

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 10:53:32 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

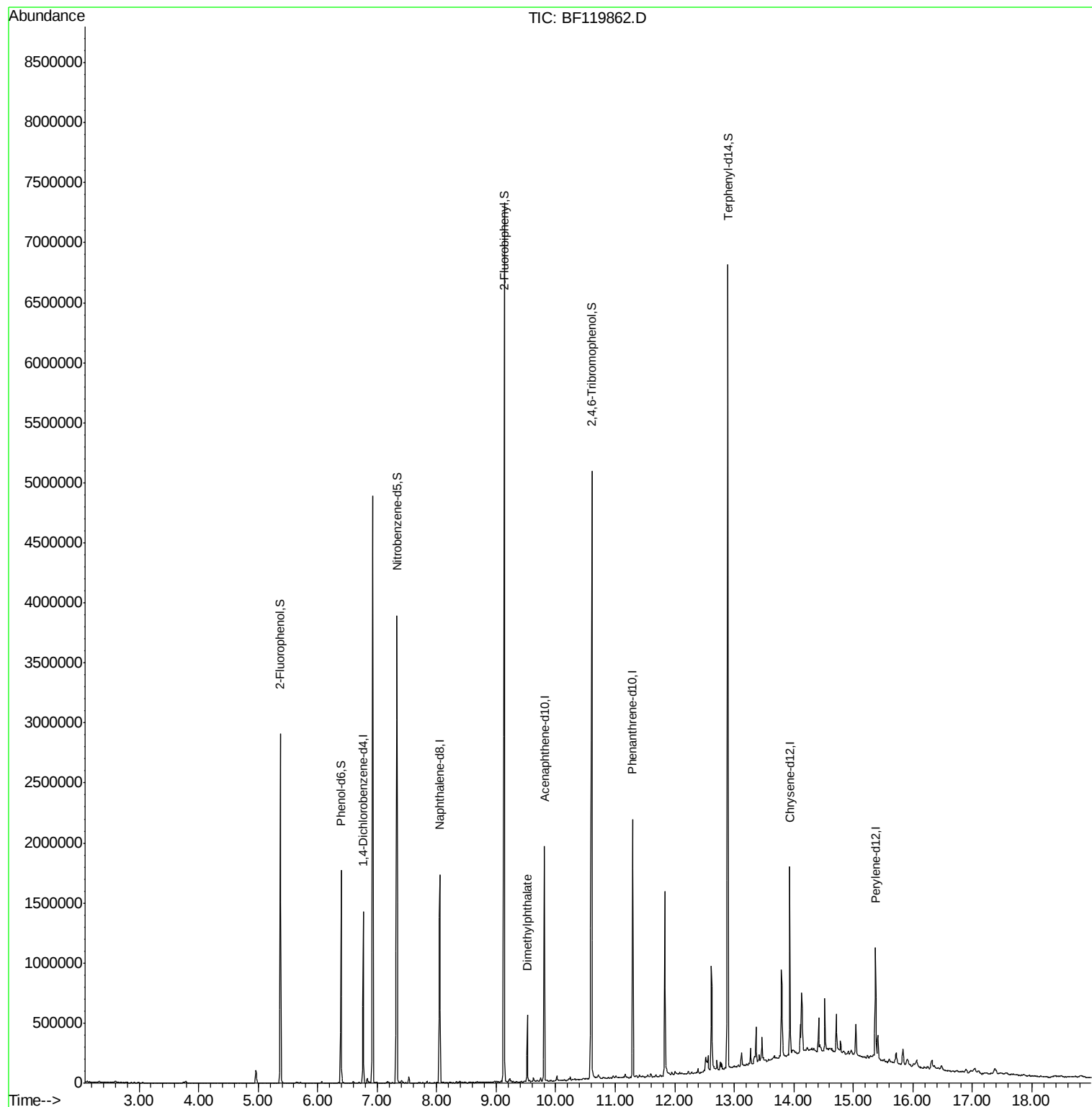
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	197567	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	775248	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	403130	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	790069	20.00	ng	0.00
76) Chrysene-d12	13.93	240	505214	20.00	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						
50) Dimethylphthalate	9.52	163	195268	6.262	ng	Qvalue 99

