

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
 Data File : BN010625.D
 Acq On : 28 Apr 2020 13:42
 Operator : CG/JU
 Sample : L2330-13MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PA-TWP-2MS

Quant Time: Apr 28 14:12:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3073	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	13249	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	8623	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	19961	0.40	ng	0.00
27) Chrysene-d12	21.17	240	17088	0.40	ng	0.00
34) Perylene-d12	23.33	264	15248	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1366	0.20	ng	0.00
5) Phenol-d6	6.78	99	1054	0.12	ng	0.00
8) Nitrobenzene-d5	8.72	82	3620	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	10421	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1638	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	15233	0.49	ng	0.00
25) Fluoranthene-d10	19.00	212	20479	0.34	ng	0.00
29) Terphenyl-d14	19.61	244	20420	0.52	ng	0.00

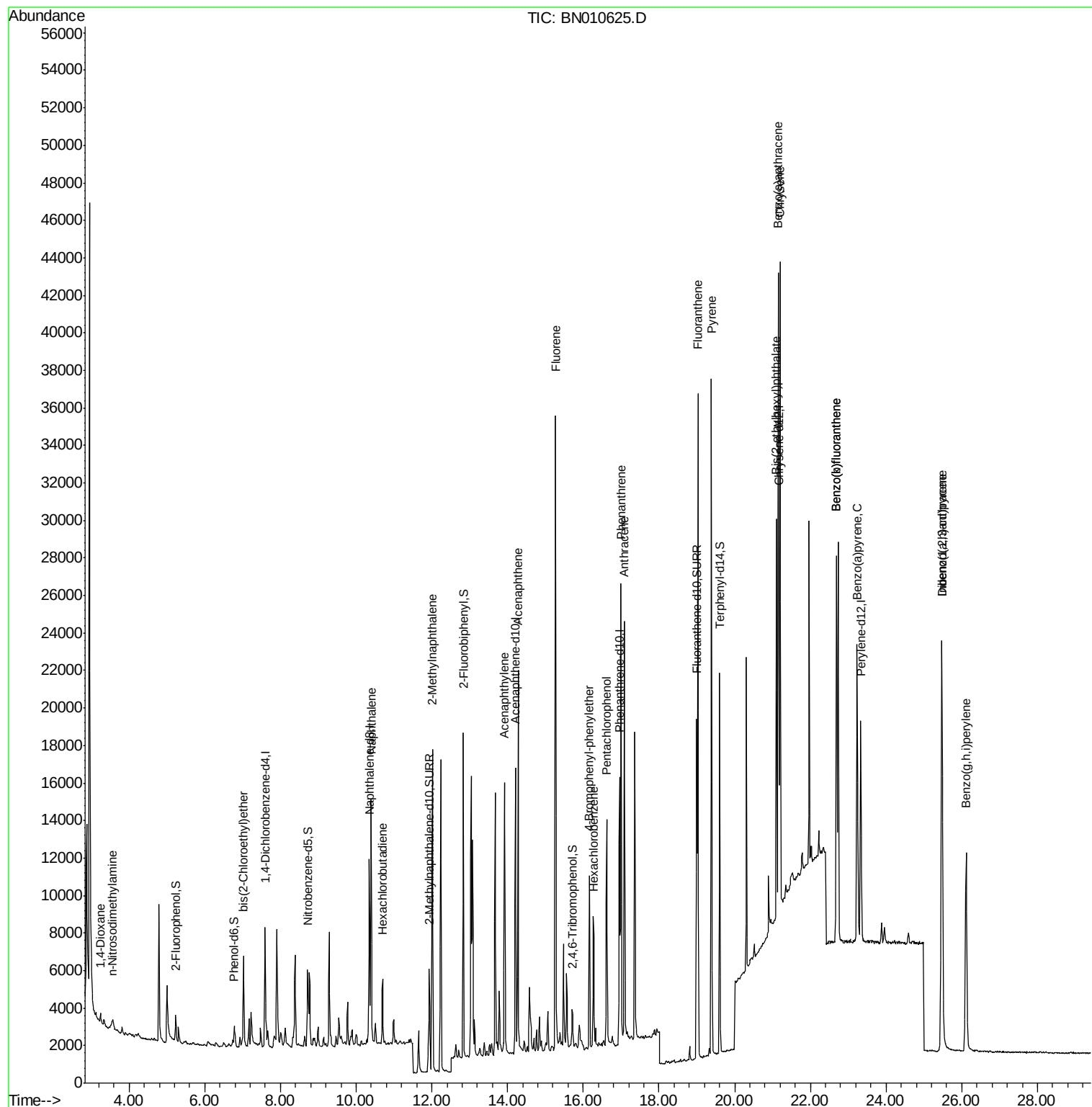
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	445	0.197	ng	# 73
3) n-Nitrosodimethylamine	3.55	42	356	0.243	ng	# 79
6) bis(2-Chloroethyl)ether	7.03	93	3955	0.519	ng	98
9) Naphthalene	10.39	128	16033	0.487	ng	99
10) Hexachlorobutadiene	10.70	225	3033	0.382	ng	# 99
12) 2-Methylnaphthalene	12.01	142	12175	0.515	ng	100
16) Acenaphthylene	13.92	152	17954	0.482	ng	100
17) Acenaphthene	14.28	154	11535	0.482	ng	100
18) Fluorene	15.27	166	15699	0.501	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	4961	0.447	ng	97
21) Hexachlorobenzene	16.28	284	5540	0.438	ng	98
22) Pentachlorophenol	16.62	266	6229	1.251	ng	97
23) Phenanthrene	17.00	178	28428	0.527	ng	100
24) Anthracene	17.09	178	24003	0.487	ng	100
26) Fluoranthene	19.03	202	31809	0.474	ng	100
28) Pyrene	19.39	202	32409	0.563	ng	99
30) Benzo(a)anthracene	21.14	228	27230	0.488	ng	99
31) Chrysene	21.20	228	26542	0.478	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	18287	0.639	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	25387	0.517	ng	99
35) Benzo(b)fluoranthene	22.69	252	24470	0.487	ng	96
36) Benzo(k)fluoranthene	22.69	252	24470	0.486	ng	96
37) Benzo(a)pyrene	23.24	252	22135	0.498	ng	96
38) Dibenzo(a,h)anthracene	25.48	278	20905	0.515	ng	93
39) Benzo(g,h,i)perylene	26.12	276	21491	0.526	ng	99

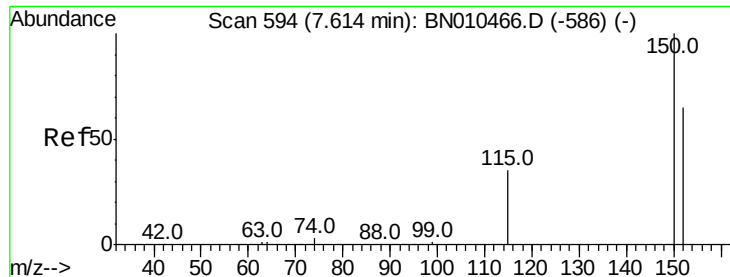
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
Data File : BN010625.D
Acq On : 28 Apr 2020 13:42
Operator : CG/JU
Sample : L2330-13MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PA-TWP-2MS

Quant Time: Apr 28 14:12:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.59 min Scan# 591

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

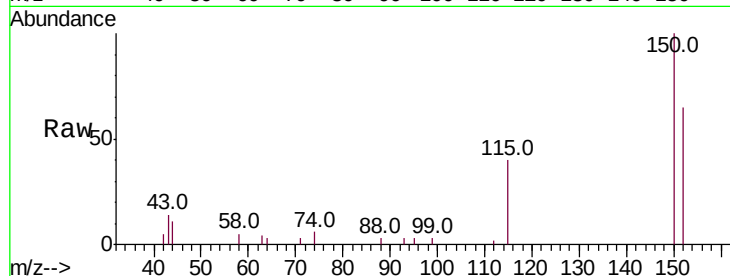
Tot Ion:152 Resp: 3073

Ion Ratio Lower Upper

152 100

150 153.7 121.8 182.6

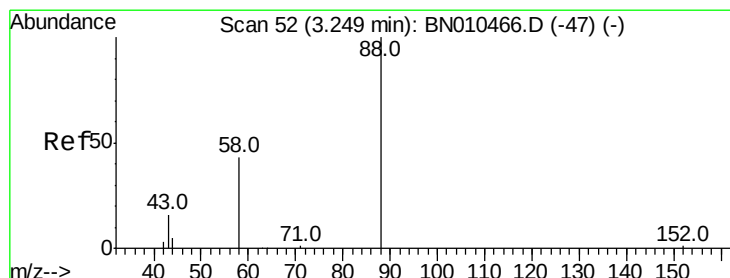
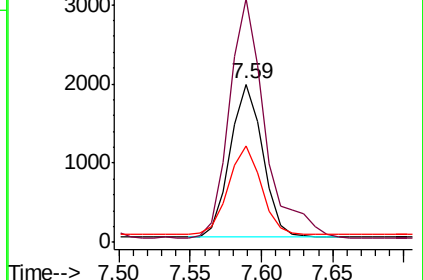
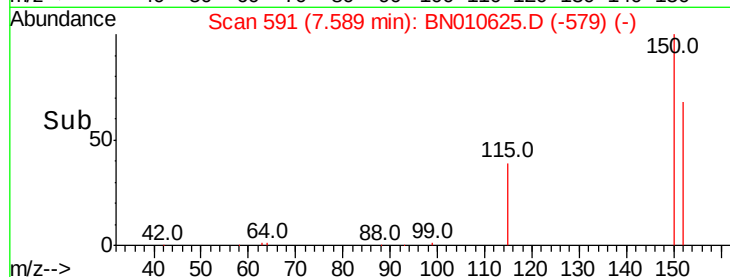
115 60.9 45.5 68.3



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



#2

1,4-Dioxane

Concen: 0.197 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

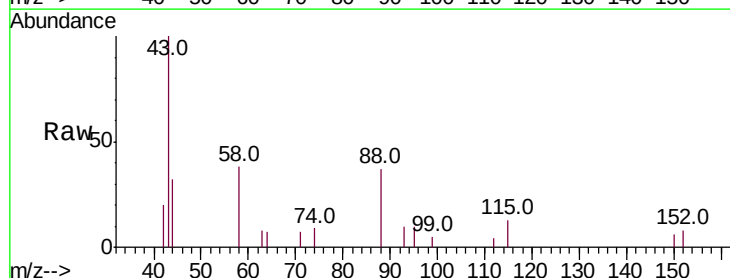
Tgt Ion: 88 Resp: 445

Ion Ratio Lower Upper

88 100

58 38.7 36.5 54.7

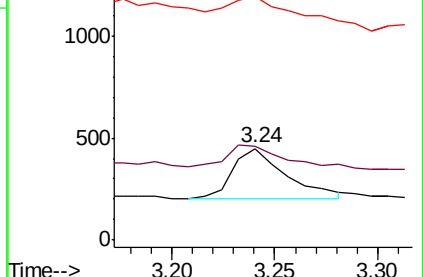
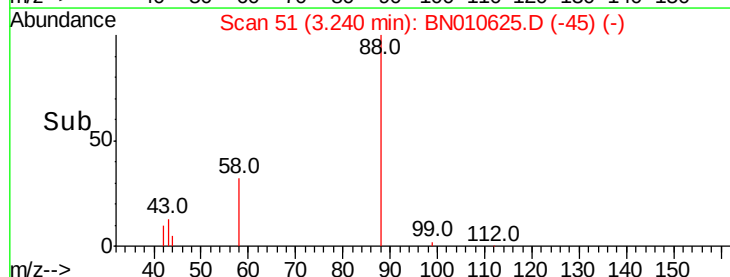
43 48.3 13.2 19.8#

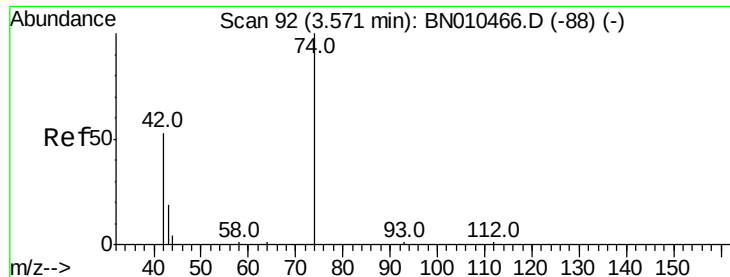


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



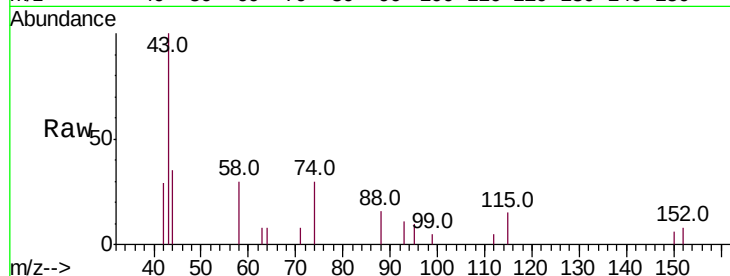


#3

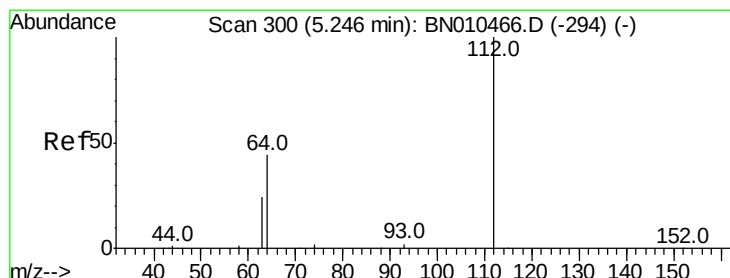
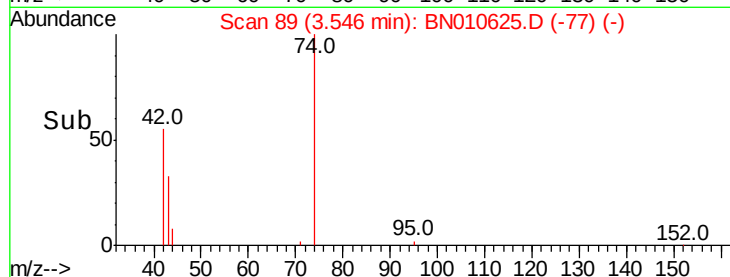
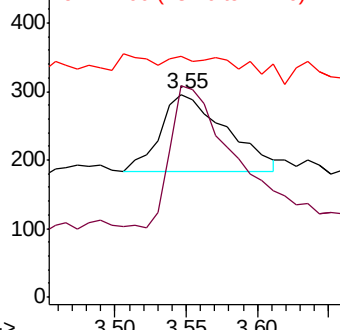
n-Nitrosodimethylamine
 Concen: 0.243 ng
 RT: 3.55 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BN010625.D
 Acq: 28 Apr 2020 13:42

