

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115098.D
 Acq On : 22 Jun 2019 00:30
 Operator : HP/JU
 Sample : PB120612BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BL

Quant Time: Jun 22 04:58:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

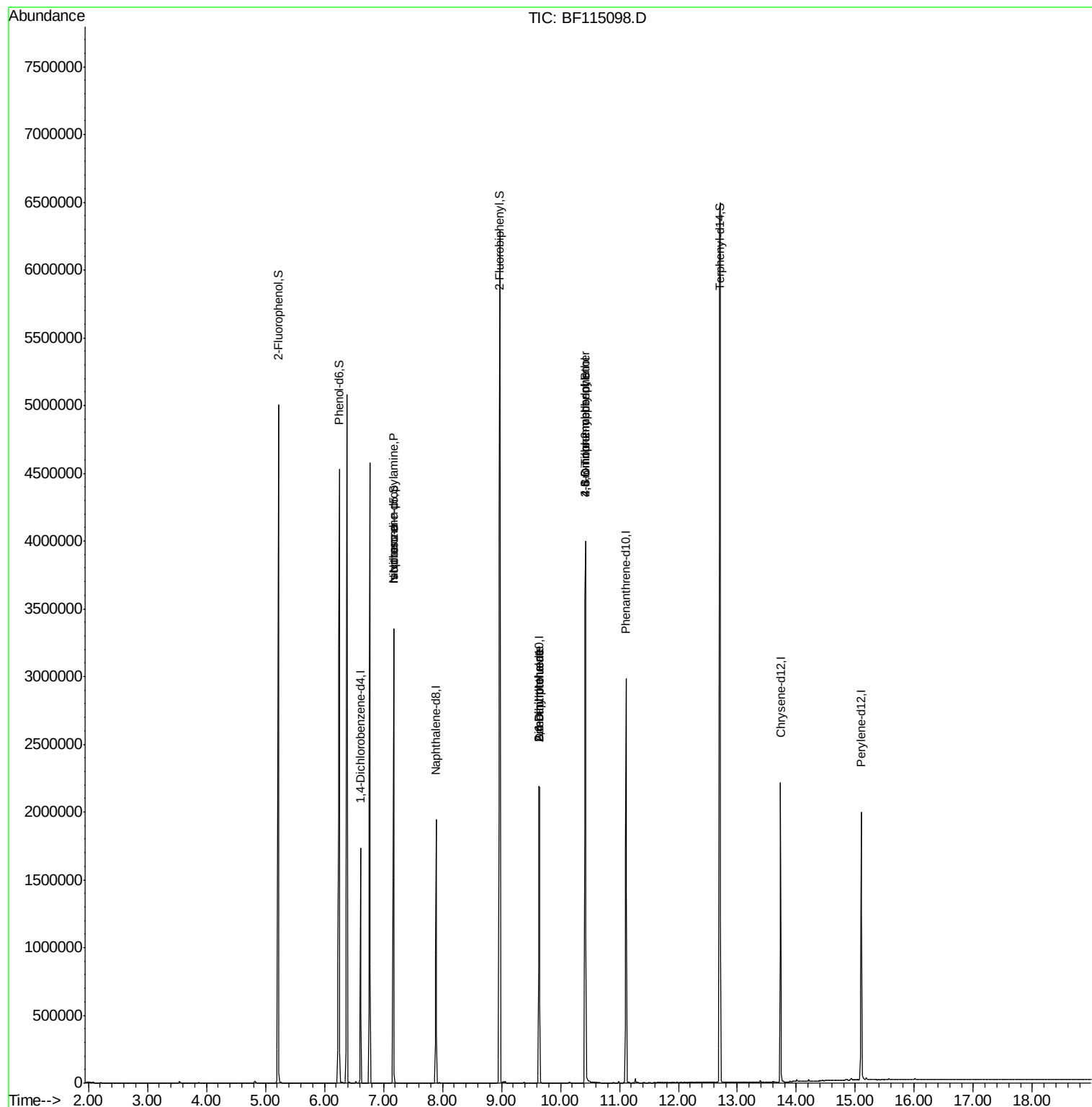
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	247673	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	964559	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	479685	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	962746	20.00	ng	0.00
76) Chrysene-d12	13.74	240	771049	20.00	ng	-0.01
87) Perylene-d12	15.10	264	790177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1648971	102.74	ng	0.01
7) Phenol-d6	6.25	99	2016778	103.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	1206980	76.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	541606	107.07	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2298638	81.40	ng	-0.01
79) Terphenyl-d14	12.71	244	2572726	70.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	158712	12.726	ng	# 78
25) Isophorone	7.17	82	1195240	37.210	ng	# 63
50) Dimethylphthalate	9.64	163	132449	3.753	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	61812	7.586	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	61812	5.875	ng	# 30
58) Fluorene	10.42	166	25020	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.42	198	1218	5.173	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	34654	3.320	ng	# 1

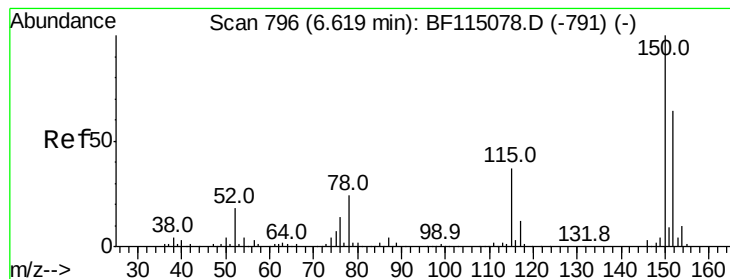
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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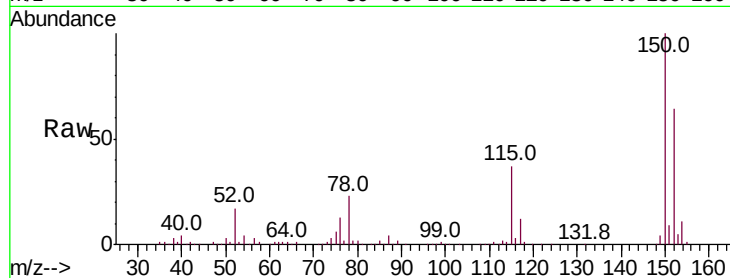


