

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
 Data File : BN010590.D
 Acq On : 24 Apr 2020 16:01
 Operator : CG/JU
 Sample : L2330-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PA-TWP-3

Quant Time: Apr 24 16:38:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 12:47:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3304	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	14029	0.40	ng	-0.01
13) Acenaphthene-d10	14.21	164	9410	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	20870	0.40	ng	0.00
27) Chrysene-d12	21.18	240	19601	0.40	ng	0.00
34) Perylene-d12	23.34	264	17762	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1243	0.17	ng	0.00
5) Phenol-d6	6.78	99	1038	0.11	ng	0.00
8) Nitrobenzene-d5	8.72	82	3591	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	7678	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1865	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	13861	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	23183	0.37	ng	0.00
29) Terphenyl-d14	19.62	244	25371	0.57	ng	0.00

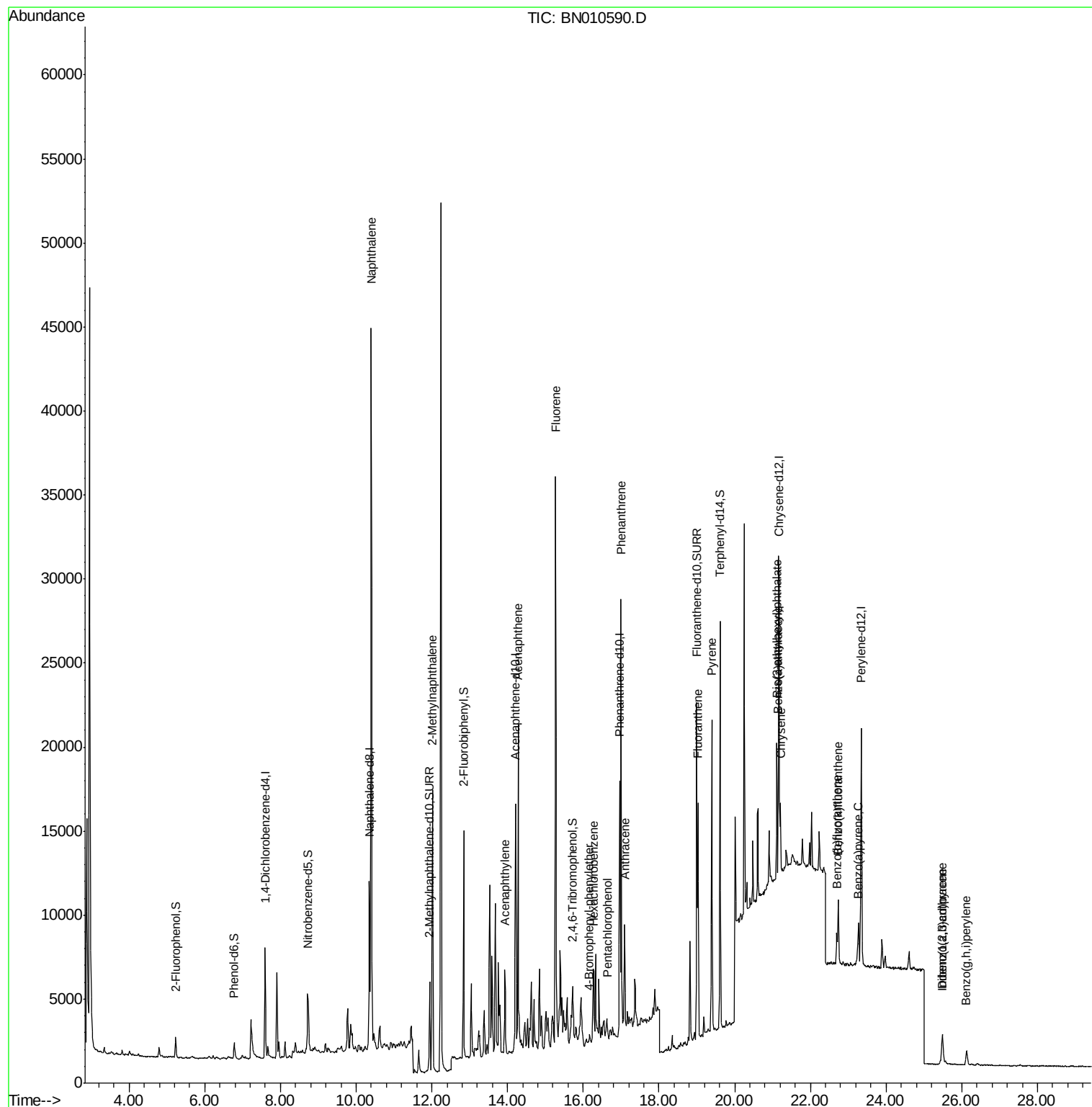
Target Compounds				Qvalue		
9) Naphthalene	10.39	128	54947	1.577	ng	99
12) 2-Methylnaphthalene	12.01	142	11942	0.477	ng	99
16) Acenaphthylene	13.93	152	2904	0.071	ng	# 81
17) Acenaphthene	14.28	154	9750	0.373	ng	98
18) Fluorene	15.27	166	19855	0.580	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	237	0.020	ng	# 40
21) Hexachlorobenzene	16.28	284	283	0.021	ng	# 56
22) Pentachlorophenol	16.63	266	353	0.068	ng	# 91
23) Phenanthrene	17.00	178	25819	0.458	ng	99
24) Anthracene	17.10	178	6543	0.127	ng	# 95
26) Fluoranthene	19.03	202	12722	0.181	ng	99
28) Pyrene	19.40	202	17338	0.263	ng	96
30) Benzo(a)anthracene	21.16	228	3044	0.048	ng	# 74
31) Chrysene	21.21	228	3377	0.053	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.11	149	6233	0.190	ng	99
33) Indeno(1,2,3-cd)pyrene	25.48	276	2096	0.037	ng	94
35) Benzo(b)fluoranthene	22.70	252	2363	0.040	ng	# 16
36) Benzo(k)fluoranthene	22.74	252	2523	0.043	ng	# 1
37) Benzo(a)pyrene	23.25	252	1999	0.039	ng	# 1
38) Dibenzo(a,h)anthracene	25.50	278	1689	0.036	ng	# 28
39) Benzo(g,h,i)perylene	26.13	276	1766	0.037	ng	# 64

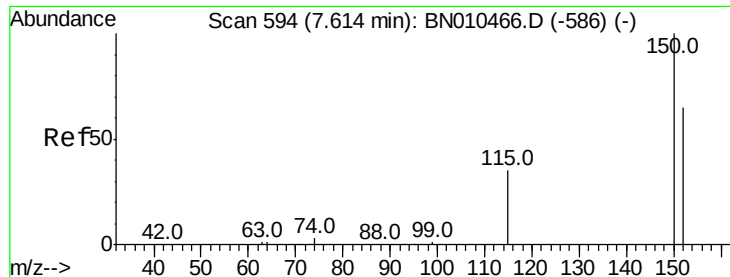
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
Data File : BN010590.D
Acq On : 24 Apr 2020 16:01
Operator : CG/JU
Sample : L2330-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PA-TWP-3

Quant Time: Apr 24 16:38:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 12:47:59 2020
Response via : Initial Calibration



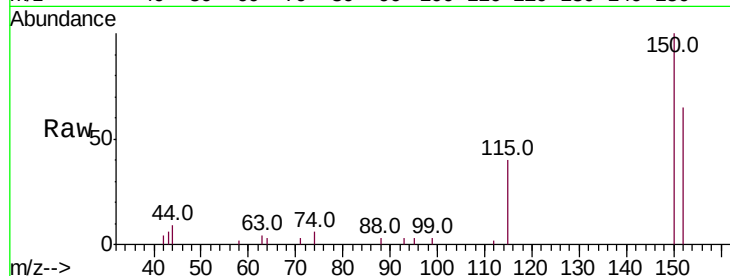


#1

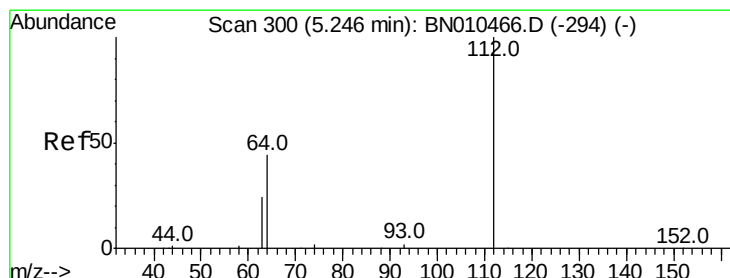
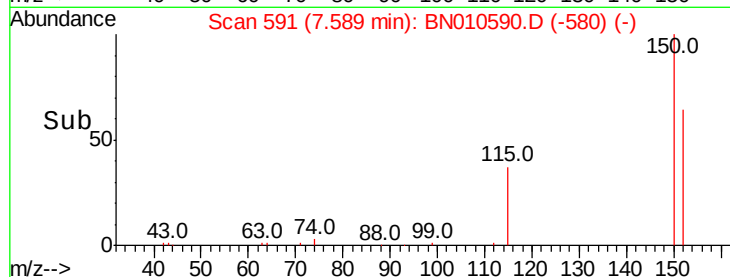
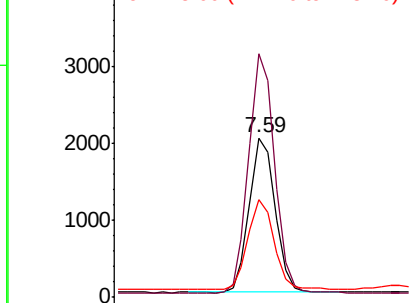
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.01 min
Lab File: BN010590.D
Acq: 24 Apr 2020 16:01

Instrument :
BNA_N
ClientSampleId :
PA-TWP-3

Tot Ion:152 Resp: 3304
Ion Ratio Lower Upper
152 100
150 153.0 121.8 182.6
115 61.2 45.5 68.3



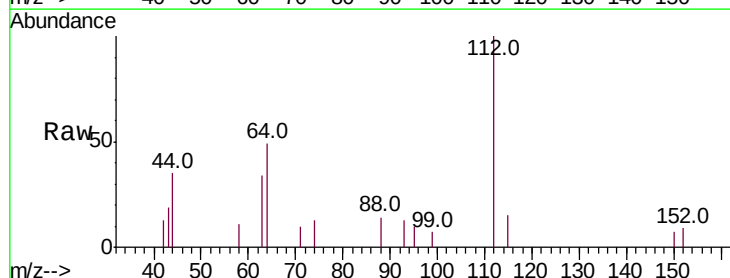
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



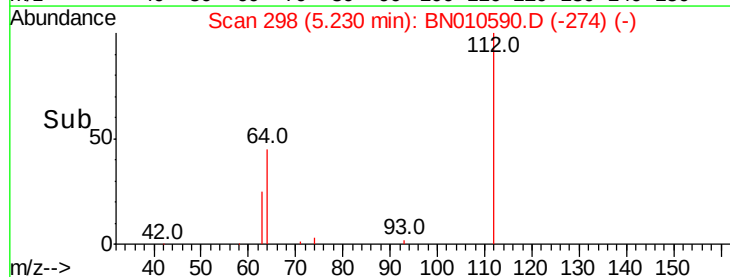
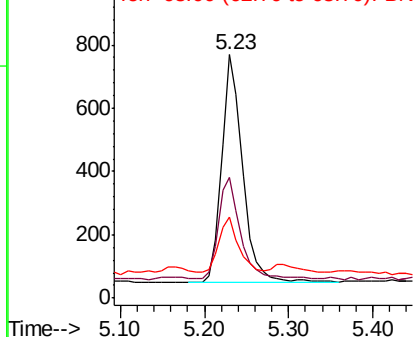
#4

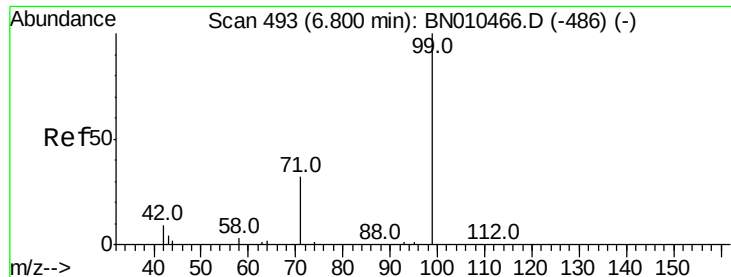
2-Fluorophenol
Concen: 0.172 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.01 min
Lab File: BN010590.D
Acq: 24 Apr 2020 16:01

