

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120076.D
 Acq On : 20 Apr 2020 14:29
 Operator : MA/SJ
 Sample : L2271-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Quant Time: Apr 20 15:07:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

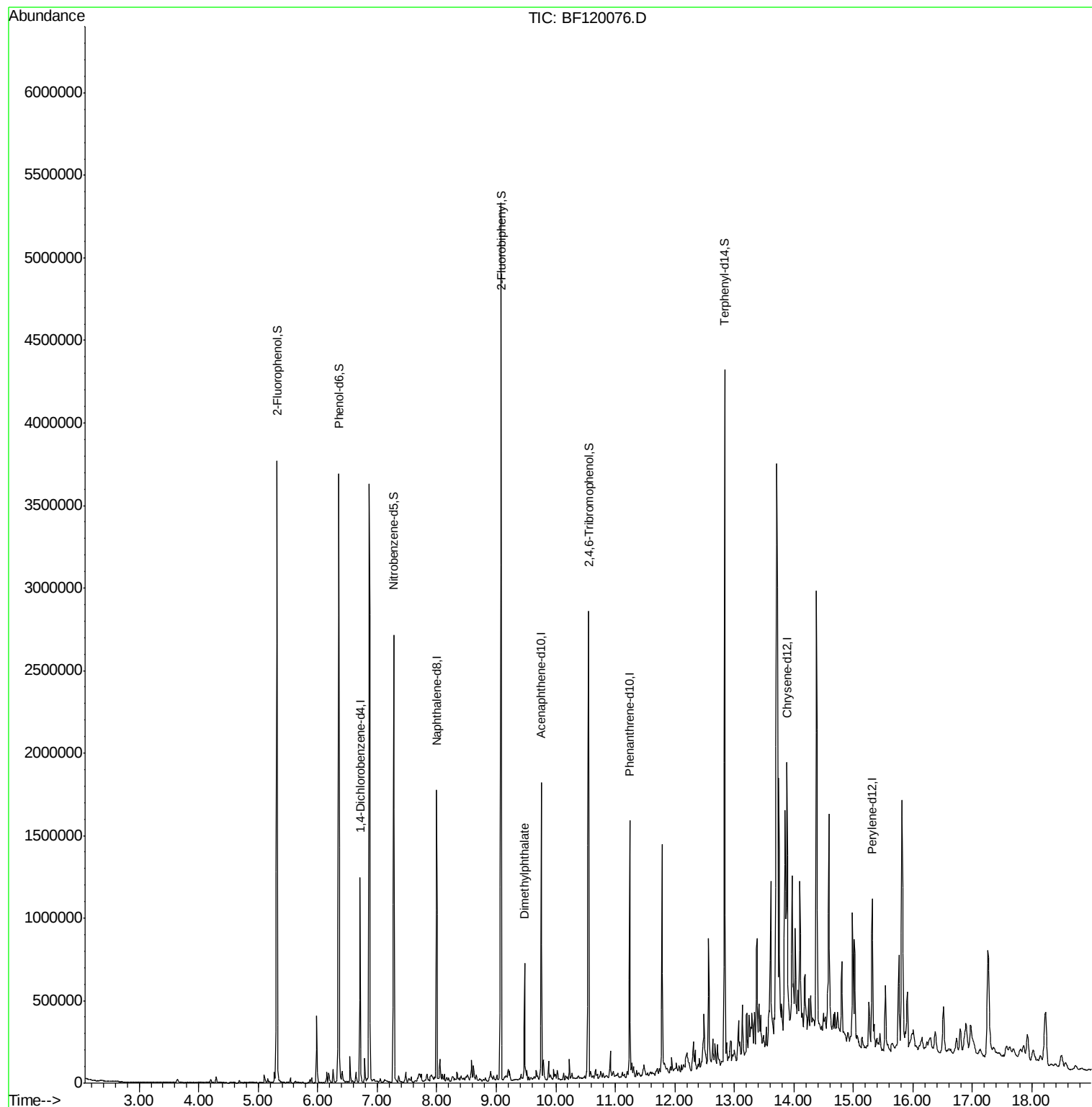
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	180213	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	688678	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	331825	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	596859	20.00	ng	0.00
76) Chrysene-d12	13.89	240	394314	20.00	ng	-0.01
87) Perylene-d12	15.32	264	362679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1069488	102.56	ng	0.00
7) Phenol-d6	6.36	99	1358974	101.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	900560	67.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	349423	86.01	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1701168	72.79	ng	0.00
79) Terphenyl-d14	12.84	244	1449846	61.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	240007	9.351	ng	Qvalue 99

