

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115116.D
 Acq On : 22 Jun 2019 13:17
 Operator : HP/JU
 Sample : K3447-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1

Quant Time: Jun 24 04:33:53 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

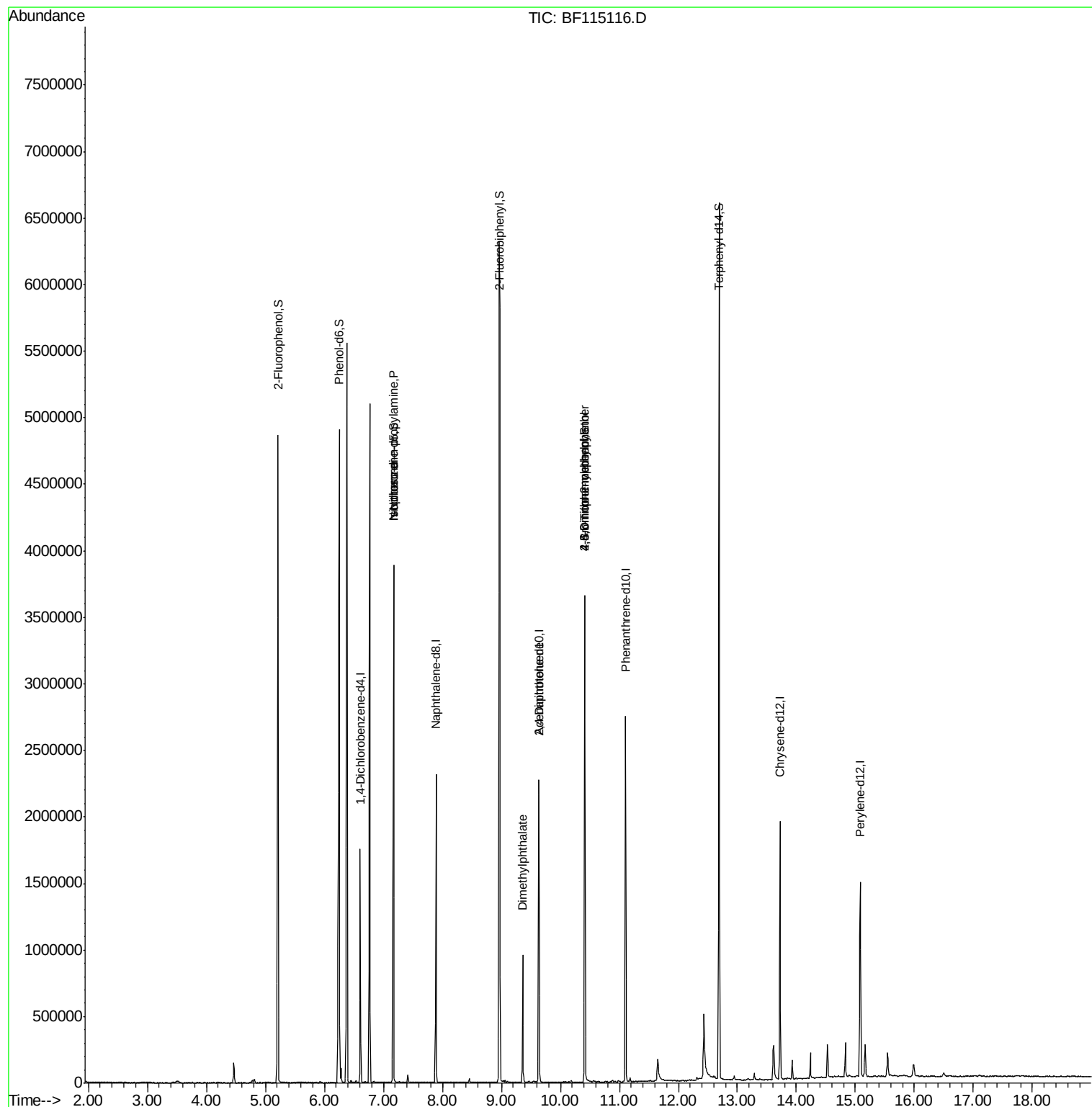
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	259920	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	971939	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	482060	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	951809	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	657577	20.00	ng	-0.02
87) Perylene-d12	15.08	264	574671	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1781863	105.79	ng	0.01
7) Phenol-d6	6.25	99	2249040	110.01	ng	0.00
23) Nitrobenzene-d5	7.17	82	1344005	85.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	452921	89.10	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2207978	77.80	ng	-0.02
79) Terphenyl-d14	12.69	244	2419575	78.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	179360	13.704	ng	# 78
25) Isophorone	7.17	82	1321412	40.826	ng	# 63
50) Dimethylphthalate	9.36	163	346630	9.774	ng	# 99
57) 2,4-Dinitrotoluene	9.63	165	62416	5.904	ng	# 30
58) Fluorene	10.41	166	21507	Below Cal		# 88
65) 4,6-Dinitro-2-methylphenol	10.41	198	1005	5.138	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	28296	2.742	ng	# 1

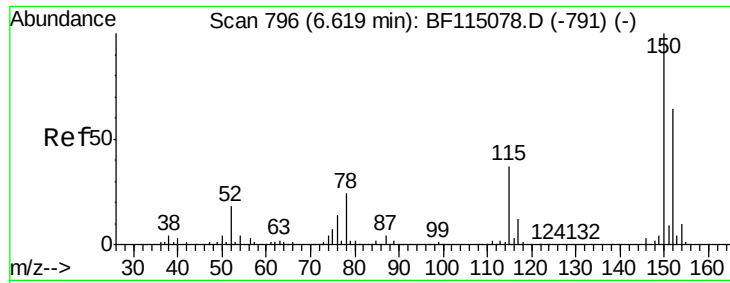
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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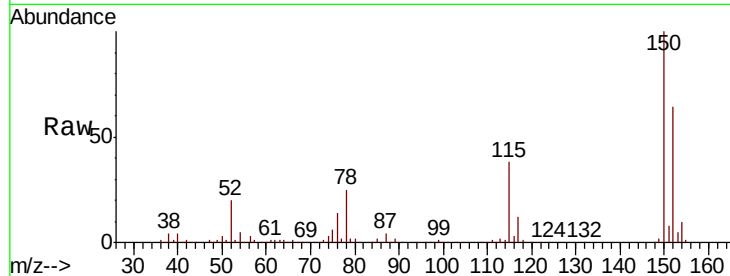


