

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119886.D
 Acq On : 9 Apr 2020 22:47
 Operator : MA/SJ
 Sample : L2162-05 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-54-53-COMP

Quant Time: Apr 10 03:44:19 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

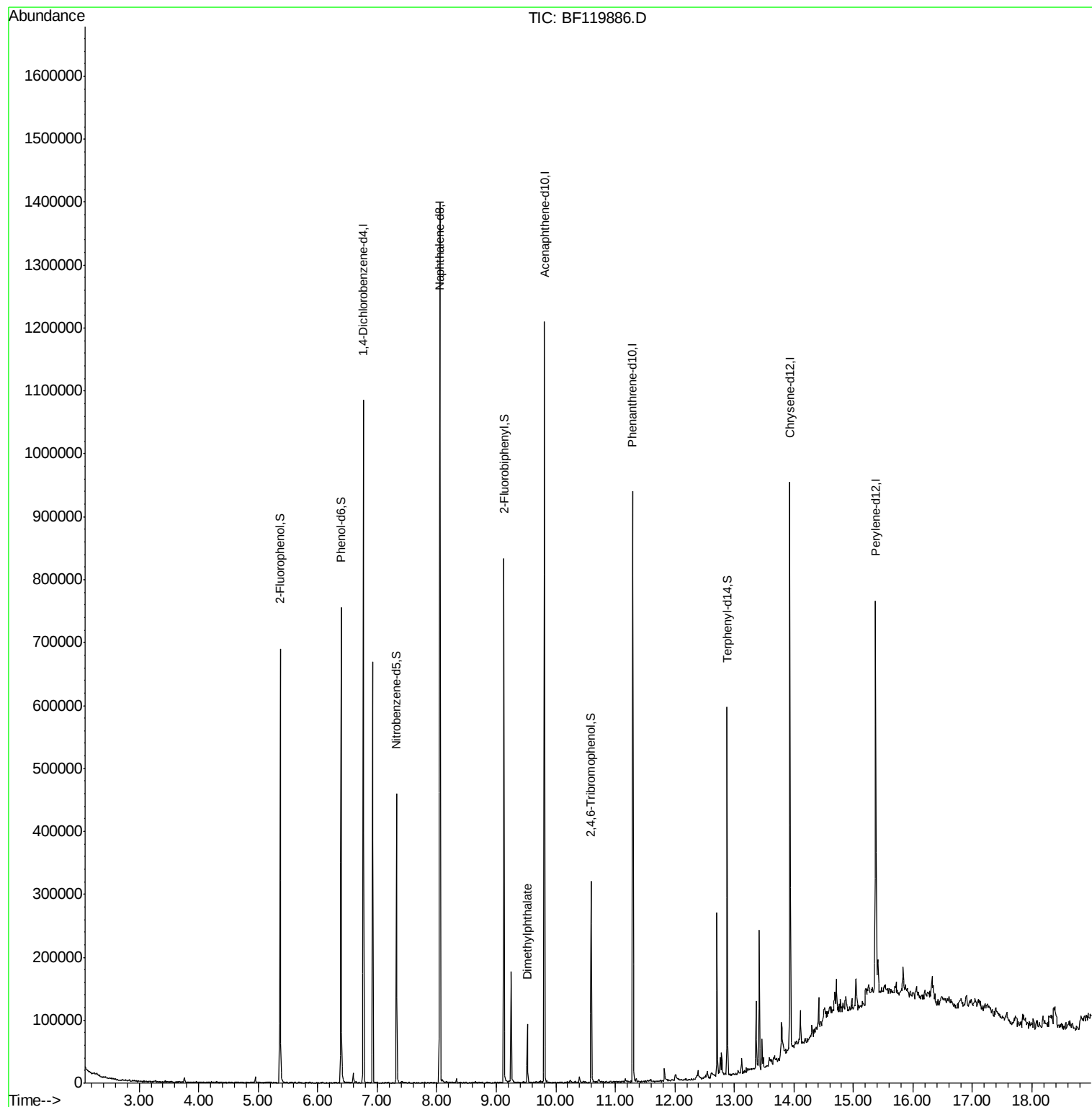
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148525	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	552664	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	218042	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	344891	20.00	ng	0.00
76) Chrysene-d12	13.94	240	327980	20.00	ng	0.00
87) Perylene-d12	15.37	264	281641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	161110	18.75	ng	0.00
7) Phenol-d6	6.39	99	204921	18.50	ng	-0.01
23) Nitrobenzene-d5	7.33	82	120957	11.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	35927	13.46	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	235527	15.34	ng	-0.01
79) Terphenyl-d14	12.88	244	182844	9.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	33890	2.009	ng	Qvalue 97

