

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115180.D
 Acq On : 25 Jun 2019 10:44
 Operator : HP/JU
 Sample : PB120877BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BL

Quant Time: Jun 26 05:41:35 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

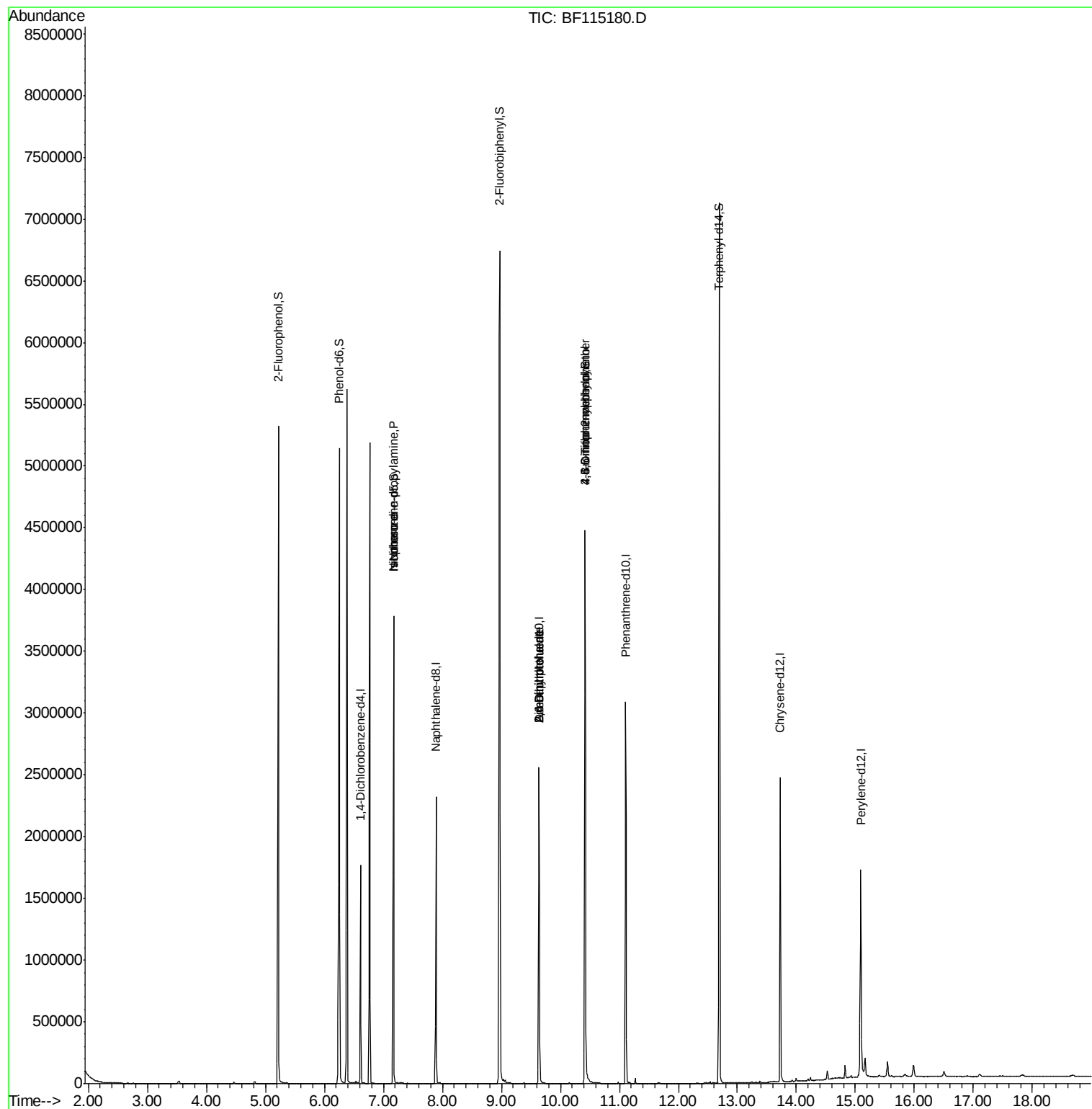
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	276297	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1070707	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	549082	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1093654	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	862607	20.00	ng	-0.02
87) Perylene-d12	15.09	264	885255	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1758471	98.21	ng	0.01
7) Phenol-d6	6.25	99	2164418	99.60	ng	0.00
23) Nitrobenzene-d5	7.17	82	1322681	75.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	636459	109.92	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2525980	78.14	ng	-0.01
79) Terphenyl-d14	12.70	244	2873593	70.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	173965	12.504	ng	# 78
25) Isophorone	7.17	82	1298665	36.422	ng	# 63
50) Dimethylphthalate	9.64	163	148010	3.664	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	70448	7.554	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	70577	5.861	ng	# 30
58) Fluorene	10.42	166	28014	Below Cal		# 90
65) 4,6-Dinitro-2-methylphenol	10.42	198	1176	5.141	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	39247	3.310	ng	# 1

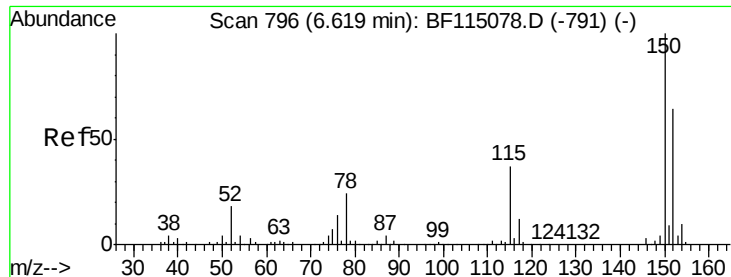
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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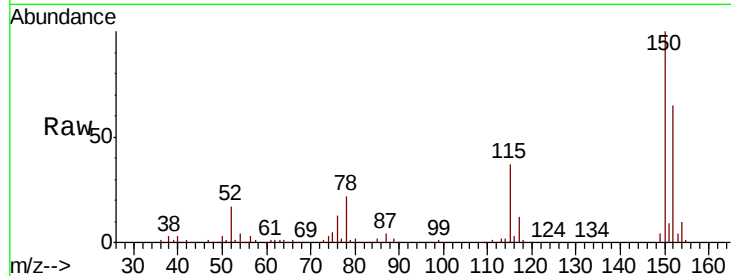