#1

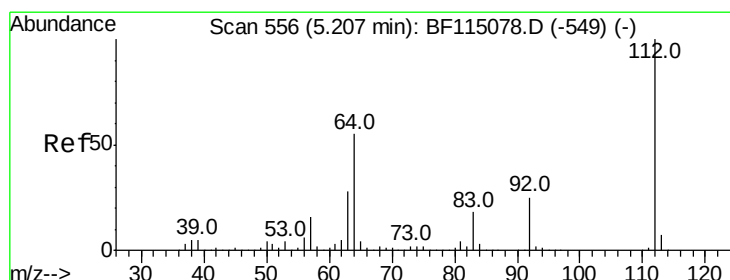
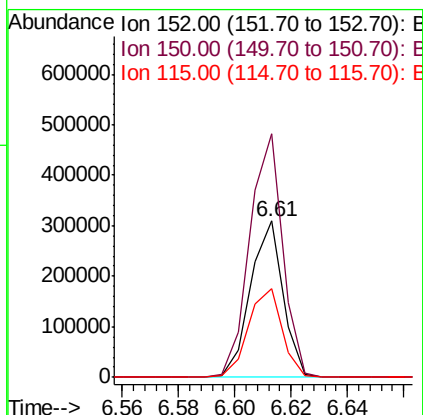
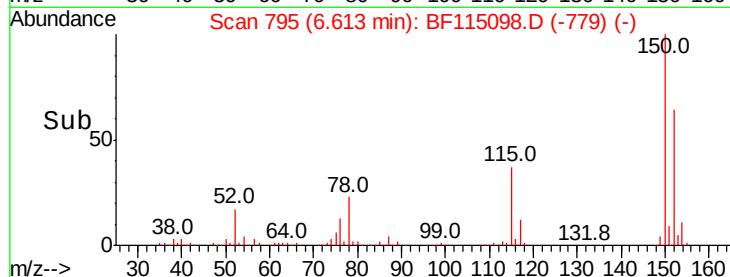
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115098.D
Acq: 22 Jun 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PB120612BL

Tot Ion:152 Resp: 247673
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 57.1 46.1 69.1



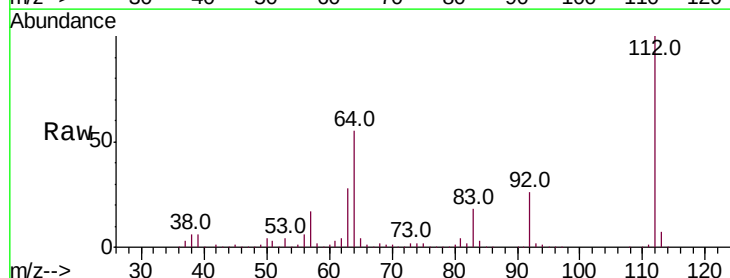
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



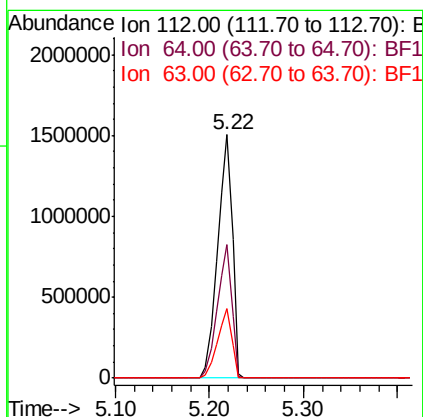
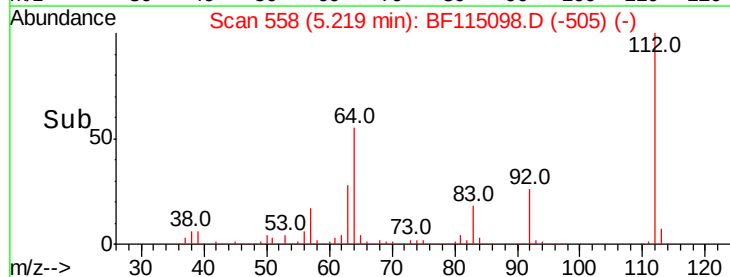
#5

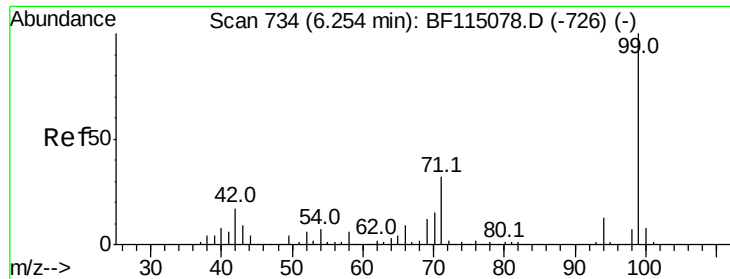
2-Fluorophenol
Concen: 102.742 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115098.D
Acq: 22 Jun 2019 00:30

Tgt Ion:112 Resp: 1648971
Ion Ratio Lower Upper
112 100
64 55.0 43.8 65.6
63 28.4 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: 103.529 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

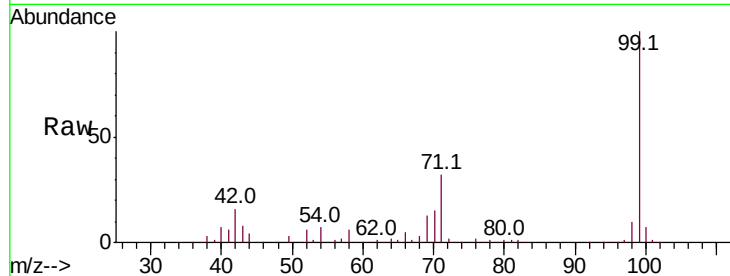
Tot Ion: 99 Resp: 2016778

Ion Ratio Lower Upper

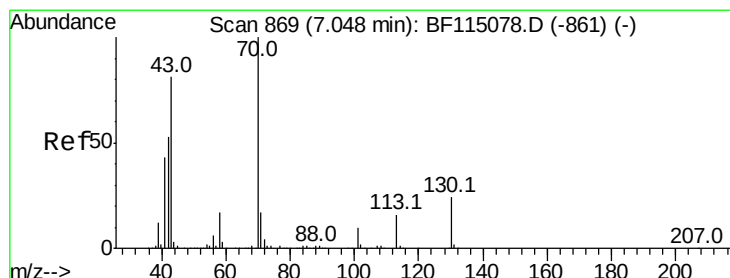
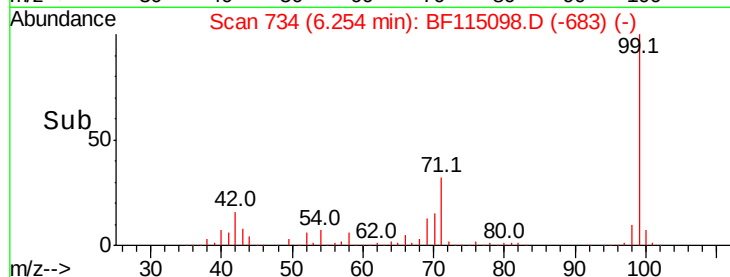
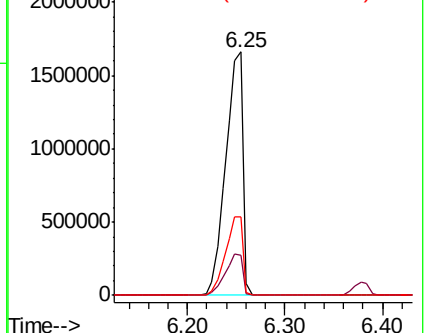
99 100

42 16.3 13.6 20.4

71 32.1 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: 12.726 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Tgt Ion: 70 Resp: 158712

