

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010324.D
 Acq On : 24 Mar 2020 13:15
 Operator : CG/JU
 Sample : PB127724BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127689BL

Quant Time: Mar 24 13:51:54 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

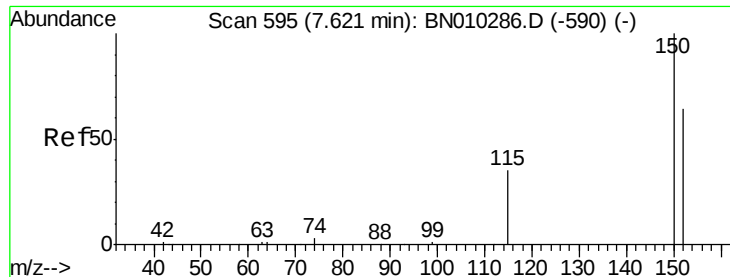
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4784	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	15951	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	8551	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19276	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18238	0.40	ng	0.00
34) Perylene-d12	23.36	264	17328	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3155	0.33	ng	0.00
5) Phenol-d6	6.79	99	3864	0.33	ng	0.00
8) Nitrobenzene-d5	8.74	82	5432	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	10151	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	926	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	20031	0.61	ng	-0.01
25) Fluoranthene-d10	19.02	212	15723	0.27	ng	0.00
29) Terphenyl-d14	19.63	244	20129	0.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1126	0.251	ng	# 61
3) n-Nitrosodimethylamine	3.55	42	1412	0.372	ng	# 99
6) bis(2-Chloroethyl)ether	7.05	93	4324	0.382	ng	99
9) Naphthalene	10.42	128	14977	0.377	ng	99
10) Hexachlorobutadiene	10.72	225	3565	0.370	ng	# 97
12) 2-Methylnaphthalene	12.04	142	9935	0.360	ng	98
16) Acenaphthylene	13.95	152	12033	0.359	ng	100
17) Acenaphthene	14.30	154	8658	0.362	ng	97
18) Fluorene	15.29	166	11482	0.362	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	4031	0.345	ng	# 89
21) Hexachlorobenzene	16.31	284	4518	0.376	ng	99
22) Pentachlorophenol	16.65	266	3100	0.754	ng	97
23) Phenanthrene	17.03	178	19490	0.368	ng	100
24) Anthracene	17.11	178	15684	0.346	ng	100
26) Fluoranthene	19.05	202	22749	0.350	ng	100
28) Pyrene	19.42	202	22554	0.397	ng	100
30) Benzo(a)anthracene	21.17	228	20419	0.352	ng	99
31) Chrysene	21.22	228	24850	0.399	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	5157	0.263	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	26440	0.396	ng	99
35) Benzo(b)fluoranthene	22.72	252	23365	0.397	ng	100
36) Benzo(k)fluoranthene	22.76	252	24163	0.403	ng	# 97
37) Benzo(a)pyrene	23.27	252	19786	0.398	ng	99
38) Dibenzo(a,h)anthracene	25.52	278	22044	0.410	ng	98
39) Benzo(g,h,i)perylene	26.16	276	23965	0.443	ng	99

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

```
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Misc      :
ALS Vial  : 4      Sample Multiplier: 1
```

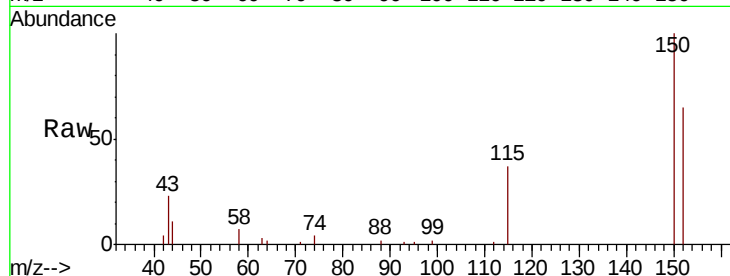


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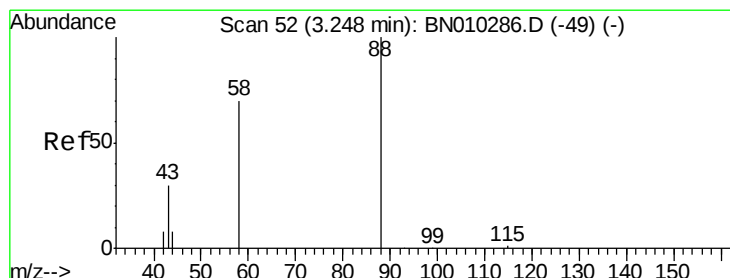
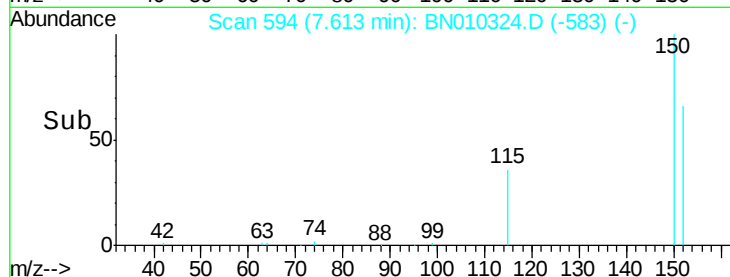
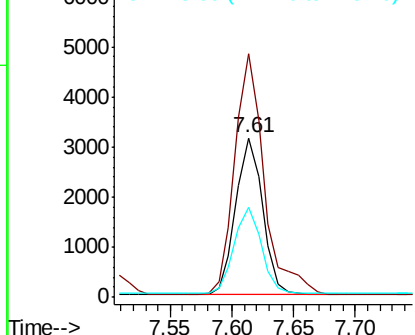
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

Instrument :
BNA_N
ClientSampleId :
PB127689BL

Tot Ion:152 Resp: 4784
Ion Ratio Lower Upper
152 100
150 153.0 123.1 184.7
115 56.7 45.2 67.8



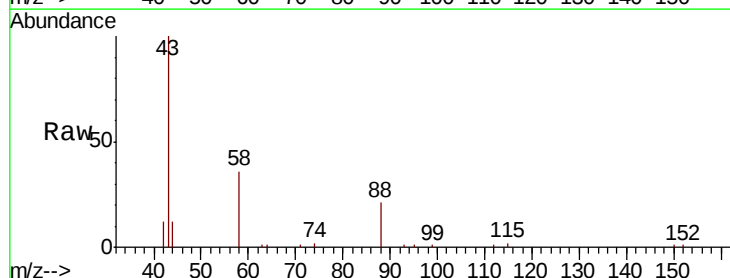
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



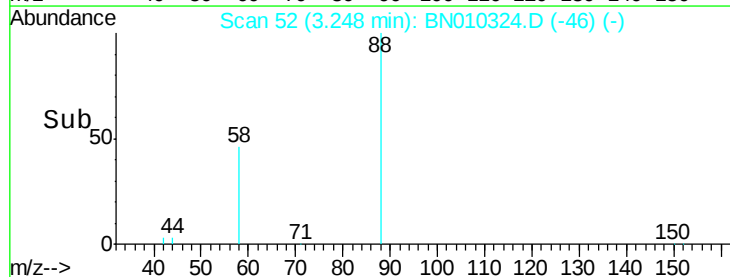
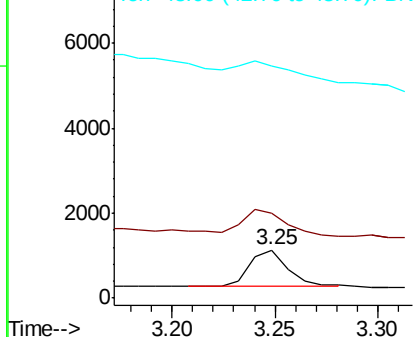
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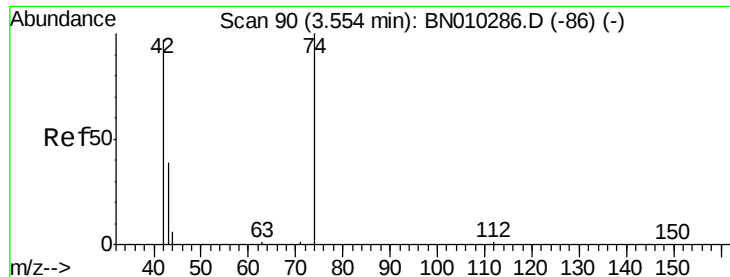
1,4-Dioxane
Concen: 0.251 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

Tgt Ion: 88 Resp: 1126
Ion Ratio Lower Upper
88 100
58 75.7 51.7 77.5
43 77.2 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



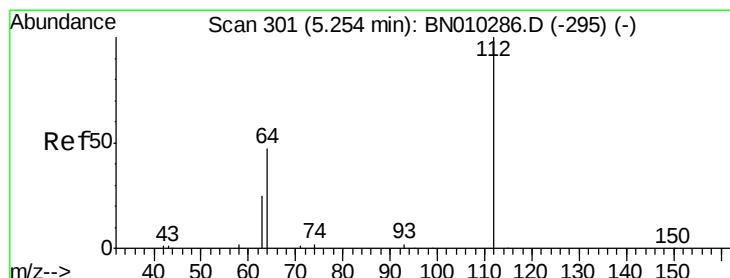
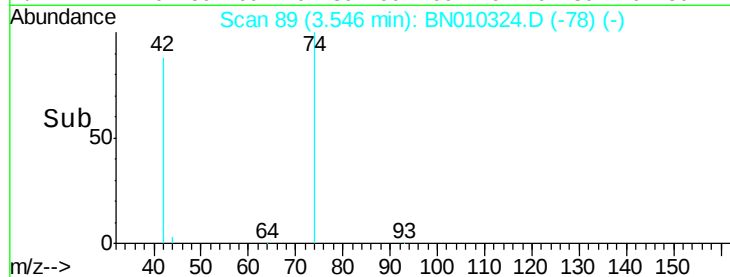
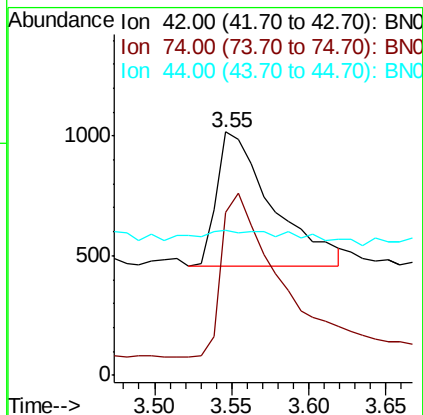
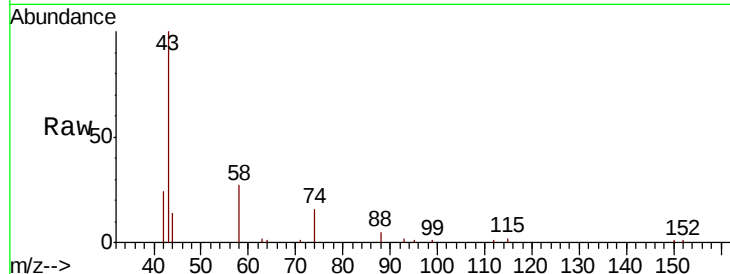


#3

n-Nitrosodimethylamine
 Concen: 0.372 ng
 RT: 3.55 min Scan# 89
 Delta R.T. -0.01 min
 Lab File: BN010324.D
 Acq: 24 Mar 2020 13:15

Instrument :
 BNA_N
 ClientSampleID :
 PB127689BL

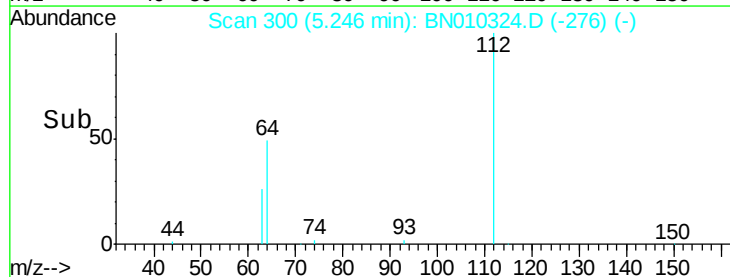
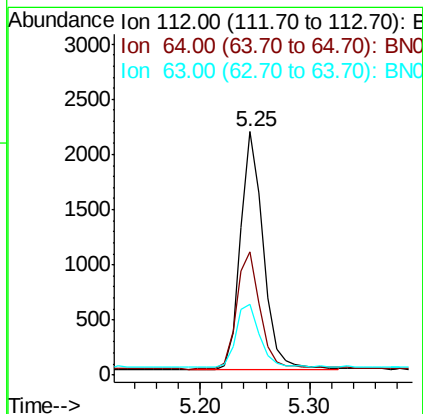
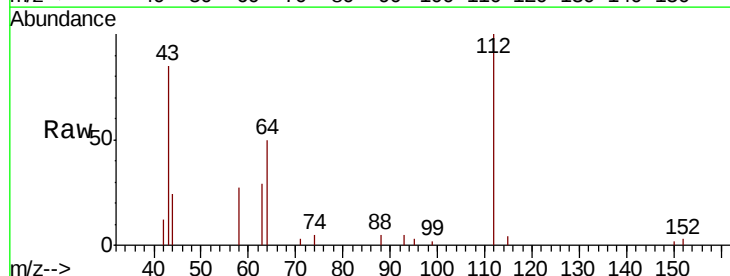
Tot Ion: 42 Resp: 1412
 Ion Ratio Lower Upper
 42 100
 74 125.1 99.4 149.0
 44 11.1 4.8 7.2#