Instrument :
 BNA_N
 ClientSampleId :
 PA-TWP-2MS

Tot Ion: 42 Resp: 356
 Ion Ratio Lower Upper
 42 100
 74 171.1 162.2 243.4
 44 0.0 2.4 3.6#



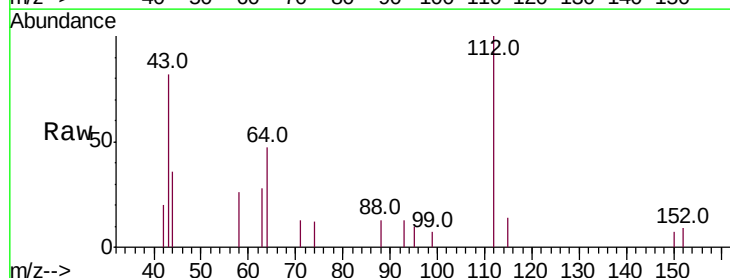
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



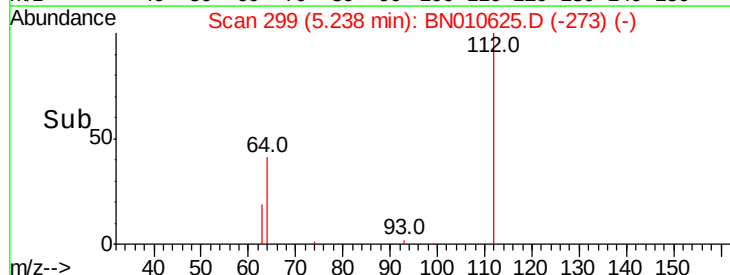
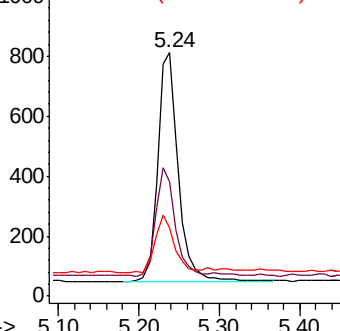
#4

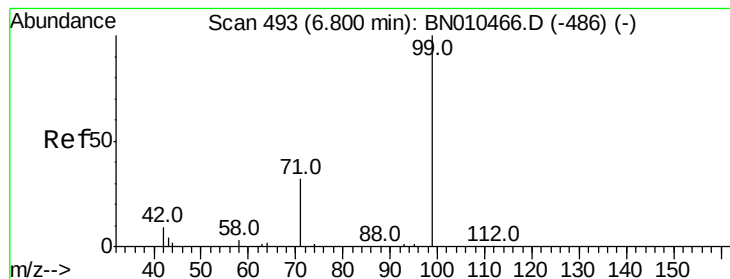
2-Fluorophenol
 Concen: 0.203 ng
 RT: 5.24 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: BN010625.D
 Acq: 28 Apr 2020 13:42

Tgt Ion: 112 Resp: 1366
 Ion Ratio Lower Upper
 112 100
 64 45.1 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): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.120 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

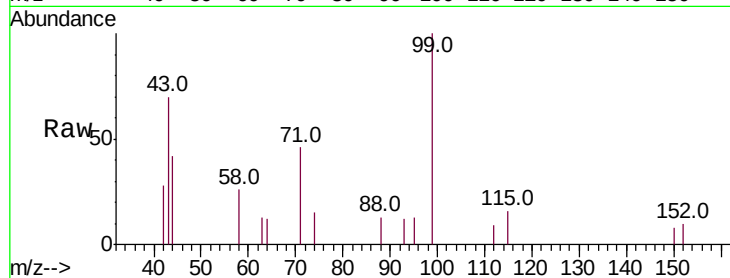
Tot Ion: 99 Resp: 1054

Ion Ratio Lower Upper

99 100

42 18.2 9.8 14.6#

71 41.9 27.8 41.8#



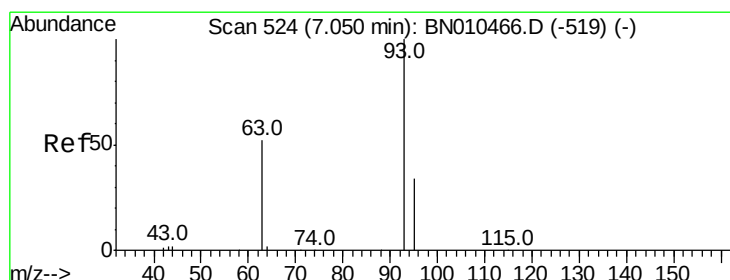
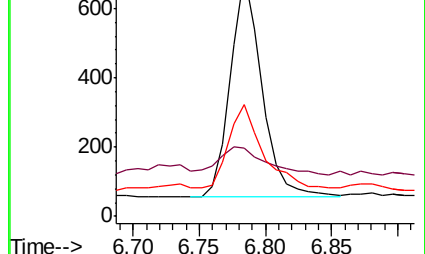
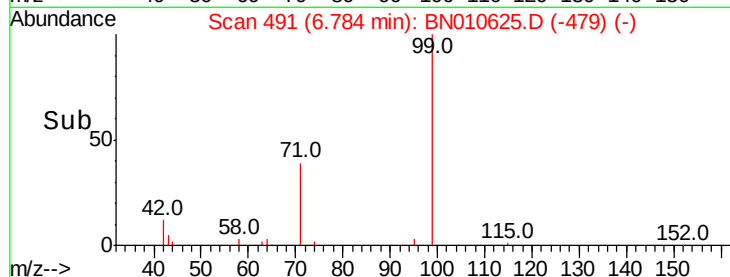
Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

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

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

6.78

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.519 ng

RT: 7.03 min Scan# 521

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

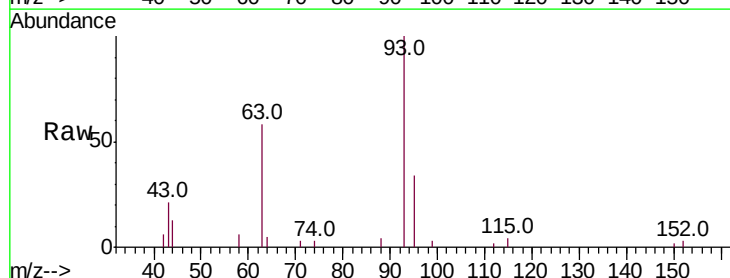
Tgt Ion: 93 Resp: 3955

Ion Ratio Lower Upper

93 100

63 57.0 44.6 66.8

95 33.9 26.5 39.7



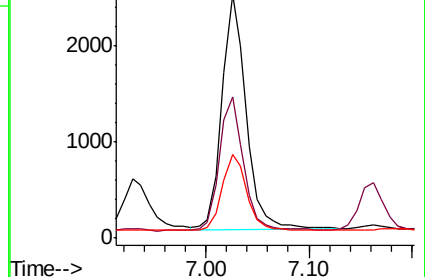
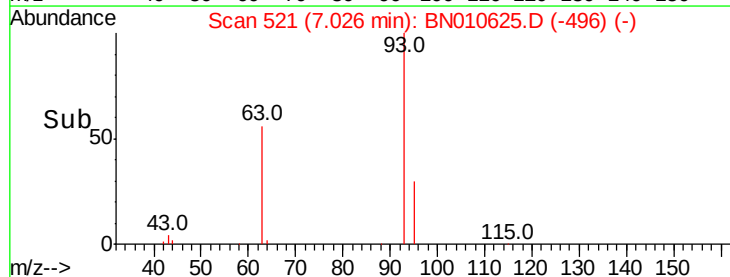
Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

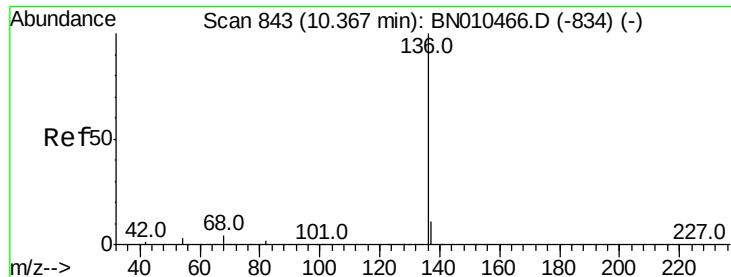
Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)

7.03

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

Tot Ion:136 Resp: 13249

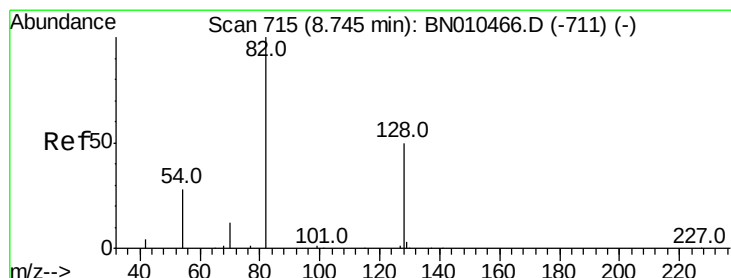
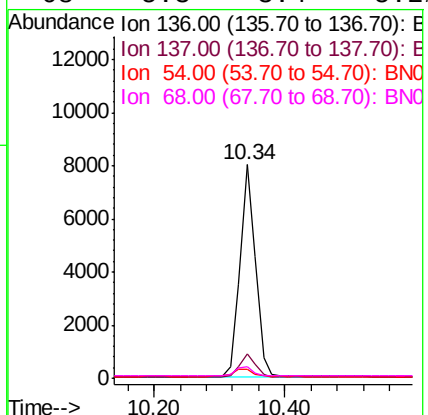
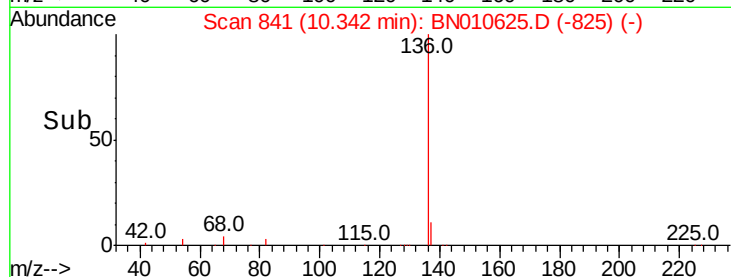
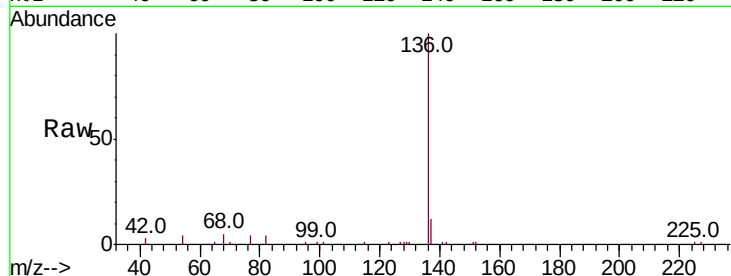
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 4.1 2.6 4.0#

68 5.3 3.4 5.2#



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

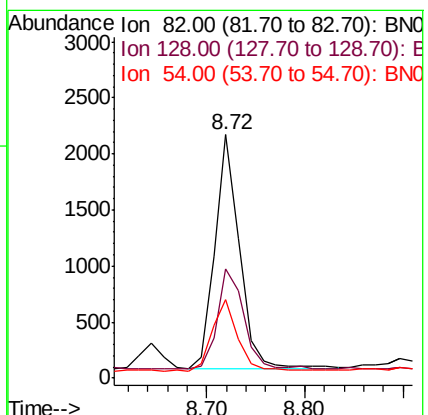
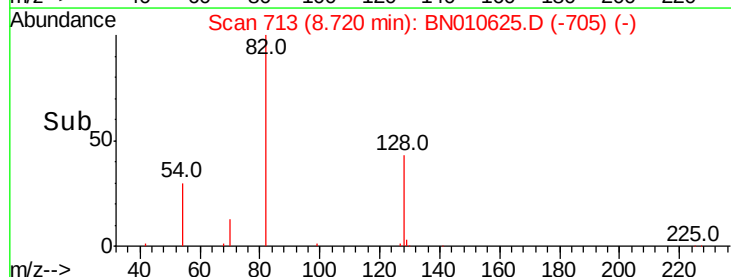
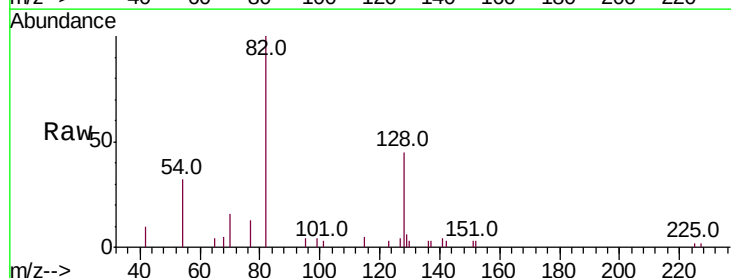
Tgt Ion: 82 Resp: 3620