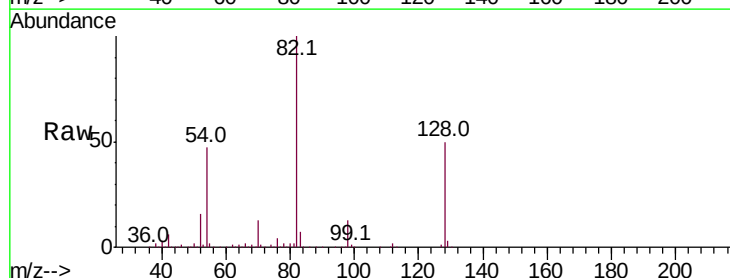
Ion Ratio Lower Upper

70 100

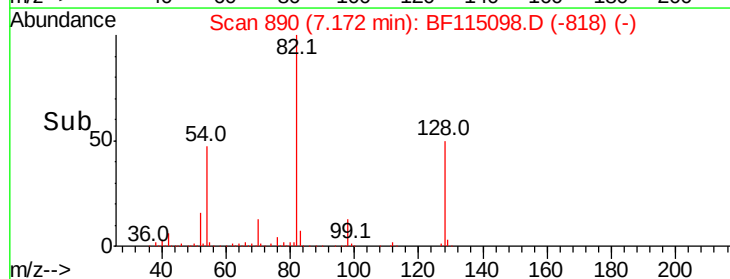
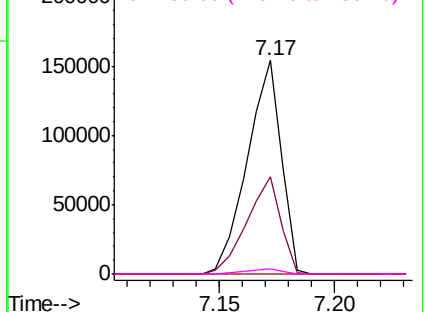
42 45.4 42.6 63.8

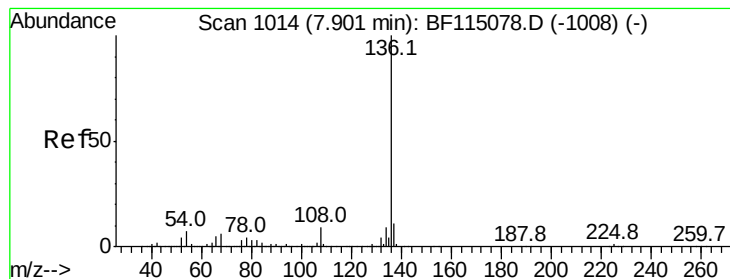
101 0.0 8.0 12.0#

130 2.6 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: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

Tot Ion:136 Resp: 964559

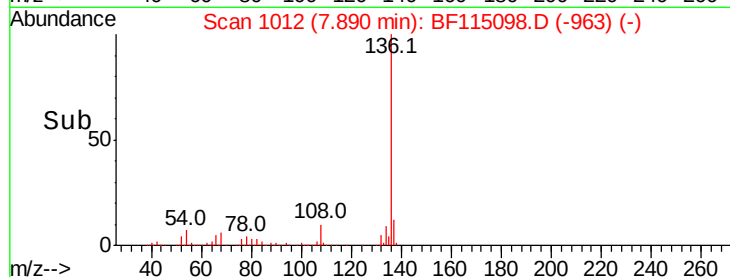
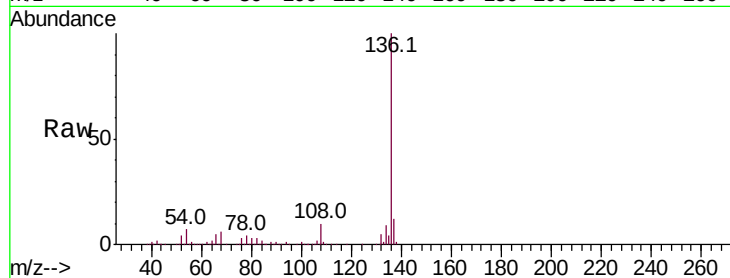
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 7.3 5.6 8.4

68 6.4 4.8 7.2

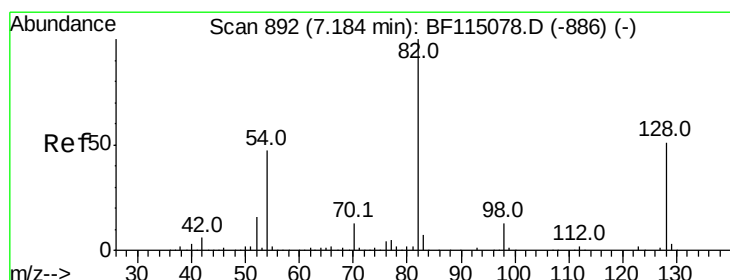
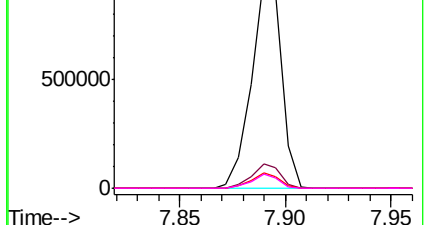


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.976 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

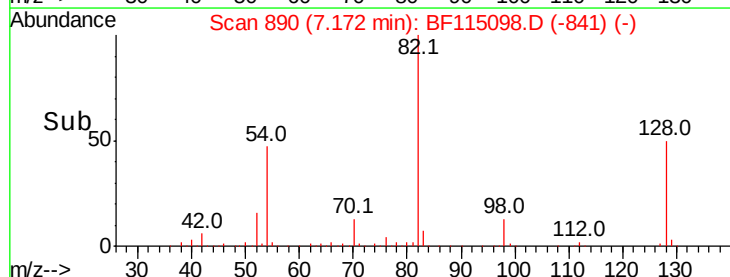
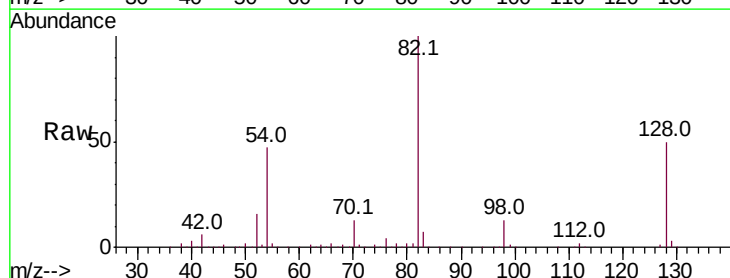
Tgt Ion: 82 Resp: 1206980

Ion Ratio Lower Upper

82 100

128 50.0 40.4 60.6

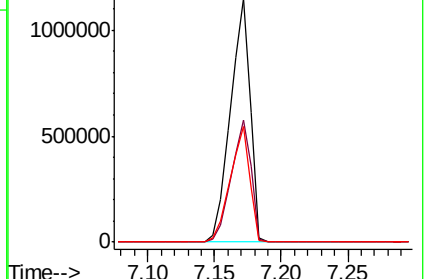
54 47.3 37.5 56.3

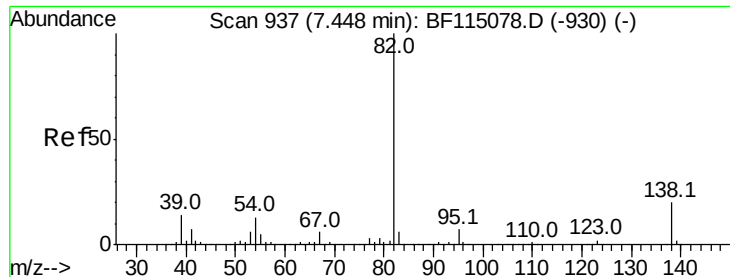


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.210 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

