

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120105.D
 Acq On : 21 Apr 2020 16:36
 Operator : MA/SJ
 Sample : L2331-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22A

Quant Time: Apr 22 02:57:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

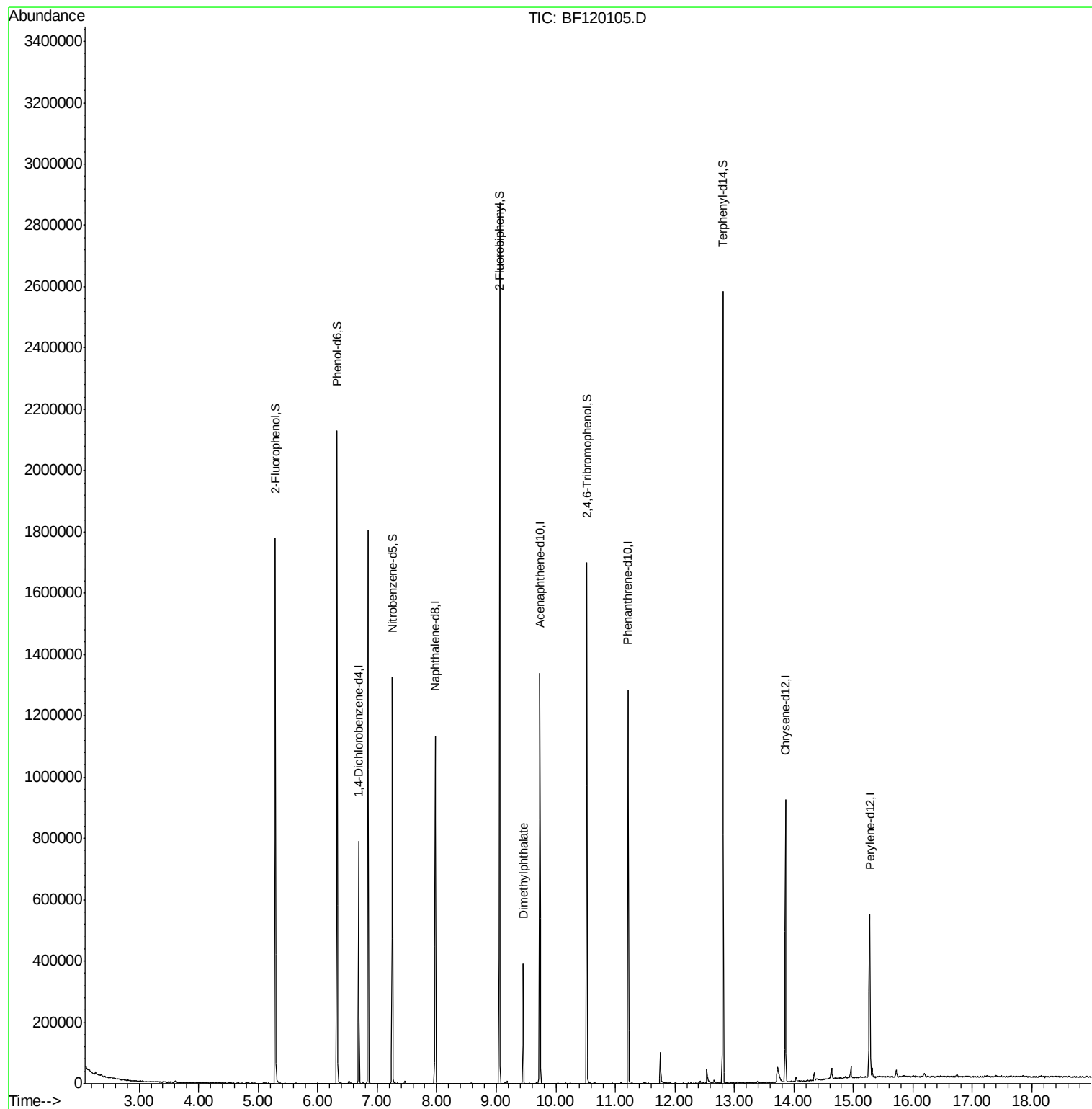
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	120010	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	472018	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	242710	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	455124	20.00	ng	0.00
76) Chrysene-d12	13.86	240	289559	20.00	ng	-0.01
87) Perylene-d12	15.27	264	236848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	469644	67.63	ng	0.00
7) Phenol-d6	6.33	99	622150	69.53	ng	0.00
23) Nitrobenzene-d5	7.26	82	382223	41.89	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	168479	56.70	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	776107	45.40	ng	0.00
79) Terphenyl-d14	12.81	244	843978	49.04	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.45	163	138304	7.367	ng	99