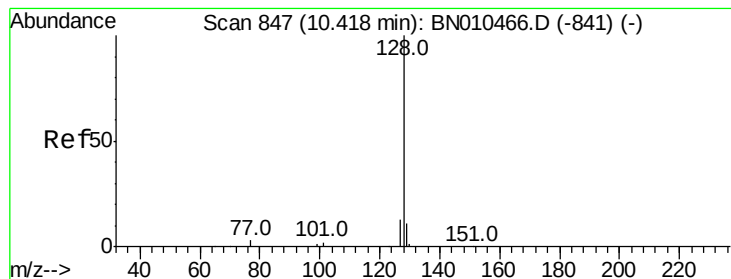
Ion Ratio Lower Upper

82 100

128 45.1 41.3 61.9

54 32.3 23.4 35.0





#9

Naphthalene

Concen: 0.487 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

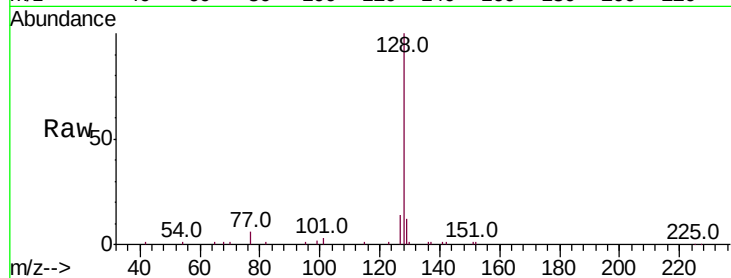
Tot Ion:128 Resp: 16033

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

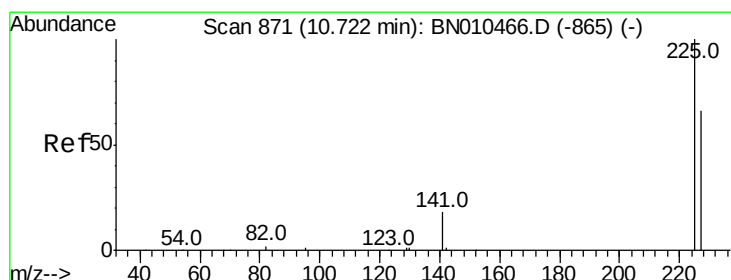
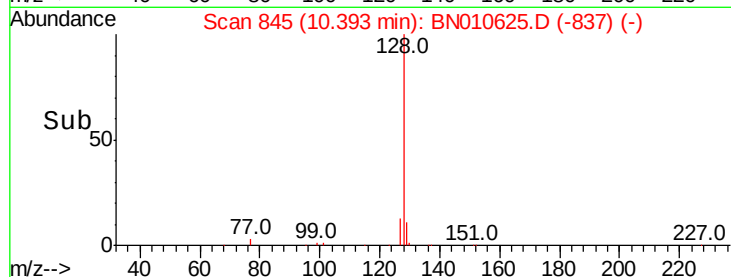
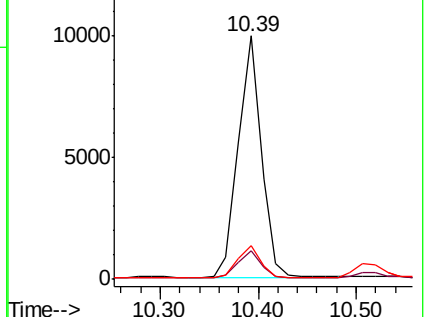
127 13.6 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.382 ng

RT: 10.70 min Scan# 869

Delta R.T. 0.01 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

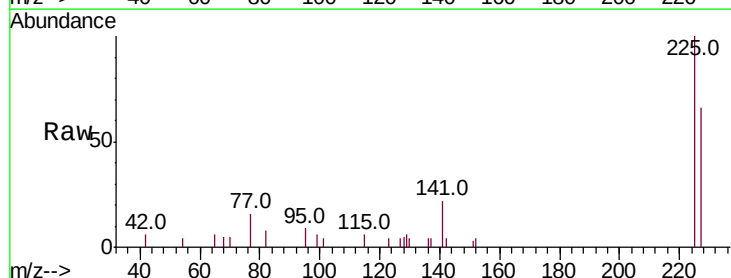
Tgt Ion:225 Resp: 3033

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

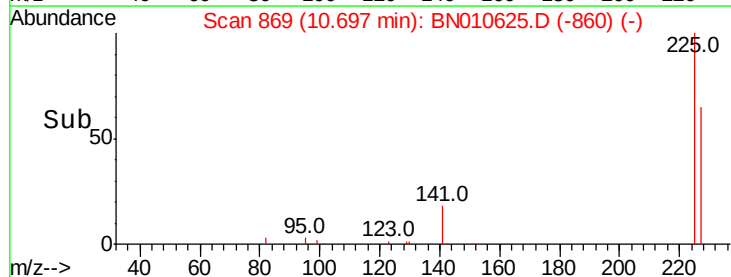
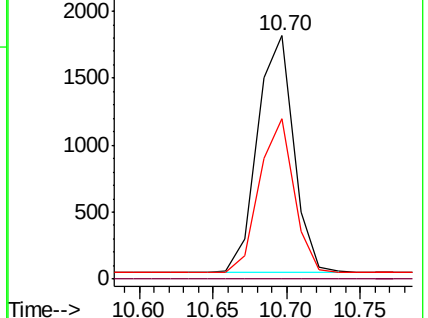
227 62.2 50.6 76.0

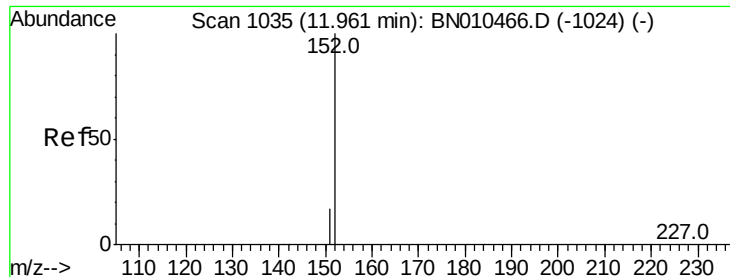


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

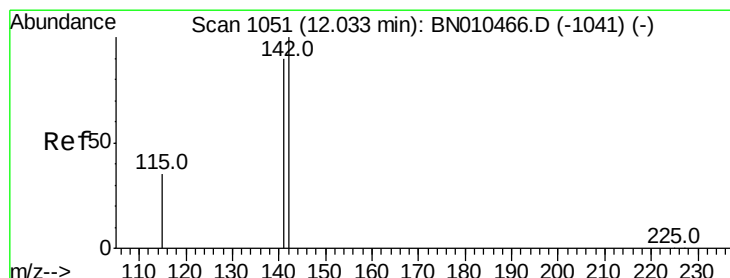
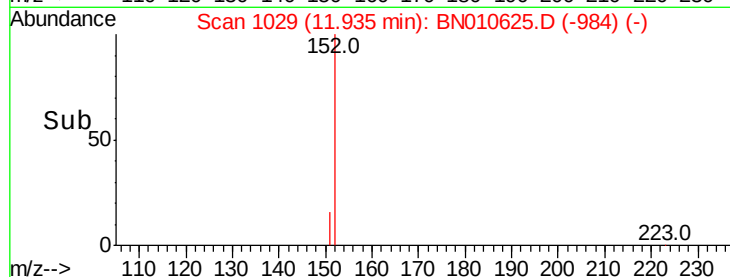
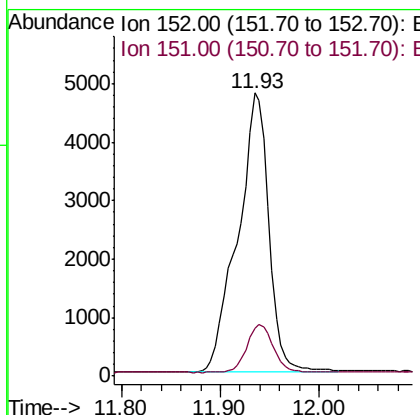
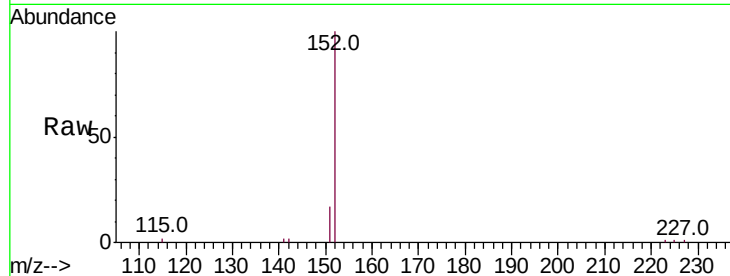




#11
2-Methylnaphthalene-d10
Concen: 0.478 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010625.D
Acq: 28 Apr 2020 13:42

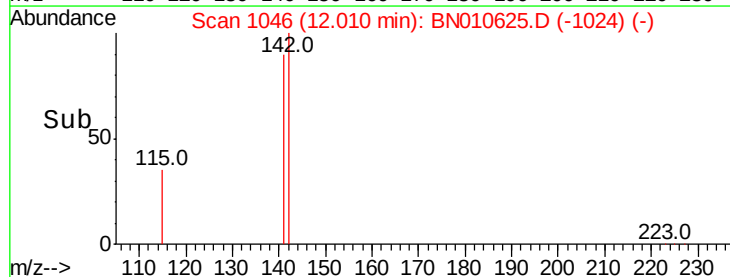
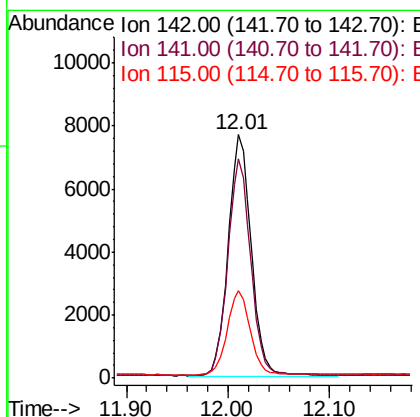
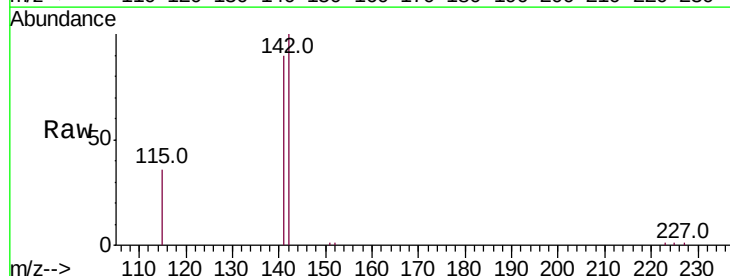
Instrument :
BNA_N
ClientSampleId :
PA-TWP-2MS

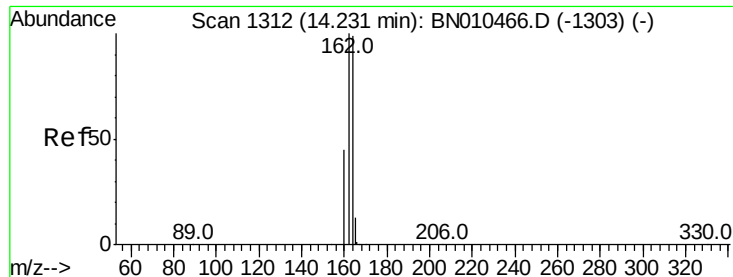
Tot Ion:152 Resp: 10421
Ion Ratio Lower Upper
152 100
151 14.9 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.515 ng
RT: 12.01 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN010625.D
Acq: 28 Apr 2020 13:42

Tgt Ion:142 Resp: 12175
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 35.9 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

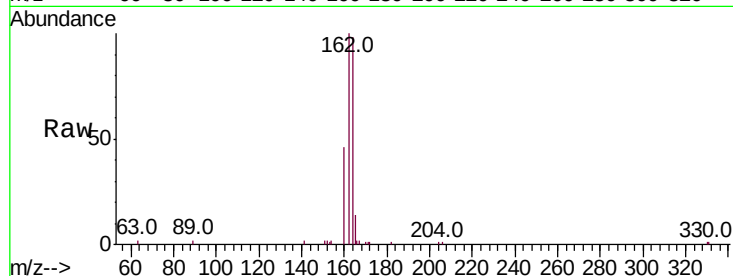
Tot Ion:164 Resp: 8623

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

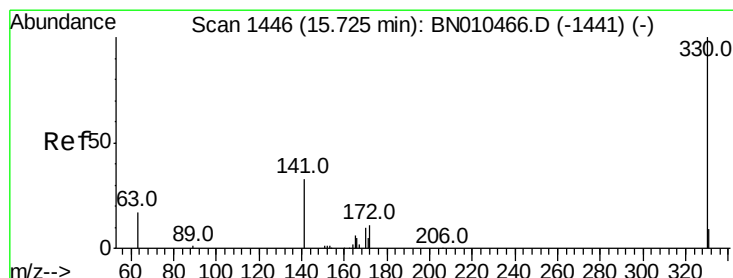
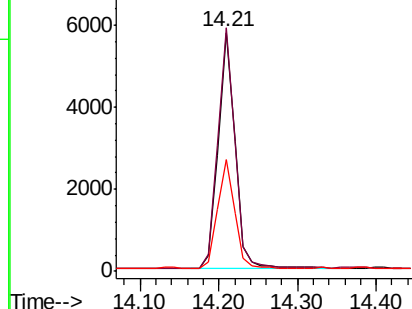
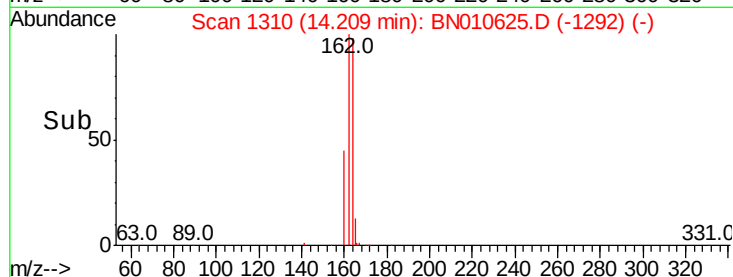
160 46.9 36.5 54.7