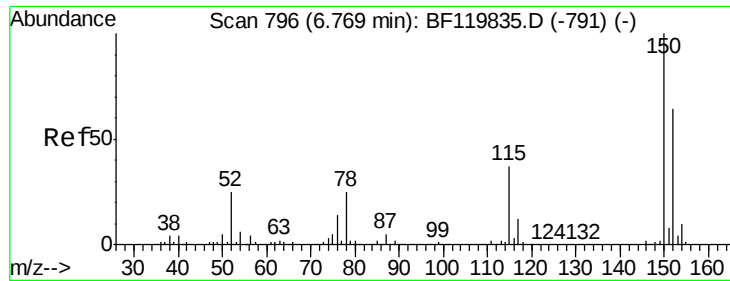
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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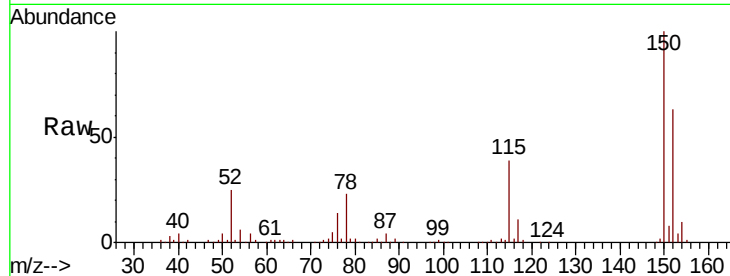


#1

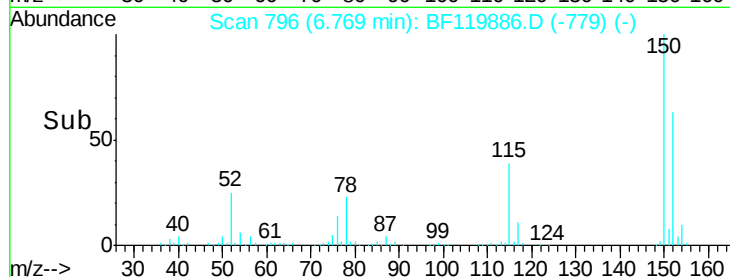
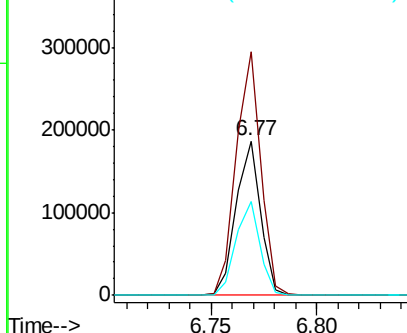
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Instrument :
BNA_F
ClientSampleId :
TP-54-53-COMP

Tot Ion:152 Resp: 148525
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 60.8 46.5 69.7



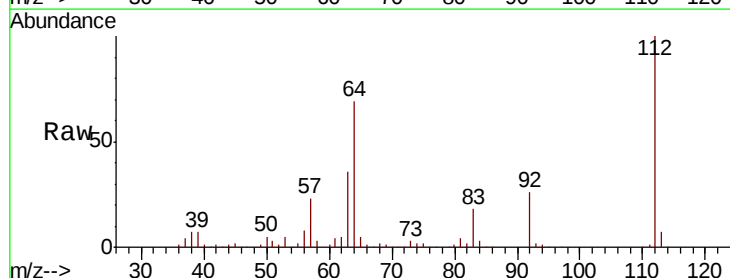
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



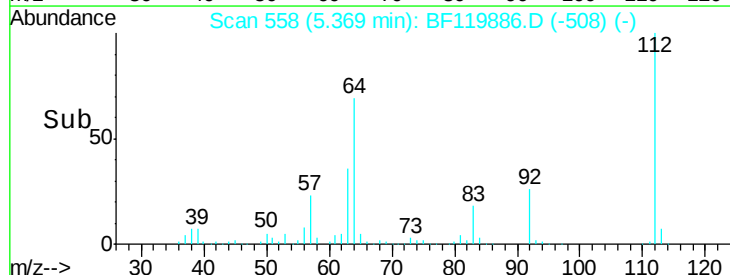
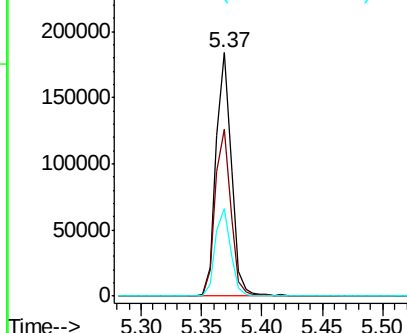
#5

