

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119862.D
 Acq On : 9 Apr 2020 9:00
 Operator : MA/SJ
 Sample : L2151-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140

Quant Time: Apr 09 10:33:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

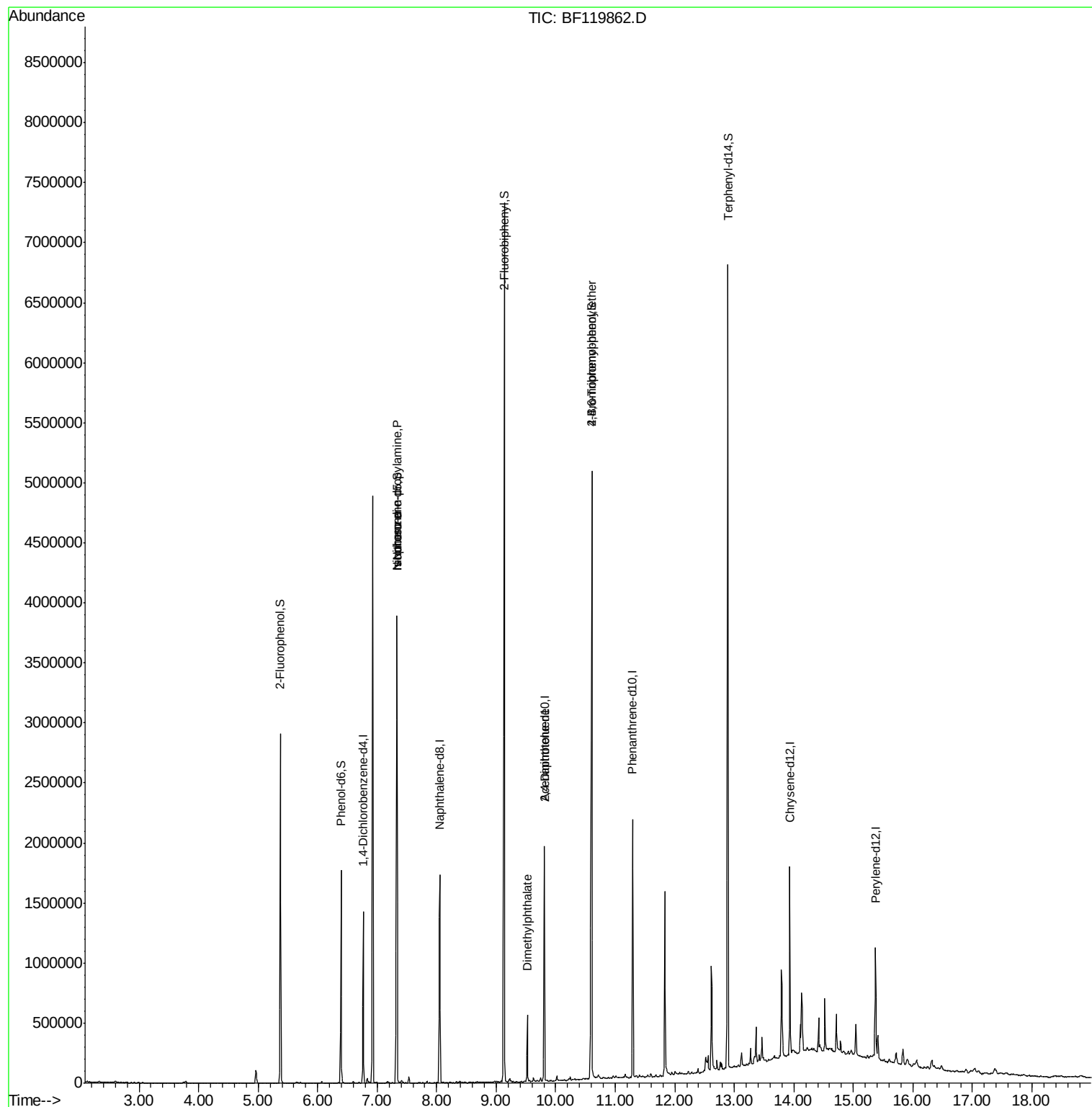
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	197567	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	775248	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	403130	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	790069	20.00	ng	0.00
76) Chrysene-d12	13.93	240	505214	20.00	ng	0.00
87) Perylene-d12	15.37	264	432801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	670290	58.63	ng	0.00
7) Phenol-d6	6.39	99	509232	34.57	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1359159	90.70	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	713639	144.59	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2639464	92.96	ng	0.00
79) Terphenyl-d14	12.89	244	2645242	88.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	713	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.33	70	183247	19.345	ng	# 77
25) Isophorone	7.33	82	1348464	46.680	ng	# 65
50) Dimethylphthalate	9.52	163	195268	6.262	ng	99
57) 2,4-Dinitrotoluene	9.81	165	53199	5.913	ng	# 23
67) 4-Bromophenyl-phenylether	10.60	248	42624	4.338	ng	# 1

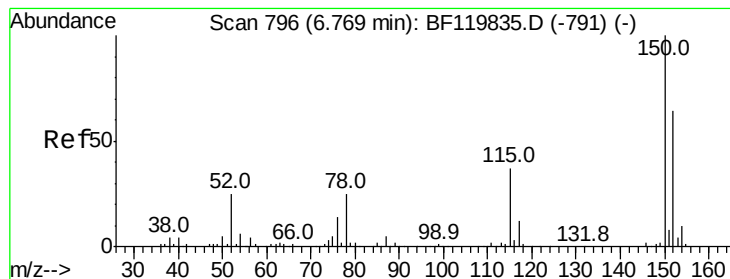
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

Instrument :

BNA_F

ClientSampleId :

