

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119942.D
 Acq On : 14 Apr 2020 8:26
 Operator : MA/SJ
 Sample : L2230-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-A

Quant Time: Apr 14 09:14:09 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	193139	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	746506	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	394415	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	801913	20.00	ng	-0.01
76) Chrysene-d12	13.90	240	614097	20.00	ng	-0.01
87) Perylene-d12	15.32	264	505521	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1404326	125.66	ng	0.02
7) Phenol-d6	6.37	99	1606142	111.53	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1233058	85.45	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	626203	129.68	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2283735	82.21	ng	-0.01
79) Terphenyl-d14	12.86	244	2874389	78.76	ng	0.00

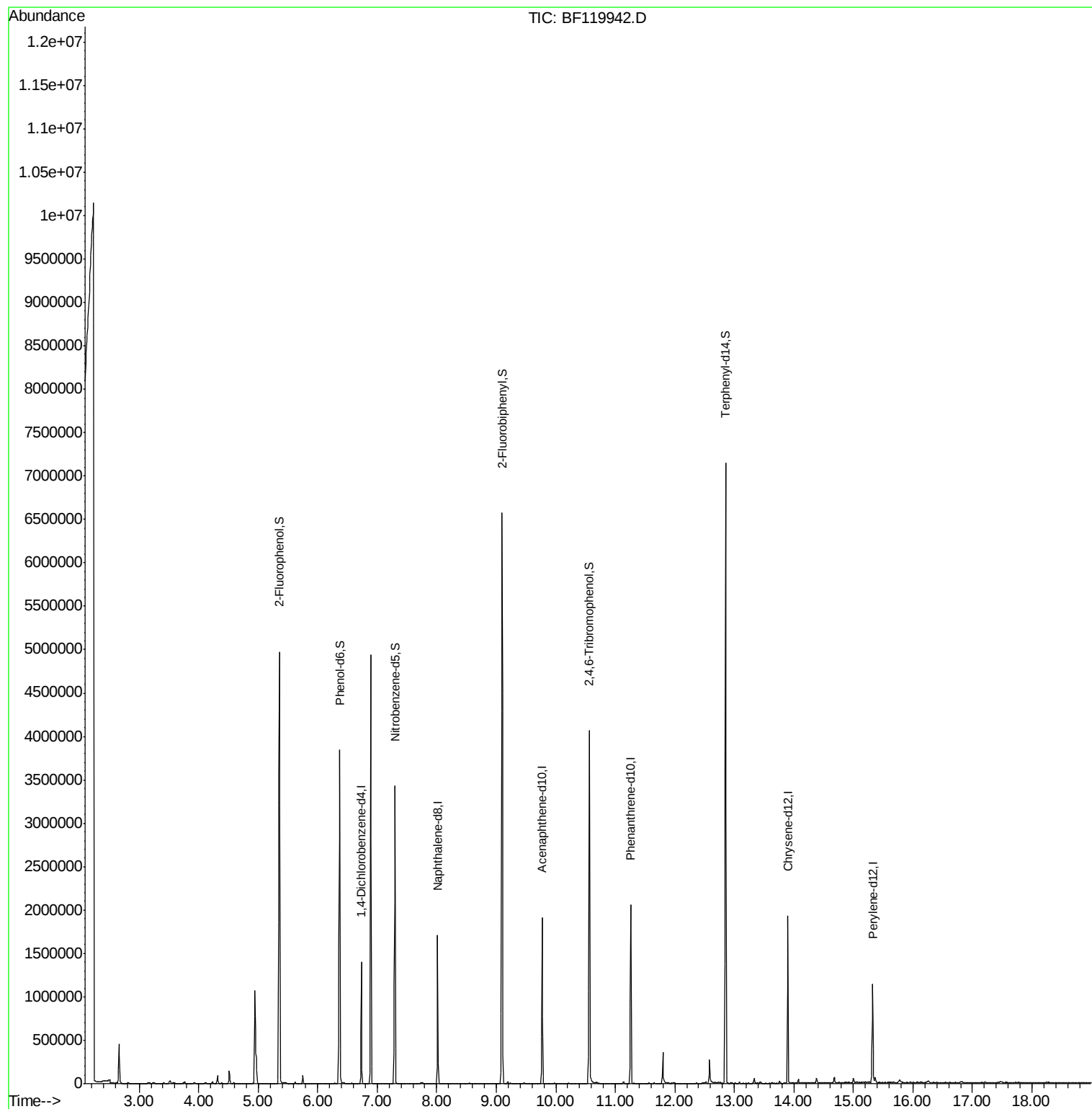
Target Compounds Qvalue

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

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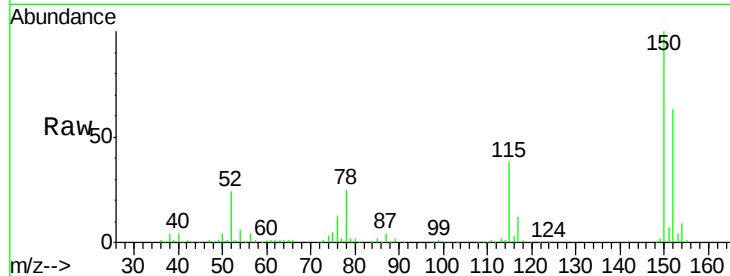


#1

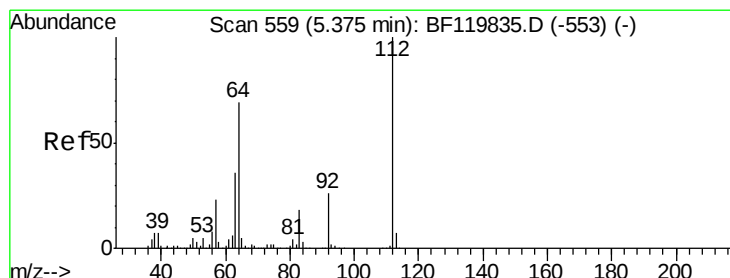
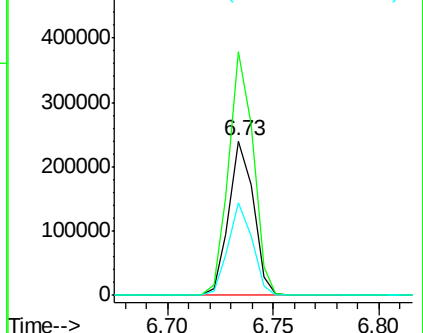
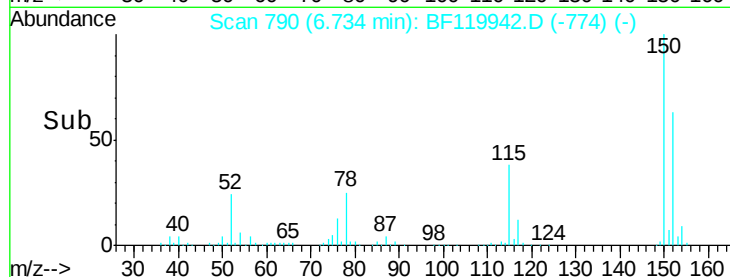
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119942.D
Acq: 14 Apr 2020 8:26

Instrument :
BNA_F
ClientSampleId :
TP-12-A

Tot Ion:152 Resp: 193139
Ion Ratio Lower Upper
152 100
150 157.7 124.8 187.2
115 59.6 46.5 69.7



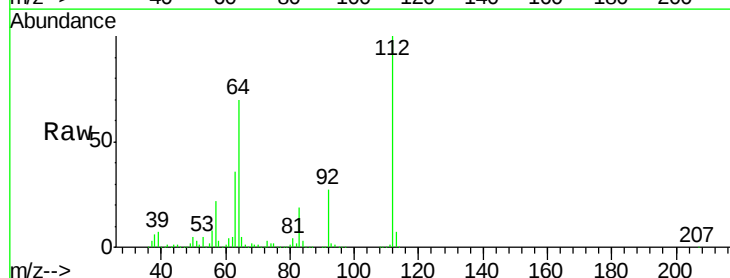
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



