

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115213.D
 Acq On : 26 Jun 2019 11:08
 Operator : HP/JU
 Sample : K3482-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 12:13:16 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

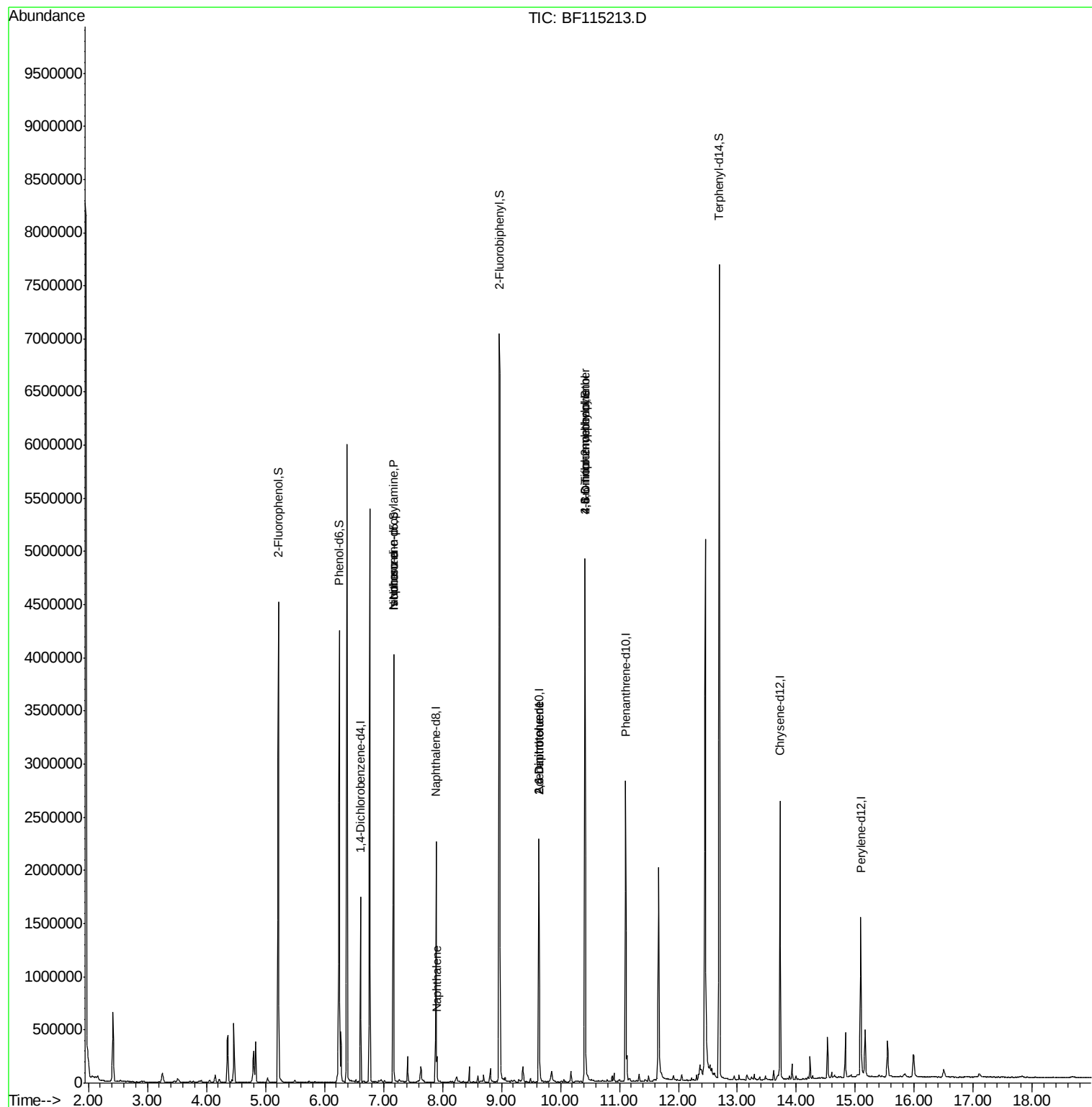
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	255746	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	953403	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	482477	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	960737	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	800139	20.00	ng	-0.02
87) Perylene-d12	15.09	264	730108	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1636165	98.73	ng	0.02
7) Phenol-d6	6.25	99	1751718	87.08	ng	0.00
23) Nitrobenzene-d5	7.17	82	1447520	93.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	697700	137.13	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2626935	92.48	ng	-0.01
79) Terphenyl-d14	12.69	244	3087905	82.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	192804	14.971	ng	# 76
25) Isophorone	7.17	82	1428726	45.000	ng	# 63
31) Naphthalene	7.91	128	99344	2.123	ng	# 98
51) 2,6-Dinitrotoluene	9.64	165	62029	7.569	ng	# 29
57) 2,4-Dinitrotoluene	9.64	165	62029	5.862	ng	# 30
58) Fluorene	10.18	166	13442	Below Cal		# 91
65) 4,6-Dinitro-2-methylphenol	10.42	198	1496	5.222	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	43987	4.223	ng	# 1

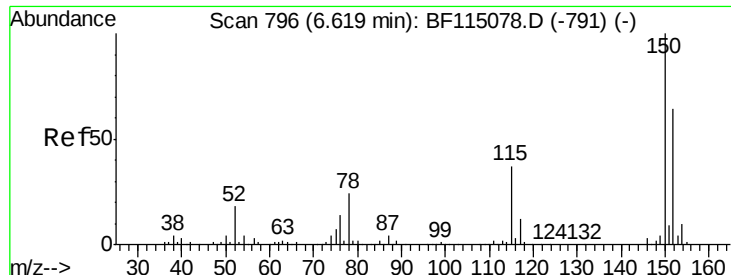
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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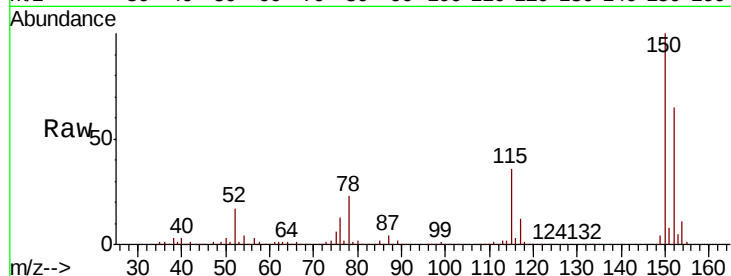