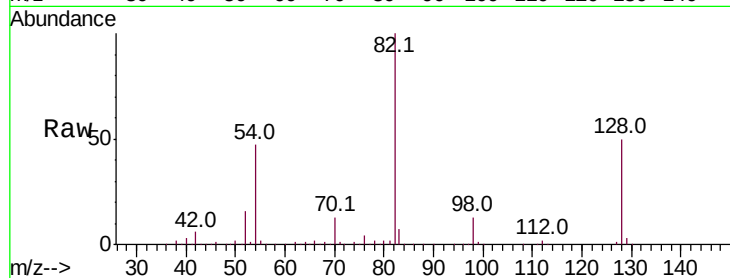
Tot Ion: 82 Resp: 1195240

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

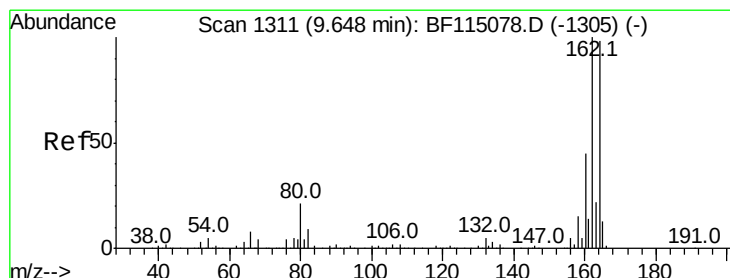
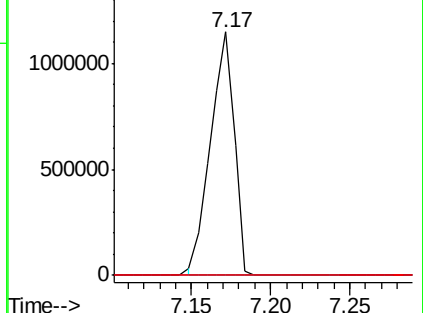
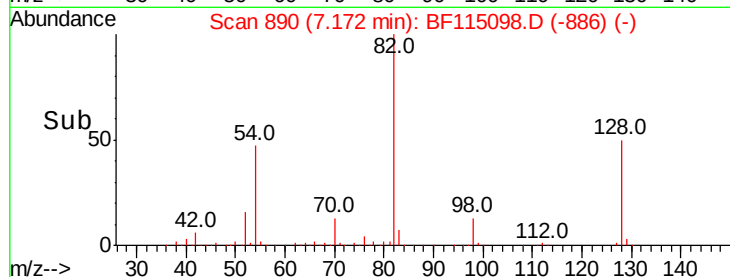
138 0.0 15.9 23.9#



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: BF115098.D

Acq: 22 Jun 2019 00:30

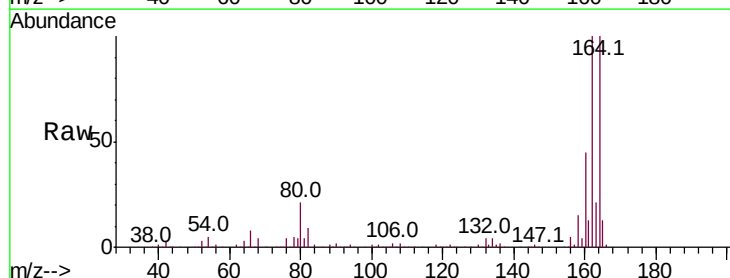
Tgt Ion:164 Resp: 479685

Ion Ratio Lower Upper

164 100

162 100.4 81.7 122.5

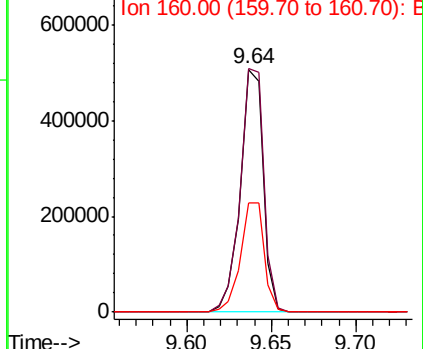
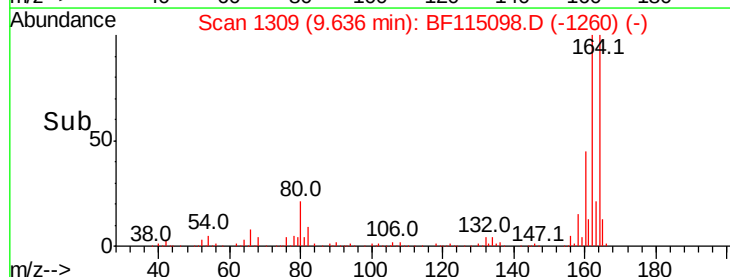
160 45.0 37.0 55.4

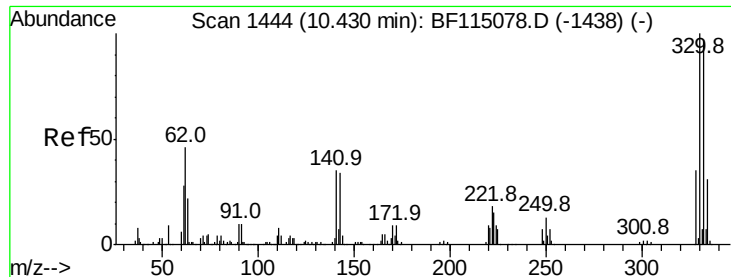


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

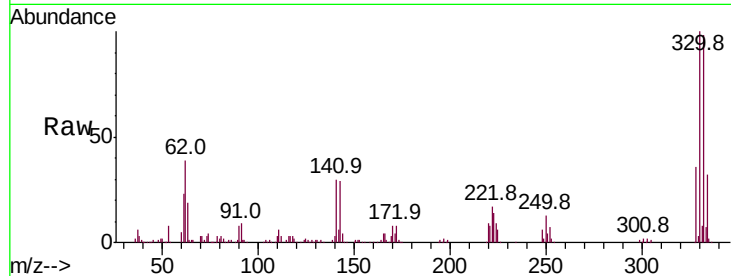




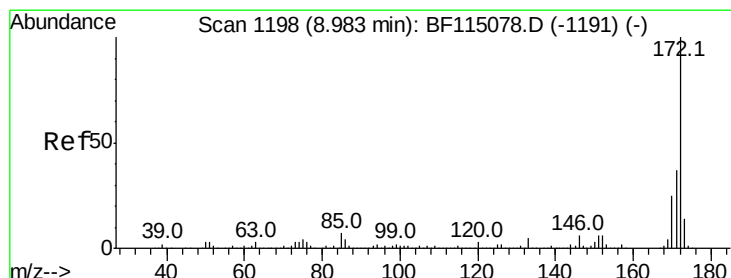
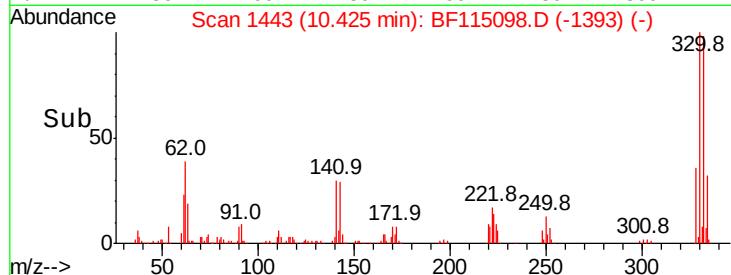
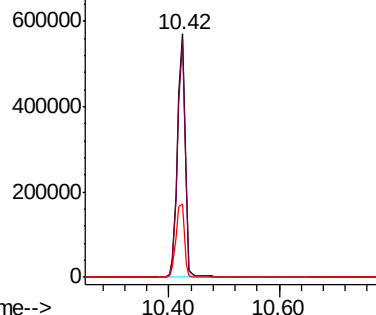
#42
 2,4,6-Tribromophenol
 Concen: 107.070 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115098.D
 Acq: 22 Jun 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BL