CBH-140

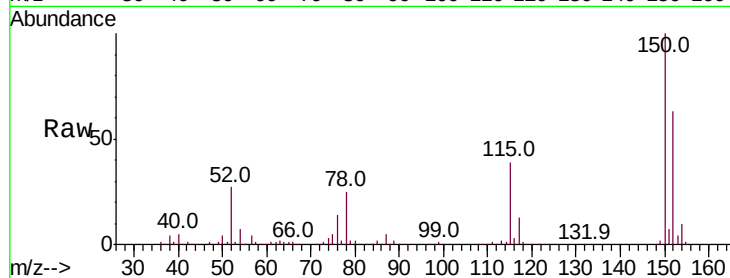
Tot Ion:152 Resp: 197567

Ion Ratio Lower Upper

152 100

150 159.1 124.8 187.2

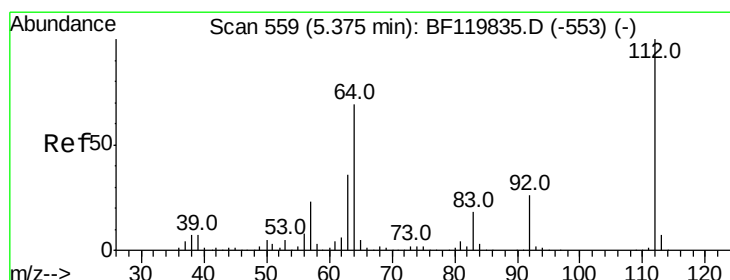
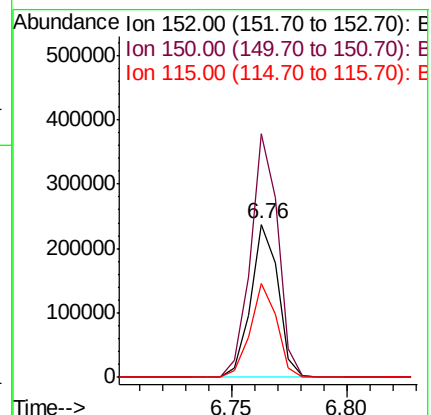
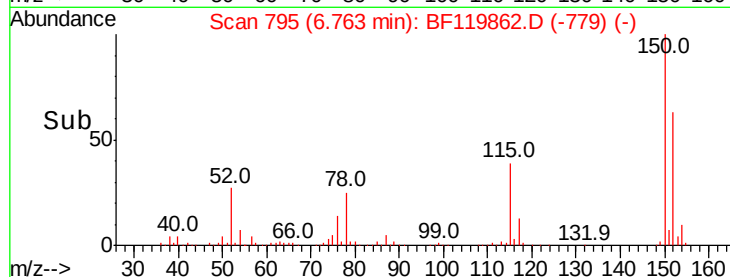
115 61.3 46.5 69.7



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: 58.632 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

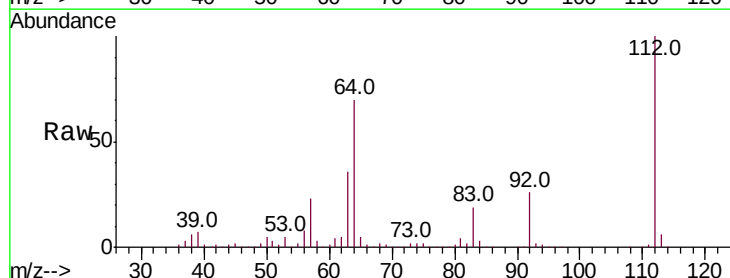
Tgt Ion:112 Resp: 670290

Ion Ratio Lower Upper

112 100

64 70.1 55.5 83.3

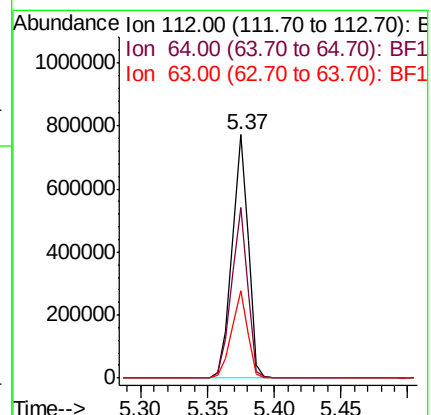
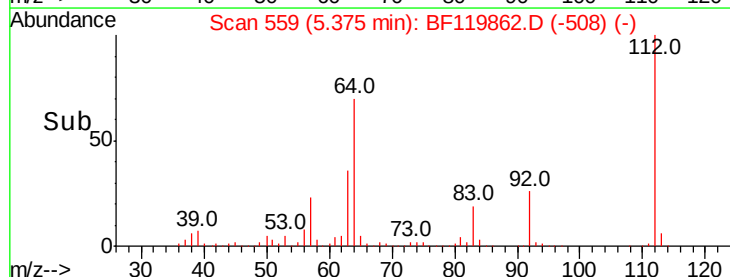
63 36.1 29.1 43.7

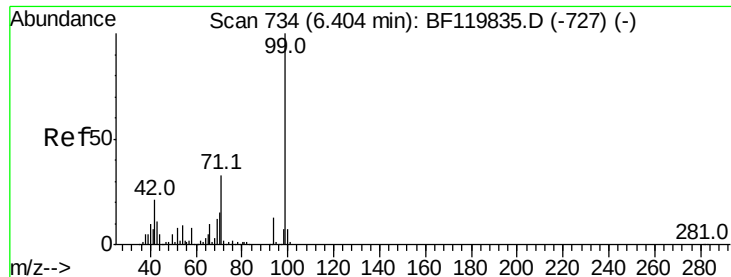


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 34.569 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

Instrument :

BNA_F

ClientSampleId :

