.468	ng	# 1

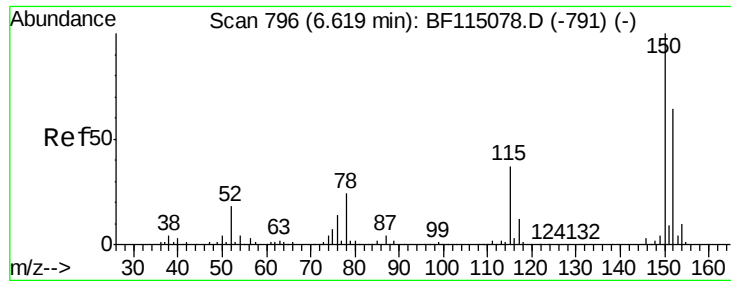
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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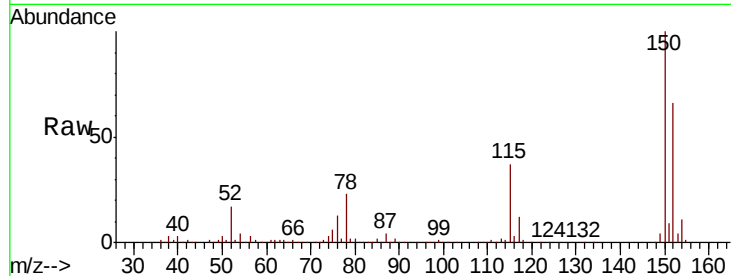


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115159.D
Acq: 24 Jun 2019 20:48

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.2	186.2
115	56.2	46.1	69.1

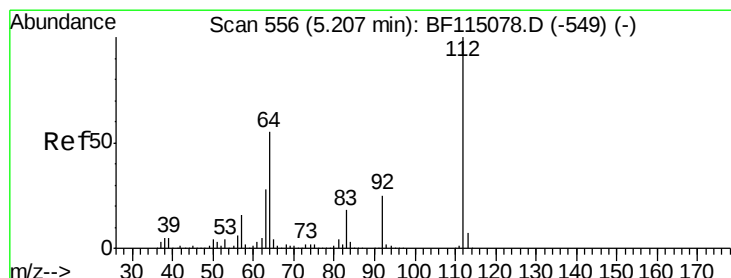
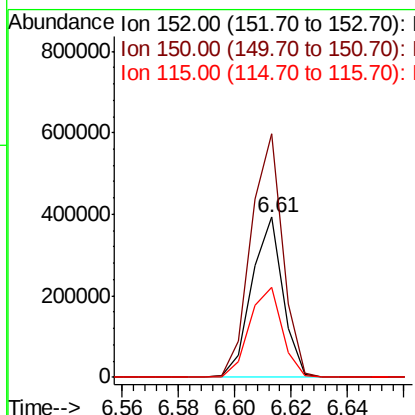
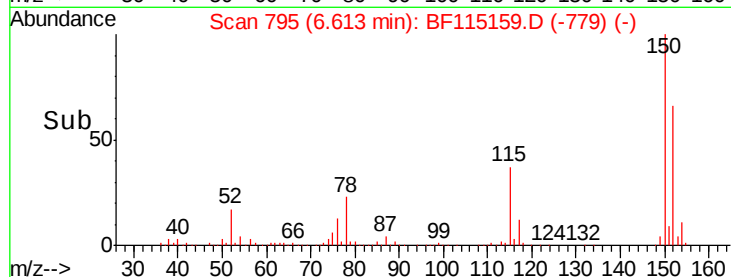


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

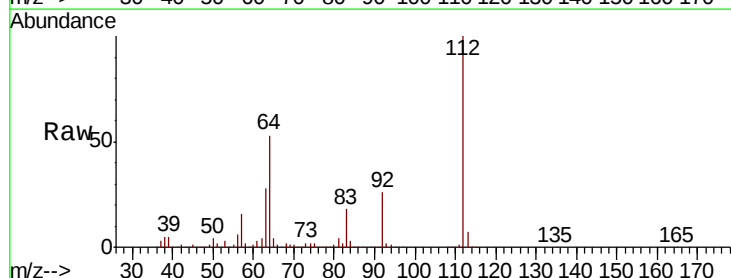
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.630 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115159.D
Acq: 24 Jun 2019 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	43.8	65.6
63	27.5	22.2	33.4

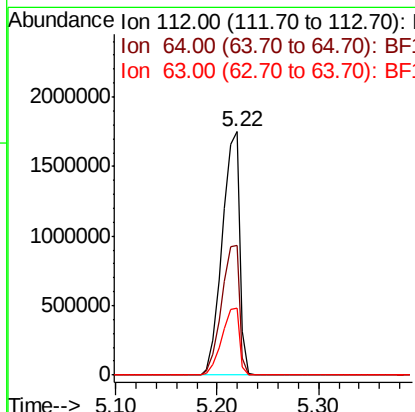
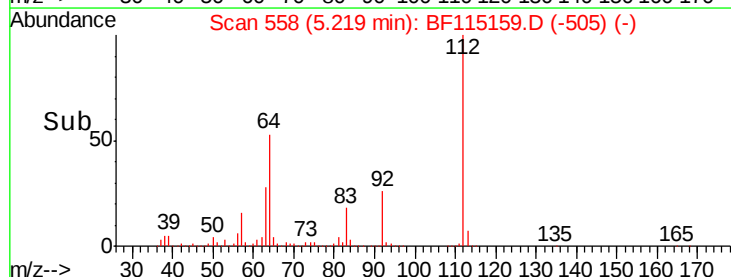


Abundance

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: 112.872 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

Instrument :

BNA_F

ClientSampled :

