

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119686.D
 Acq On : 2 Apr 2020 00:22
 Operator : MA/SJ
 Sample : PB127937BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BL

Quant Time: Apr 02 02:50:27 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	209479	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	790454	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	419438	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	843032	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	717961	20.00	ng	-0.02
87) Perylene-d12	15.43	264	706363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1257663	95.57	ng	0.01
7) Phenol-d6	6.43	99	1583390	94.19	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1369116	94.13	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	436454	100.86	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2577742	91.05	ng	0.00
79) Terphenyl-d14	12.93	244	3175973	86.67	ng	0.00

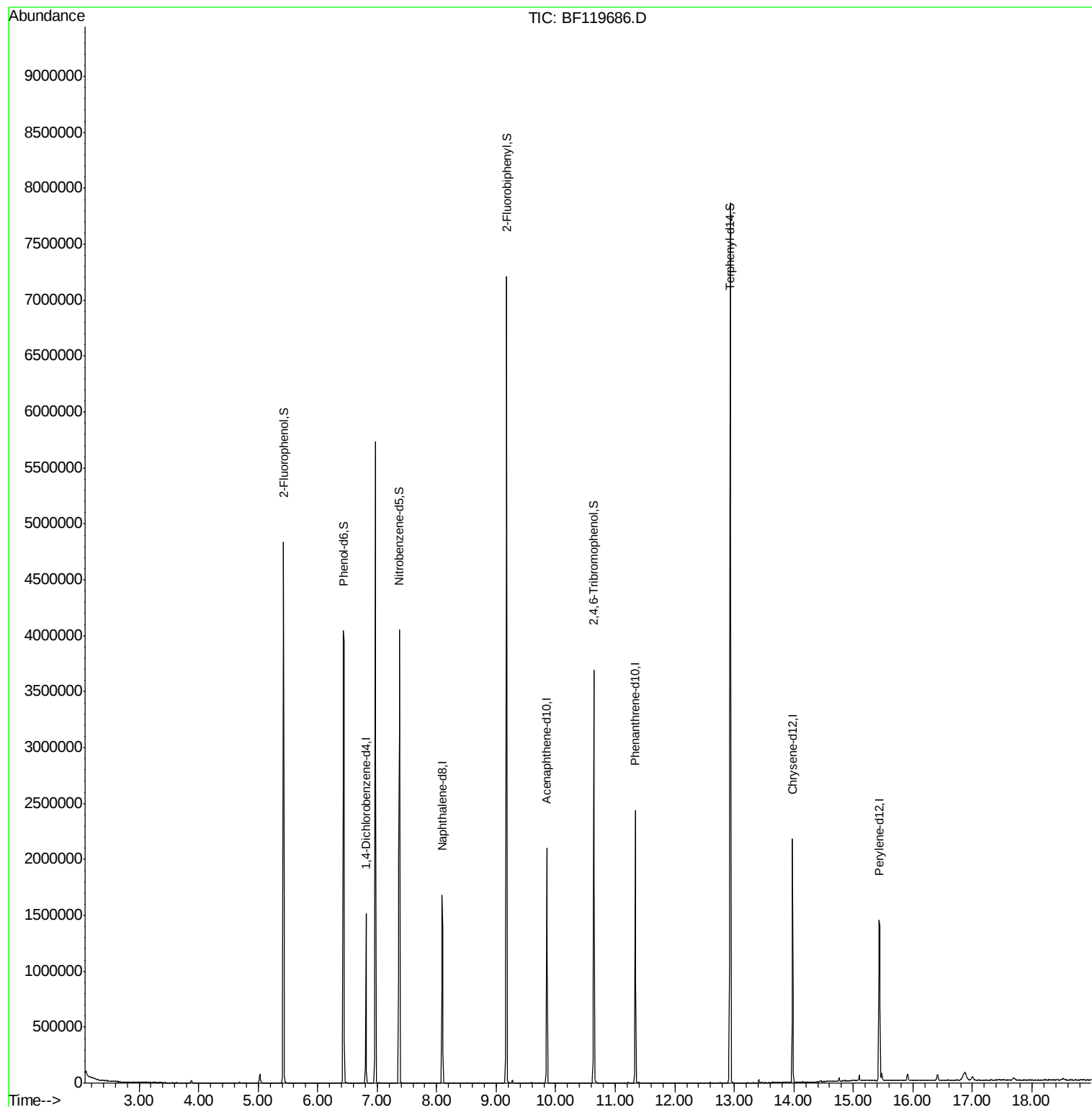
Target Compounds Qvalue

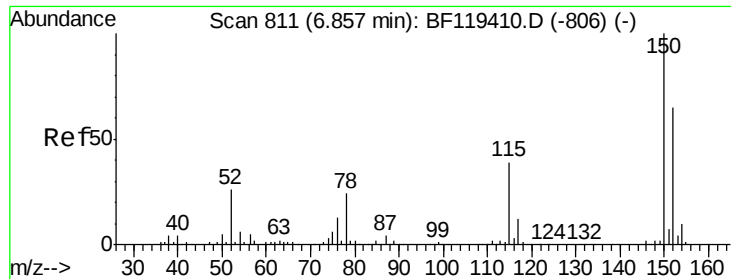
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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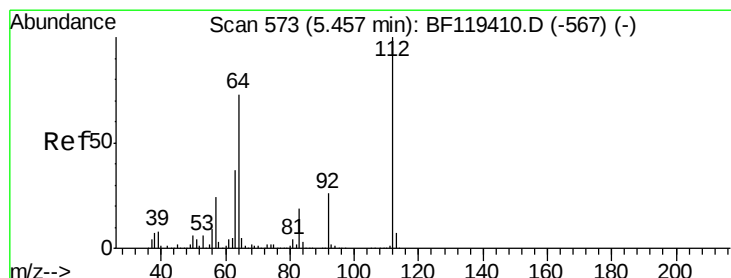
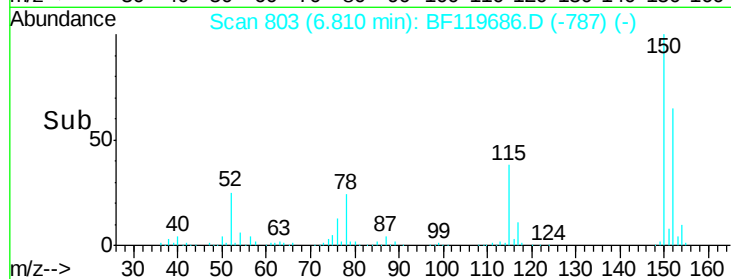
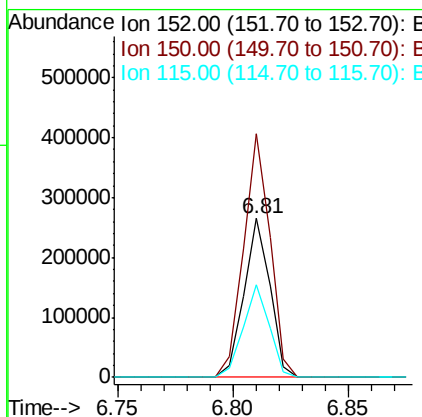
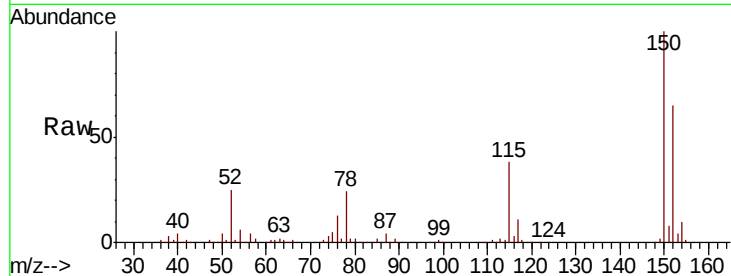




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119686.D
 Acq: 2 Apr 2020 00:22

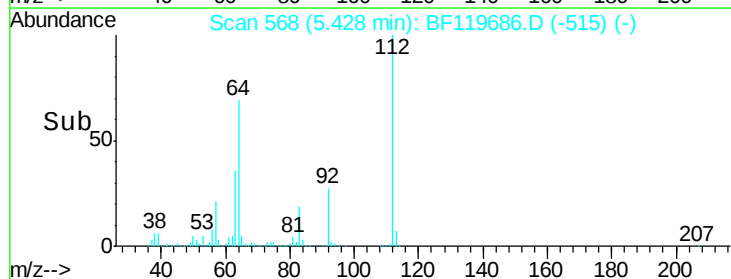
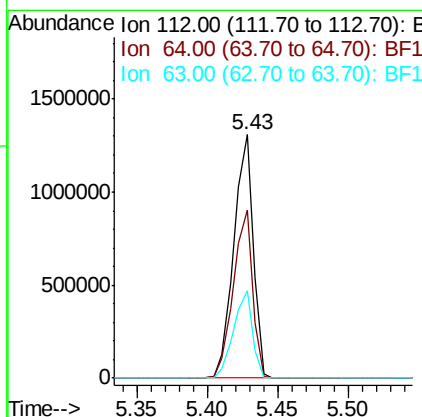
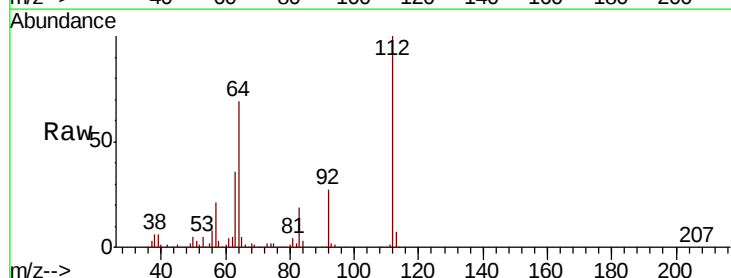
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BL

