

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115158.D
 Acq On : 24 Jun 2019 20:21
 Operator : HP/JU
 Sample : K3447-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JUNCTION

Quant Time: Jun 25 07:41:44 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

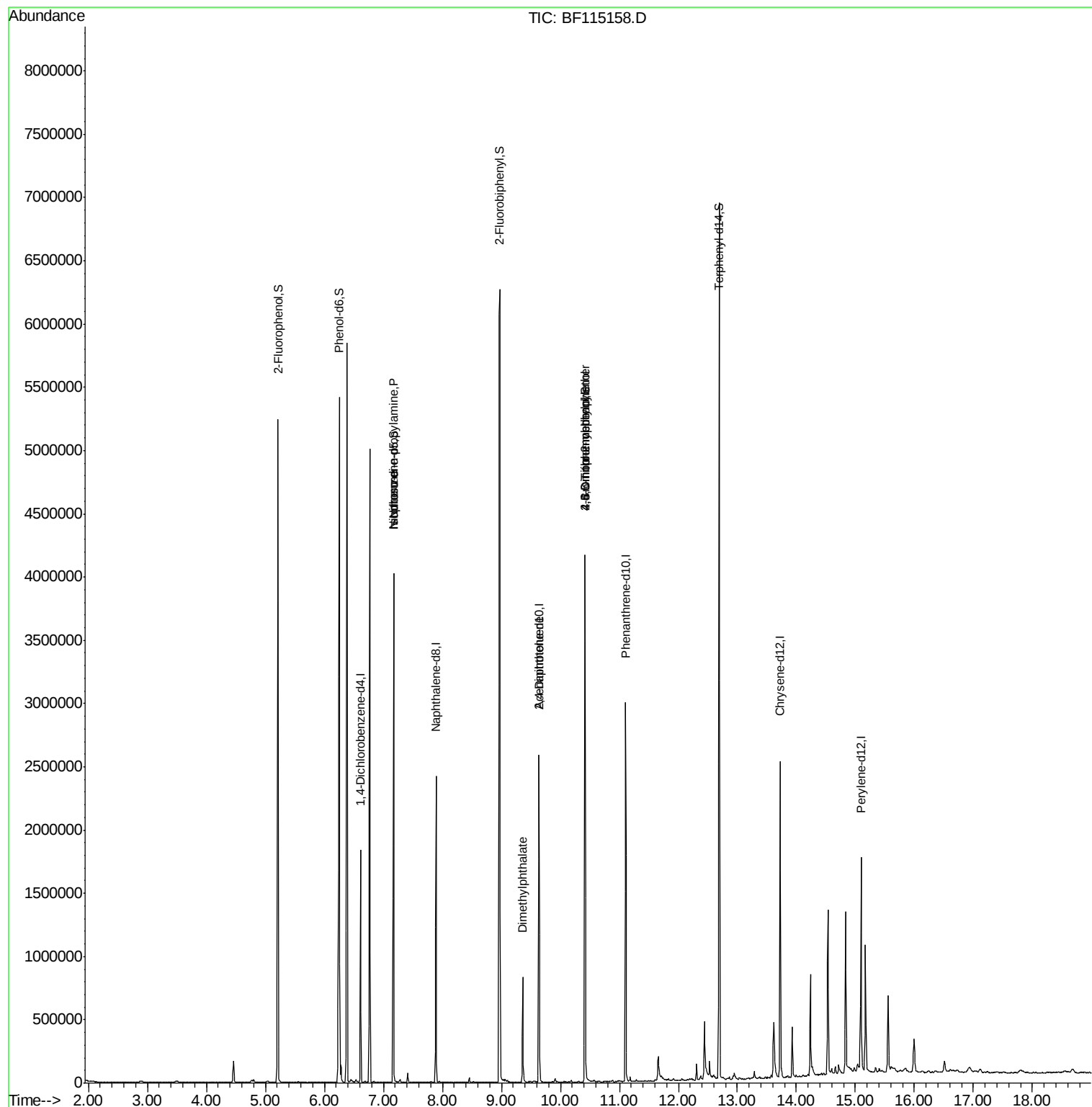
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	262587	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	986228	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	493904	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	983872	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	778147	20.00	ng	-0.02
87) Perylene-d12	15.09	264	670528	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1786792	105.01	ng	0.00
7) Phenol-d6	6.25	99	2154173	104.30	ng	0.00
23) Nitrobenzene-d5	7.17	82	1294470	80.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	539547	103.59	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2181885	75.04	ng	-0.01
79) Terphenyl-d14	12.69	244	2434913	66.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	172966	13.081	ng	# 77
25) Isophorone	7.17	82	1283277	39.073	ng	# 63
50) Dimethylphthalate	9.36	163	332789	9.158	ng	# 99
57) 2,4-Dinitrotoluene	9.64	165	63311	5.845	ng	# 30
58) Fluorene	10.18	166	810	Below Cal		# 68
65) 4,6-Dinitro-2-methylphenol	10.42	198	1171	5.160	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	34276	3.213	ng	# 1

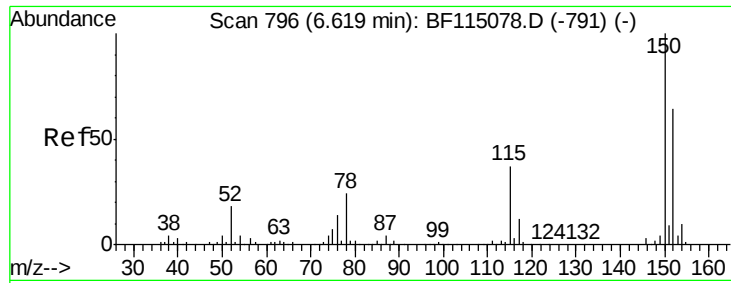
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115158.D
Acq On : 24 Jun 2019 20:21
Operator : HP/JU
Sample : K3447-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Quant Time: Jun 25 07:41:44 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