#1

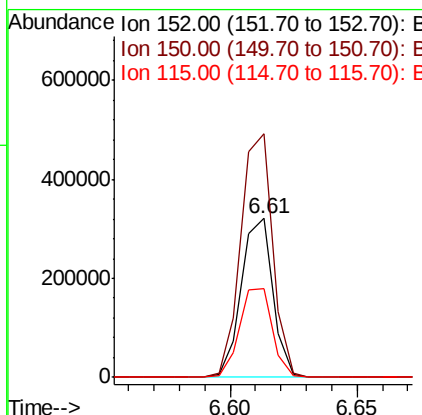
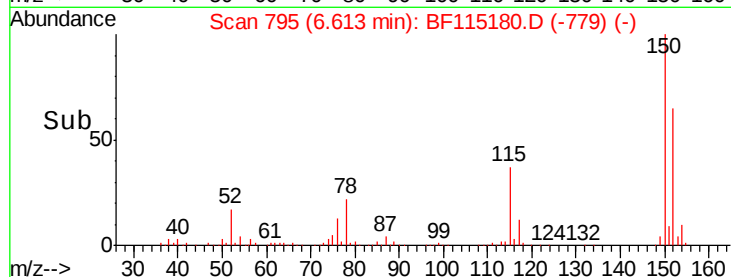
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB120877BL

Tgt Ion:152 Resp: 276297
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.2
115 56.3 46.1 69.1



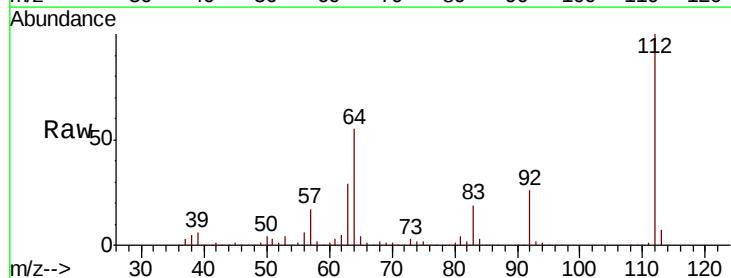
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



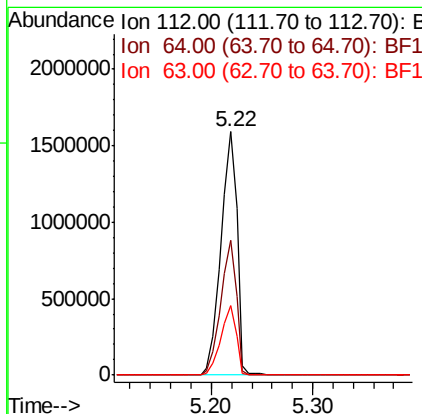
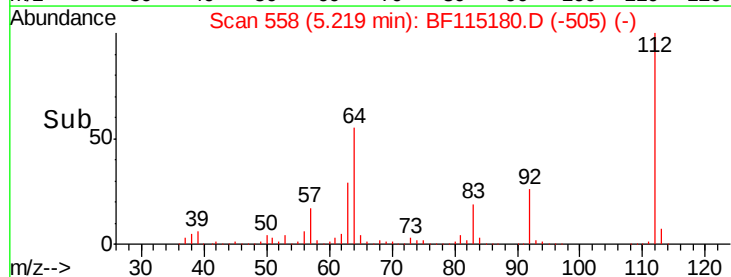
#5

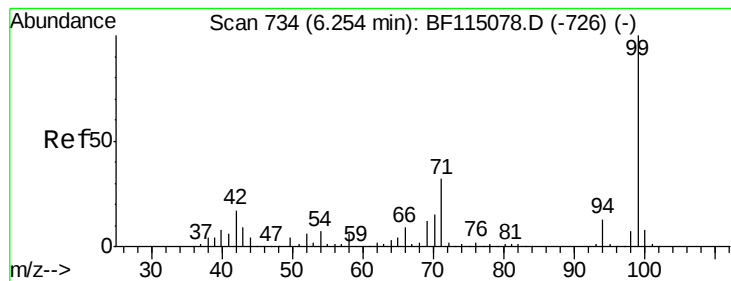
2-Fluorophenol
Concen: 98.214 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Tgt Ion:112 Resp: 1758471
Ion Ratio Lower Upper
112 100
64 55.1 43.8 65.6
63 28.5 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: 99.597 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB120877BL

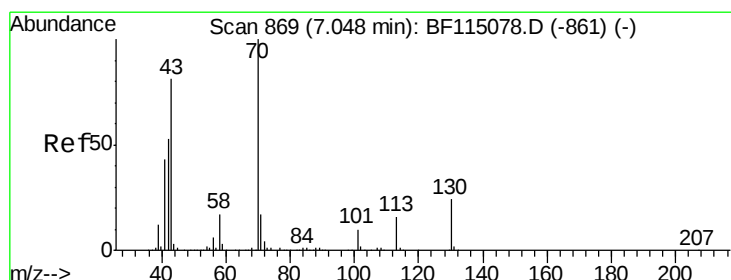
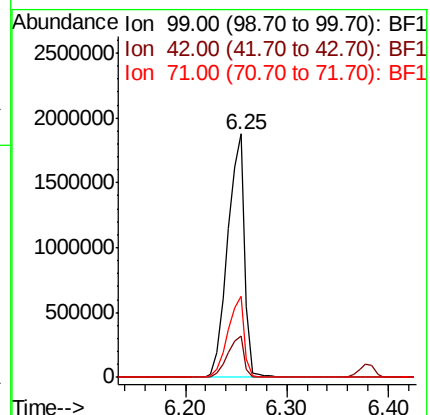
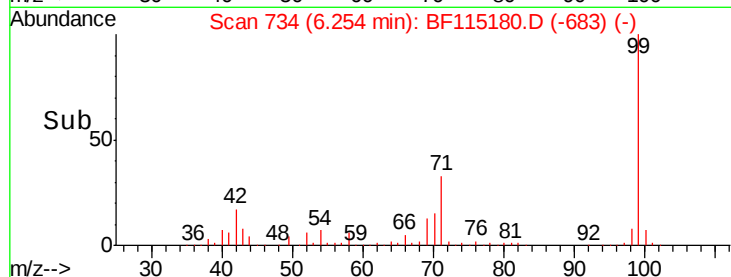
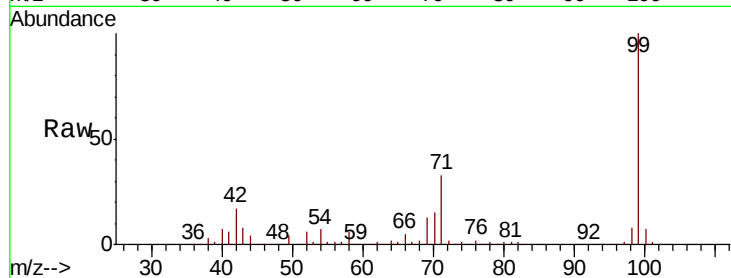
Tgt Ion: 99 Resp: 2164418

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

71 33.5 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.504 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