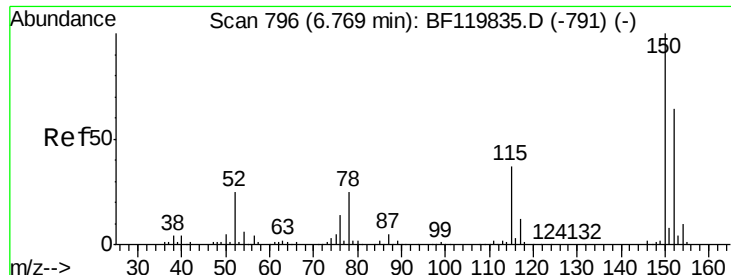
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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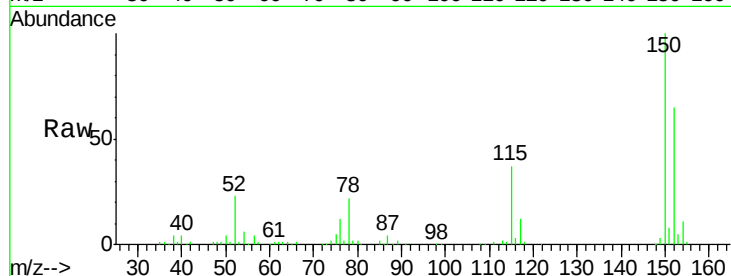


#1

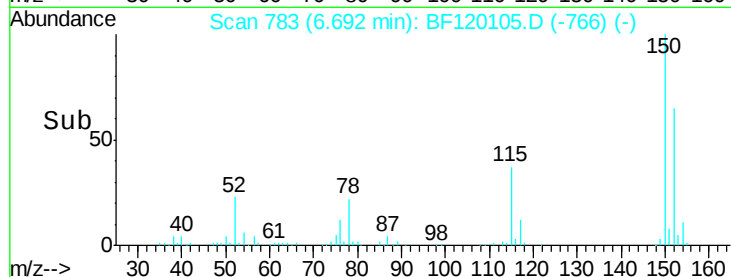
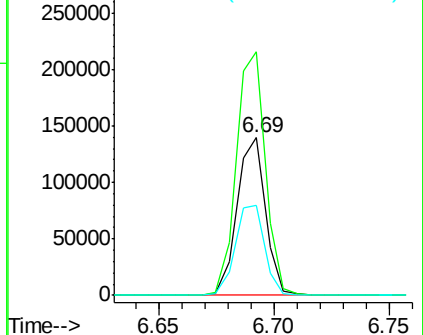
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120105.D
Acq: 21 Apr 2020 16:36

Instrument :
BNA_F
ClientSampled :
TP-22A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.8	187.2
115	57.4	46.5	69.7



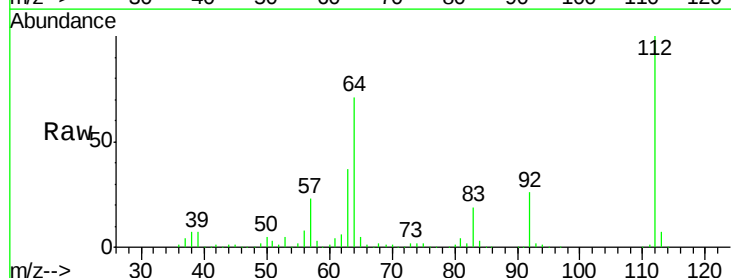
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



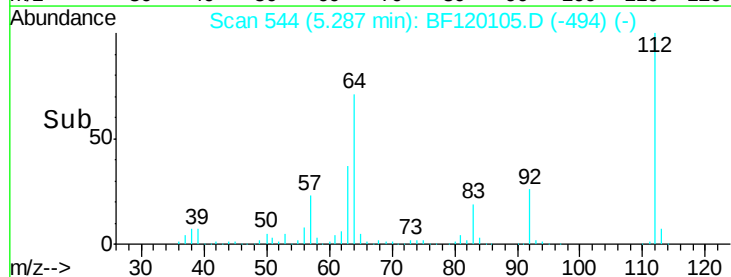
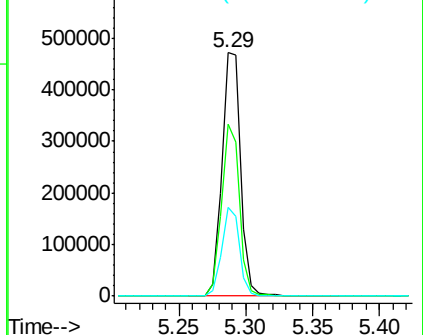
#5

