

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115123.D
 Acq On : 22 Jun 2019 16:23
 Operator : HP/JU
 Sample : K3447-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-3

Quant Time: Jun 24 04:35:16 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

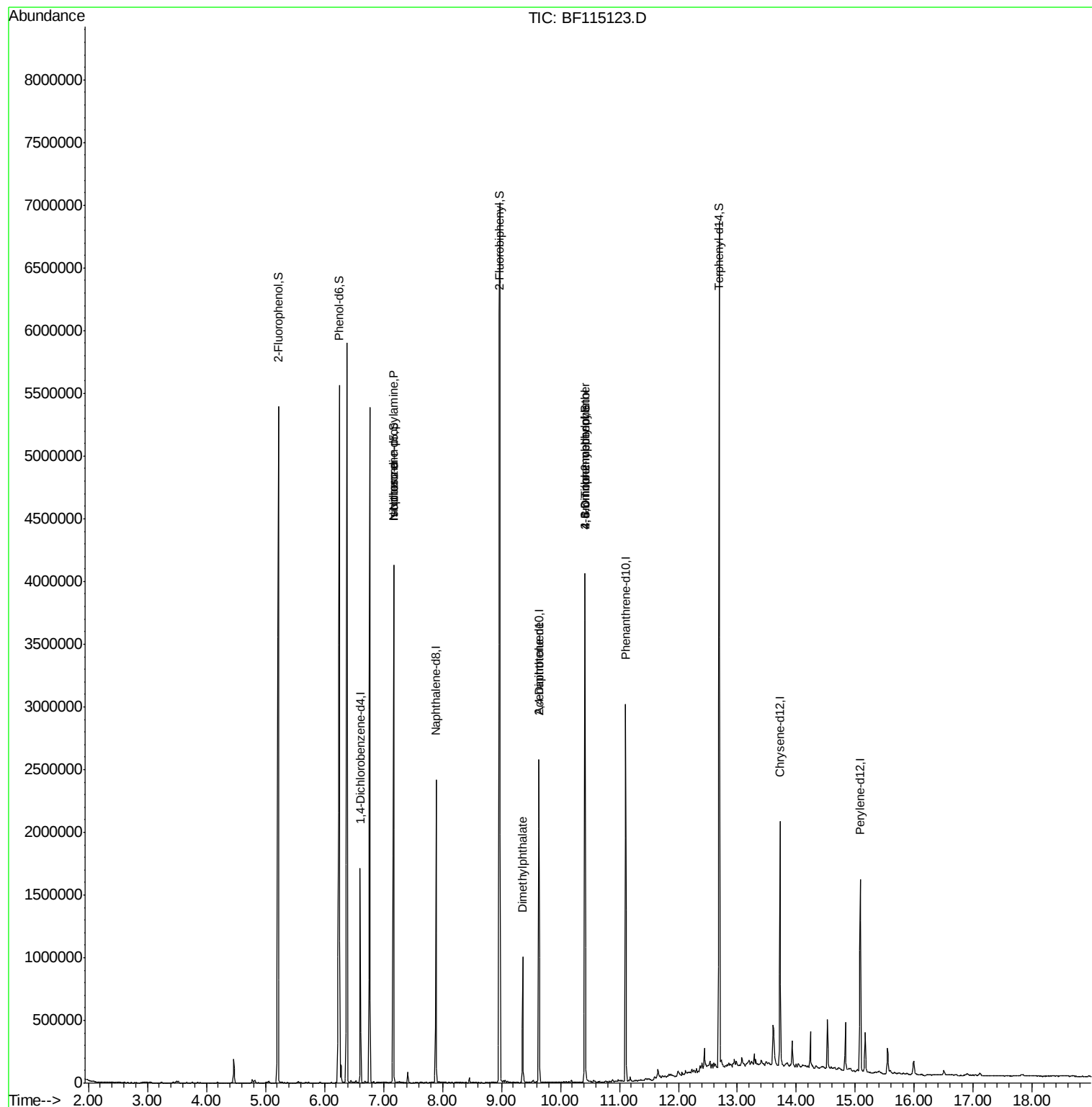
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273798	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1036548	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	512582	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1000886	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	645691	20.00	ng	-0.02
87) Perylene-d12	15.08	264	611424	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1918707	108.14	ng	0.01
7) Phenol-d6	6.25	99	2389090	110.94	ng	0.00
23) Nitrobenzene-d5	7.17	82	1442759	85.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	549977	101.75	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2433790	80.65	ng	-0.01
79) Terphenyl-d14	12.69	244	2548886	83.93	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	194301	14.093	ng	# 77
25) Isophorone	7.17	82	1422174	41.200	ng	# 63
50) Dimethylphthalate	9.36	163	363425	9.637	ng	99
57) 2,4-Dinitrotoluene	9.64	165	65756	5.849	ng	# 30
58) Fluorene	10.42	166	26110	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.42	198	1135	5.151	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	35599	3.281	ng	# 1

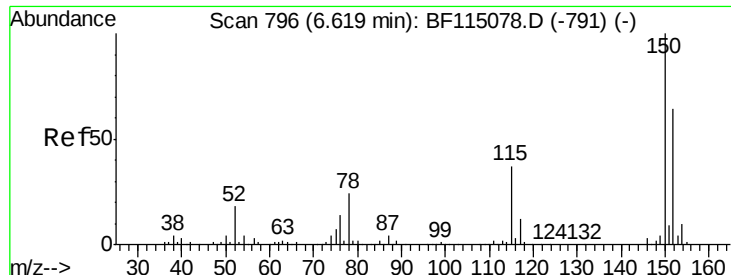
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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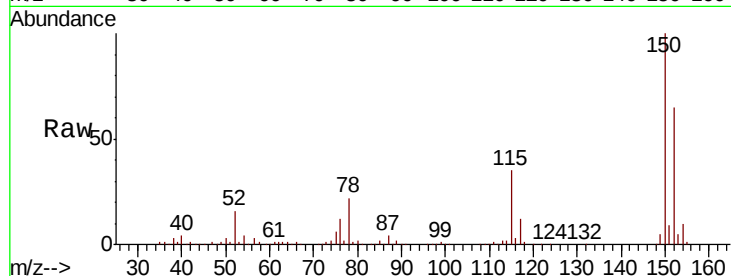


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115123.D
Acq: 22 Jun 2019 16:23

