

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115201.D
 Acq On : 25 Jun 2019 21:31
 Operator : HP/JU
 Sample : K3164-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08

Quant Time: Jun 26 05:50:42 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

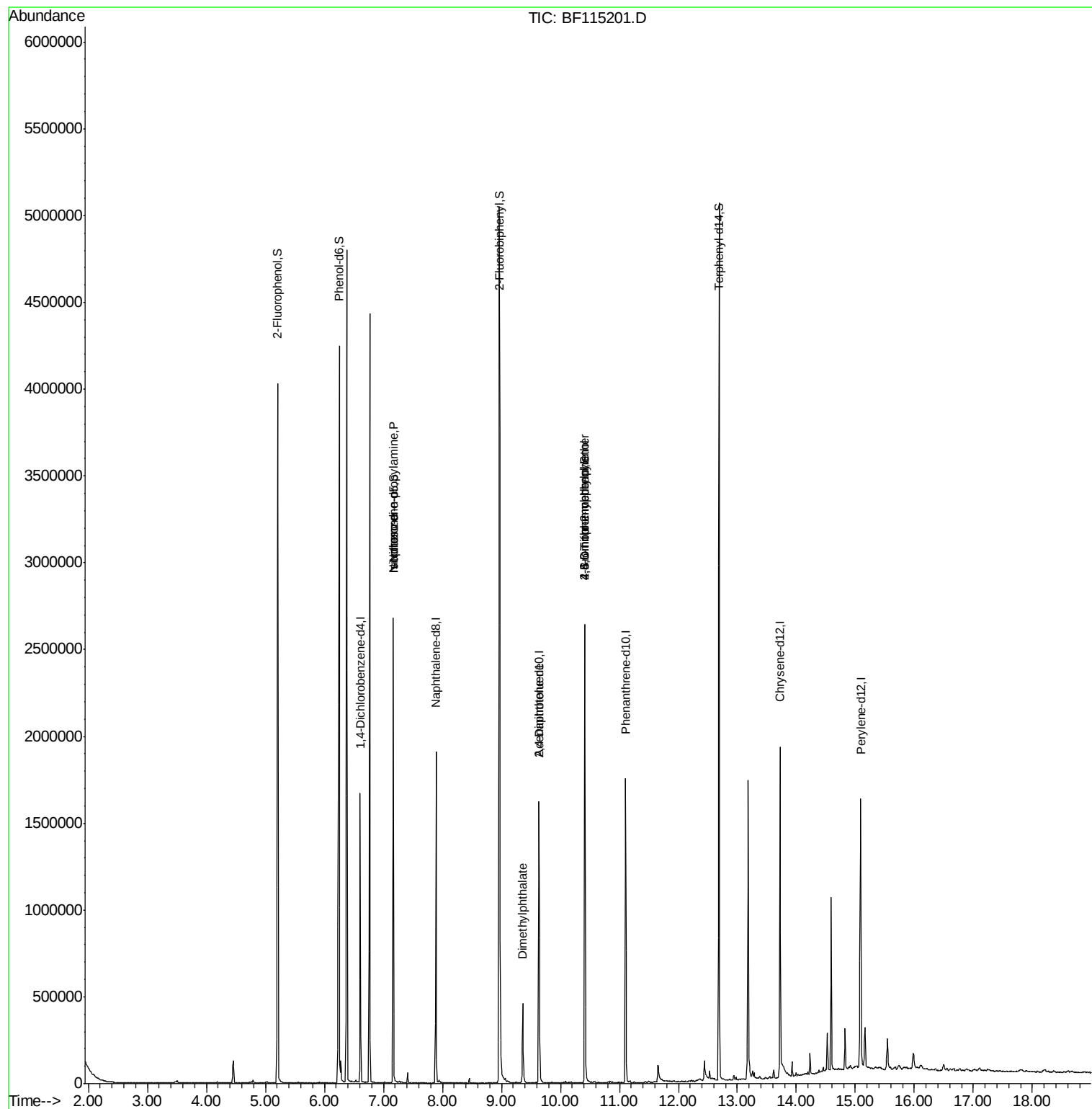
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	243668	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	842803	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	359996	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	605906	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	568180	20.00	ng	-0.02
87) Perylene-d12	15.09	264	662514	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1350164	85.51	ng	0.00
7) Phenol-d6	6.25	99	1633626	85.24	ng	0.00
23) Nitrobenzene-d5	7.17	82	980346	71.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.42	330	340171	89.61	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1833540	86.51	ng	-0.02
79) Terphenyl-d14	12.69	244	1702330	63.70	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	129446	10.550	ng	# 78
25) Isophorone	7.17	82	958639	34.156	ng	# 63
50) Dimethylphthalate	9.36	163	241396	9.114	ng	# 99
57) 2,4-Dinitrotoluene	9.64	165	45328	5.741	ng	# 30
58) Fluorene	10.41	166	16332	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	779	5.177	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	20775	3.162	ng	# 1

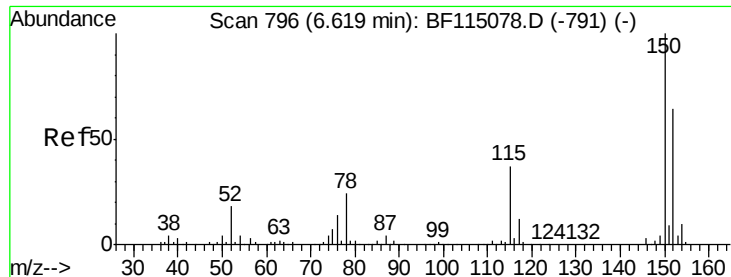
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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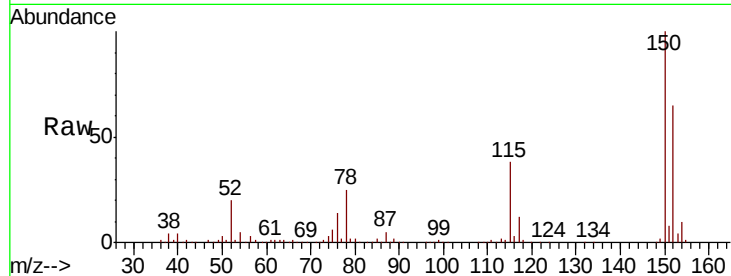