2-Fluorophenol
Concen: 67.630 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF120105.D
Acq: 21 Apr 2020 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.5	83.3
63	36.6	29.1	43.7



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: 69.529 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Instrument :

BNA_F

ClientSampled :

TP-22A

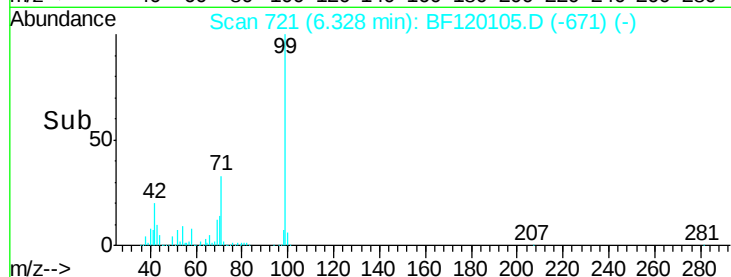
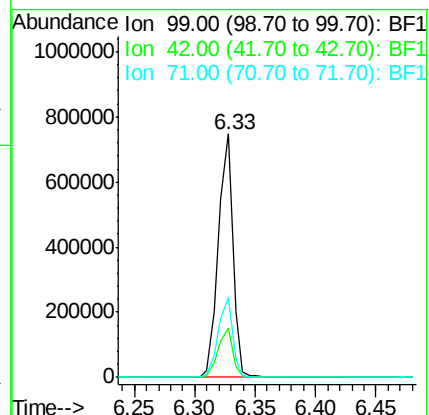
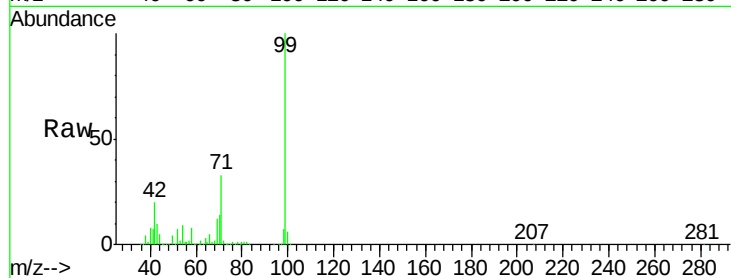
Tot Ion: 99 Resp: 622150

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

71 32.5 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Tgt Ion: 136 Resp: 472018

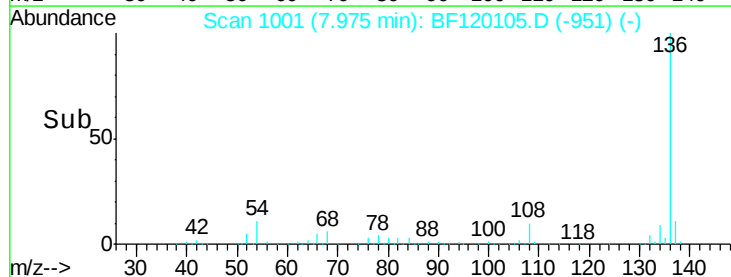
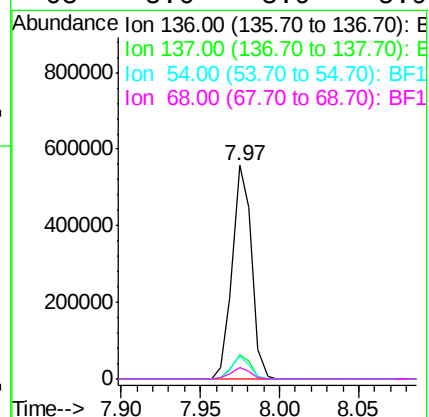
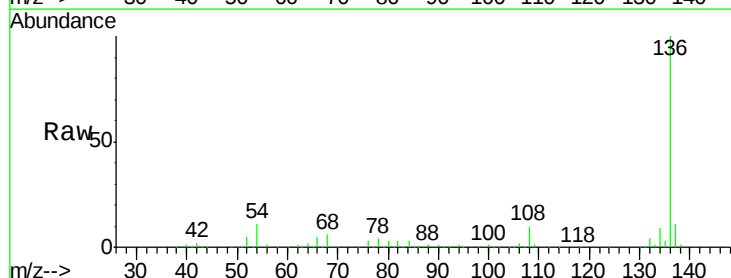
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.9 8.5 12.7

