

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119666.D
 Acq On : 1 Apr 2020 11:27
 Operator : MA/SJ
 Sample : PB127920BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BL

Quant Time: Apr 01 12:05:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	265629	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	990543	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	523858	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1024799	20.00	ng	0.00
76) Chrysene-d12	13.99	240	870087	20.00	ng	-0.01
87) Perylene-d12	15.45	264	916839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2133327	127.85	ng	0.02
7) Phenol-d6	6.45	99	2668634	125.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	1694925	93.00	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	792445	146.63	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3034090	85.80	ng	0.00
79) Terphenyl-d14	12.94	244	3611840	81.33	ng	0.00

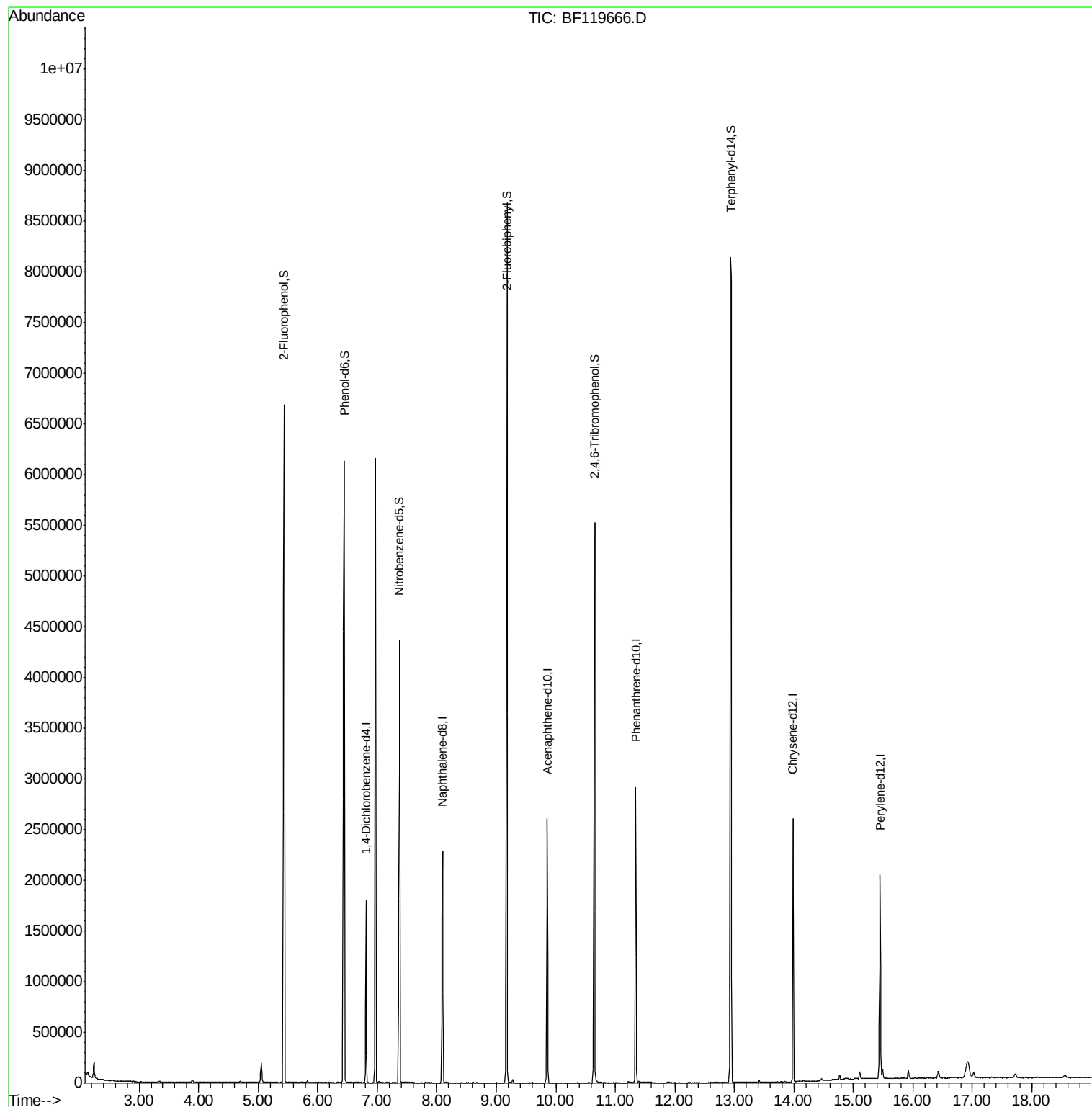
Target Compounds Qvalue

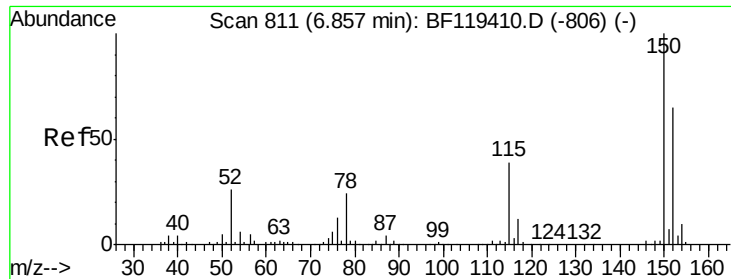
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119666.D
Acq On : 1 Apr 2020 11:27
Operator : MA/SJ
Sample : PB127920BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127920BL

Quant Time: Apr 01 12:05:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

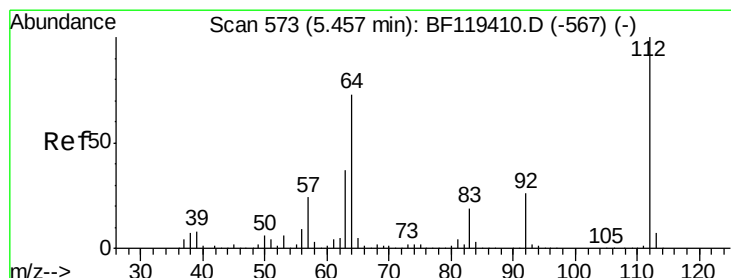
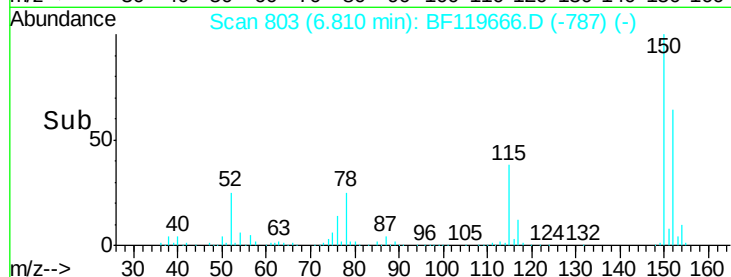
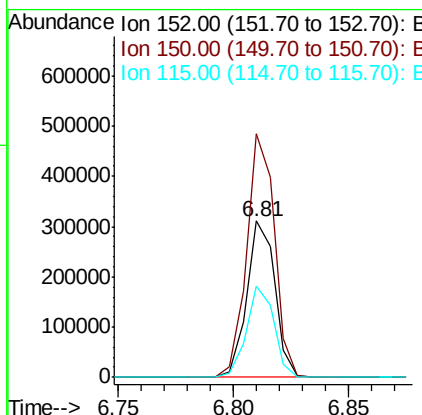
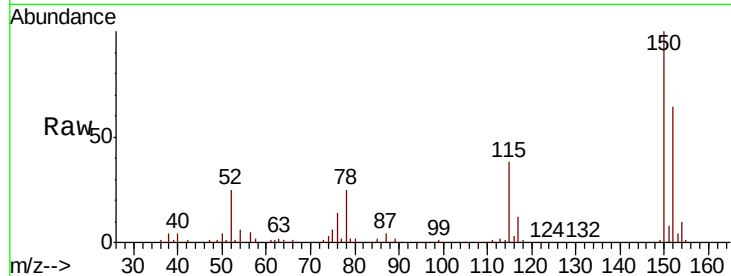




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119666.D
 Acq: 1 Apr 2020 11:27

