

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
 Data File : BN010351.D
 Acq On : 27 Mar 2020 14:45
 Operator : CG/JU
 Sample : PB127802BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127802BS

Quant Time: Mar 27 15:19:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	6151	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	20895	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	11242	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	25213	0.40	ng	0.00
27) Chrysene-d12	21.19	240	22610	0.40	ng	0.00
34) Perylene-d12	23.36	264	23731	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	4188	0.34	ng	0.00
5) Phenol-d6	6.80	99	5080	0.34	ng	0.00
8) Nitrobenzene-d5	8.74	82	7409	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9455	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1197	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	25091	0.58	ng	-0.01
25) Fluoranthene-d10	19.02	212	19197	0.25	ng	0.00
29) Terphenyl-d14	19.63	244	24144	0.49	ng	0.00

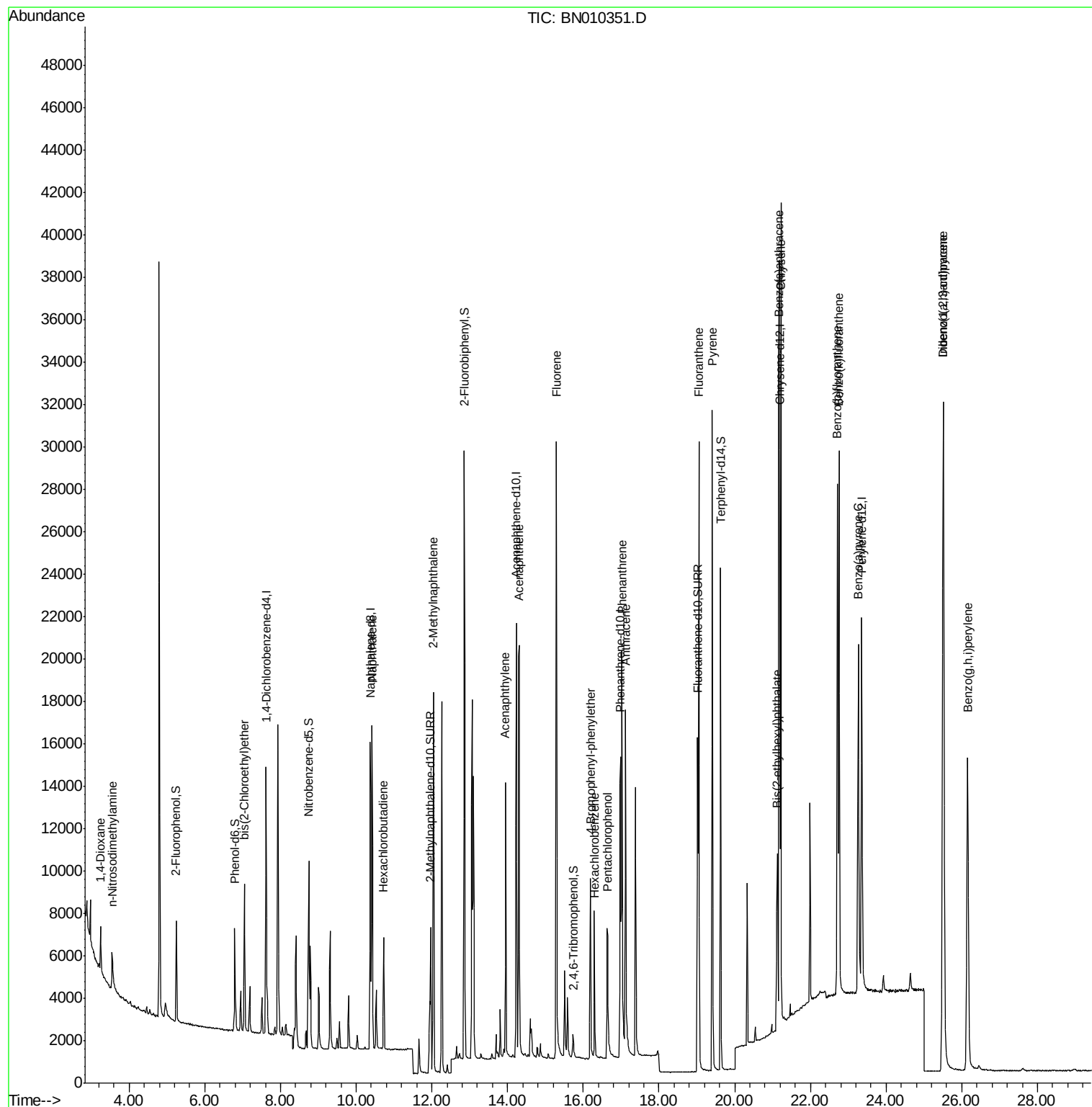
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1435	0.248	ng	# 79
3) n-Nitrosodimethylamine	3.55	42	1312	0.269	ng	# 51
6) bis(2-Chloroethyl)ether	7.05	93	5567	0.383	ng	91
9) Naphthalene	10.42	128	18962	0.364	ng	99
10) Hexachlorobutadiene	10.72	225	4457	0.353	ng	# 99
12) 2-Methylnaphthalene	12.04	142	12897	0.357	ng	99
16) Acenaphthylene	13.95	152	15549	0.352	ng	99
17) Acenaphthene	14.30	154	11043	0.351	ng	97
18) Fluorene	15.29	166	14514	0.348	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	4971	0.325	ng	# 90
21) Hexachlorobenzene	16.31	284	5666	0.361	ng	97
22) Pentachlorophenol	16.65	266	4290	0.798	ng	97
23) Phenanthrene	17.03	178	24082	0.347	ng	100
24) Anthracene	17.11	178	20867	0.352	ng	100
26) Fluoranthene	19.05	202	28164	0.332	ng	100
28) Pyrene	19.41	202	28071	0.399	ng	100
30) Benzo(a)anthracene	21.16	228	25939	0.360	ng	98
31) Chrysene	21.22	228	29990	0.388	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	6790	0.279	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	38939	0.471	ng	100
35) Benzo(b)fluoranthene	22.71	252	29197	0.362	ng	100
36) Benzo(k)fluoranthene	22.76	252	32001	0.390	ng	98
37) Benzo(a)pyrene	23.26	252	25385	0.373	ng	99
38) Dibenzo(a,h)anthracene	25.52	278	32032	0.436	ng	100
39) Benzo(g,h,i)perylene	26.15	276	31981	0.432	ng	99

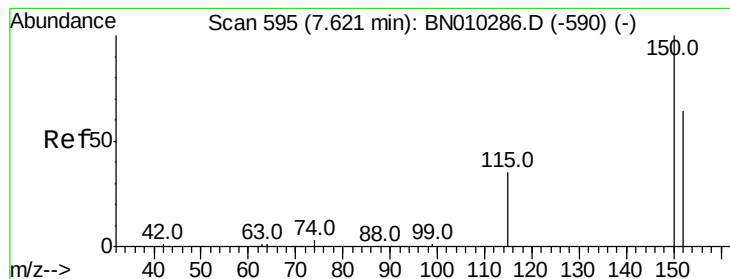
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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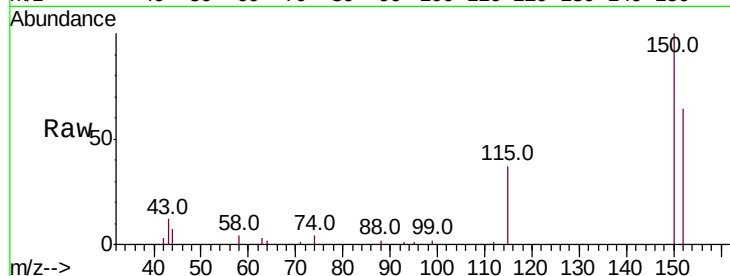


#1

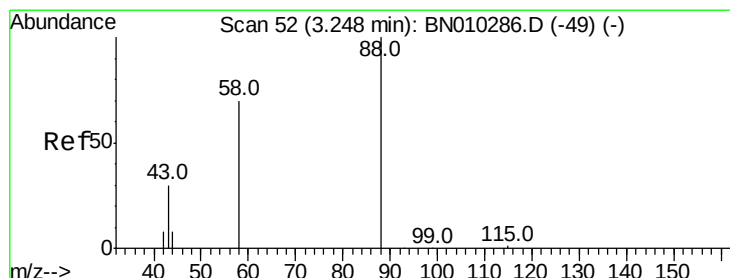
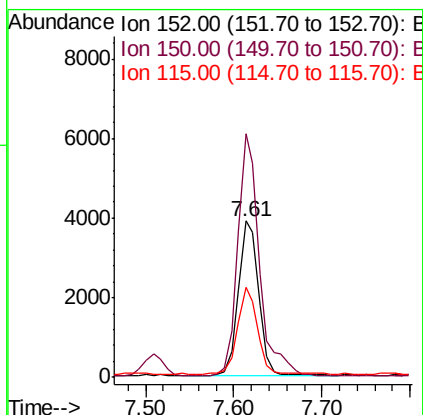
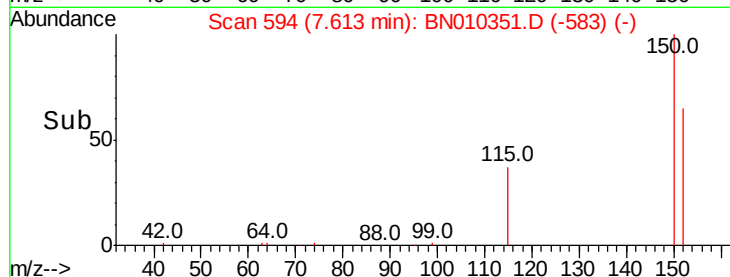
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tot Ion:152 Resp: 6151
Ion Ratio Lower Upper
152 100
150 155.8 123.1 184.7
115 57.8 45.2 67.8



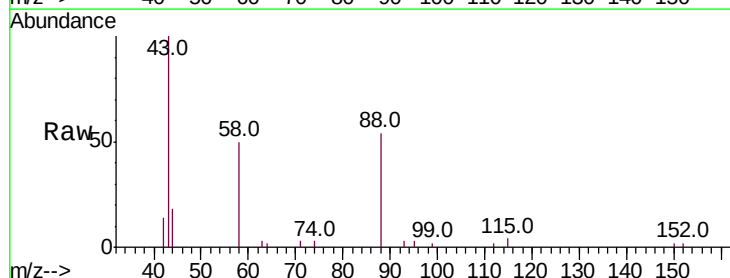
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



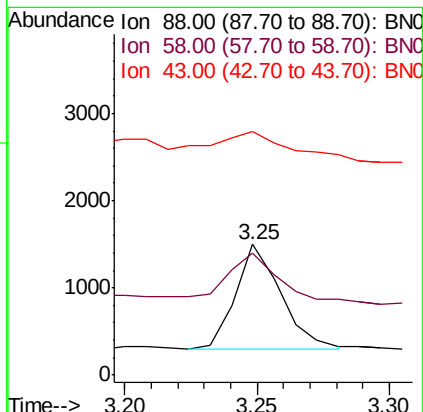
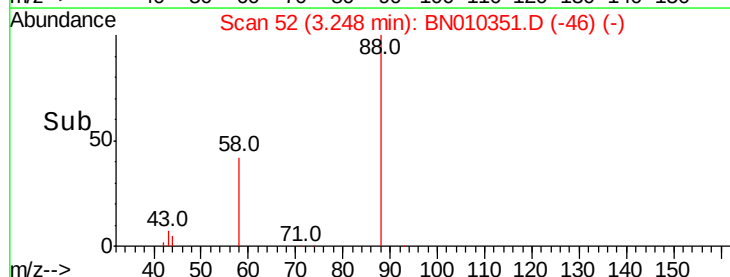
#2

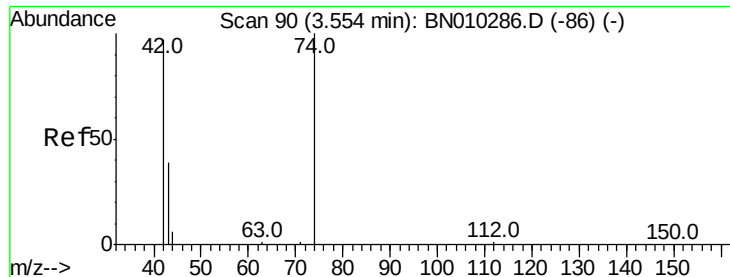
1,4-Dioxane
Concen: 0.248 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion: 88 Resp: 1435
Ion Ratio Lower Upper
88 100
58 44.5 51.7 77.5#
43 20.7 21.2 31.8#



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: 0.269 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

