

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119917.D
 Acq On : 13 Apr 2020 15:39
 Operator : MA/SJ
 Sample : L2215-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Apr 13 16:16:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

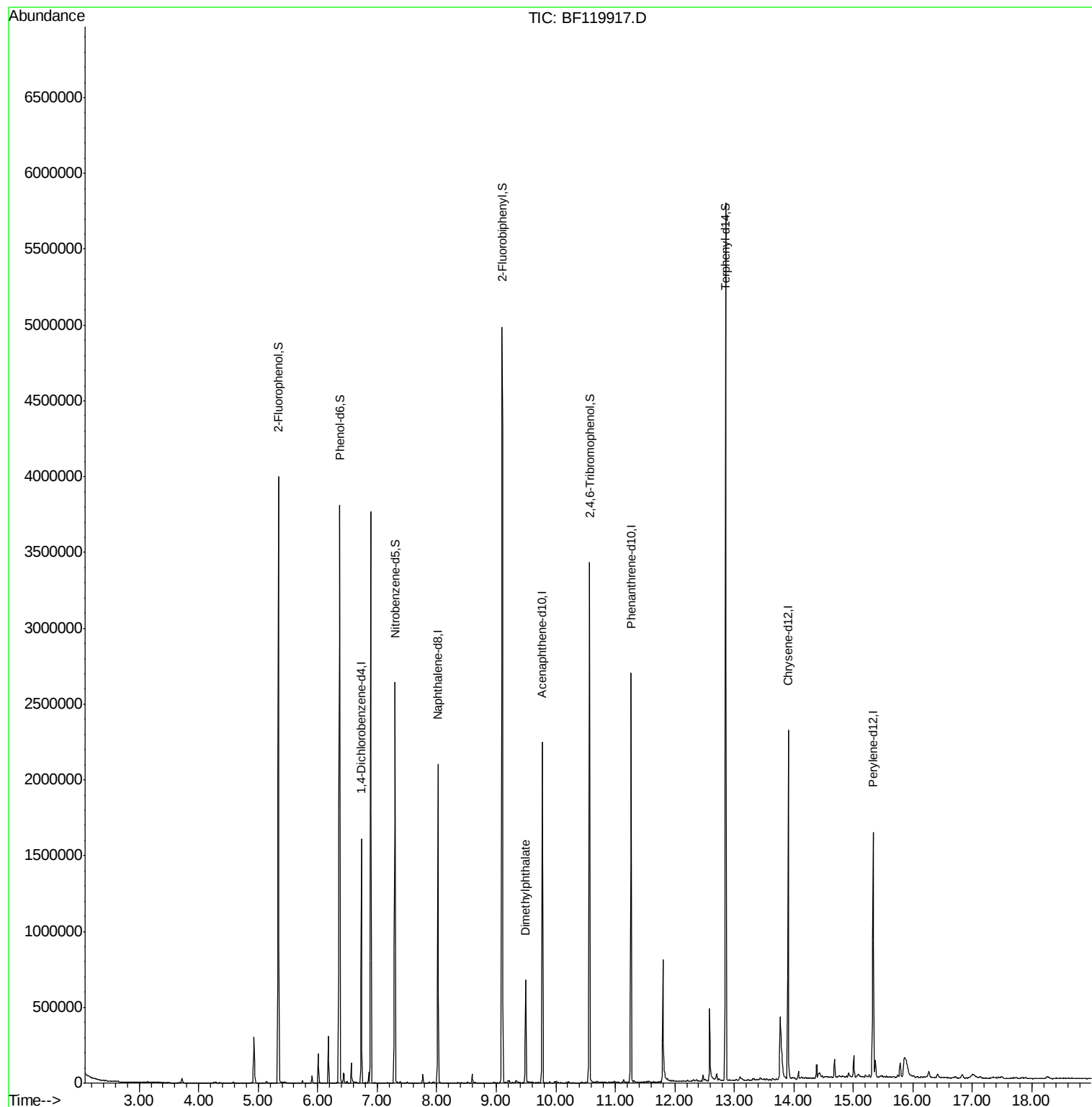
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	228713	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	895671	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	475872	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	946194	20.00	ng	0.00
76) Chrysene-d12	13.90	240	763350	20.00	ng	0.00
87) Perylene-d12	15.33	264	741643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1085334	82.01	ng	0.00
7) Phenol-d6	6.37	99	1414629	82.95	ng	-0.01
23) Nitrobenzene-d5	7.30	82	872730	50.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	451413	77.48	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1716475	51.21	ng	-0.01
79) Terphenyl-d14	12.86	244	2113764	46.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	277012	7.526	ng	Qvalue 100

