

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010285.D
 Acq On : 19 Mar 2020 11:40
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 15:17:10 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 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3584	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12328	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7290	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	17402	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18182	0.40	ng	0.00
34) Perylene-d12	23.37	264	17727	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1483	0.18	ng	0.00
5) Phenol-d6	6.80	99	1839	0.17	ng	0.00
8) Nitrobenzene-d5	8.74	82	1516	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	3903	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	513	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	5739	0.22	ng	0.00
25) Fluoranthene-d10	19.02	212	10276	0.19	ng	0.00
29) Terphenyl-d14	19.63	244	8001	0.19	ng	0.00

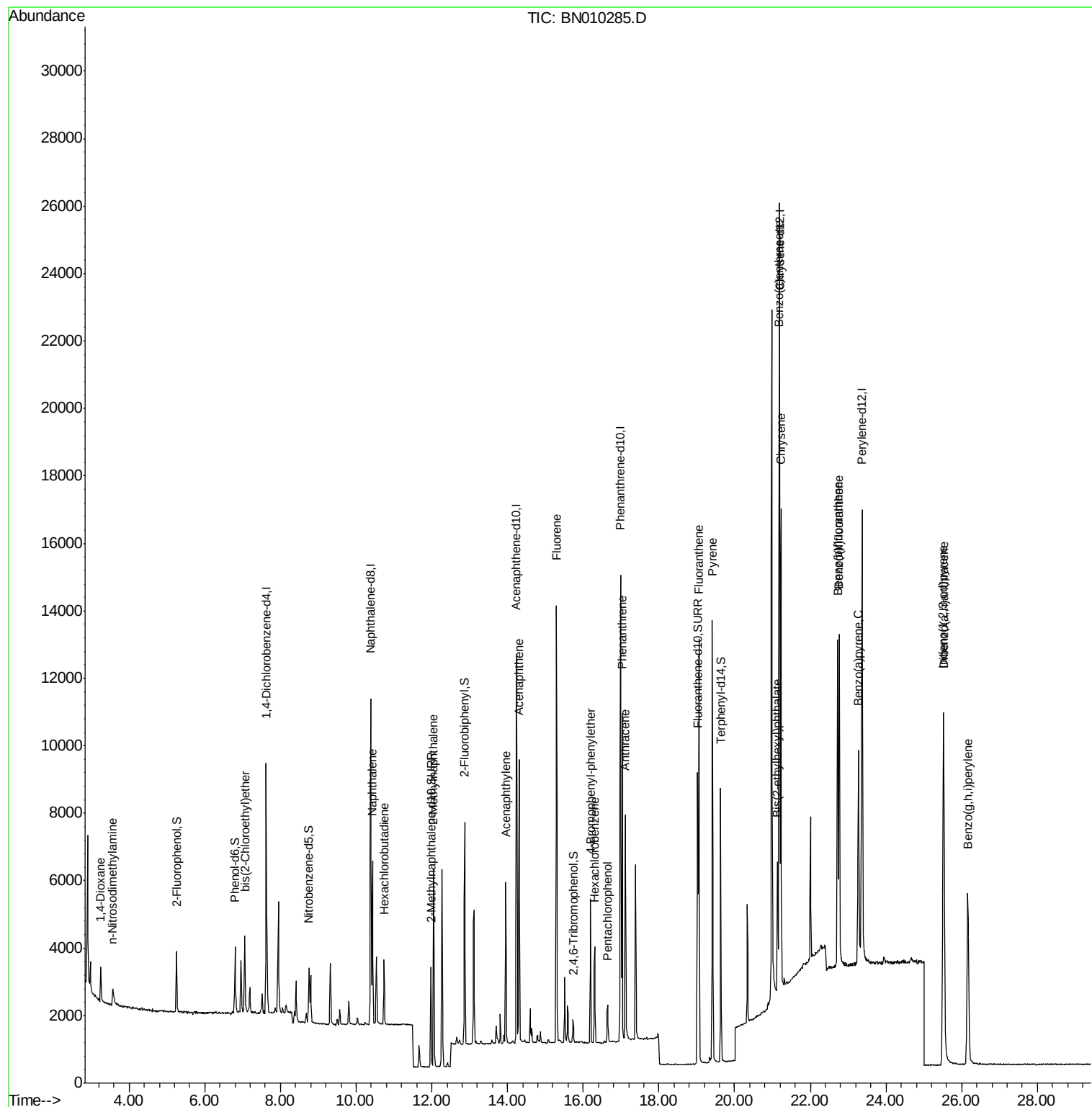
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	692	0.198	ng	94
3) n-Nitrosodimethylamine	3.56	42	494	0.160	ng	# 95
6) bis(2-Chloroethyl)ether	7.06	93	1750	0.199	ng	99
9) Naphthalene	10.43	128	6128	0.198	ng	97
10) Hexachlorobutadiene	10.73	225	1521	0.214	ng	# 98
12) 2-Methylnaphthalene	12.05	142	4186	0.189	ng	96
16) Acenaphthylene	13.96	152	5305	0.158	ng	99
17) Acenaphthene	14.30	154	3932	0.193	ng	98
18) Fluorene	15.29	166	5350	0.192	ng	98
20) 4-Bromophenyl-phenylether	16.19	248	2030	0.203	ng	97
21) Hexachlorobenzene	16.31	284	2186	0.224	ng	99
22) Pentachlorophenol	16.65	266	669	0.222	ng	95
23) Phenanthrene	17.03	178	9507	0.206	ng	99
24) Anthracene	17.11	178	7572	0.165	ng	100
26) Fluoranthene	19.05	202	11258	0.193	ng	100
28) Pyrene	19.42	202	11545	0.190	ng	100
30) Benzo(a)anthracene	21.17	228	11115	0.180	ng	100
31) Chrysene	21.23	228	12814	0.211	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	3446	0.131	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	12803	0.177	ng	99
35) Benzo(b)fluoranthene	22.72	252	12075	0.221	ng	# 94
36) Benzo(k)fluoranthene	22.76	252	12284	0.223	ng	96
37) Benzo(a)pyrene	23.27	252	9664	0.188	ng	# 92
38) Dibenzo(a,h)anthracene	25.53	278	10376	0.201	ng	95
39) Benzo(g,h,i)perylene	26.16	276	10873	0.211	ng	97