2-Fluorophenol
Concen: 18.746 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Tgt Ion:112 Resp: 161110
Ion Ratio Lower Upper
112 100
64 68.6 55.5 83.3
63 35.9 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: 18.504 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Instrument :

BNA_F

ClientSampleId :

TP-54-53-COMP

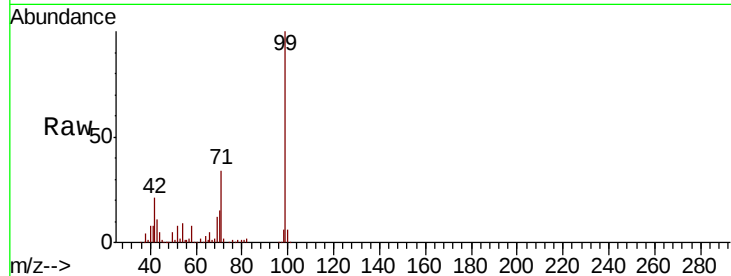
Tot Ion: 99 Resp: 204921

Ion Ratio Lower Upper

99 100

42 21.4 16.9 25.3

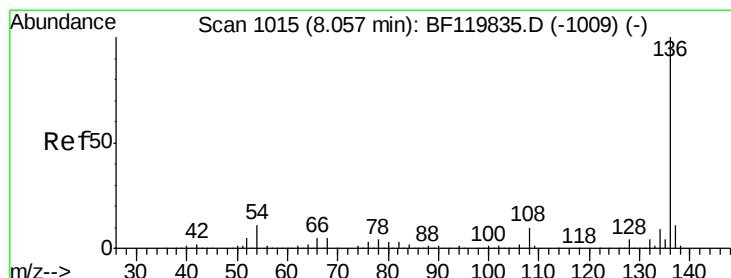
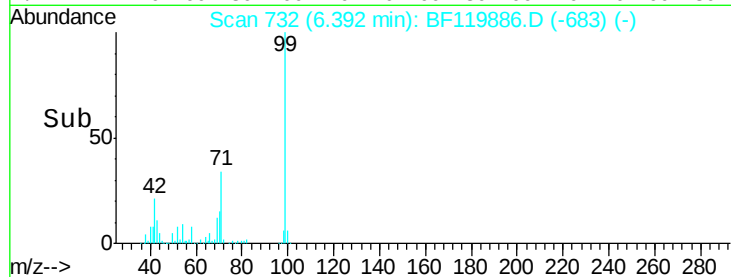
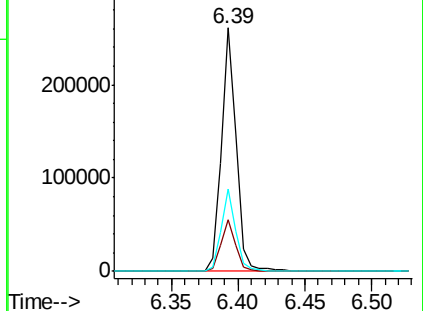
71 33.7 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Tgt Ion: 136 Resp: 552664

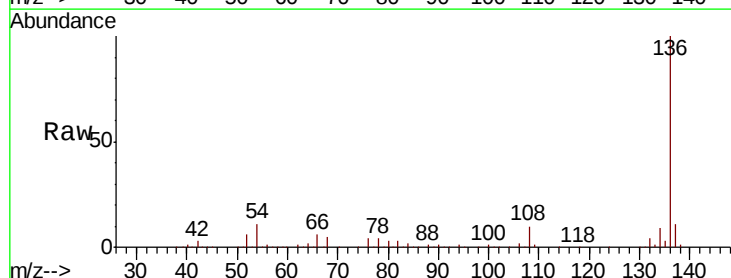
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.8 8.5 12.7

68 5.5 3.9 5.9

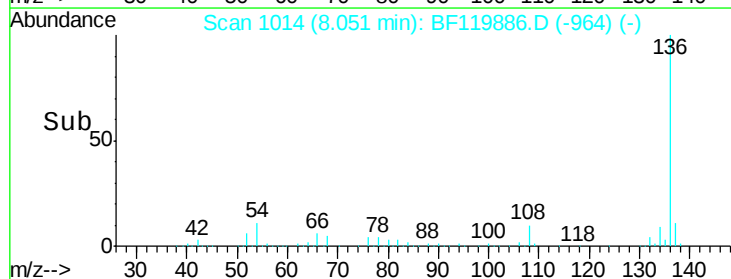
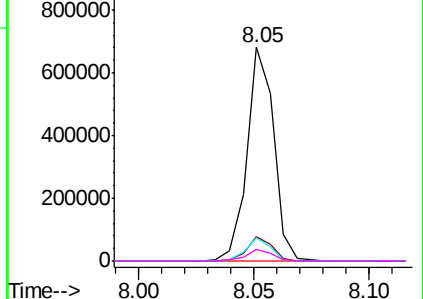