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

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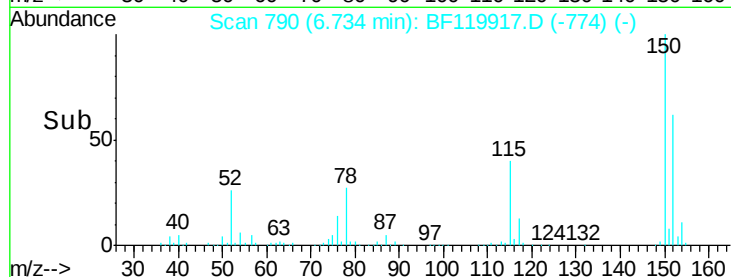
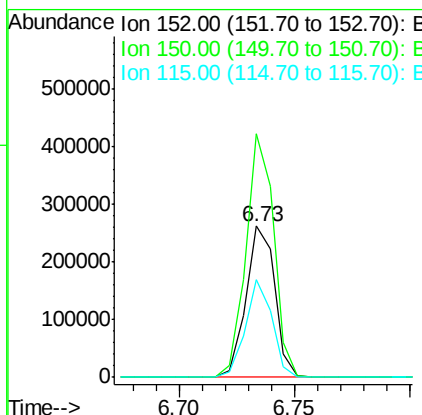
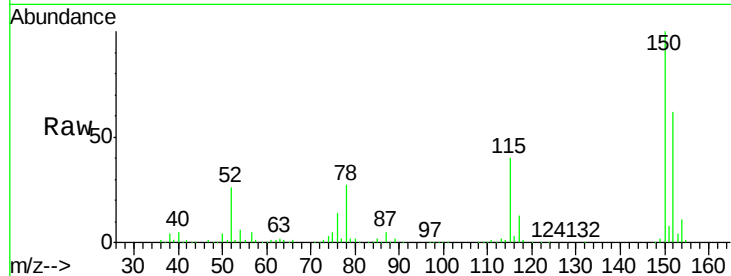


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

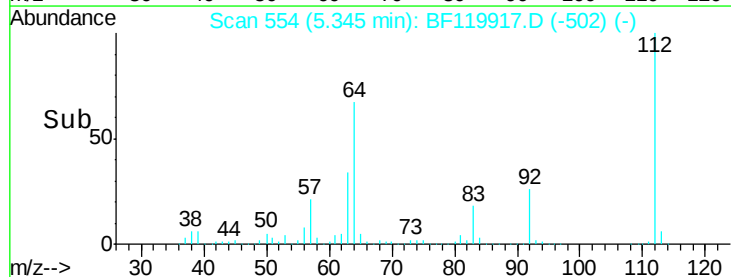
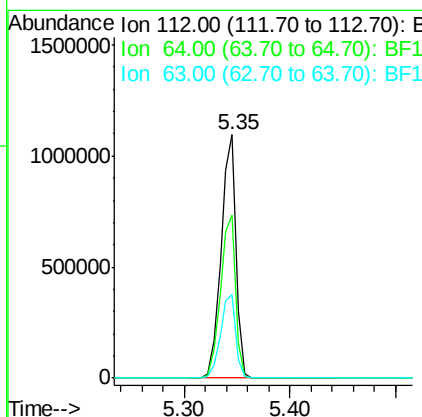
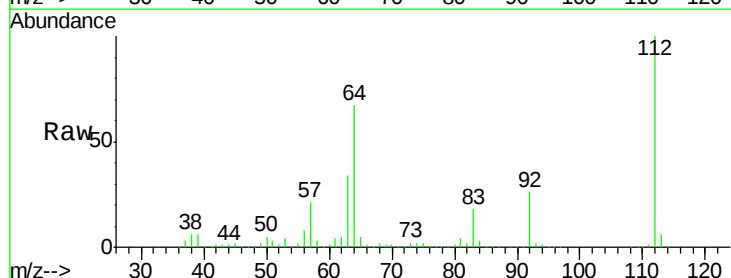
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.8	187.2
115	64.6	46.5	69.7