Tgt Ion:112 Resp: 1243
Ion Ratio Lower Upper
112 100
64 46.5 35.8 53.8
63 23.2 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.110 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

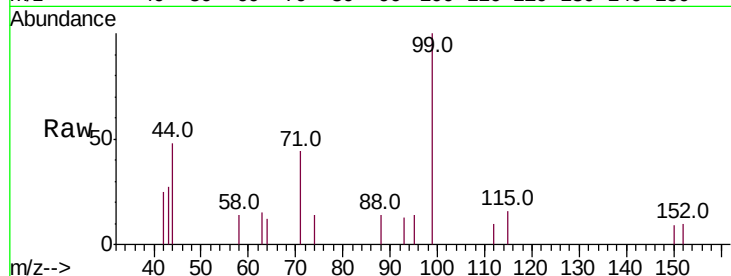
Tot Ion: 99 Resp: 1038

Ion Ratio Lower Upper

99 100

42 13.6 9.8 14.6

71 46.1 27.8 41.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)

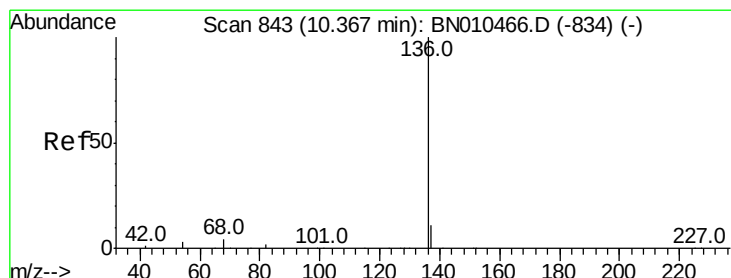
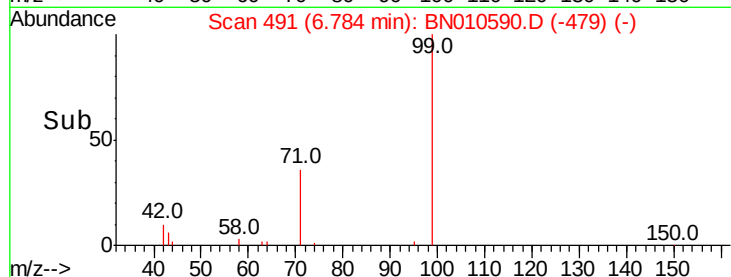
6.78

400

200

0

Time--> 6.70 6.80 6.90



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Tgt Ion: 136 Resp: 14029

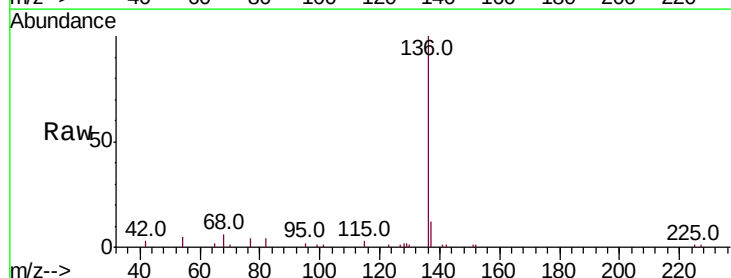
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 5.1 2.6 4.0#

68 6.4 3.4 5.2#



Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

10.34

8000

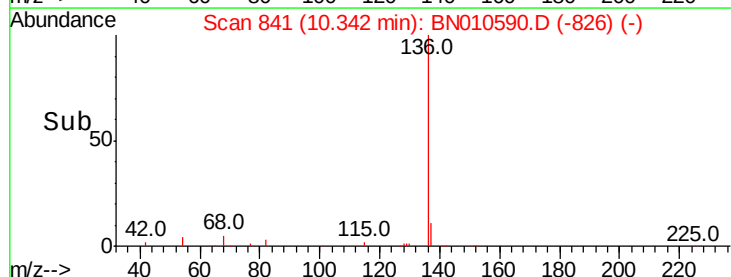
6000

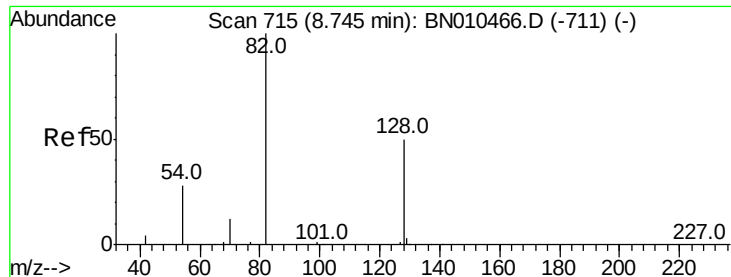
4000

2000

0

Time--> 10.20 10.40





#8

Nitrobenzene-d5

Concen: 0.366 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

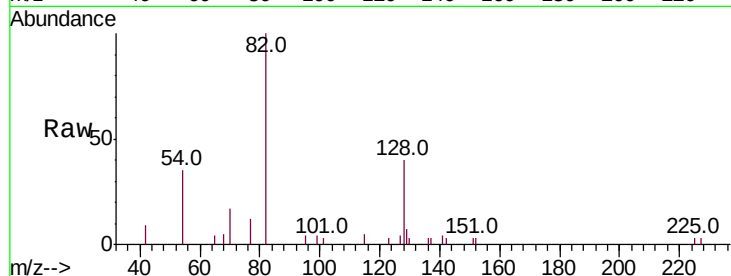
Tot Ion: 82 Resp: 3591

Ion Ratio Lower Upper

82 100

128 40.1 41.3 61.9#

54 34.9 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

8.72

2500

2000

1500

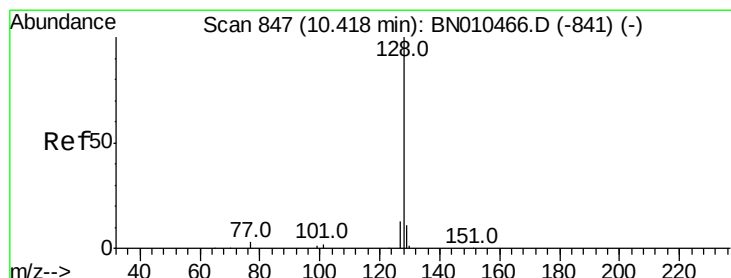
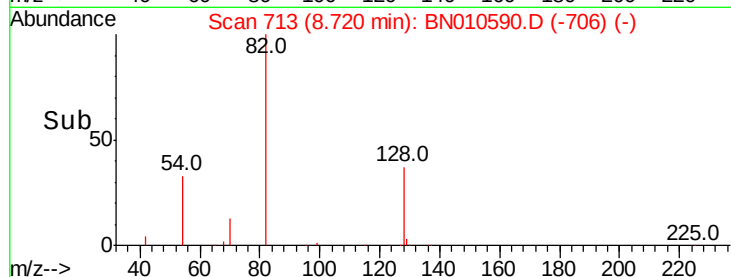
1000

500

0

8.60 8.70 8.80

Time-->



#9

Naphthalene

Concen: 1.577 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

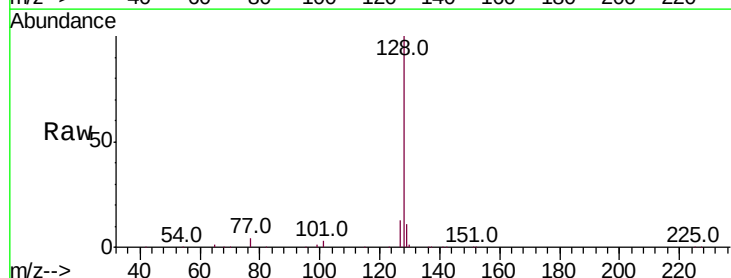
Tgt Ion: 128 Resp: 54947

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

127 13.4 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): BN010466.D (-841) (-)

Ion 129.00 (128.70 to 129.70): BN010466.D (-841) (-)

Ion 127.00 (126.70 to 127.70): BN010466.D (-841) (-)

10.39

40000

30000

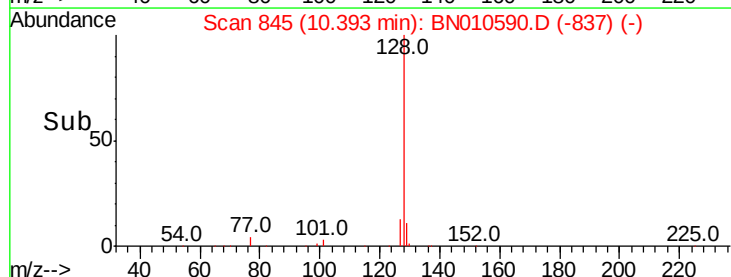
20000

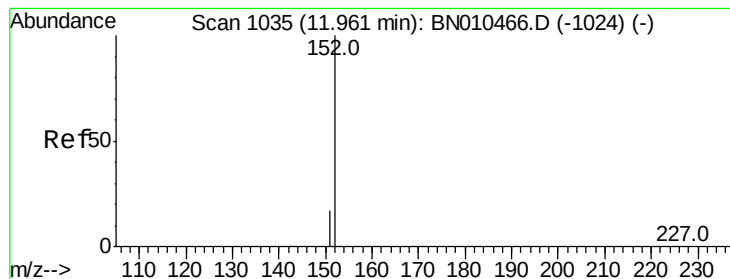
10000

0

10.20 10.40 10.60

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

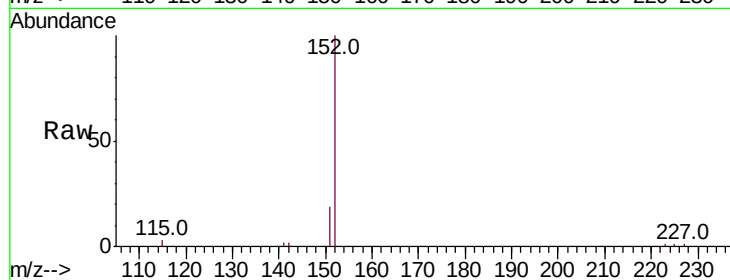
PA-TWP-3

Tot Ion:152 Resp: 7678

Ion Ratio Lower Upper

152 100

151 19.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.94

5000

4000

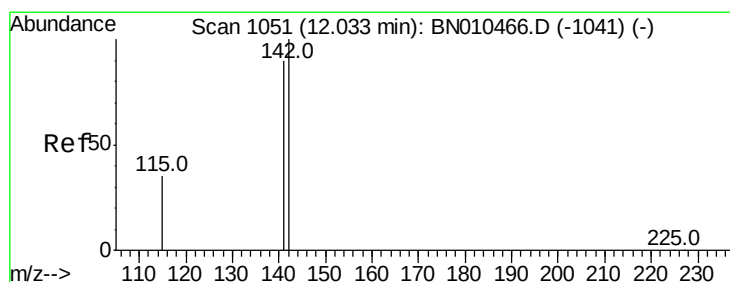
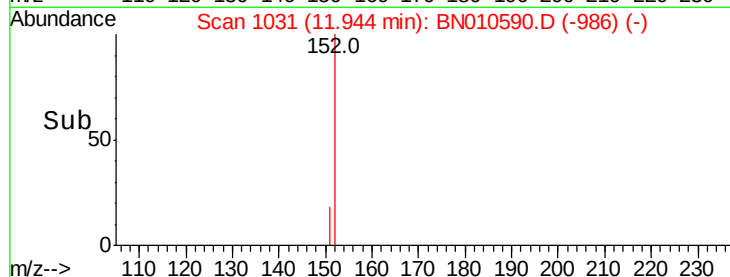
3000