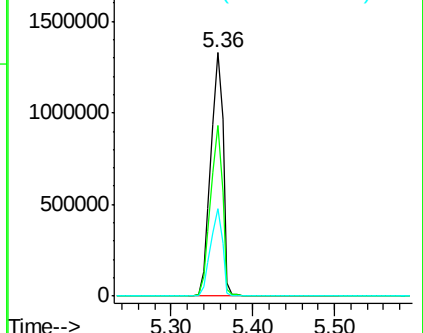
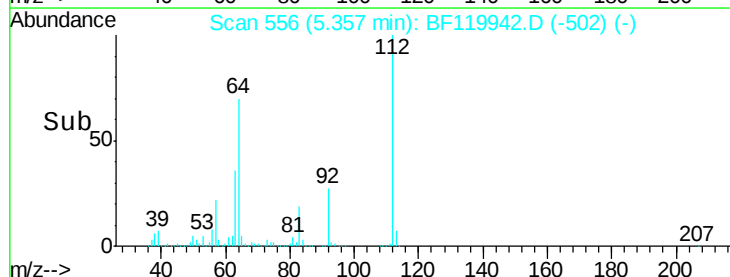
#5

2-Fluorophenol
Concen: 125.657 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119942.D
Acq: 14 Apr 2020 8:26

Tgt Ion:112 Resp: 1404326
Ion Ratio Lower Upper
112 100
64 69.9 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: 111.533 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

Instrument :

BNA_F

ClientSampleId :

TP-12-A

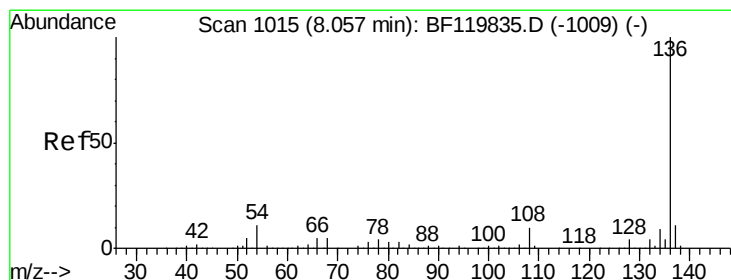
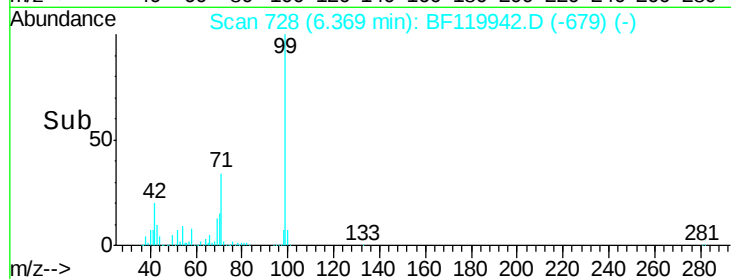
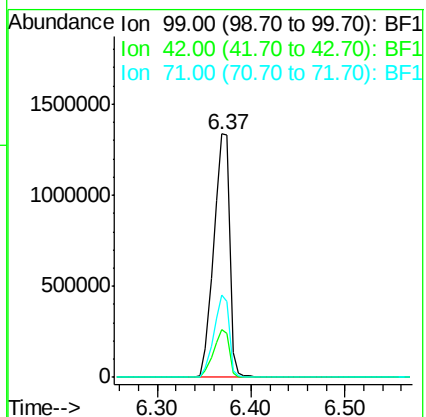
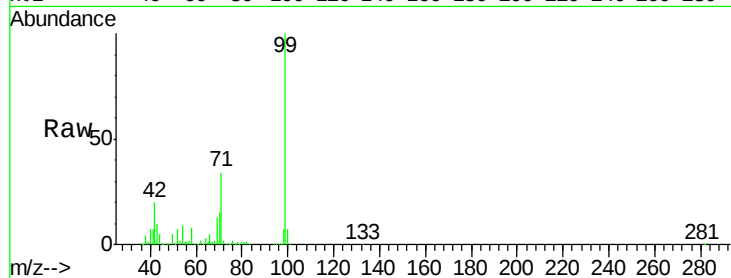
Tot Ion: 99 Resp: 1606142