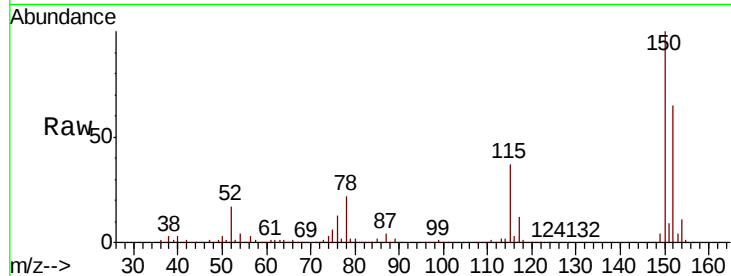


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	56.5	46.1	69.1

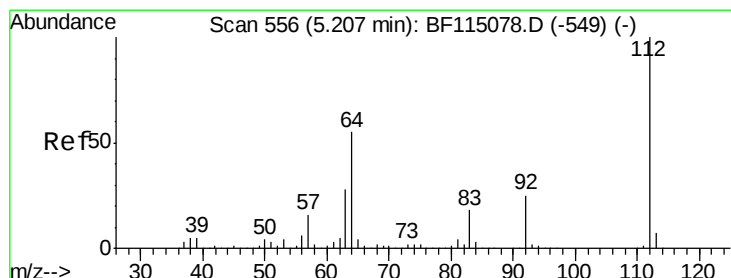
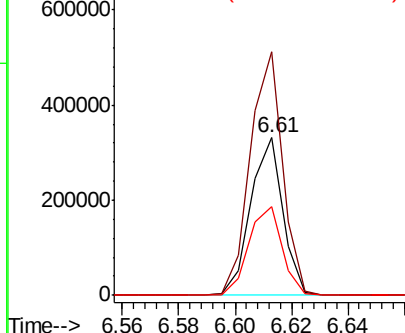
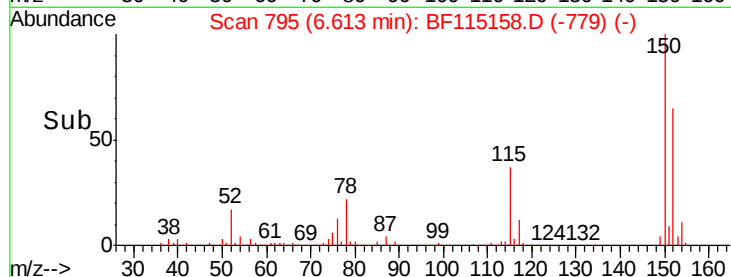


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

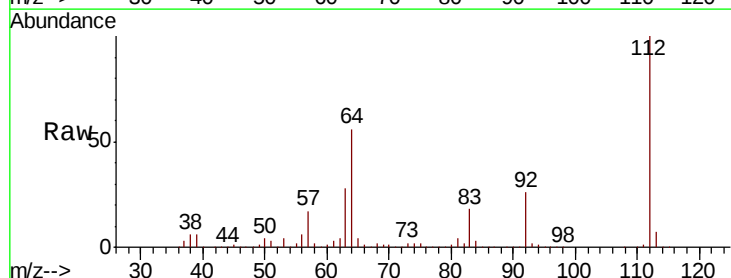
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.006 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.8	65.6
63	28.3	22.2	33.4

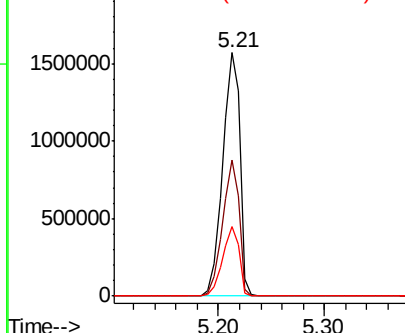
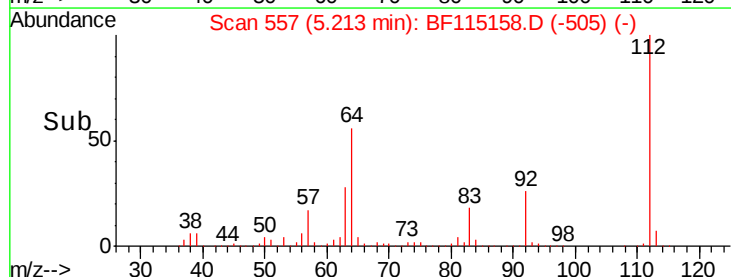


Abundance

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: 104.301 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115158.D

Acq: 24 Jun 2019 20:21

Instrument :

BNA_F

ClientSampled :

JUNCTION

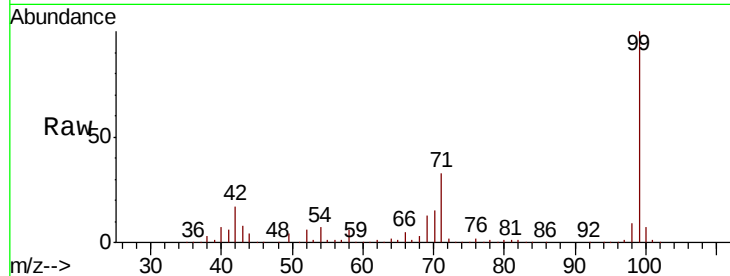
Tot Ion: 99 Resp: 2154173

Ion Ratio Lower Upper

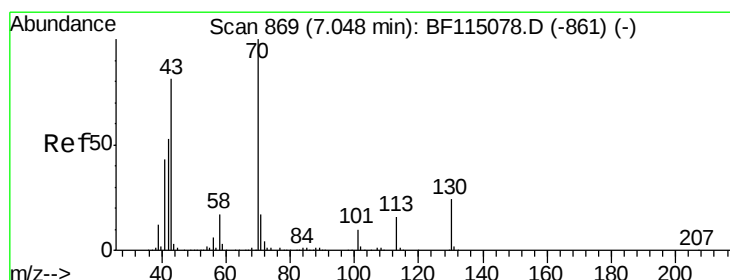
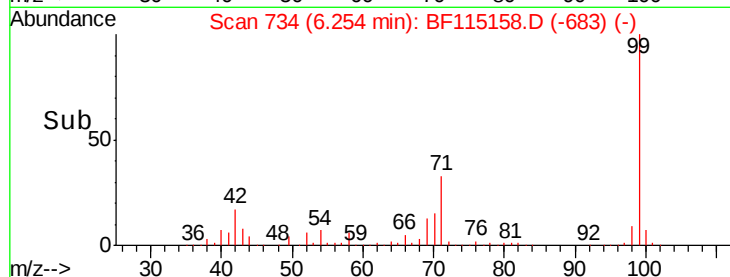
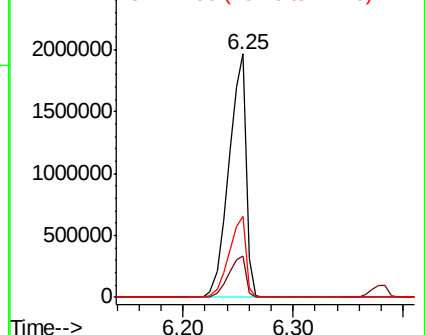
99 100

42 16.9 13.6 20.4

71 33.2 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: 13.081 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115158.D

