

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115121.D
 Acq On : 22 Jun 2019 15:30
 Operator : HP/JU
 Sample : K3448-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-10)

Quant Time: Jun 24 04:34:57 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

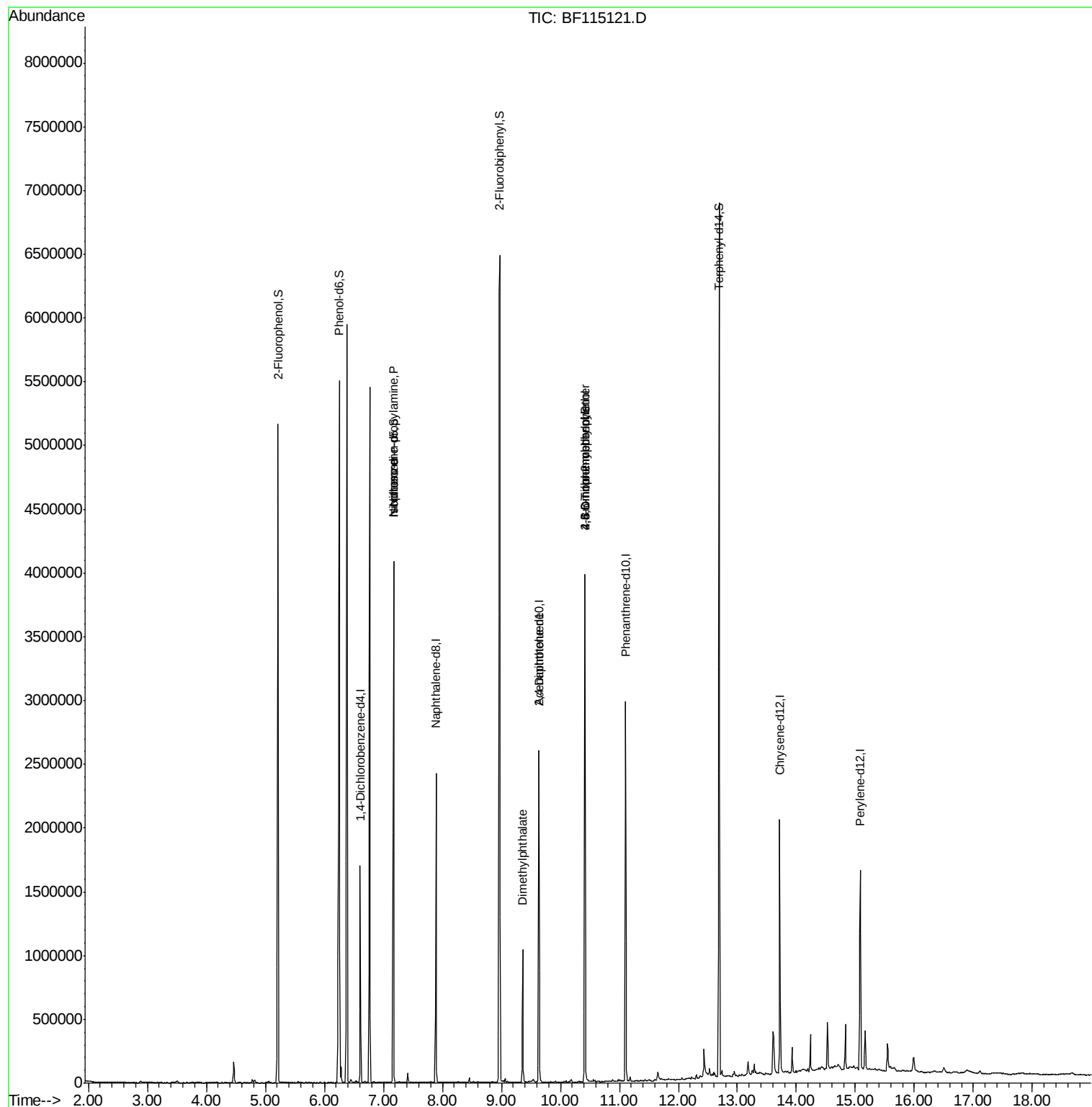
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	267816	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1035444	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	513097	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1006926	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	670653	20.00	ng	-0.03
87) Perylene-d12	15.08	264	610138	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1923571	110.84	ng	0.01
7) Phenol-d6	6.25	99	2379002	112.94	ng	0.00
23) Nitrobenzene-d5	7.17	82	1453129	86.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	545728	100.86	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2352882	77.89	ng	-0.01
79) Terphenyl-d14	12.70	244	2509342	79.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	194626	14.432	ng	# 77
25) Isophorone	7.17	82	1434009	41.588	ng	# 63
50) Dimethylphthalate	9.36	163	393928	10.435	ng	99
57) 2,4-Dinitrotoluene	9.64	165	66923	5.947	ng	# 30
58) Fluorene	10.18	166	2477	Below Cal		91
65) 4,6-Dinitro-2-methylphenol	10.41	198	1119	5.147	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	34970	3.203	ng	# 1

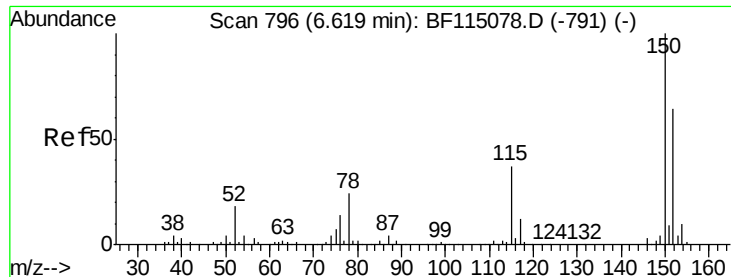
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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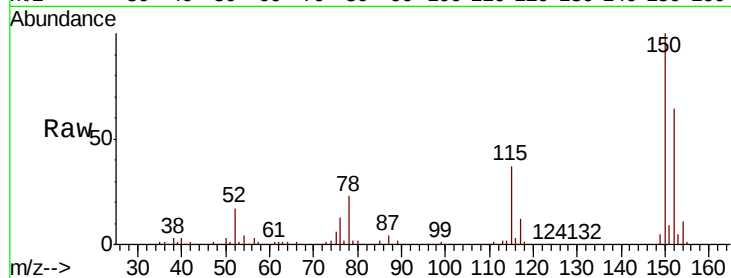


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115121.D
 Acq: 22 Jun 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.2
115	56.9	46.1	69.1