#1

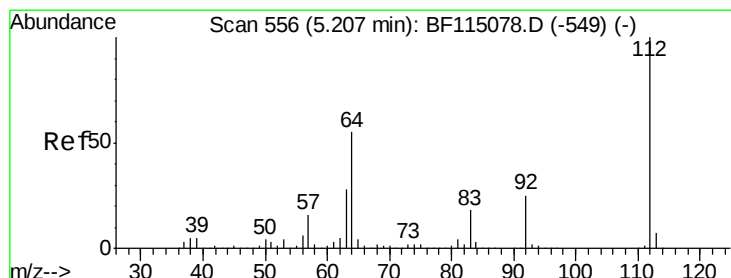
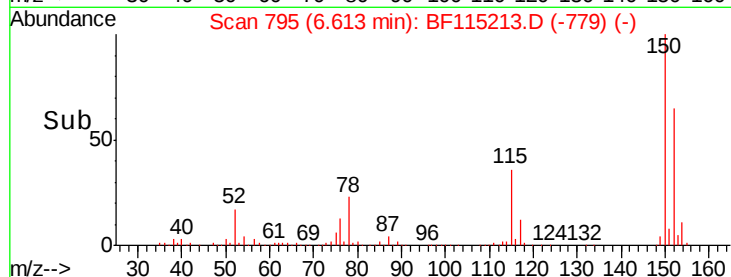
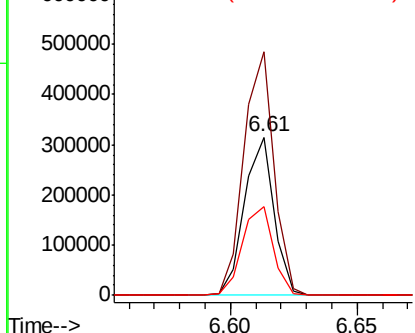
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 255746
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.2
115 55.9 46.1 69.1



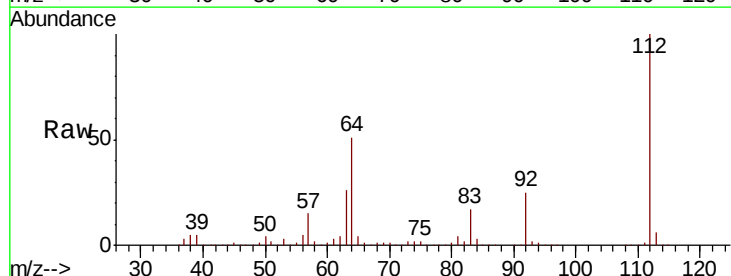
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



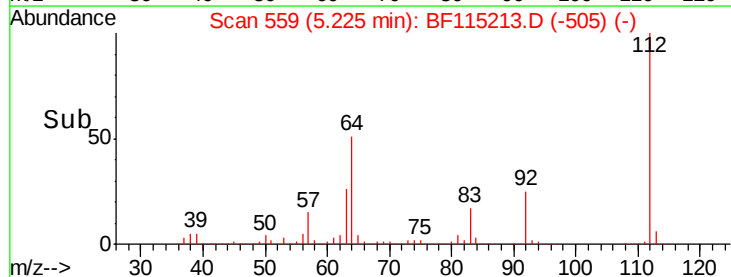
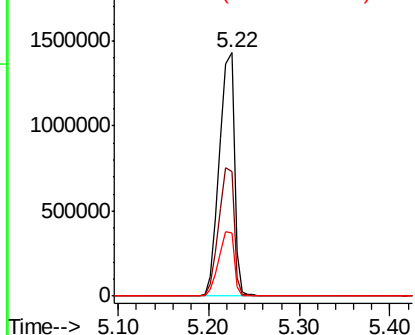
#5

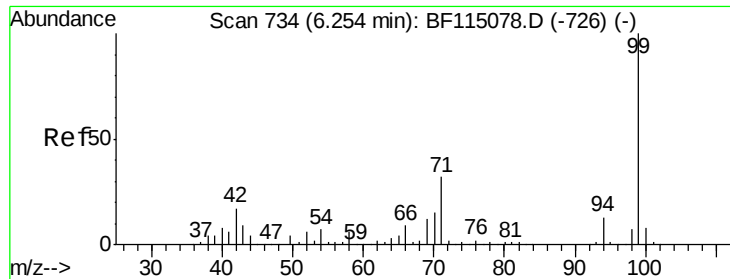
2-Fluorophenol
Concen: 98.726 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:112 Resp: 1636165
Ion Ratio Lower Upper
112 100
64 51.1 43.8 65.6
63 26.1 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: 87.084 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115213.D

Acq: 26 Jun 2019 11:08

Instrument :

BNA_F

ClientSampleId :

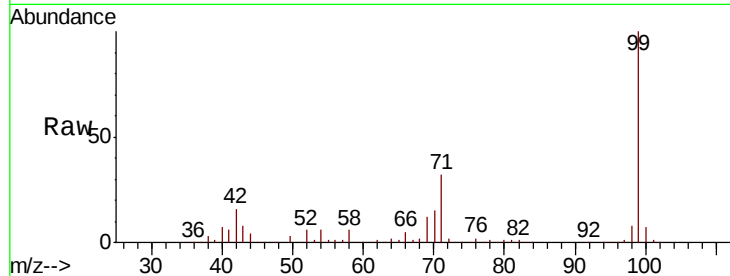
Tot Ion: 99 Resp: 1751718

Ion Ratio Lower Upper

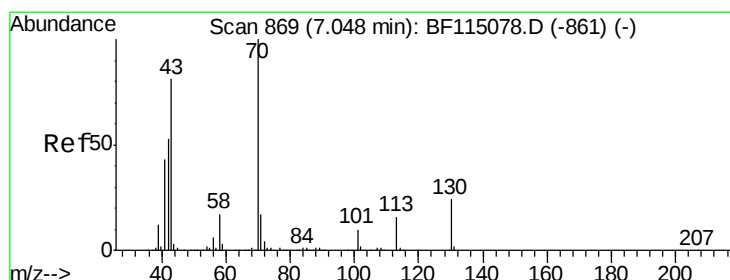
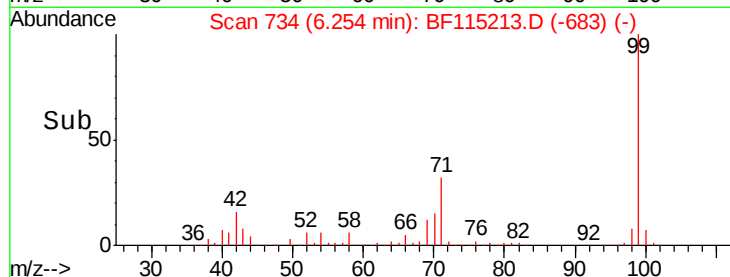
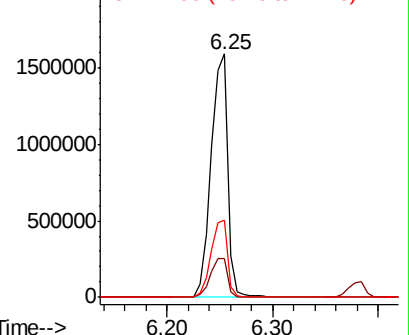
99 100

42 16.0 13.6 20.4

71 31.8 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: 14.971 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115213.D

