

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120086.D
 Acq On : 20 Apr 2020 19:07
 Operator : MA/SJ
 Sample : L2314-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-5-1

Quant Time: Apr 21 05:28:16 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

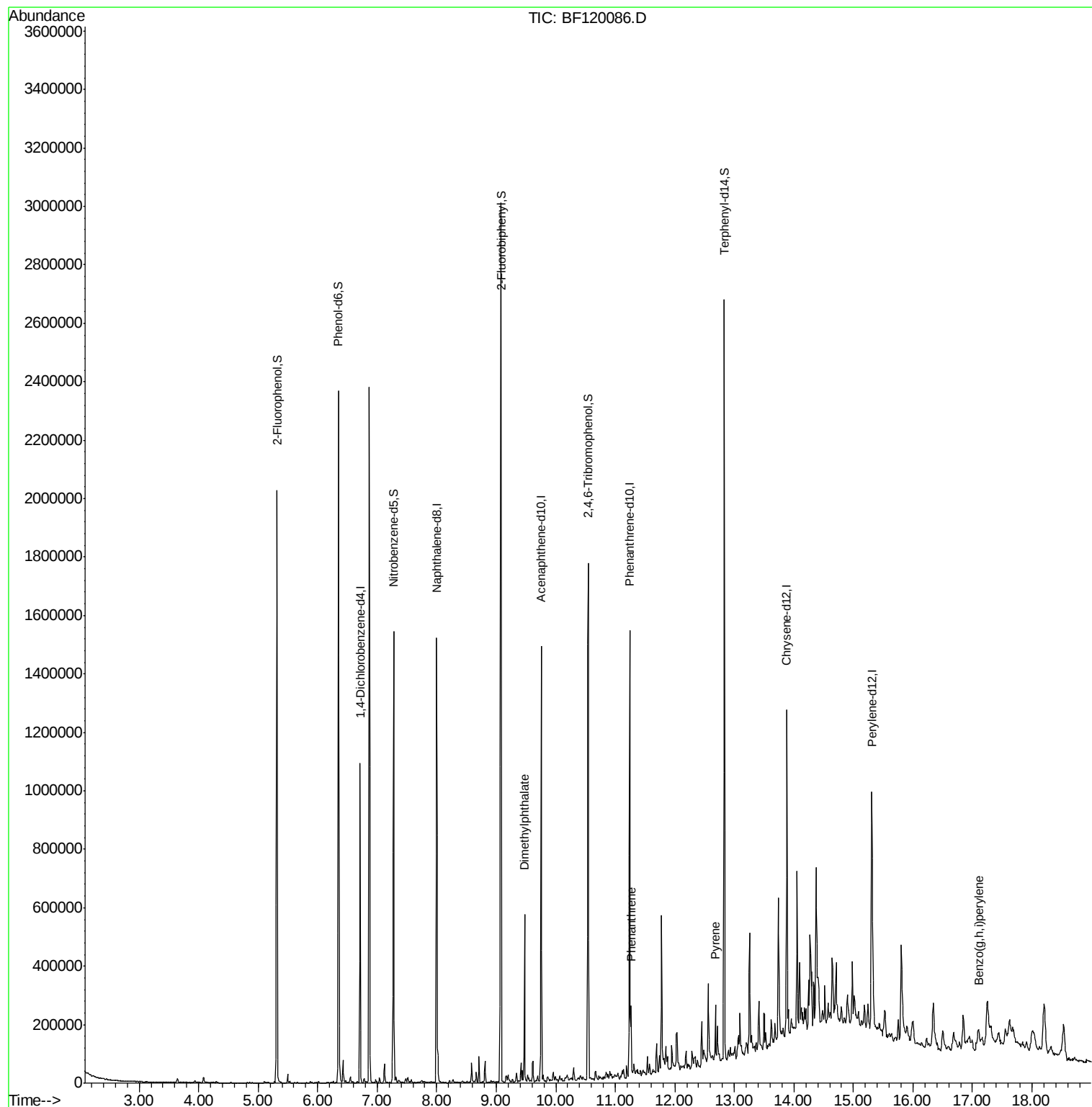
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	158841	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	604442	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	299280	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	530352	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	362710	20.00	ng	-0.02
87) Perylene-d12	15.31	264	325143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	489583	53.27	ng	0.00
7) Phenol-d6	6.35	99	769643	64.99	ng	-0.01
23) Nitrobenzene-d5	7.27	82	498273	42.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	189006	51.58	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	964457	45.75	ng	0.00
79) Terphenyl-d14	12.83	244	941991	43.70	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.47	163	194454	8.400	ng	97
71) Phenanthrene	11.26	178	75507	2.675	ng	100
78) Pyrene	12.68	202	73703	2.410	ng	97
92) Benzo(g,h,i)perylene	17.10	276	37233	2.165	ng	98

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

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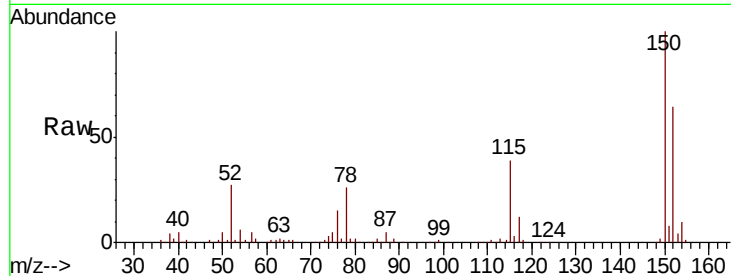