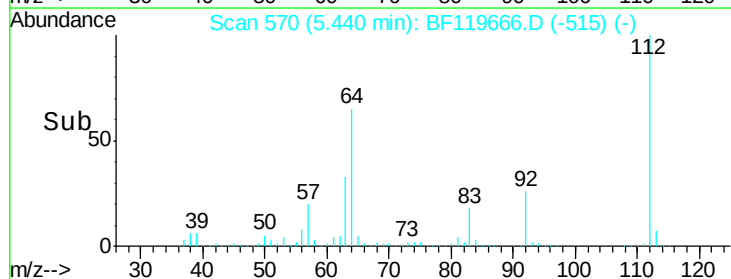
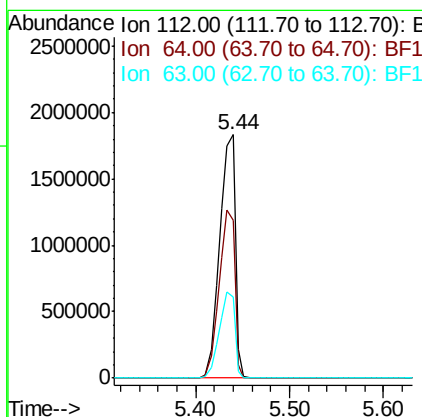
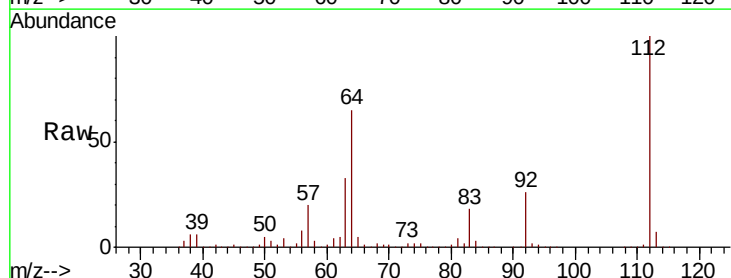
Instrument :
 BNA_F
 ClientSampleId :
 PB127920BL

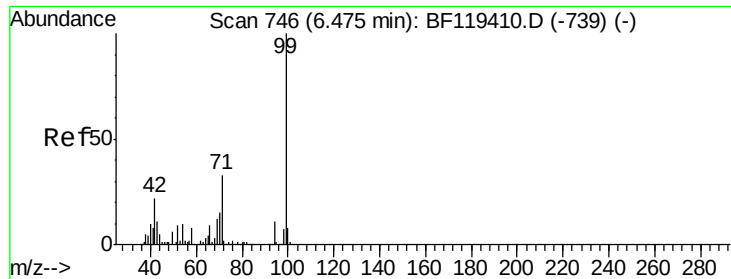
Tot Ion:152 Resp: 265629
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.5 186.7
 115 58.5 49.6 74.4



#5
 2-Fluorophenol
 Concen: 127.850 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF119666.D
 Acq: 1 Apr 2020 11:27

Tgt Ion:112 Resp: 2133327
 Ion Ratio Lower Upper
 112 100
 64 64.9 56.7 85.1
 63 33.4 29.5 44.3





#7

Phenol-d6

Concen: 125.197 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Instrument :

BNA_F

ClientSampleId :

PB127920BL

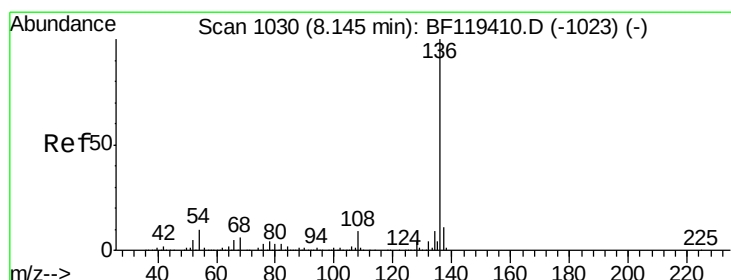
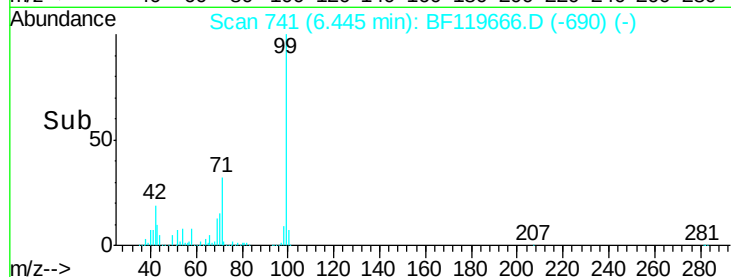
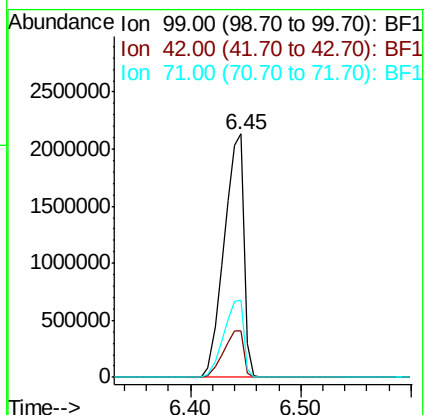
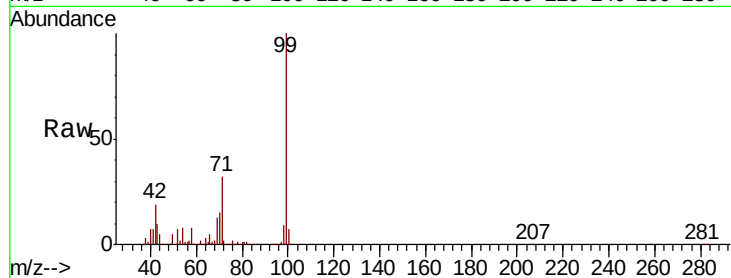
Tot Ion: 99 Resp: 2668634