SIDEWALL-4

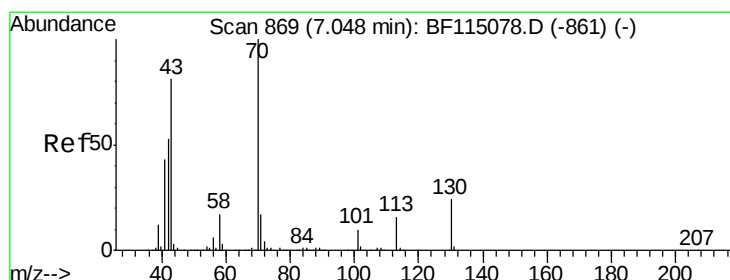
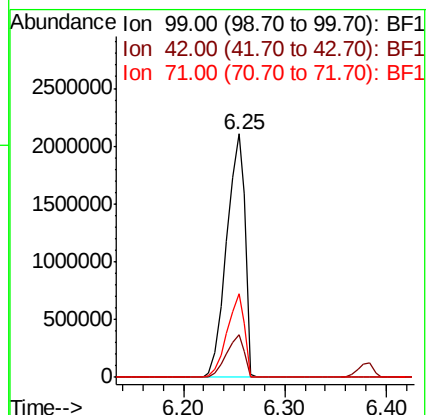
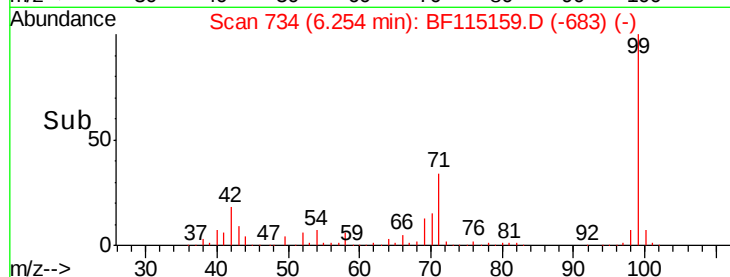
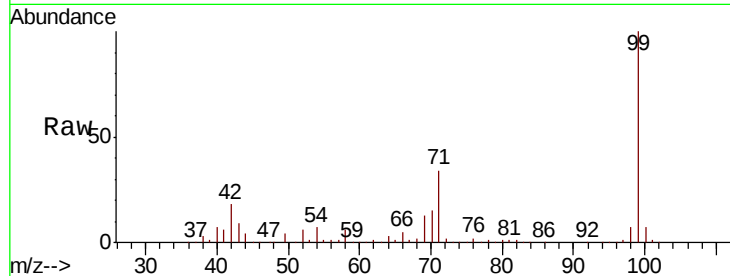
Tot Ion: 99 Resp: 2667152

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

71 34.4 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.533 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

Tgt Ion: 70 Resp: 219860

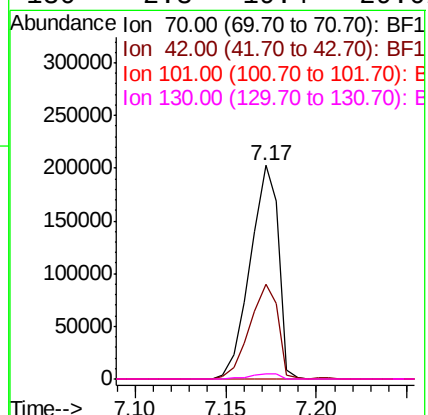
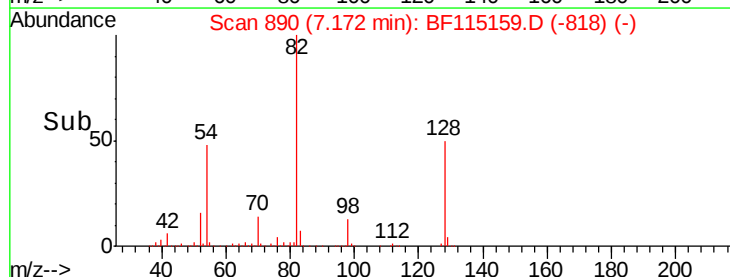
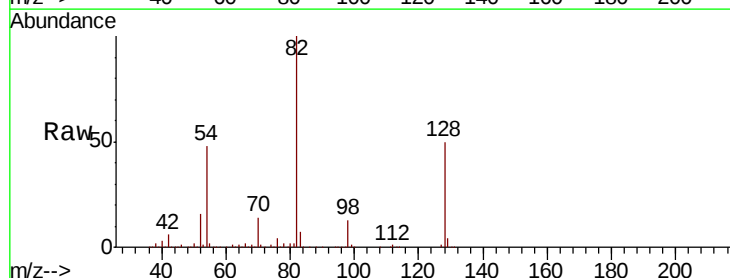
Ion Ratio Lower Upper

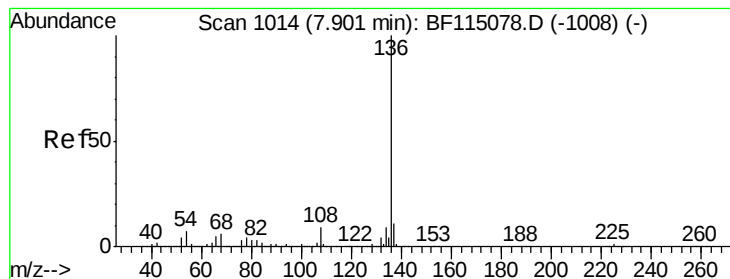
70 100

42 44.4 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 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: BF115159.D