Abundance Ion 136.00 (135.70 to 136.70): E

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

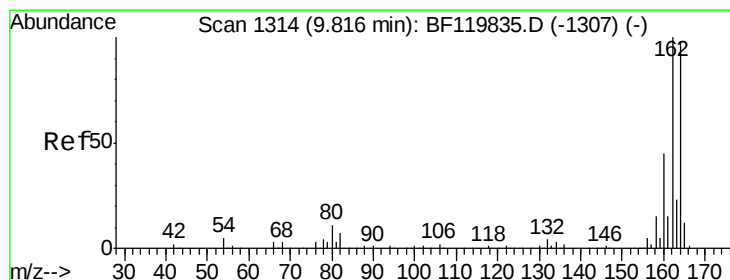
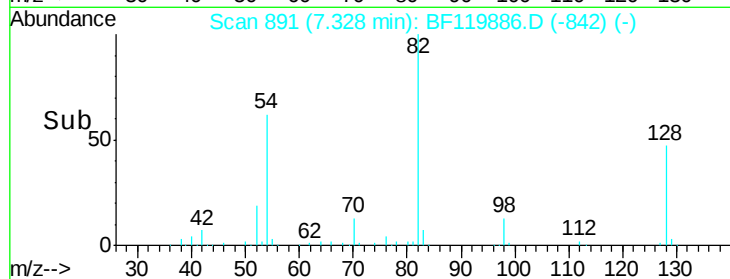
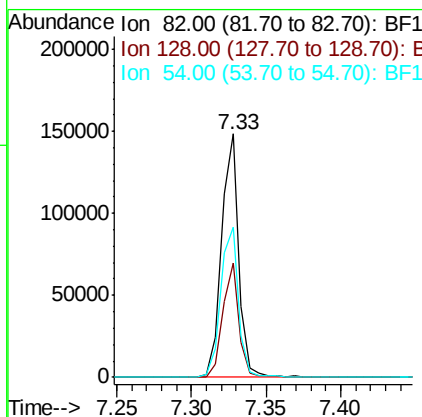
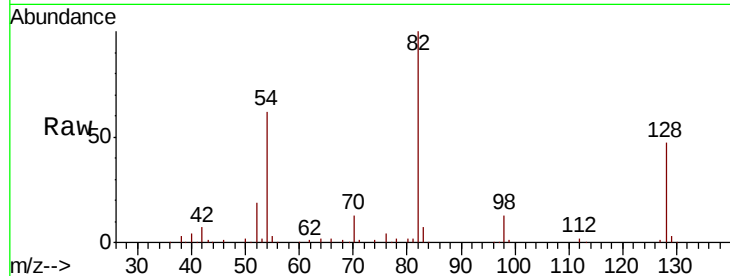




#23
 Nitrobenzene-d5
 Concen: 11.323 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119886.D
 Acq: 9 Apr 2020 22:47

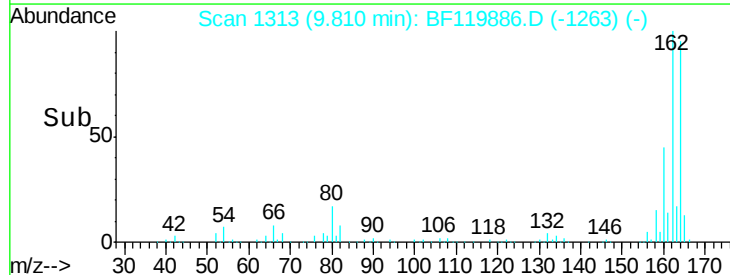
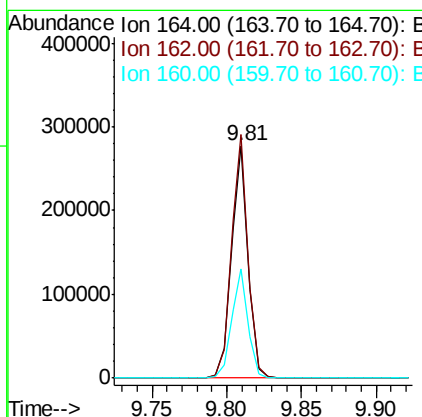
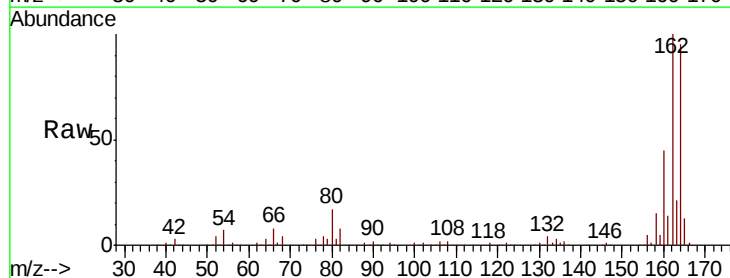
Instrument :
 BNA_F
 ClientSampleId :
 TP-54-53-COMP