(#) = 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

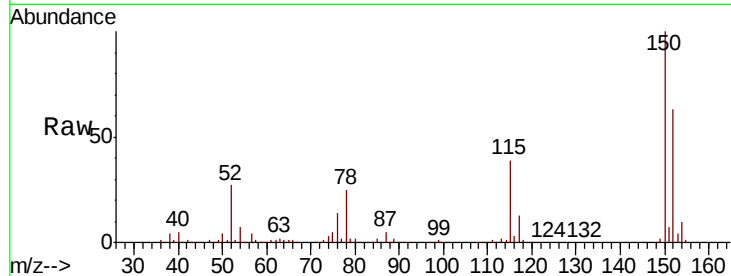
Tot Ion:152 Resp: 197567

Ion Ratio Lower Upper

152 100

150 159.1 124.8 187.2

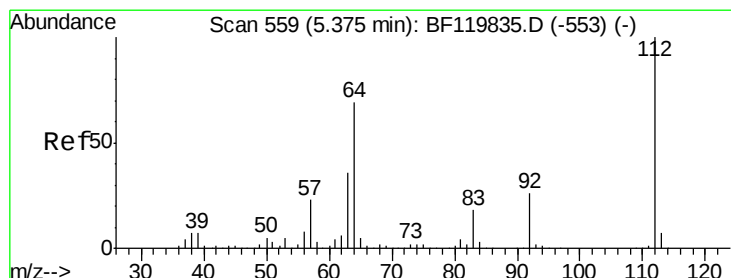
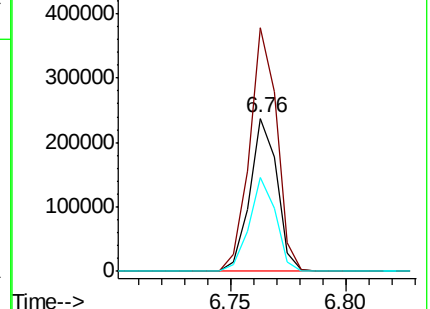
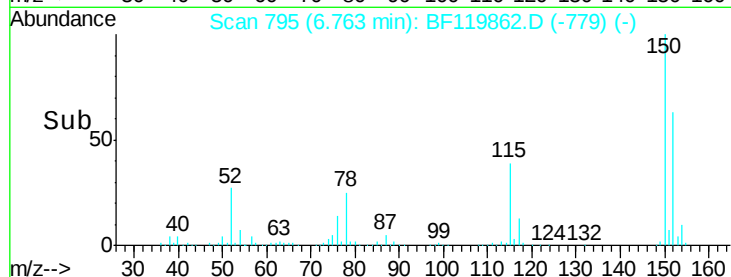
115 61.3 46.5 69.7



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

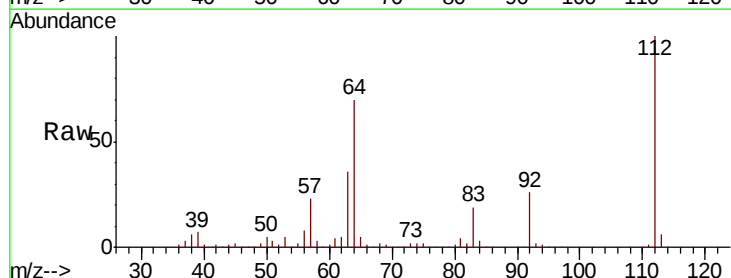
Tgt Ion:112 Resp: 670290

Ion Ratio Lower Upper

112 100

64 70.1 55.5 83.3

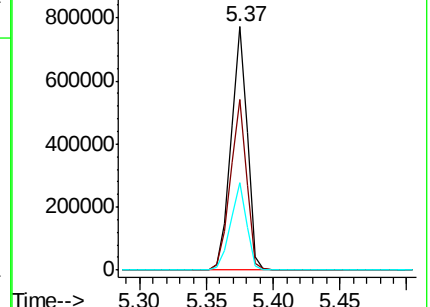
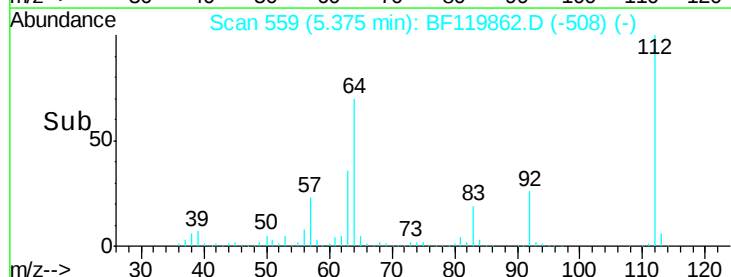
63 36.1 29.1 43.7