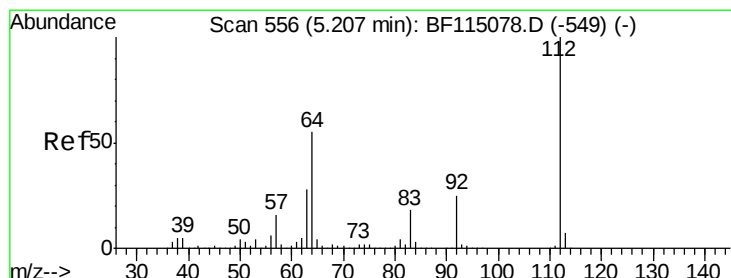
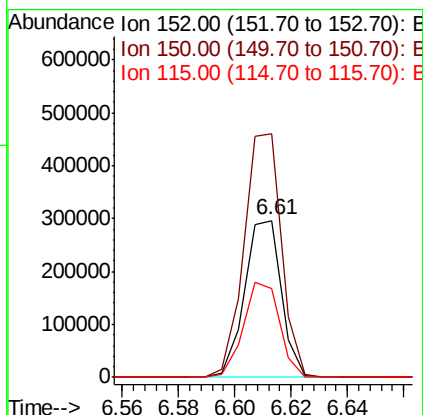
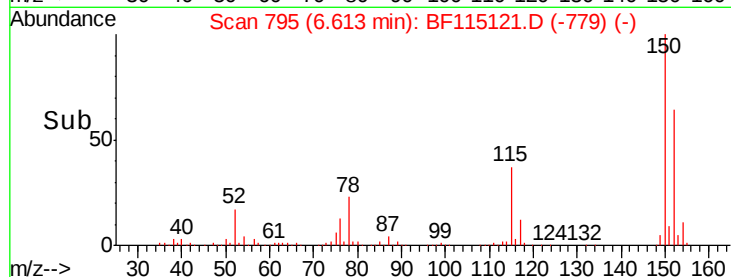


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

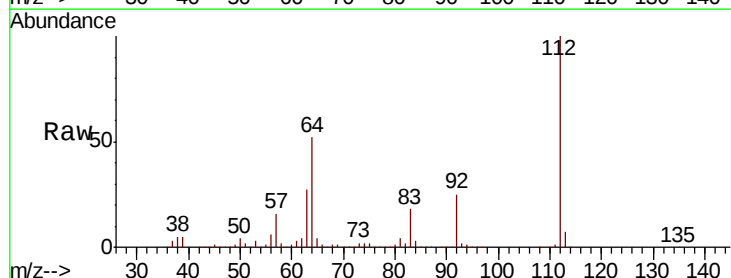
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 110.837 ng
 RT: 5.22 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF115121.D
 Acq: 22 Jun 2019 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	43.8	65.6
63	26.6	22.2	33.4

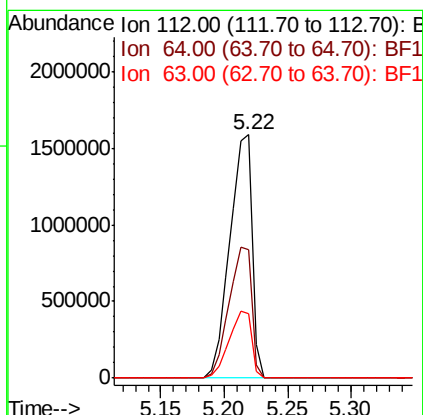
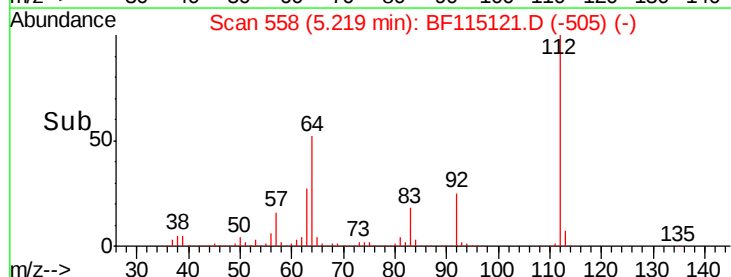


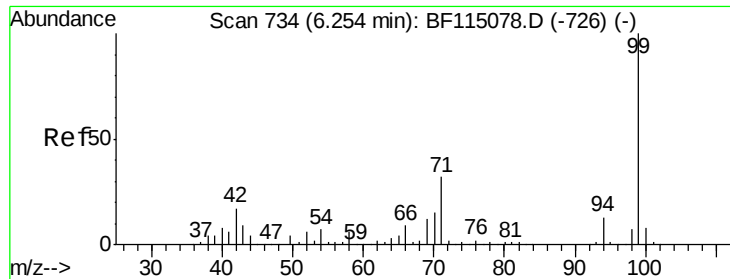
Abundance

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: 112.938 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

Instrument :

BNA_F

ClientSampled :

M-2(0-10)

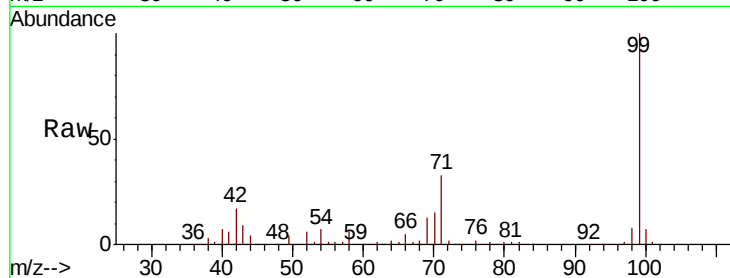
Tot Ion: 99 Resp: 2379002

Ion Ratio Lower Upper

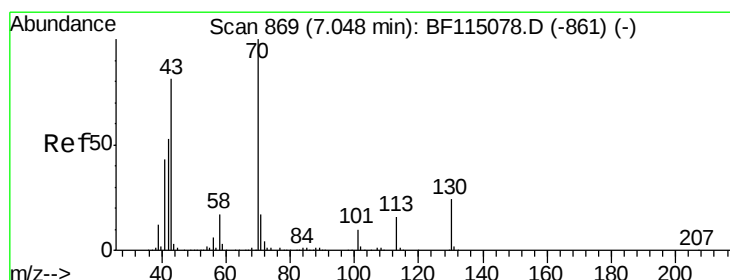
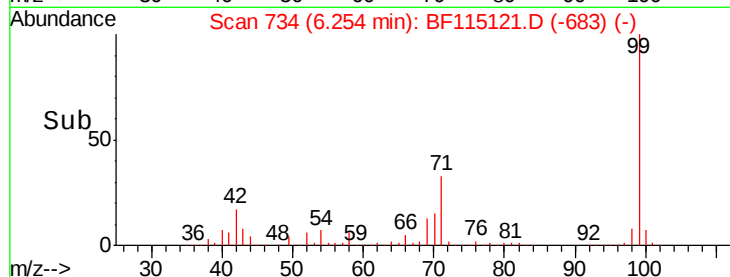
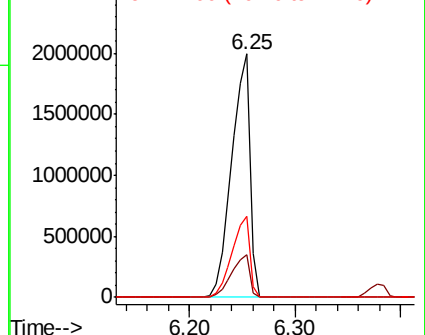
99 100