Ion Ratio Lower Upper

99 100

42 19.5 16.9 25.3

71 33.9 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

Tgt Ion: 136 Resp: 746506

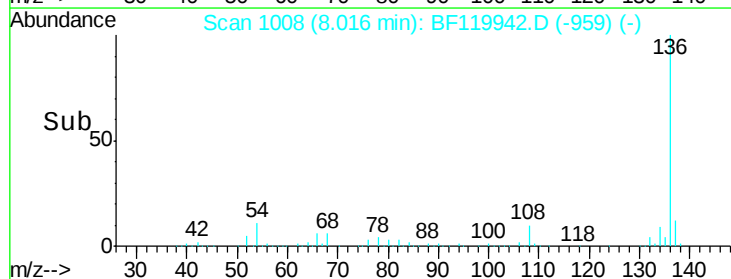
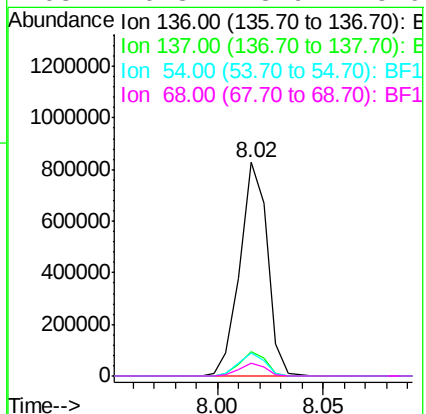
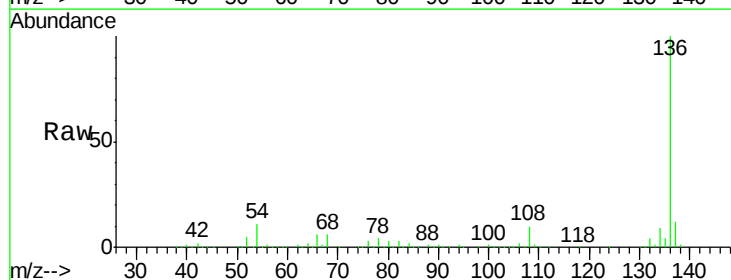
Ion Ratio Lower Upper

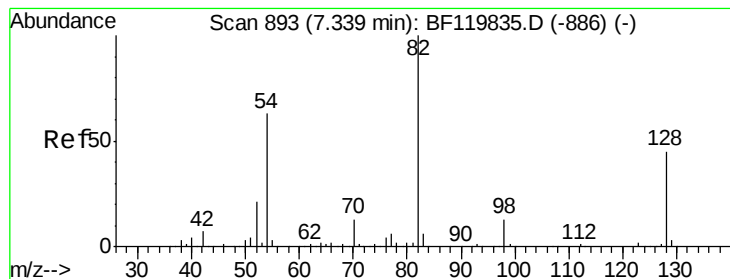
136 100

137 11.5 8.7 13.1

54 11.0 8.5 12.7

68 6.3 3.9 5.9#





#23

Nitrobenzene-d5

Concen: 85.452 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

Instrument :

BNA_F

ClientSampleId :

TP-12-A

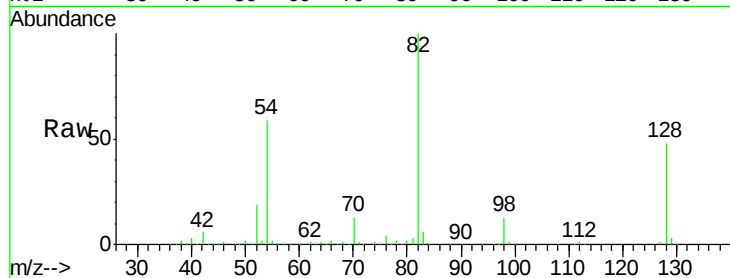
Tot Ion: 82 Resp: 1233058

Ion Ratio Lower Upper

82 100

128 48.3 36.2 54.4

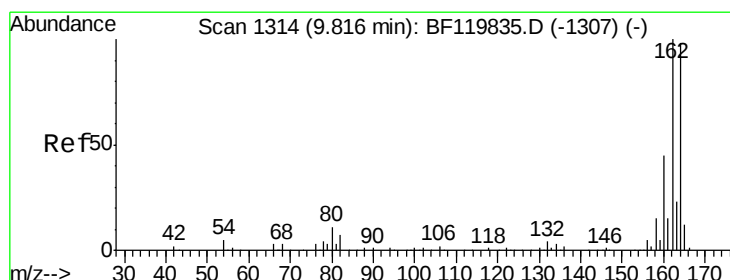
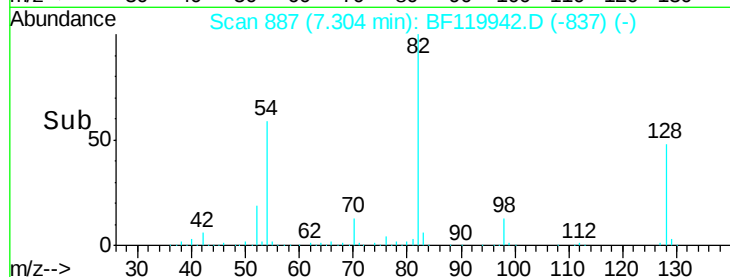
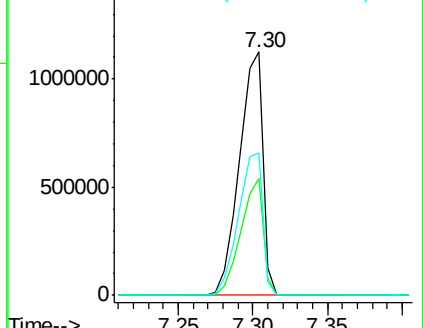
54 58.5 50.4 75.6



