

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120230.D
 Acq On : 27 Apr 2020 20:21
 Operator : MA/SJ
 Sample : L2405-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-12

Quant Time: Apr 28 02:16:48 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 27 12:17:15 2020
 Response via : Initial Calibration

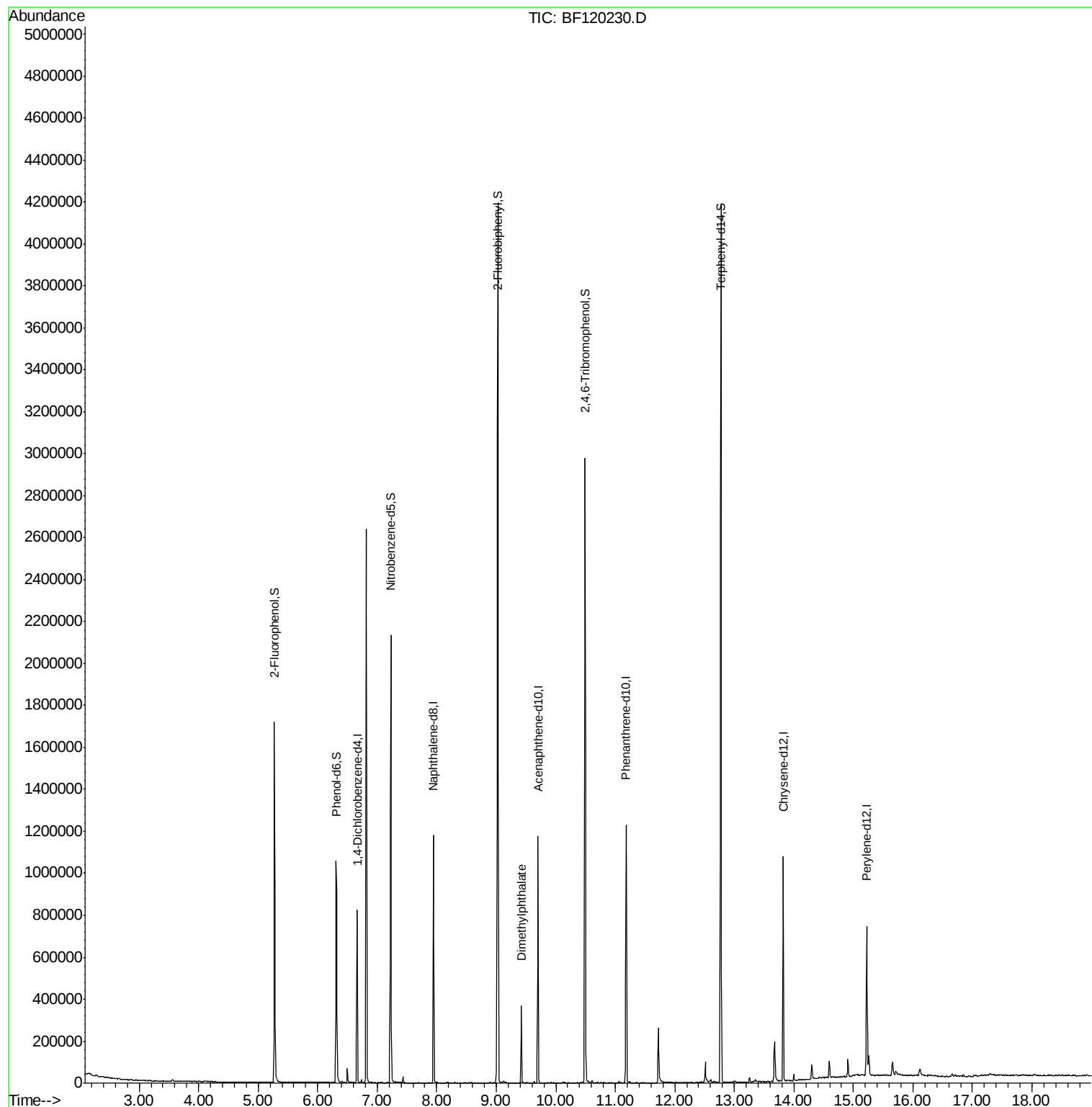
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	124590	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	486377	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	224453	20.00	ng	-0.01
64) Phenanthrene-d10	11.18	188	487723	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	340274	20.00	ng	-0.02
87) Perylene-d12	15.23	264	302816	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	436119	60.49	ng	0.00
7) Phenol-d6	6.31	99	355359	38.25	ng	-0.02
23) Nitrobenzene-d5	7.23	82	753988	80.20	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	342174	124.51	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1303053	82.42	ng	0.00
79) Terphenyl-d14	12.78	244	1705777	84.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	130340	7.508	ng	Qvalue 99