Acq: 24 Jun 2019 20:21

Tgt Ion: 70 Resp: 172966

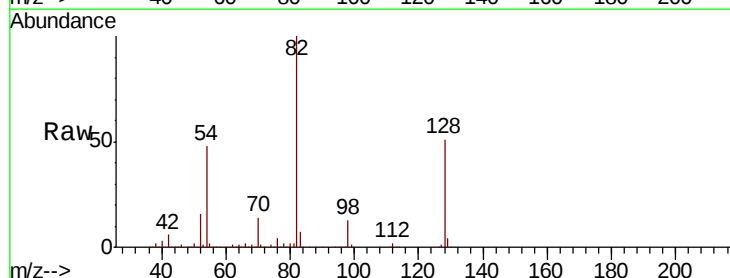
Ion Ratio Lower Upper

70 100

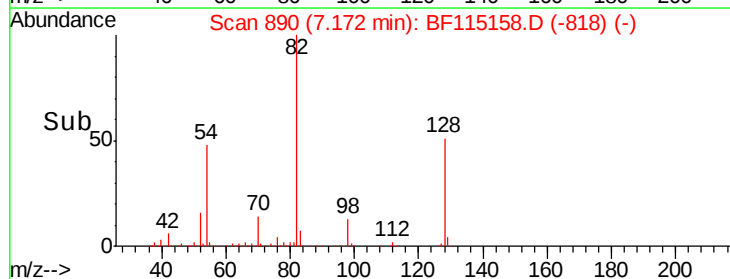
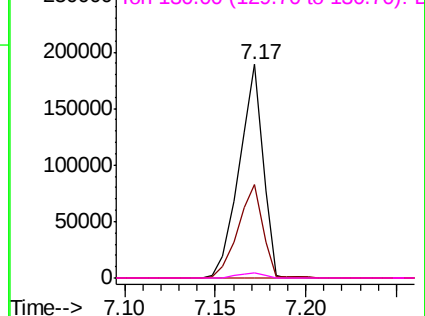
42 43.8 42.6 63.8

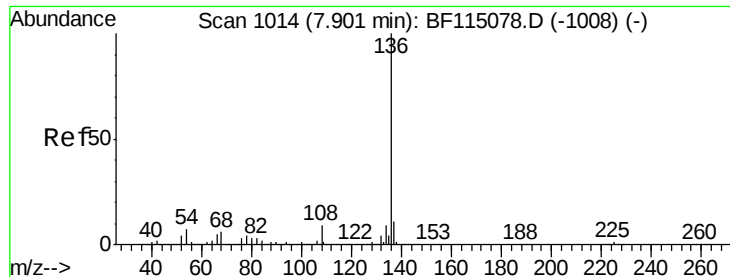
101 0.0 8.0 12.0#

130 2.6 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): E
Ion 130.00 (129.70 to 130.70): E

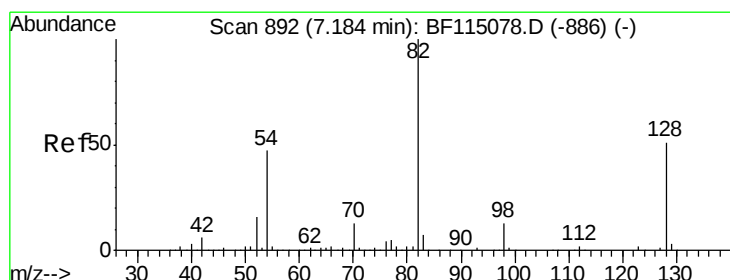
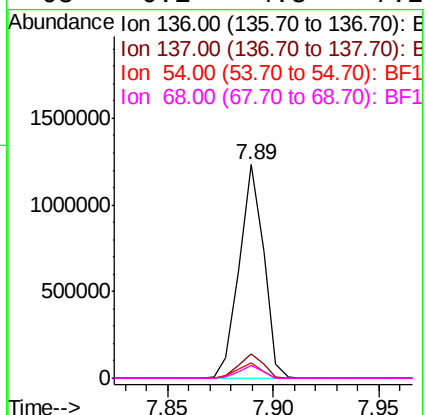
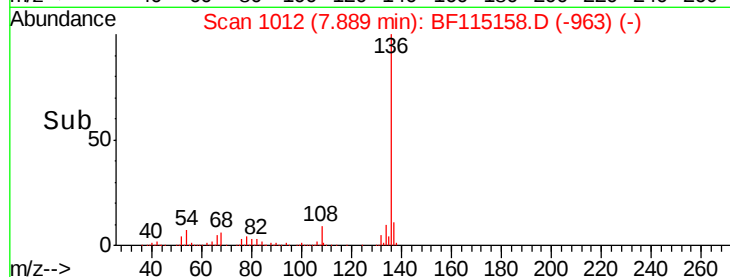
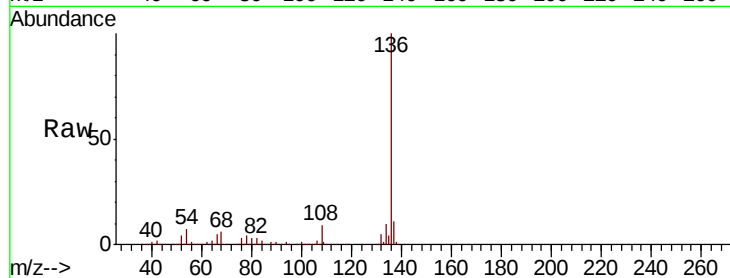




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

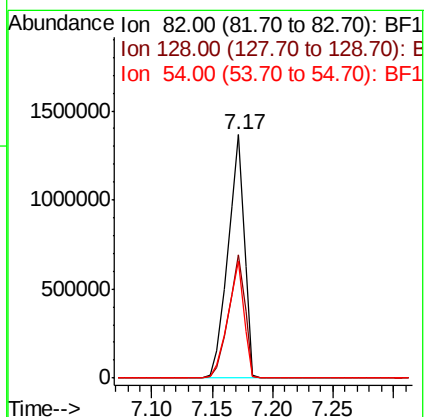
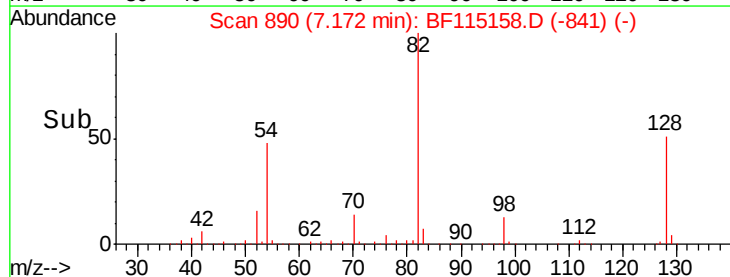
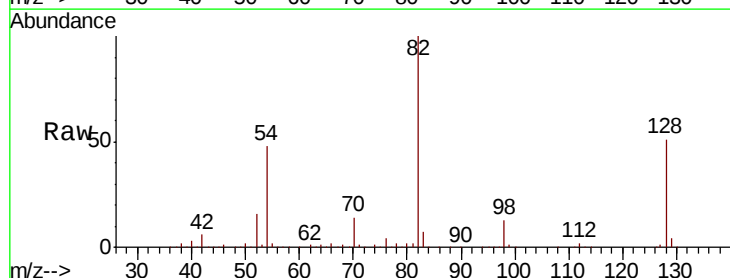
Instrument :
BNA_F
ClientSampleId :
JUNCTION

