

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119507.D
 Acq On : 25 Mar 2020 16:16
 Operator : CG/JU
 Sample : PB127810TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127810TB

Quant Time: Mar 25 17:43:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 14:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	373823	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1433994	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	765321	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1521524	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1137405	20.00	ng	-0.01
87) Perylene-d12	15.48	264	898783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2791883	118.89	ng	0.02
7) Phenol-d6	6.47	99	3519553	117.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	2325283	88.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	1135026	143.76	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	4323894	83.70	ng	0.00
79) Terphenyl-d14	12.97	244	4956372	85.37	ng	0.00

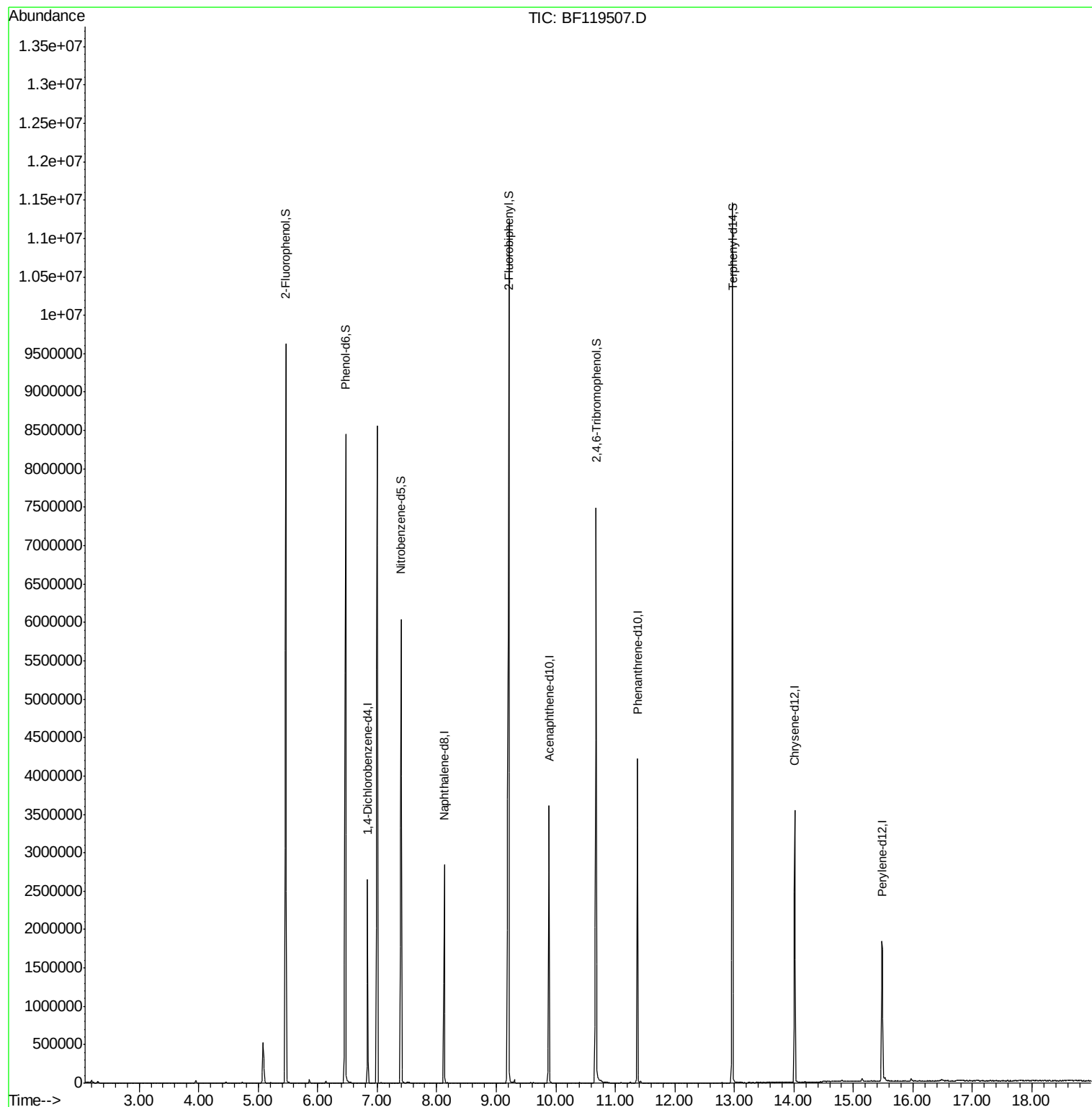
Target Compounds Qvalue

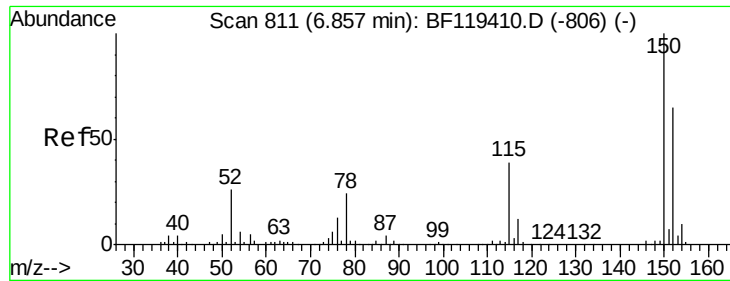
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119507.D
Acq On : 25 Mar 2020 16:16
Operator : CG/JU
Sample : PB127810TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127810TB

Quant Time: Mar 25 17:43:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 14:07:20 2020
Response via : Initial Calibration



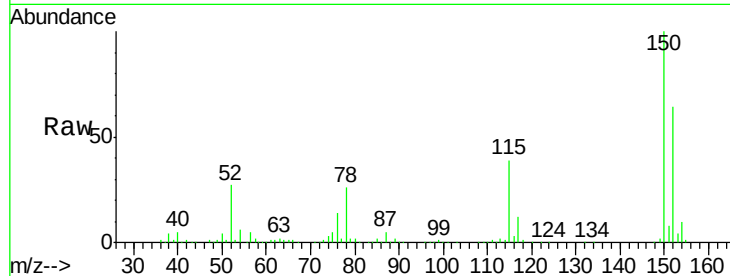


#1

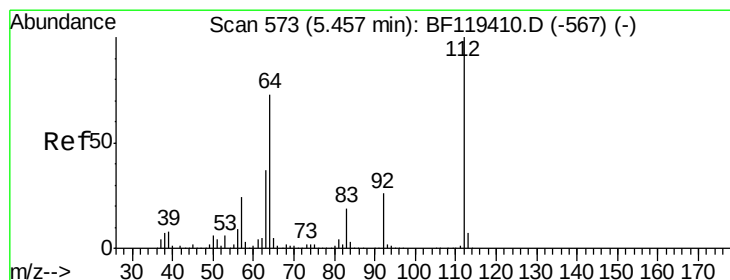
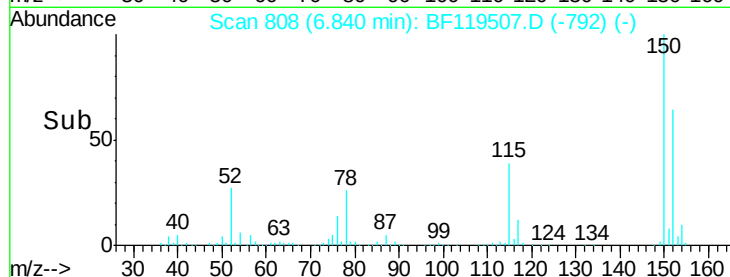
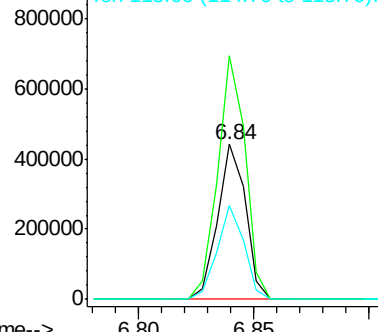
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

Instrument :
BNA_F
ClientSampleId :
PB127810TB

Tot Ion:152 Resp: 373823
Ion Ratio Lower Upper
152 100
150 156.9 123.9 185.9
115 60.4 47.8 71.6



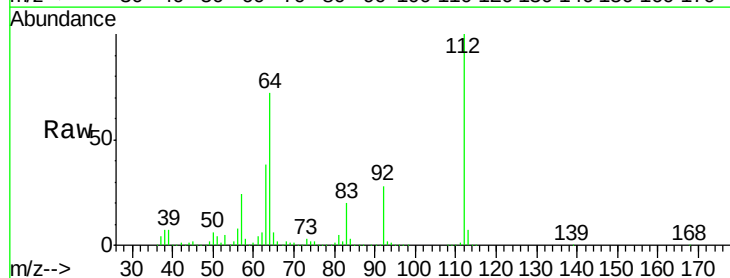
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



