

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119687.D
 Acq On : 2 Apr 2020 00:49
 Operator : MA/SJ
 Sample : PB127927BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BL

Quant Time: Apr 02 02:53:31 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	229162	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	872564	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	462792	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	941859	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	764931	20.00	ng	-0.02
87) Perylene-d12	15.44	264	775855	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1901962	132.12	ng	0.02
7) Phenol-d6	6.44	99	2421641	131.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	1497504	93.27	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	720251	150.85	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2858835	91.52	ng	0.00
79) Terphenyl-d14	12.93	244	3477780	89.08	ng	0.00

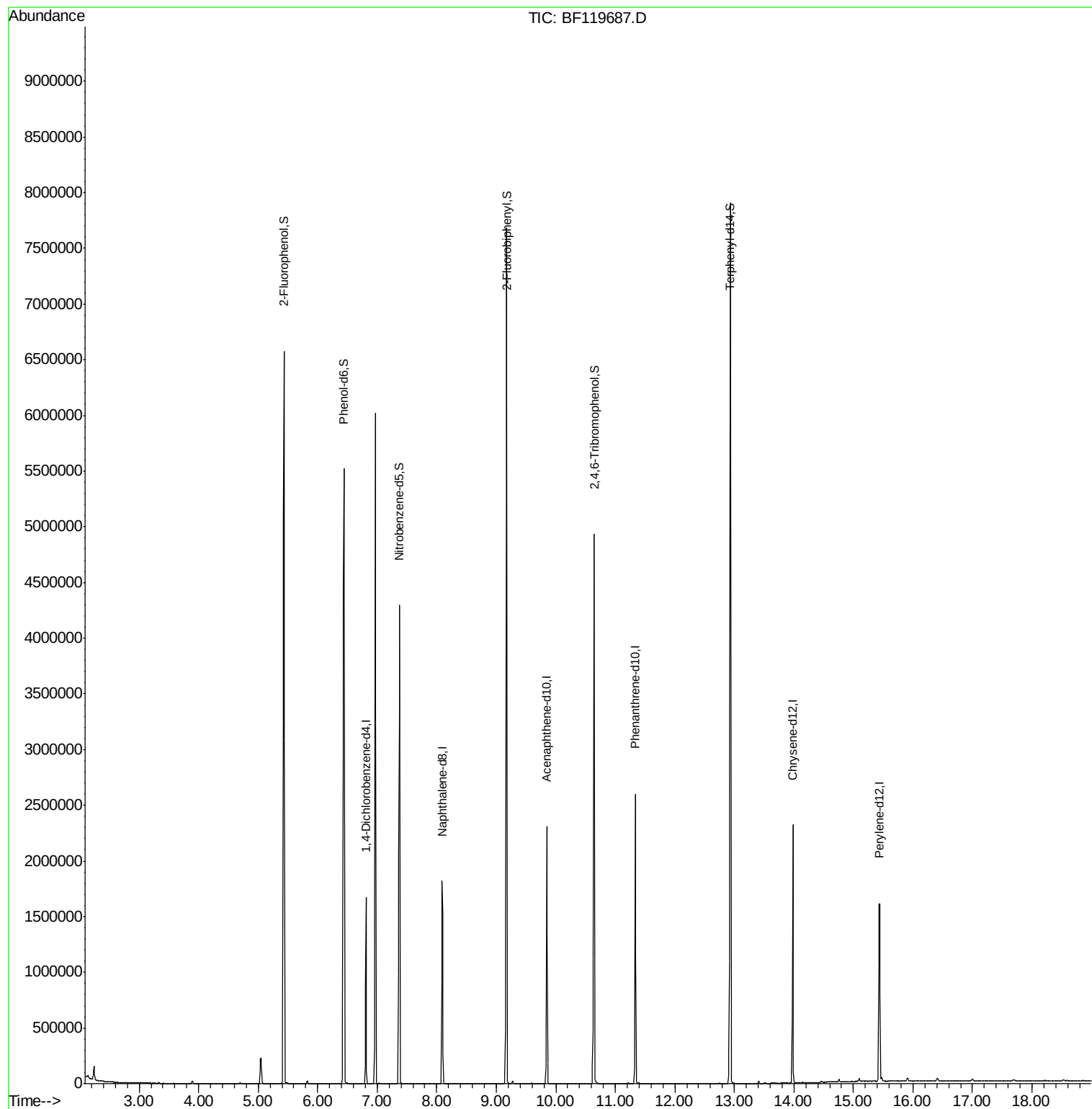
Target Compounds Qvalue

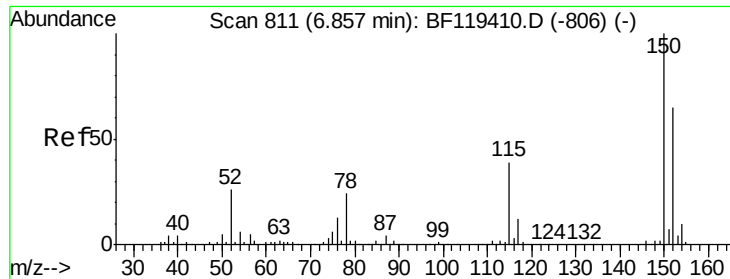
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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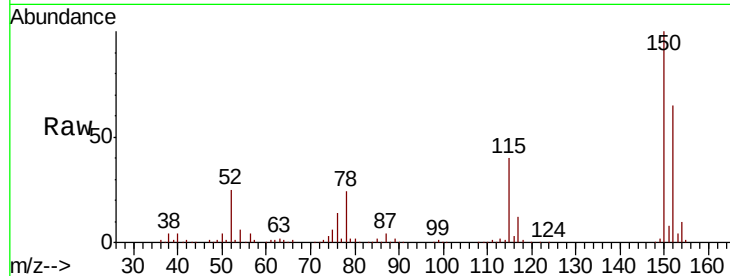


#1

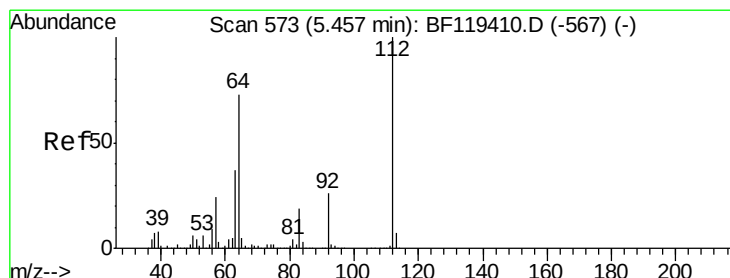
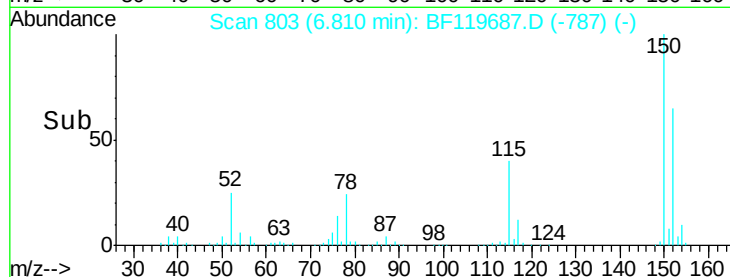
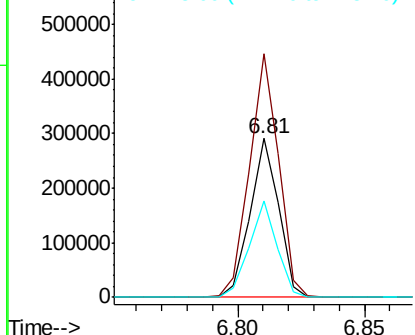
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119687.D
Acq: 2 Apr 2020 00:49

Instrument :
BNA_F
ClientSampleId :
PB127927BL

Tot Ion:152 Resp: 229162
Ion Ratio Lower Upper
152 100
150 153.3 124.5 186.7
115 60.6 49.6 74.4



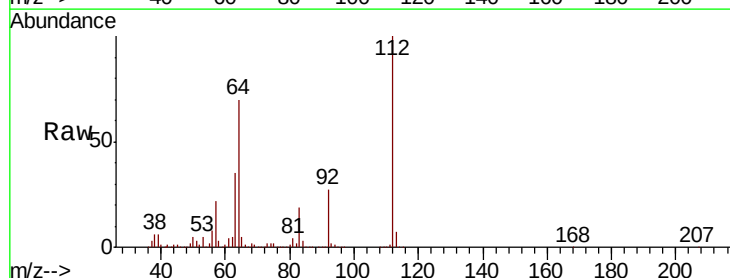
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