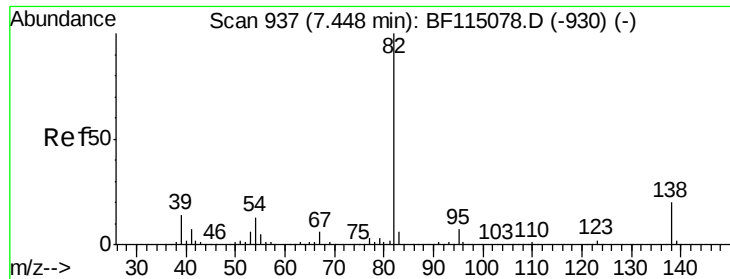
Tot Ion:136	Resp:	986228
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.9	13.3
54 7.2	5.6	8.4
68 6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.742 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion: 82	Resp: 1294470
Ion Ratio	Lower Upper
82 100	
128 50.6	40.4 60.6
54 47.9	37.5 56.3





#25

Isophorone

Concen: 39.073 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115158.D

Acq: 24 Jun 2019 20:21

Instrument :

BNA_F

ClientSampleId :

JUNCTION

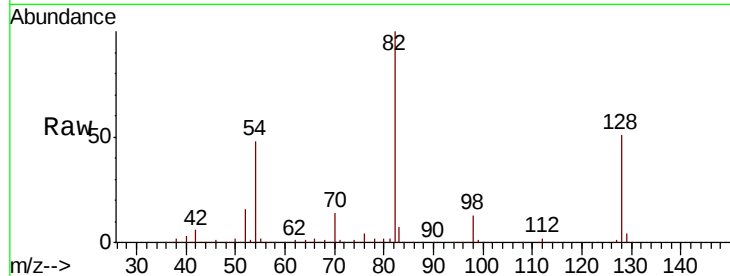
Tot Ion: 82 Resp: 1283277

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

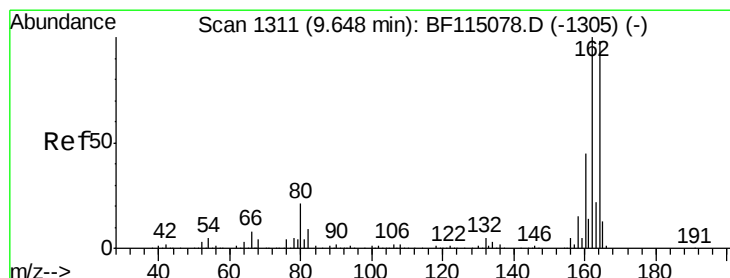
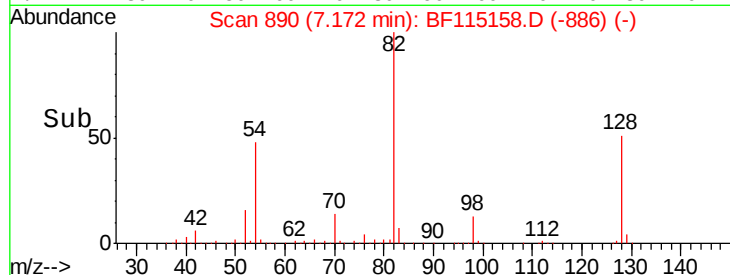
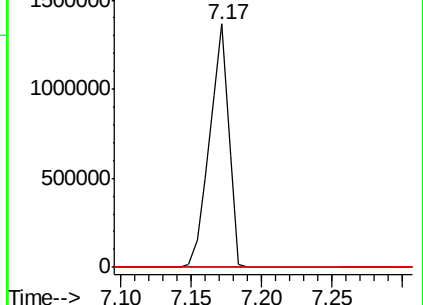
138 0.0 15.9 23.9#



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: BF115158.D

Acq: 24 Jun 2019 20:21

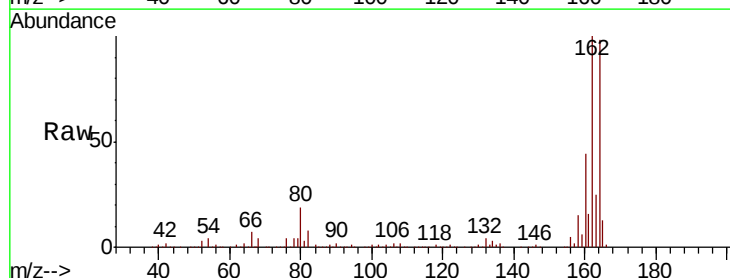
Tgt Ion:164 Resp: 493904

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

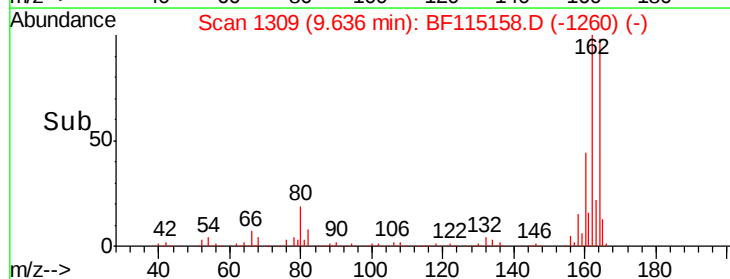
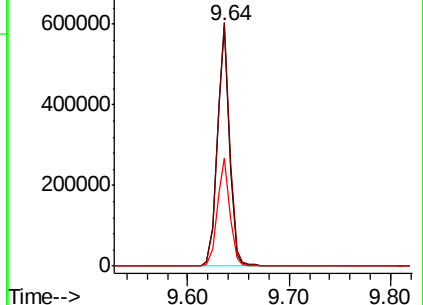
160 45.0 37.0 55.4