42 17.3 13.6 20.4

71 33.4 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: 14.432 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

Tgt Ion: 70 Resp: 194626

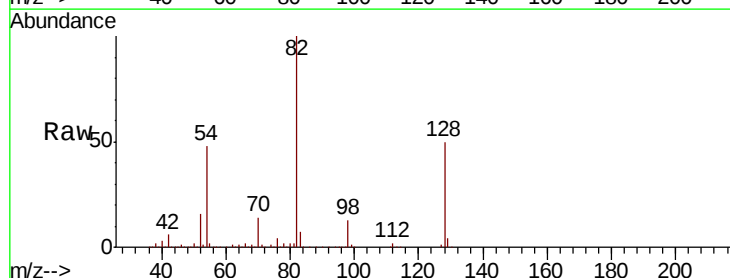
Ion Ratio Lower Upper

70 100

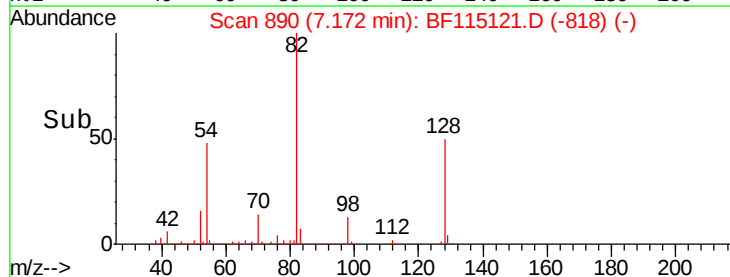
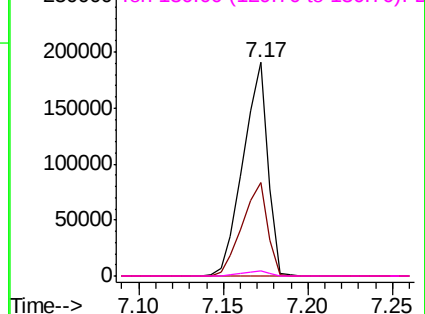
42 43.9 42.6 63.8

101 0.0 8.0 12.0#

130 2.2 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): B
Ion 130.00 (129.70 to 130.70): B

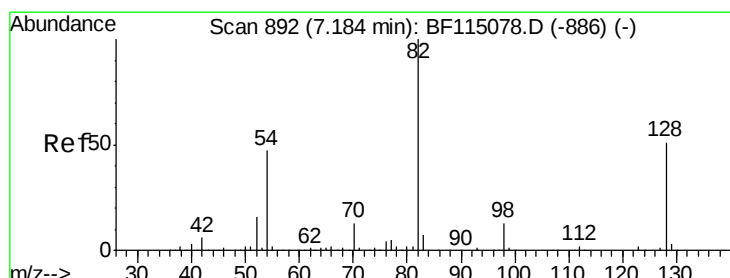
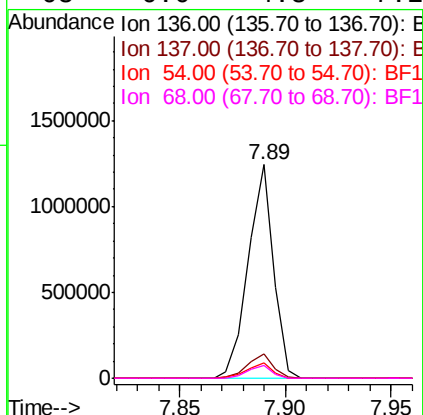
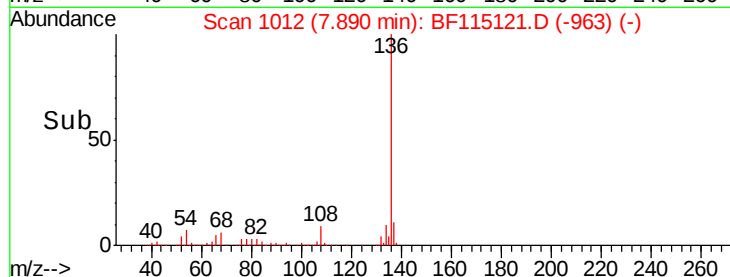
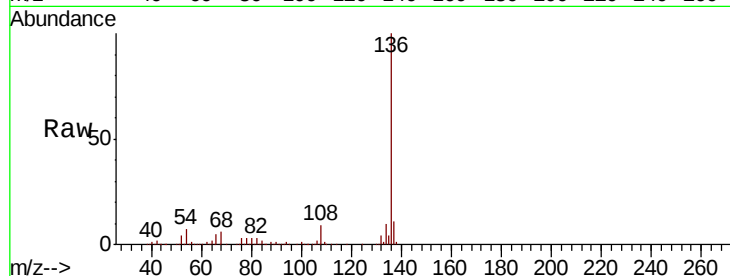




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

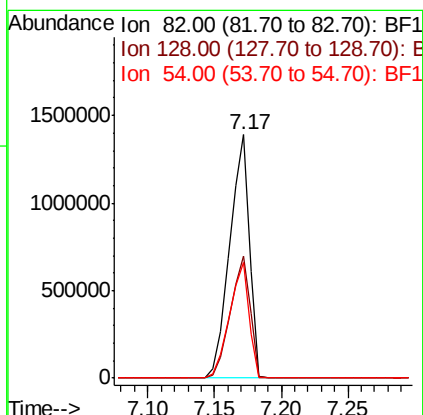
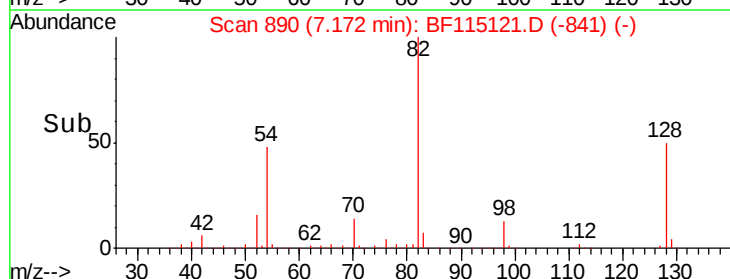
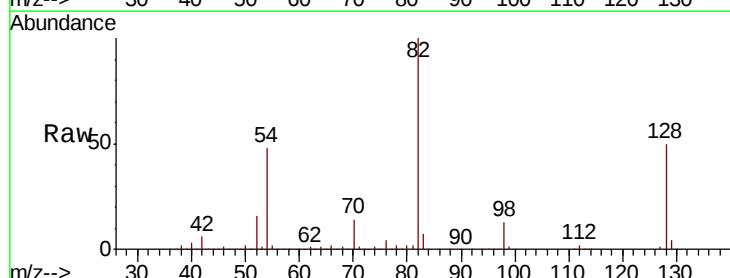
Instrument :
BNA_F
ClientSampleId :
M-2(0-10)

