

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115122.D
 Acq On : 22 Jun 2019 15:57
 Operator : HP/JU
 Sample : K3447-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-2

Quant Time: Jun 24 04:35:07 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

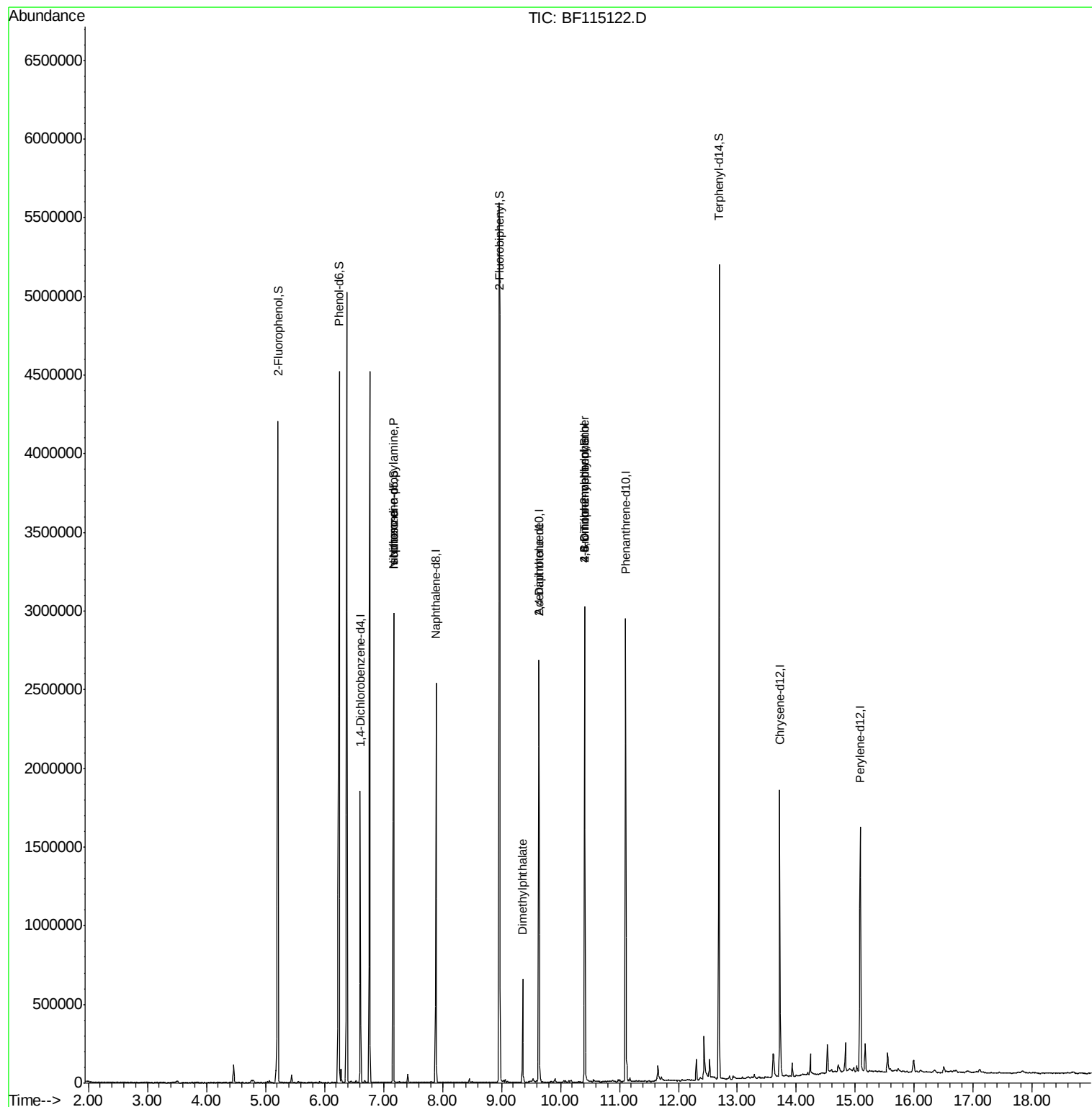
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	284840	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	1086910	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	525327	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	966018	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	575515	20.00	ng	-0.03
87) Perylene-d12	15.08	264	630663	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1406054	76.18	ng	0.00
7) Phenol-d6	6.25	99	1751617	78.18	ng	0.00
23) Nitrobenzene-d5	7.17	82	1045908	59.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	347072	62.65	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1867180	60.37	ng	-0.02
79) Terphenyl-d14	12.69	244	1698175	62.74	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	139299	9.712	ng	# 78
25) Isophorone	7.17	82	1029836	28.452	ng	# 63
50) Dimethylphthalate	9.36	163	237018	6.133	ng	99
57) 2,4-Dinitrotoluene	9.64	165	67984	5.901	ng	# 30
58) Fluorene	10.17	166	2256	Below Cal		85
65) 4,6-Dinitro-2-methylphenol	10.41	198	740	5.089	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	21610	2.063	ng	# 1

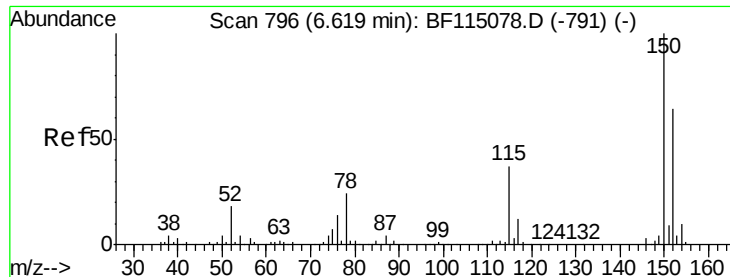
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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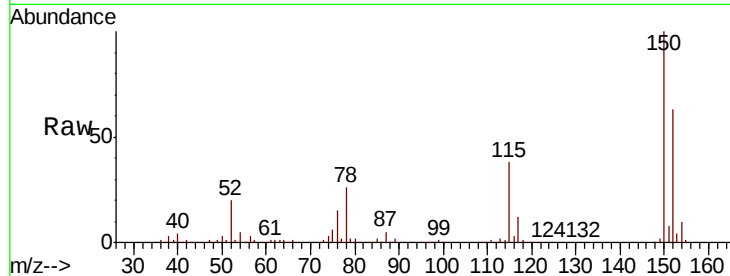