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

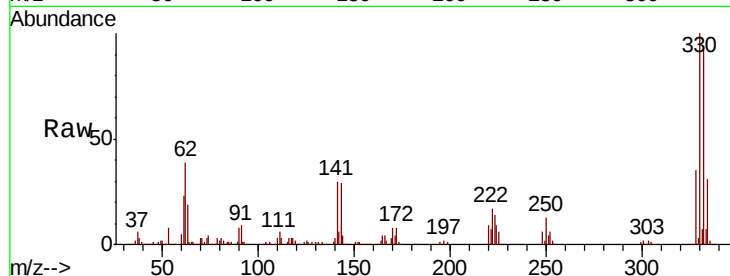




#42
 2,4,6-Tribromophenol
 Concen: 103.592 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115158.D
 Acq: 24 Jun 2019 20:21

Instrument :
 BNA_F
 ClientSampleId :
 JUNCTION

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.0	28.2	42.2

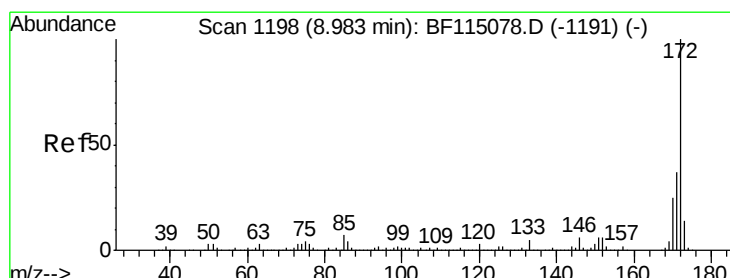
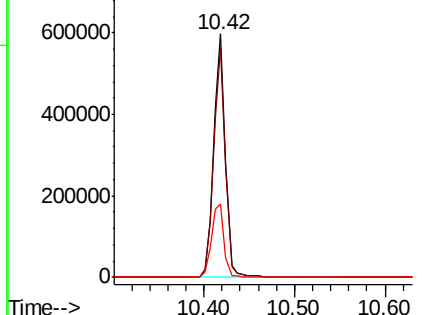
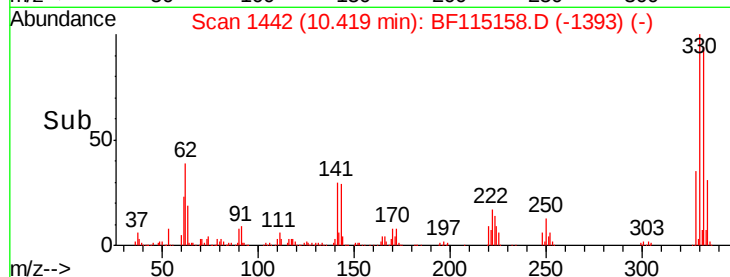


Abundance

Ion 329.80 (329.50 to 330.50): E

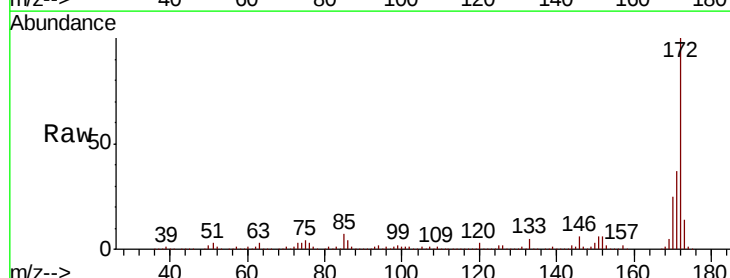
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.039 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115158.D
 Acq: 24 Jun 2019 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.2	20.3	30.5

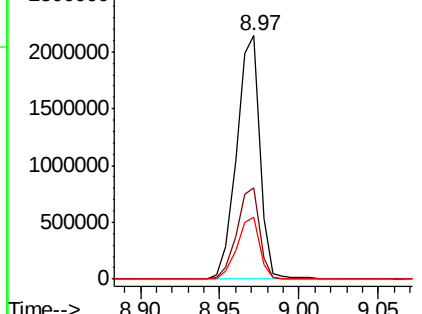
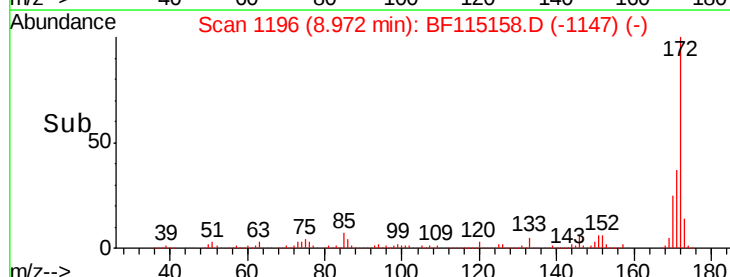


Abundance

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

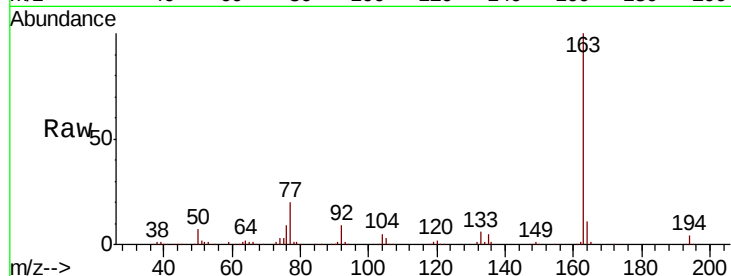




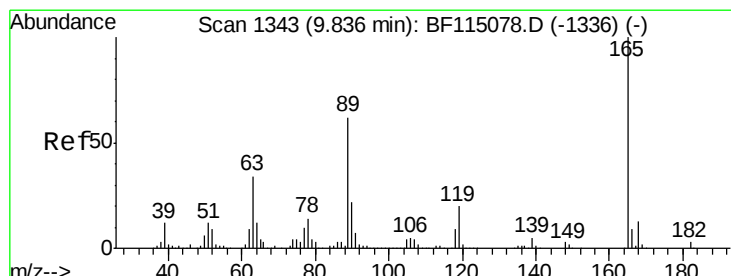
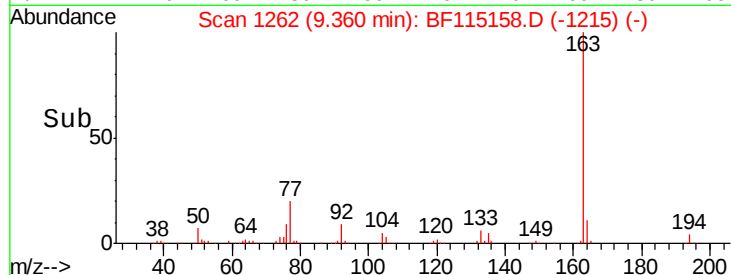
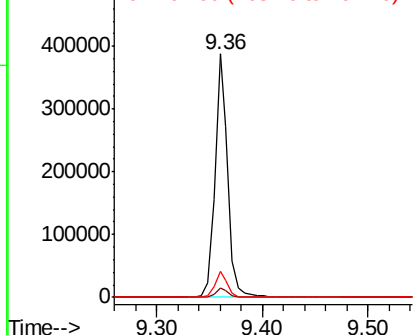
#50
Dimethylphthalate
Concen: 9.158 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.6	8.6	13.0



