

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010325.D
 Acq On : 24 Mar 2020 14:27
 Operator : CG/JU
 Sample : PB127689BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127724BS

Quant Time: Mar 24 15:03:03 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	7.62	152	4567	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15061	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8152	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18502	0.40	ng	0.00
27) Chrysene-d12	21.19	240	17787	0.40	ng	0.00
34) Perylene-d12	23.35	264	17086	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3039	0.34	ng	0.00
5) Phenol-d6	6.80	99	3680	0.33	ng	0.00
8) Nitrobenzene-d5	8.74	82	5210	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9691	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	891	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	19038	0.61	ng	0.00
25) Fluoranthene-d10	19.02	212	15322	0.27	ng	0.00
29) Terphenyl-d14	19.63	244	19763	0.51	ng	0.00

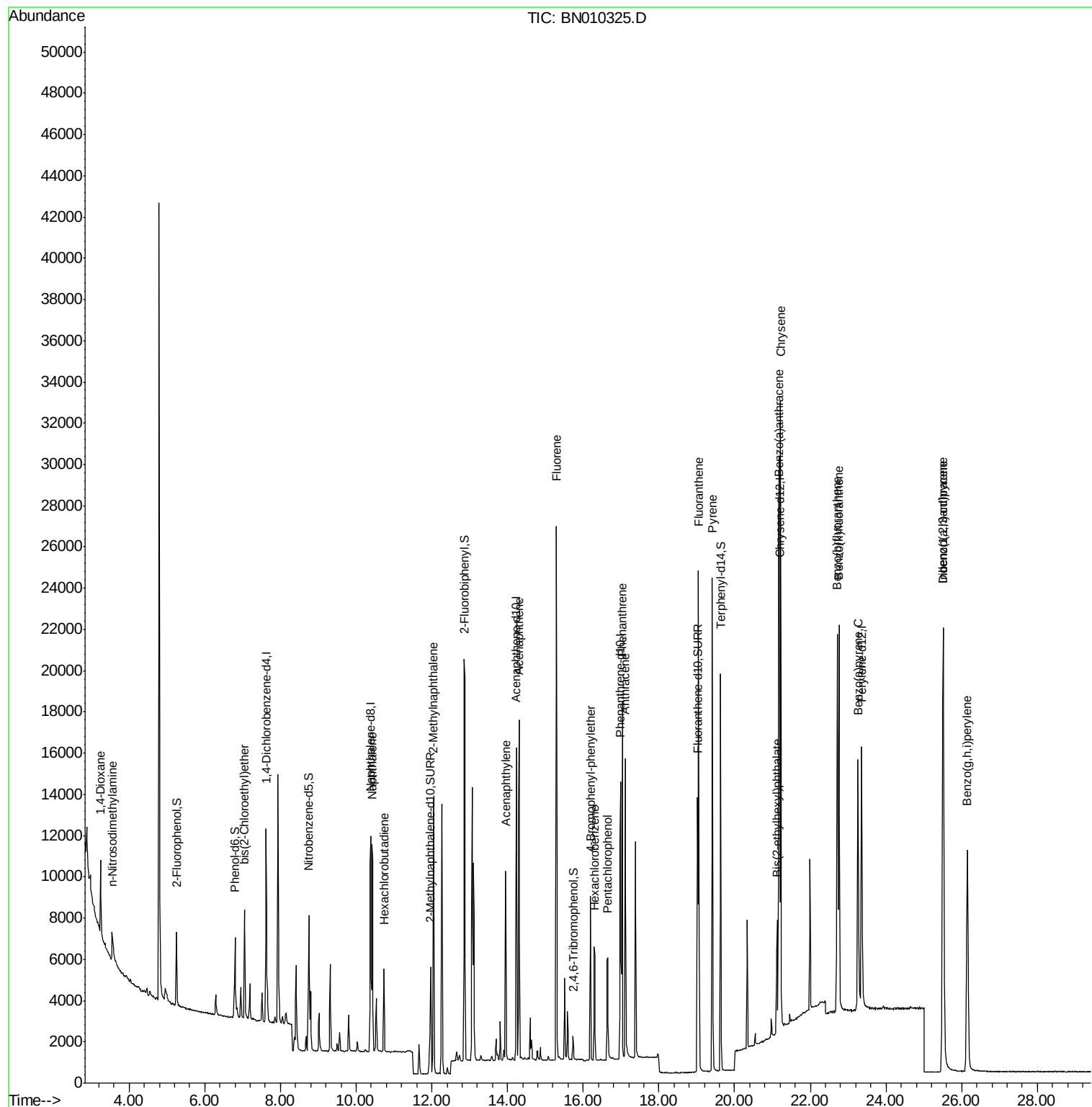
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	2153	0.502	ng	# 84
3) n-Nitrosodimethylamine	3.55	42	1341	0.370	ng	# 94
6) bis(2-Chloroethyl)ether	7.05	93	4100	0.380	ng	98
9) Naphthalene	10.42	128	14208	0.378	ng	99
10) Hexachlorobutadiene	10.73	225	3452	0.379	ng	# 98
12) 2-Methylnaphthalene	12.04	142	9465	0.364	ng	98
16) Acenaphthylene	13.96	152	11594	0.362	ng	99
17) Acenaphthene	14.30	154	8297	0.364	ng	97
18) Fluorene	15.29	166	10954	0.362	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	3877	0.345	ng	92
21) Hexachlorobenzene	16.31	284	4418	0.383	ng	100
22) Pentachlorophenol	16.65	266	3045	0.772	ng	97
23) Phenanthrene	17.03	178	18973	0.373	ng	100
24) Anthracene	17.11	178	15329	0.353	ng	99
26) Fluoranthene	19.05	202	22081	0.354	ng	100
28) Pyrene	19.41	202	21972	0.397	ng	100
30) Benzo(a)anthracene	21.16	228	20059	0.354	ng	98
31) Chrysene	21.22	228	23828	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5265	0.275	ng	98
33) Indeno(1,2,3-cd)pyrene	25.50	276	25985	0.399	ng	99
35) Benzo(b)fluoranthene	22.71	252	22798	0.393	ng	98
36) Benzo(k)fluoranthene	22.75	252	23628	0.400	ng	# 97
37) Benzo(a)pyrene	23.26	252	18561	0.379	ng	98
38) Dibenzo(a,h)anthracene	25.51	278	21789	0.411	ng	98
39) Benzo(g,h,i)perylene	26.15	276	23336	0.438	ng	100

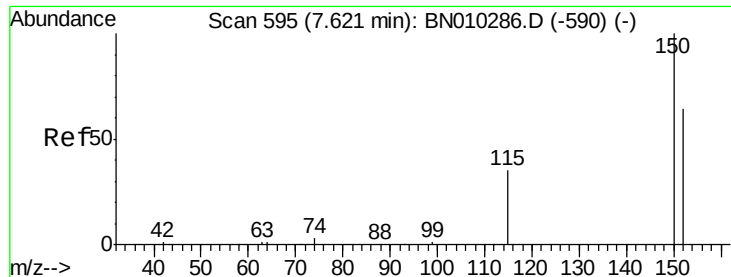
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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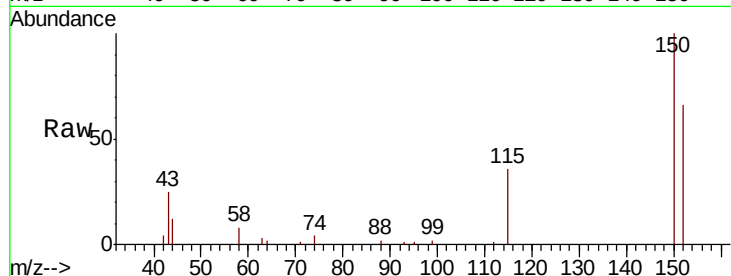


#1

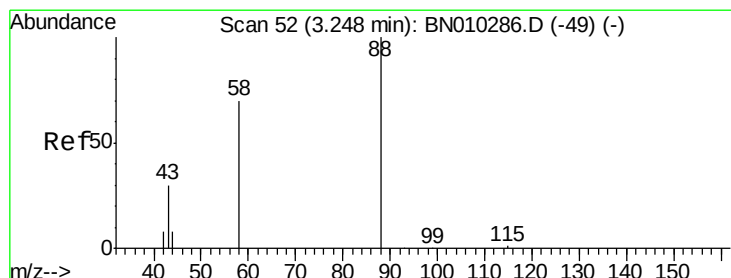
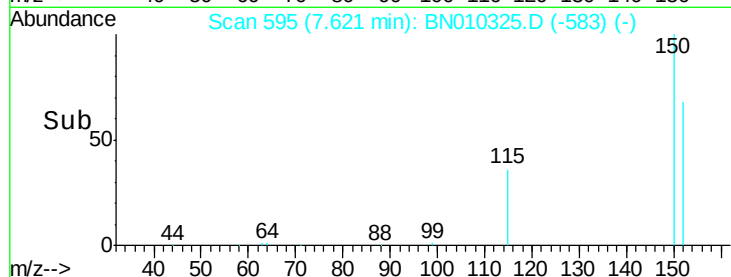
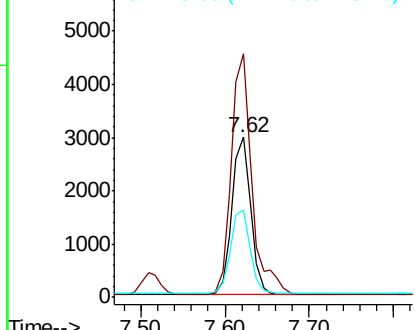
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tot Ion:152 Resp: 4567
Ion Ratio Lower Upper
152 100
150 152.2 123.1 184.7
115 54.7 45.2 67.8



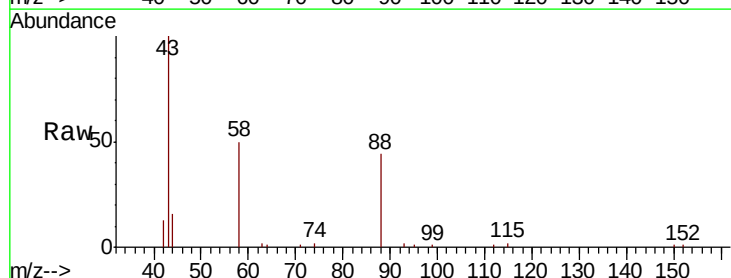
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



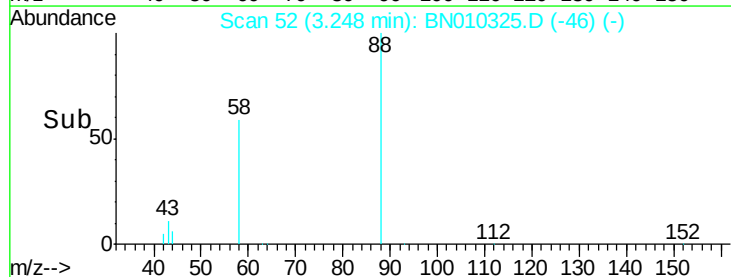
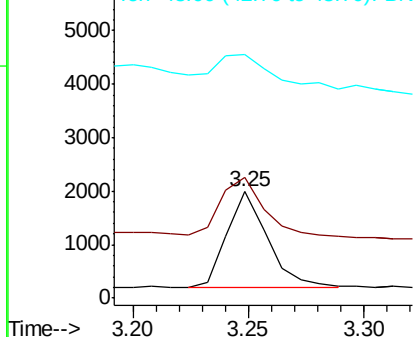
#2

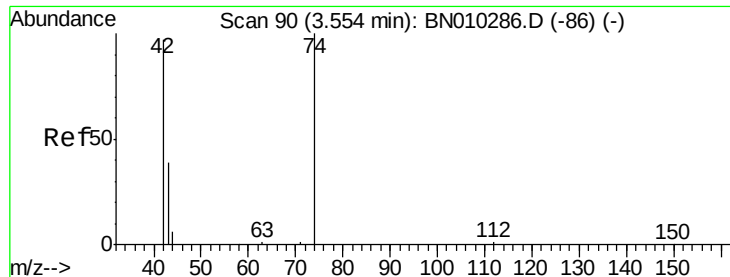
1,4-Dioxane
Concen: 0.502 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion: 88 Resp: 2153
Ion Ratio Lower Upper
88 100
58 66.5 51.7 77.5
43 52.7 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