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: 0.403 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

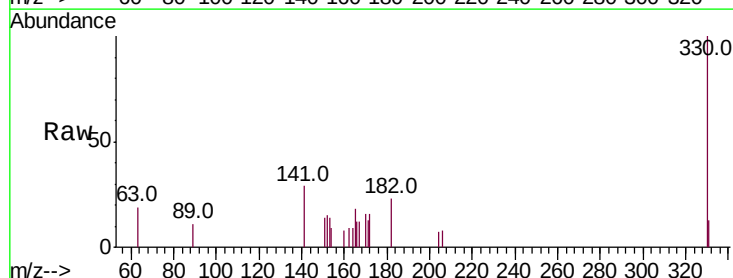
Tgt Ion:330 Resp: 1638

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

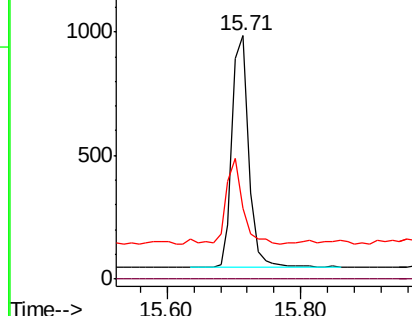
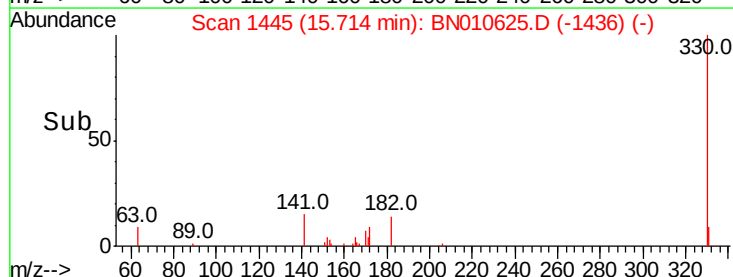
141 35.8 28.1 42.1

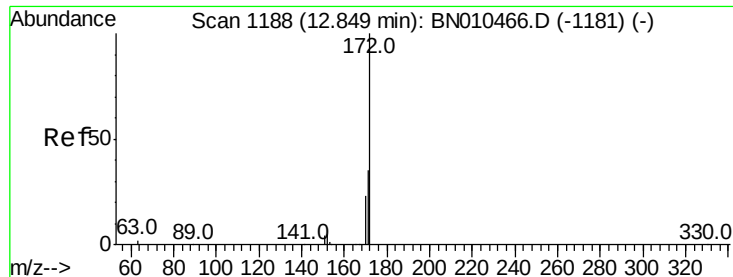


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

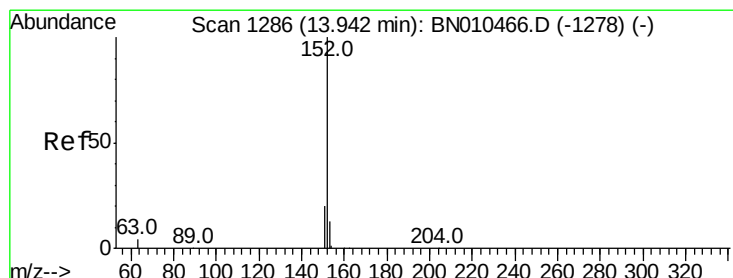
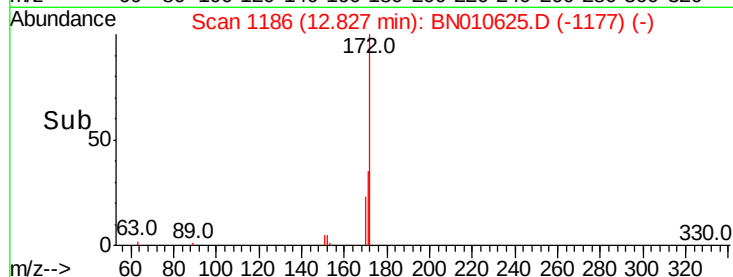
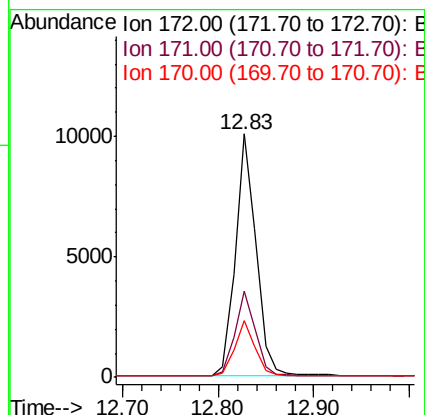
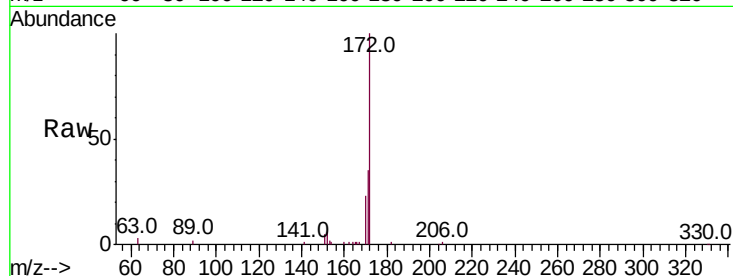




#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 12.83 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010625.D
Acq: 28 Apr 2020 13:42

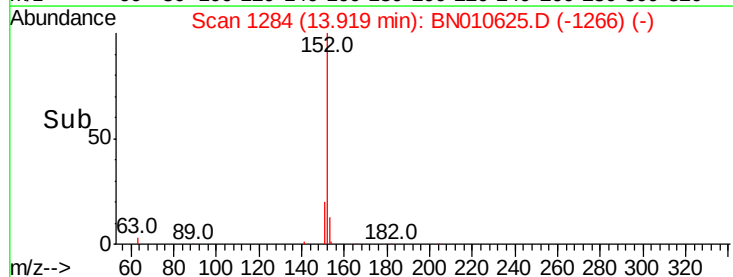
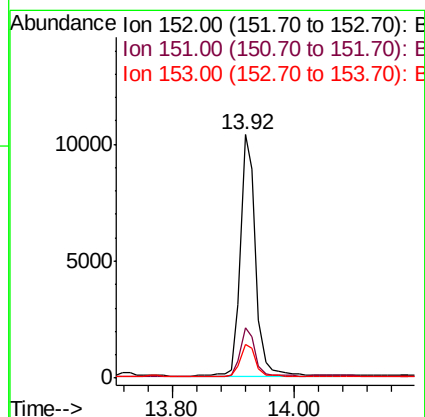
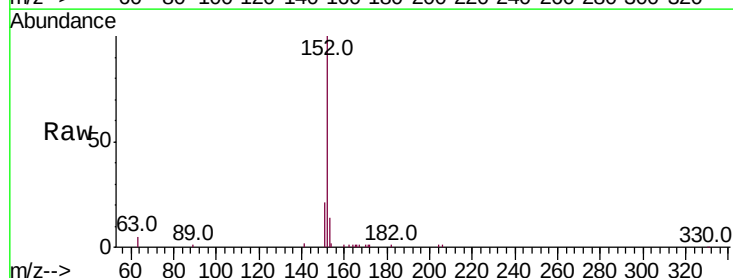
Instrument :
BNA_N
ClientSampleId :
PA-TWP-2MS

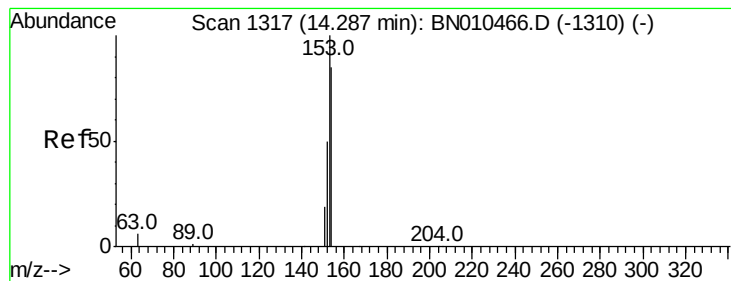
Tot Ion:172 Resp: 15233
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.1 18.4 27.6



#16
Acenaphthylene
Concen: 0.482 ng
RT: 13.92 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN010625.D
Acq: 28 Apr 2020 13:42

Tgt Ion:152 Resp: 17954
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.4 10.6 15.8





#17

Acenaphthene

Concen: 0.482 ng

RT: 14.28 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampled :

PA-TWP-2MS

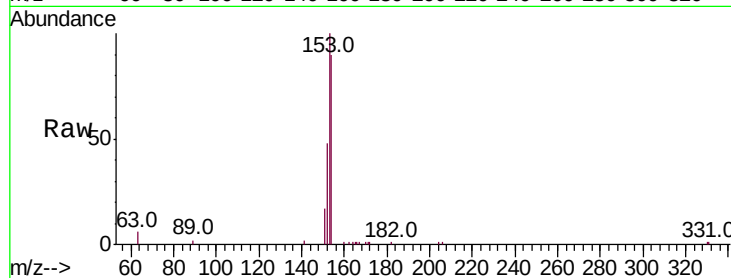
Tot Ion:154 Resp: 11535

Ion Ratio Lower Upper

154 100

153 113.4 91.0 136.4

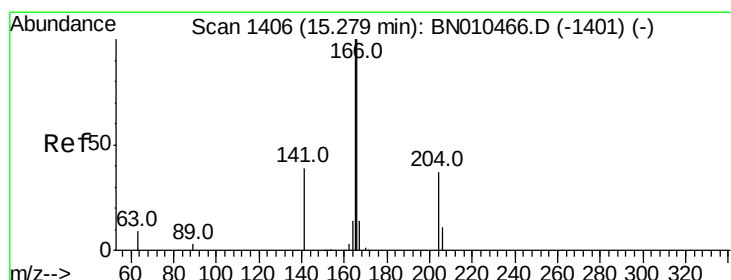
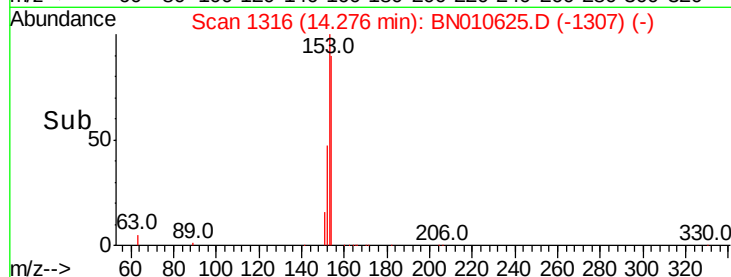
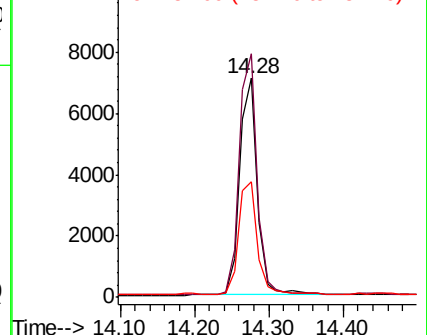
152 55.3 44.6 67.0



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: 0.501 ng

RT: 15.27 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

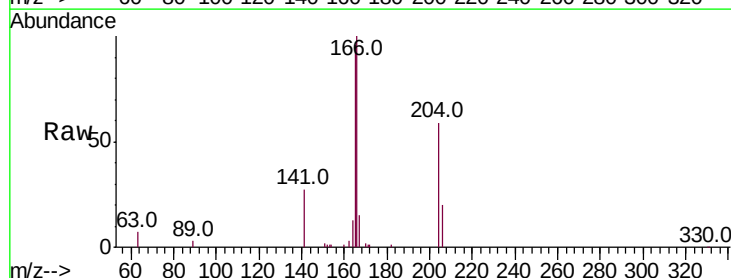
Tgt Ion:166 Resp: 15699

Ion Ratio Lower Upper

166 100

165 98.7 78.4 117.6

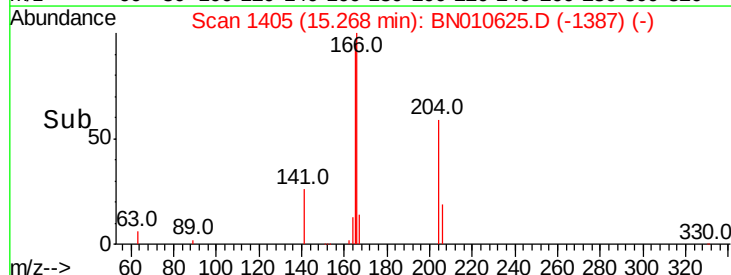
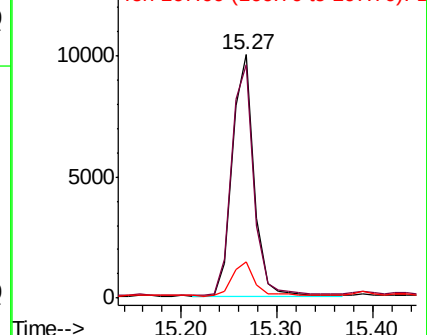
167 14.9 10.9 16.3