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

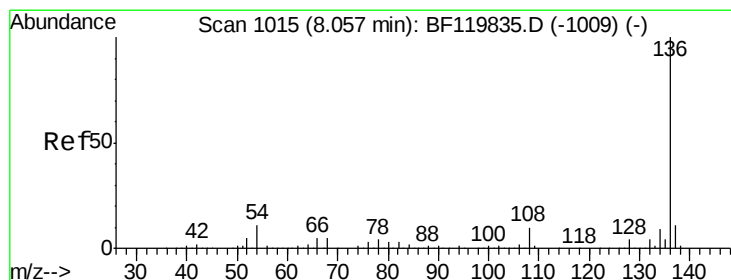
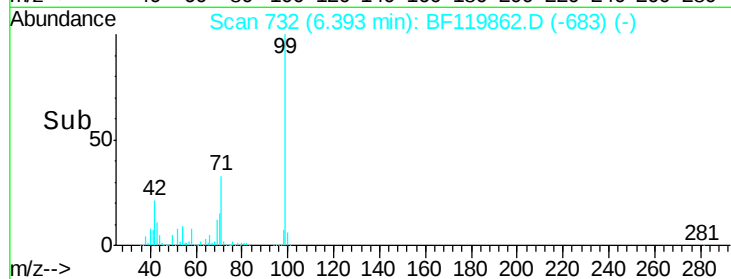
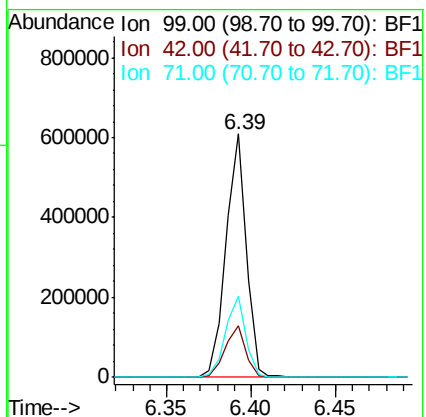
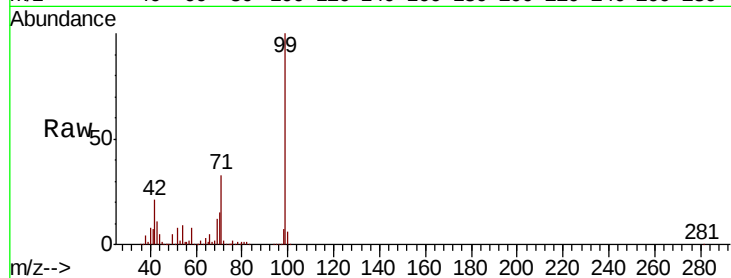
Tot Ion: 99 Resp: 509232

Ion Ratio Lower Upper

99 100

42 21.1 16.9 25.3

71 33.4 26.3 39.5



#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

Tgt Ion: 136 Resp: 775248

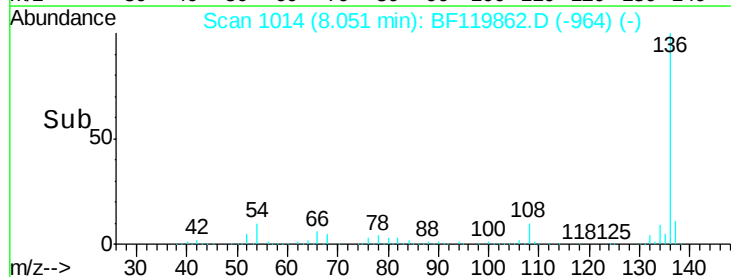
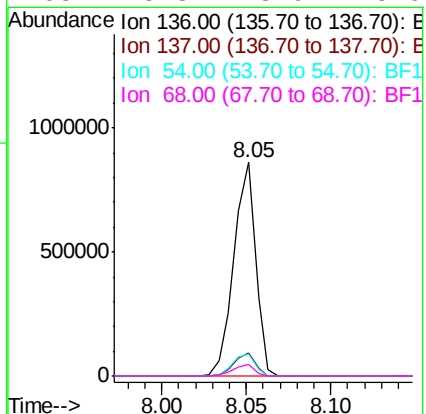
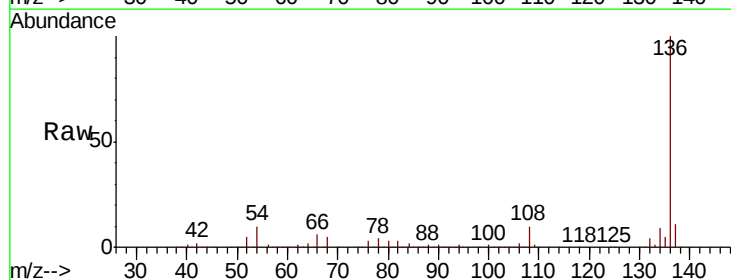
Ion Ratio Lower Upper

