

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120234.D
 Acq On : 30 Apr 2020 12:34
 Operator : MA/SJ
 Sample : PB128568BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BL

Quant Time: Apr 30 13:10:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	98272	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	362258	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	187723	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	389886	20.00	ng	0.00
76) Chrysene-d12	13.82	240	332260	20.00	ng	-0.01
87) Perylene-d12	15.22	264	328556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	863961	151.93	ng	0.00
7) Phenol-d6	6.30	99	1073118	146.46	ng	0.00
23) Nitrobenzene-d5	7.22	82	658161	93.99	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	279163	121.46	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1287433	97.37	ng	0.00
79) Terphenyl-d14	12.77	244	1624668	82.28	ng	0.00

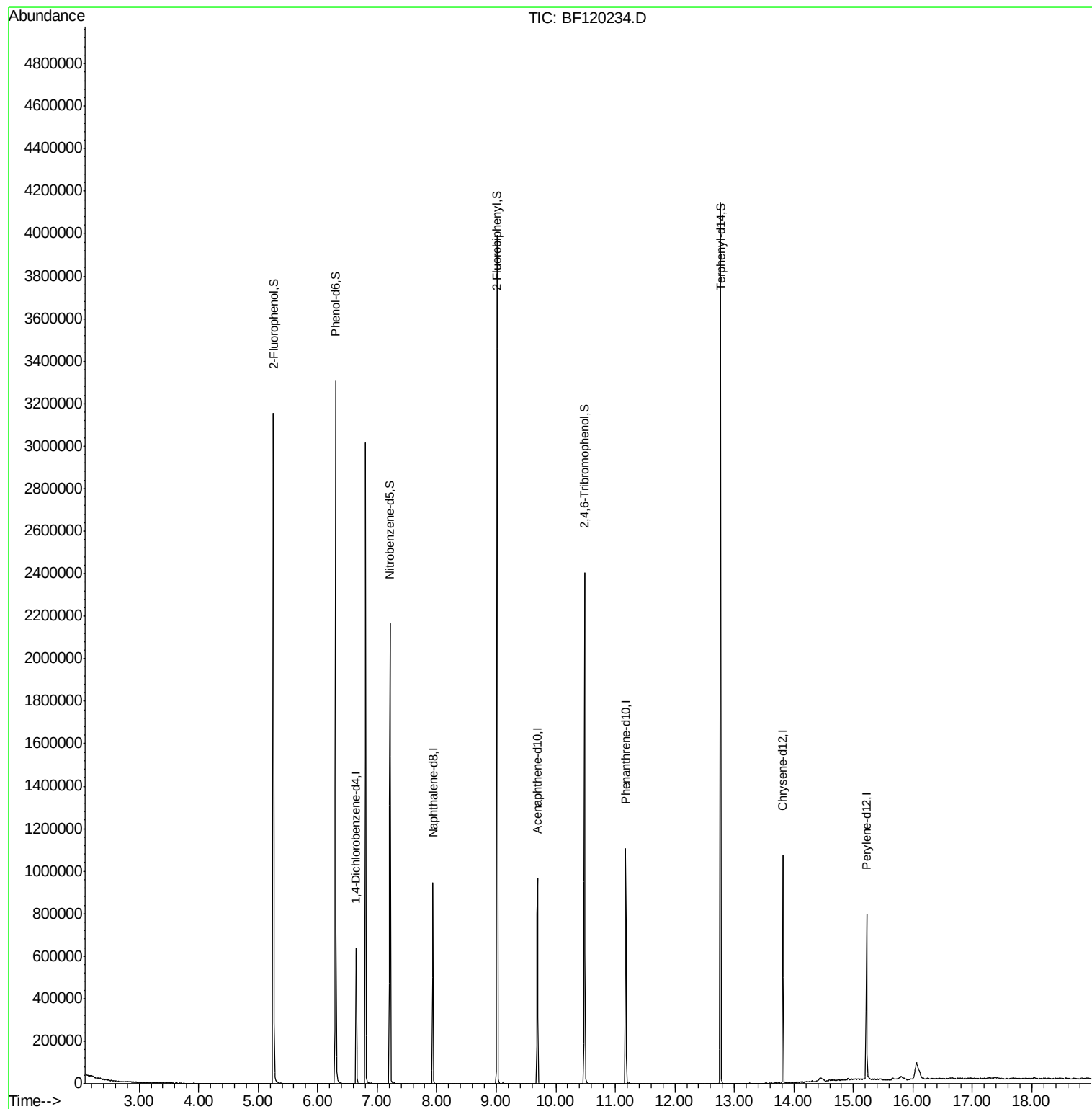
Target Compounds Qvalue

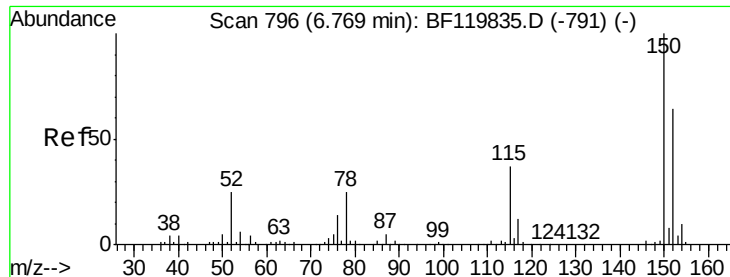
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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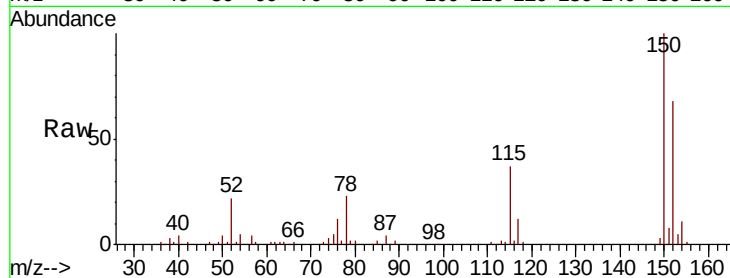


#1

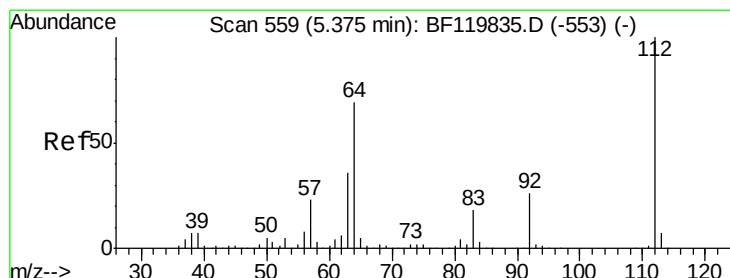
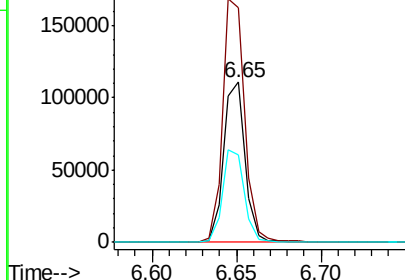
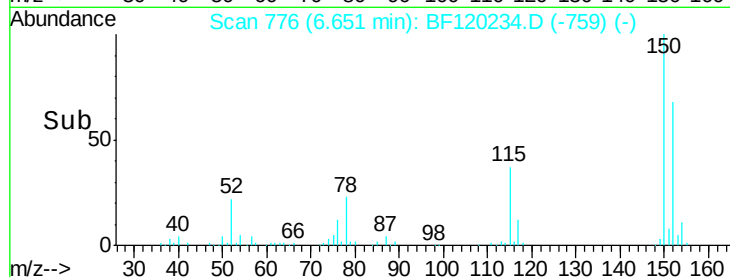
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Instrument :
BNA_F
ClientSampleId :
PB128568BL

Tot Ion:152 Resp: 98272
Ion Ratio Lower Upper
152 100
150 146.7 124.5 186.7
115 54.4 49.6 74.4



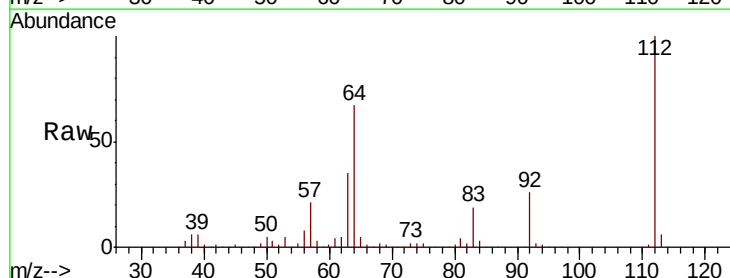
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