Acq: 24 Jun 2019 20:48

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-4

Tot Ion:136 Resp: 1112613

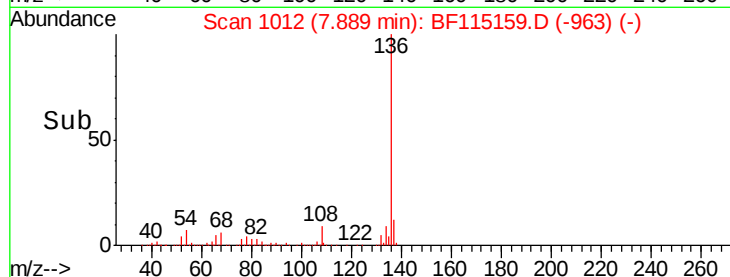
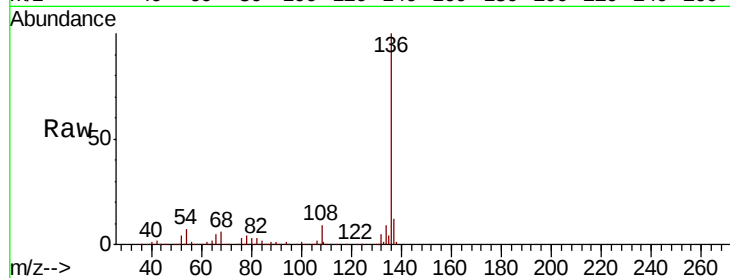
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 7.3 5.6 8.4

68 6.1 4.8 7.2

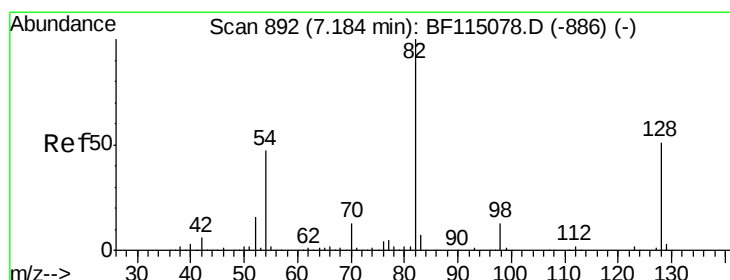
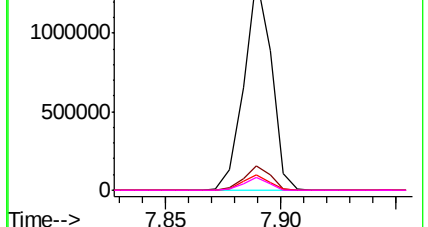


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.925 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

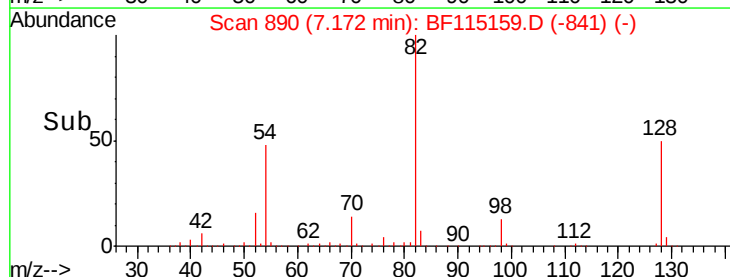
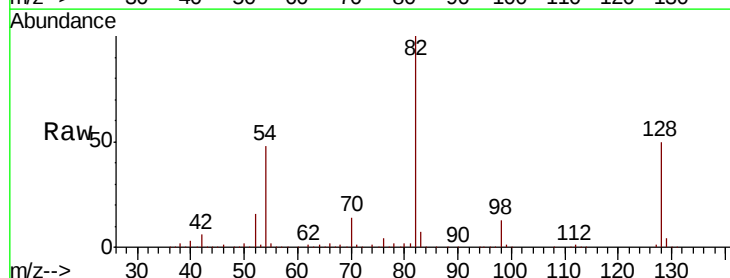
Tgt Ion: 82 Resp: 1626449

Ion Ratio Lower Upper

82 100

128 50.0 40.4 60.6

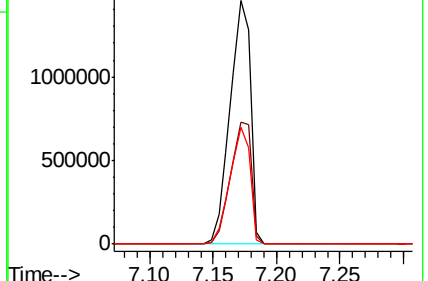
54 48.1 37.5 56.3



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: 43.509 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-4

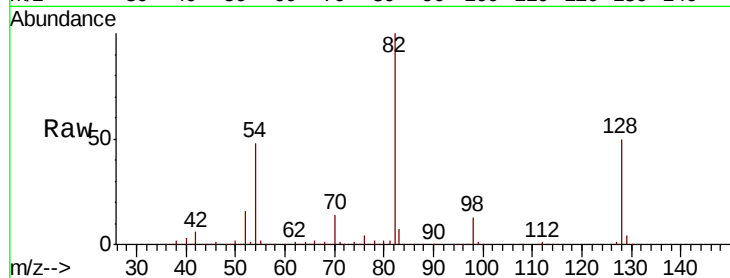
Tot Ion: 82 Resp: 1612056

Ion Ratio Lower Upper

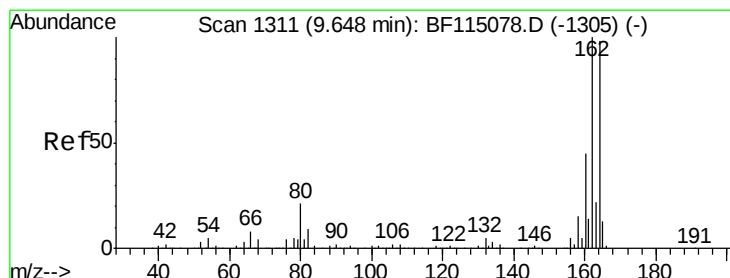
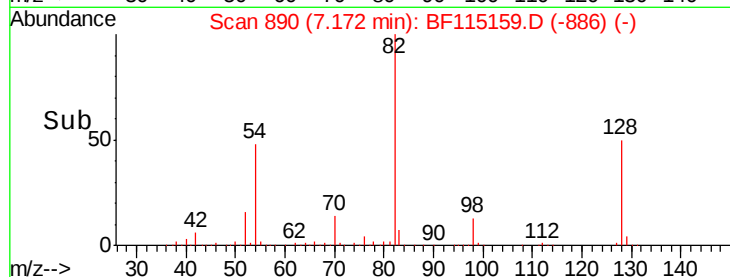
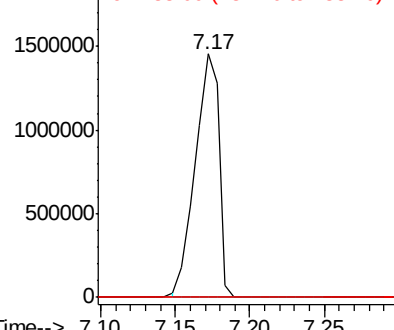
82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