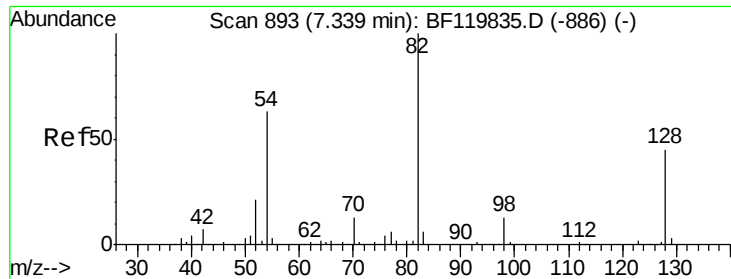
136 100

137 10.7 8.7 13.1

54 10.1 8.5 12.7

68 5.3 3.9 5.9

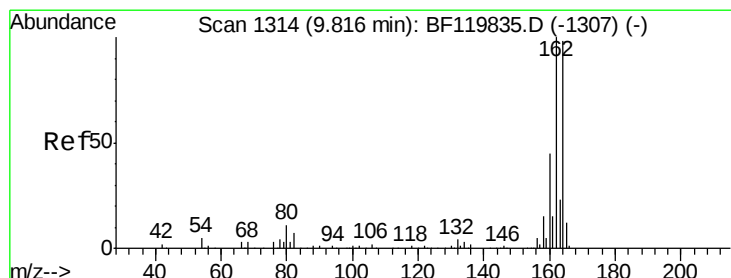
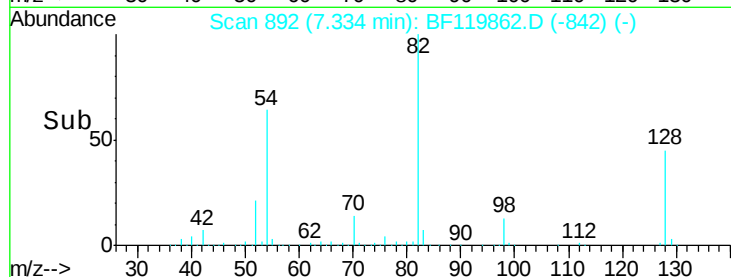
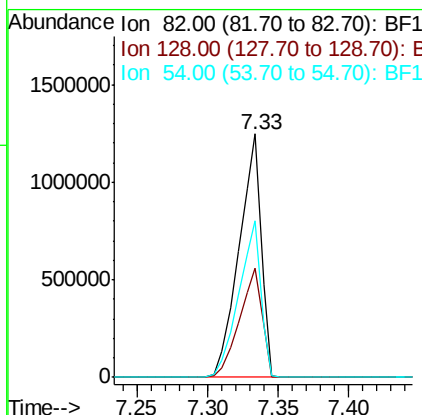
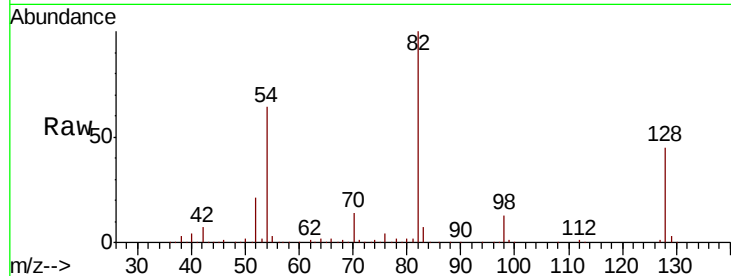




#23
Nitrobenzene-d5
Concen: 90.699 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119862.D
Acq: 9 Apr 2020 9:00

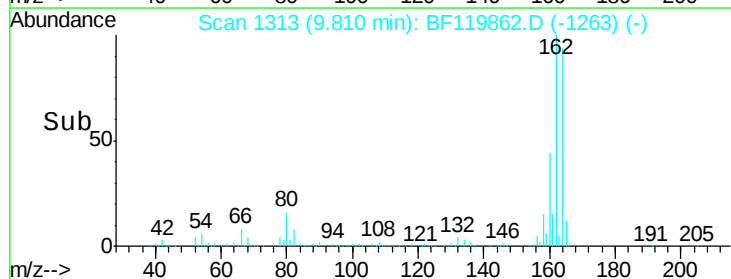
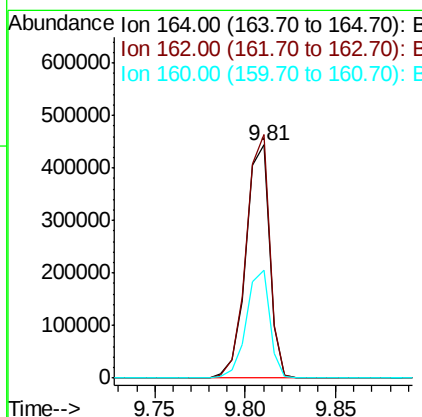
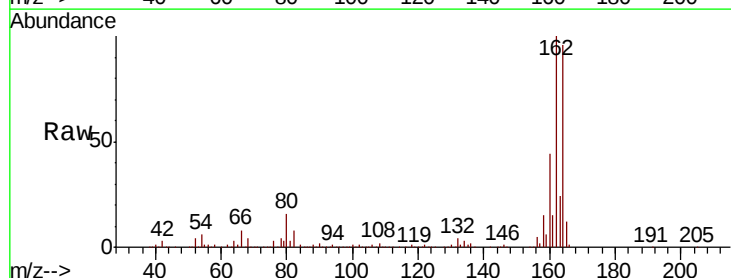
Instrument :
BNA_F
ClientSampleId :
CBH-140