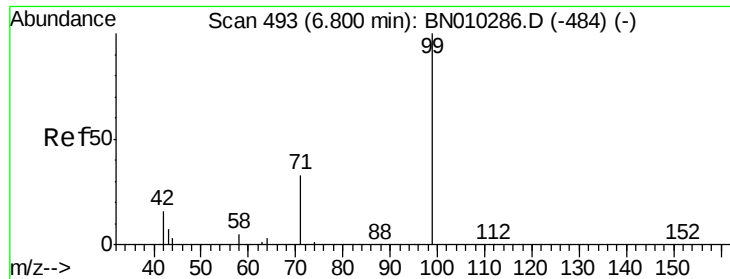


#4

2-Fluorophenol
 Concen: 0.333 ng
 RT: 5.25 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BN010324.D
 Acq: 24 Mar 2020 13:15

Tgt Ion: 112 Resp: 3155
 Ion Ratio Lower Upper
 112 100
 64 51.9 41.4 62.2
 63 27.6 22.9 34.3





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

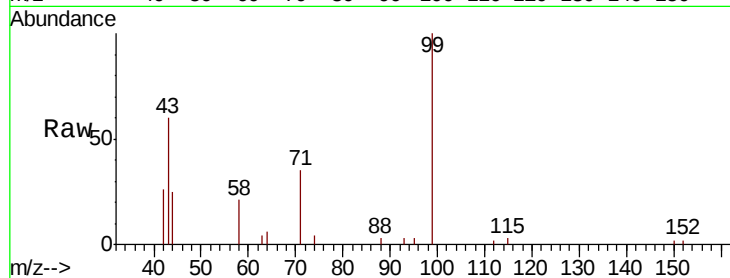
Tot Ion: 99 Resp: 3864

Ion Ratio Lower Upper

99 100

42 19.6 14.8 22.2

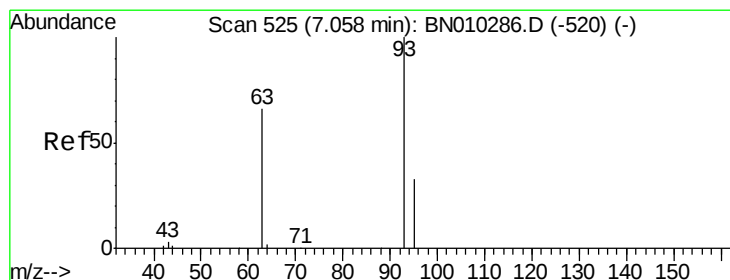
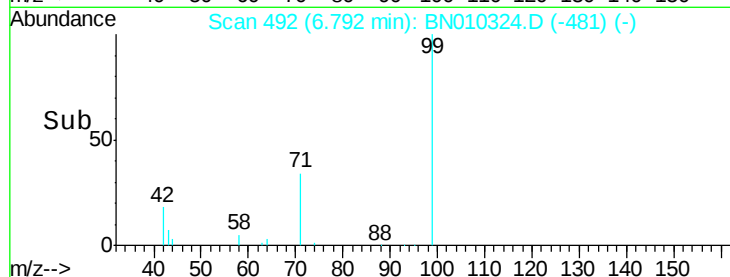
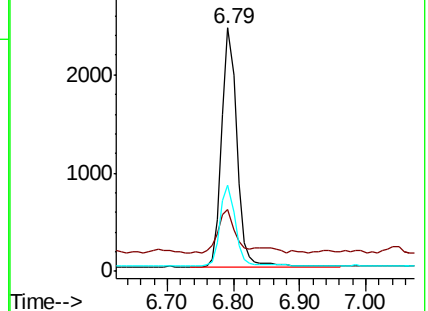
71 33.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010324.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010324.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010324.D (-484) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.382 ng

RT: 7.05 min Scan# 524

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

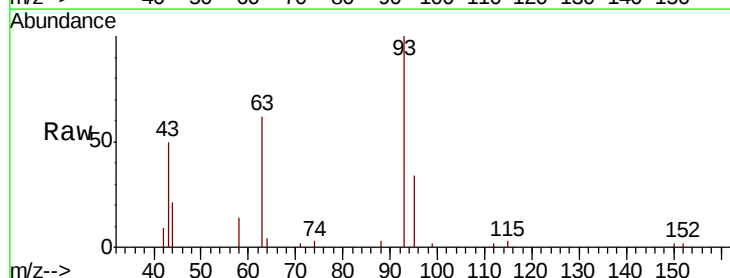
Tgt Ion: 93 Resp: 4324

Ion Ratio Lower Upper

93 100

63 68.5 55.6 83.4

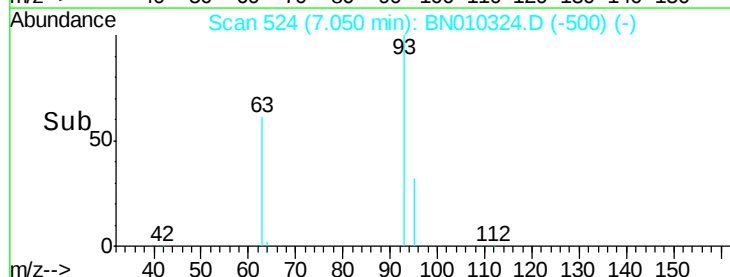
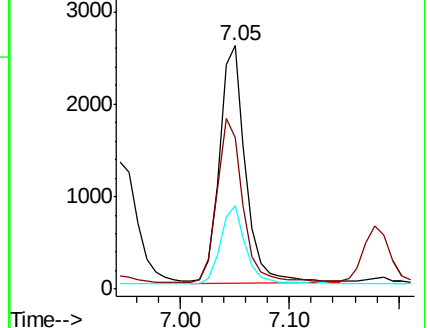
95 32.0 26.2 39.4

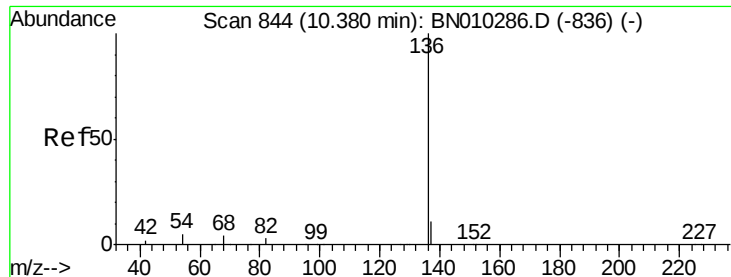


Abundance Ion 93.00 (92.70 to 93.70): BN010324.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010324.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010324.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

Tot Ion:136 Resp: 15951

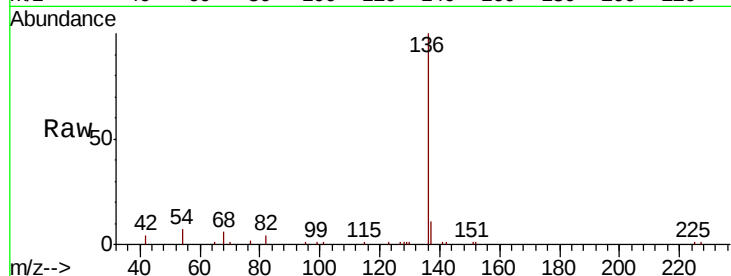
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 7.0 4.8 7.2

68 6.3 4.1 6.1#

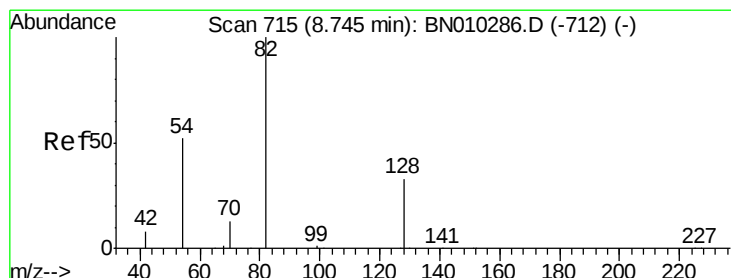
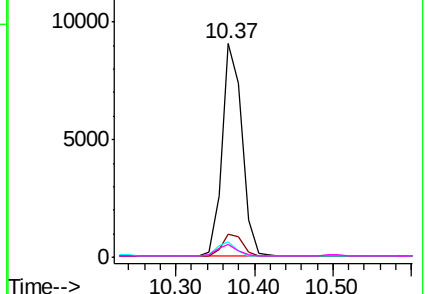
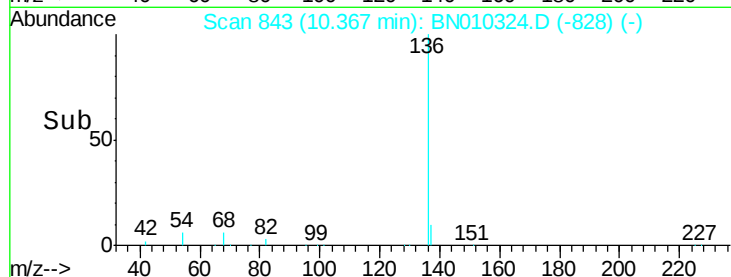


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.531 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

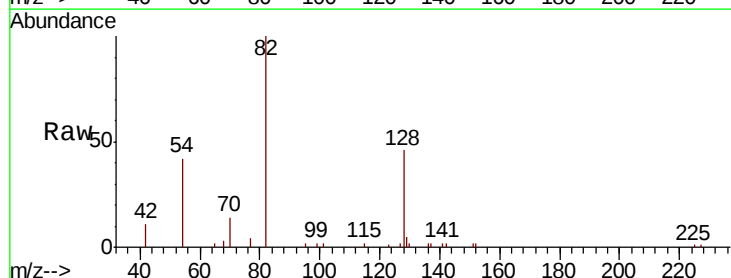
Tgt Ion: 82 Resp: 5432

Ion Ratio Lower Upper

82 100

128 45.5 28.8 43.2#

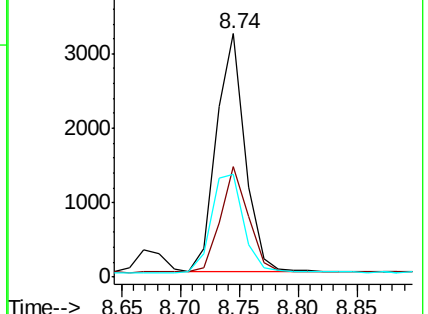
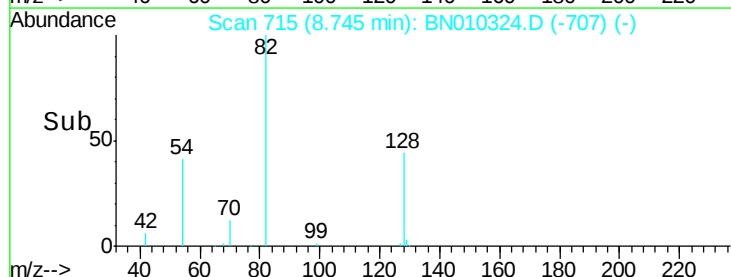
54 42.5 42.1 63.1

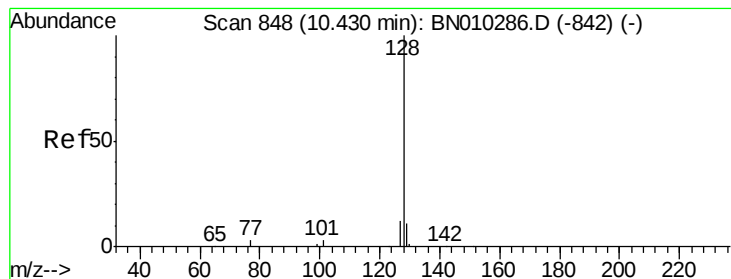


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.377 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

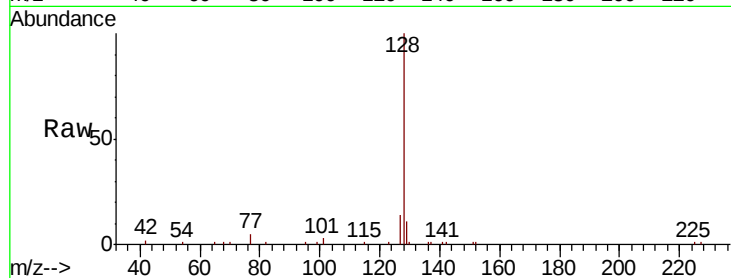
Tot Ion:128 Resp: 14977

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

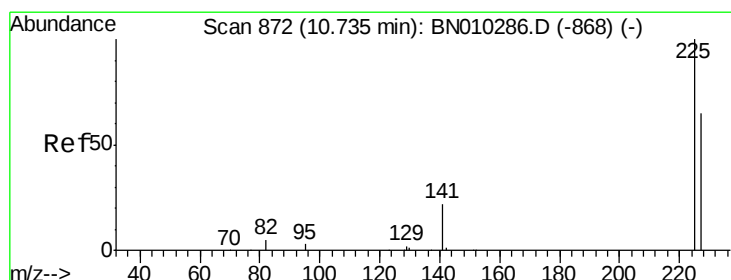
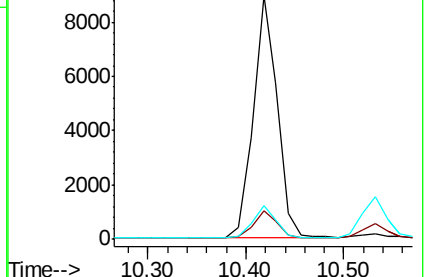
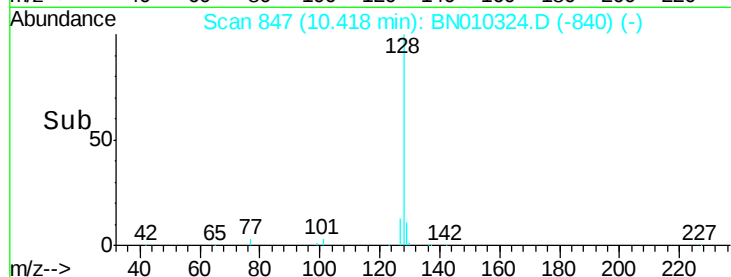
127 13.8 10.4 15.6