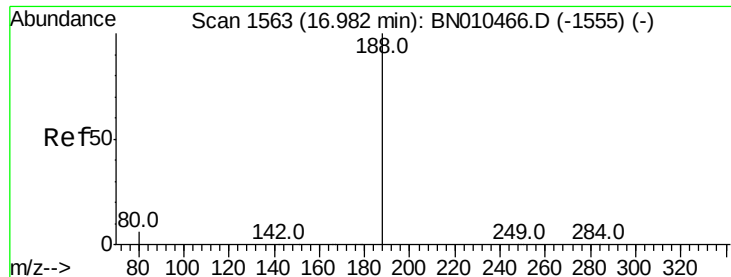


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

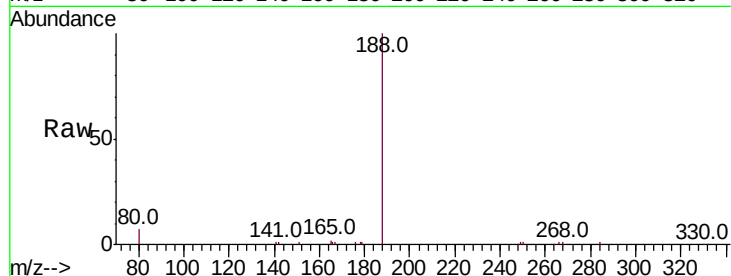
Tot Ion:188 Resp: 19961

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

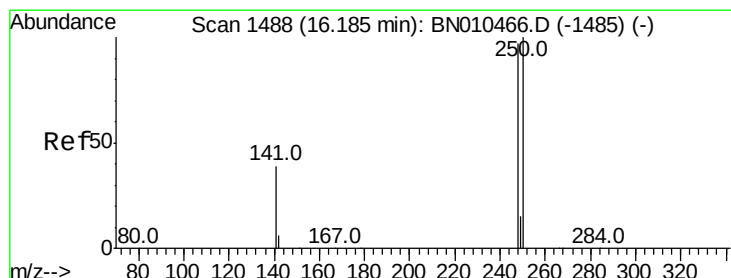
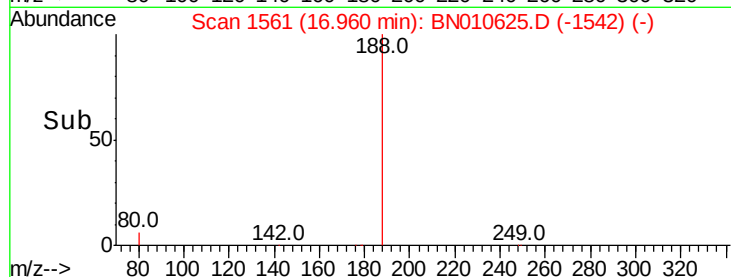
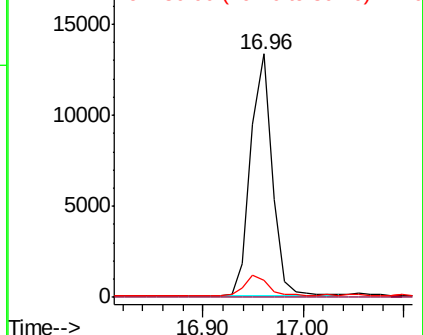
80 7.3 5.0 7.6



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: 0.447 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

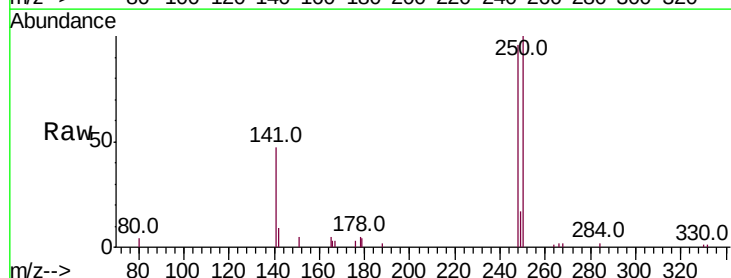
Tgt Ion:248 Resp: 4961

Ion Ratio Lower Upper

248 100

250 104.1 82.3 123.5

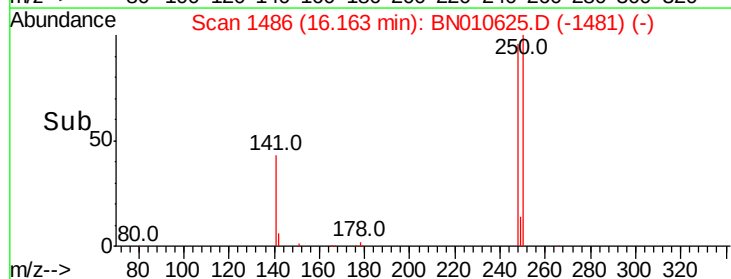
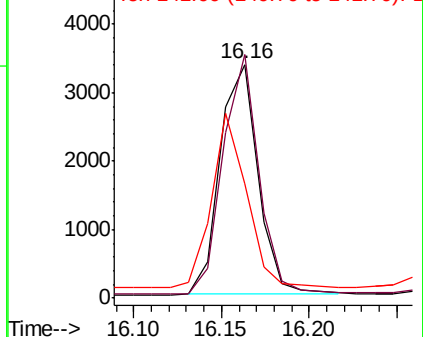
141 48.8 35.2 52.8

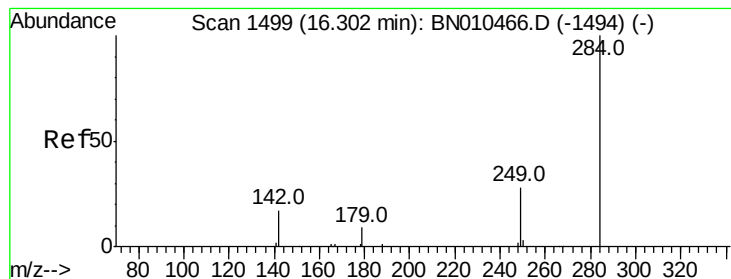


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.438 ng

RT: 16.28 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

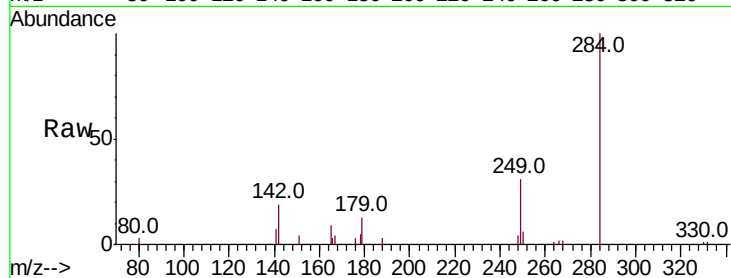
Tot Ion:284 Resp: 5540

Ion Ratio Lower Upper

284 100

142 33.0 25.5 38.3

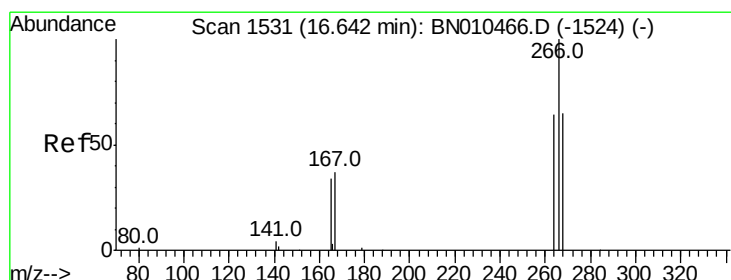
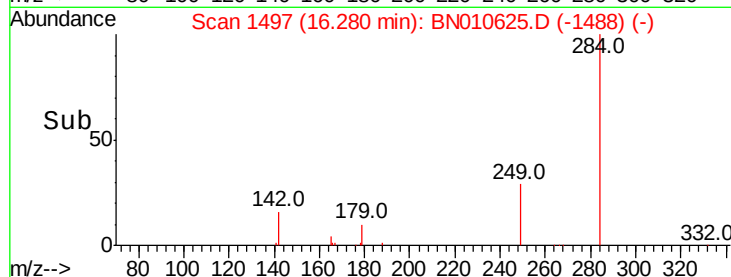
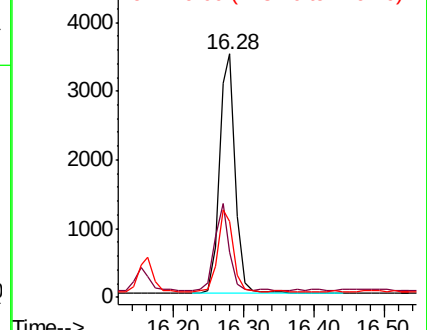
249 33.6 25.8 38.6



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: 1.251 ng

RT: 16.62 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

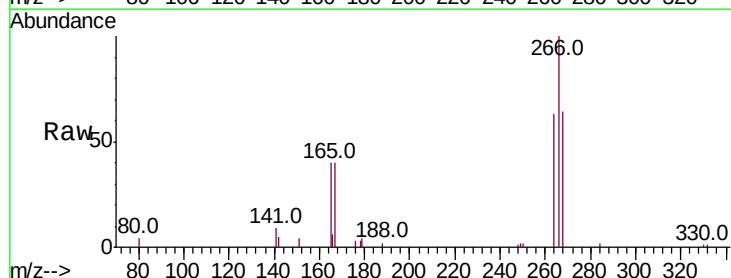
Tgt Ion:266 Resp: 6229

Ion Ratio Lower Upper

266 100

264 62.8 51.8 77.6

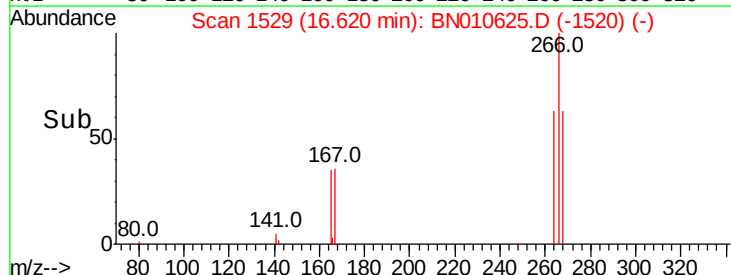
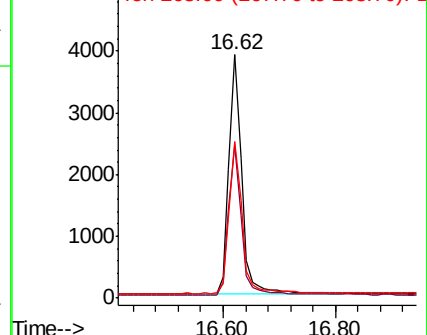
268 64.3 53.7 80.5

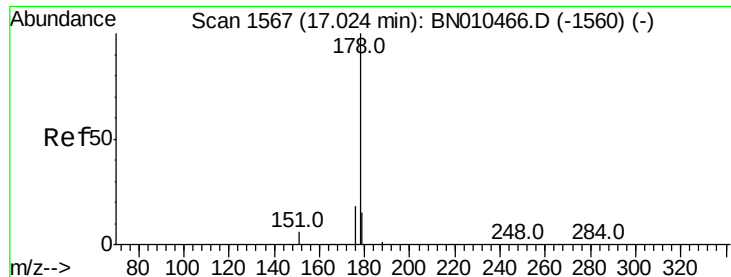


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.527 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

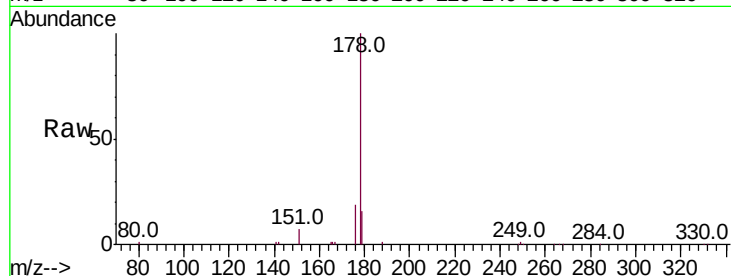
Tot Ion:178 Resp: 28428

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

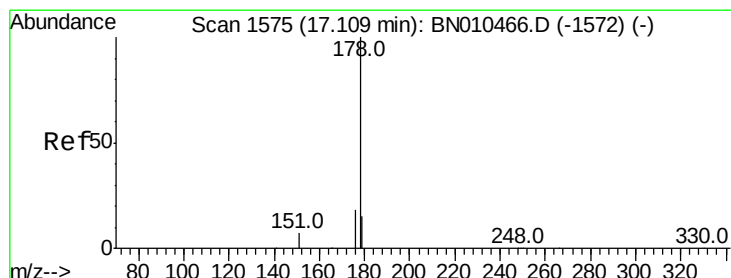
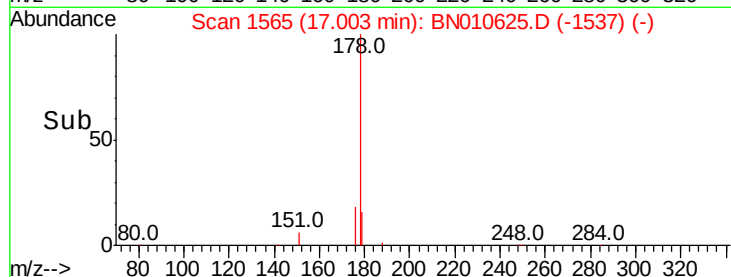
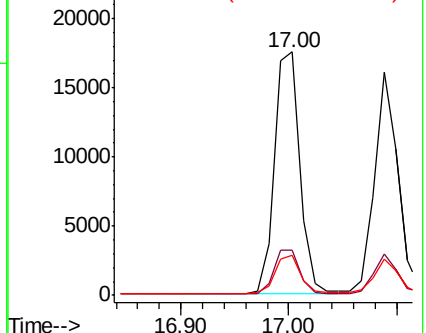
179 15.7 12.6 18.8