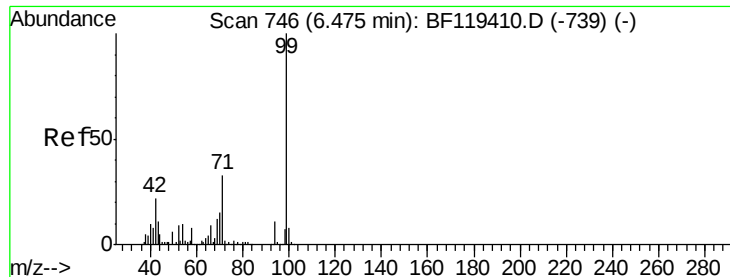
Tot Ion:152 Resp: 209479
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.5 186.7
 115 58.3 49.6 74.4



#5
 2-Fluorophenol
 Concen: 95.574 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF119686.D
 Acq: 2 Apr 2020 00:22

Tgt Ion:112 Resp: 1257663
 Ion Ratio Lower Upper
 112 100
 64 69.0 56.7 85.1
 63 35.8 29.5 44.3





#7

Phenol-d6

Concen: 94.195 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Instrument :

BNA_F

ClientSampleId :

PB127937BL

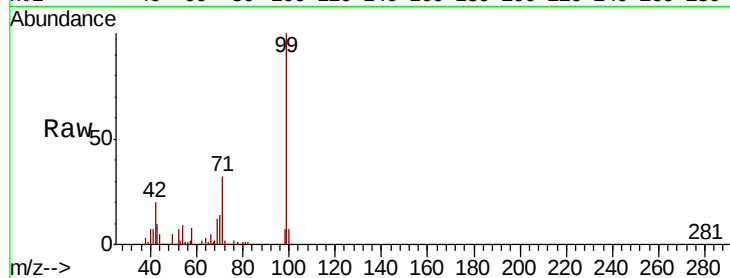
Tot Ion: 99 Resp: 1583390

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

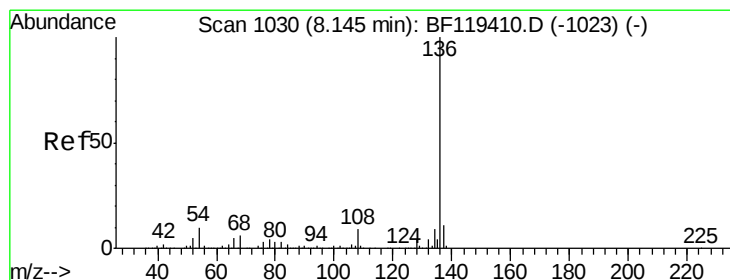
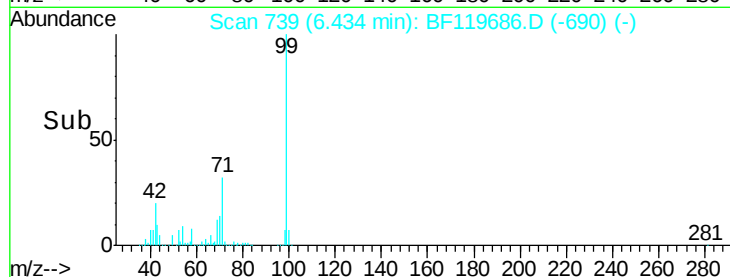
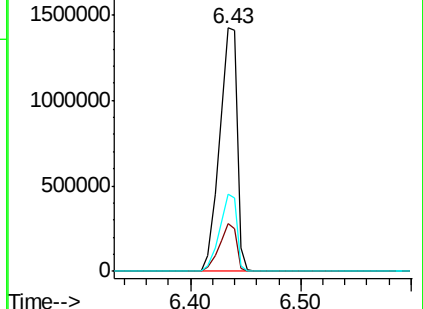
71 31.9 26.4 39.6