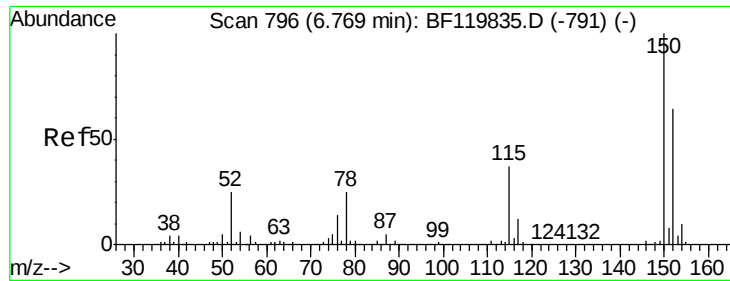
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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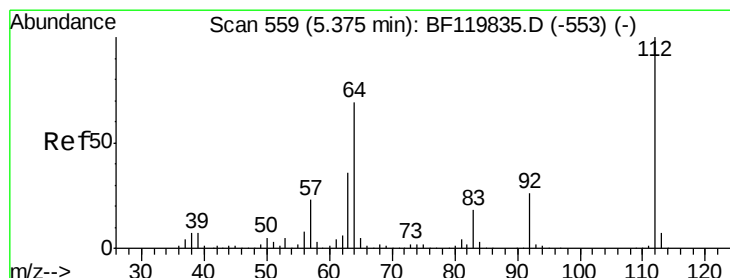
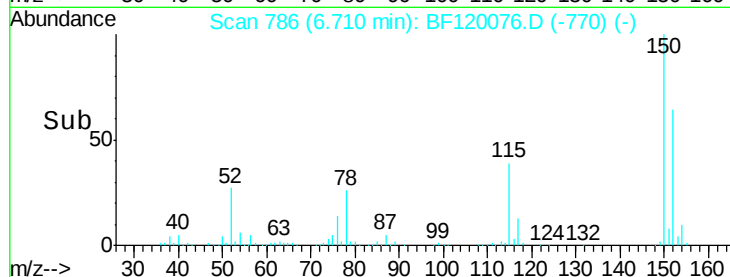
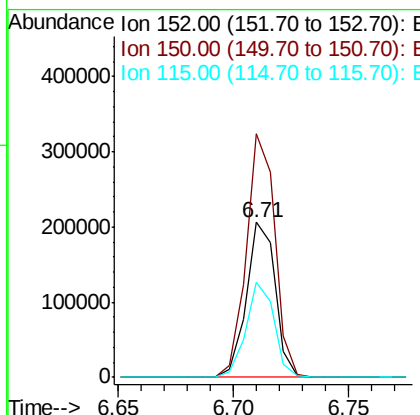
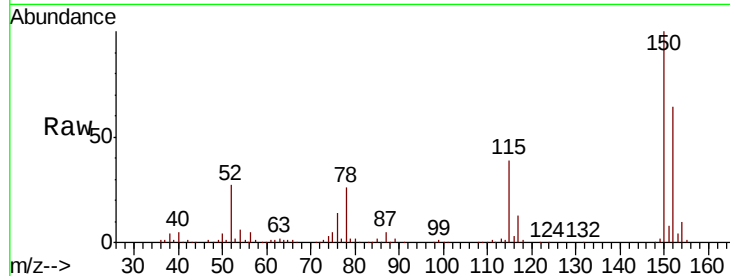


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

Instrument :
BNA_F
ClientSampleId :
BG-1

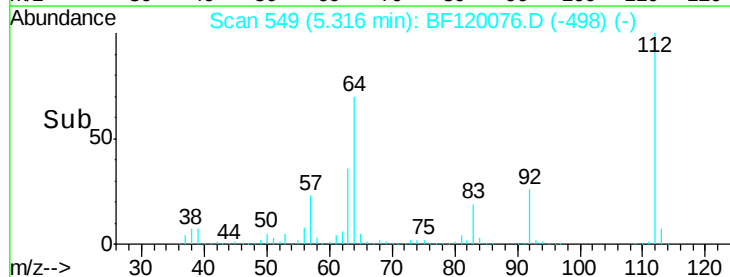
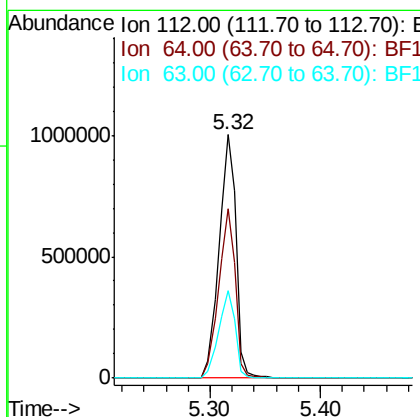
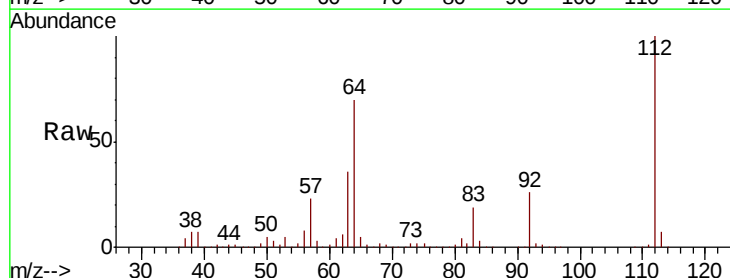
Tot Ion:152 Resp: 180213
Ion Ratio Lower Upper
152 100
150 157.0 124.8 187.2
115 61.1 46.5 69.7



