

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119536.D
 Acq On : 26 Mar 2020 18:23
 Operator : CG/JU
 Sample : PB127833TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127833TB

Quant Time: Mar 26 19:03:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	267541	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1030412	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	550422	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1109538	20.00	ng	0.00
76) Chrysene-d12	14.01	240	912689	20.00	ng	0.00
87) Perylene-d12	15.48	264	886117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2210705	131.54	ng	0.02
7) Phenol-d6	6.46	99	2782288	129.60	ng	0.00
23) Nitrobenzene-d5	7.40	82	1733703	91.44	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	845811	148.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3204238	86.24	ng	0.00
79) Terphenyl-d14	12.96	244	3953269	84.86	ng	0.00

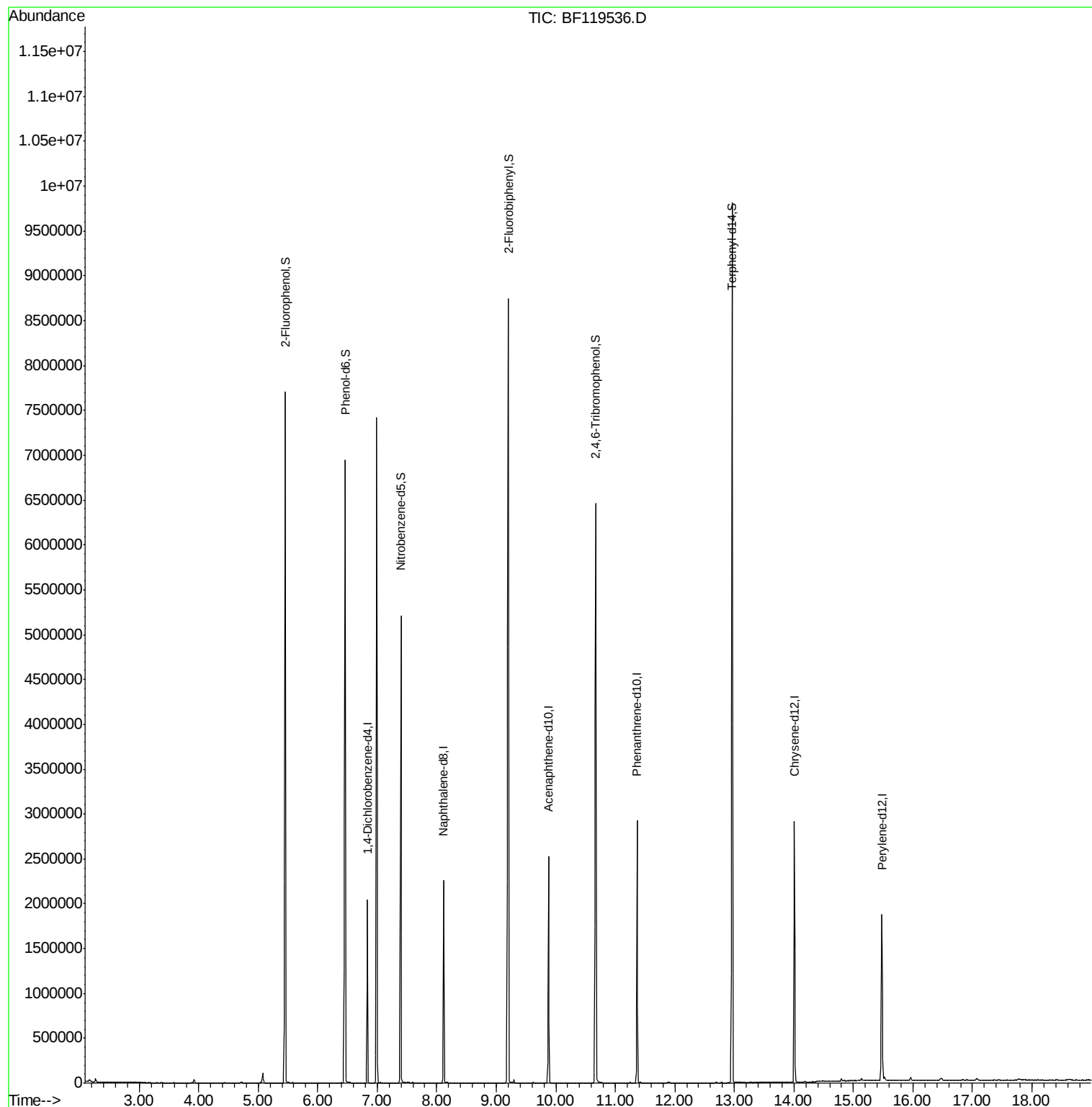
Target Compounds Qvalue

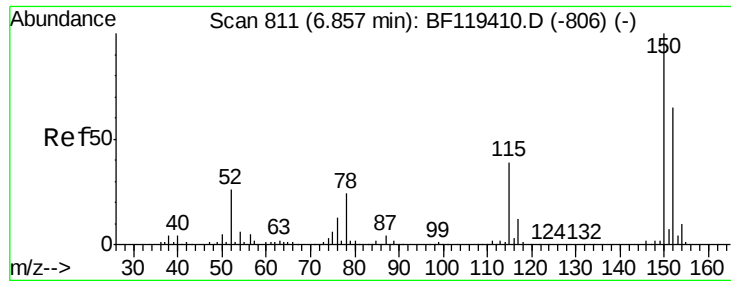
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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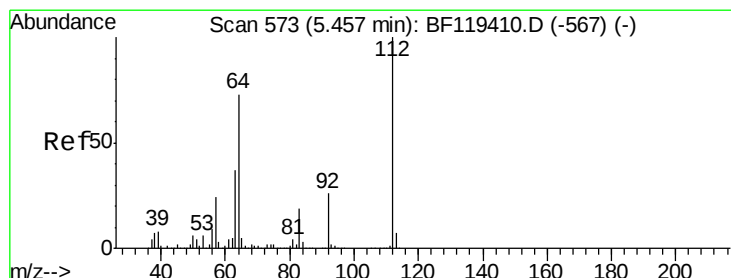
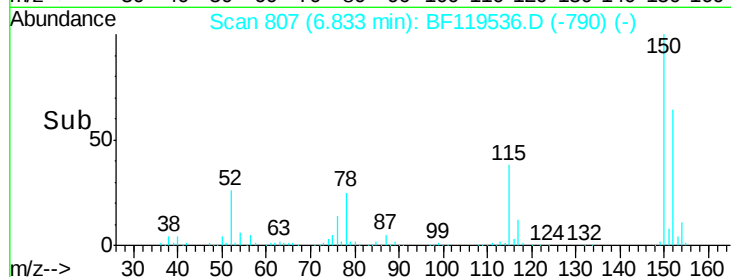
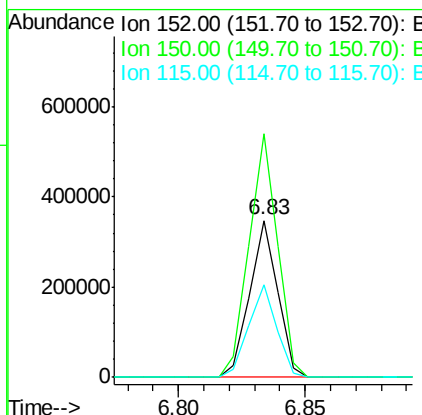
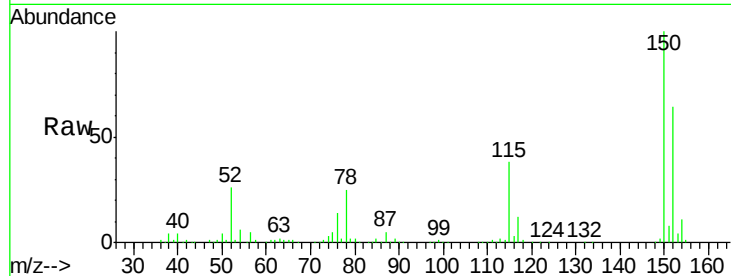


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :
PB127833TB

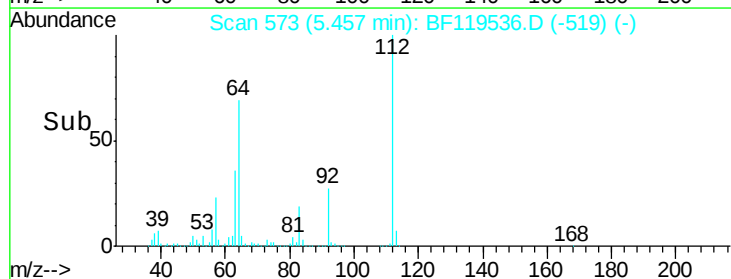
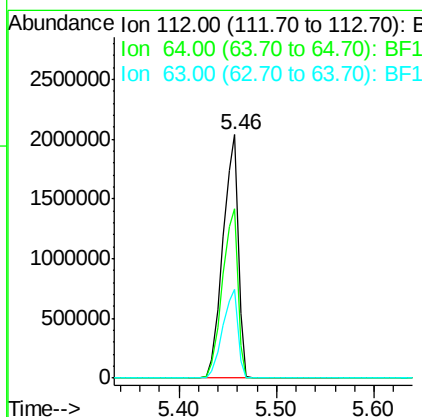
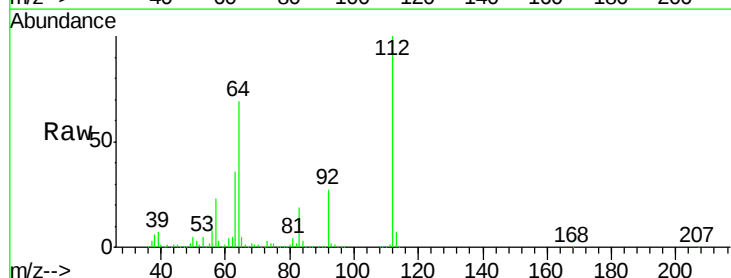
Tot Ion:152 Resp: 267541
Ion Ratio Lower Upper
152 100
150 155.3 123.9 185.9
115 58.7 47.8 71.6

