

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119936.D
 Acq On : 14 Apr 2020 5:44
 Operator : MA/SJ
 Sample : PB128182BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128182BL

Quant Time: Apr 14 07:07:03 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	231688	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	912335	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	498802	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	1024591	20.00	ng	0.00
76) Chrysene-d12	13.90	240	819288	20.00	ng	-0.01
87) Perylene-d12	15.33	264	727353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1761309	131.38	ng	0.02
7) Phenol-d6	6.37	99	2224026	128.74	ng	0.00
23) Nitrobenzene-d5	7.30	82	1408363	79.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	663942	108.72	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2688659	76.53	ng	-0.01
79) Terphenyl-d14	12.86	244	3495594	71.79	ng	0.00

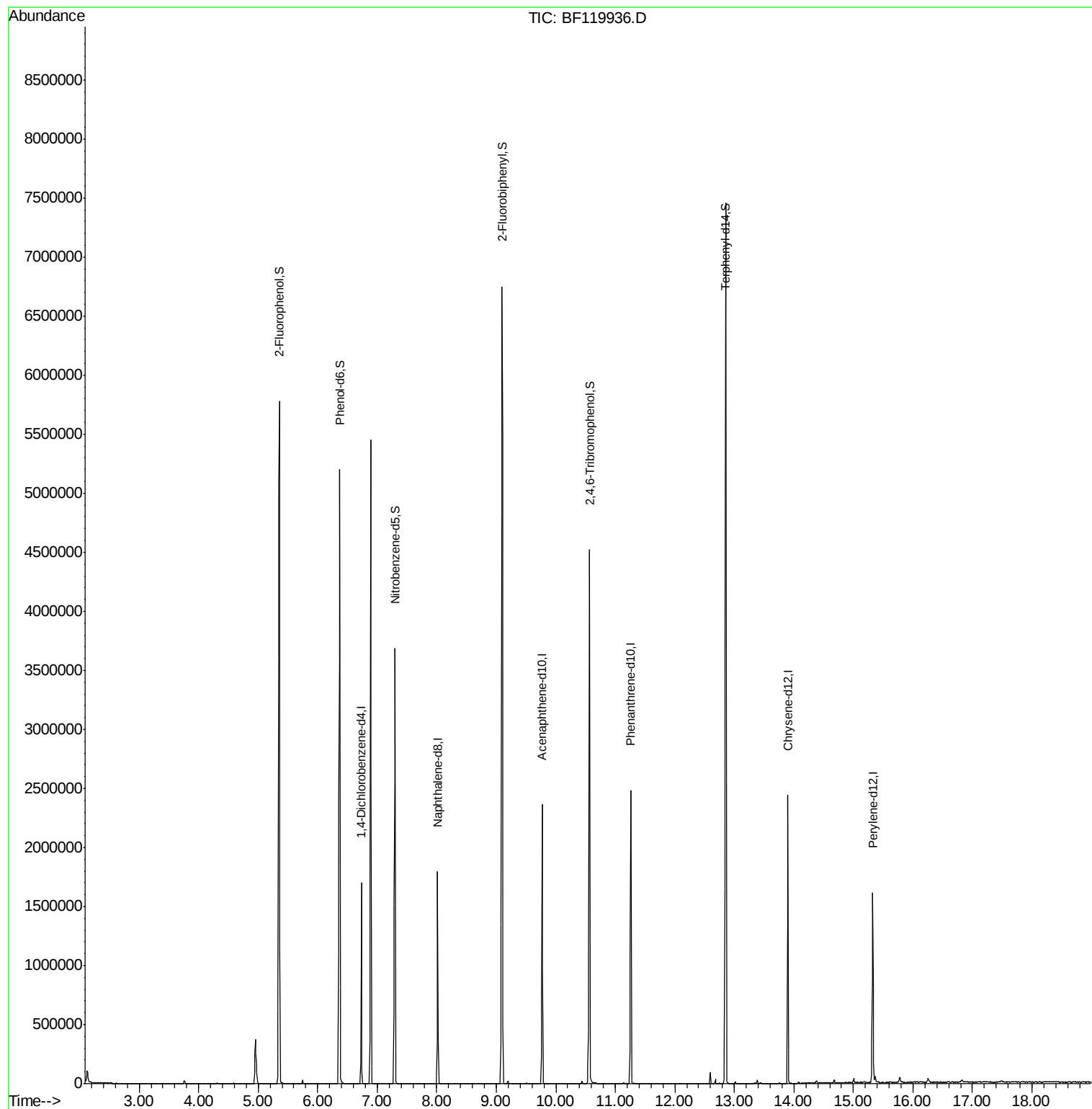
Target Compounds Qvalue

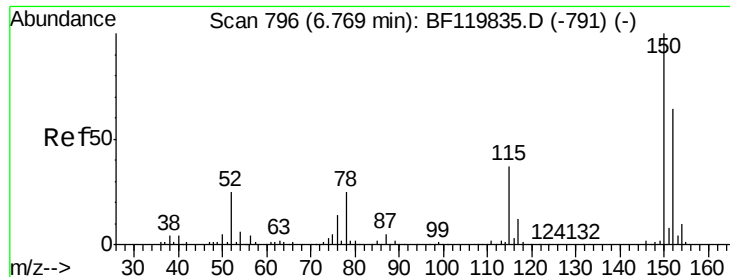
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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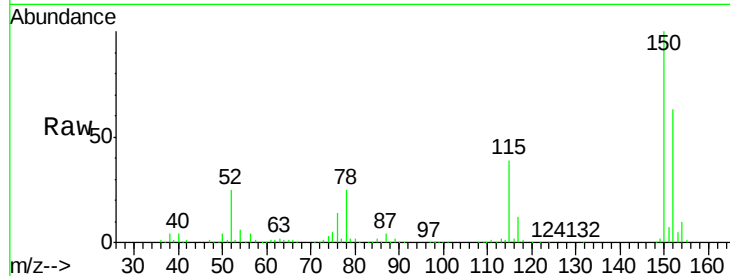


#1

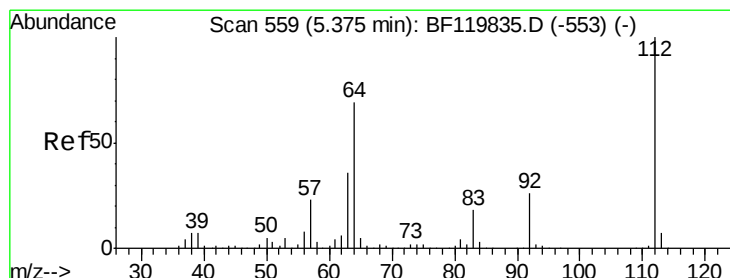
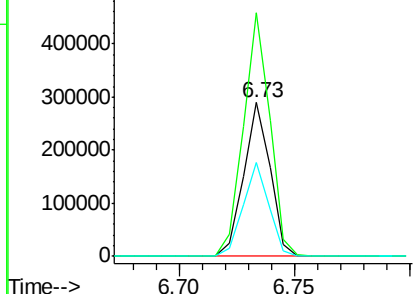
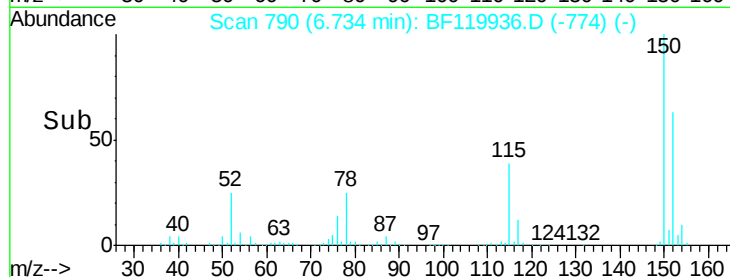
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119936.D
 Acq: 14 Apr 2020 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128182BL

Tot Ion:152 Resp: 231688
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.8 187.2
 115 61.3 46.5 69.7



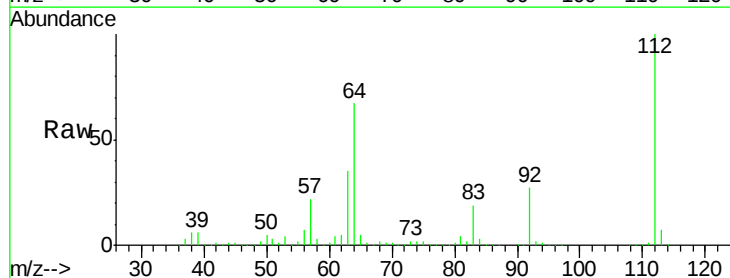
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