#5

2-Fluorophenol
Concen: 102.560 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

Tgt Ion:112 Resp: 1069488
Ion Ratio Lower Upper
112 100
64 69.5 55.5 83.3
63 35.9 29.1 43.7





#7

Phenol-d6

Concen: 101.138 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

Instrument :

BNA_F

ClientSampleId :

BG-1

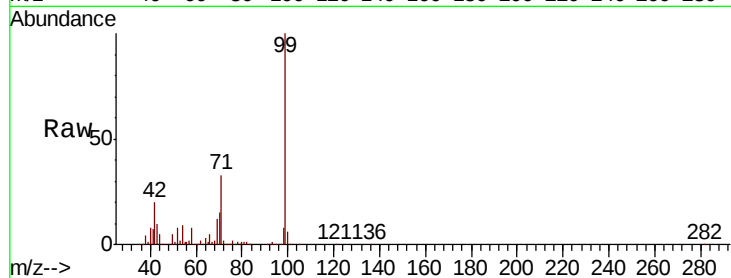
Tot Ion: 99 Resp: 1358974

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

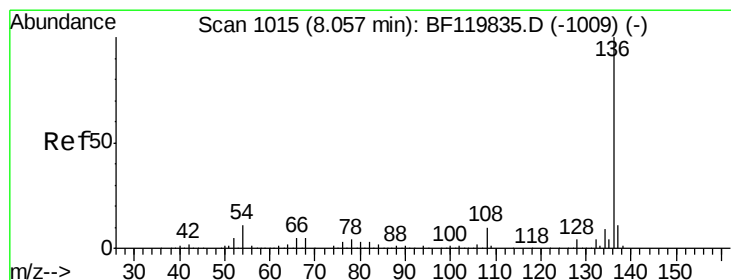
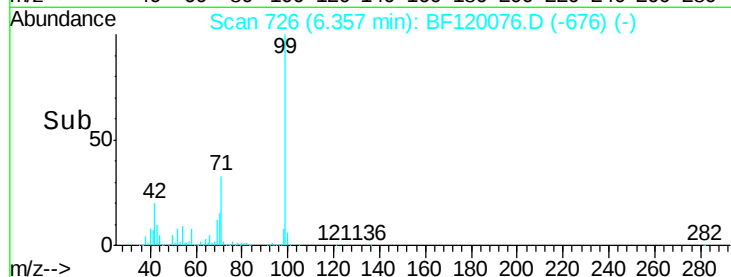
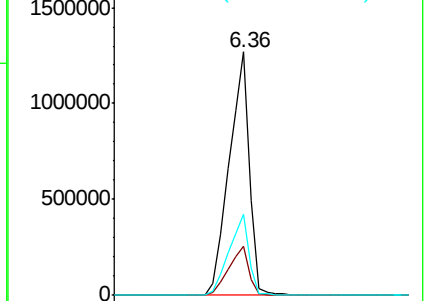
71 33.1 26.3 39.5



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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

Tgt Ion: 136 Resp: 688678

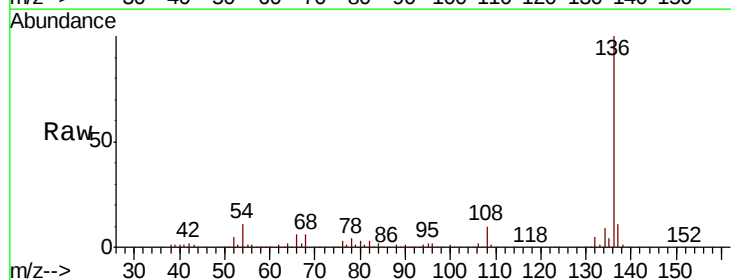
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.5 8.5 12.7