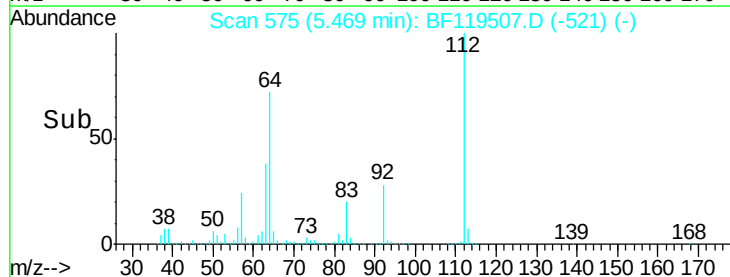
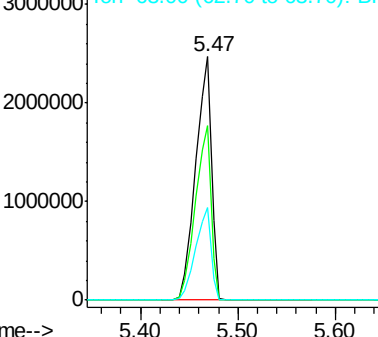
#5

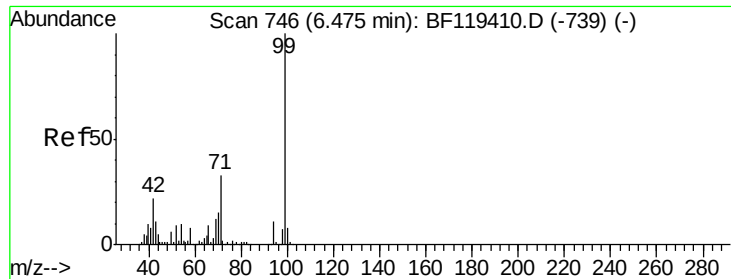
2-Fluorophenol
Concen: 118.891 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

Tgt Ion:112 Resp: 2791883
Ion Ratio Lower Upper
112 100
64 71.9 58.1 87.1
63 38.2 29.7 44.5



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: 117.328 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Instrument :

BNA_F

ClientSampleId :

PB127810TB

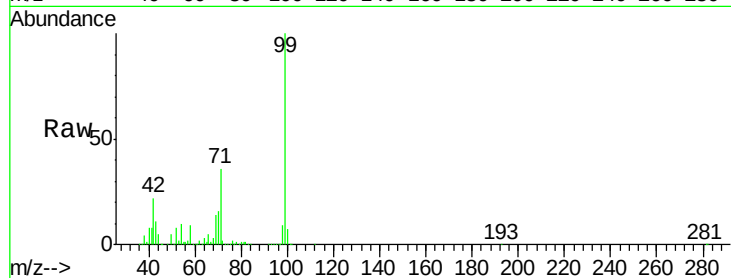
Tot Ion: 99 Resp: 3519553

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

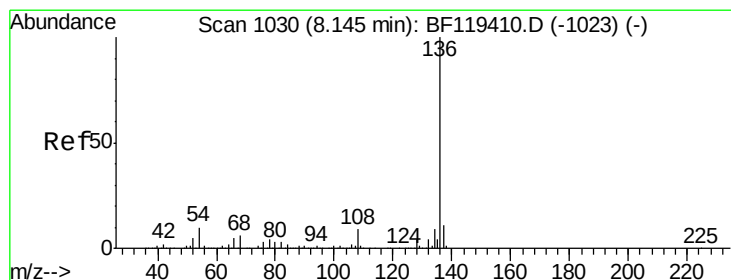
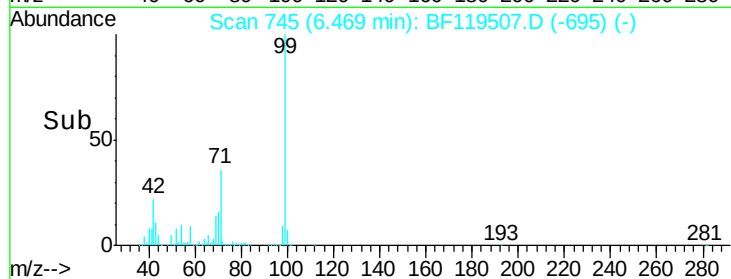
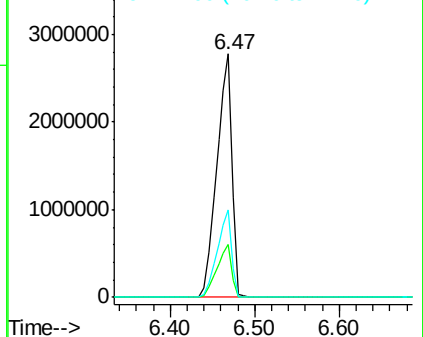
71 35.8 26.0 39.0