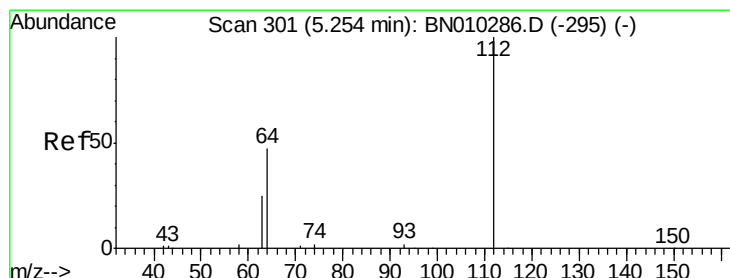
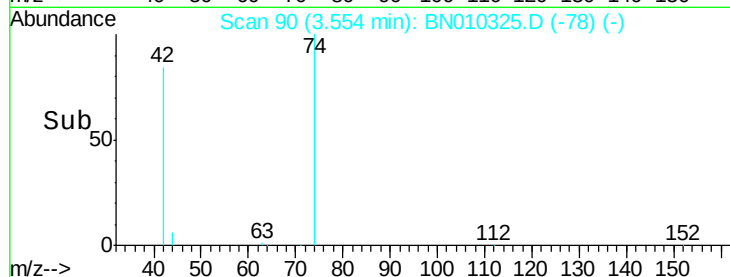
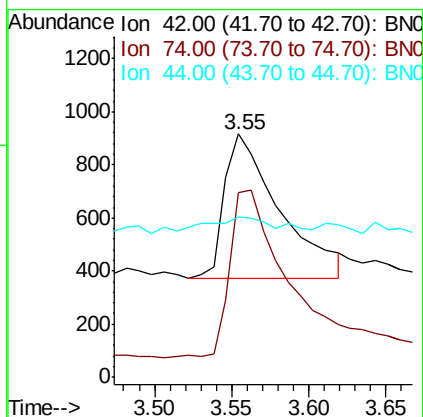
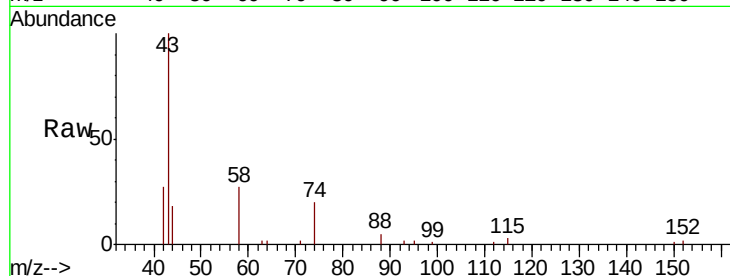


#3

n-Nitrosodimethylamine
 Concen: 0.370 ng
 RT: 3.55 min Scan# 90
 Delta R.T. -0.00 min
 Lab File: BN010325.D
 Acq: 24 Mar 2020 14:27

Instrument :
 BNA_N
 ClientSampleId :
 PB127724BS

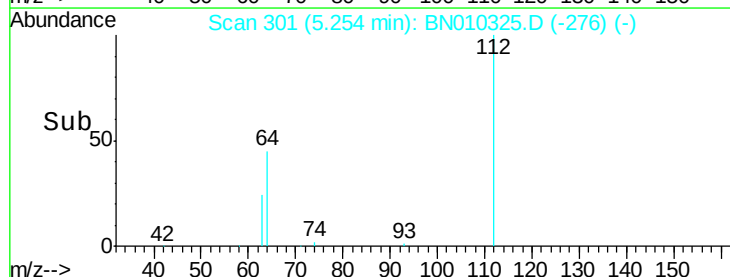
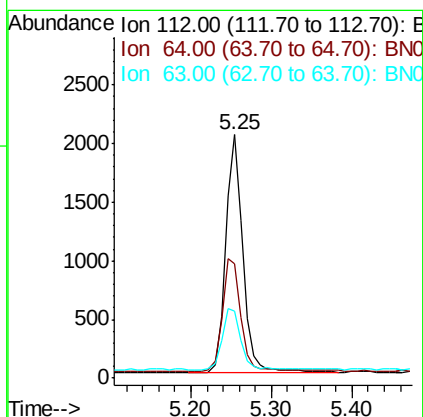
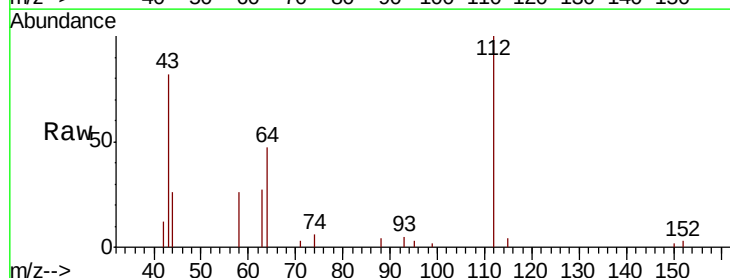
Tot Ion: 42 Resp: 1341
 Ion Ratio Lower Upper
 42 100
 74 118.4 99.4 149.0
 44 16.1 4.8 7.2#

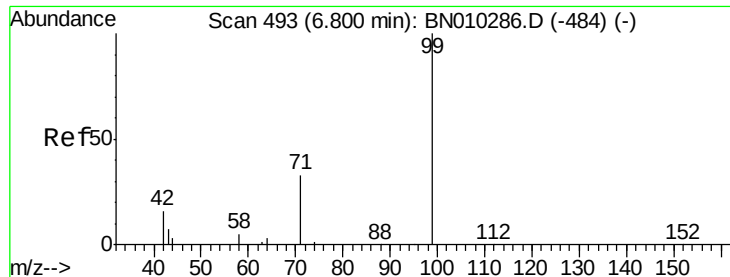


#4

2-Fluorophenol
 Concen: 0.336 ng
 RT: 5.25 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BN010325.D
 Acq: 24 Mar 2020 14:27

Tgt Ion: 112 Resp: 3039
 Ion Ratio Lower Upper
 112 100
 64 52.6 41.4 62.2
 63 28.0 22.9 34.3





#5

Phenol-d6

Concen: 0.327 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

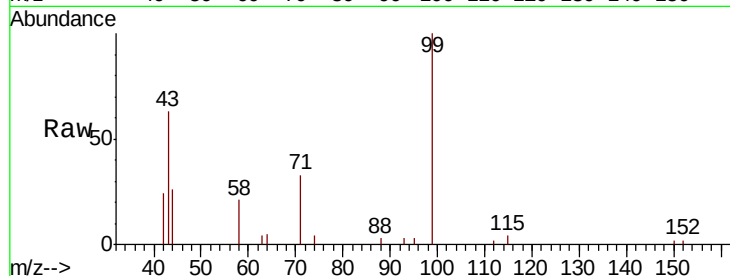
Tot Ion: 99 Resp: 3680

Ion Ratio Lower Upper

99 100

42 20.8 14.8 22.2

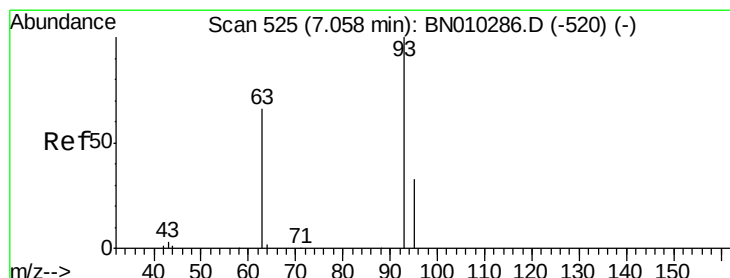
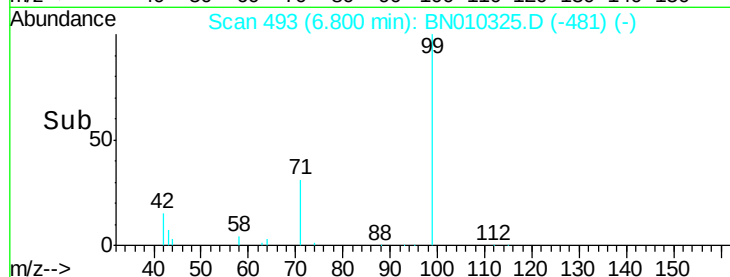
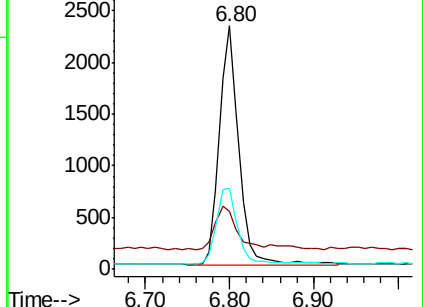
71 34.2 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010325.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN010325.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN010325.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.380 ng

RT: 7.05 min Scan# 524

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

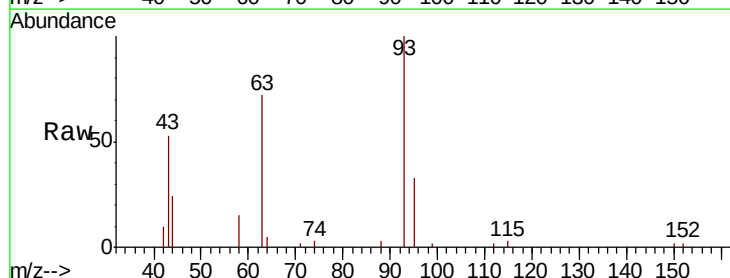
Tgt Ion: 93 Resp: 4100

Ion Ratio Lower Upper

93 100

63 67.7 55.6 83.4

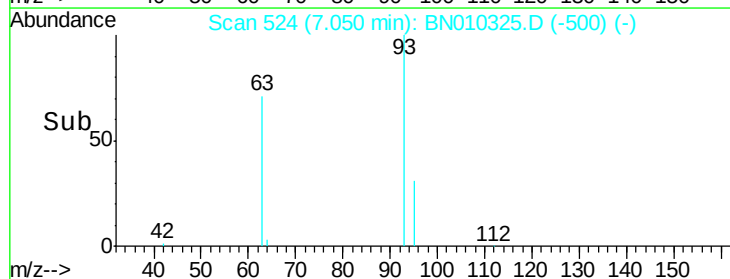
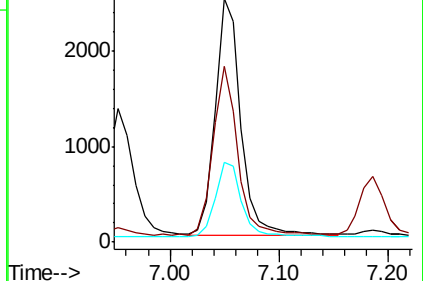
95 32.6 26.2 39.4

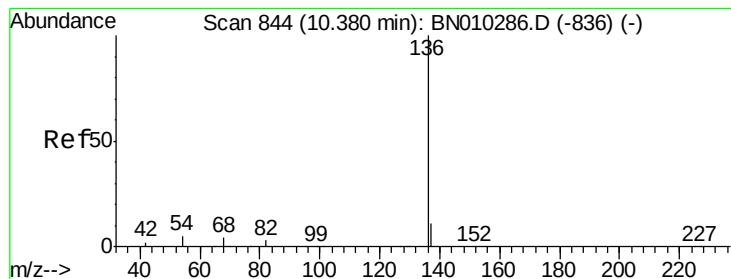


Abundance Ion 93.00 (92.70 to 93.70): BN010325.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010325.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010325.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

Tot Ion:136 Resp: 15061

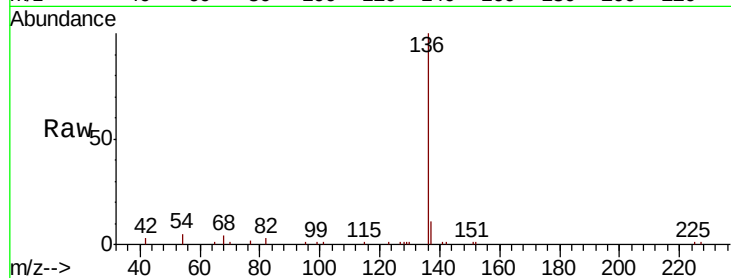
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 4.8 4.8 7.2#

68 4.1 4.1 6.1

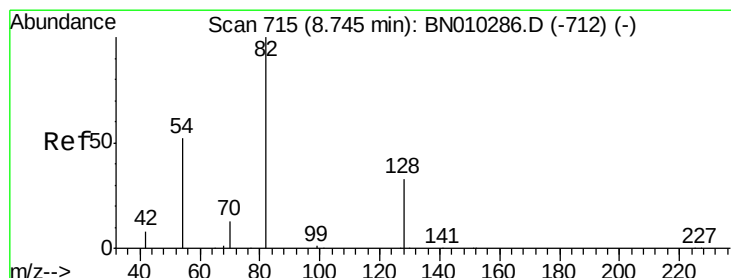
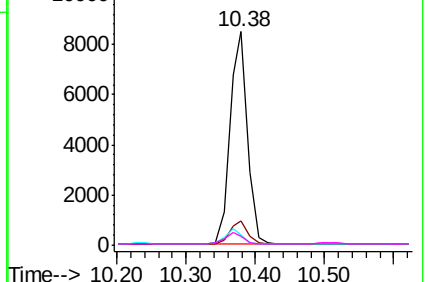
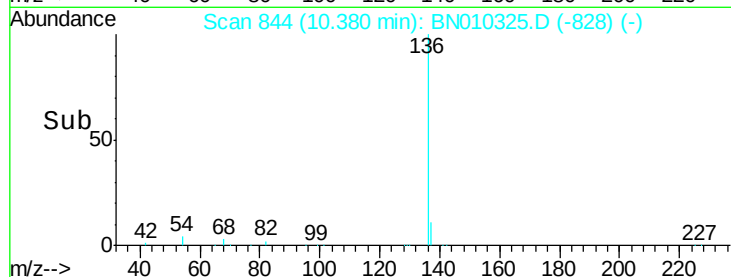


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.540 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