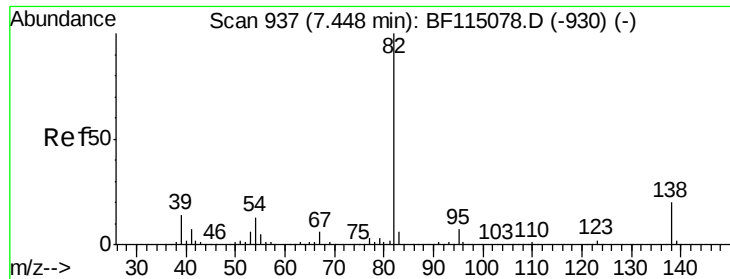
Tot Ion:136	Resp: 1035444
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.0	5.6 8.4
68 6.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 86.330 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

Tgt Ion: 82	Resp: 1453129
Ion Ratio	Lower Upper
82 100	
128 50.4	40.4 60.6
54 47.6	37.5 56.3





#25

Isophorone

Concen: 41.588 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

Instrument :

BNA_F

ClientSampleId :

M-2(0-10)

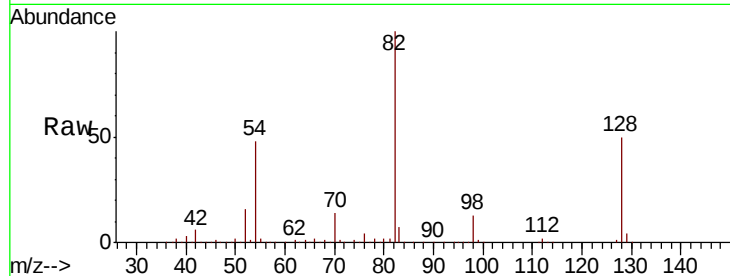
Tot Ion: 82 Resp: 1434009

Ion Ratio Lower Upper

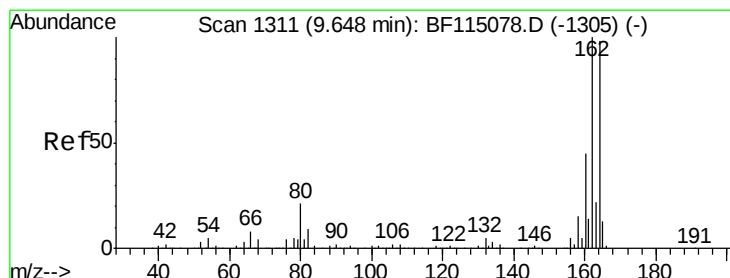
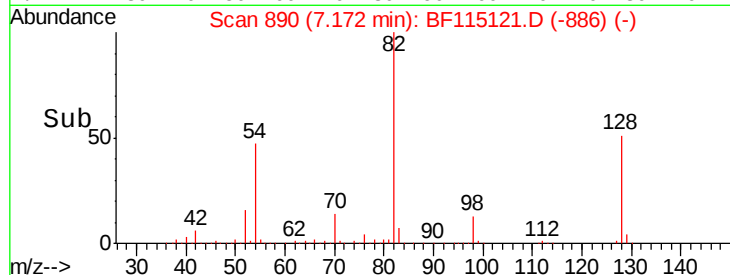
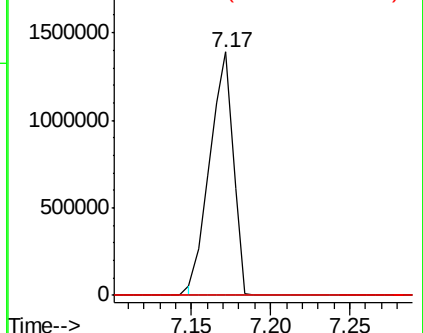
82 100

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: BF115121.D

Acq: 22 Jun 2019 15:30

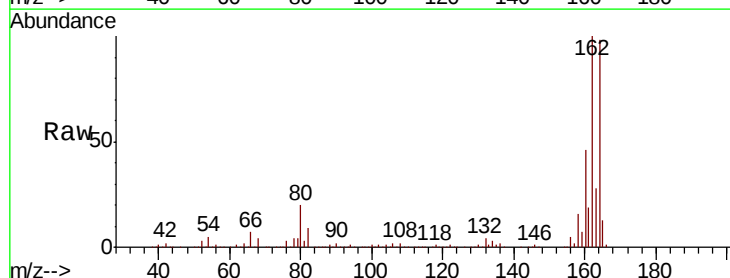
Tgt Ion:164 Resp: 513097

Ion Ratio Lower Upper

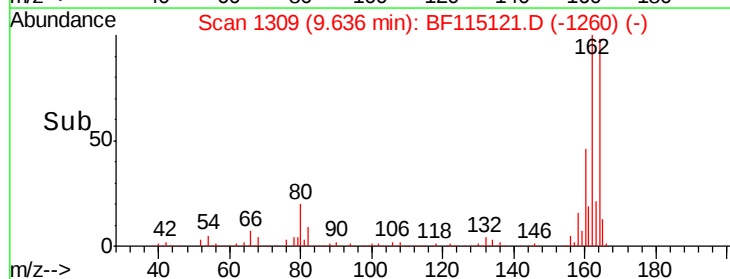
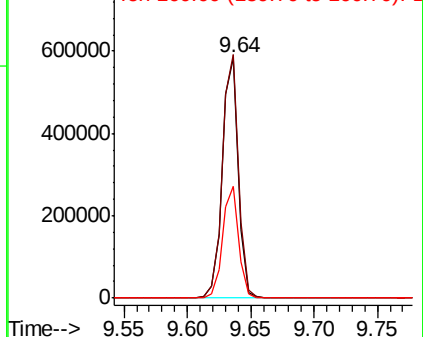
164 100

162 101.5 81.7 122.5

160 46.6 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: 100.859 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

Instrument :