CBH-140

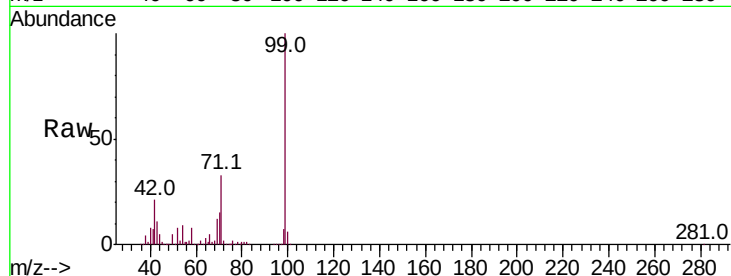
Tot Ion: 99 Resp: 509232

Ion Ratio Lower Upper

99 100

42 21.1 16.9 25.3

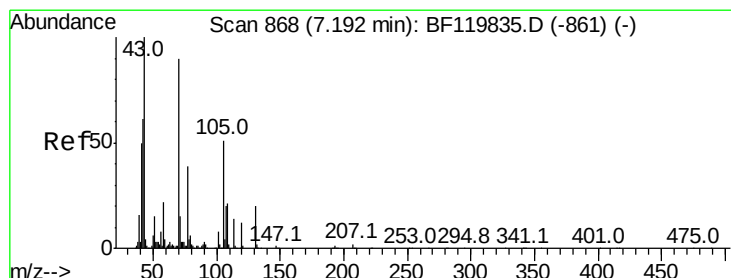
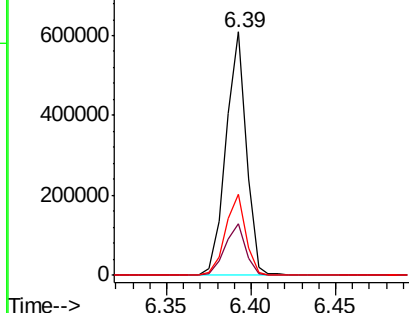
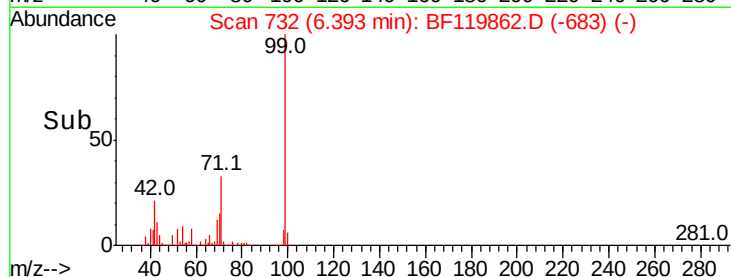
71 33.4 26.3 39.5



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: 19.345 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

Tgt Ion: 70 Resp: 183247

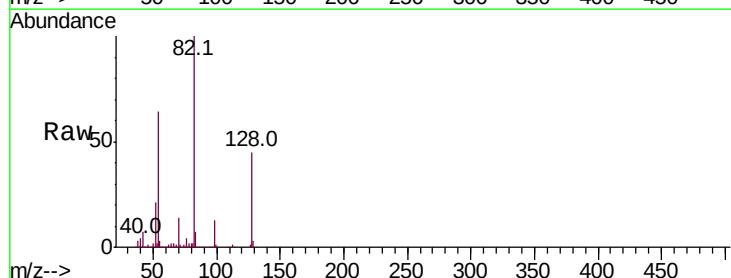
Ion Ratio Lower Upper

70 100

42 54.5 54.2 81.4

101 0.0 7.4 11.2#

130 1.6 17.8 26.6#

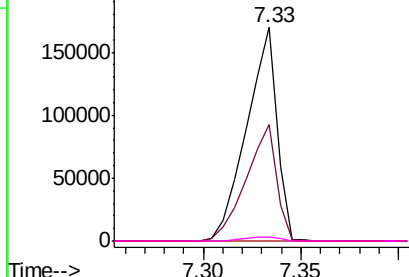
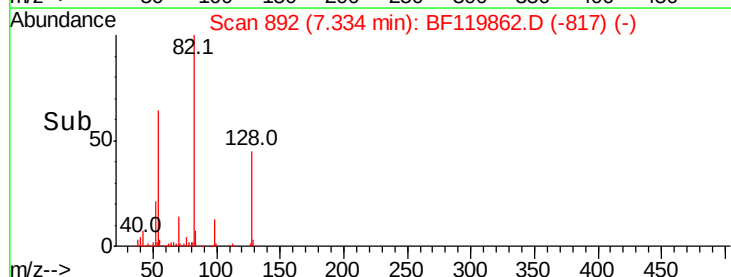


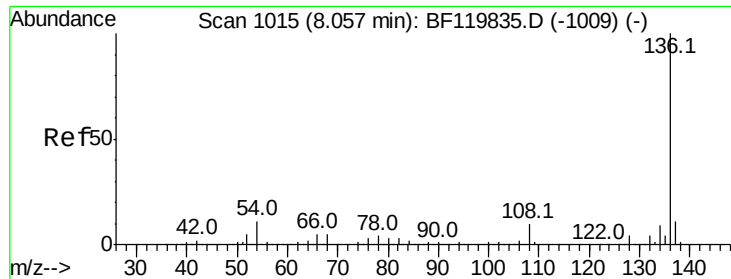
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

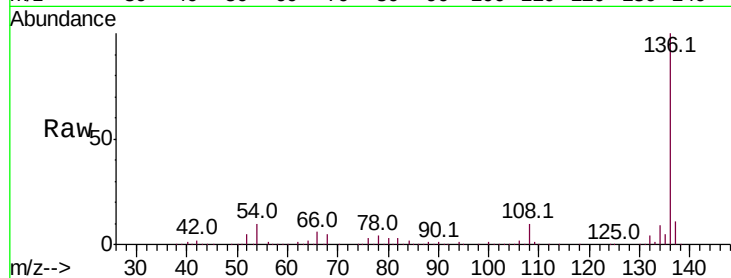




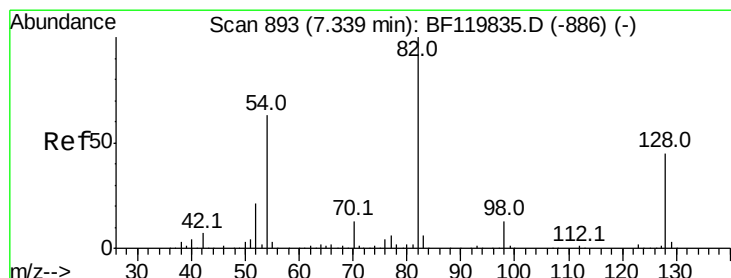
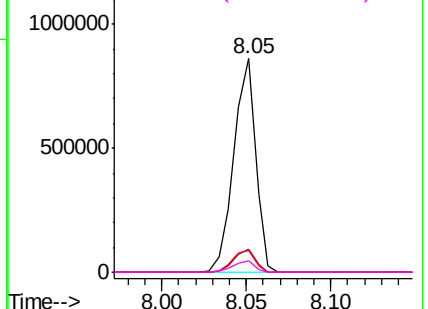
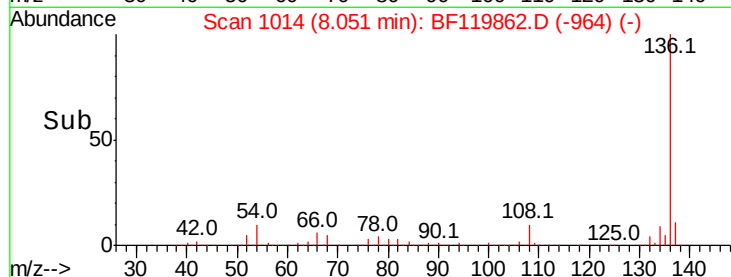
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119862.D
Acq: 9 Apr 2020 9:00