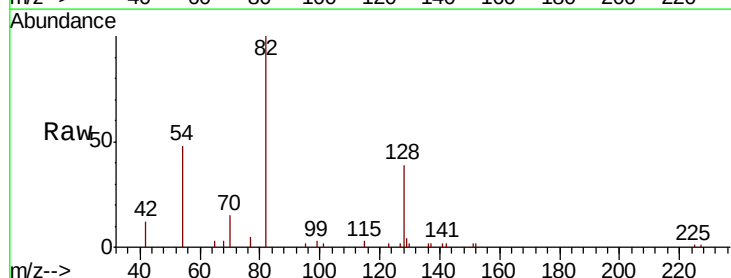
Tgt Ion: 82 Resp: 5210

Ion Ratio Lower Upper

82 100

128 39.1 28.8 43.2

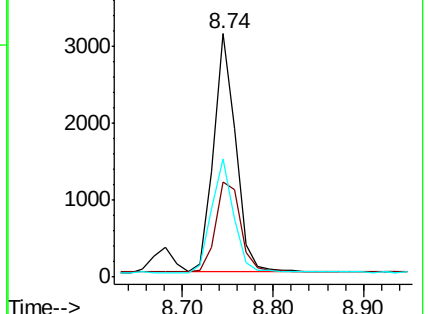
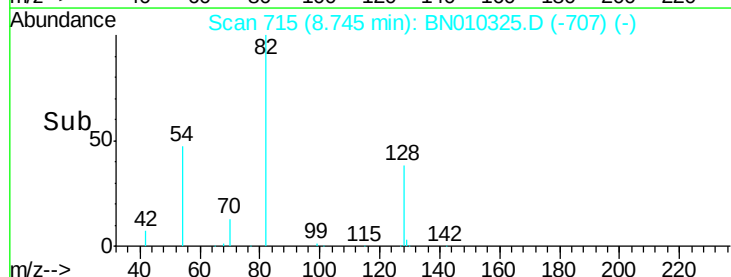
54 48.3 42.1 63.1

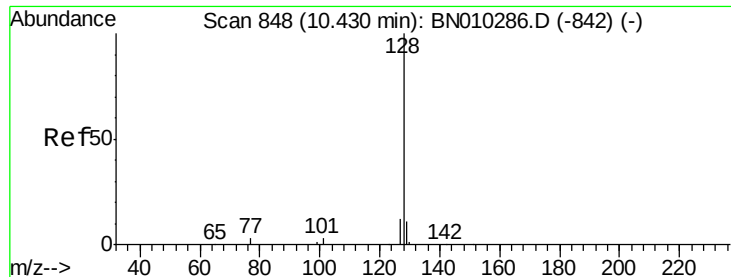


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.378 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

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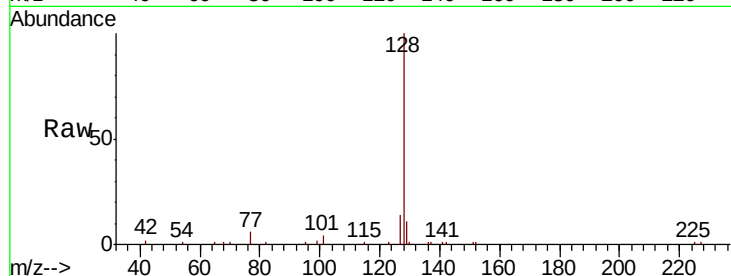
Tot Ion:128 Resp: 14208

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

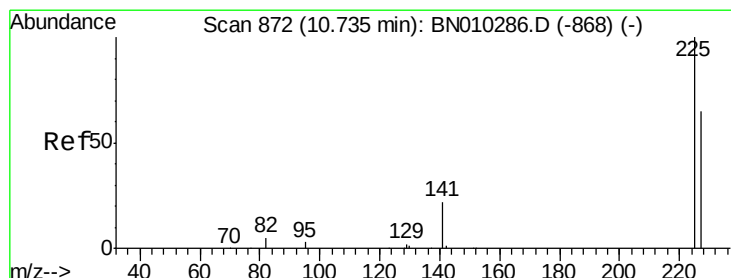
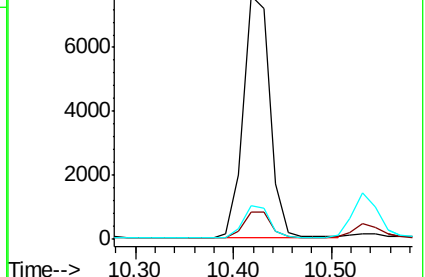
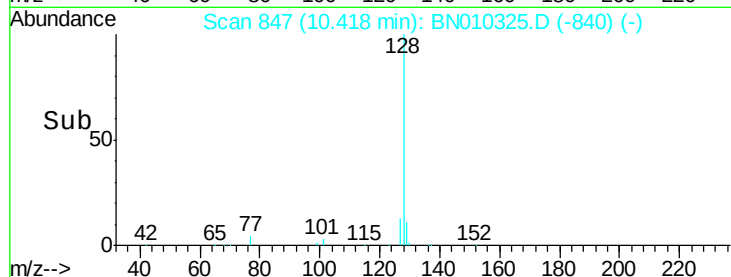
127 14.0 10.4 15.6



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: 0.379 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

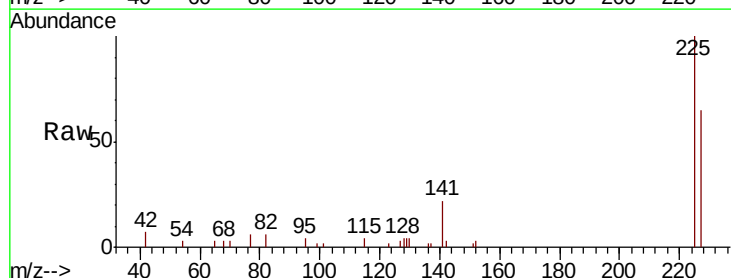
Tgt Ion:225 Resp: 3452

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

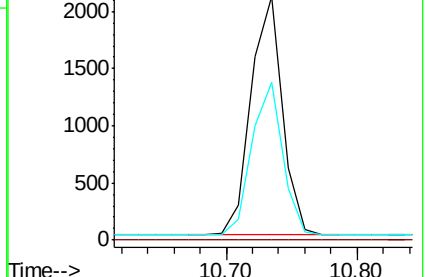
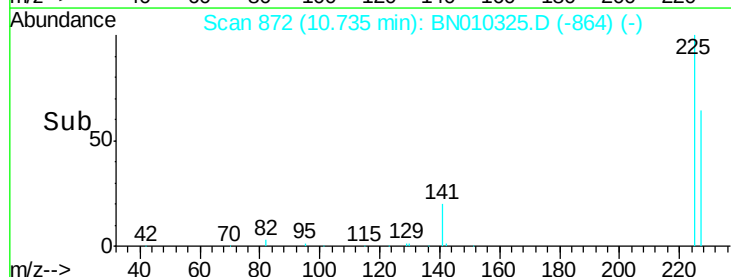
227 63.1 51.9 77.9

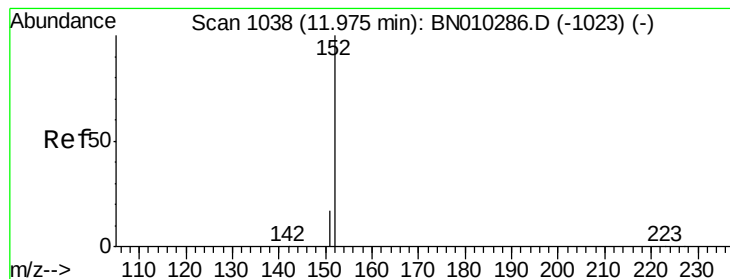


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

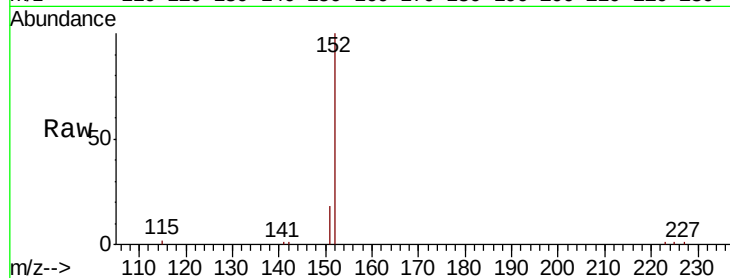
PB127724BS

Tot Ion:152 Resp: 9691

Ion Ratio Lower Upper

152 100

151 14.0 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.97

5000

4000

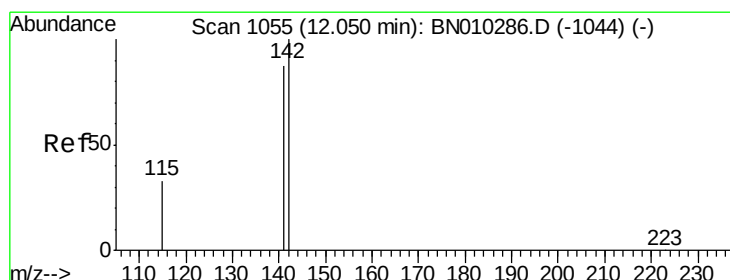
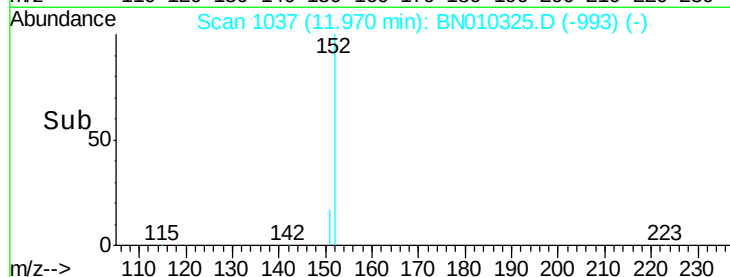
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.364 ng

RT: 12.04 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

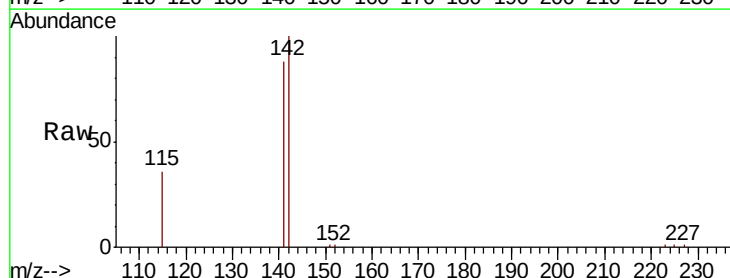
Tgt Ion:142 Resp: 9465

Ion Ratio Lower Upper

142 100

141 88.0 69.5 104.3

115 36.0 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.04

8000

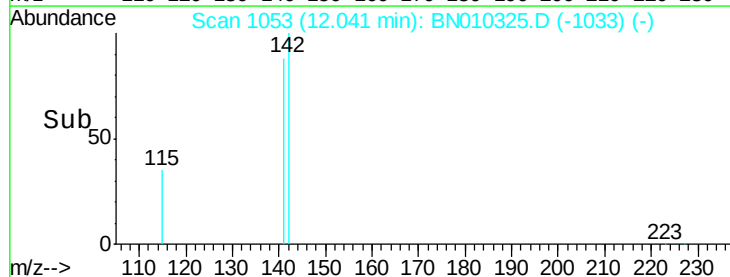
6000

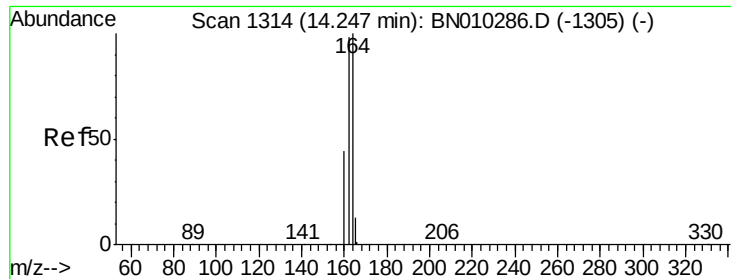
4000

2000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

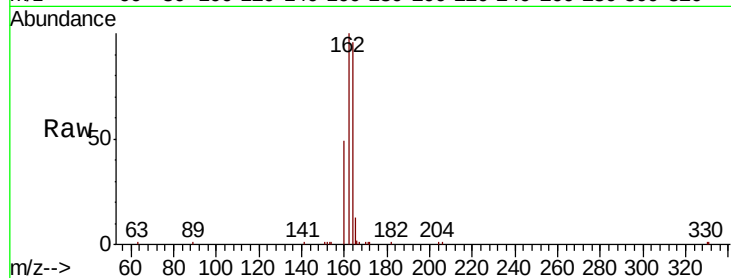
Tot Ion:164 Resp: 8152

Ion Ratio Lower Upper

164 100

162 103.9 78.2 117.2

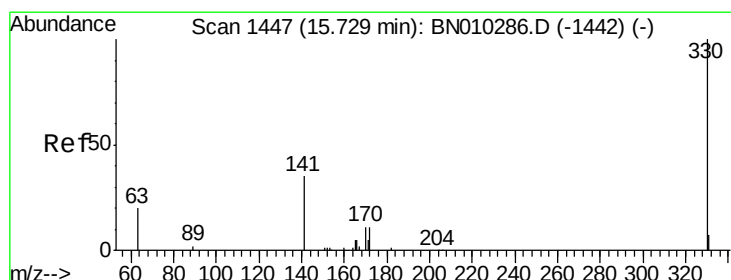
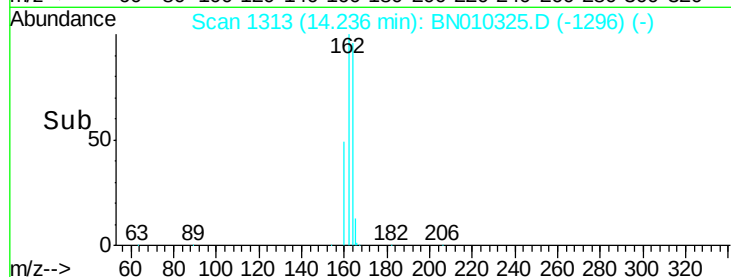
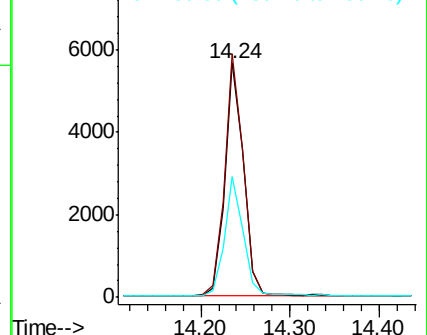
160 51.3 35.8 53.6