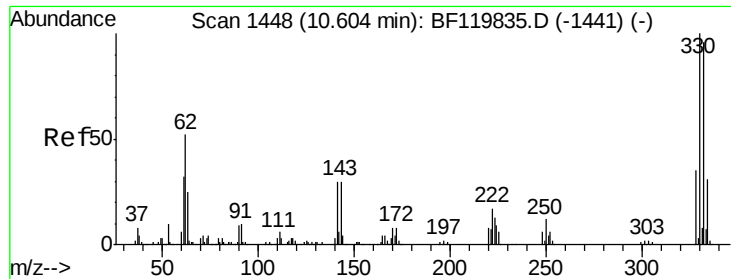
Tot Ion	82	Resp	120957
Ion Ratio	Lower	Upper	
82	100		
128	46.7	36.2	54.4
54	61.7	50.4	75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119886.D
 Acq: 9 Apr 2020 22:47

Tgt Ion	164	Resp	218042
Ion Ratio	Lower	Upper	
164	100		
162	104.8	81.9	122.9
160	47.2	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 13.458 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Instrument :

BNA_F

ClientSampleId :

TP-54-53-COMP

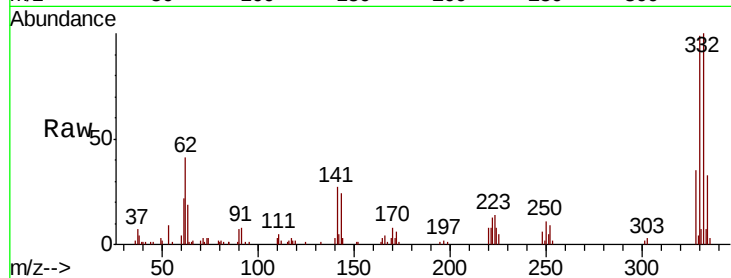
Tot Ion:330 Resp: 35927

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

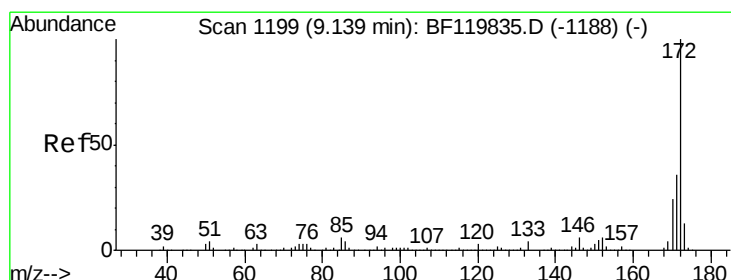
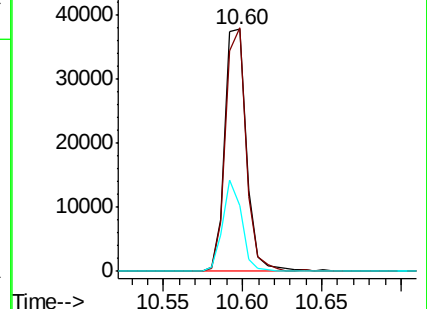
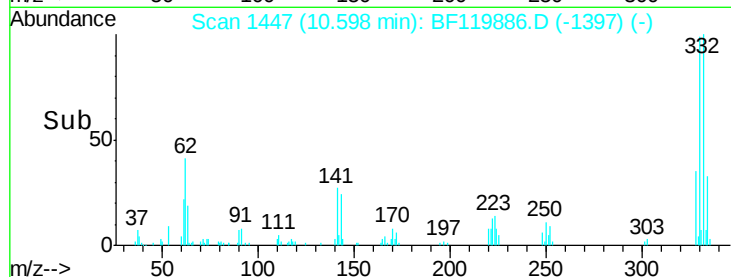
141 32.8 25.1 37.7