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

71 31.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Tgt Ion: 136 Resp: 990543

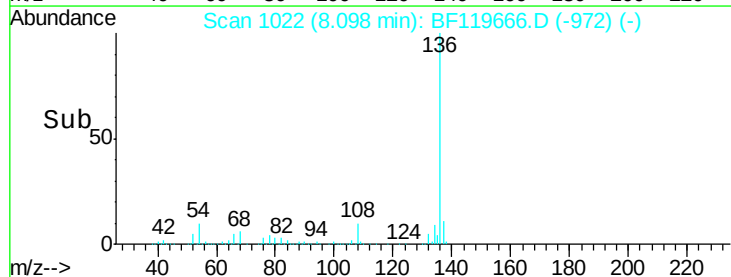
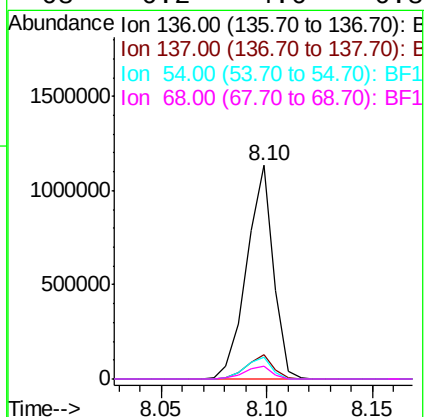
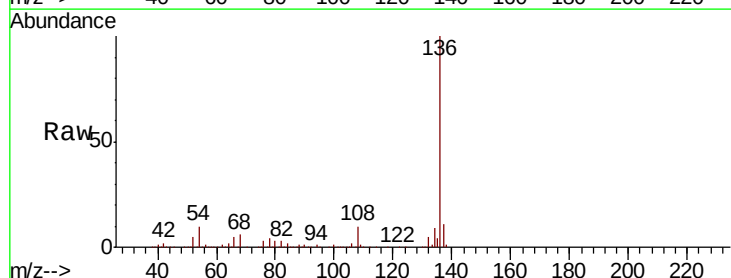
Ion Ratio Lower Upper