#1

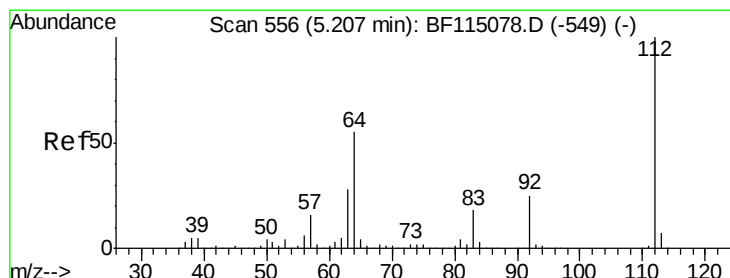
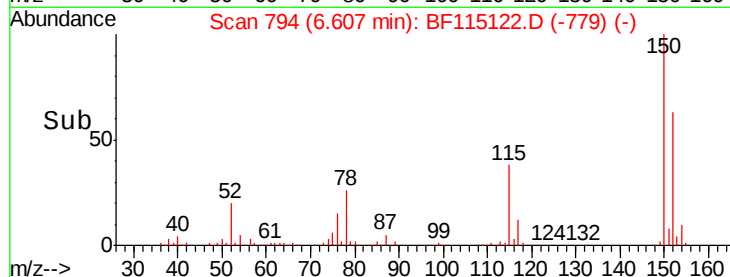
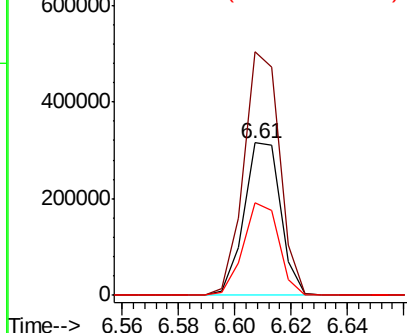
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115122.D
Acq: 22 Jun 2019 15:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-2

Tot Ion:152 Resp: 284840
Ion Ratio Lower Upper
152 100
150 159.6 124.2 186.2
115 61.0 46.1 69.1



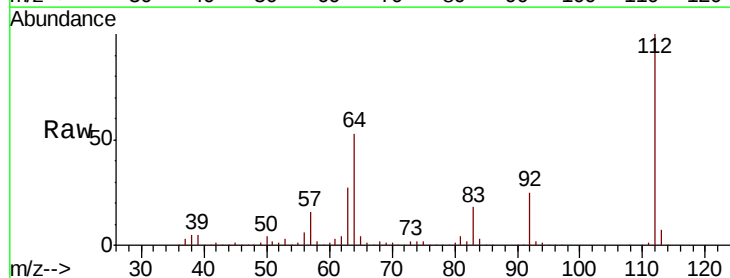
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



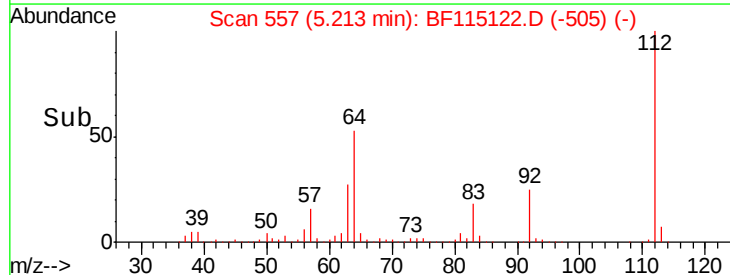
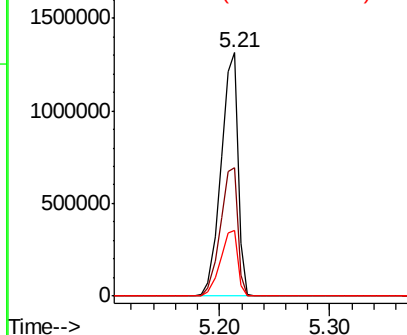
#5

2-Fluorophenol
Concen: 76.175 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115122.D
Acq: 22 Jun 2019 15:57

Tgt Ion:112 Resp: 1406054
Ion Ratio Lower Upper
112 100
64 52.6 43.8 65.6
63 26.8 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: 78.184 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115122.D

Acq: 22 Jun 2019 15:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-2

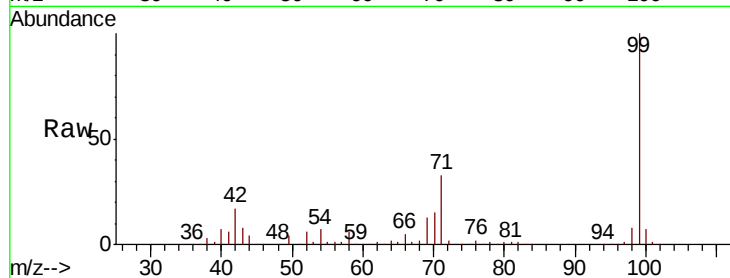
Tot Ion: 99 Resp: 1751617

Ion Ratio Lower Upper

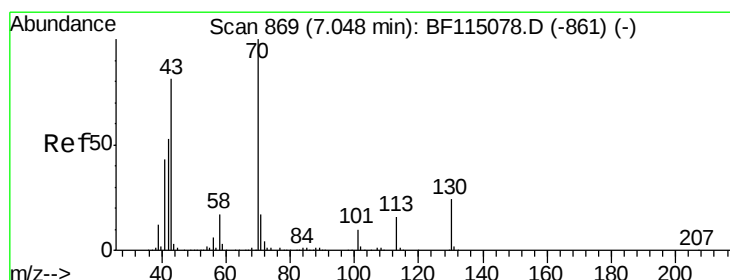
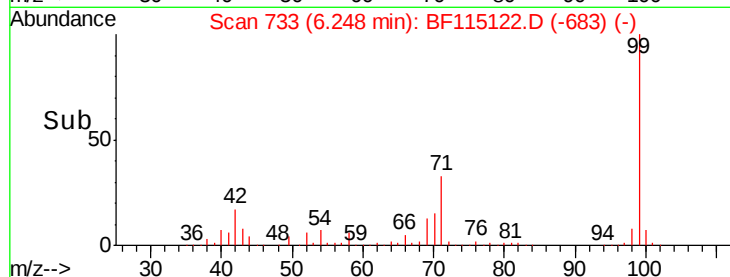
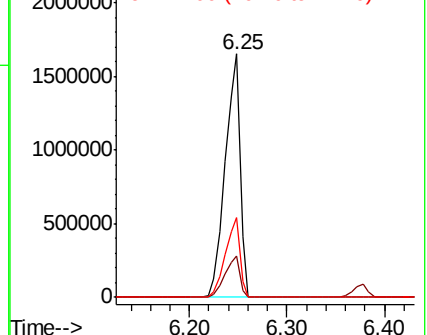
99 100

42 17.1 13.6 20.4

71 32.8 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: 9.712 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.12 min