2000

1000

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.477 ng

RT: 12.01 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

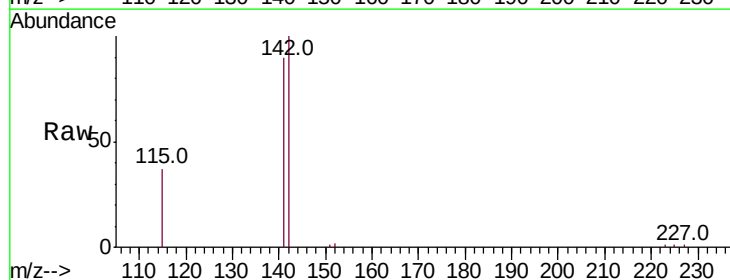
Tgt Ion:142 Resp: 11942

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

115 37.3 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.01

10000

8000

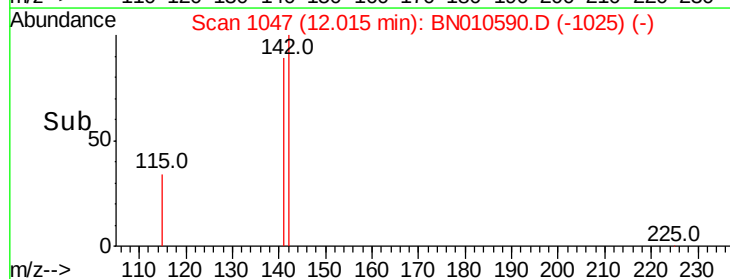
6000

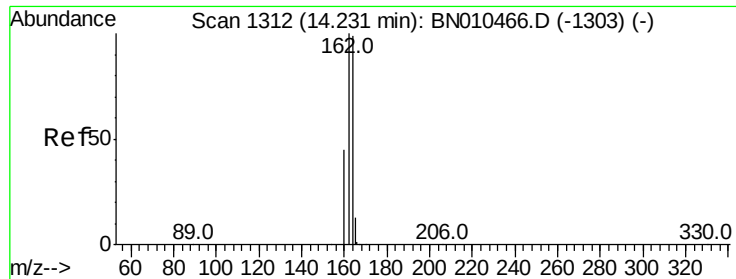
4000

2000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

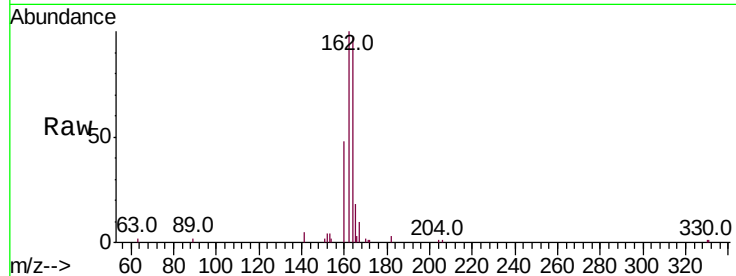
Tot Ion:164 Resp: 9410

Ion Ratio Lower Upper

164 100

162 102.7 80.6 121.0

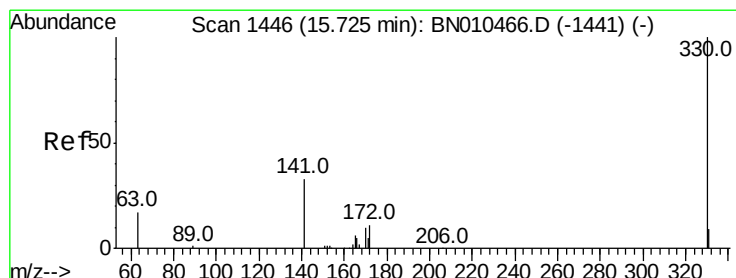
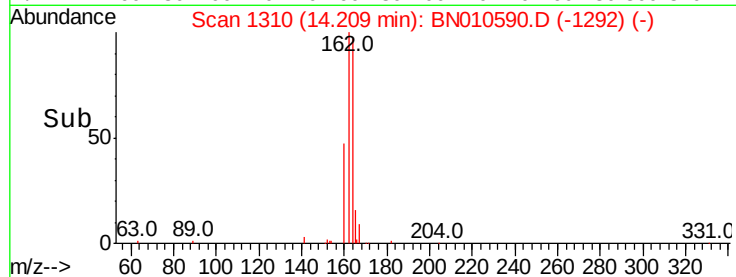
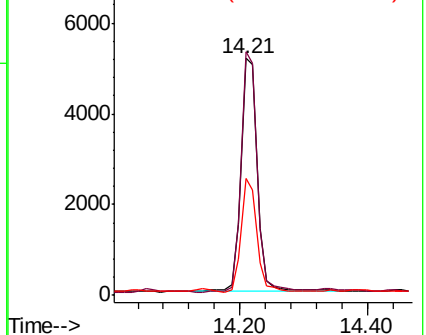
160 49.1 36.5 54.7



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



#14

2,4,6-Tribromophenol

Concen: 0.420 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

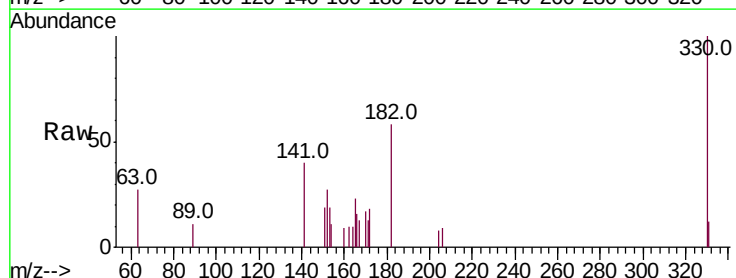
Tgt Ion:330 Resp: 1865

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

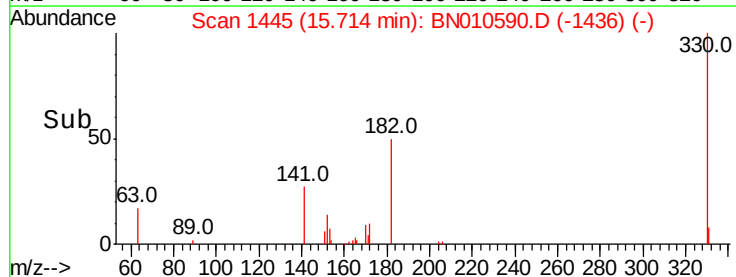
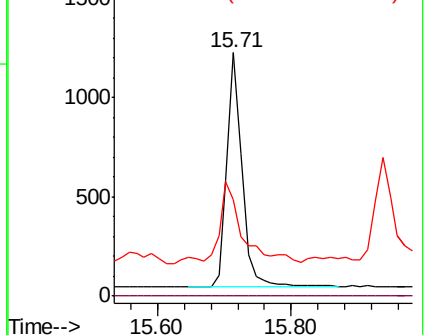
141 50.1 28.1 42.1#

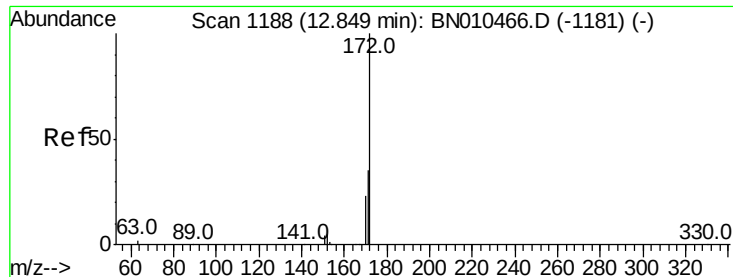


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

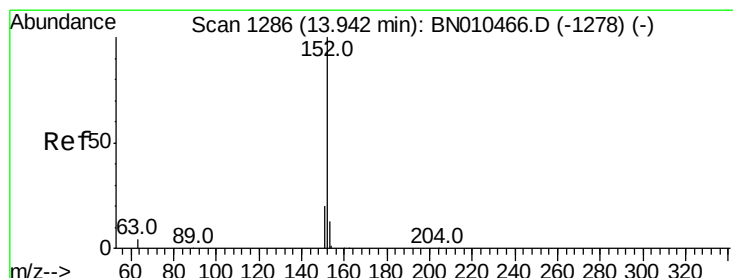
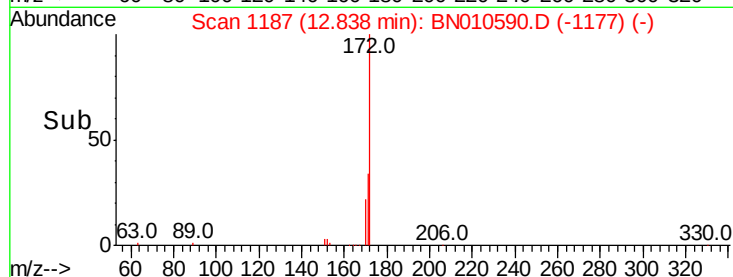
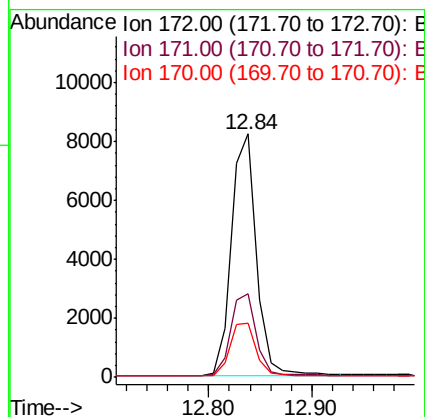
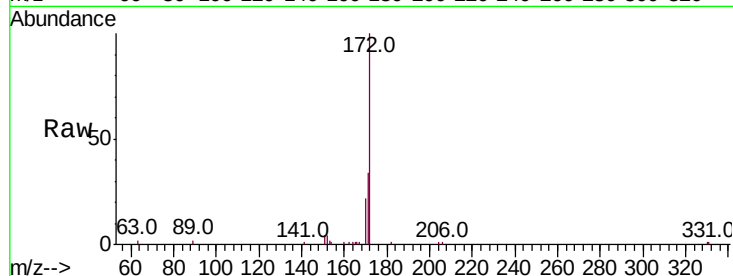




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.84 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BN010590.D
Acq: 24 Apr 2020 16:01

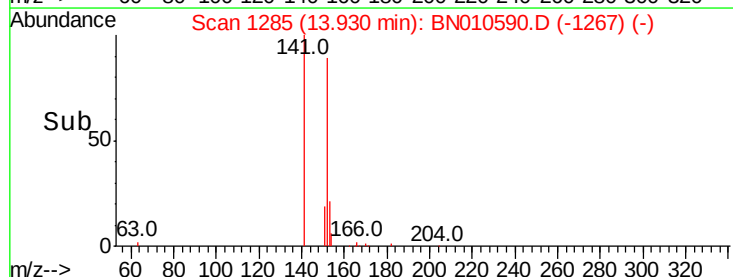
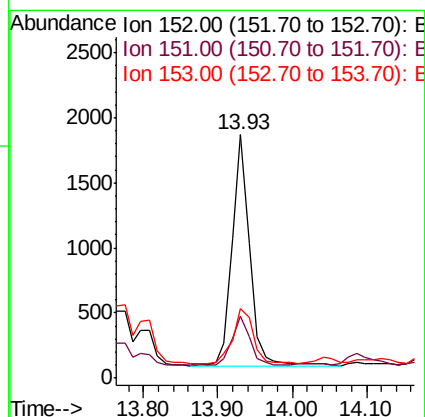
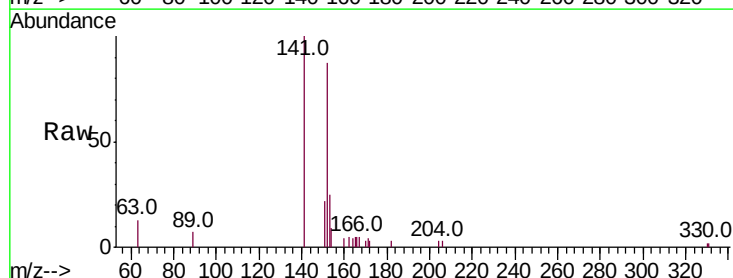
Instrument :
BNA_N
ClientSampled :
PA-TWP-3

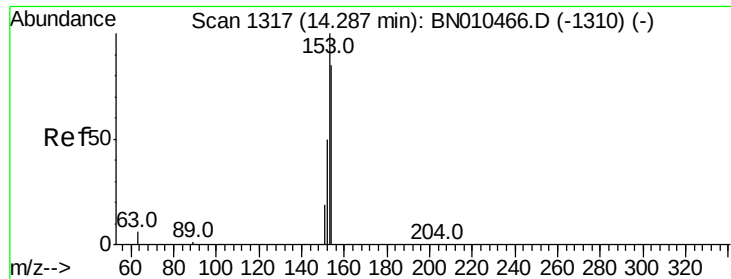
Tot Ion:172 Resp: 13861
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.4 18.4 27.6