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: 15.336 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

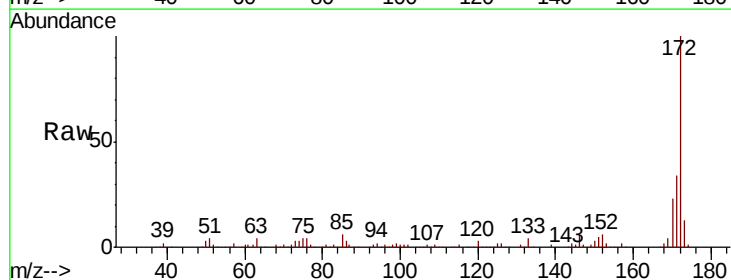
Tgt Ion:172 Resp: 235527

Ion Ratio Lower Upper

172 100

171 34.3 28.9 43.3

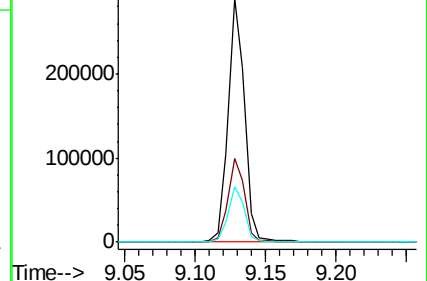
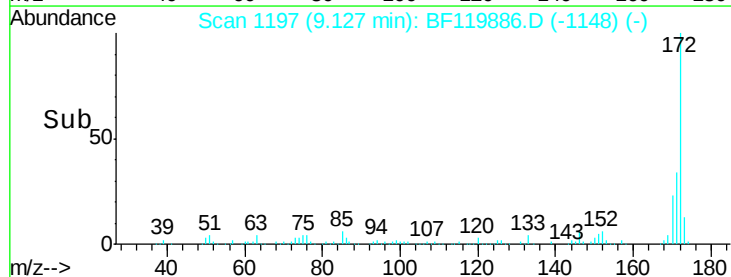
170 22.9 19.4 29.2

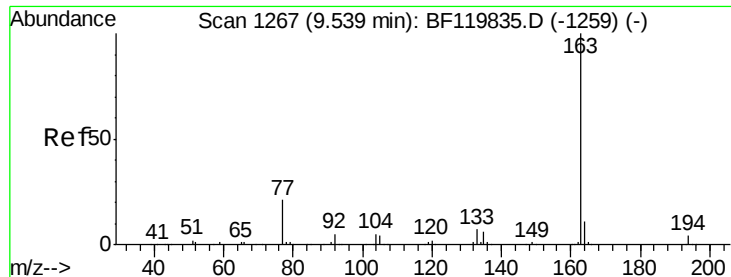


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.009 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Instrument :

BNA_F

ClientSampleId :

TP-54-53-COMP

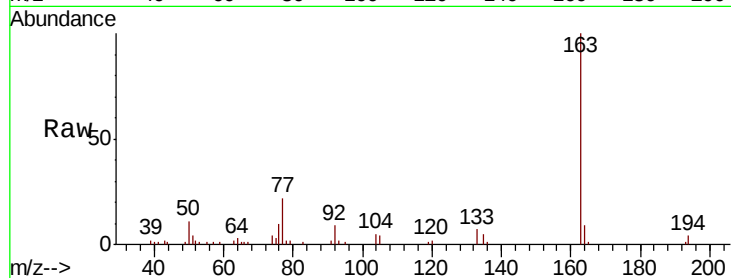
Tot Ion:163 Resp: 33890

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.4

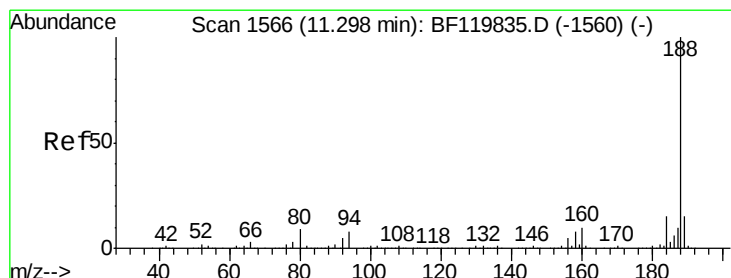
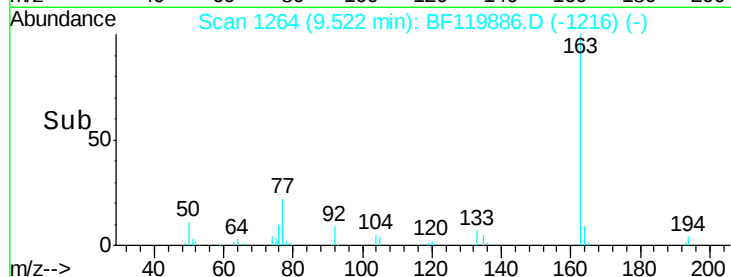
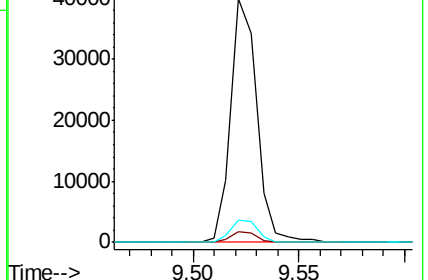
164 9.3 8.4 12.6