BNA_F

ClientSampleId :

M-2(0-10)

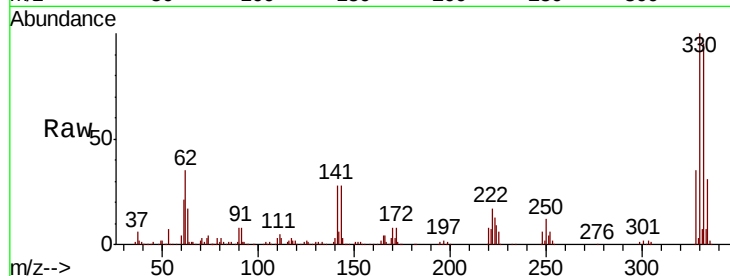
Tot Ion:330 Resp: 545728

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

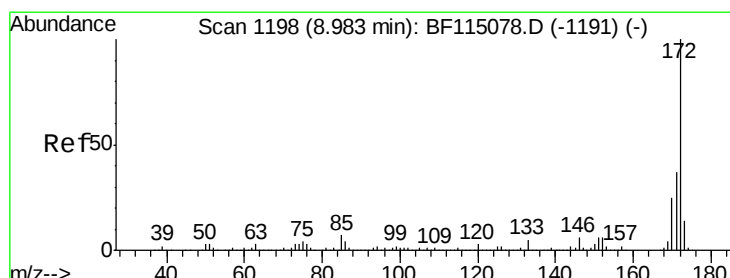
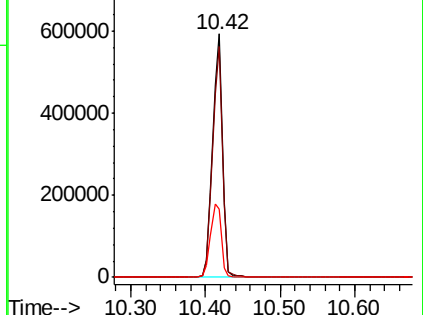
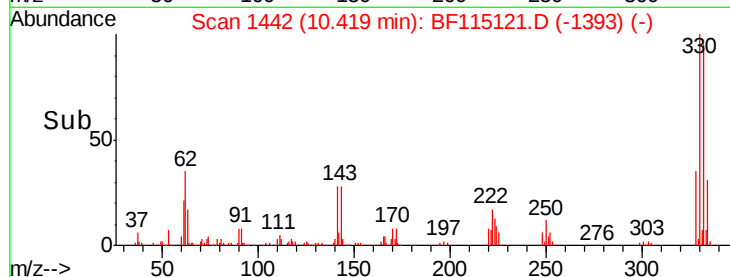
141 33.3 28.2 42.2



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: 77.893 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

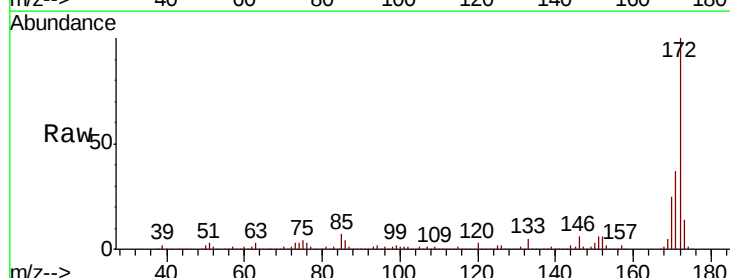
Tgt Ion:172 Resp: 2352882

Ion Ratio Lower Upper

172 100

171 37.0 29.8 44.6

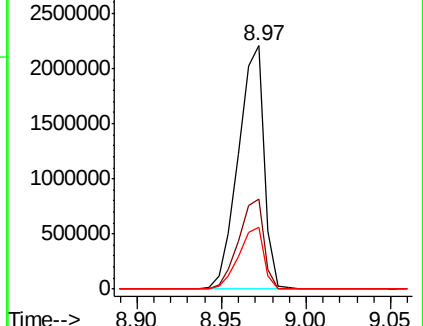
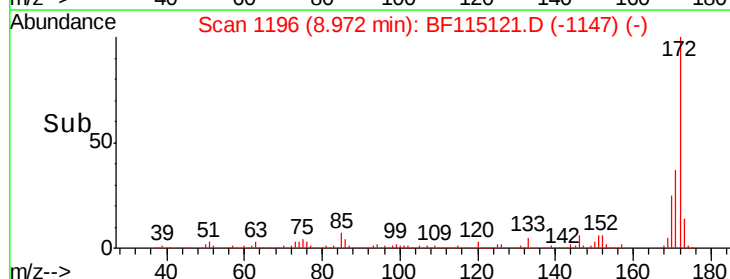
170 25.4 20.3 30.5



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

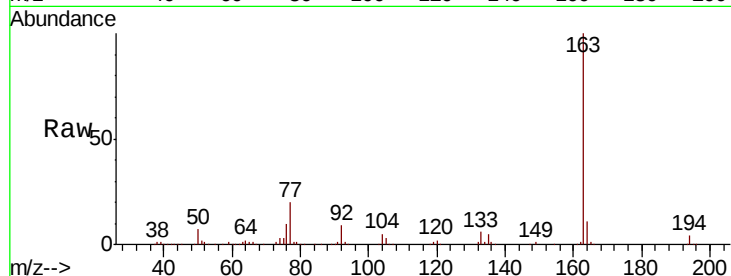




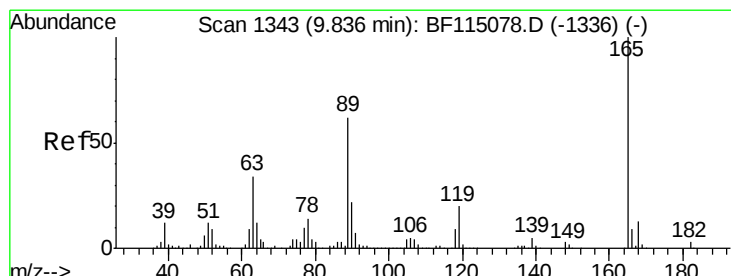
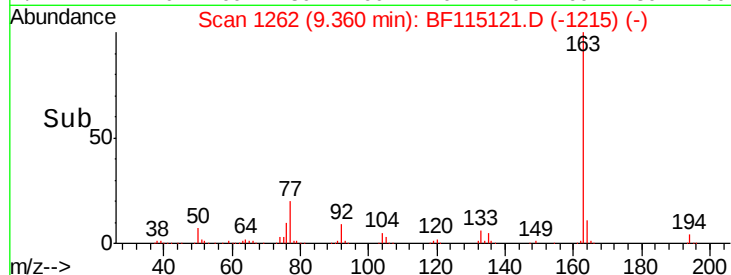
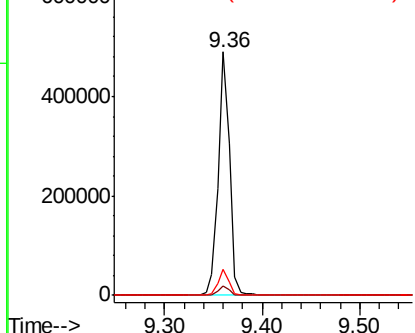
#50
Dimethylphthalate
Concen: 10.435 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