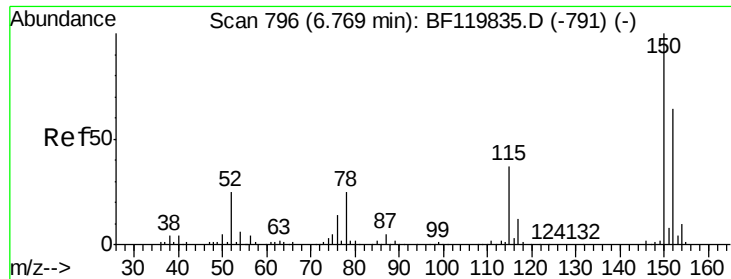
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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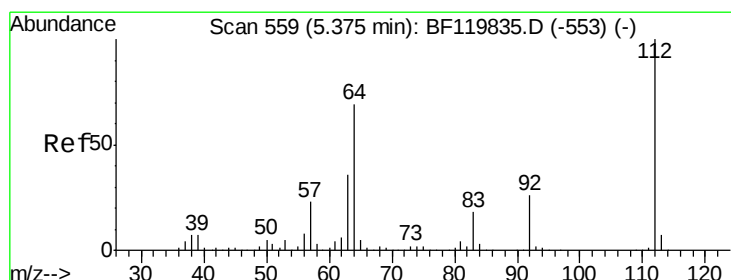
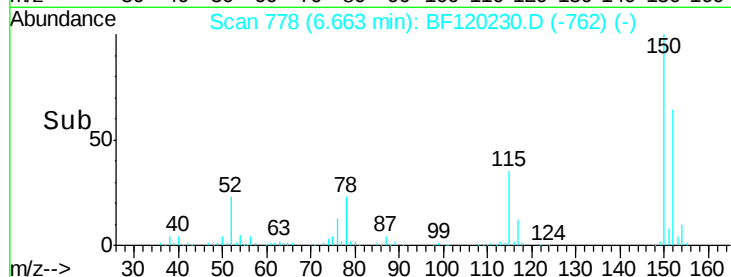
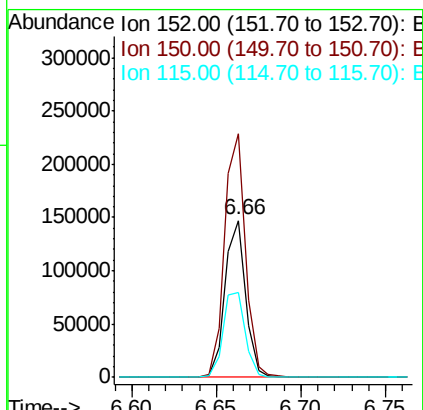
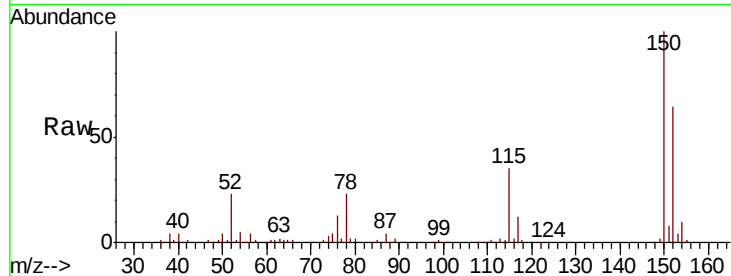




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF120230.D
 Acq: 27 Apr 2020 20:21

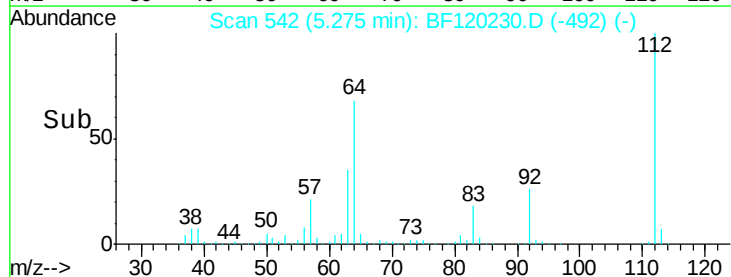
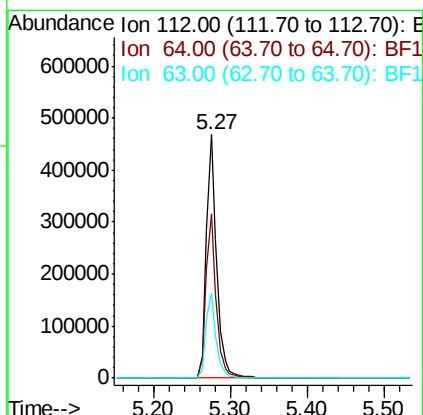
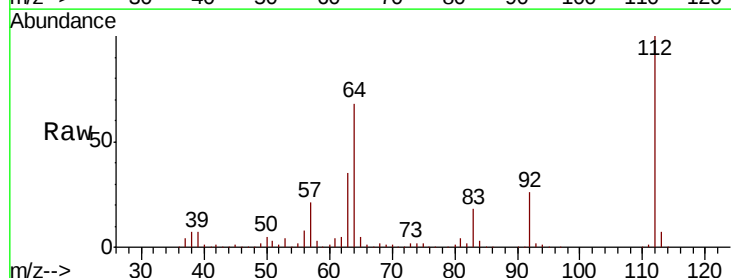
Instrument :
 BNA_F
 ClientSampleId :
 HW-12