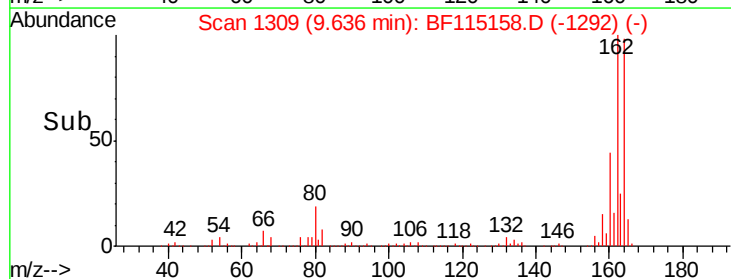
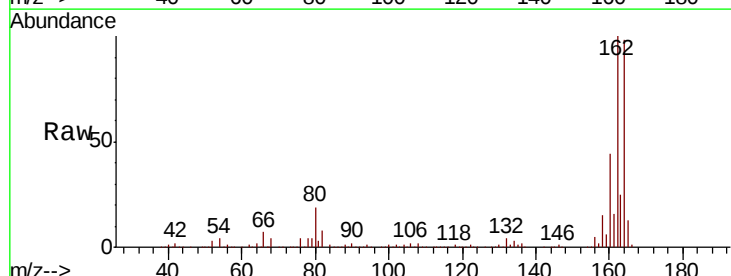
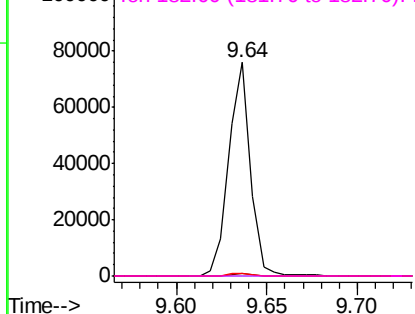
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

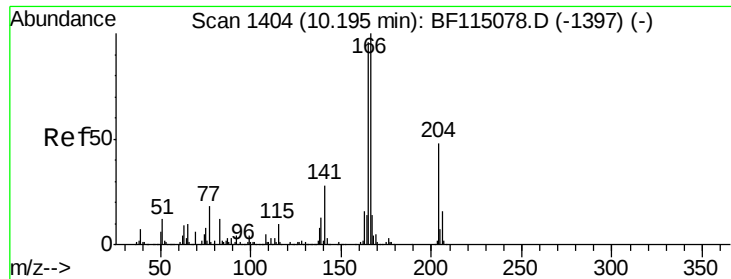


#57
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.1	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

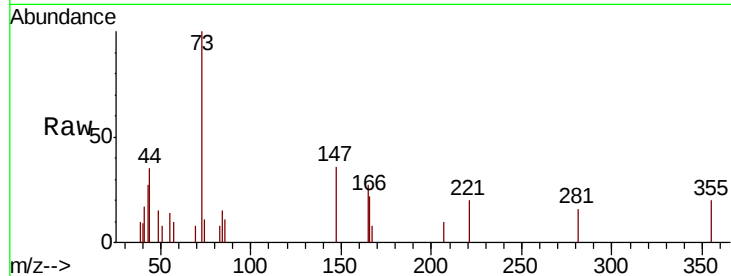




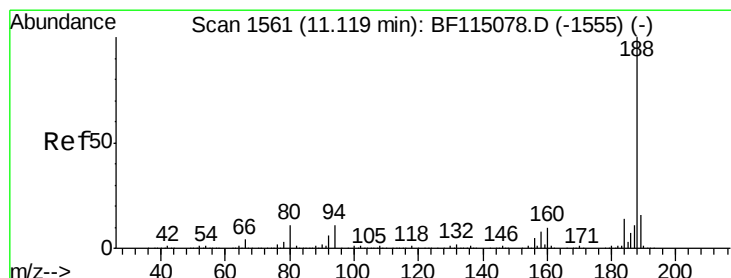
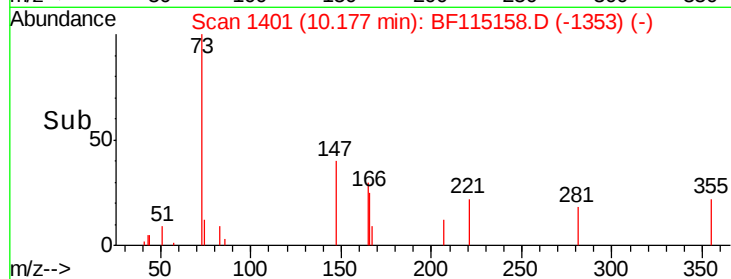
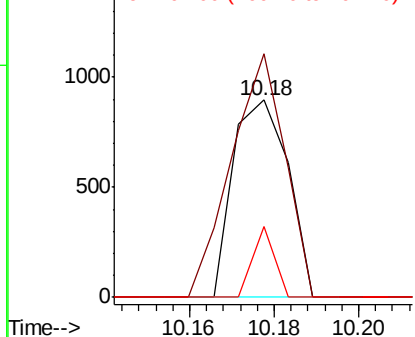
#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115158.D
 Acq: 24 Jun 2019 20:21

Instrument :
 BNA_F
 ClientSampled :
 JUNCTION

Tot Ion:166 Resp: 810
 Ion Ratio Lower Upper
 166 100
 165 123.4 76.5 114.7#
 167 35.9 11.0 16.4#