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: 0.370 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

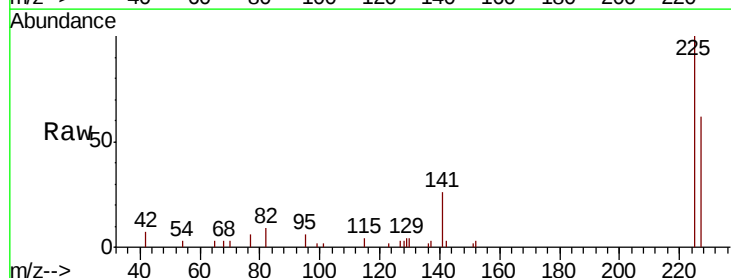
Tgt Ion:225 Resp: 3565

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

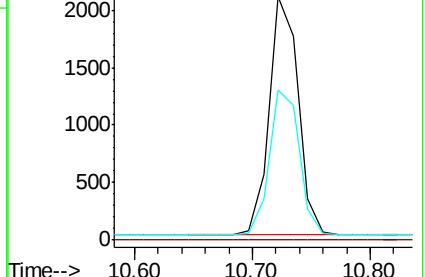
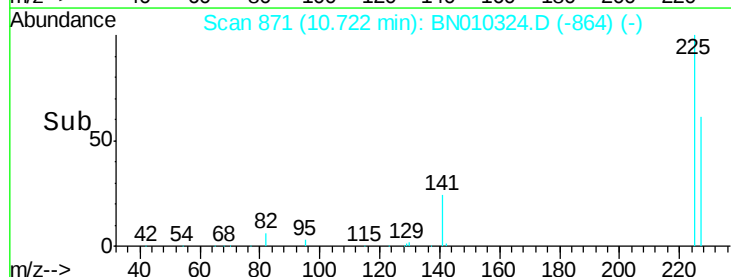
227 62.8 51.9 77.9

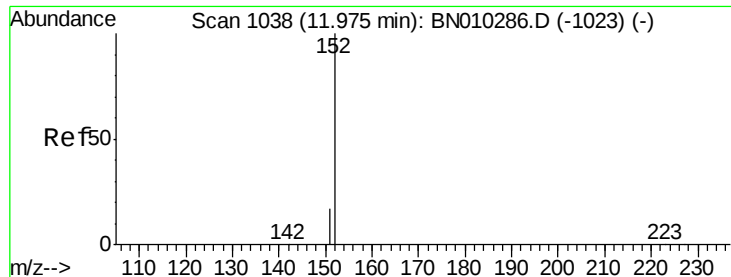


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

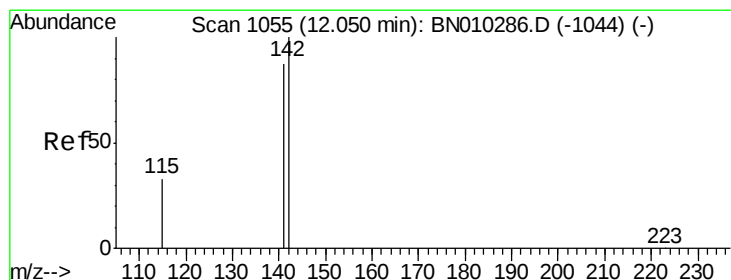
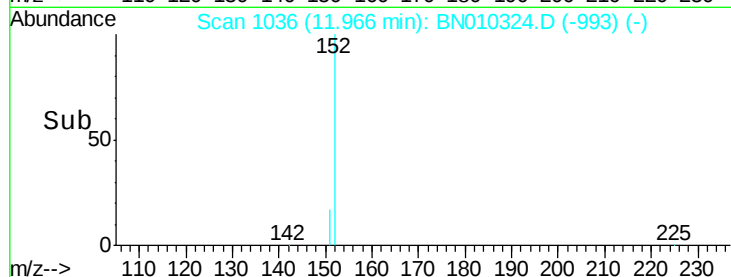
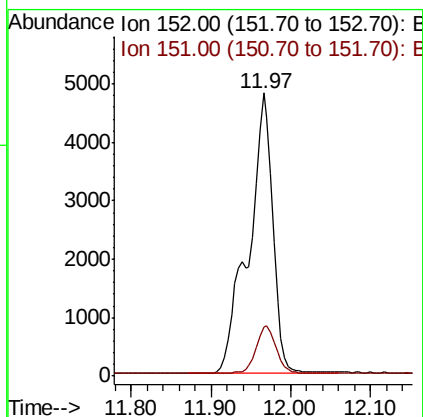
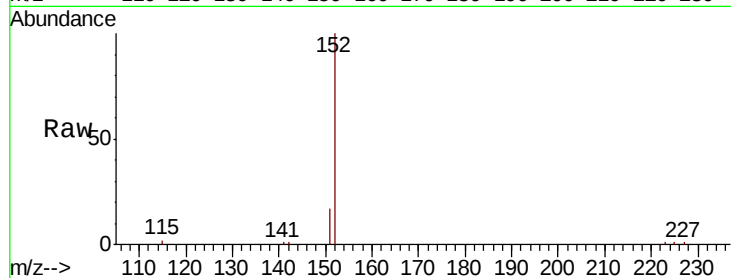




#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

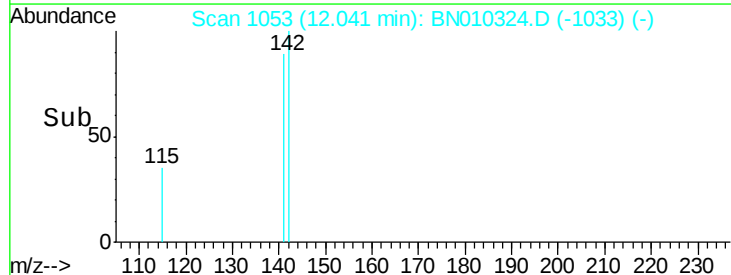
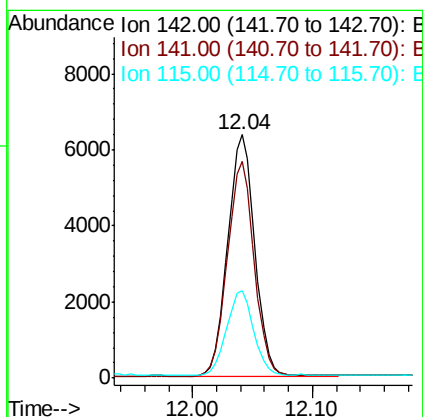
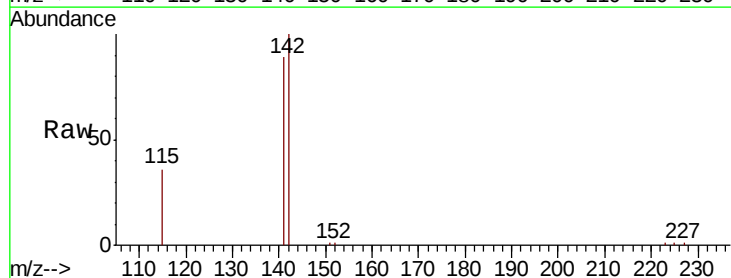
Instrument :
BNA_N
ClientSampleId :
PB127689BL

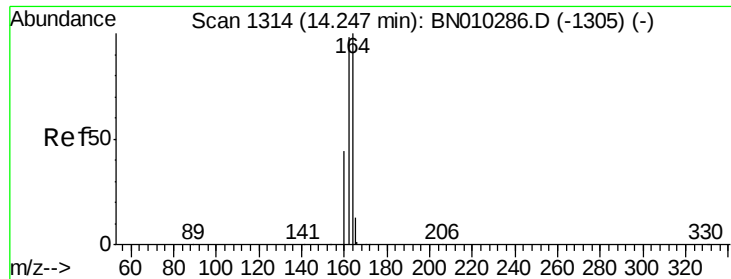
Tot Ion:152 Resp: 10151
Ion Ratio Lower Upper
152 100
151 13.9 15.4 23.2#



#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

Tgt Ion:142 Resp: 9935
Ion Ratio Lower Upper
142 100
141 88.9 69.5 104.3
115 36.0 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: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

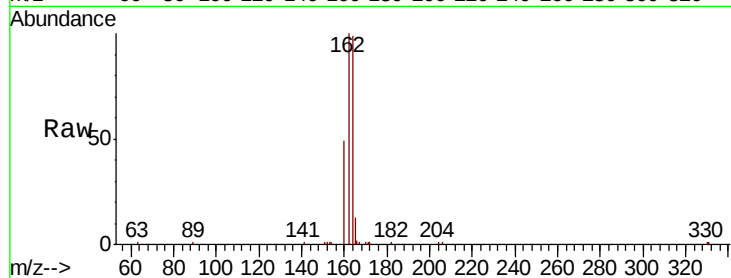
Tot Ion:164 Resp: 8551

Ion Ratio Lower Upper

164 100

162 100.7 78.2 117.2

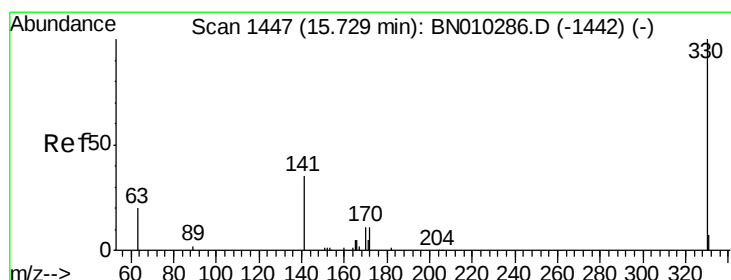
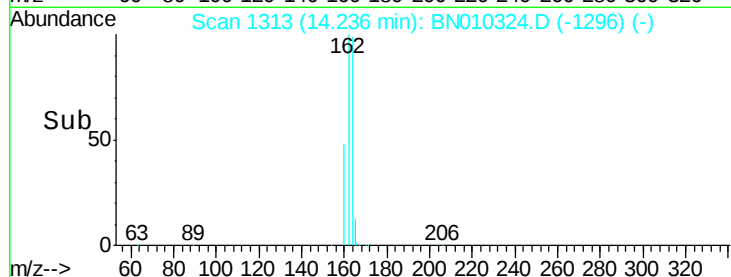
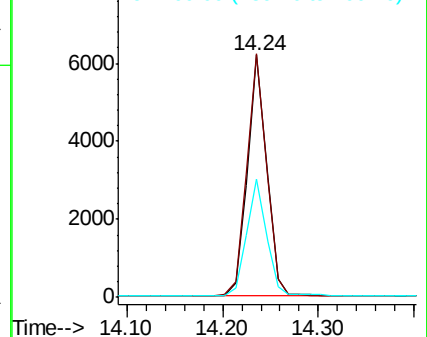
160 49.1 35.8 53.6



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: 0.282 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

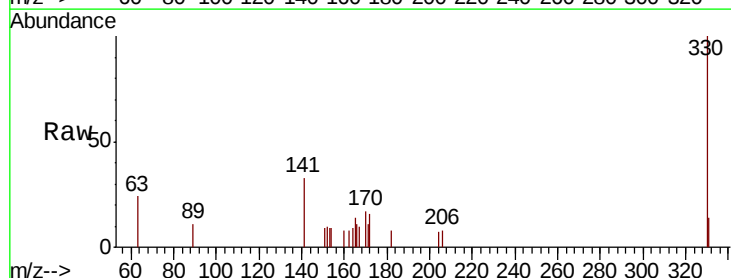
Tgt Ion:330 Resp: 926

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

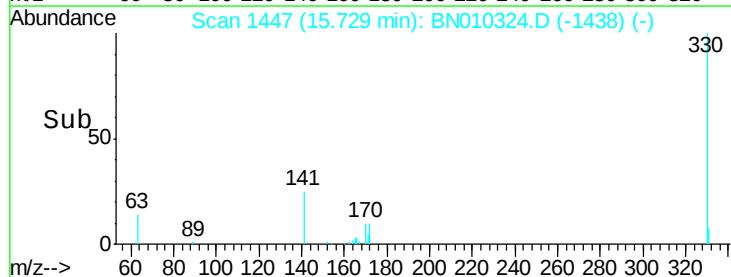
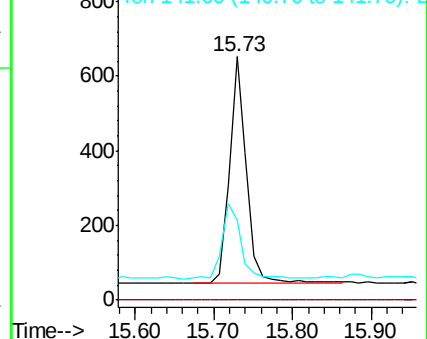
141 36.2 29.3 43.9