Tot Ion:152 Resp: 124590
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.5 186.7
 115 54.0 49.6 74.4



#5
 2-Fluorophenol
 Concen: 60.494 ng
 RT: 5.27 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF120230.D
 Acq: 27 Apr 2020 20:21

Tgt Ion:112 Resp: 436119
 Ion Ratio Lower Upper
 112 100
 64 67.7 56.7 85.1
 63 35.1 29.5 44.3





#7

Phenol-d6

Concen: 38.254 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120230.D

Acq: 27 Apr 2020 20:21

Instrument :

BNA_F

ClientSampleId :

HW-12

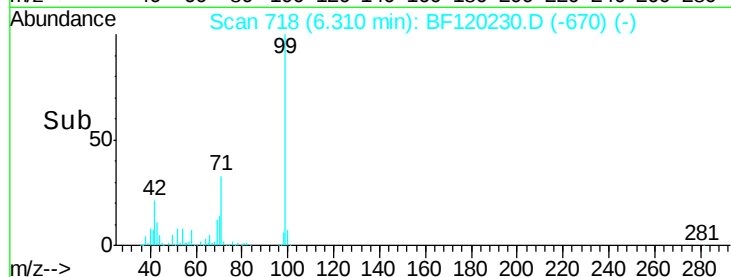
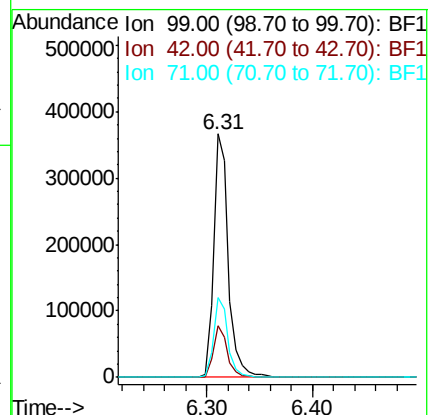
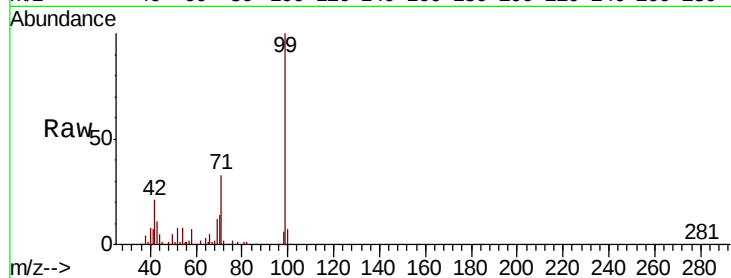
Tot Ion: 99 Resp: 355359

Ion Ratio Lower Upper

99 100

42 21.3 16.6 24.8

71 32.8 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120230.D

Acq: 27 Apr 2020 20:21

Tgt Ion: 136 Resp: 486377

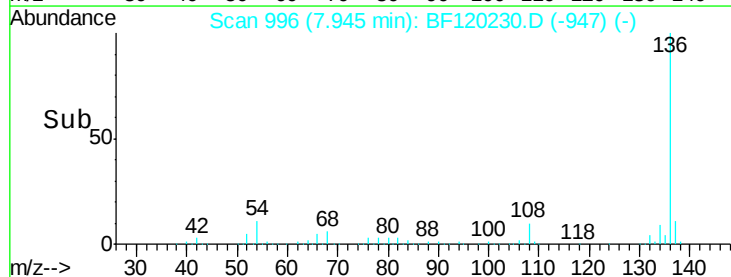
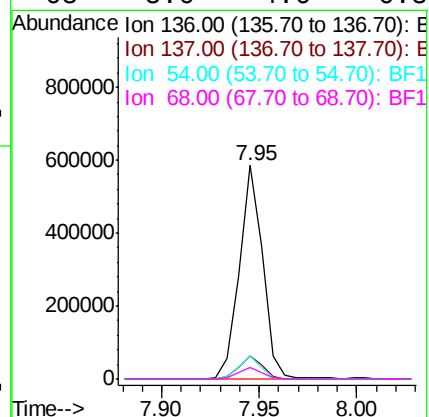
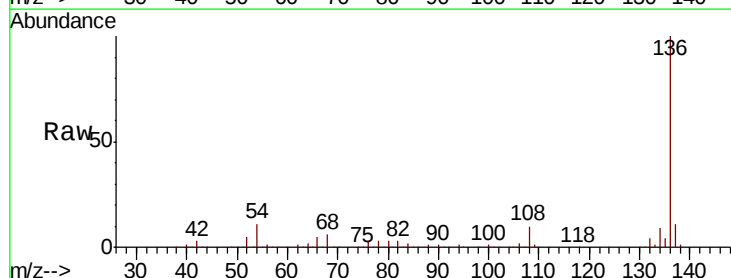
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.5 9.1 13.7