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Tgt Ion: 136 Resp: 1433994

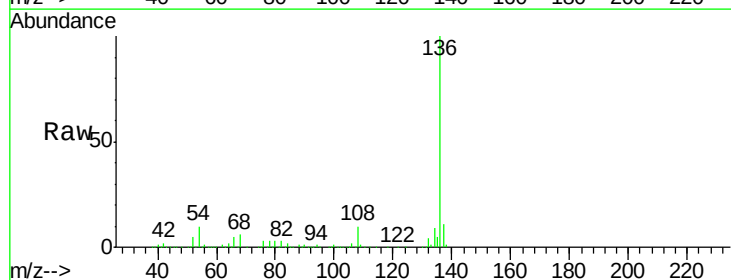
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.0 8.3 12.5

68 5.6 4.9 7.3

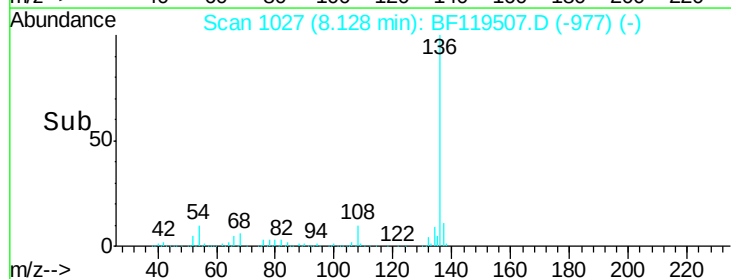
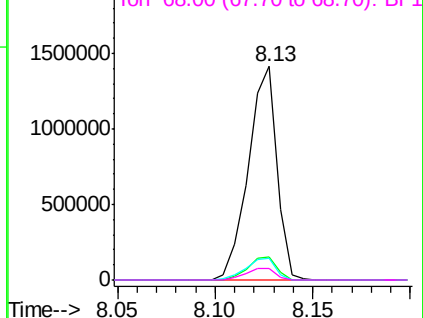


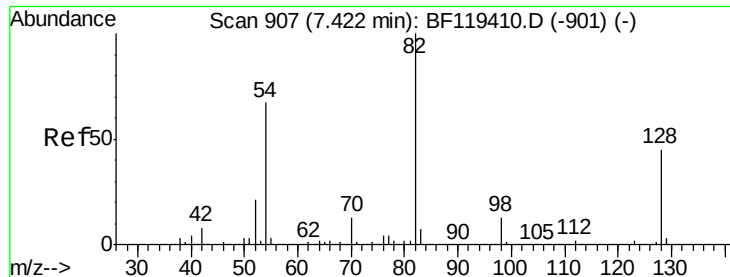
Abundance Ion 136.00 (135.70 to 136.70): E

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

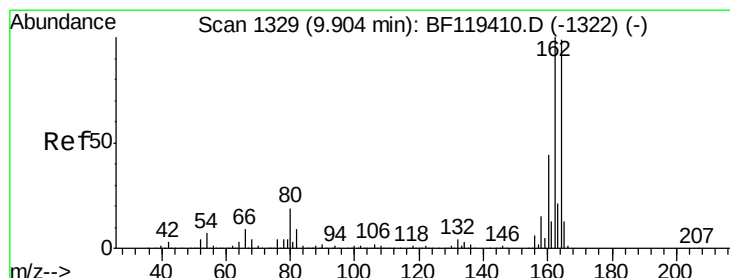
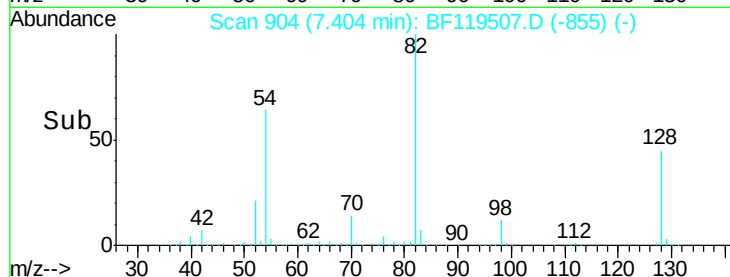
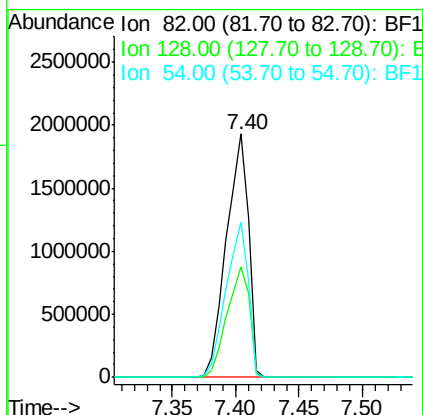
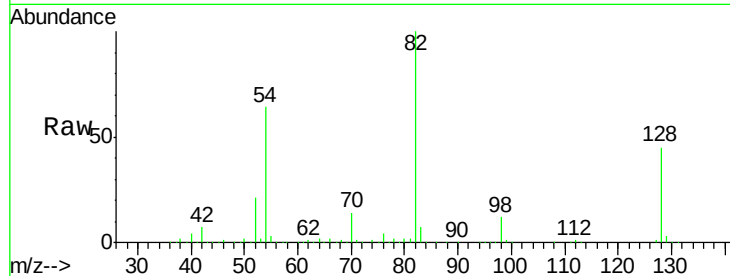