#1

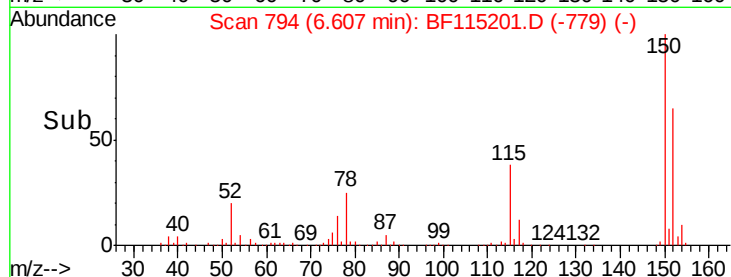
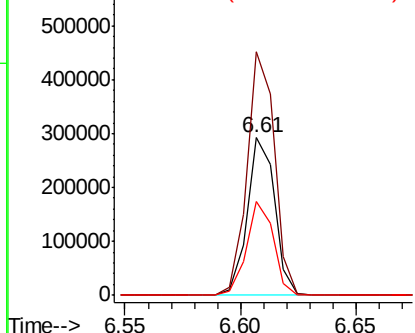
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF115201.D
 Acq: 25 Jun 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08

Tgt Ion:152 Resp: 243668
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 59.5 46.1 69.1



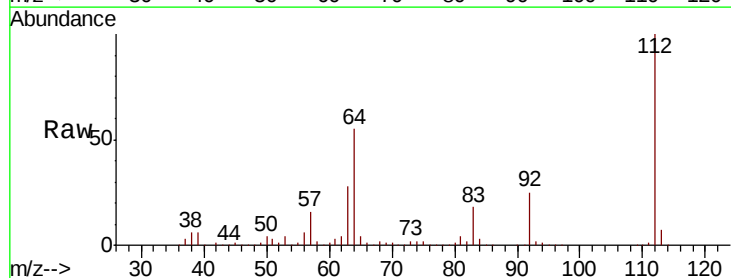
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



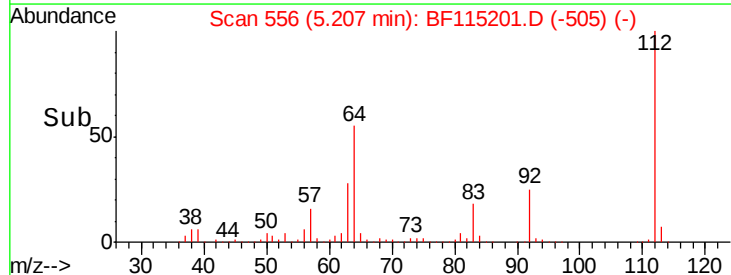
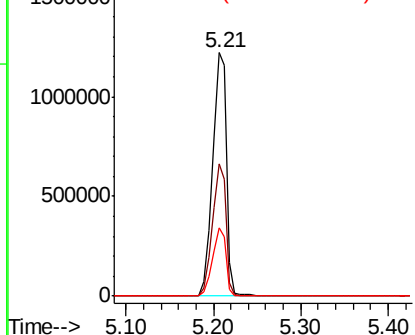
#5

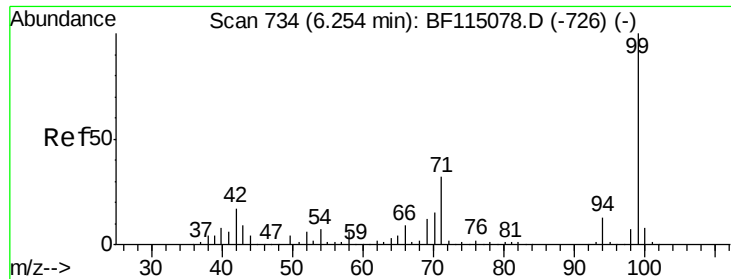
2-Fluorophenol
 Concen: 85.507 ng
 RT: 5.21 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF115201.D
 Acq: 25 Jun 2019 21:31

Tgt Ion:112 Resp: 1350164
 Ion Ratio Lower Upper
 112 100
 64 54.6 43.8 65.6
 63 28.1 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: 85.239 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115201.D

Acq: 25 Jun 2019 21:31

Instrument :

BNA_F

ClientSampleId :

BAT-B08

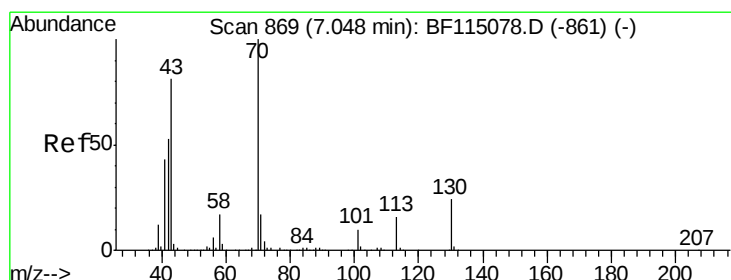
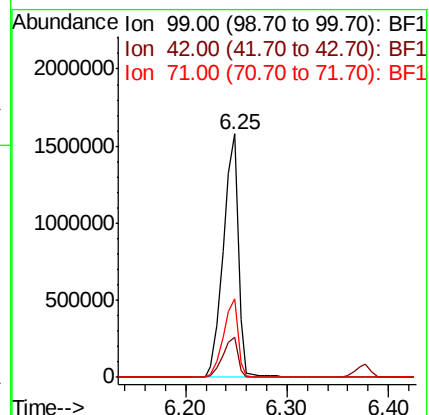
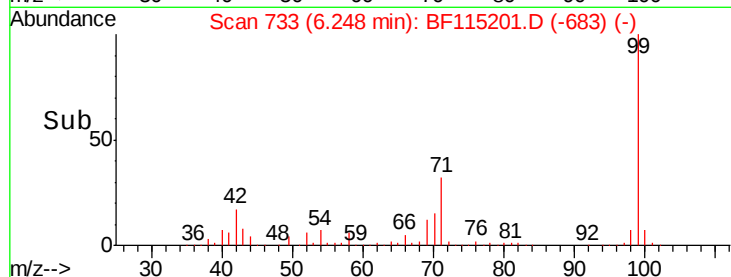
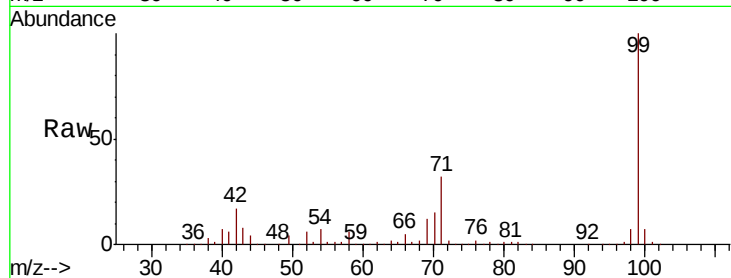
Tgt Ion: 99 Resp: 1633626

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 32.1 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.550 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.12 min