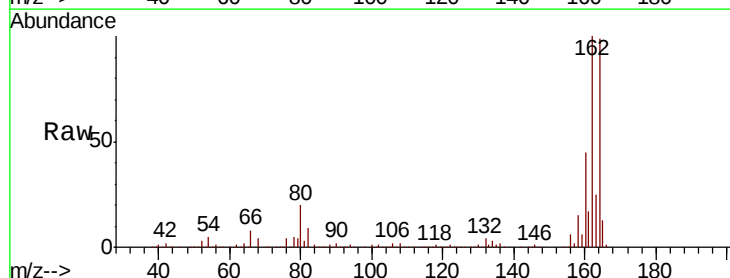
Tgt Ion:164 Resp: 552262

Ion Ratio Lower Upper

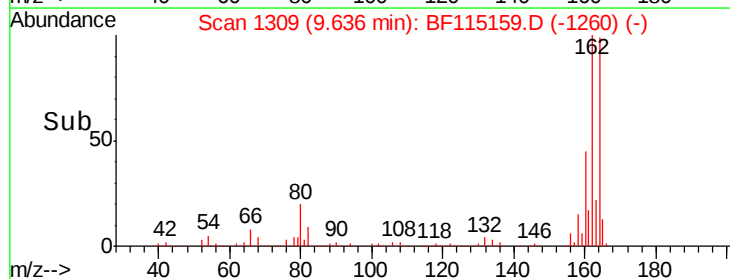
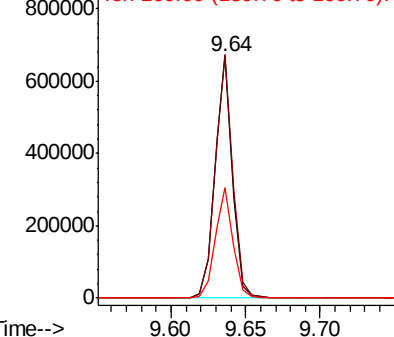
164 100

162 100.6 81.7 122.5

160 45.4 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: 111.587 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-4

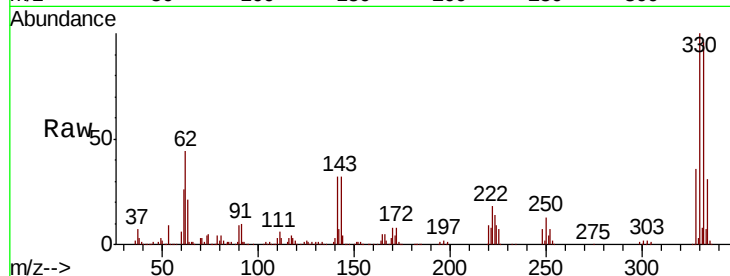
Tot Ion:330 Resp: 649860

Ion Ratio Lower Upper

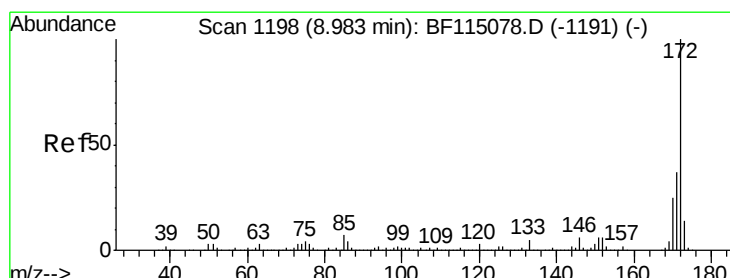
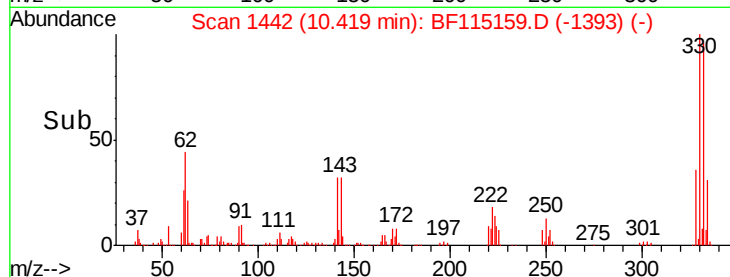
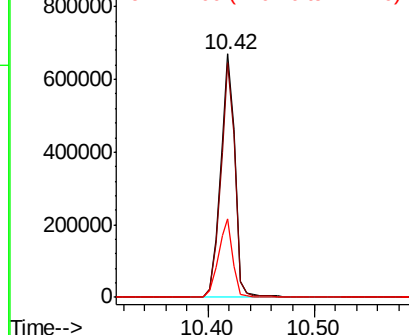
330 100

332 95.5 77.3 115.9

141 32.2 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: 82.690 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