Lab File: BF115122.D

Acq: 22 Jun 2019 15:57

Tgt Ion: 70 Resp: 139299

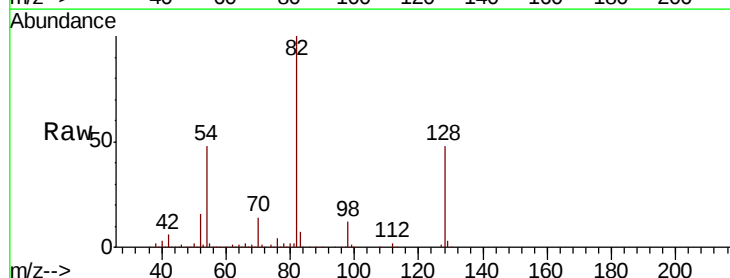
Ion Ratio Lower Upper

70 100

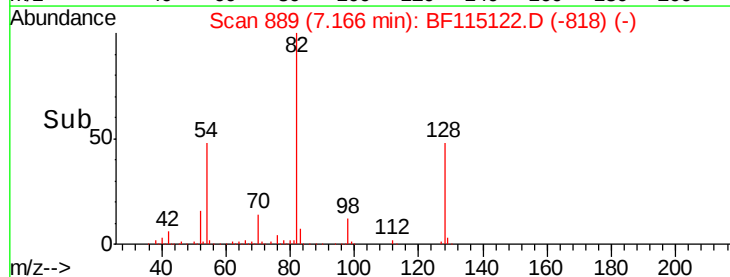
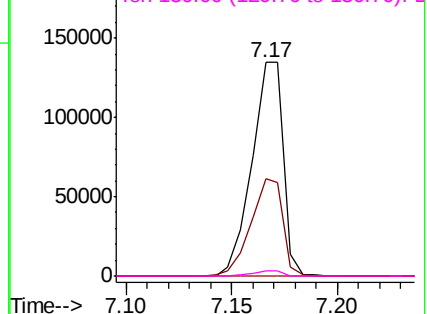
42 45.4 42.6 63.8

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

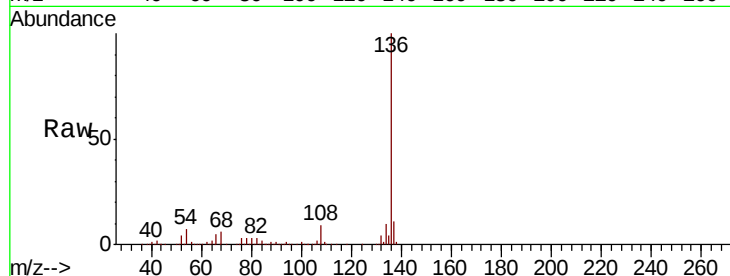




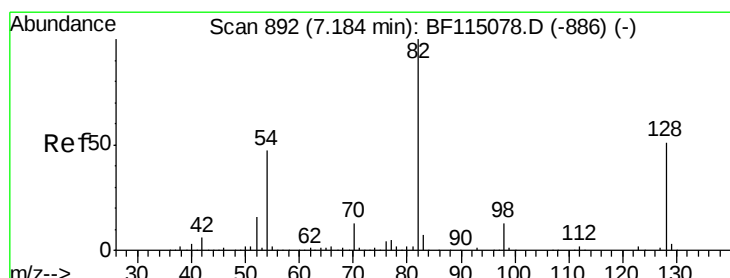
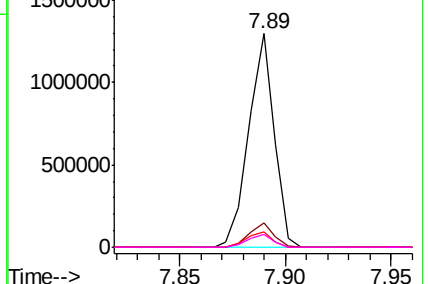
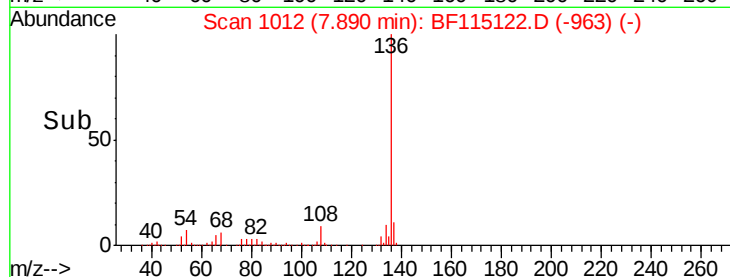
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115122.D
Acq: 22 Jun 2019 15:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-2

Tot Ion:136	Resp: 1086910
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.0	5.6 8.4
68 6.1	4.8 7.2

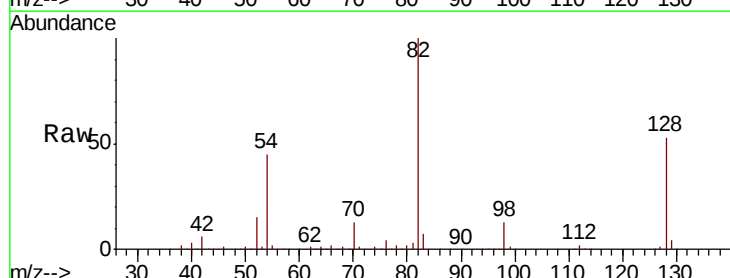


Abundance Ion 136.00 (135.70 to 136.70): E
2000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

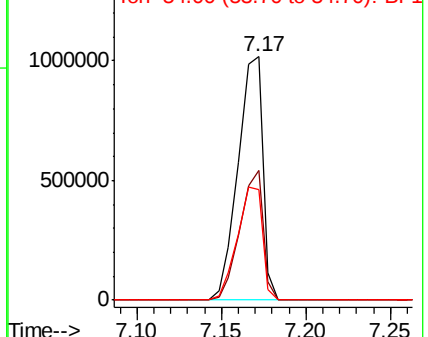
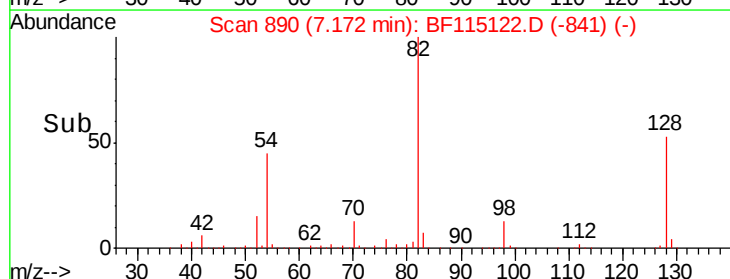