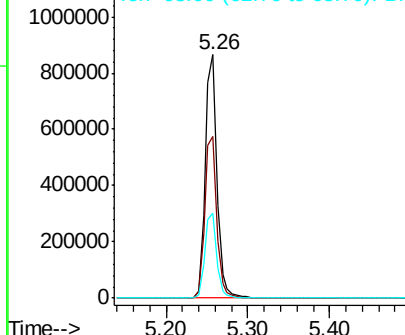
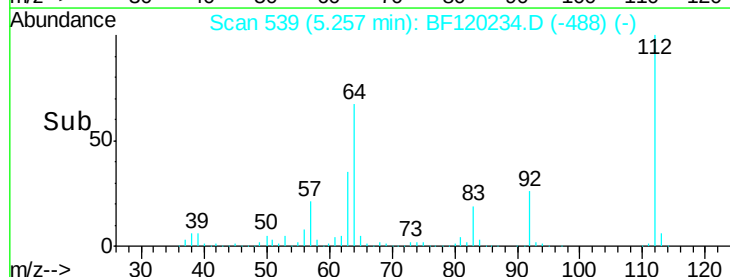
#5

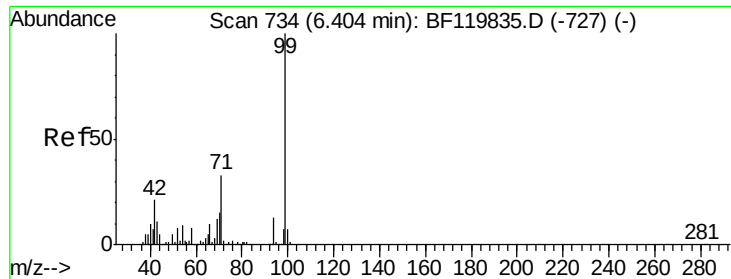
2-Fluorophenol
Concen: 151.934 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Tgt Ion:112 Resp: 863961
Ion Ratio Lower Upper
112 100
64 66.6 56.7 85.1
63 34.7 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: 146.456 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

Instrument :

BNA_F

ClientSampleId :

PB128568BL

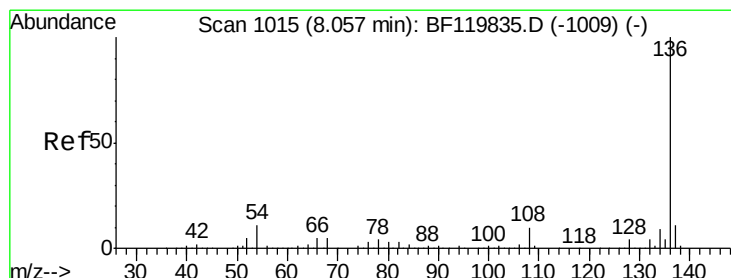
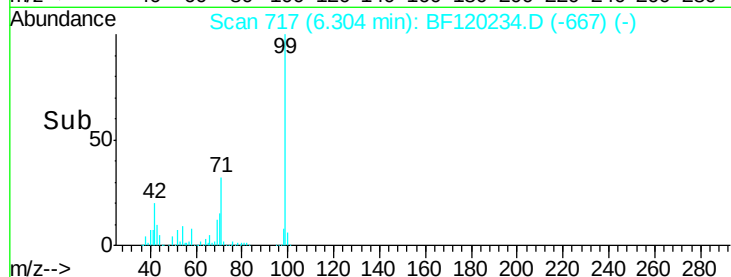
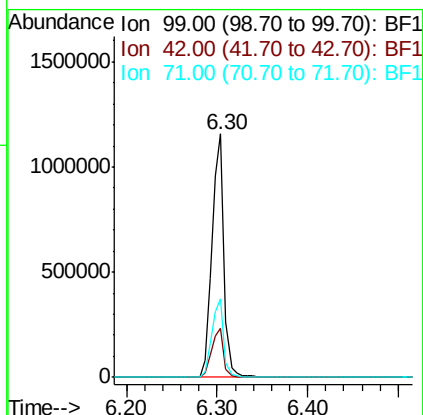
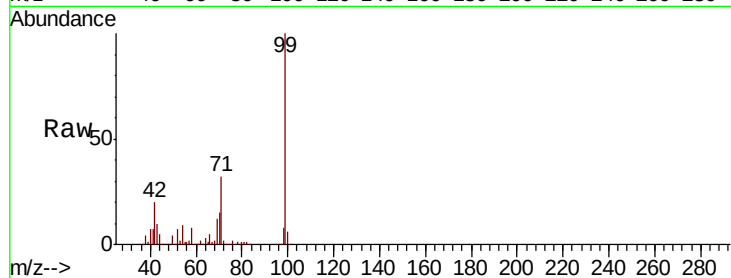
Tot Ion: 99 Resp: 1073118

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 32.4 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