Instrument :
BNA_F
ClientSampleId :
M-2(0-10)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.6	8.6	13.0



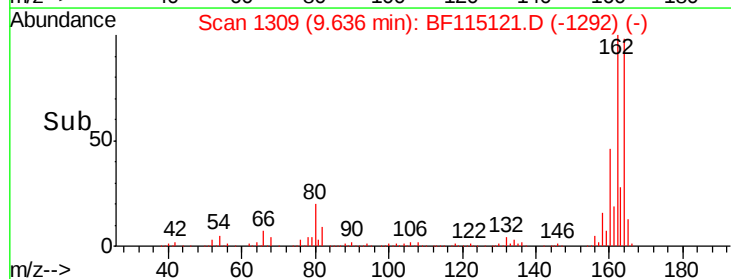
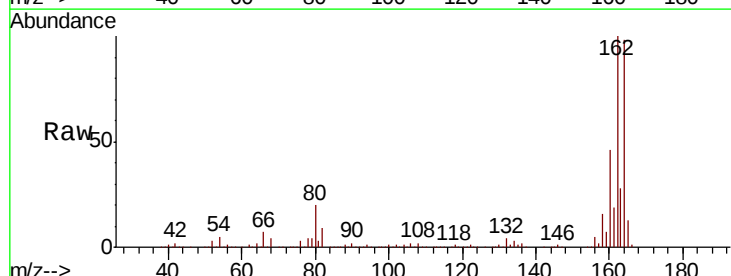
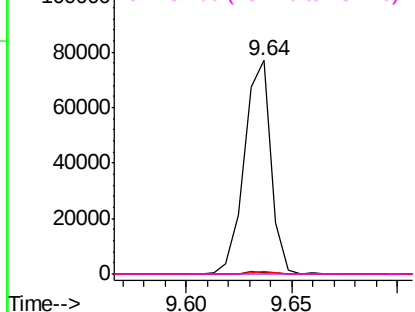
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

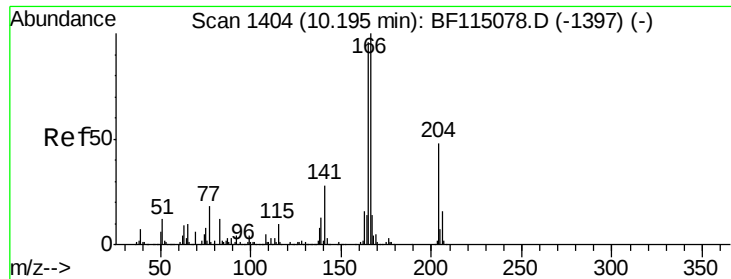


#57
2,4-Dinitrotoluene
Concen: 5.947 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

Tgt 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

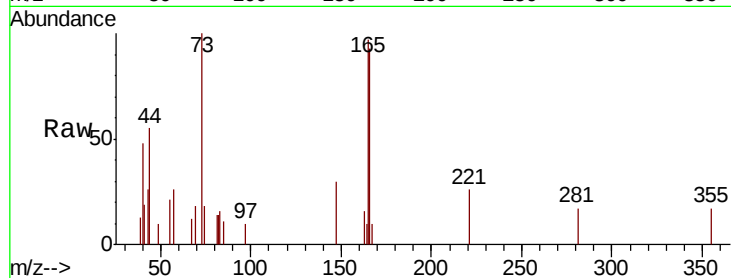




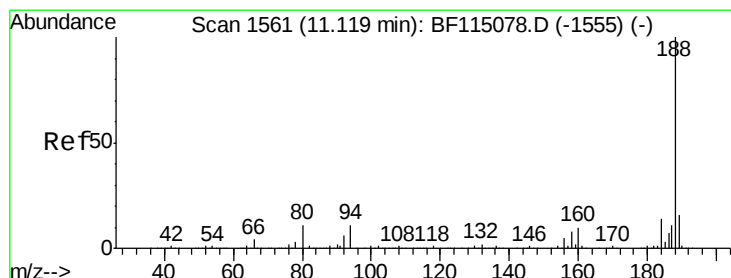
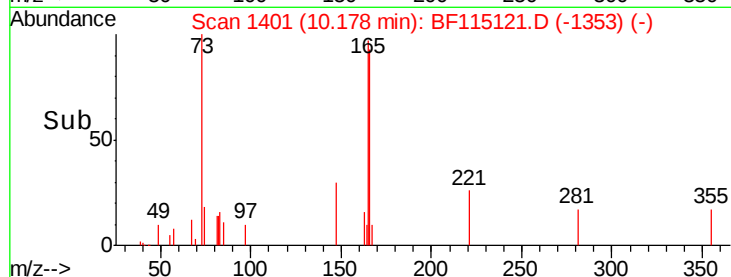
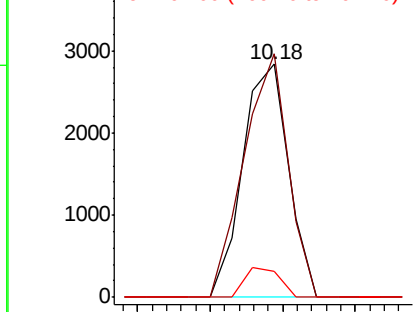
#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115121.D
 Acq: 22 Jun 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-10)

Tot Ion:166 Resp: 2477
 Ion Ratio Lower Upper
 166 100
 165 104.4 76.5 114.7
 167 11.1 11.0 16.4