Instrument :
BNA_F
ClientSampleId :
CBH-140

Tot Ion:	136	Resp:	775248
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.1	8.5	12.7
68	5.3	3.9	5.9

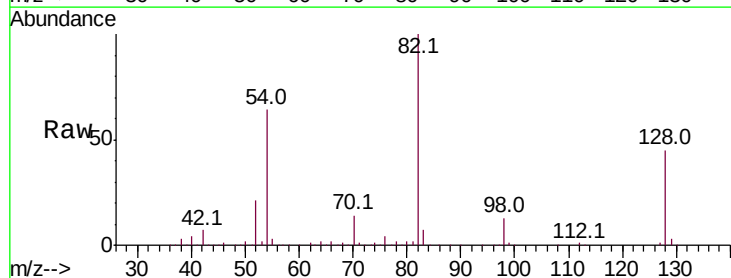


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

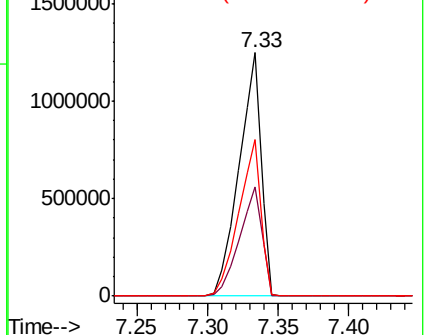
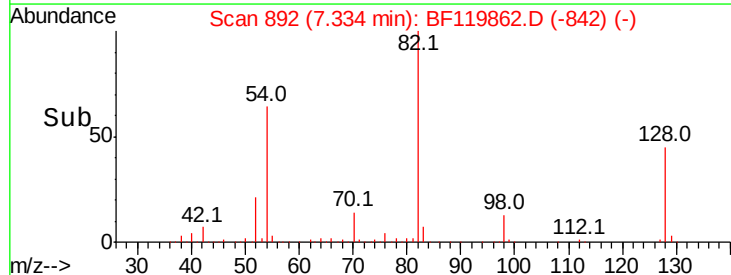


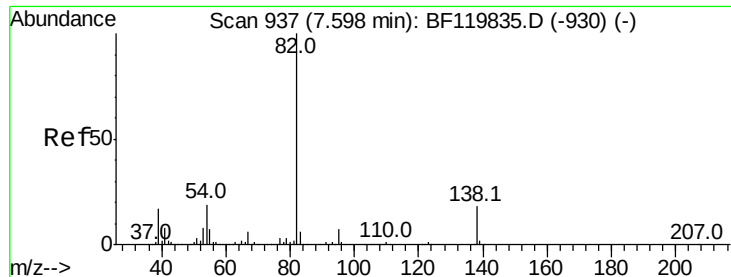
#23
Nitrobenzene-d5
Concen: 90.699 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119862.D
Acq: 9 Apr 2020 9:00

Tgt Ion:	82	Resp:	1359159
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.2	54.4
54	64.1	50.4	75.6



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: 46.680 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

Instrument :

BNA_F

ClientSampleId :

CBH-140

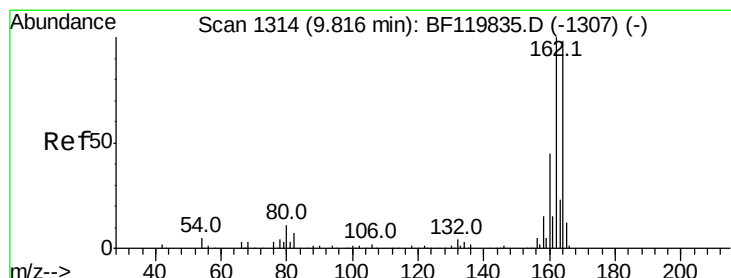
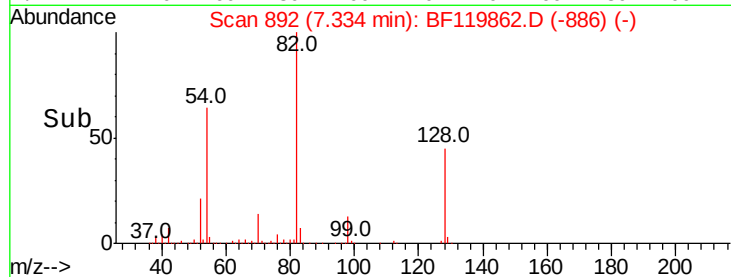
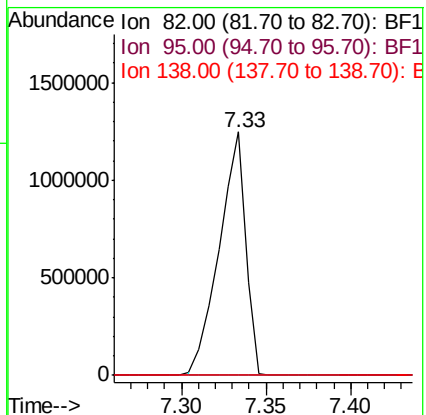
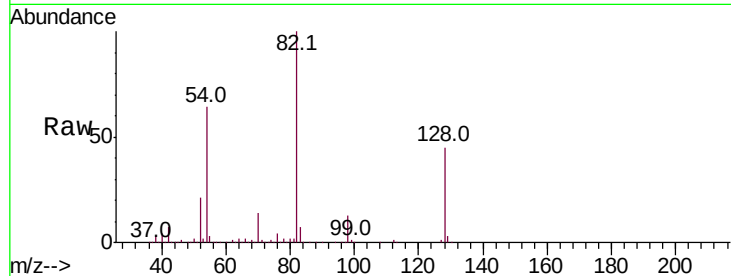
Tot Ion: 82 Resp: 1348464