#16
Acenaphthylene
Concen: 0.071 ng
RT: 13.93 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BN010590.D
Acq: 24 Apr 2020 16:01

Tgt Ion:152 Resp: 2904
Ion Ratio Lower Upper
152 100
151 22.8 15.7 23.5
153 28.3 10.6 15.8#





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.28 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

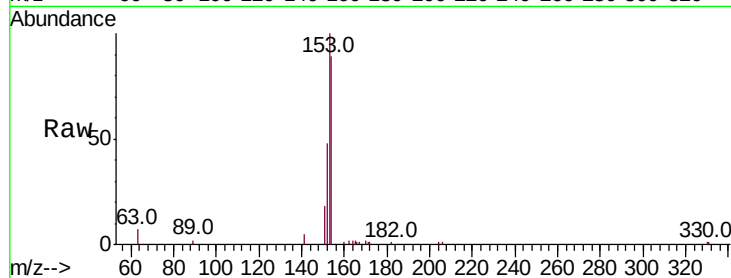
Tot Ion:154 Resp: 9750

Ion Ratio Lower Upper

154 100

153 112.6 91.0 136.4

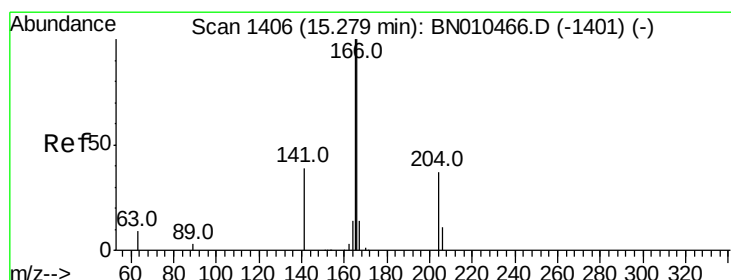
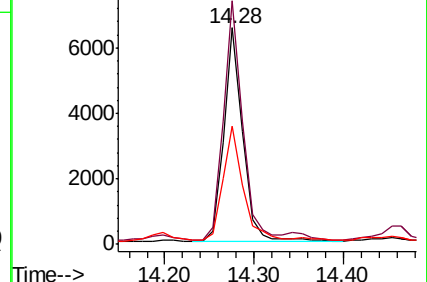
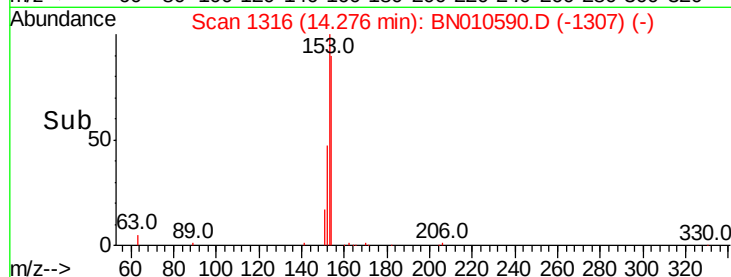
152 58.0 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.580 ng

RT: 15.27 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

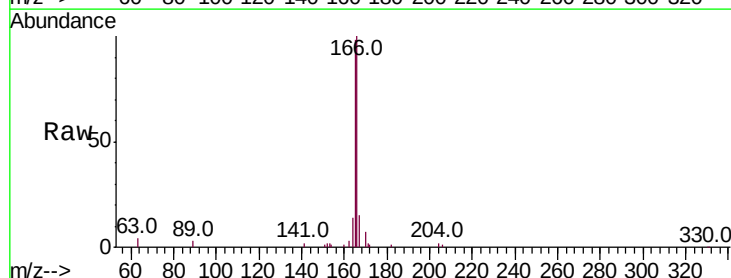
Tgt Ion:166 Resp: 19855

Ion Ratio Lower Upper

166 100

165 97.9 78.4 117.6

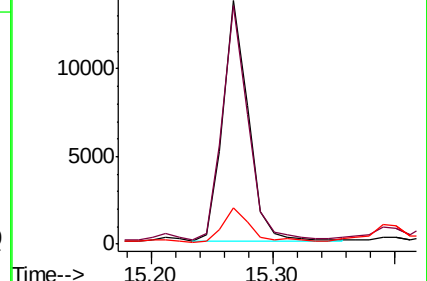
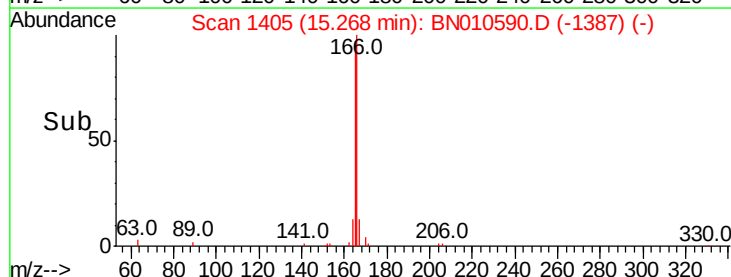
167 15.1 10.9 16.3

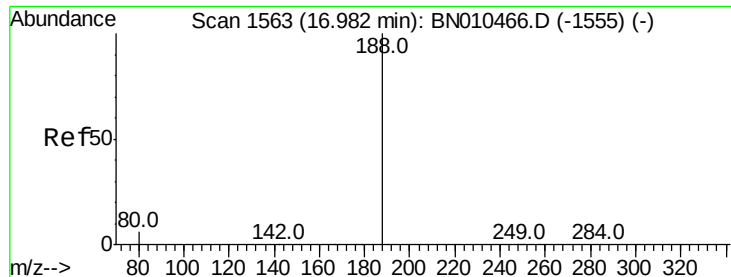


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

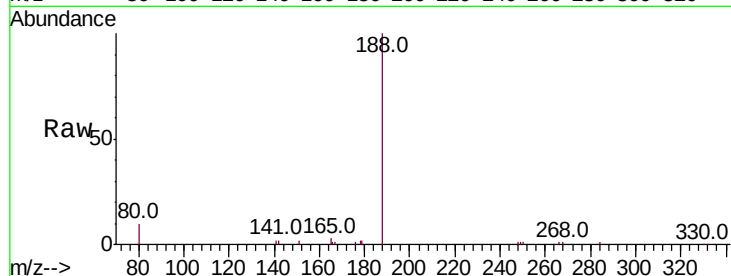
Tot Ion:188 Resp: 20870

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

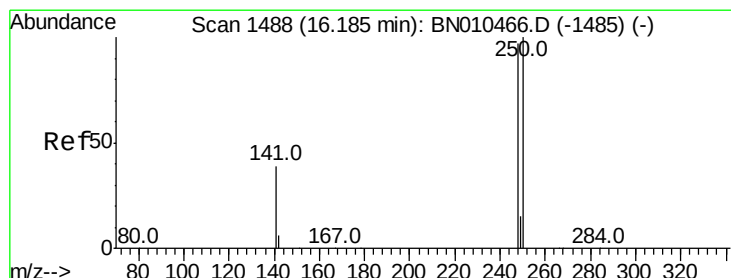
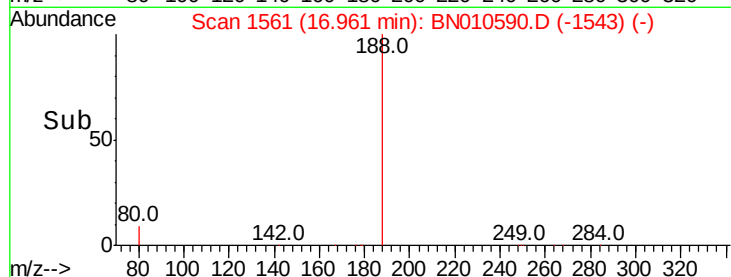
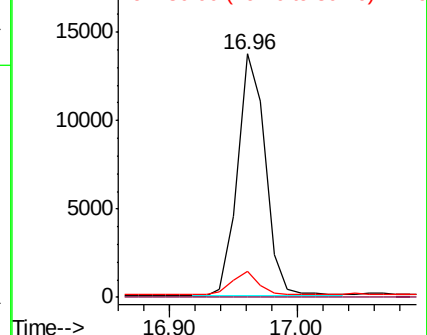
80 10.4 5.0 7.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.020 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

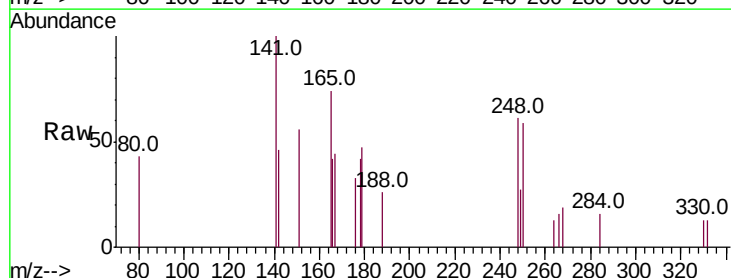
Tgt Ion:248 Resp: 237

Ion Ratio Lower Upper

248 100

250 96.9 82.3 123.5

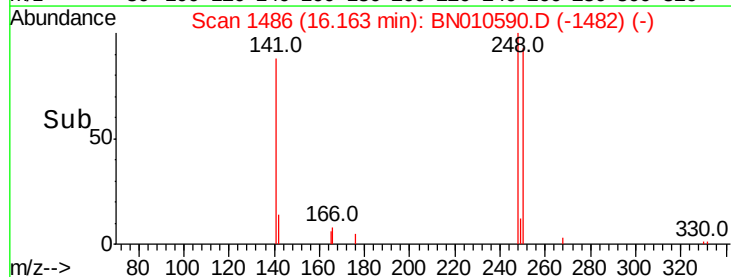
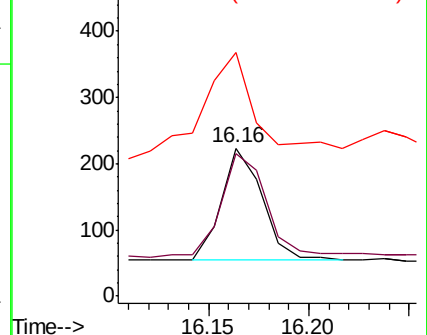
141 165.0 35.2 52.8#

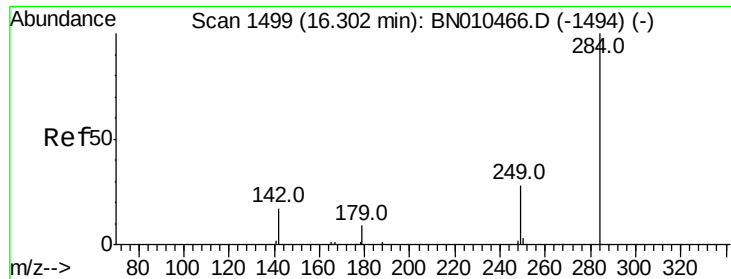


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.021 ng

RT: 16.28 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

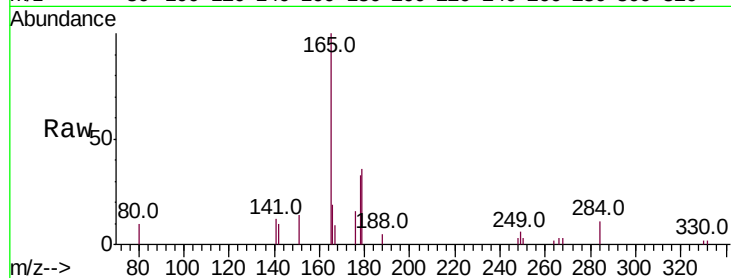
Tot Ion:284 Resp: 283

Ion Ratio Lower Upper

284 100

142 71.4 25.5 38.3#

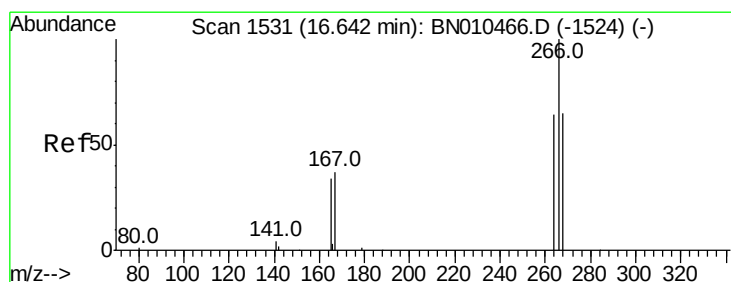
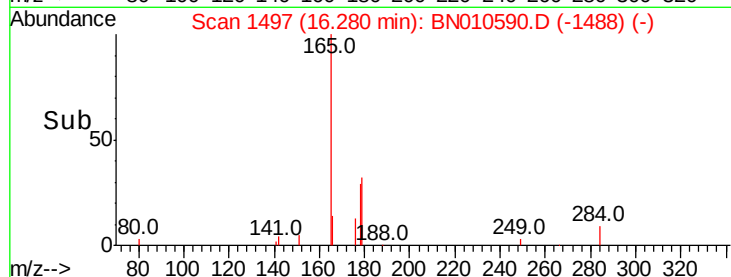
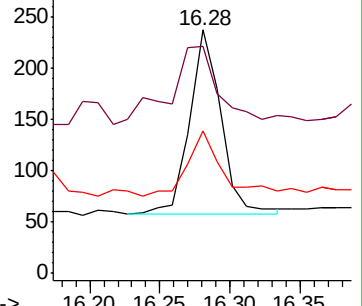
249 42.4 25.8 38.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.068 ng