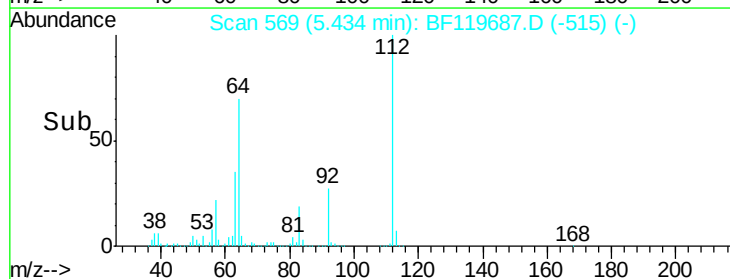
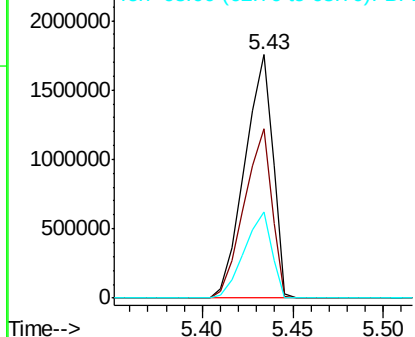
#5

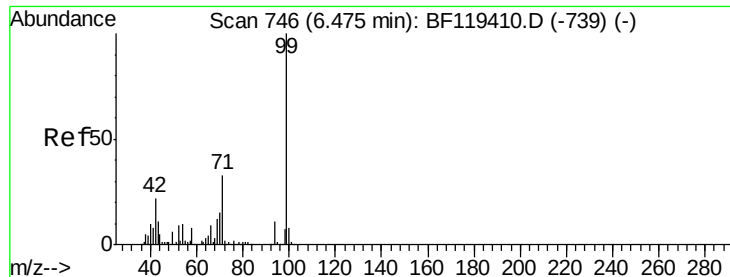
2-Fluorophenol
Concen: 132.122 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119687.D
Acq: 2 Apr 2020 00:49

Tgt Ion:112 Resp: 1901962
Ion Ratio Lower Upper
112 100
64 69.6 56.7 85.1
63 35.4 29.5 44.3



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: 131.688 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

PB127927BL

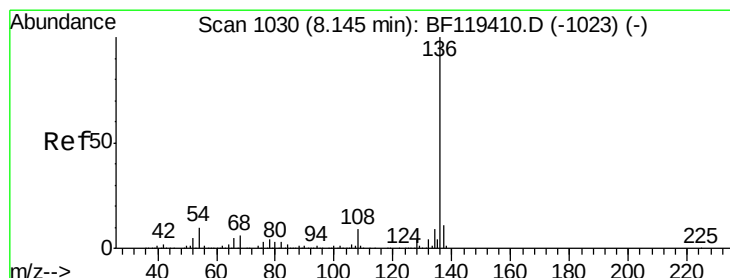
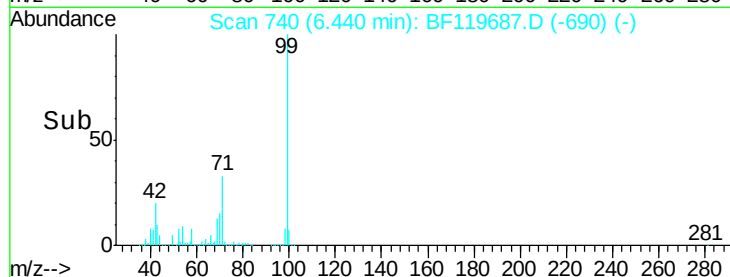
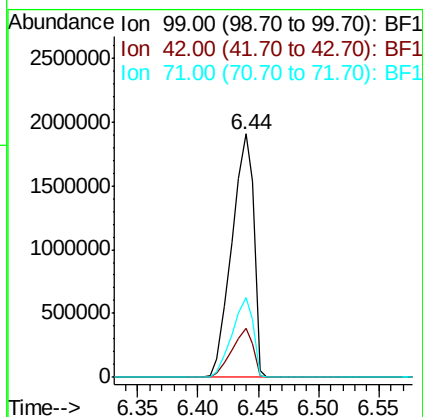
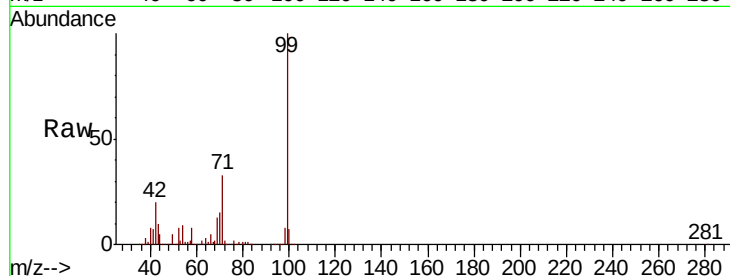
Tot Ion: 99 Resp: 2421641