68 5.9 3.9 5.9#

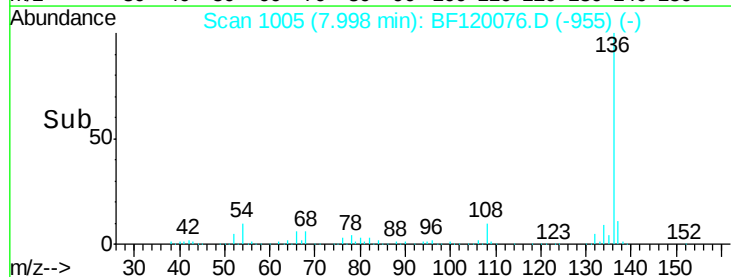
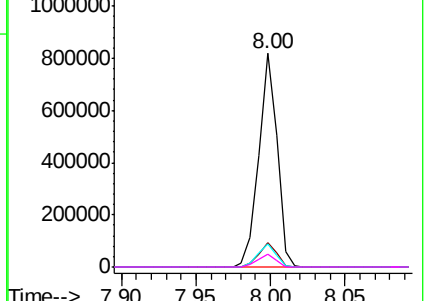


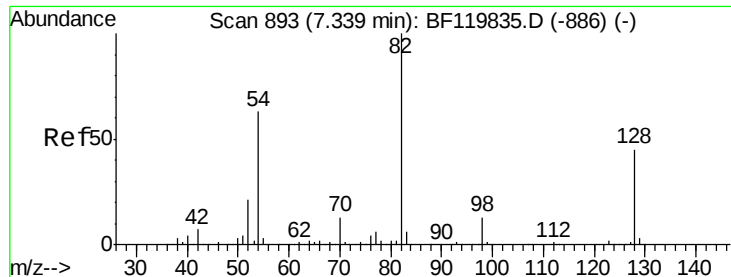
Abundance Ion 136.00 (135.70 to 136.70): E

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

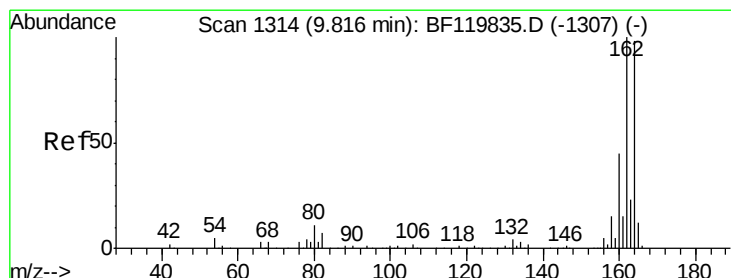
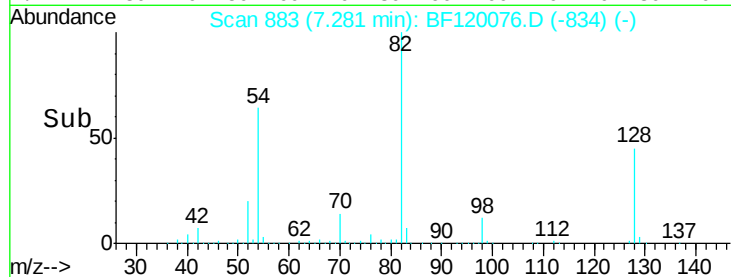
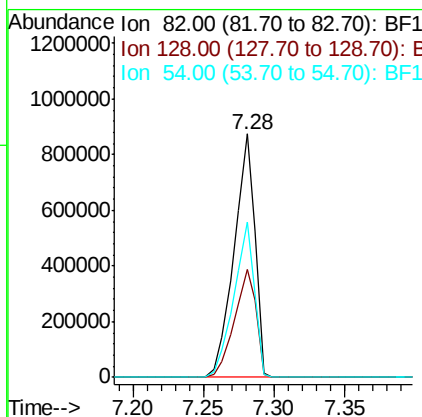
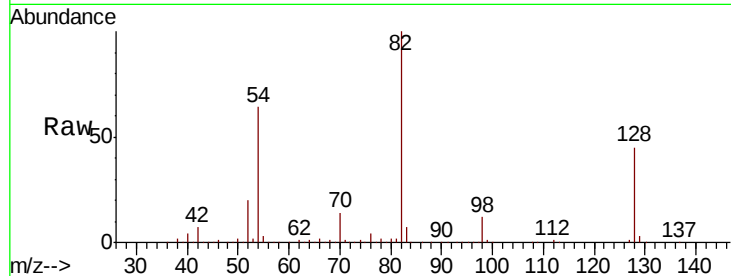




#23
 Nitrobenzene-d5
 Concen: 67.650 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