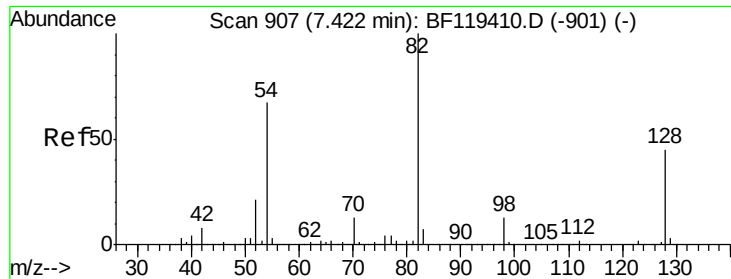
136 100

137 11.2 8.7 13.1

54 10.2 9.1 13.7

68 6.2 4.6 6.8

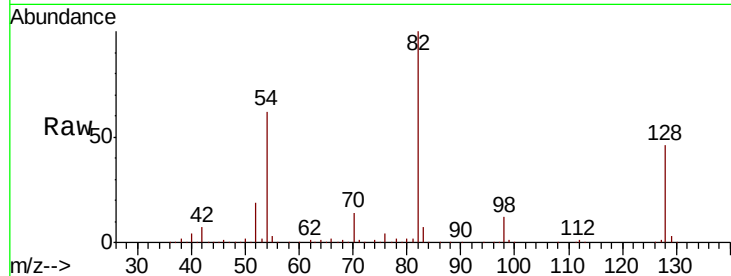




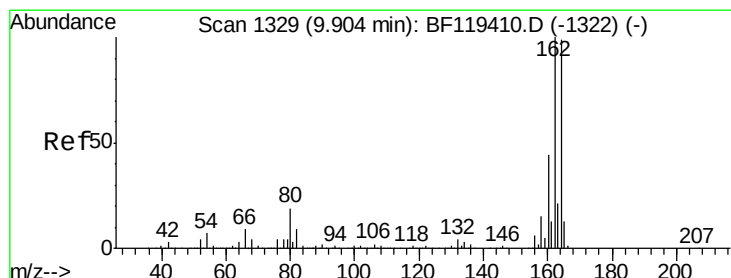
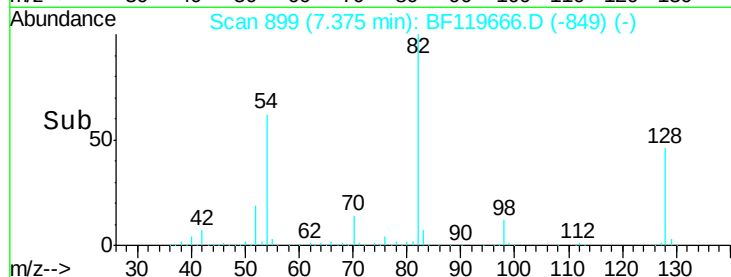
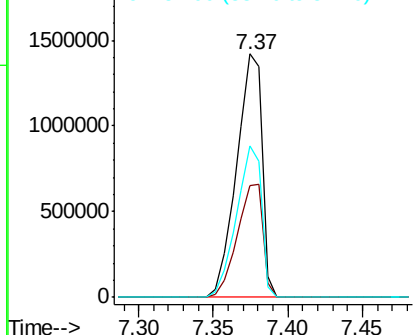
#23
 Nitrobenzene-d5
 Concen: 92.995 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119666.D
 Acq: 1 Apr 2020 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BL

Tot Ion: 82 Resp: 1694925
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.3 54.5
 54 62.3 50.6 75.8

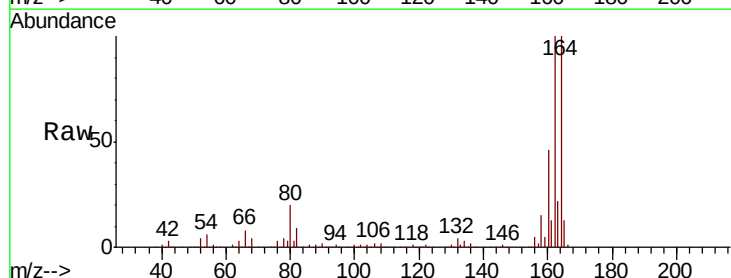


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

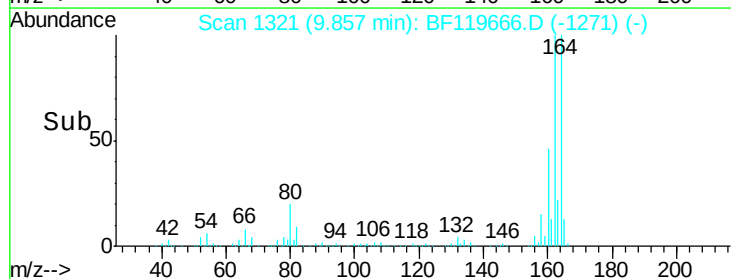
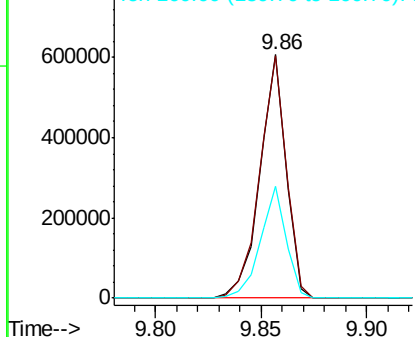


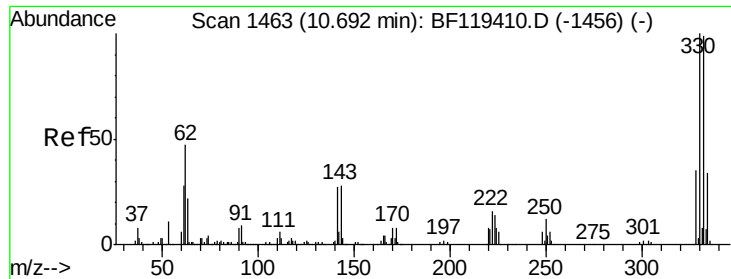
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119666.D
 Acq: 1 Apr 2020 11:27

Tgt Ion:164 Resp: 523858
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.6 121.0
 160 45.8 35.7 53.5



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: 146.628 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Instrument :

BNA_F

ClientSampleId :