Tot Ion:330 Resp: 541606
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 33.6 28.2 42.2

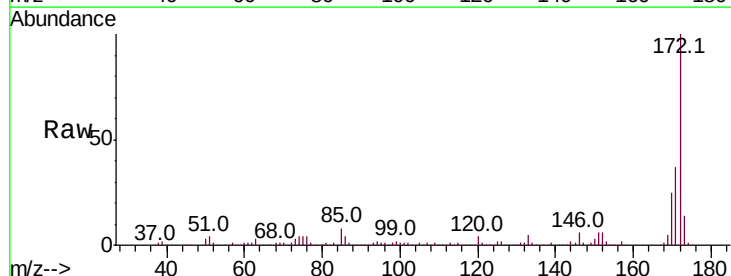


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

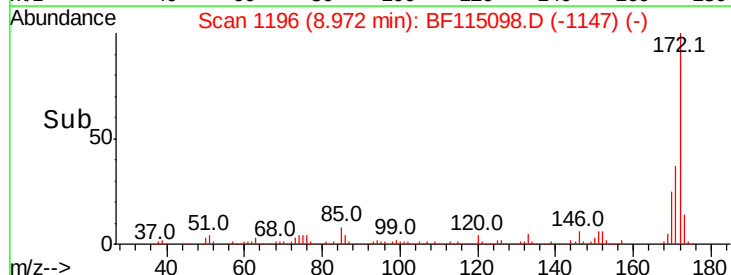
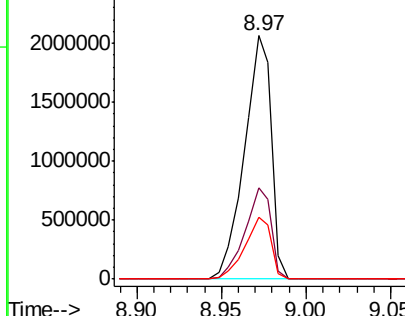


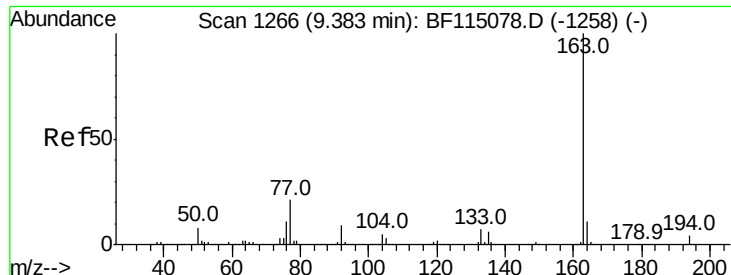
#45
 2-Fluorobiphenyl
 Concen: 81.398 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115098.D
 Acq: 22 Jun 2019 00:30

Tgt Ion:172 Resp: 2298638
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.3 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

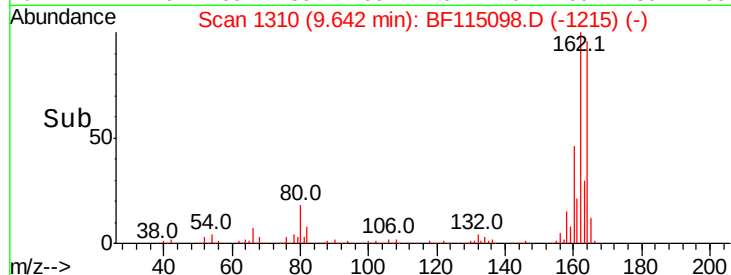
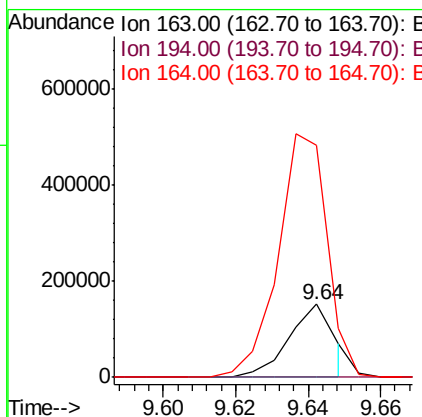
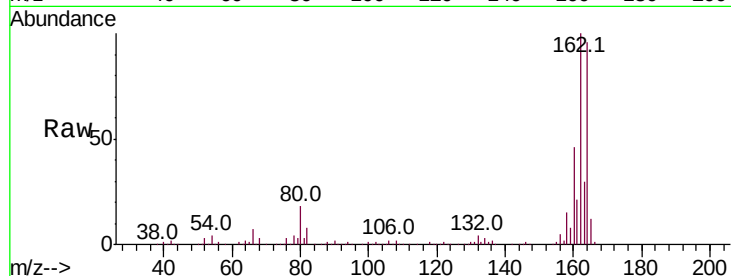




#50
Dimethylphthalate
Concen: 3.753 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.26 min
Lab File: BF115098.D
Acq: 22 Jun 2019 00:30

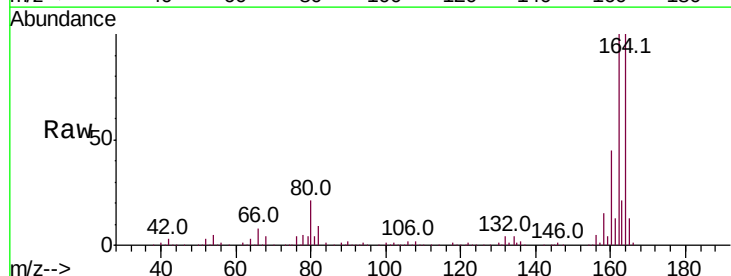
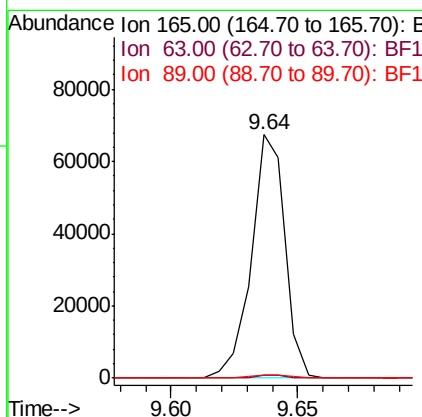
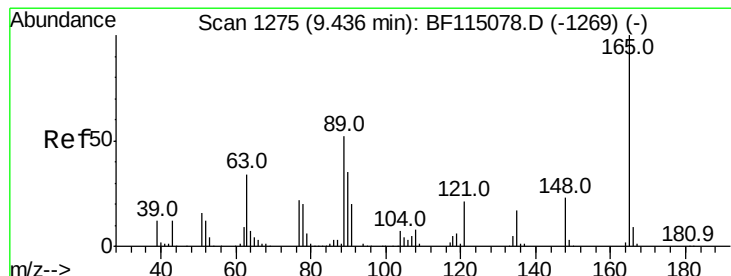
Instrument :
BNA_F
ClientSampleId :
PB120612BL