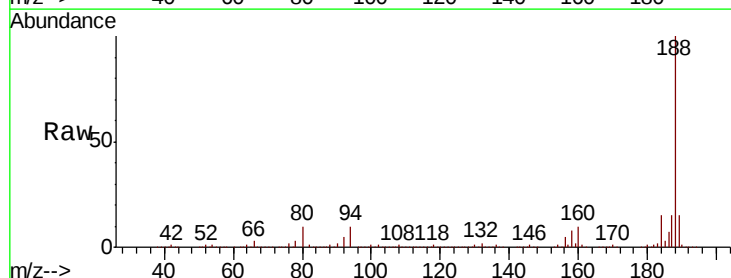


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

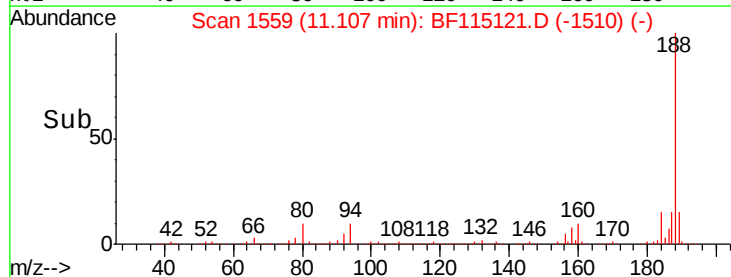
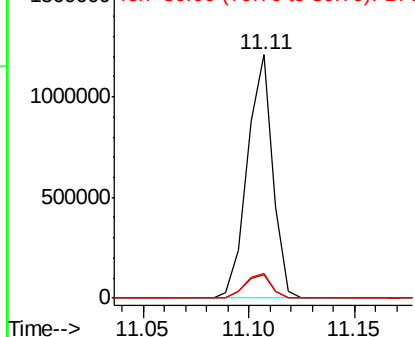


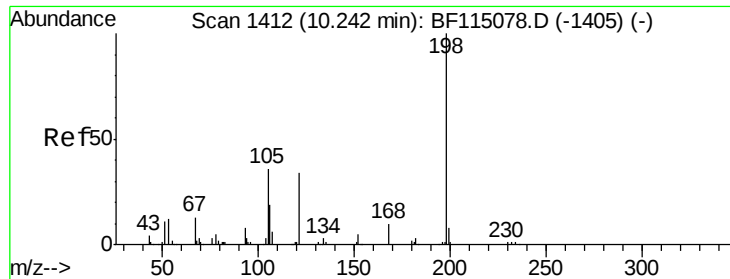
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115121.D
 Acq: 22 Jun 2019 15:30

Tgt Ion:188 Resp: 1006926
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.6 12.8
 80 9.9 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: 5.147 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.17 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

Instrument :

BNA_F

ClientSampleId :

M-2(0-10)

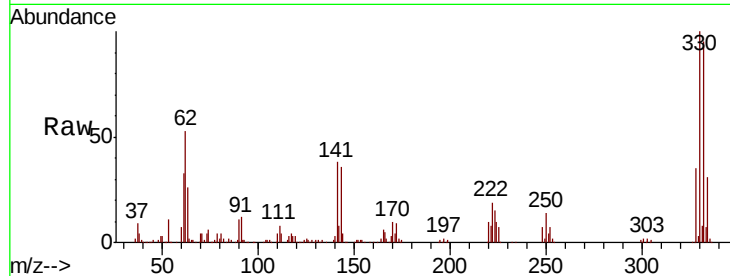
Tot Ion:198 Resp: 1119

Ion Ratio Lower Upper

198 100

51 137.8 11.0 51.0#

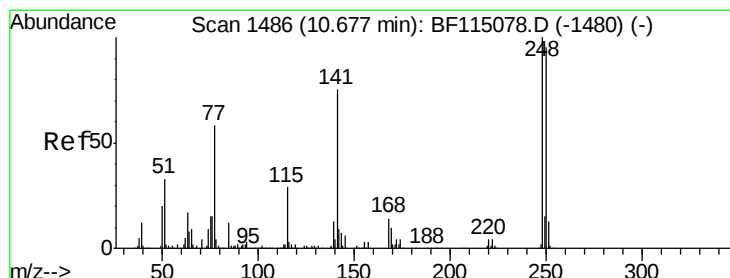
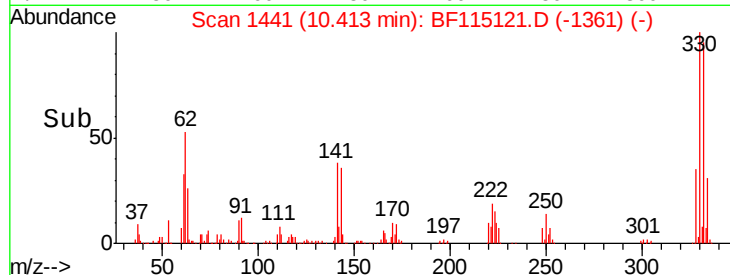
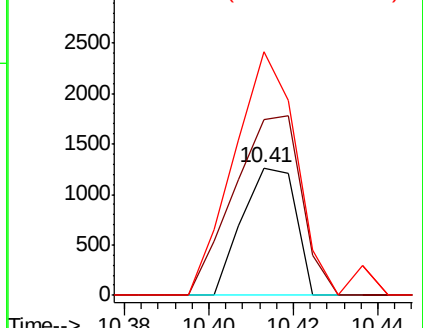
105 190.6 17.3 57.3#



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: 3.203 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.26 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

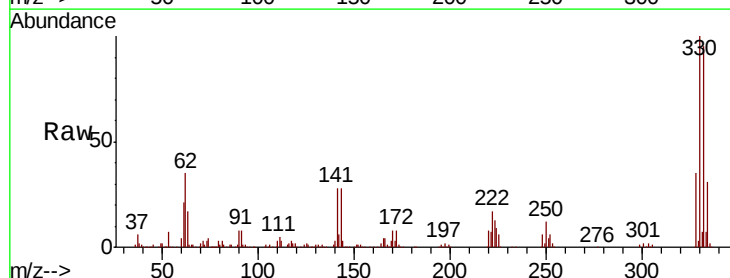
Tgt Ion:248 Resp: 34970

Ion Ratio Lower Upper

248 100

250 190.2 76.2 114.2#

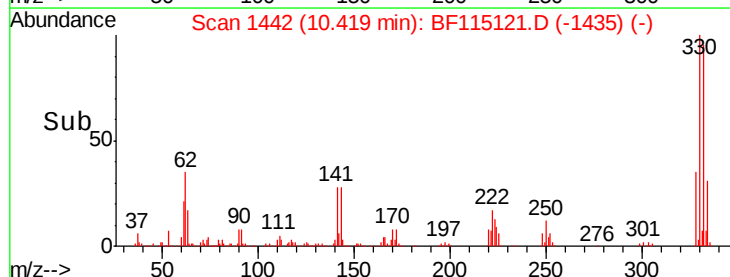
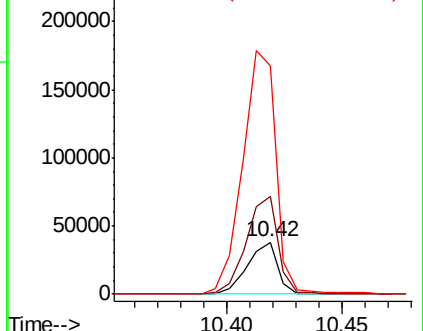
141 442.0 59.6 89.4#