Lab File: BF115201.D

Acq: 25 Jun 2019 21:31

Tgt Ion: 70 Resp: 129446

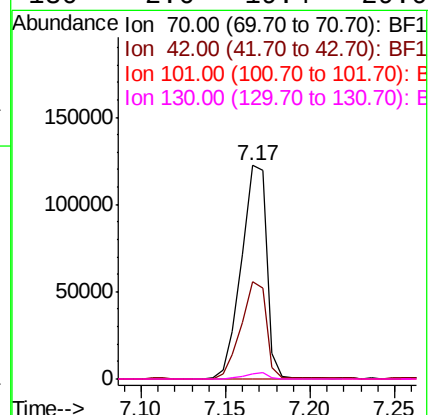
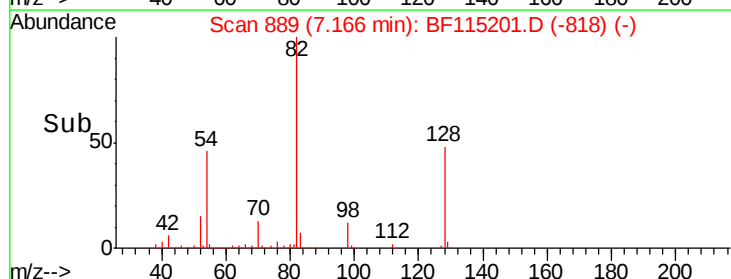
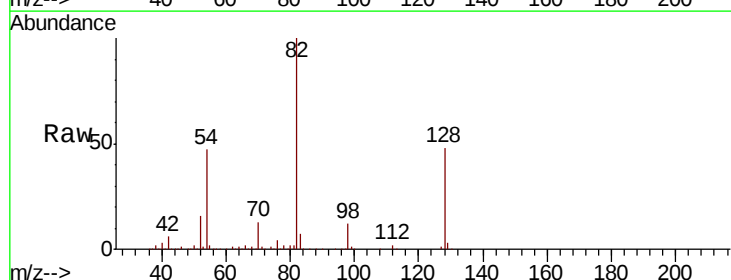
Ion Ratio Lower Upper

70 100

42 45.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.6 19.4 29.0#

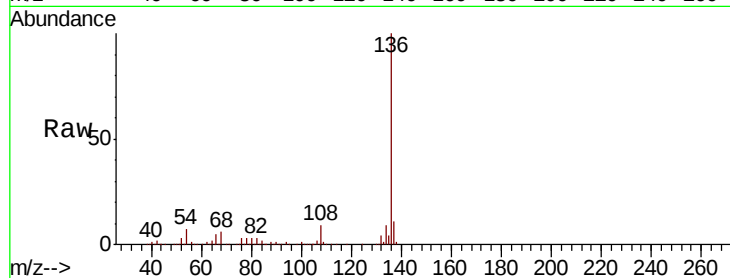




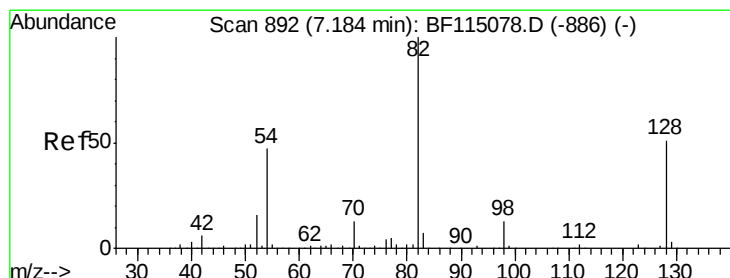
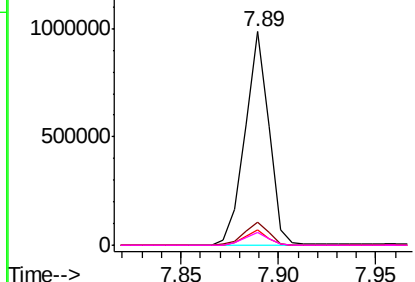
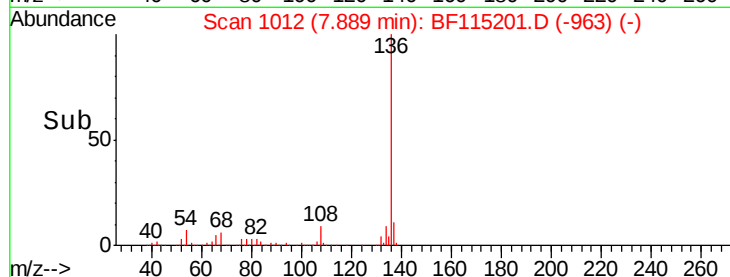
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115201.D
Acq: 25 Jun 2019 21:31

Instrument :
BNA_F
ClientSampleId :
BAT-B08

Tgt Ion:	136	Resp:	842803
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	5.6	8.4
68	6.0	4.8	7.2

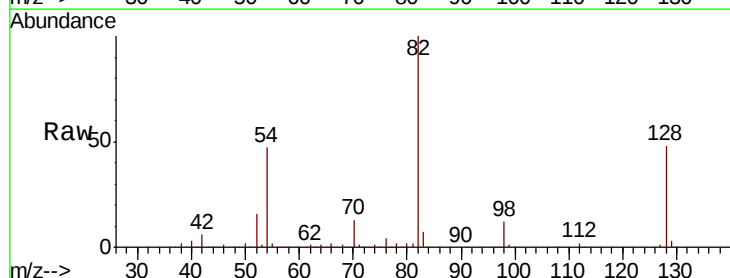


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

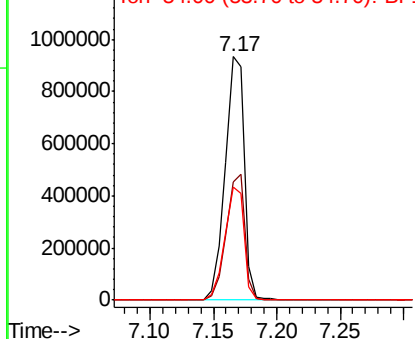
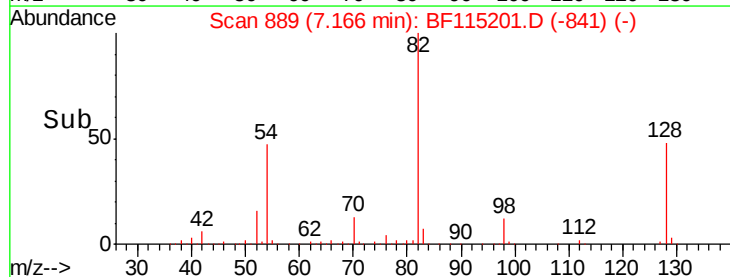