#1

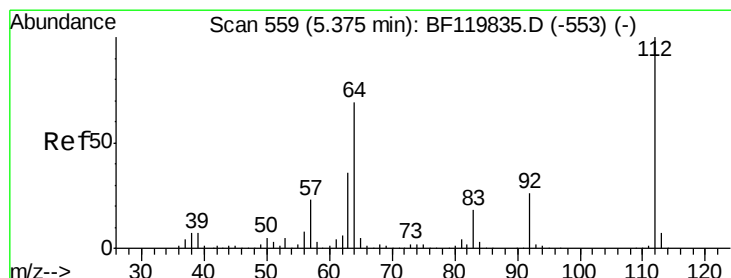
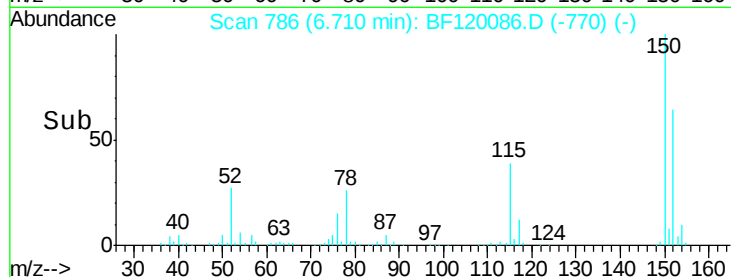
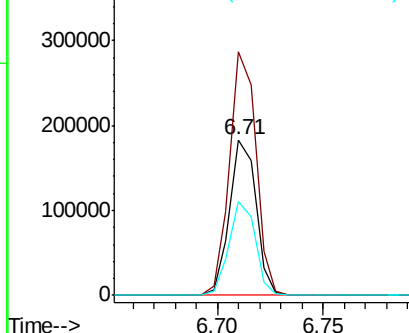
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :
WB-5-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.8	187.2
115	60.5	46.5	69.7



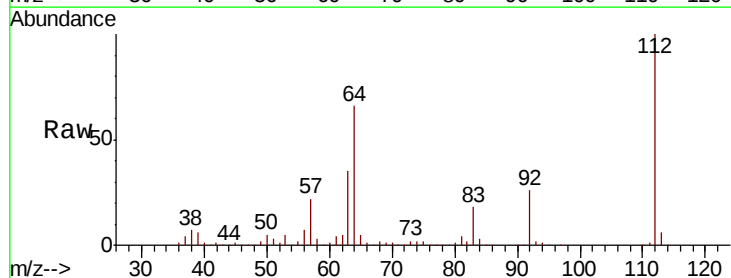
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



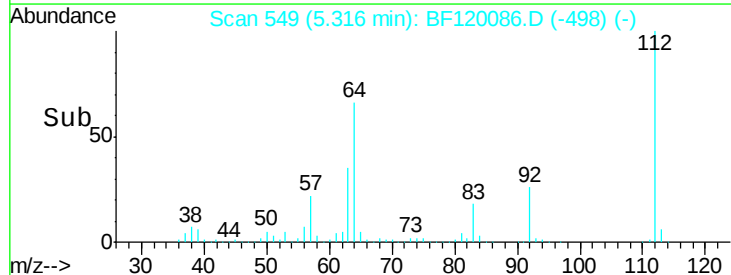
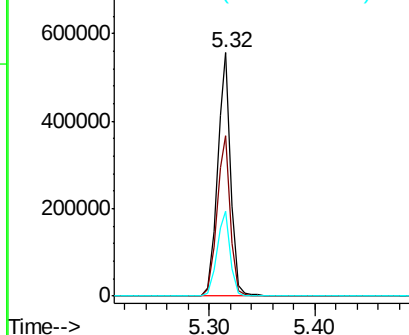
#5

2-Fluorophenol
Concen: 53.266 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	55.5	83.3
63	34.7	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: 64.985 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120086.D

Acq: 20 Apr 2020 19:07

Instrument :

BNA_F

ClientSampled :

WB-5-1

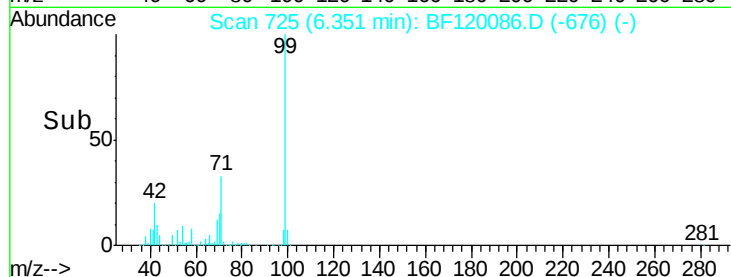
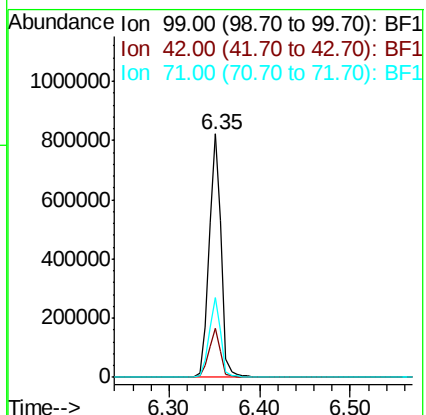
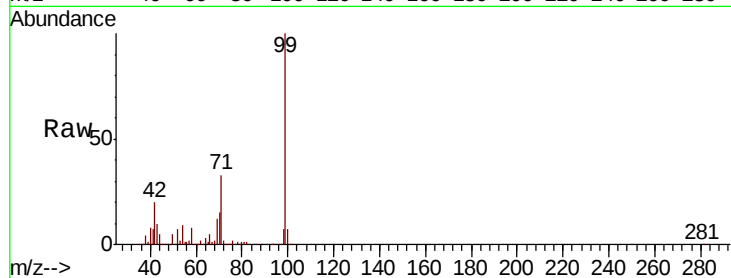
Tot Ion: 99 Resp: 769643