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

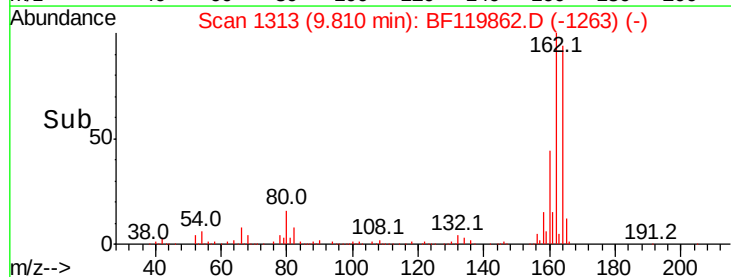
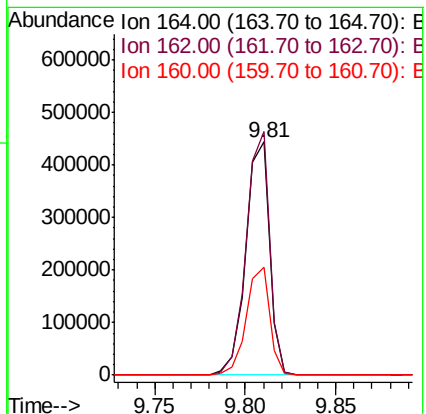
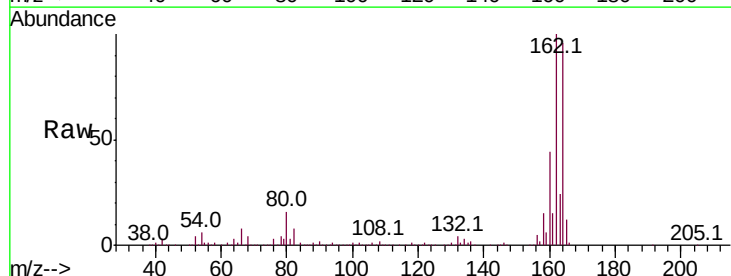
Tgt Ion:164 Resp: 403130

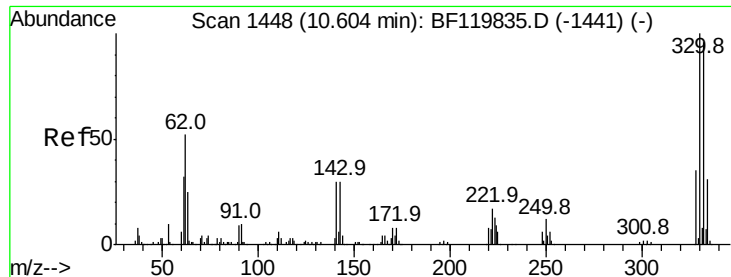
Ion Ratio Lower Upper

164 100

162 104.4 81.9 122.9

160 46.3 36.6 54.8

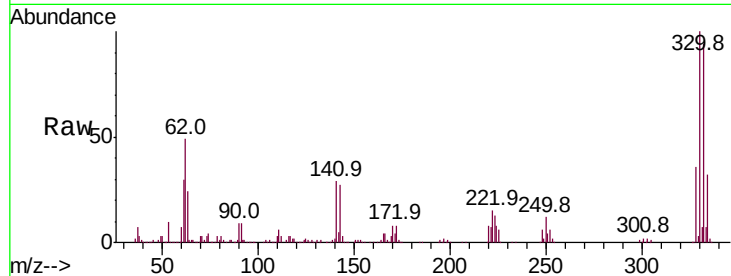




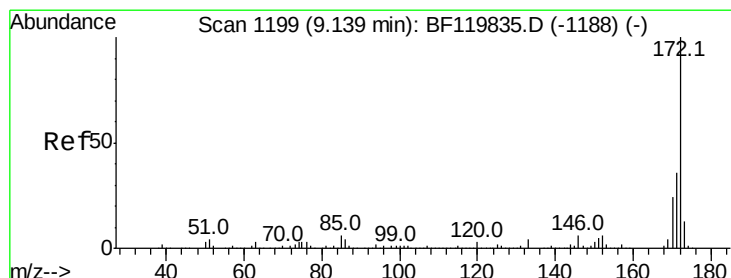
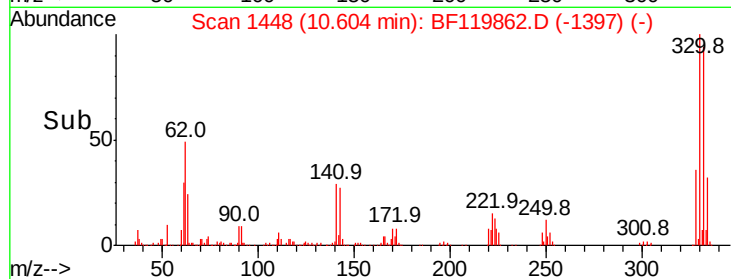
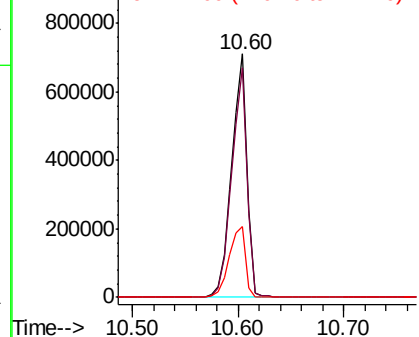
#42
 2,4,6-Tribromophenol
 Concen: 144.588 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF119862.D
 Acq: 9 Apr 2020 9:00