#23
Nitrobenzene-d5
Concen: 71.555 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115201.D
Acq: 25 Jun 2019 21:31

Tgt Ion:	82	Resp:	980346
Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.4	60.6
54	46.6	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: 34.156 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF115201.D

Acq: 25 Jun 2019 21:31

Instrument :

BNA_F

ClientSampleId :

BAT-B08

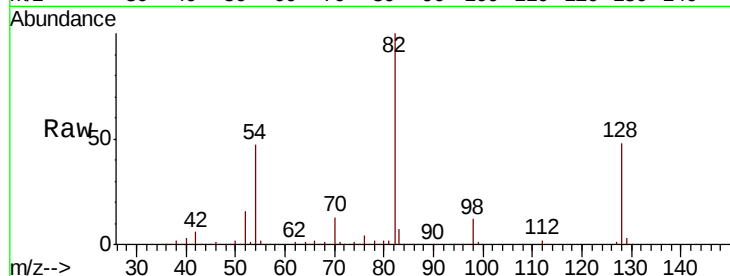
Tgt Ion: 82 Resp: 958639

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

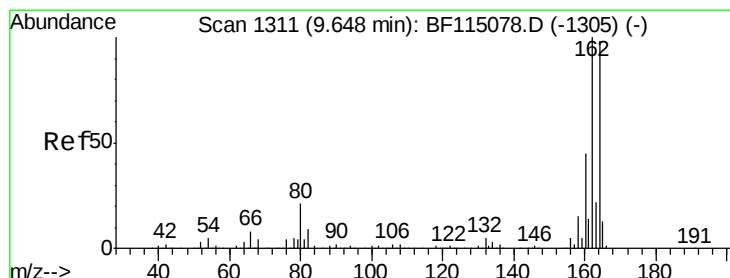
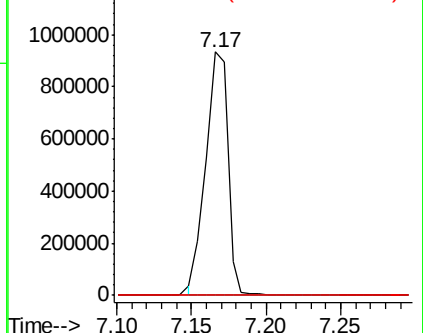
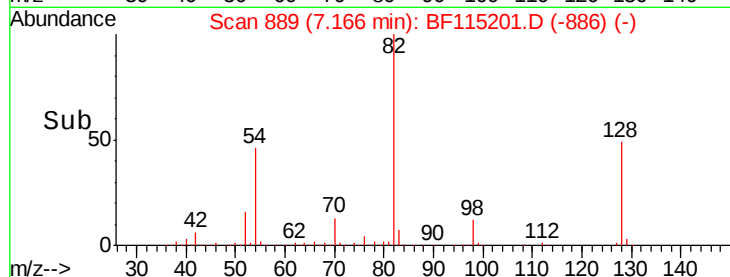
138 0.0 15.9 23.9#



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: BF115201.D

Acq: 25 Jun 2019 21:31

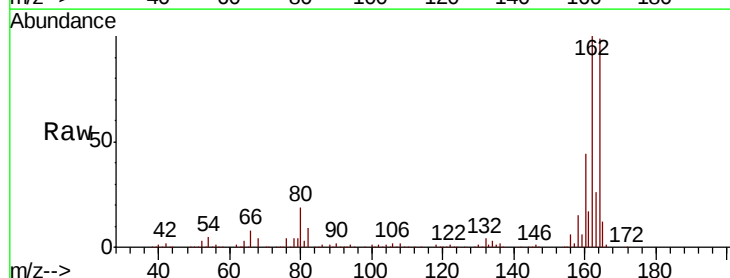
Tgt Ion: 164 Resp: 359996

Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

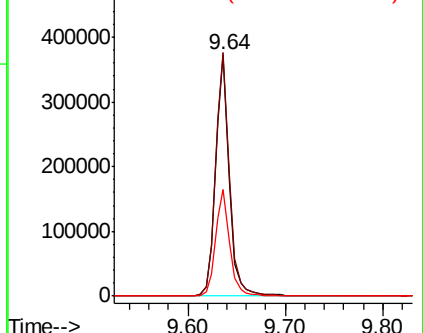
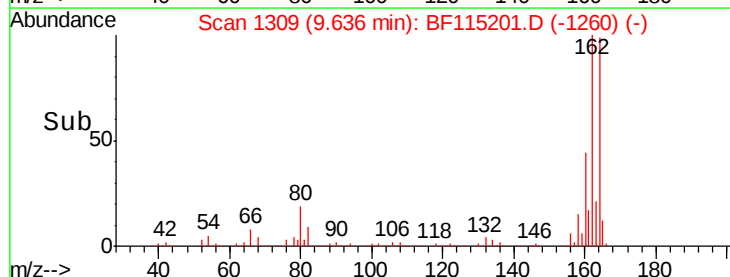
160 44.4 37.0 55.4



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: 89.606 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115201.D

Acq: 25 Jun 2019 21:31

Instrument :

BNA_F

ClientSampleId :