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

71 32.6 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120086.D

Acq: 20 Apr 2020 19:07

Tgt Ion: 136 Resp: 604442

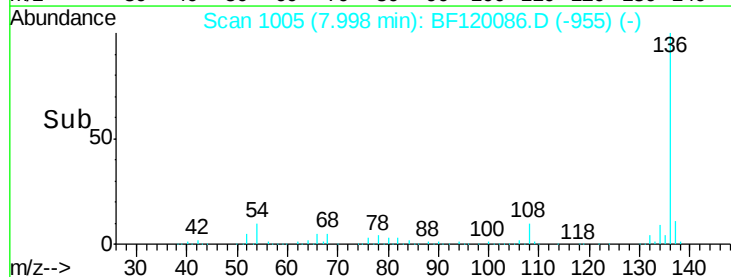
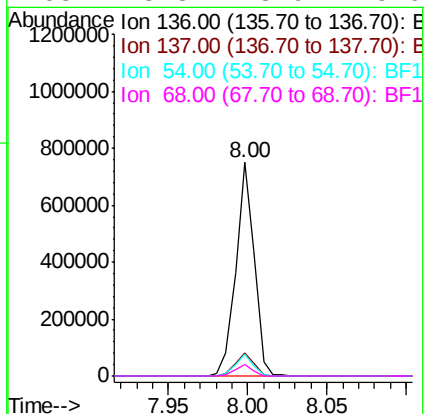
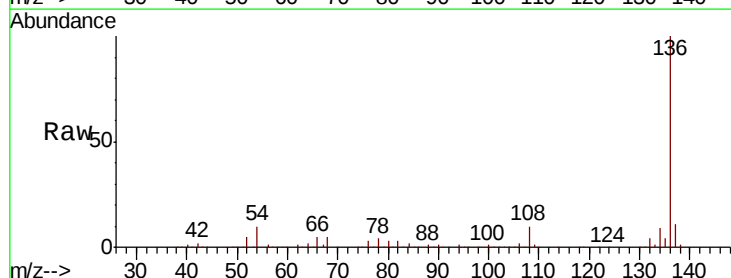
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.4 8.5 12.7

68 5.3 3.9 5.9

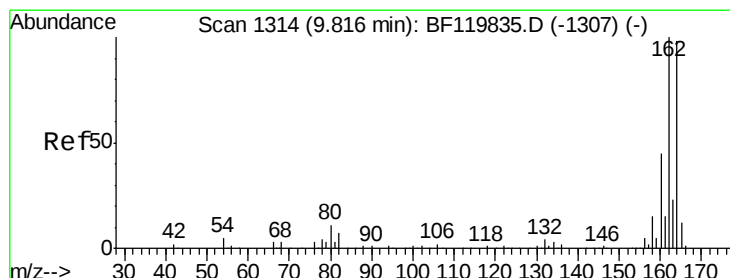
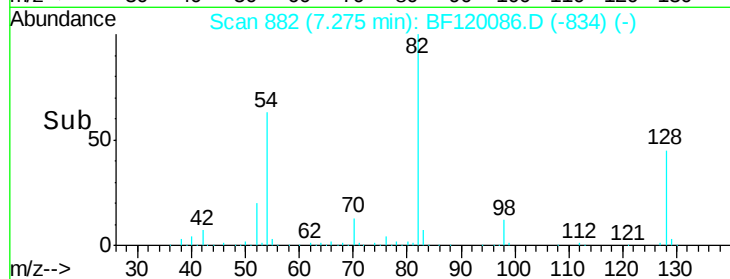
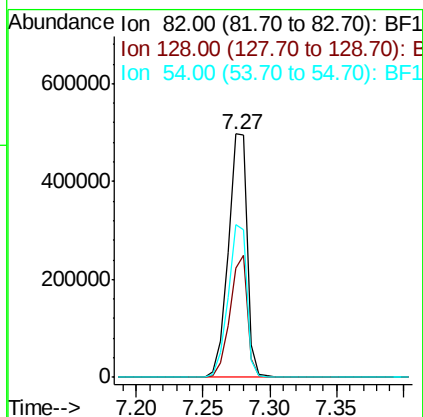
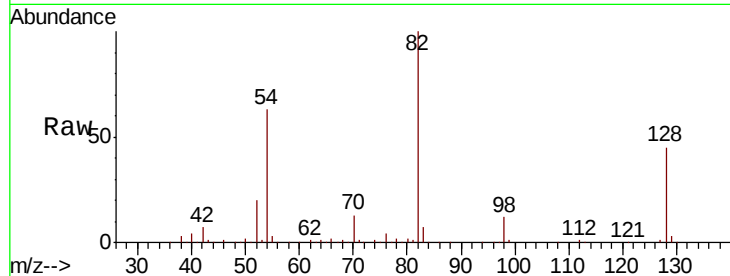