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: 0.284 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

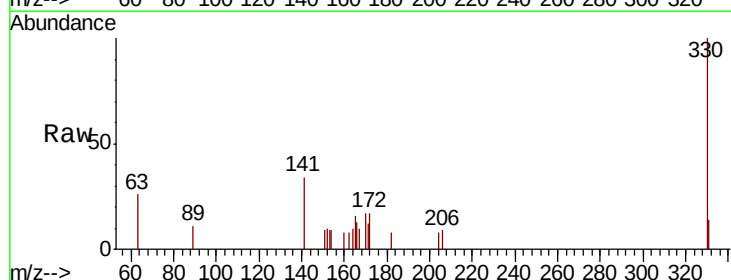
Tgt Ion:330 Resp: 891

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

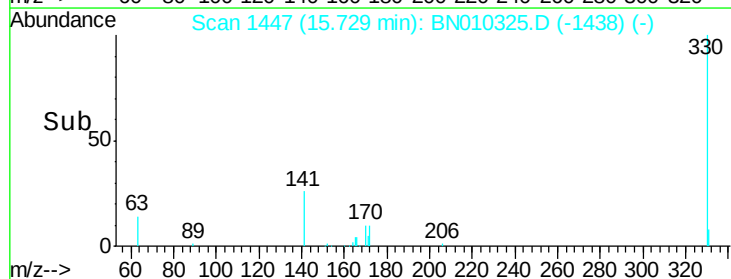
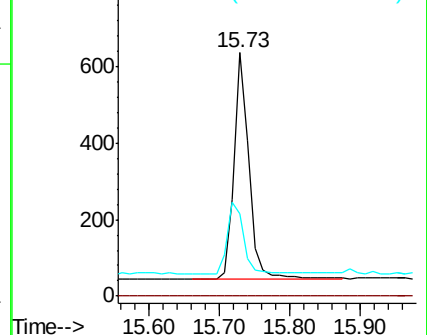
141 34.9 29.3 43.9

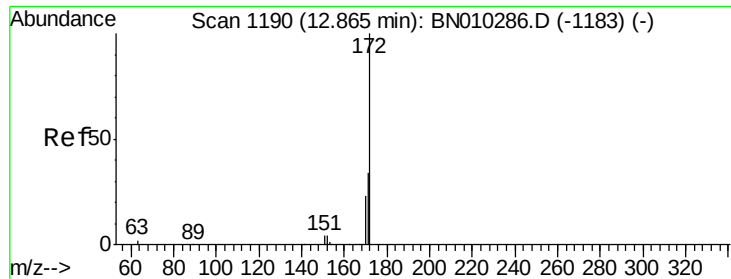


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

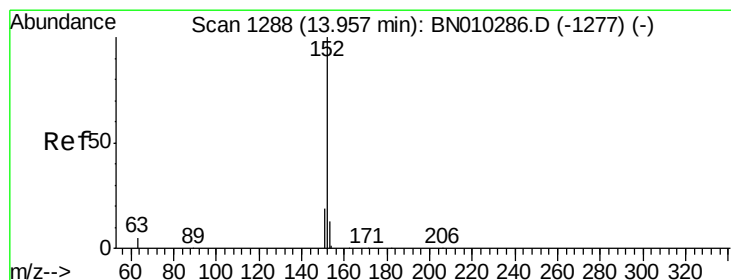
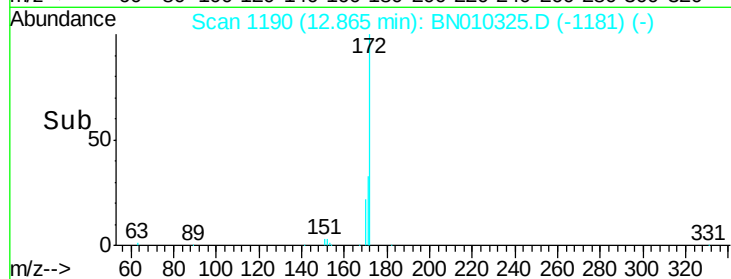
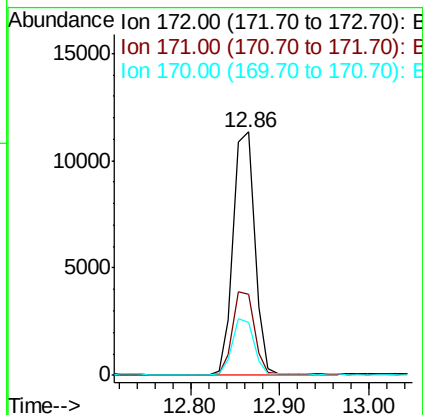
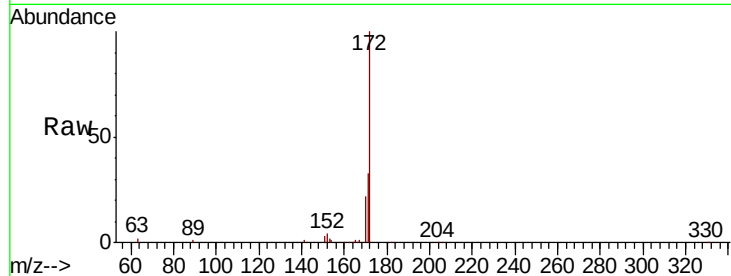




#15
2-Fluorobiphenyl
Concen: 0.610 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

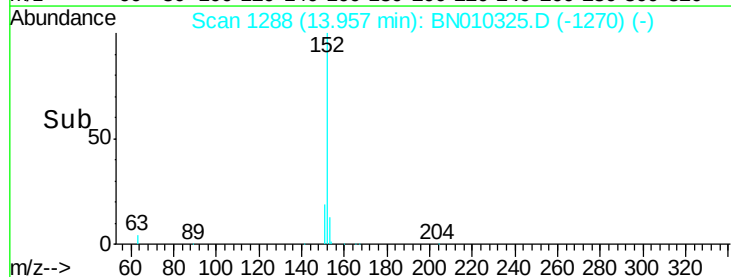
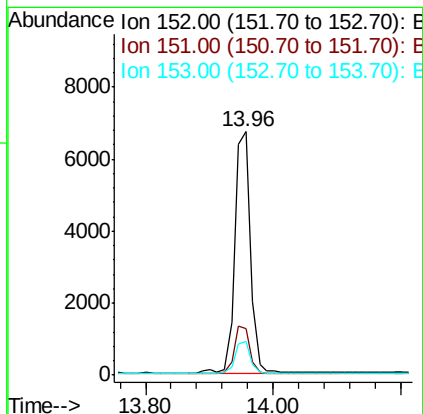
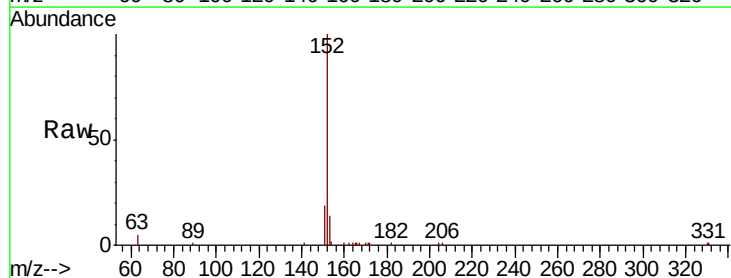
Instrument :
BNA_N
ClientSampleId :
PB127724BS

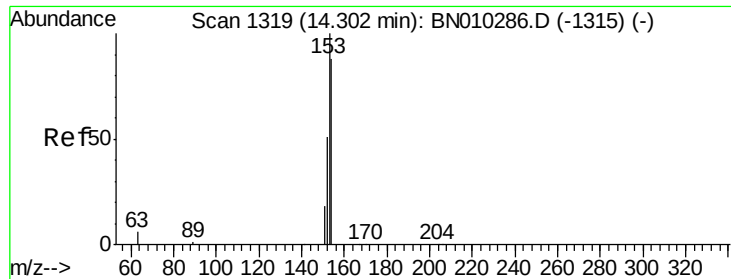
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.6	41.4
170	21.8	18.5	27.7



#16
Acenaphthylene
Concen: 0.362 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.8	10.6	15.8





#17

Acenaphthene

Concen: 0.364 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

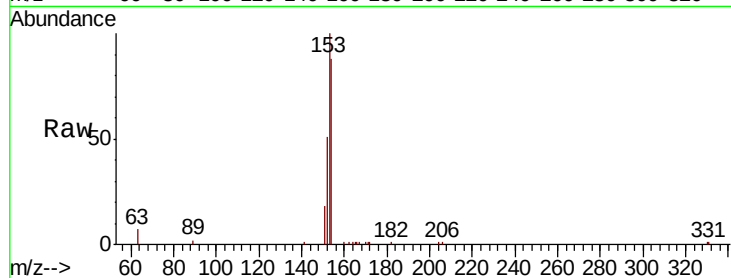
Tot Ion:154 Resp: 8297

Ion Ratio Lower Upper

154 100

153 114.3 88.1 132.1

152 58.7 45.5 68.3



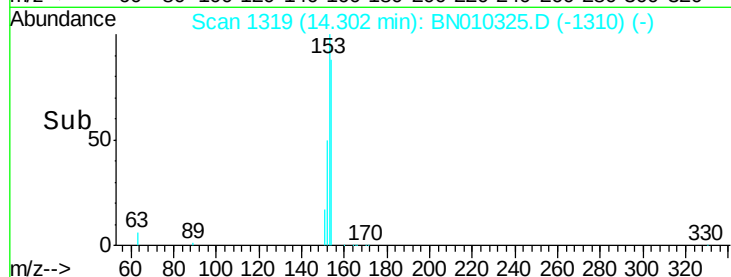
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

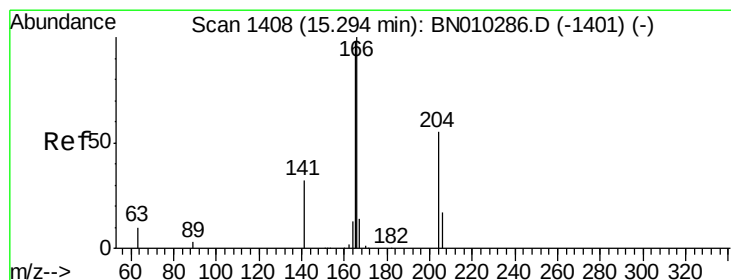
14.30

Time-->



14.30

Time-->



#18

Fluorene

Concen: 0.362 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

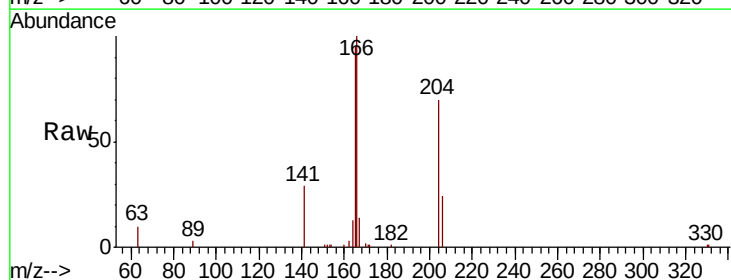
Tgt Ion:166 Resp: 10954

Ion Ratio Lower Upper

166 100

165 97.7 78.7 118.1

167 13.7 11.0 16.4



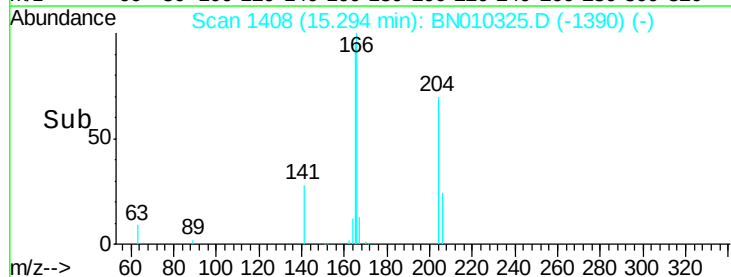
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

