

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115156.D
 Acq On : 24 Jun 2019 19:27
 Operator : HP/JU
 Sample : K3447-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-2

Quant Time: Jun 25 07:41:21 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

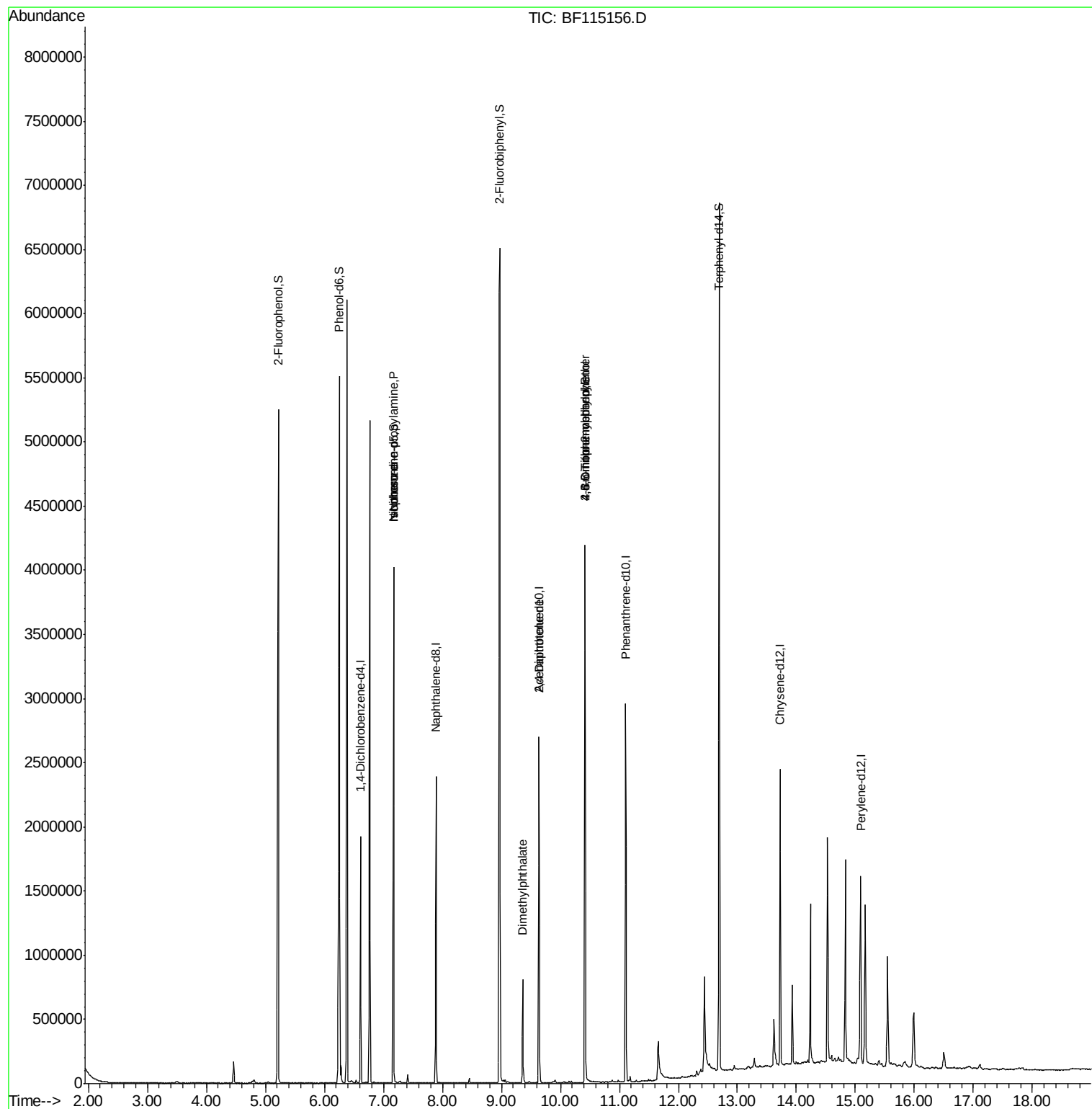
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	268635	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1009446	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	499974	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	993549	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	742788	20.00	ng	-0.02
87) Perylene-d12	15.09	264	632027	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1847625	106.14	ng	0.01
7) Phenol-d6	6.25	99	2261841	107.05	ng	0.00
23) Nitrobenzene-d5	7.17	82	1365879	83.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	528038	100.15	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2268643	77.08	ng	-0.01
79) Terphenyl-d14	12.70	244	2455743	70.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	181994	13.454	ng	# 78
25) Isophorone	7.17	82	1351613	40.208	ng	# 63
50) Dimethylphthalate	9.36	163	317469	8.631	ng	# 99
57) 2,4-Dinitrotoluene	9.64	165	63843	5.822	ng	# 30
58) Fluorene	10.42	166	24492	Below Cal		# 84
65) 4,6-Dinitro-2-methylphenol	10.42	198	1150	5.155	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	33283	3.090	ng	# 1

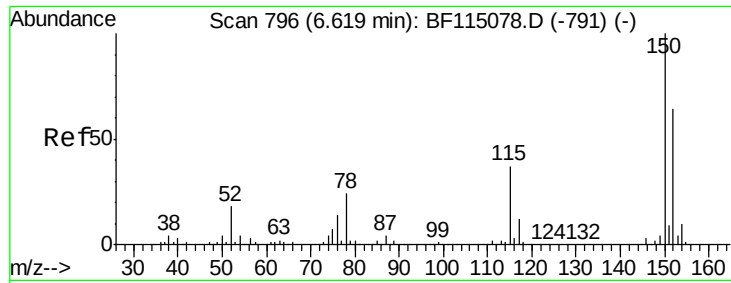
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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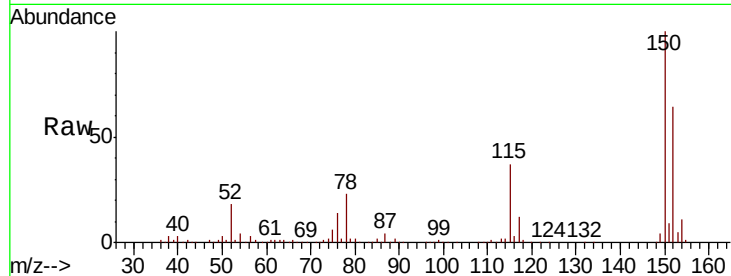