#23
 Nitrobenzene-d5
 Concen: 42.647 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF120086.D
 Acq: 20 Apr 2020 19:07

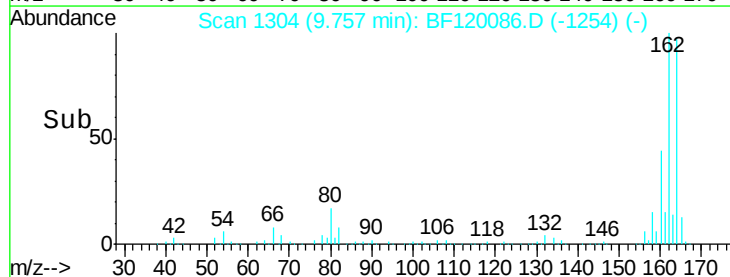
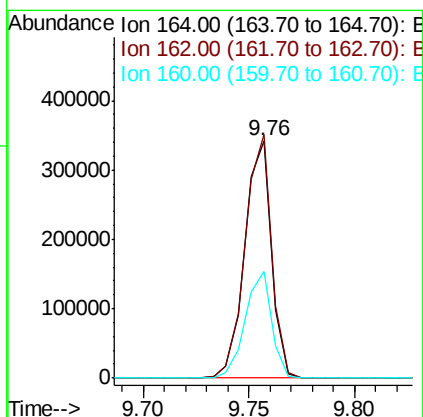
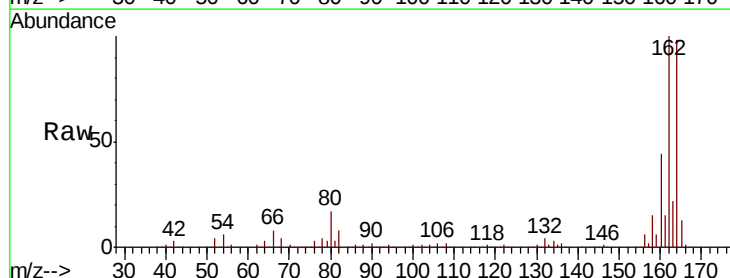
Instrument :
 BNA_F
 ClientSampleId :
 WB-5-1

Tot Ion: 82 Resp: 498273
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.2 54.4
 54 63.0 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: BF120086.D
 Acq: 20 Apr 2020 19:07

Tgt Ion:164 Resp: 299280
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.9 122.9
 160 44.9 36.6 54.8

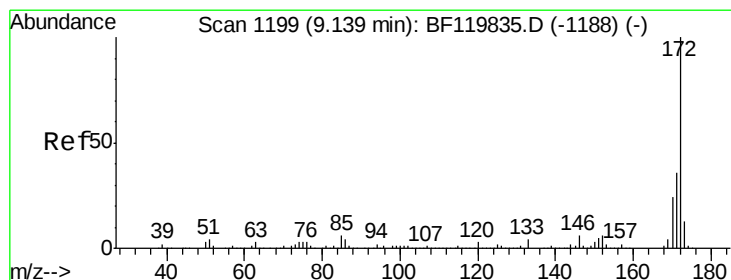
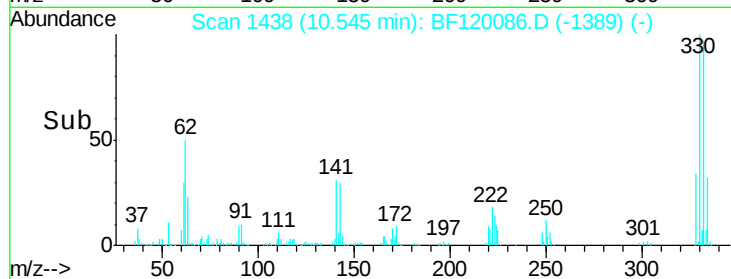
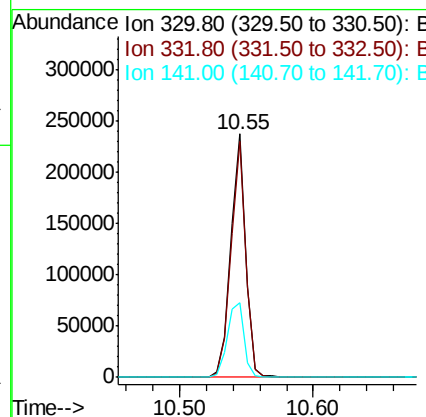
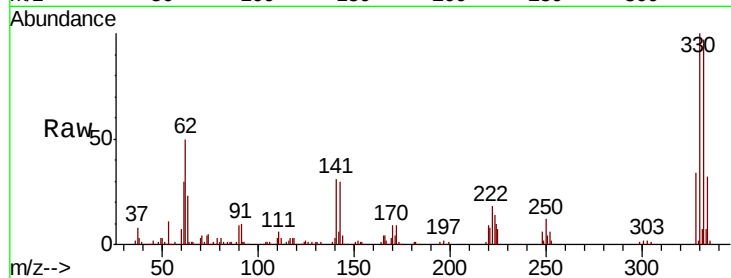




#42
 2,4,6-Tribromophenol
 Concen: 51.582 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120086.D
 Acq: 20 Apr 2020 19:07