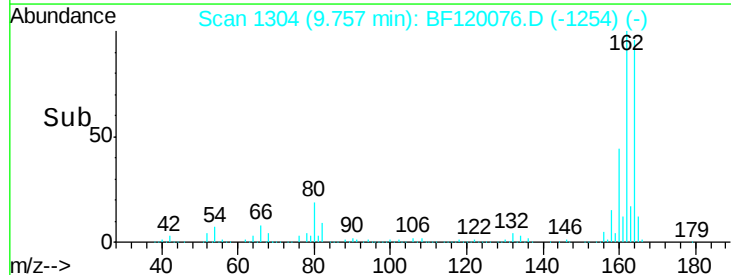
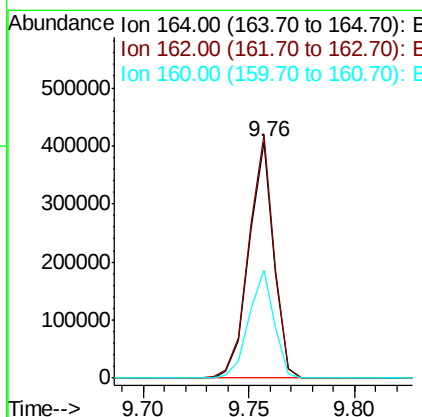
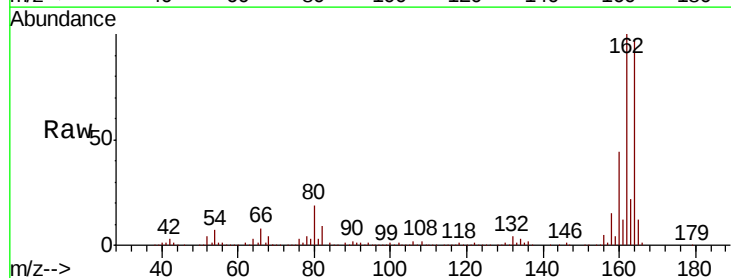
Instrument :
 BNA_F
 ClientSampled :
 BG-1

Tot Ion: 82 Resp: 900560
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.2 54.4
 54 64.0 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

Tgt Ion: 164 Resp: 331825
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.9 122.9
 160 45.9 36.6 54.8

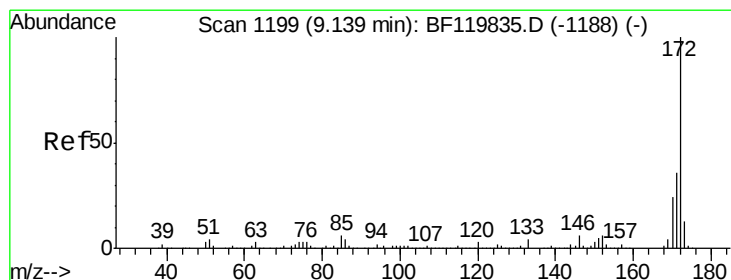
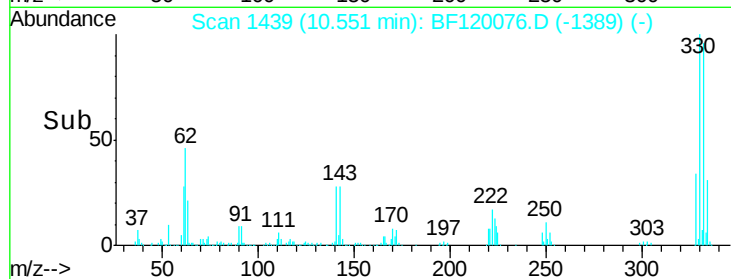
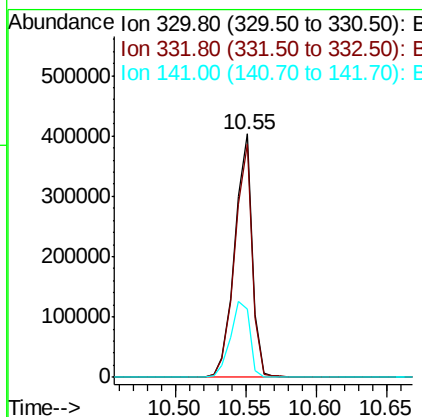
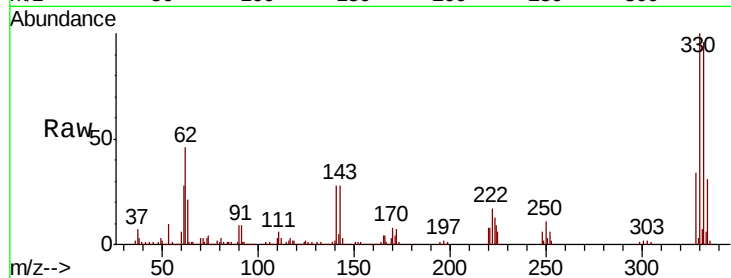