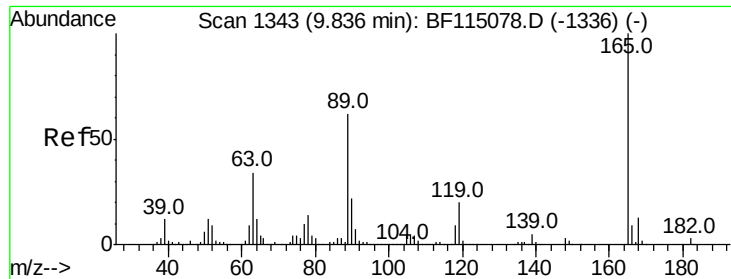
Tot Ion:163 Resp: 132449
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 319.3 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 7.586 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115098.D
Acq: 22 Jun 2019 00:30

Tgt Ion:165 Resp: 61812
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.2#
89 1.1 42.0 63.0#

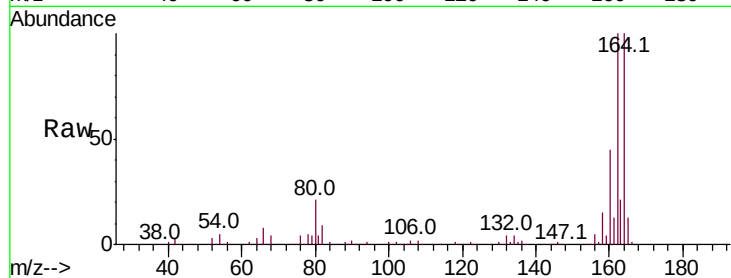




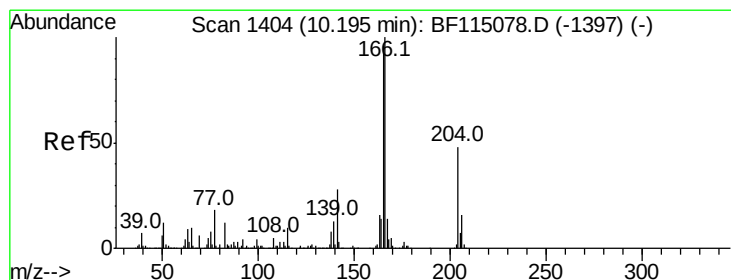
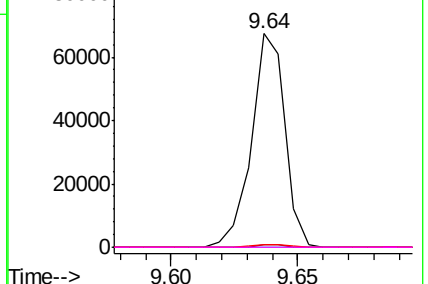
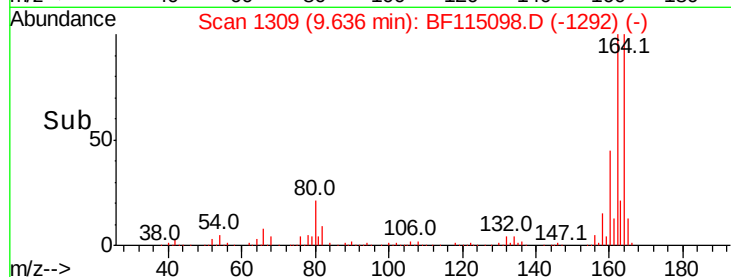
#57
2,4-Dinitrotoluene
Concen: 5.875 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115098.D
Acq: 22 Jun 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PB120612BL

Tot Ion:165 Resp: 61812
Ion Ratio Lower Upper
165 100
63 1.0 27.5 41.3#
89 1.1 49.9 74.9#
182 0.0 2.1 3.1#

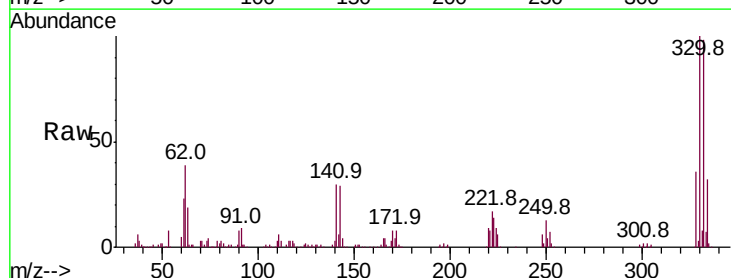


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

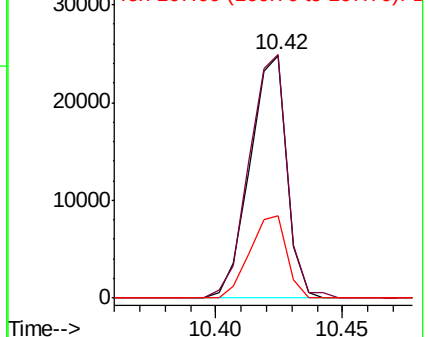
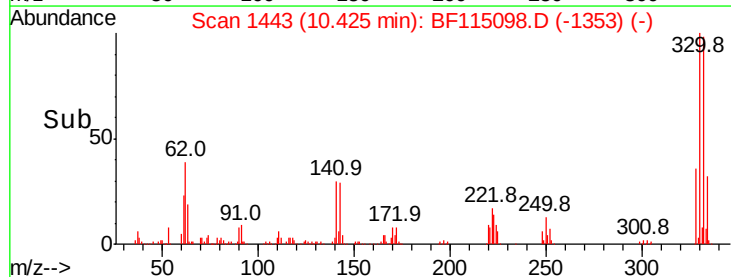


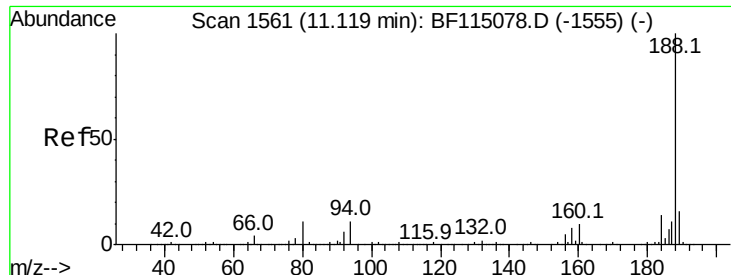
#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1443
Delta R.T. 0.23 min
Lab File: BF115098.D
Acq: 22 Jun 2019 00:30