Tgt Ion: 136 Resp: 362258

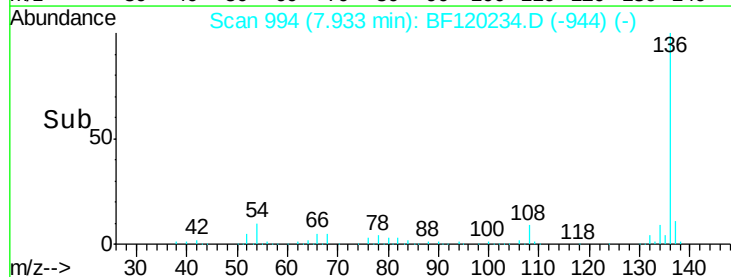
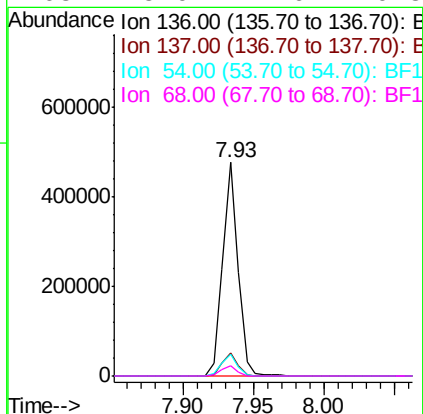
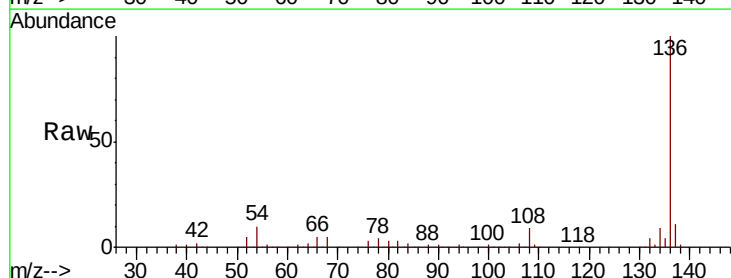
Ion Ratio Lower Upper

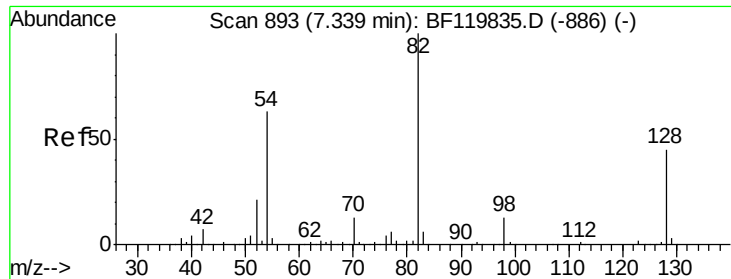
136 100

137 11.0 8.7 13.1

54 10.0 9.1 13.7

68 5.0 4.6 6.8

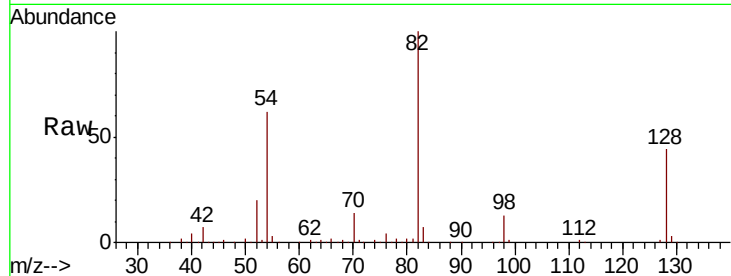




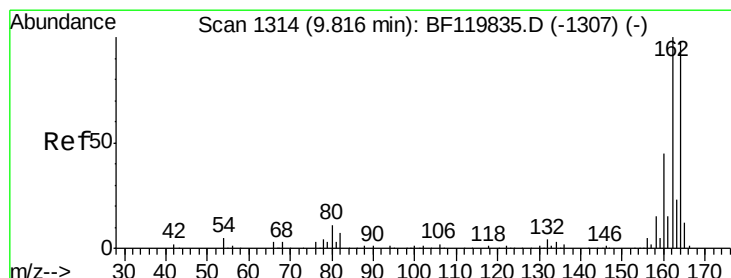
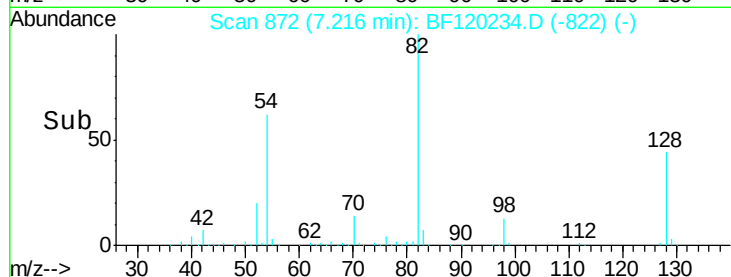
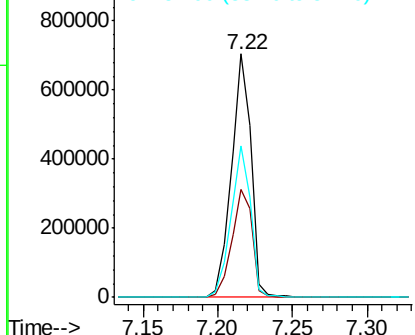
#23
Nitrobenzene-d5
Concen: 93.991 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Instrument :
BNA_F
ClientSampleId :
PB128568BL