#5

2-Fluorophenol
 Concen: 82.009 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	55.5	83.3
63	34.3	29.1	43.7





#7

Phenol-d6

Concen: 82.955 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-7

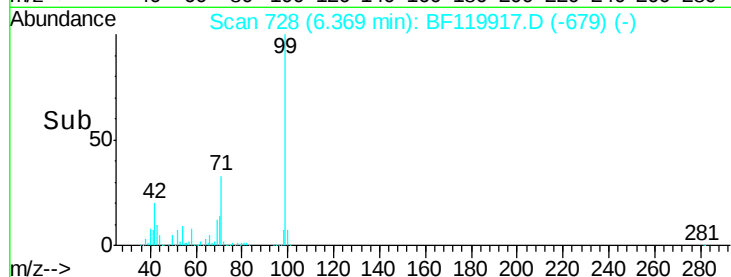
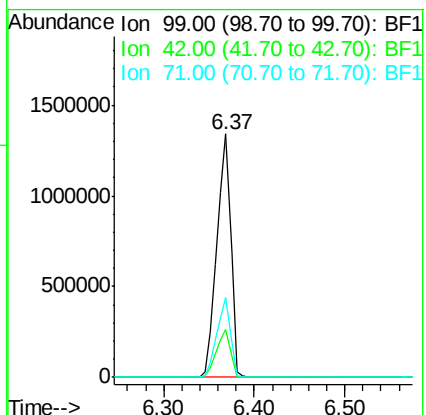
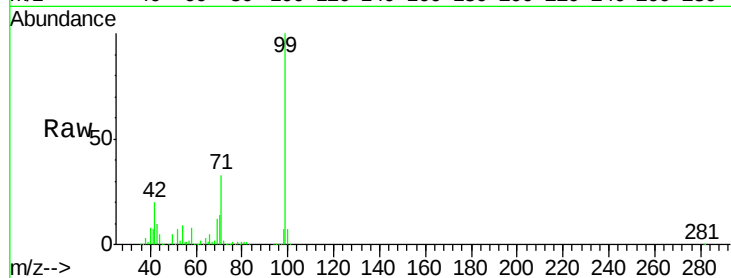
Tot Ion: 99 Resp: 1414629

Ion Ratio Lower Upper

99 100

42 19.6 16.9 25.3

71 32.7 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

Tgt Ion: 136 Resp: 895671

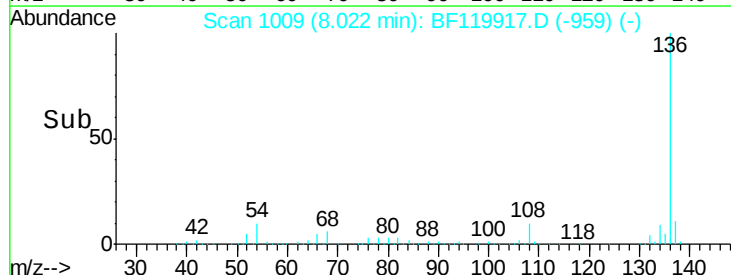
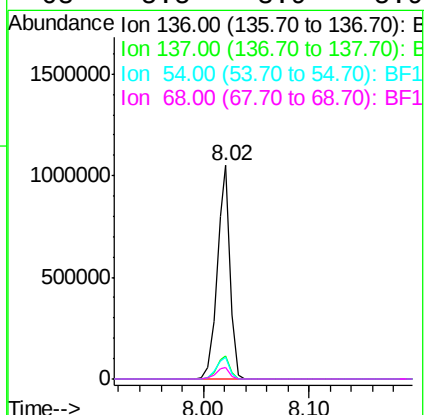
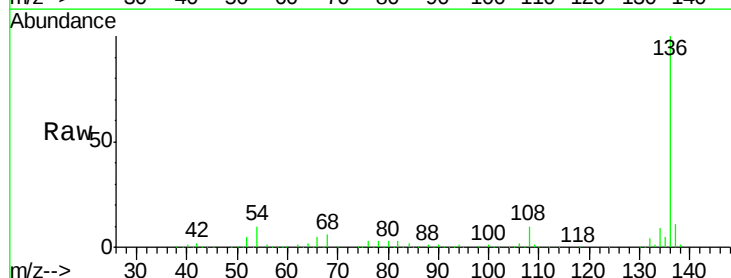
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.0 8.5 12.7