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	54.8	46.1	69.1

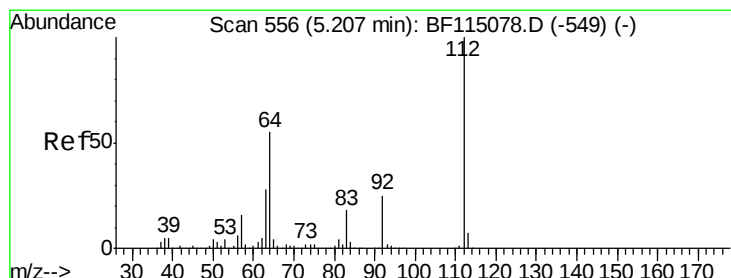
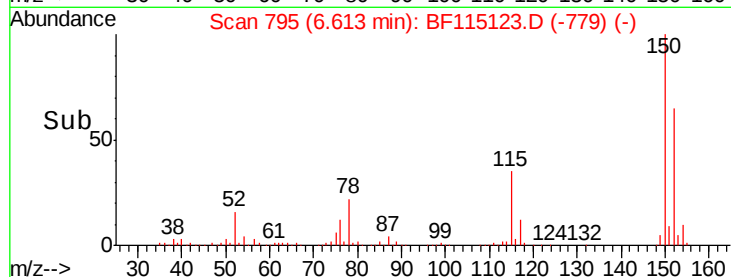
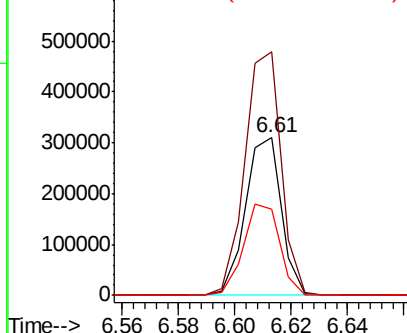


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

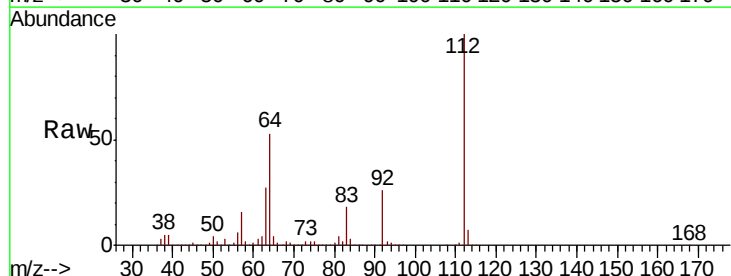
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.141 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115123.D
Acq: 22 Jun 2019 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	43.8	65.6
63	26.9	22.2	33.4

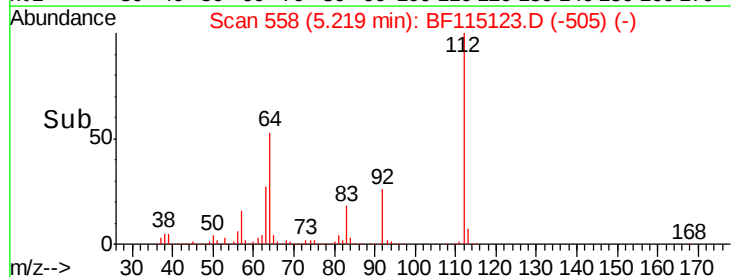
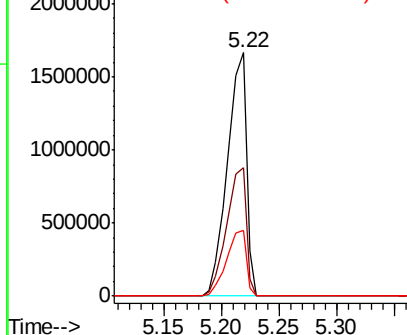


Abundance

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: 110.939 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

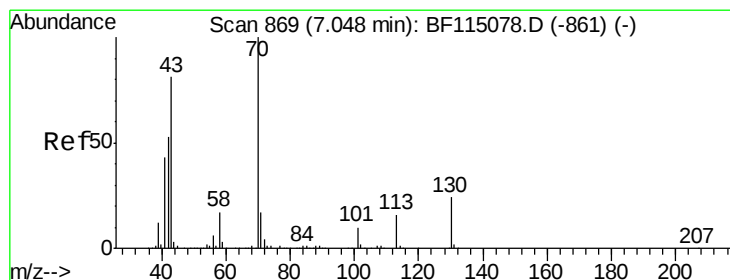
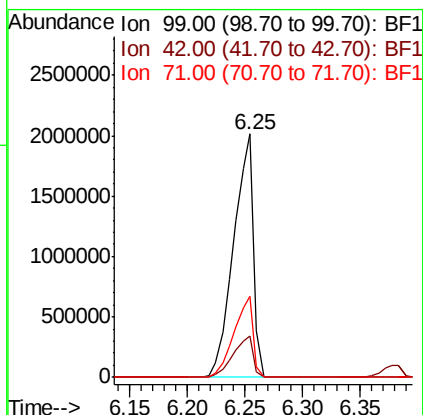
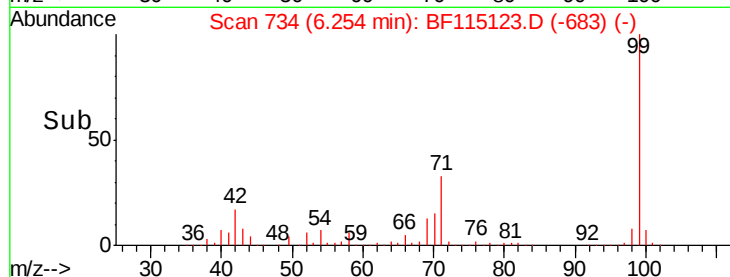
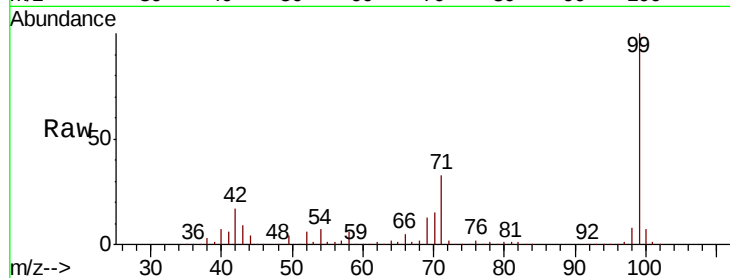
BNA_F

ClientSampleId :

SIDEWALL-3

Tot Ion: 99 Resp: 2389090

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	33.2	25.5	38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.093 ng