BAT-B08

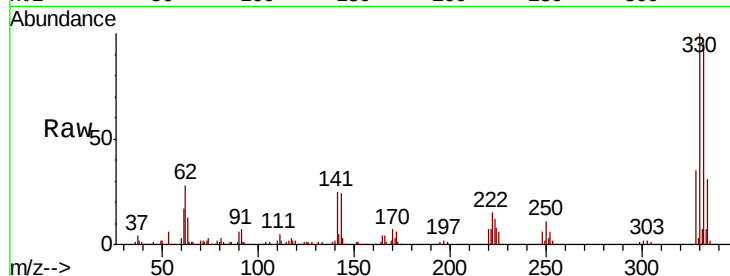
Tgt Ion:330 Resp: 340171

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

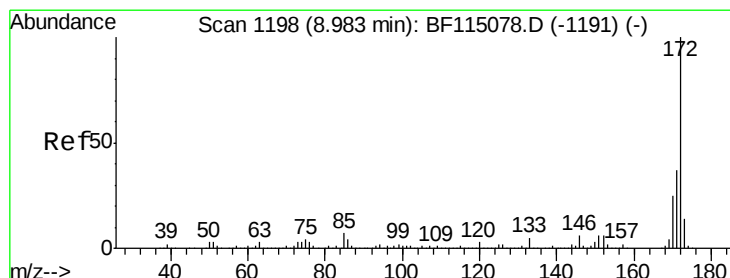
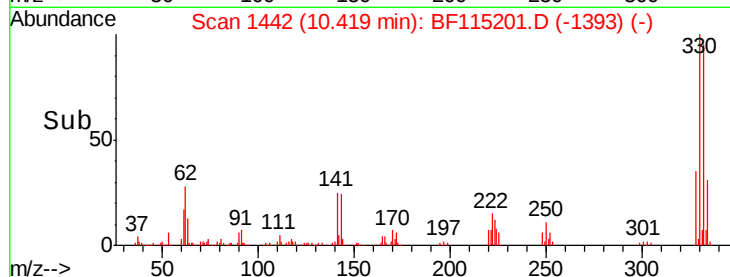
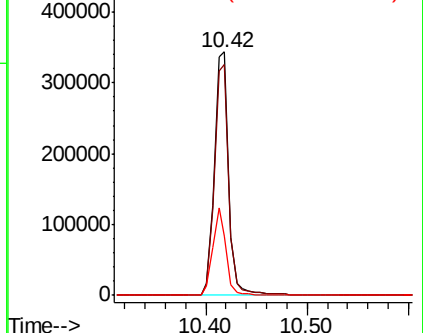
141 33.0 28.2 42.2



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: 86.515 ng

RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF115201.D

Acq: 25 Jun 2019 21:31

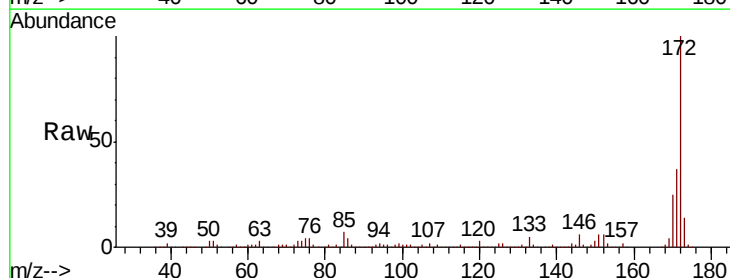
Tgt Ion:172 Resp: 1833540

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.6

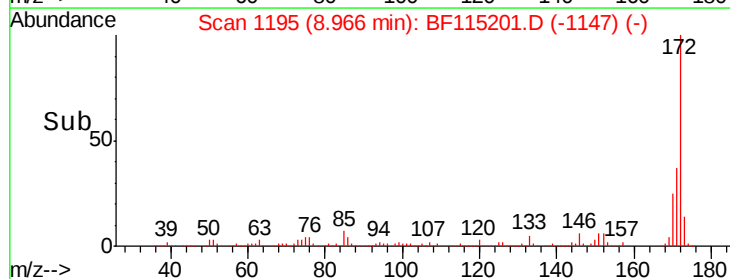
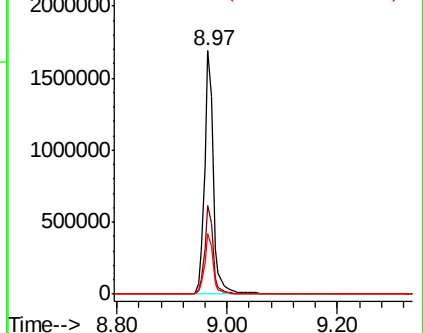
170 24.9 20.3 30.5

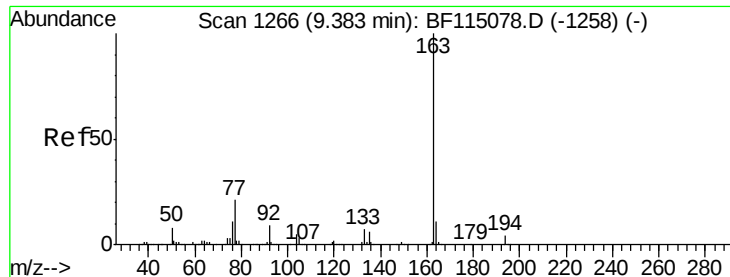


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

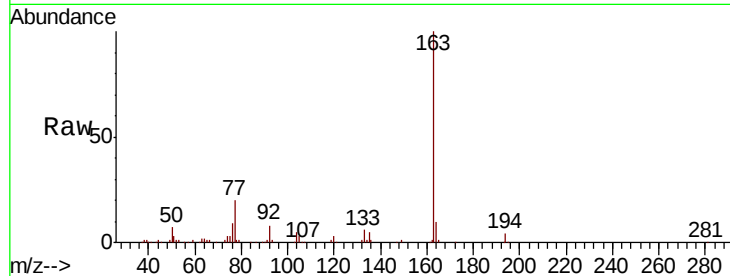




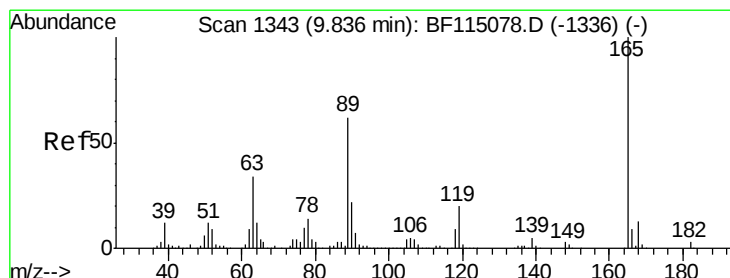
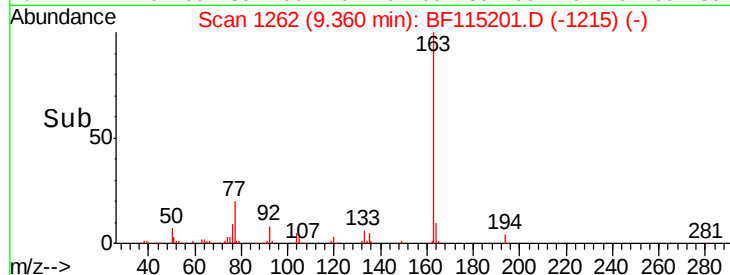
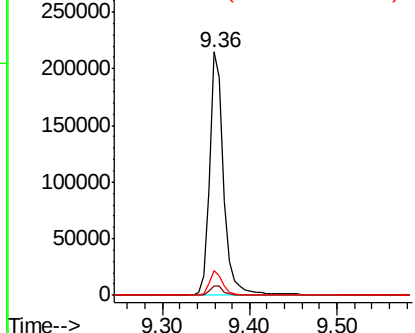
#50
Dimethylphthalate
Concen: 9.114 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115201.D
Acq: 25 Jun 2019 21:31

Instrument :
BNA_F
ClientSampleId :
BAT-B08

Tgt Ion:163 Resp: 241396
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.6 13.0

