

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120123.D
 Acq On : 22 Apr 2020 11:39
 Operator : MA/SJ
 Sample : L2331-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22A

Quant Time: Apr 22 12:19:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	126370	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	506335	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	261350	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	518237	20.00	ng	0.00
76) Chrysene-d12	13.84	240	425982	20.00	ng	-0.01
87) Perylene-d12	15.25	264	391134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1121812	153.41	ng	0.00
7) Phenol-d6	6.32	99	1224636	129.97	ng	0.00
23) Nitrobenzene-d5	7.25	82	1026076	104.84	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	447291	139.79	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1928788	104.78	ng	0.00
79) Terphenyl-d14	12.80	244	2240916	88.52	ng	0.00

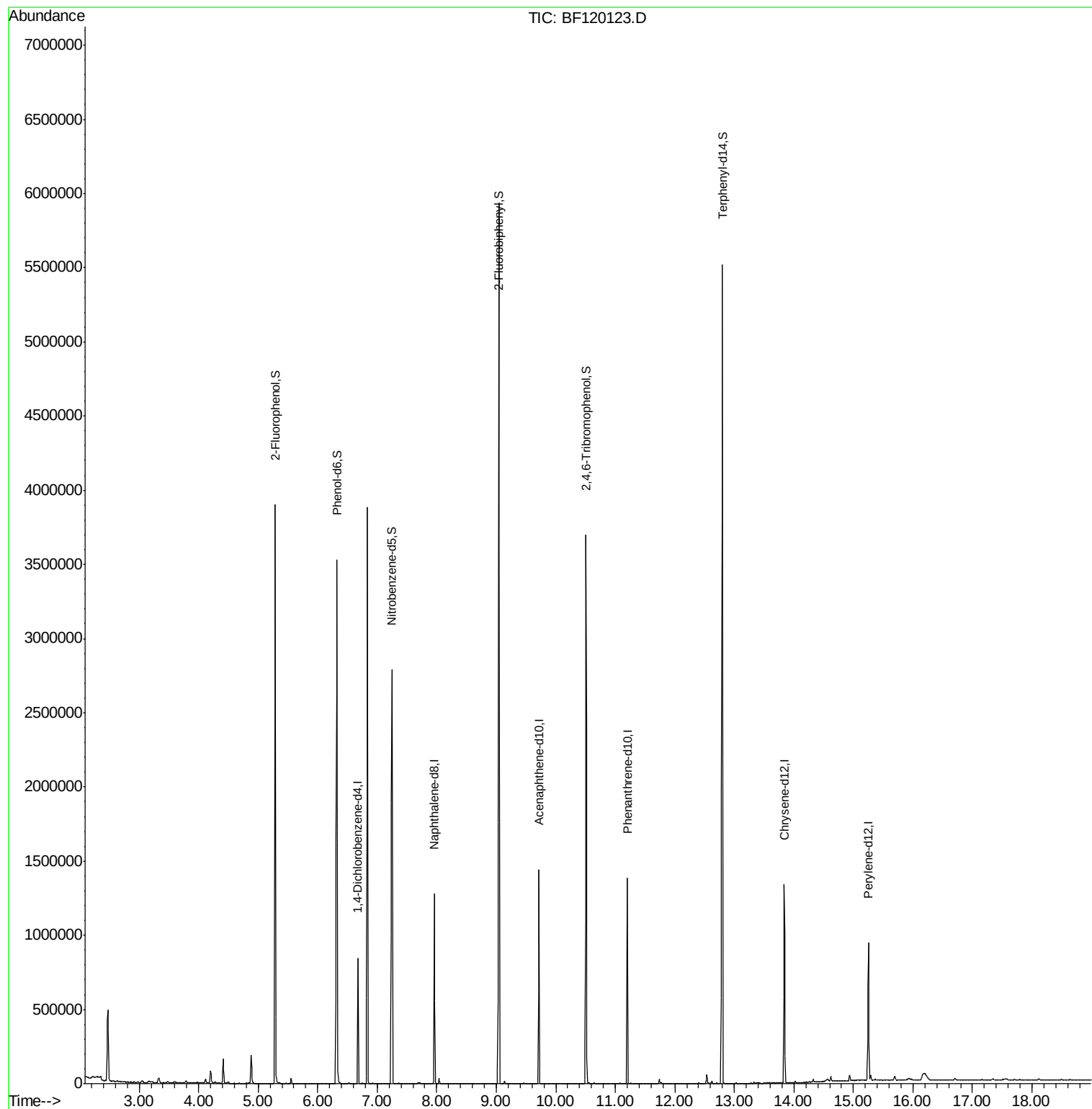
Target Compounds	Qvalue
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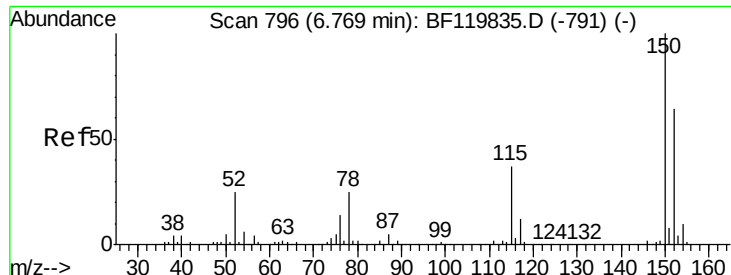
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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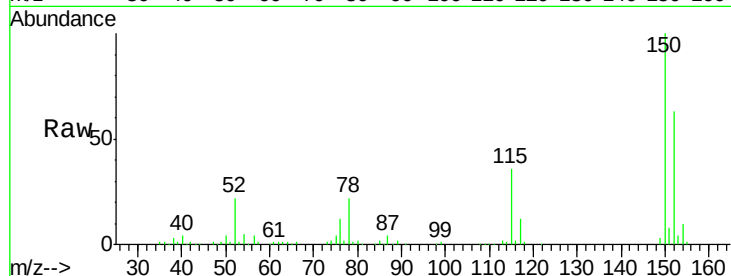