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: 0.487 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

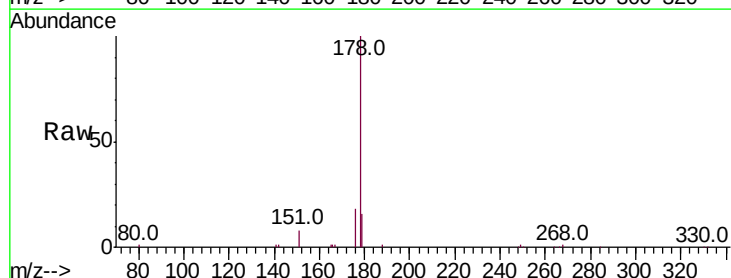
Tgt Ion:178 Resp: 24003

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

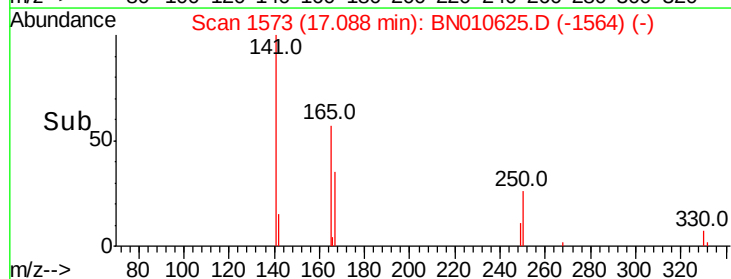
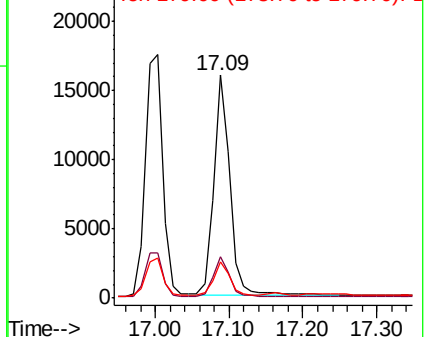
179 15.1 12.2 18.2

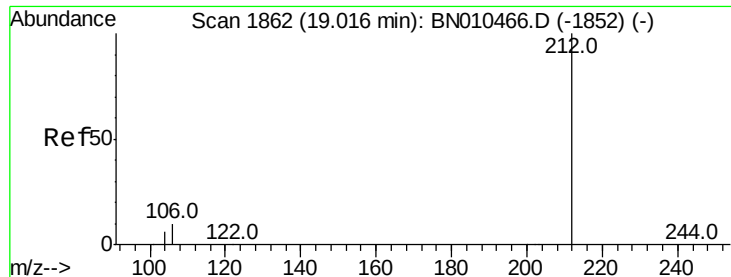


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.00 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

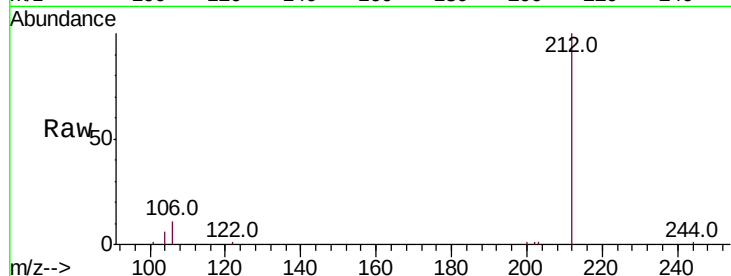
Tot Ion:212 Resp: 20479

Ion Ratio Lower Upper

212 100

106 10.2 7.8 11.6

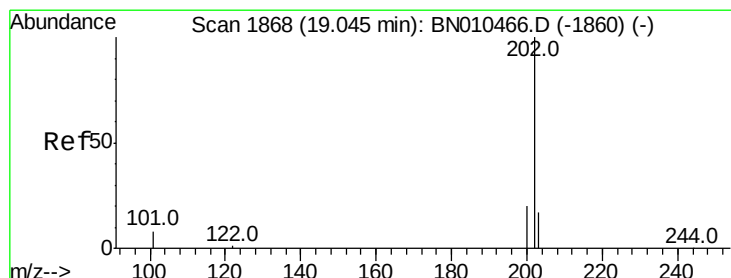
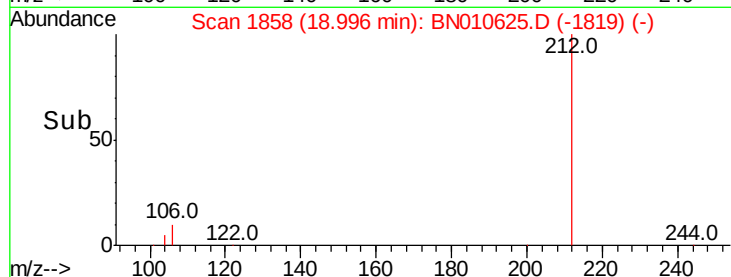
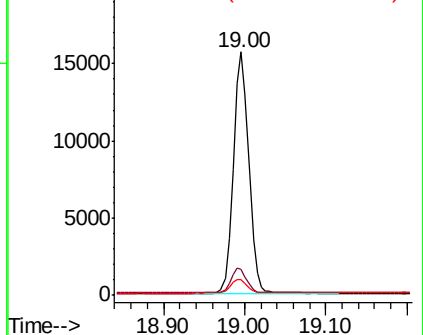
104 6.2 4.5 6.7



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: 0.474 ng

RT: 19.03 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

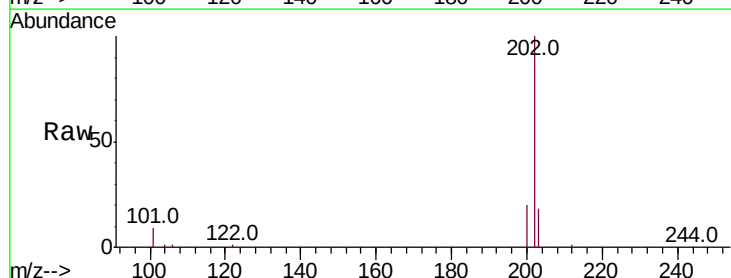
Tgt Ion:202 Resp: 31809

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

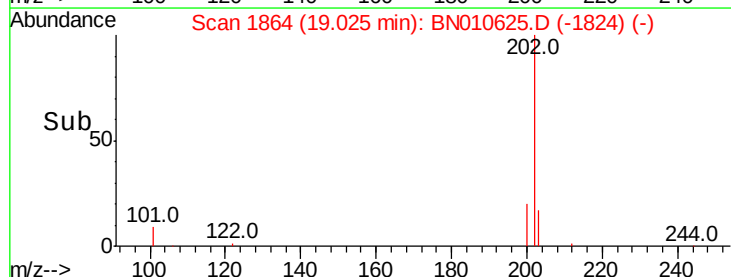
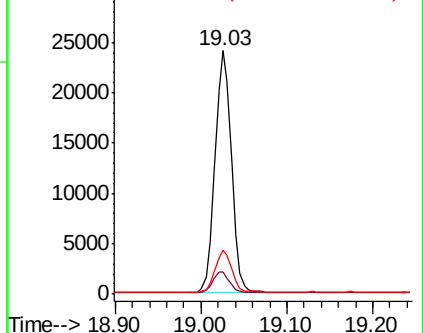
203 17.4 13.9 20.9

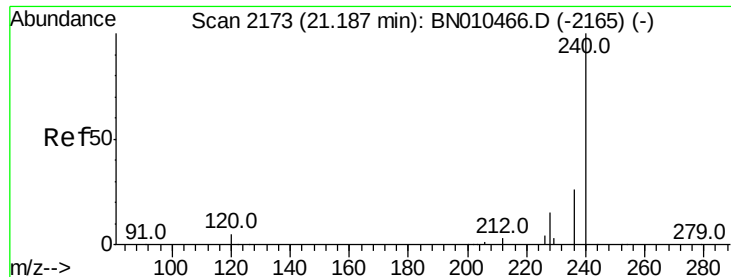


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.17 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

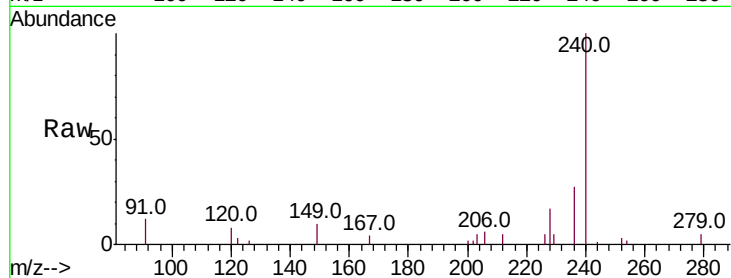
Tot Ion:240 Resp: 17088

Ion Ratio Lower Upper

240 100

120 8.4 4.8 7.2#

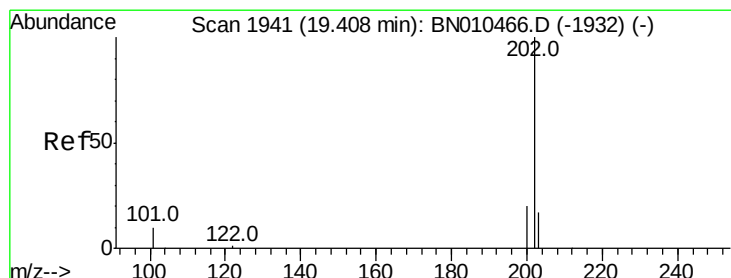
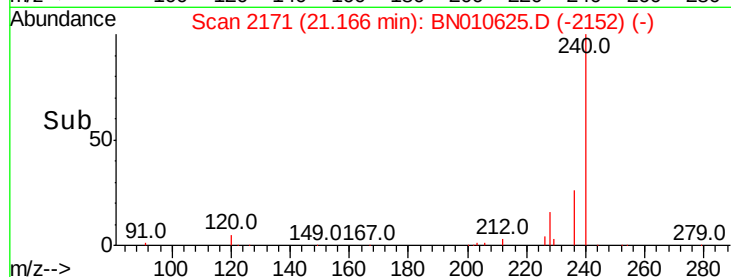
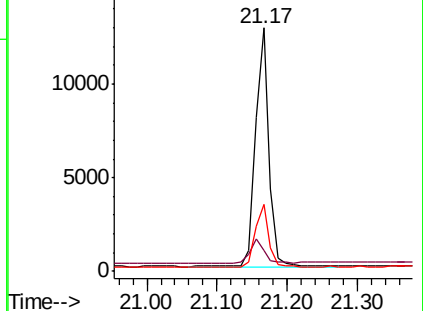
236 27.4 21.4 32.0



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: 0.563 ng

RT: 19.39 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

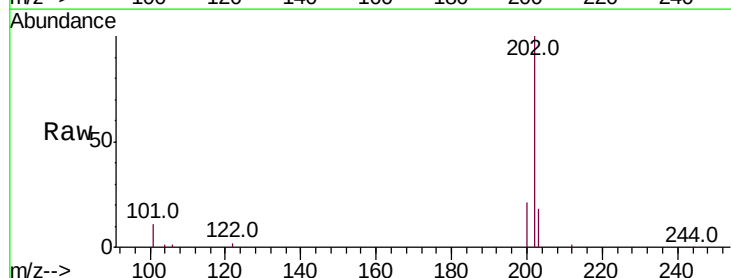
Tgt Ion:202 Resp: 32409

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

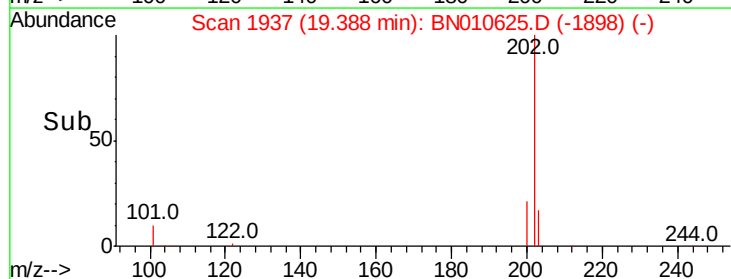
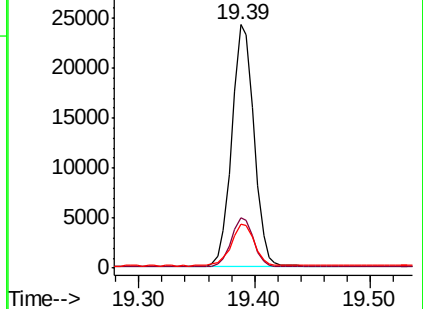
203 18.4 14.0 21.0