#1

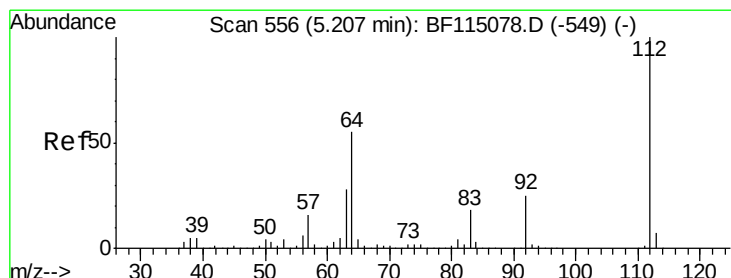
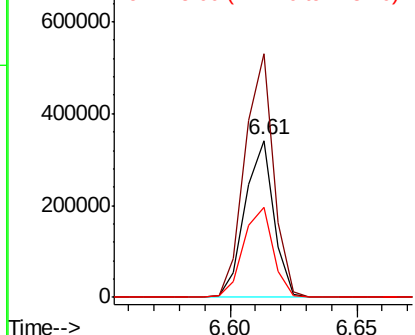
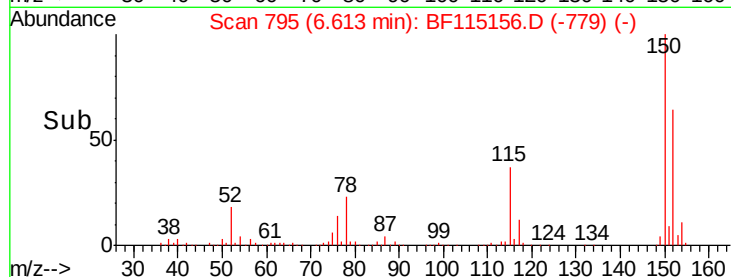
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115156.D
Acq: 24 Jun 2019 19:27

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-2

Tot Ion:152 Resp: 268635
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.2
115 57.8 46.1 69.1



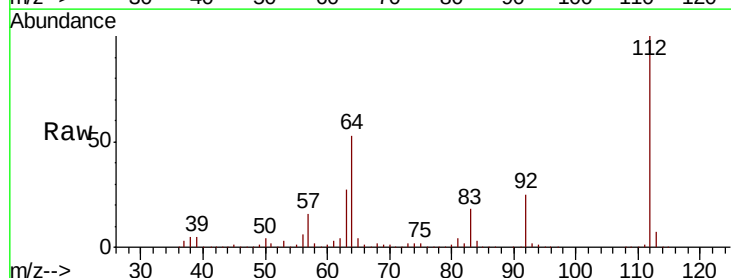
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



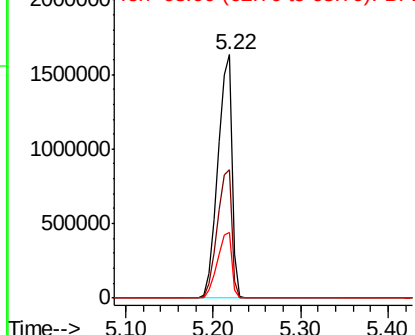
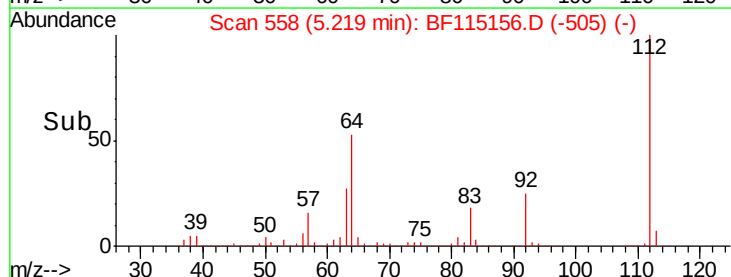
#5

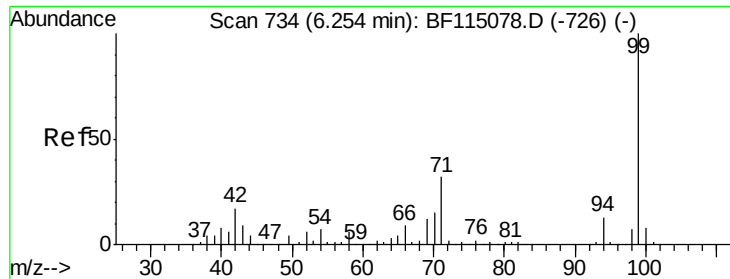
2-Fluorophenol
Concen: 106.136 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115156.D
Acq: 24 Jun 2019 19:27

Tgt Ion:112 Resp: 1847625
Ion Ratio Lower Upper
112 100
64 52.7 43.8 65.6
63 26.9 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: 107.049 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115156.D

Acq: 24 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-2

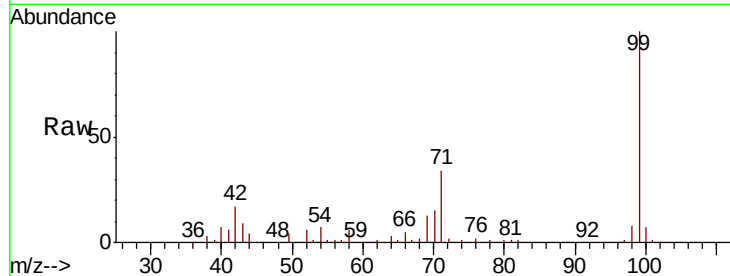
Tot Ion: 99 Resp: 2261841

Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

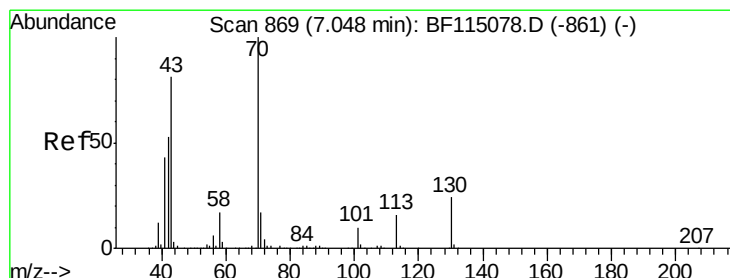
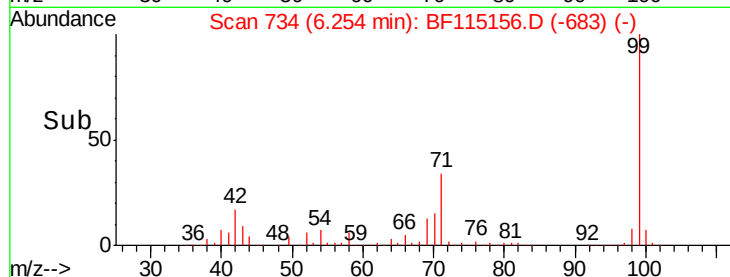
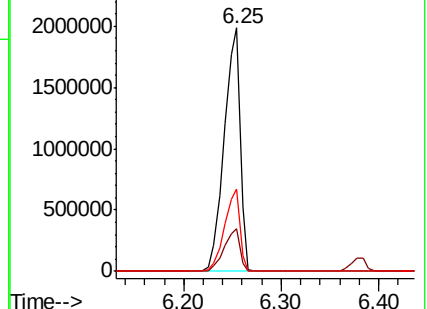
71 33.8 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.454 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115156.D