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 32.7 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Tgt Ion: 136 Resp: 872564

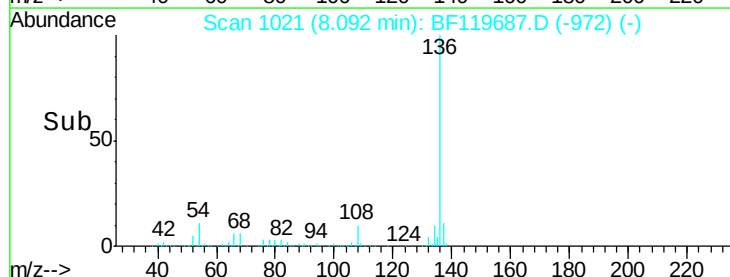
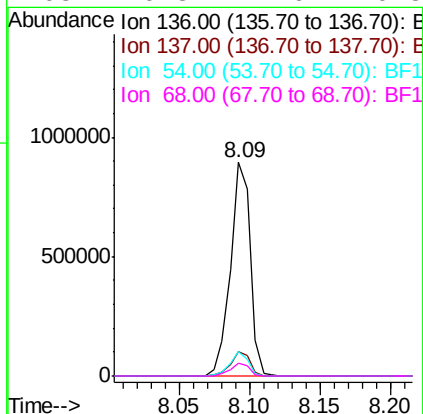
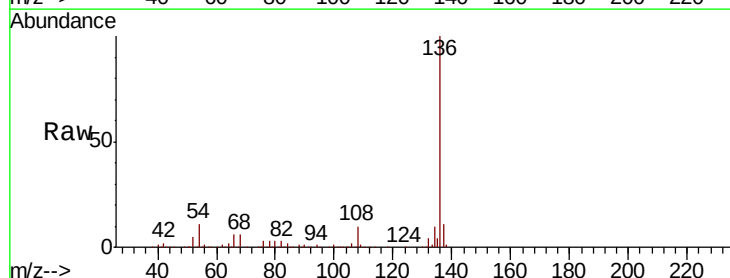
Ion Ratio Lower Upper