Tgt Ion: 70 Resp: 173965

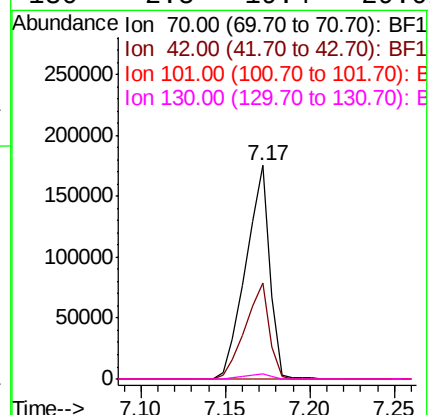
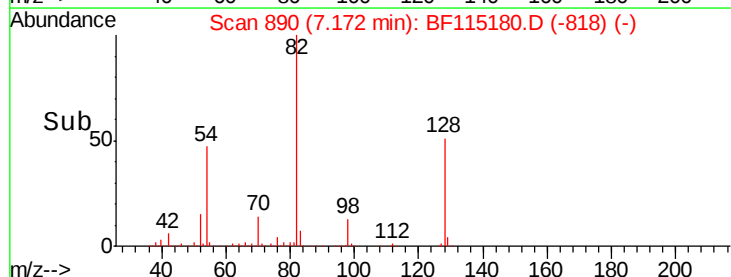
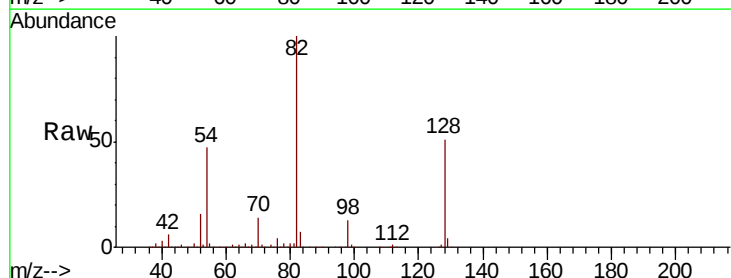
Ion Ratio Lower Upper

70 100

42 44.7 42.6 63.8

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

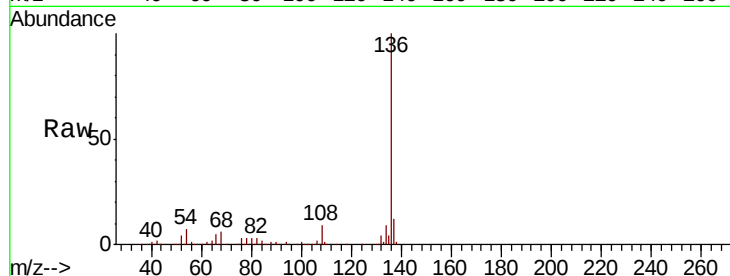




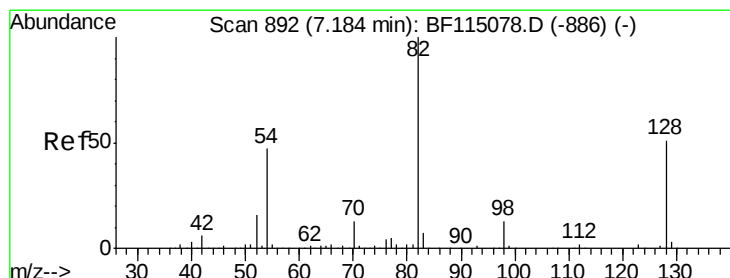
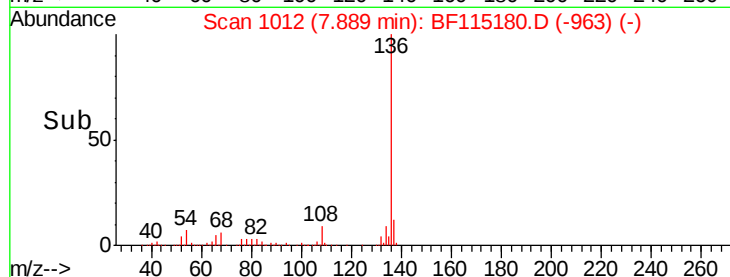
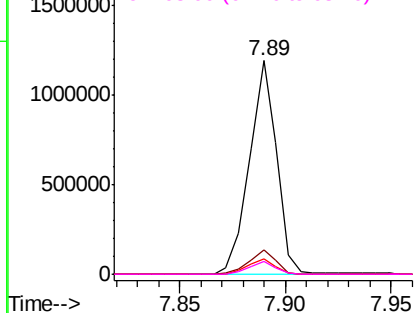
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB120877BL

Tgt Ion:	136	Resp:	1070707
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.0	5.6	8.4
68	6.1	4.8	7.2

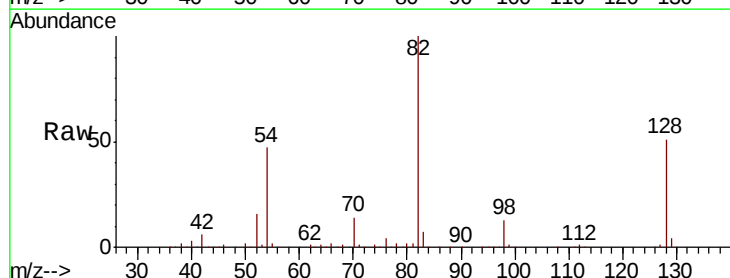


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

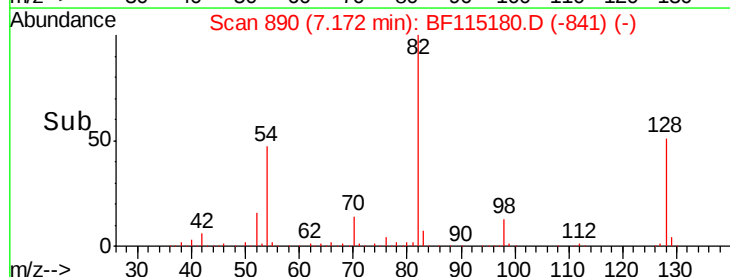
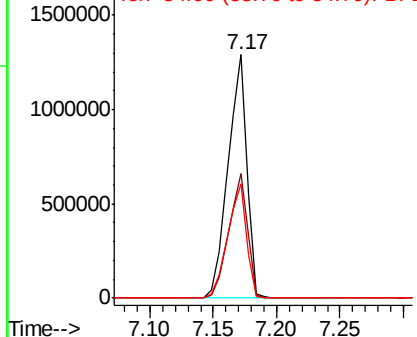


#23
Nitrobenzene-d5
Concen: 75.992 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Tgt Ion:	82	Resp:	1322681
Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.4	60.6
54	46.8	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: 36.422 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB120877BL