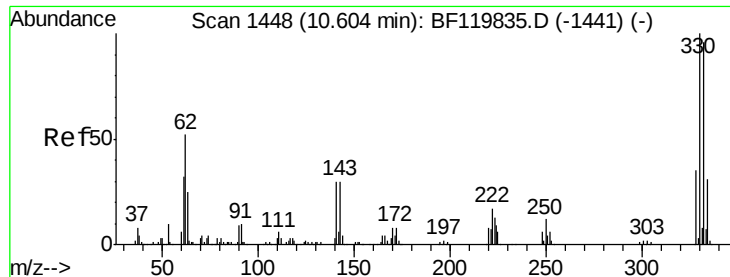
Tot Ion: 82 Resp: 1359159
Ion Ratio Lower Upper
82 100
128 45.0 36.2 54.4
54 64.1 50.4 75.6



#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

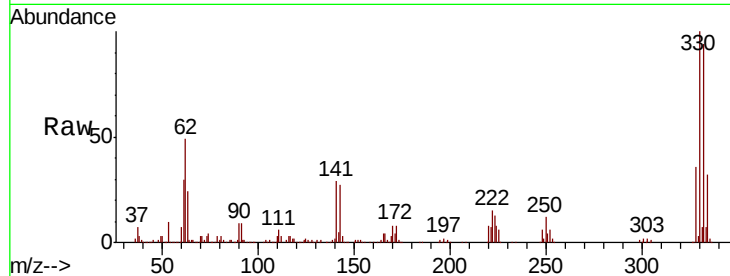




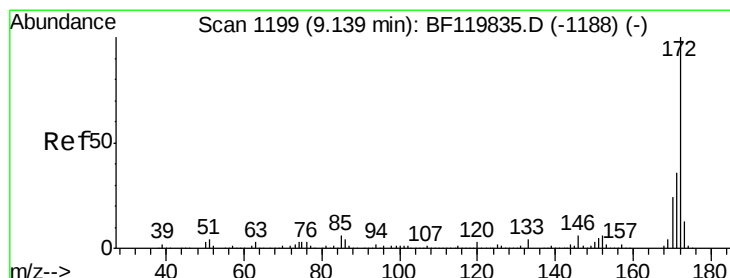
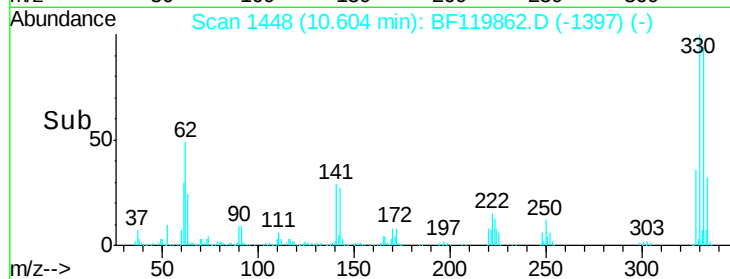
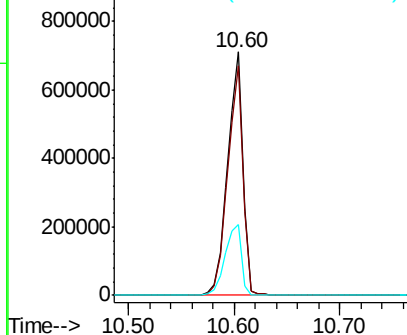
#42
 2,4,6-Tribromophenol
 Concen: 144.588 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF119862.D
 Acq: 9 Apr 2020 9:00

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140

Tot Ion:330 Resp: 713639
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.8 115.2
 141 31.4 25.1 37.7