Tgt Ion:166 Resp: 25020
Ion Ratio Lower Upper
166 100
165 100.5 76.5 114.7
167 34.1 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# 1560

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

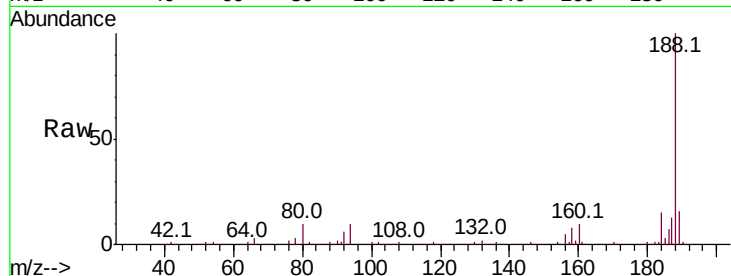
Tot Ion:188 Resp: 962746

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

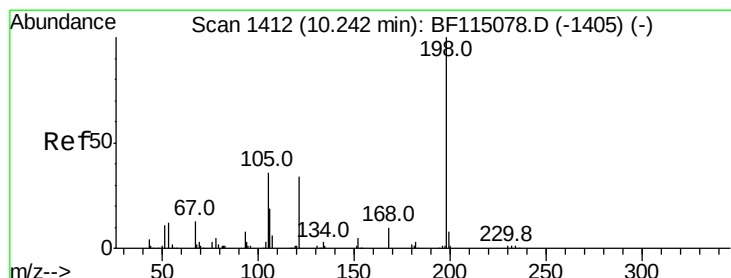
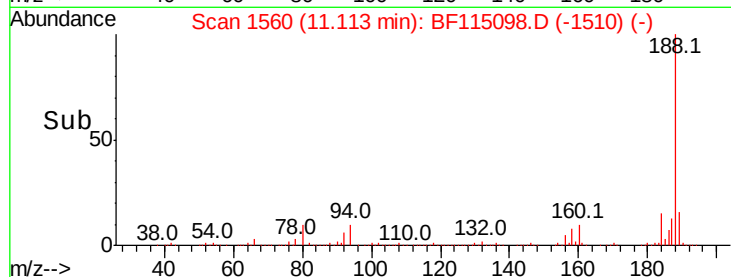
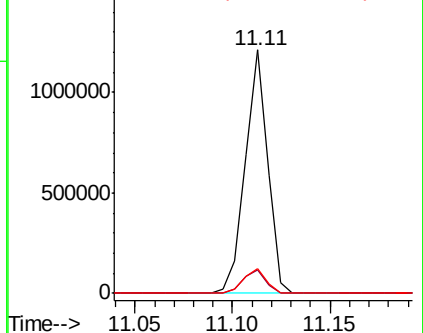
80 10.2 8.8 13.2



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: 5.173 ng

RT: 10.42 min Scan# 1443

Delta R.T. 0.18 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

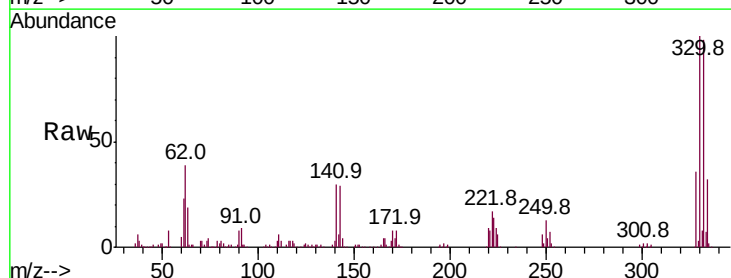
Tgt Ion:198 Resp: 1218

Ion Ratio Lower Upper

198 100

51 140.3 11.0 51.0#

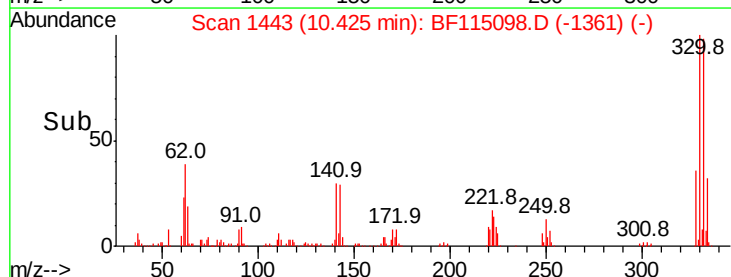
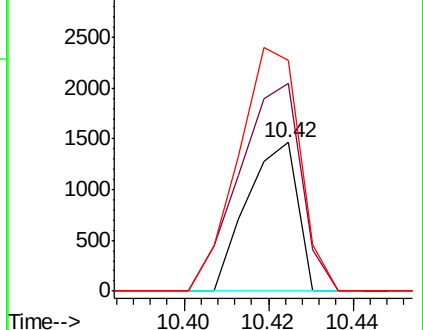
105 155.6 17.3 57.3#

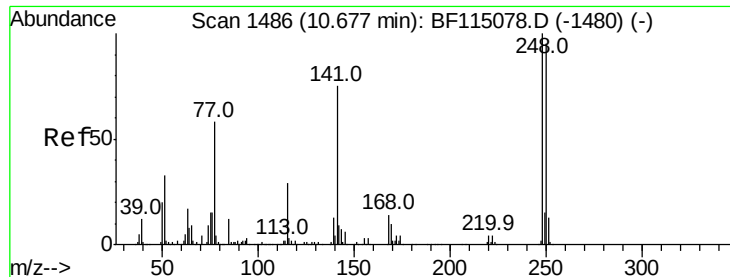


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.320 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.25 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

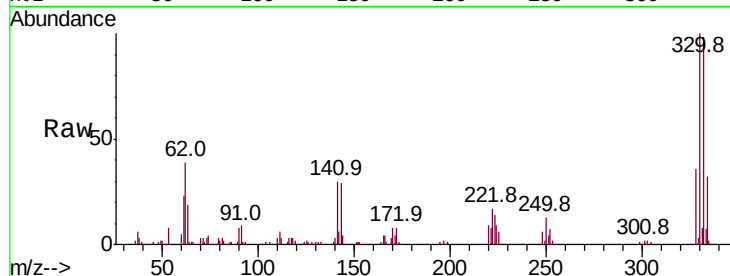
Tot Ion:248 Resp: 34654

Ion Ratio Lower Upper

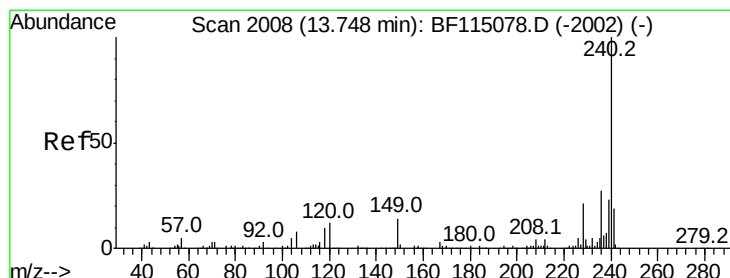
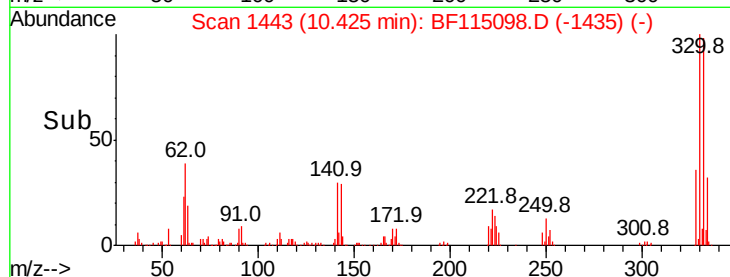
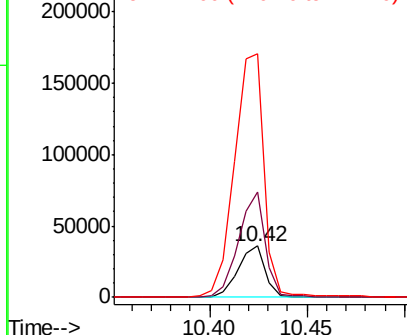
248 100