#23
Nitrobenzene-d5
Concen: 88.127 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

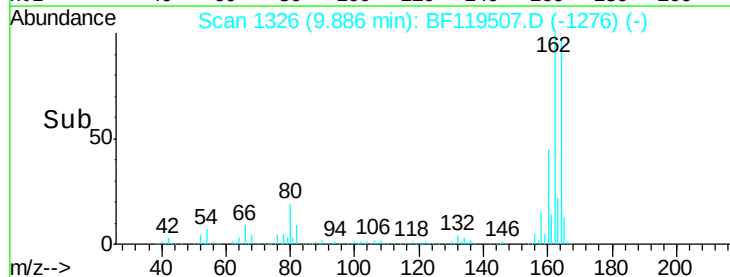
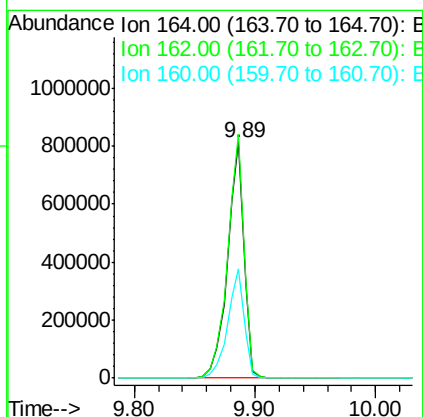
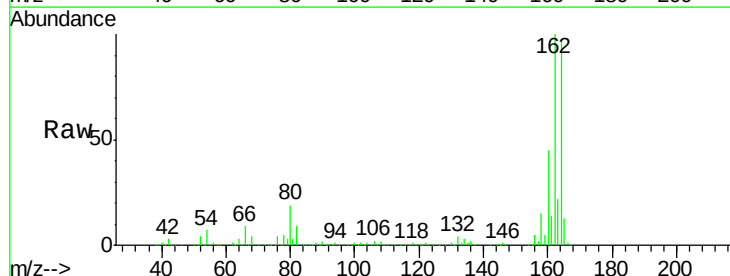
Instrument :
BNA_F
ClientSampleId :
PB127810TB

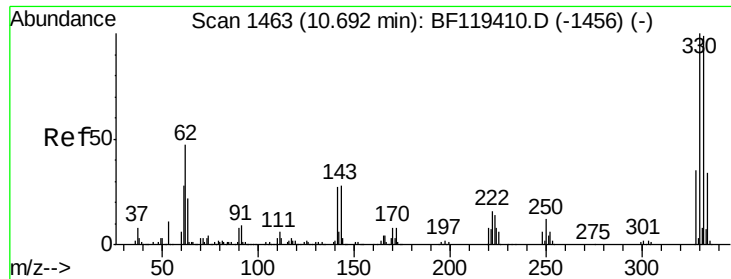
Tot Ion: 82 Resp: 2325283
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.8
54 63.8 53.4 80.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

Tgt Ion: 164 Resp: 765321
Ion Ratio Lower Upper
164 100
162 103.3 80.7 121.1
160 46.3 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 143.755 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Instrument :

BNA_F

ClientSampleId :