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: BF119942.D

Acq: 14 Apr 2020 8:26

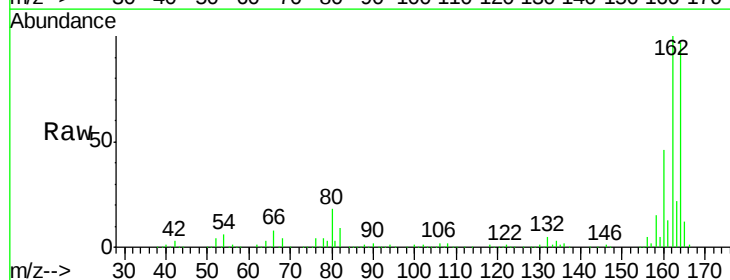
Tgt Ion:164 Resp: 394415

Ion Ratio Lower Upper

164 100

162 102.9 81.9 122.9

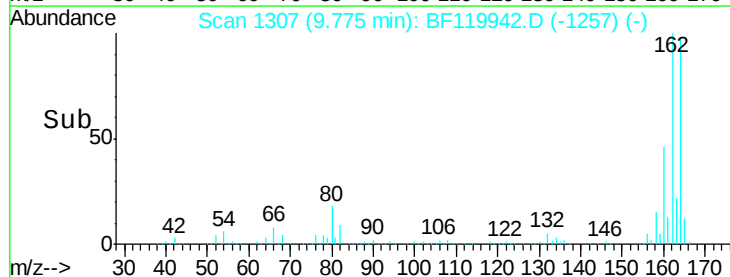
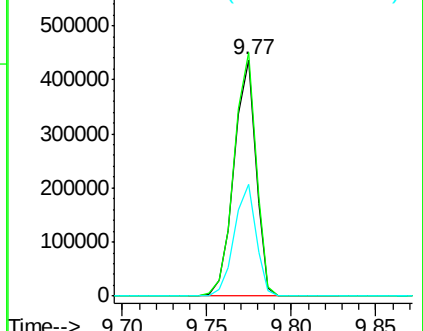
160 47.2 36.6 54.8