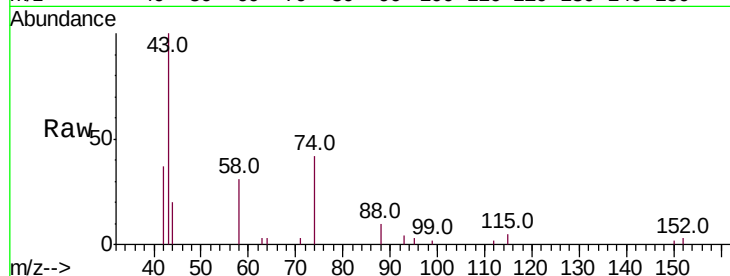
Tot Ion: 42 Resp: 1312

Ion Ratio Lower Upper

42 100

74 182.2 99.4 149.0#

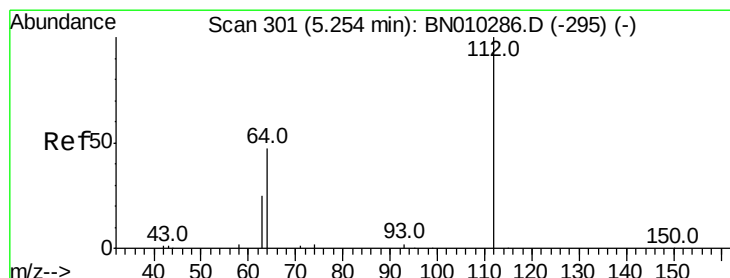
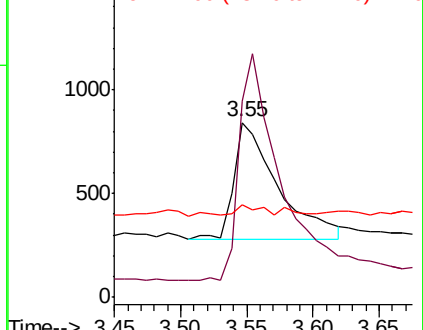
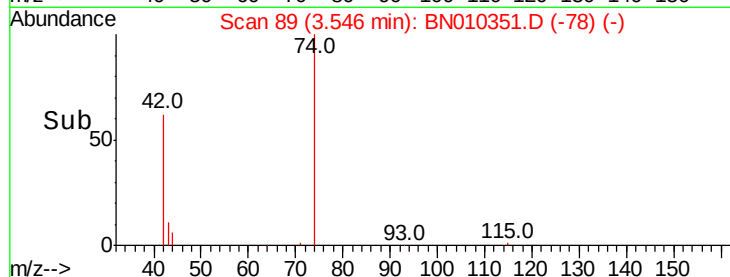
44 4.6 4.8 7.2#



Abundance Ion 42.00 (41.70 to 42.70): BN010286.D (-86) (-)

Ion 74.00 (73.70 to 74.70): BN010286.D (-86) (-)

Ion 44.00 (43.70 to 44.70): BN010286.D (-86) (-)



#4

2-Fluorophenol

Concen: 0.344 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

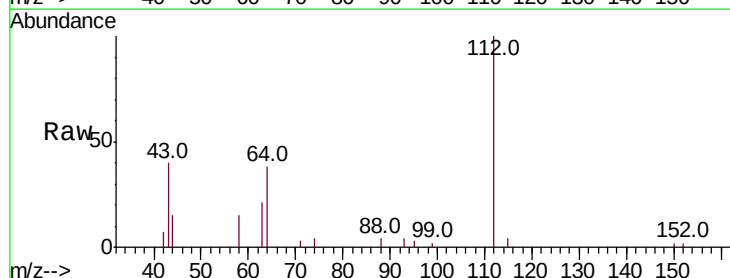
Tgt Ion: 112 Resp: 4188

Ion Ratio Lower Upper

112 100

64 45.3 41.4 62.2

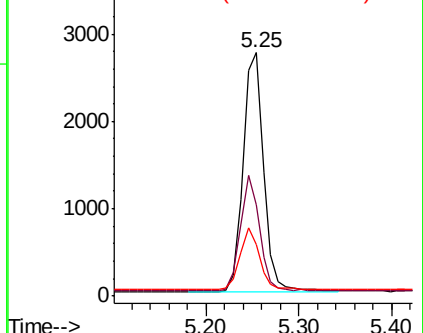
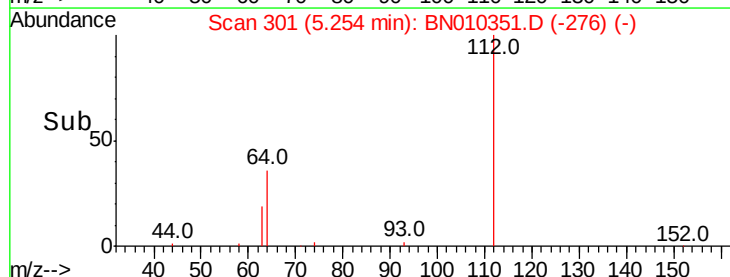
63 24.8 22.9 34.3

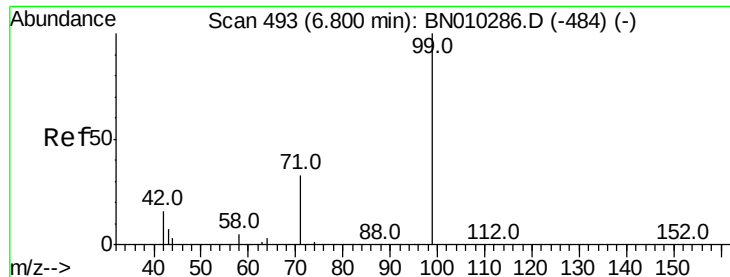


Abundance Ion 112.00 (111.70 to 112.70): BN010286.D (-295) (-)

Ion 64.00 (63.70 to 64.70): BN010286.D (-295) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-295) (-)





#5

Phenol-d6

Concen: 0.336 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

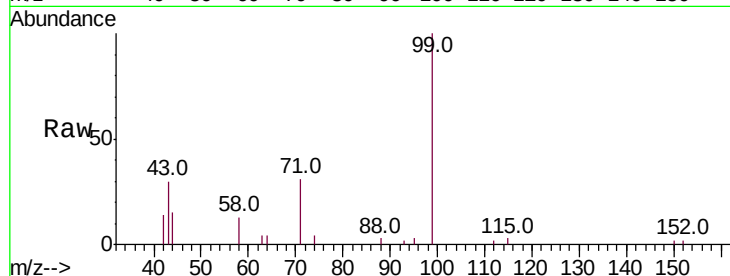
Tot Ion: 99 Resp: 5080

Ion Ratio Lower Upper

99 100

42 13.5 14.8 22.2#

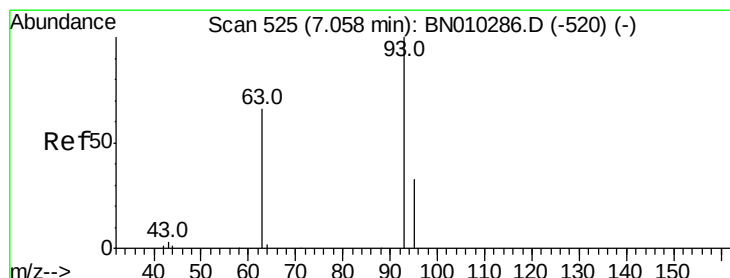
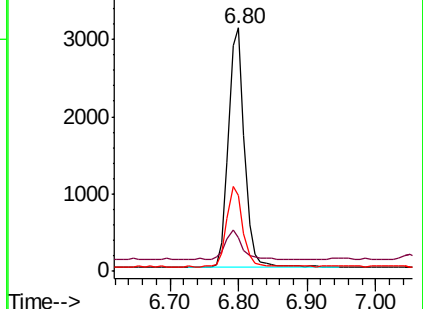
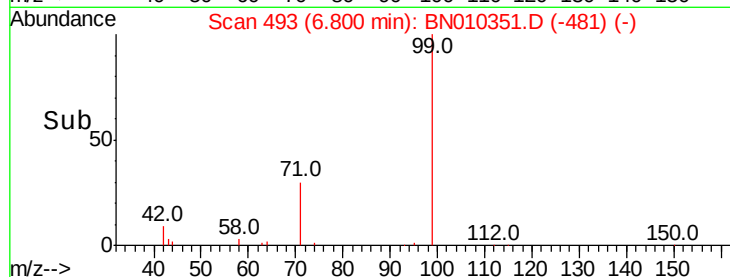
71 33.5 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010351.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN010351.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN010351.D (-481) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 7.05 min Scan# 524

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

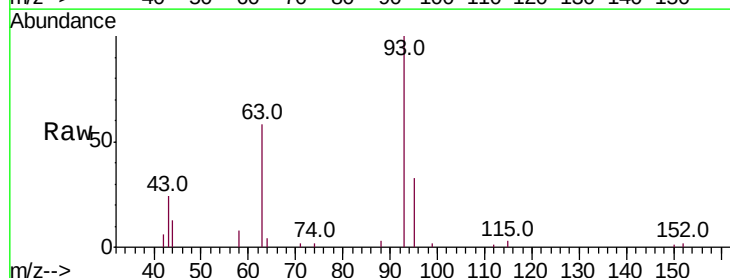
Tgt Ion: 93 Resp: 5567

Ion Ratio Lower Upper

93 100

63 59.1 55.6 83.4

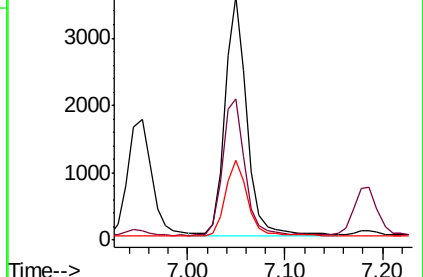
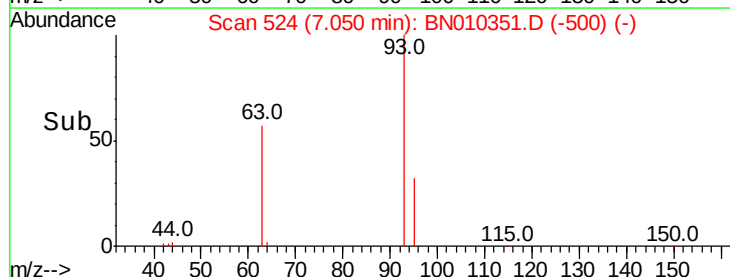
95 32.2 26.2 39.4

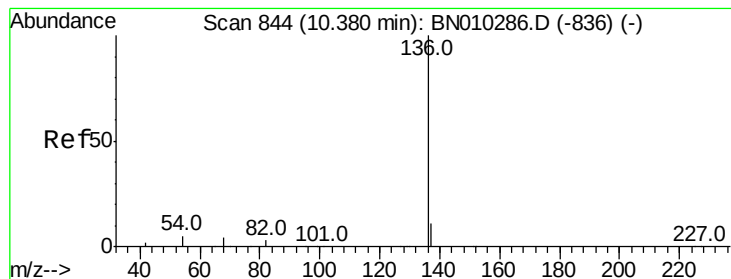


Abundance Ion 93.00 (92.70 to 93.70): BN010351.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010351.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010351.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

Tot Ion:136 Resp: 20895

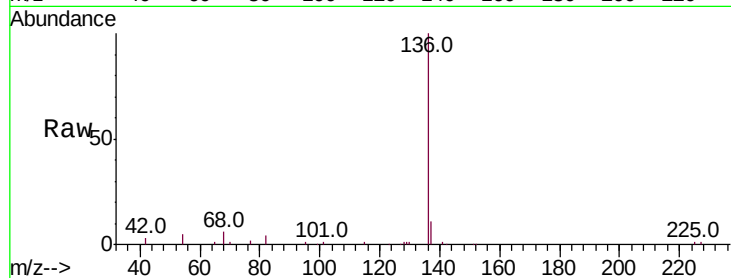
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 5.2 4.8 7.2

68 6.1 4.1 6.1

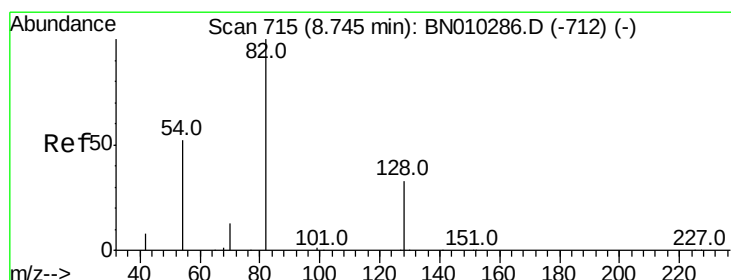
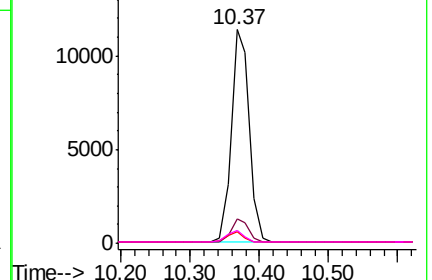
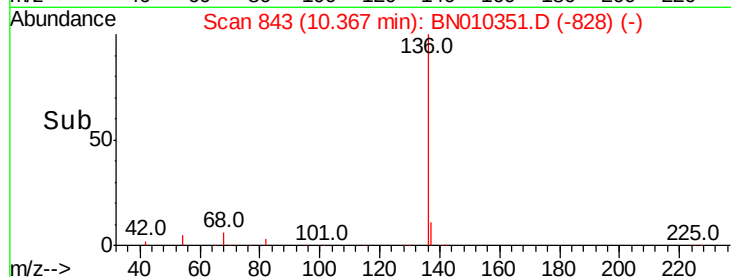


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.553 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

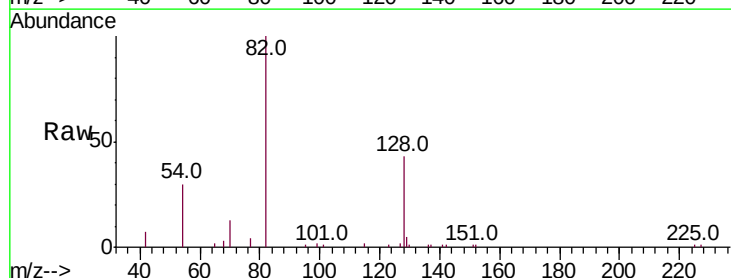
Tgt Ion: 82 Resp: 7409

Ion Ratio Lower Upper

82 100

128 43.3 28.8 43.2#

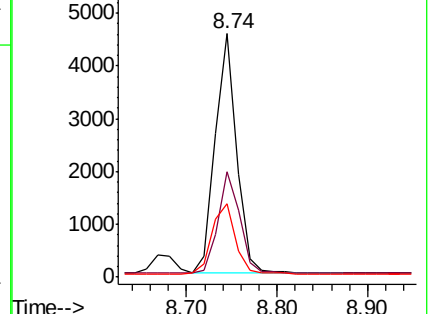
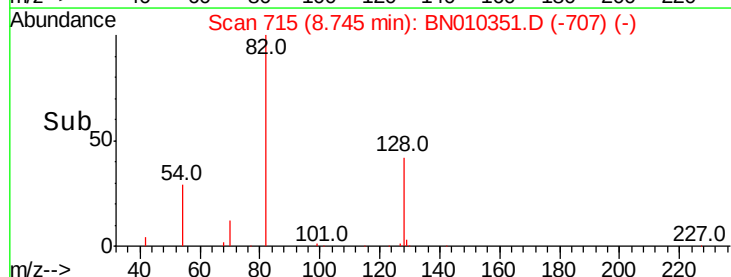
54 30.2 42.1 63.1#