68 5.6 3.9 5.9

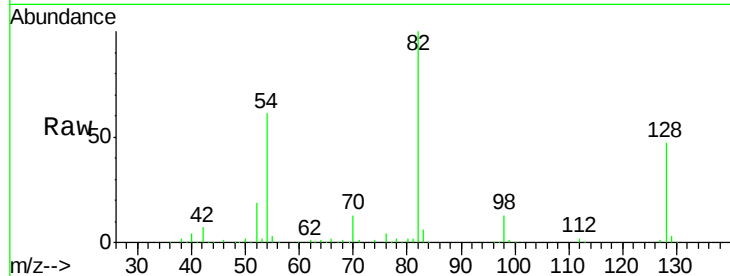




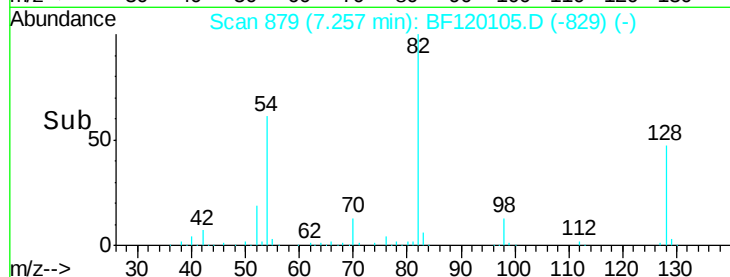
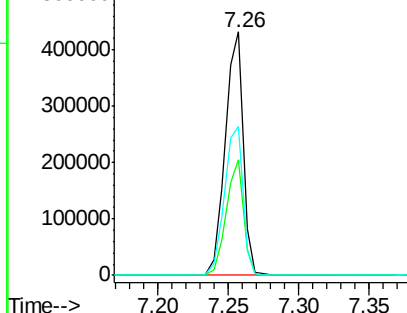
#23
 Nitrobenzene-d5
 Concen: 41.892 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

Instrument :
 BNA_F
 ClientSampled :
 TP-22A

Tot Ion	82	Resp	382223
Ion Ratio	100	Lower	Upper
128	47.4	36.2	54.4
54	61.1	50.4	75.6

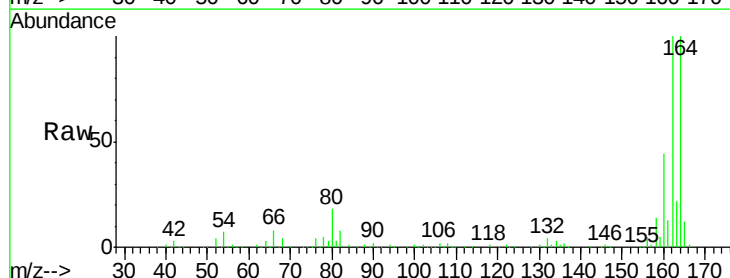


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

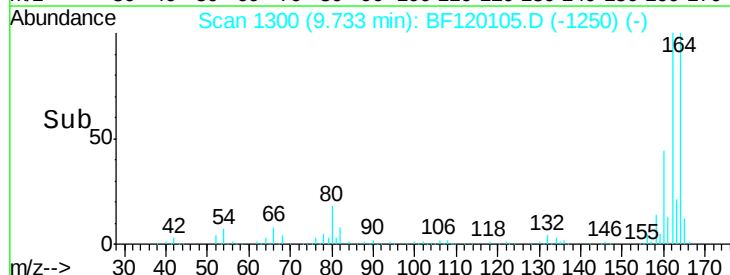
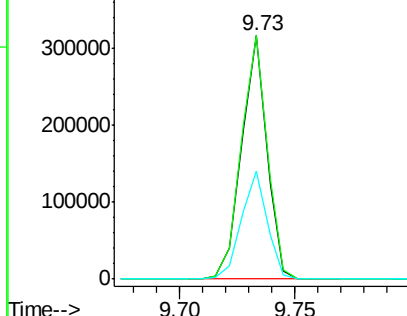