#42
 2,4,6-Tribromophenol
 Concen: 86.008 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

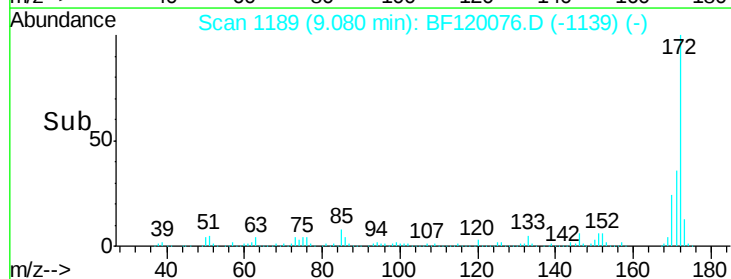
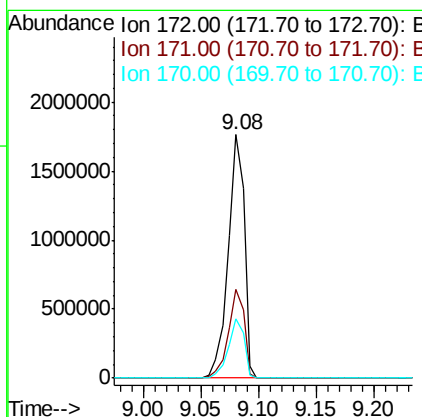
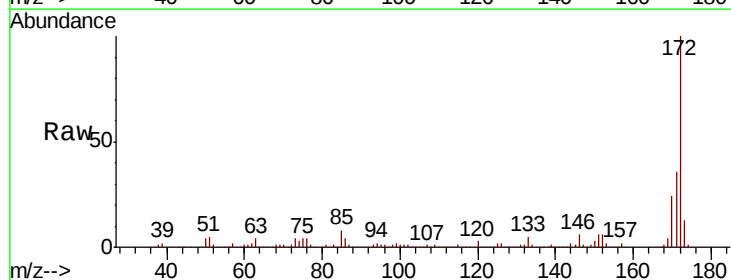
Instrument :
 BNA_F
 ClientSampled :
 BG-1

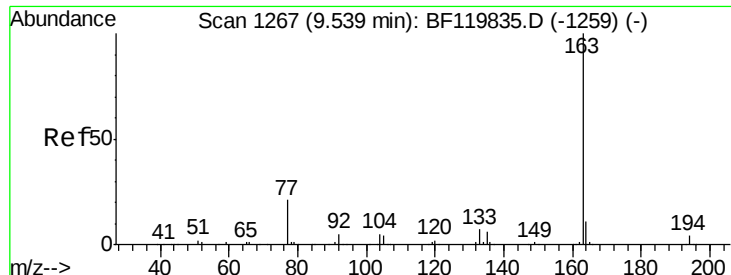
Tot Ion:330 Resp: 349423
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 35.1 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 72.788 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

Tgt Ion:172 Resp: 1701168
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.3 19.4 29.2