68 5.6 4.6 6.8

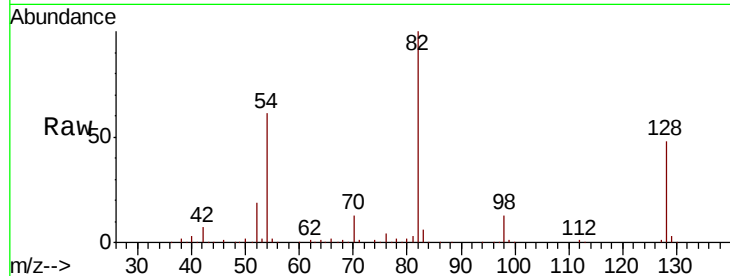




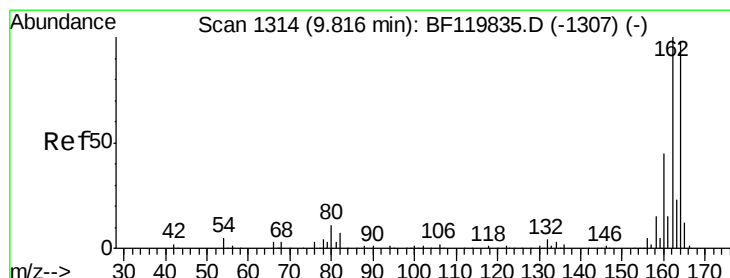
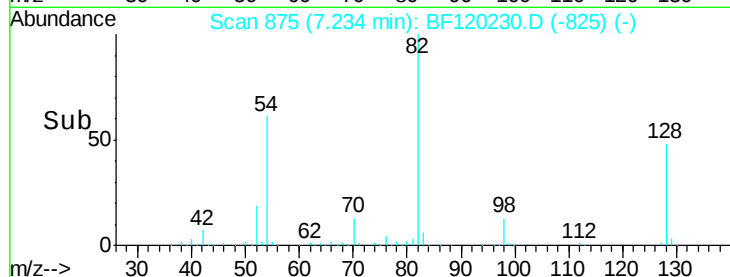
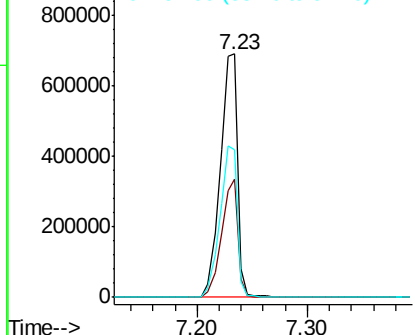
#23
 Nitrobenzene-d5
 Concen: 80.198 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120230.D
 Acq: 27 Apr 2020 20:21

Instrument :
 BNA_F
 ClientSampled :
 HW-12

Tot Ion: 82 Resp: 753988
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.3 54.5
 54 60.7 50.6 75.8