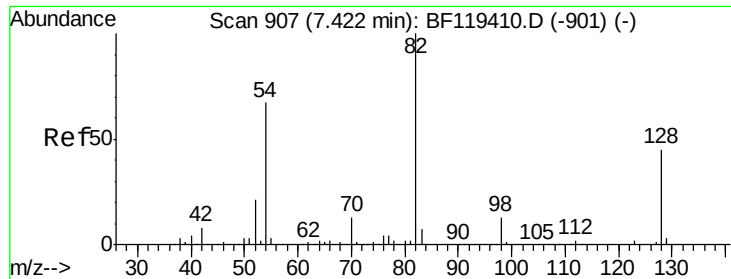
136 100

137 11.1 8.7 13.1

54 11.1 9.1 13.7

68 6.3 4.6 6.8

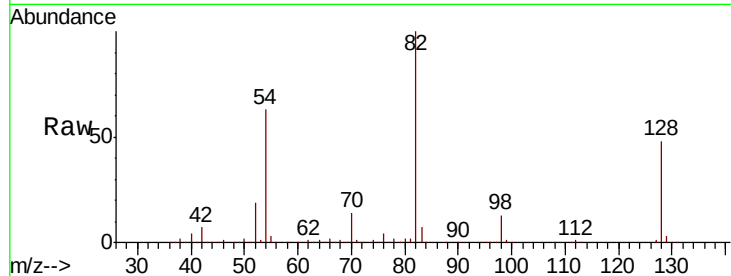




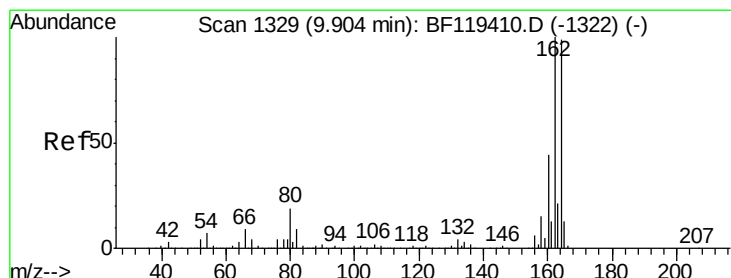
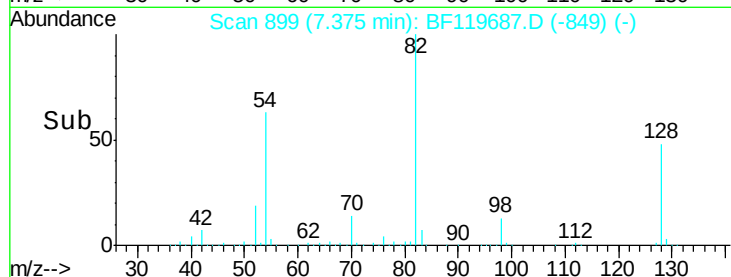
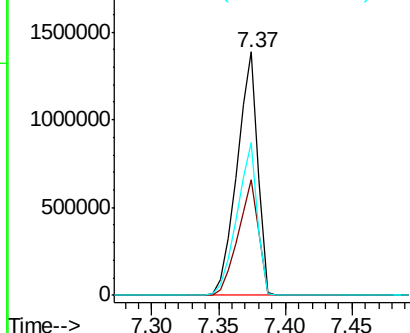
#23
 Nitrobenzene-d5
 Concen: 93.272 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BL

Tot Ion: 82 Resp: 1497504
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.3 54.5
 54 62.8 50.6 75.8

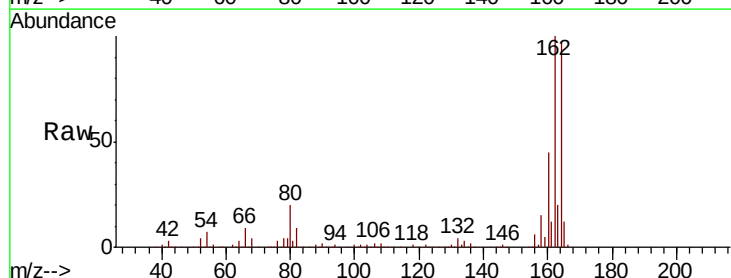


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

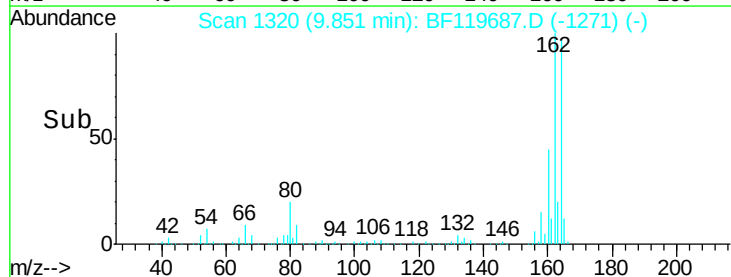
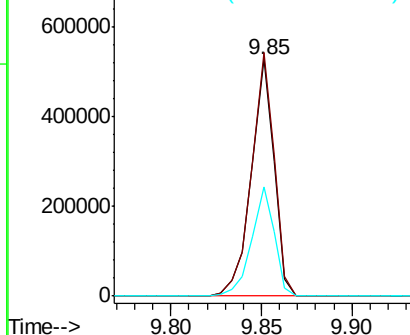


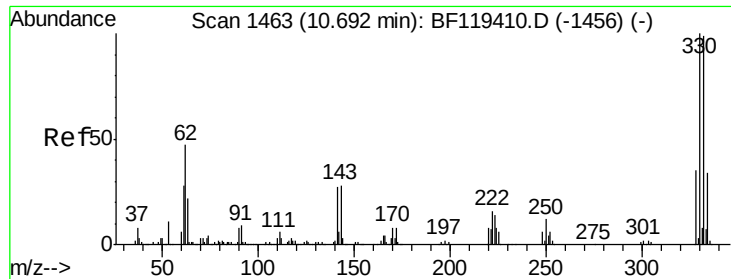
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

Tgt Ion: 164 Resp: 462792
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.6 121.0
 160 46.1 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