#1

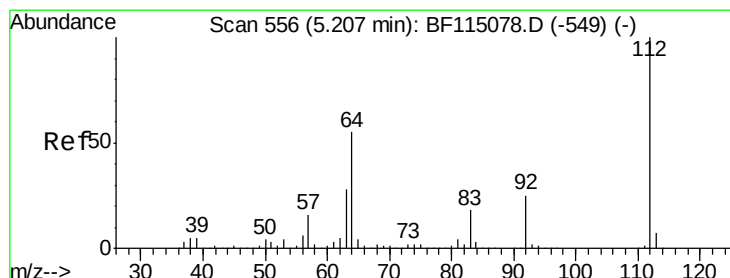
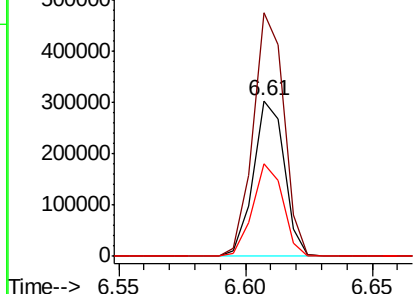
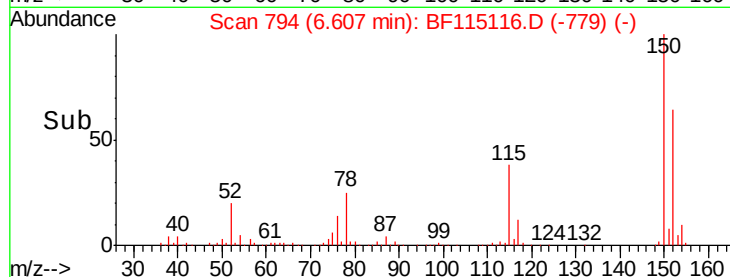
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115116.D
Acq: 22 Jun 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1

Tot Ion:152 Resp: 259920
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 59.7 46.1 69.1



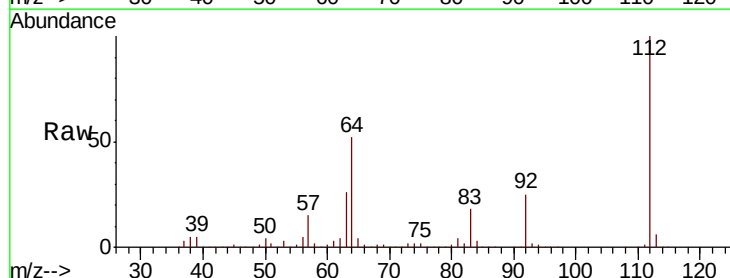
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



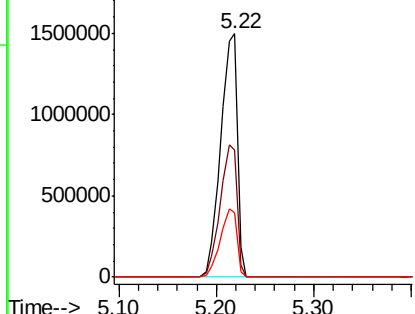
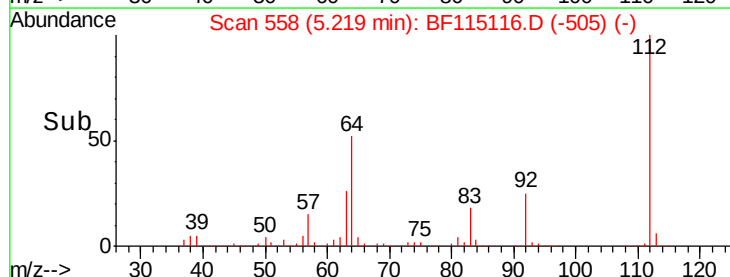
#5

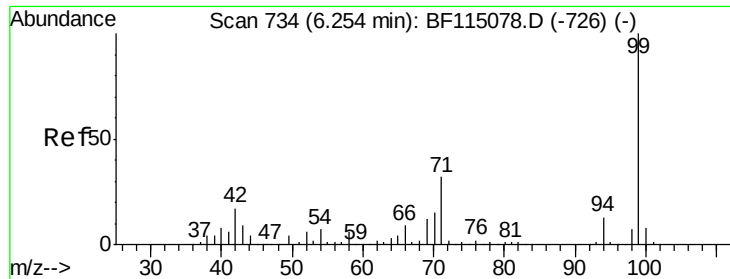
2-Fluorophenol
Concen: 105.791 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115116.D
Acq: 22 Jun 2019 13:17

Tgt Ion:112 Resp: 1781863
Ion Ratio Lower Upper
112 100
64 52.0 43.8 65.6
63 26.3 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: 110.012 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1

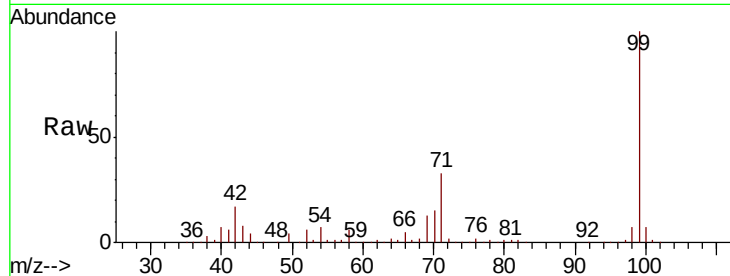
Tot Ion: 99 Resp: 2249040

Ion Ratio Lower Upper

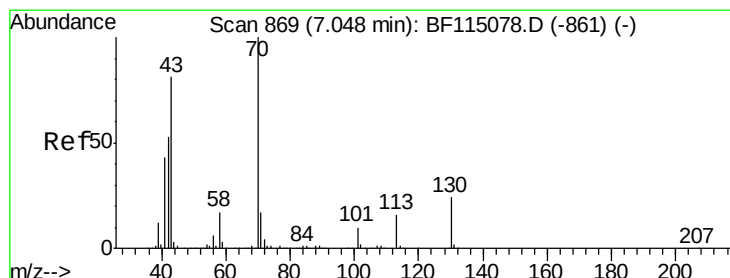
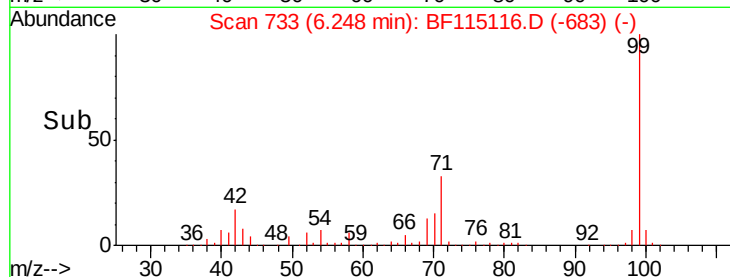
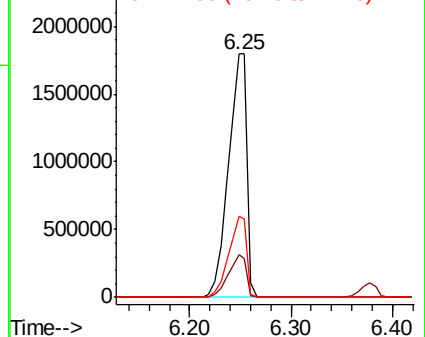
99 100