Acq: 26 Jun 2019 11:08

Tgt Ion: 70 Resp: 192804

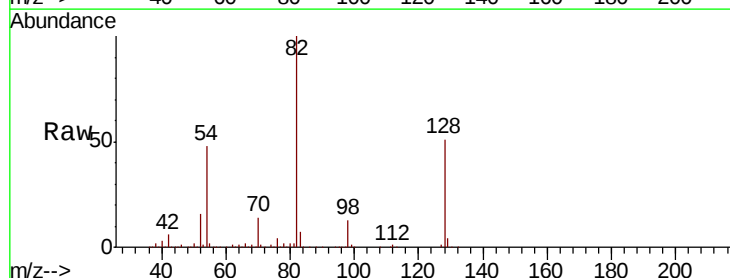
Ion Ratio Lower Upper

70 100

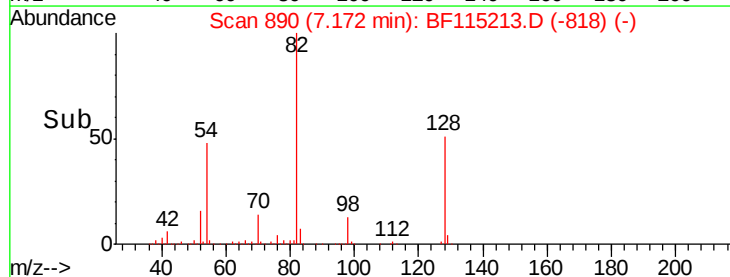
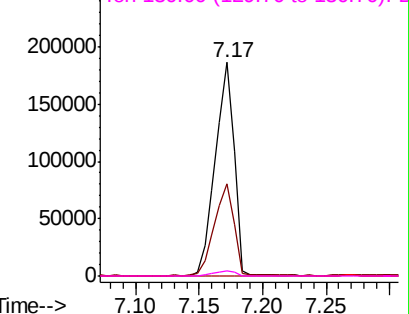
42 43.4 42.6 63.8

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): BF1
Ion 130.00 (129.70 to 130.70): BF1

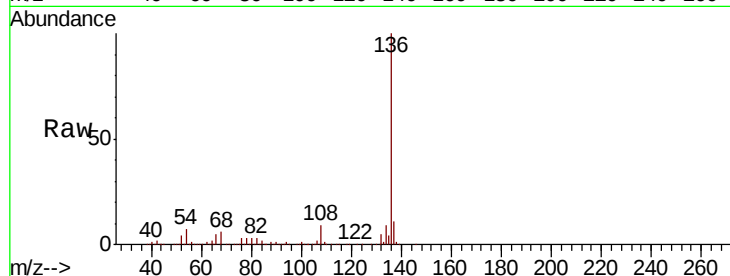




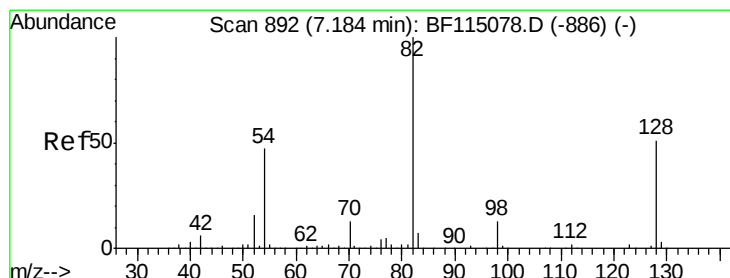
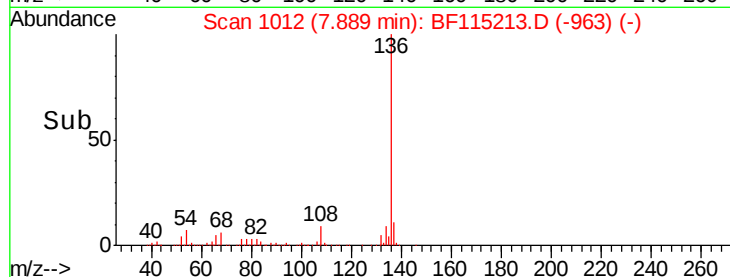
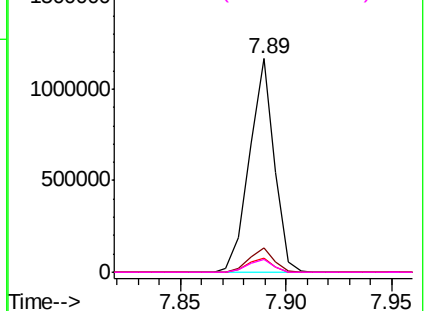
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	953403	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.9	13.3	
54 6.8	5.6	8.4	
68 5.8	4.8	7.2	

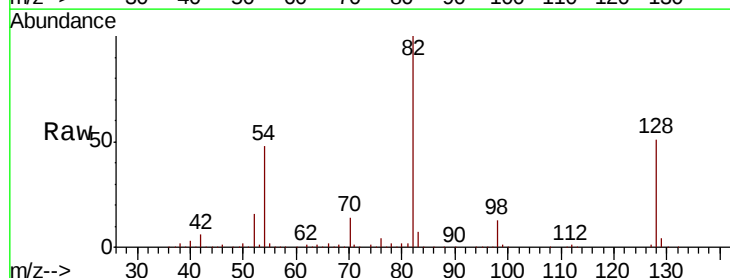


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

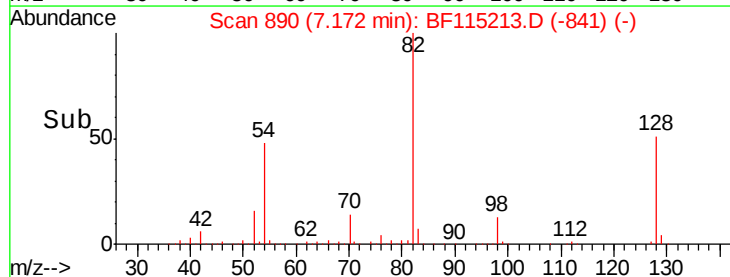
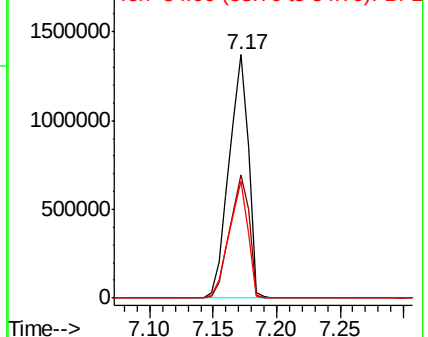


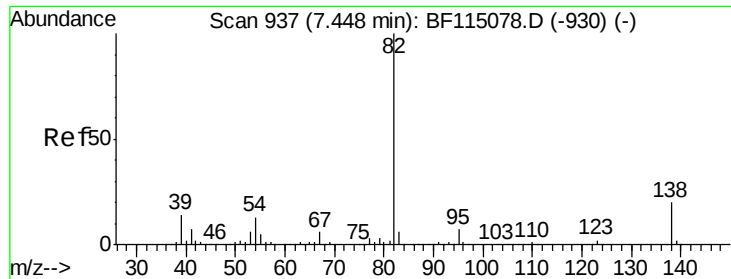
#23
Nitrobenzene-d5
Concen: 93.397 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion: 82	Resp: 1447520
Ion Ratio	Lower Upper
82 100	
128 50.7	40.4 60.6
54 47.8	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