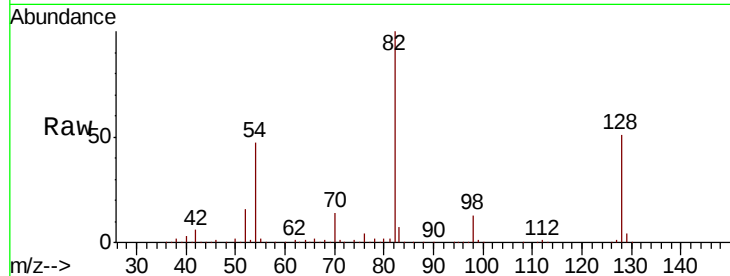
Tgt Ion: 82 Resp: 1298665

Ion Ratio Lower Upper

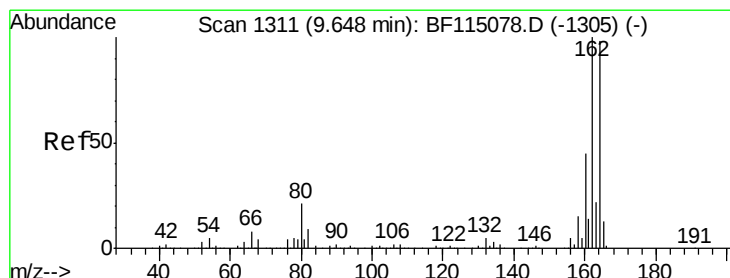
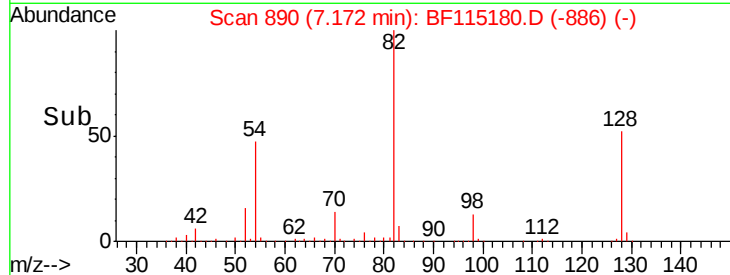
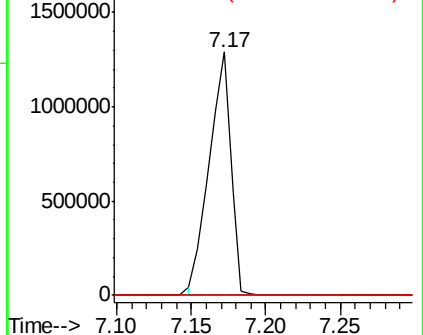
82 100

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: BF115180.D

Acq: 25 Jun 2019 10:44

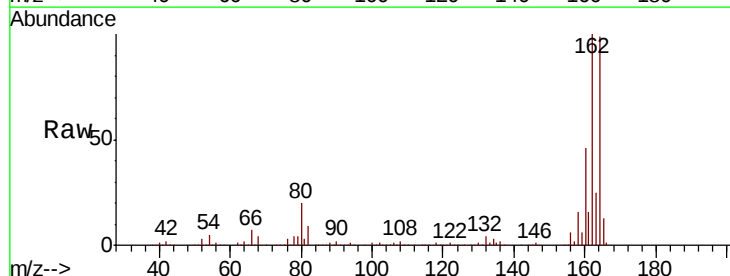
Tgt Ion: 164 Resp: 549082

Ion Ratio Lower Upper

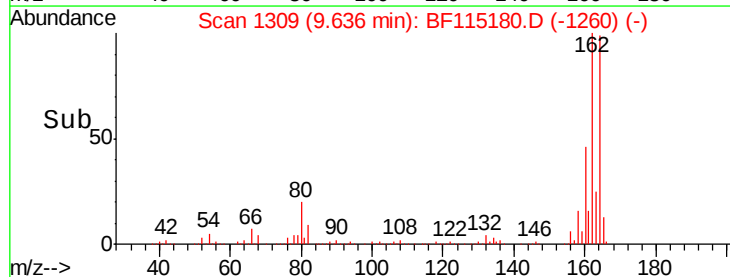
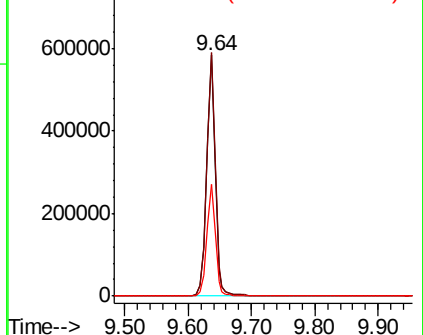
164 100

162 101.1 81.7 122.5

160 46.5 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: 109.919 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB120877BL

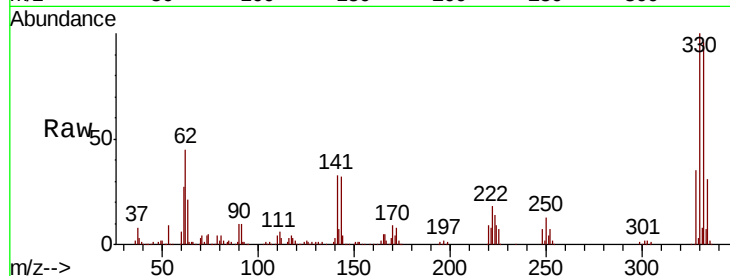
Tgt Ion:330 Resp: 636459

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

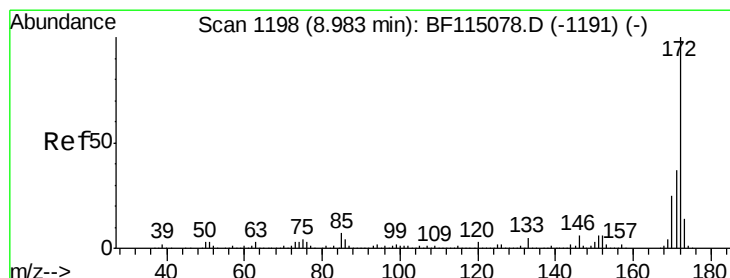
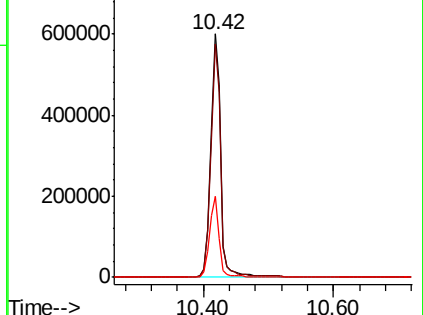
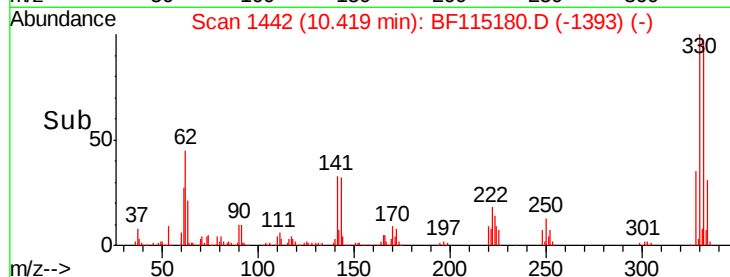
141 32.3 28.2 42.2



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: 78.143 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