PB127810TB

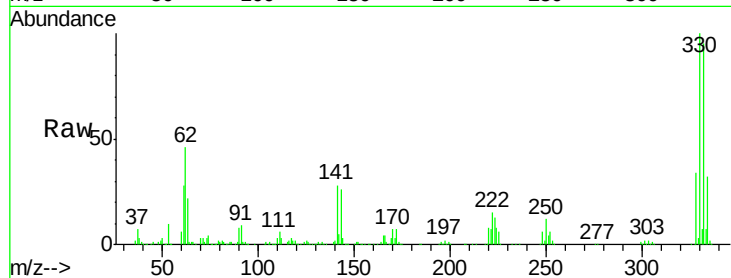
Tot Ion:330 Resp: 1135026

Ion Ratio Lower Upper

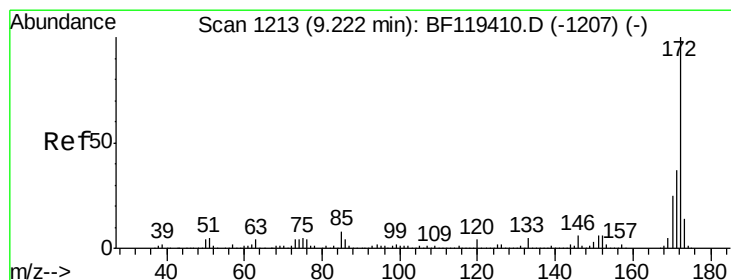
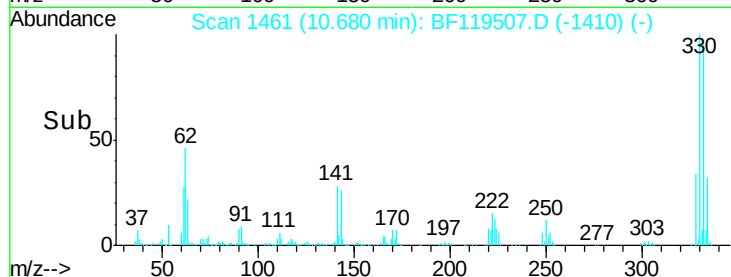
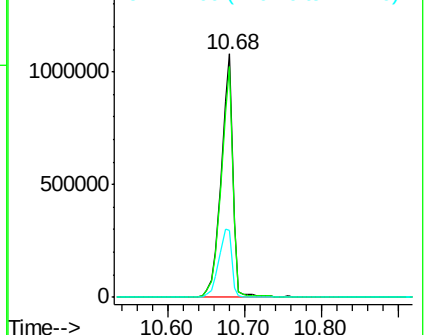
330 100

332 95.5 77.6 116.4

141 31.6 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: 83.700 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

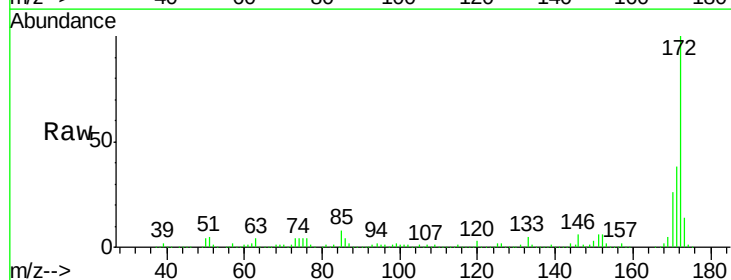
Tgt Ion:172 Resp: 4323894

Ion Ratio Lower Upper

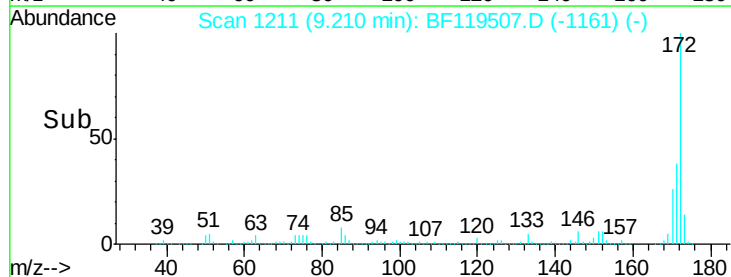
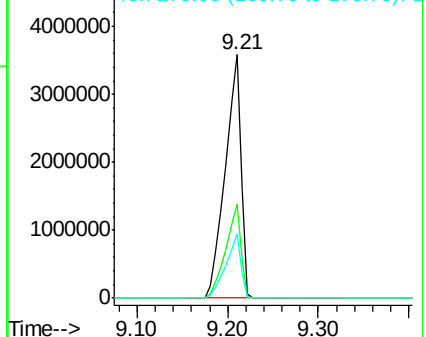
172 100