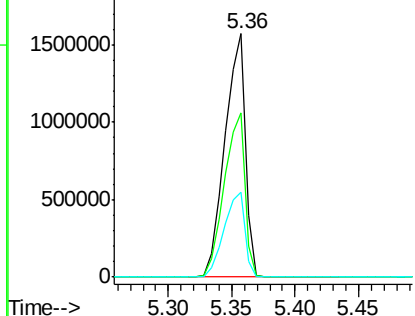
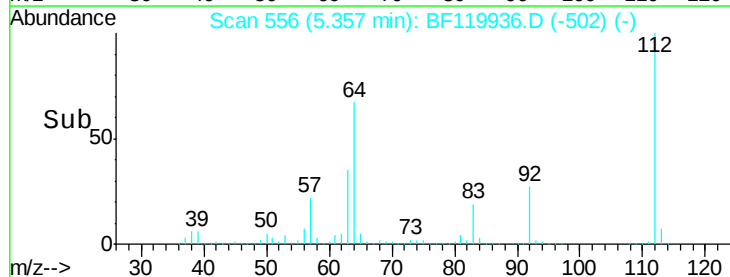
#5

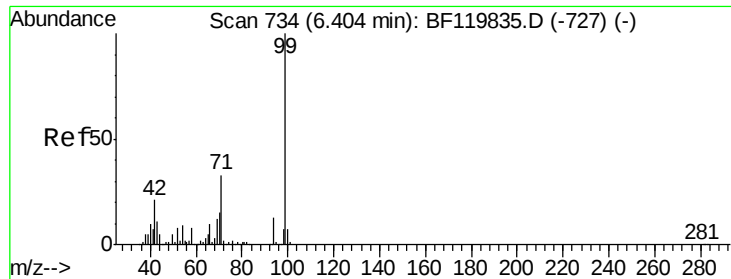
2-Fluorophenol
 Concen: 131.378 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF119936.D
 Acq: 14 Apr 2020 5:44

Tgt Ion:112 Resp: 1761309
 Ion Ratio Lower Upper
 112 100
 64 67.3 55.5 83.3
 63 34.8 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: 128.744 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119936.D

Acq: 14 Apr 2020 5:44

Instrument :

BNA_F

ClientSampleId :

PB128182BL

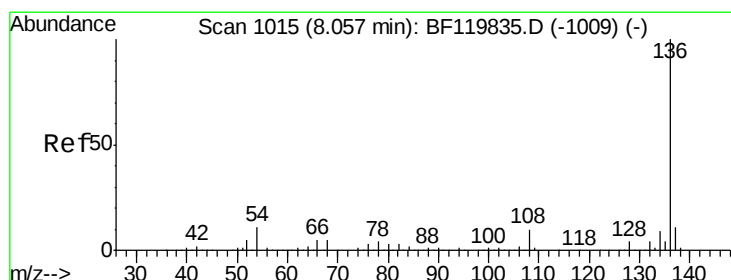
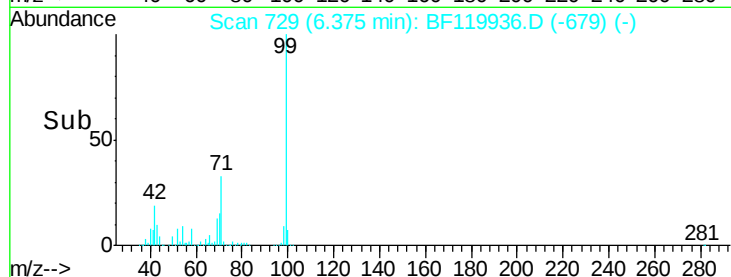
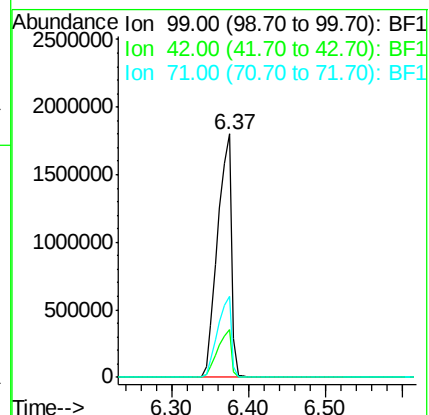
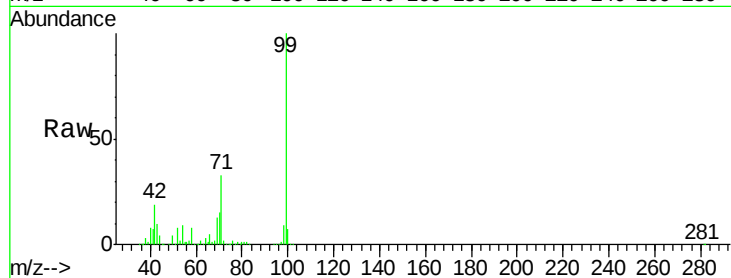
Tot Ion: 99 Resp: 2224026