68 5.5 3.9 5.9

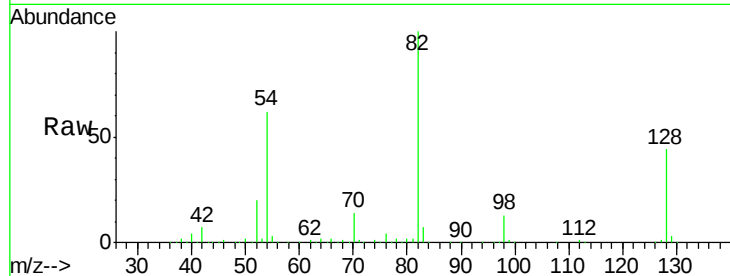




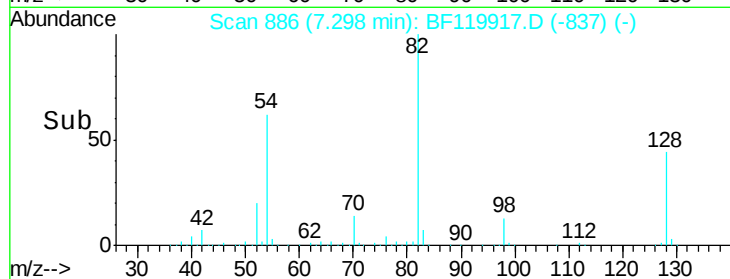
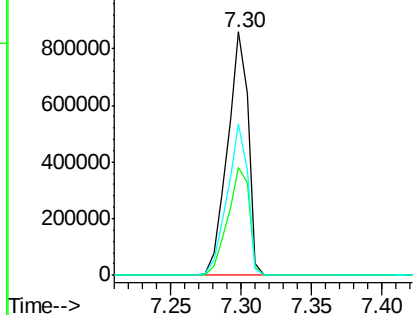
#23
 Nitrobenzene-d5
 Concen: 50.409 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Instrument :
 BNA_F
 ClientSampleID :
 TP-7

Tot Ion: 82 Resp: 872730
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.2 54.4
 54 62.4 50.4 75.6

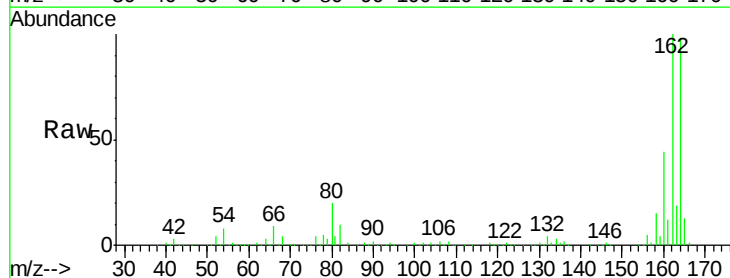


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

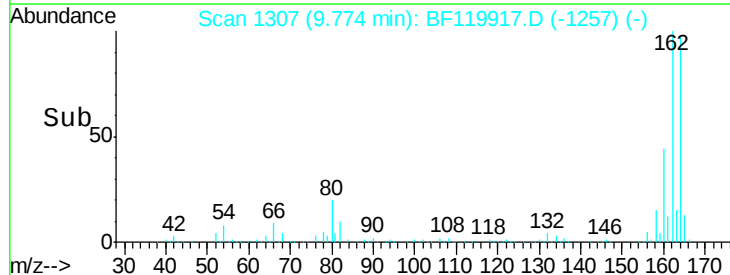
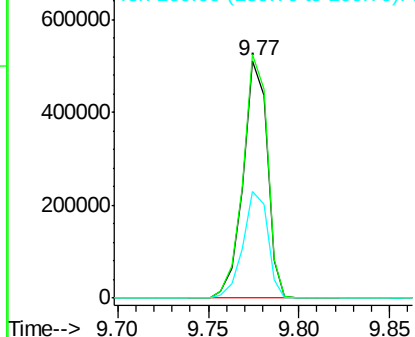