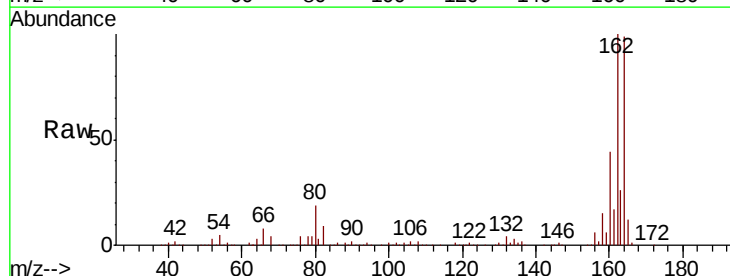


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

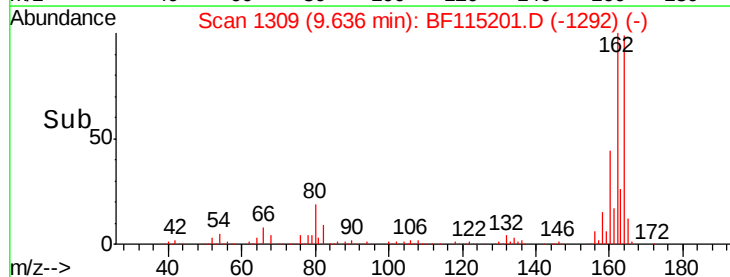
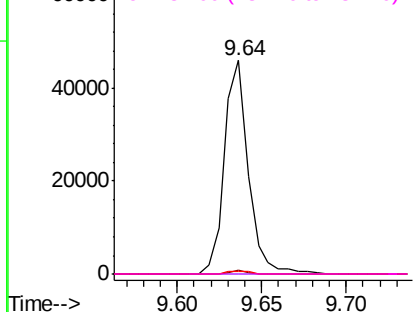


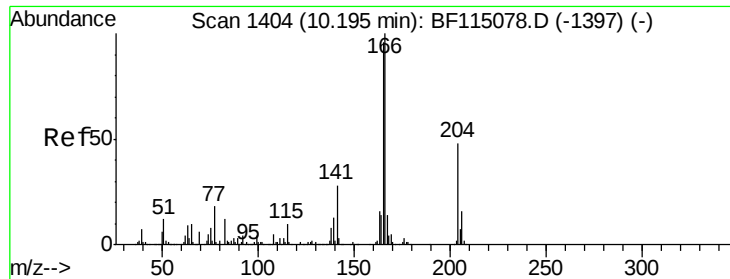
#57
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115201.D
Acq: 25 Jun 2019 21:31

Tgt Ion:165 Resp: 45328
Ion Ratio Lower Upper
165 100
63 1.5 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: 10.41 min Scan# 1441

Delta R.T. 0.22 min

Lab File: BF115201.D

Acq: 25 Jun 2019 21:31

Instrument :

BNA_F

ClientSampleId :

BAT-B08

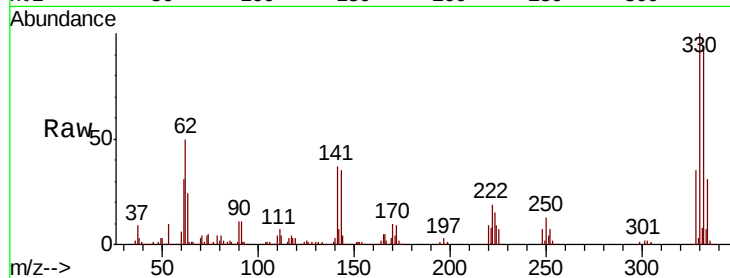
Tgt Ion:166 Resp: 16332

Ion Ratio Lower Upper

166 100

165 100.2 76.5 114.7

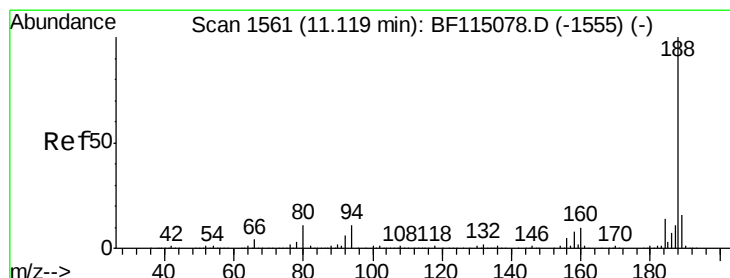
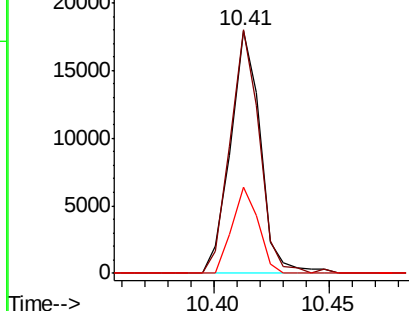
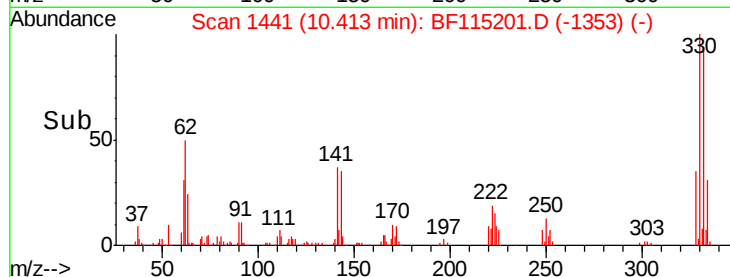
167 35.3 11.0 16.4#



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: BF115201.D

Acq: 25 Jun 2019 21:31

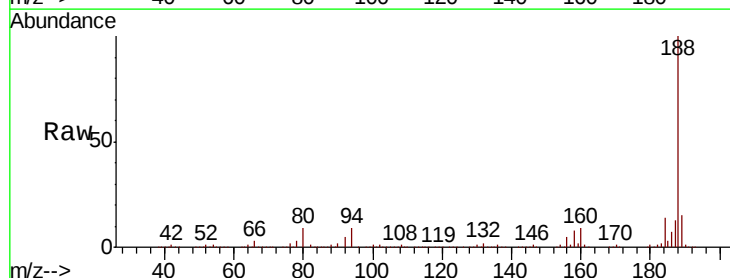
Tgt Ion:188 Resp: 605906

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

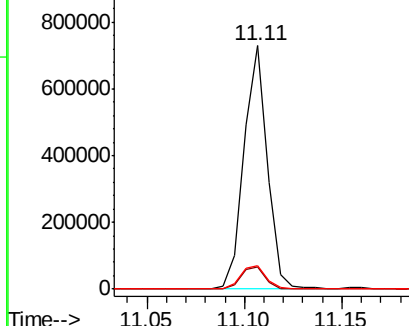
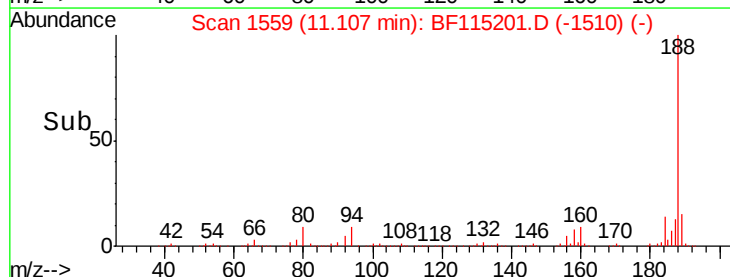
80 9.4 8.8 13.2