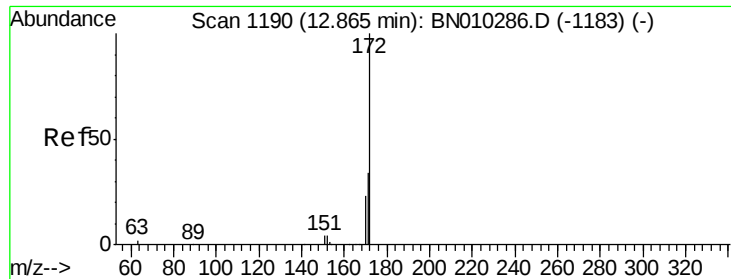


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

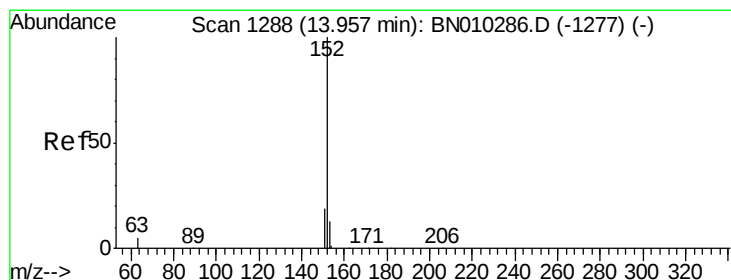
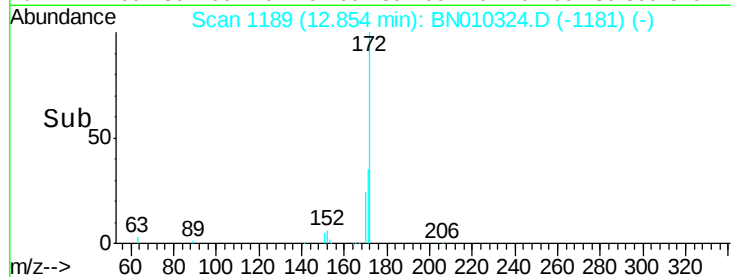
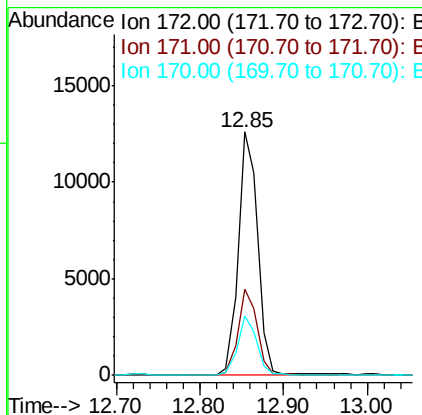
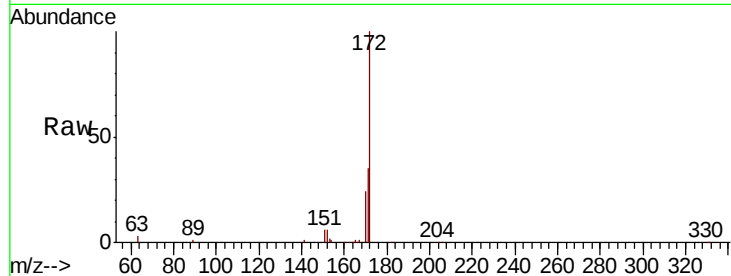




#15
2-Fluorobiphenyl
Concen: 0.612 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

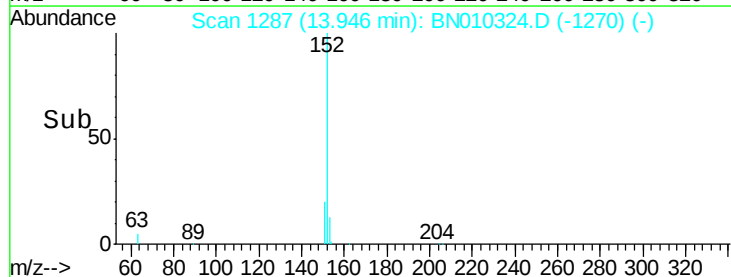
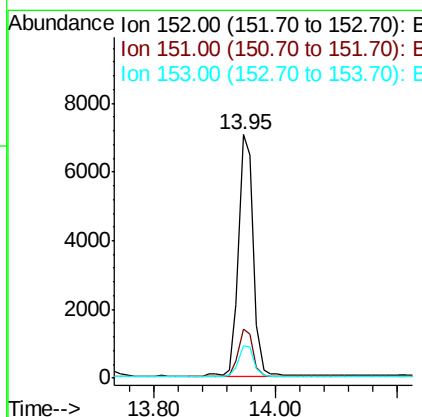
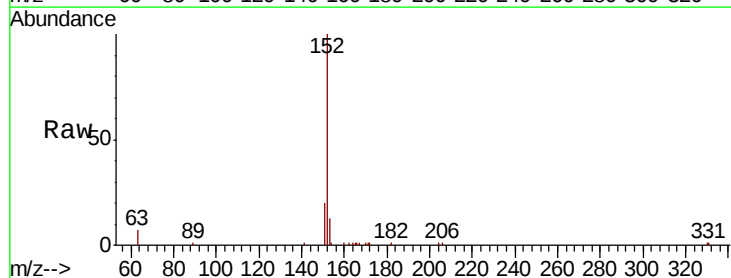
Instrument :
BNA_N
ClientSampleId :
PB127689BL

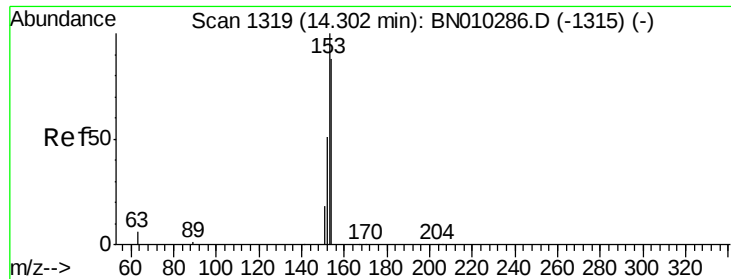
Tot Ion:172 Resp: 20031
Ion Ratio Lower Upper
172 100
171 35.3 27.6 41.4
170 24.3 18.5 27.7



#16
Acenaphthylene
Concen: 0.359 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

Tgt Ion:152 Resp: 12033
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.362 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

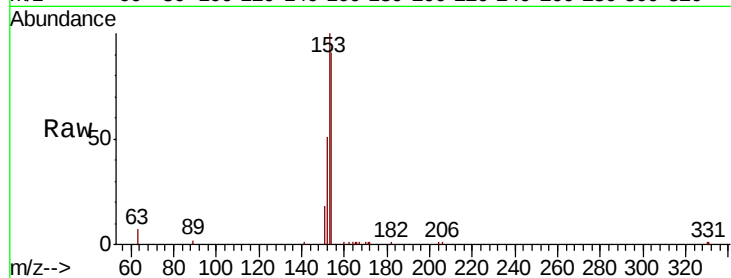
Tot Ion:154 Resp: 8658

Ion Ratio Lower Upper

154 100

153 113.5 88.1 132.1

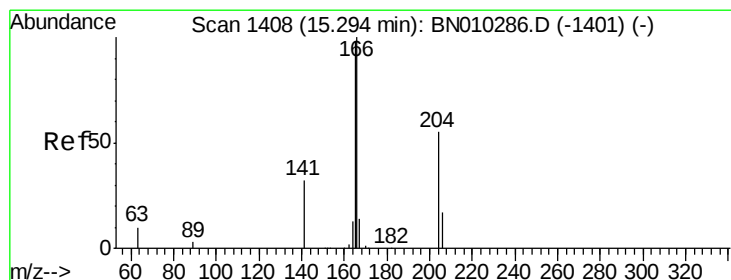
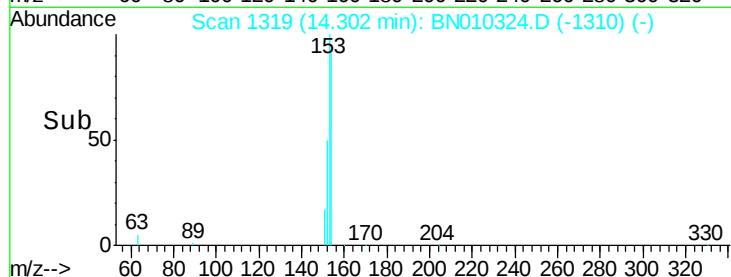
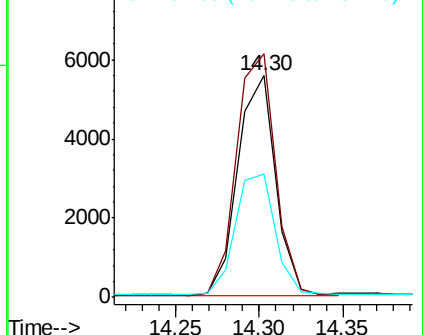
152 58.6 45.5 68.3



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: 0.362 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

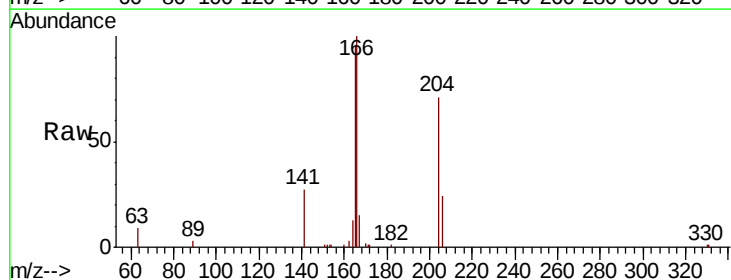
Tgt Ion:166 Resp: 11482

Ion Ratio Lower Upper

166 100

165 97.0 78.7 118.1

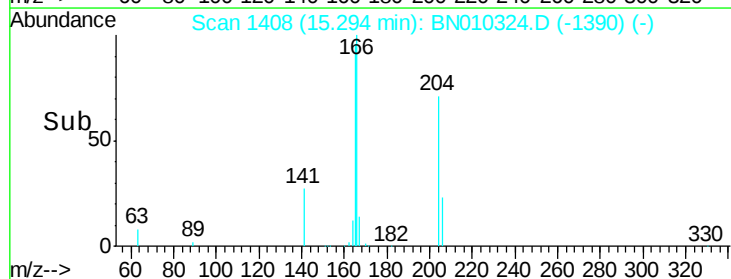
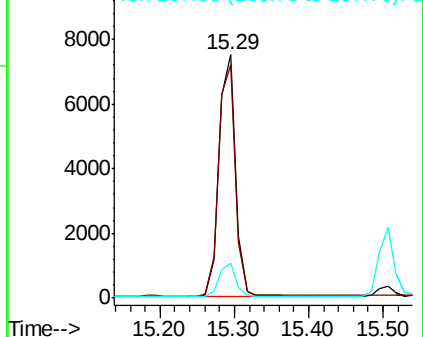
167 13.7 11.0 16.4

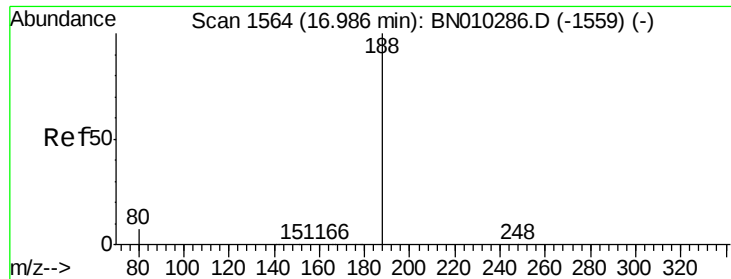


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

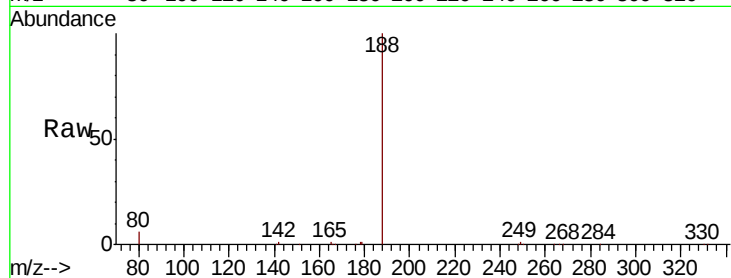
Tot Ion:188 Resp: 19276

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

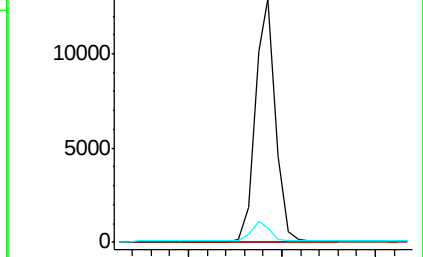
80 6.2 6.0 9.0



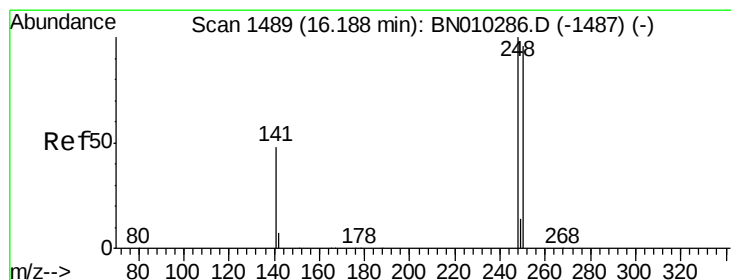
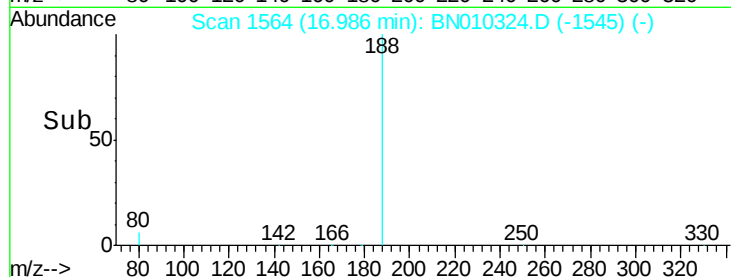
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.345 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