Acq: 24 Jun 2019 19:27

Tgt Ion: 70 Resp: 181994

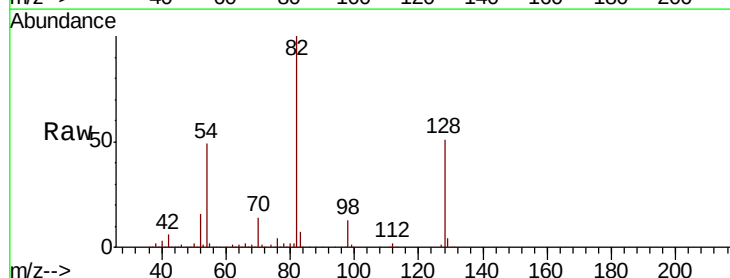
Ion Ratio Lower Upper

70 100

42 45.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 19.4 29.0#

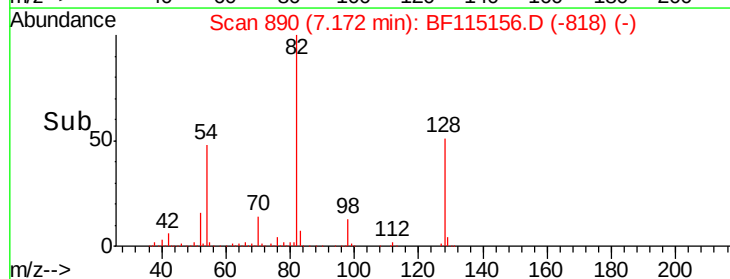
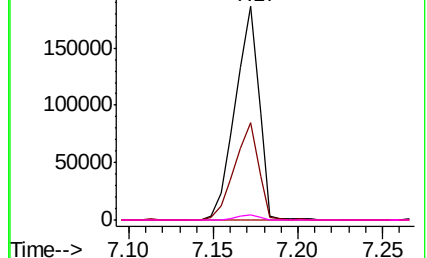


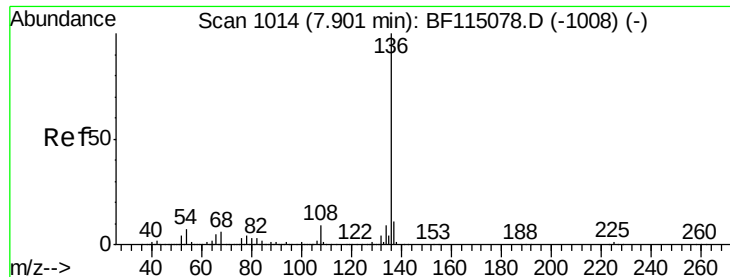
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

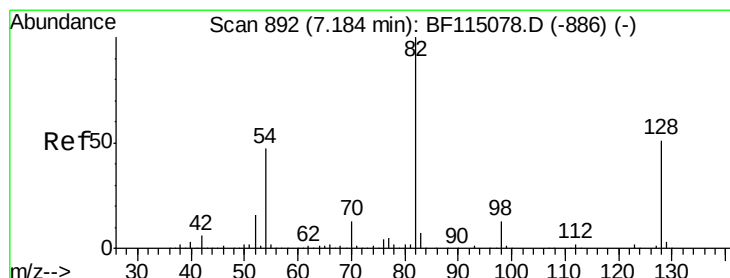
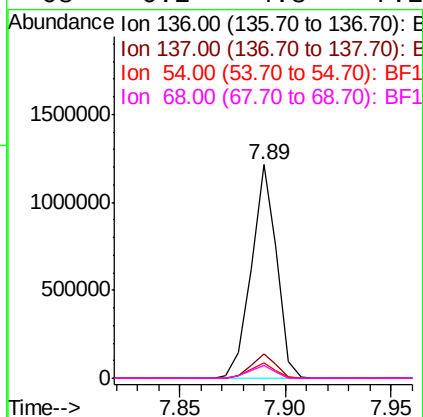
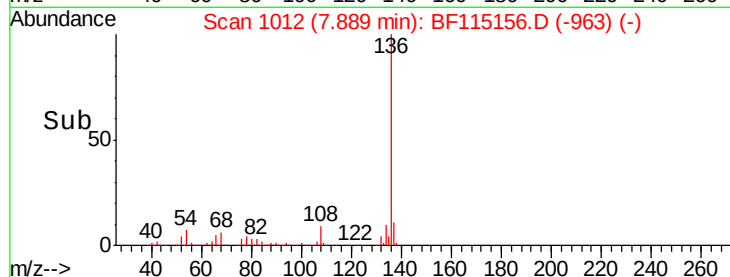
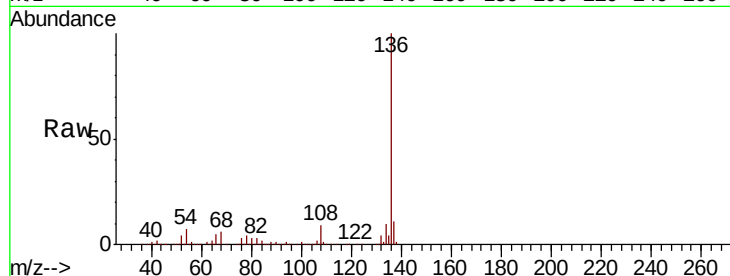




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115156.D
Acq: 24 Jun 2019 19:27

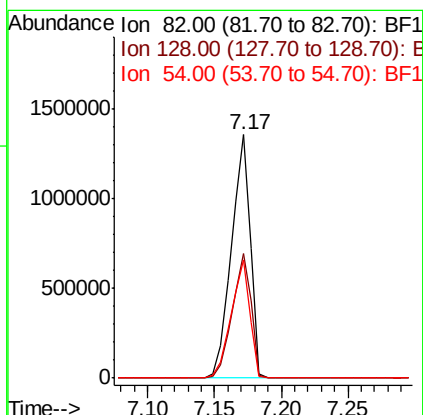
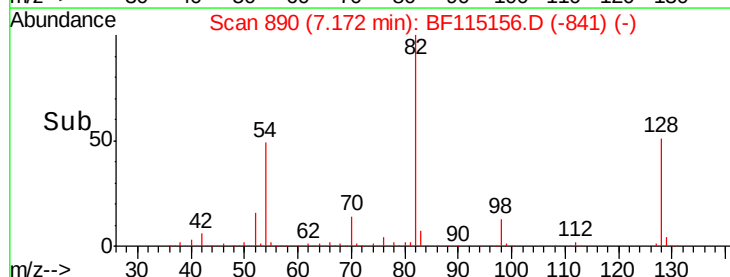
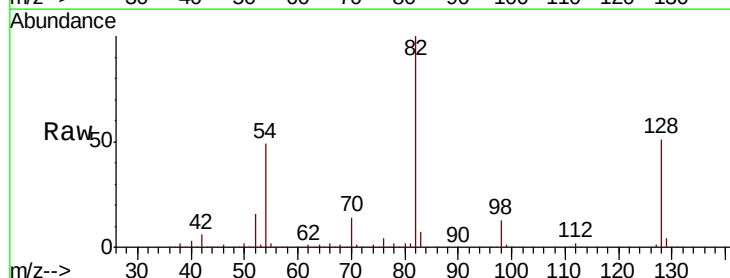
Instrument :
BNA_F
ClientSampleId :
SIDEWALL-2