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Tgt Ion: 136 Resp: 790454

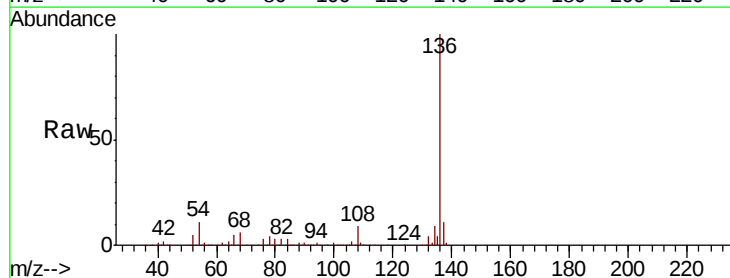
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.8 9.1 13.7

68 6.2 4.6 6.8

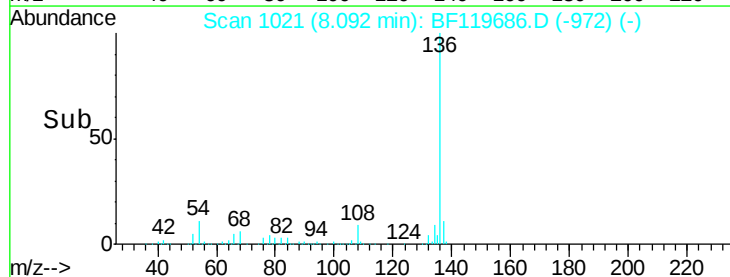
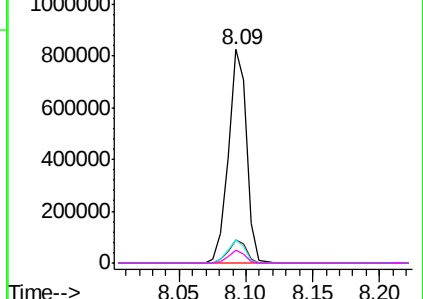


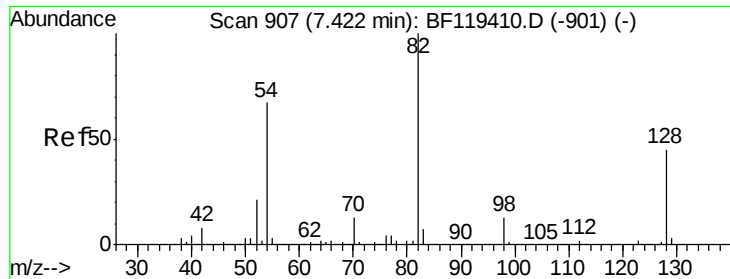
Abundance Ion 136.00 (135.70 to 136.70): E

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

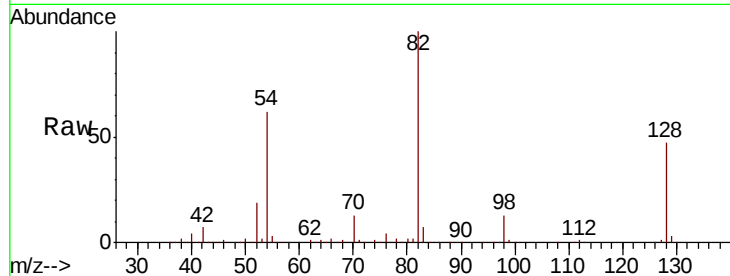




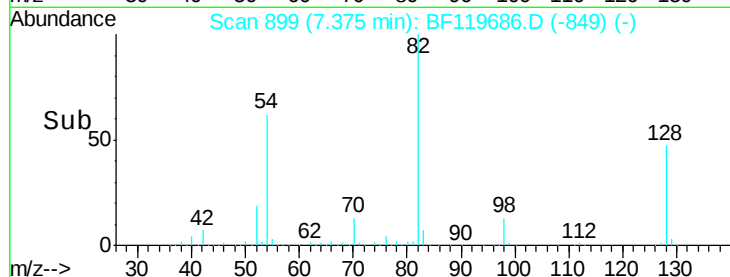
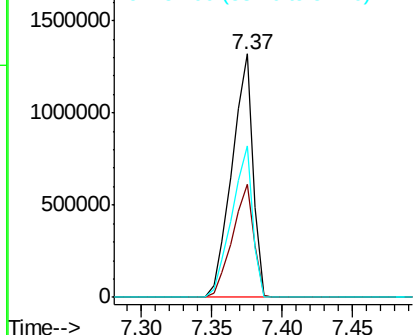
#23
Nitrobenzene-d5
Concen: 94.134 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119686.D
Acq: 2 Apr 2020 00:22