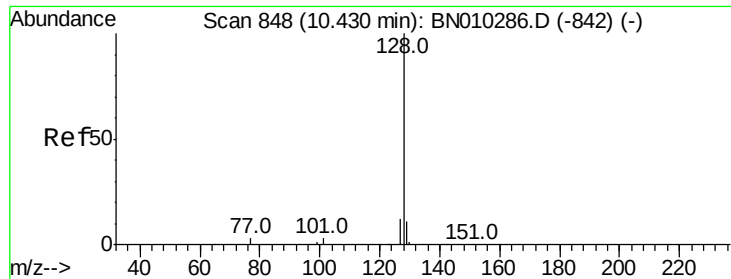


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.364 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

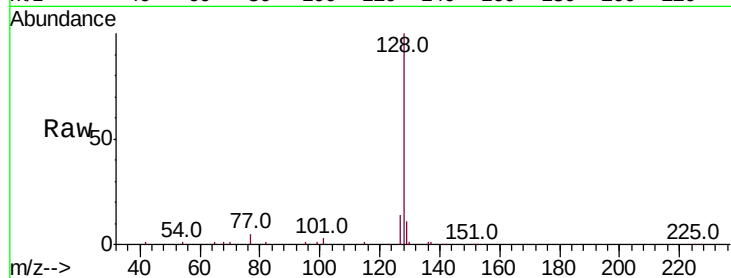
Tot Ion:128 Resp: 18962

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.7 10.4 15.6

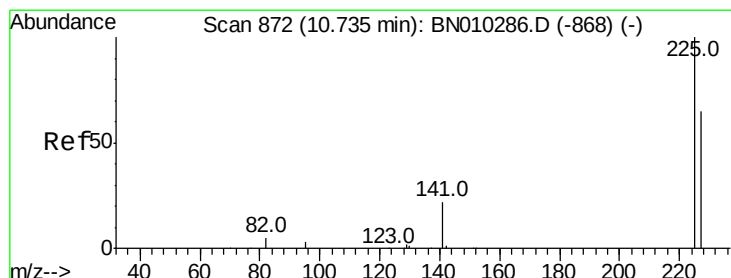
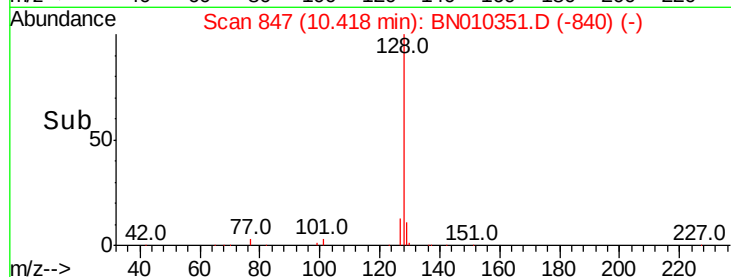
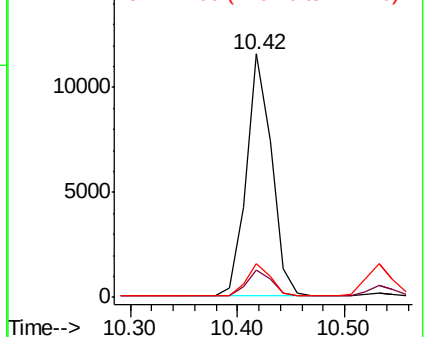


Abundance

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: 0.353 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

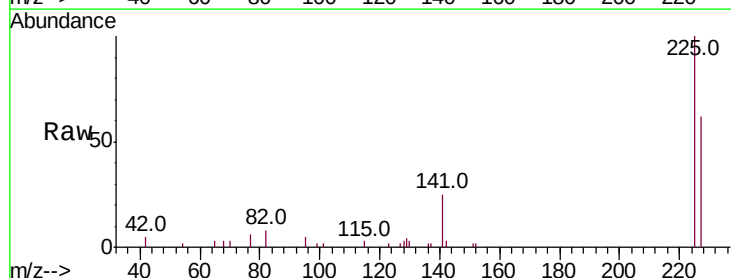
Tgt Ion:225 Resp: 4457

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.7 51.9 77.9

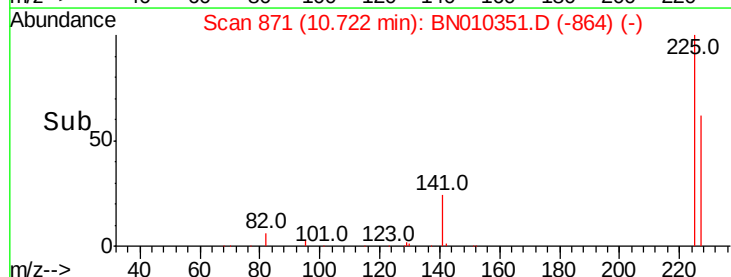
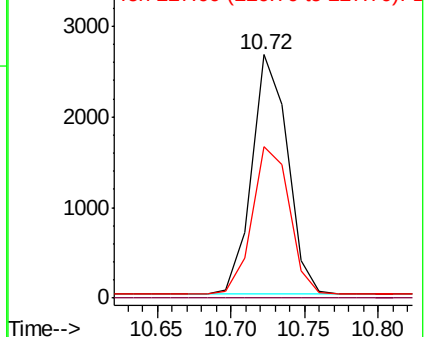


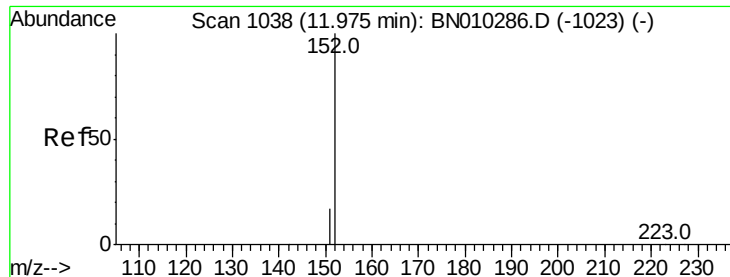
Abundance

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: 0.283 ng

RT: 11.97 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

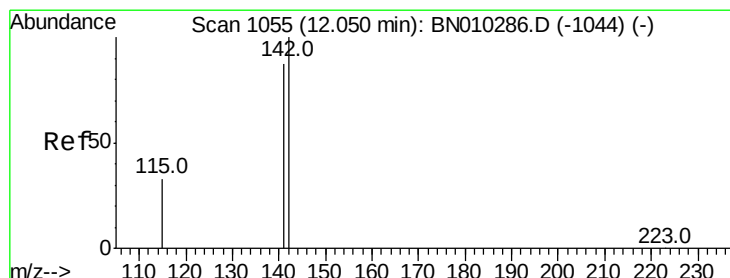
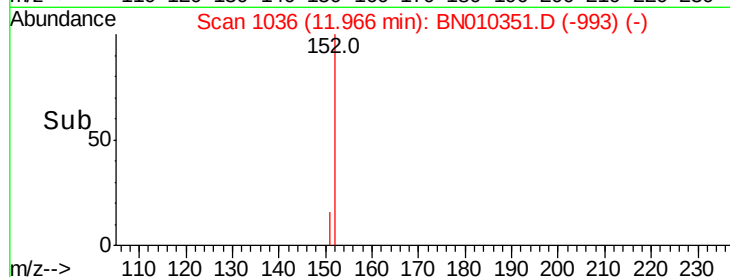
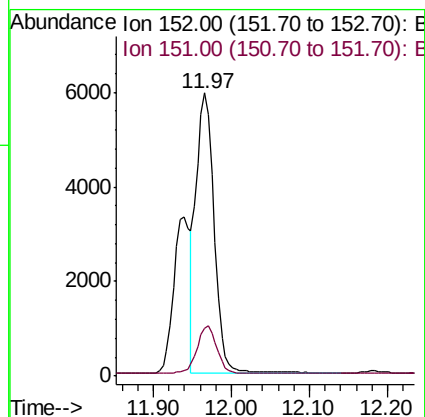
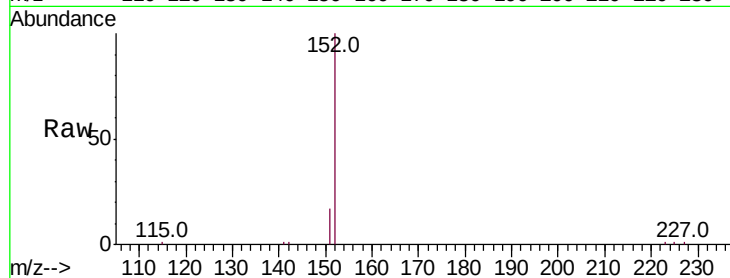
PB127802BS

Tot Ion:152 Resp: 9455

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2



#12

2-Methylnaphthalene

Concen: 0.357 ng

RT: 12.04 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

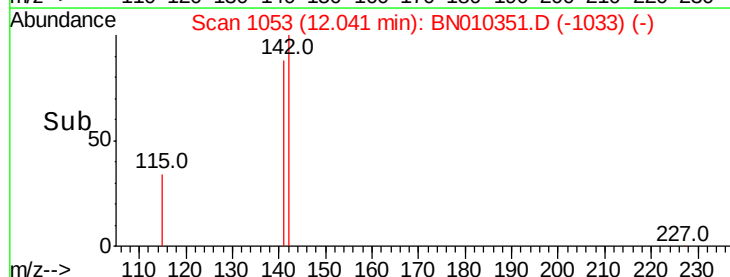
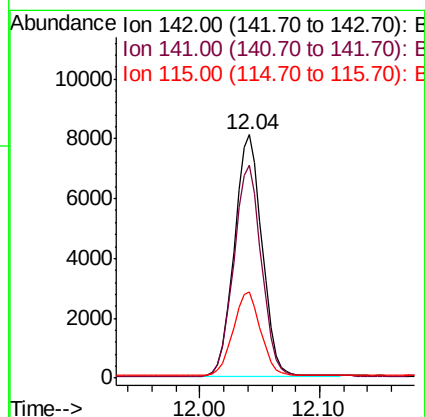
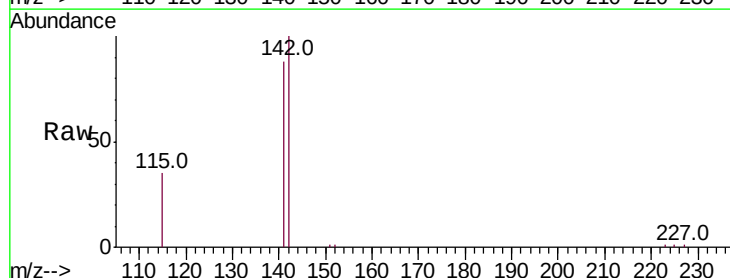
Tgt Ion:142 Resp: 12897

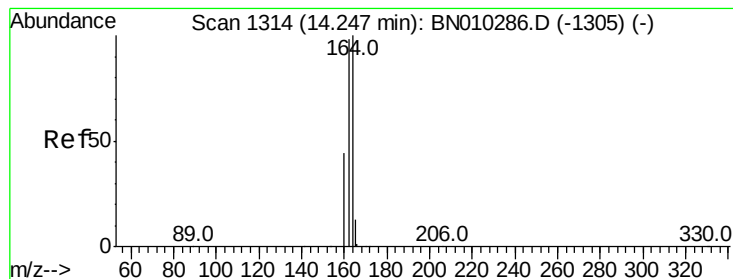
Ion Ratio Lower Upper

142 100

141 87.6 69.5 104.3

115 35.2 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

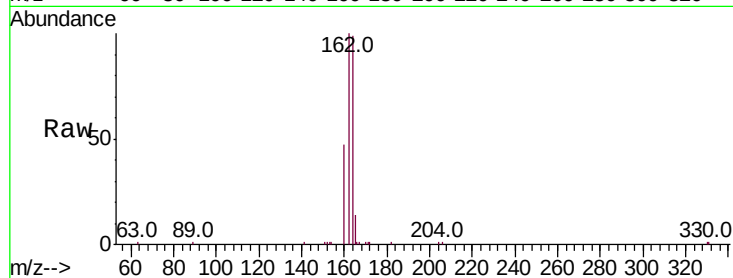
Tot Ion:164 Resp: 11242

Ion Ratio Lower Upper

164 100

162 100.9 78.2 117.2

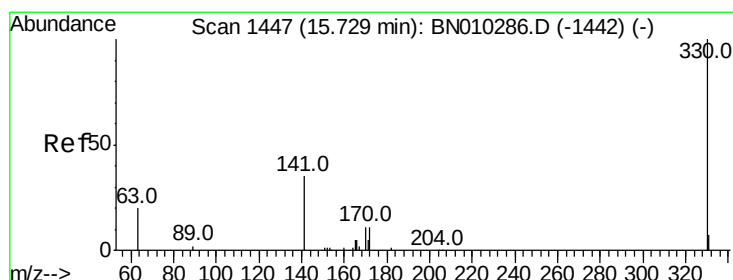
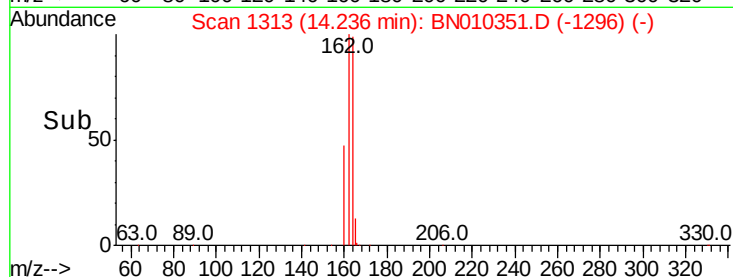
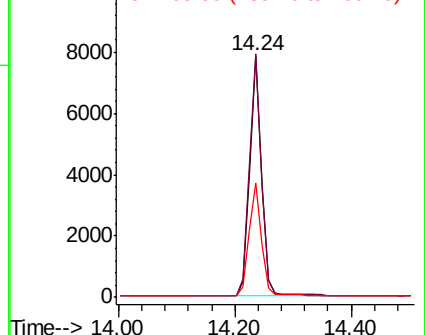
160 47.6 35.8 53.6