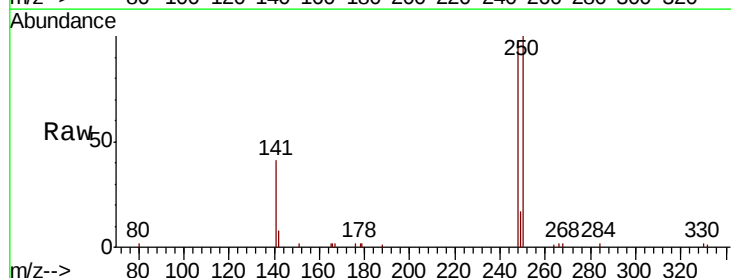
Tgt Ion:248 Resp: 4031

Ion Ratio Lower Upper

248 100

250 102.6 76.8 115.2

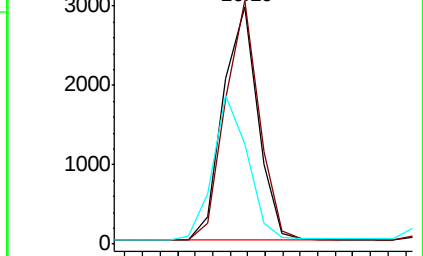
141 42.4 44.4 66.6#



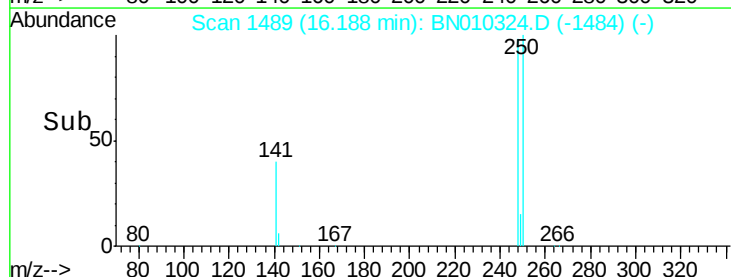
Abundance Ion 248.00 (247.70 to 248.70): E

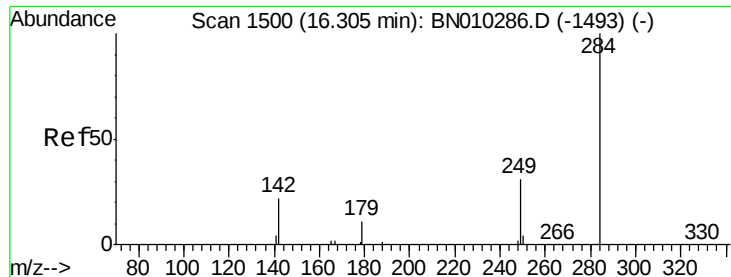
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

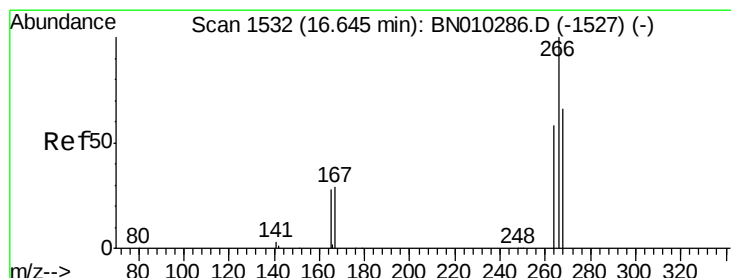
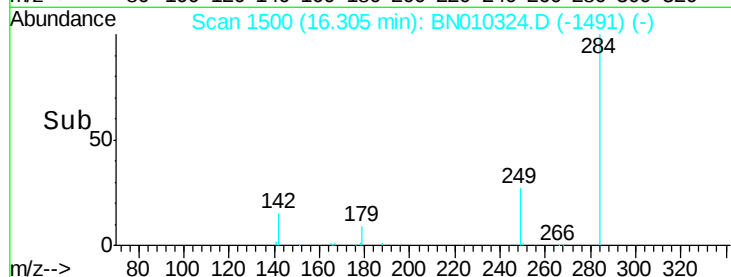
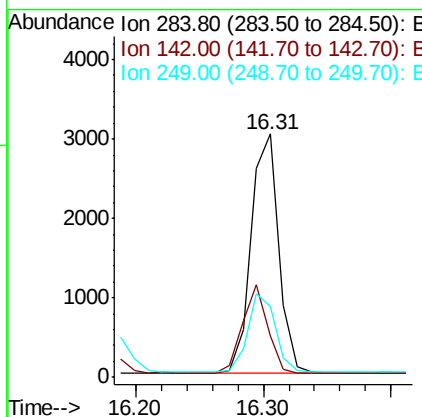
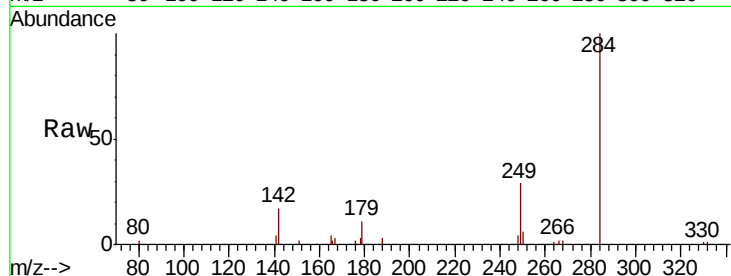




#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

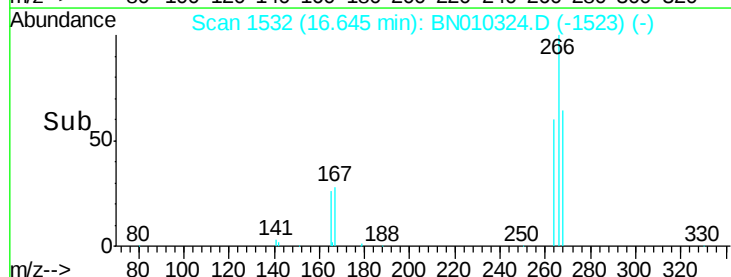
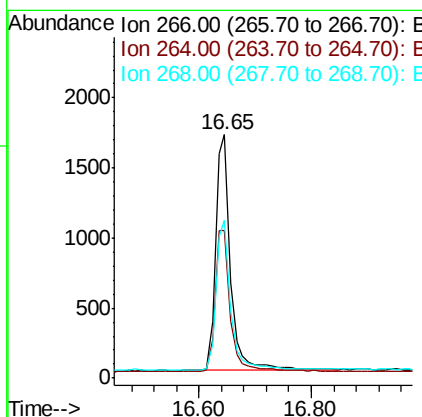
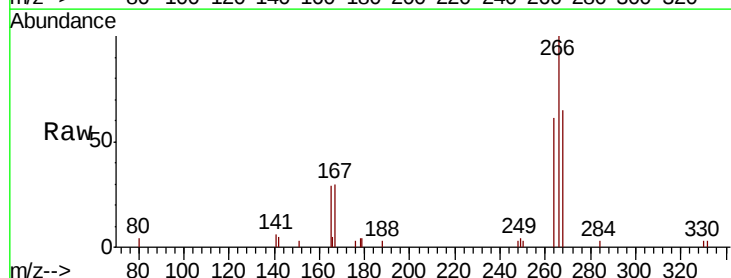
Instrument :
BNA_N
ClientSampleId :
PB127689BL

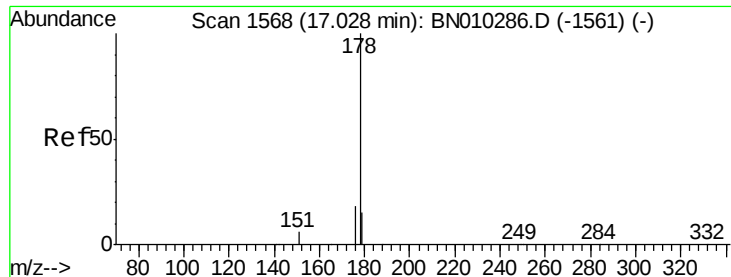
Tot Ion:284 Resp: 4518
Ion Ratio Lower Upper
284 100
142 34.0 27.4 41.2
249 33.5 26.5 39.7



#22
Pentachlorophenol
Concen: 0.754 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

Tgt Ion:266 Resp: 3100
Ion Ratio Lower Upper
266 100
264 60.6 47.7 71.5
268 65.1 54.9 82.3





#23

Phenanthrene

Concen: 0.368 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

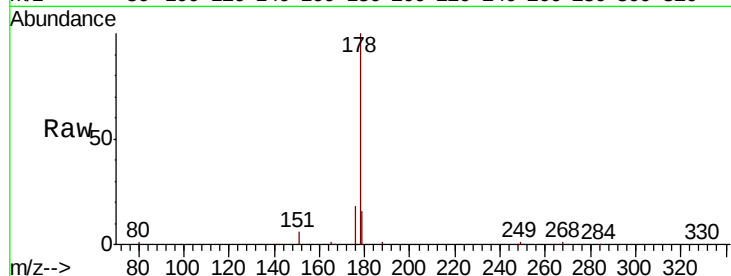
Tot Ion:178 Resp: 19490

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

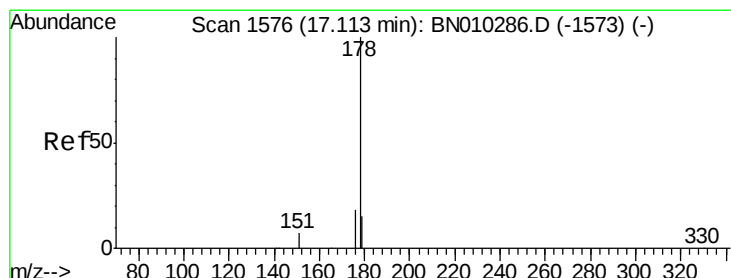
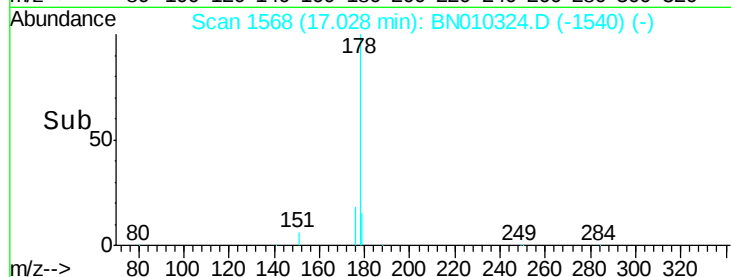
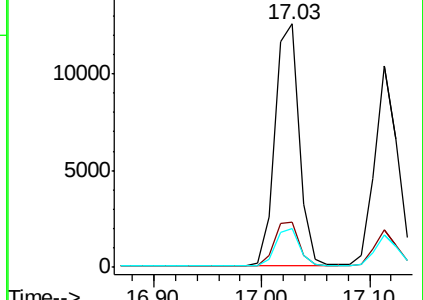
179 15.3 12.4 18.6



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: 0.346 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