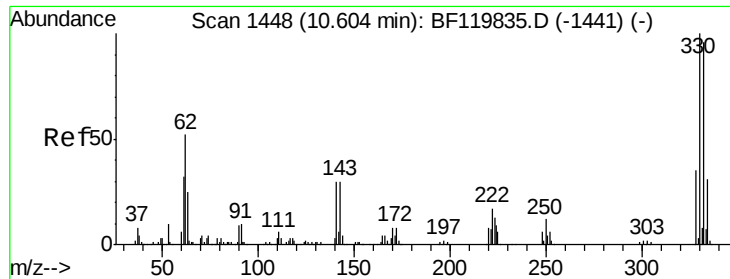
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

Tgt Ion	164	Resp	242710
Ion Ratio	100	Lower	Upper
162	99.9	81.9	122.9
160	44.2	36.6	54.8



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

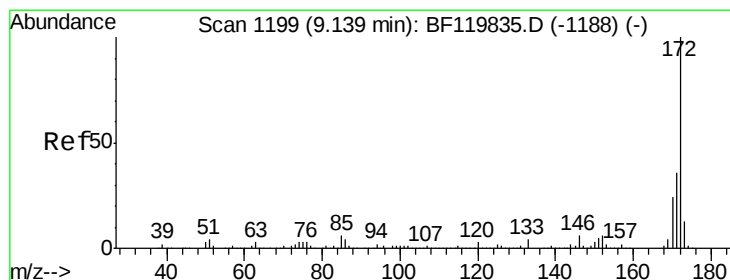
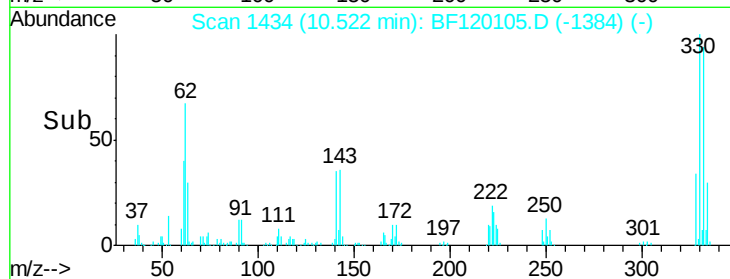
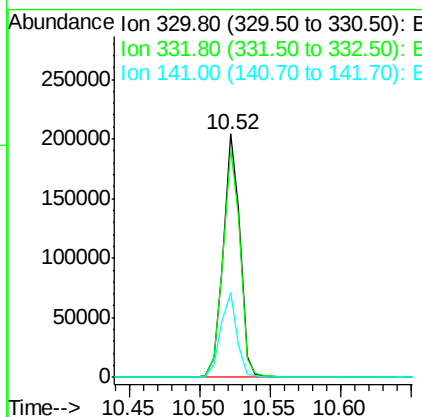
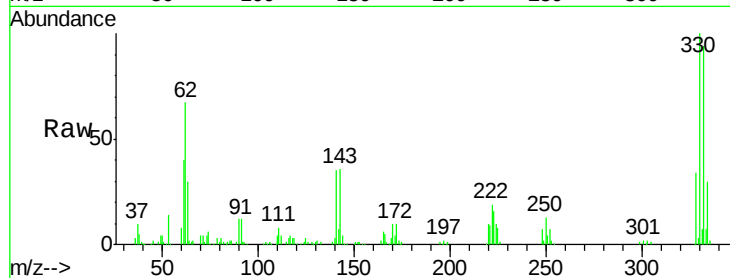




#42
 2,4,6-Tribromophenol
 Concen: 56.696 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