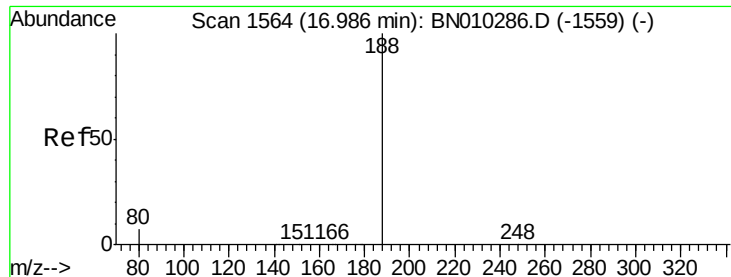
15.29

Time-->



15.29

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

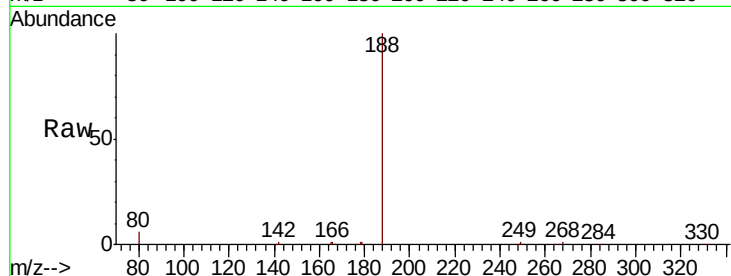
Tot Ion:188 Resp: 18502

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

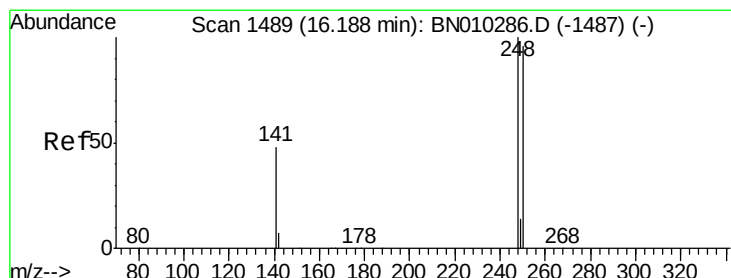
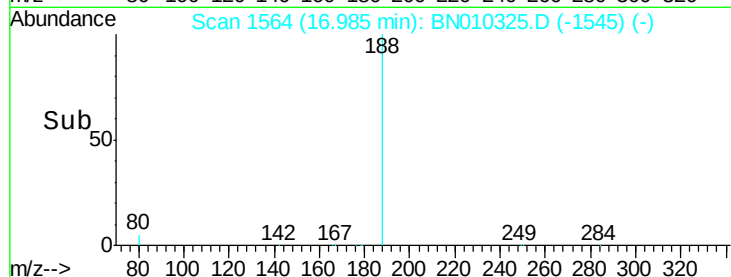
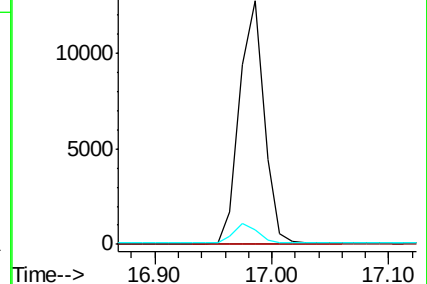
80 5.9 6.0 9.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.345 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

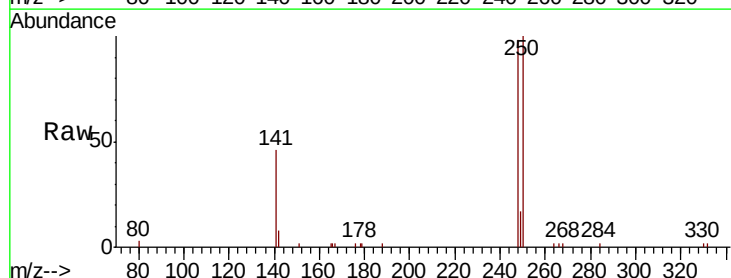
Tgt Ion:248 Resp: 3877

Ion Ratio Lower Upper

248 100

250 102.1 76.8 115.2

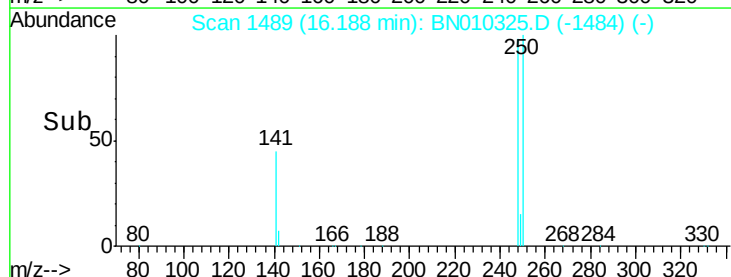
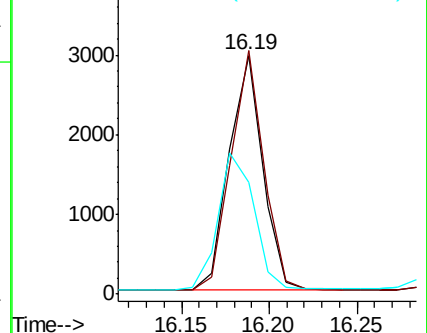
141 46.8 44.4 66.6

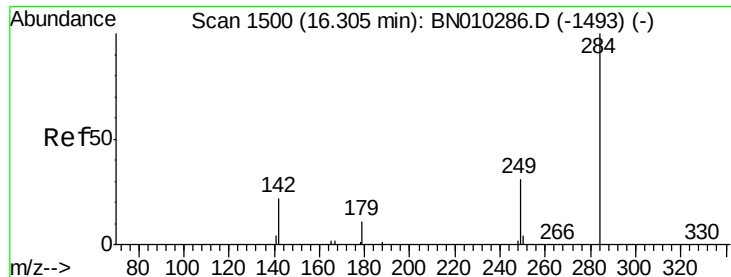


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

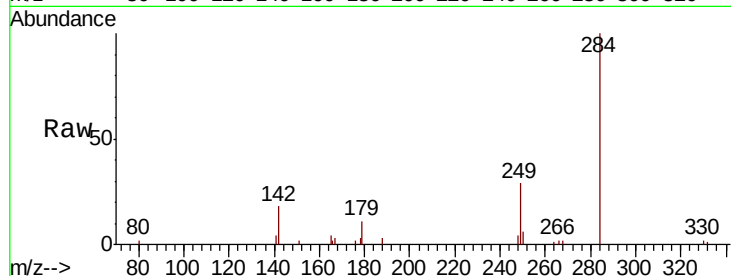




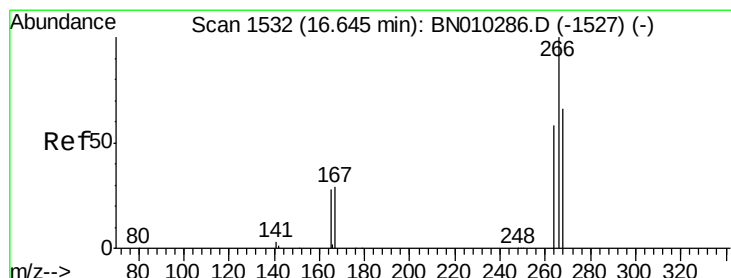
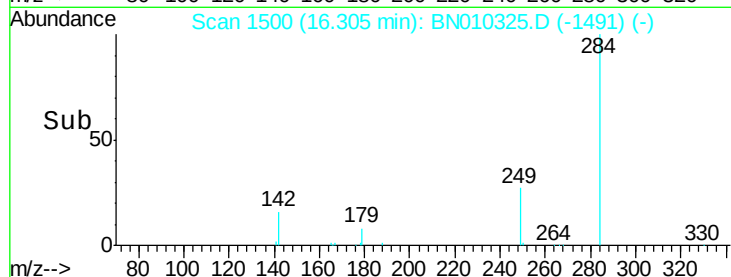
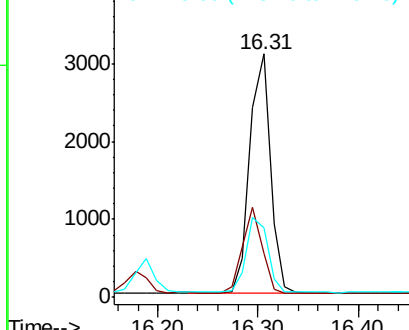
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tot Ion:284 Resp: 4418
Ion Ratio Lower Upper
284 100
142 34.1 27.4 41.2
249 33.2 26.5 39.7

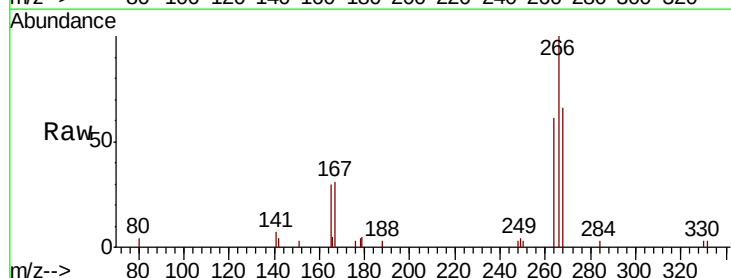


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

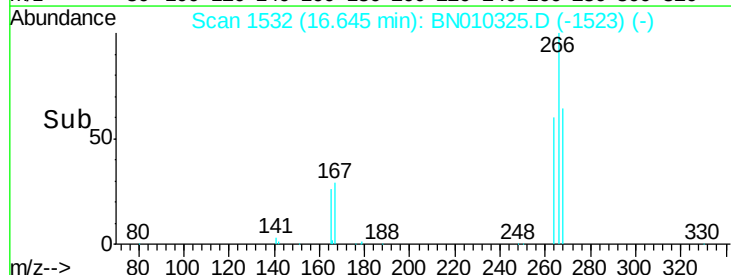
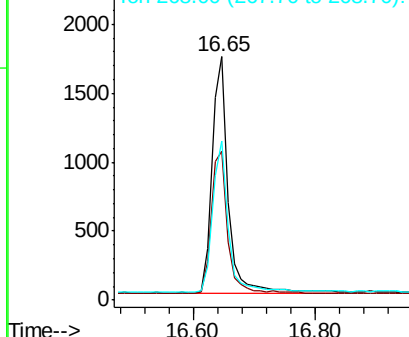


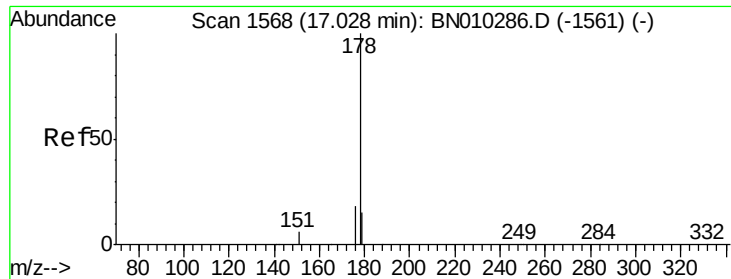
#22
Pentachlorophenol
Concen: 0.772 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:266 Resp: 3045
Ion Ratio Lower Upper
266 100
264 61.3 47.7 71.5
268 65.5 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: 0.373 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

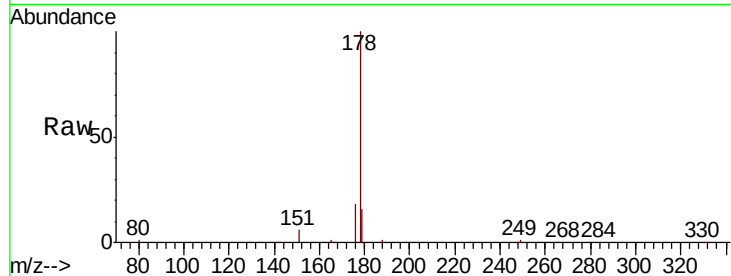
Tot Ion:178 Resp: 18973

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

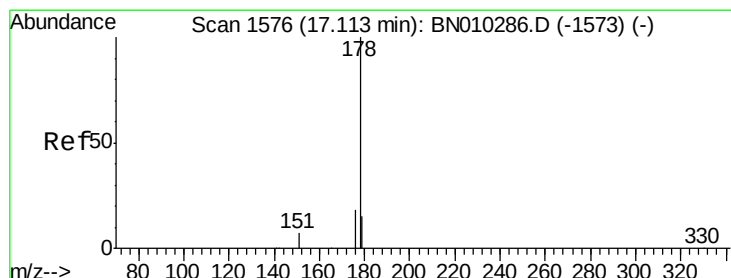
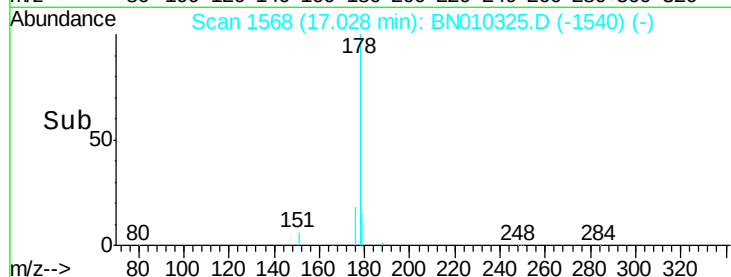
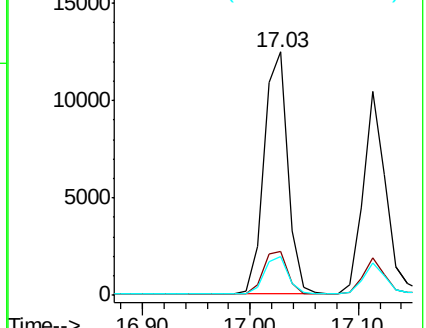
179 15.7 12.4 18.6