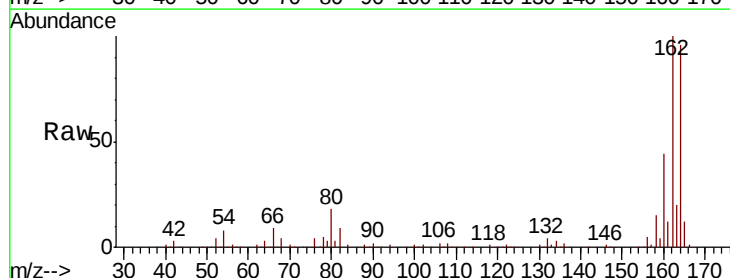


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

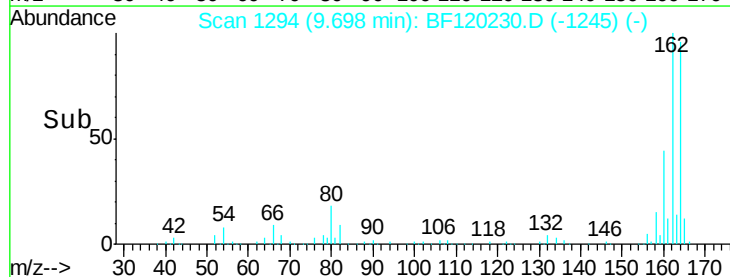
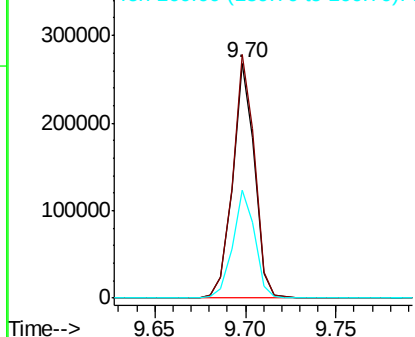


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF120230.D
 Acq: 27 Apr 2020 20:21

Tgt Ion: 164 Resp: 224453
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.6 121.0
 160 46.1 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

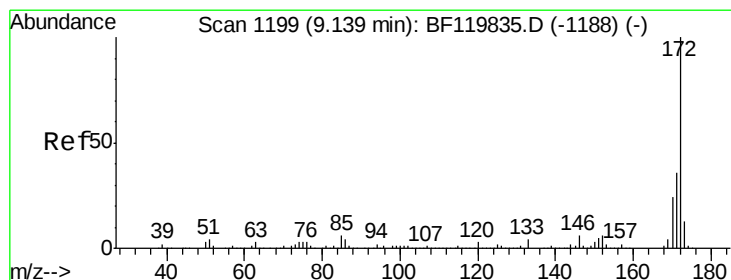
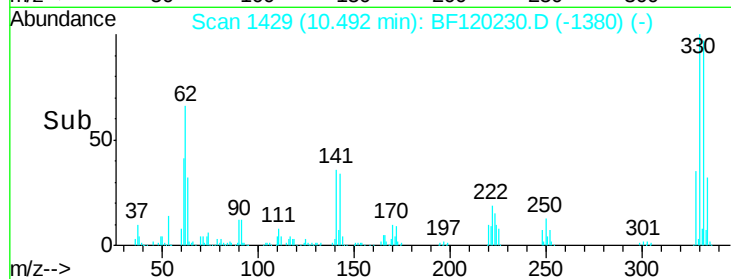
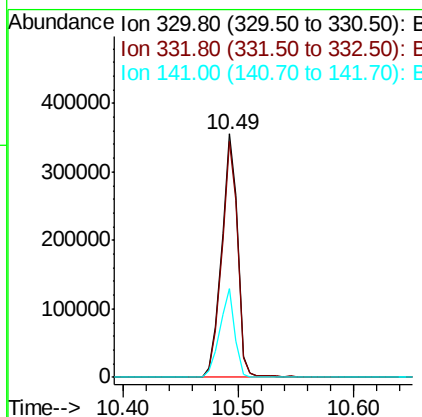
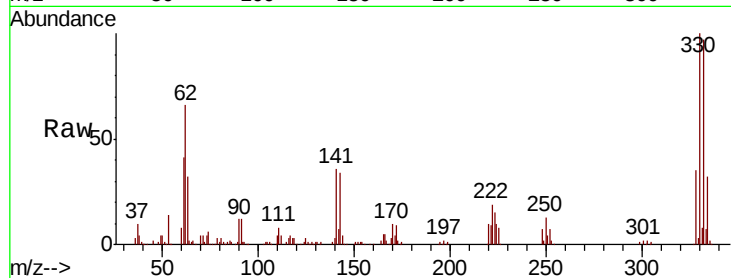




#42
 2,4,6-Tribromophenol
 Concen: 124.514 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120230.D
 Acq: 27 Apr 2020 20:21