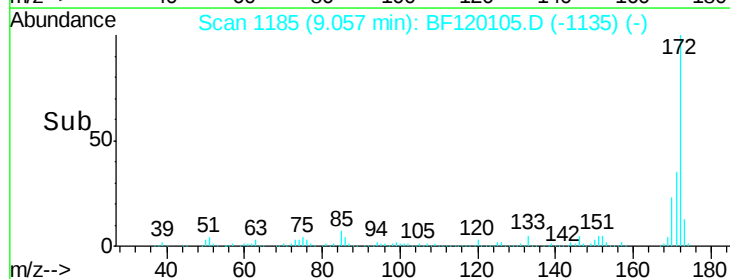
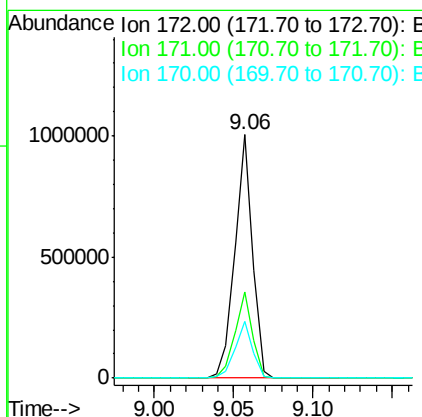
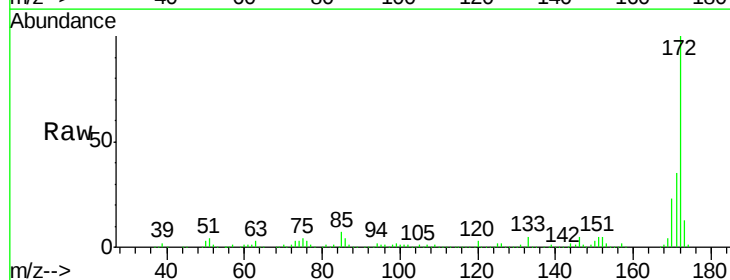
Instrument :
 BNA_F
 ClientSampled :
 TP-22A

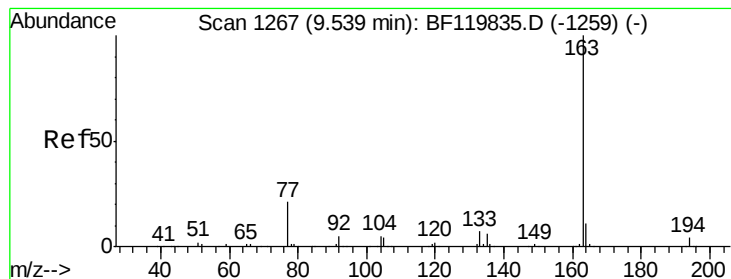
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	33.9	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 45.400 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	23.1	19.4	29.2





#50

Dimethylphthalate

Concen: 7.367 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

TP-22A

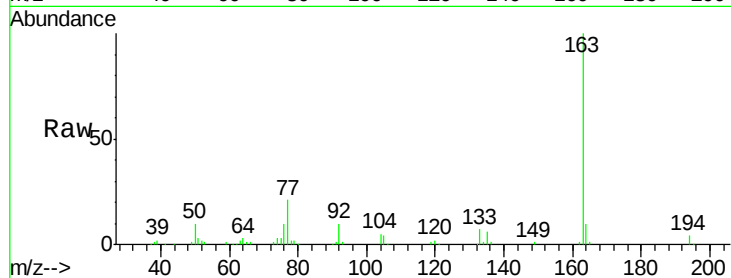
Tot Ion:163 Resp: 138304

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

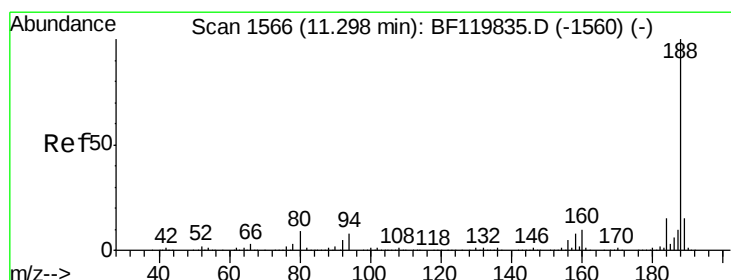
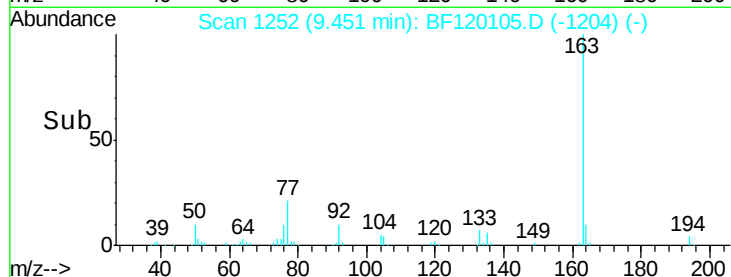
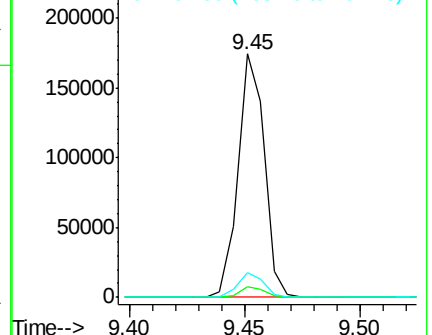
164 10.1 8.4 12.6