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

71 33.4 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: BF119936.D

Acq: 14 Apr 2020 5:44

Tgt Ion: 136 Resp: 912335

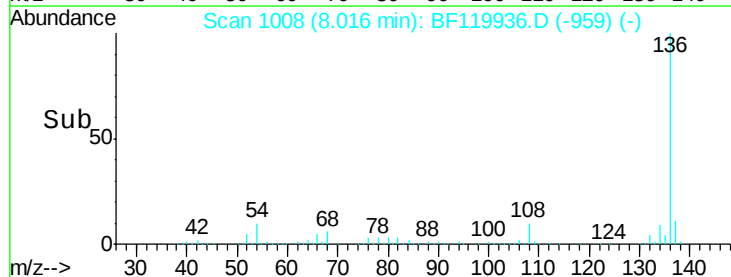
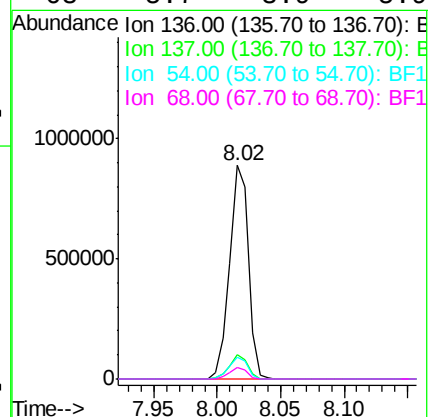
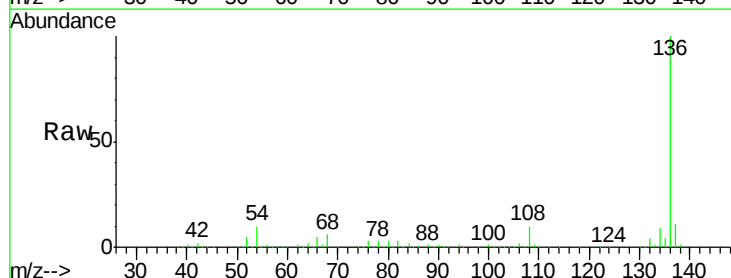
Ion Ratio Lower Upper

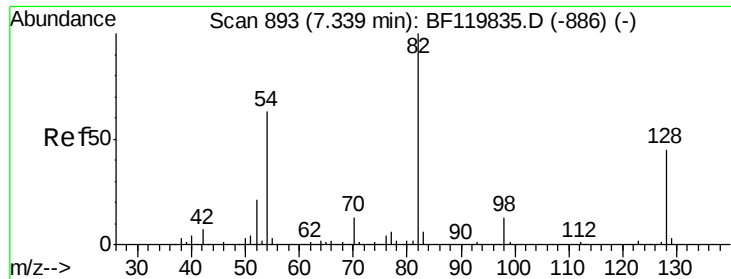
136 100

137 11.1 8.7 13.1

54 10.4 8.5 12.7

68 5.7 3.9 5.9

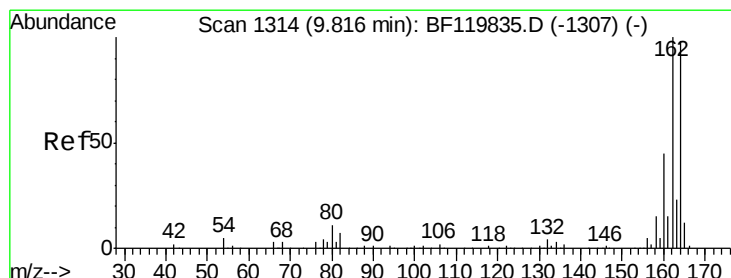
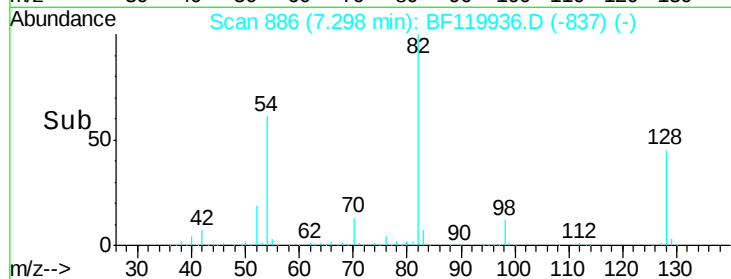
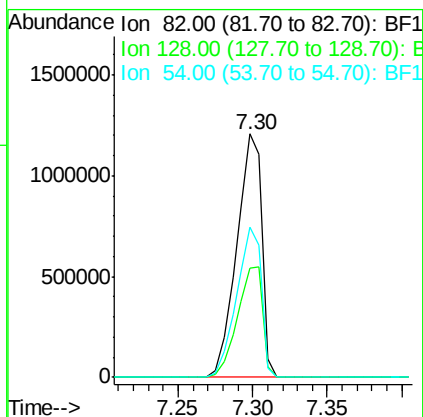
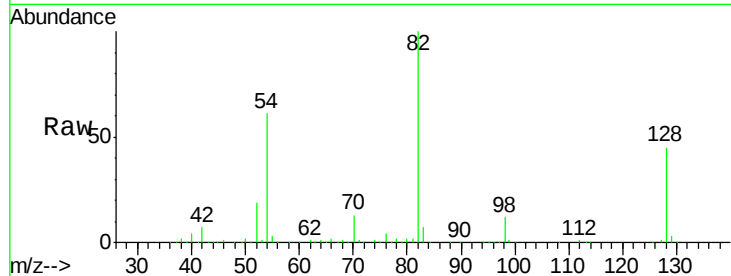