RT: 16.63 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

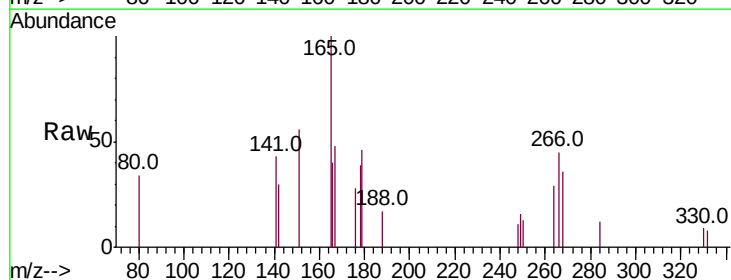
Tgt Ion:266 Resp: 353

Ion Ratio Lower Upper

266 100

264 65.0 51.8 77.6

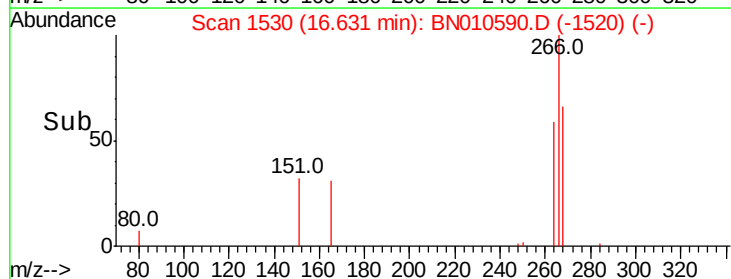
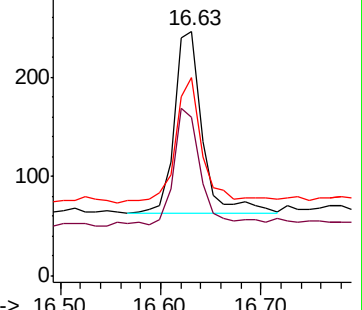
268 81.3 53.7 80.5#

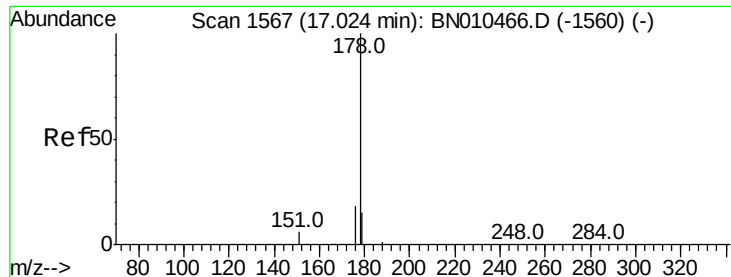


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.458 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

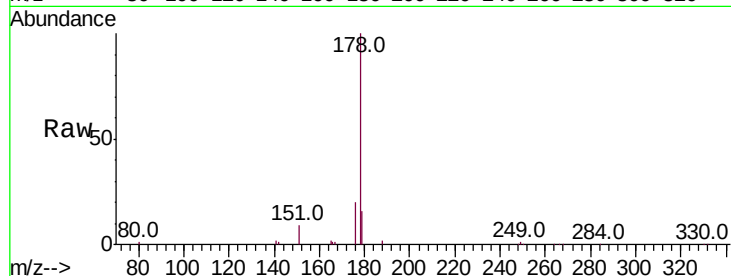
Tot Ion:178 Resp: 25819

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

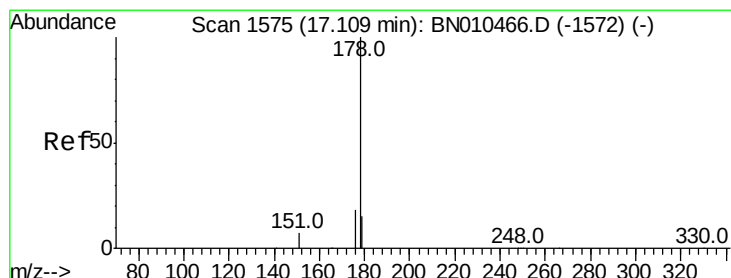
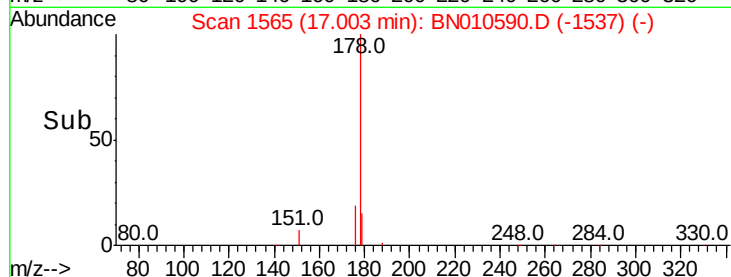
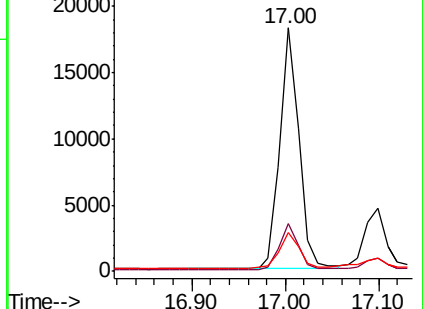
179 16.4 12.6 18.8



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



#24

Anthracene

Concen: 0.127 ng

RT: 17.10 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

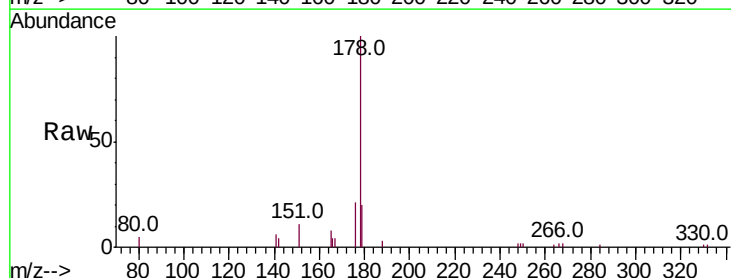
Tgt Ion:178 Resp: 6543

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

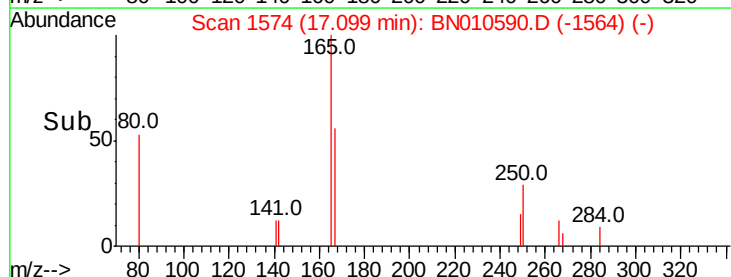
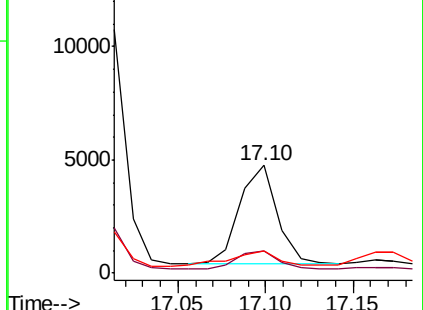
179 18.7 12.2 18.2#

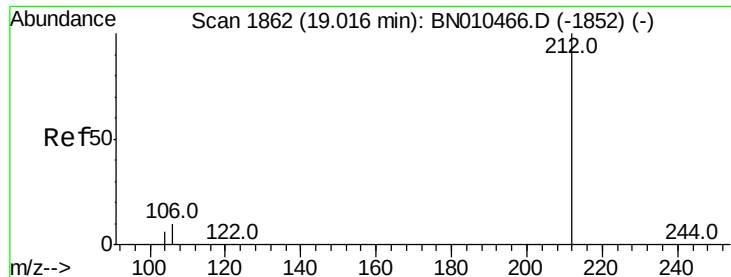


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.00 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

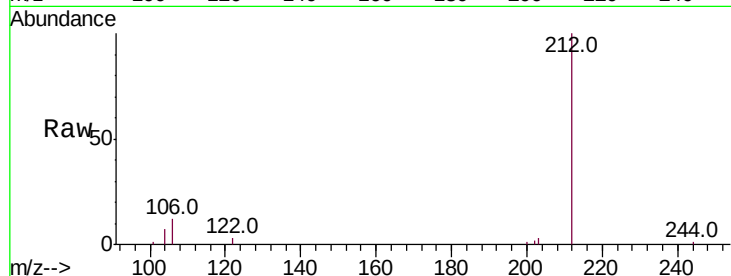
Tot Ion:212 Resp: 23183

Ion Ratio Lower Upper

212 100

106 10.7 7.8 11.6

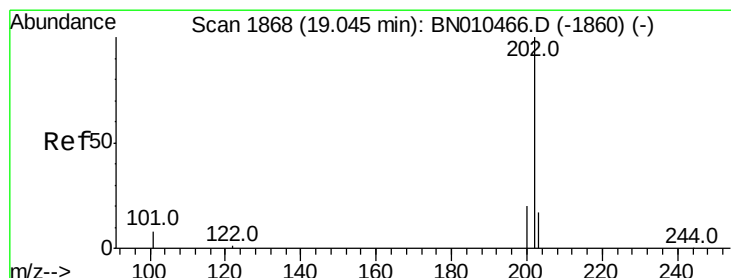
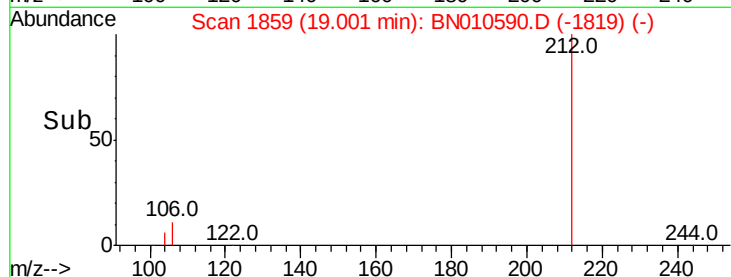
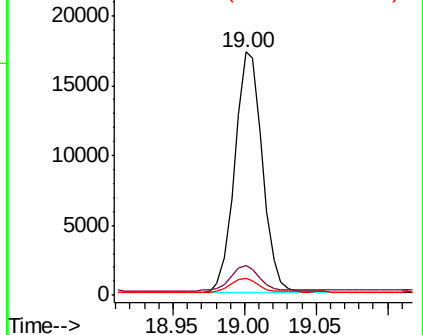
104 6.0 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.181 ng