Tot Ion: 82 Resp: 658161
Ion Ratio Lower Upper
82 100
128 44.3 36.3 54.5
54 62.4 50.6 75.8

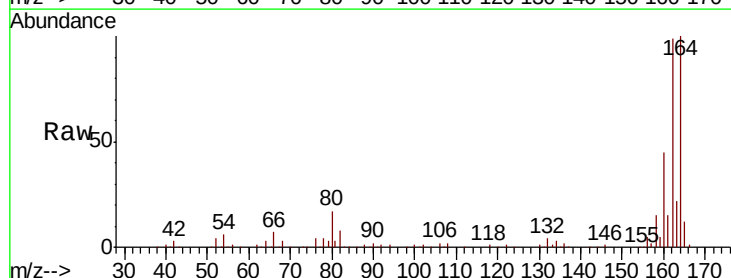


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

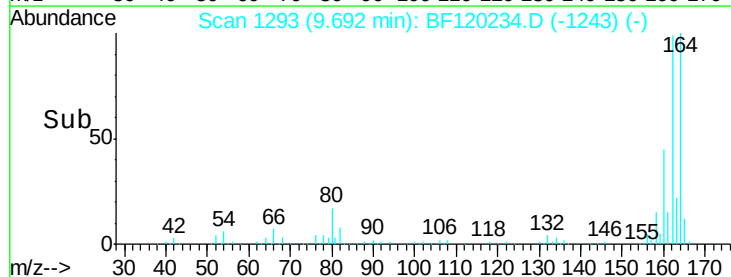
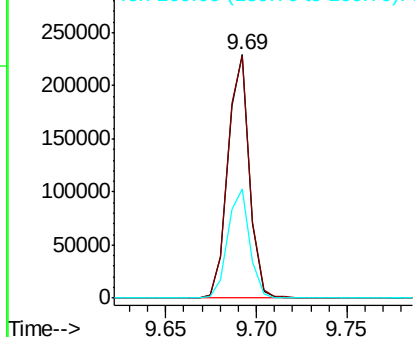


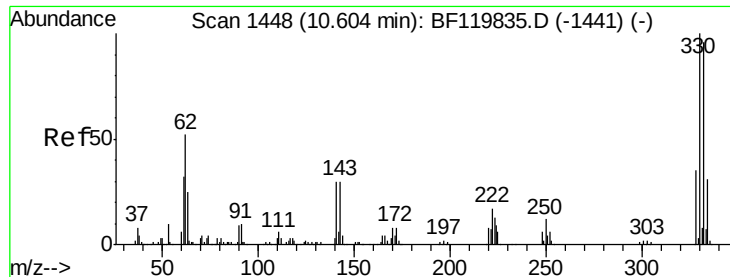
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Tgt Ion:164 Resp: 187723
Ion Ratio Lower Upper
164 100
162 99.5 80.6 121.0
160 45.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