#23
Nitrobenzene-d5
Concen: 59.195 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115122.D
Acq: 22 Jun 2019 15:57

Tgt Ion: 82	Resp: 1045908
Ion Ratio	Lower Upper
82 100	
128 53.3	40.4 60.6
54 45.5	37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.452 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115122.D

Acq: 22 Jun 2019 15:57

Instrument :

BNA_F

ClientSampled :

BOTTOM-2

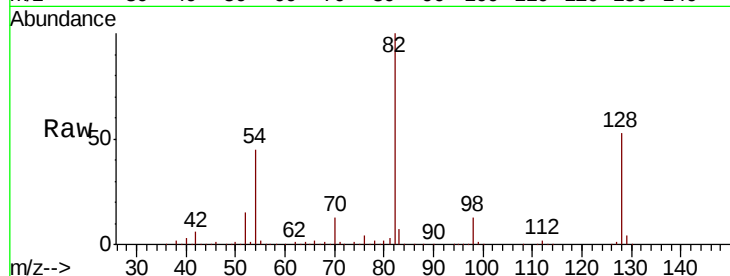
Tot Ion: 82 Resp: 1029836

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

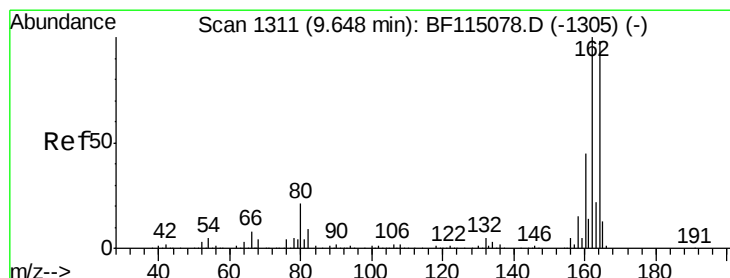
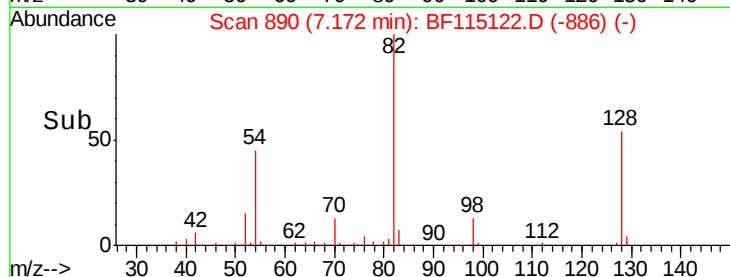
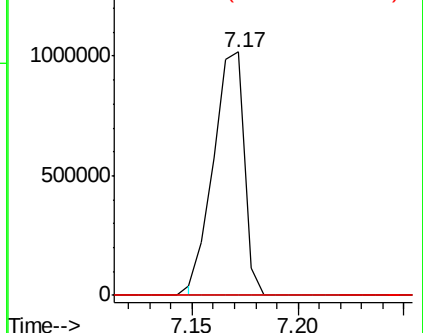
138 0.0 15.9 23.9#



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: BF115122.D

Acq: 22 Jun 2019 15:57

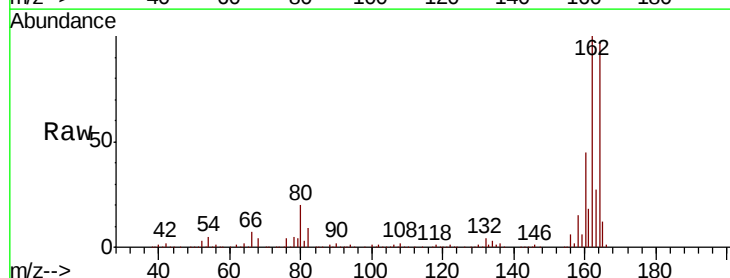
Tgt Ion:164 Resp: 525327

Ion Ratio Lower Upper

164 100

162 102.7 81.7 122.5

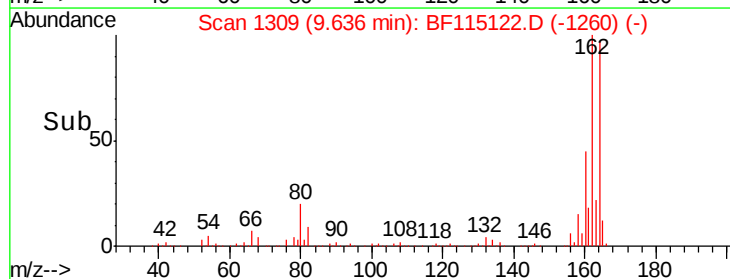
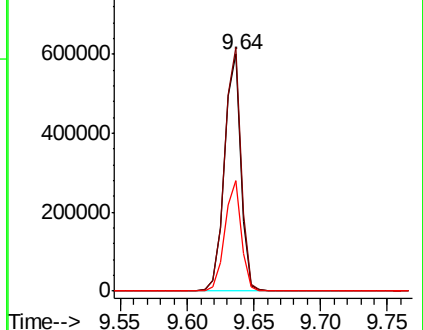
160 46.6 37.0 55.4



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: 62.651 ng

RT: 10.41 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF115122.D

Acq: 22 Jun 2019 15:57

Instrument :

BNA_F

ClientSampled :