PB127920BL

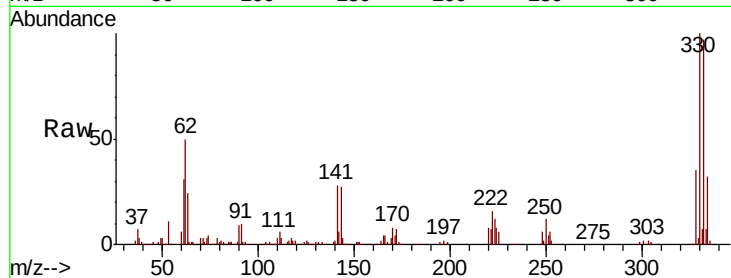
Tot Ion:330 Resp: 792445

Ion Ratio Lower Upper

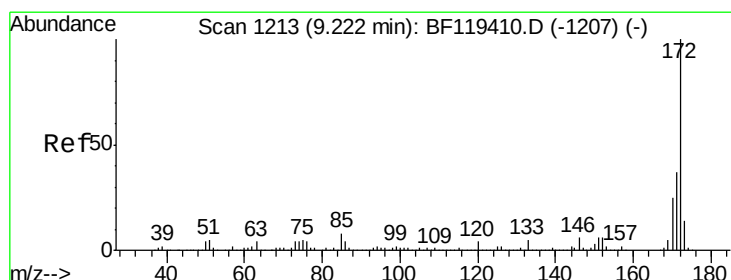
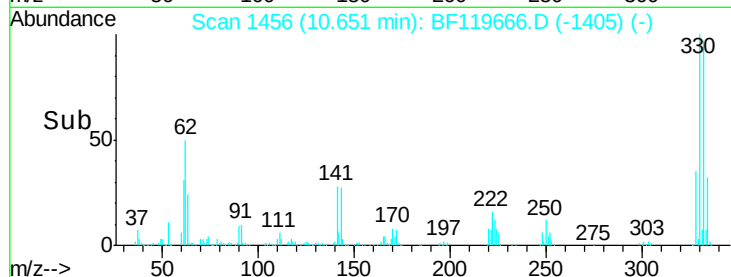
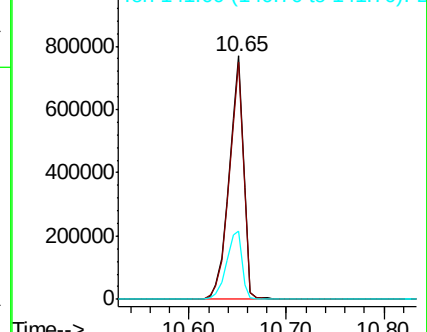
330 100

332 97.0 75.7 113.5

141 30.3 25.4 38.0



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: 85.804 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

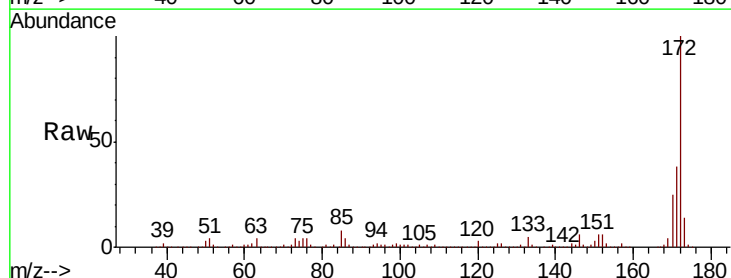
Tgt Ion:172 Resp: 3034090

Ion Ratio Lower Upper

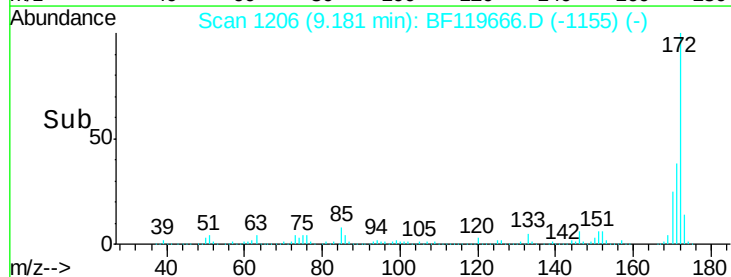
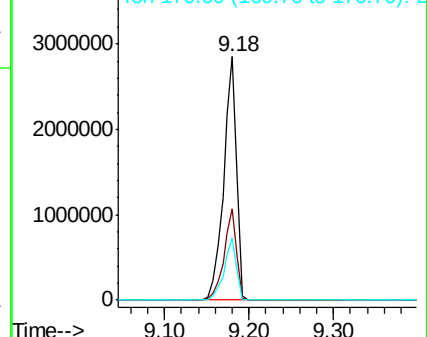
172 100