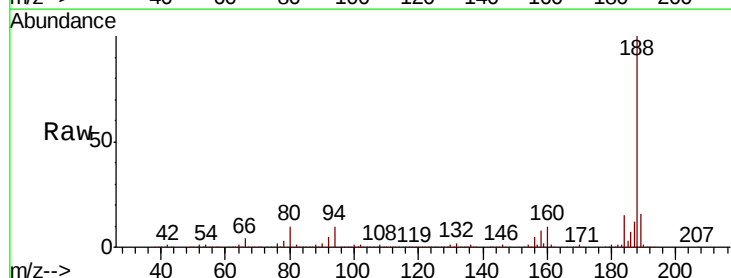


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

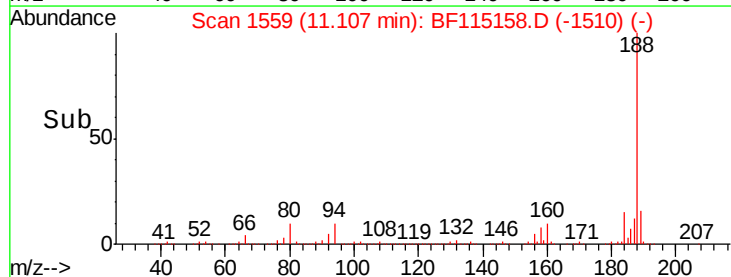
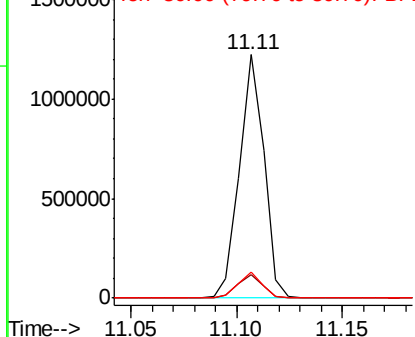


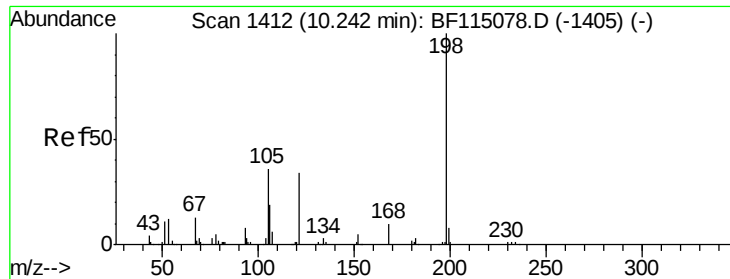
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115158.D
 Acq: 24 Jun 2019 20:21

Tgt Ion:188 Resp: 983872
 Ion Ratio Lower Upper
 188 100
 94 9.8 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: 5.160 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.18 min

Lab File: BF115158.D

Acq: 24 Jun 2019 20:21

Instrument :

BNA_F

ClientSampleId :

JUNCTION

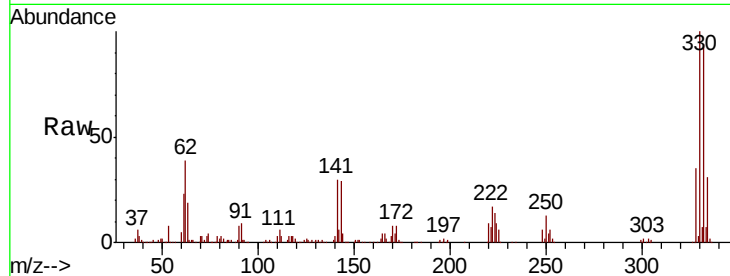
Tot Ion:198 Resp: 1171

Ion Ratio Lower Upper

198 100

51 148.6 11.0 51.0#

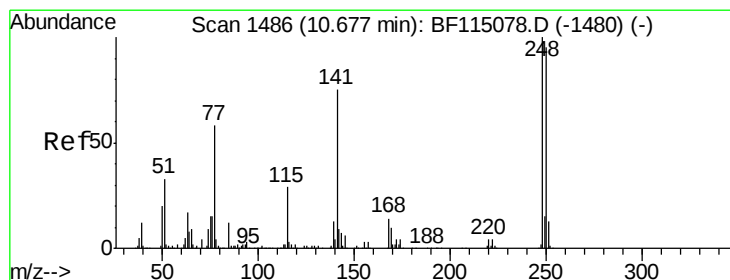
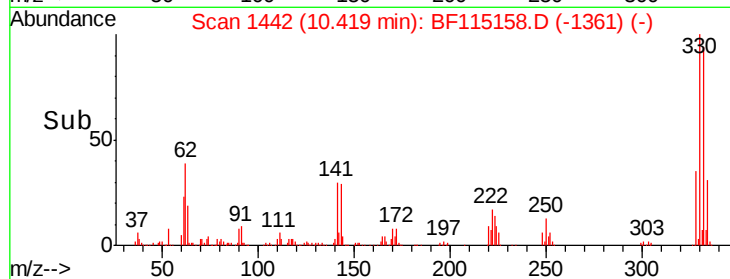
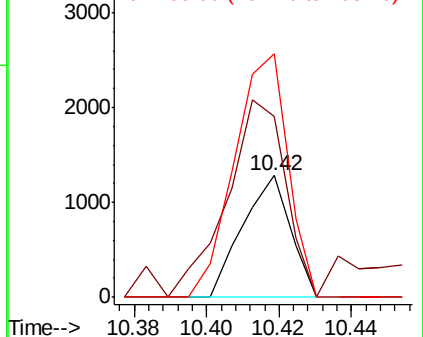
105 199.7 17.3 57.3#



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: 3.213 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.26 min

Lab File: BF115158.D

Acq: 24 Jun 2019 20:21

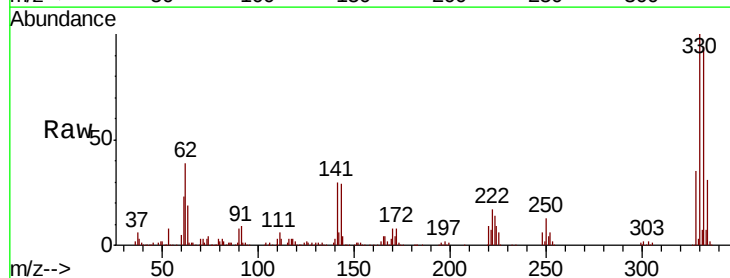
Tgt Ion:248 Resp: 34276

Ion Ratio Lower Upper

248 100

250 199.0 76.2 114.2#

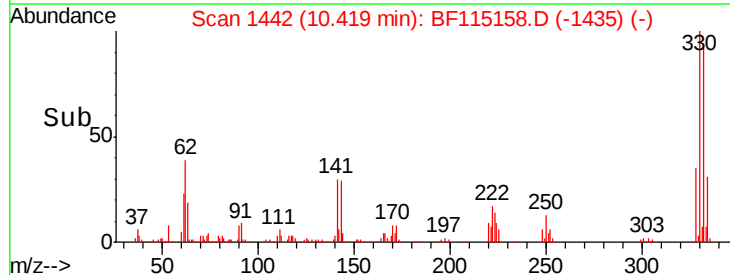
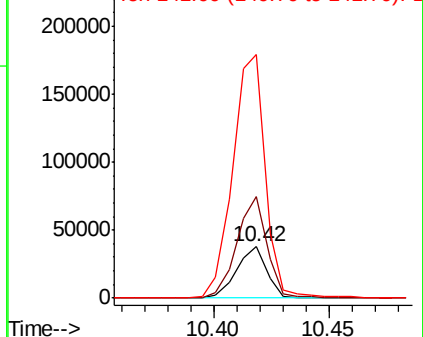
141 477.0 59.6 89.4#