Instrument :
BNA_F
ClientSampleId :
PB127937BL

Tot Ion: 82 Resp: 1369116
Ion Ratio Lower Upper
82 100
128 46.7 36.3 54.5
54 62.3 50.6 75.8

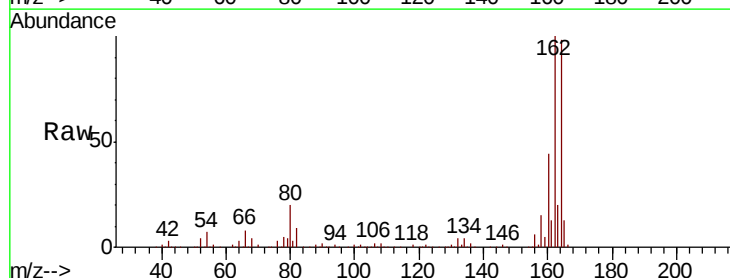


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

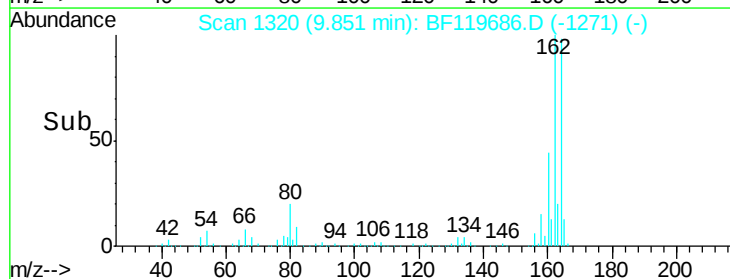
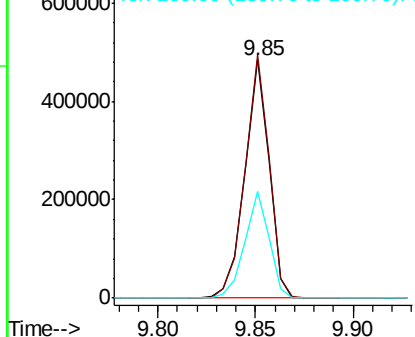


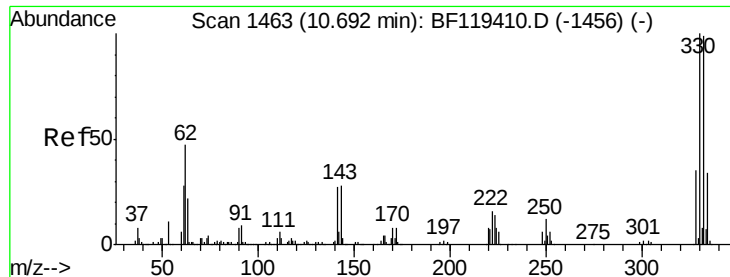
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119686.D
Acq: 2 Apr 2020 00:22

Tgt Ion:164 Resp: 419438
Ion Ratio Lower Upper
164 100
162 102.2 80.6 121.0
160 44.8 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