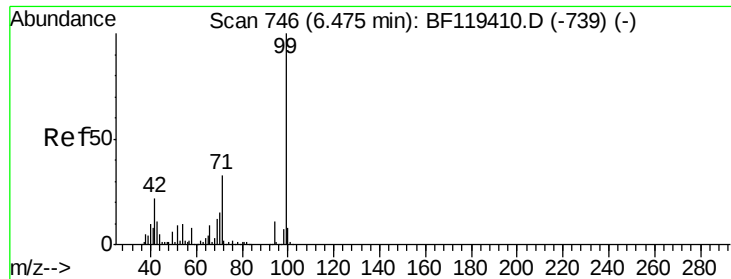


#5

2-Fluorophenol
Concen: 131.540 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

Tgt Ion:112 Resp: 2210705
Ion Ratio Lower Upper
112 100
64 69.3 58.1 87.1
63 36.4 29.7 44.5





#7

Phenol-d6

Concen: 129.596 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

PB127833TB

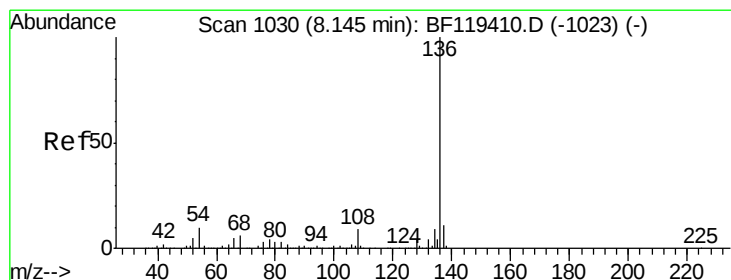
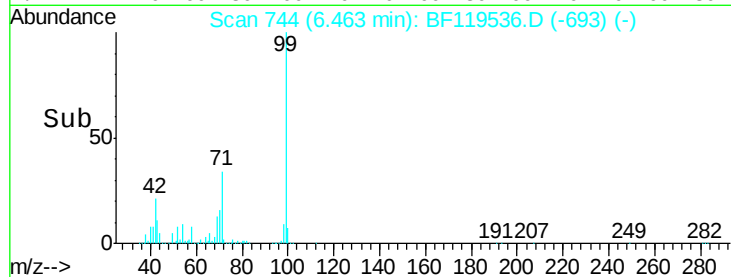
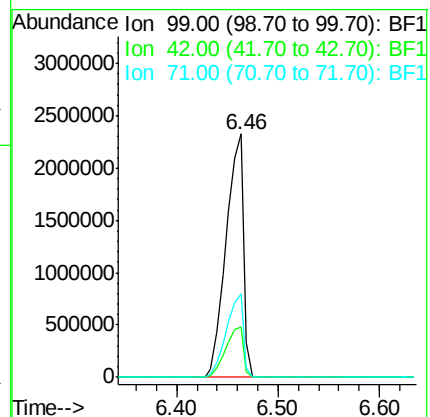
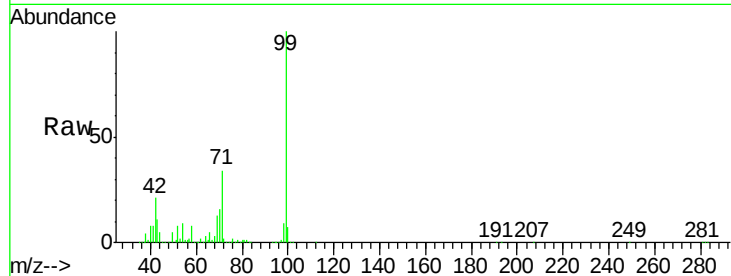
Tot Ion: 99 Resp: 2782288