42 17.4 13.6 20.4

71 33.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.704 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

Tgt Ion: 70 Resp: 179360

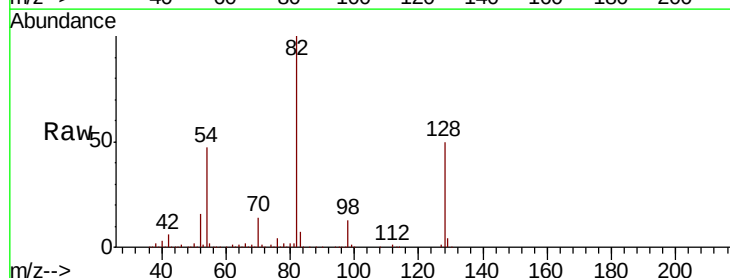
Ion Ratio Lower Upper

70 100

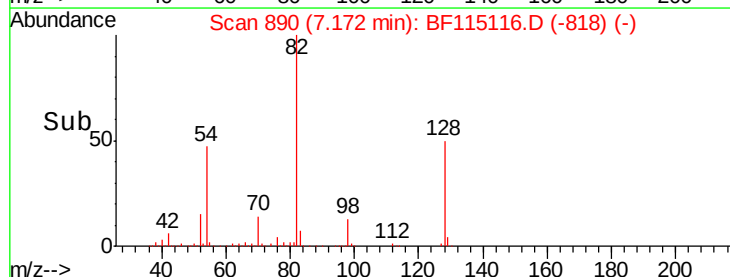
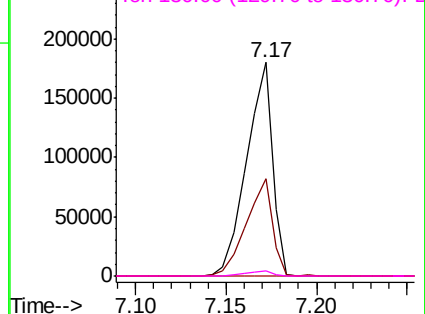
42 45.5 42.6 63.8

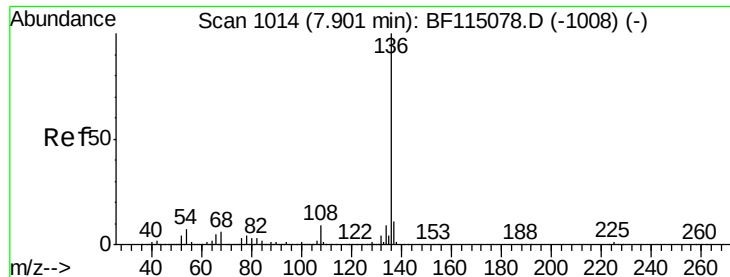
101 0.0 8.0 12.0#

130 2.7 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

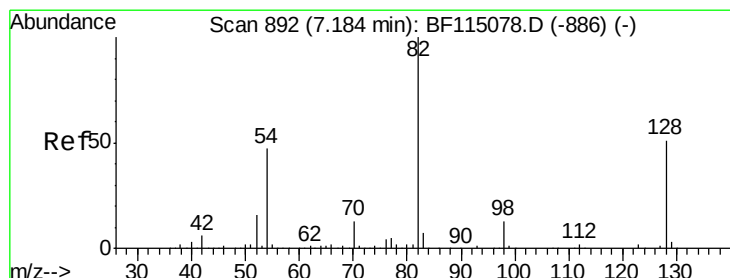
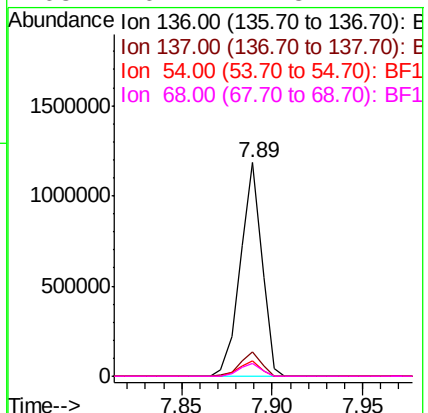
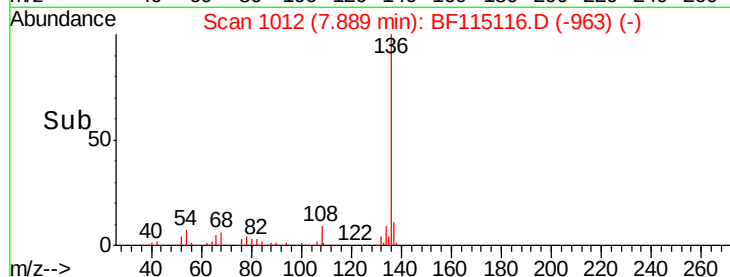
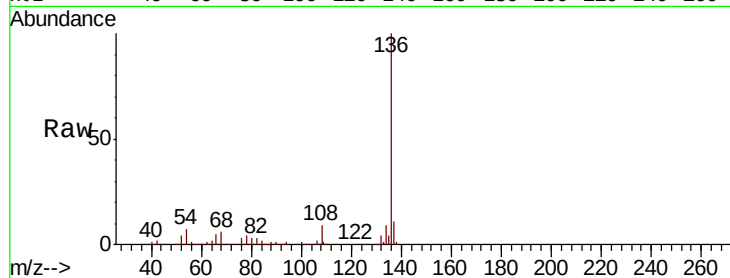




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115116.D
Acq: 22 Jun 2019 13:17

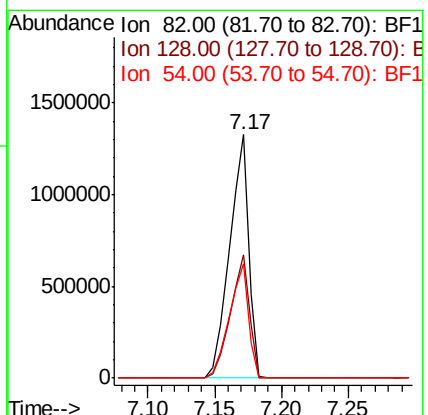
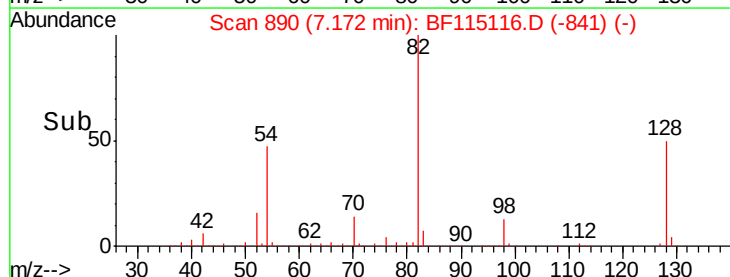
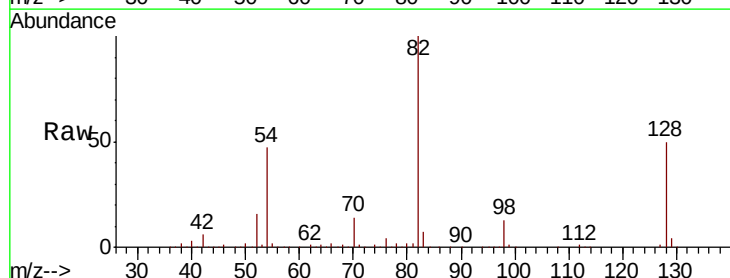
Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1