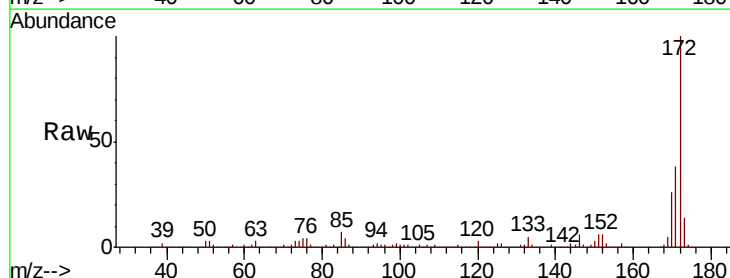
Tgt Ion:172 Resp: 2525980

Ion Ratio Lower Upper

172 100

171 38.1 29.8 44.6

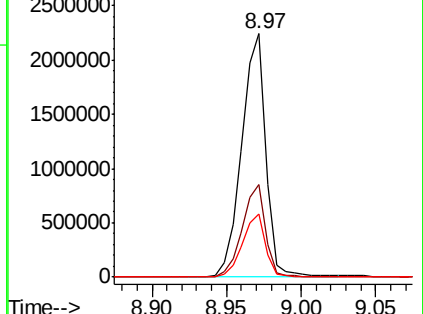
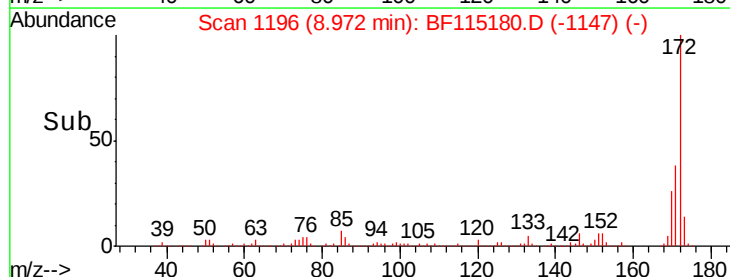
170 26.0 20.3 30.5



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: 3.664 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.25 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

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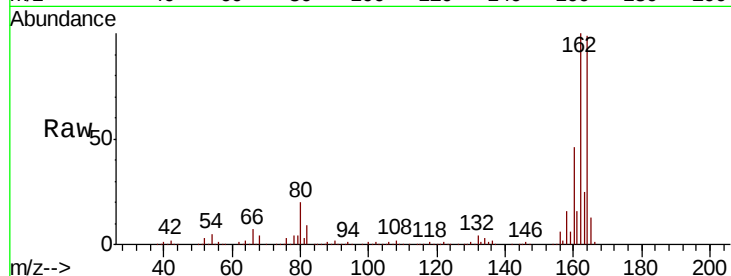
Tgt Ion:163 Resp: 148010

Ion Ratio Lower Upper

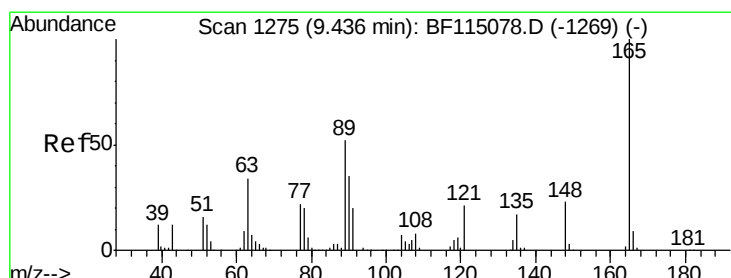
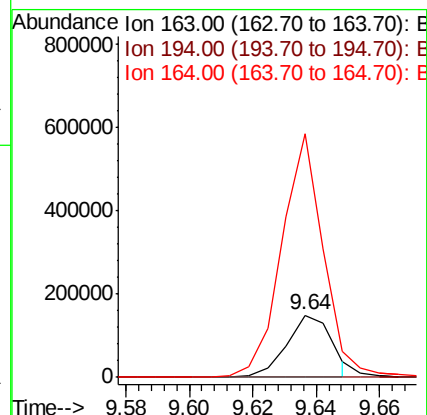
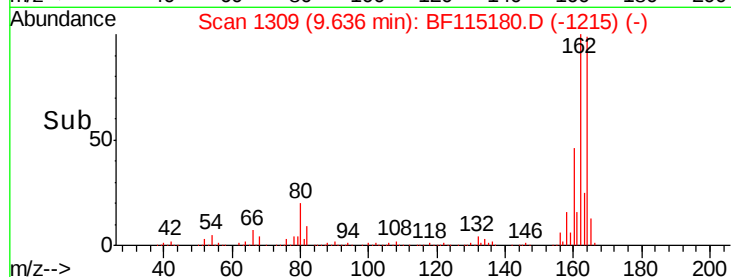
163 100

194 0.0 3.2 4.8#

164 392.0 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



#51

2,6-Dinitrotoluene

Concen: 7.554 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.20 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

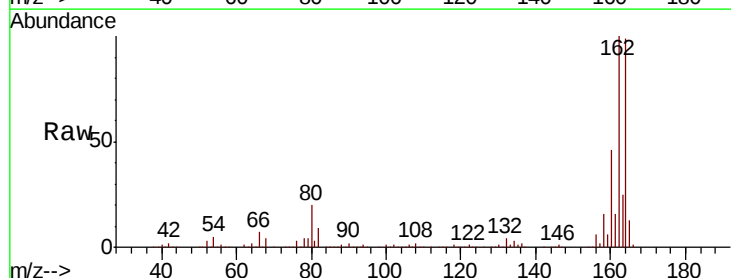
Tgt Ion:165 Resp: 70448

Ion Ratio Lower Upper

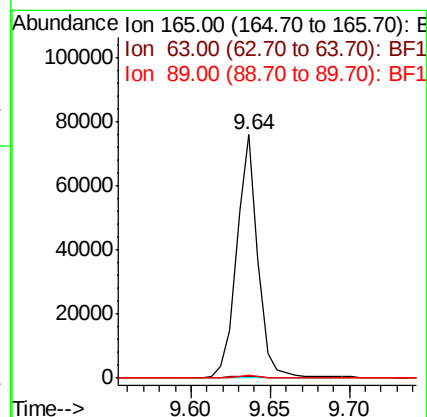
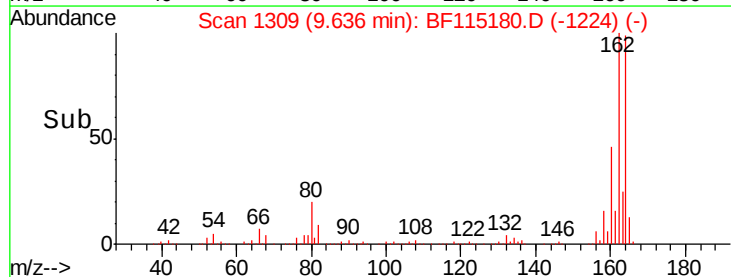
165 100