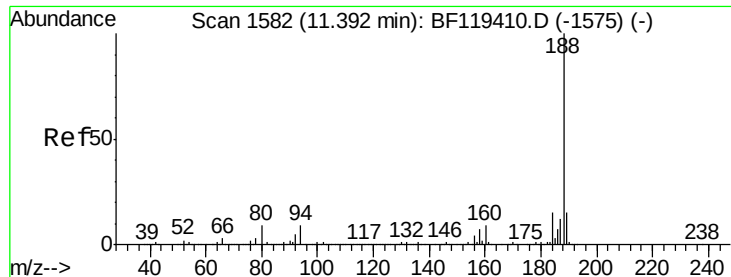
171 38.4 29.9 44.9

170 26.3 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

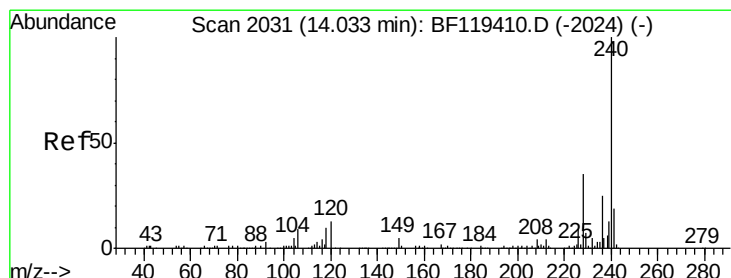
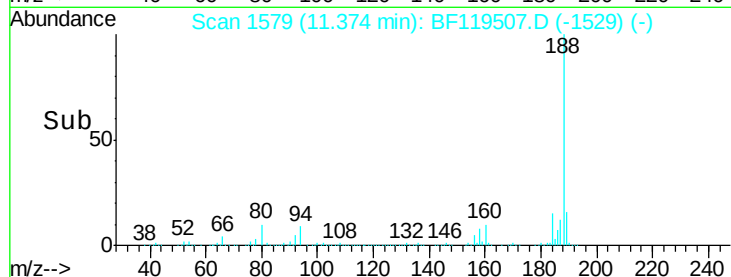
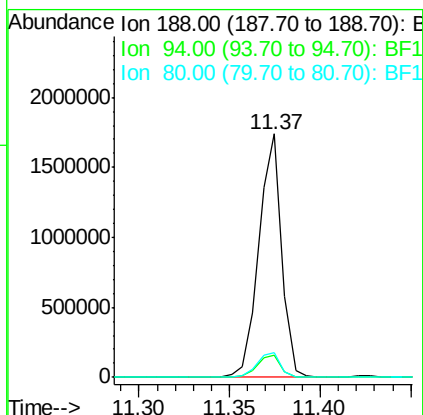
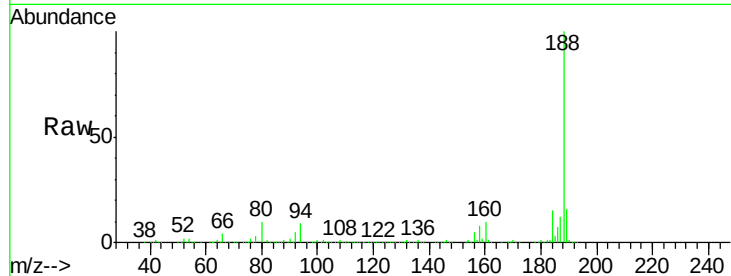




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

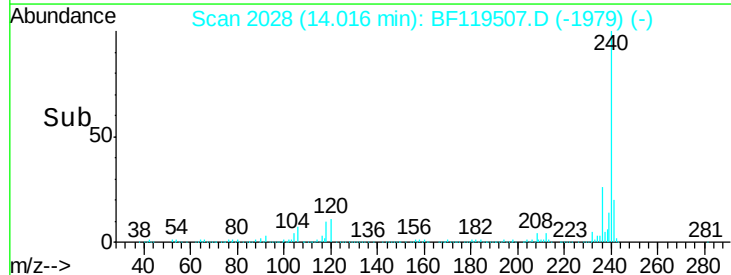
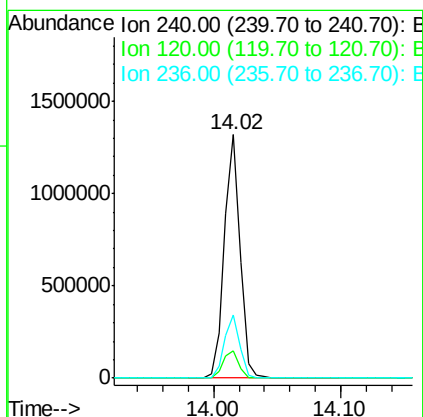
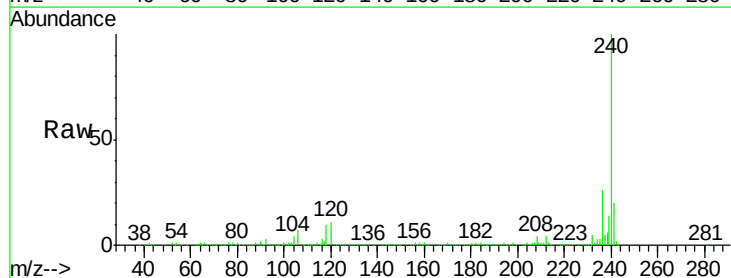
Instrument :
BNA_F
ClientSampleId :
PB127810TB