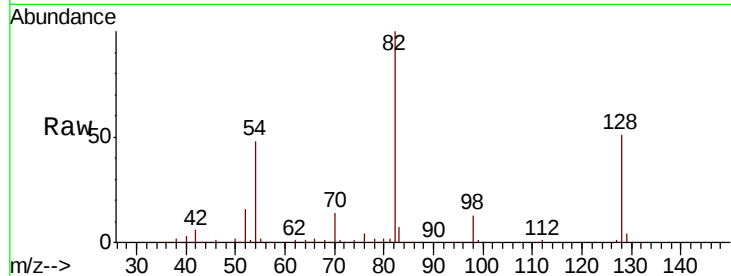




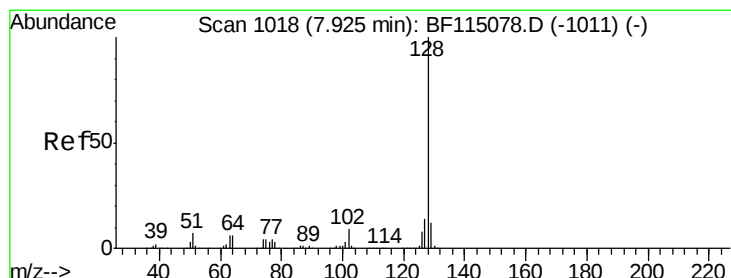
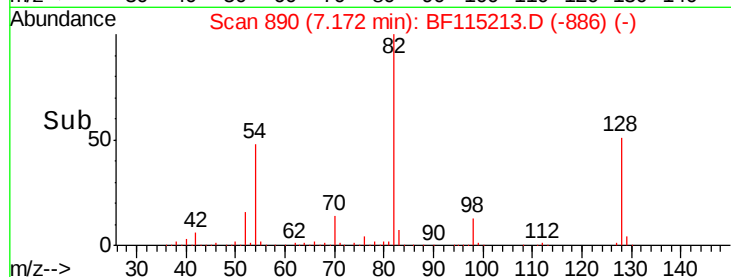
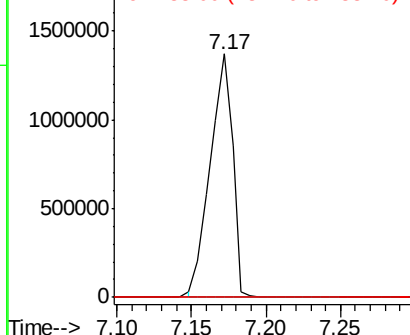
#25
Isophorone
Concen: 45.000 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1428726
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.9 23.9#

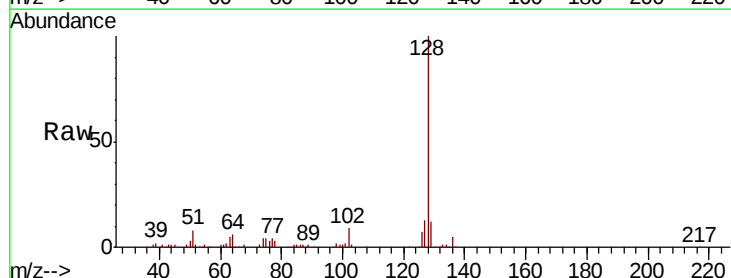


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

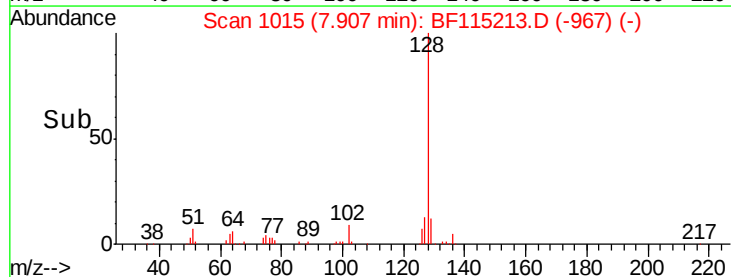
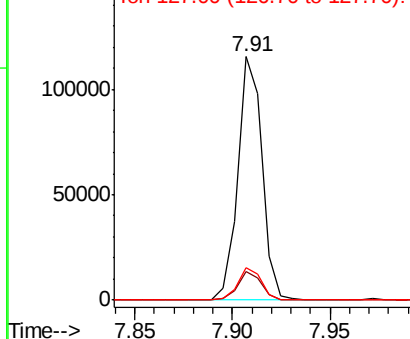


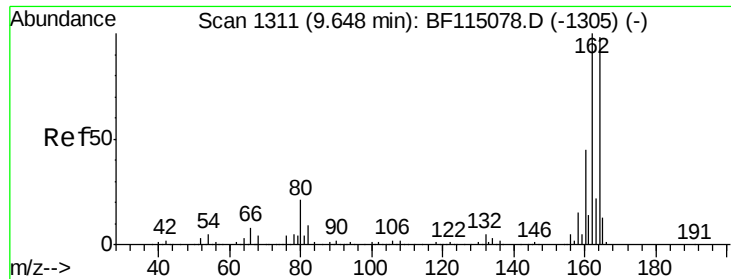
#31
Naphthalene
Concen: 2.123 ng
RT: 7.91 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion: 128 Resp: 99344
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

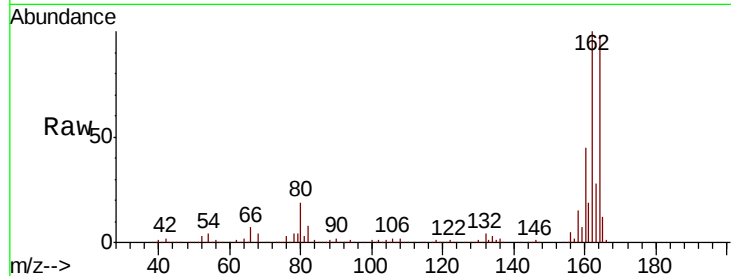




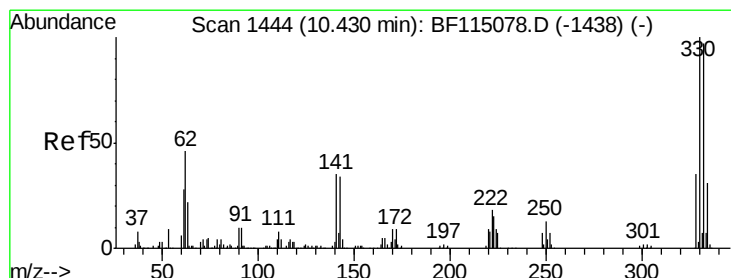
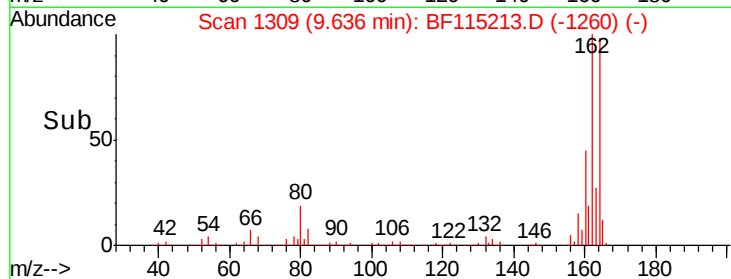
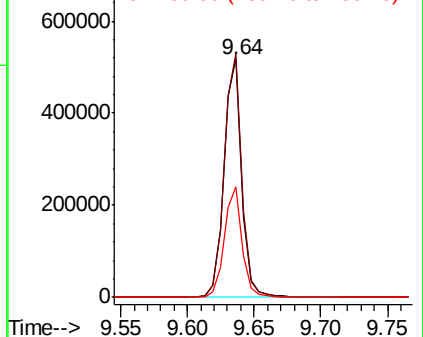
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	46.4	37.0	55.4