#1

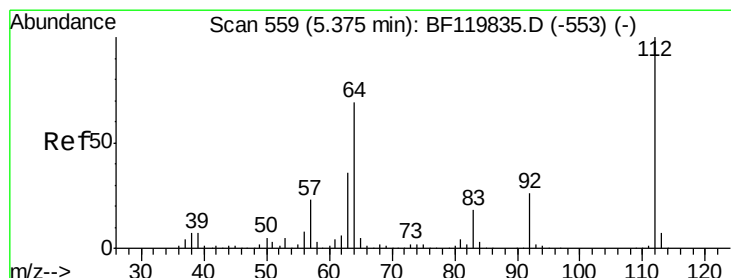
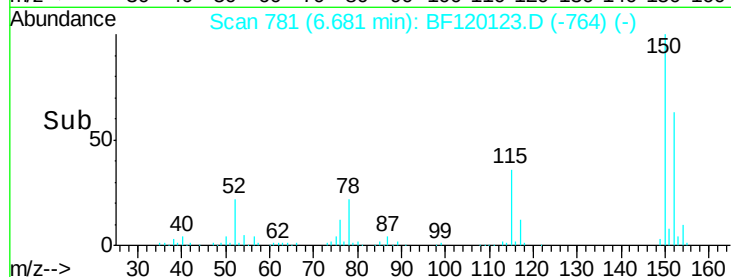
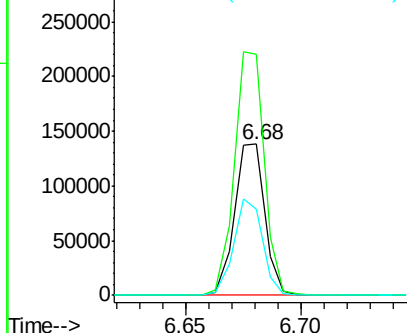
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF120123.D
Acq: 22 Apr 2020 11:39

Instrument :
BNA_F
ClientSampleId :
TP-22A

Tgt Ion:152 Resp: 126370
Ion Ratio Lower Upper
152 100
150 158.9 124.5 186.7
115 56.6 49.6 74.4



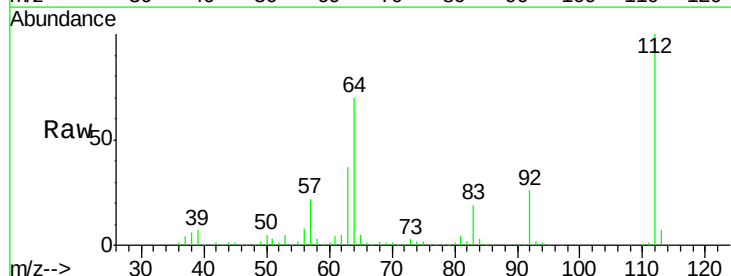
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