BOTTOM-2

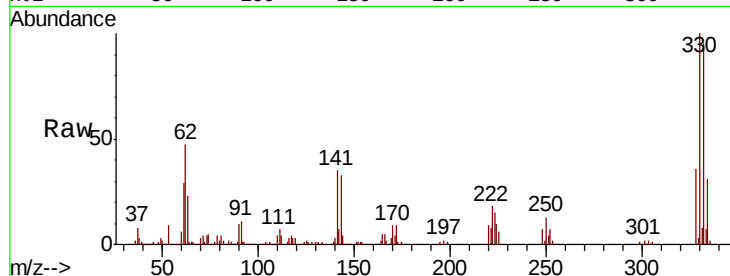
Tot Ion:330 Resp: 347072

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

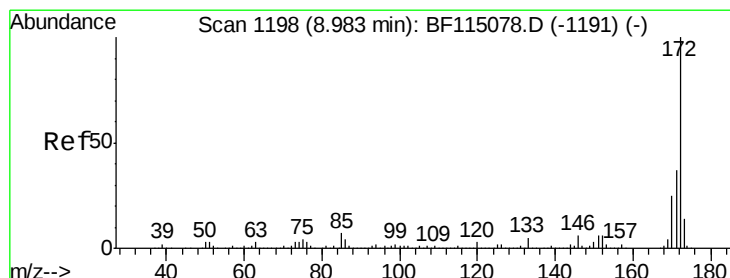
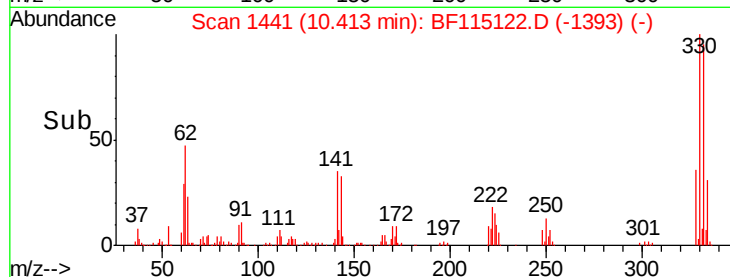
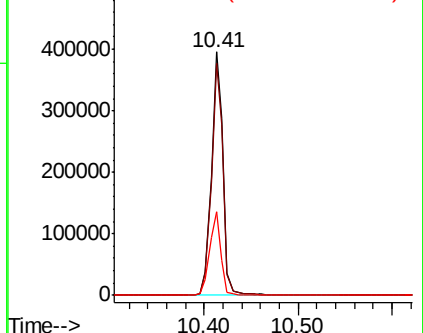
141 33.7 28.2 42.2



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: 60.374 ng

RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF115122.D

Acq: 22 Jun 2019 15:57

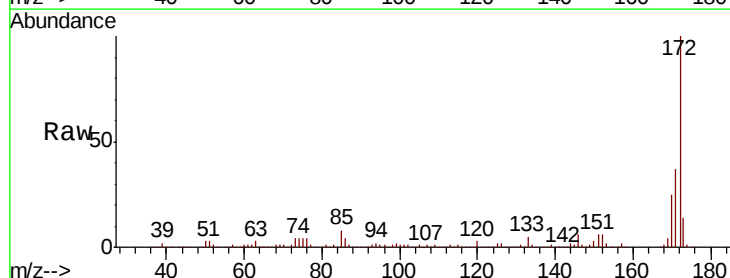
Tgt Ion:172 Resp: 1867180

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

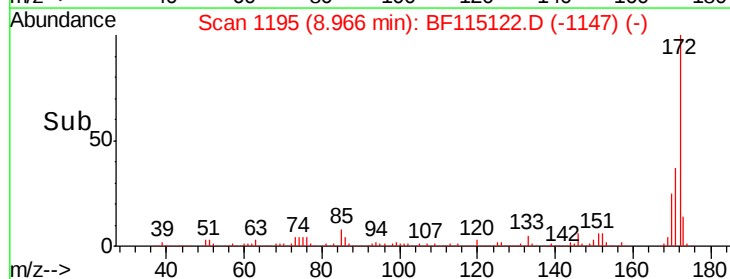
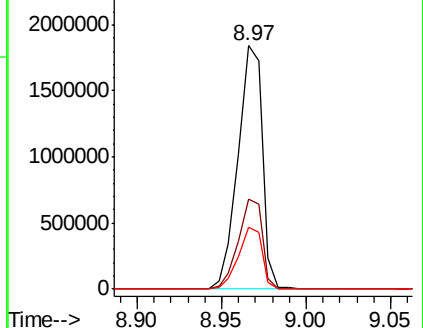
170 25.4 20.3 30.5



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

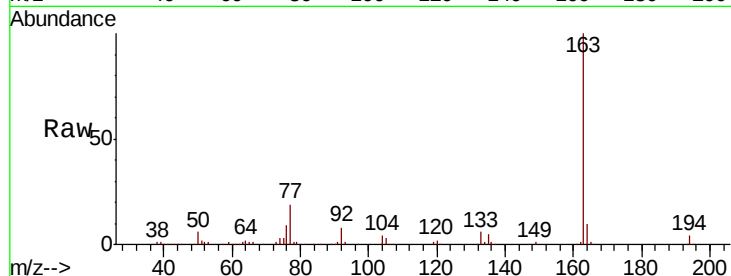




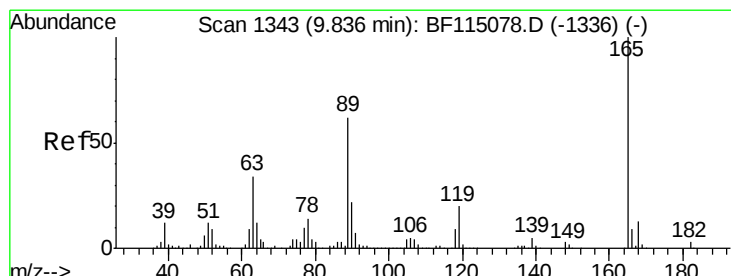
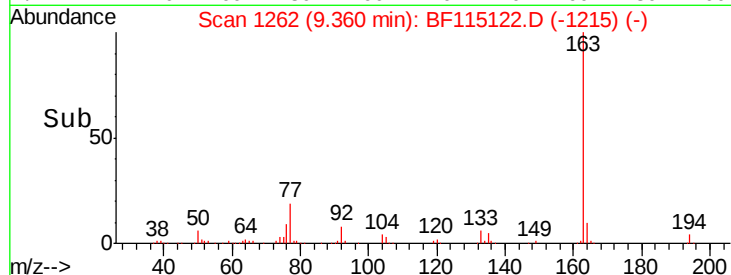
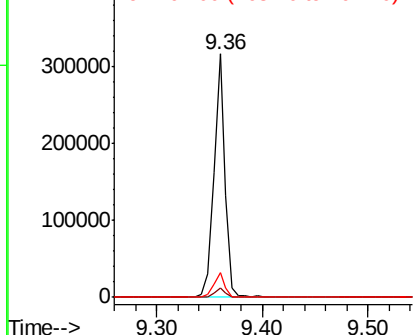
#50
Dimethylphthalate
Concen: 6.133 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115122.D
Acq: 22 Jun 2019 15:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.6	13.0