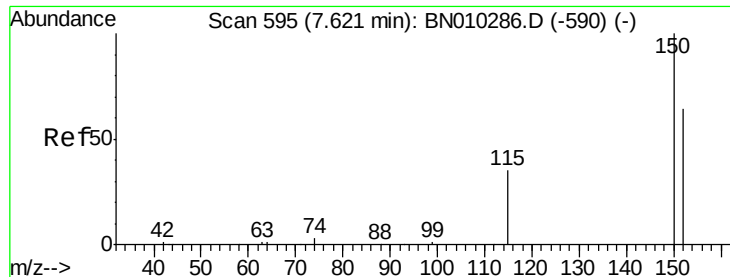
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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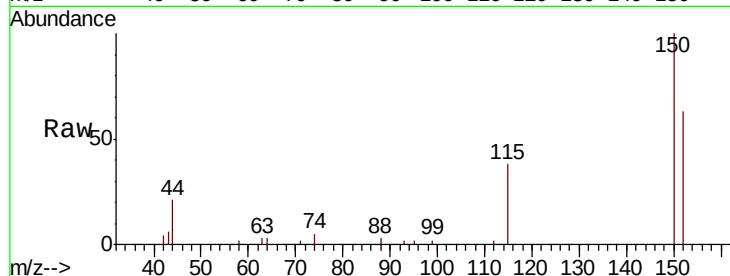