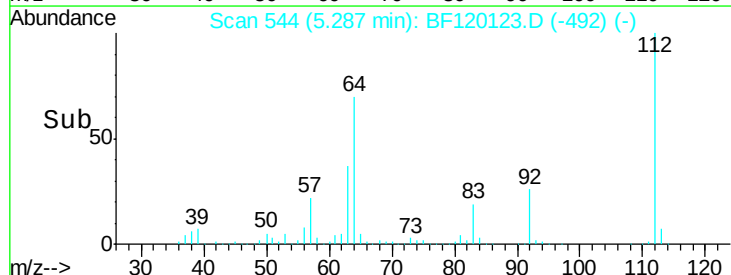
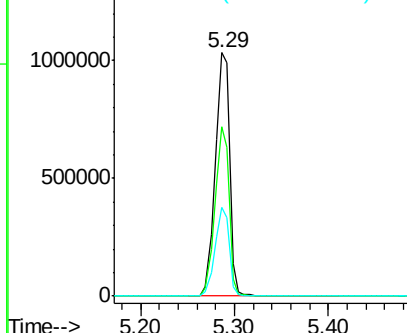
#5

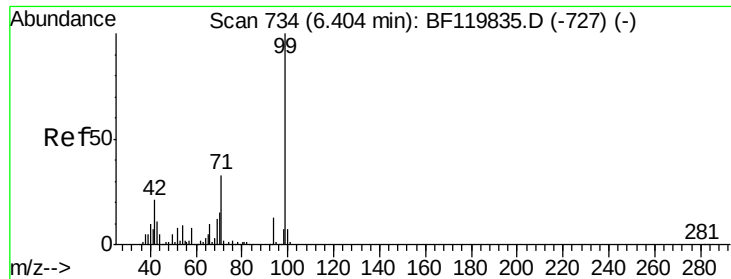
2-Fluorophenol
Concen: 153.41 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120123.D
Acq: 22 Apr 2020 11:39

Tgt Ion:112 Resp: 1121812
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 36.6 29.5 44.3



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: 129.97 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120123.D

Acq: 22 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22A

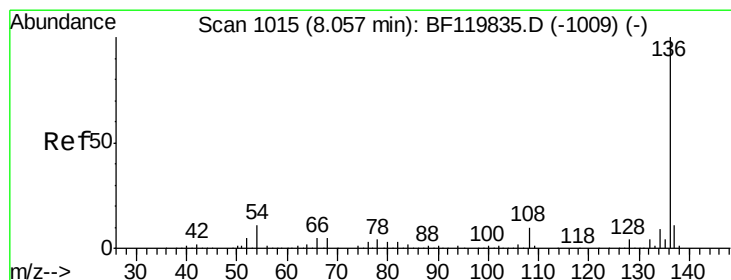
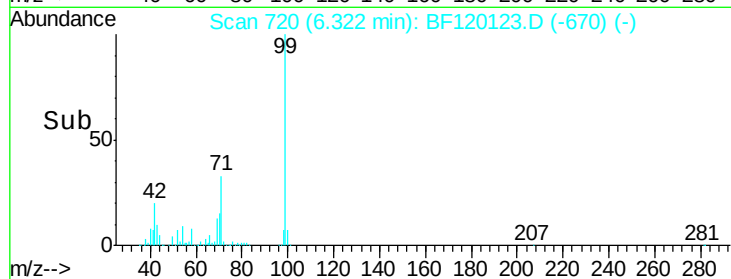
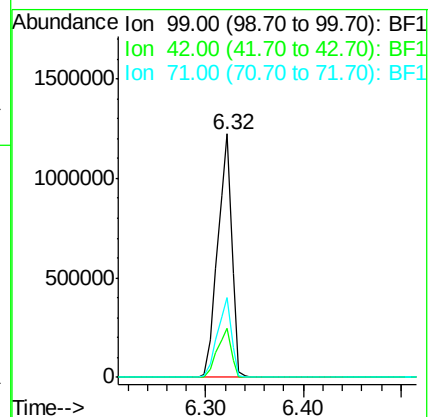
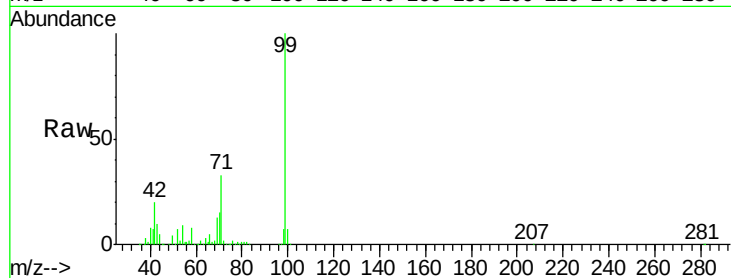
Tgt Ion: 99 Resp: 1224636