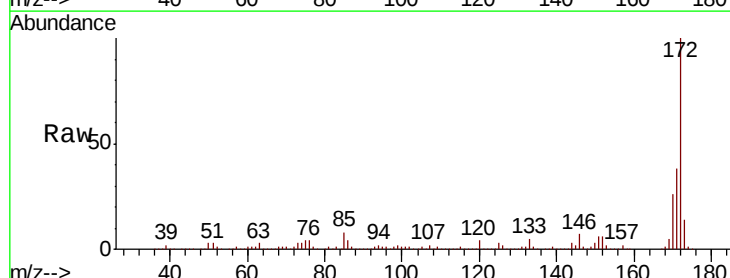
Tgt Ion:172 Resp: 2688432

Ion Ratio Lower Upper

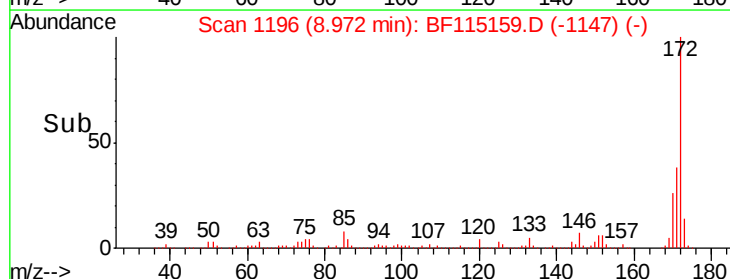
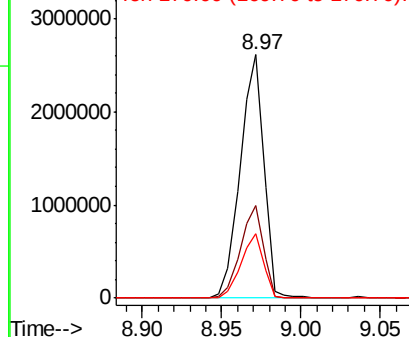
172 100

171 38.1 29.8 44.6

170 26.3 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

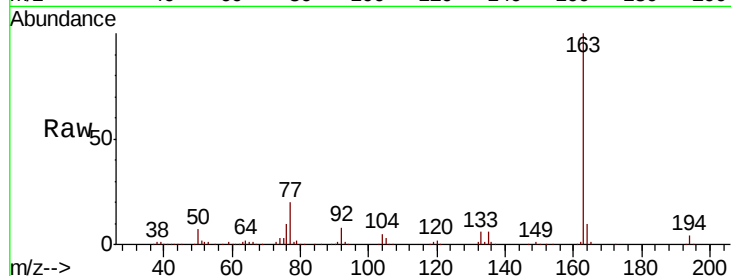




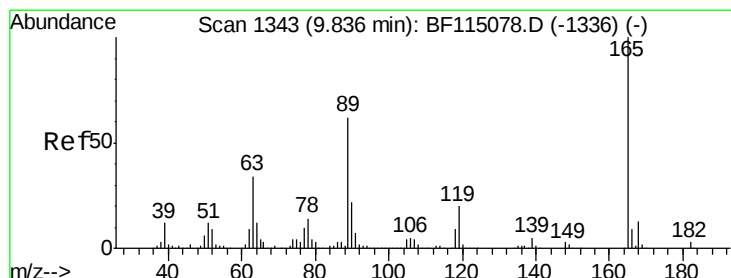
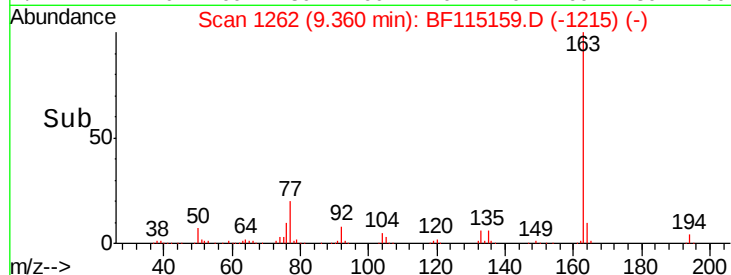
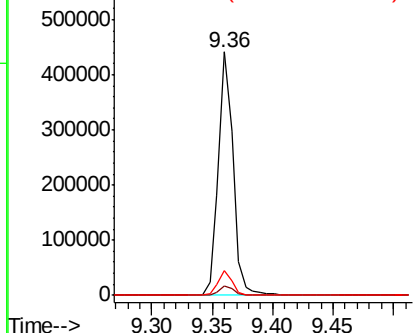
#50
Dimethylphthalate
Concen: 9.121 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115159.D
Acq: 24 Jun 2019 20:48

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-4

Tot Ion:163 Resp: 370588
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 8.6 13.0

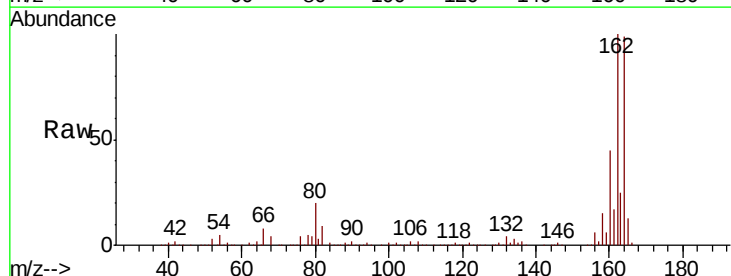


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

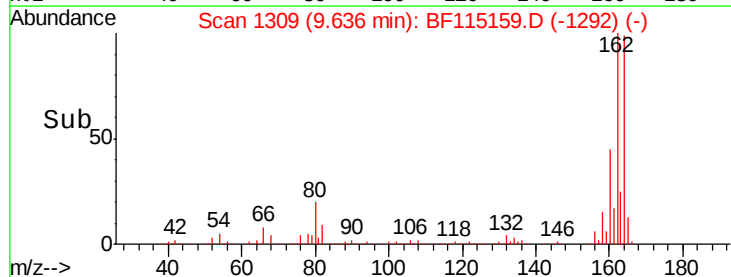
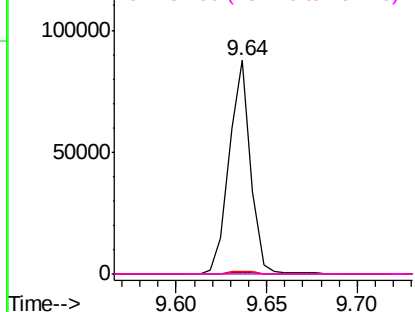