Ion Ratio Lower Upper

99 100

42 20.7 17.8 26.6

71 34.2 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

Tgt Ion: 136 Resp: 1030412

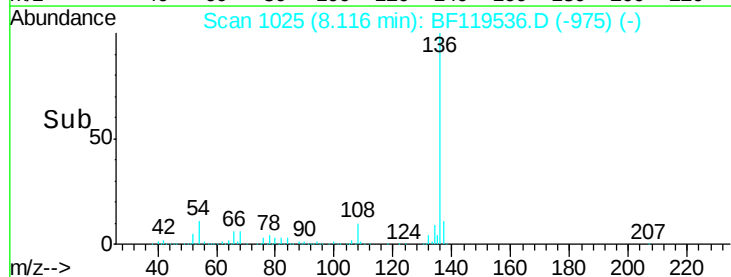
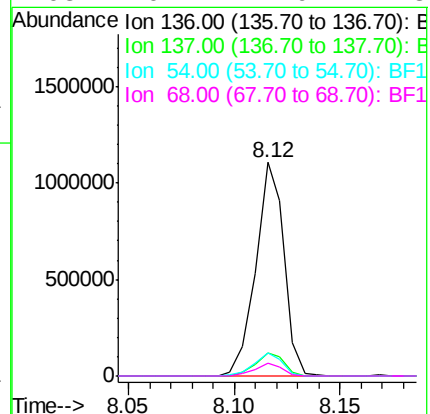
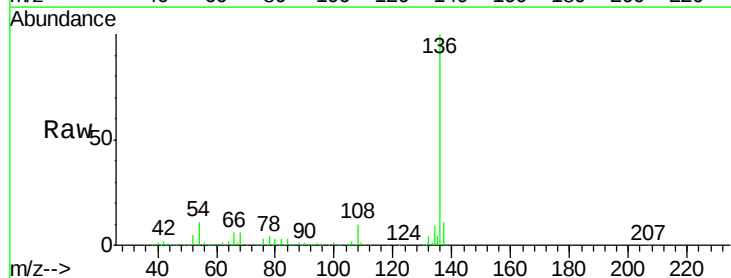
Ion Ratio Lower Upper