RT: 19.03 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

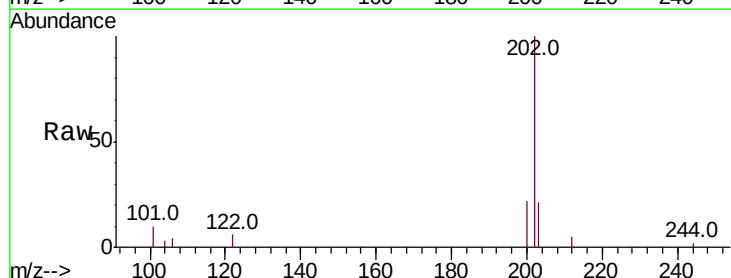
Tgt Ion:202 Resp: 12722

Ion Ratio Lower Upper

202 100

101 9.4 6.9 10.3

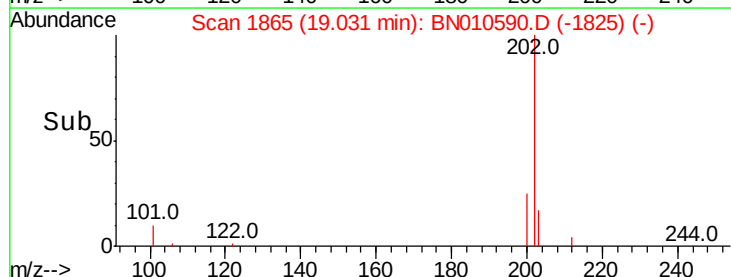
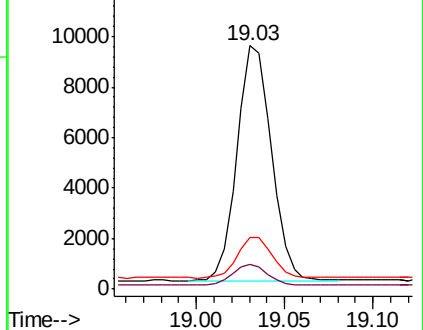
203 17.3 13.9 20.9

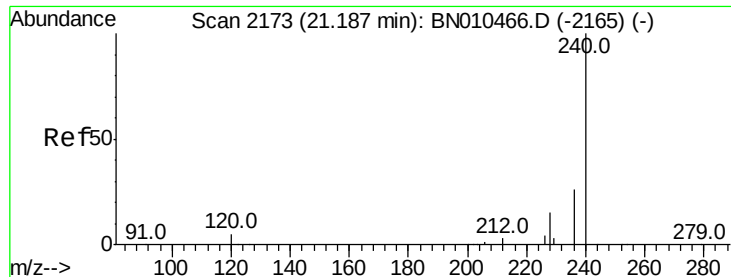


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

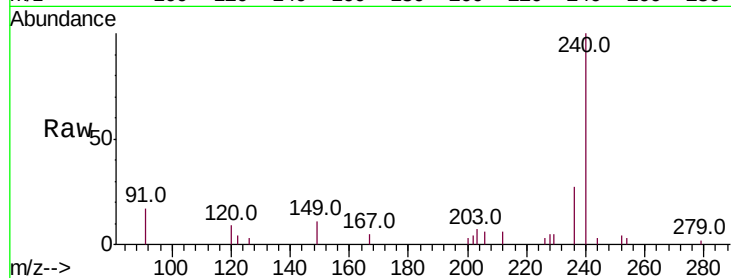




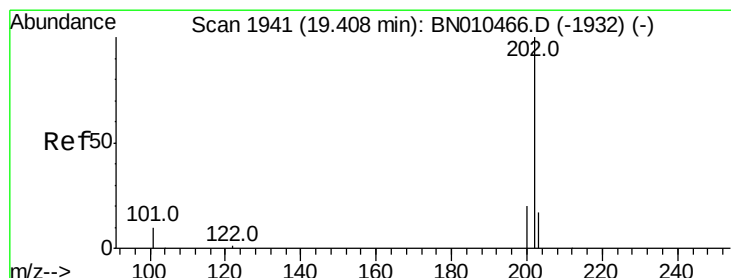
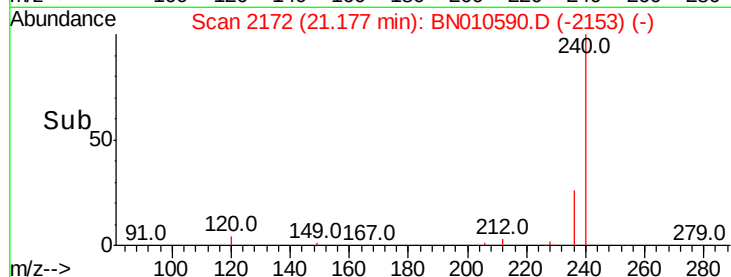
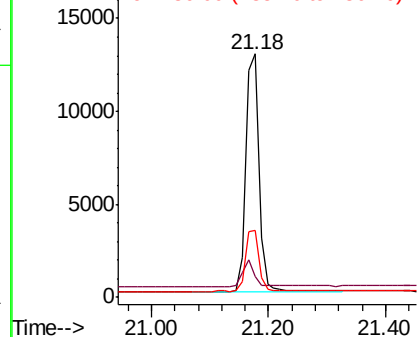
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.18 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BN010590.D
 Acq: 24 Apr 2020 16:01

Instrument :
 BNA_N
 ClientSampleId :
 PA-TWP-3

Tot Ion:240 Resp: 19601
 Ion Ratio Lower Upper
 240 100
 120 8.6 4.8 7.2#
 236 27.4 21.4 32.0

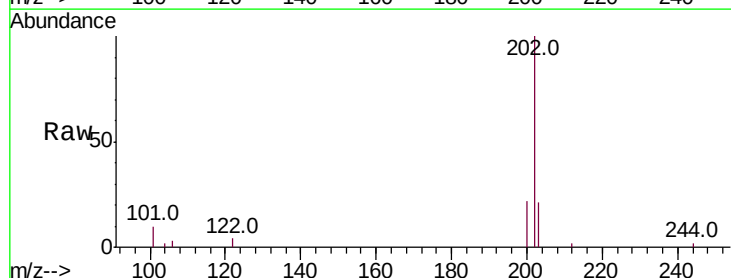


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

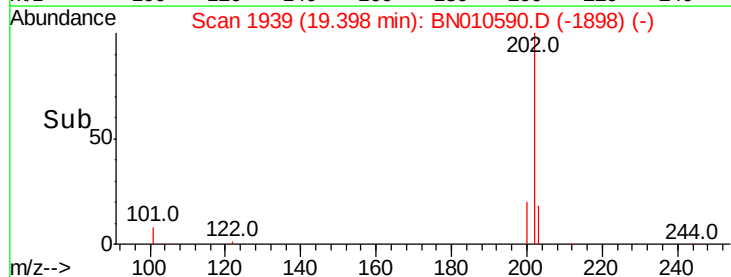
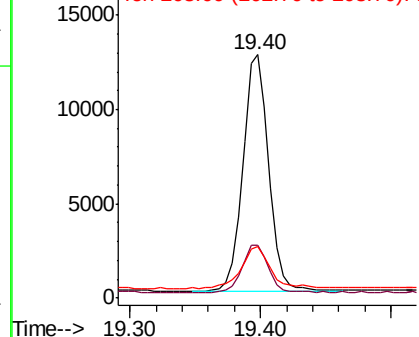


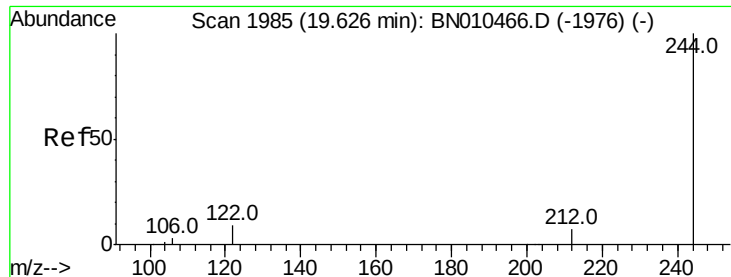
#28
 Pyrene
 Concen: 0.263 ng
 RT: 19.40 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BN010590.D
 Acq: 24 Apr 2020 16:01

Tgt Ion:202 Resp: 17338
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.3 24.5
 203 20.9 14.0 21.0



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





#29

Terphenyl-d14

Concen: 0.566 ng

RT: 19.62 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampled :

PA-TWP-3

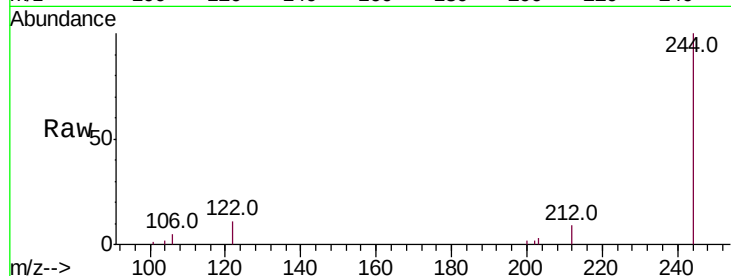
Tot Ion:244 Resp: 25371

Ion Ratio Lower Upper

244 100

212 8.7 6.2 9.4

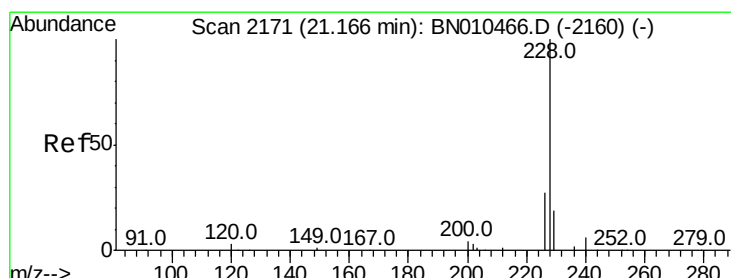
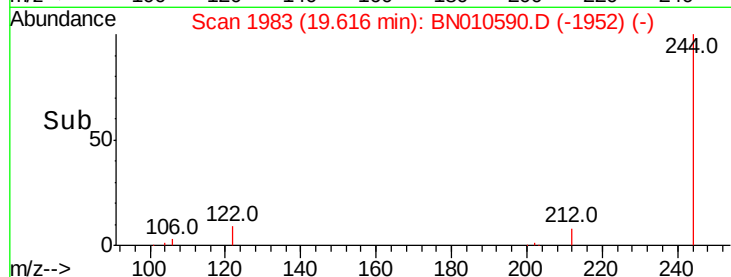
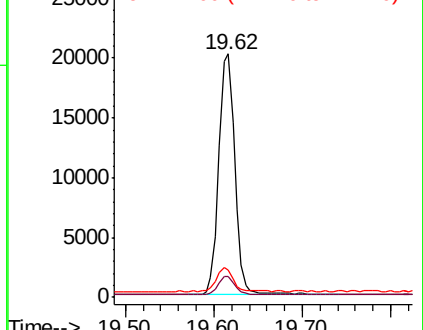
122 11.0 7.8 11.8



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



#30

Benzo(a)anthracene

Concen: 0.048 ng

RT: 21.16 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

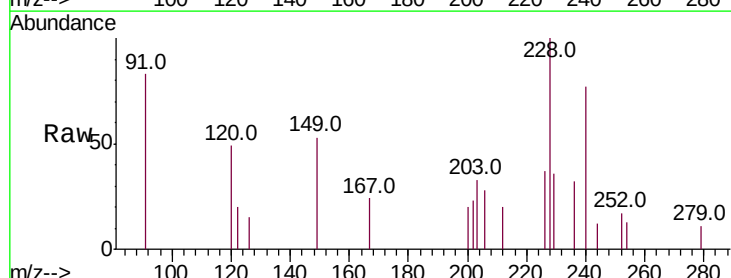
Tgt Ion:228 Resp: 3044

Ion Ratio Lower Upper

228 100

226 37.1 21.7 32.5#

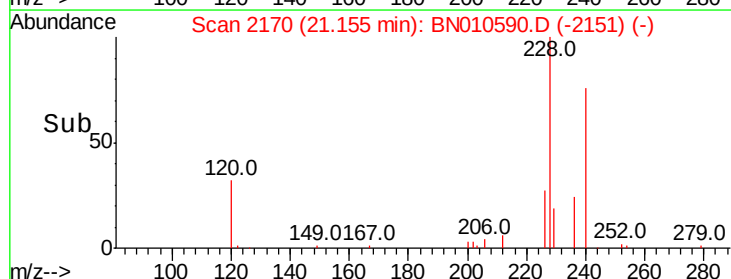
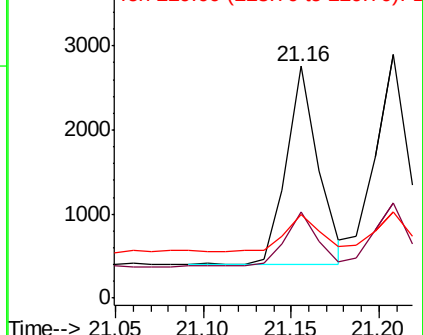
229 35.9 15.6 23.4#