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: 0.353 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

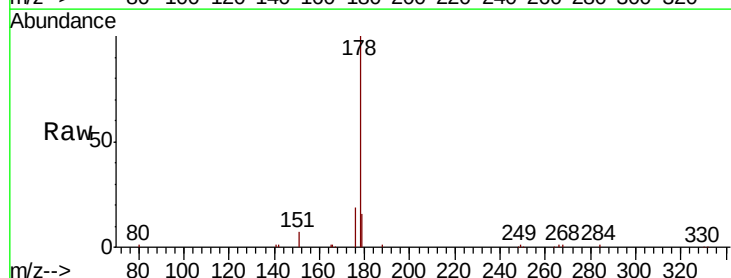
Tgt Ion:178 Resp: 15329

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

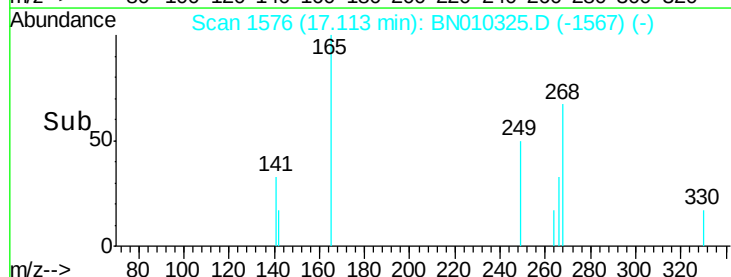
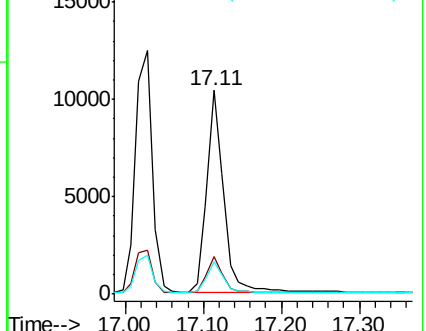
179 15.7 12.3 18.5

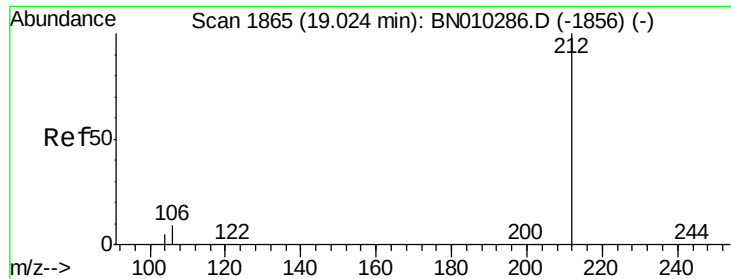


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.275 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

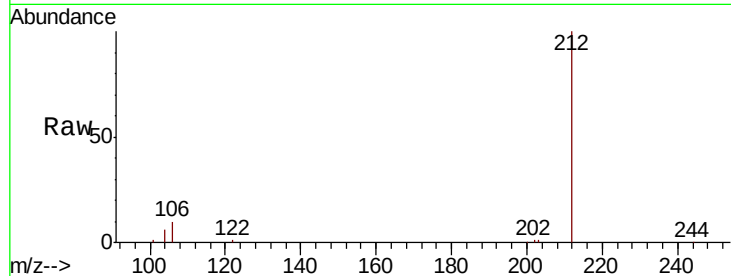
Tot Ion:212 Resp: 15322

Ion Ratio Lower Upper

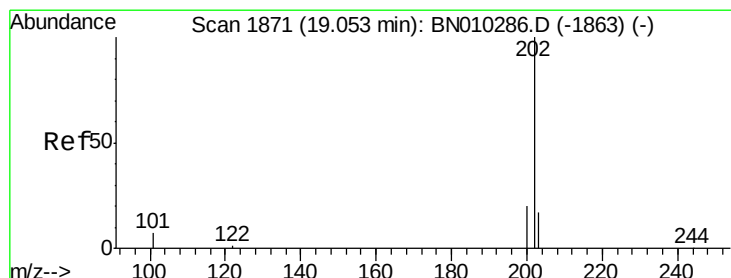
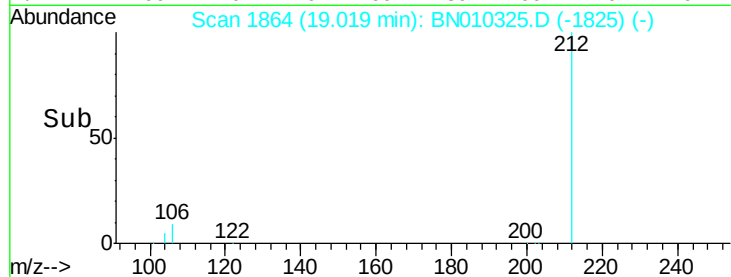
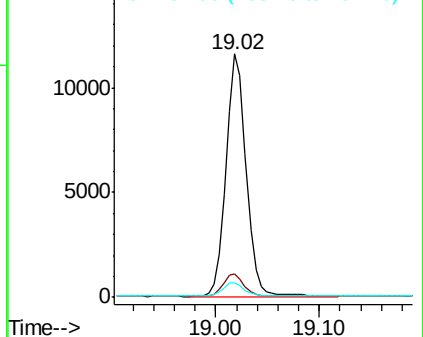
212 100

106 9.3 7.4 11.2

104 5.5 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: 0.354 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

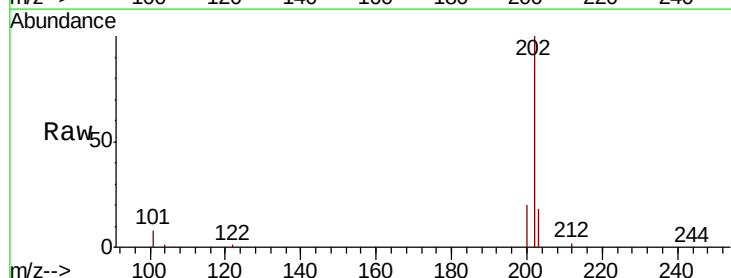
Tgt Ion:202 Resp: 22081

Ion Ratio Lower Upper

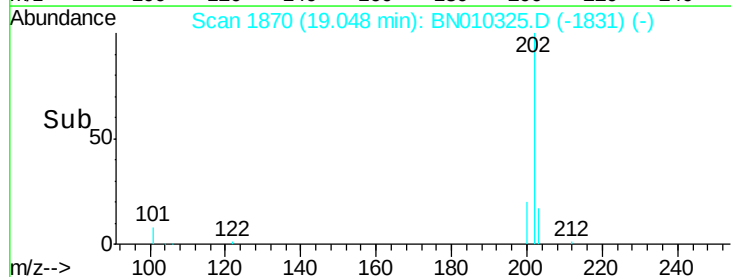
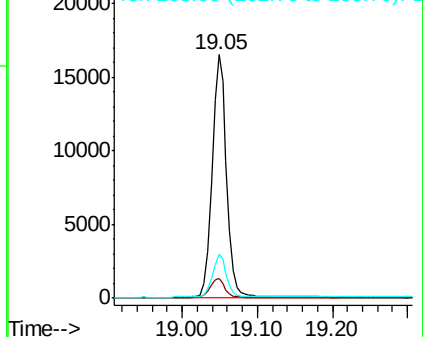
202 100

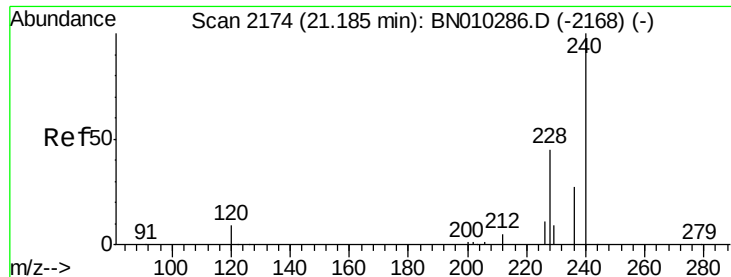
101 7.9 6.6 9.8

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: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

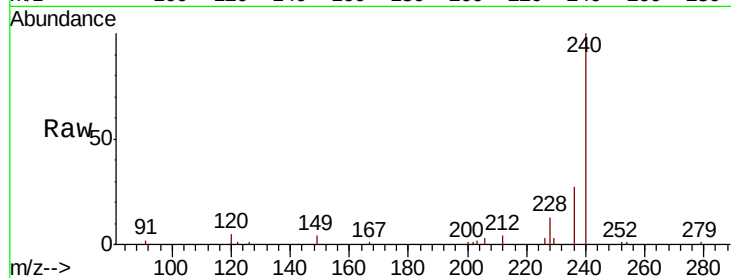
Tot Ion:240 Resp: 17787

Ion Ratio Lower Upper

240 100

120 5.4 7.9 11.9#

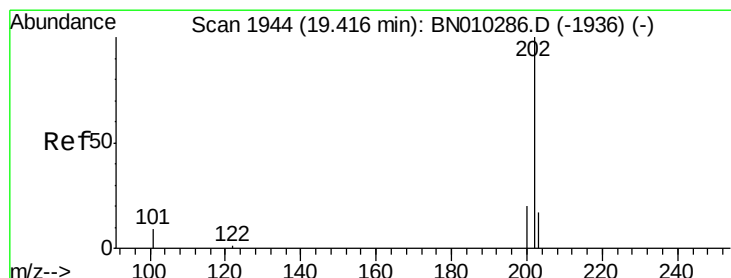
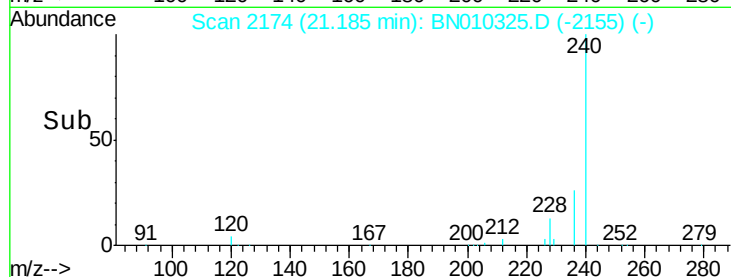
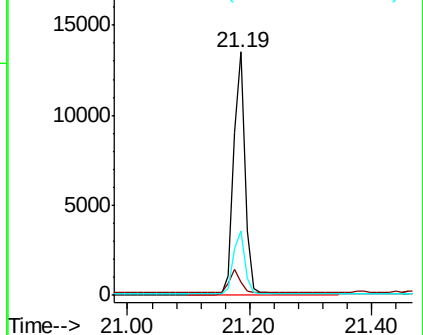
236 26.7 22.2 33.4



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: 19.41 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

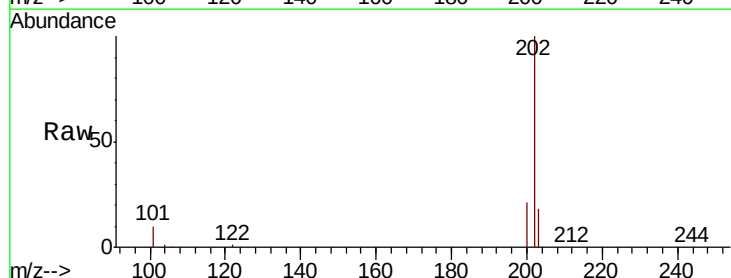
Tgt Ion:202 Resp: 21972

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

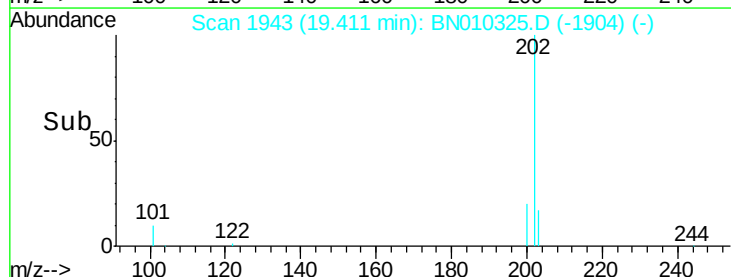
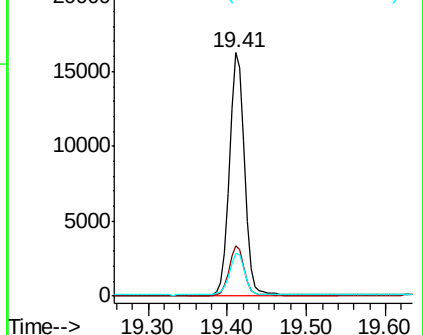
203 17.9 14.2 21.2

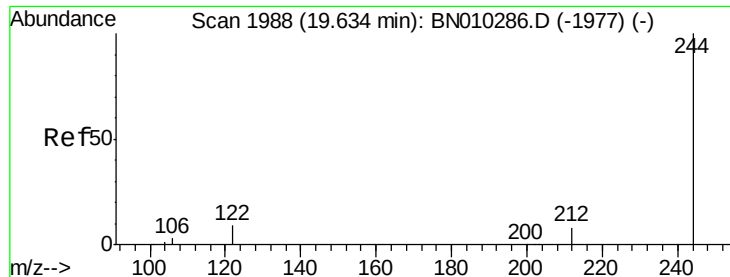


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.514 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