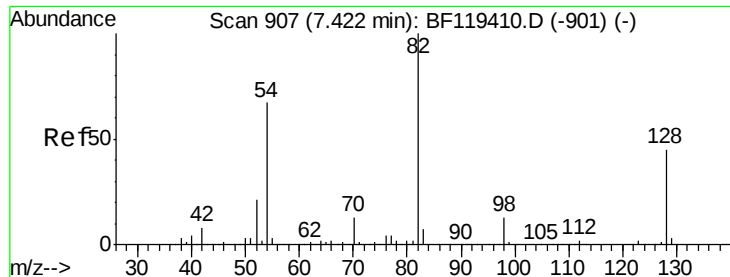
136 100

137 11.0 8.4 12.6

54 10.8 8.3 12.5

68 6.1 4.9 7.3

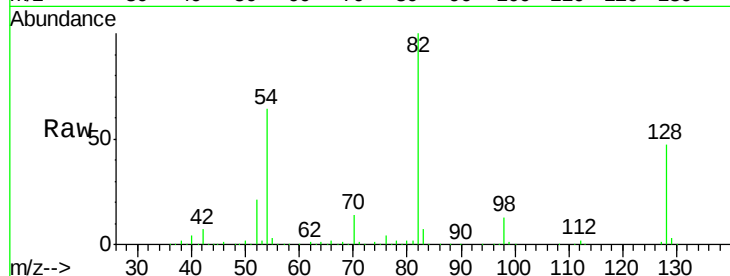




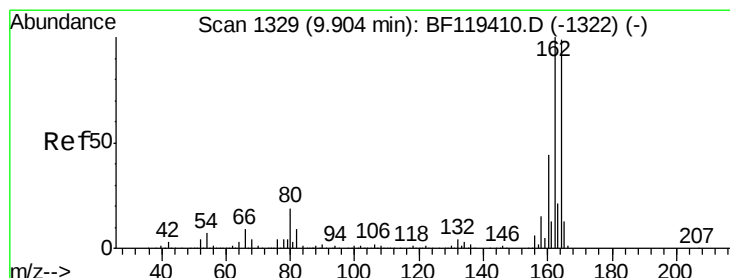
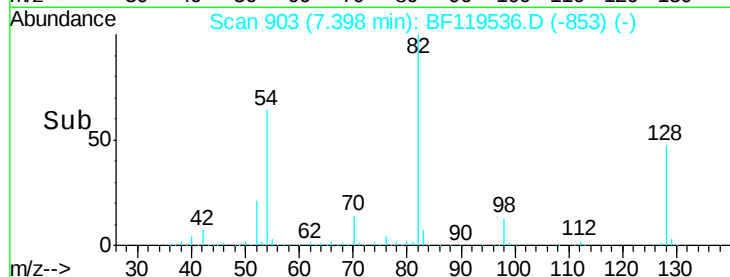
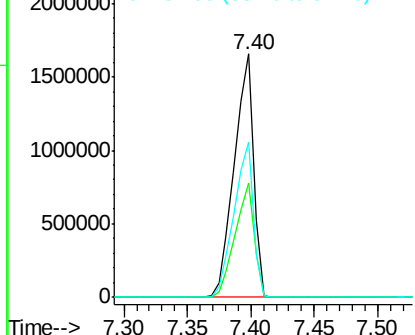
#23
Nitrobenzene-d5
Concen: 91.442 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

Instrument :
BNA_F
ClientSampleId :
PB127833TB

Tot Ion: 82 Resp: 1733703
Ion Ratio Lower Upper
82 100
128 47.0 35.8 53.8
54 64.0 53.4 80.0

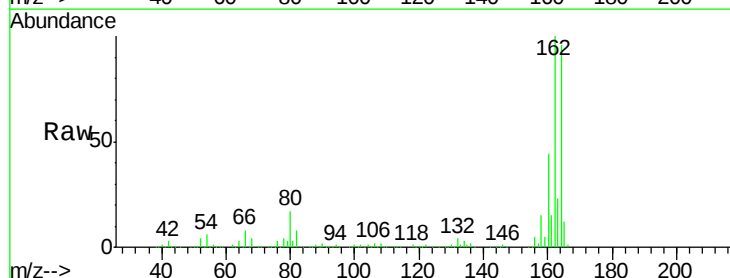


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

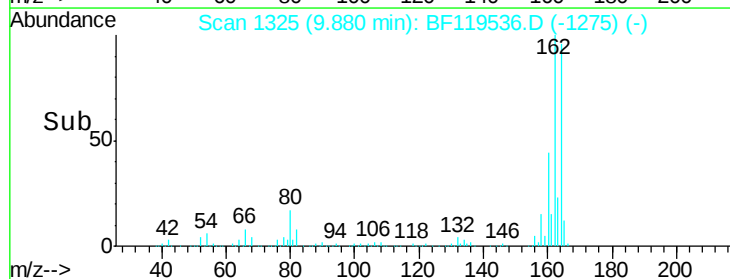
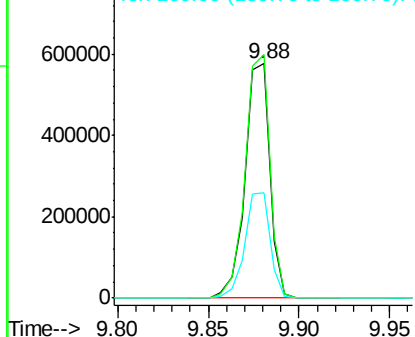


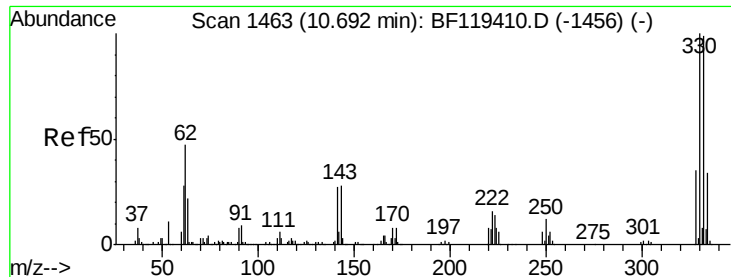
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119536.D
Acq: 26 Mar 2020 18:23

Tgt Ion: 164 Resp: 550422
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 45.2 35.5 53.3