#23
 Nitrobenzene-d5
 Concen: 79.861 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119936.D
 Acq: 14 Apr 2020 5:44

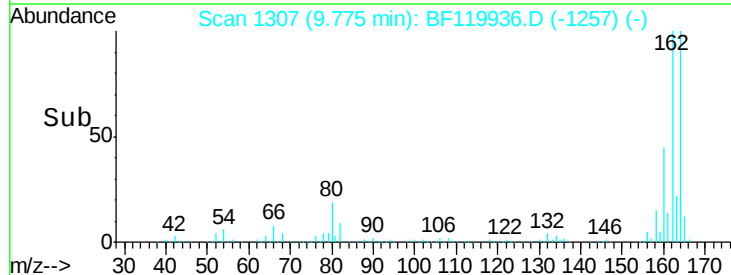
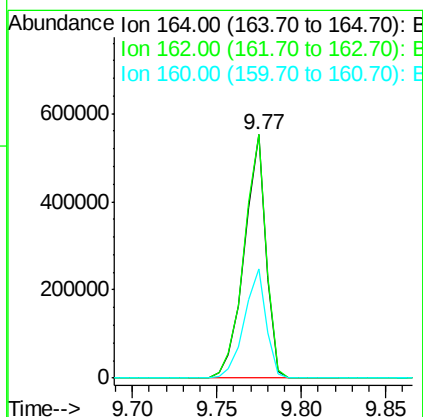
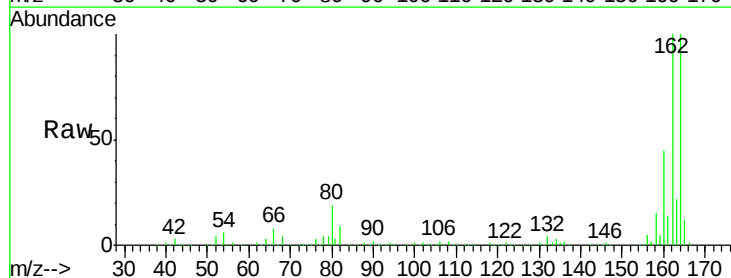
Instrument :
 BNA_F
 ClientSampleId :
 PB128182BL

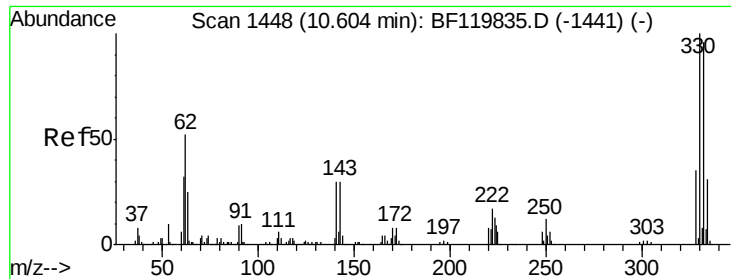
Tot Ion: 82 Resp: 1408363
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.2 54.4
 54 61.5 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119936.D
 Acq: 14 Apr 2020 5:44

Tgt Ion:164 Resp: 498802
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.9 122.9
 160 44.7 36.6 54.8