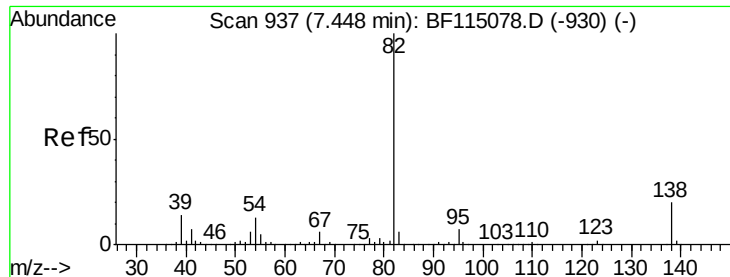
Tot Ion:136	Resp: 1009446
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 7.2	5.6 8.4
68 6.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.236 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115156.D
Acq: 24 Jun 2019 19:27

Tgt Ion: 82	Resp: 1365879
Ion Ratio	Lower Upper
82 100	
128 51.3	40.4 60.6
54 48.5	37.5 56.3





#25

Isophorone

Concen: 40.208 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115156.D

Acq: 24 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-2

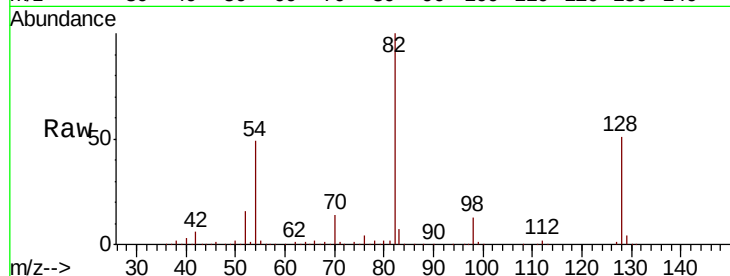
Tot Ion: 82 Resp: 1351613

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

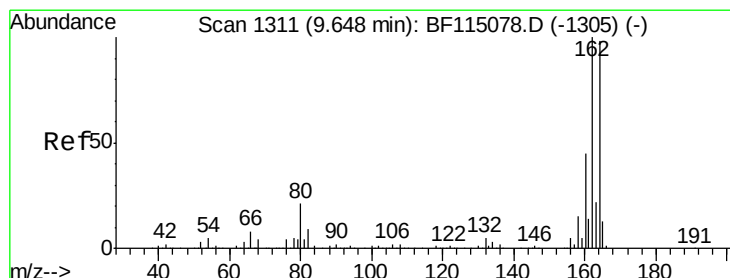
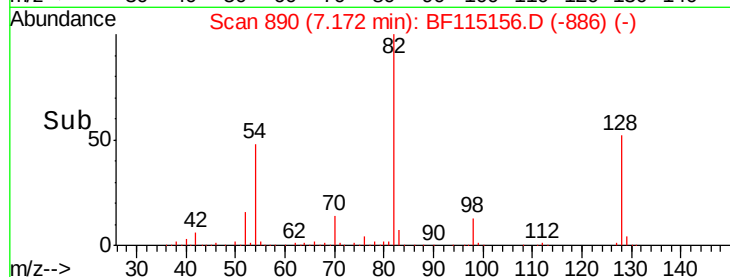
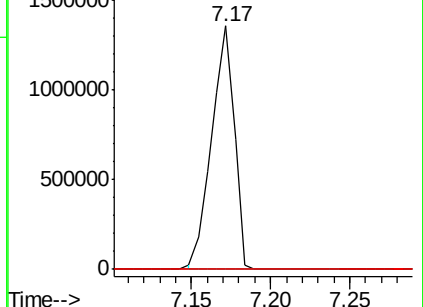
138 0.0 15.9 23.9#



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: BF115156.D

Acq: 24 Jun 2019 19:27

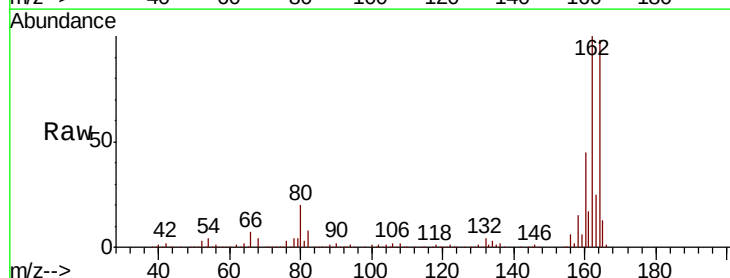
Tgt Ion:164 Resp: 499974

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

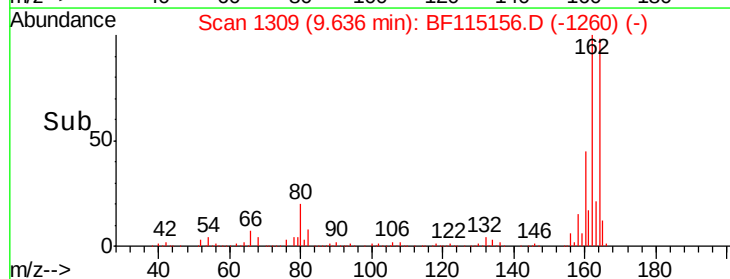
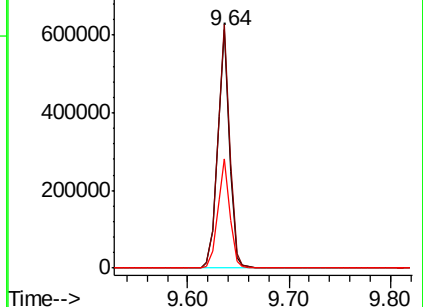
160 45.7 37.0 55.4

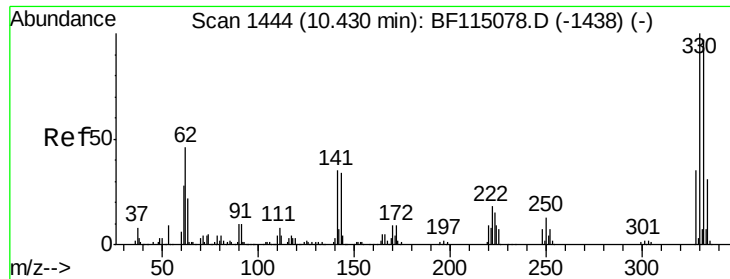


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 100.151 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115156.D