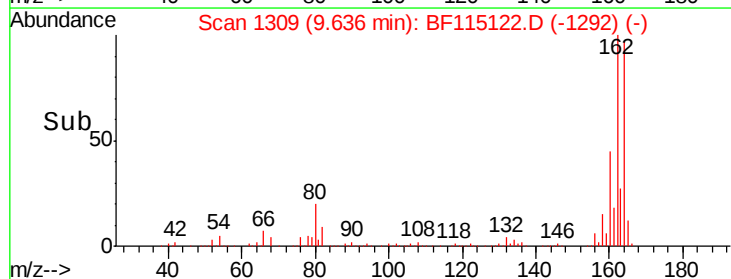
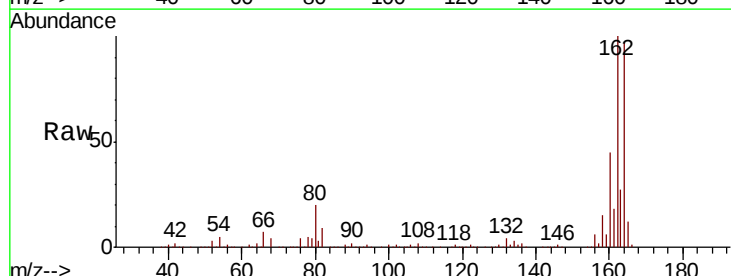
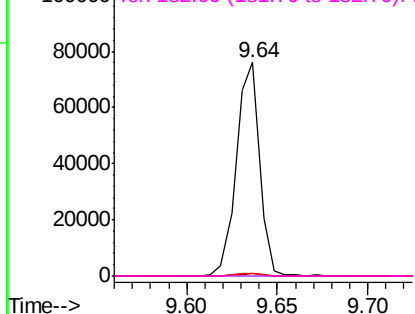
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

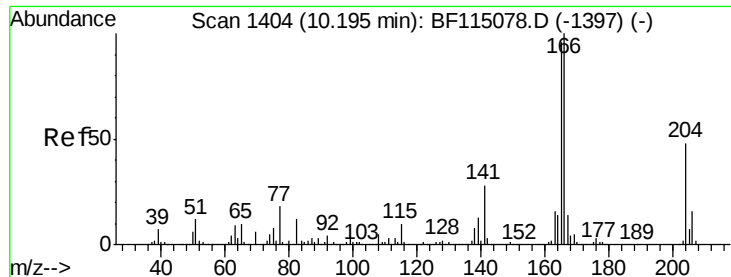


#57
2,4-Dinitrotoluene
Concen: 5.901 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115122.D
Acq: 22 Jun 2019 15:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.3	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

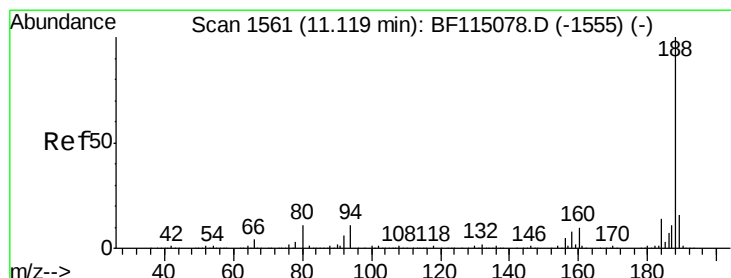
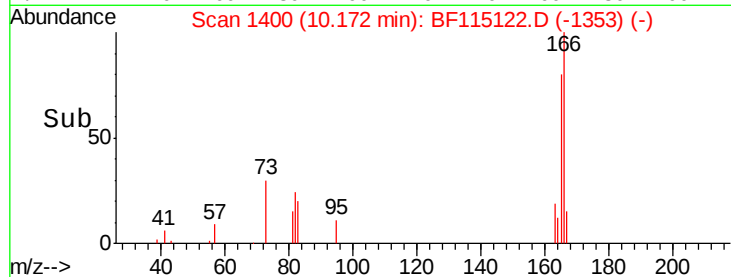
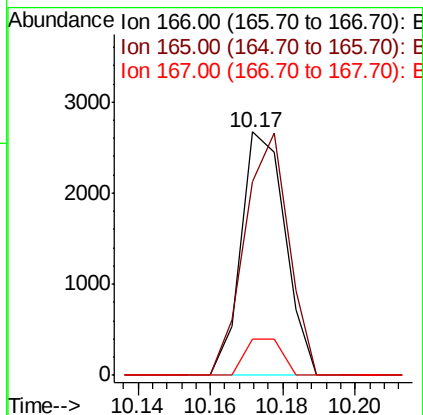
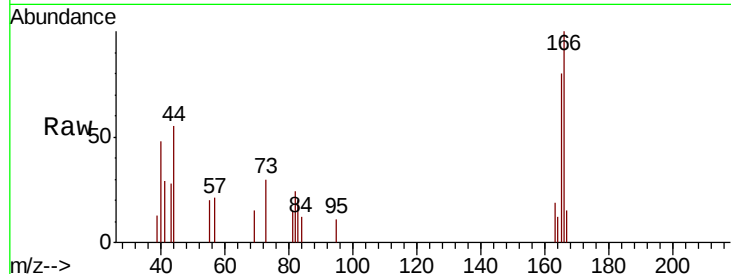




#58
 Fluorene
 Concen: Below Cal
 RT: 10.17 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF115122.D
 Acq: 22 Jun 2019 15:57

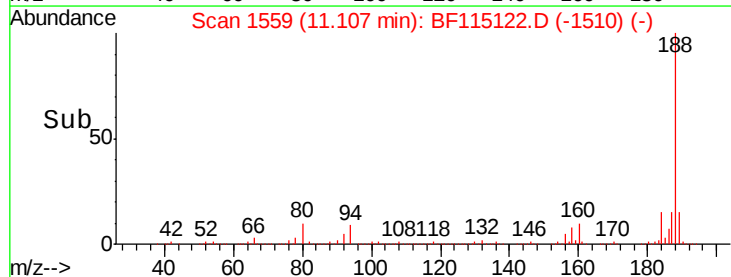
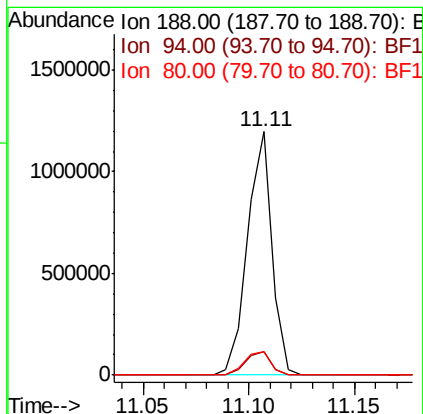
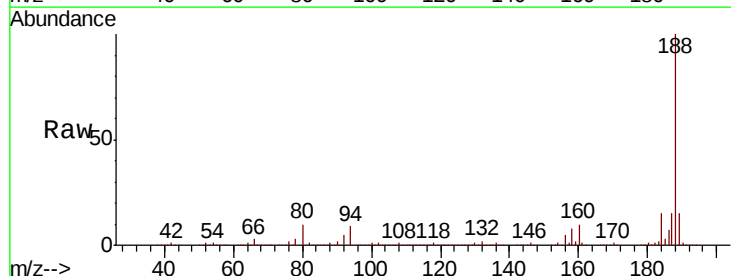
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-2