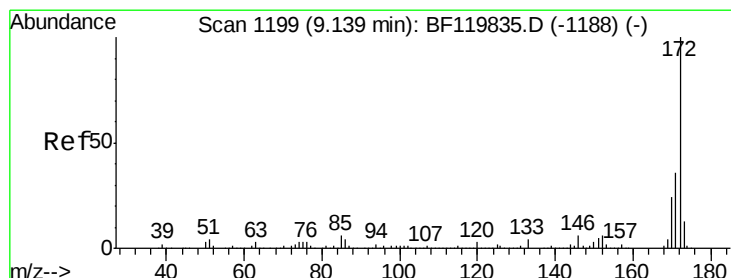
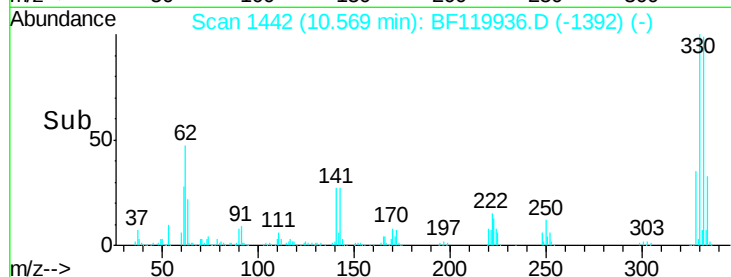
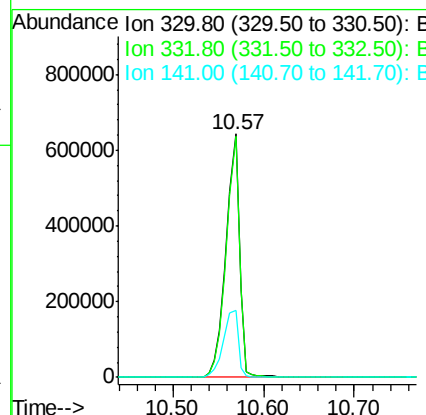
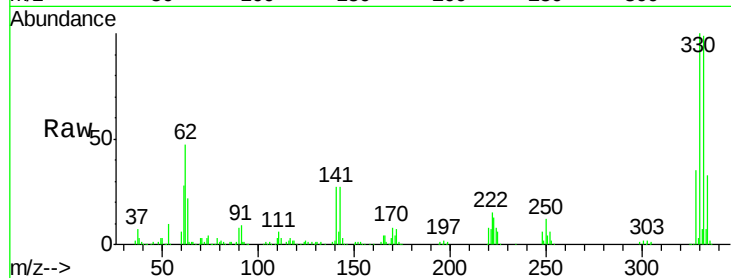




#42
 2,4,6-Tribromophenol
 Concen: 108.718 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119936.D
 Acq: 14 Apr 2020 5:44

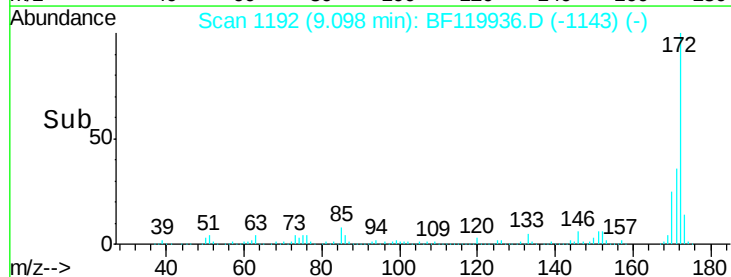
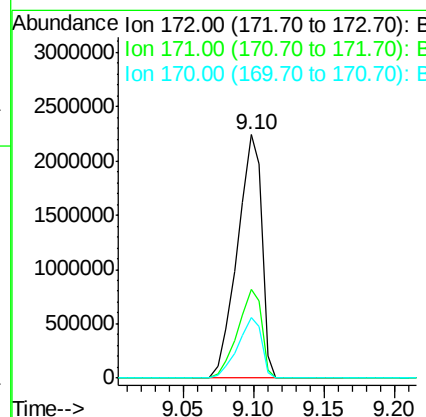
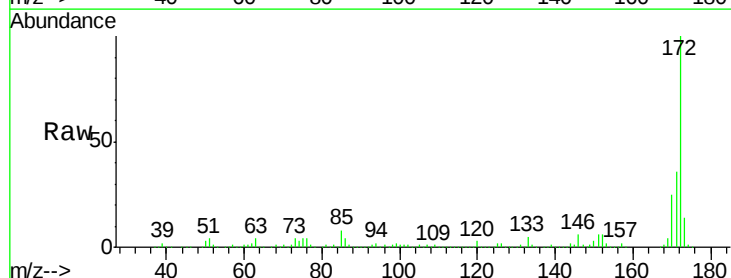
Instrument :
 BNA_F
 ClientSampleId :
 PB128182BL

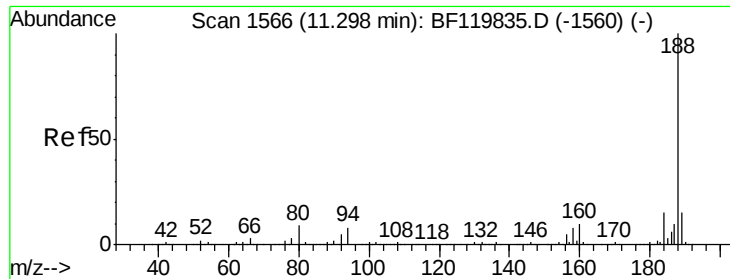
Tot Ion:330 Resp: 663942
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.8 115.2
 141 30.5 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 76.530 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119936.D
 Acq: 14 Apr 2020 5:44