Acq: 24 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-2

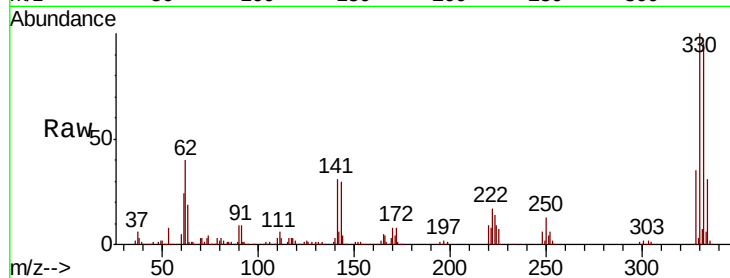
Tot Ion:330 Resp: 528038

Ion Ratio Lower Upper

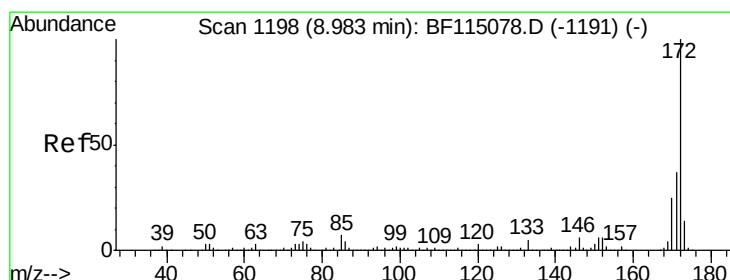
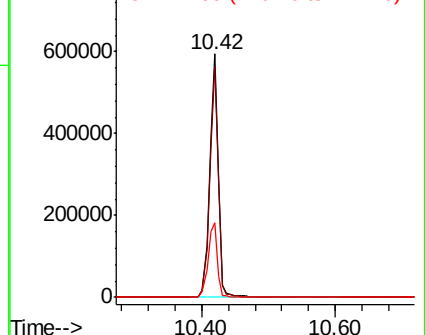
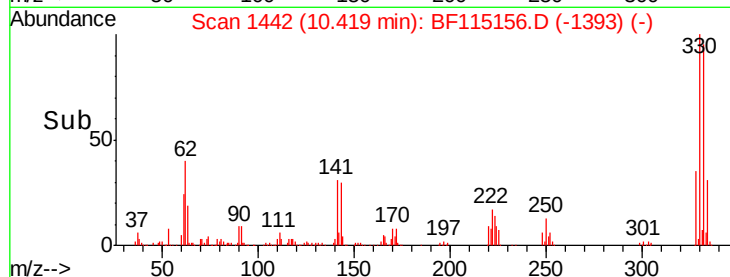
330 100

332 94.7 77.3 115.9

141 33.1 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
800000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 77.075 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115156.D

Acq: 24 Jun 2019 19:27

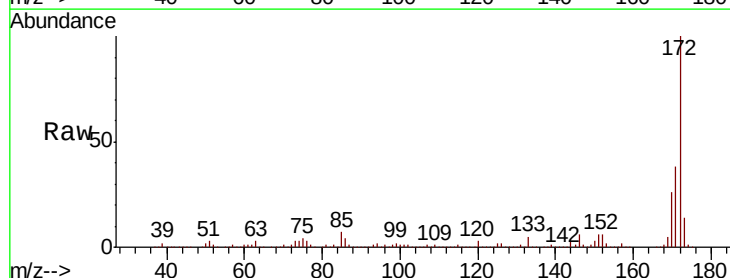
Tgt Ion:172 Resp: 2268643

Ion Ratio Lower Upper

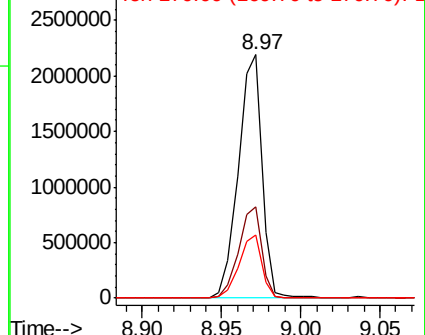
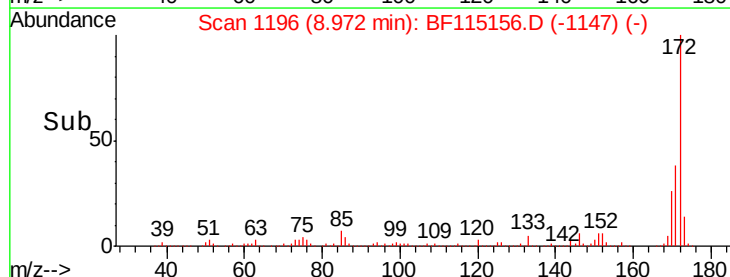
172 100

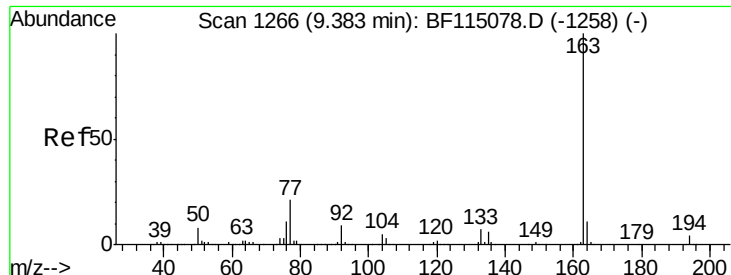
171 37.7 29.8 44.6

170 26.0 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

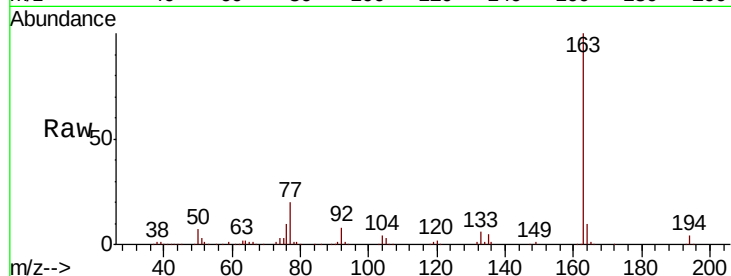




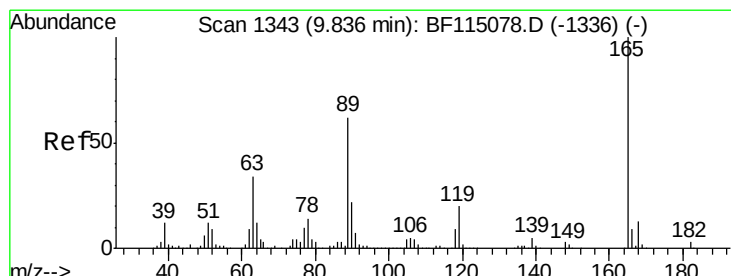
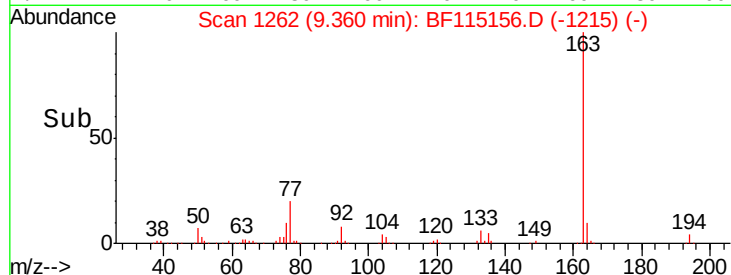
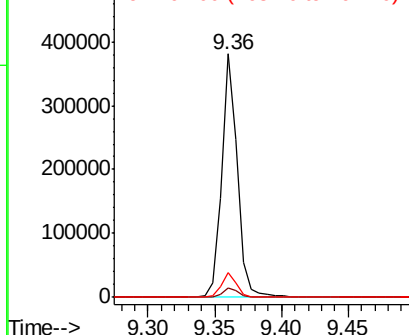
#50
Dimethylphthalate
Concen: 8.631 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115156.D
Acq: 24 Jun 2019 19:27