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: BF119886.D

Acq: 9 Apr 2020 22:47

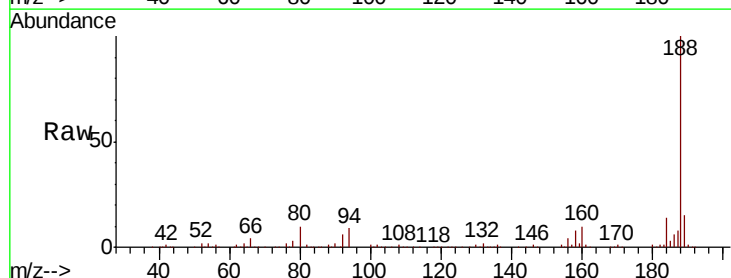
Tgt Ion:188 Resp: 344891

Ion Ratio Lower Upper

188 100

94 9.0 6.7 10.1

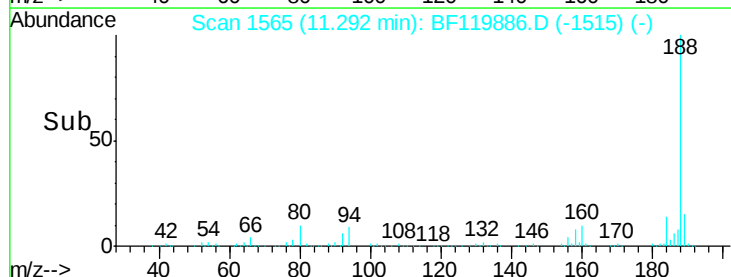
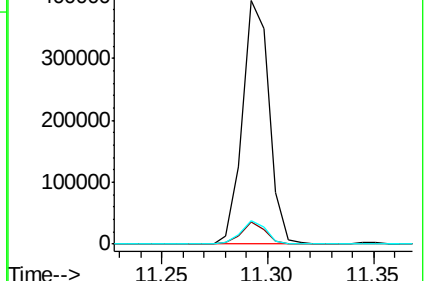
80 9.5 7.4 11.2

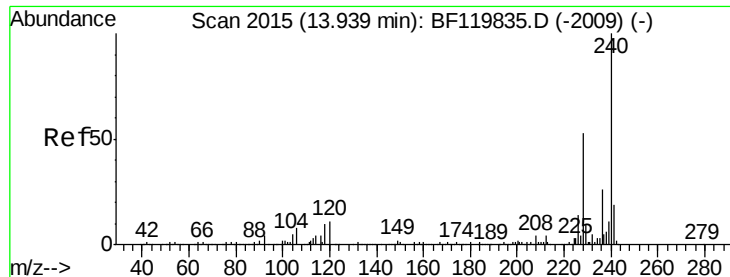


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Instrument :

BNA_F

ClientSampleId :