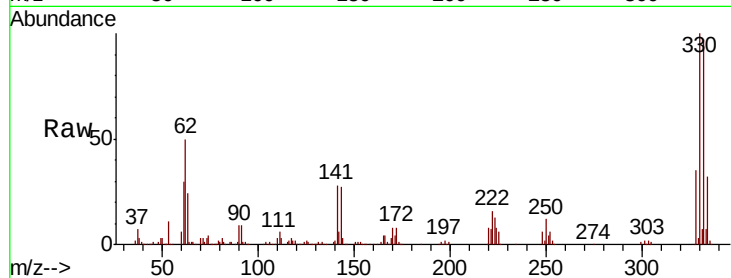




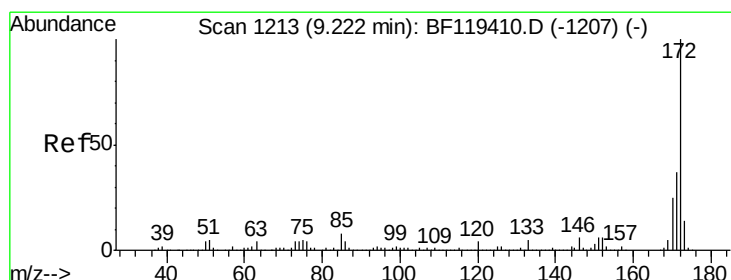
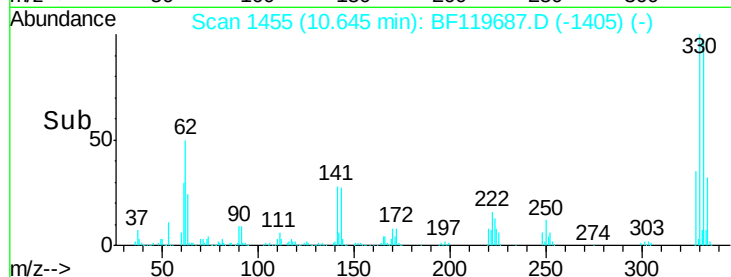
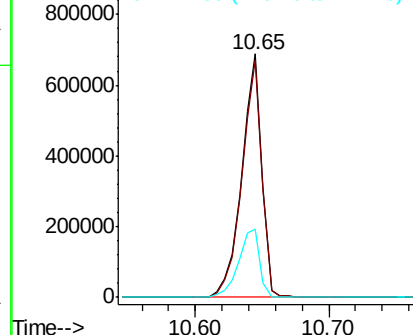
#42
 2,4,6-Tribromophenol
 Concen: 150.855 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.7	113.5
141	29.9	25.4	38.0

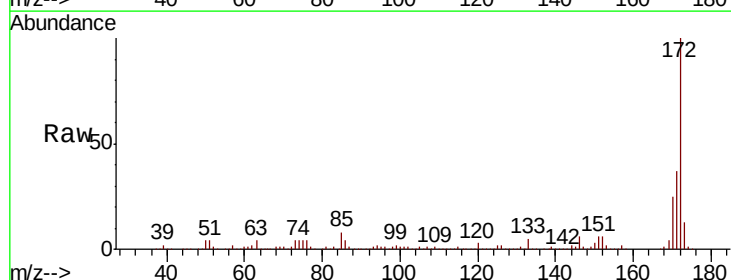


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

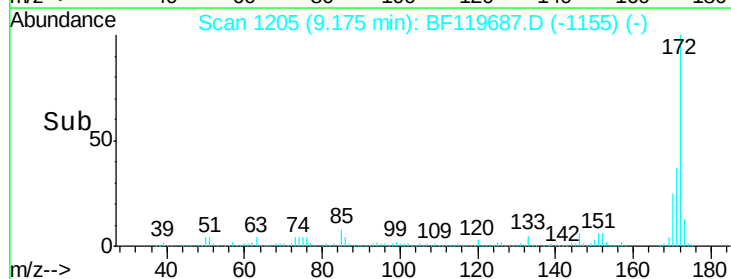
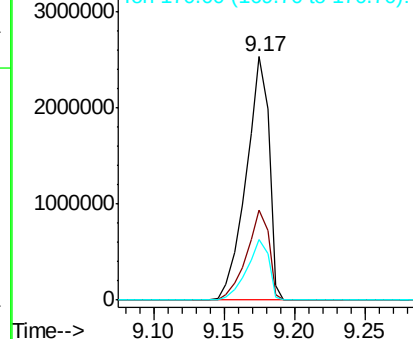


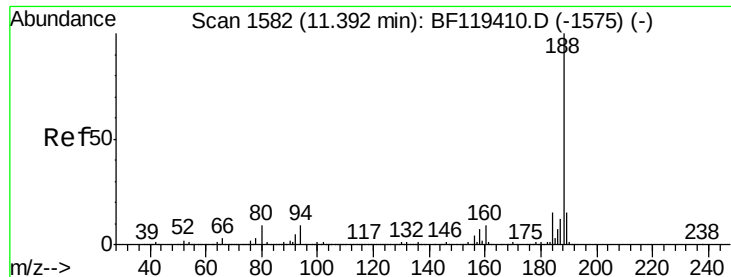
#45
 2-Fluorobiphenyl
 Concen: 91.516 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.7	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