RT: 7.17 min Scan# 890

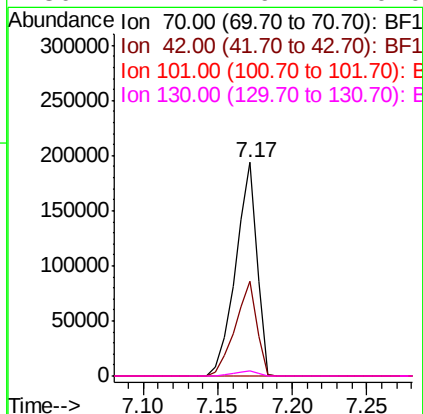
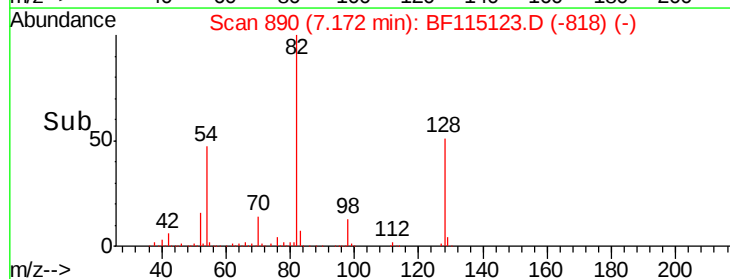
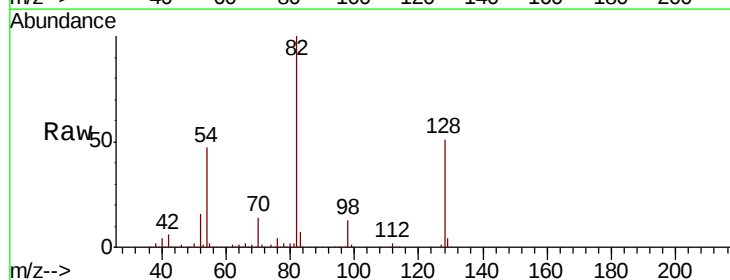
Delta R.T. 0.12 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Tgt Ion: 70 Resp: 194301

Ion	Ratio	Lower	Upper
70	100		
42	44.3	42.6	63.8
101	0.0	8.0	12.0#
130	2.7	19.4	29.0#

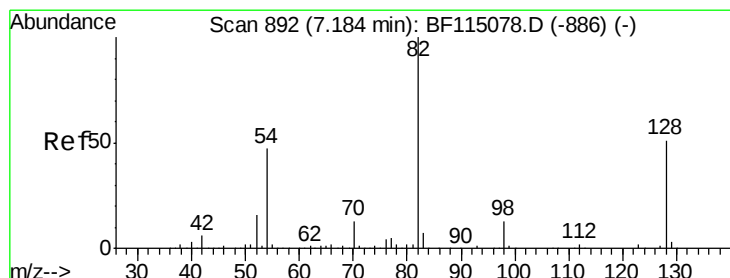
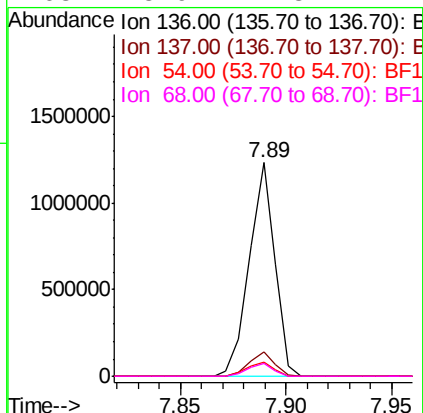
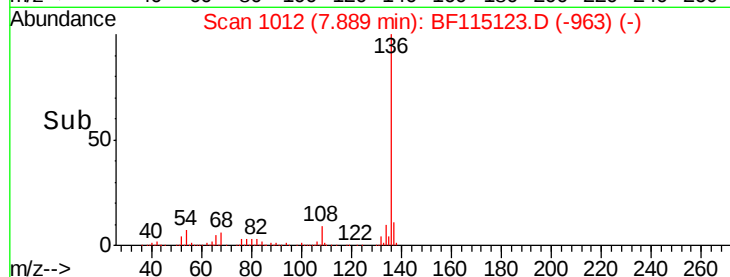
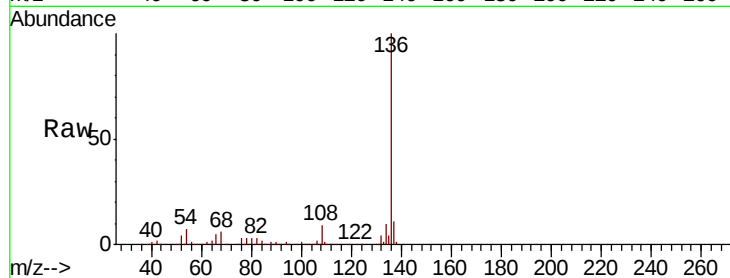




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115123.D
Acq: 22 Jun 2019 16:23

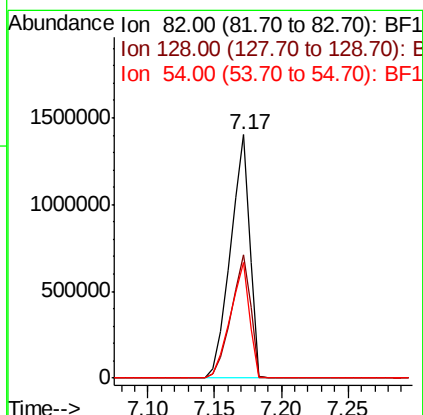
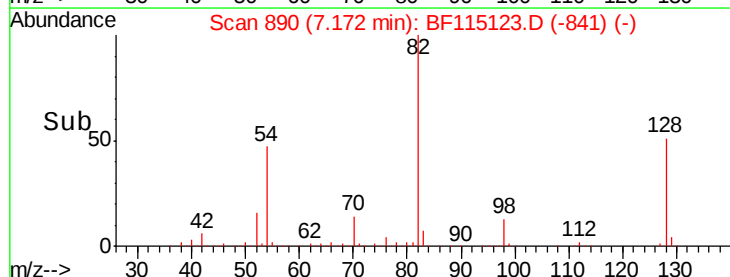
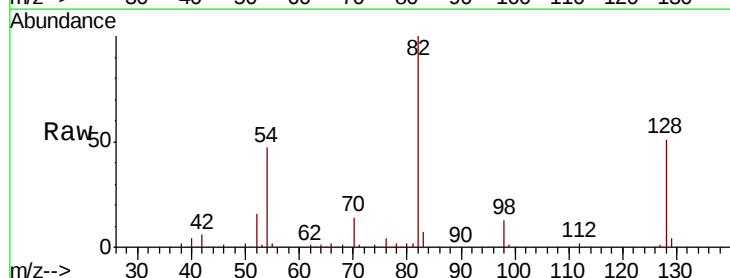
Instrument :
BNA_F
ClientSampleId :
SIDEWALL-3