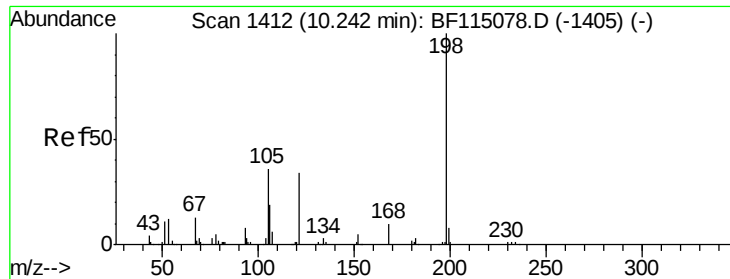


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

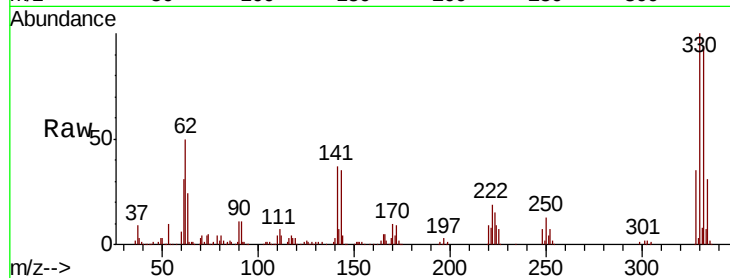




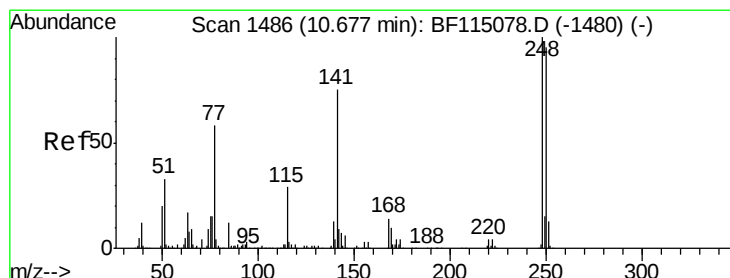
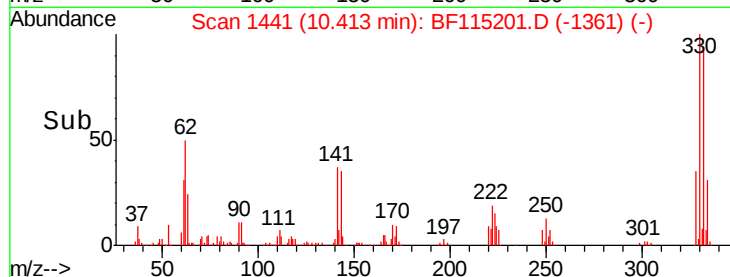
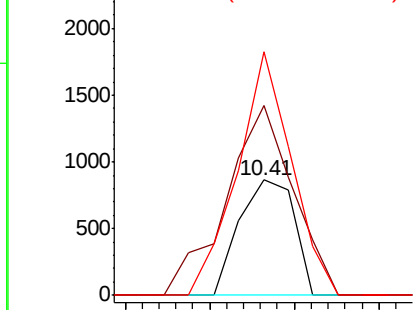
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.177 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.17 min
 Lab File: BF115201.D
 Acq: 25 Jun 2019 21:31

Instrument :
 BNA_F
 ClientSampled :
 BAT-B08

Tgt Ion:198 Resp: 779
 Ion Ratio Lower Upper
 198 100
 51 164.2 11.0 51.0#
 105 210.7 17.3 57.3#

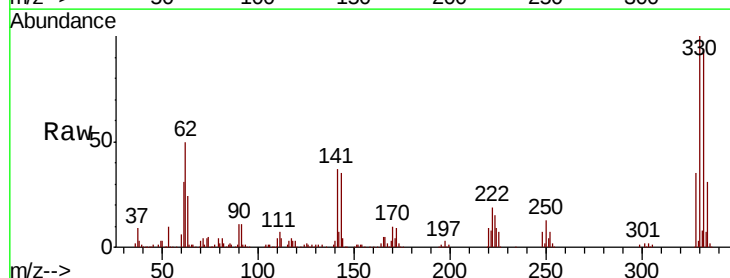


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

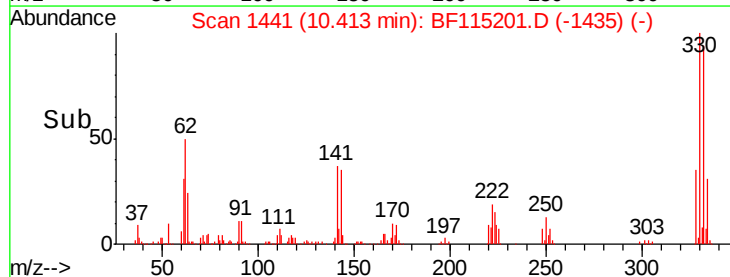
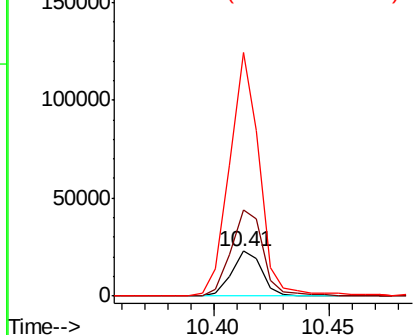