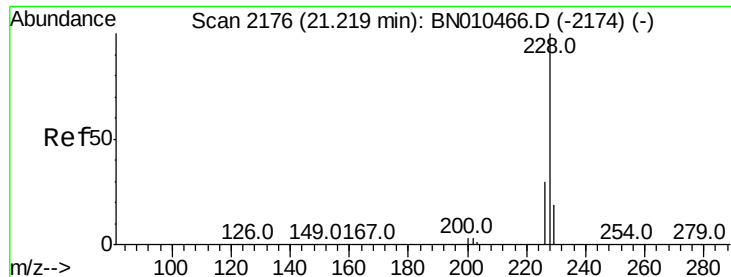


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.053 ng

RT: 21.21 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

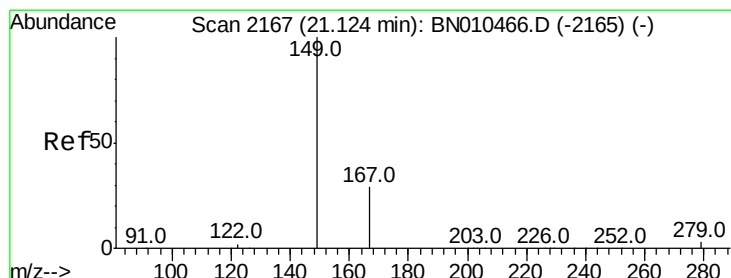
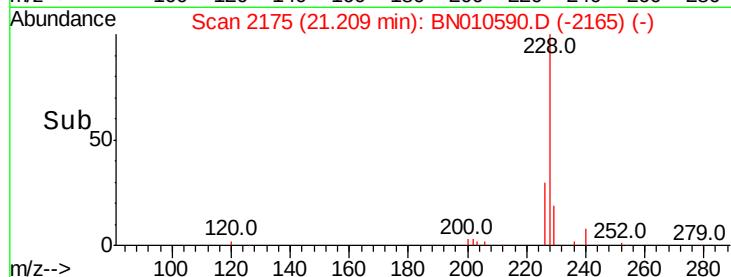
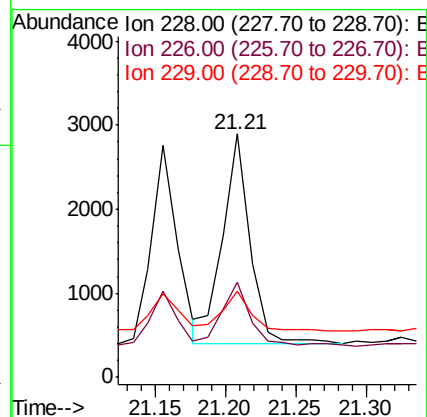
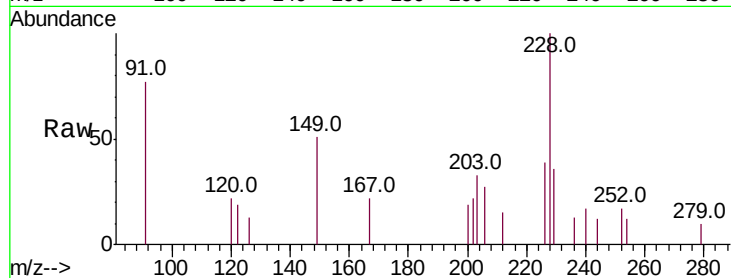
Tot Ion:228 Resp: 3377

Ion Ratio Lower Upper

228 100

226 38.9 24.0 36.0#

229 35.5 15.8 23.6#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.190 ng

RT: 21.11 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

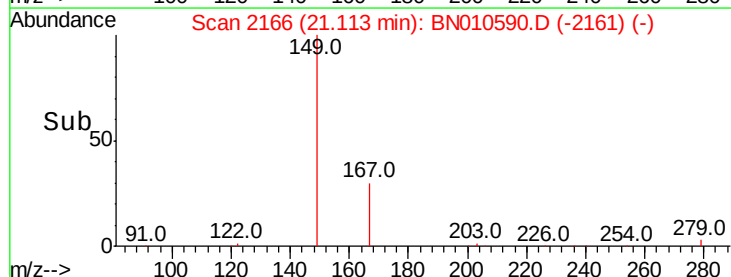
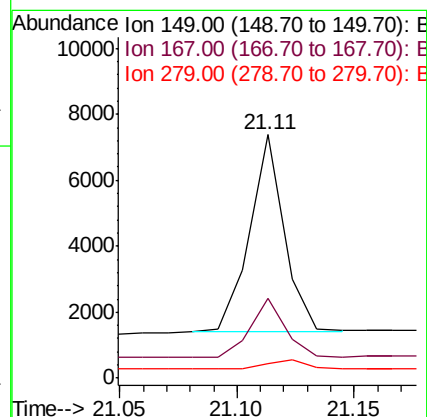
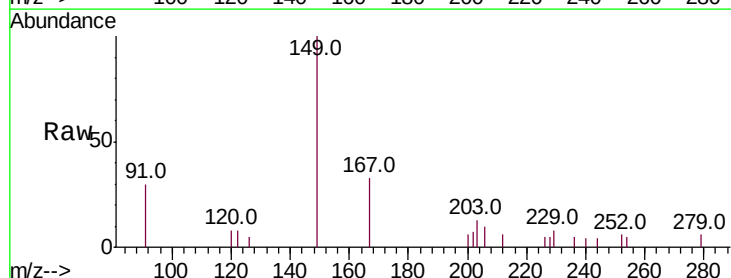
Tgt Ion:149 Resp: 6233

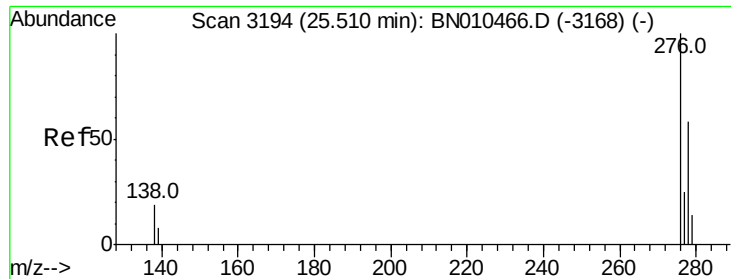
Ion Ratio Lower Upper

149 100

167 30.1 23.4 35.0

279 4.9 4.0 6.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.037 ng

RT: 25.48 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

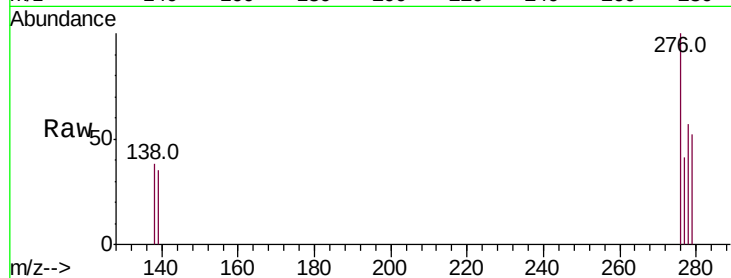
Tot Ion:276 Resp: 2096

Ion Ratio Lower Upper

276 100

138 17.3 16.4 24.6

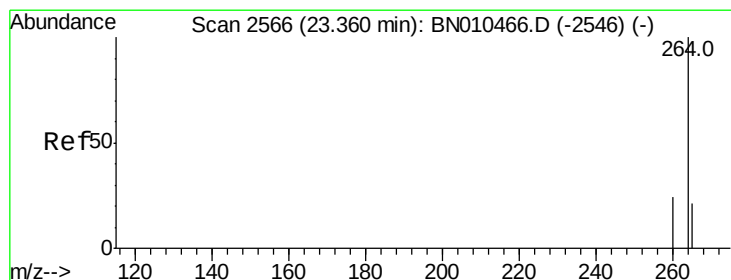
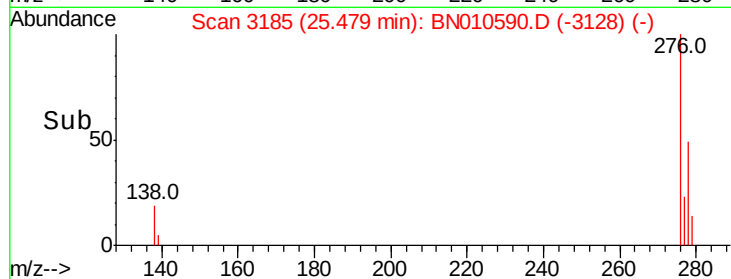
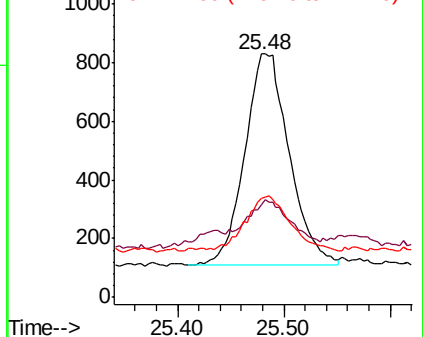
277 27.2 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.34 min Scan# 2561

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

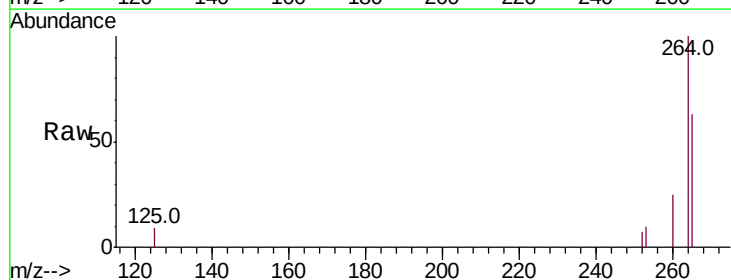
Tgt Ion:264 Resp: 17762

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

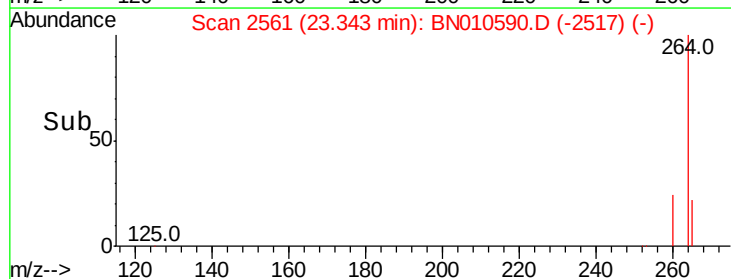
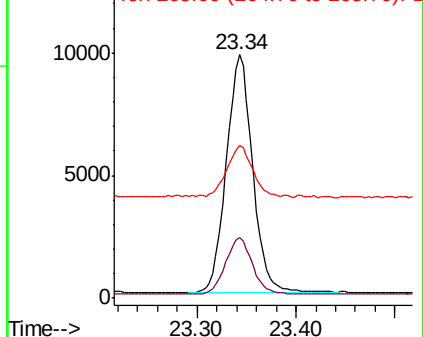
265 62.6 42.3 63.5