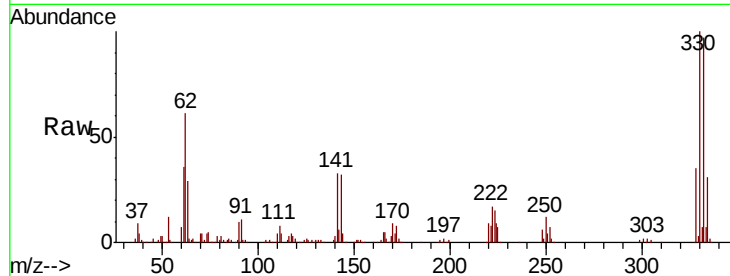




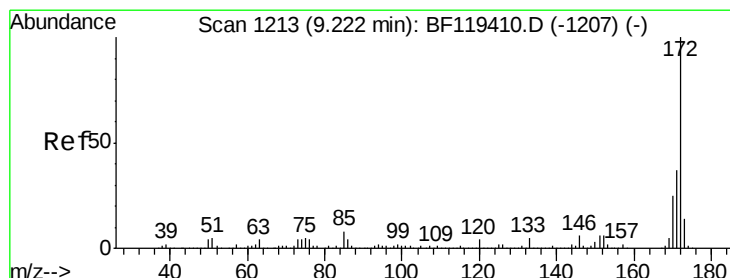
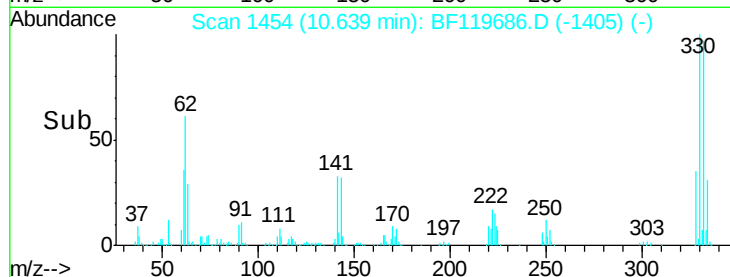
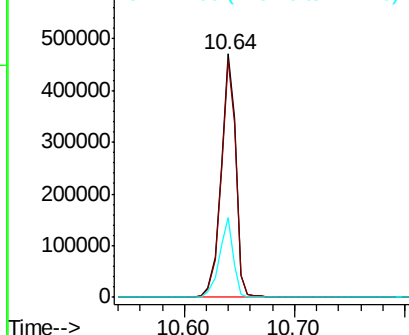
#42
 2,4,6-Tribromophenol
 Concen: 100.863 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119686.D
 Acq: 2 Apr 2020 00:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BL

Tot Ion:330 Resp: 436454
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 30.5 25.4 38.0

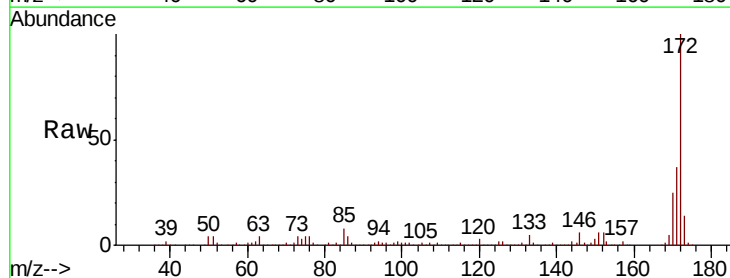


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

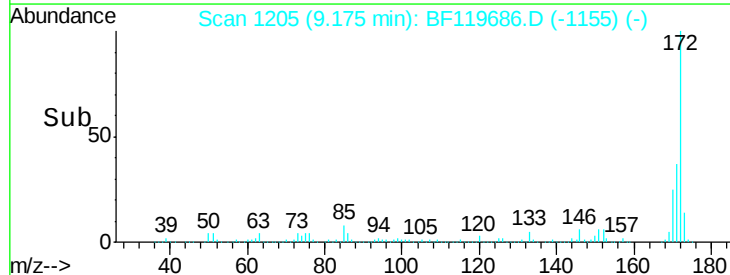
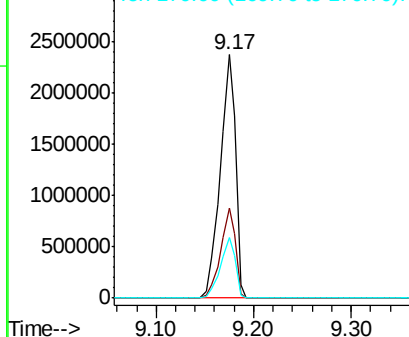


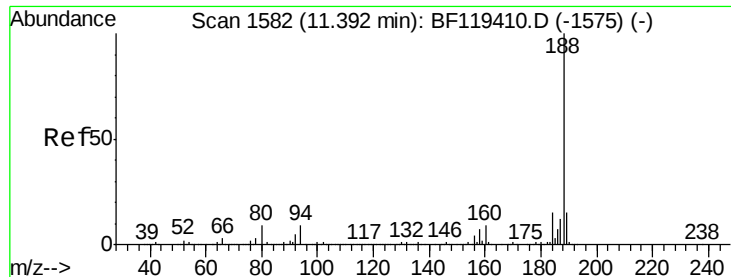
#45
 2-Fluorobiphenyl
 Concen: 91.047 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119686.D
 Acq: 2 Apr 2020 00:22

Tgt Ion:172 Resp: 2577742
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.8 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

