

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119943.D
 Acq On : 14 Apr 2020 8:53
 Operator : MA/SJ
 Sample : L2230-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18

Quant Time: Apr 14 12:17:30 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	201375	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	779973	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	415833	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	861690	20.00	ng	-0.01
76) Chrysene-d12	13.90	240	646727	20.00	ng	-0.01
87) Perylene-d12	15.32	264	525585	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1589366	136.40	ng	0.02
7) Phenol-d6	6.37	99	1836521	122.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	1363715	90.45	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	705558	138.58	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2539492	86.71	ng	-0.01
79) Terphenyl-d14	12.86	244	3254091	84.66	ng	0.00

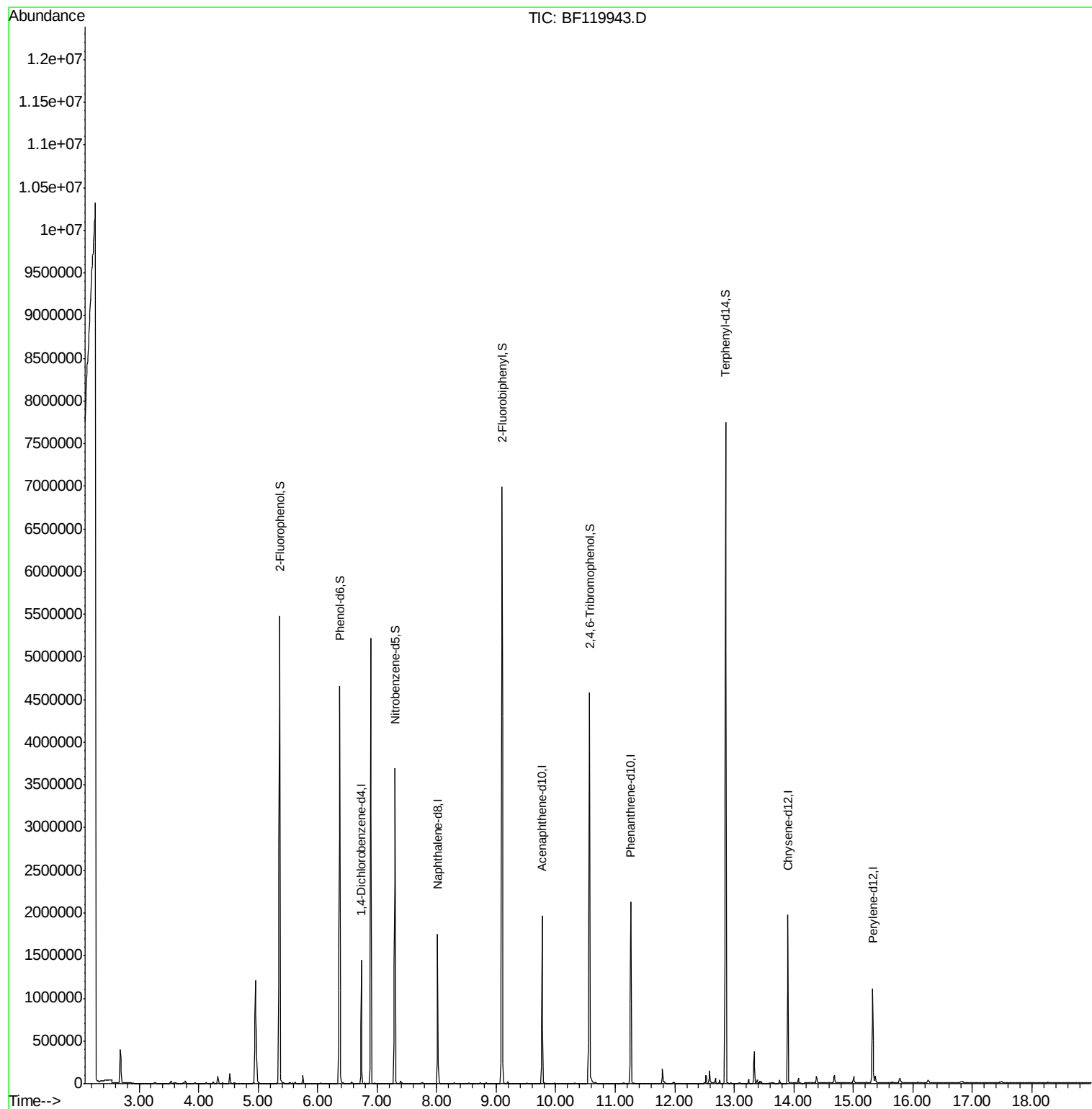
Target Compounds Qvalue

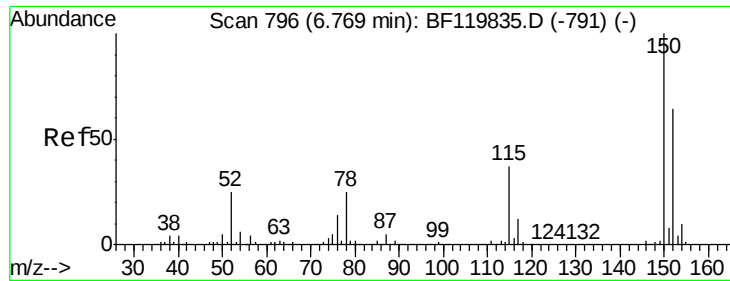
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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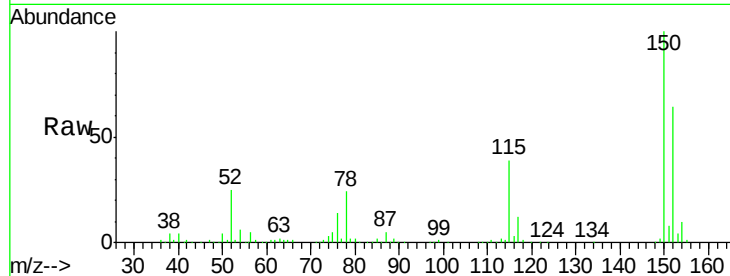


#1

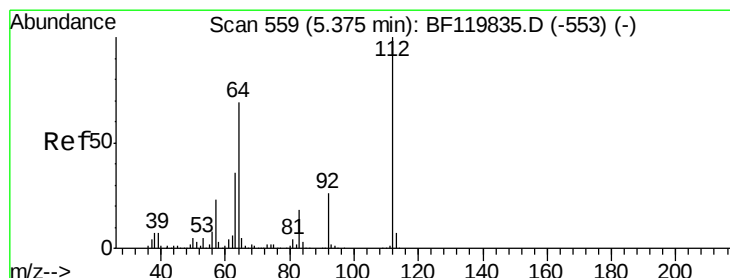
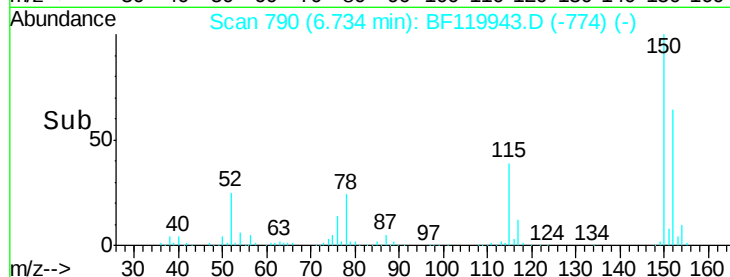
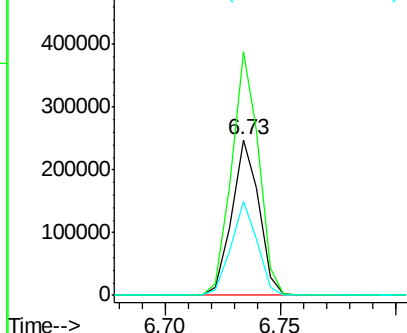
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119943.D
Acq: 14 Apr 2020 8:53

Instrument :
BNA_F
ClientSampleId :
TP-18

Tot Ion:152 Resp: 201375
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 60.6 46.5 69.7



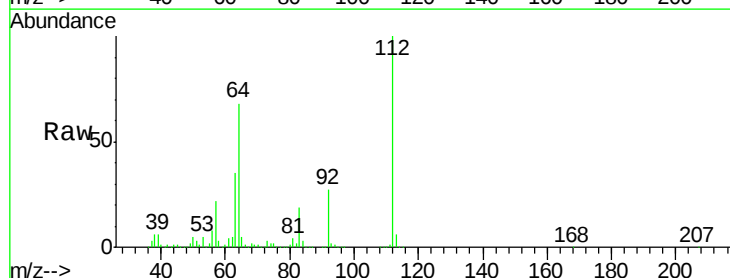
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