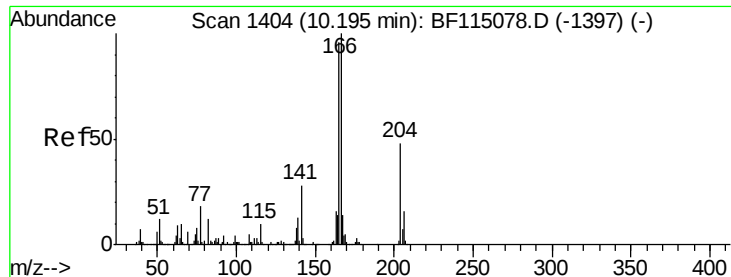
#57
2,4-Dinitrotoluene
Concen: 5.942 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115159.D
Acq: 24 Jun 2019 20:48

Tgt Ion:165 Resp: 71972
Ion Ratio Lower Upper
165 100
63 0.9 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

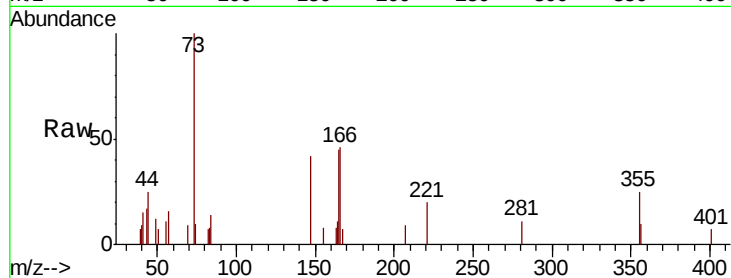




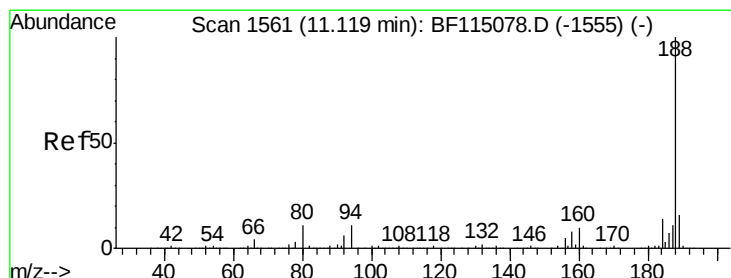
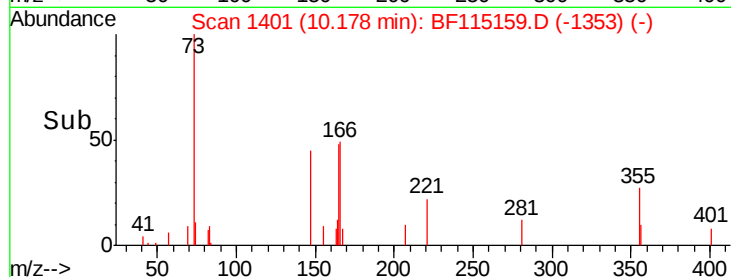
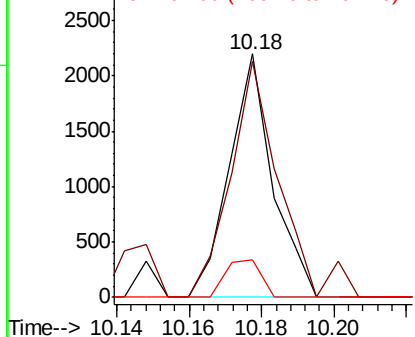
#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115159.D
 Acq: 24 Jun 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-4

Tot Ion:166 Resp: 1833
 Ion Ratio Lower Upper
 166 100
 165 97.1 76.5 114.7
 167 15.5 11.0 16.4

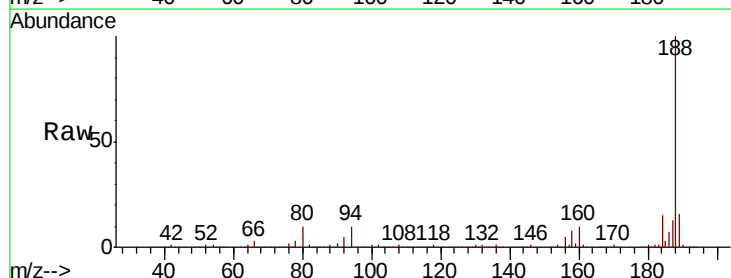


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

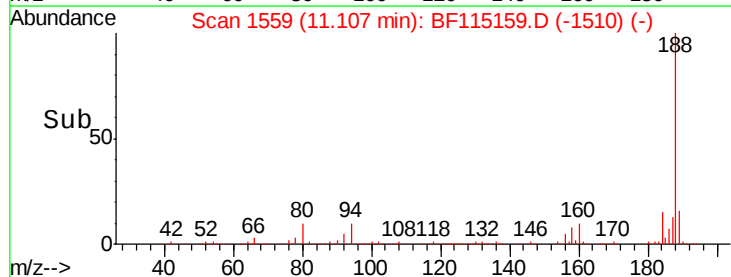
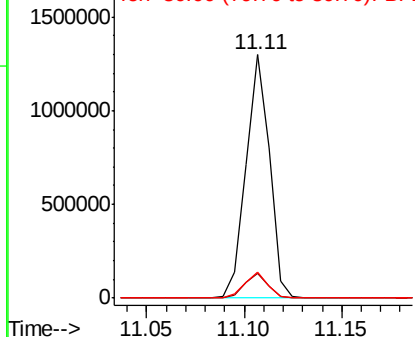