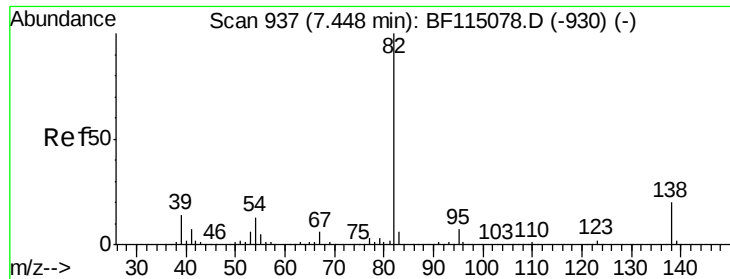
Tot Ion:136	Resp: 1036548
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 6.8	5.6 8.4
68 5.9	4.8 7.2



#23
Nitrobenzene-d5
Concen: 85.623 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115123.D
Acq: 22 Jun 2019 16:23

Tgt Ion: 82	Resp: 1442759
Ion Ratio	Lower Upper
82 100	
128 50.8	40.4 60.6
54 47.3	37.5 56.3





#25

Isophorone

Concen: 41.200 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-3

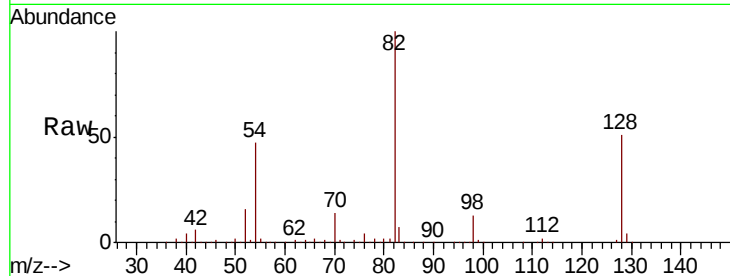
Tot Ion: 82 Resp: 1422174

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

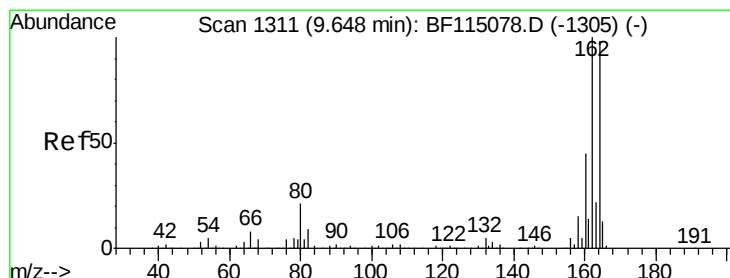
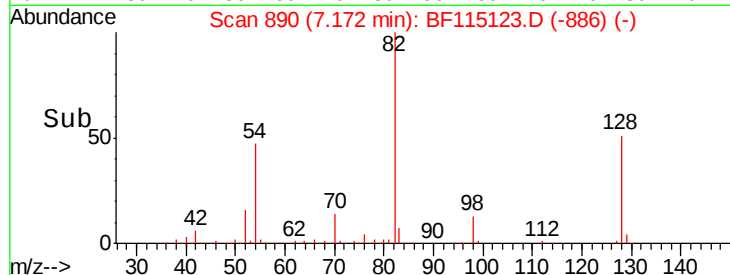
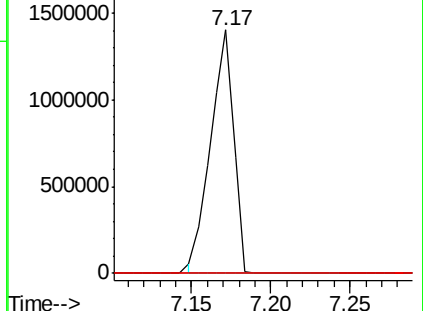
138 0.0 15.9 23.9#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

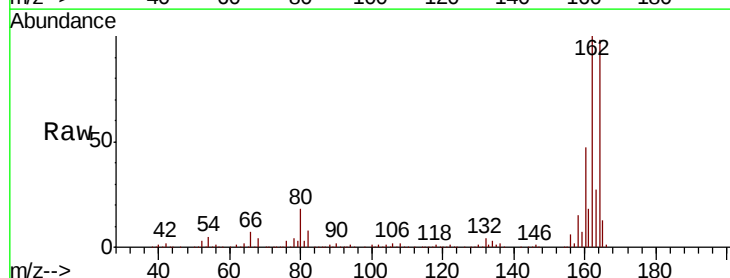
Tgt Ion:164 Resp: 512582

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

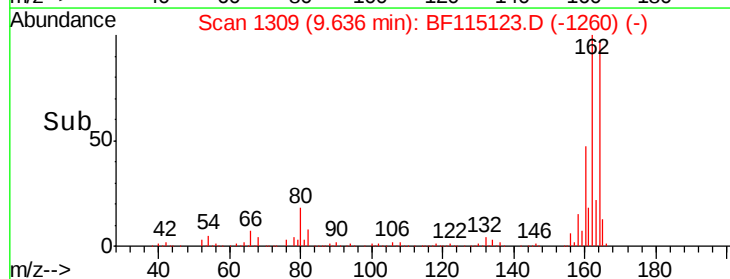
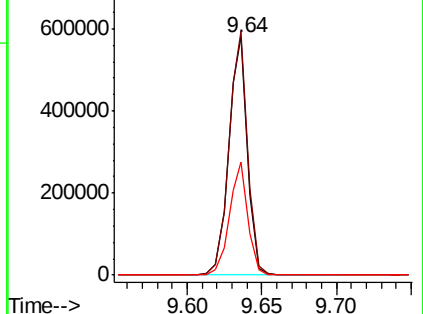
160 47.6 37.0 55.4



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: 101.747 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-3