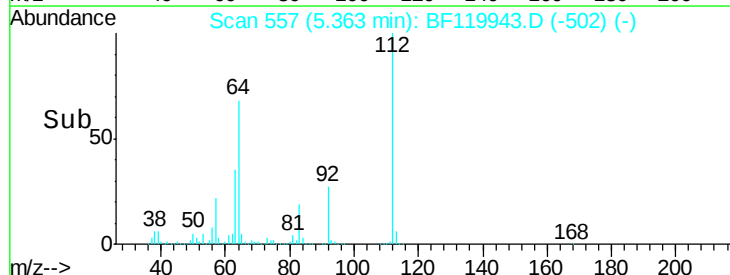
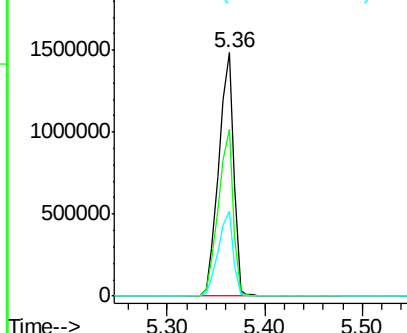
#5

2-Fluorophenol
Concen: 136.398 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119943.D
Acq: 14 Apr 2020 8:53

Tgt Ion:112 Resp: 1589366
Ion Ratio Lower Upper
112 100
64 68.5 55.5 83.3
63 34.9 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: 122.315 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119943.D

Acq: 14 Apr 2020 8:53

Instrument :

BNA_F

ClientSampleId :

TP-18

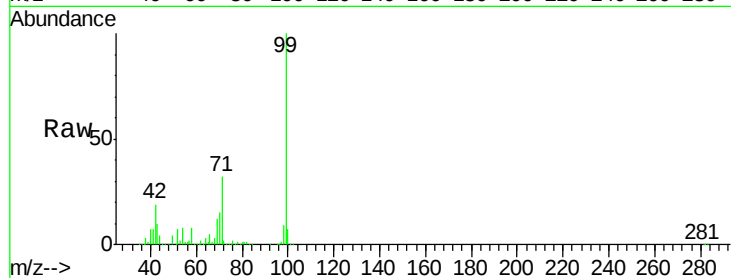
Tot Ion: 99 Resp: 1836521

Ion Ratio Lower Upper

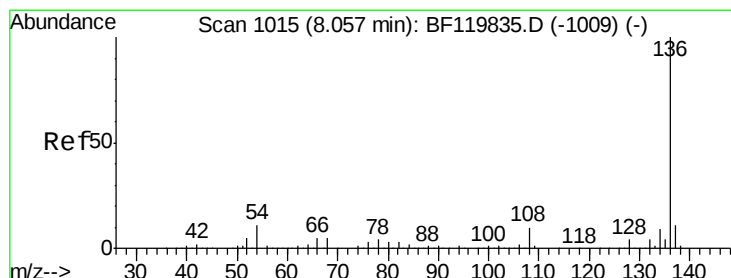
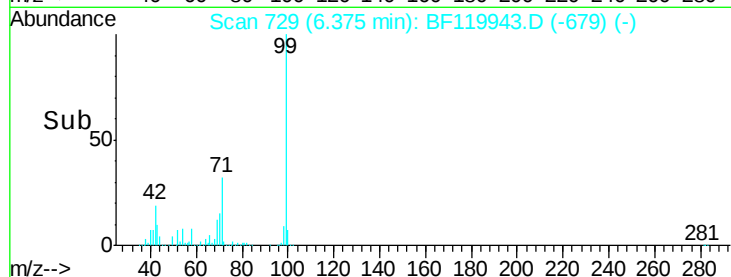
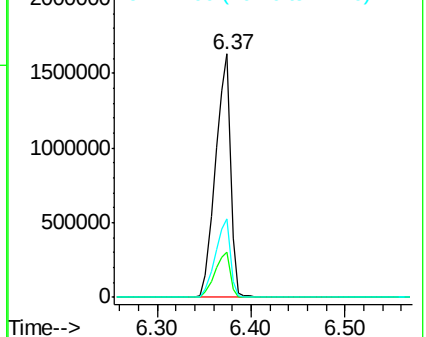
99 100