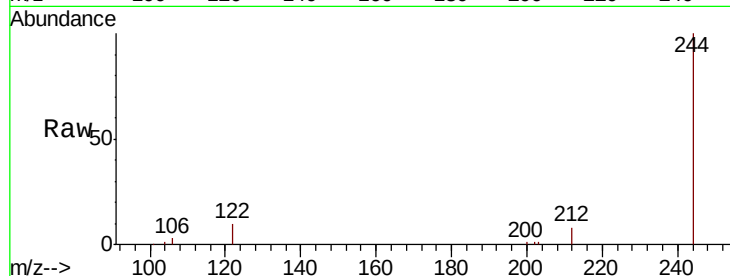
Tot Ion:244 Resp: 19763

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 9.7 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

19.63

20000

15000

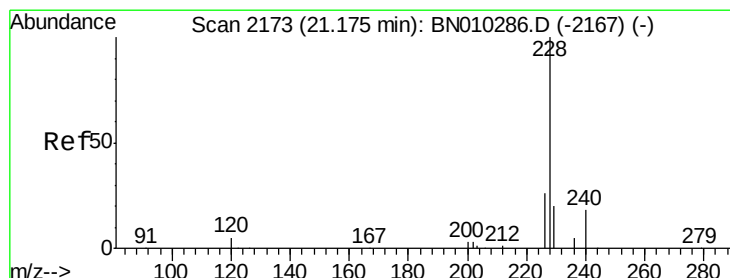
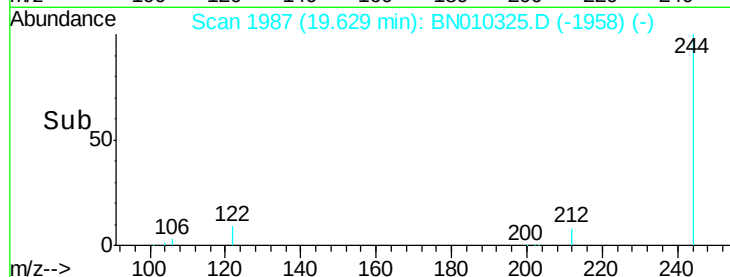
10000

5000

0

19.60 19.70 19.80

Time-->



#30

Benzo(a)anthracene

Concen: 0.354 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

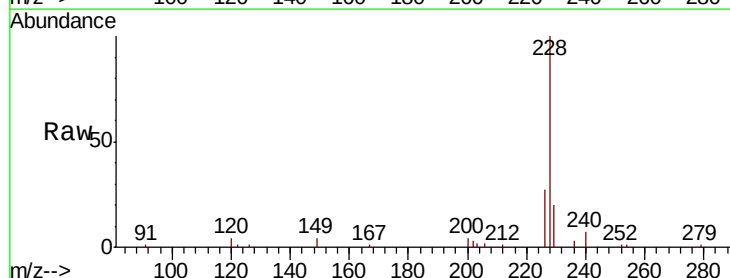
Tgt Ion:228 Resp: 20059

Ion Ratio Lower Upper

228 100

226 27.3 21.0 31.4

229 19.7 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

21.16

25000

20000

15000

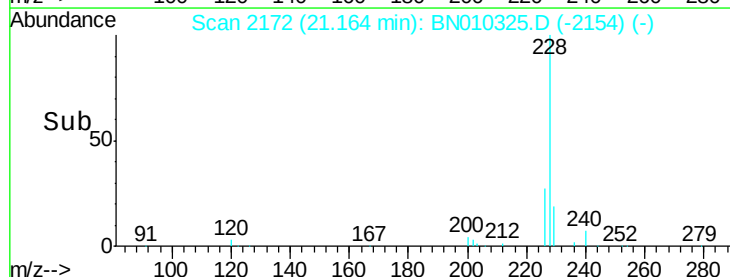
10000

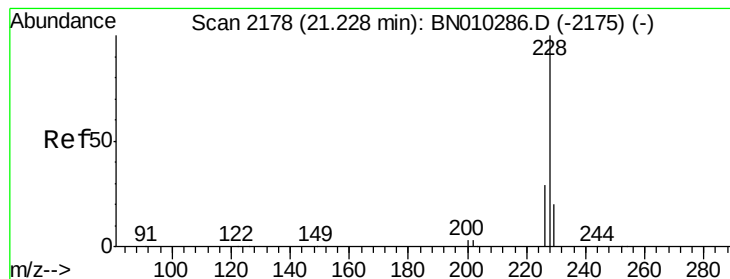
5000

0

21.10 21.15 21.20

Time-->





#31

Chrysene

Concen: 0.392 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

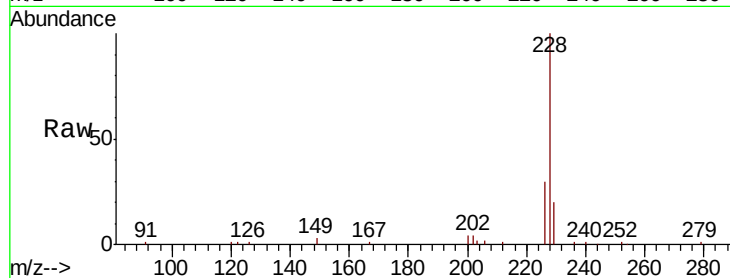
Tot Ion:228 Resp: 23828

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.6

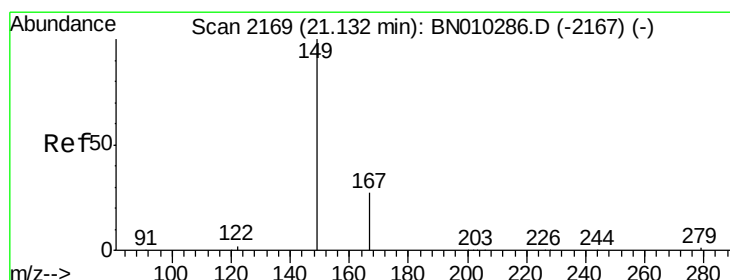
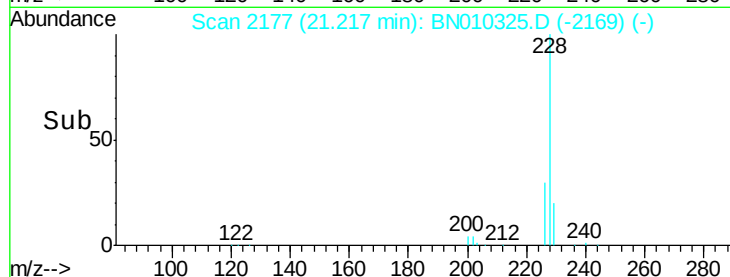
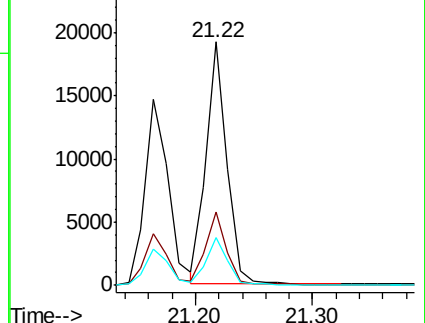
229 19.7 16.0 24.0



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: 0.275 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

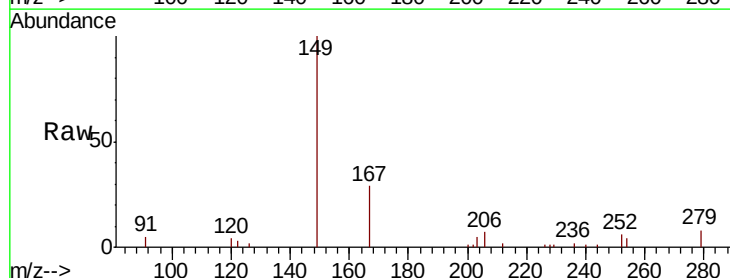
Tgt Ion:149 Resp: 5265

Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.6

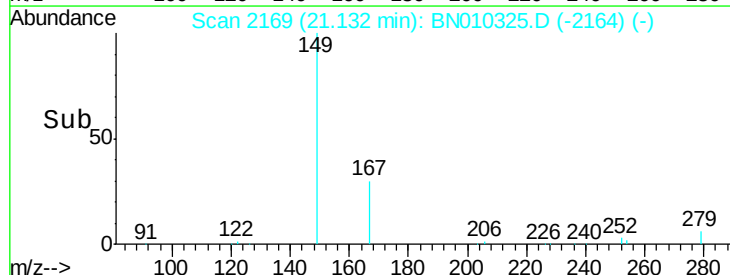
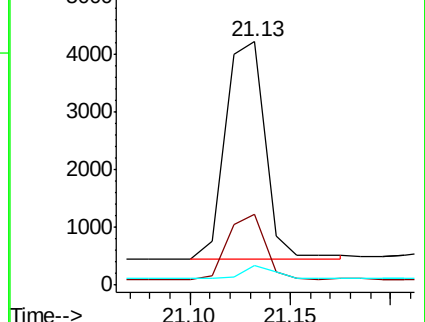
279 4.6 3.8 5.8

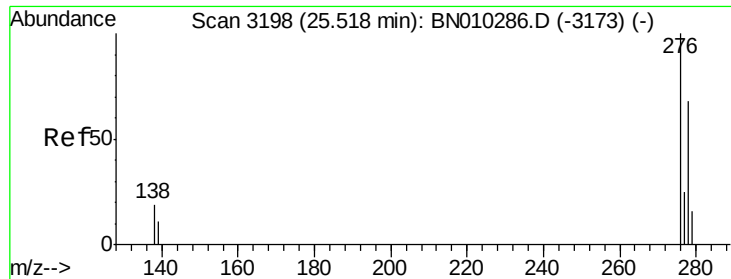


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.399 ng

RT: 25.50 min Scan# 3194

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

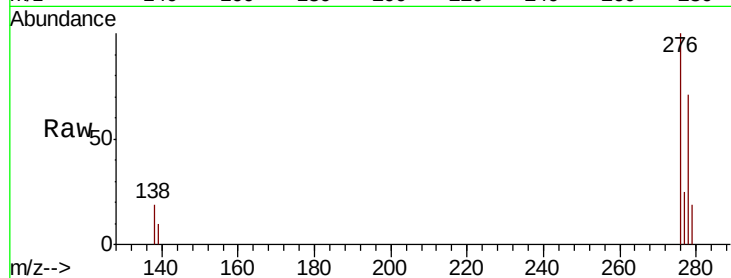
Tot Ion:276 Resp: 25985

Ion Ratio Lower Upper

276 100

138 18.4 15.6 23.4

277 24.9 20.1 30.1

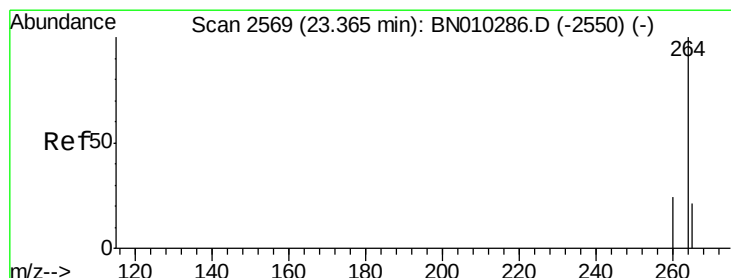
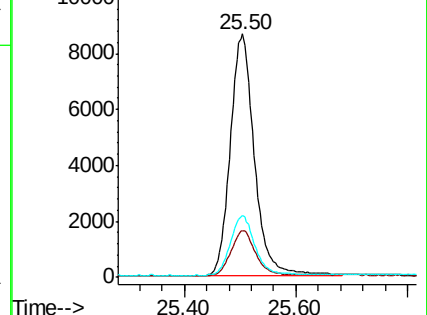
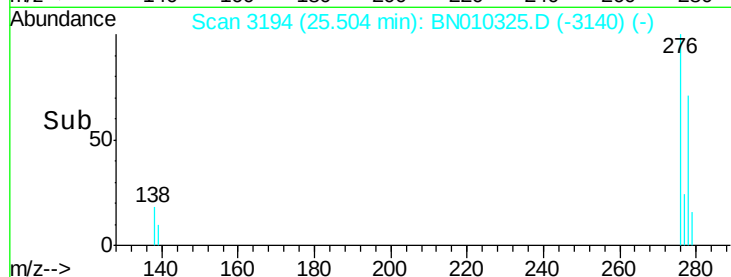


Abundance

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: 23.35 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