Tgt Ion:172 Resp: 2688659
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.8 19.4 29.2

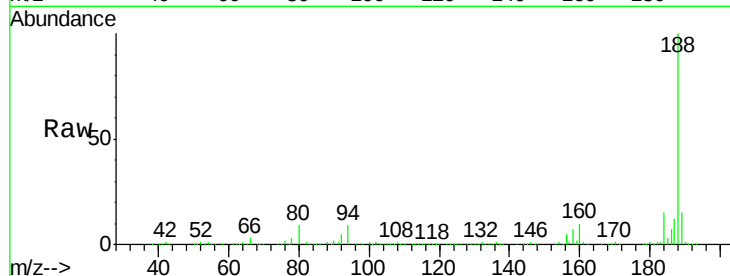




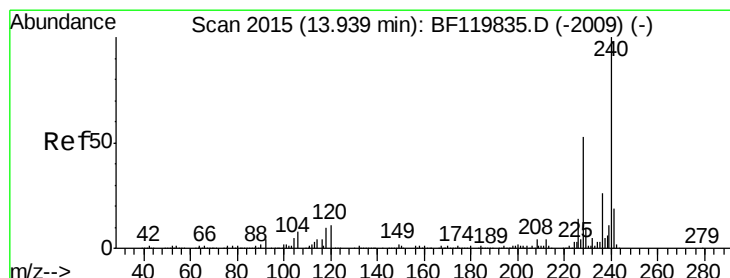
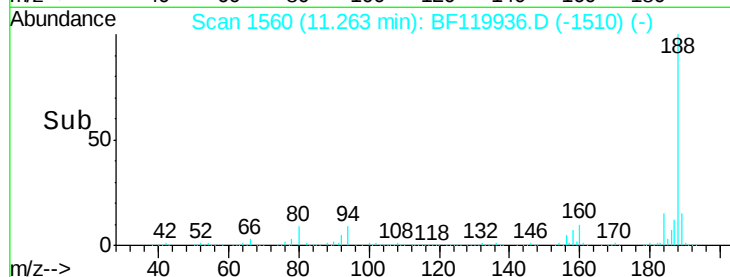
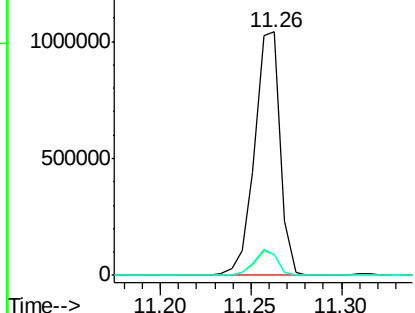
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119936.D
Acq: 14 Apr 2020 5:44

Instrument :
BNA_F
ClientSampleId :
PB128182BL

Tot Ion:188 Resp: 1024591
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.5 7.4 11.2

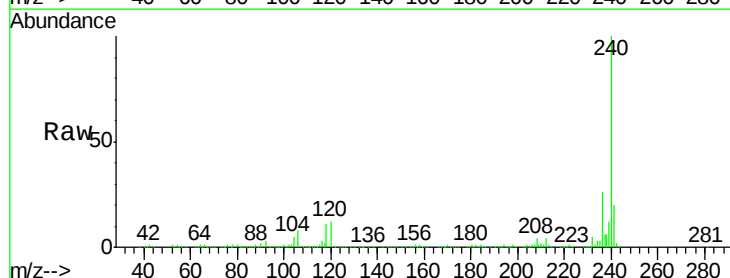


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

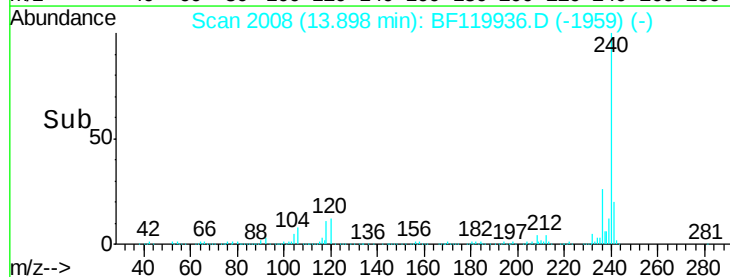
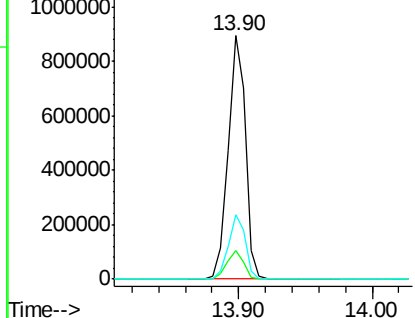