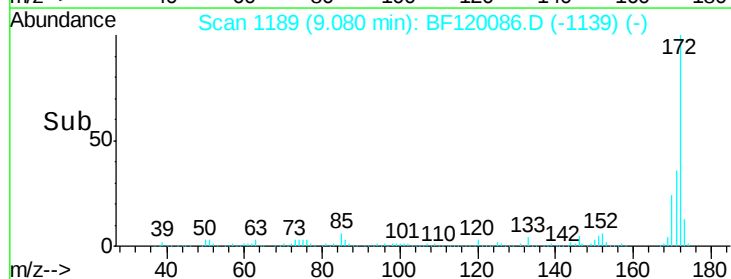
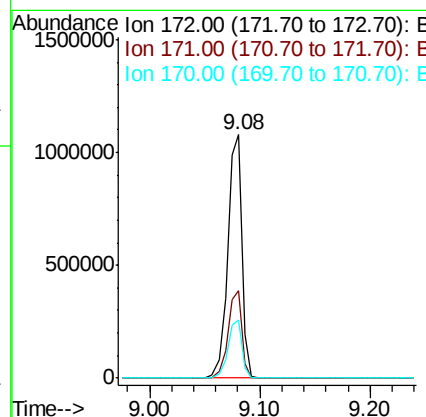
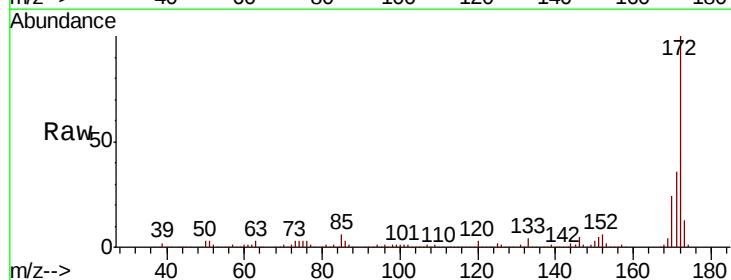
Instrument :
 BNA_F
 ClientSampleId :
 WB-5-1

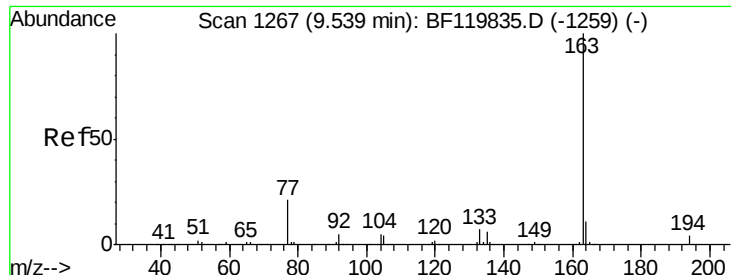
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	34.8	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 45.754 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120086.D
 Acq: 20 Apr 2020 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.6	19.4	29.2

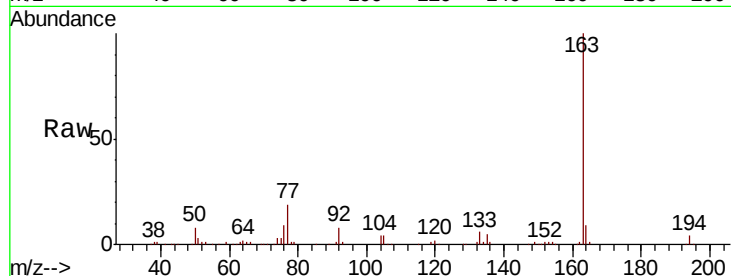




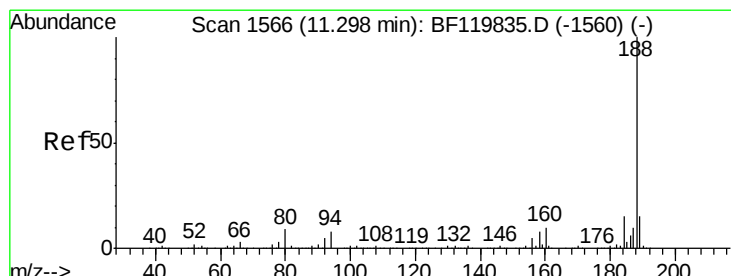
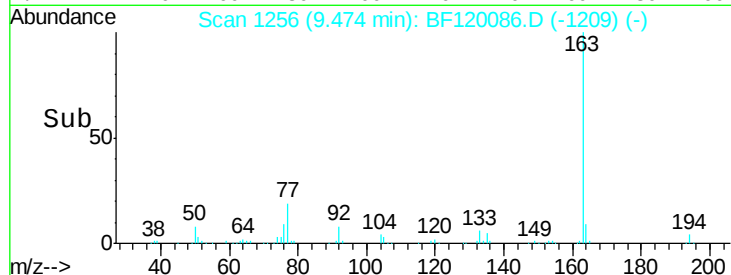
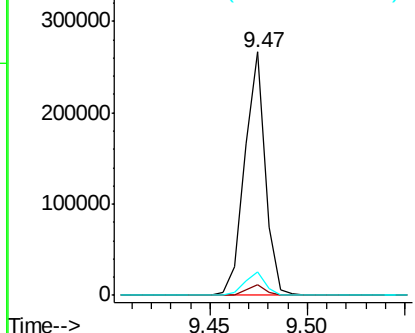
#50
Dimethylphthalate
Concen: 8.400 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :
WB-5-1

Tot Ion:163	Resp:	194454
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.0 4.4
164	9.4	8.4 12.6