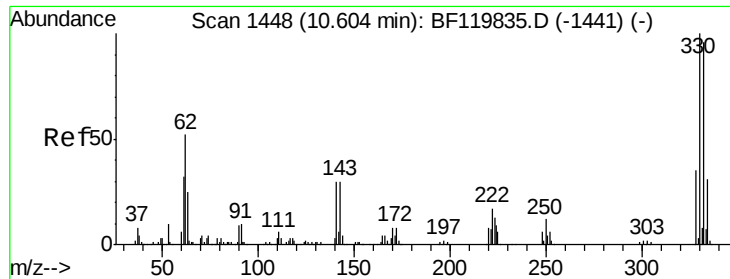


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

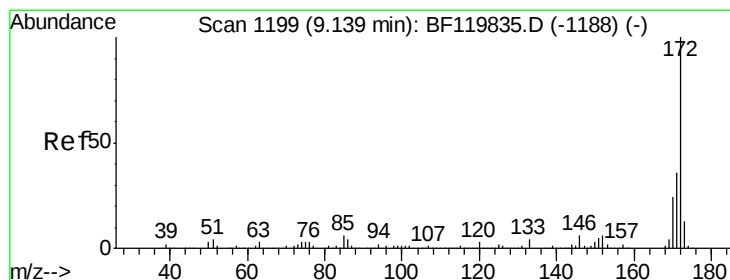
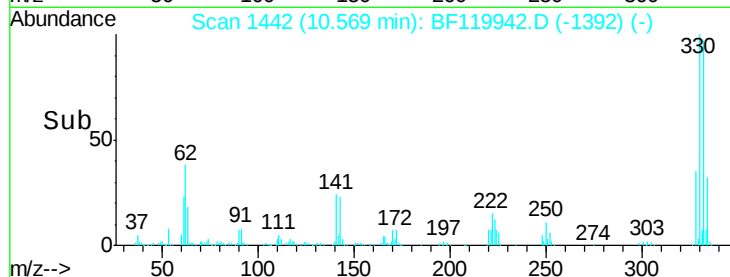
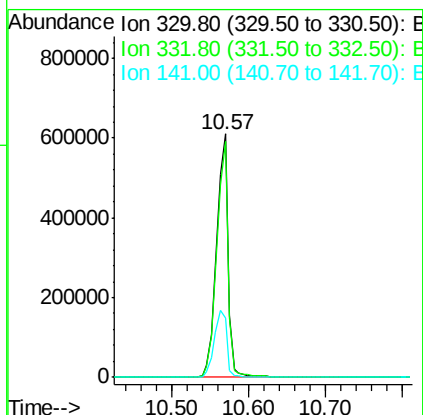
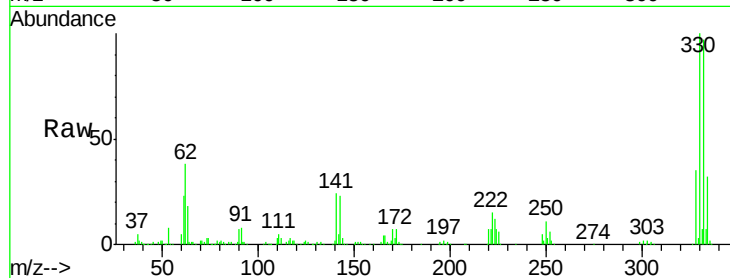




#42
 2,4,6-Tribromophenol
 Concen: 129.676 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

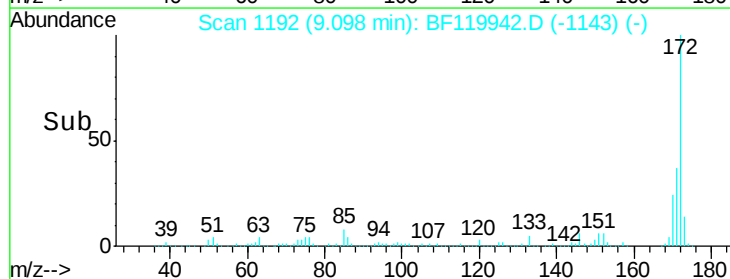
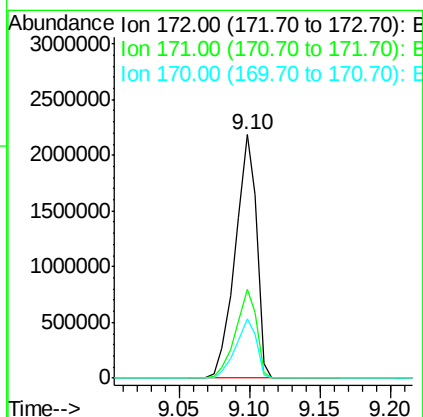
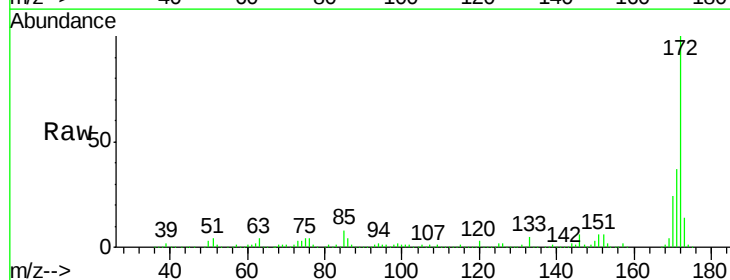
Instrument :
 BNA_F
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 TP-12-A

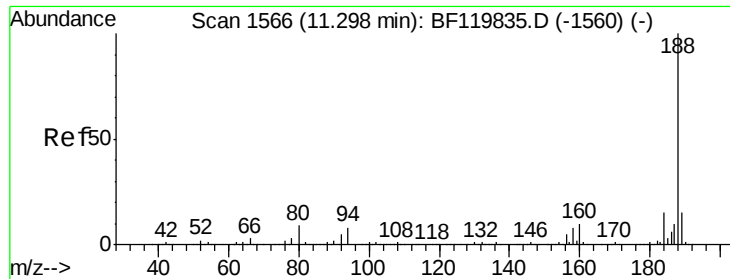
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	29.8	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 82.208 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.4	19.4	29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