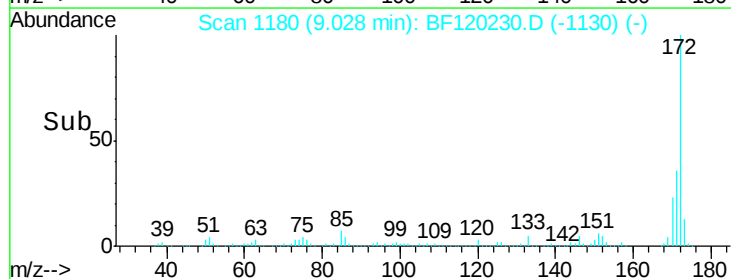
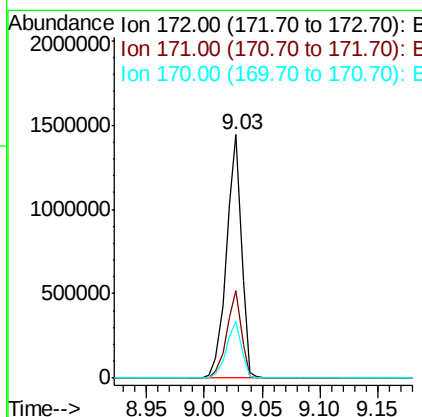
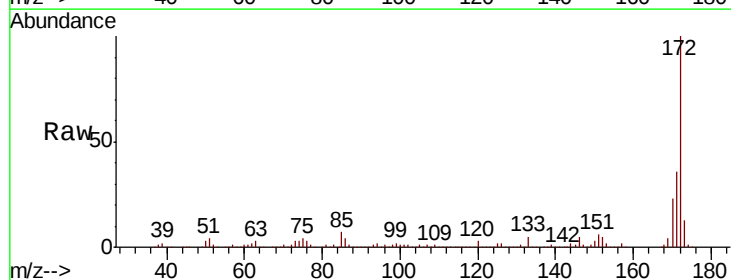
Instrument :
 BNA_F
 ClientSampleId :
 HW-12

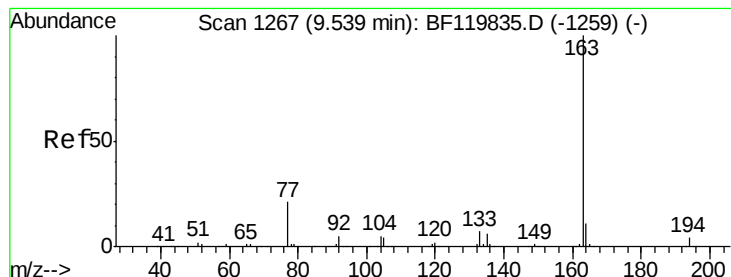
Tot Ion:330 Resp: 342174
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 34.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 82.425 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120230.D
 Acq: 27 Apr 2020 20:21

Tgt Ion:172 Resp: 1303053
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.3 20.2 30.2





#50

Dimethylphthalate

Concen: 7.508 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120230.D

Acq: 27 Apr 2020 20:21

Instrument :

BNA_F

ClientSampleId :

HW-12

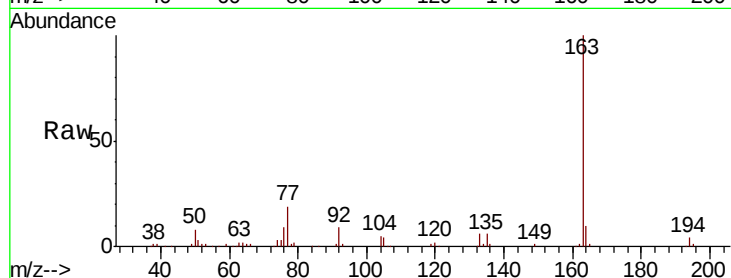
Tot Ion:163 Resp: 130340

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

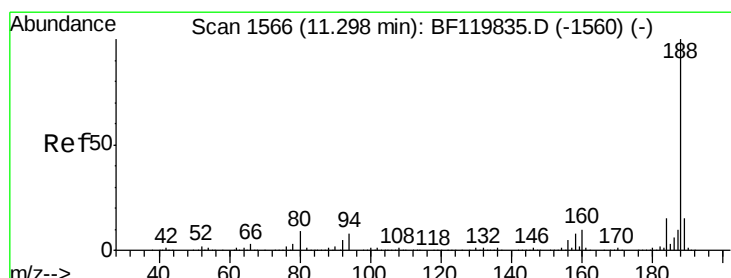
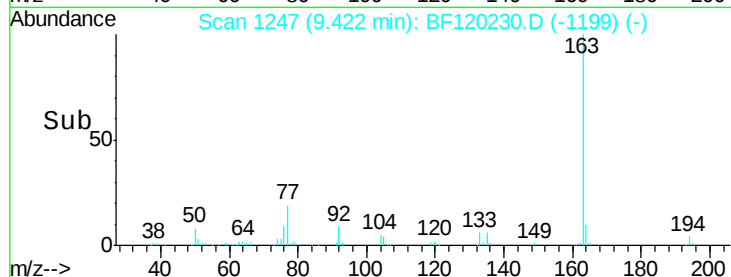
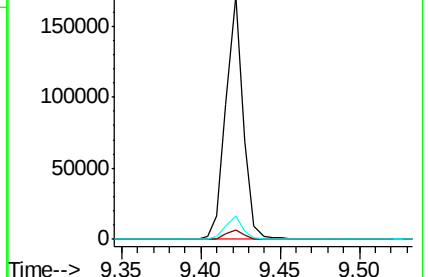
164 9.8 8.2 12.2



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: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF120230.D