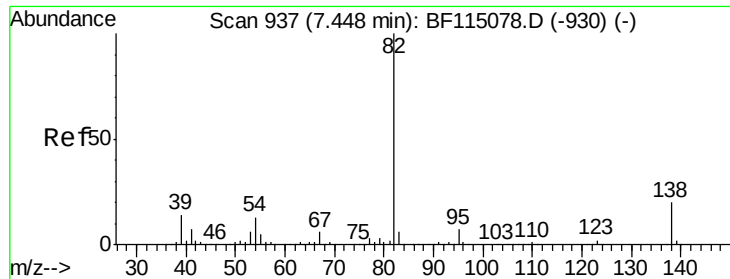
Tot Ion:136	Resp:	971939
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.9	13.3
54 7.0	5.6	8.4
68 6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 85.064 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115116.D
Acq: 22 Jun 2019 13:17

Tgt Ion: 82	Resp: 1344005
Ion Ratio	Lower Upper
82 100	
128 50.4	40.4 60.6
54 47.2	37.5 56.3





#25

Isophorone

Concen: 40.826 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1

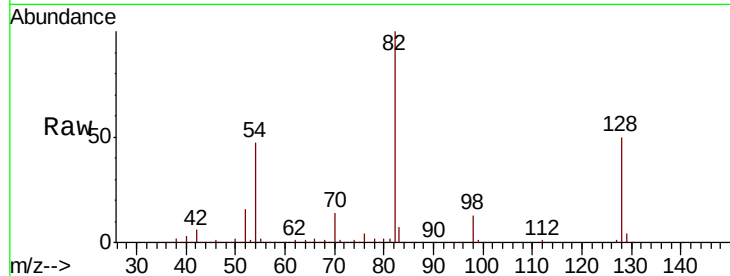
Tot Ion: 82 Resp: 1321412

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

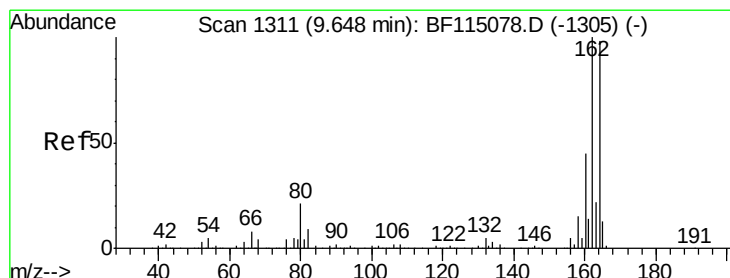
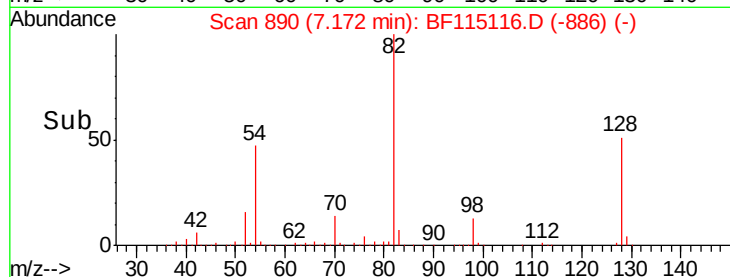
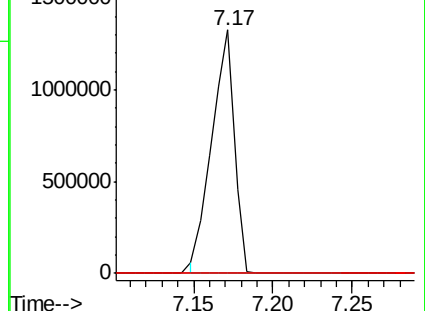
138 0.0 15.9 23.9#



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: BF115116.D

Acq: 22 Jun 2019 13:17

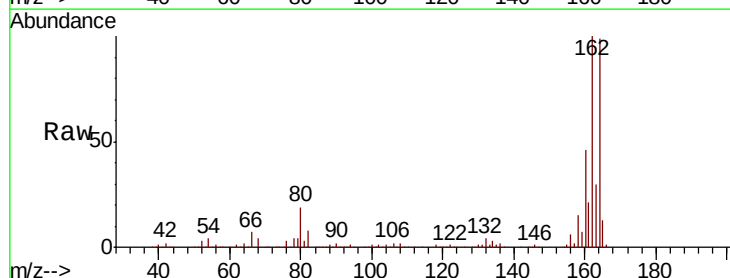
Tgt Ion:164 Resp: 482060

Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

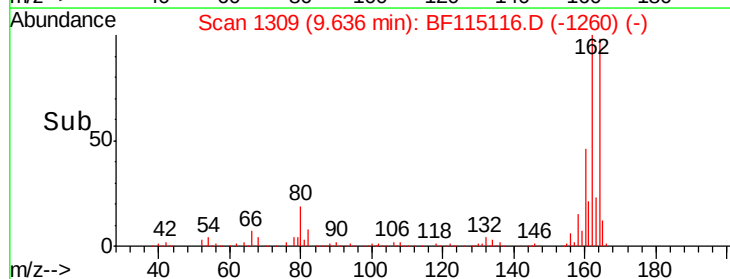
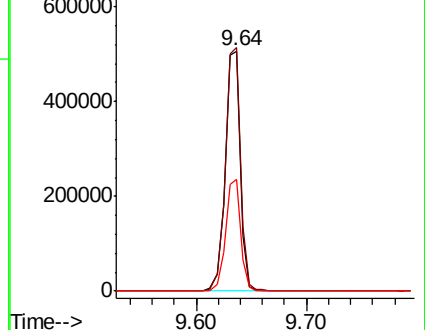
160 46.7 37.0 55.4

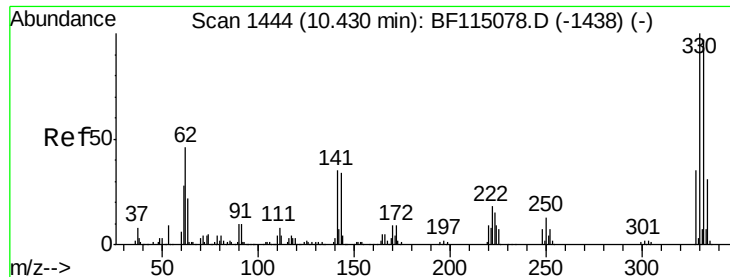


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 89.096 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1