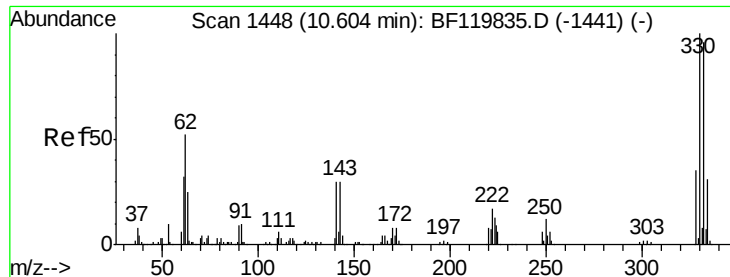
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Tgt Ion: 164 Resp: 475872
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.9 122.9
 160 44.6 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

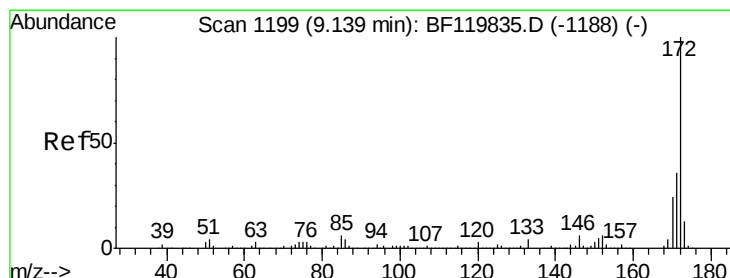
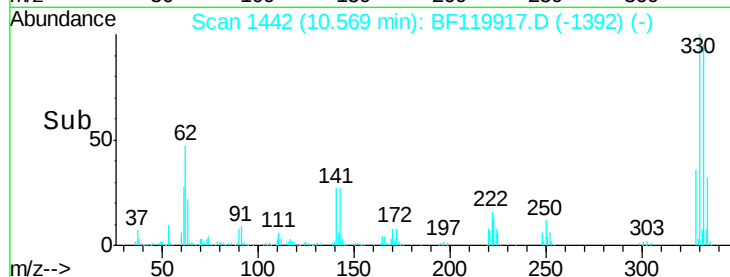
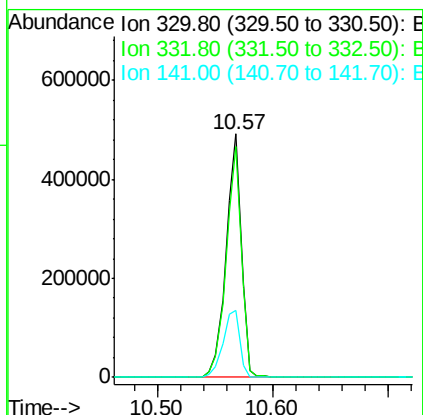
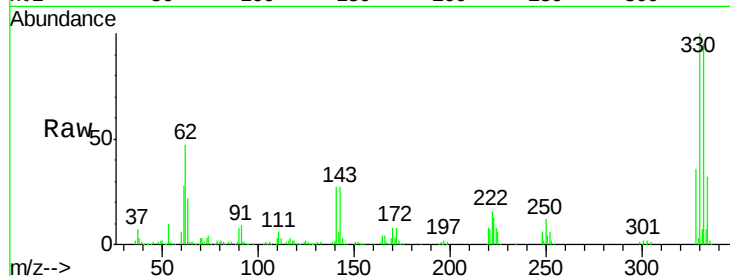




#42
 2,4,6-Tribromophenol
 Concen: 77.479 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