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.0 26.4 39.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120123.D

Acq: 22 Apr 2020 11:39

Tgt Ion: 136 Resp: 506335

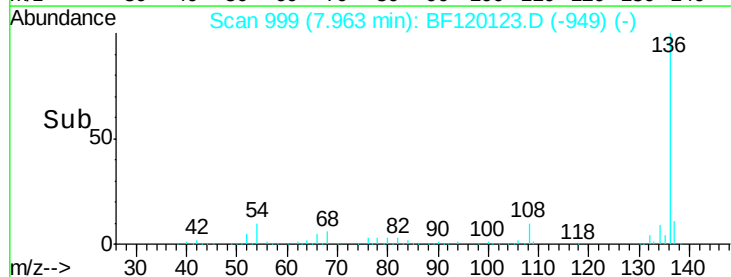
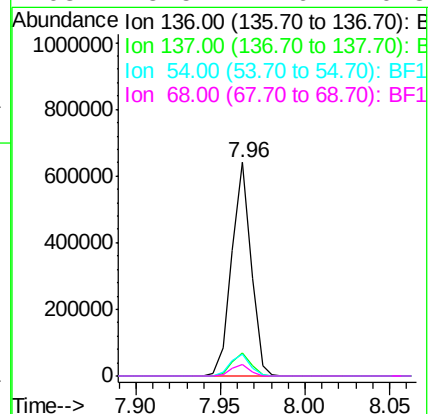
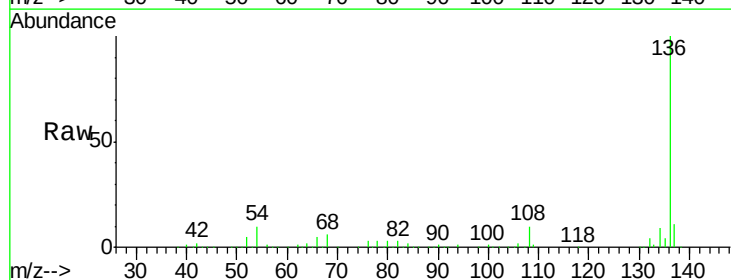
Ion Ratio Lower Upper