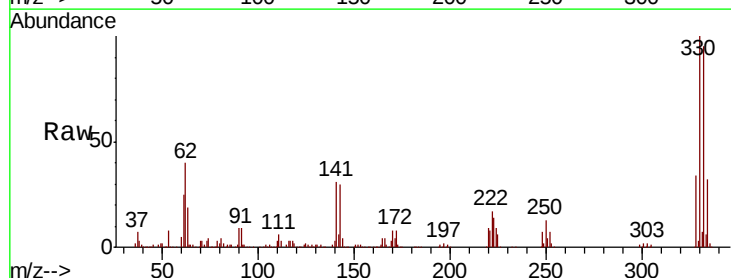


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

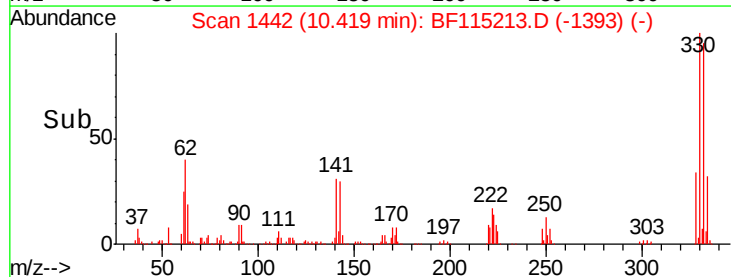
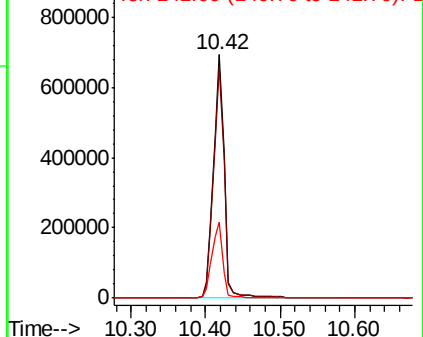


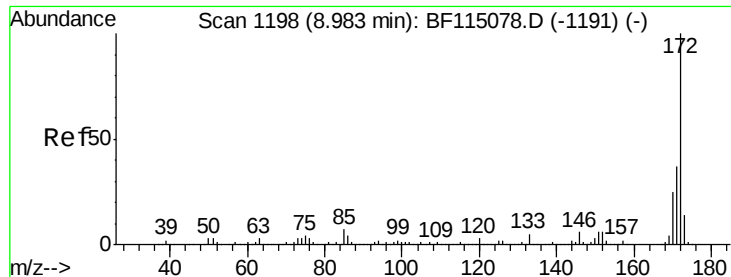
#42
 2,4,6-Tribromophenol
 Concen: 137.129 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	31.6	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

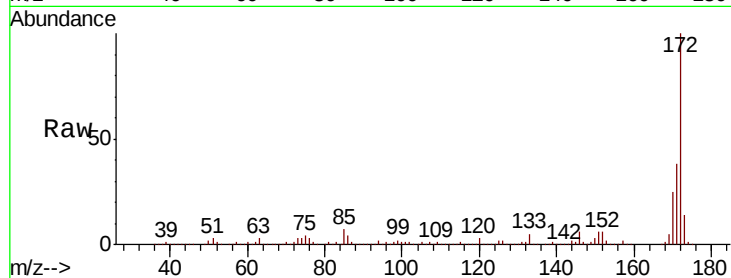




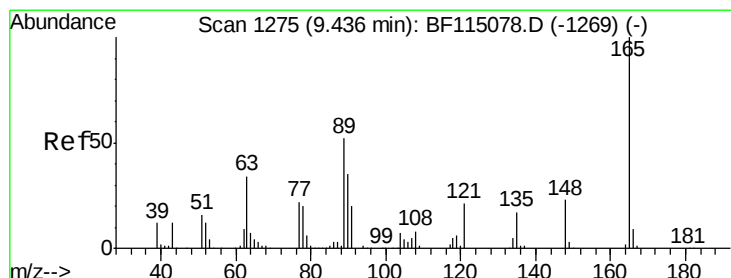
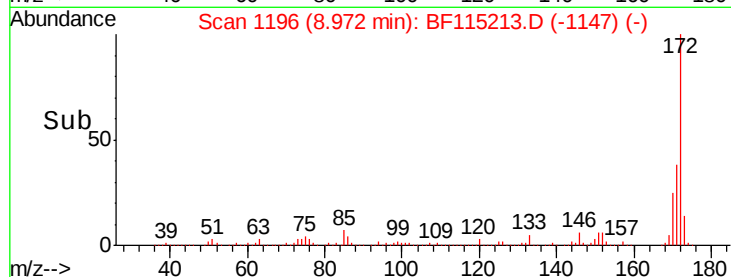
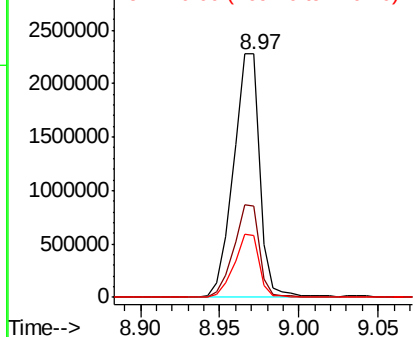
#45
2-Fluorobiphenyl
Concen: 92.485 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2626935
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.4 20.3 30.5

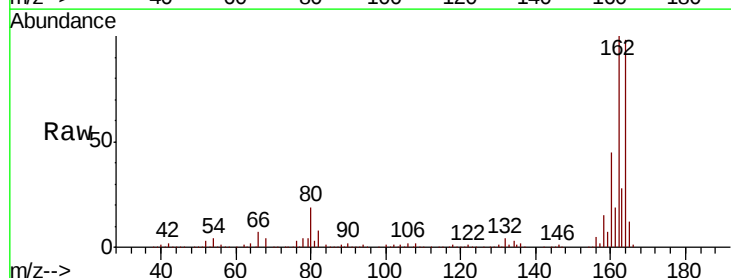


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

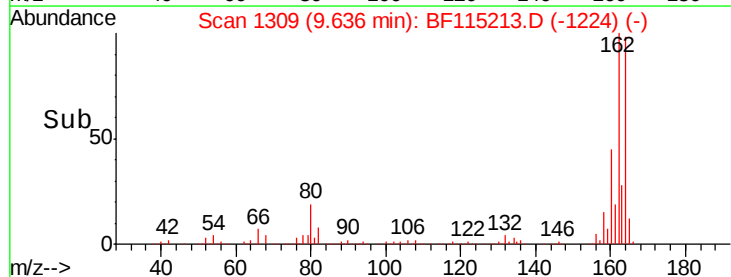
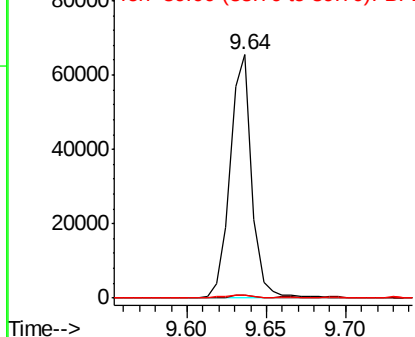