42 18.7 16.9 25.3

71 32.4 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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119943.D

Acq: 14 Apr 2020 8:53

Tgt Ion: 136 Resp: 779973

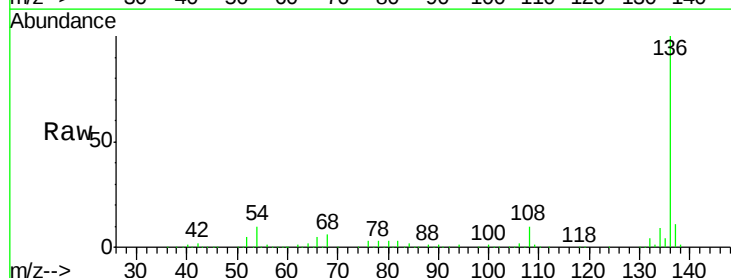
Ion Ratio Lower Upper

136 100

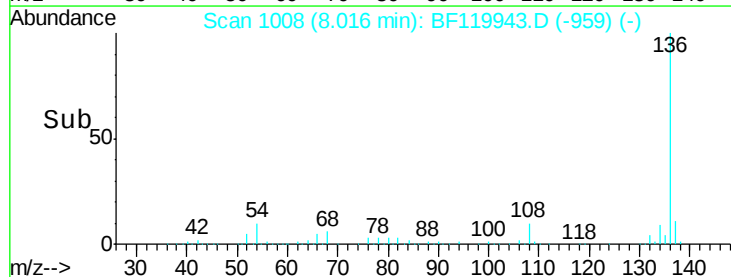
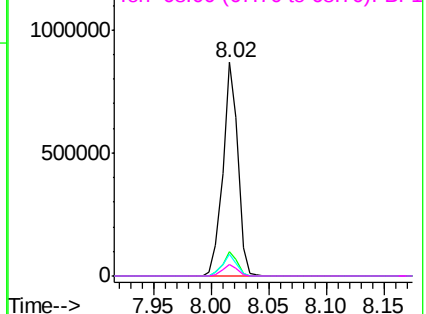
137 11.4 8.7 13.1

54 10.5 8.5 12.7

68 5.7 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

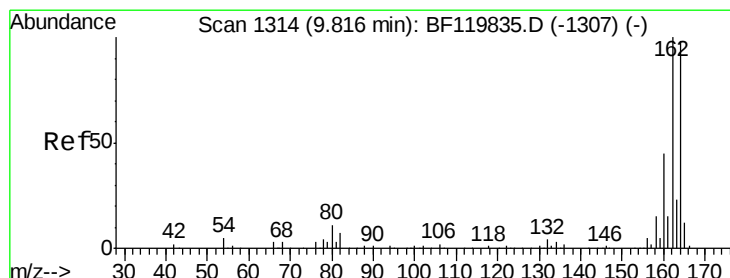
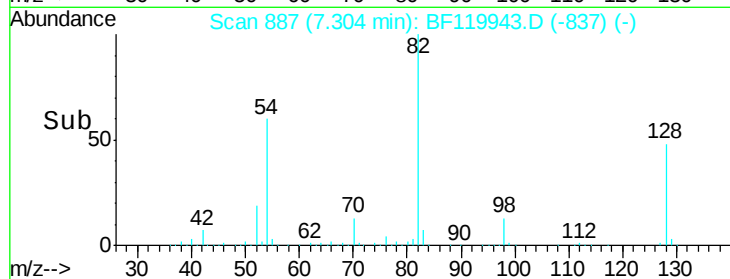
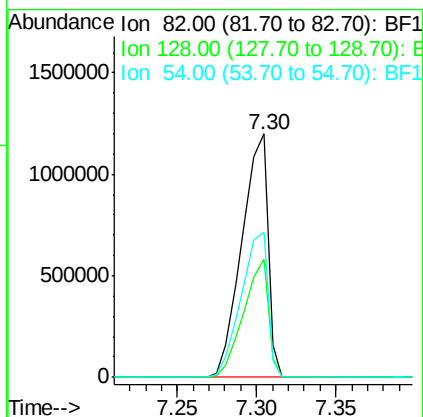
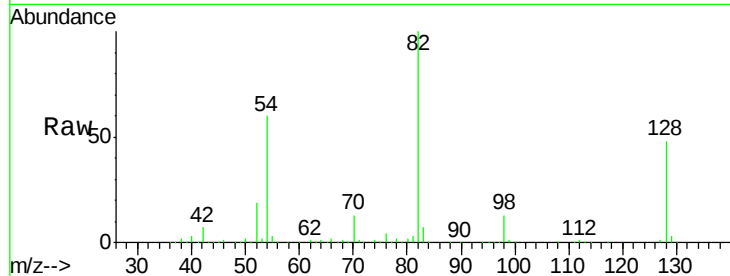