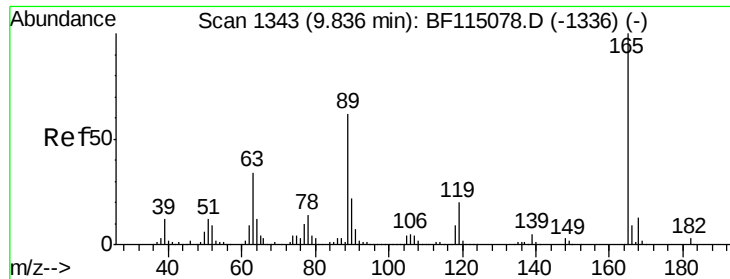
63 0.9 39.4 59.2#

89 1.3 42.0 63.0#



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

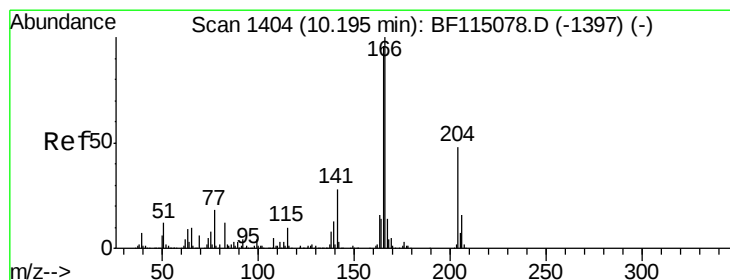
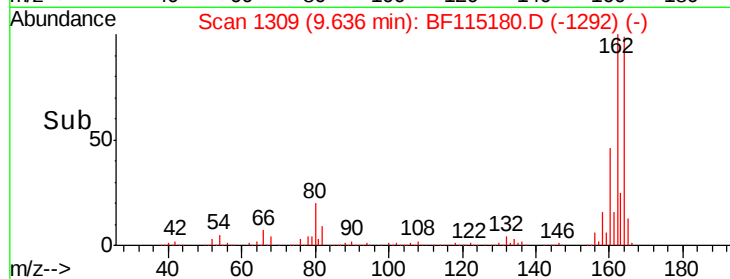
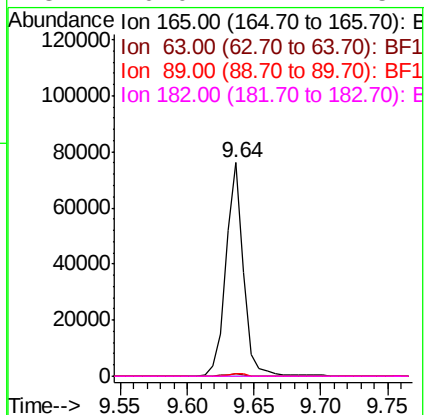
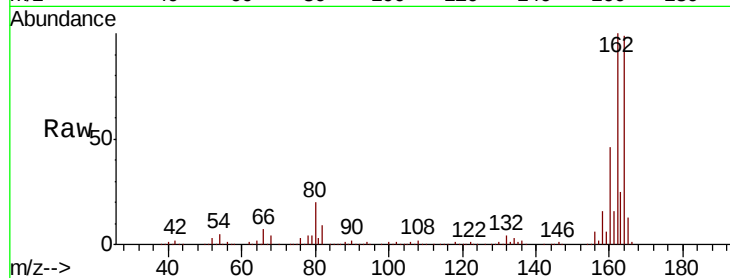




#57
2,4-Dinitrotoluene
Concen: 5.861 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

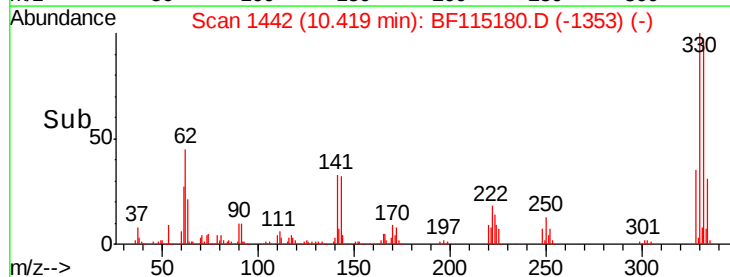
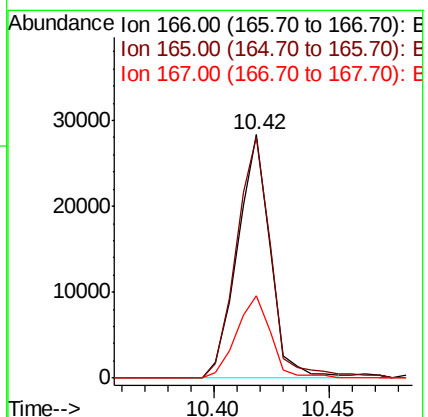
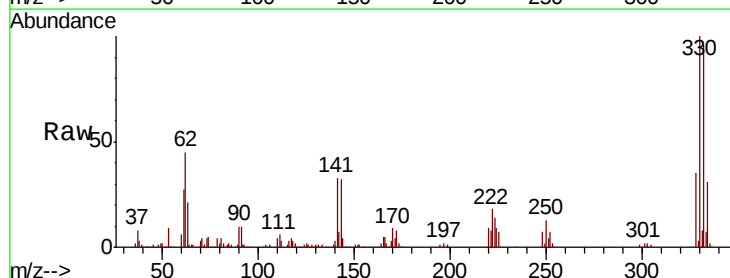
Instrument :
BNA_F
ClientSampleId :
PB120877BL

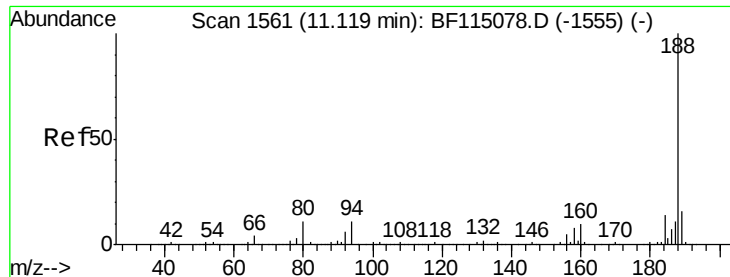
Tgt Ion:	165	Resp:	70577
Ion	Ratio	Lower	Upper
165	100		
63	0.9	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1442
Delta R.T. 0.22 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Tgt Ion:	166	Resp:	28014
Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.5	114.7
167	33.8	11.0	16.4#