#1

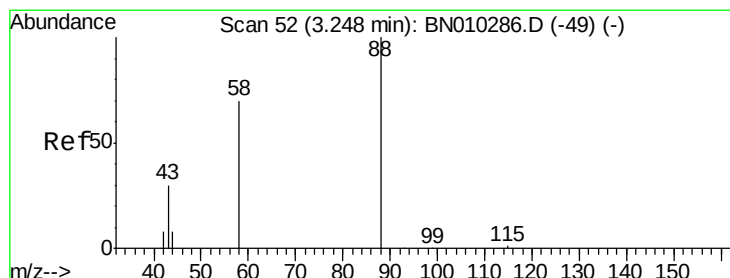
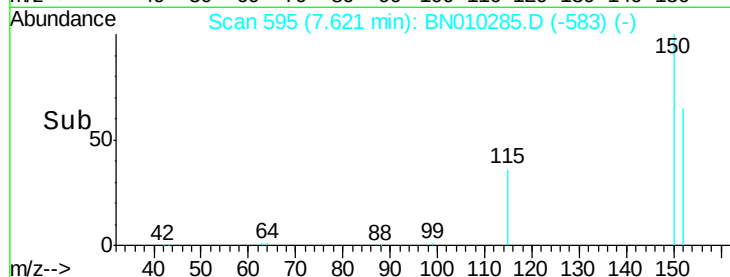
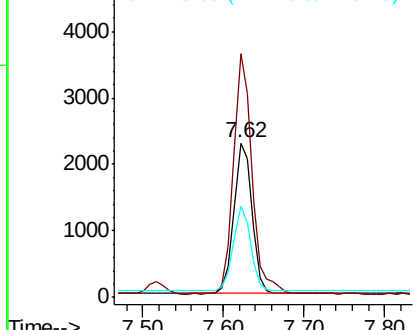
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010285.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3584
Ion Ratio Lower Upper
152 100
150 157.7 123.1 184.7
115 59.2 45.2 67.8



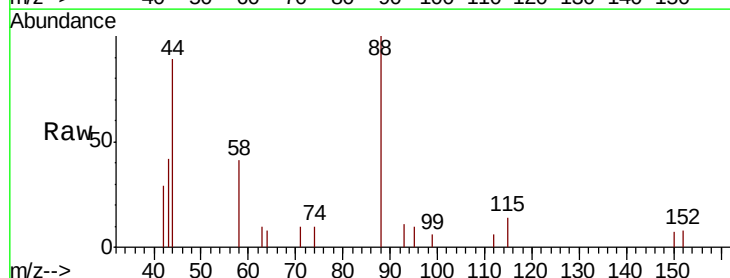
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



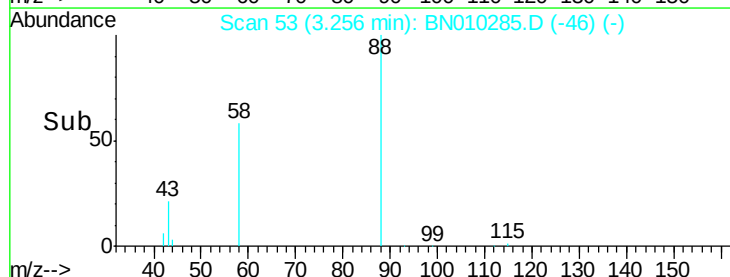
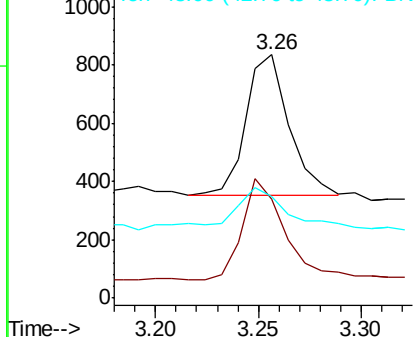
#2

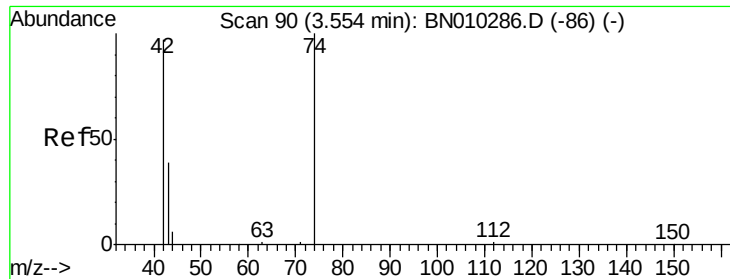
1,4-Dioxane
Concen: 0.198 ng
RT: 3.26 min Scan# 53
Delta R.T. 0.01 min
Lab File: BN010285.D
Acq: 19 Mar 2020 11:40