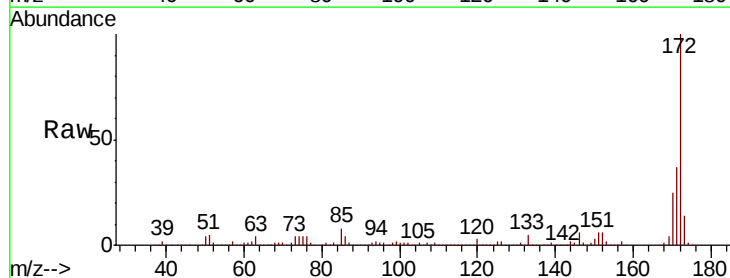


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

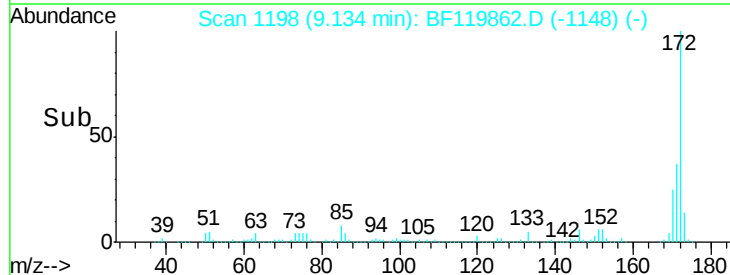
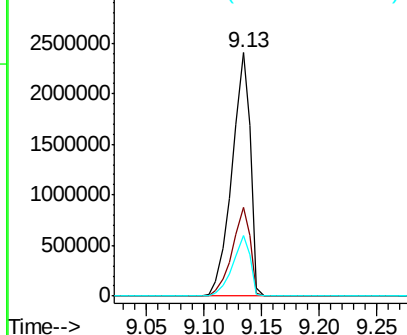


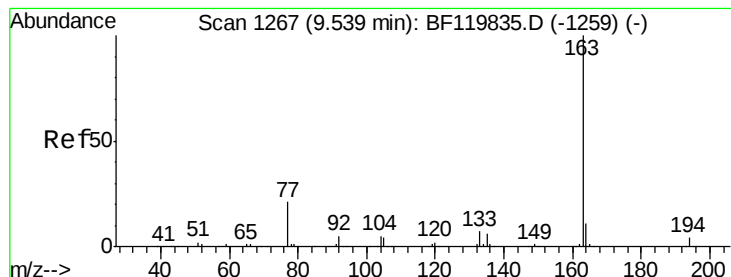
#45
 2-Fluorobiphenyl
 Concen: 92.959 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119862.D
 Acq: 9 Apr 2020 9:00

Tgt Ion:172 Resp: 2639464
 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

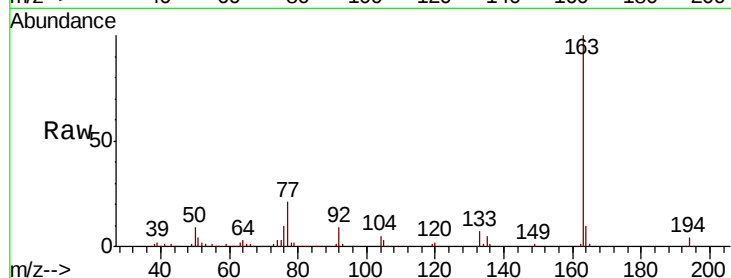
Tot Ion:163 Resp: 195268

Ion Ratio Lower Upper

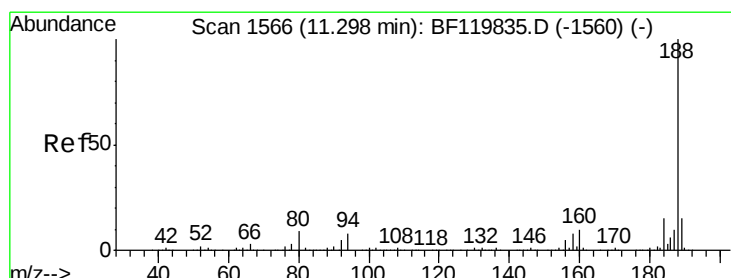
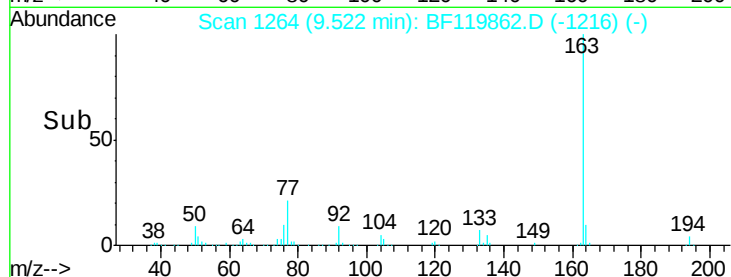
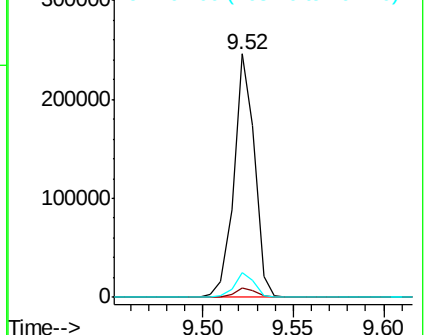
163 100