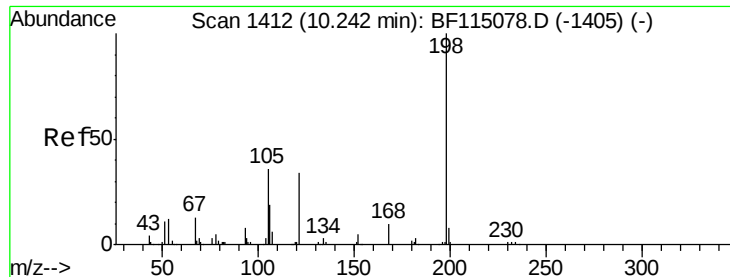
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115159.D
 Acq: 24 Jun 2019 20:48

Tgt Ion:188 Resp: 1088964
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.6 12.8
 80 10.5 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: 5.183 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.18 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-4

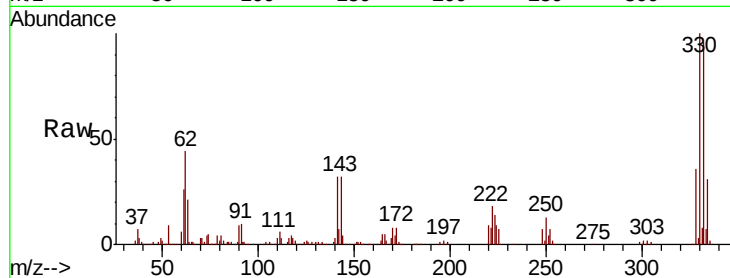
Tot Ion:198 Resp: 1444

Ion Ratio Lower Upper

198 100

51 147.2 11.0 51.0#

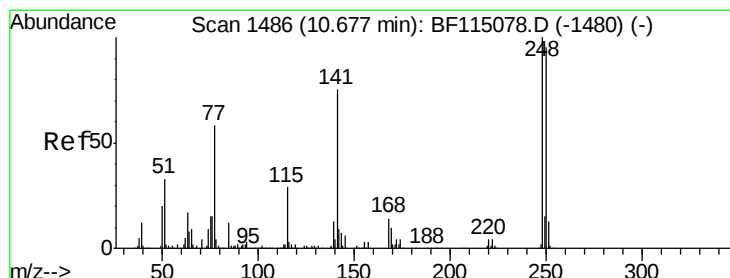
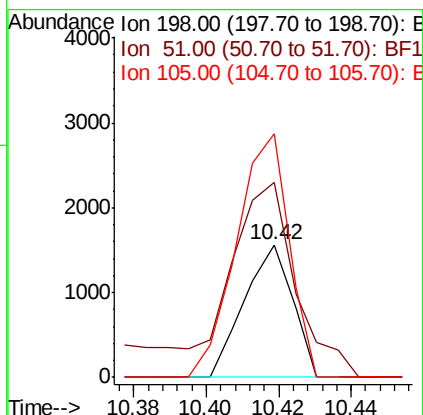
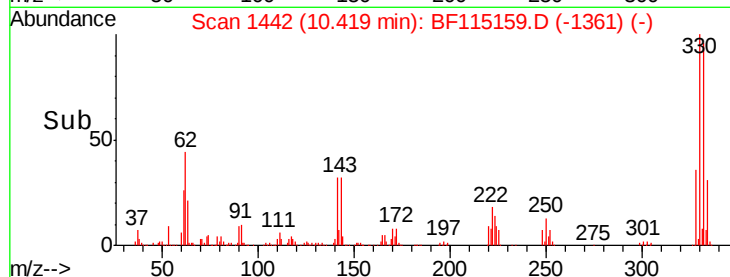
105 183.5 17.3 57.3#



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: 3.468 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.26 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

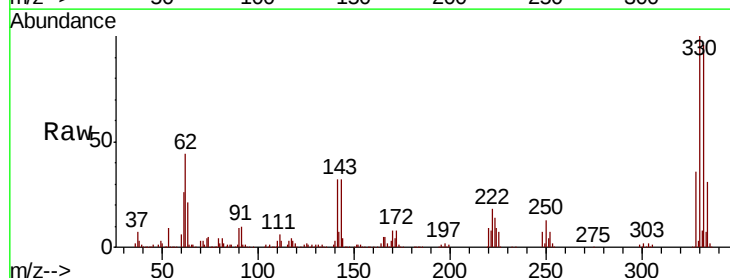
Tgt Ion:248 Resp: 40948

Ion Ratio Lower Upper

248 100

250 199.1 76.2 114.2#

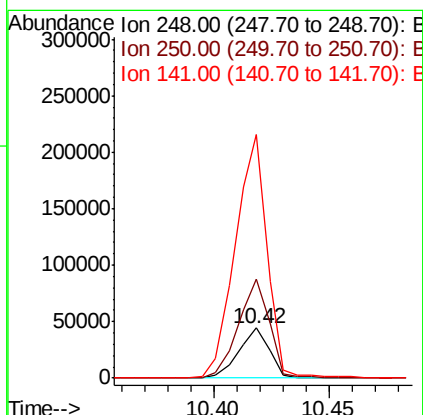
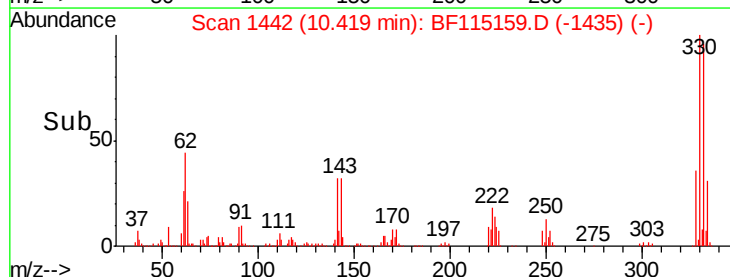
141 488.5 59.6 89.4#