#23
 Nitrobenzene-d5
 Concen: 90.452 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119943.D
 Acq: 14 Apr 2020 8:53

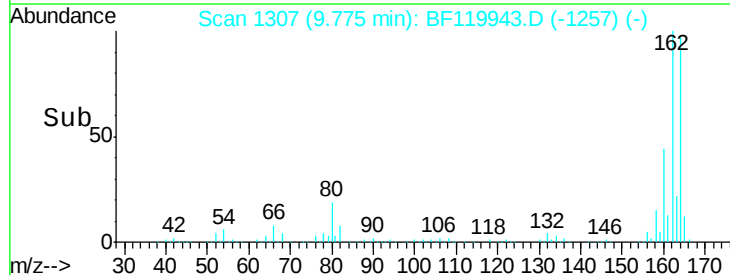
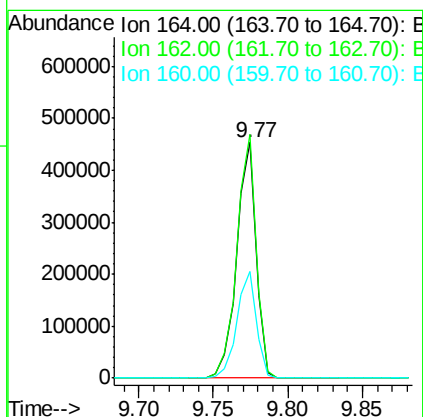
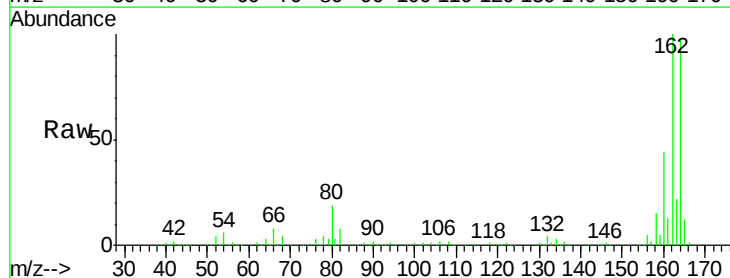
Instrument :
 BNA_F
 ClientSampleId :
 TP-18

Tot Ion: 82 Resp: 1363715
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.2 54.4
 54 59.8 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119943.D
 Acq: 14 Apr 2020 8:53

Tgt Ion: 164 Resp: 415833
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.9 122.9
 160 45.1 36.6 54.8