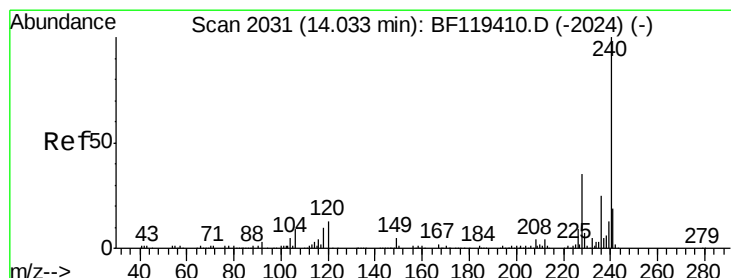
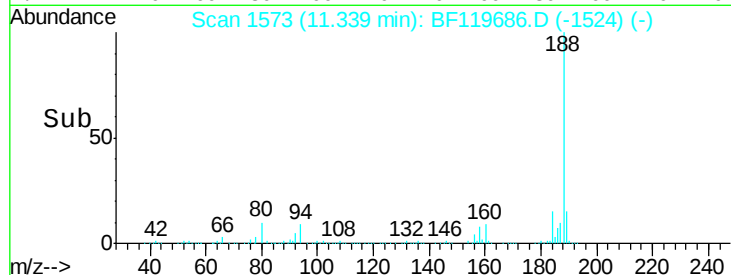
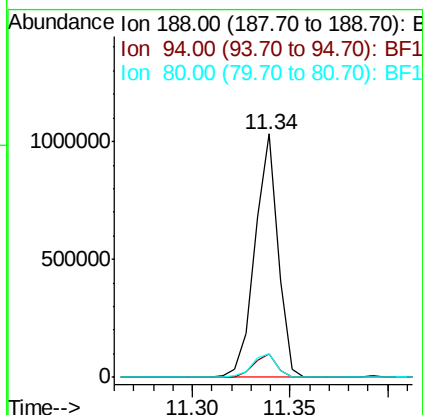
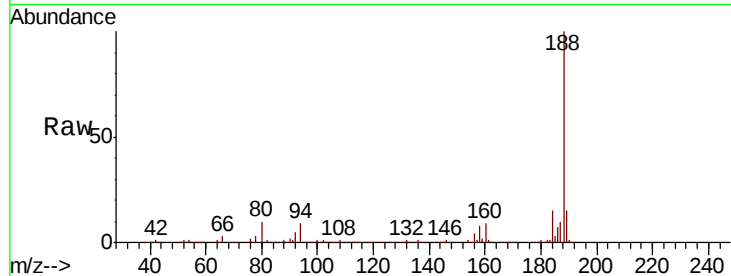




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119686.D
Acq: 2 Apr 2020 00:22

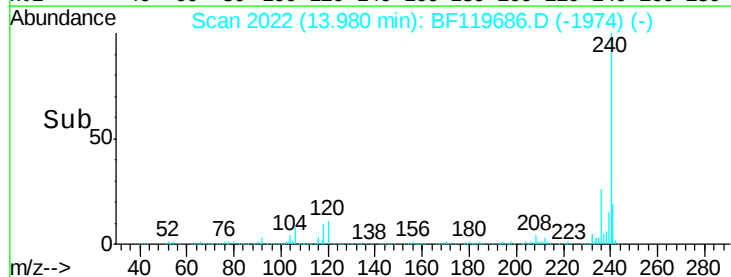
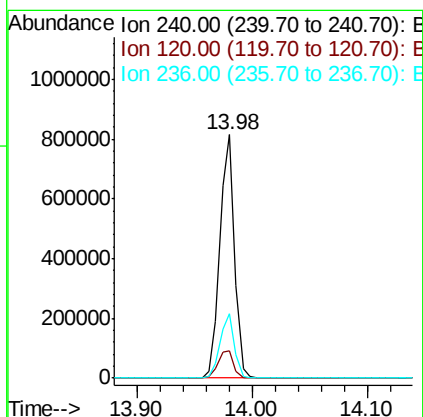
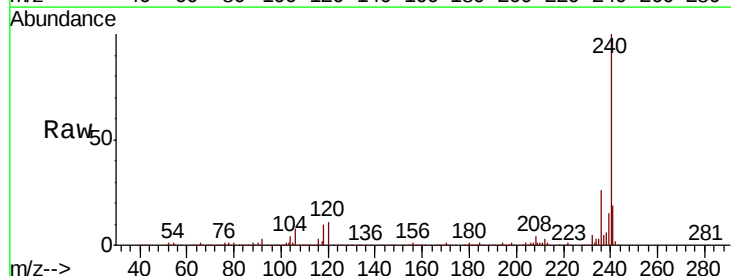
Instrument :
BNA_F
ClientSampled :
PB127937BL