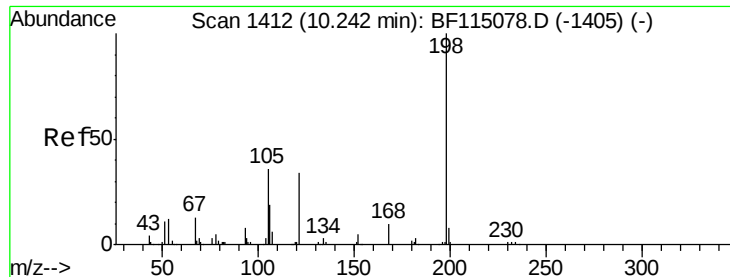
Tot Ion:166 Resp: 2256
 Ion Ratio Lower Upper
 166 100
 165 79.6 76.5 114.7
 167 15.0 11.0 16.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115122.D
 Acq: 22 Jun 2019 15:57

Tgt Ion:188 Resp: 966018
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.6 12.8
 80 9.8 8.8 13.2

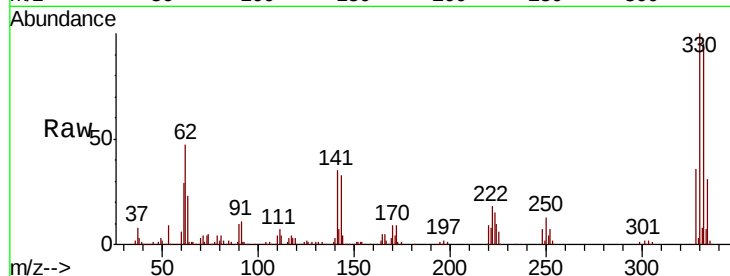




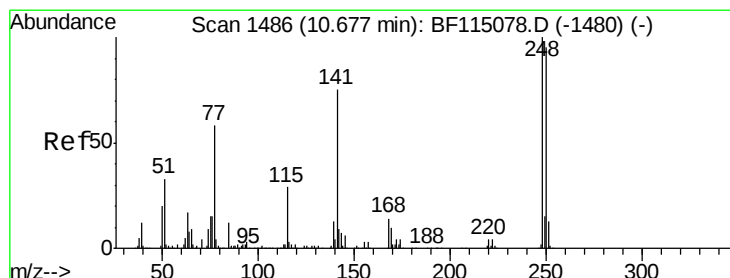
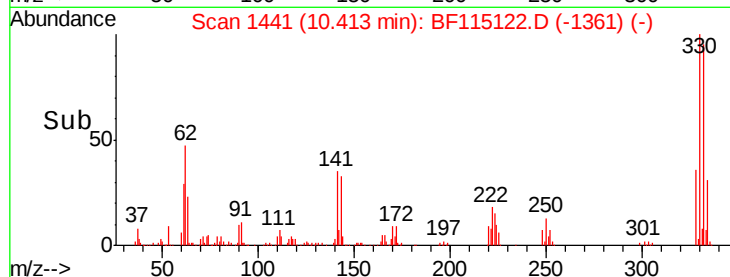
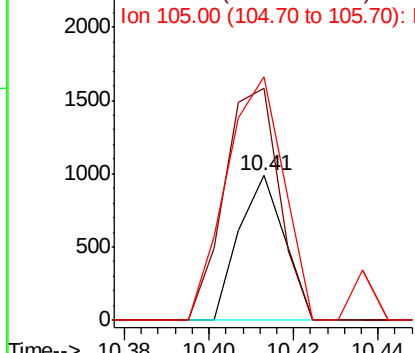
#65
4,6-Dinitro-2-methylphenol
Concen: 5.089 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.17 min
Lab File: BF115122.D
Acq: 22 Jun 2019 15:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-2

Tot Ion:198 Resp: 740
Ion Ratio Lower Upper
198 100
51 160.4 11.0 51.0#
105 168.3 17.3 57.3#

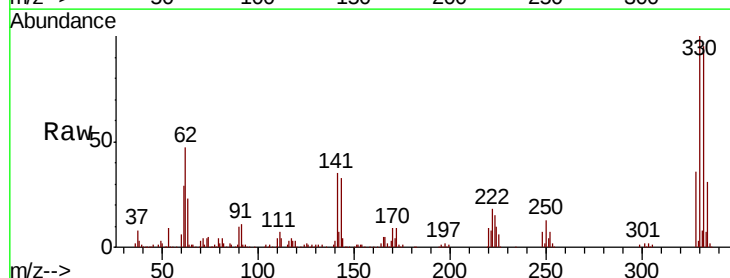


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

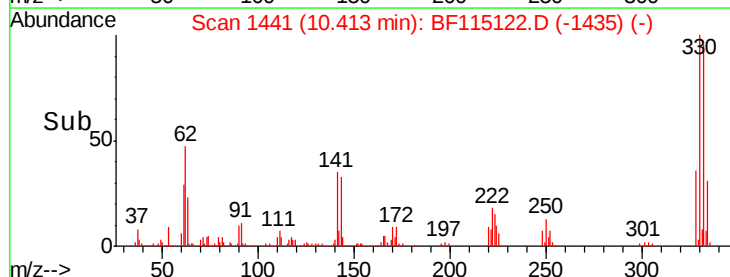
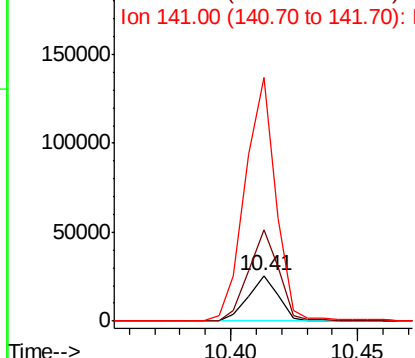


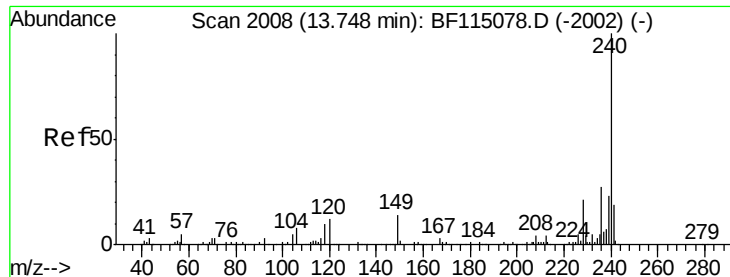
#67
4-Bromophenyl-phenylether
Concen: 2.063 ng
RT: 10.41 min Scan# 1441
Delta R.T. -0.26 min
Lab File: BF115122.D
Acq: 22 Jun 2019 15:57