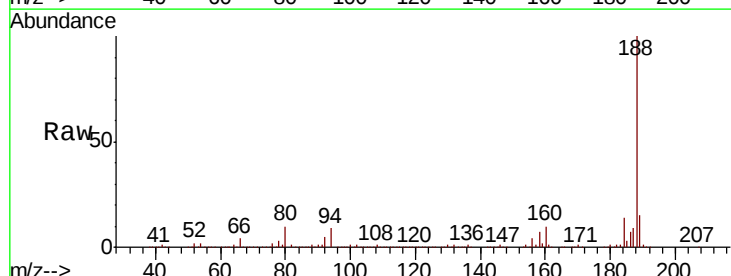


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

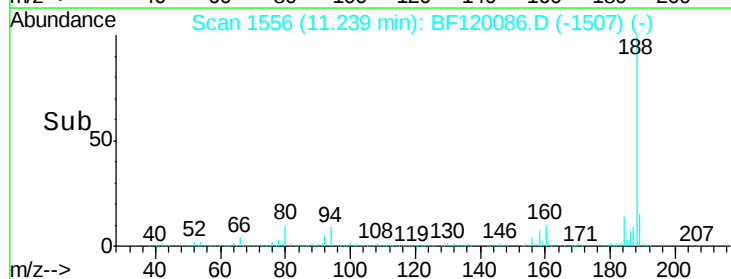
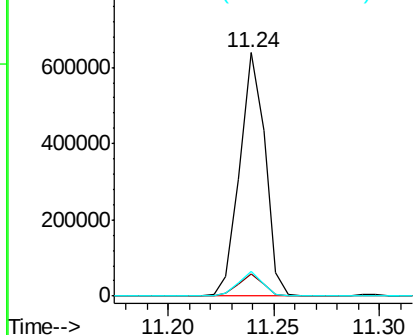


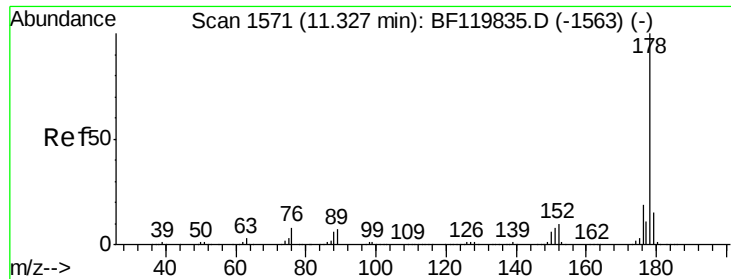
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:188	Resp:	530352
Ion Ratio	Lower	Upper
188	100	
94	9.2	6.7 10.1
80	10.0	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

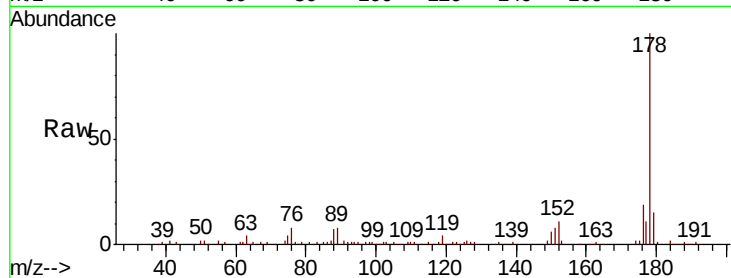




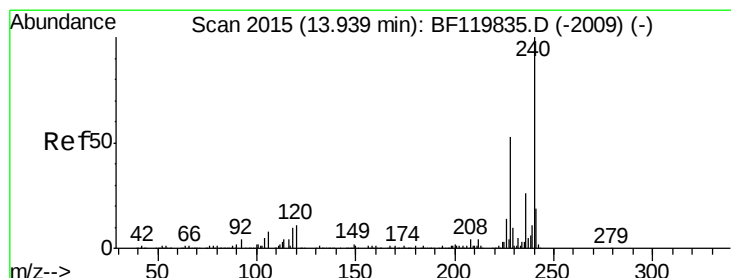
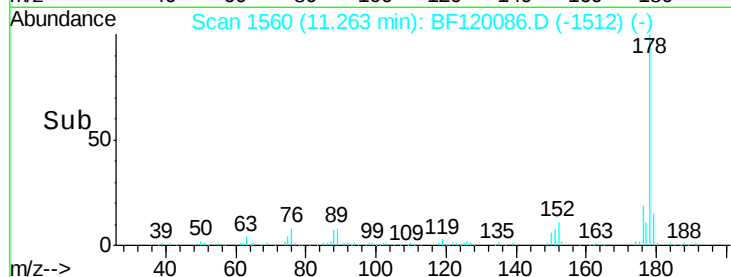
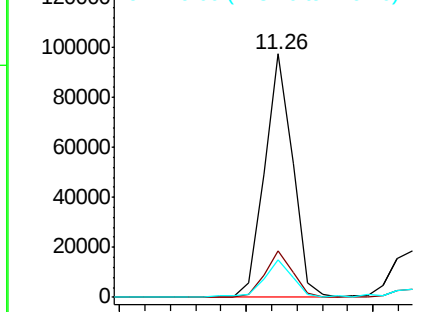
#71
Phenanthrene
Concen: 2.675 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :
WB-5-1

Tot Ion:178 Resp: 75507
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.5 12.2 18.4