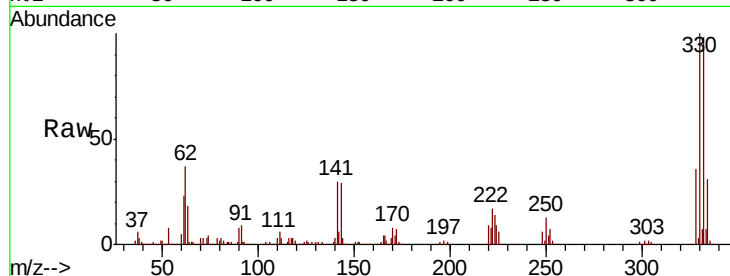
Tot Ion:330 Resp: 549977

Ion Ratio Lower Upper

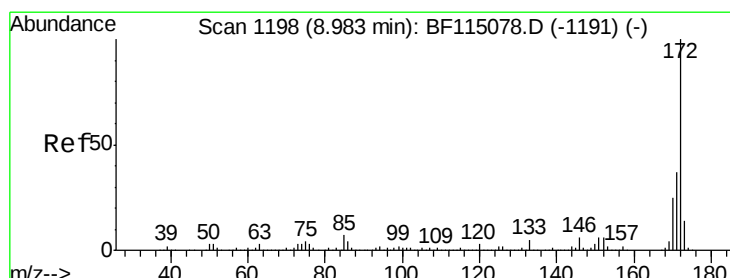
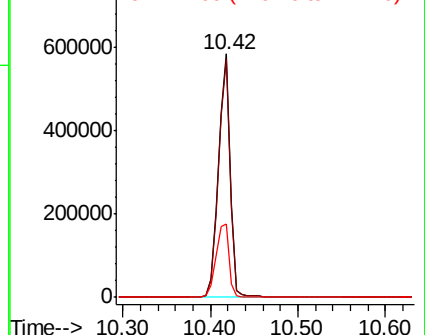
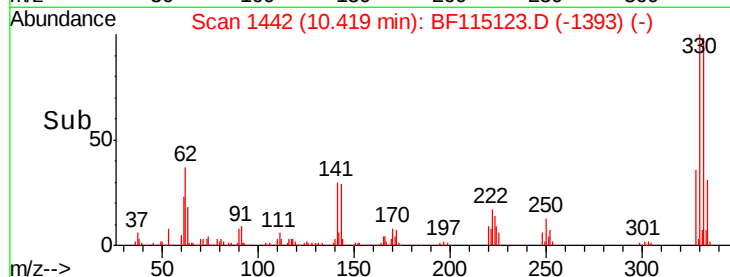
330 100

332 96.8 77.3 115.9

141 33.5 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: 80.652 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

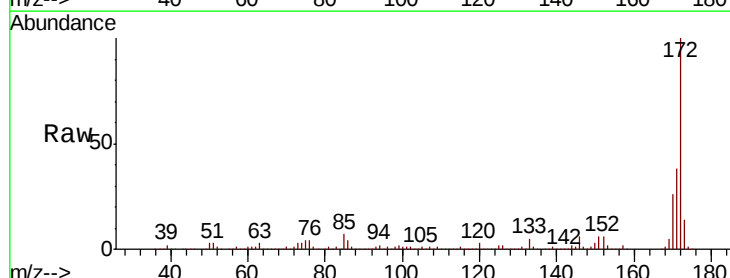
Tgt Ion:172 Resp: 2433790

Ion Ratio Lower Upper

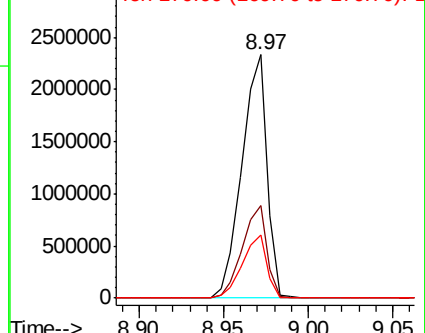
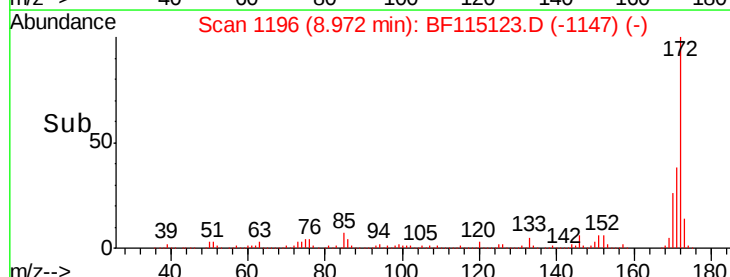
172 100

171 37.8 29.8 44.6

170 25.7 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

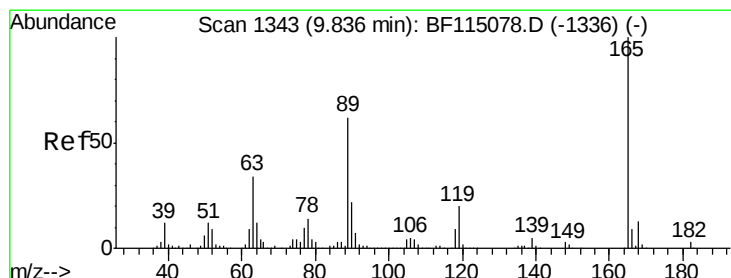
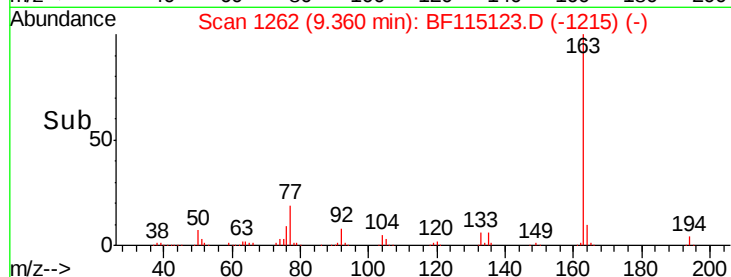
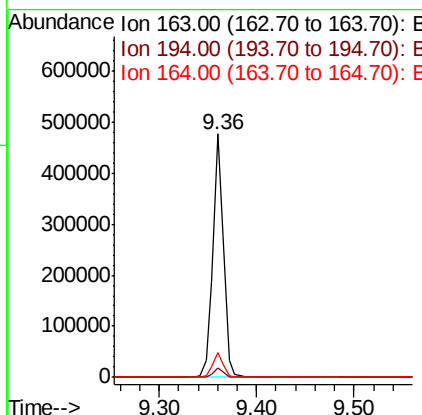
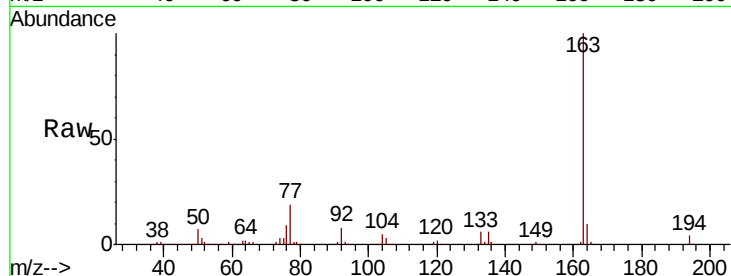