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

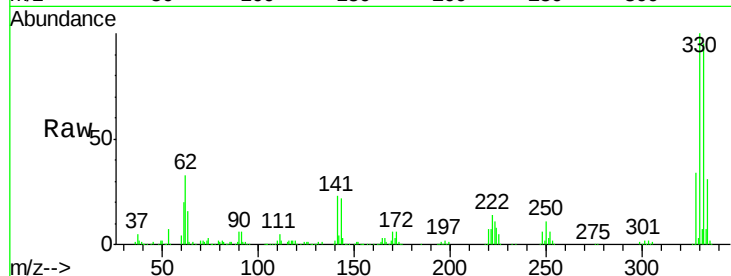




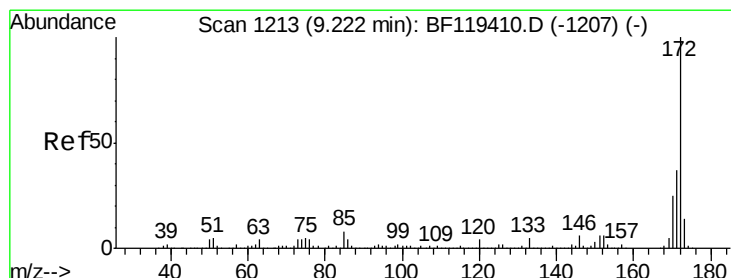
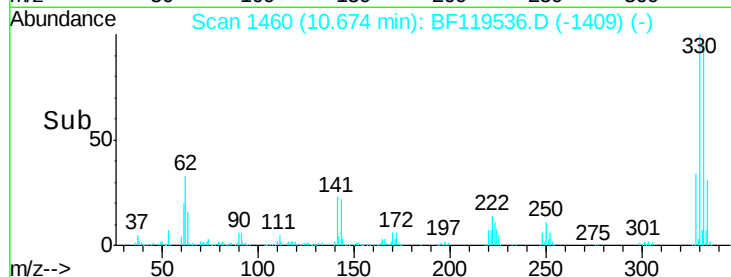
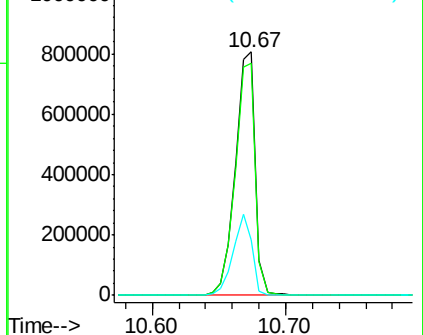
#42
 2,4,6-Tribromophenol
 Concen: 148.949 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF119536.D
 Acq: 26 Mar 2020 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB127833TB

Tot Ion:330 Resp: 845811
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 31.9 26.6 40.0

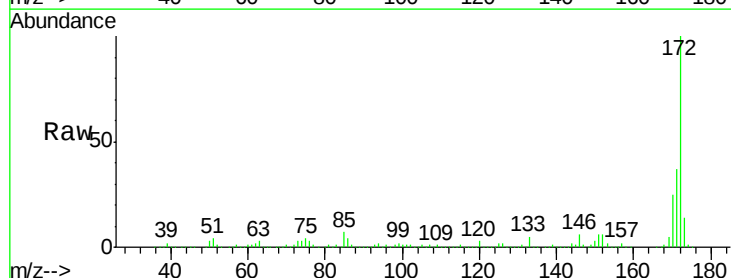


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

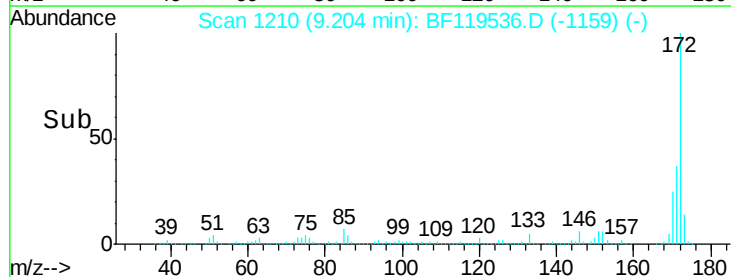
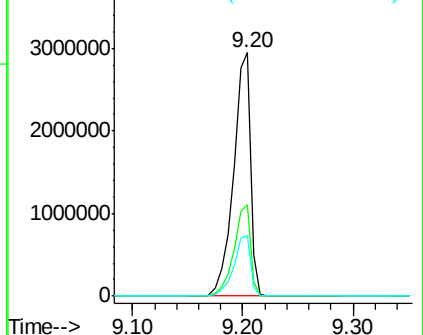


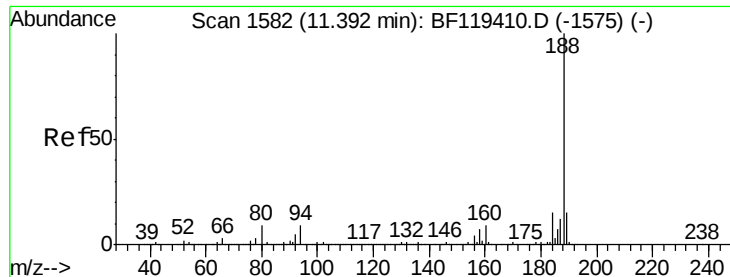
#45
 2-Fluorobiphenyl
 Concen: 86.243 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF119536.D
 Acq: 26 Mar 2020 18:23