Instrument :

BNA_F

ClientSampled :

TP-12-A

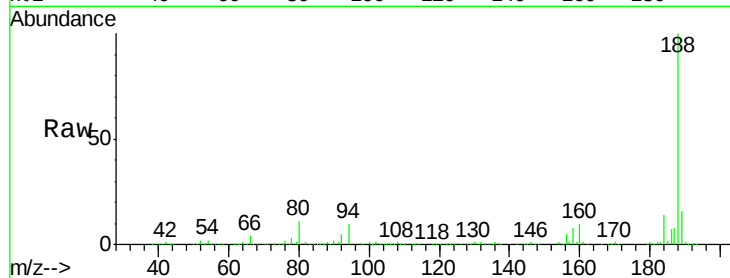
Tot Ion:188 Resp: 801913

Ion Ratio Lower Upper

188 100

94 10.2 6.7 10.1#

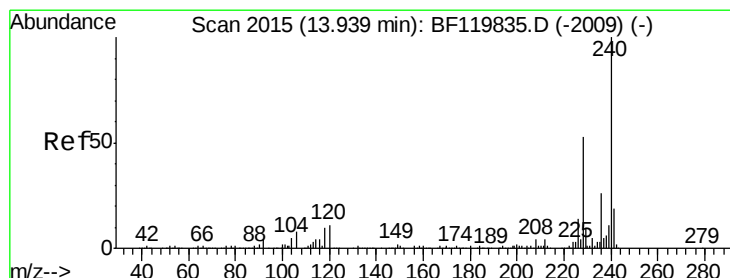
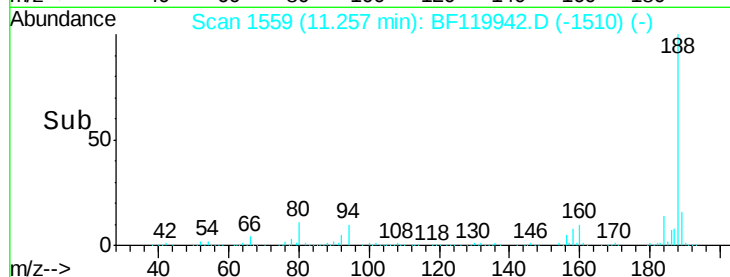
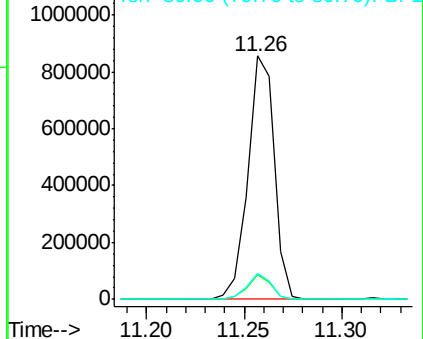
80 10.7 7.4 11.2



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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119942.D