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: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

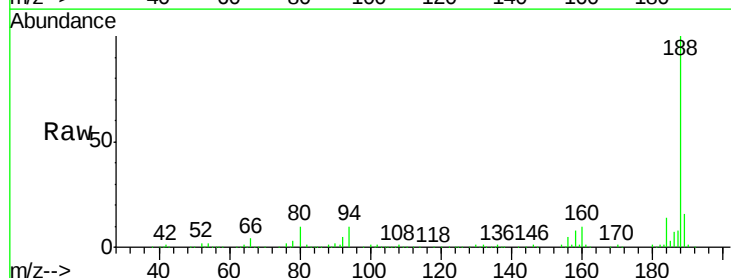
Tgt Ion:188 Resp: 455124

Ion Ratio Lower Upper

188 100

94 9.8 6.7 10.1

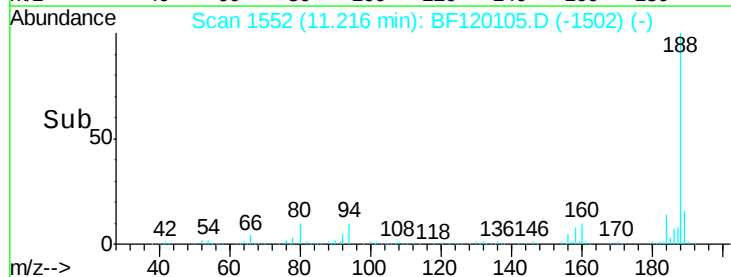
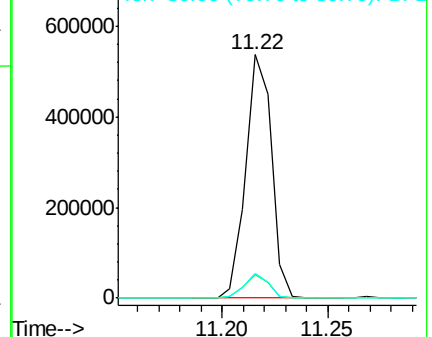
80 10.3 7.4 11.2

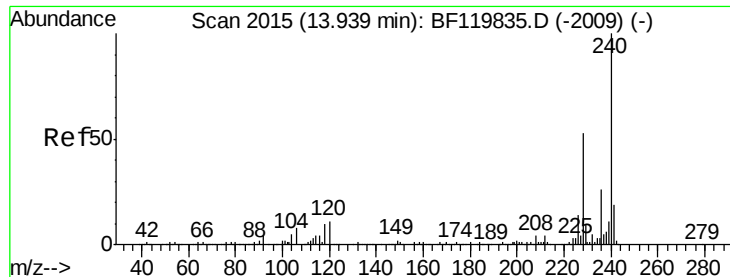


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

Instrument :

BNA_F

ClientSampleId :