194 3.9 3.0 4.4

164 9.9 8.4 12.6



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



#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

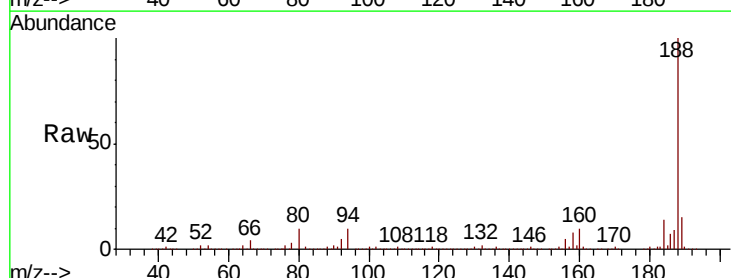
Tgt Ion:188 Resp: 790069

Ion Ratio Lower Upper

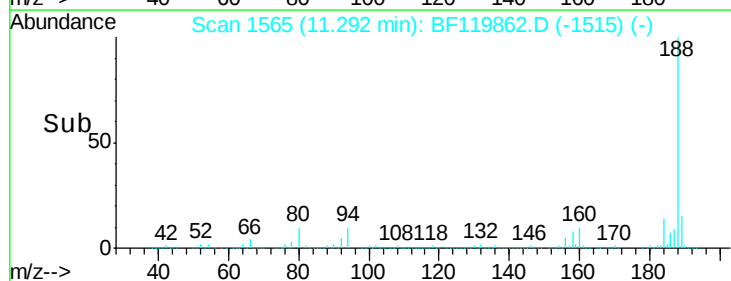
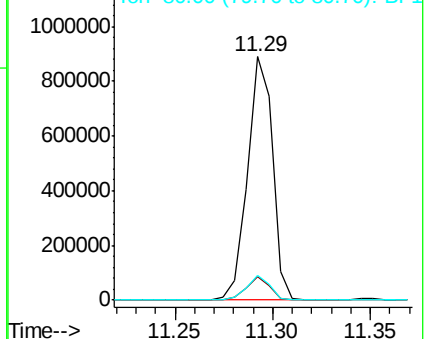
188 100