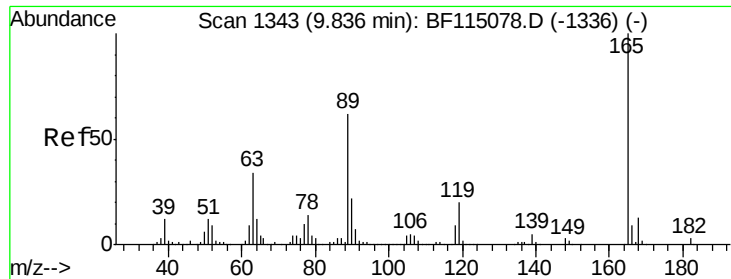
#51
2,6-Dinitrotoluene
Concen: 7.569 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:165 Resp: 62029
Ion Ratio Lower Upper
165 100
63 1.2 39.4 59.2#
89 1.5 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

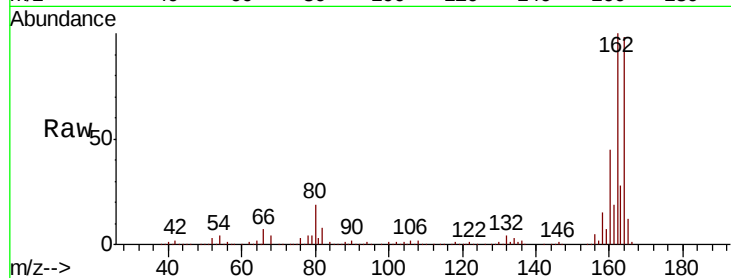




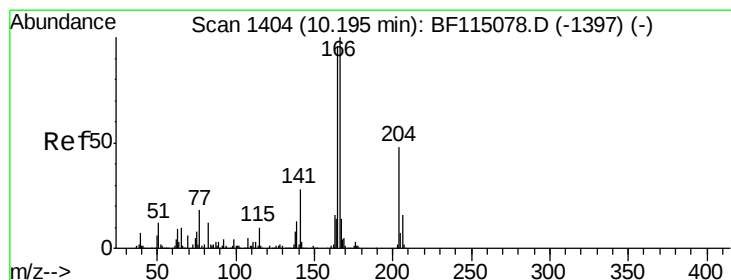
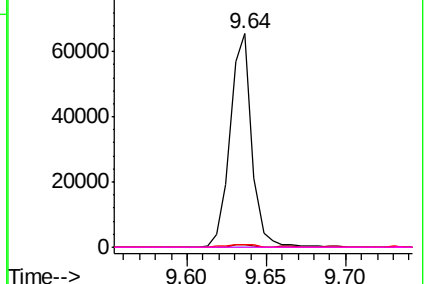
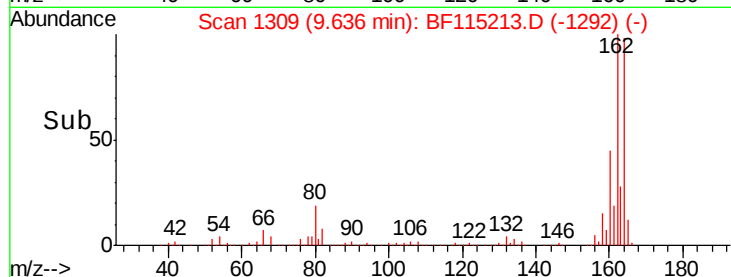
#57
 2,4-Dinitrotoluene
 Concen: 5.862 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	62029
Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.5	49.9	74.9#
182	0.0	2.1	3.1#

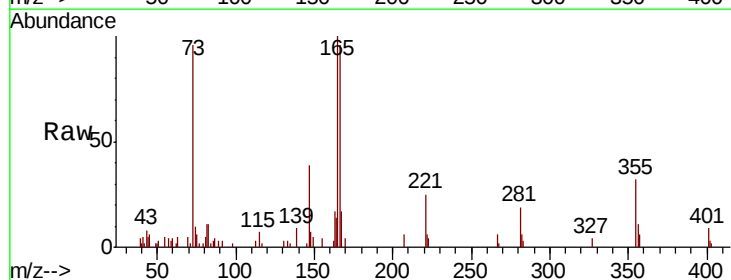


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

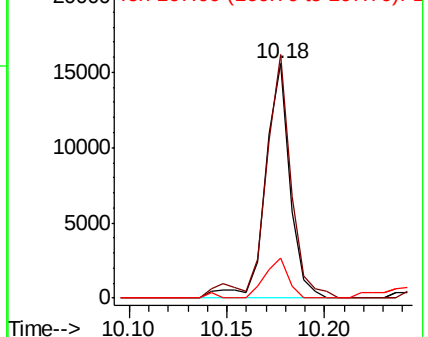
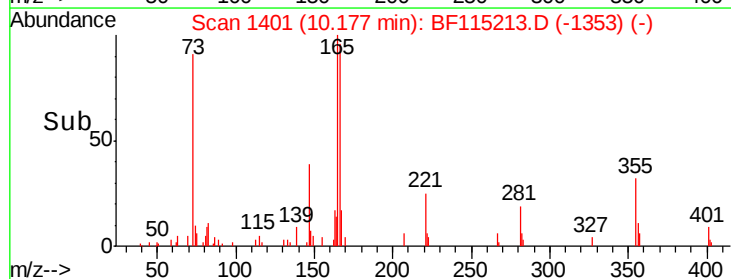


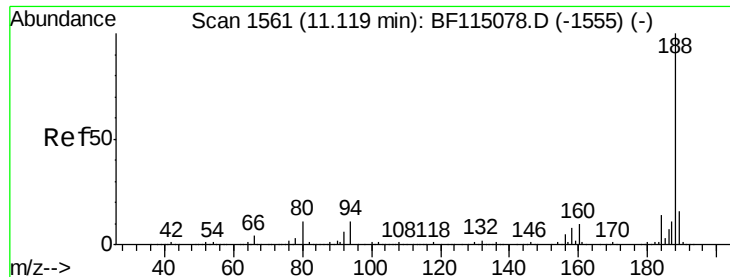
#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

Tgt Ion:	166	Resp:	13442
Ion	Ratio	Lower	Upper
166	100		
165	103.9	76.5	114.7
167	17.3	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