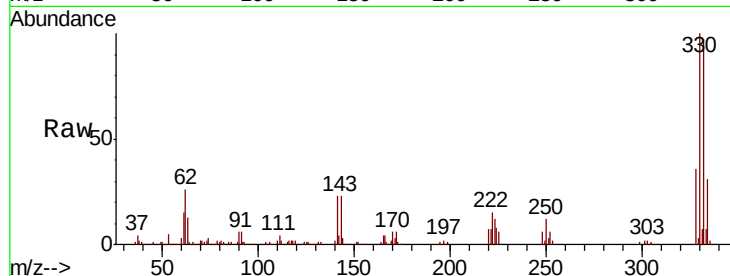
Tot Ion:330 Resp: 452921

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

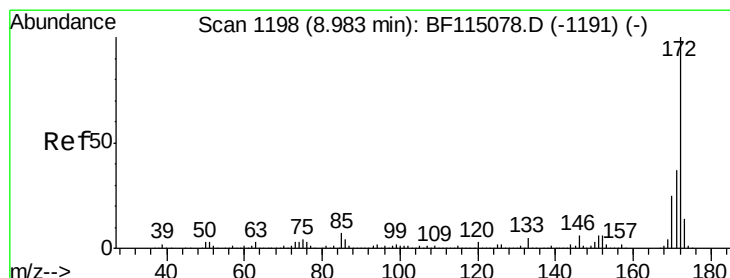
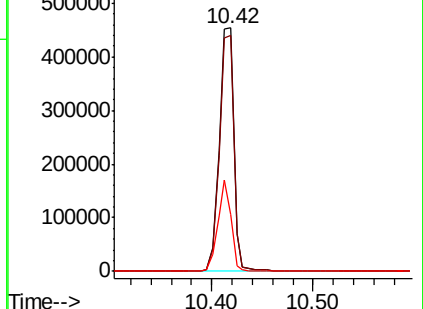
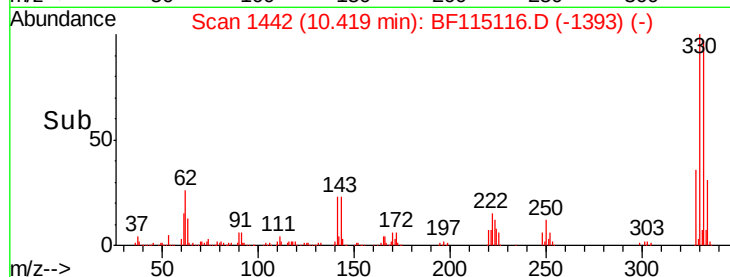
141 33.7 28.2 42.2



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: 77.802 ng

RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

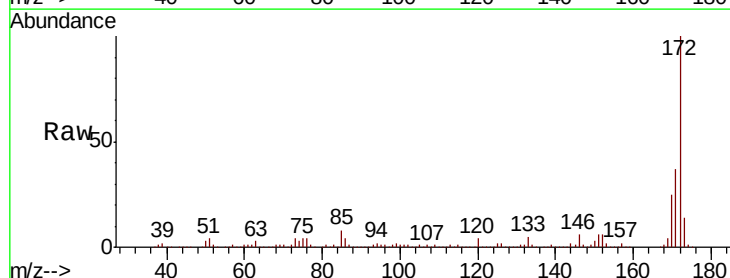
Tgt Ion:172 Resp: 2207978

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

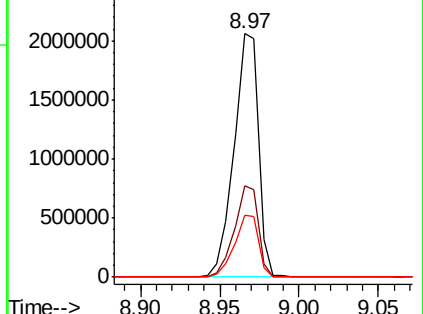
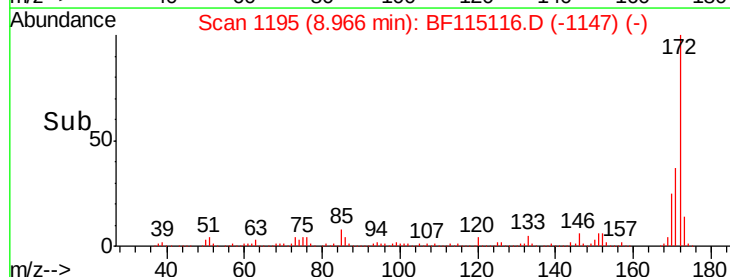
170 25.5 20.3 30.5

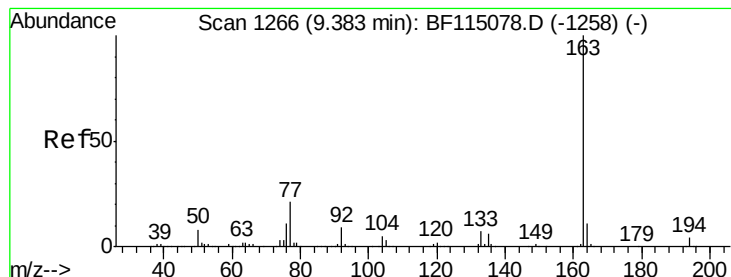


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.774 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1