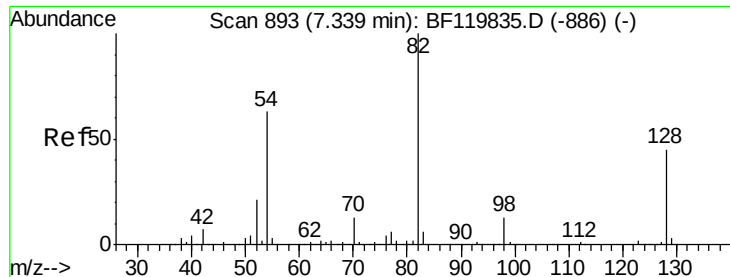
136 100

137 10.7 8.7 13.1

54 10.0 9.1 13.7

68 5.5 4.6 6.8

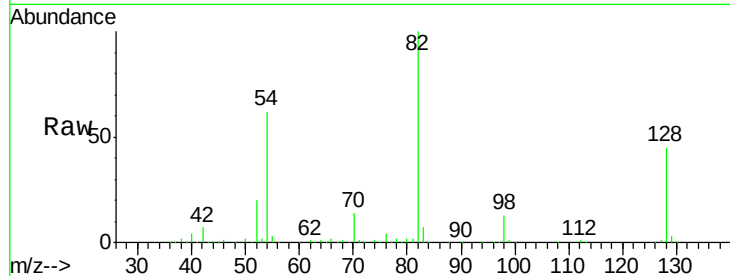




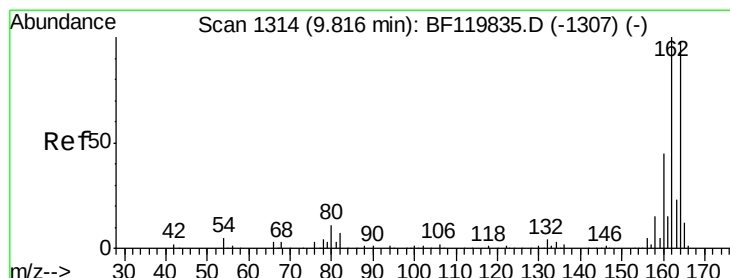
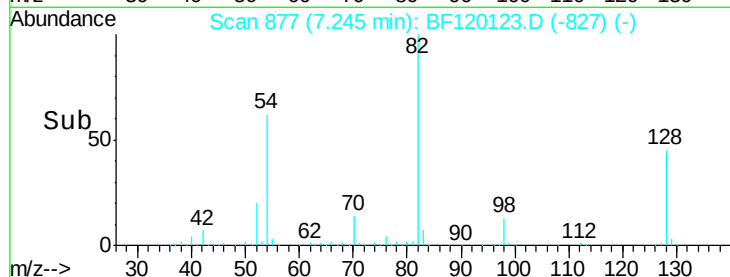
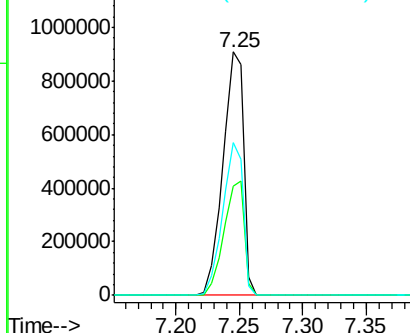
#23
 Nitrobenzene-d5
 Concen: 104.84 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120123.D
 Acq: 22 Apr 2020 11:39

Instrument :
 BNA_F
 ClientSampleID :
 TP-22A

Tgt Ion: 82 Resp: 1026076
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.3 54.5
 54 62.5 50.6 75.8

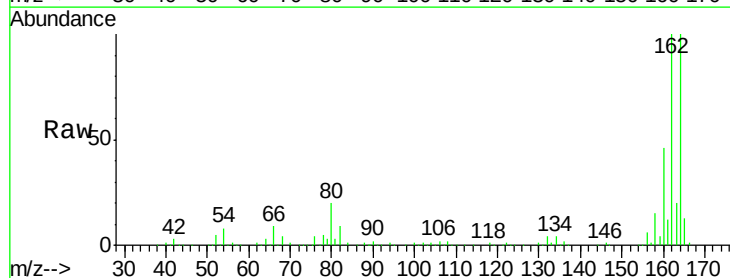


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

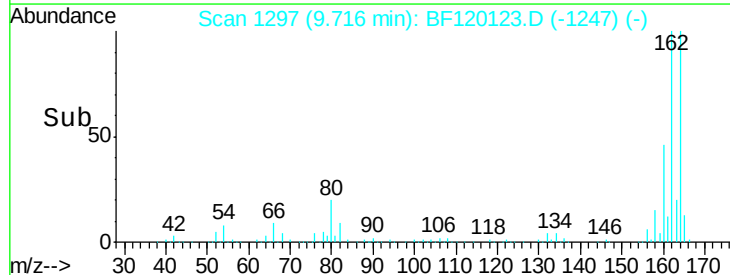
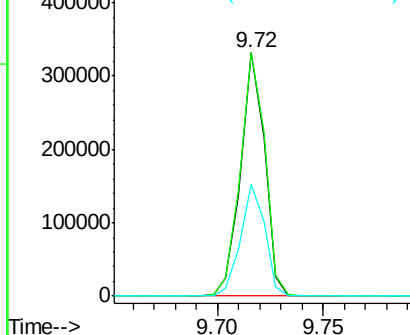


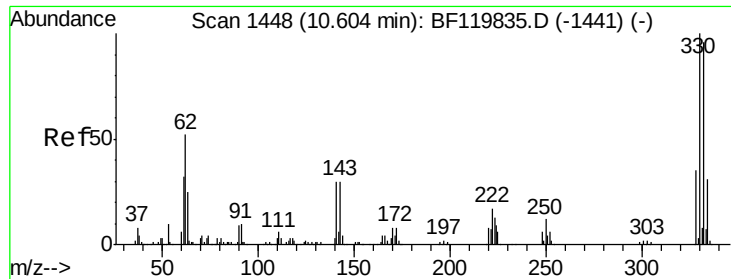
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120123.D
 Acq: 22 Apr 2020 11:39

Tgt Ion: 164 Resp: 261350
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.6 121.0
 160 46.0 35.7 53.5