250 204.8 76.2 114.2#

141 472.6 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: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

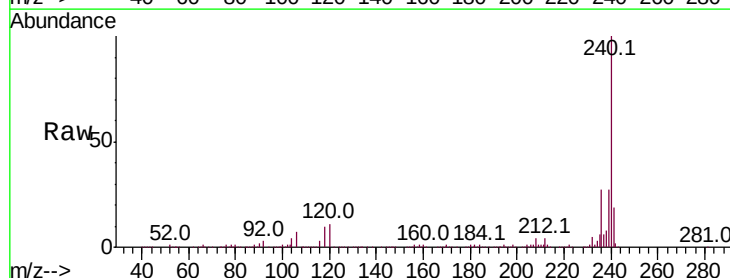
Tgt Ion:240 Resp: 771049

Ion Ratio Lower Upper

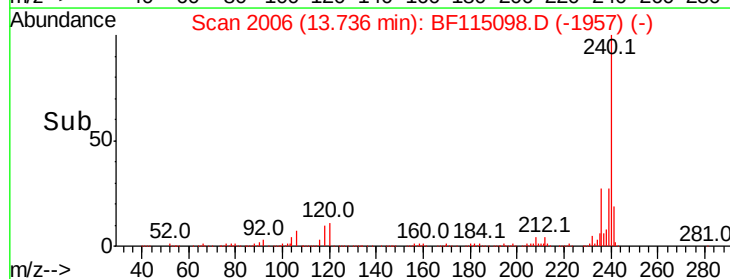
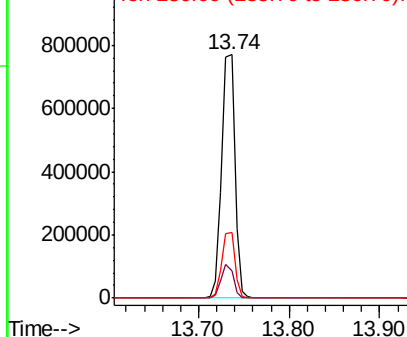
240 100

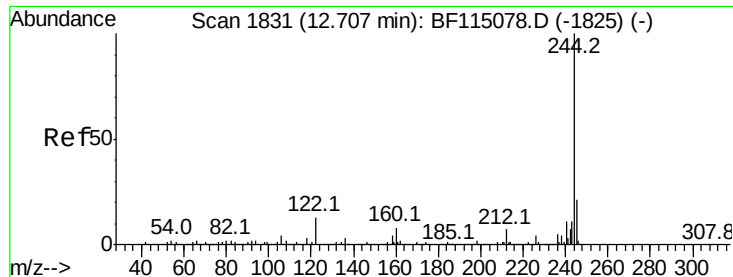
120 11.1 9.4 14.2

236 27.1 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



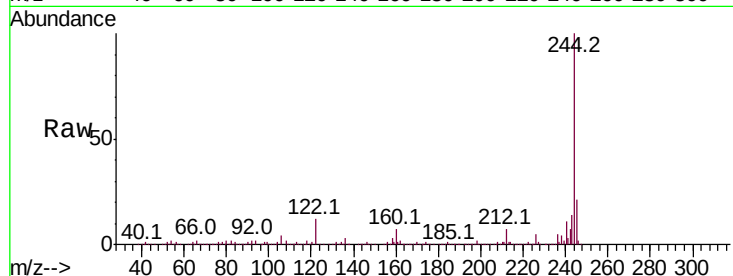


#79
 Terphenyl-d14
 Concen: 70.943 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115098.D
 Acq: 22 Jun 2019 00:30

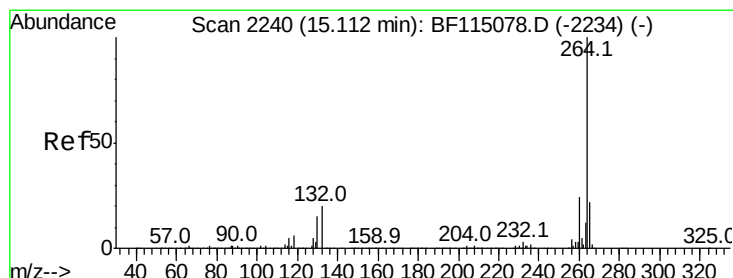
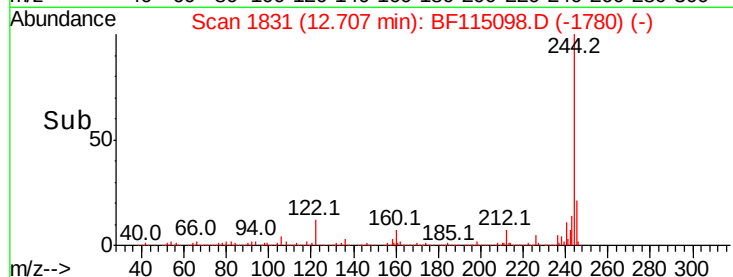
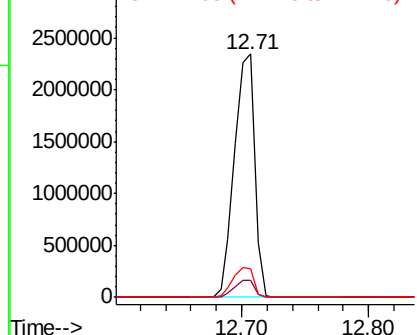
Instrument :
 BNA_F
 ClientSampleId :
 PB120612BL

Tot Ion:244 Resp: 2572726

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.7	10.4	15.6



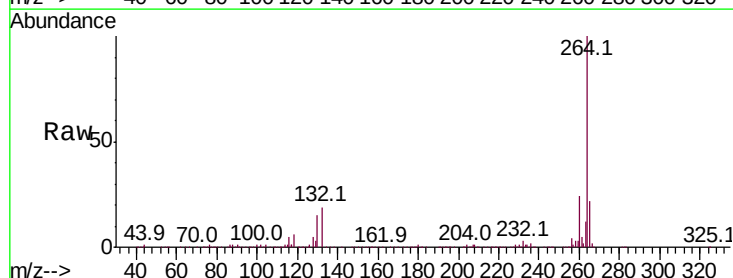
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF115098.D
 Acq: 22 Jun 2019 00:30

Tgt Ion:264 Resp: 790177

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.6	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