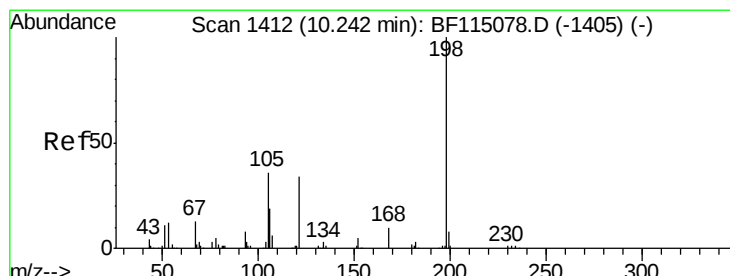
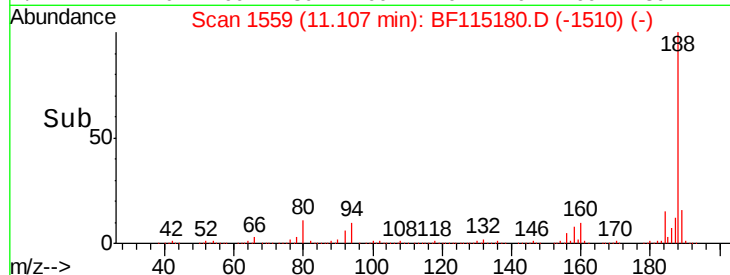
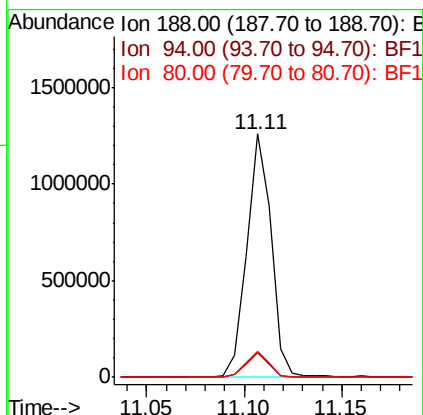
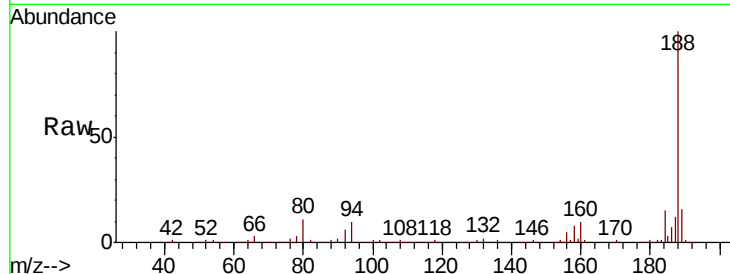




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

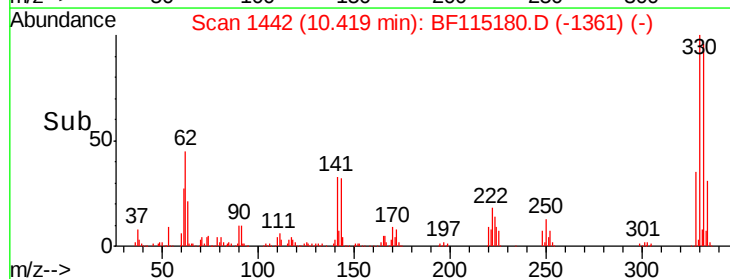
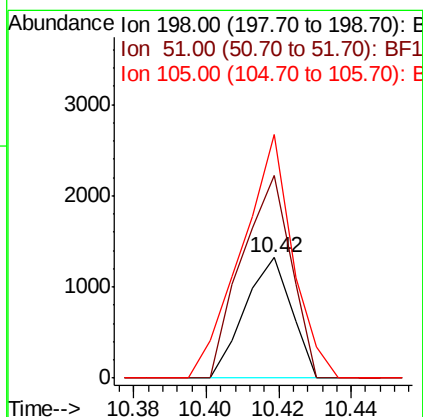
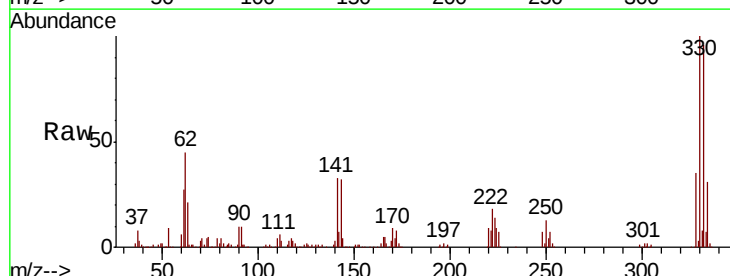
Instrument :
BNA_F
ClientSampleId :
PB120877BL

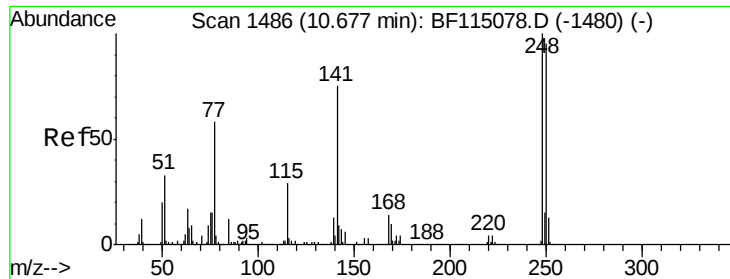
Tgt Ion:188 Resp: 1093654
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.6 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.141 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.18 min
Lab File: BF115180.D
Acq: 25 Jun 2019 10:44

Tgt Ion:198 Resp: 1176
Ion Ratio Lower Upper
198 100
51 168.1 11.0 51.0#
105 202.2 17.3 57.3#

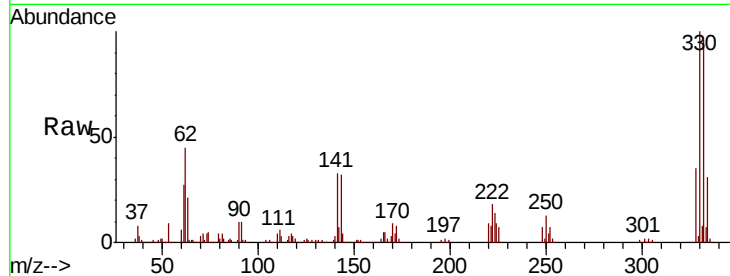




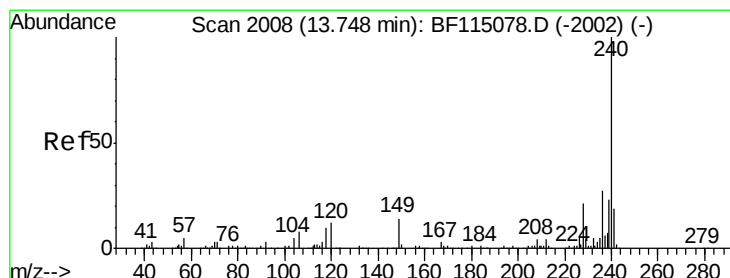
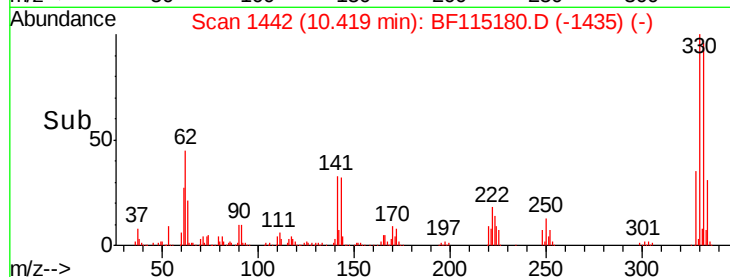
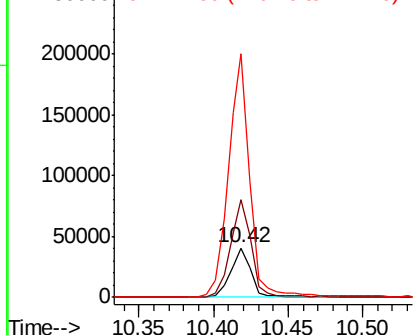
#67
 4-Bromophenyl-phenylether
 Concen: 3.310 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.26 min
 Lab File: BF115180.D
 Acq: 25 Jun 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BL