Tgt Ion: 88 Resp: 692
Ion Ratio Lower Upper
88 100
58 69.8 51.7 77.5
43 24.9 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0



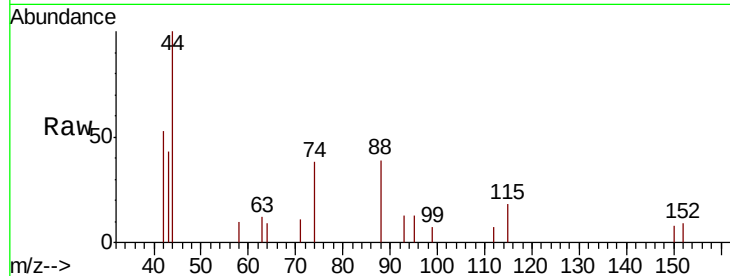


#3

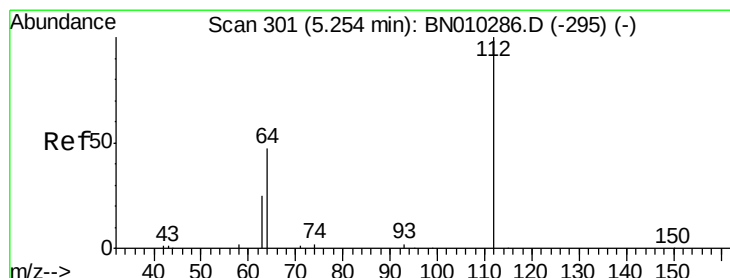
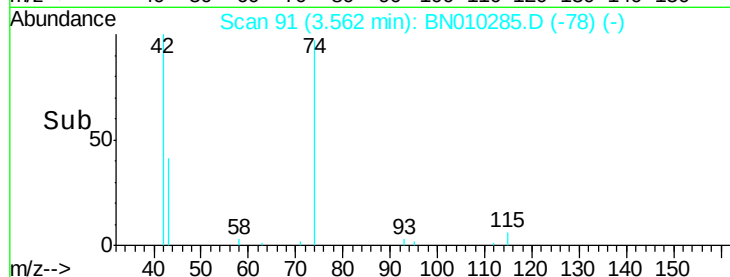
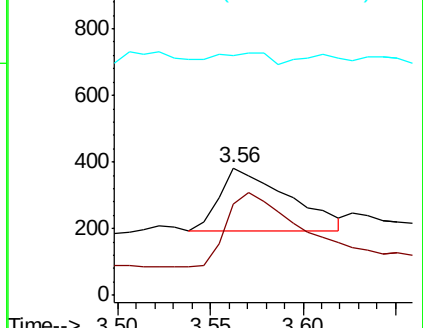
n-Nitrosodimethylamine
 Concen: 0.160 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.01 min
 Lab File: BN010285.D
 Acq: 19 Mar 2020 11:40

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 42 Resp: 494
 Ion Ratio Lower Upper
 42 100
 74 119.8 99.4 149.0
 44 13.4 4.8 7.2#



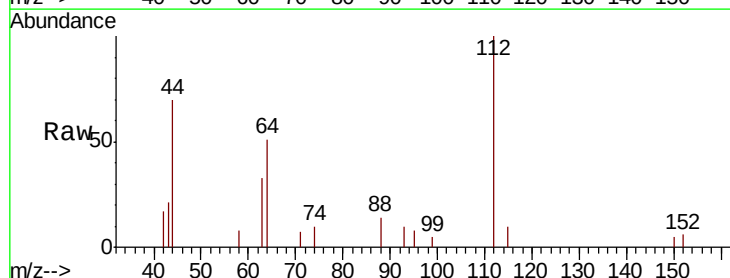
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