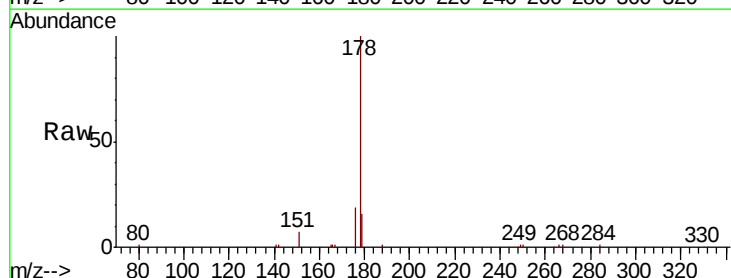
Tgt Ion:178 Resp: 15684

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

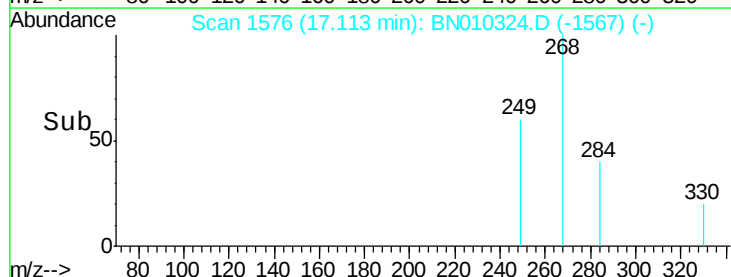
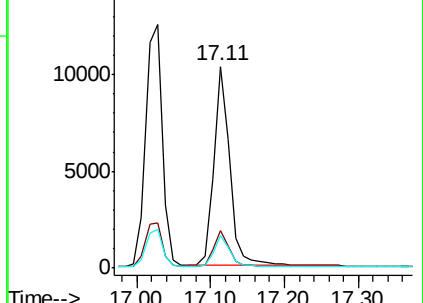
179 15.3 12.3 18.5

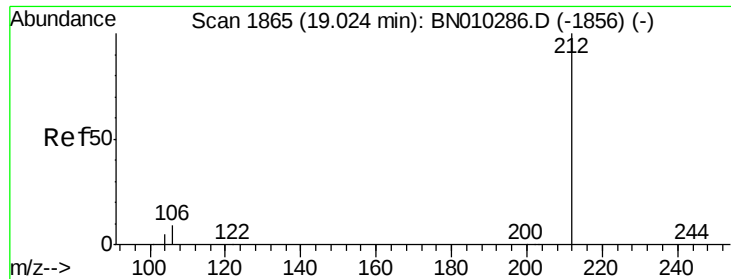


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.270 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

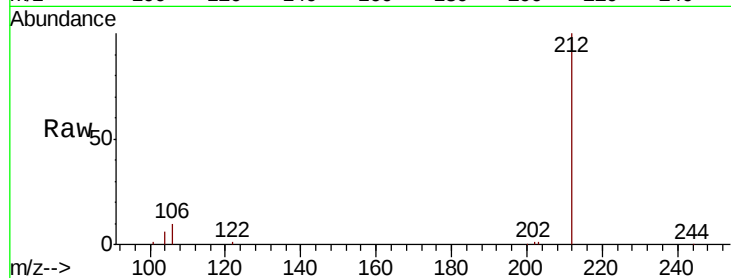
Tot Ion:212 Resp: 15723

Ion Ratio Lower Upper

212 100

106 9.4 7.4 11.2

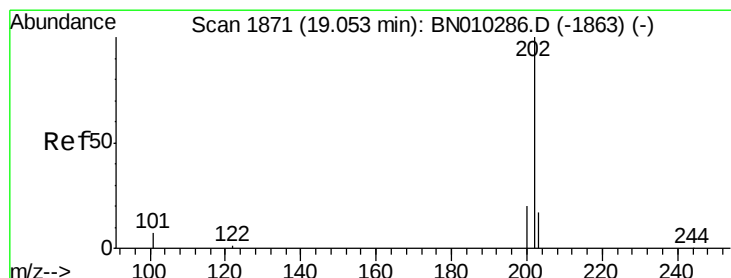
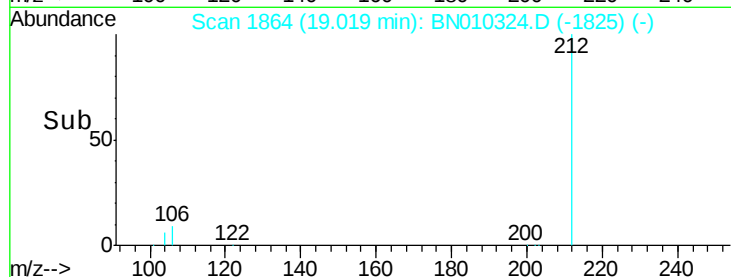
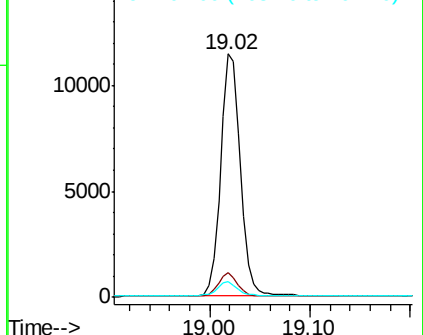
104 5.7 4.2 6.4



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: 0.350 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

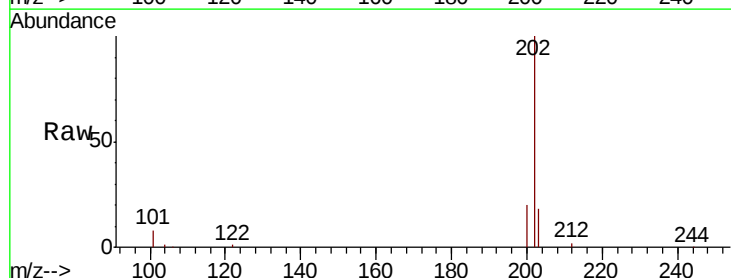
Tgt Ion:202 Resp: 22749

Ion Ratio Lower Upper

202 100

101 8.0 6.6 9.8

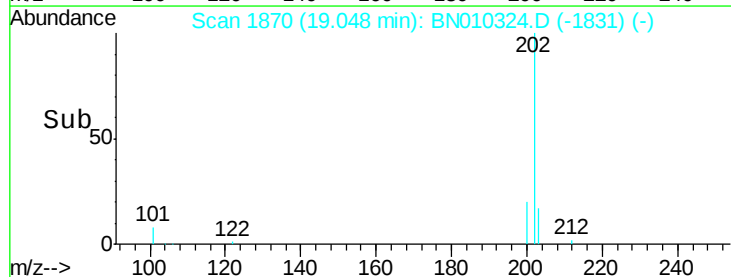
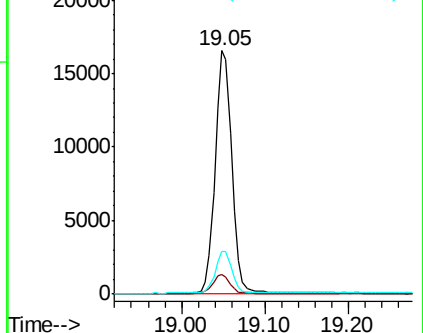
203 17.1 13.8 20.8

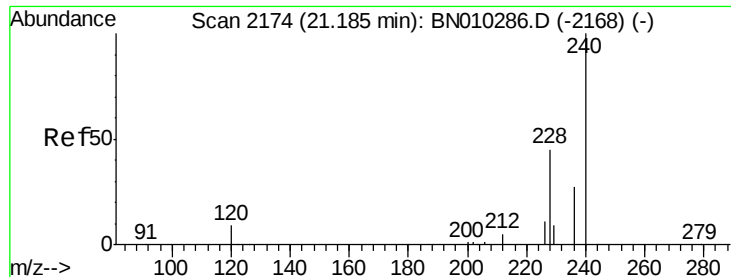


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

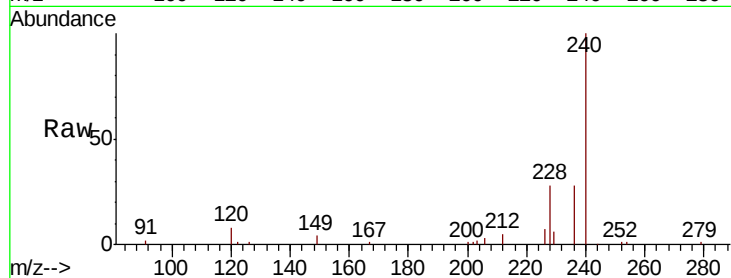




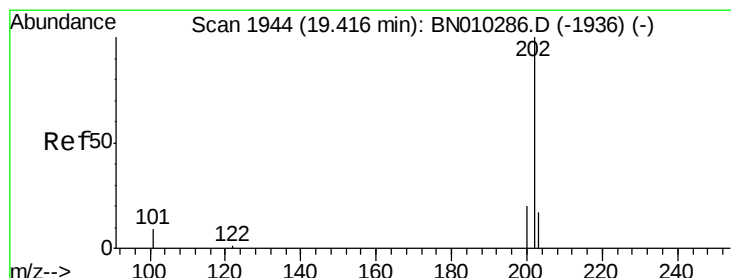
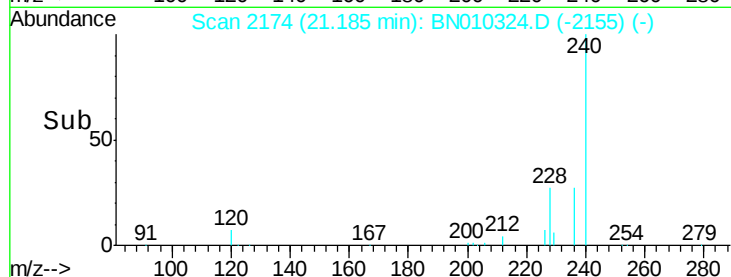
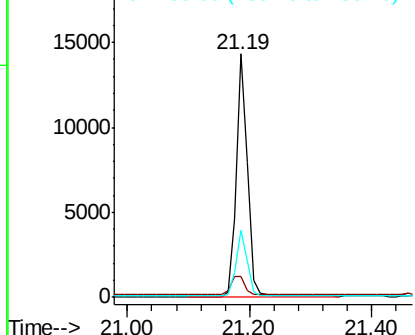
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

Instrument :
BNA_N
ClientSampleId :
PB127689BL

Tot Ion:240 Resp: 18238
Ion Ratio Lower Upper
240 100
120 8.4 7.9 11.9
236 27.6 22.2 33.4

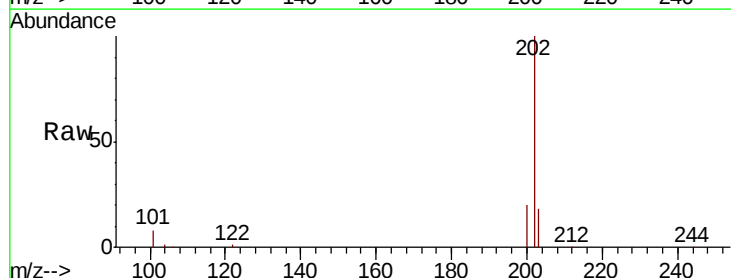


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

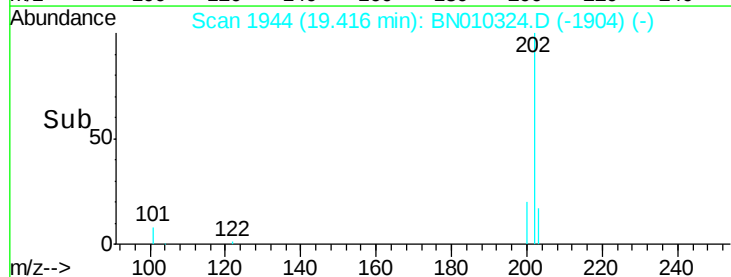
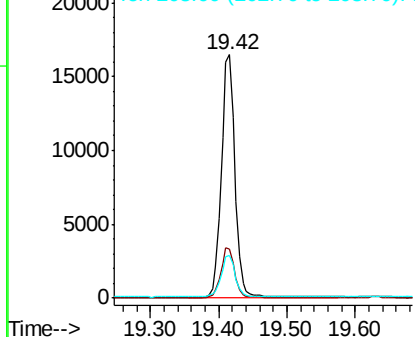


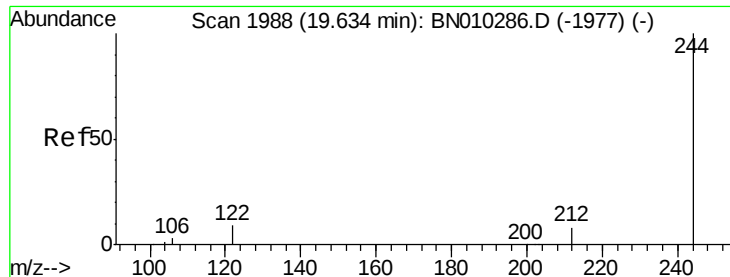
#28
Pyrene
Concen: 0.397 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BN010324.D
Acq: 24 Mar 2020 13:15

Tgt Ion:202 Resp: 22554
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.7 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: 0.511 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