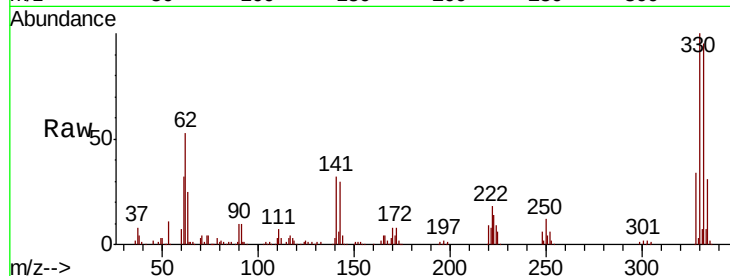




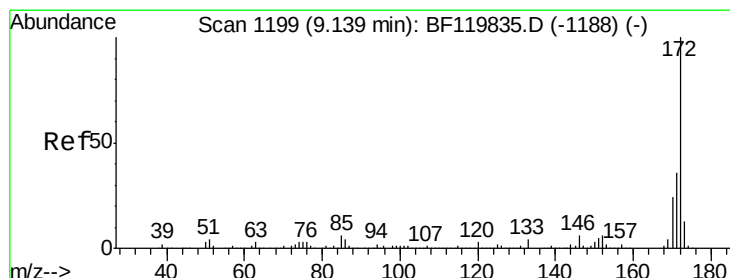
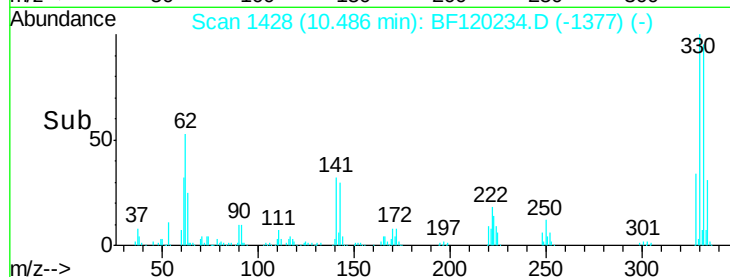
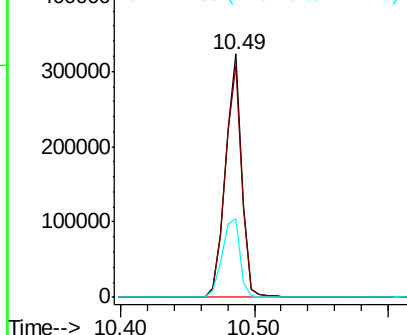
#42
 2,4,6-Tribromophenol
 Concen: 121.461 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF120234.D
 Acq: 30 Apr 2020 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	35.7	25.4	38.0

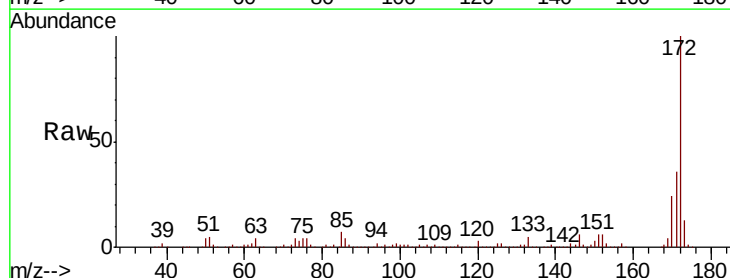


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

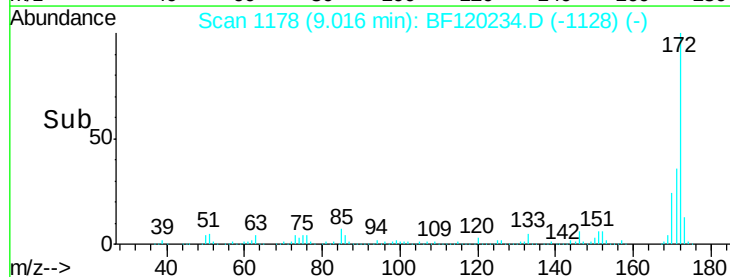
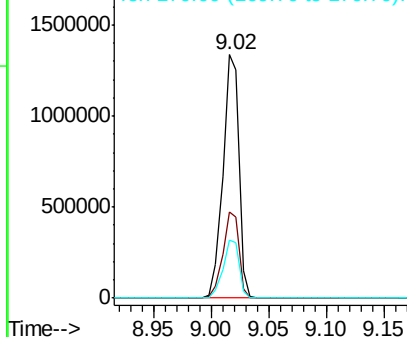


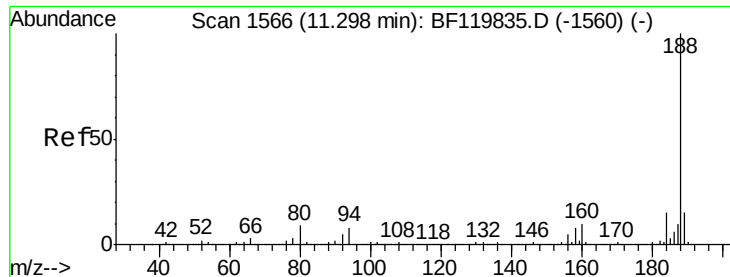
#45
 2-Fluorobiphenyl
 Concen: 97.371 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120234.D
 Acq: 30 Apr 2020 12:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	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