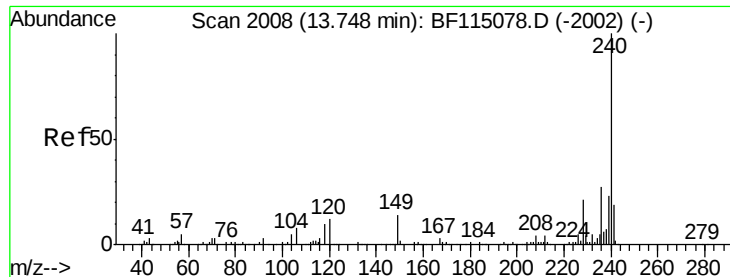
#67
 4-Bromophenyl-phenylether
 Concen: 3.162 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.26 min
 Lab File: BF115201.D
 Acq: 25 Jun 2019 21:31

Tgt Ion:248 Resp: 20775
 Ion Ratio Lower Upper
 248 100
 250 193.9 76.2 114.2#
 141 545.3 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

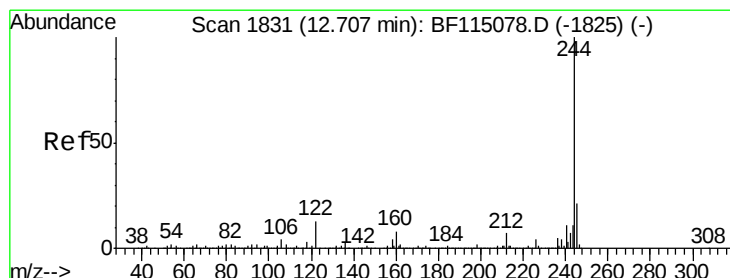
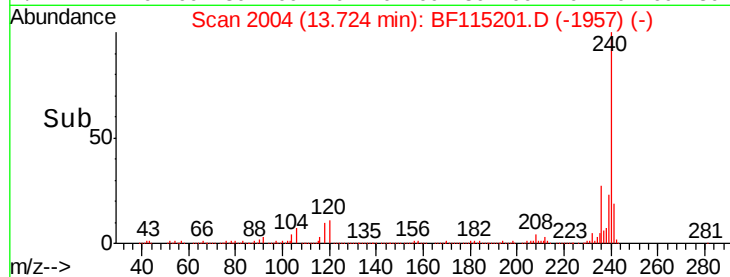
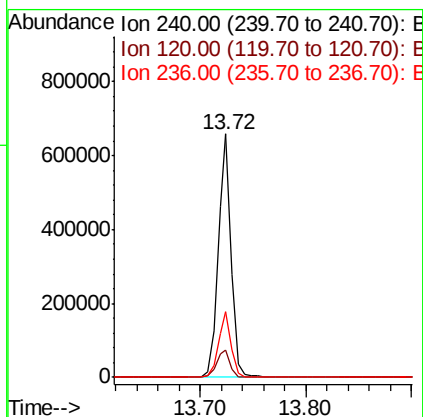
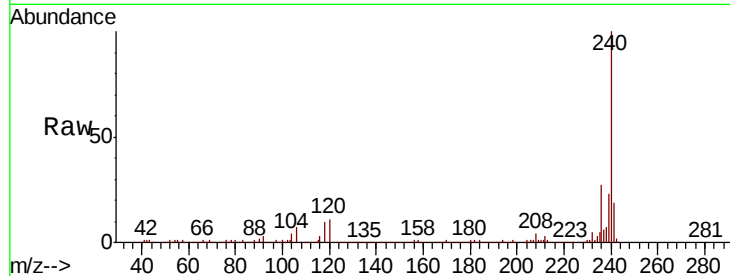




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115201.D
Acq: 25 Jun 2019 21:31

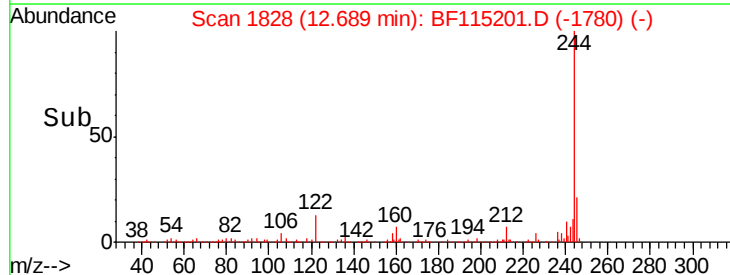
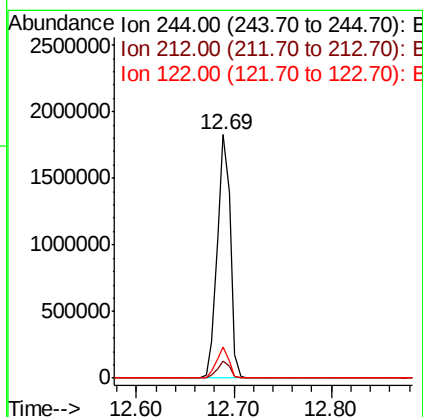
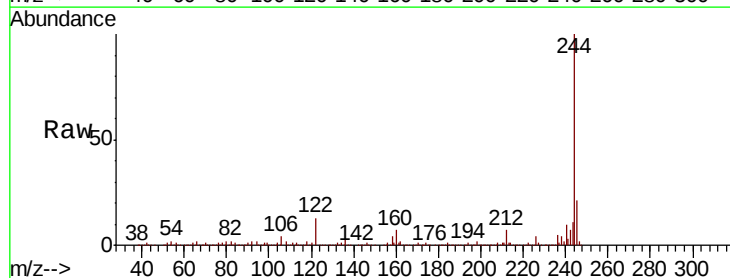
Instrument :
BNA_F
ClientSampleId :
BAT-B08

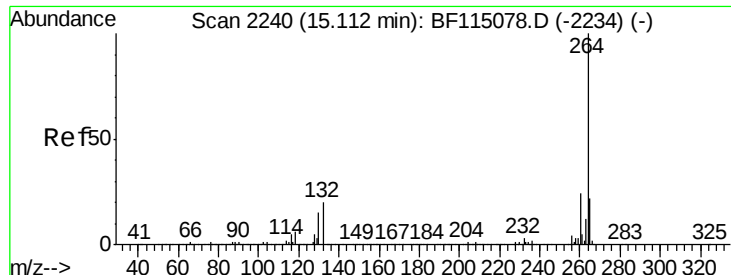
Tgt Ion:240 Resp: 568180
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 27.1 21.7 32.5



#79
Terphenyl-d14
Concen: 63.702 ng
RT: 12.69 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115201.D
Acq: 25 Jun 2019 21:31

Tgt Ion:244 Resp: 1702330
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 12.7 10.4 15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115201.D
Acq: 25 Jun 2019 21:31

Instrument :
BNA_F
ClientSampleId :
BAT-B08

Tgt Ion:	264	Resp:	662514
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.7	17.3	25.9