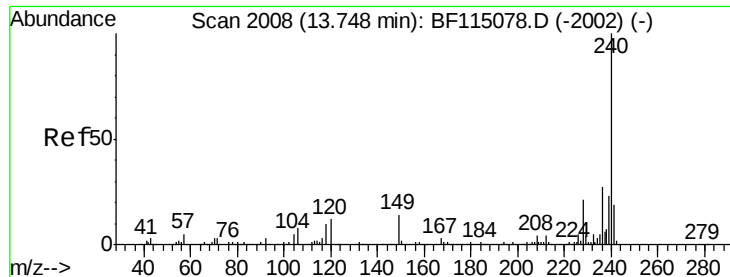


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

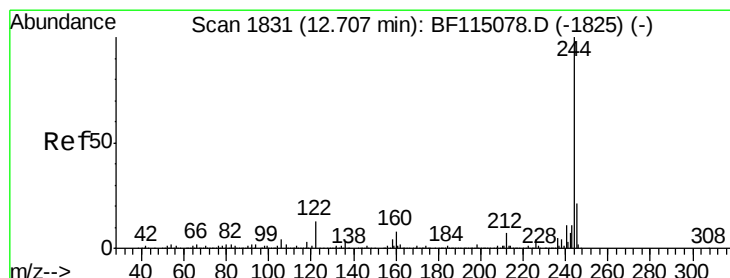
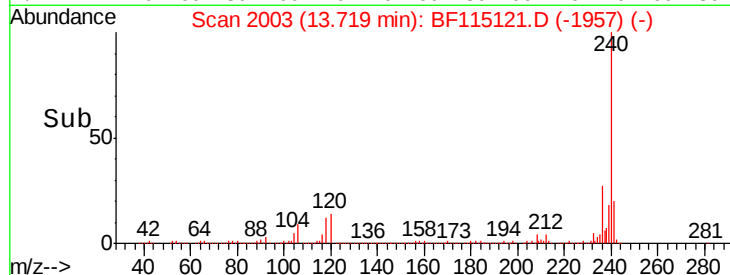
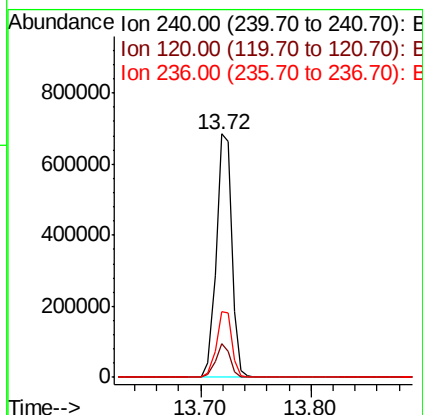
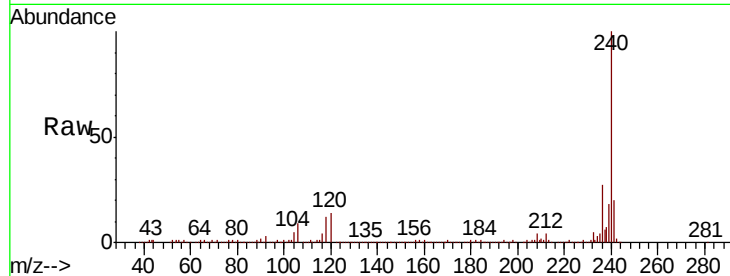




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. -0.03 min
 Lab File: BF115121.D
 Acq: 22 Jun 2019 15:30

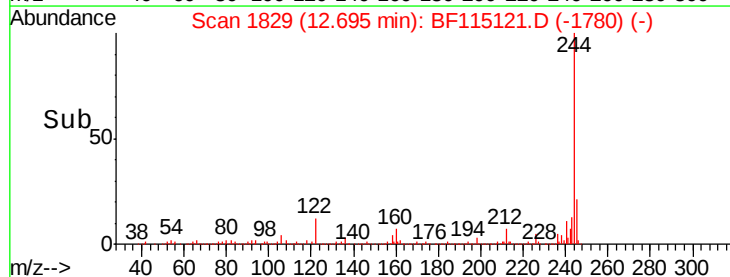
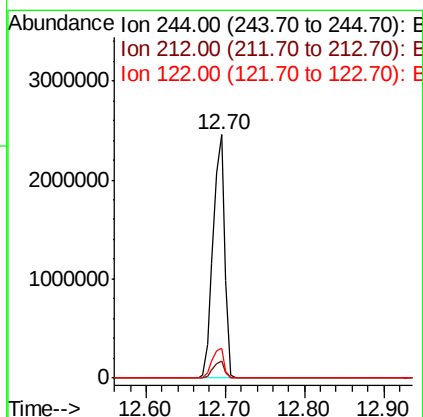
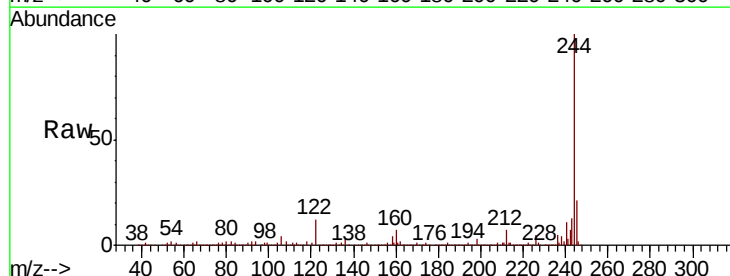
Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-10)

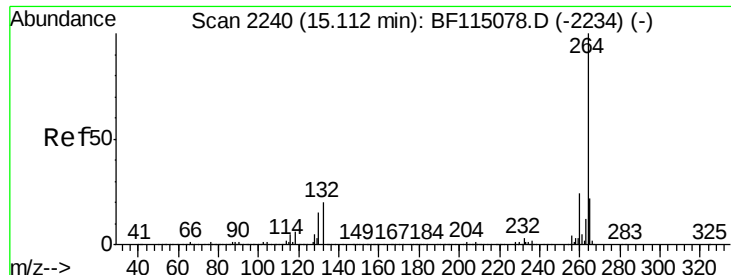
Tot Ion:240 Resp: 670653
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.4 14.2
 236 26.8 21.7 32.5



#79
 Terphenyl-d14
 Concen: 79.553 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115121.D
 Acq: 22 Jun 2019 15:30

Tgt Ion:244 Resp: 2509342
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 12.1 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: BF115121.D
 Acq: 22 Jun 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.8	17.3	25.9