#50
Dimethylphthalate
Concen: 9.637 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115123.D
Acq: 22 Jun 2019 16:23

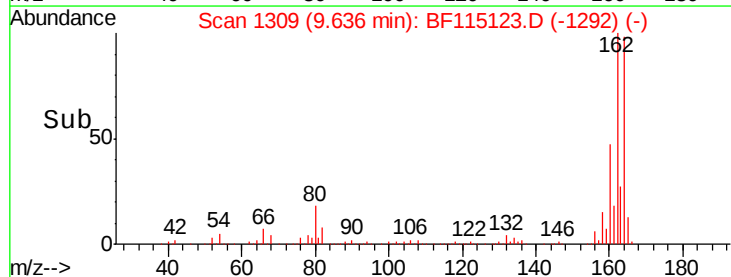
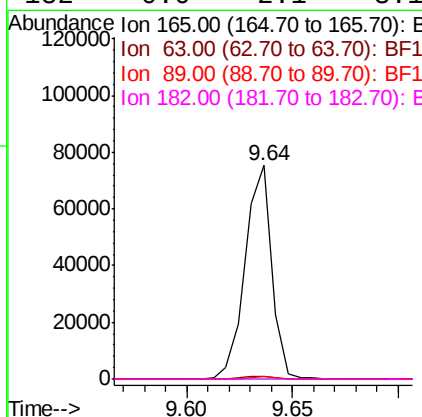
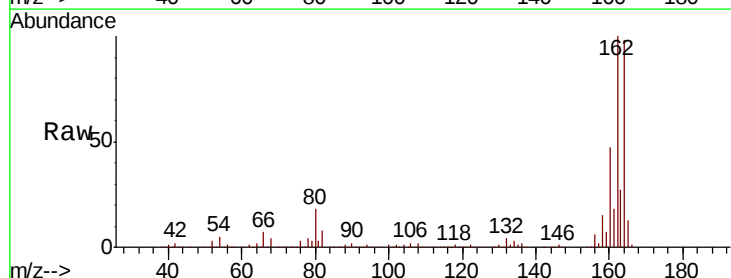
Instrument :
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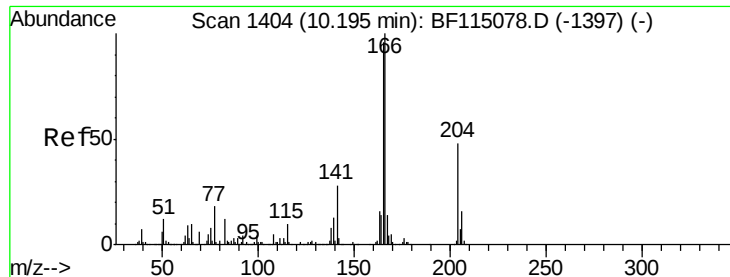
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.1	8.6	13.0



#57
2,4-Dinitrotoluene
Concen: 5.849 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115123.D
Acq: 22 Jun 2019 16:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#





#58

Fluorene

Concen: Below Cal

RT: 10.42 min Scan# 1442

Delta R.T. 0.22 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-3

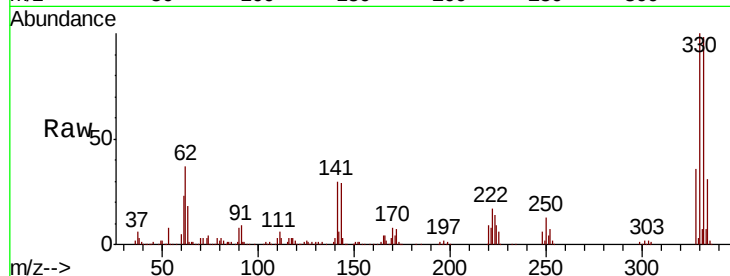
Tot Ion:166 Resp: 26110

Ion Ratio Lower Upper

166 100

165 100.6 76.5 114.7

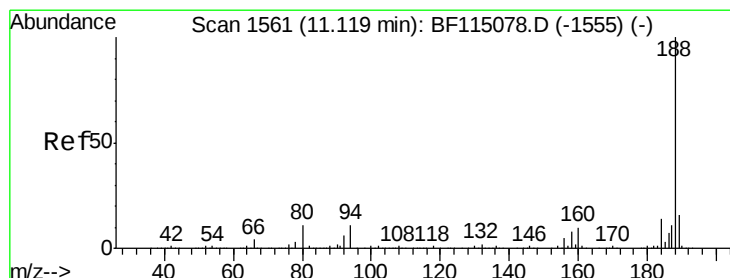
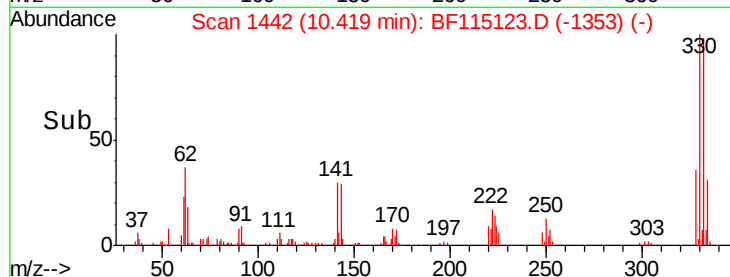
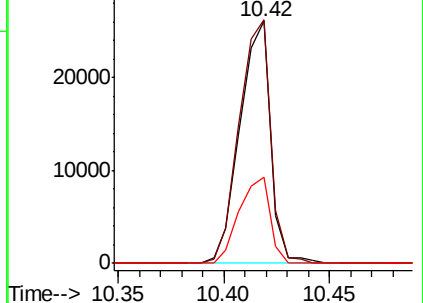
167 35.7 11.0 16.4#