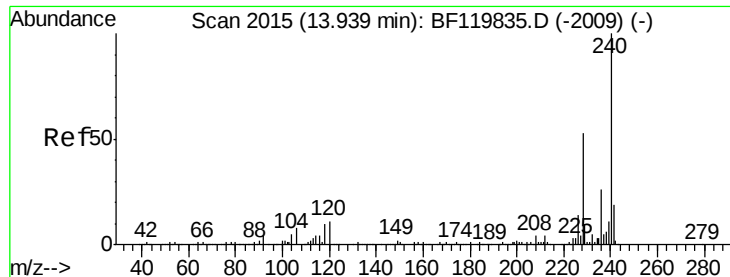
94 9.7 6.7 10.1

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





#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

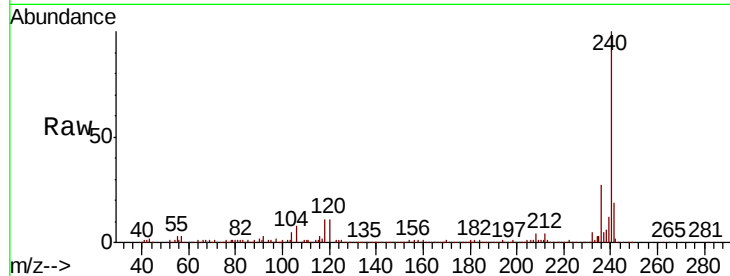
Tot Ion:240 Resp: 505214

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

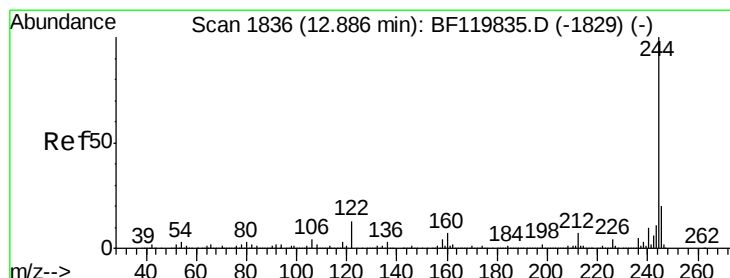
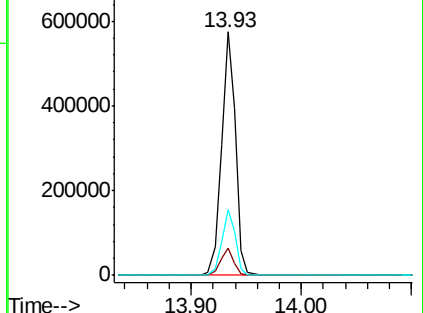
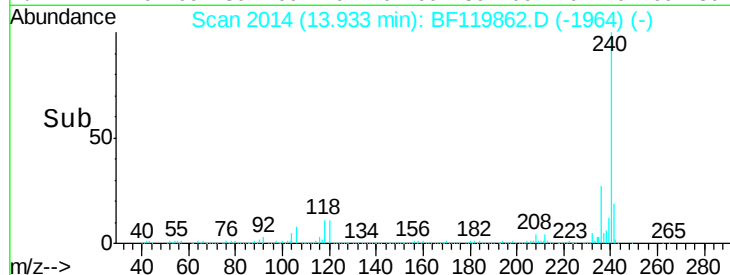
236 26.8 20.7 31.1



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

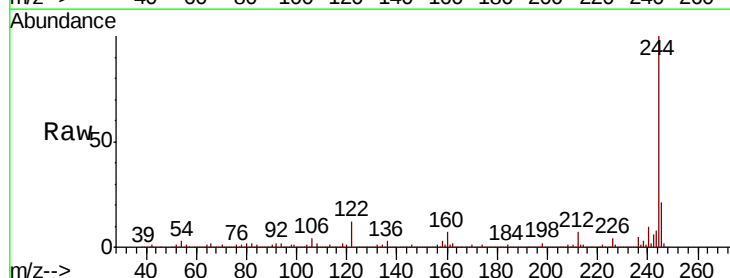
Tgt Ion:244 Resp: 2645242

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

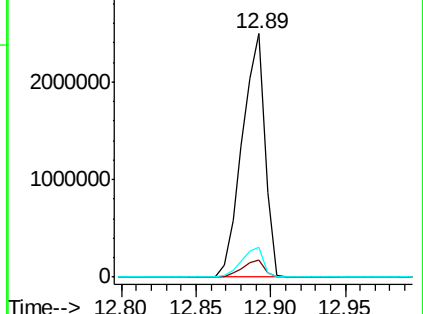
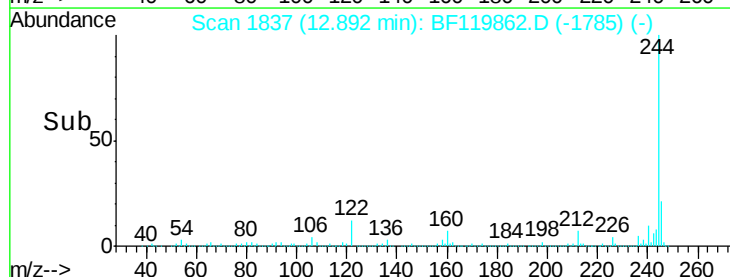
122 12.4 10.3 15.5

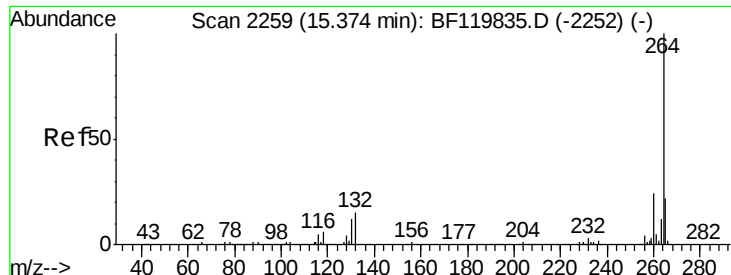


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

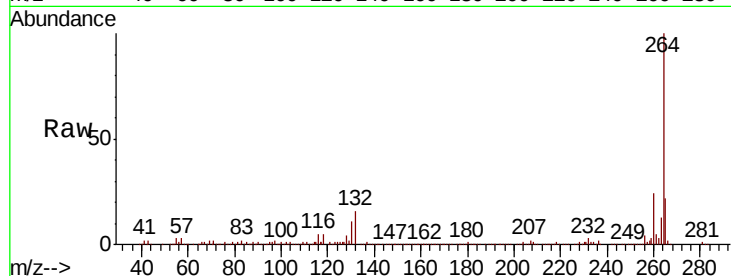




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BF119862.D
 Acq: 9 Apr 2020 9:00

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



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