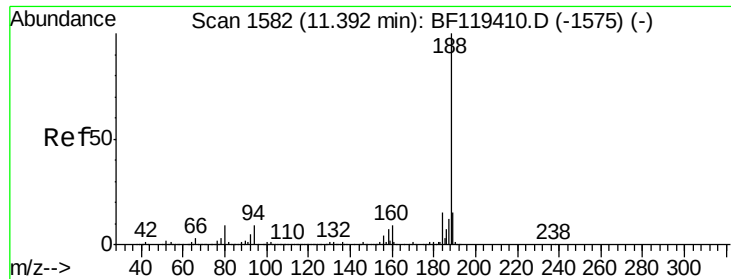
171 37.7 29.6 44.4

170 25.4 20.2 30.2



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

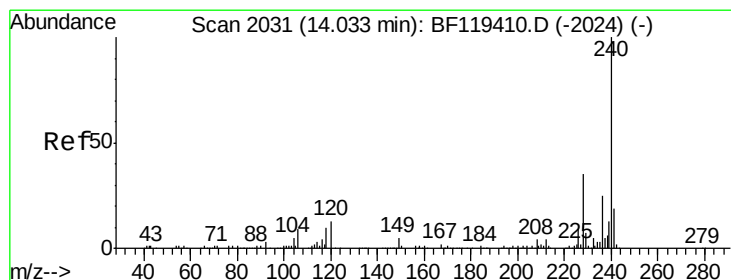
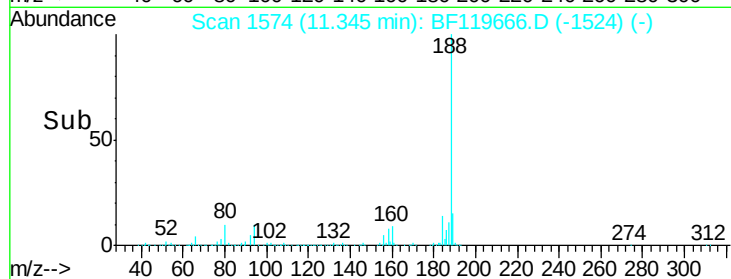
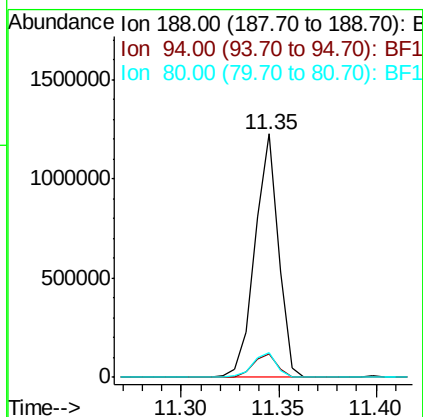
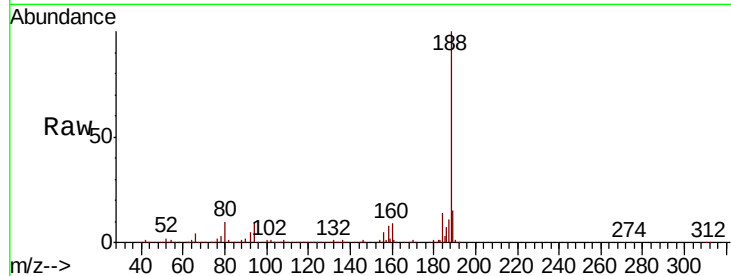




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

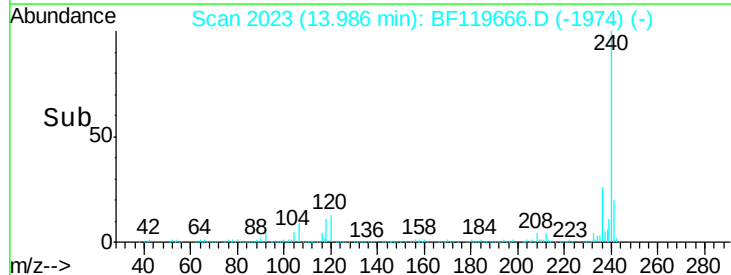
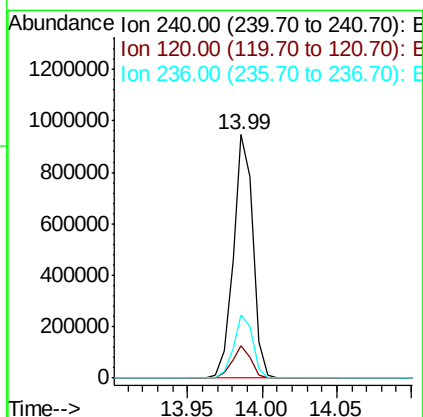
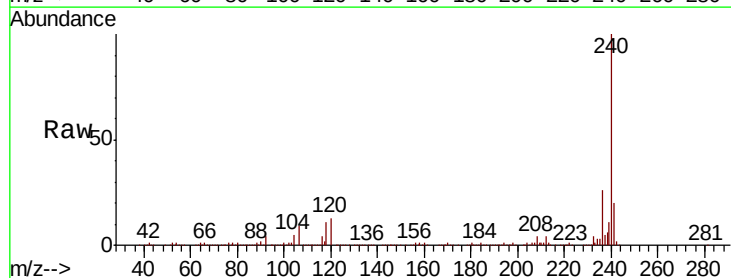
Instrument :
BNA_F
ClientSampleId :
PB127920BL