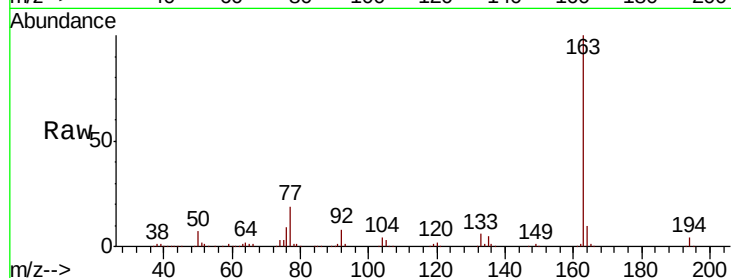
Tot Ion:163 Resp: 346630

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

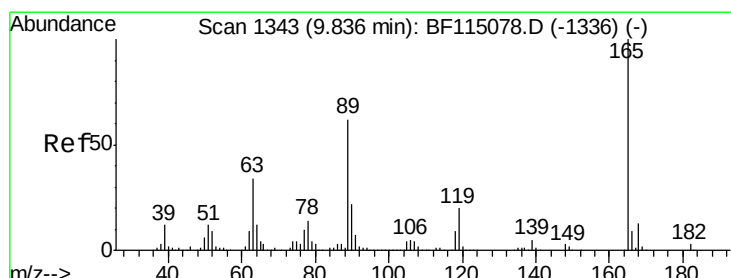
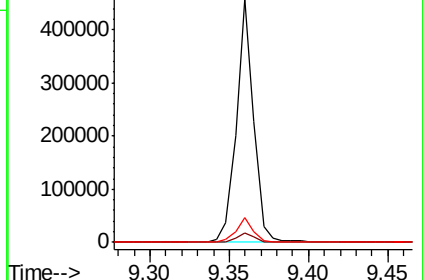
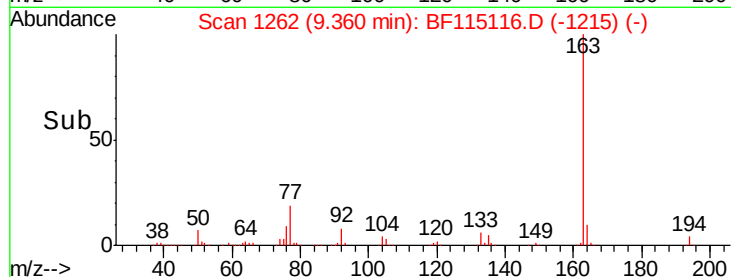
164 10.3 8.6 13.0



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: 5.904 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.21 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

Tgt Ion:165 Resp: 62416

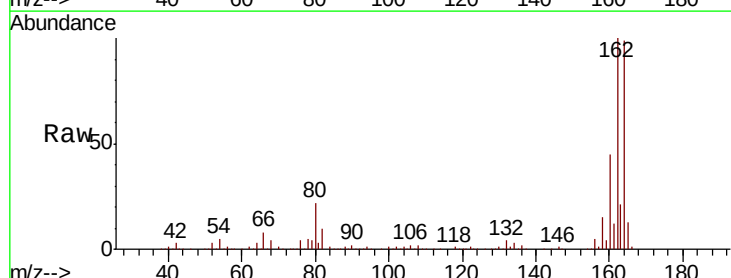
Ion Ratio Lower Upper

165 100

63 1.3 27.5 41.3#

89 1.2 49.9 74.9#

182 0.0 2.1 3.1#

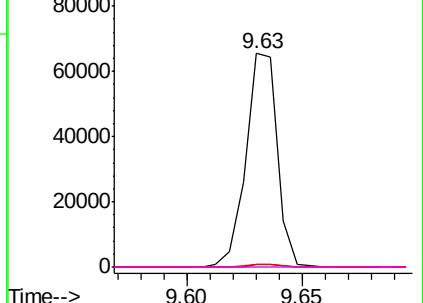
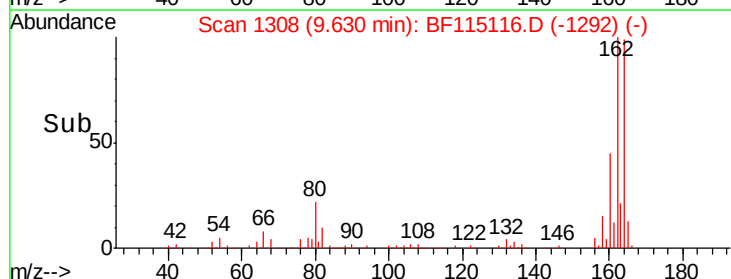


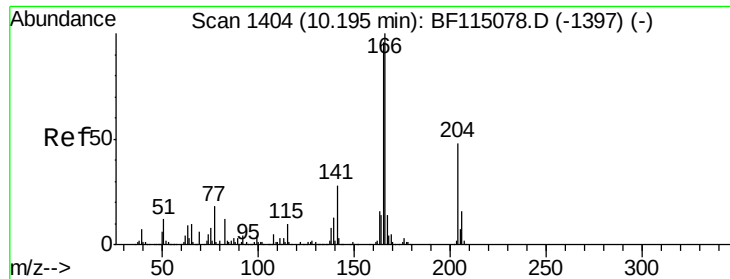
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.41 min Scan# 1441

Delta R.T. 0.22 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1

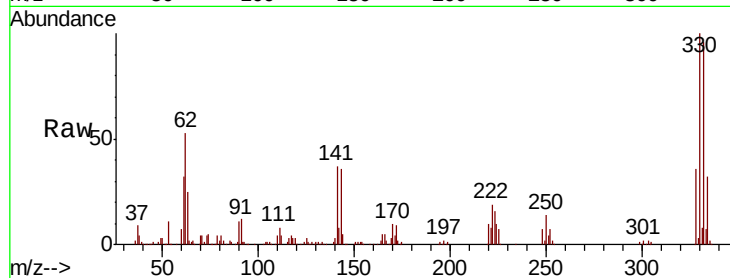
Tot Ion:166 Resp: 21507

Ion Ratio Lower Upper

166 100

165 101.2 76.5 114.7

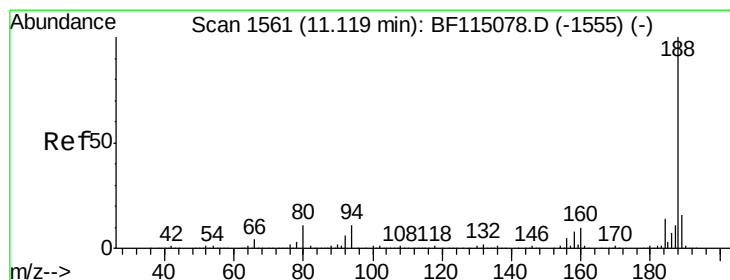
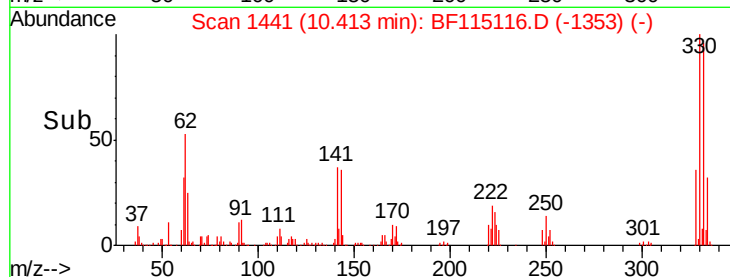
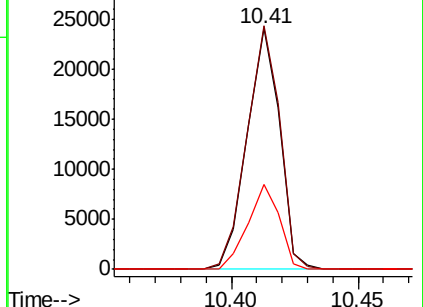
167 35.2 11.0 16.4#