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

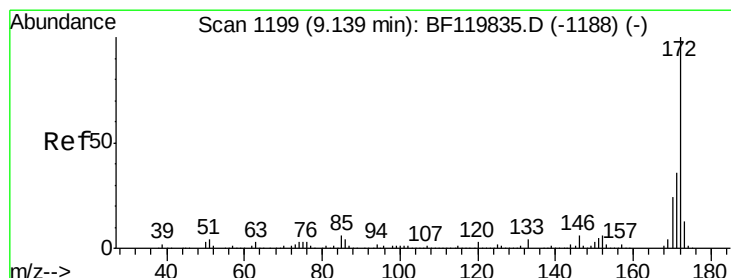
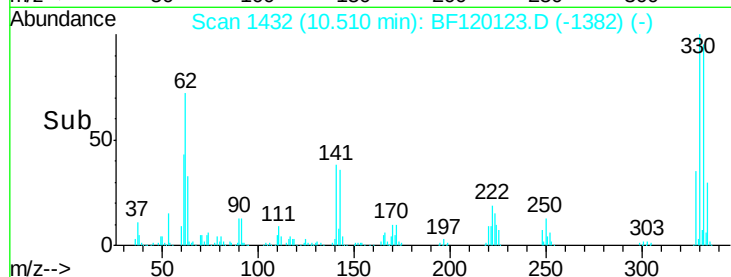
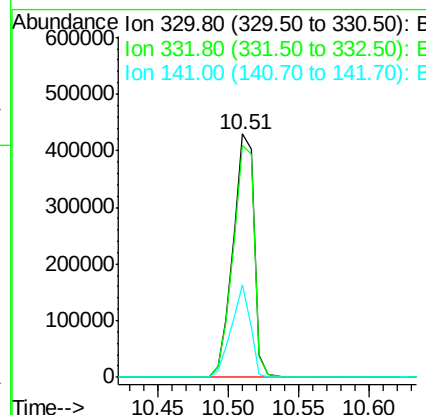
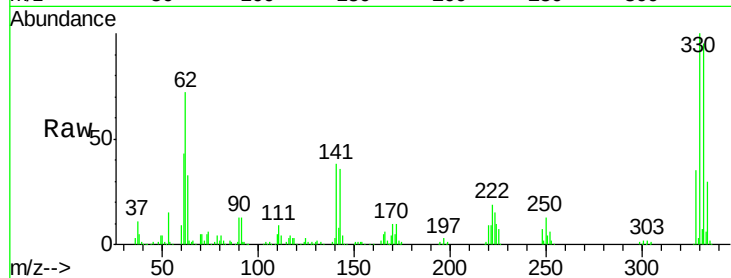




#42
 2,4,6-Tribromophenol
 Concen: 139.79 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120123.D
 Acq: 22 Apr 2020 11:39

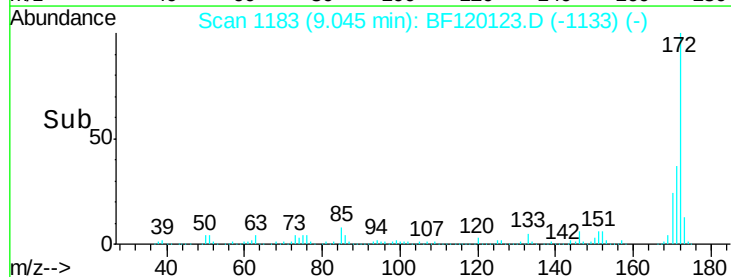
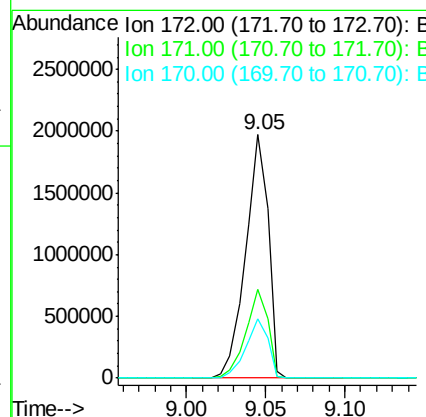
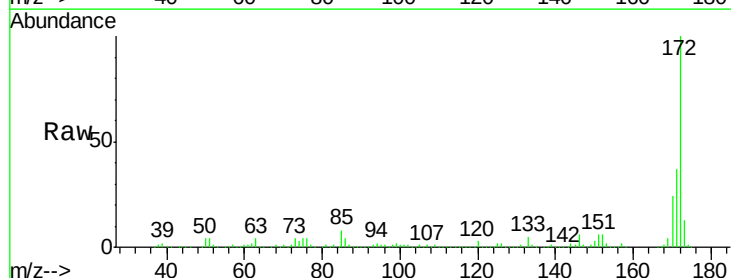
Instrument :
 BNA_F
 ClientSampleId :
 TP-22A