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: 0.277 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

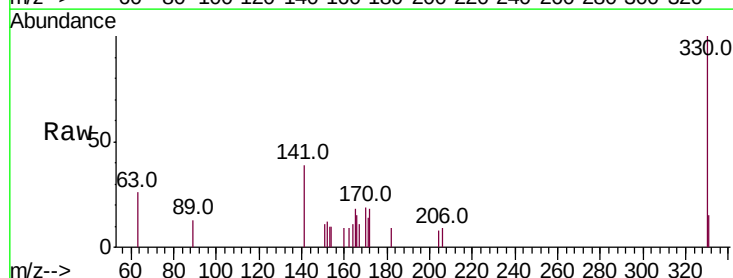
Tgt Ion:330 Resp: 1197

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

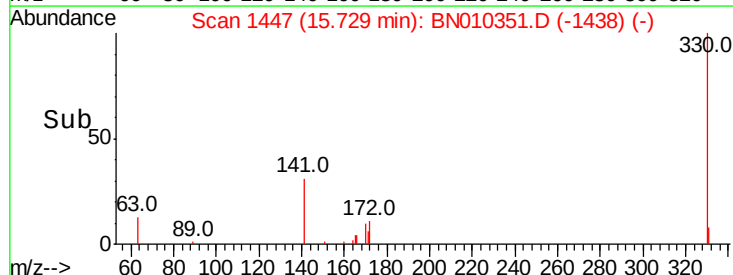
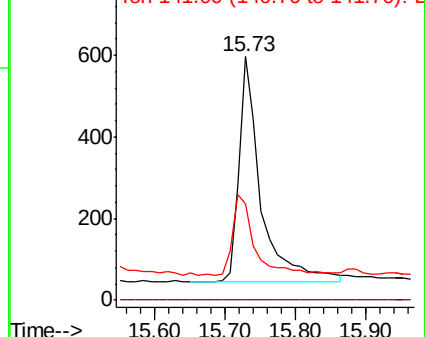
141 36.8 29.3 43.9

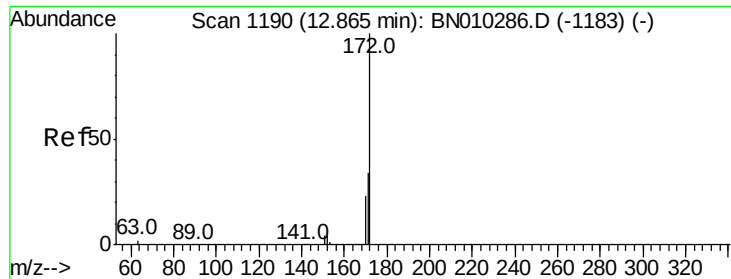


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

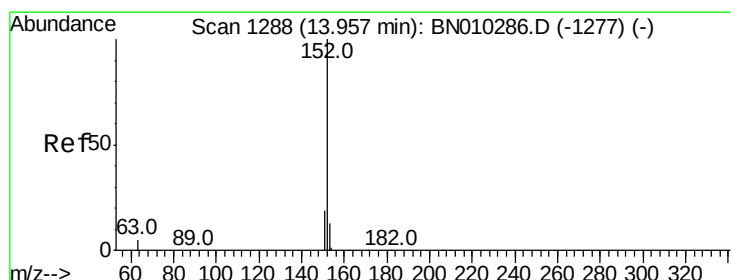
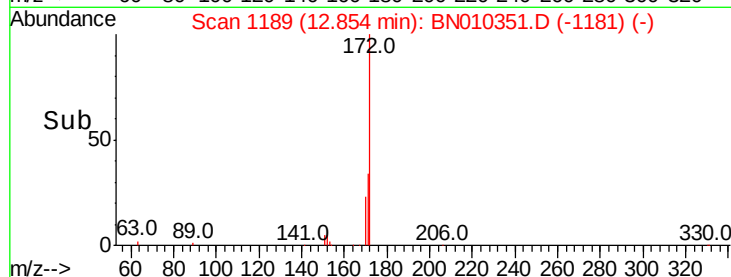
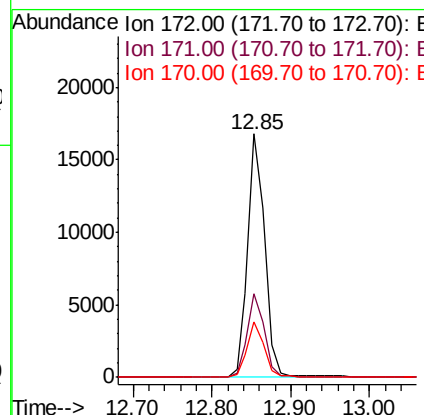
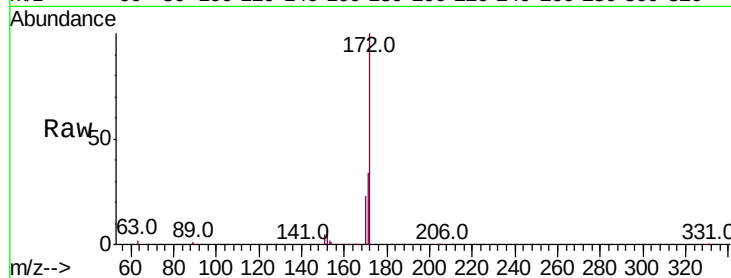




#15
2-Fluorobiphenyl
Concen: 0.583 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

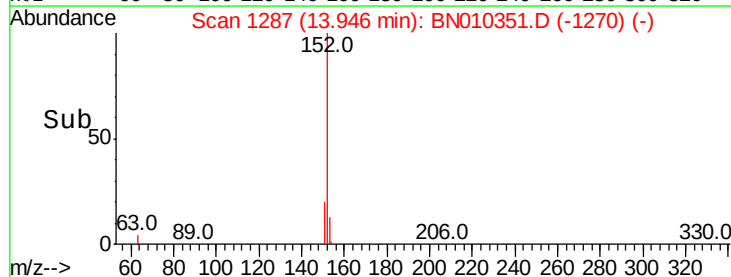
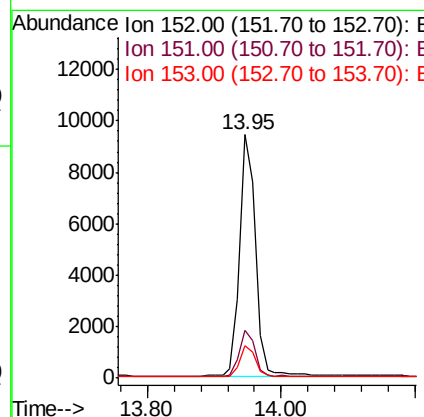
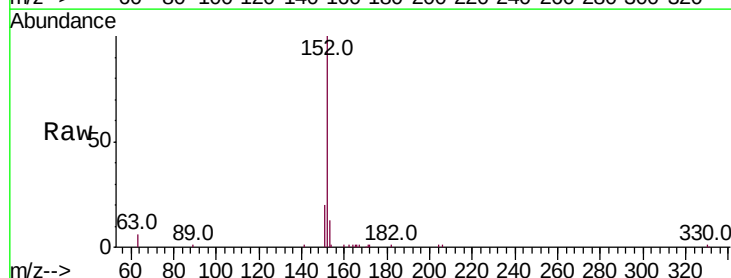
Instrument :
BNA_N
ClientSampleId :
PB127802BS

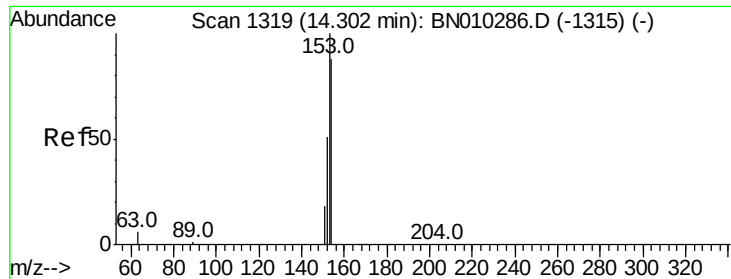
Tot Ion:172 Resp: 25091
Ion Ratio Lower Upper
172 100
171 34.1 27.6 41.4
170 23.0 18.5 27.7



#16
Acenaphthylene
Concen: 0.352 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:152 Resp: 15549
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.351 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

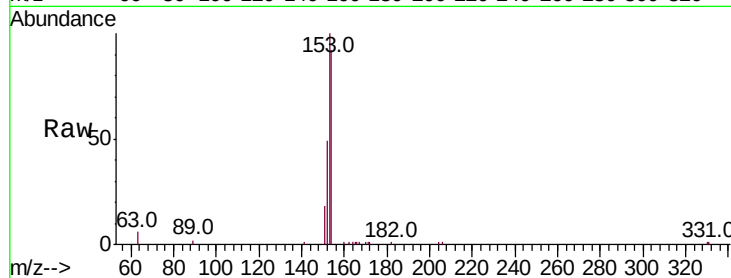
Tot Ion:154 Resp: 11043

Ion Ratio Lower Upper

154 100

153 114.8 88.1 132.1

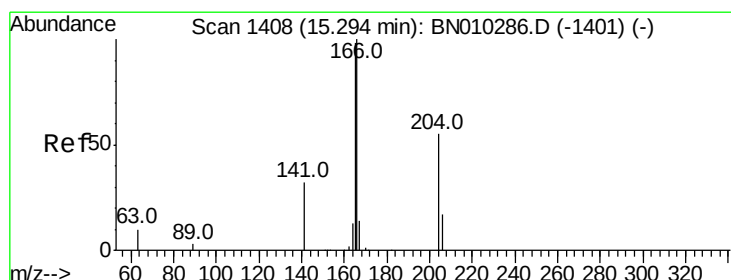
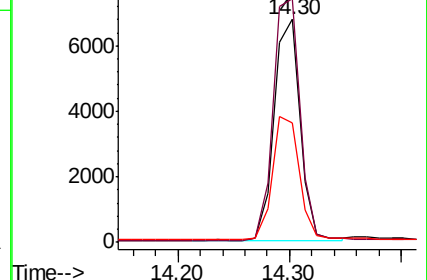
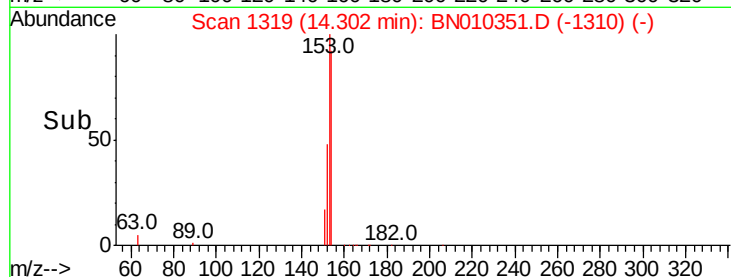
152 58.1 45.5 68.3



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: 0.348 ng

RT: 15.29 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

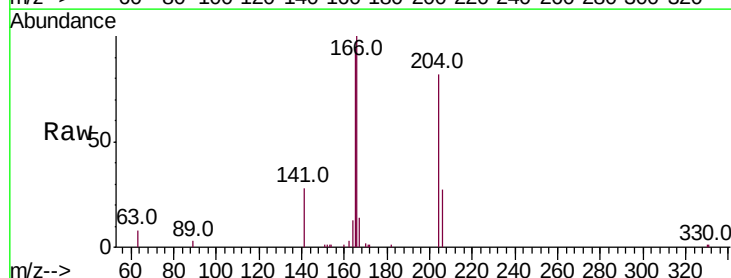
Tgt Ion:166 Resp: 14514

Ion Ratio Lower Upper

166 100

165 97.6 78.7 118.1

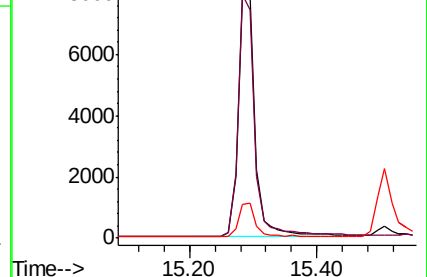
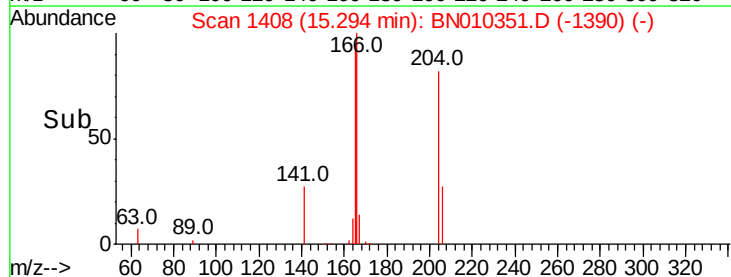
167 14.0 11.0 16.4