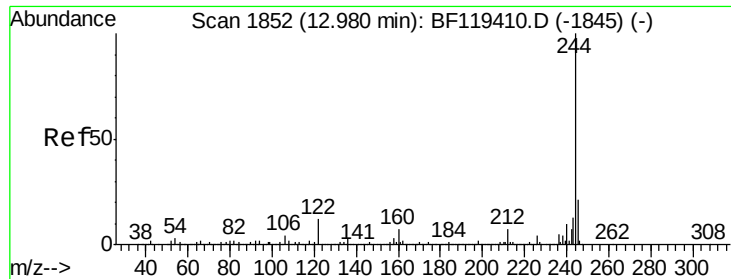
Tot Ion:188 Resp: 1024799
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

Tgt Ion:240 Resp: 870087
Ion Ratio Lower Upper
240 100
120 13.2 10.6 15.8
236 25.9 20.2 30.2





#79

Terphenyl-d14

Concen: 81.329 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Instrument :

BNA_F

ClientSampleId :

PB127920BL

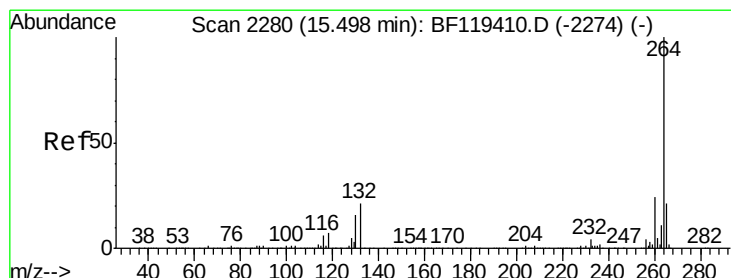
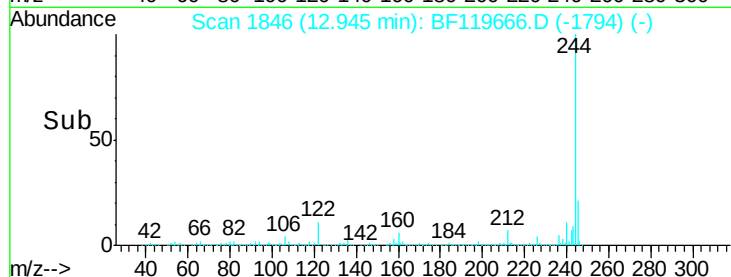
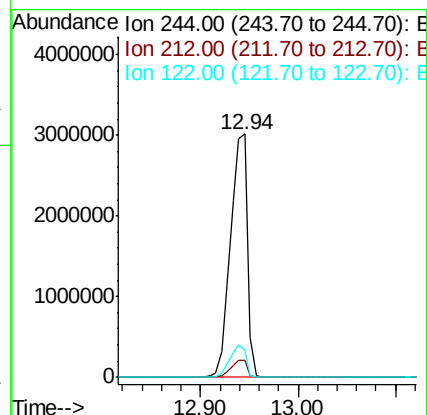
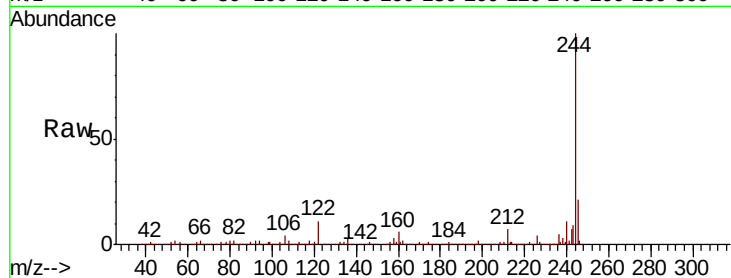
Tot Ion:244 Resp: 3611840

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.3 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Tgt Ion:264 Resp: 916839

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.1 17.7 26.5