Tgt Ion:248 Resp: 21610
Ion Ratio Lower Upper
248 100
250 200.7 76.2 114.2#
141 531.5 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

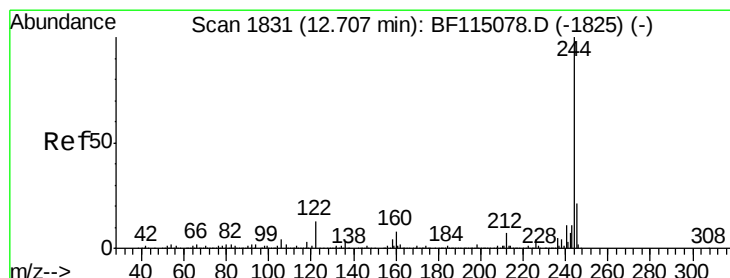
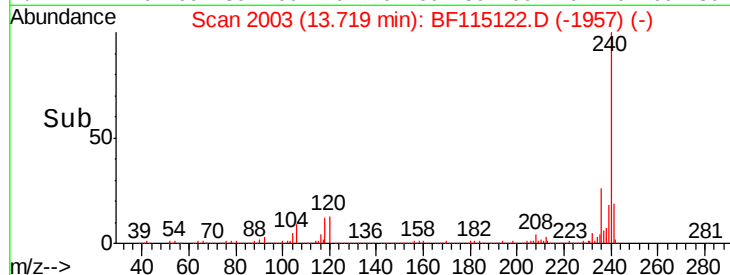
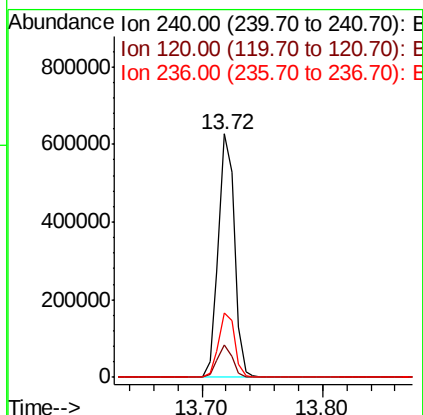
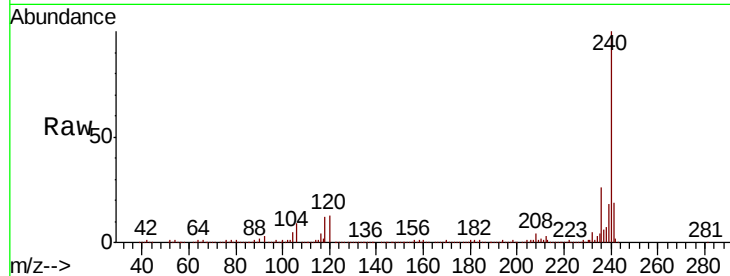




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. -0.03 min
 Lab File: BF115122.D
 Acq: 22 Jun 2019 15:57

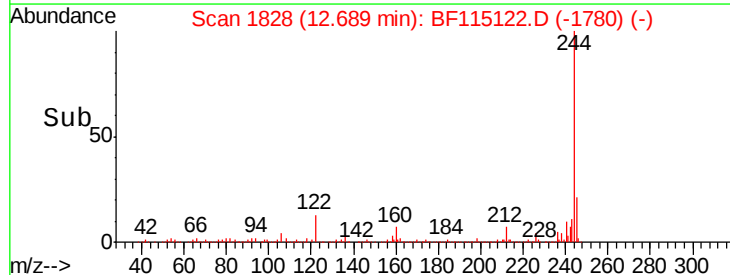
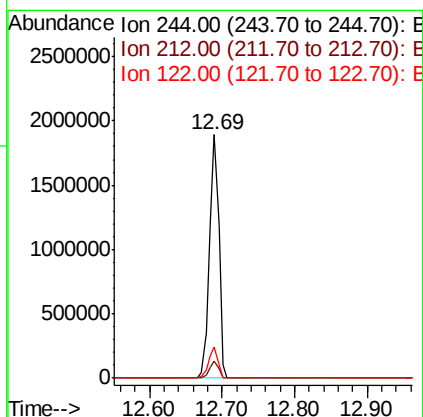
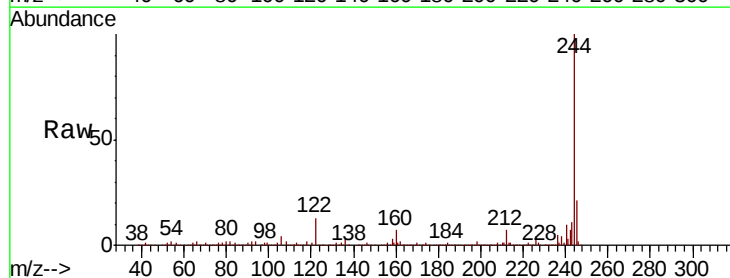
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-2

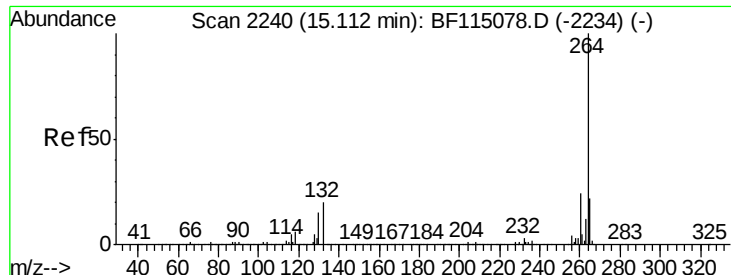
Tot Ion:240 Resp: 575515
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.4 14.2
 236 26.2 21.7 32.5



#79
 Terphenyl-d14
 Concen: 62.737 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF115122.D
 Acq: 22 Jun 2019 15:57

Tgt Ion:244 Resp: 1698175
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.6 10.4 15.6

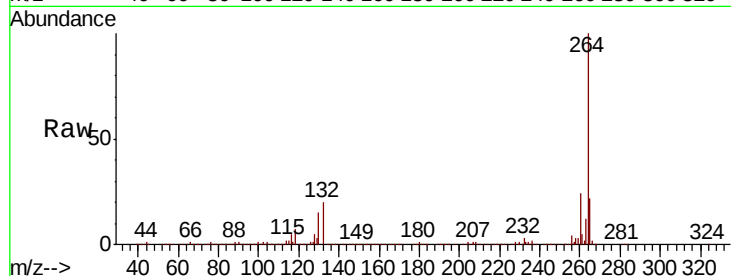




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.03 min
 Lab File: BF115122.D
 Acq: 22 Jun 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-2

Tot Ion:	264	Resp:	630663
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