Instrument :
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Tot Ion:163 Resp: 317469
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 8.6 13.0

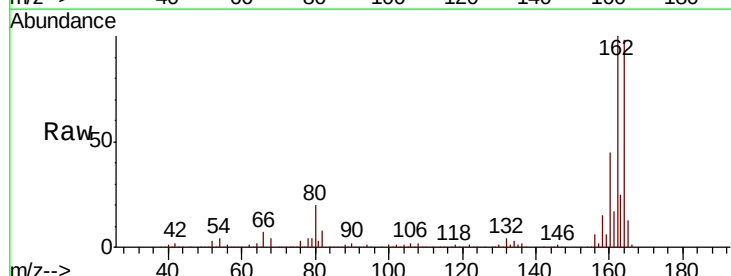


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

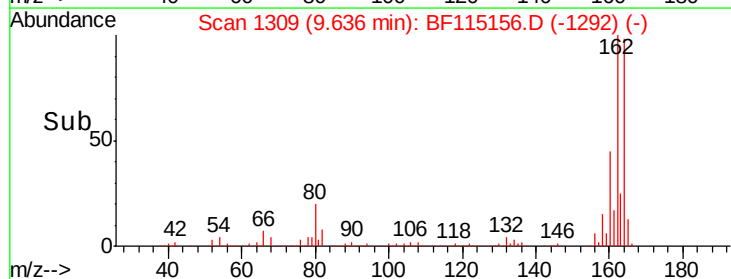
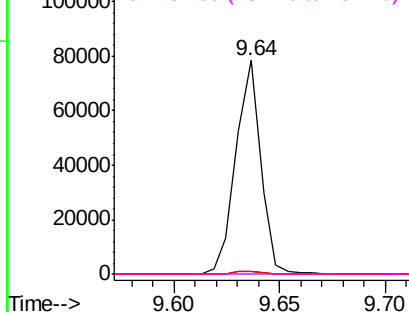


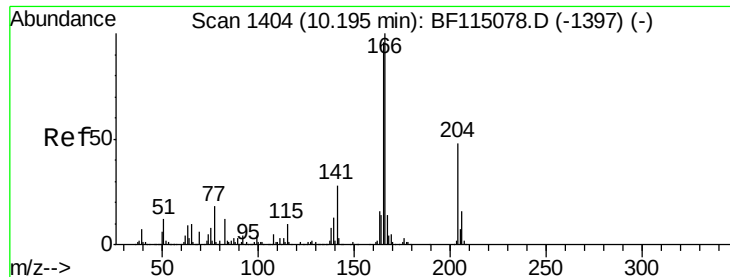
#57
2,4-Dinitrotoluene
Concen: 5.822 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115156.D
Acq: 24 Jun 2019 19:27

Tgt Ion:165 Resp: 63843
Ion Ratio Lower Upper
165 100
63 1.1 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: BF115156.D

Acq: 24 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-2

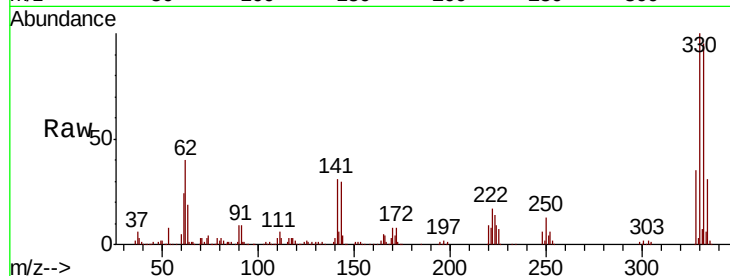
Tot Ion:166 Resp: 24492

Ion Ratio Lower Upper

166 100

165 106.9 76.5 114.7

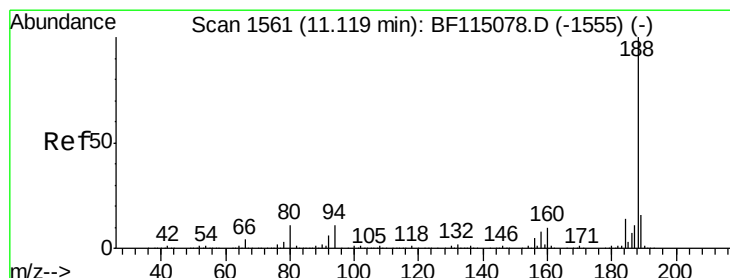
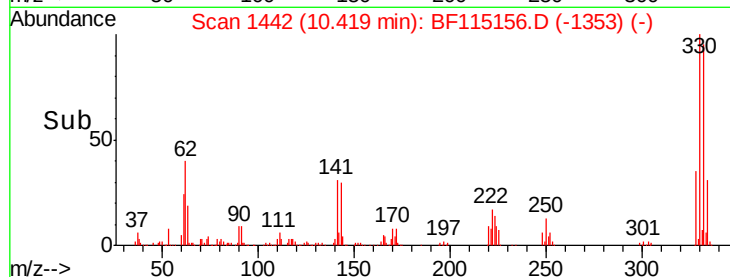
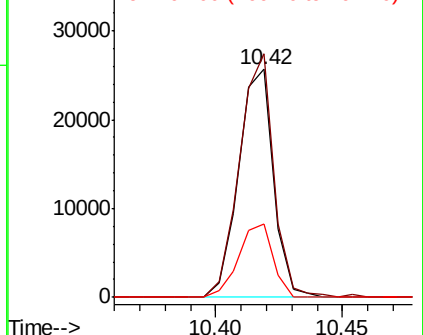
167 32.0 11.0 16.4#



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: BF115156.D

Acq: 24 Jun 2019 19:27

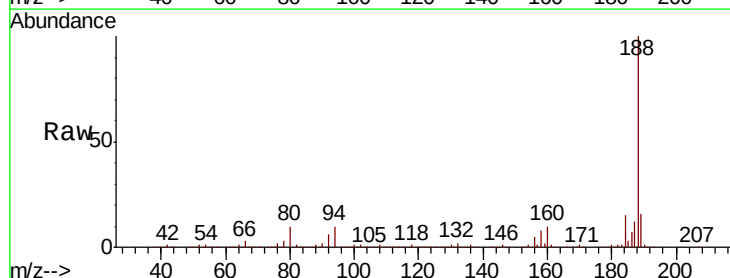
Tgt Ion:188 Resp: 993549

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

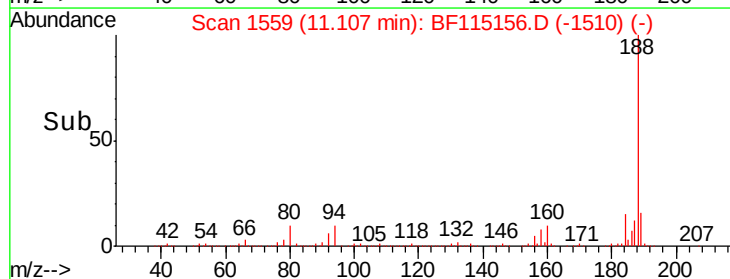
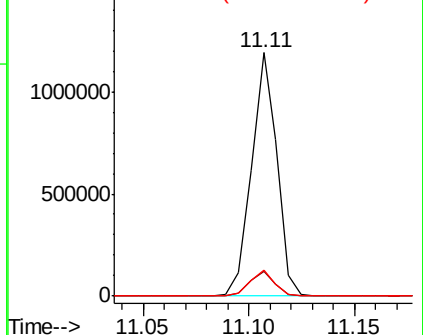
80 10.4 8.8 13.2