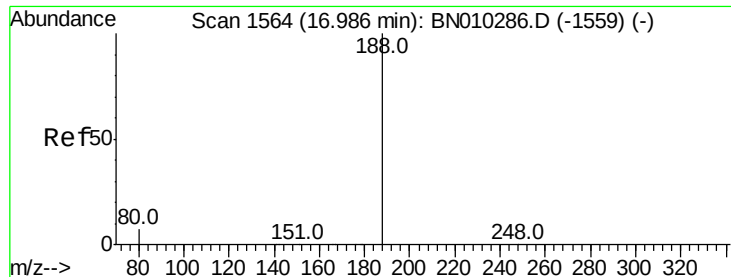


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

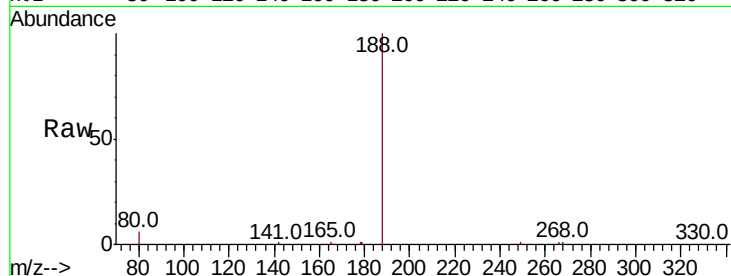
Tot Ion:188 Resp: 25213

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

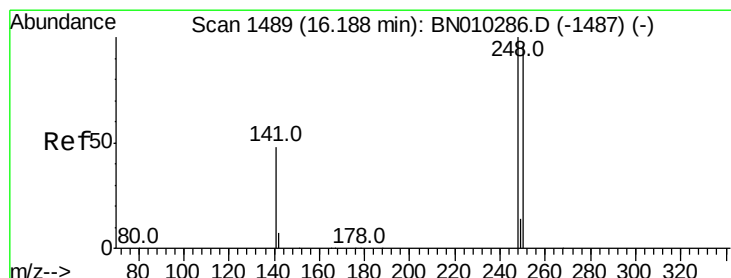
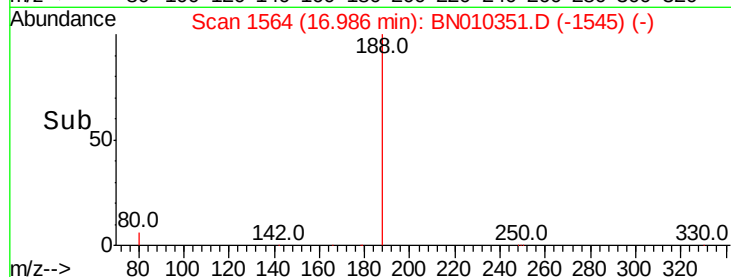
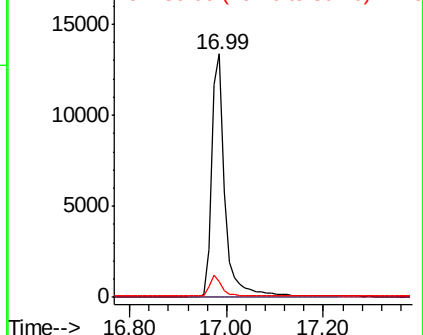
80 6.5 6.0 9.0



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: 0.325 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

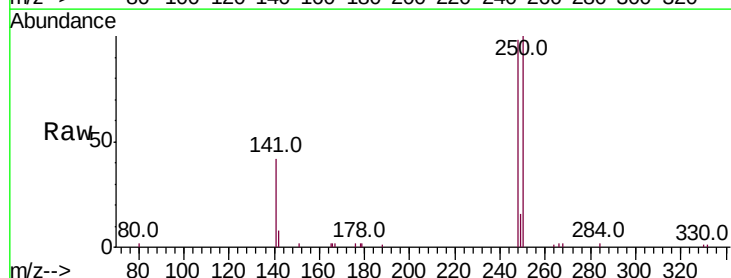
Tgt Ion:248 Resp: 4971

Ion Ratio Lower Upper

248 100

250 102.2 76.8 115.2

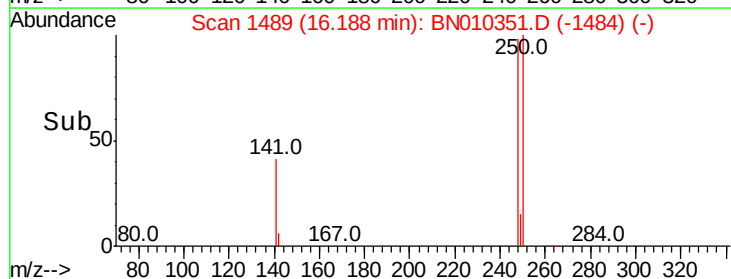
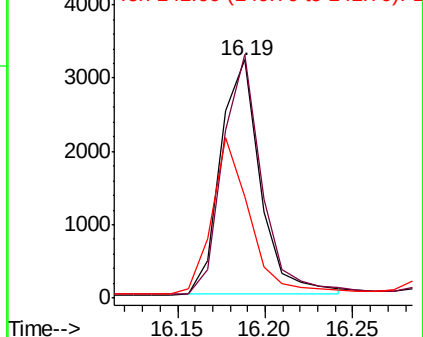
141 42.7 44.4 66.6#

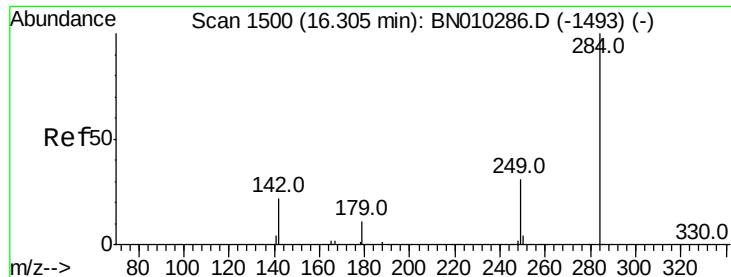


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.361 ng

RT: 16.31 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

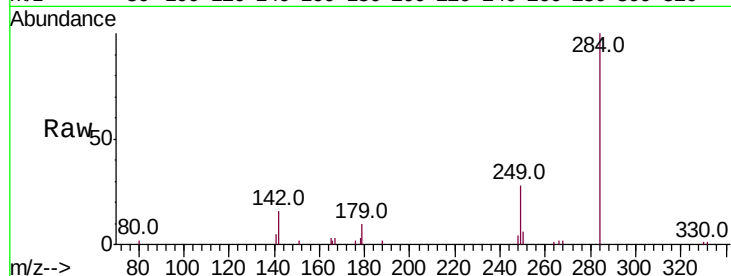
Tot Ion:284 Resp: 5666

Ion Ratio Lower Upper

284 100

142 33.3 27.4 41.2

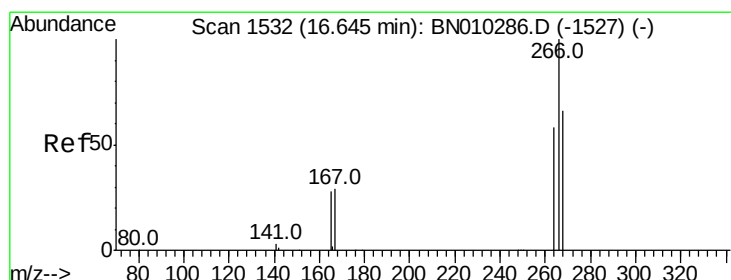
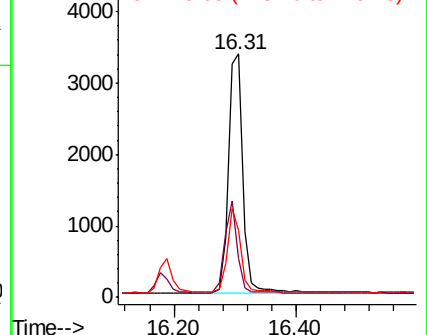
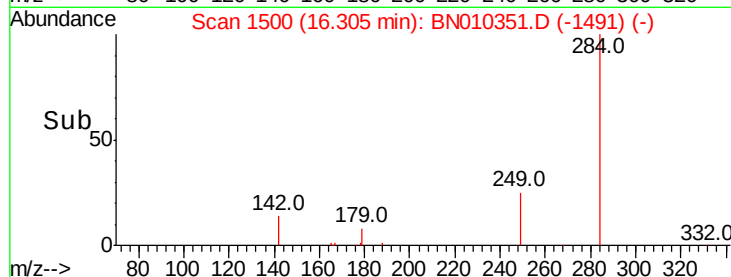
249 30.9 26.5 39.7



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: 0.798 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

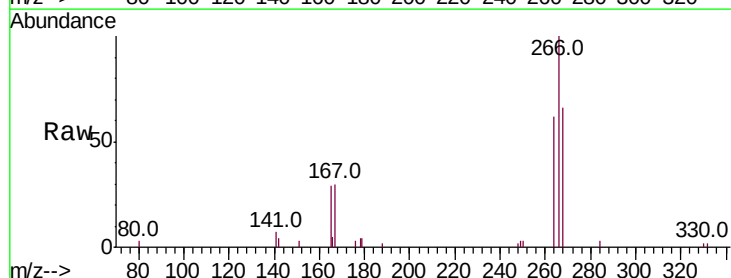
Tgt Ion:266 Resp: 4290

Ion Ratio Lower Upper

266 100

264 62.2 47.7 71.5

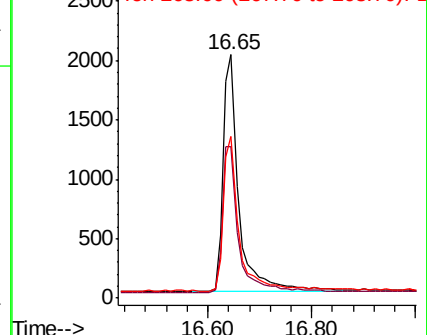
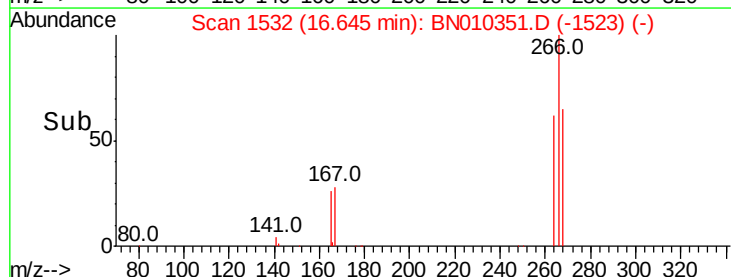
268 66.3 54.9 82.3

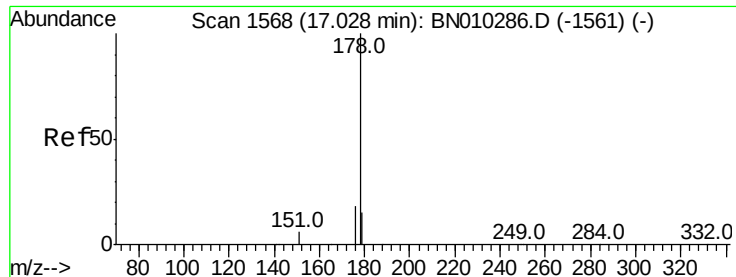


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.347 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

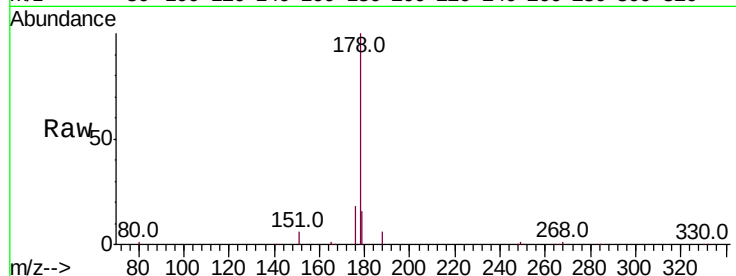
Tot Ion:178 Resp: 24082

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

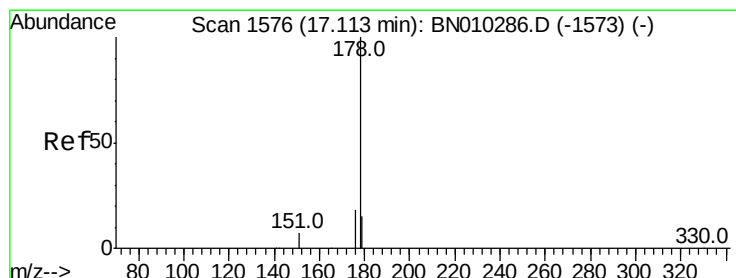
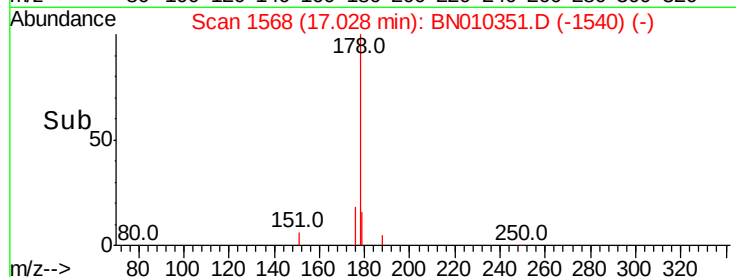
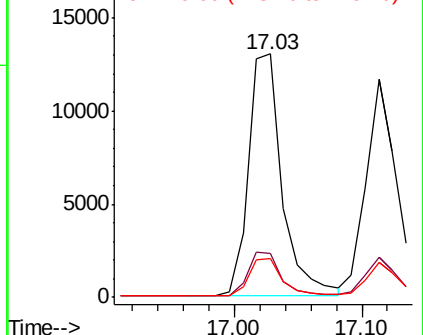
179 15.5 12.4 18.6