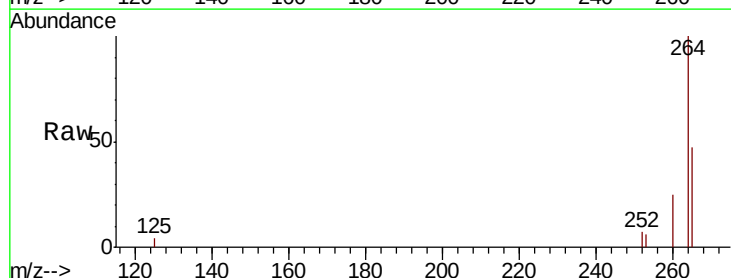
Tgt Ion:264 Resp: 17086

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 46.9 32.4 48.6

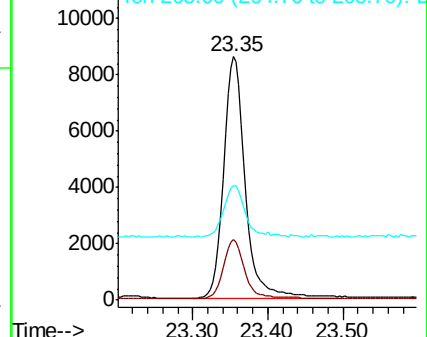
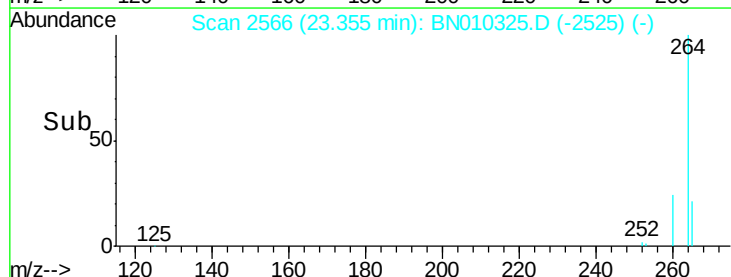


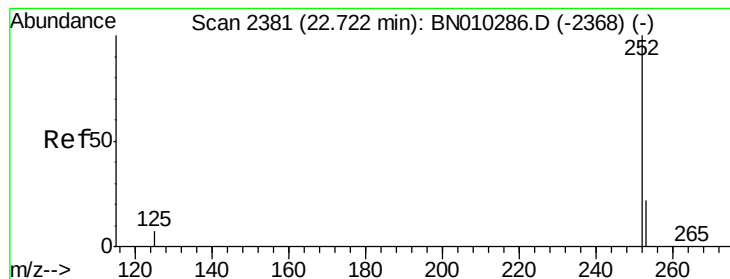
Abundance

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: 0.393 ng

RT: 22.71 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

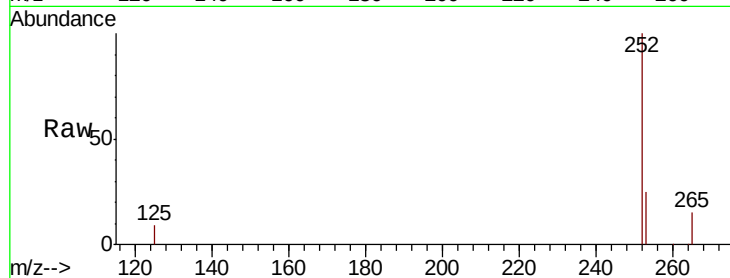
Tot Ion:252 Resp: 22798

Ion Ratio Lower Upper

252 100

253 25.0 19.2 28.8

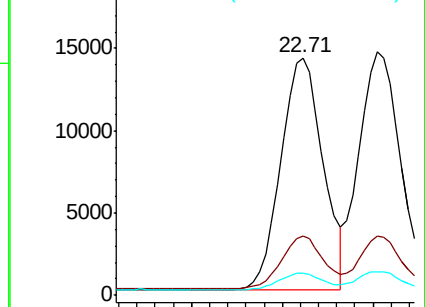
125 9.4 7.4 11.0



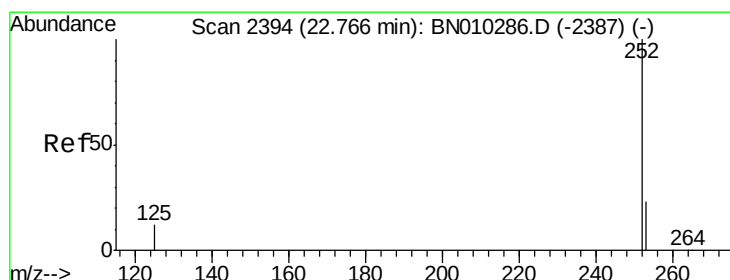
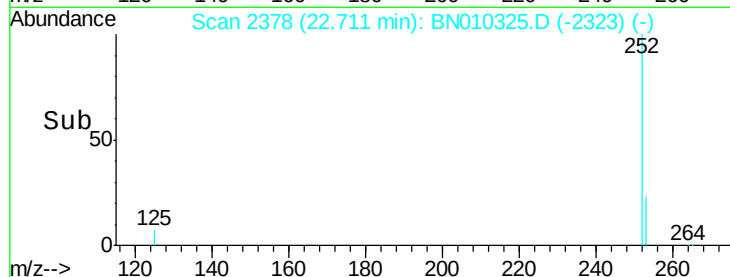
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.400 ng

RT: 22.75 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

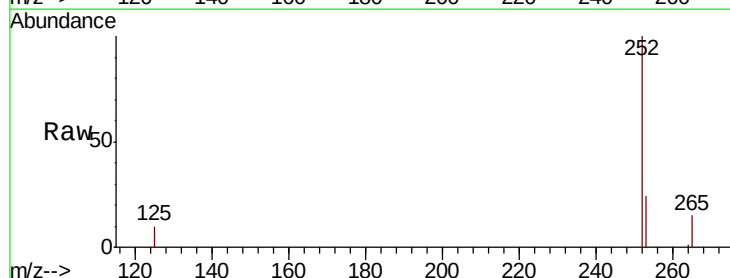
Tgt Ion:252 Resp: 23628

Ion Ratio Lower Upper

252 100

253 24.4 19.4 29.0

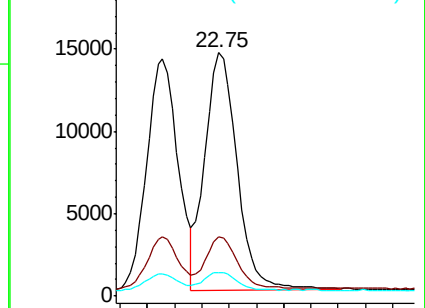
125 9.9 10.2 15.2#



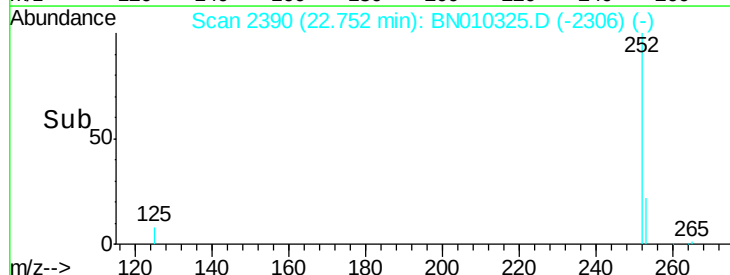
Abundance Ion 252.00 (251.70 to 252.70): E

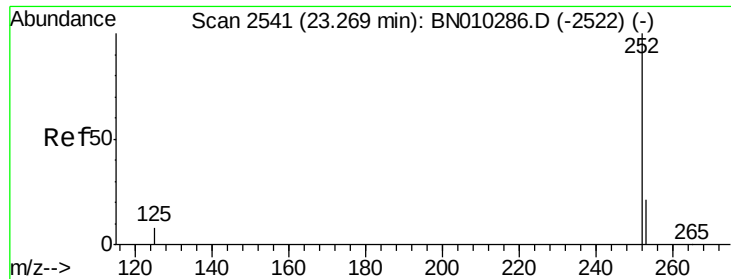
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

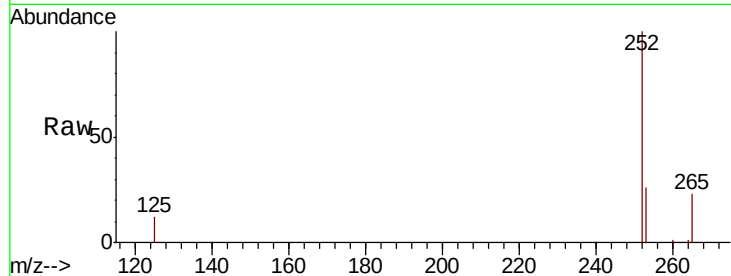
Tot Ion:252 Resp: 18561

Ion Ratio Lower Upper

252 100

253 25.9 19.9 29.9

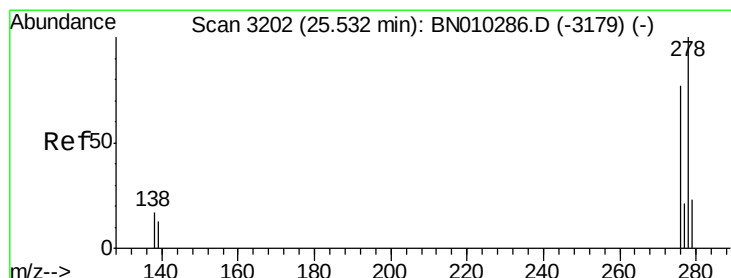
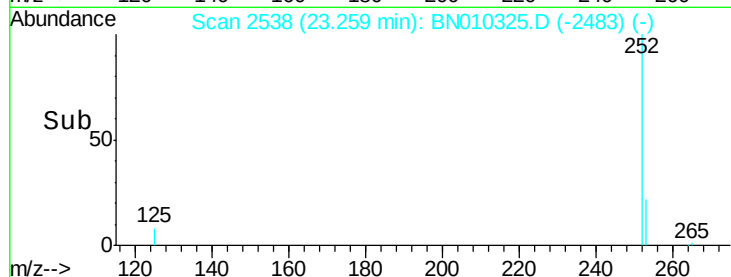
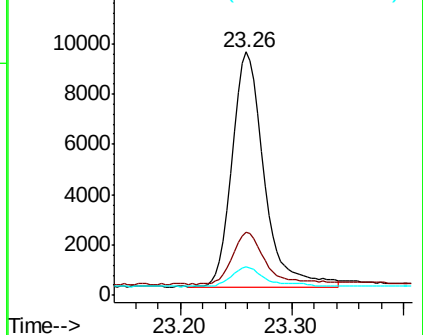
125 11.6 8.9 13.3



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: 0.411 ng

RT: 25.51 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

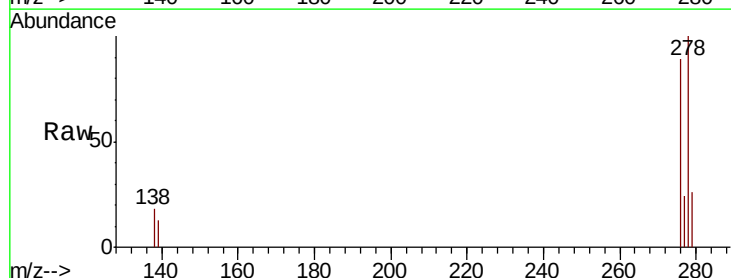
Tgt Ion:278 Resp: 21789

Ion Ratio Lower Upper

278 100

139 13.0 10.6 16.0

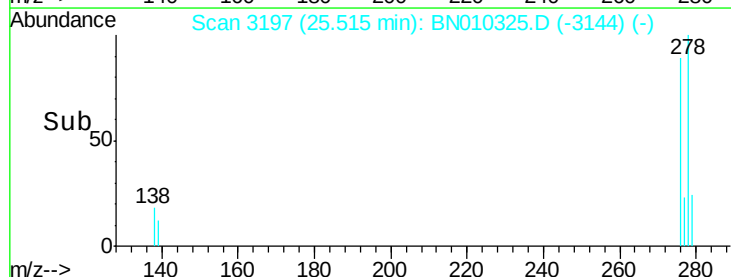
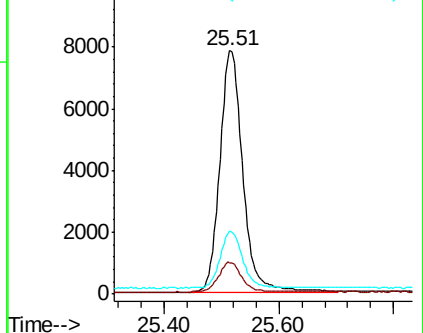
279 26.1 19.8 29.6

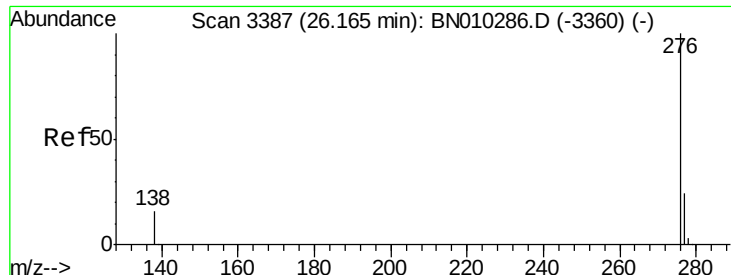


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.438 ng

RT: 26.15 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN010325.D

Acq: 24 Mar 2020 14:27

Instrument :

BNA_N

ClientSampleId :

PB127724BS

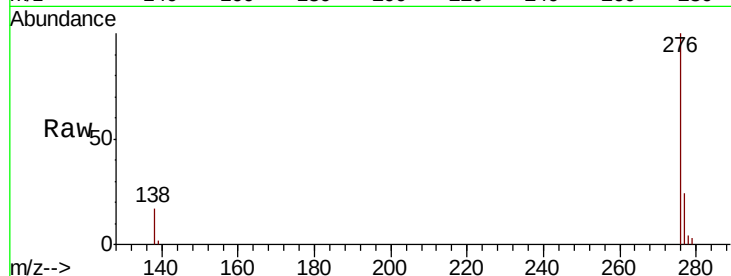
Tot Ion:276 Resp: 23336

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 16.7 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