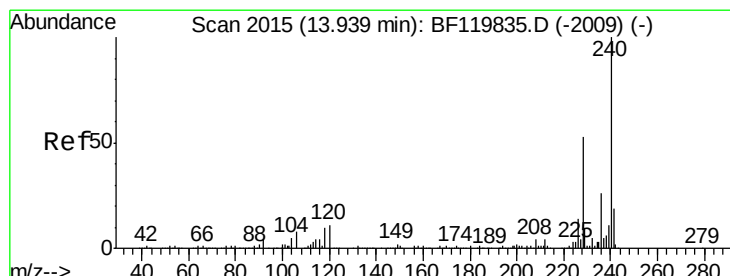
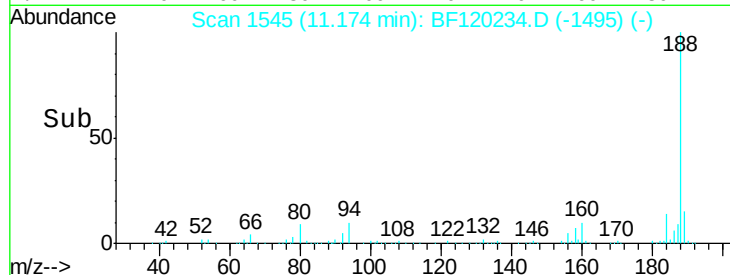
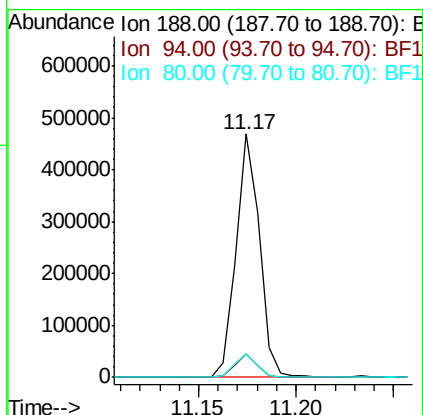
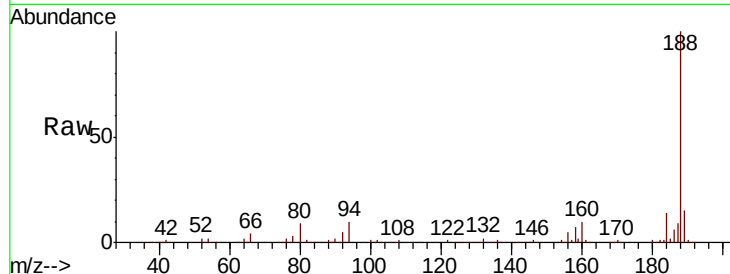




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

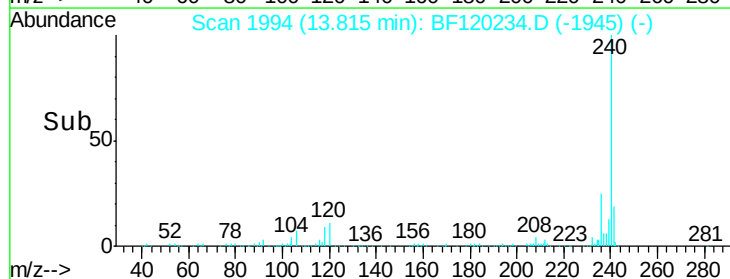
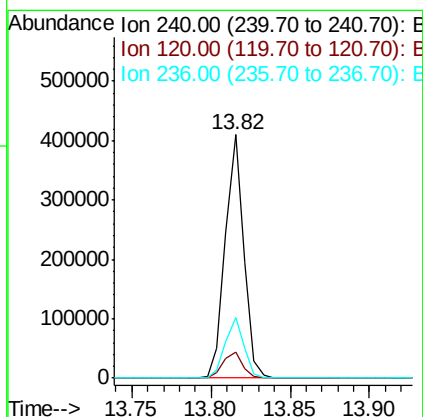
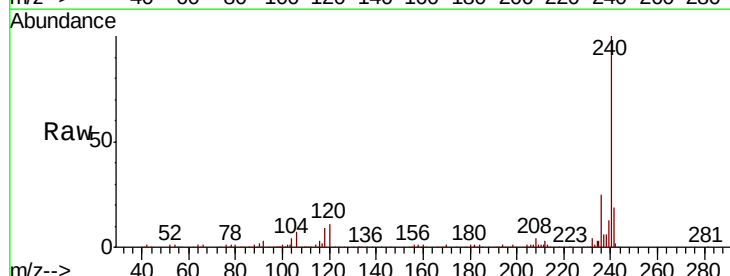
Instrument :
BNA_F
ClientSampleId :
PB128568BL