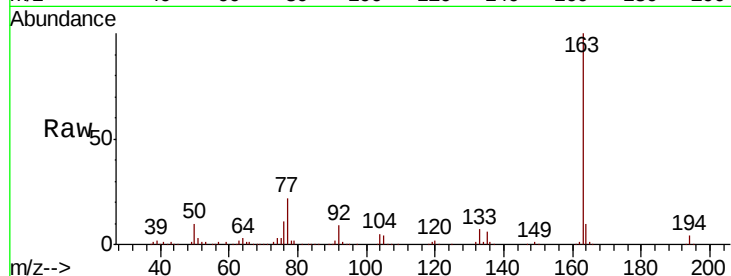




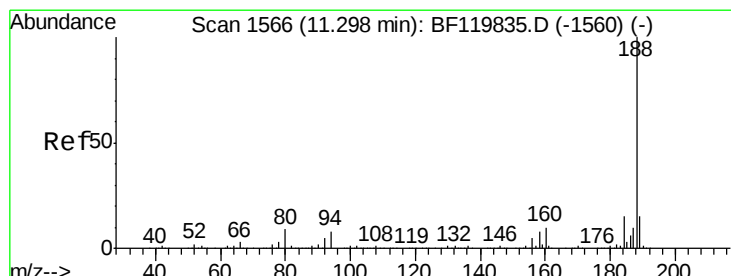
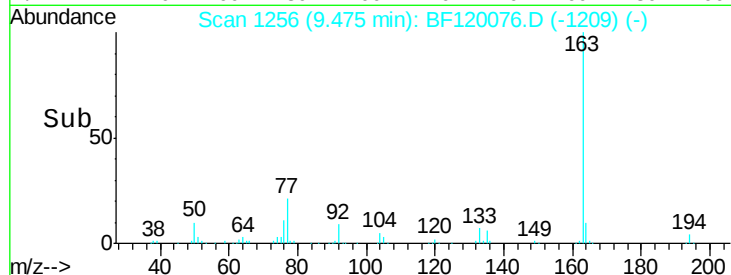
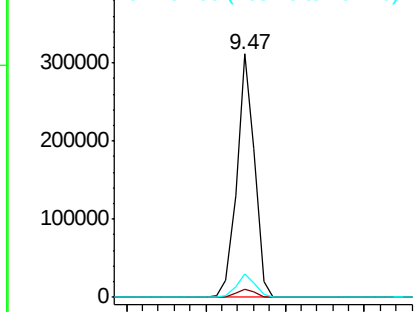
#50
Dimethylphthalate
Concen: 9.351 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

Instrument :
BNA_F
ClientSampleId :
BG-1

Tot Ion:163	Resp:	240007
Ion Ratio	Lower	Upper
163	100	
194	3.6	3.0 4.4
164	9.8	8.4 12.6

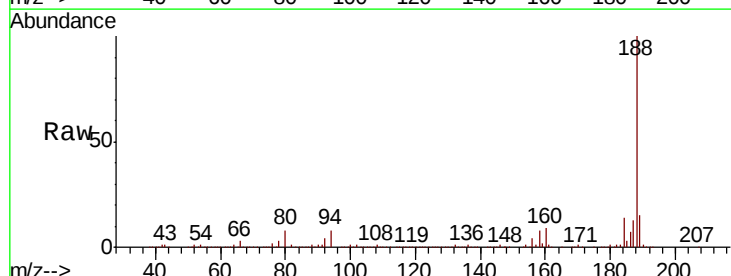


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

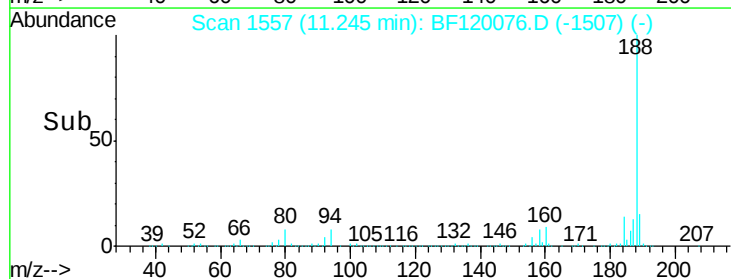
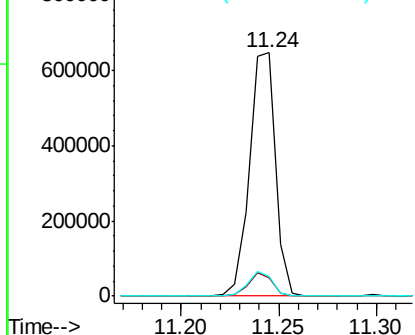


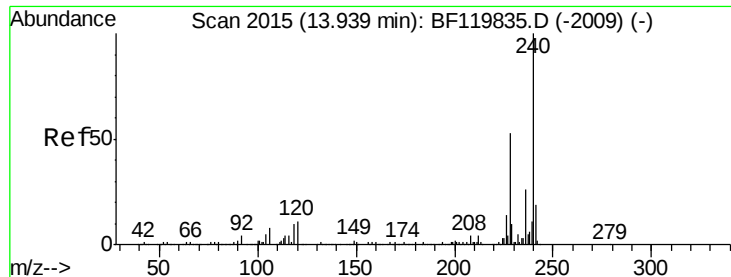
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

Tgt Ion:188	Resp:	596859
Ion Ratio	Lower	Upper
188	100	
94	7.6	6.7 10.1
80	7.8	7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

Instrument :

BNA_F

ClientSampled :