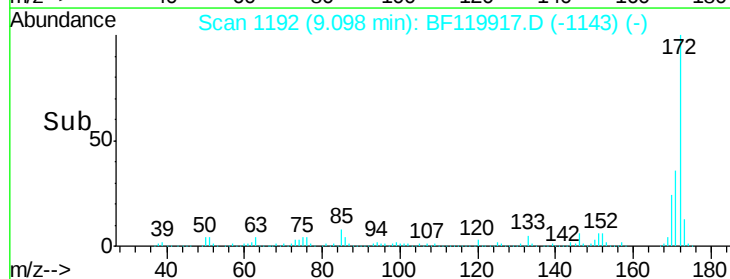
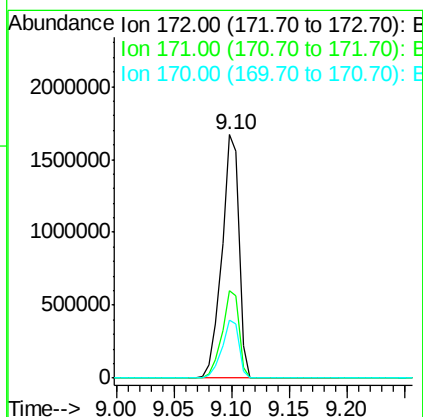
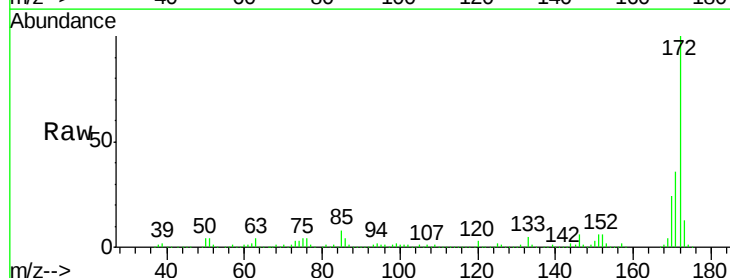
Instrument :
 BNA_F
 ClientSampleId :
 TP-7

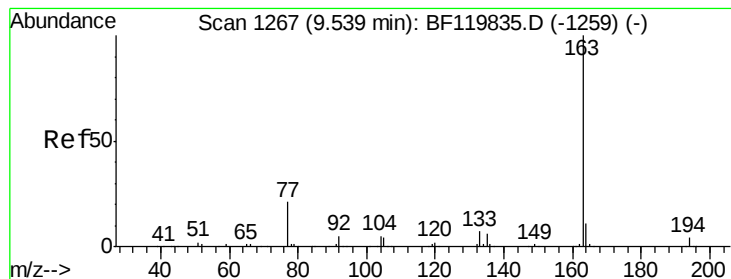
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	30.3	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 51.212 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.0	19.4	29.2





#50

Dimethylphthalate

Concen: 7.526 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-7

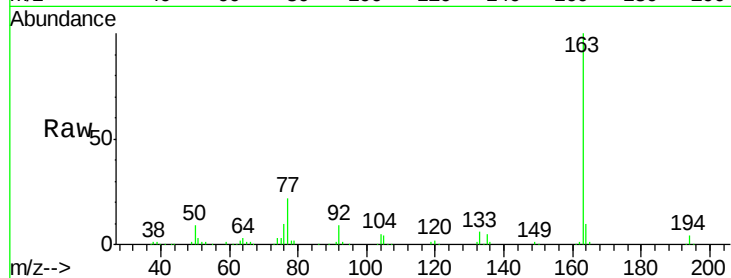
Tot Ion:163 Resp: 277012

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

164 10.4 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

9.49

300000

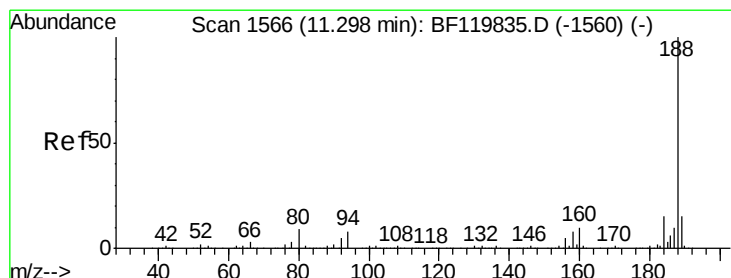
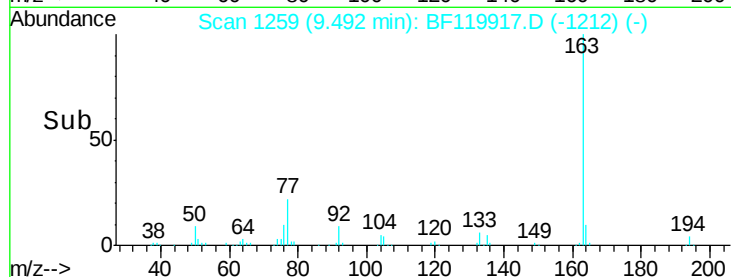
200000