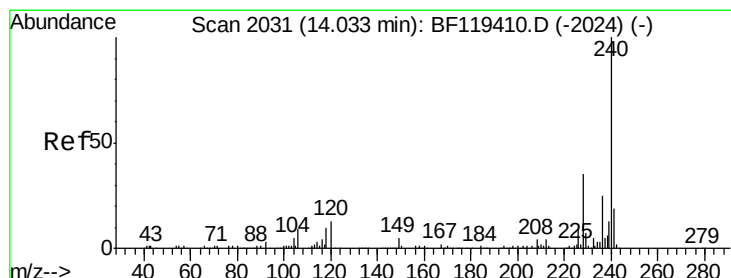
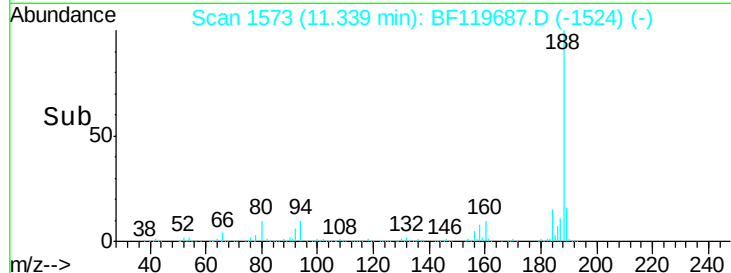
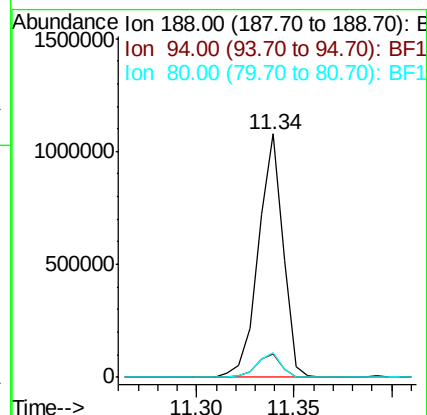
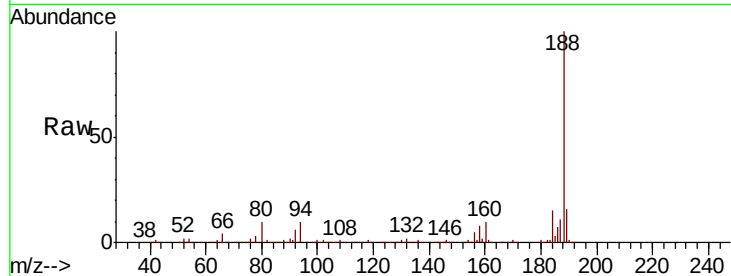




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

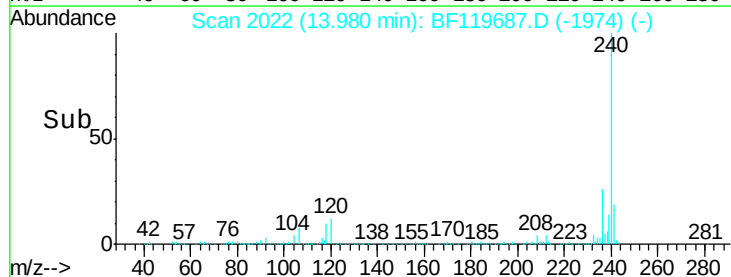
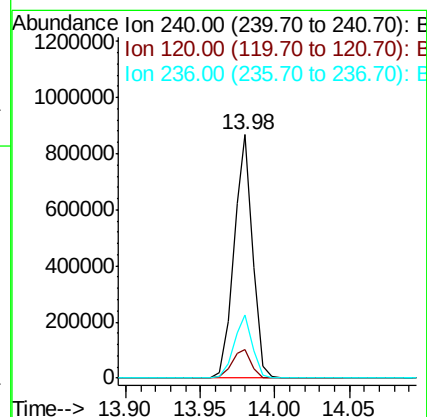
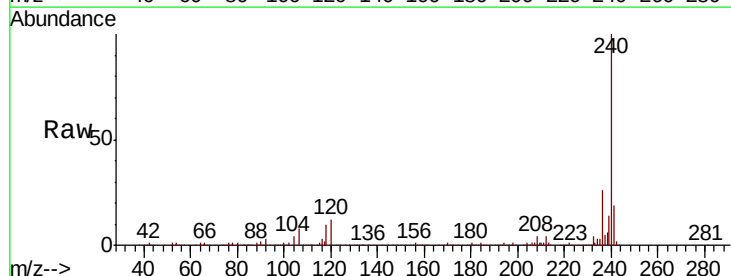
Instrument :
 BNA_F
 ClientSampled :
 PB127927BL