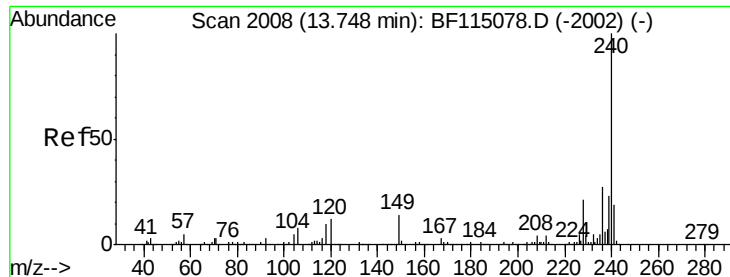


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

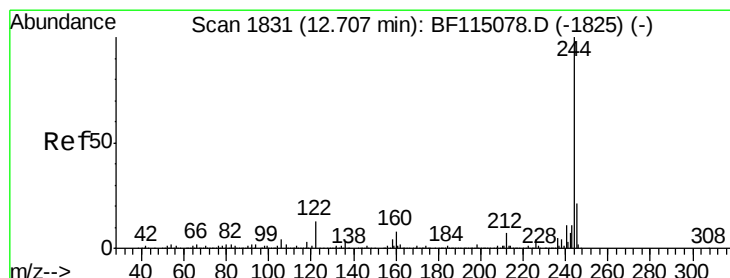
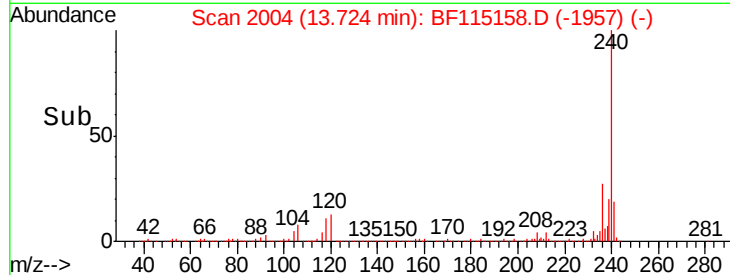
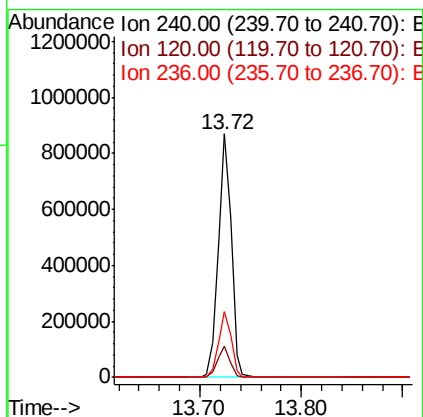
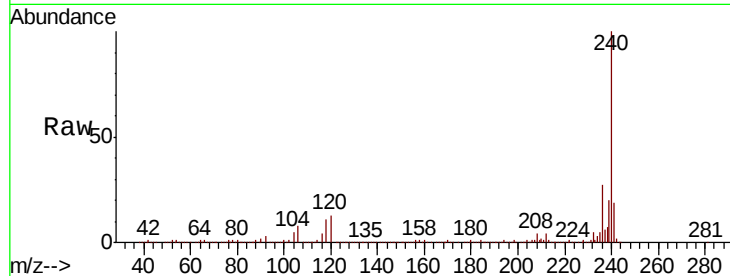




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115158.D
 Acq: 24 Jun 2019 20:21

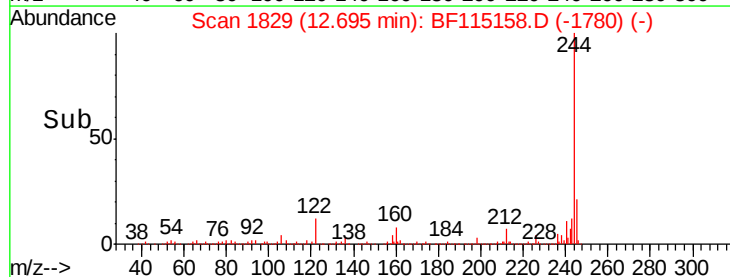
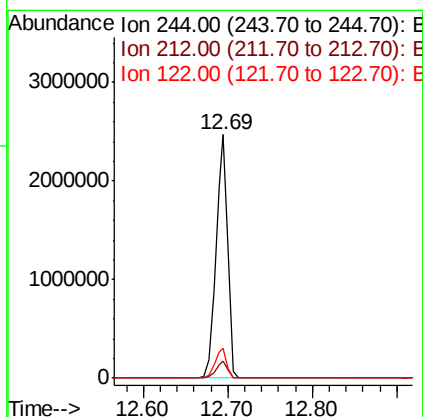
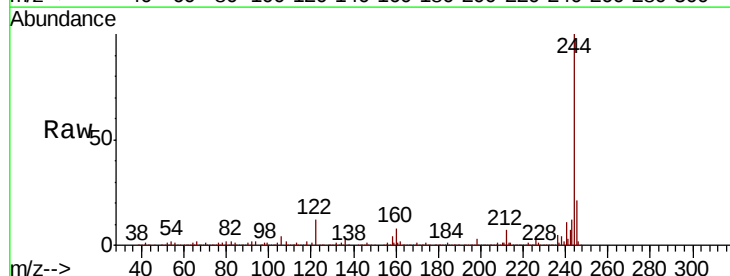
Instrument :
 BNA_F
 ClientSampled :
 JUNCTION

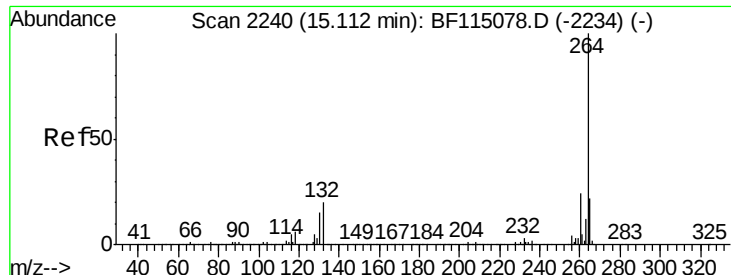
Tot Ion:240 Resp: 778147
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.4 14.2
 236 26.9 21.7 32.5



#79
 Terphenyl-d14
 Concen: 66.530 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115158.D
 Acq: 24 Jun 2019 20:21

Tgt Ion:244 Resp: 2434913
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 12.4 10.4 15.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.7	17.3	25.9