Acq: 27 Apr 2020 20:21

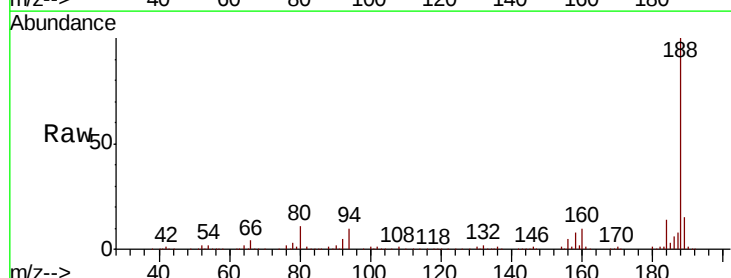
Tgt Ion:188 Resp: 487723

Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

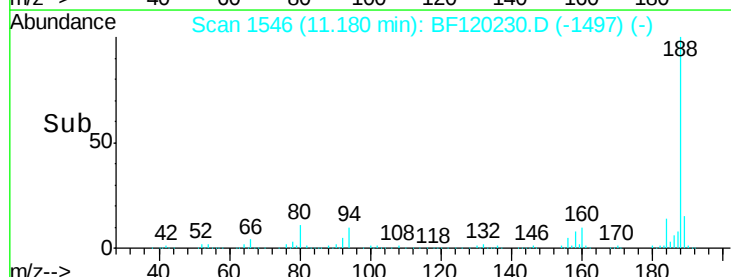
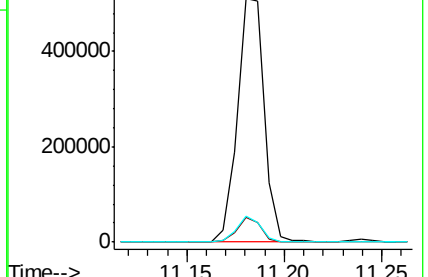
80 10.8 9.0 13.4

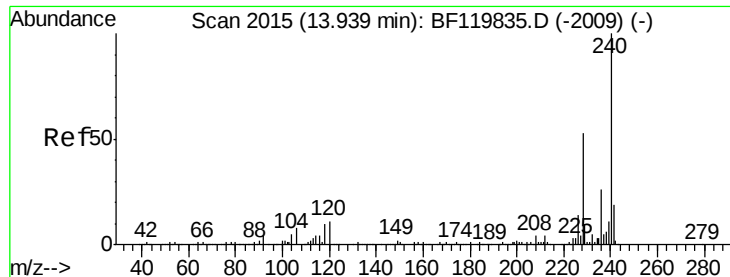


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF120230.D

Acq: 27 Apr 2020 20:21

Instrument :

BNA_F

ClientSampleId :

HW-12

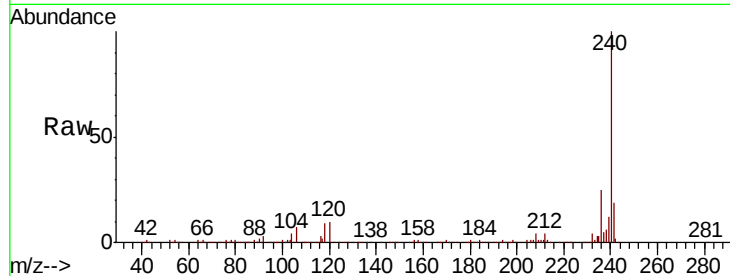
Tot Ion:240 Resp: 340274

Ion Ratio Lower Upper

240 100

120 10.1 10.6 15.8#

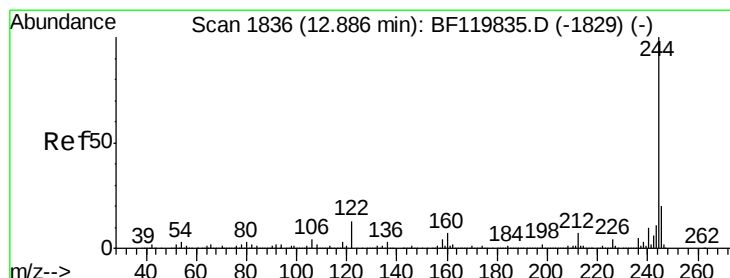
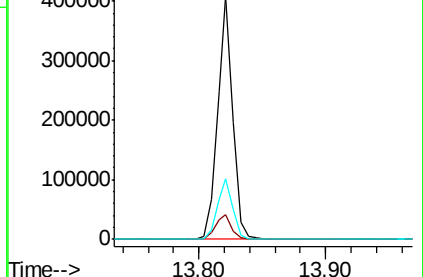
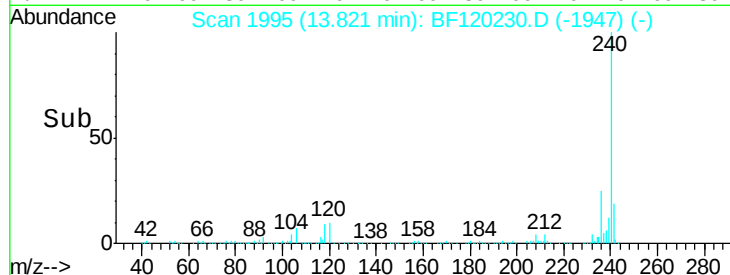
236 24.9 20.2 30.2