Tgt Ion:172 Resp: 3204238
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.9 44.9
 170 25.1 20.1 30.1



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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

Instrument :

BNA_F

ClientSampleId :

PB127833TB

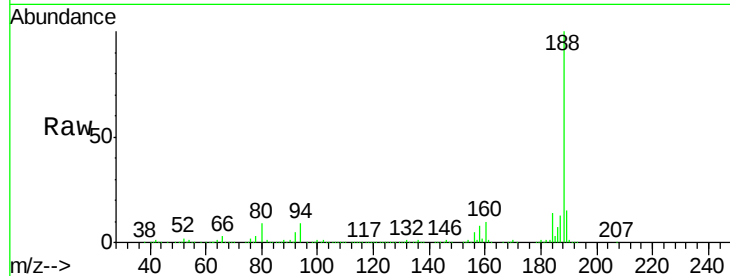
Tot Ion:188 Resp: 1109538

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

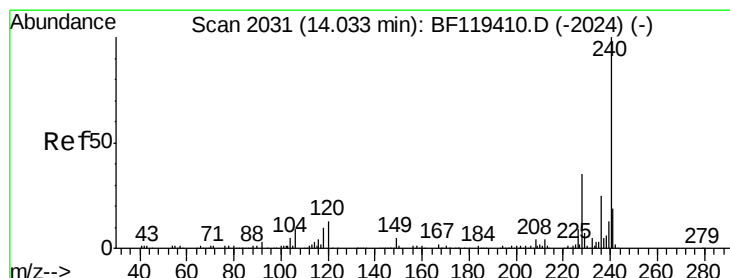
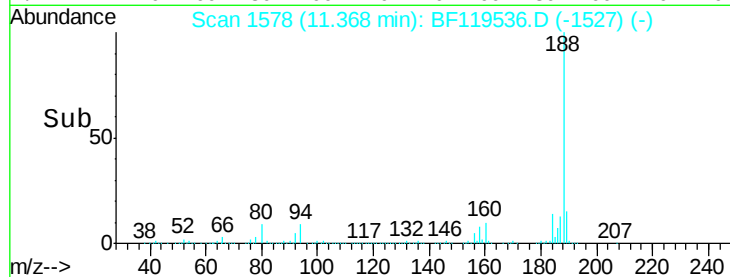
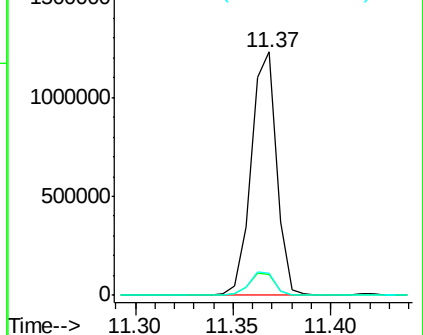
80 9.0 7.5 11.3



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

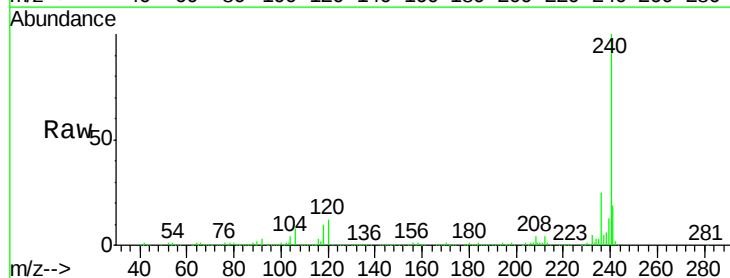
Tgt Ion:240 Resp: 912689

Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.4

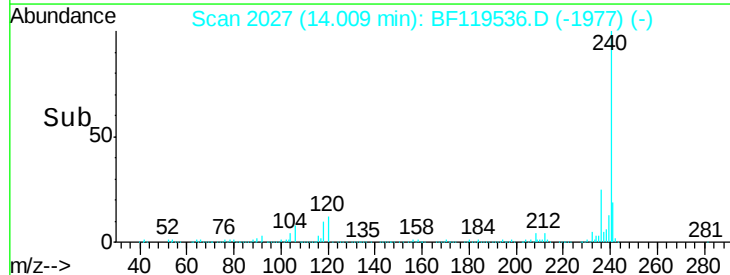
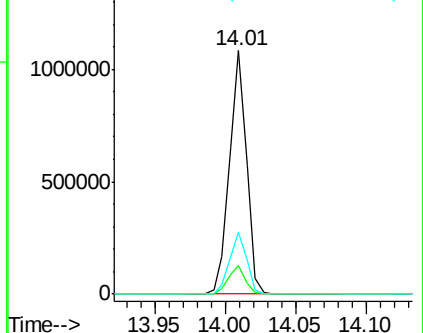
236 25.4 20.4 30.6