BG-1

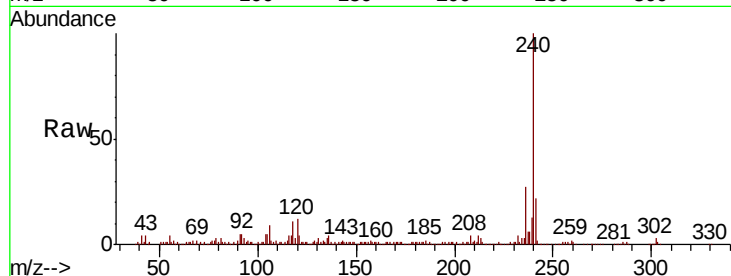
Tot Ion:240 Resp: 394314

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.6

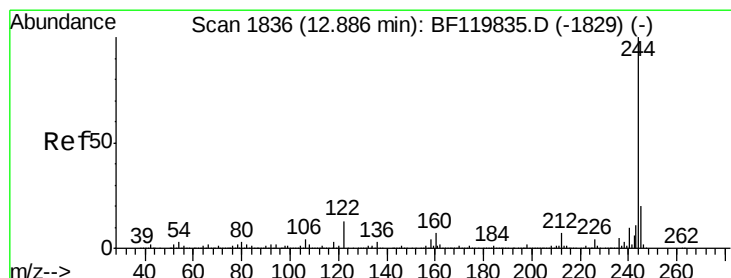
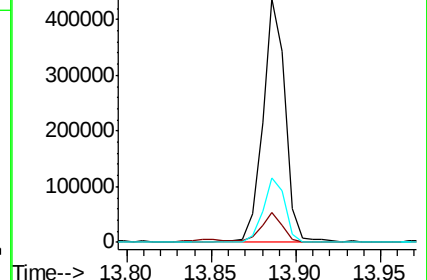
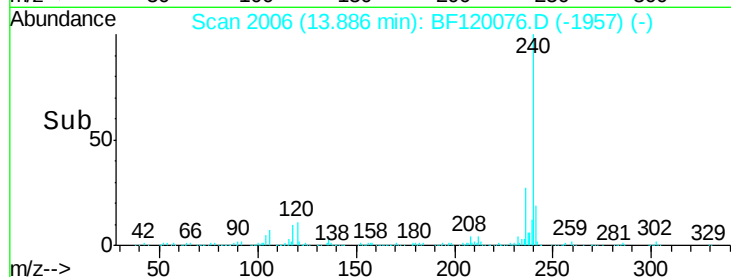
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 61.869 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

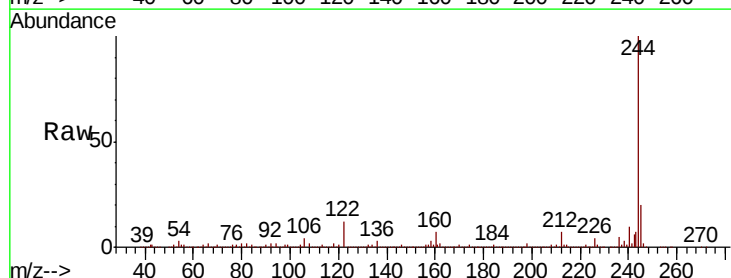
Tgt Ion:244 Resp: 1449846

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

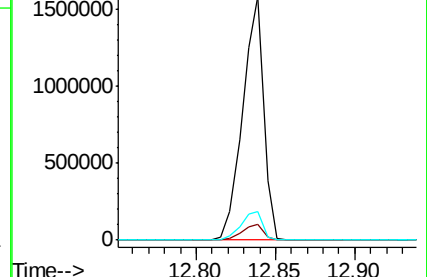
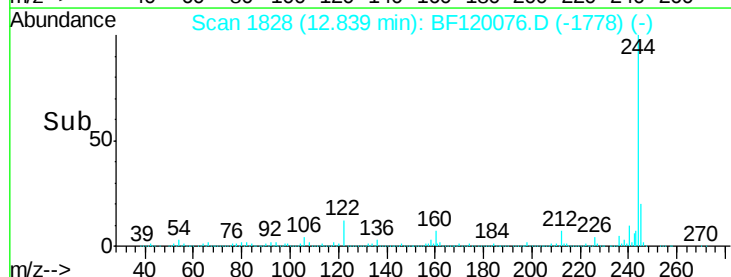
122 11.5 10.3 15.5

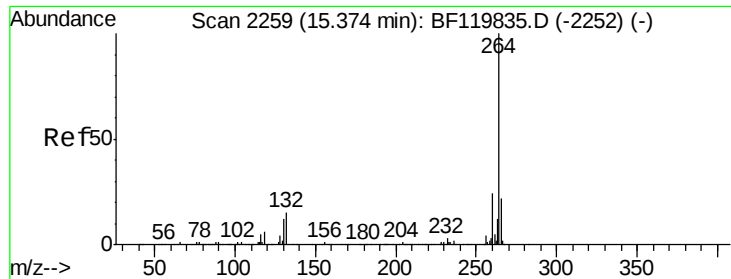


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

Instrument :
BNA_F
ClientSampleId :
BG-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.3	28.9
265	21.2	17.6	26.4