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: 84.351 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120230.D

Acq: 27 Apr 2020 20:21

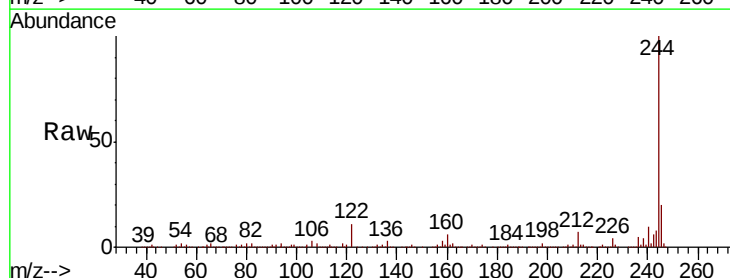
Tgt Ion:244 Resp: 1705777

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

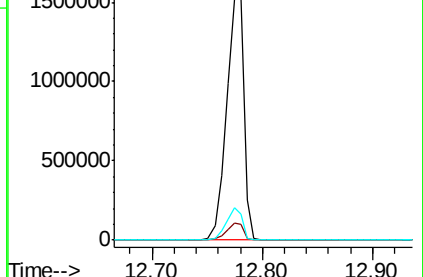
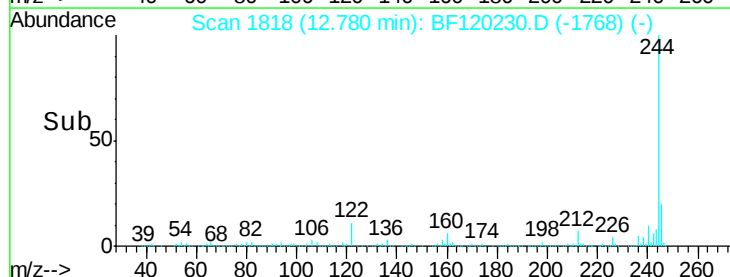
122 10.8 10.3 15.5

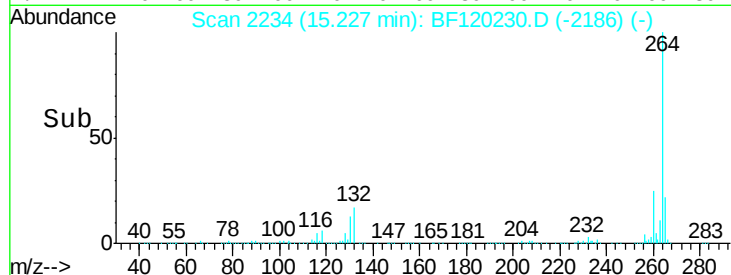
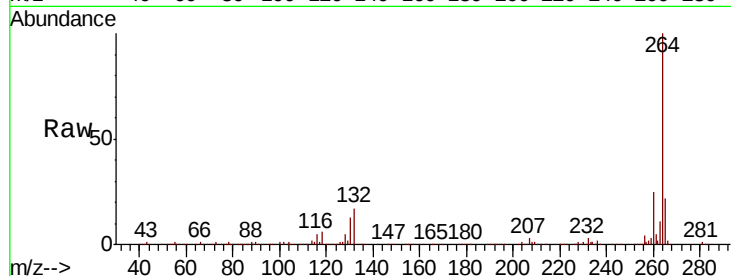
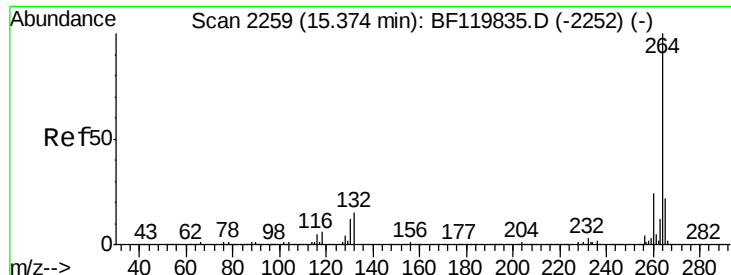


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120230.D
 Acq: 27 Apr 2020 20:21

Instrument :
 BNA_F
 ClientSampleId :
 HW-12

Tot Ion:	264	Resp:	302816
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.9	17.7	26.5