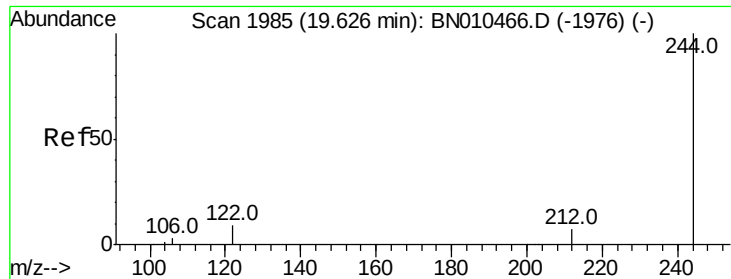


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.522 ng

RT: 19.61 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

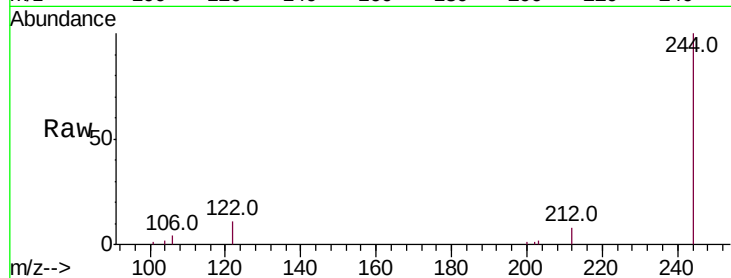
Tot Ion:244 Resp: 20420

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

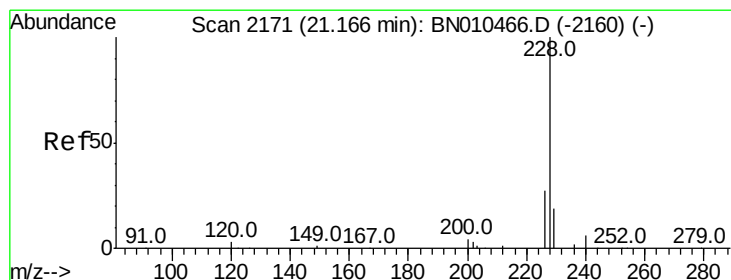
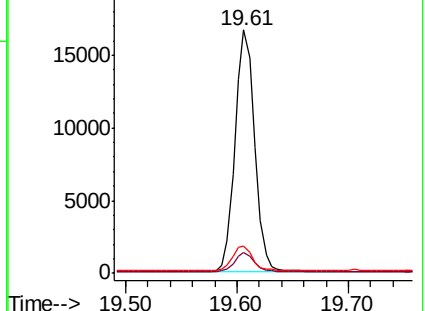
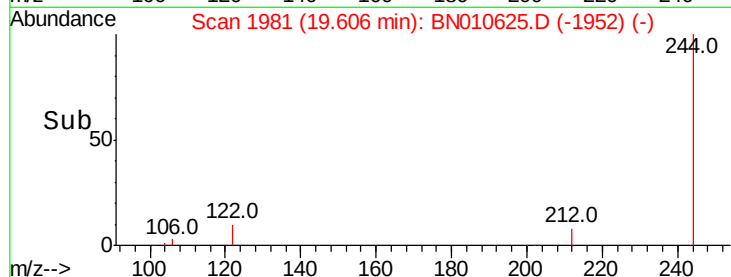
122 11.0 7.8 11.8



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: 0.488 ng

RT: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

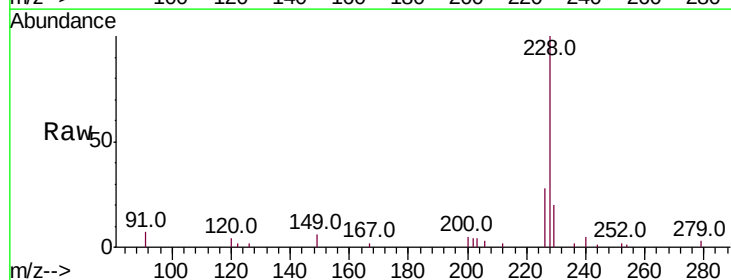
Tgt Ion:228 Resp: 27230

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

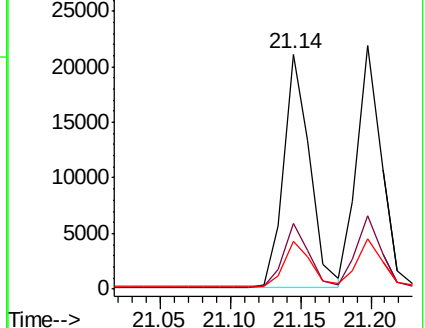
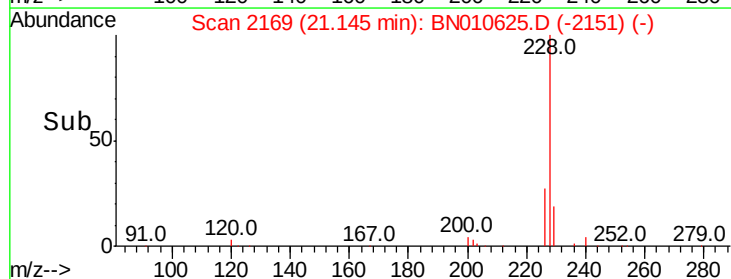
229 20.1 15.6 23.4

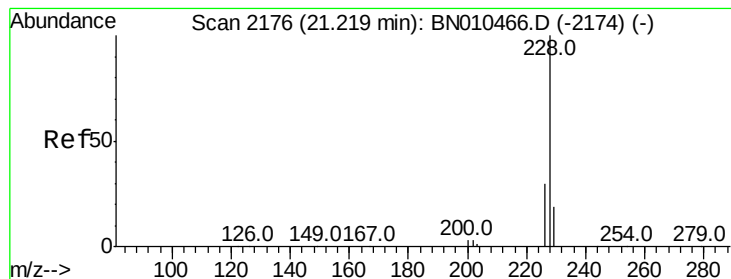


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.478 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

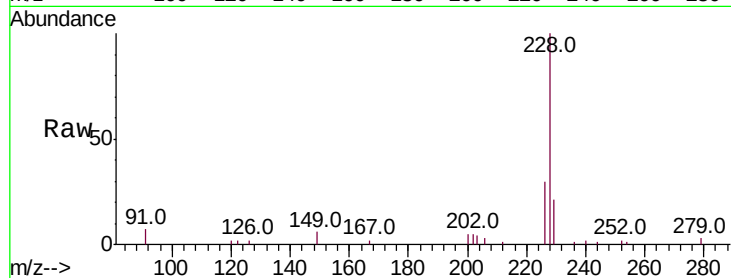
Tot Ion:228 Resp: 26542

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

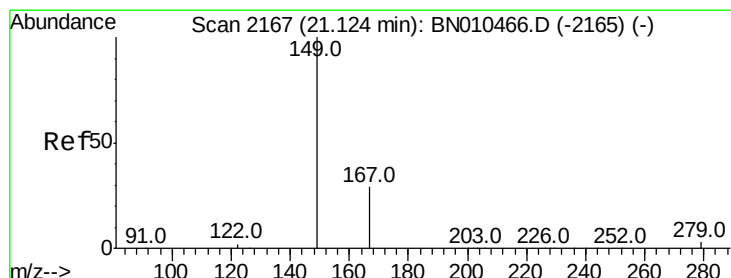
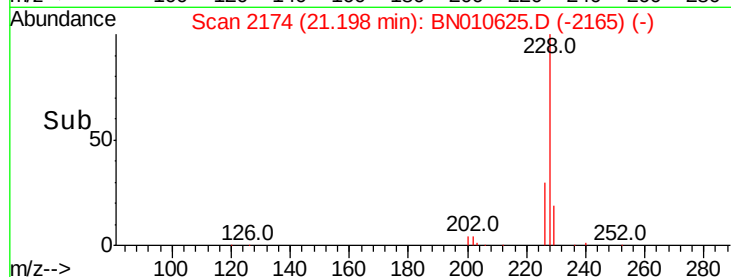
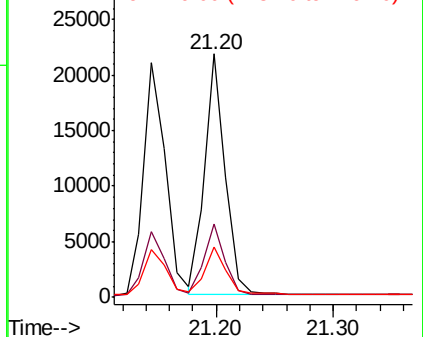
229 20.6 15.8 23.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.639 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

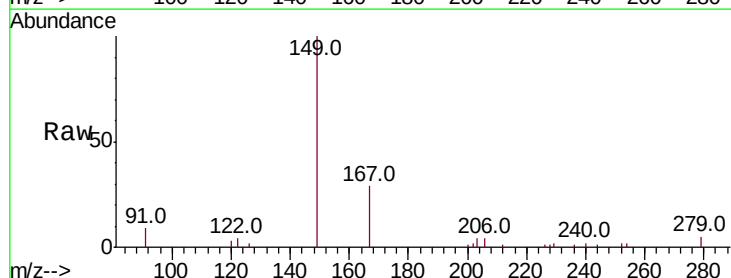
Tgt Ion:149 Resp: 18287

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

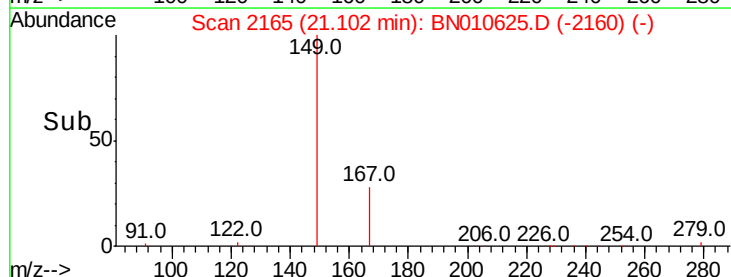
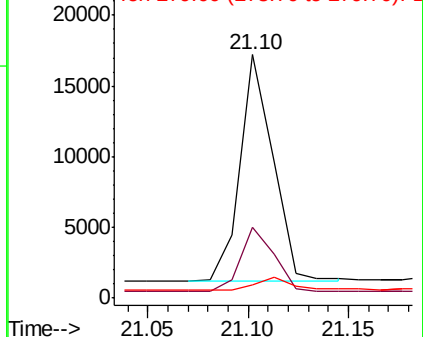
279 5.3 4.0 6.0

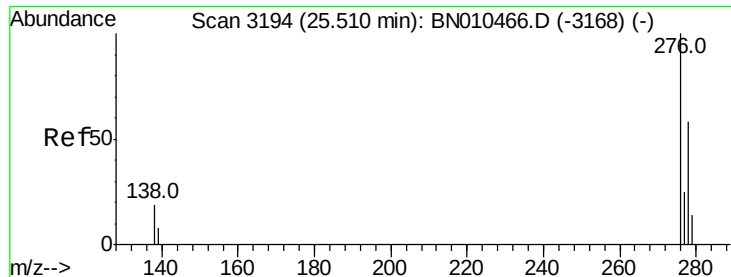


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.517 ng

RT: 25.47 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

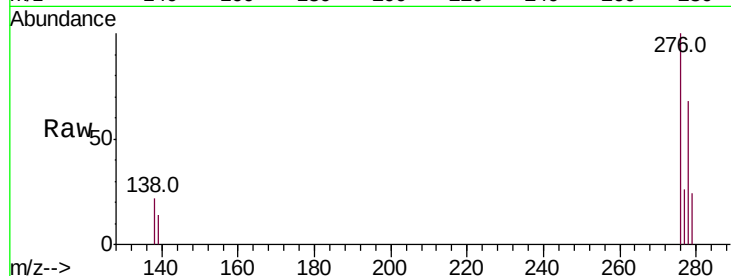
Tot Ion:276 Resp: 25387

Ion Ratio Lower Upper

276 100

138 21.3 16.4 24.6

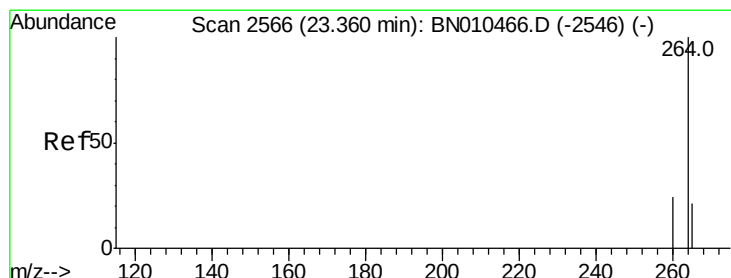
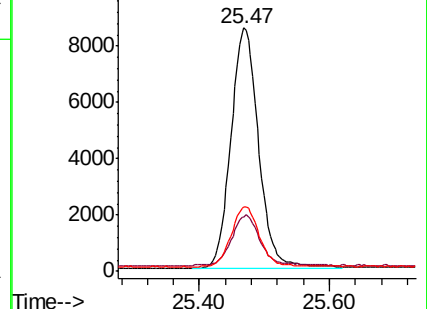
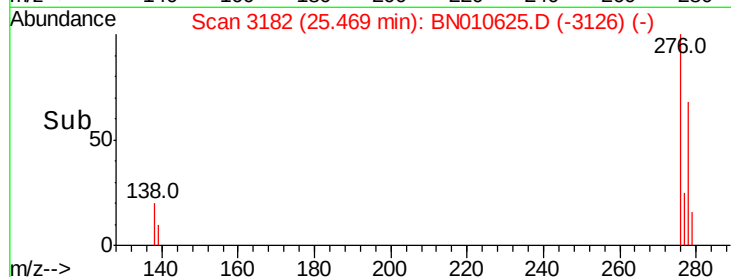
277 24.9 19.8 29.6



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: 23.33 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

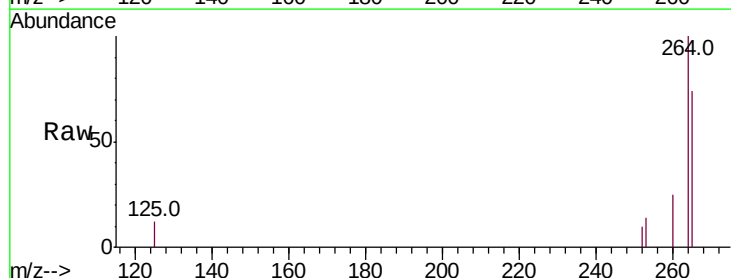
Tgt Ion:264 Resp: 15248

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

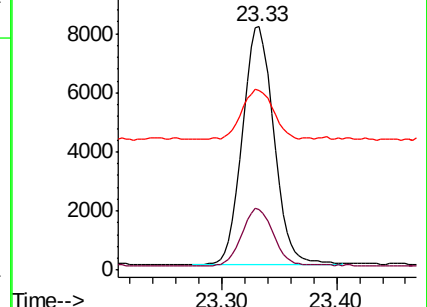
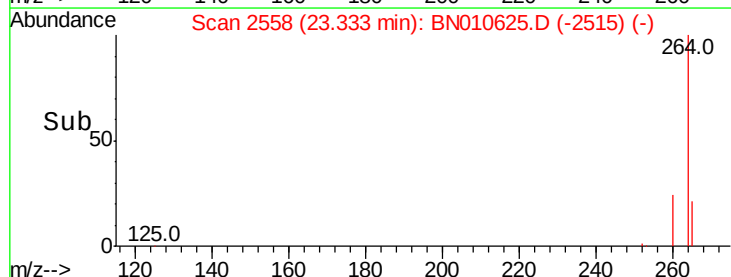
265 73.7 42.3 63.5#