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: BF115123.D

Acq: 22 Jun 2019 16:23

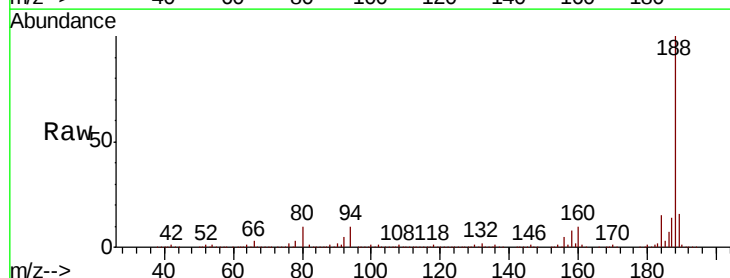
Tgt Ion:188 Resp: 1000886

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

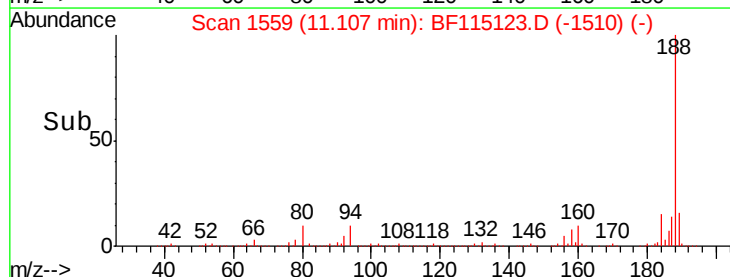
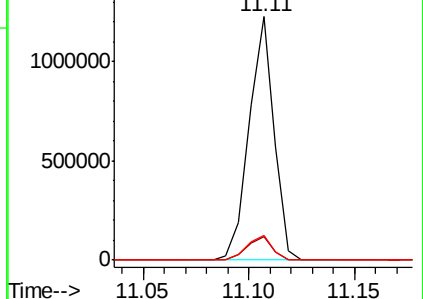
80 10.0 8.8 13.2

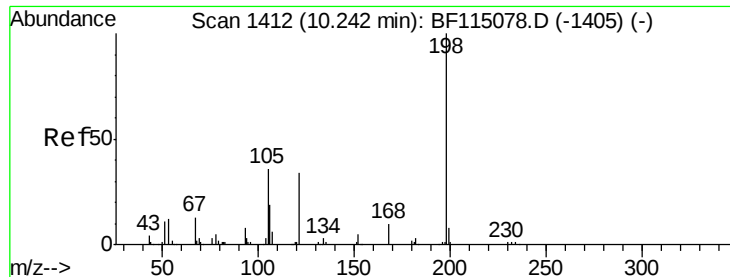


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.151 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.18 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-3

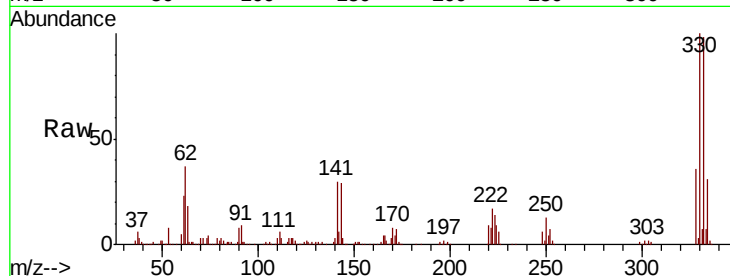
Tot Ion:198 Resp: 1135

Ion Ratio Lower Upper

198 100

51 109.7 11.0 51.0#

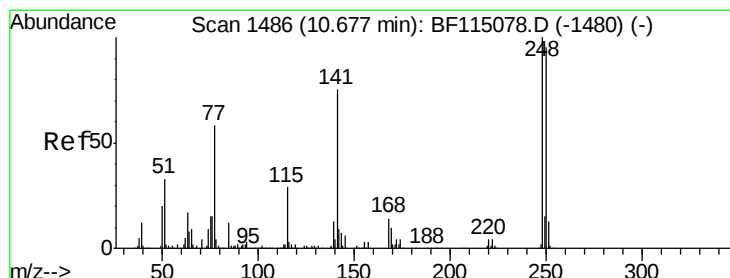
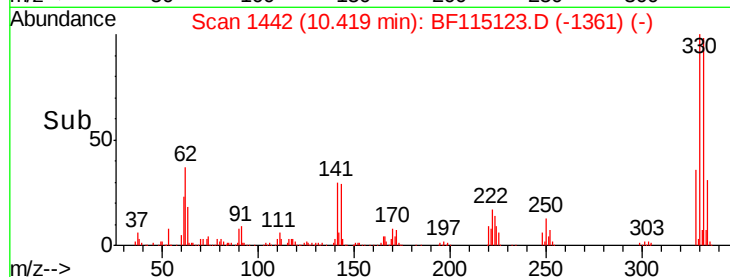
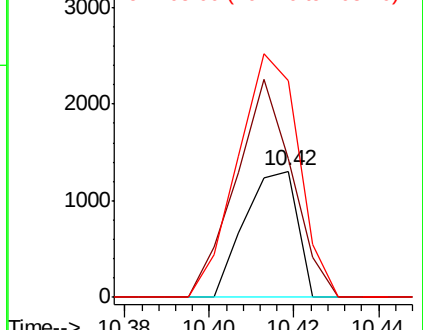
105 171.2 17.3 57.3#



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: 3.281 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.26 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

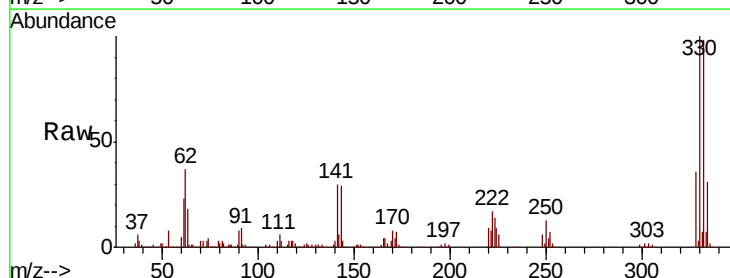
Tgt Ion:248 Resp: 35599

Ion Ratio Lower Upper

248 100

250 196.1 76.2 114.2#

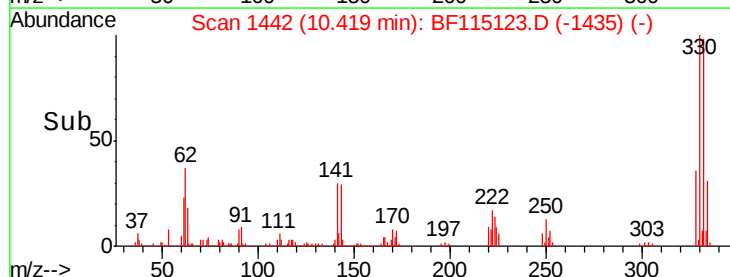
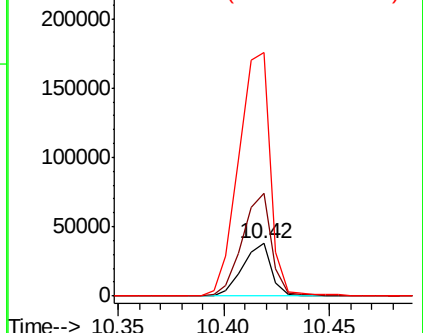
141 463.9 59.6 89.4#