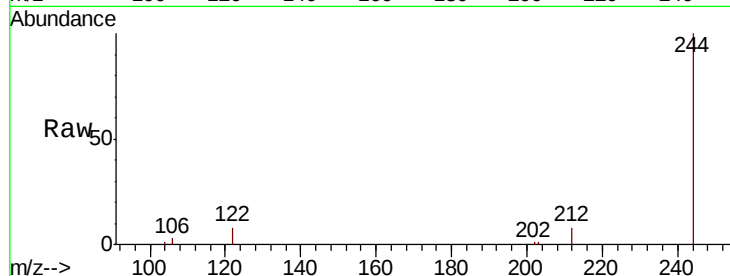
Tot Ion:244 Resp: 20129

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

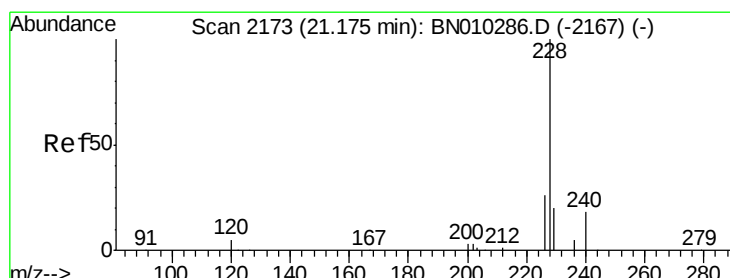
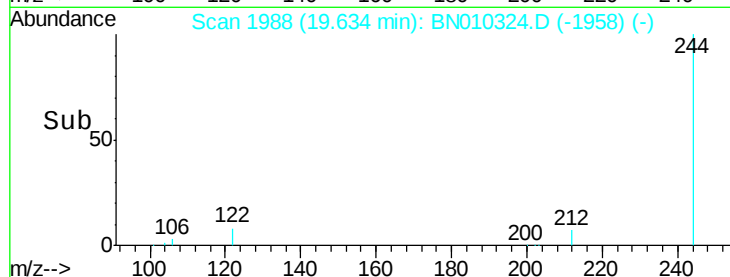
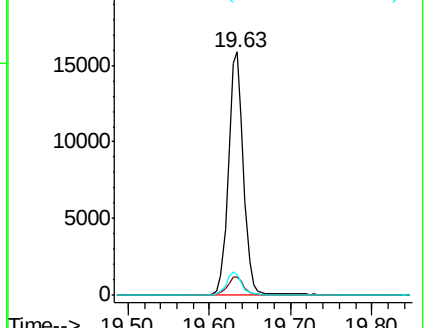
122 8.4 7.6 11.4



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: 0.352 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

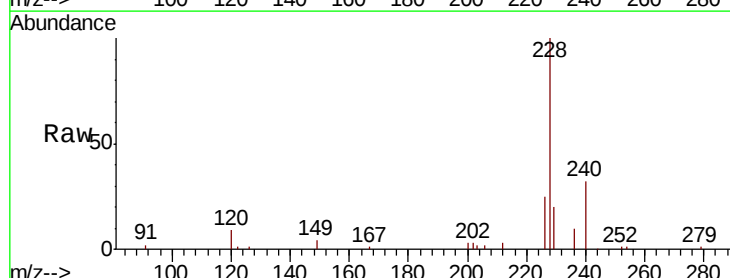
Tgt Ion:228 Resp: 20419

Ion Ratio Lower Upper

228 100

226 25.5 21.0 31.4

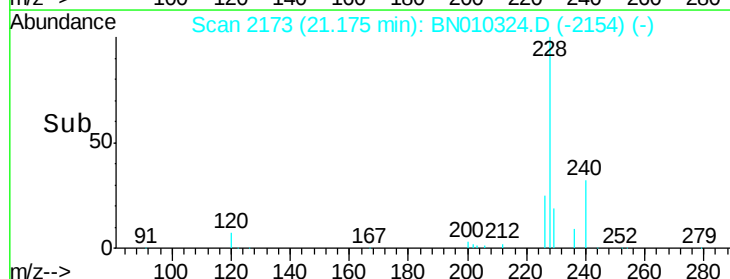
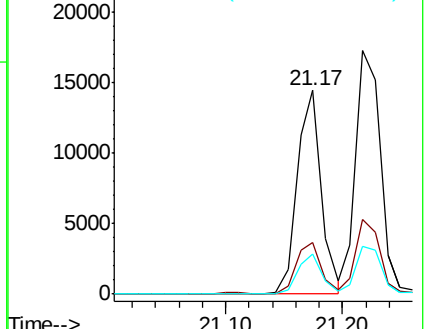
229 19.8 16.0 24.0

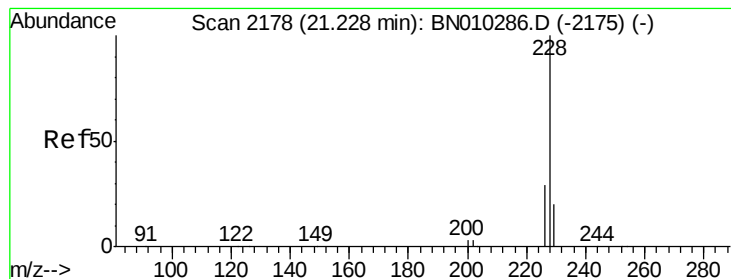


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.399 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

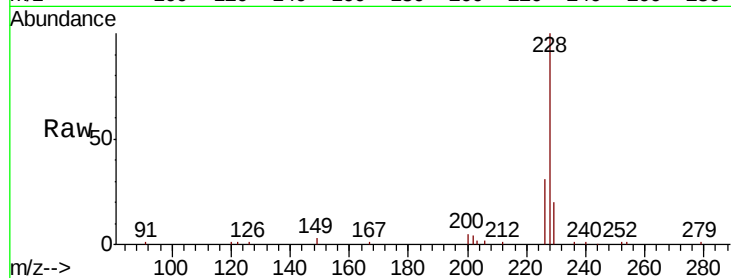
Tot Ion:228 Resp: 24850

Ion Ratio Lower Upper

228 100

226 30.6 23.0 34.6

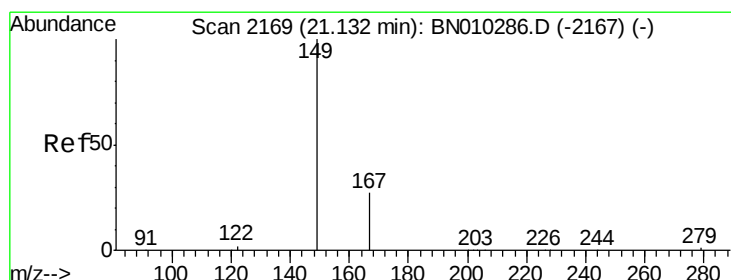
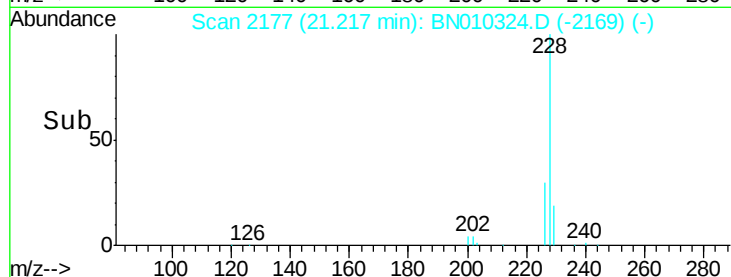
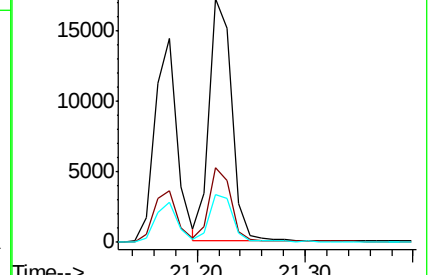
229 19.6 16.0 24.0



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: 0.263 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

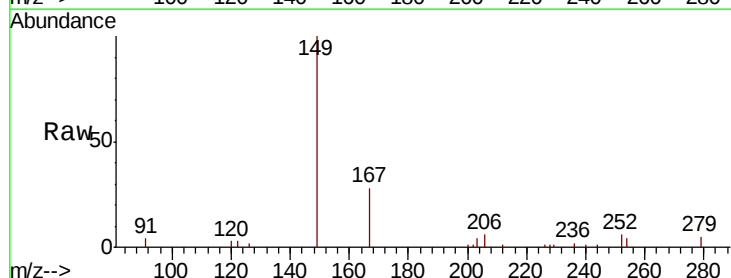
Tgt Ion:149 Resp: 5157

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

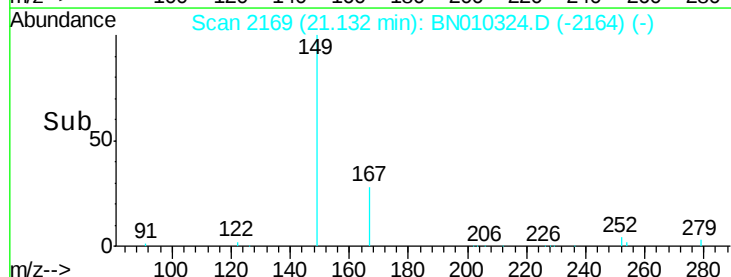
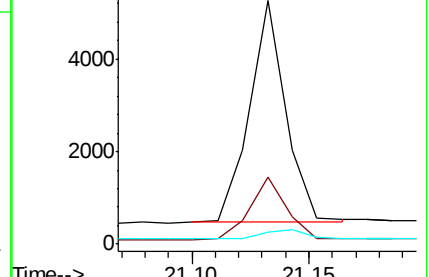
279 5.0 3.8 5.8

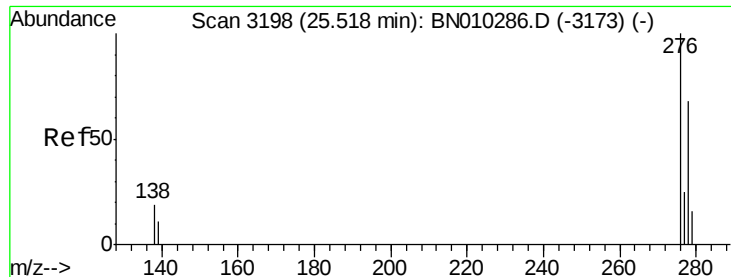


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.396 ng

RT: 25.51 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

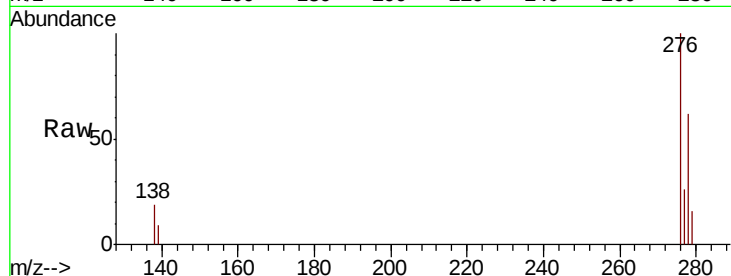
Tot Ion:276 Resp: 26440

Ion Ratio Lower Upper

276 100

138 18.7 15.6 23.4

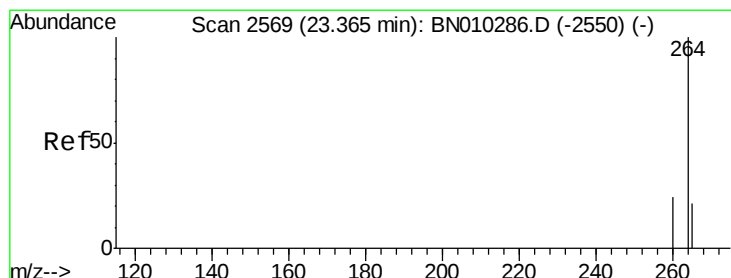
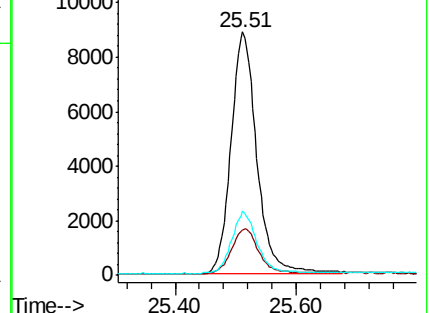
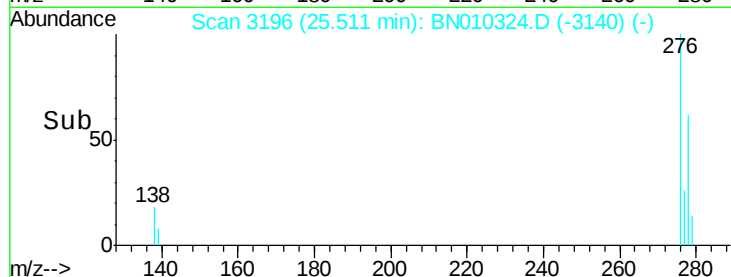
277 25.2 20.1 30.1



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# 2568

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

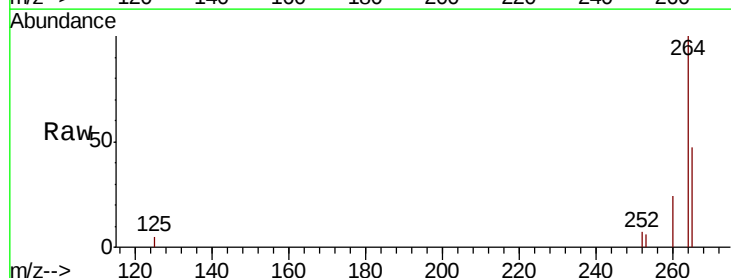
Tgt Ion:264 Resp: 17328

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

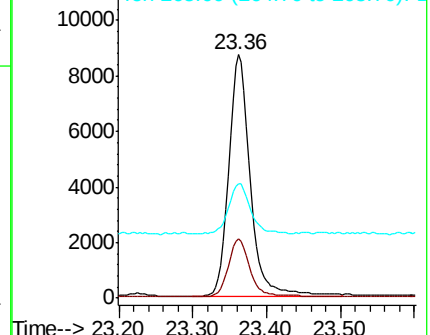
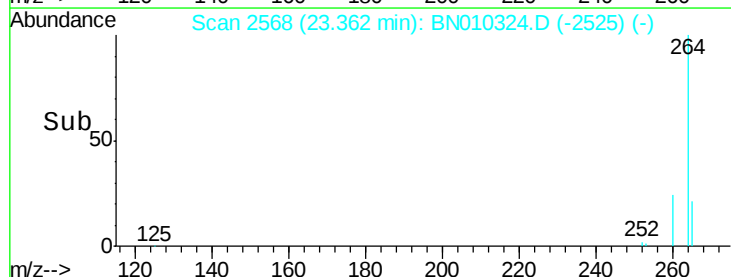
265 47.2 32.4 48.6