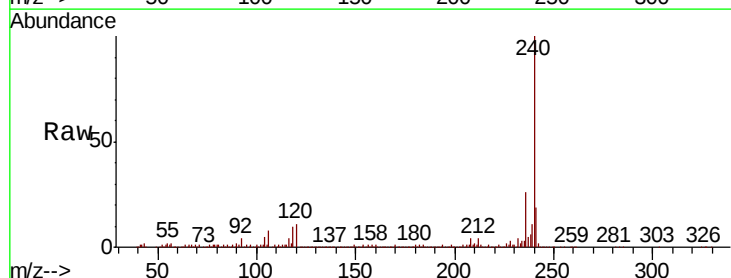


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

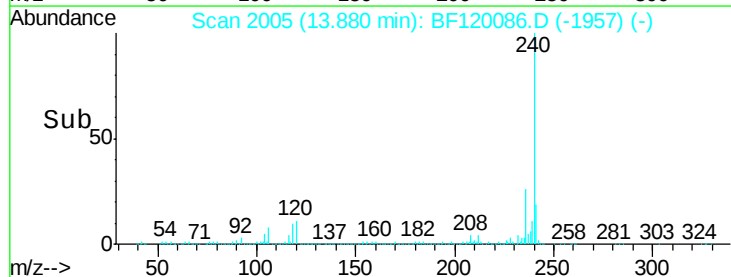
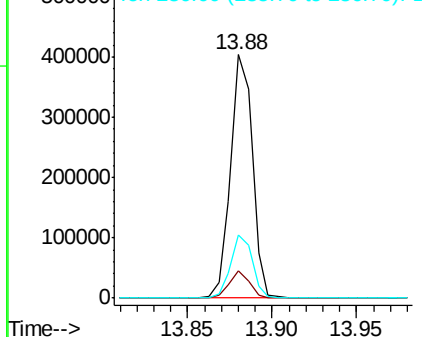


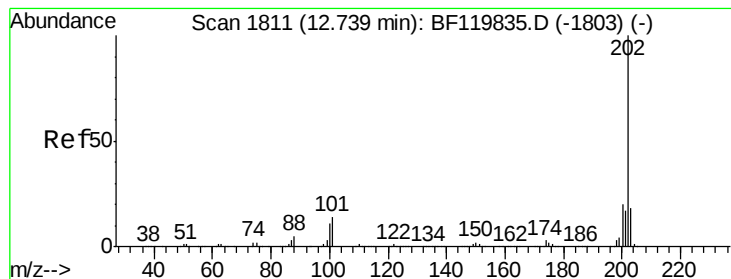
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:240 Resp: 362710
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.7 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





#78

Pvrene

Concen: 2.410 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF120086.D

Acq: 20 Apr 2020 19:07

Instrument :

BNA_F

ClientSampleId :

WB-5-1

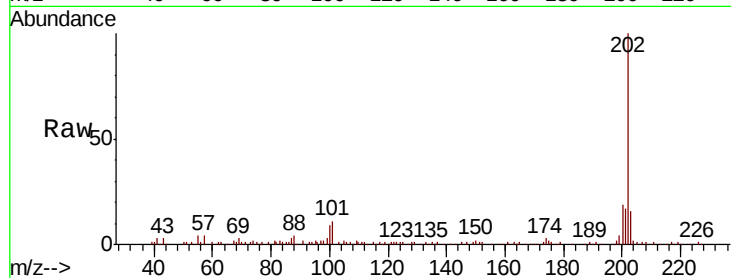
Tot Ion:202 Resp: 73703

Ion Ratio Lower Upper

202 100

200 19.3 16.2 24.2

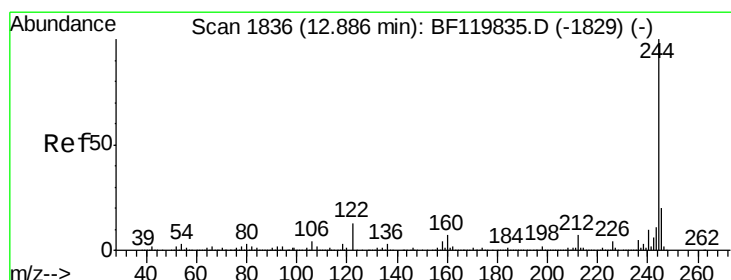
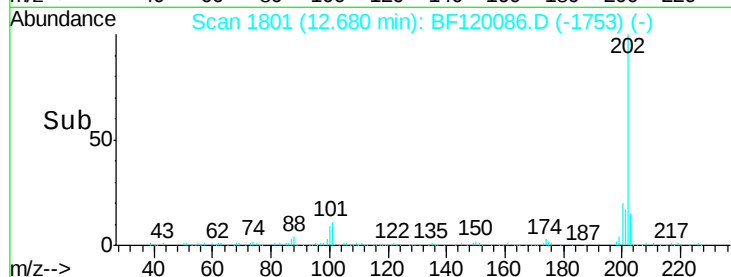
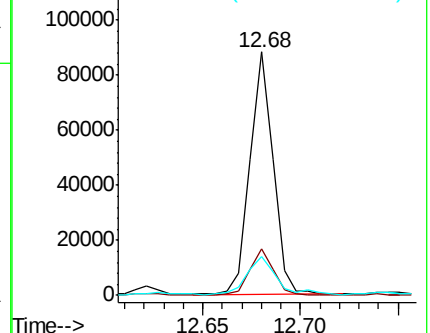
203 15.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 43.700 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF120086.D