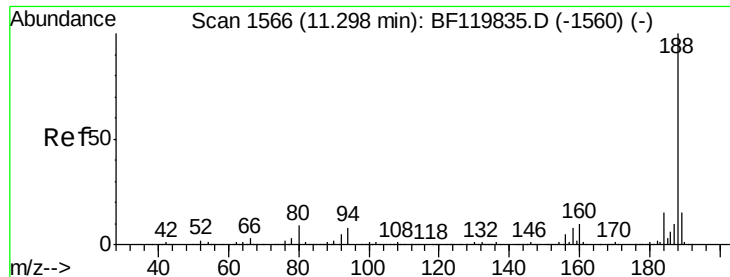
Tgt Ion:330 Resp: 447291
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.7 113.5
 141 34.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 104.78 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120123.D
 Acq: 22 Apr 2020 11:39

Tgt Ion:172 Resp: 1928788
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.2 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF120123.D

Acq: 22 Apr 2020 11:39

Instrument :

BNA_F

ClientSampleId :

TP-22A

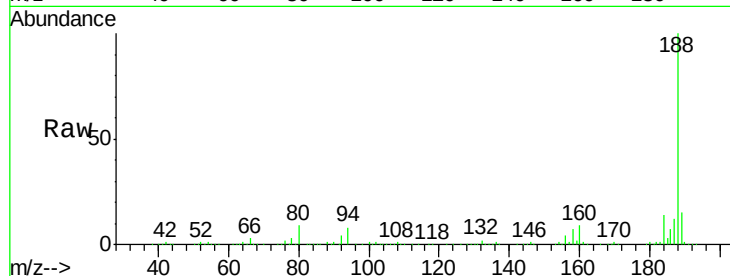
Tgt Ion:188 Resp: 518237

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

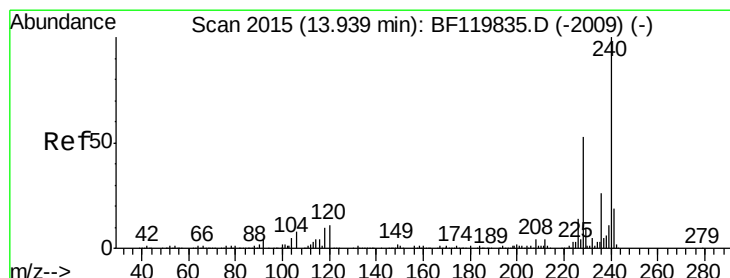
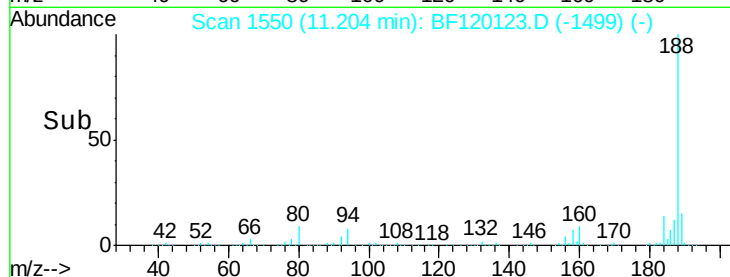
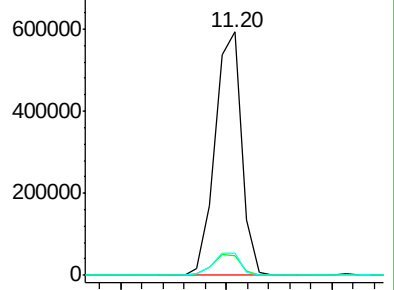
80 8.9 9.0 13.4#



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: 20.00 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF120123.D