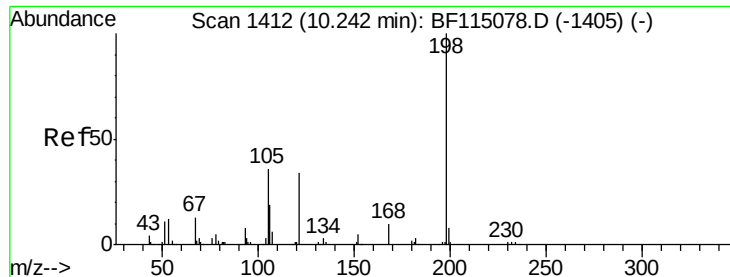


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.155 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.18 min

Lab File: BF115156.D

Acq: 24 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-2

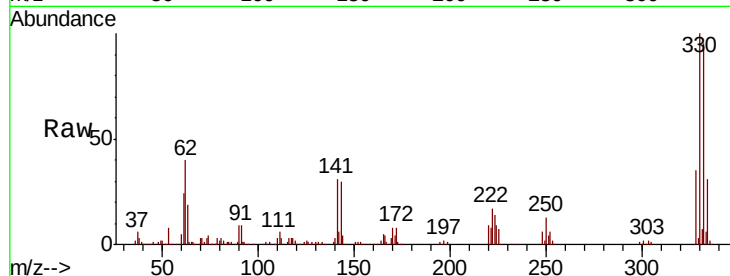
Tot Ion:198 Resp: 1150

Ion Ratio Lower Upper

198 100

51 127.7 11.0 51.0#

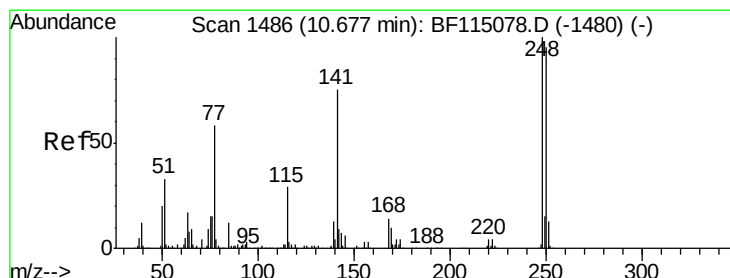
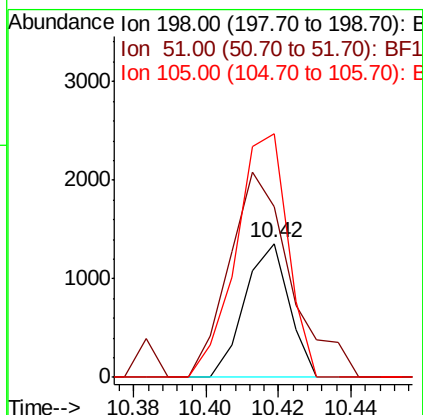
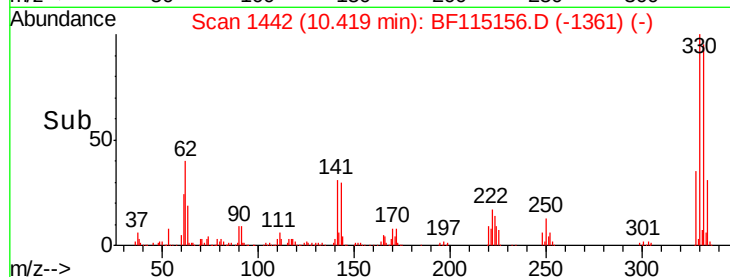
105 181.9 17.3 57.3#



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: 3.090 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.26 min

Lab File: BF115156.D

Acq: 24 Jun 2019 19:27

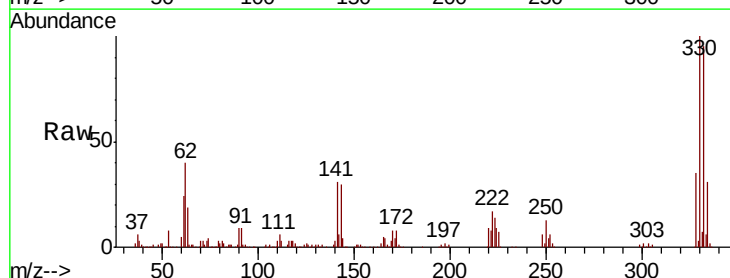
Tgt Ion:248 Resp: 33283

Ion Ratio Lower Upper

248 100

250 198.4 76.2 114.2#

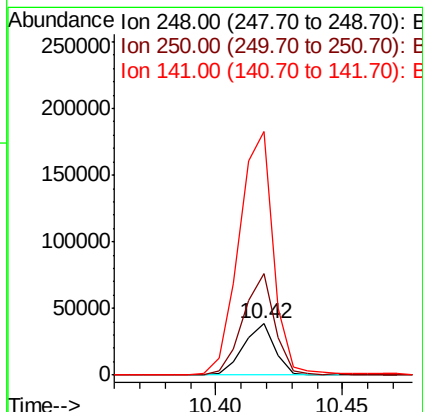
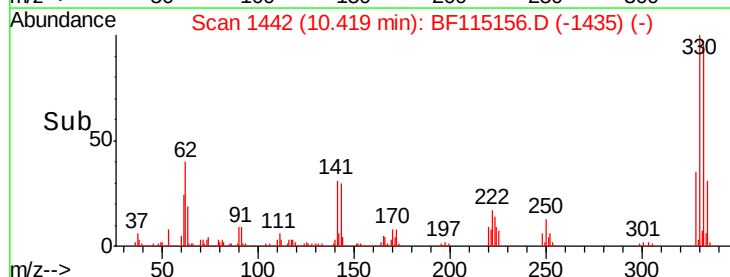
141 477.0 59.6 89.4#