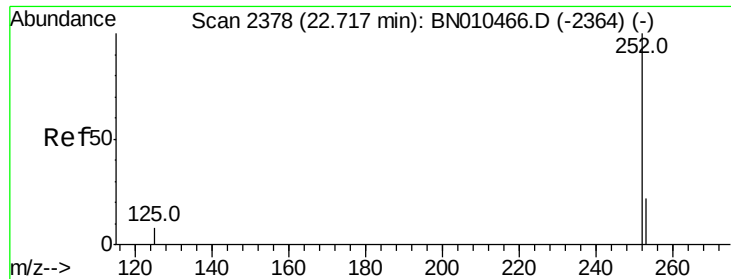


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

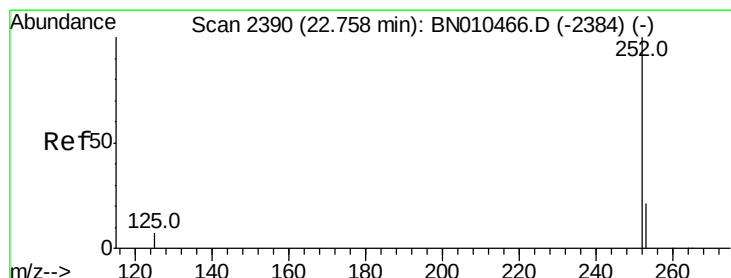
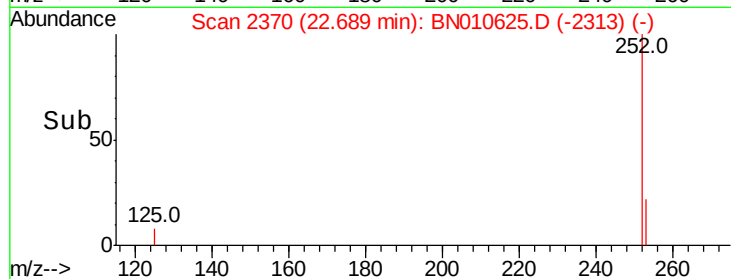
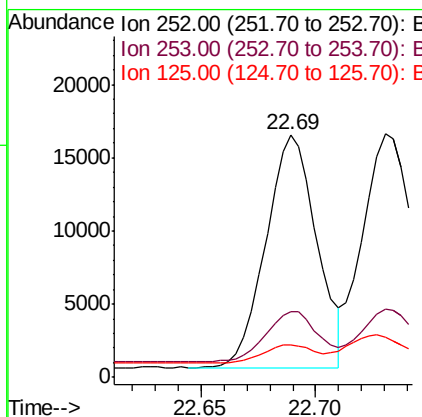
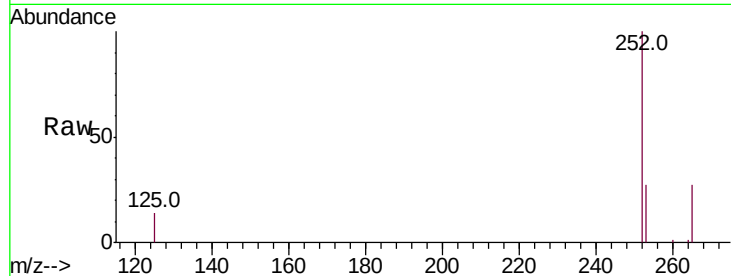




#35
Benzo(b)fluoranthene
Concen: 0.487 ng
RT: 22.69 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BN010625.D
Acq: 28 Apr 2020 13:42

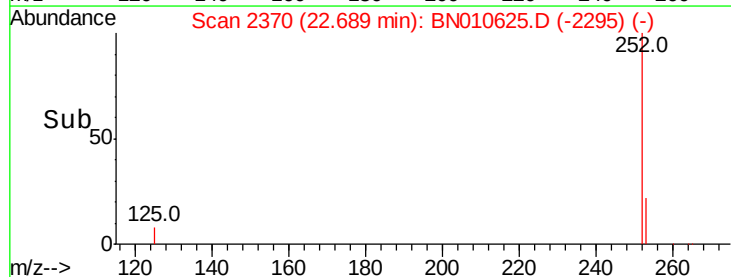
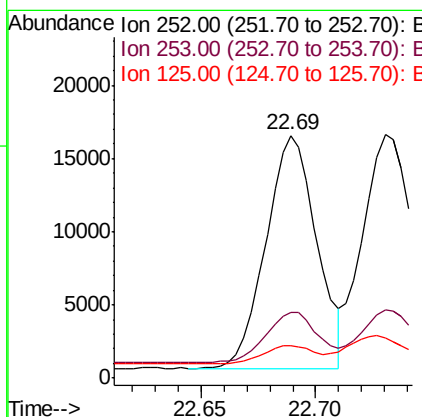
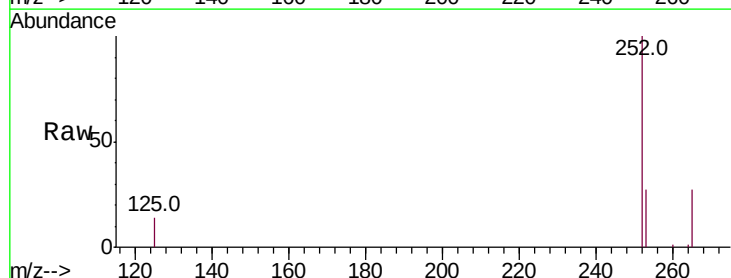
Instrument :
BNA_N
ClientSampleId :
PA-TWP-2MS

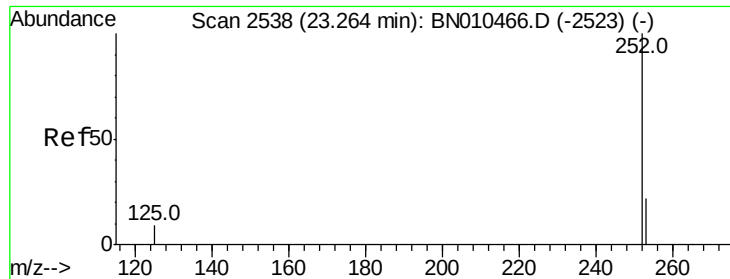
Tot Ion:252 Resp: 24470
Ion Ratio Lower Upper
252 100
253 27.3 20.2 30.4
125 13.6 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.486 ng
RT: 22.69 min Scan# 2370
Delta R.T. -0.04 min
Lab File: BN010625.D
Acq: 28 Apr 2020 13:42

Tgt Ion:252 Resp: 24470
Ion Ratio Lower Upper
252 100
253 27.3 20.1 30.1
125 13.6 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.498 ng

RT: 23.24 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

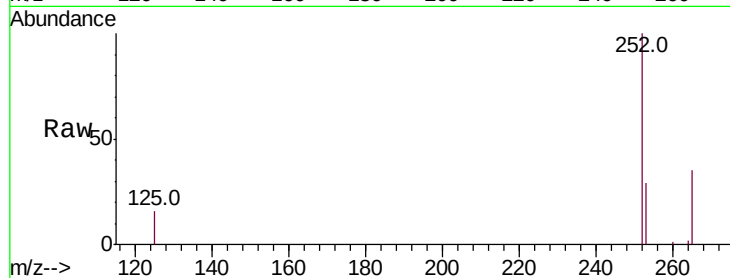
Tot Ion:252 Resp: 22135

Ion Ratio Lower Upper

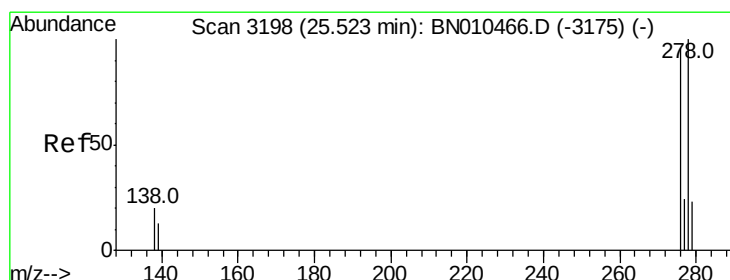
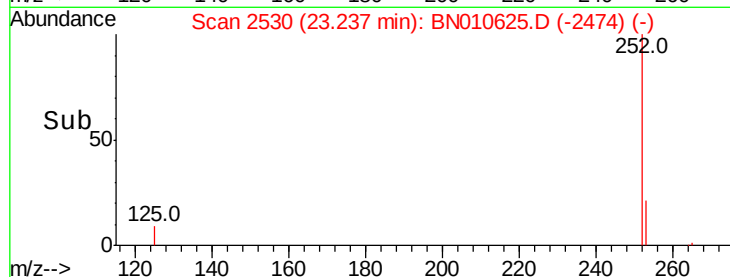
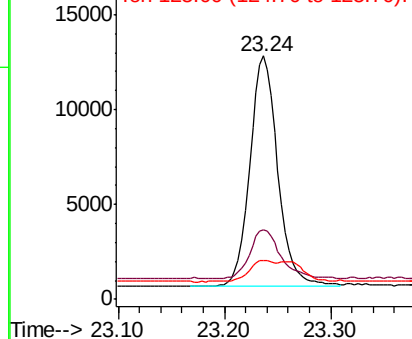
252 100

253 28.5 21.8 32.8

125 16.2 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: 0.515 ng

RT: 25.48 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

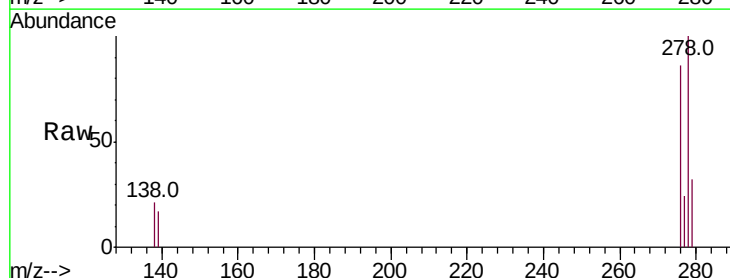
Tgt Ion:278 Resp: 20905

Ion Ratio Lower Upper

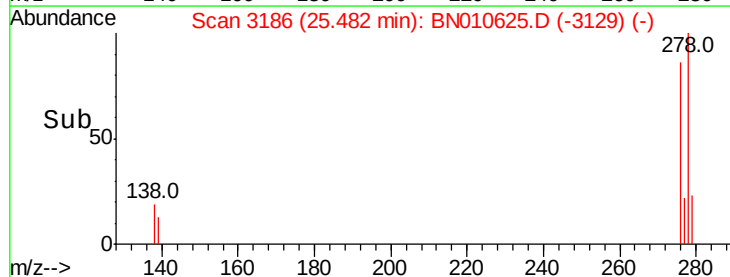
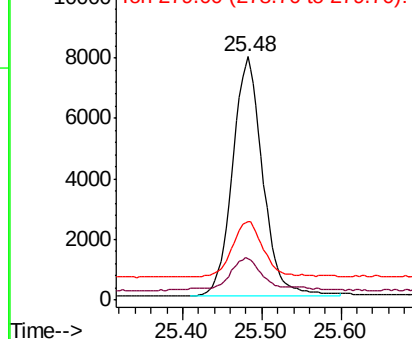
278 100

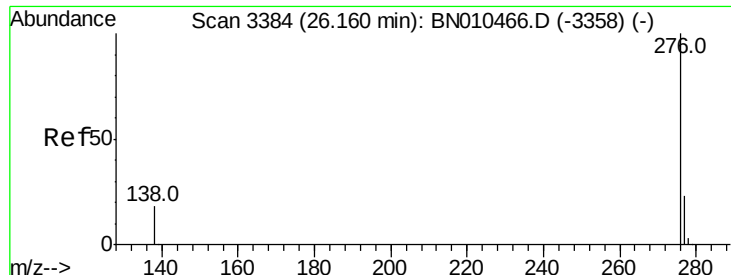
139 16.8 12.3 18.5

279 32.3 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: 0.526 ng

RT: 26.12 min Scan# 3371

Delta R.T. -0.00 min

Lab File: BN010625.D

Acq: 28 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PA-TWP-2MS

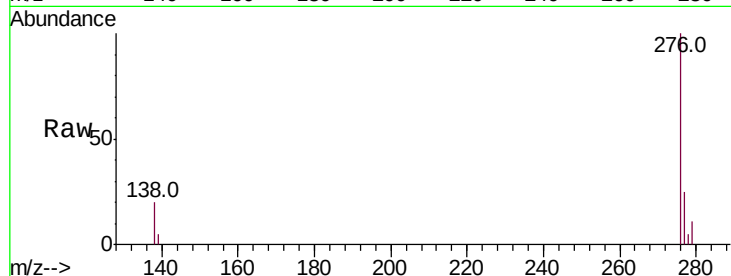
Tot Ion:276 Resp: 21491

Ion Ratio Lower Upper

276 100

277 25.3 20.2 30.2

138 20.1 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