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: 0.352 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

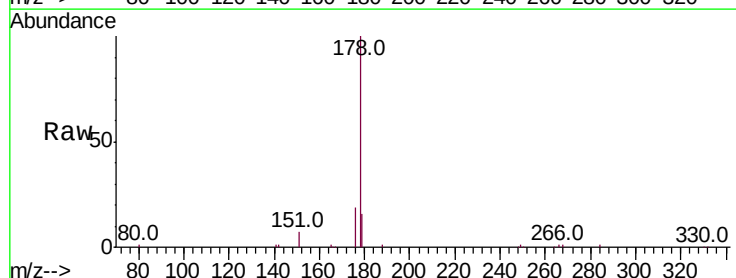
Tgt Ion:178 Resp: 20867

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

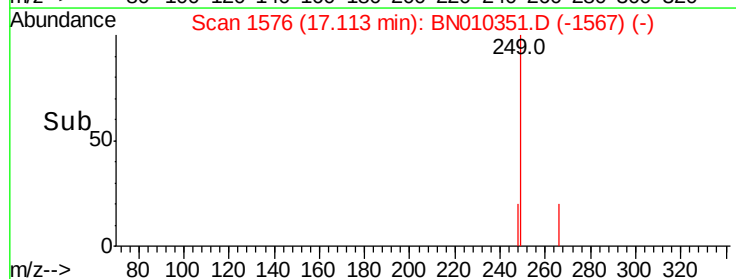
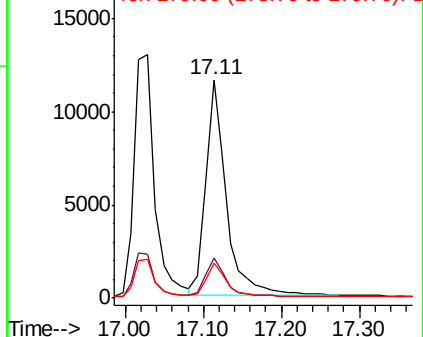
179 15.4 12.3 18.5

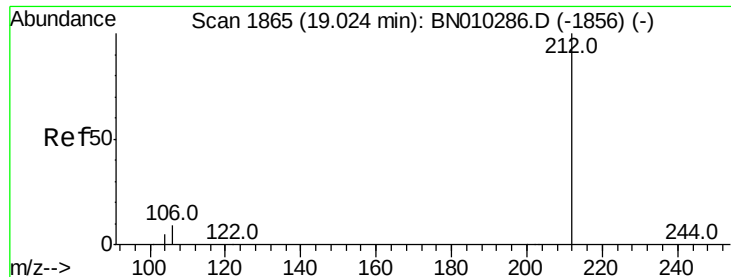


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.252 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

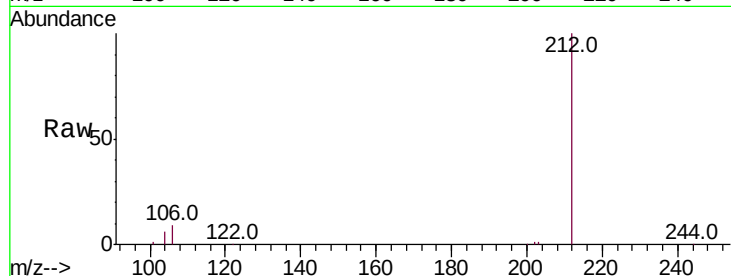
Tot Ion:212 Resp: 19197

Ion Ratio Lower Upper

212 100

106 9.4 7.4 11.2

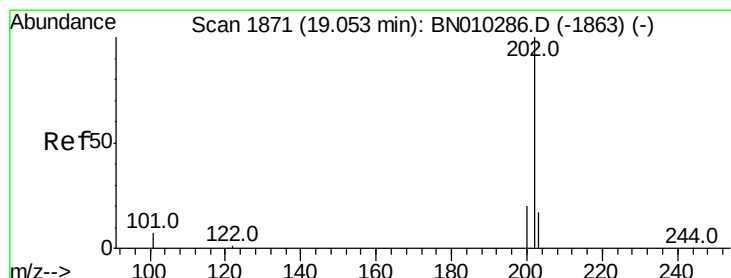
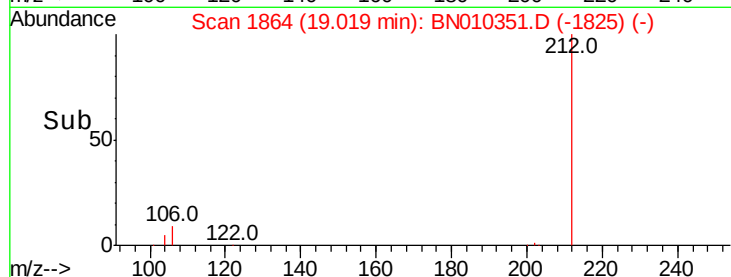
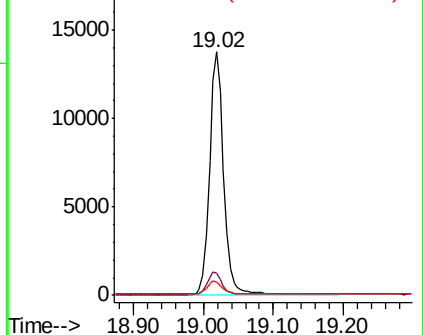
104 5.4 4.2 6.4



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: 0.332 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

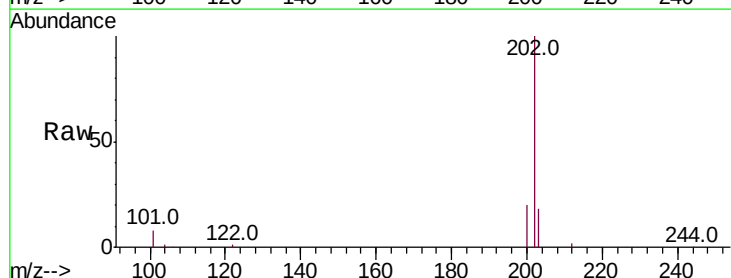
Tgt Ion:202 Resp: 28164

Ion Ratio Lower Upper

202 100

101 8.2 6.6 9.8

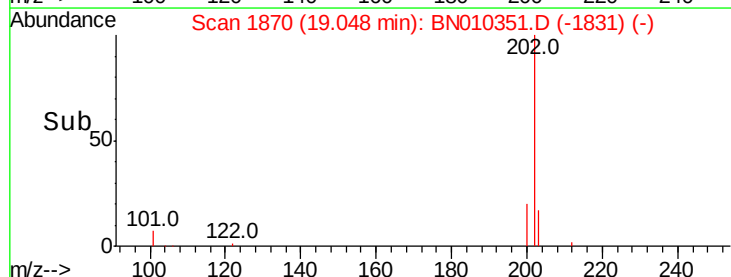
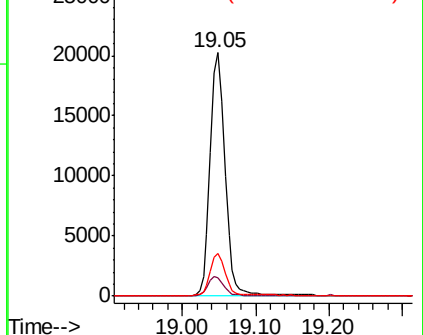
203 17.3 13.8 20.8

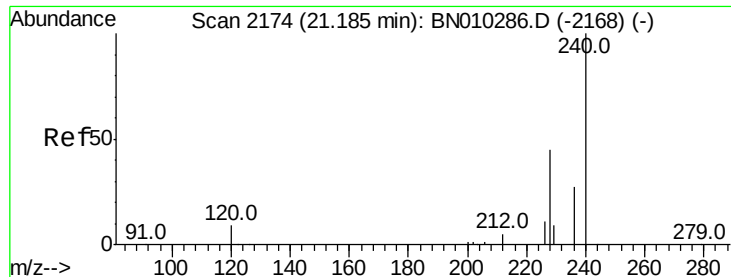


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

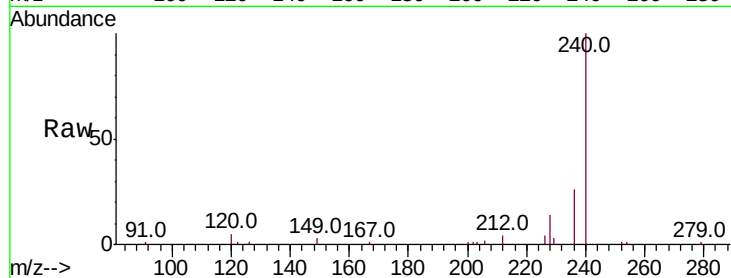
Tot Ion:240 Resp: 22610

Ion Ratio Lower Upper

240 100

120 5.4 7.9 11.9#

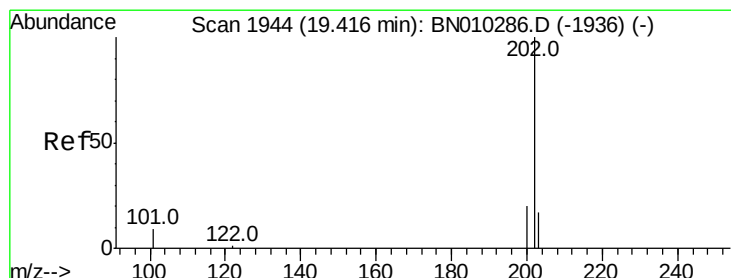
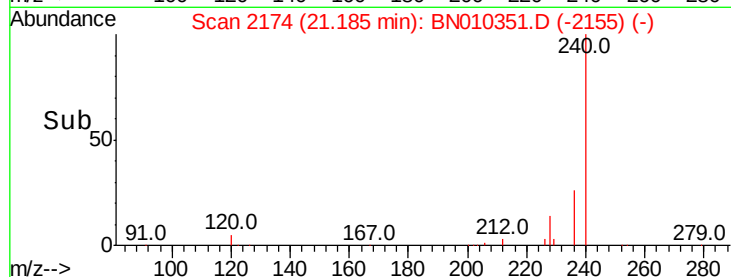
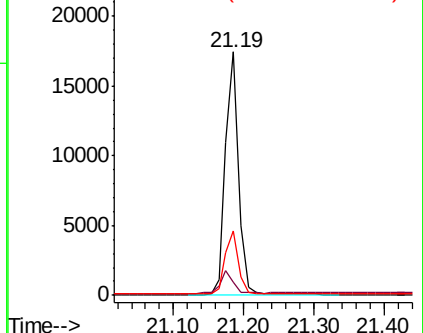
236 26.4 22.2 33.4



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: 0.399 ng

RT: 19.41 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

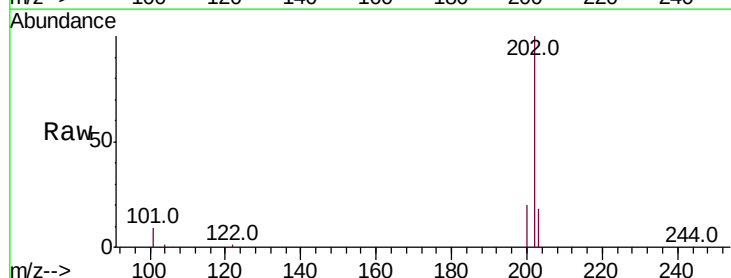
Tgt Ion:202 Resp: 28071

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

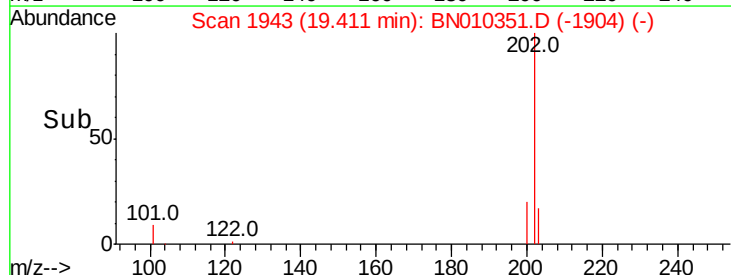
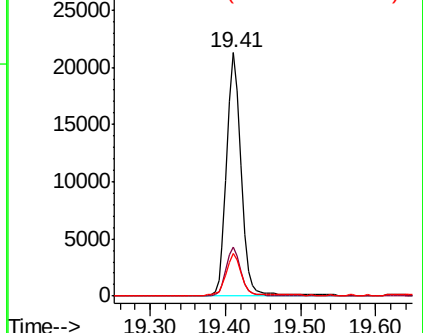
203 17.8 14.2 21.2

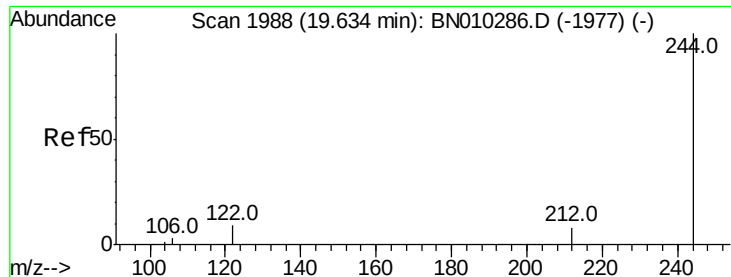


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.494 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