TP-54-53-COMP

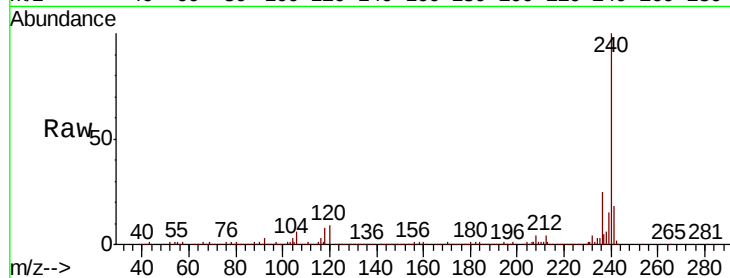
Tot Ion:240 Resp: 327980

Ion Ratio Lower Upper

240 100

120 8.9 9.0 13.6#

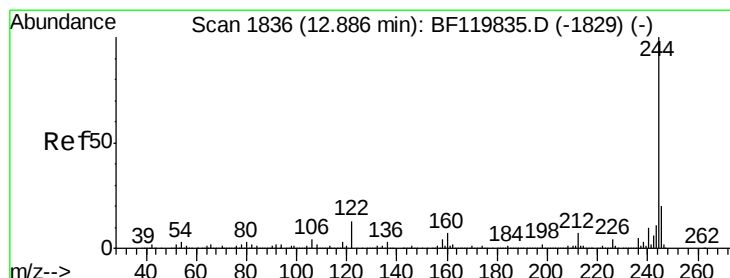
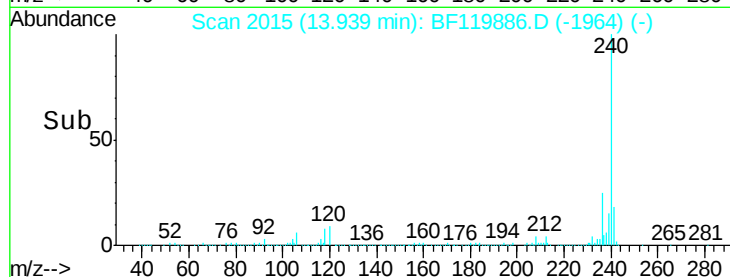
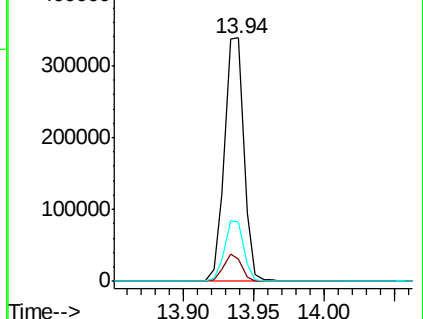
236 24.6 20.7 31.1



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: 9.381 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

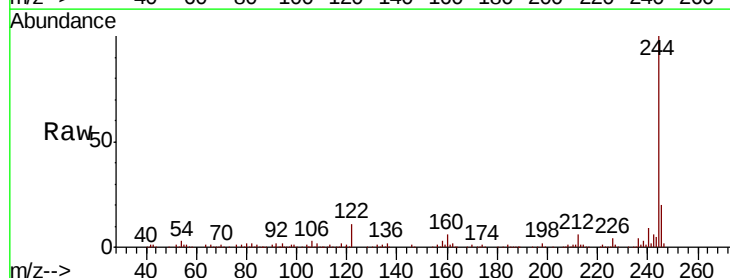
Tgt Ion:244 Resp: 182844

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

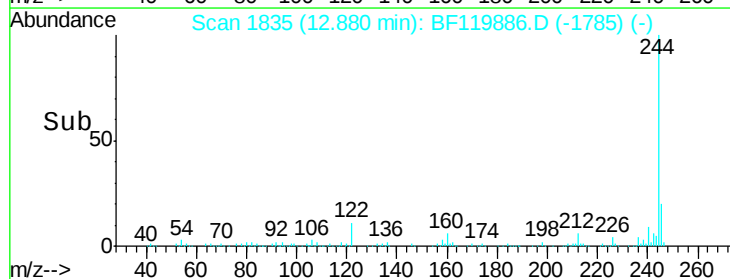
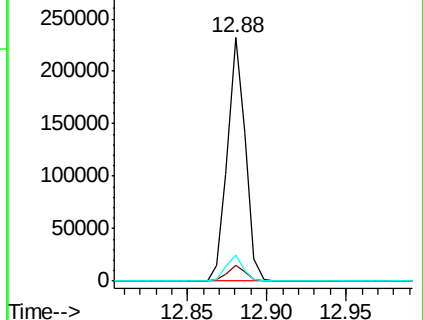
122 10.5 10.3 15.5

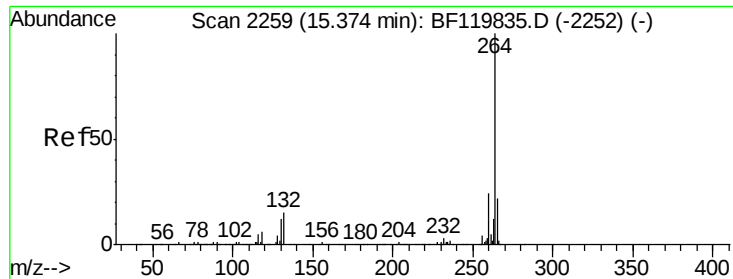


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Instrument :
BNA_F
ClientSampleId :
TP-54-53-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.5	17.6	26.4