Acq: 20 Apr 2020 19:07

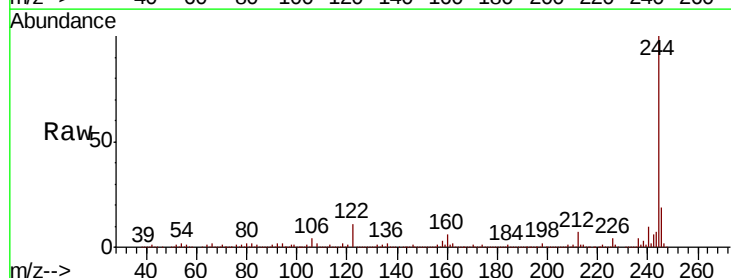
Tgt Ion:244 Resp: 941991

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

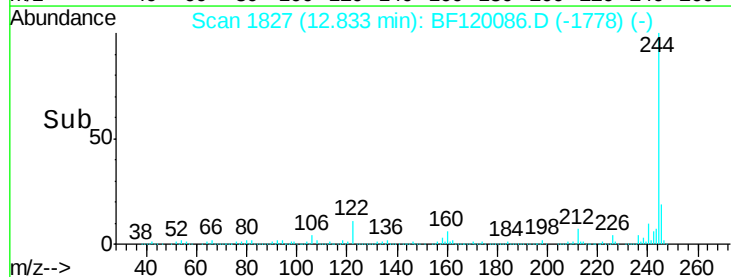
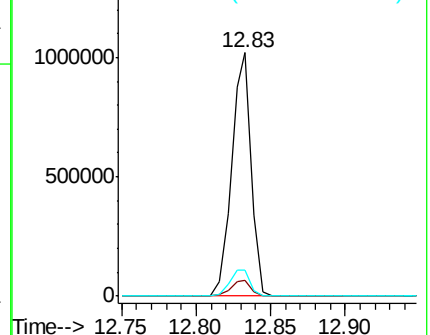
122 10.6 10.3 15.5

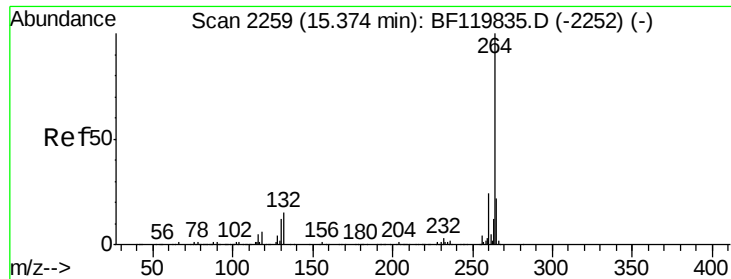


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



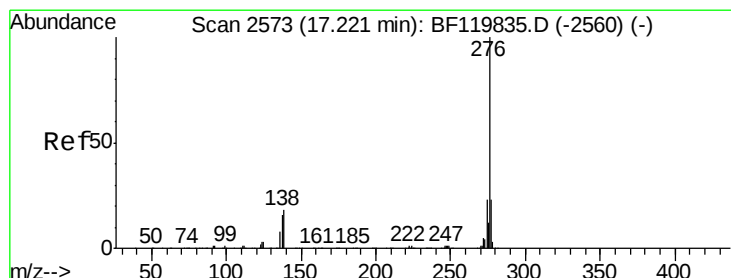
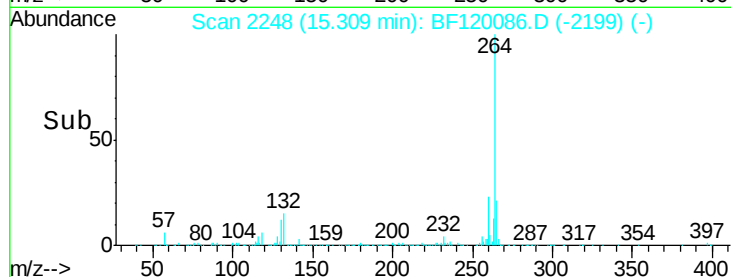
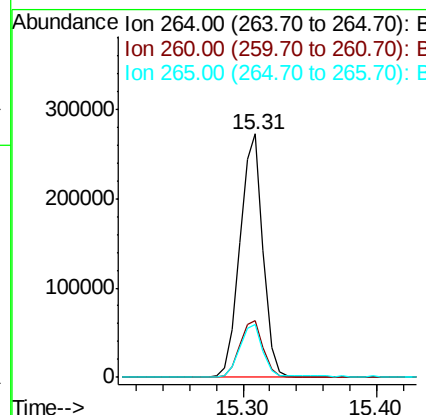
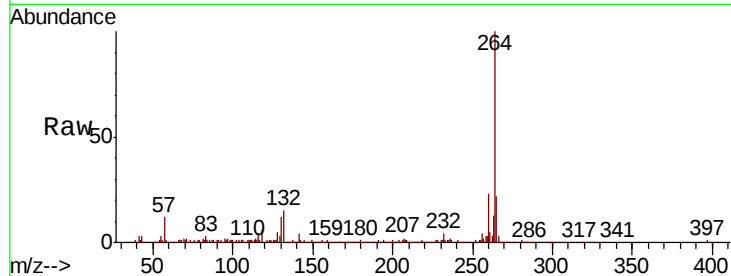


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :
WB-5-1

Tot Ion:264 Resp: 325143

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.6	17.6	26.4



#92
Benzo(g,h,i)perylene
Concen: 2.165 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.04 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:276 Resp: 37233

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.5	27.7
138	19.3	14.6	22.0