TP-22A

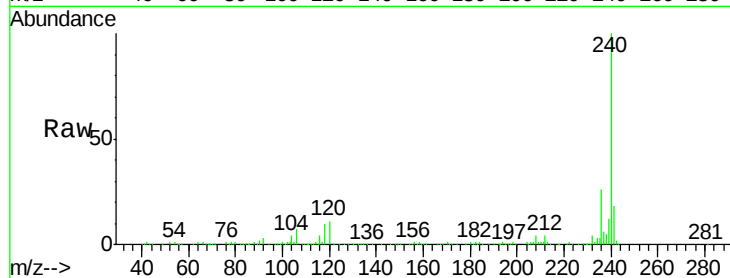
Tot Ion:240 Resp: 289559

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

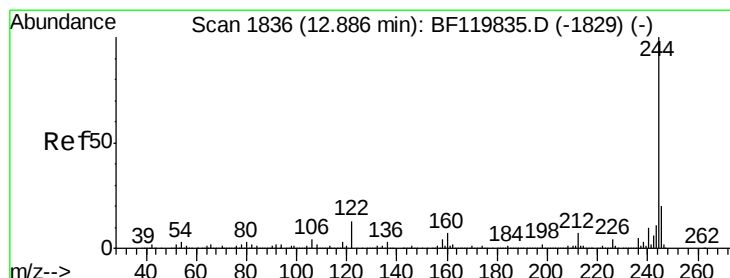
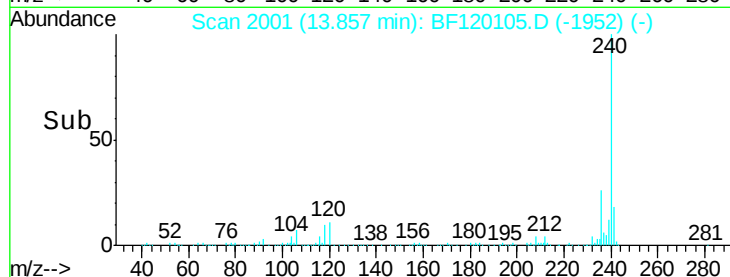
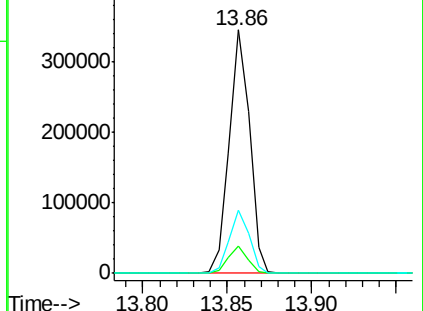
236 26.2 20.7 31.1



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: 49.044 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120105.D

Acq: 21 Apr 2020 16:36

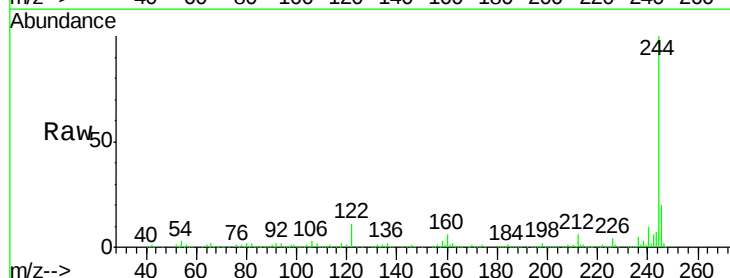
Tgt Ion:244 Resp: 843978

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

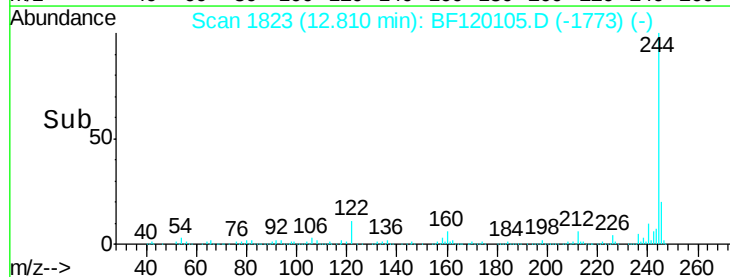
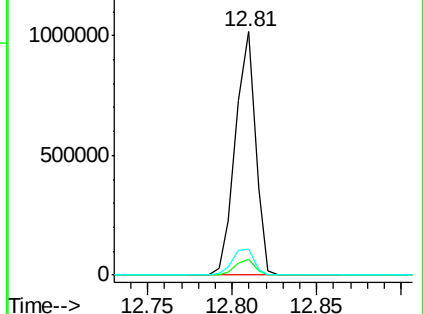
122 10.9 10.3 15.5

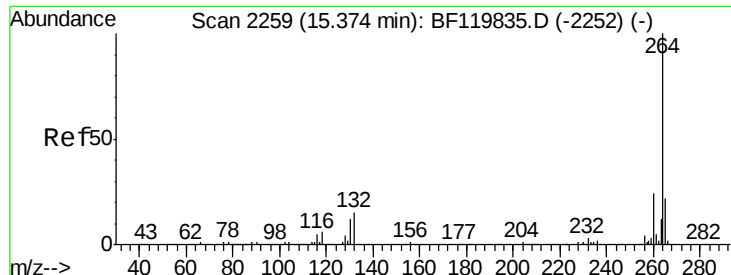


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF120105.D
 Acq: 21 Apr 2020 16:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-22A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.5	17.6	26.4