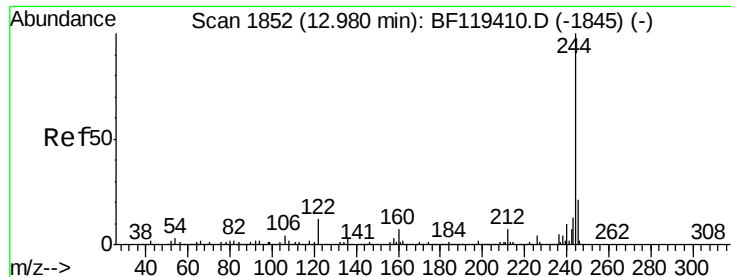


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.862 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

Instrument :

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PB127833TB

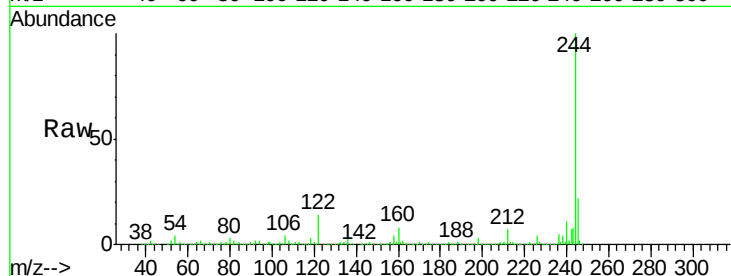
Tot Ion:244 Resp: 3953269

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

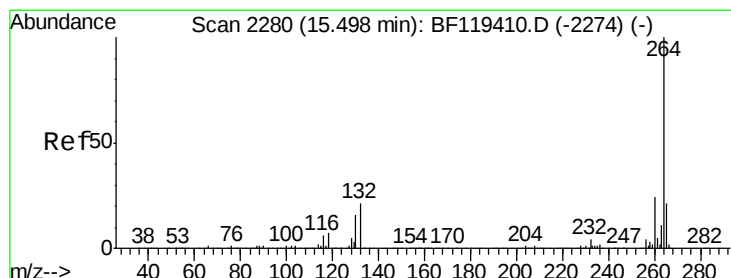
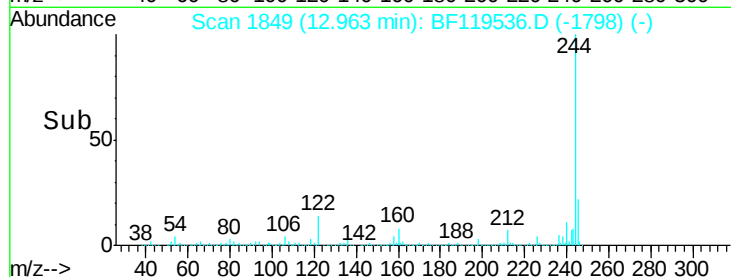
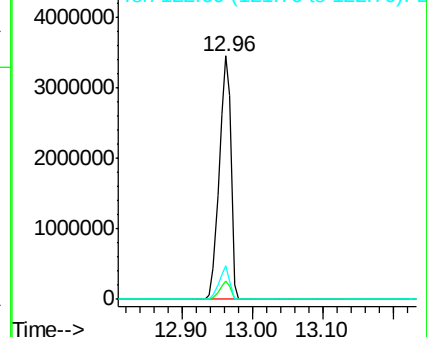
122 13.7 9.8 14.8



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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF119536.D

Acq: 26 Mar 2020 18:23

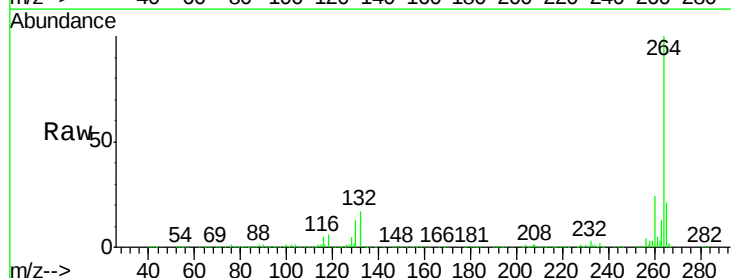
Tgt Ion:264 Resp: 886117

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 16.9 25.3



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