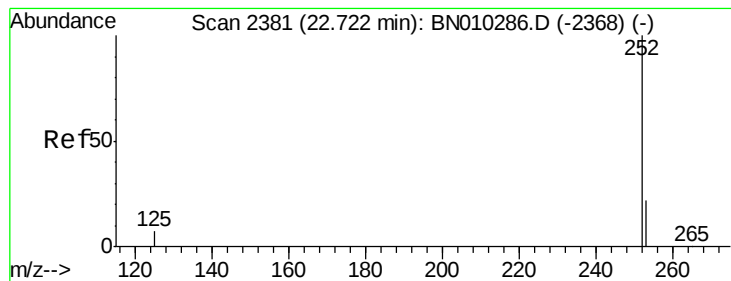


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 22.72 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

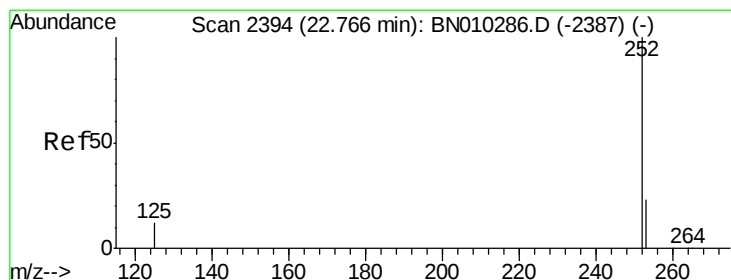
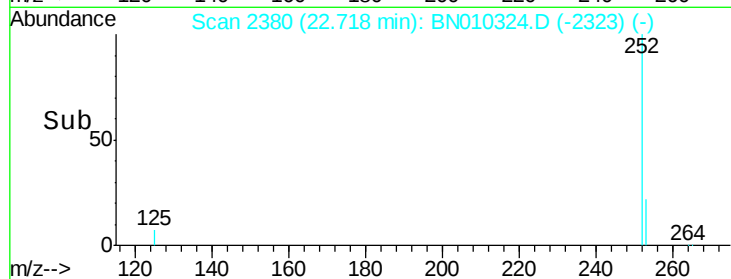
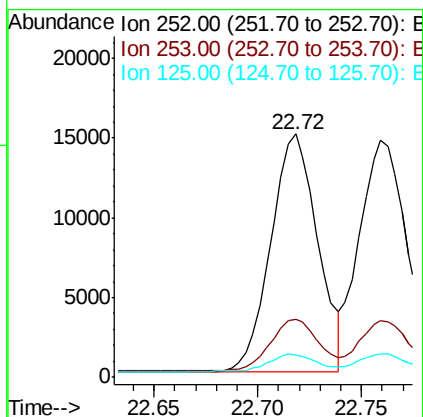
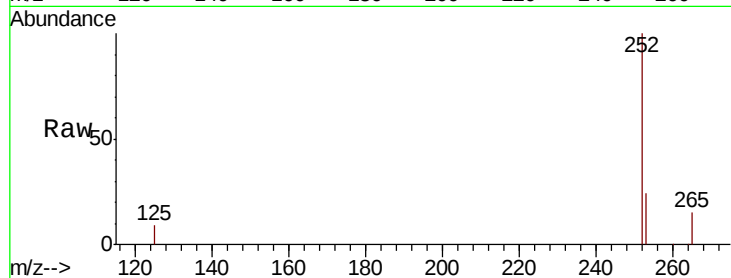
Tot Ion:252 Resp: 23365

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

125 9.4 7.4 11.0



#36

Benzo(k)fluoranthene

Concen: 0.403 ng

RT: 22.76 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

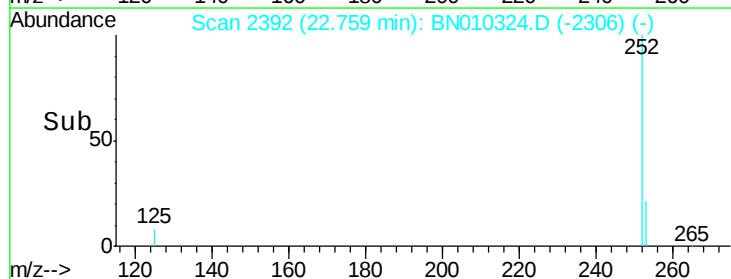
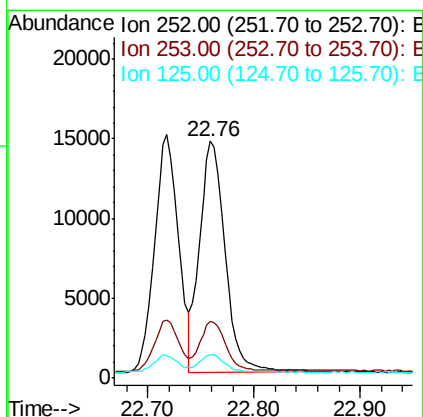
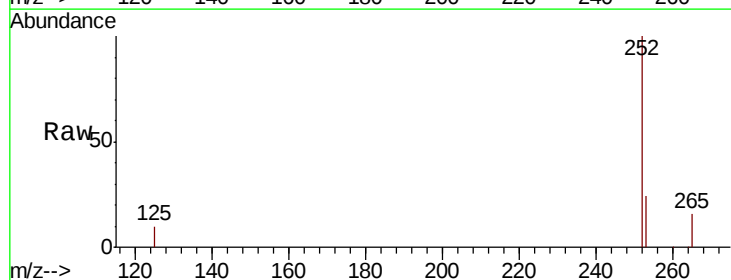
Tgt Ion:252 Resp: 24163

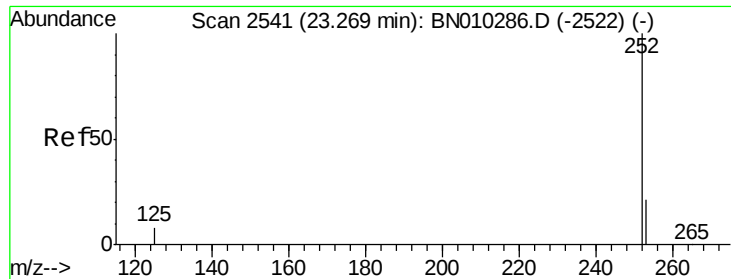
Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.0

125 9.9 10.2 15.2#





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

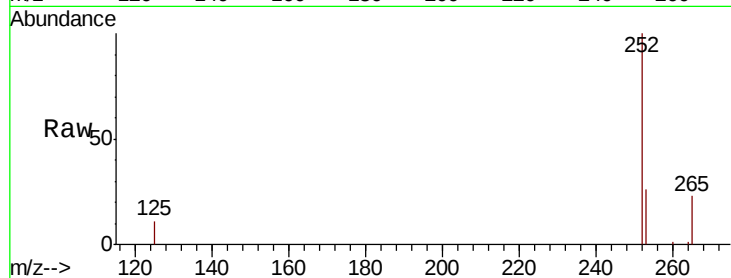
Tot Ion:252 Resp: 19786

Ion Ratio Lower Upper

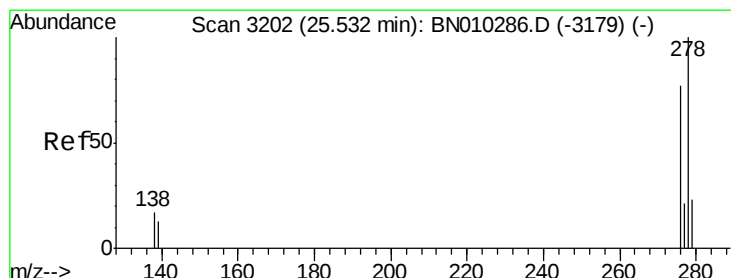
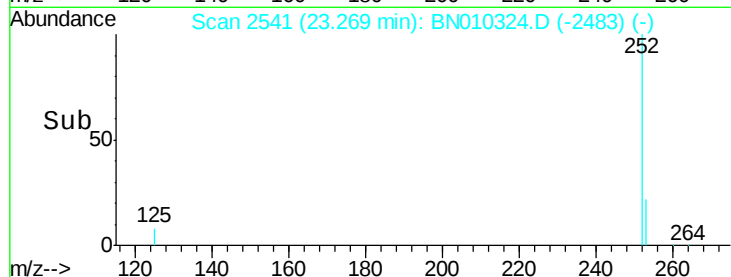
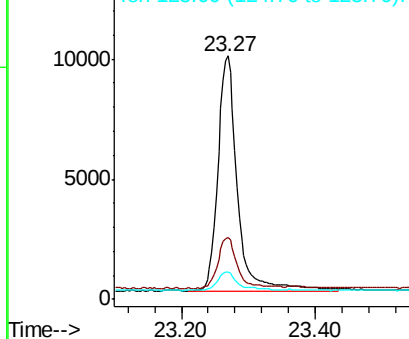
252 100

253 25.5 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: 0.410 ng

RT: 25.52 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

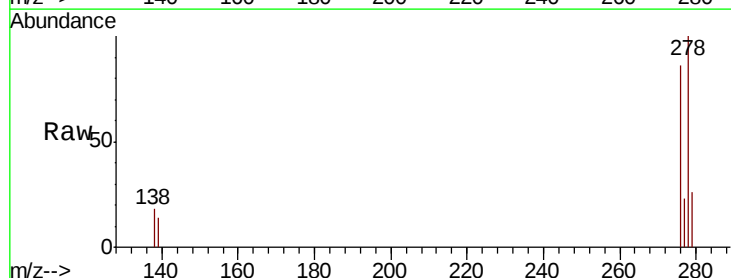
Tgt Ion:278 Resp: 22044

Ion Ratio Lower Upper

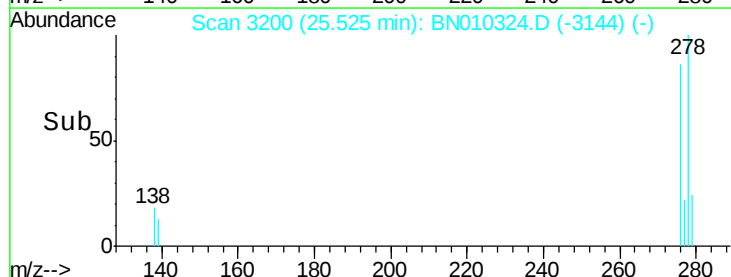
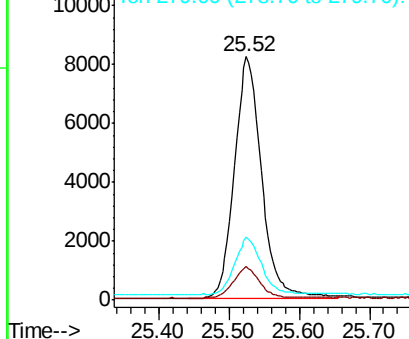
278 100

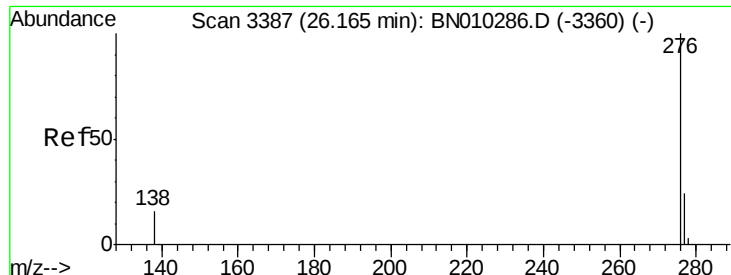
139 13.7 10.6 16.0

279 25.8 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: 0.443 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BN010324.D

Acq: 24 Mar 2020 13:15

Instrument :

BNA_N

ClientSampleId :

PB127689BL

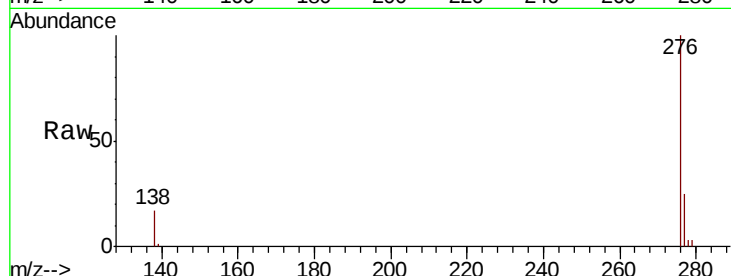
Tot Ion: 276 Resp: 23965

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 17.1 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