Tgt Ion:248 Resp: 39247
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.2 114.2#
 141 495.9 59.6 89.4#

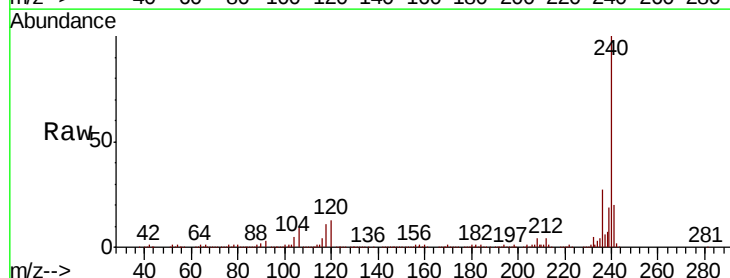


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

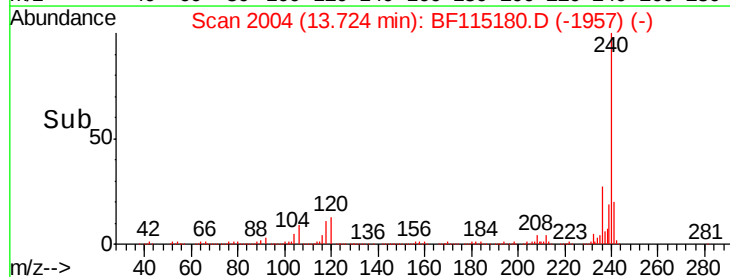
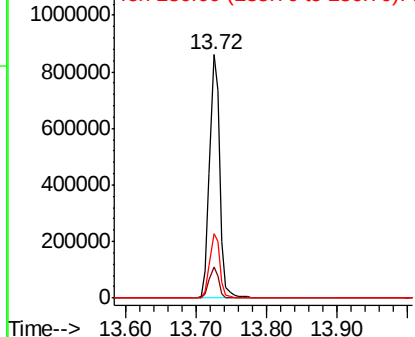


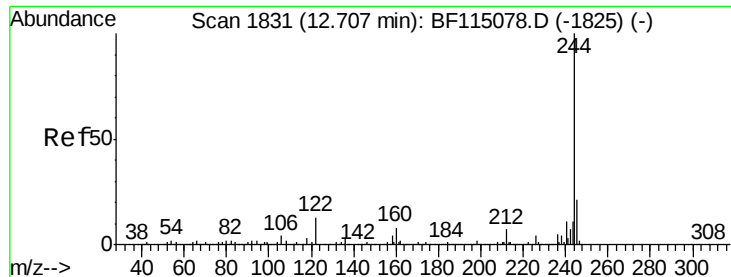
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115180.D
 Acq: 25 Jun 2019 10:44

Tgt Ion:240 Resp: 862607
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.4 14.2
 236 26.6 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.828 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB120877BL

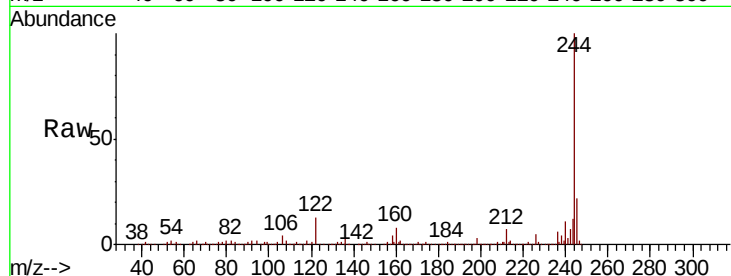
Tgt Ion:244 Resp: 2873593

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

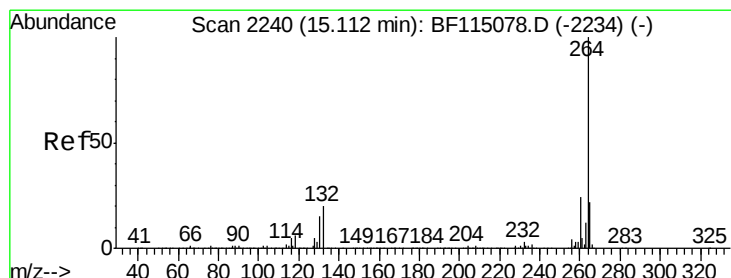
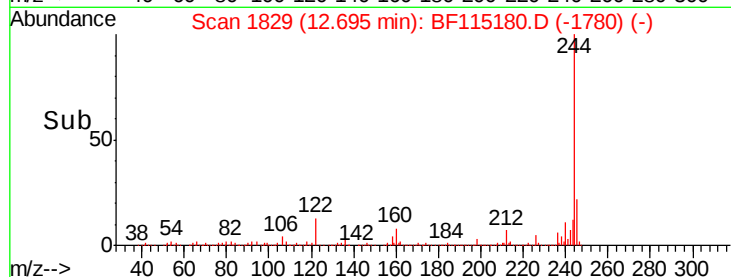
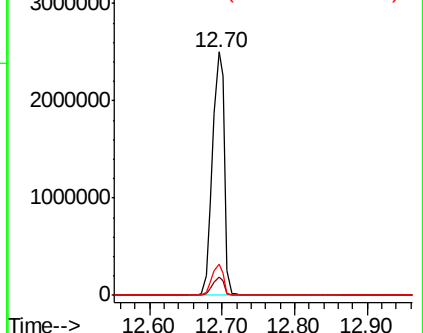
122 12.7 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF115180.D

Acq: 25 Jun 2019 10:44

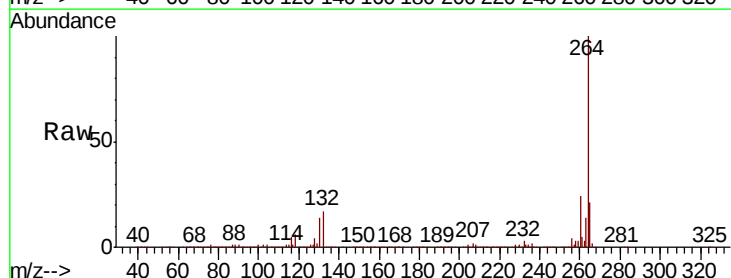
Tgt Ion:264 Resp: 885255

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.3 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