100000

0

Time-->

9.45 9.50 9.55



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

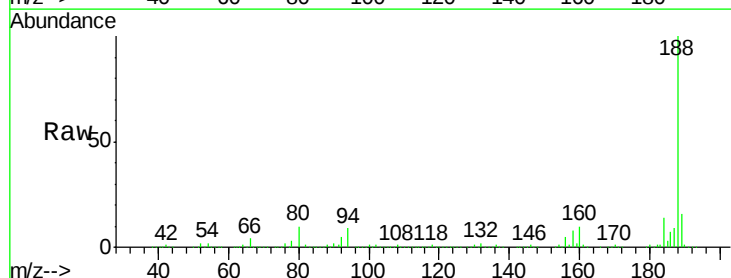
Tgt Ion:188 Resp: 946194

Ion Ratio Lower Upper

188 100

94 9.5 6.7 10.1

80 10.1 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

11.26

1500000

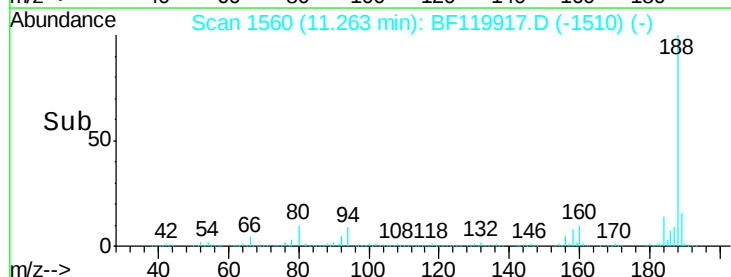
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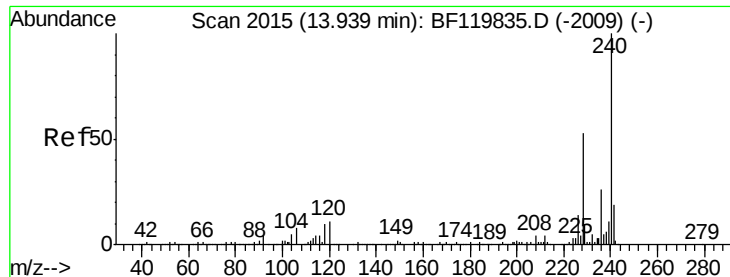
500000