Acq: 14 Apr 2020 8:26

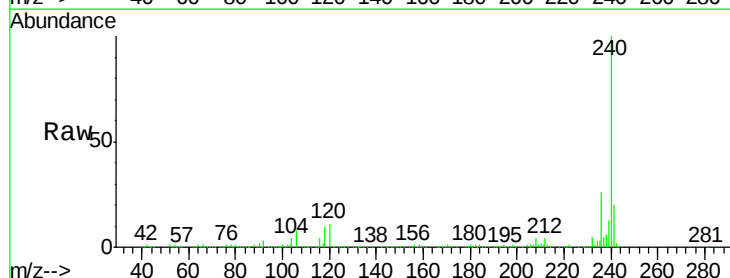
Tgt Ion:240 Resp: 614097

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

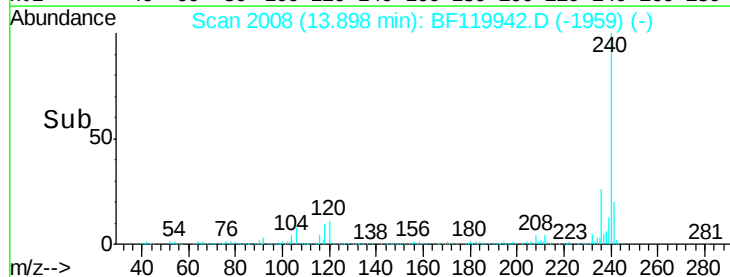
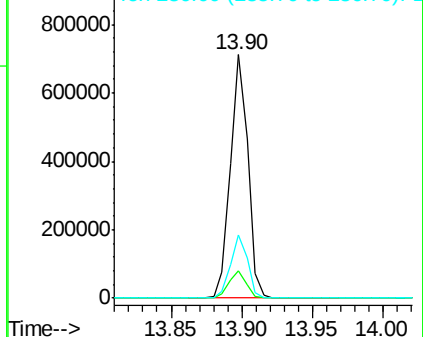
236 26.0 20.7 31.1

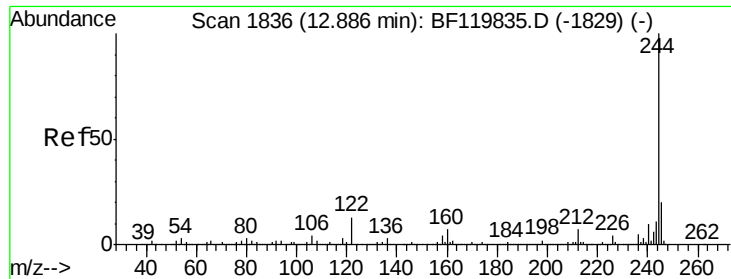


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

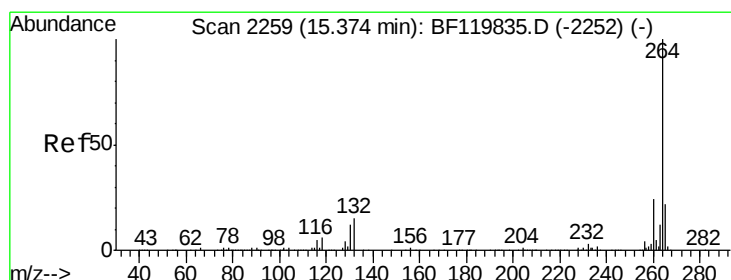
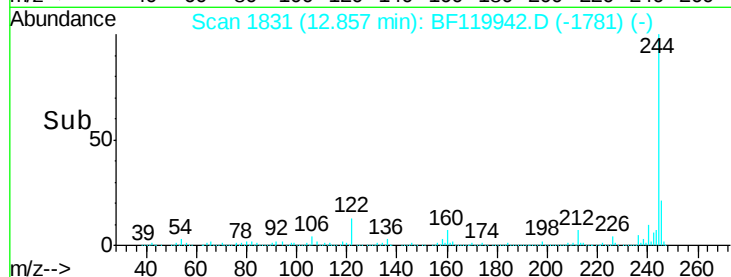
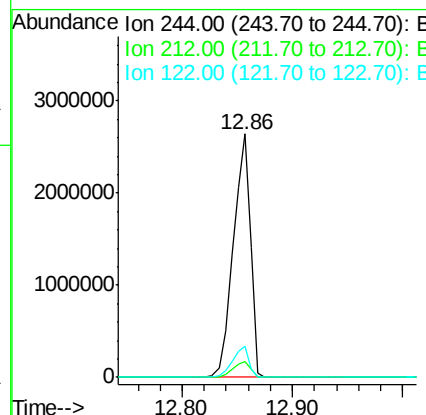
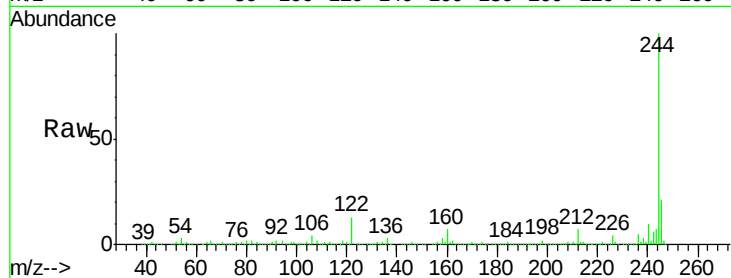




#79
 Terphenyl-d14
 Concen: 78.760 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-A

Tot Ion:244 Resp: 2874389
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.7 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119942.D
 Acq: 14 Apr 2020 8:26

Tgt Ion:264 Resp: 505521
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 21.5 17.6 26.4