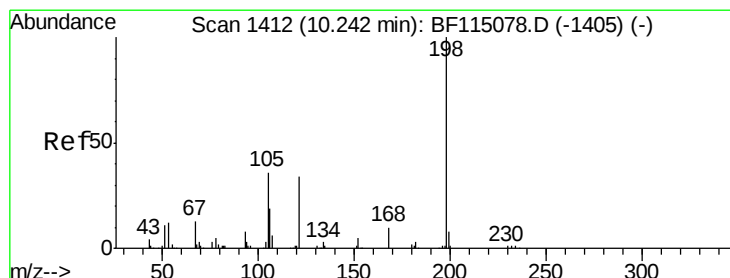
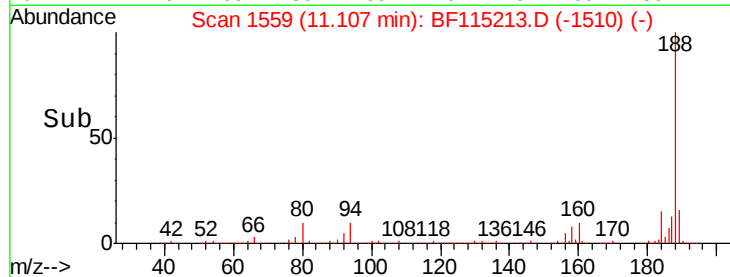
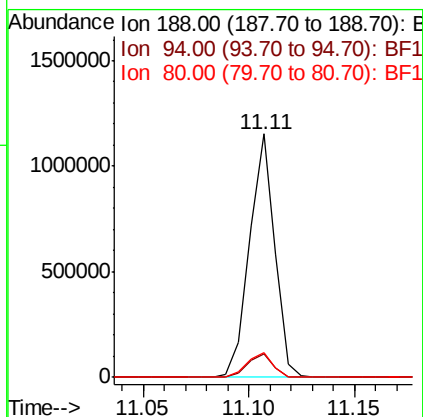
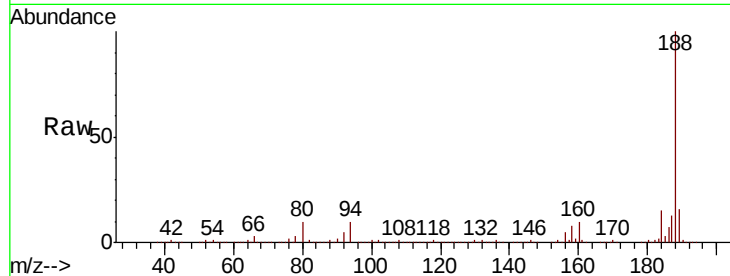




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

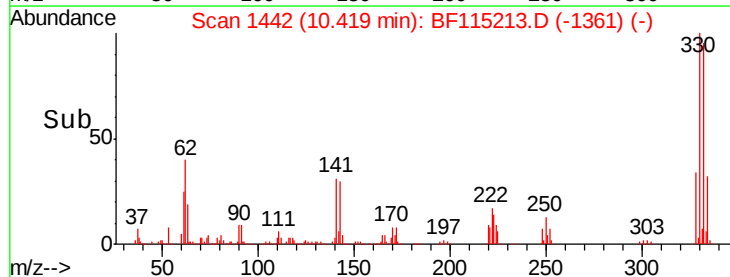
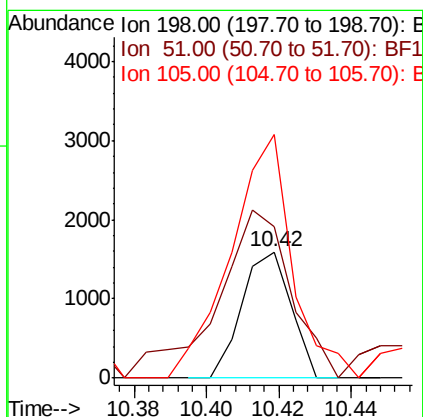
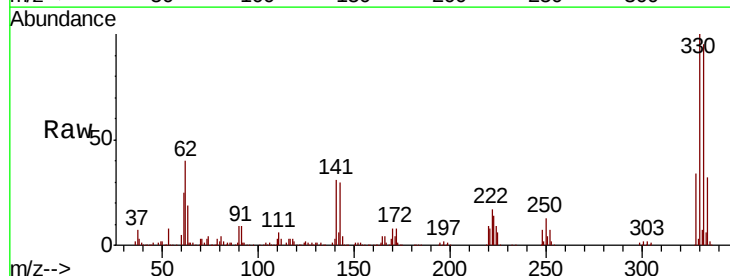
Instrument :
BNA_F
ClientSampleId :

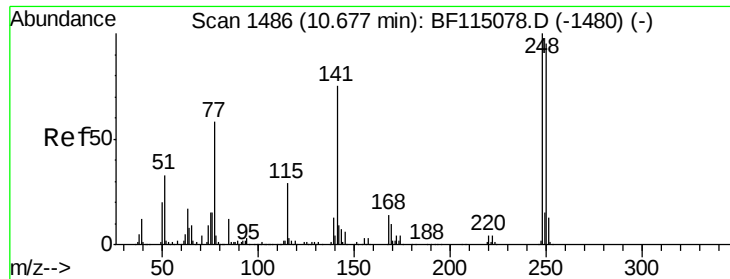
Tot Ion:188 Resp: 960737
Ion Ratio Lower Upper
188 100
94 9.8 8.6 12.8
80 10.0 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.222 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.18 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:198 Resp: 1496
Ion Ratio Lower Upper
198 100
51 120.2 11.0 51.0#
105 193.1 17.3 57.3#





#67

4-Bromophenyl-phenylether

Concen: 4.223 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.26 min

Lab File: BF115213.D

Acq: 26 Jun 2019 11:08

Instrument :

BNA_F

ClientSampled :