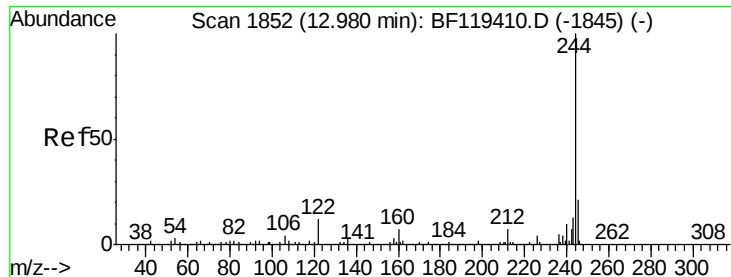
Tot Ion:188 Resp: 843032
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119686.D
Acq: 2 Apr 2020 00:22

Tgt Ion:240 Resp: 717961
Ion Ratio Lower Upper
240 100
120 11.0 10.6 15.8
236 26.3 20.2 30.2





#79

Terphenyl-d14

Concen: 86.668 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Instrument :

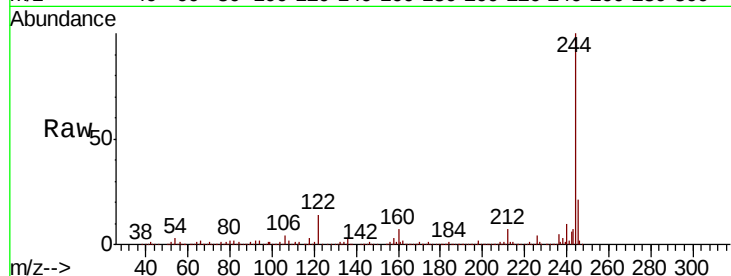
BNA_F

ClientSampleId :

PB127937BL

Tot Ion:244 Resp: 3175973

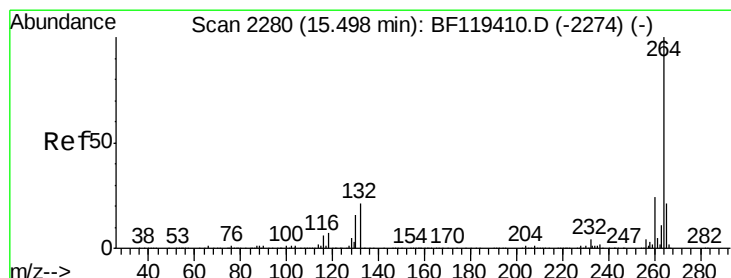
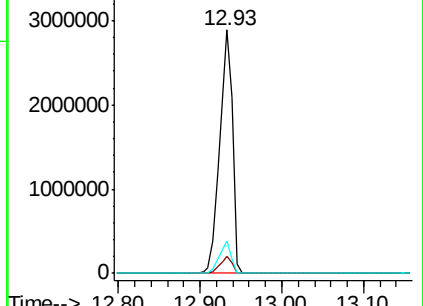
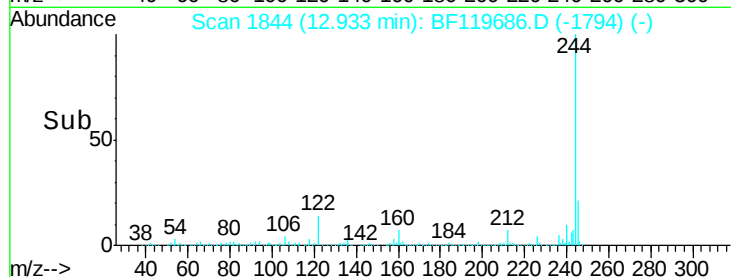
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.6	10.3	15.5



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: 15.43 min Scan# 2269

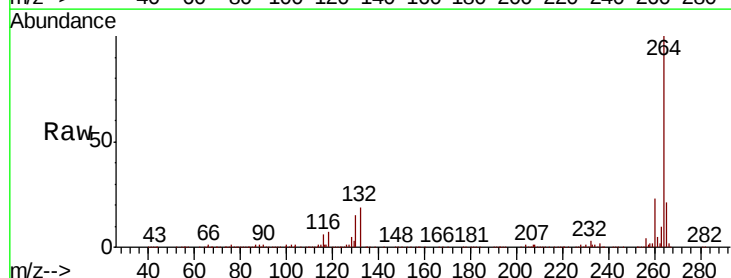
Delta R.T. -0.02 min

Lab File: BF119686.D

Acq: 2 Apr 2020 00:22

Tgt Ion:264 Resp: 706363

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.4	17.7	26.5



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