0

Time-->

11.20 11.25 11.30





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-7

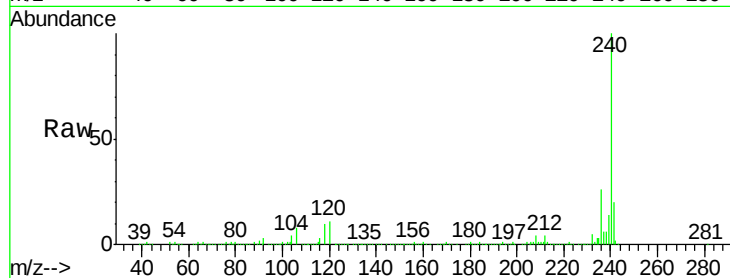
Tot Ion:240 Resp: 763350

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

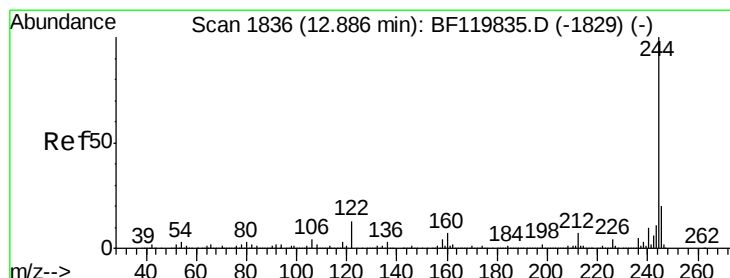
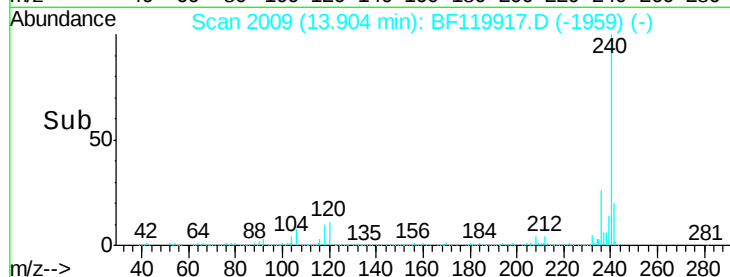
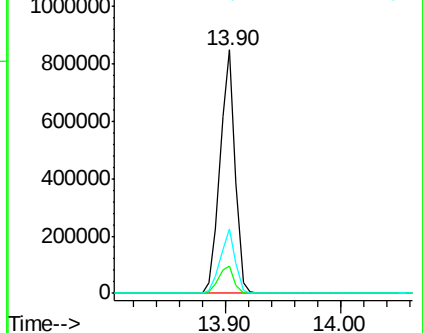
236 26.2 20.7 31.1



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: 46.594 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

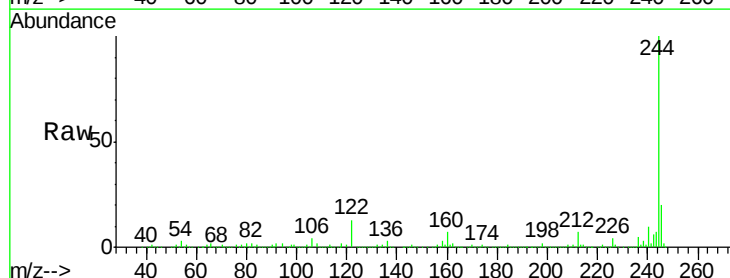
Tgt Ion:244 Resp: 2113764

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

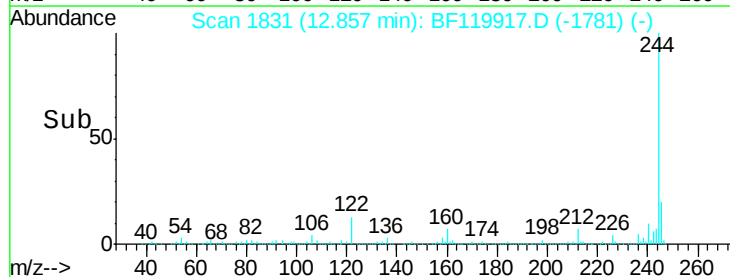
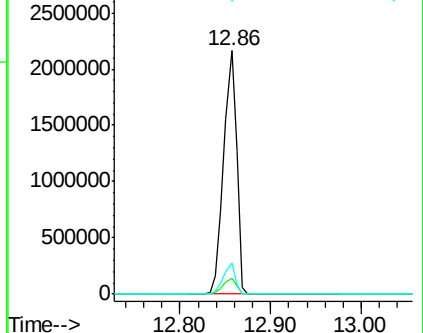
122 12.7 10.3 15.5

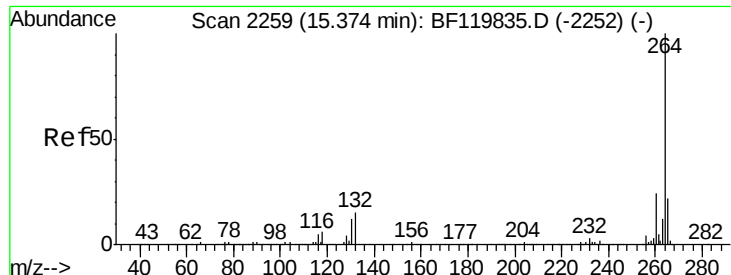


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119917.D
Acq: 13 Apr 2020 15:39

Instrument :
BNA_F
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TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.2	17.6	26.4