Acq: 22 Apr 2020 11:39

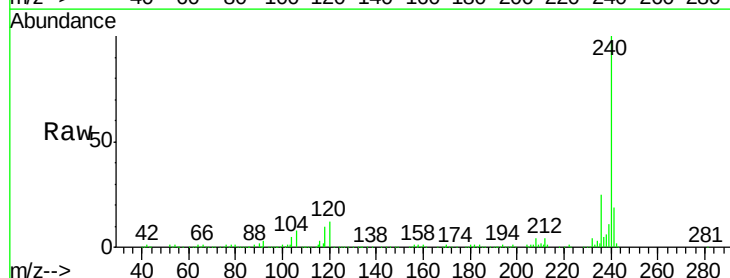
Tgt Ion:240 Resp: 425982

Ion Ratio Lower Upper

240 100

120 11.6 10.6 15.8

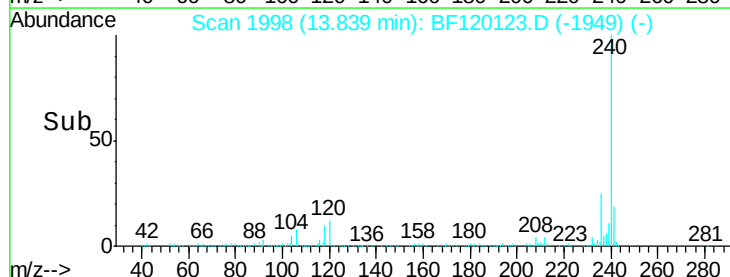
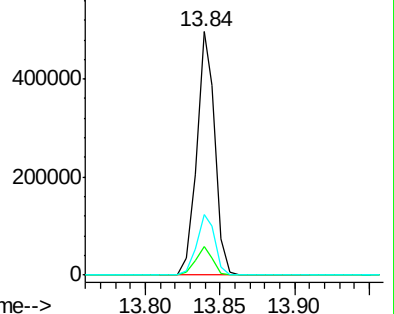
236 25.0 20.2 30.2

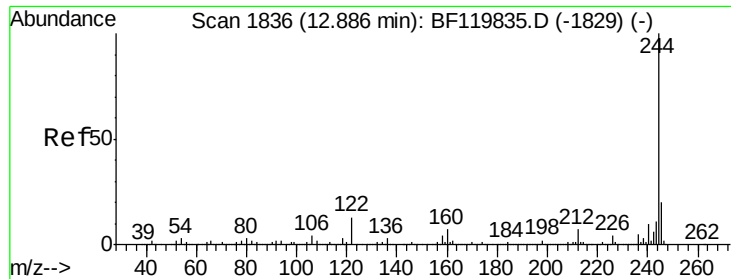


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

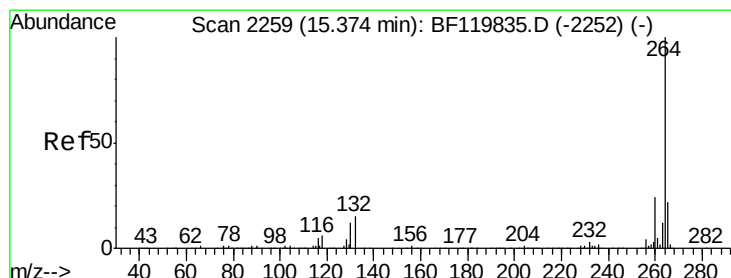
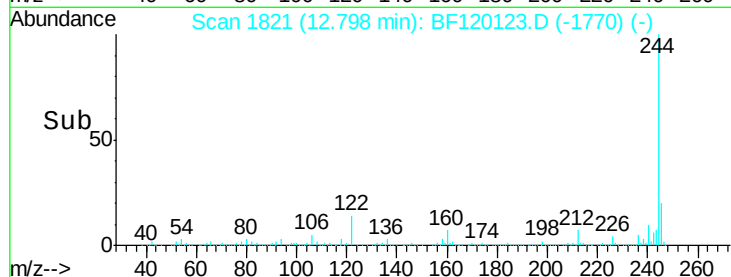
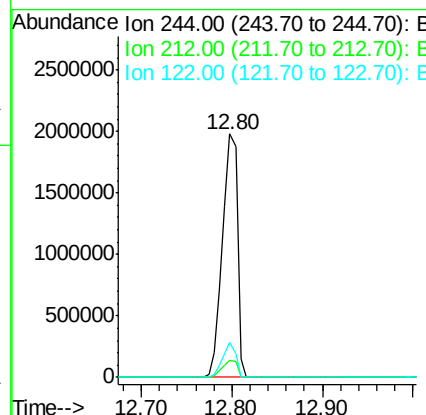
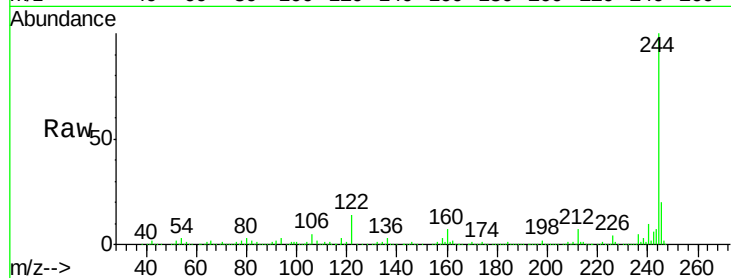




#79
 Terphenyl-d14
 Concen: 88.52 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120123.D
 Acq: 22 Apr 2020 11:39

Instrument :
 BNA_F
 ClientSampled :
 TP-22A

Tgt Ion:244 Resp: 2240916
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 14.4 10.3 15.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF120123.D
 Acq: 22 Apr 2020 11:39

Tgt Ion:264 Resp: 391134
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.7 28.1
 265 21.1 17.7 26.5