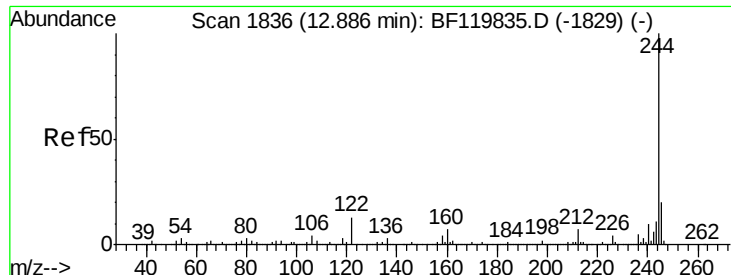
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119936.D
Acq: 14 Apr 2020 5:44

Tgt Ion:240 Resp: 819288
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 26.3 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: 71.793 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119936.D

Acq: 14 Apr 2020 5:44

Instrument :

BNA_F

ClientSampleId :

PB128182BL

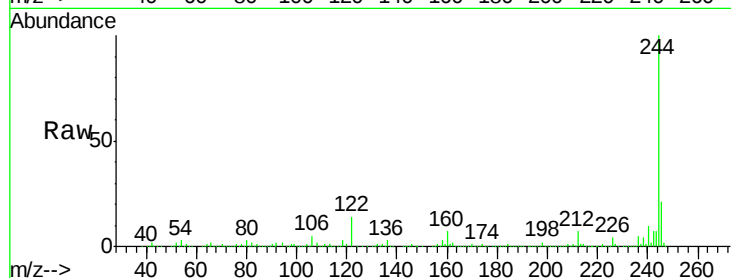
Tot Ion:244 Resp: 3495594

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

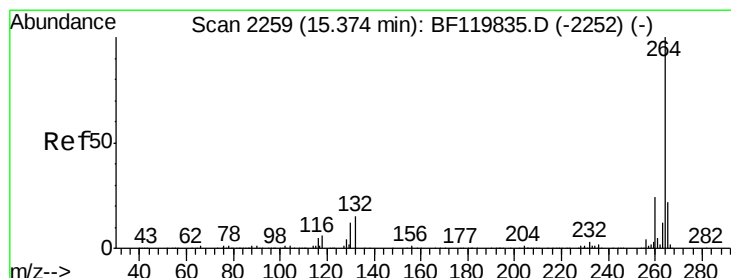
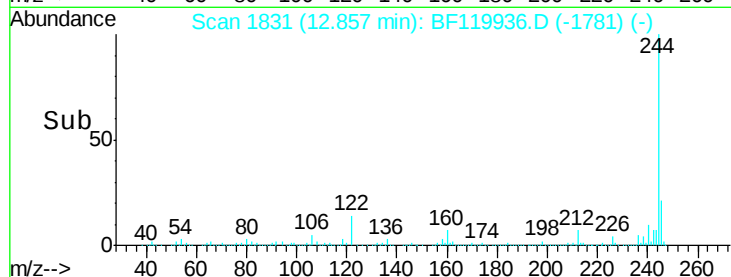
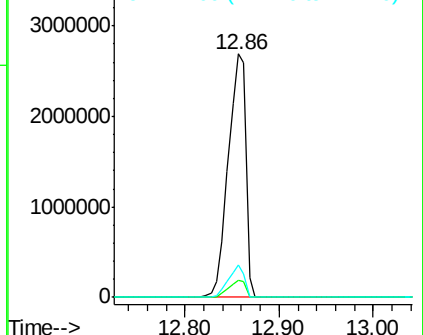
122 13.5 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119936.D

Acq: 14 Apr 2020 5:44

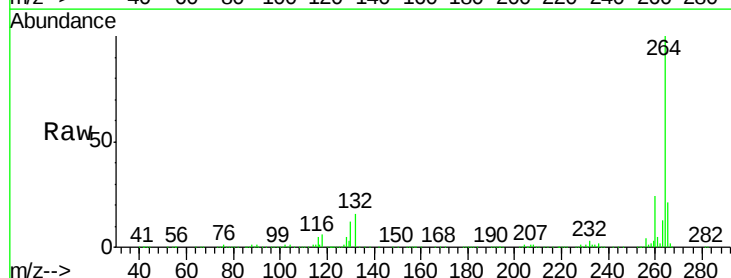
Tgt Ion:264 Resp: 727353

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.3 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