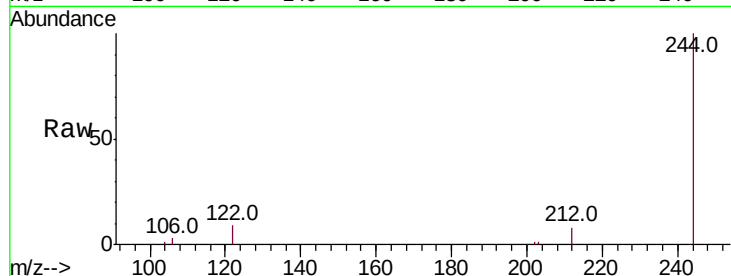
Tot Ion:244 Resp: 24144

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

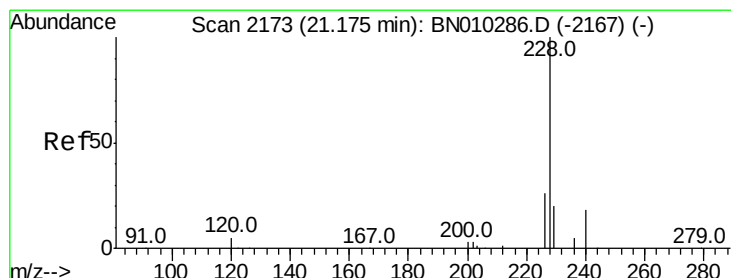
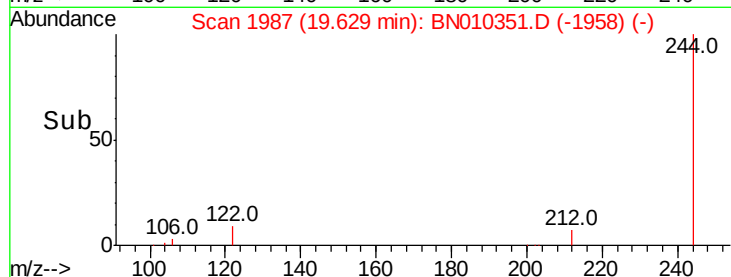
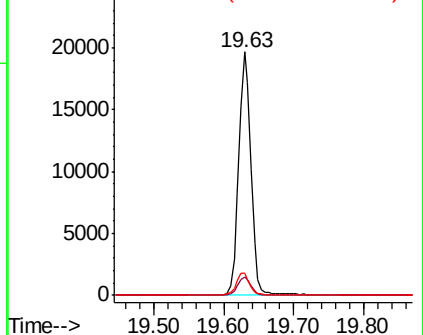
122 9.2 7.6 11.4



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: 0.360 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

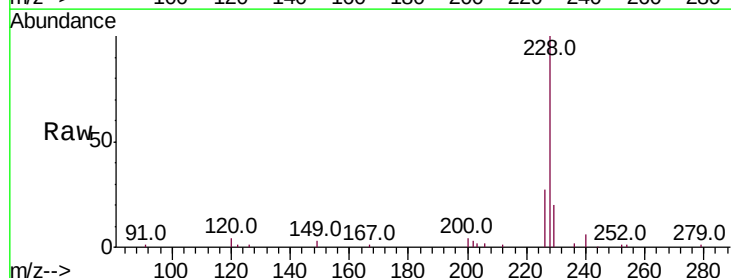
Tgt Ion:228 Resp: 25939

Ion Ratio Lower Upper

228 100

226 27.2 21.0 31.4

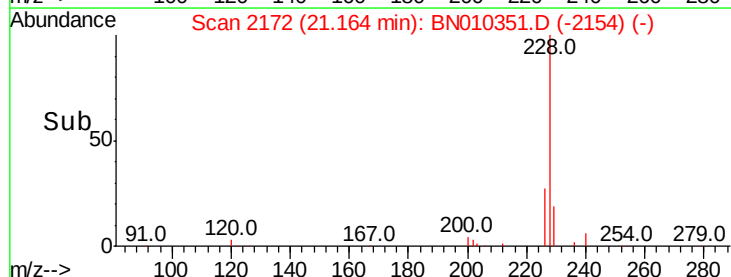
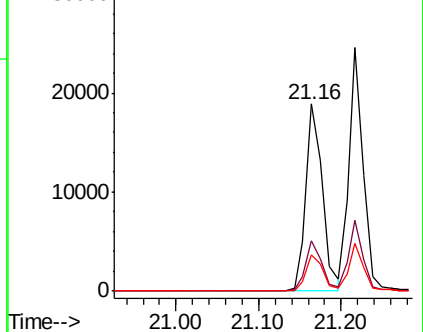
229 19.5 16.0 24.0

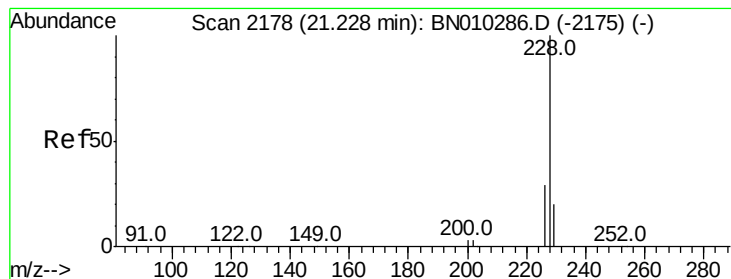


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

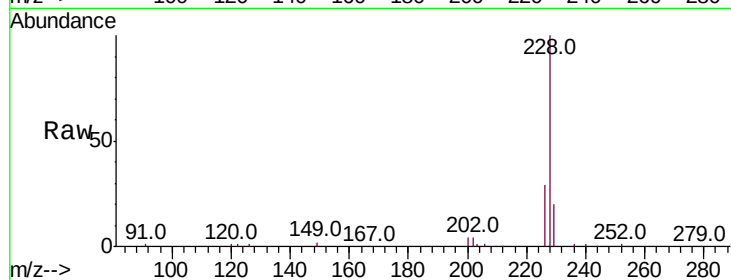
BNA_N

ClientSampleId :

PB127802BS

Tot Ion:228 Resp: 29990

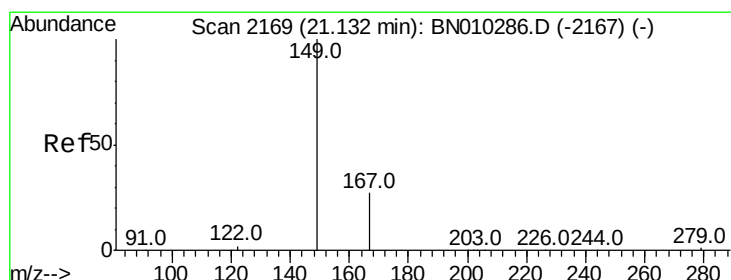
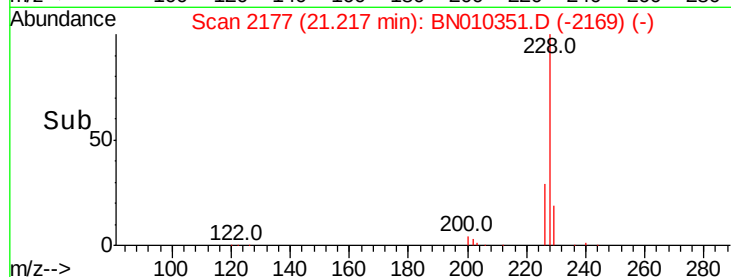
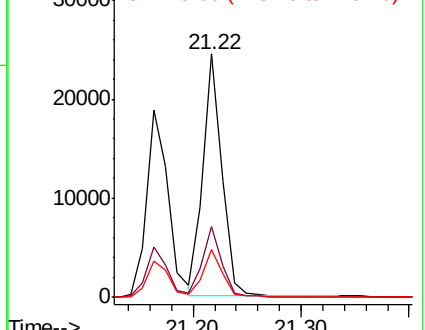
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	19.5	16.0	24.0



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: 0.279 ng

RT: 21.12 min Scan# 2168

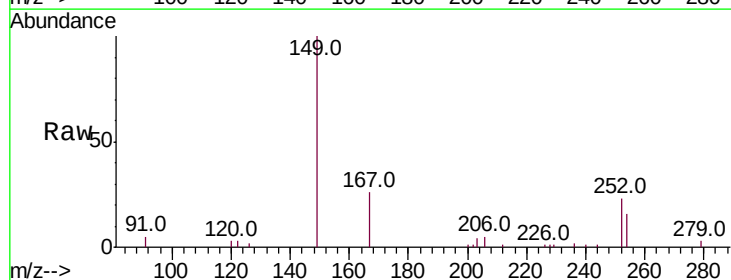
Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Tgt Ion:149 Resp: 6790

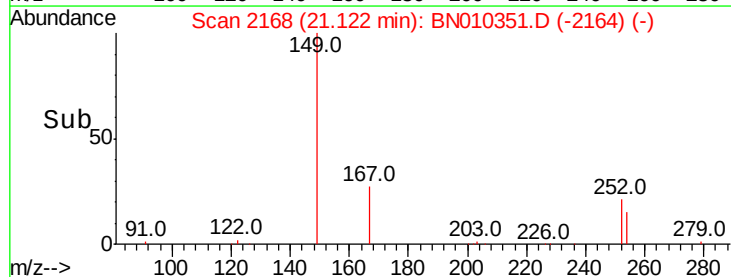
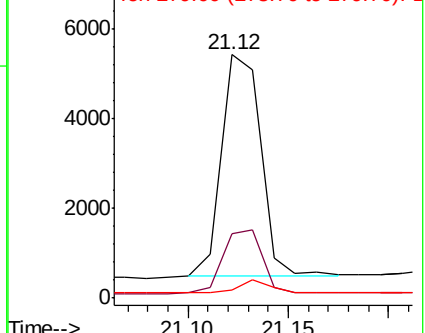
Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.6
279	4.7	3.8	5.8

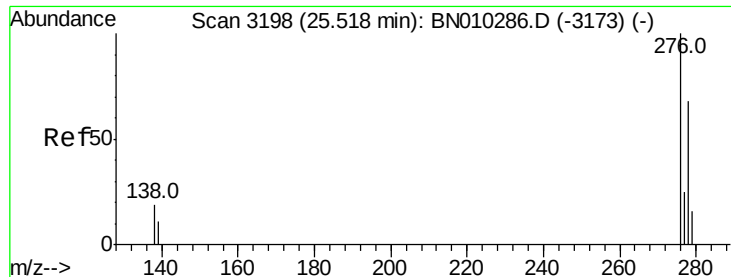


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.471 ng

RT: 25.50 min Scan# 3194

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

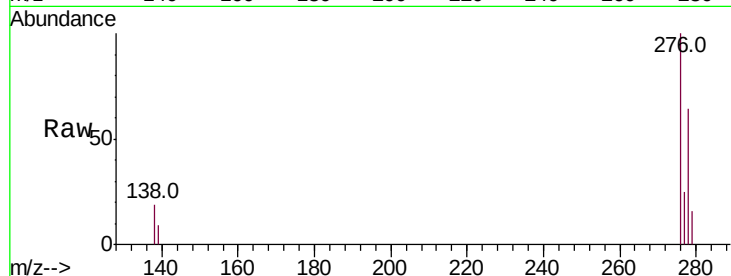
Tot Ion:276 Resp: 38939

Ion Ratio Lower Upper

276 100

138 19.5 15.6 23.4

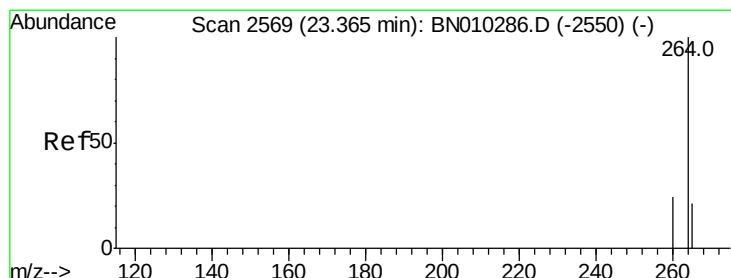
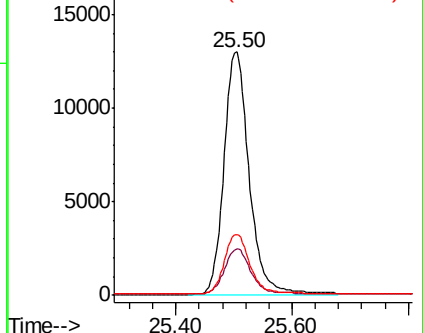
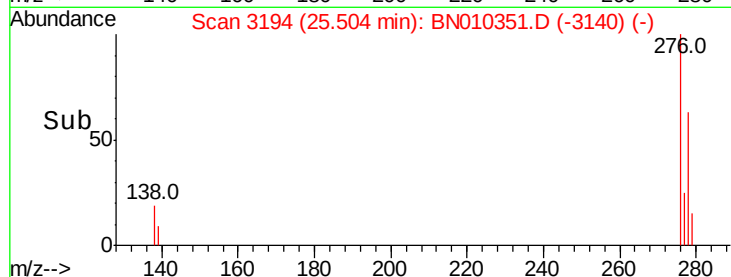
277 24.9 20.1 30.1



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: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