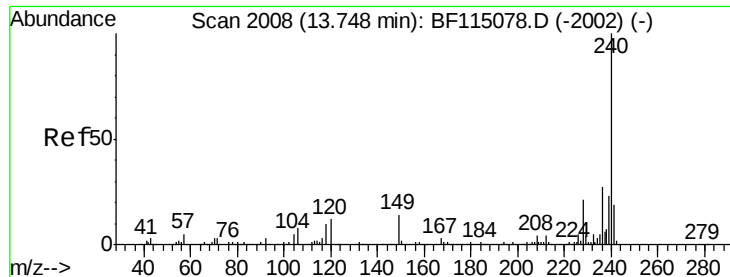


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF115159.D

Acq: 24 Jun 2019 20:48

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-4

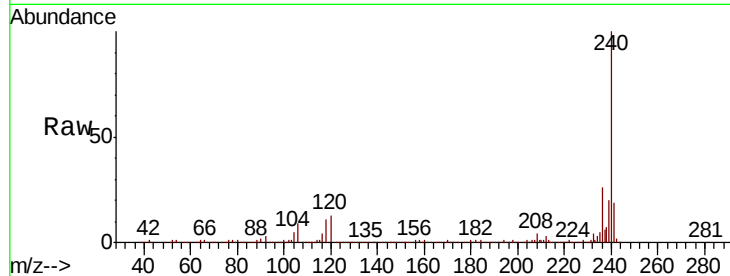
Tot Ion:240 Resp: 759275

Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

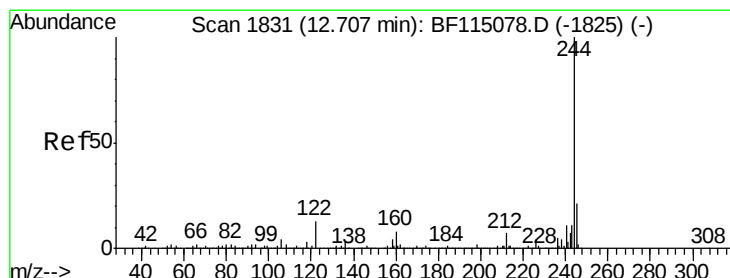
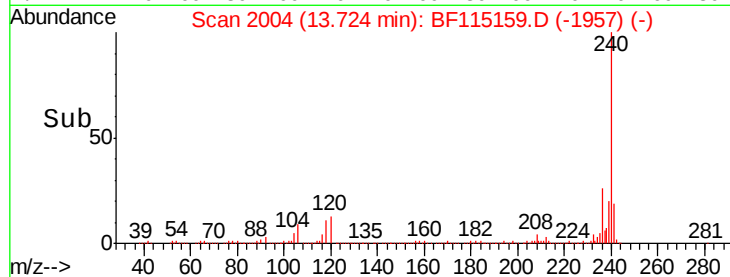
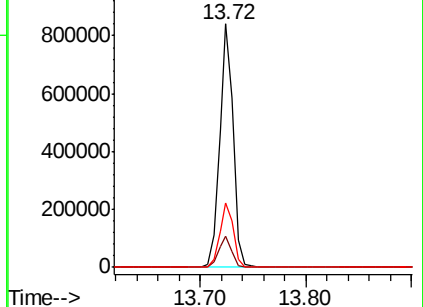
236 26.2 21.7 32.5



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: 83.312 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115159.D

Acq: 24 Jun 2019 20:48

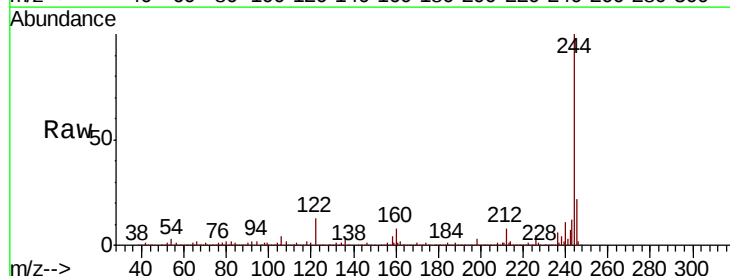
Tgt Ion:244 Resp: 2975156

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

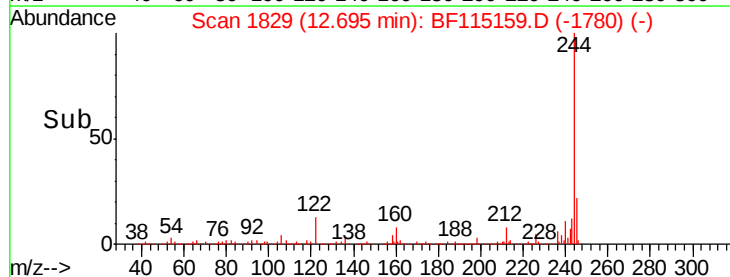
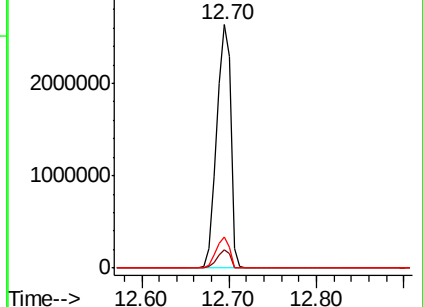
122 12.7 10.4 15.6

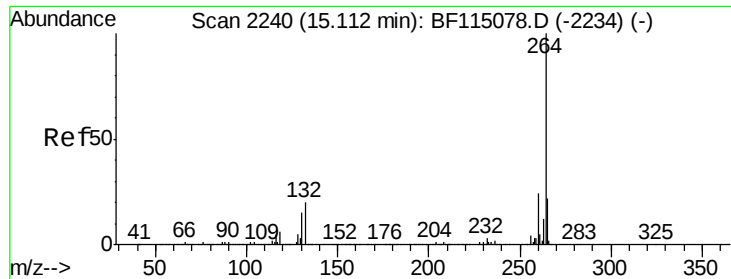


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115159.D
Acq: 24 Jun 2019 20:48

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.2	17.3	25.9