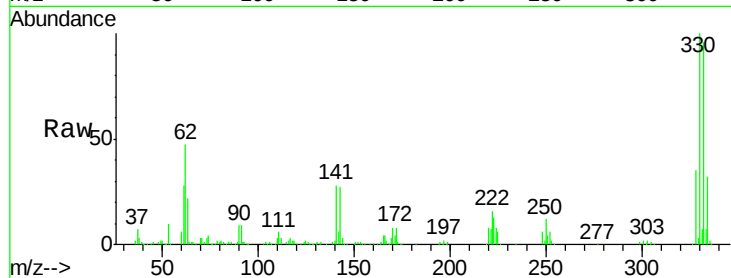




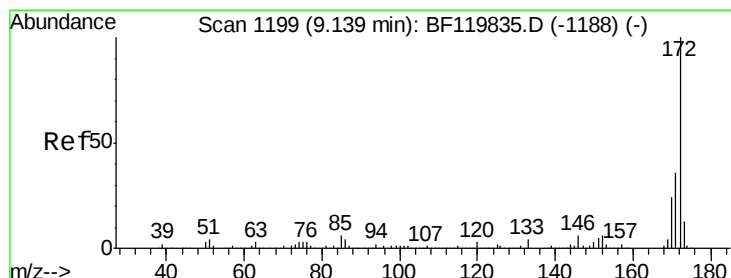
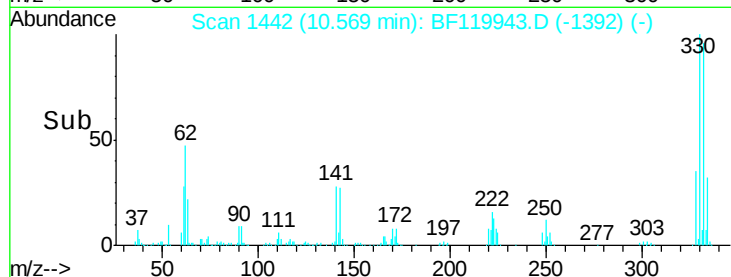
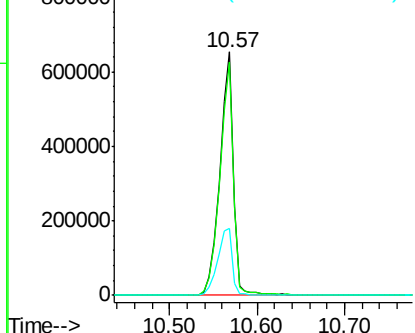
#42
 2,4,6-Tribromophenol
 Concen: 138.584 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119943.D
 Acq: 14 Apr 2020 8:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-18

Tot Ion:330 Resp: 705558
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 30.1 25.1 37.7

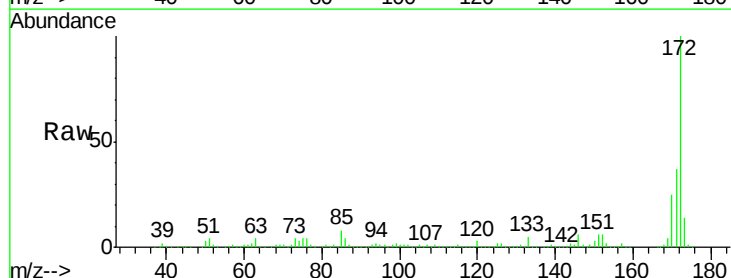


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

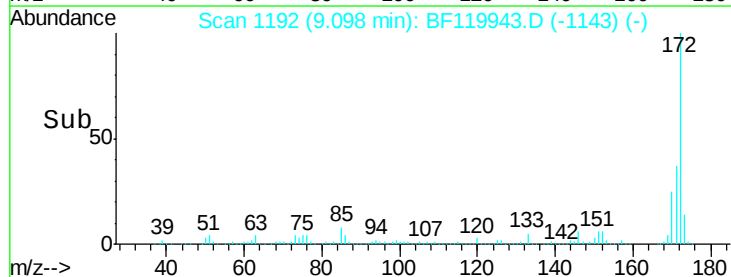
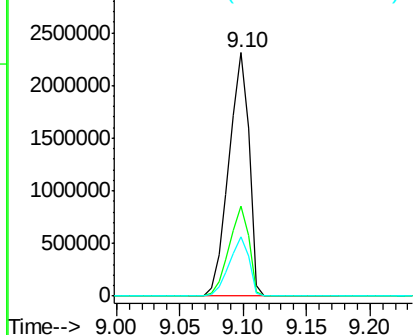


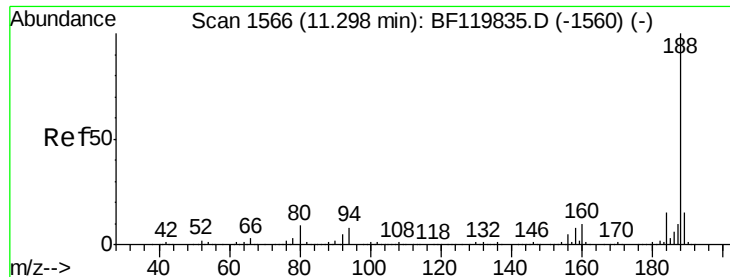
#45
 2-Fluorobiphenyl
 Concen: 86.706 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119943.D
 Acq: 14 Apr 2020 8:53

Tgt Ion:172 Resp: 2539492
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.6 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119943.D