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: BF115116.D

Acq: 22 Jun 2019 13:17

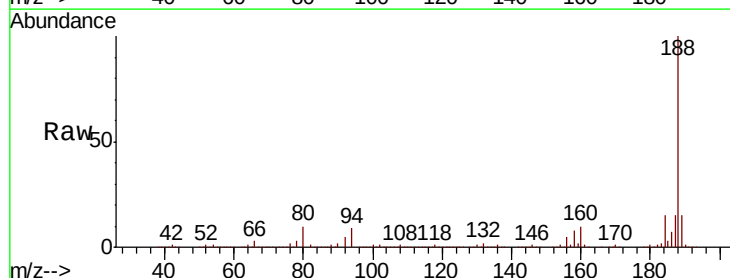
Tgt Ion:188 Resp: 951809

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

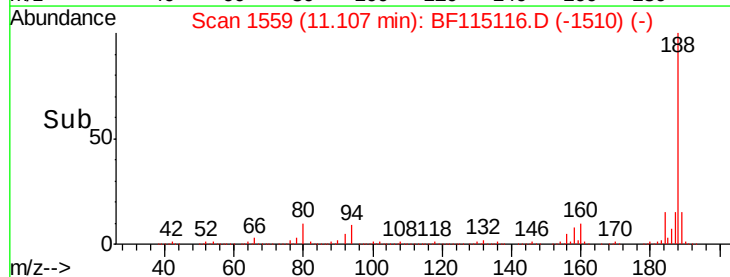
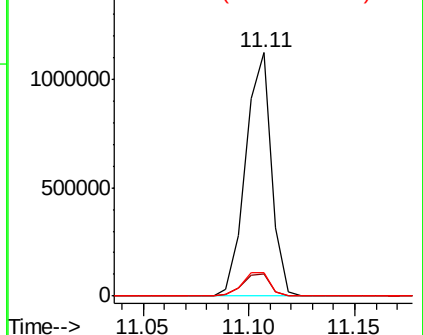
80 9.6 8.8 13.2

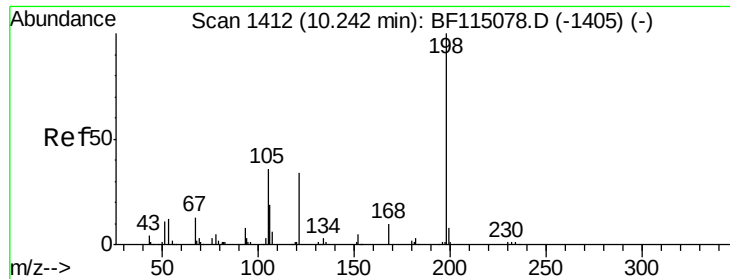


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.138 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.17 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-1

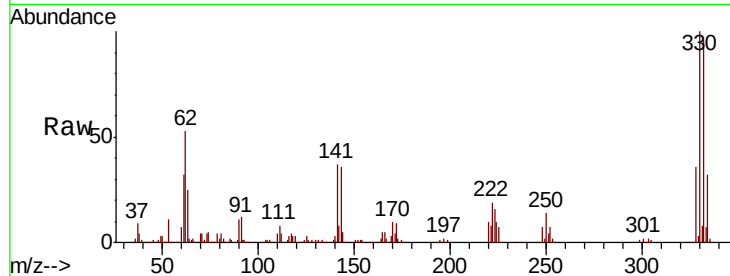
Tot Ion:198 Resp: 1005

Ion Ratio Lower Upper

198 100

51 161.7 11.0 51.0#

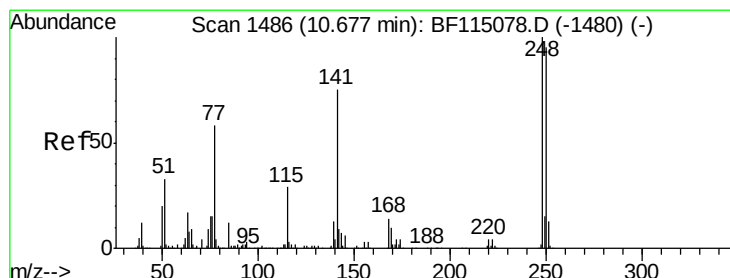
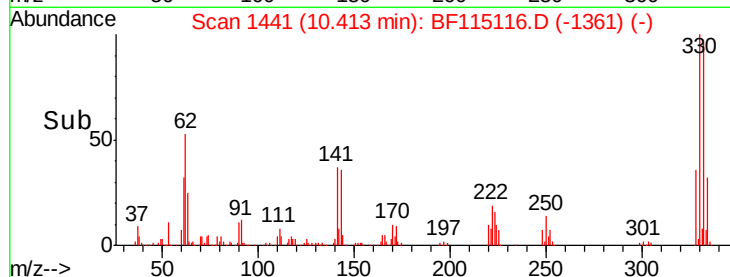
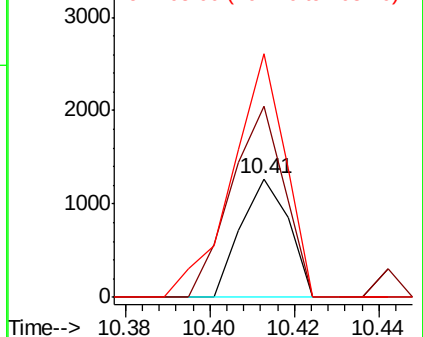
105 206.0 17.3 57.3#



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: 2.742 ng

RT: 10.41 min Scan# 1441

Delta R.T. -0.26 min

Lab File: BF115116.D

Acq: 22 Jun 2019 13:17

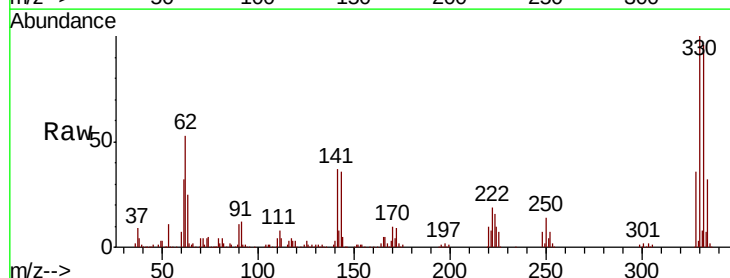
Tgt Ion:248 Resp: 28296

Ion Ratio Lower Upper

248 100

250 209.6 76.2 114.2#

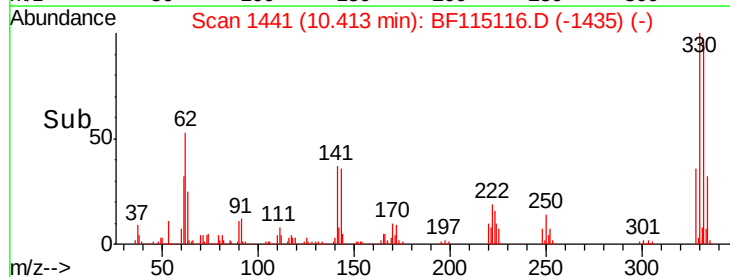
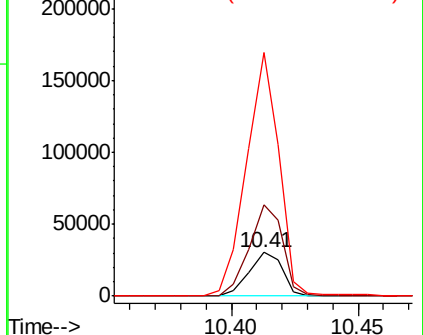
141 556.9 59.6 89.4#