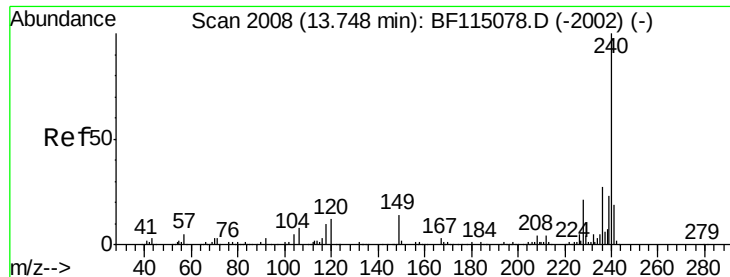


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

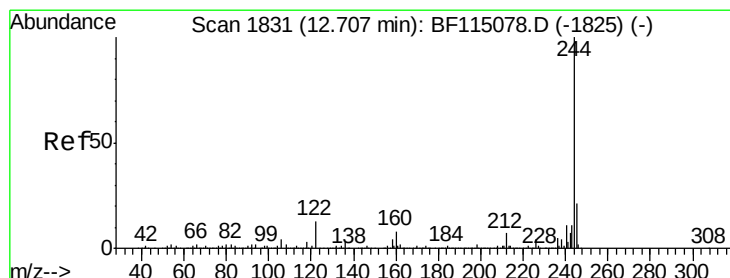
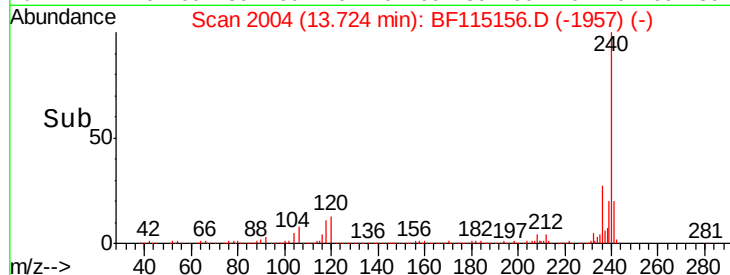
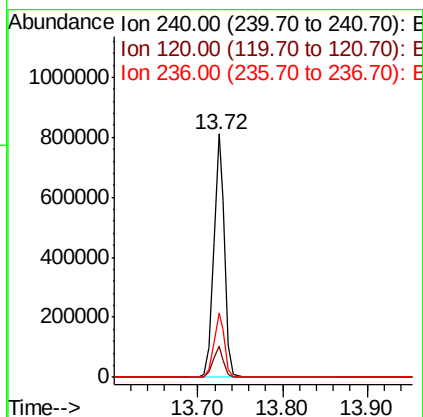
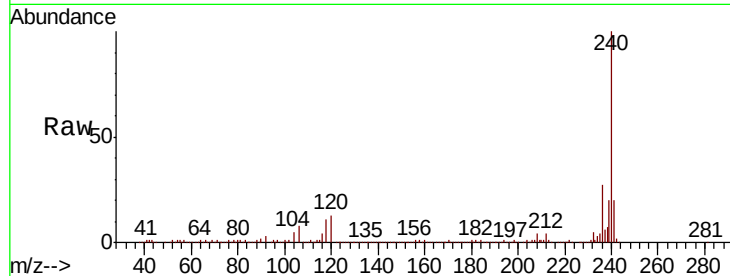




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115156.D
 Acq: 24 Jun 2019 19:27

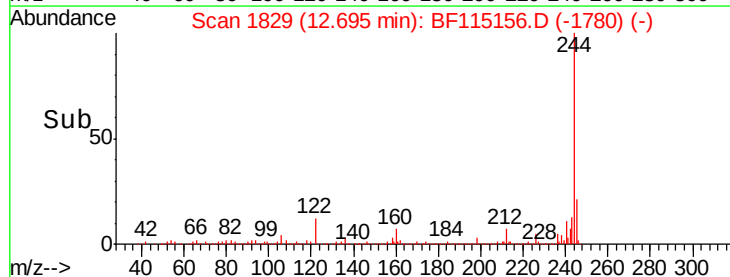
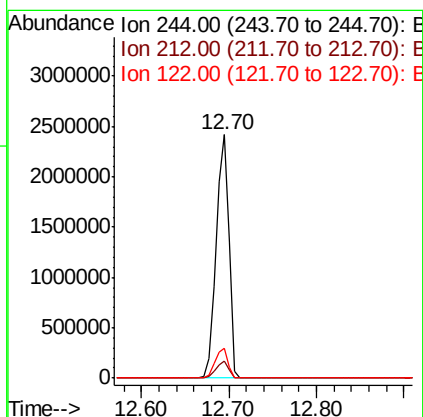
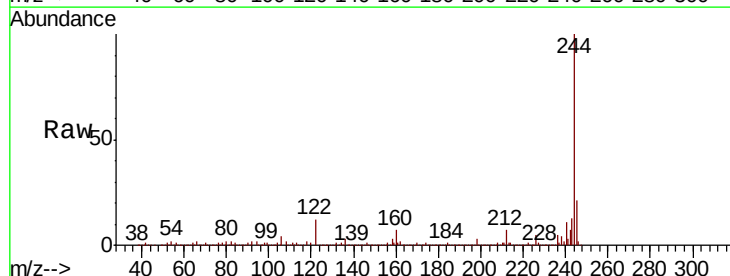
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-2

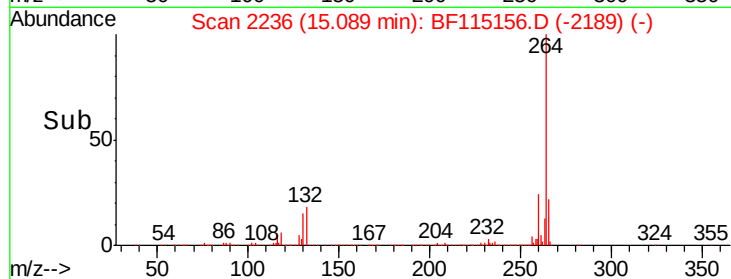
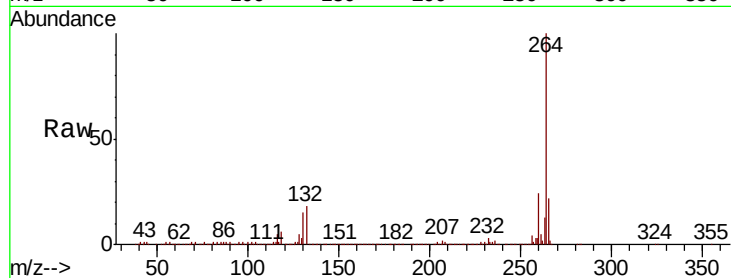
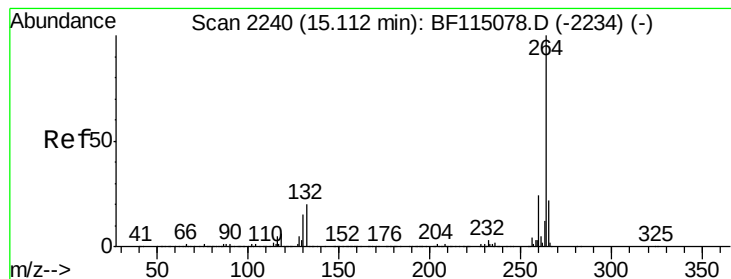
Tot Ion:240 Resp: 742788
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.4 14.2
 236 26.7 21.7 32.5



#79
 Terphenyl-d14
 Concen: 70.293 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115156.D
 Acq: 24 Jun 2019 19:27

Tgt Ion:244 Resp: 2455743
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 12.5 10.4 15.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115156.D

Acq: 24 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-2

Tot Ion:264 Resp: 632027

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.8 17.3 25.9