Acq: 14 Apr 2020 8:53

Instrument :

BNA_F

ClientSampleId :

TP-18

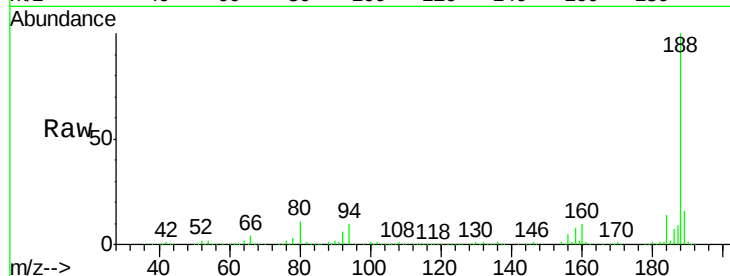
Tot Ion:188 Resp: 861690

Ion Ratio Lower Upper

188 100

94 9.8 6.7 10.1

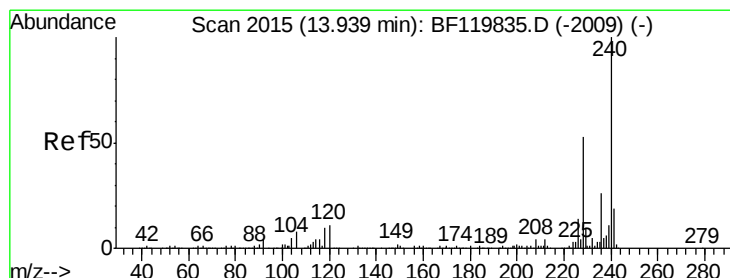
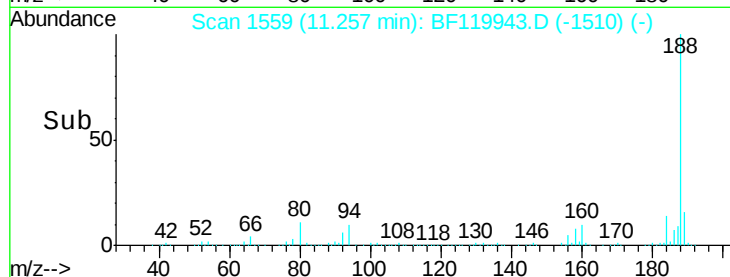
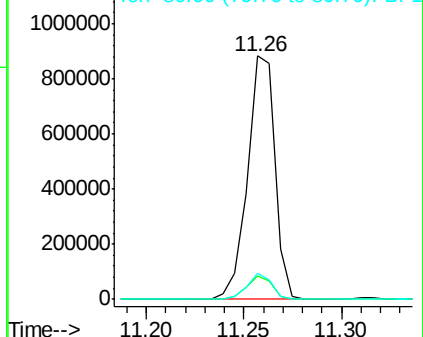
80 10.6 7.4 11.2



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: BF119943.D

Acq: 14 Apr 2020 8:53

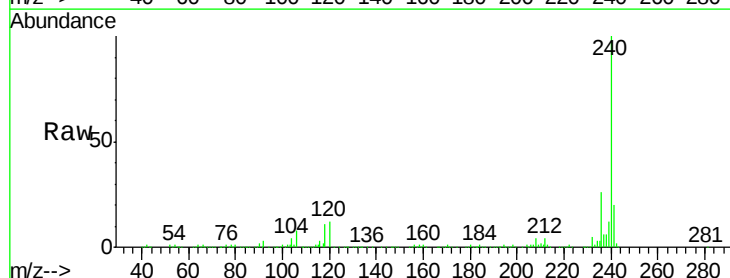
Tgt Ion:240 Resp: 646727

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

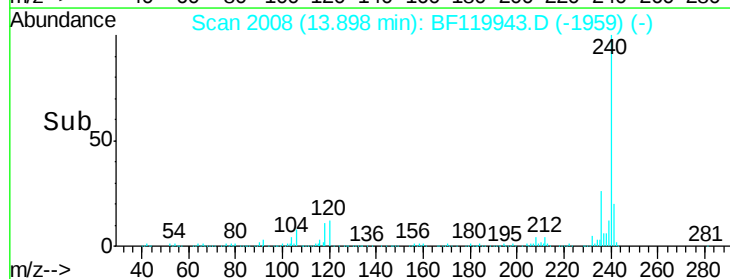
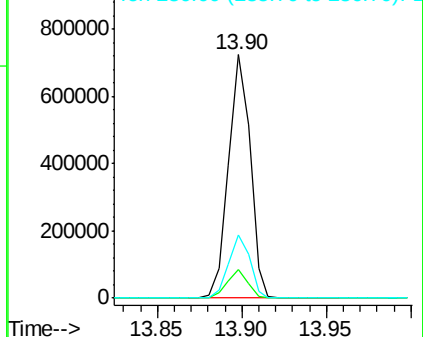
236 25.7 20.7 31.1