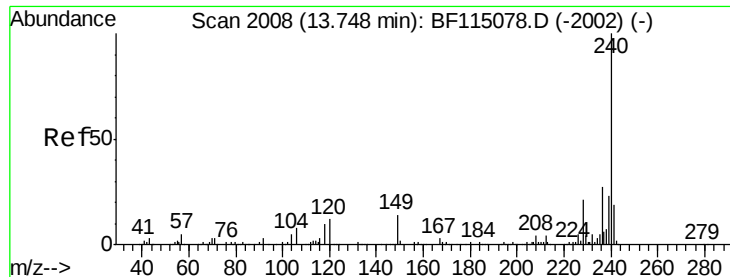


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF115123.D

Acq: 22 Jun 2019 16:23

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-3

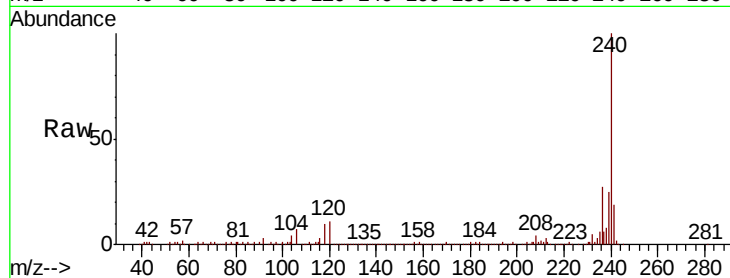
Tot Ion:240 Resp: 645691

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

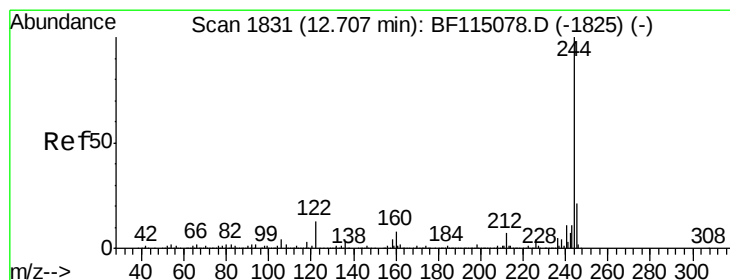
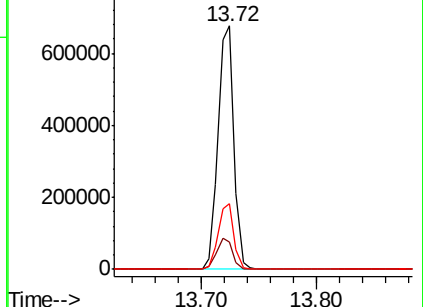
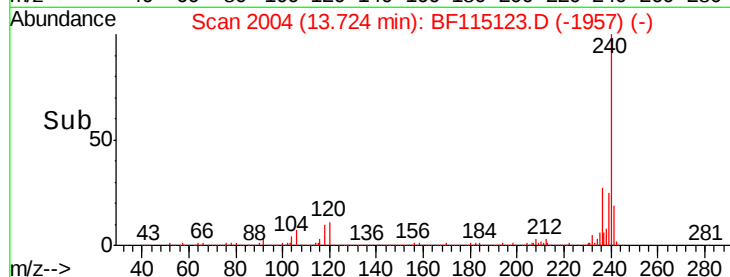
236 27.0 21.7 32.5



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: 83.931 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115123.D

Acq: 22 Jun 2019 16:23

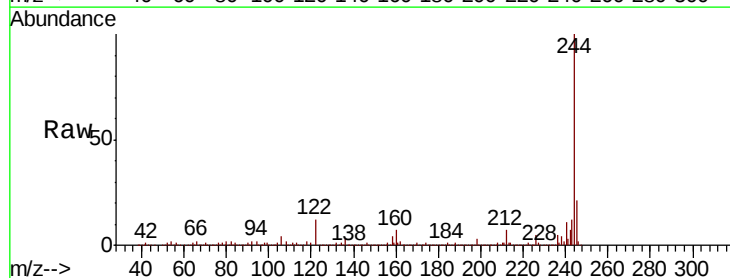
Tgt Ion:244 Resp: 2548886

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

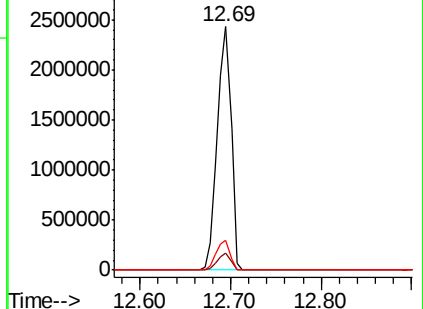
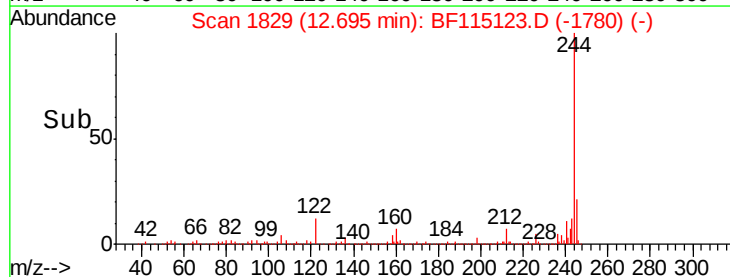
122 12.2 10.4 15.6

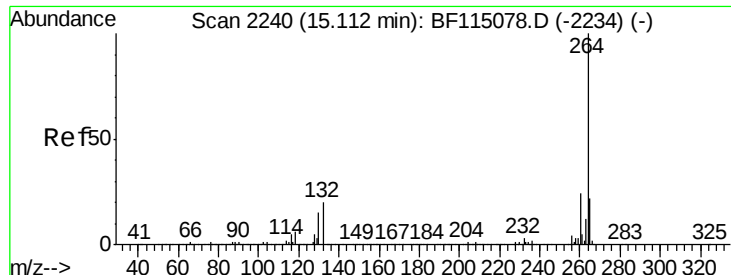


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115123.D
 Acq: 22 Jun 2019 16:23

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.0	17.3	25.9