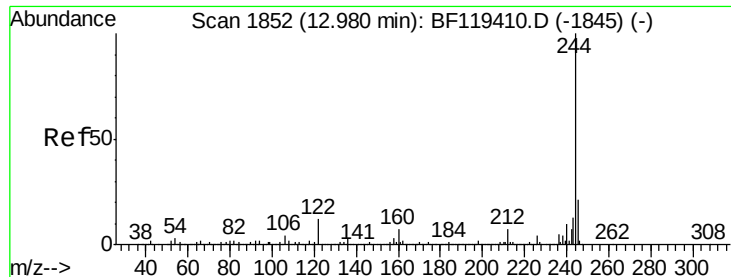
Tot Ion:188 Resp: 1521524
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

Tgt Ion:240 Resp: 1137405
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 85.375 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Instrument :

BNA_F

ClientSampleId :

PB127810TB

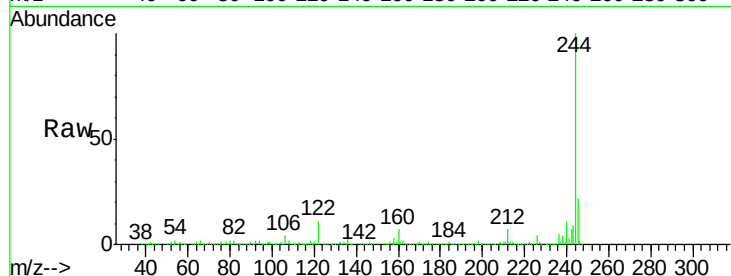
Tot Ion:244 Resp: 4956372

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

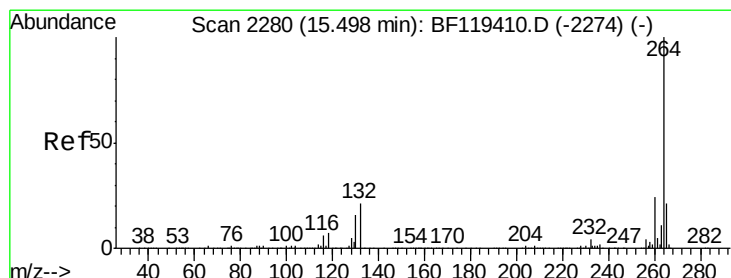
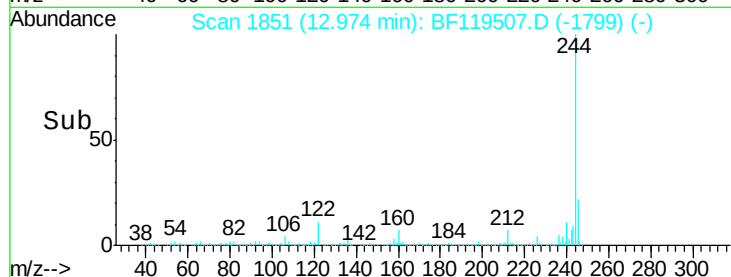
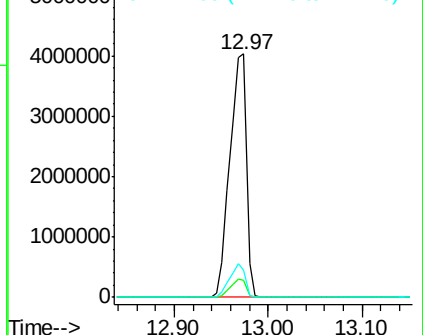
122 11.5 9.8 14.8



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. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

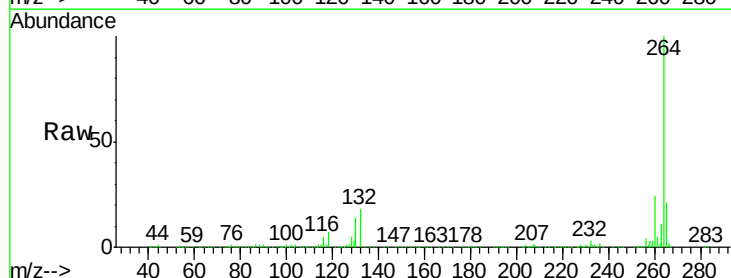
Tgt Ion:264 Resp: 898783

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.3 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