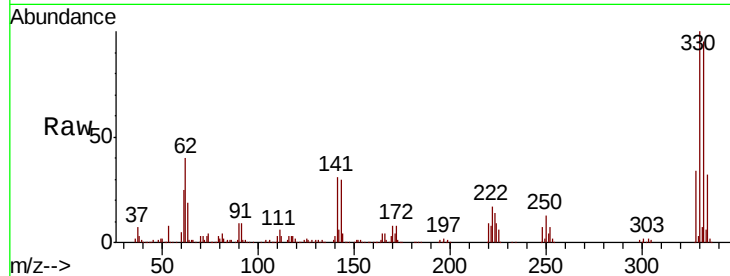
Tot Ion:248 Resp: 43987

Ion Ratio Lower Upper

248 100

250 197.8 76.2 114.2#

141 480.3 59.6 89.4#

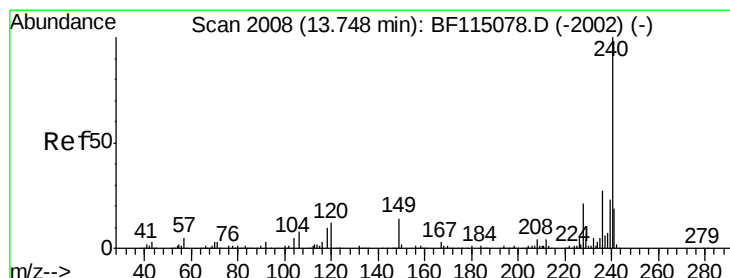
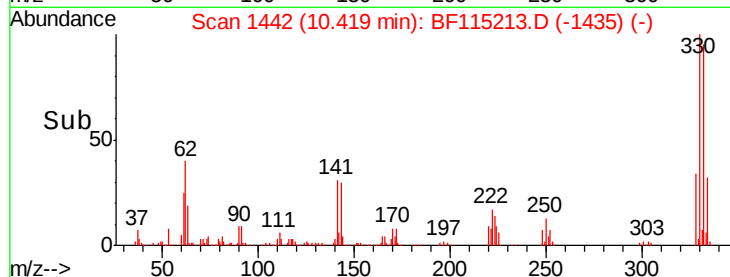
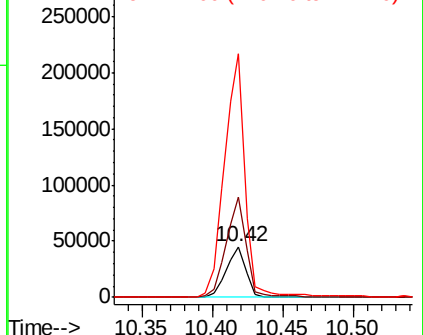


Abundance

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: BF115213.D

Acq: 26 Jun 2019 11:08

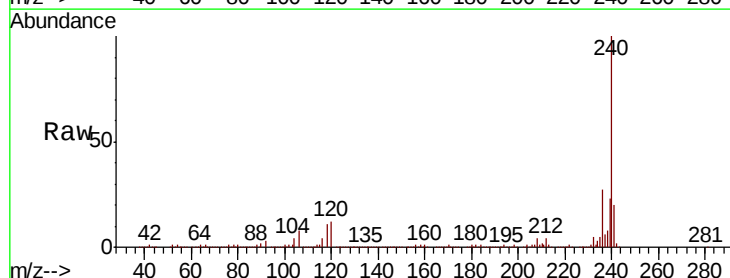
Tgt Ion:240 Resp: 800139

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 27.4 21.7 32.5

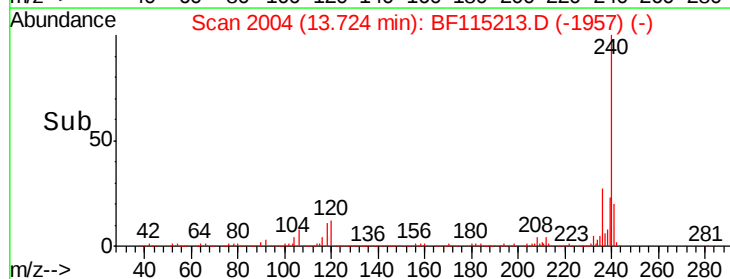
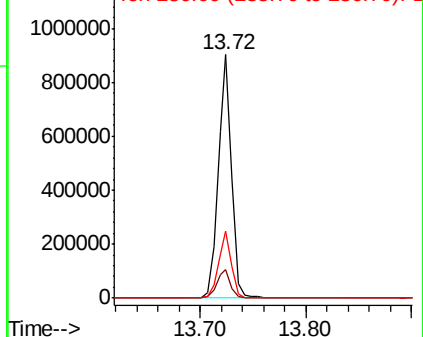


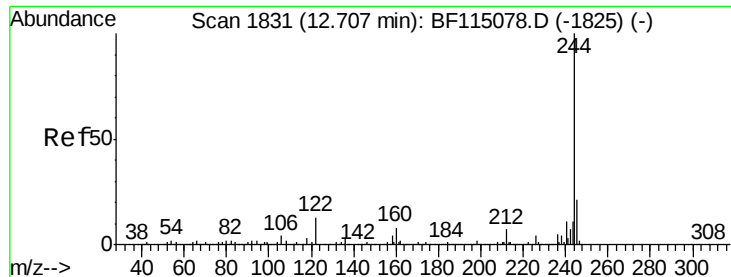
Abundance

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



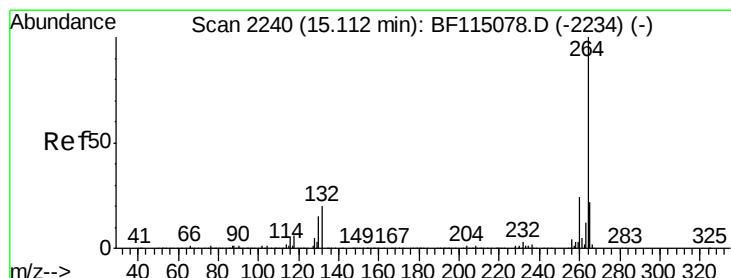
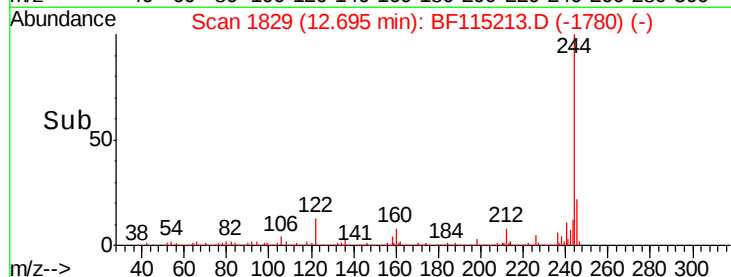
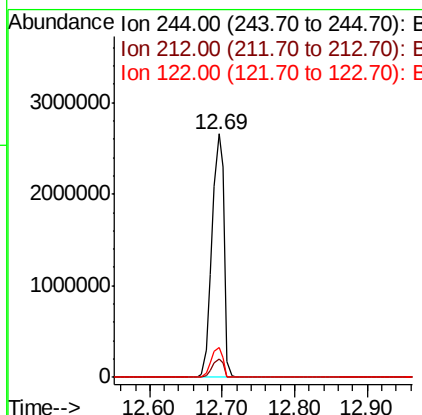
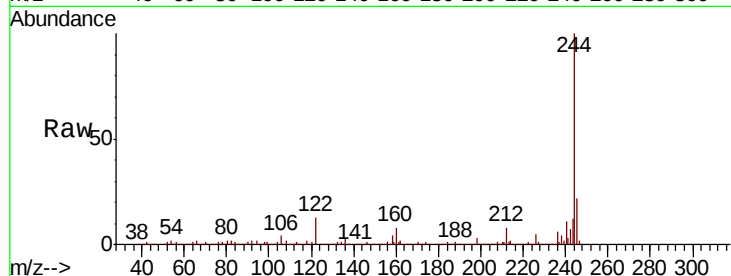


#79
 Terphenyl-d14
 Concen: 82.053 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115213.D
 Acq: 26 Jun 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3087905

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	12.5	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: BF115213.D
 Acq: 26 Jun 2019 11:08

Tgt Ion:264 Resp: 730108

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.9	17.3	25.9