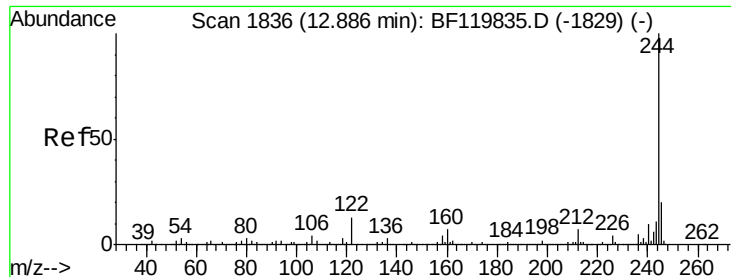
Tot Ion:188 Resp: 389886
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Tgt Ion:240 Resp: 332260
Ion Ratio Lower Upper
240 100
120 10.5 10.6 15.8#
236 24.8 20.2 30.2





#79

Terphenyl-d14

Concen: 82.278 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

Instrument :

BNA_F

ClientSampleId :

PB128568BL

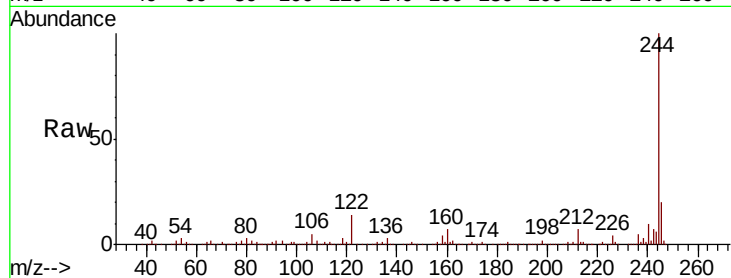
Tot Ion:244 Resp: 1624668

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

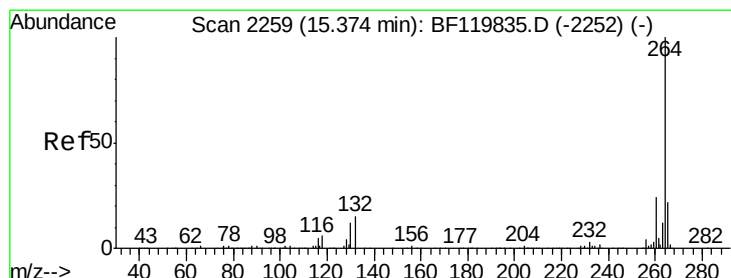
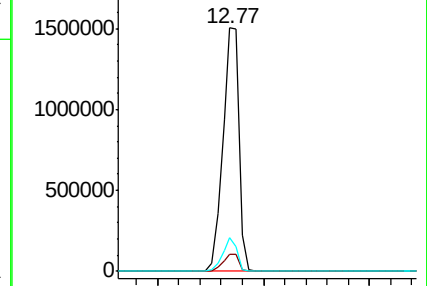
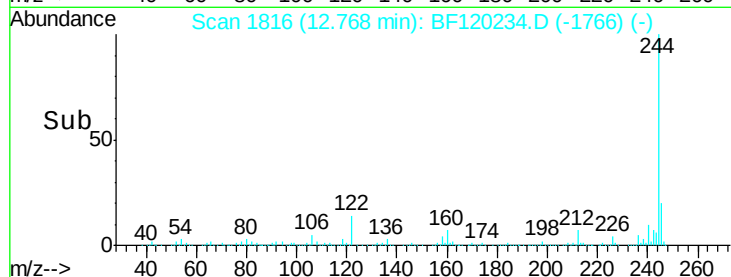
122 14.0 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

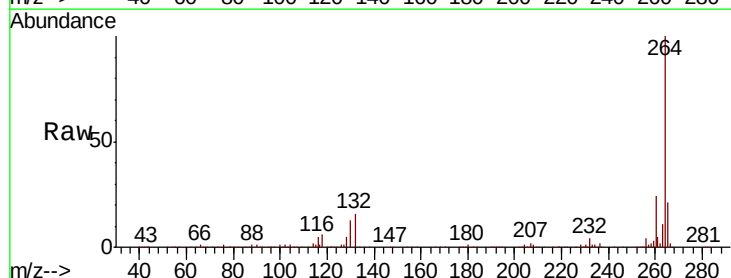
Tgt Ion:264 Resp: 328556

Ion Ratio Lower Upper

264 100

260 23.5 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