Instrument :
 BNA_F
 ClientSampled :
 CBH-140

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	31.4	25.1	37.7

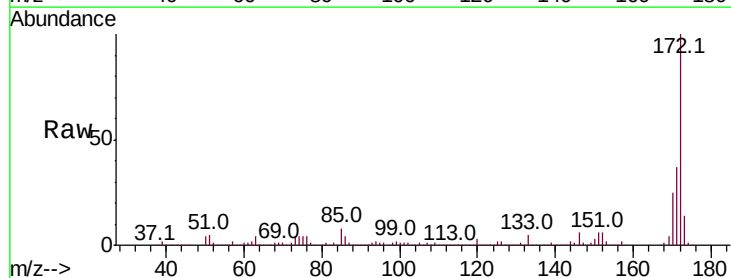


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

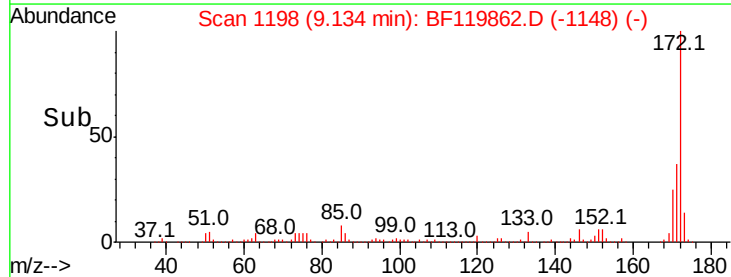
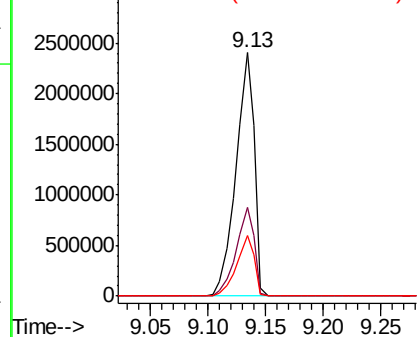


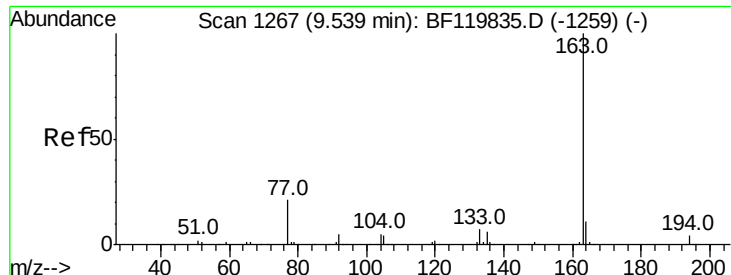
#45
 2-Fluorobiphenyl
 Concen: 92.959 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119862.D
 Acq: 9 Apr 2020 9:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	25.0	19.4	29.2



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

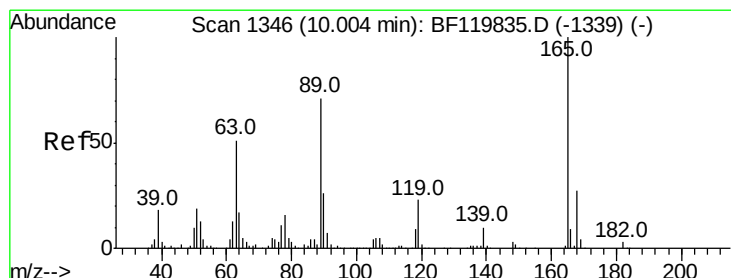
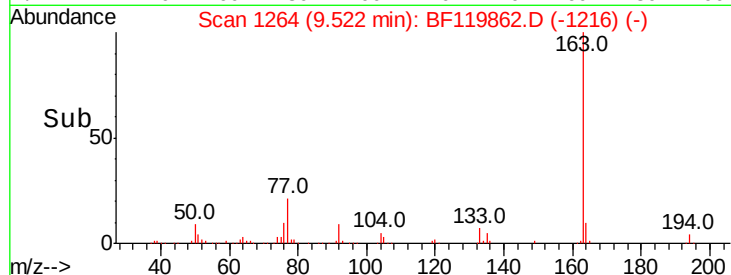
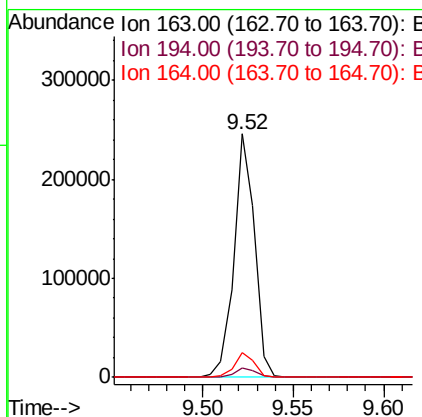
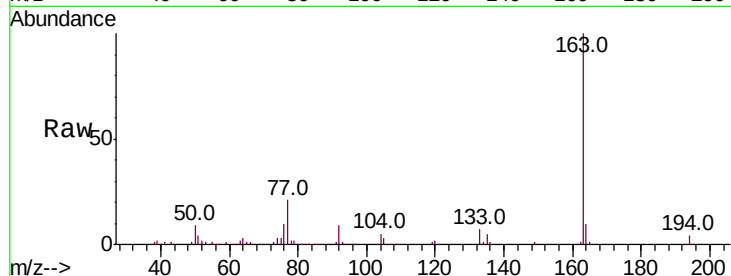




#50
Dimethylphthalate
Concen: 6.262 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF119862.D
Acq: 9 Apr 2020 9:00

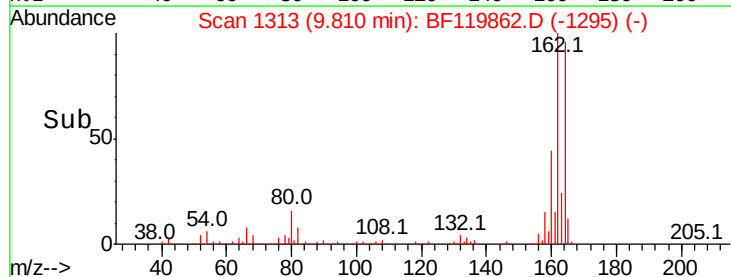
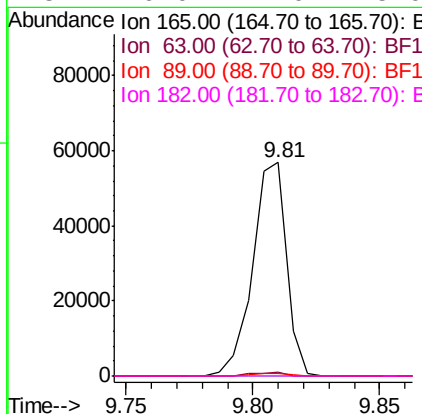
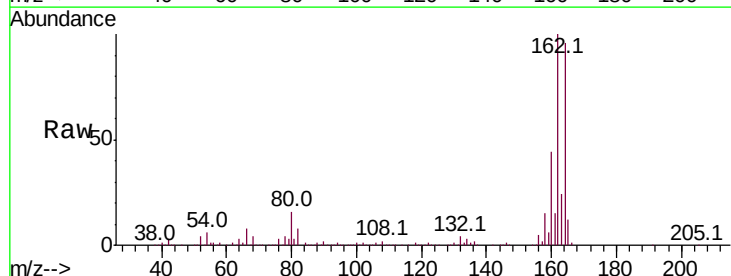
Instrument :
BNA_F
ClientSampleId :
CBH-140