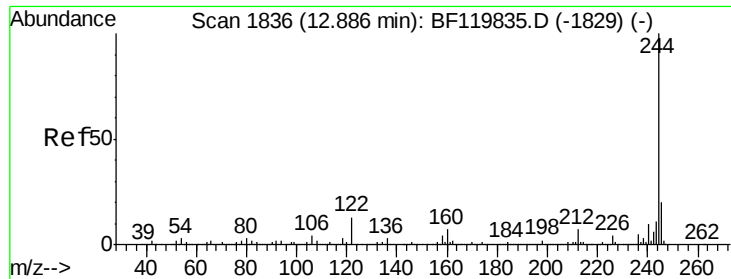


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

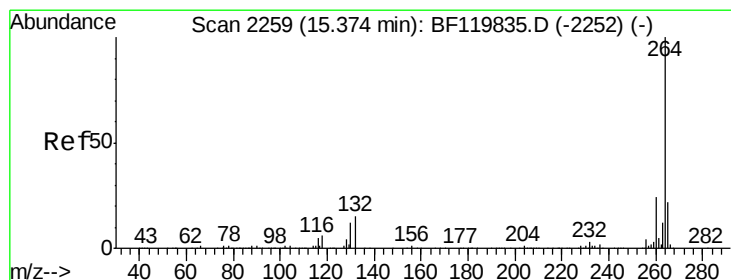
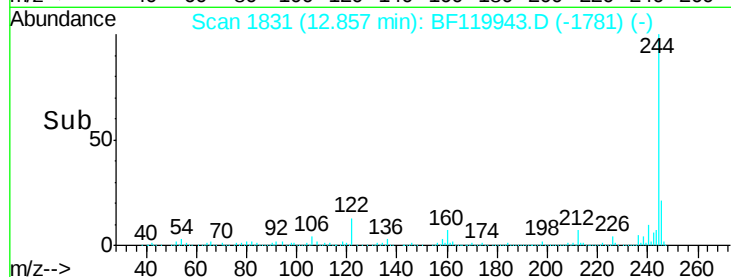
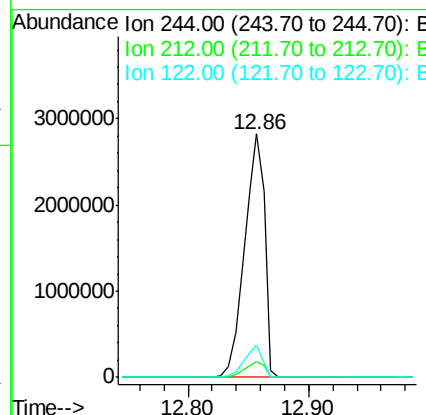
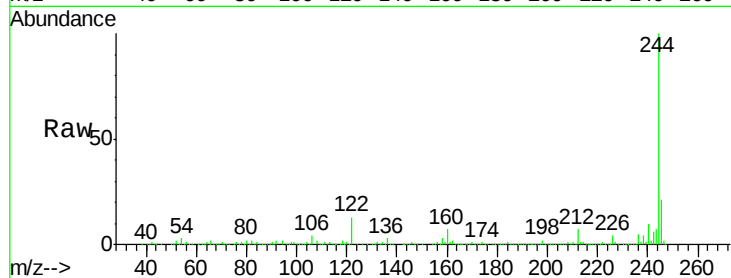




#79
 Terphenyl-d14
 Concen: 84.665 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF119943.D
 Acq: 14 Apr 2020 8:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-18

Tot Ion:244 Resp: 3254091
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.3 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: BF119943.D
 Acq: 14 Apr 2020 8:53

Tgt Ion:264 Resp: 525585
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.9 17.6 26.4