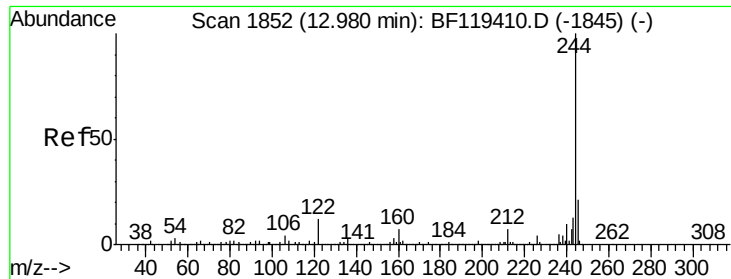
Tot Ion	188	Resp	941859
Ion Ratio	100		
Lower	7.5		
Upper	11.3		
94	9.8		
80	10.1		
Lower	9.0		
Upper	13.4		



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF119687.D
 Acq: 2 Apr 2020 00:49

Tgt Ion	240	Resp	764931
Ion Ratio	100		
Lower	10.6		
Upper	15.8		
120	11.5		
236	26.0		
Lower	20.2		
Upper	30.2		





#79

Terphenyl-d14

Concen: 89.076 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Instrument :

BNA_F

ClientSampleId :

PB127927BL

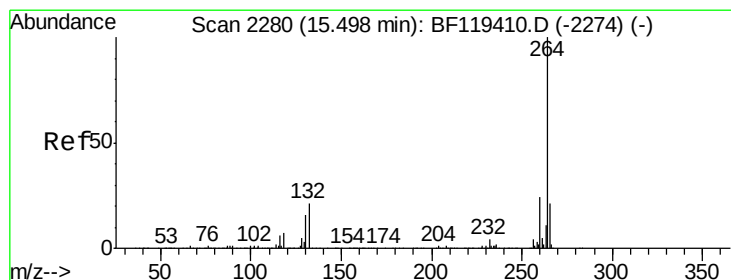
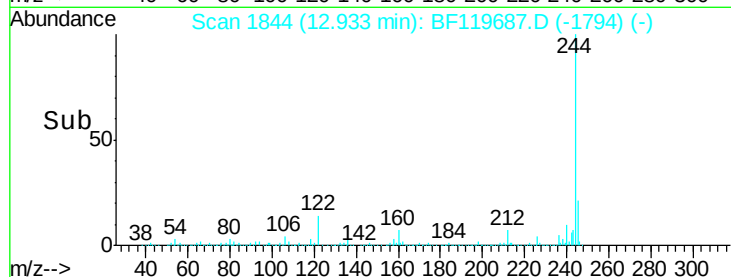
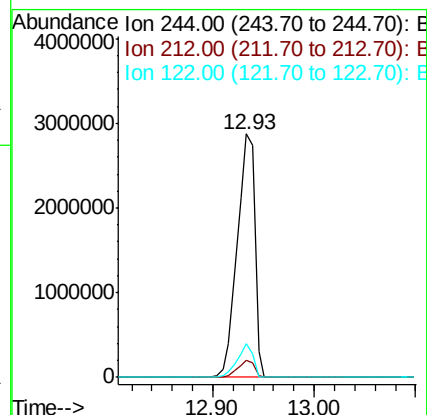
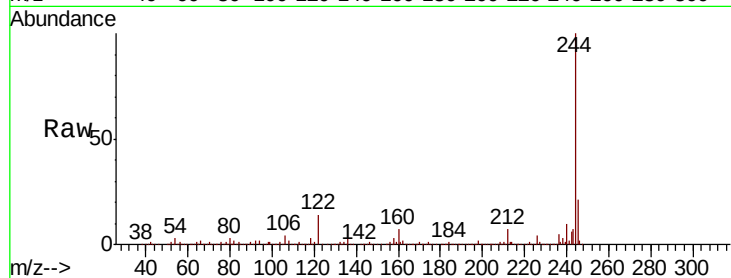
Tot Ion:244 Resp: 3477780

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 13.7 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF119687.D

Acq: 2 Apr 2020 00:49

Tgt Ion:264 Resp: 775855

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.6 17.7 26.5