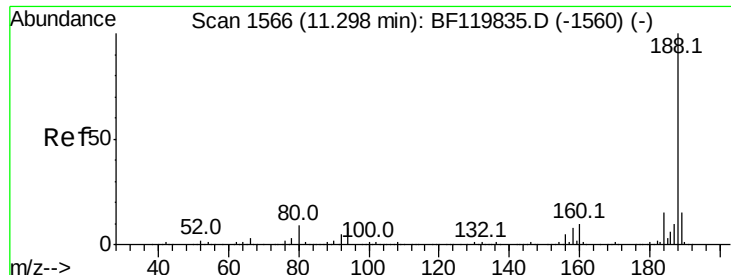
Tot Ion:	163	Resp:	195268
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.9	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF119862.D
Acq: 9 Apr 2020 9:00

Tgt Ion:	165	Resp:	53199
Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.8	61.2#
89	1.3	56.9	85.3#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

Instrument :

BNA_F

ClientSampleId :

CBH-140

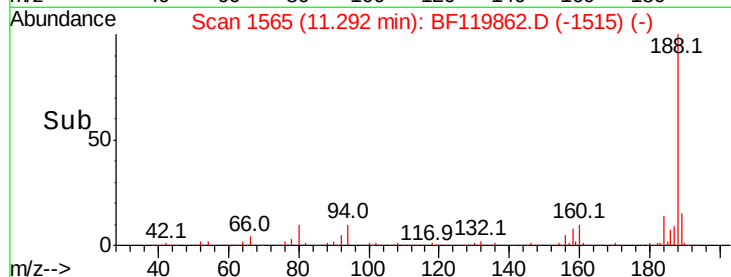
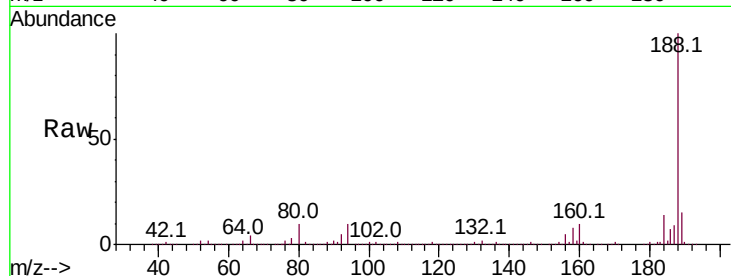
Tot Ion:188 Resp: 790069

Ion Ratio Lower Upper

188 100

94 9.7 6.7 10.1

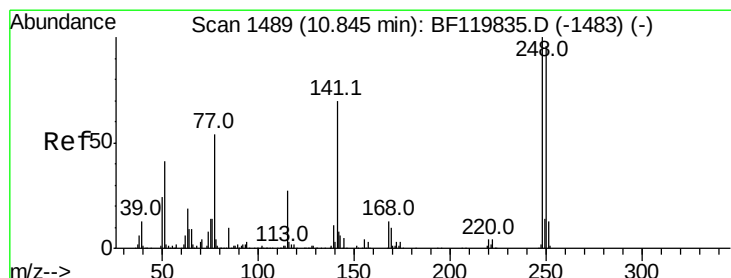
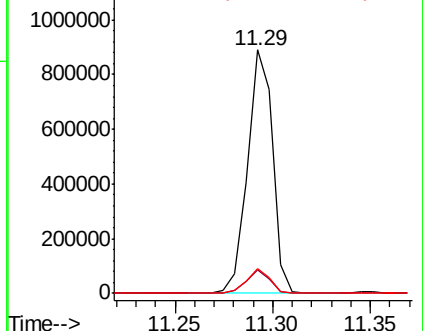
80 10.0 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 4.338 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.24 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

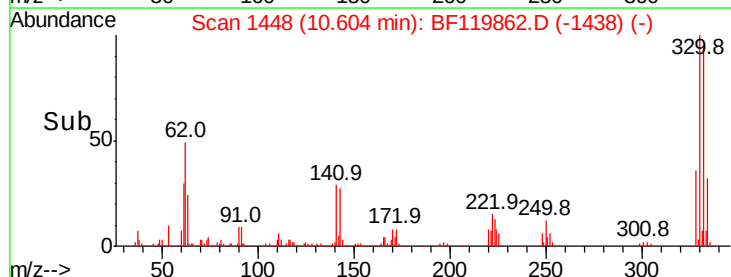
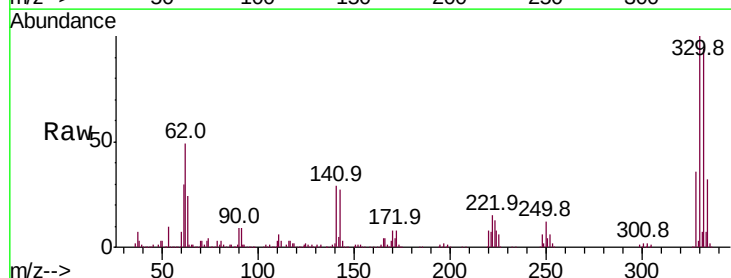
Tgt Ion:248 Resp: 42624