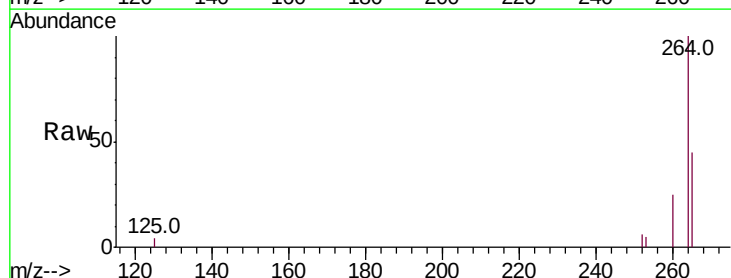
Tgt Ion:264 Resp: 23731

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

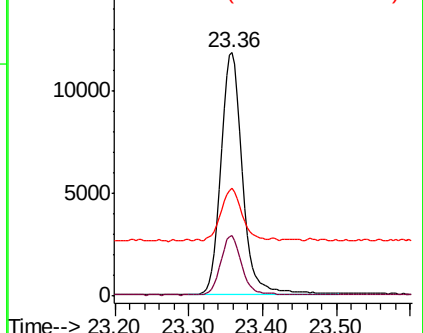
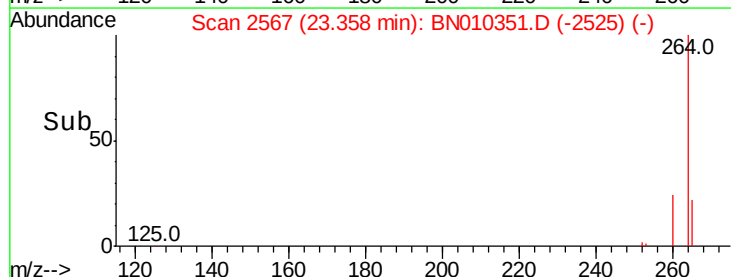
265 44.5 32.4 48.6

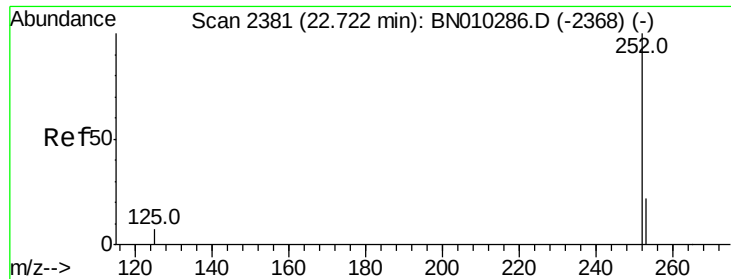


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

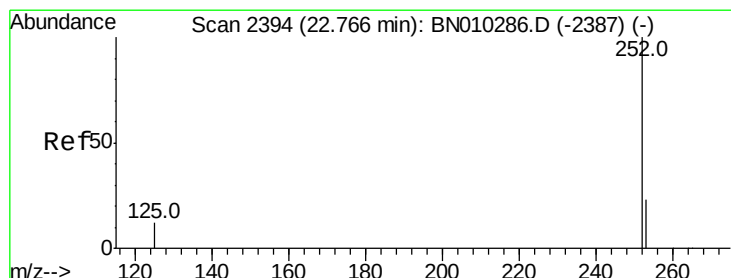
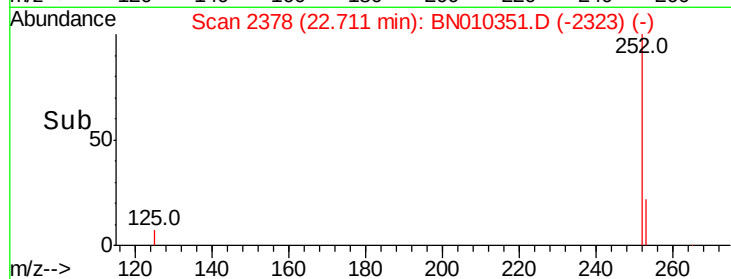
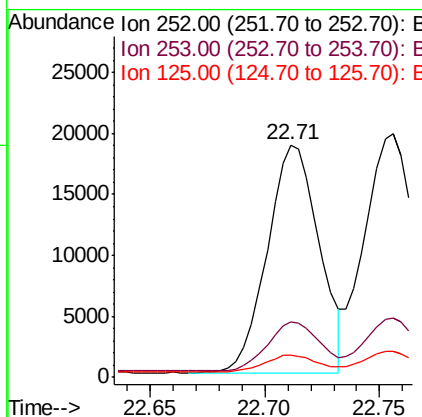
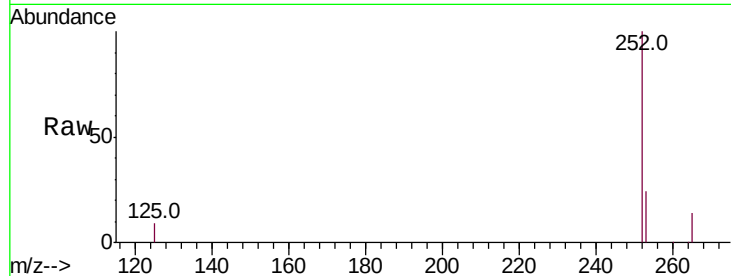




#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

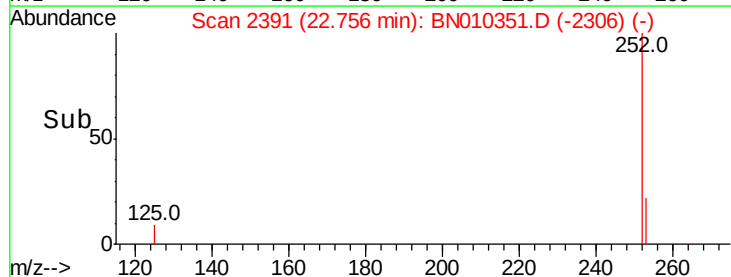
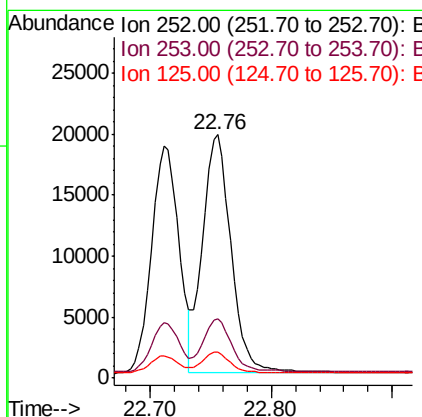
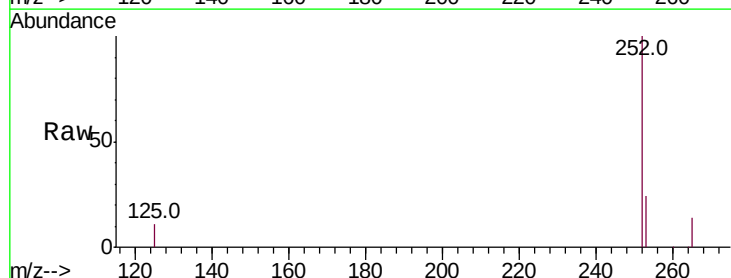
Instrument :
BNA_N
ClientSampleId :
PB127802BS

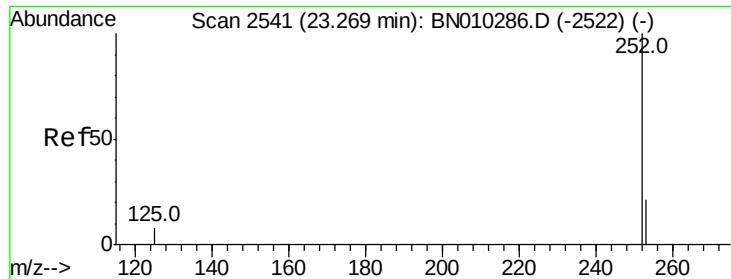
Tot Ion:252 Resp: 29197
Ion Ratio Lower Upper
252 100
253 24.1 19.2 28.8
125 9.4 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:252 Resp: 32001
Ion Ratio Lower Upper
252 100
253 24.3 19.4 29.0
125 10.7 10.2 15.2





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

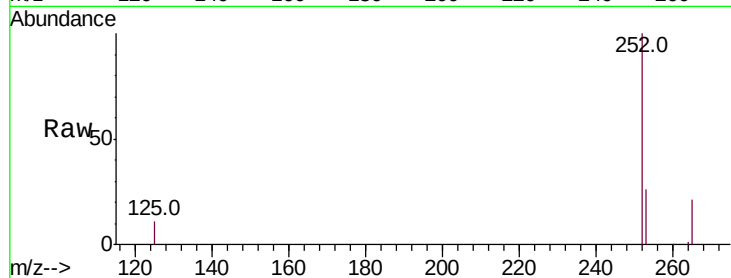
Tot Ion:252 Resp: 25385

Ion Ratio Lower Upper

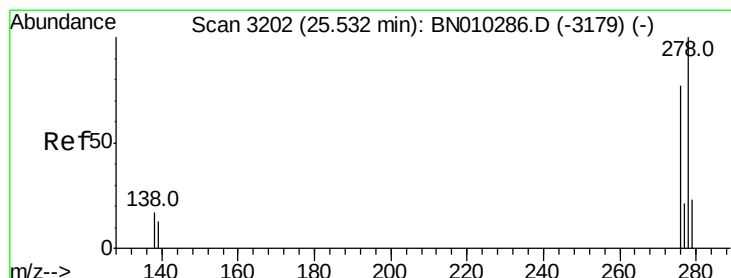
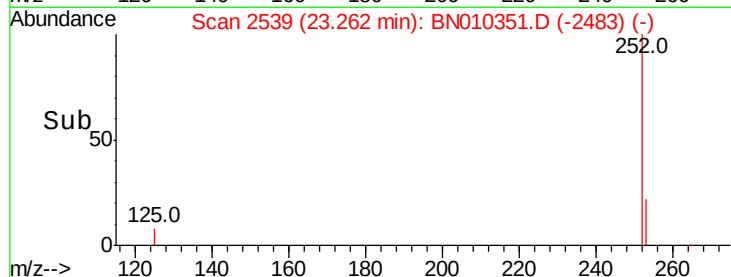
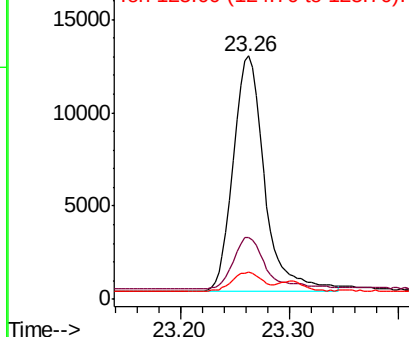
252 100

253 25.6 19.9 29.9

125 11.2 8.9 13.3



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: 0.436 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

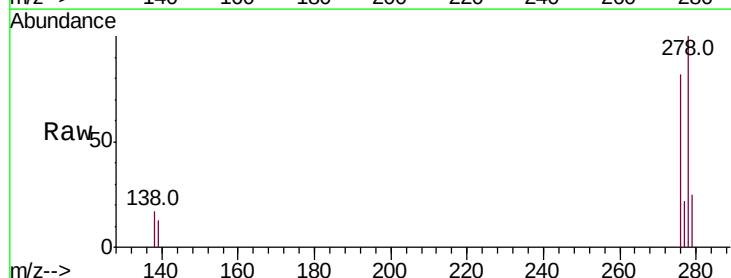
Tgt Ion:278 Resp: 32032

Ion Ratio Lower Upper

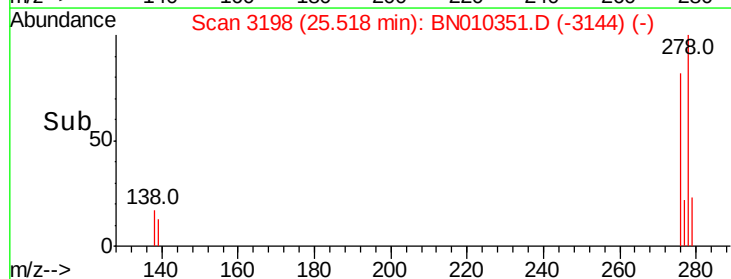
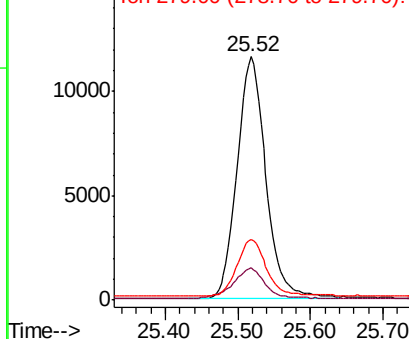
278 100

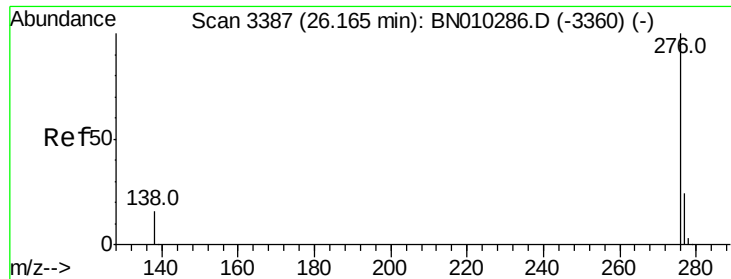
139 13.1 10.6 16.0

279 24.9 19.8 29.6



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: 0.432 ng

RT: 26.15 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN010351.D

Acq: 27 Mar 2020 14:45

Instrument :

BNA_N

ClientSampleId :

PB127802BS

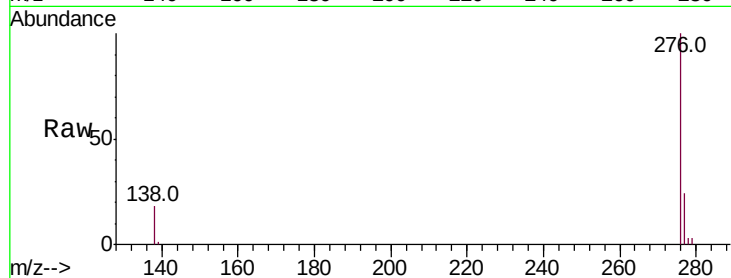
Tot Ion:276 Resp: 31981

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 17.7 13.3 19.9



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