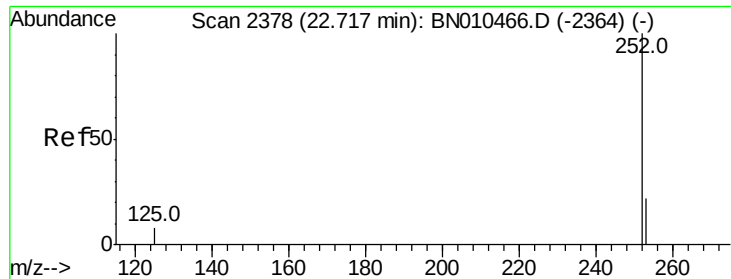


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

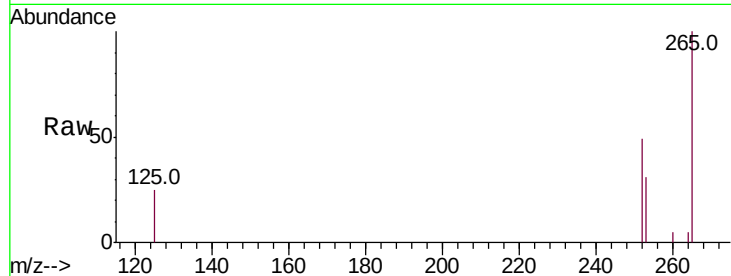




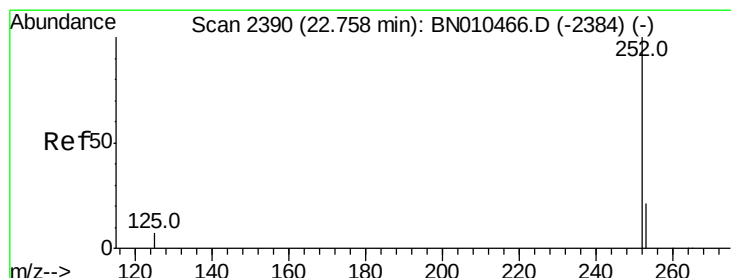
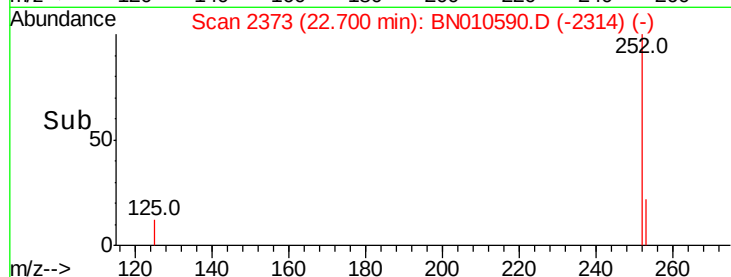
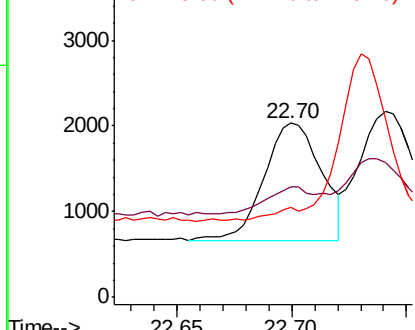
#35
Benzo(b)fluoranthene
Concen: 0.040 ng
RT: 22.70 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN010590.D
Acq: 24 Apr 2020 16:01

Instrument :
BNA_N
ClientSampleId :
PA-TWP-3

Tot Ion:252 Resp: 2363
Ion Ratio Lower Upper
252 100
253 63.1 20.2 30.4#
125 51.4 9.2 13.8#

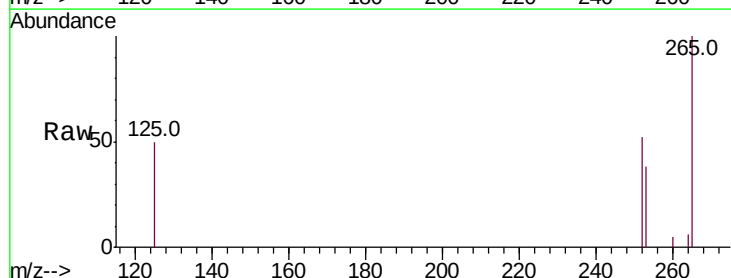


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

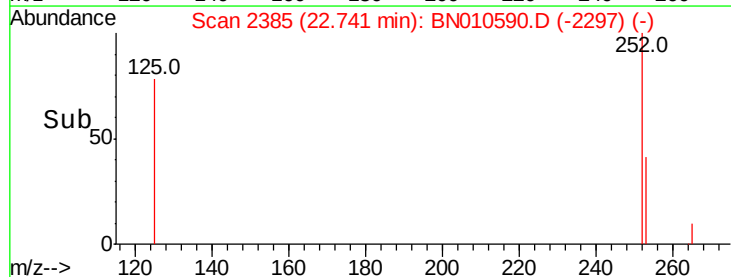
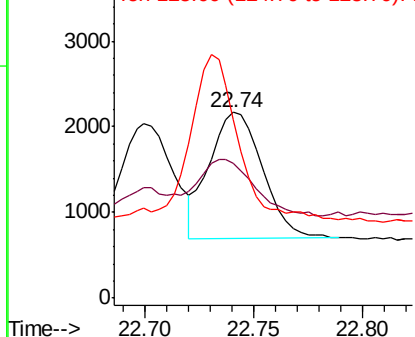


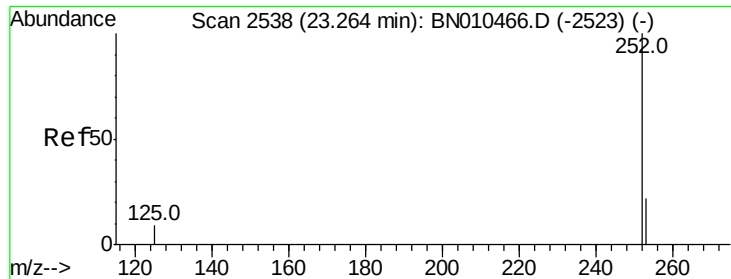
#36
Benzo(k)fluoranthene
Concen: 0.043 ng
RT: 22.74 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BN010590.D
Acq: 24 Apr 2020 16:01

Tgt Ion:252 Resp: 2523
Ion Ratio Lower Upper
252 100
253 72.5 20.1 30.1#
125 96.3 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.039 ng

RT: 23.25 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

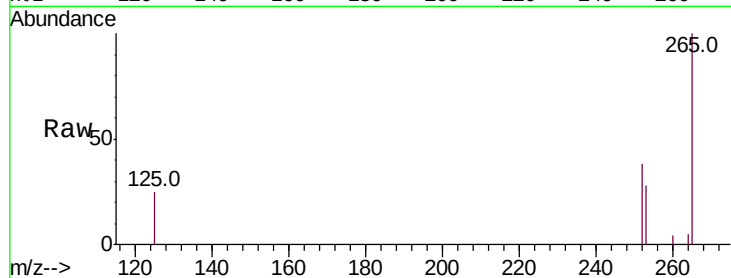
Tot Ion:252 Resp: 1999

Ion Ratio Lower Upper

252 100

253 73.6 21.8 32.8#

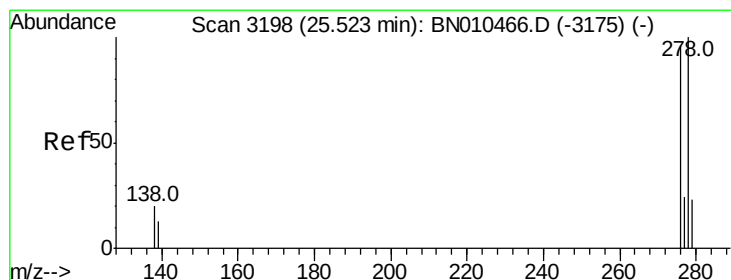
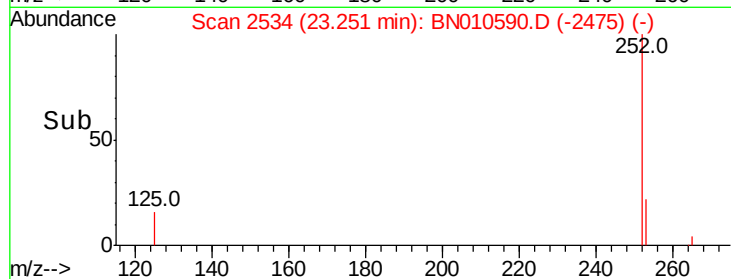
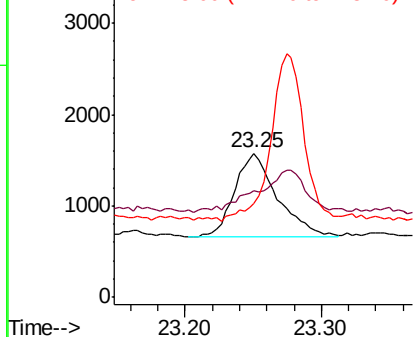
125 65.3 11.0 16.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.036 ng

RT: 25.50 min Scan# 3190

Delta R.T. 0.00 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

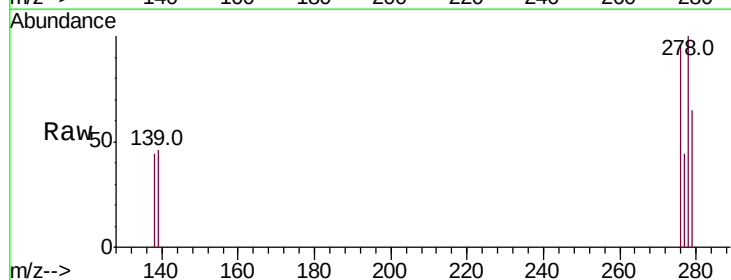
Tgt Ion:278 Resp: 1689

Ion Ratio Lower Upper

278 100

139 45.8 12.3 18.5#

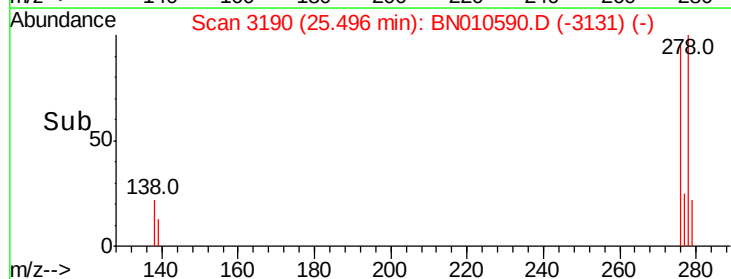
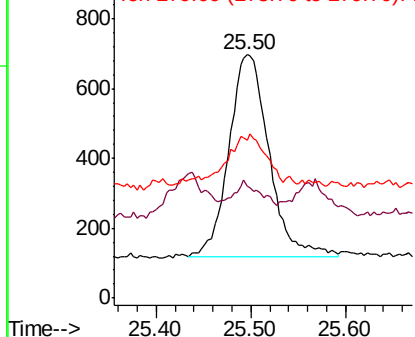
279 64.7 21.9 32.9#

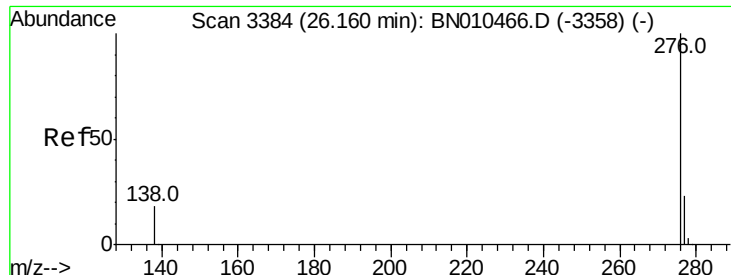


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.037 ng

RT: 26.13 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BN010590.D

Acq: 24 Apr 2020 16:01

Instrument :

BNA_N

ClientSampleId :

PA-TWP-3

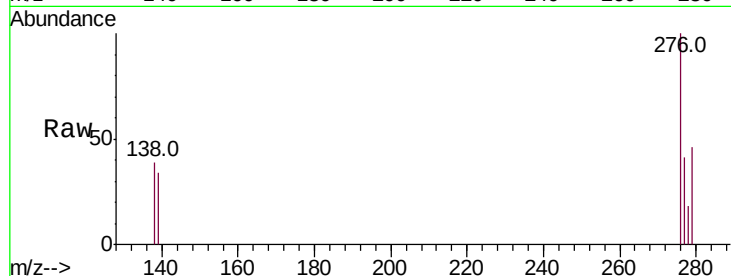
Tot Ion:276 Resp: 1766

Ion Ratio Lower Upper

276 100

277 40.8 20.2 30.2#

138 38.8 15.4 23.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