Ion Ratio Lower Upper

248 100

250 191.5 76.6 114.8#

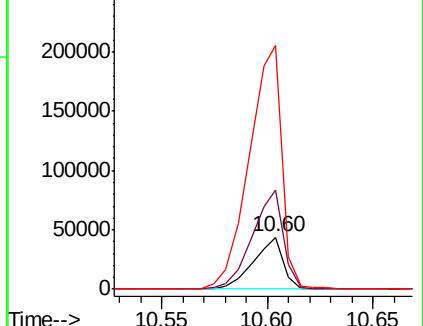
141 471.0 55.9 83.9#

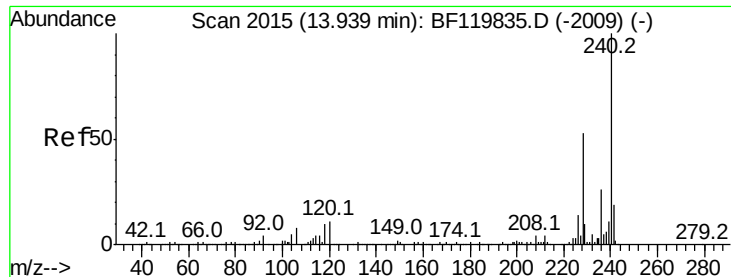


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

Instrument :

BNA_F

ClientSampleId :

CBH-140

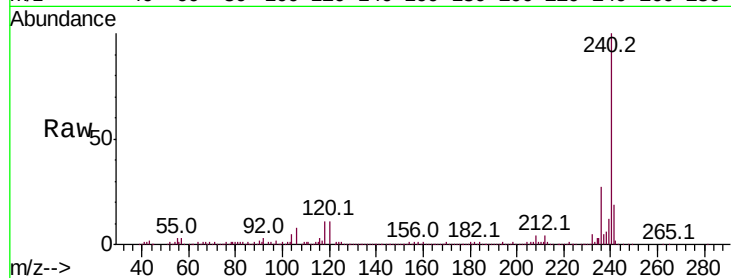
Tot Ion:240 Resp: 505214

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

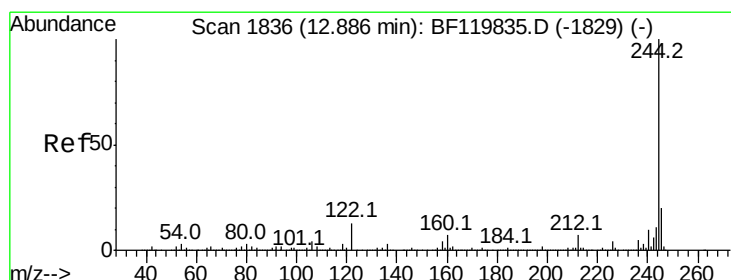
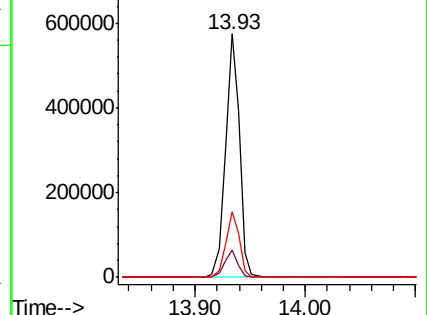
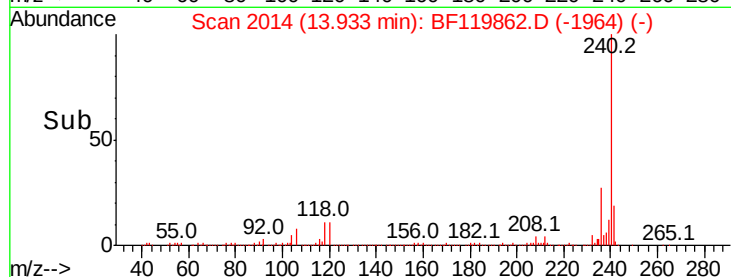
236 26.8 20.7 31.1



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: 88.102 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119862.D

Acq: 9 Apr 2020 9:00

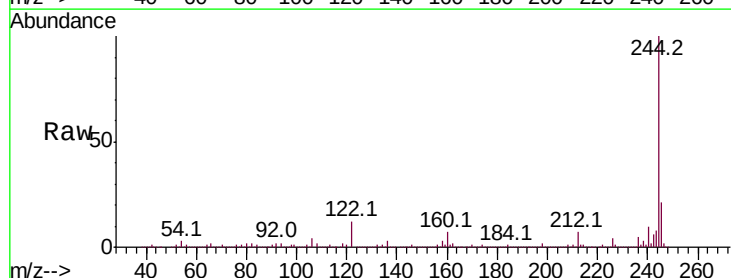
Tgt Ion:244 Resp: 2645242

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

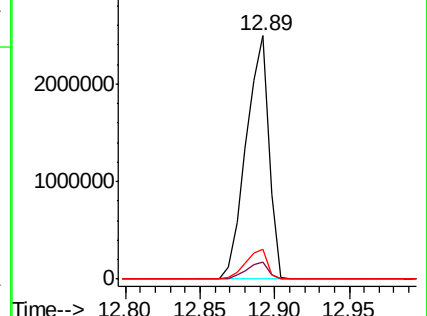
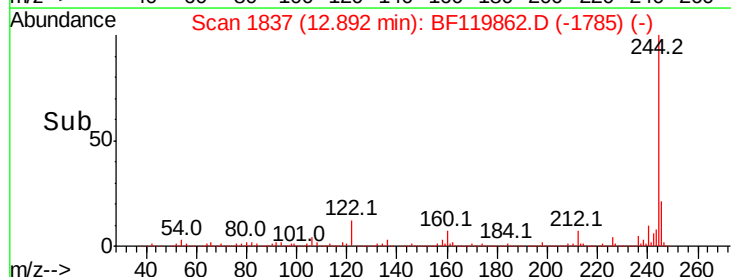
122 12.4 10.3 15.5

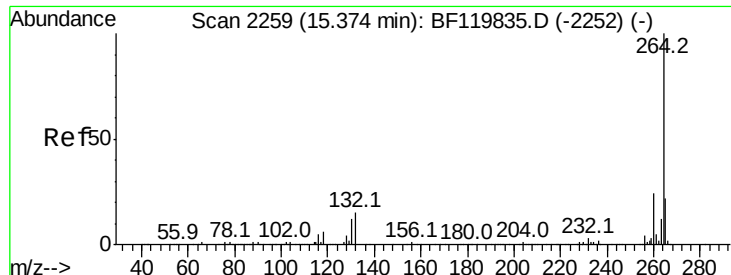


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BF119862.D
 Acq: 9 Apr 2020 9:00

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.9	17.6	26.4