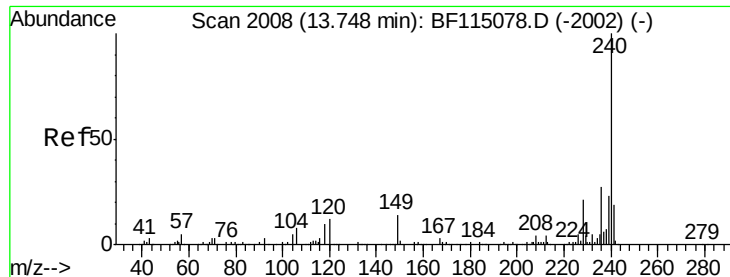


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

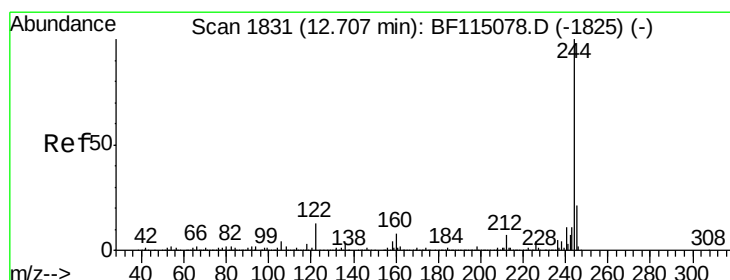
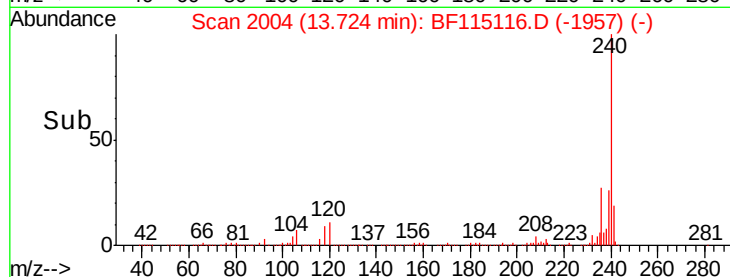
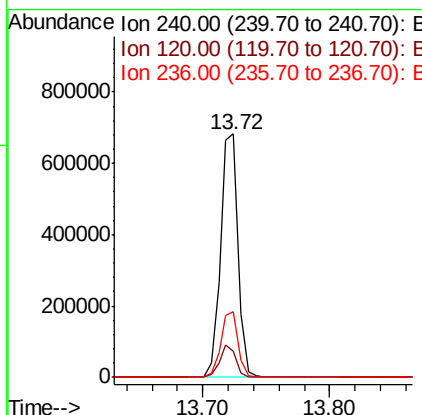
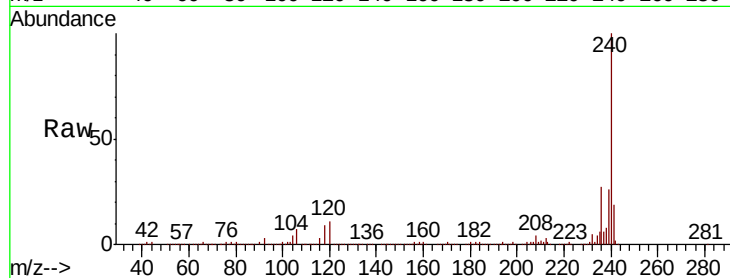




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115116.D
 Acq: 22 Jun 2019 13:17

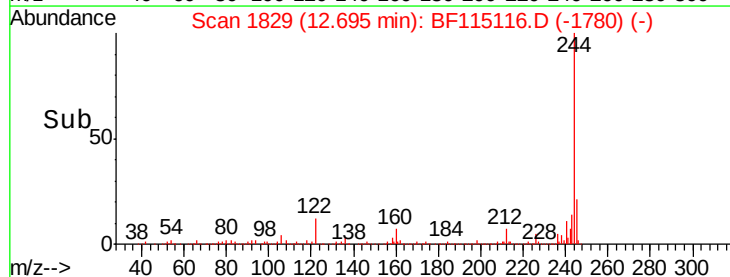
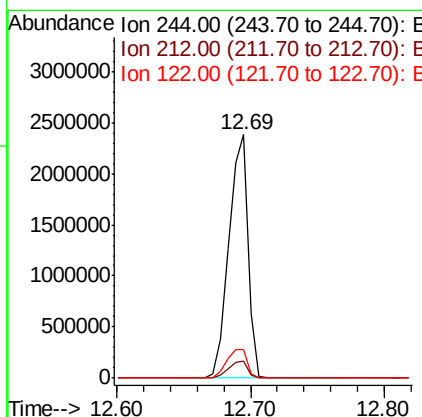
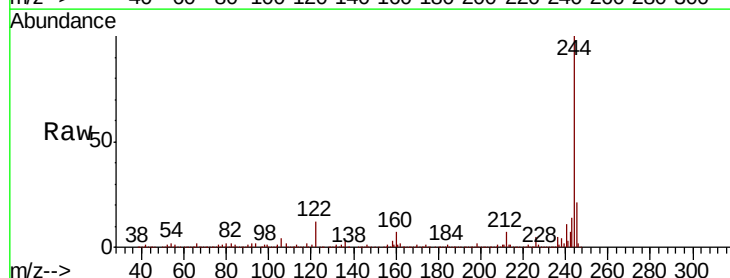
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-1

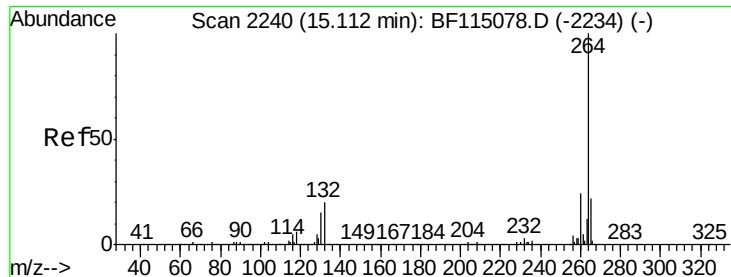
Tot Ion:240 Resp: 657577
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.4 14.2
 236 27.0 21.7 32.5



#79
 Terphenyl-d14
 Concen: 78.233 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115116.D
 Acq: 22 Jun 2019 13:17

Tgt Ion:244 Resp: 2419575
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.8 10.4 15.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115116.D
Acq: 22 Jun 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1

Tot Ion:264 Resp: 574671

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.1	17.3	25.9