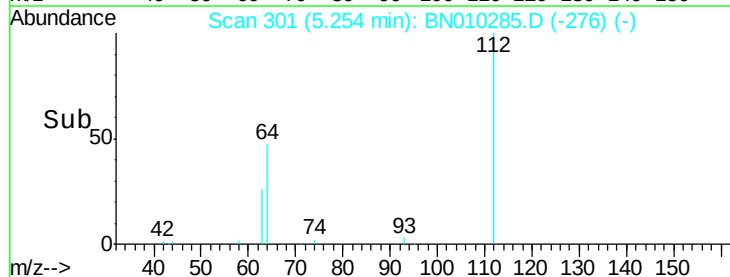
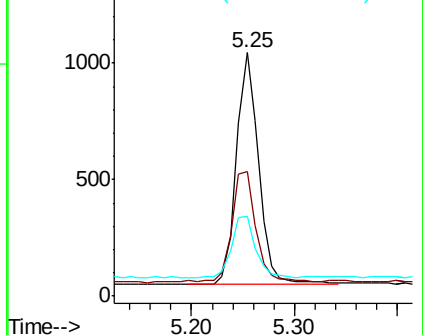
#4

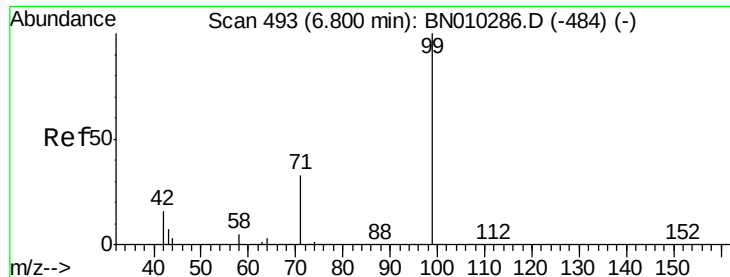
2-Fluorophenol
 Concen: 0.176 ng
 RT: 5.25 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BN010285.D
 Acq: 19 Mar 2020 11:40

Tgt Ion: 112 Resp: 1483
 Ion Ratio Lower Upper
 112 100
 64 51.9 41.4 62.2
 63 29.0 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.175 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

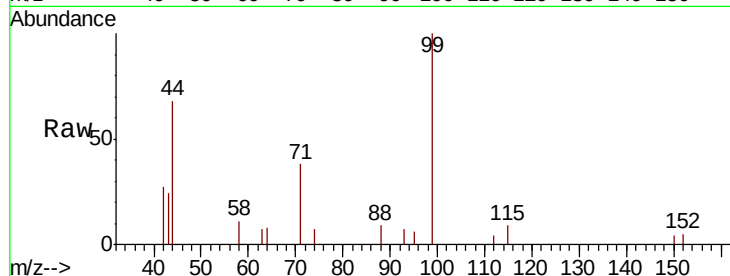
Tot Ion: 99 Resp: 1839

Ion Ratio Lower Upper

99 100

42 20.4 14.8 22.2

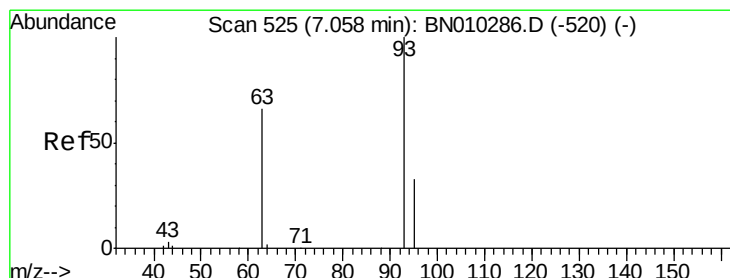
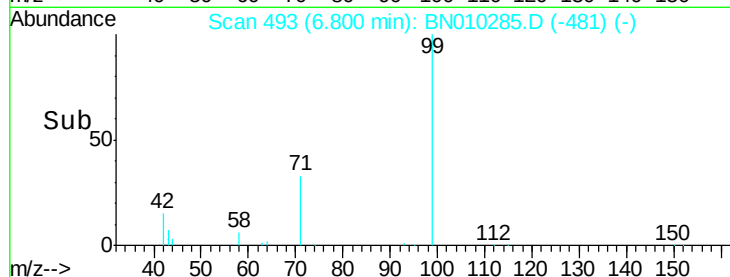
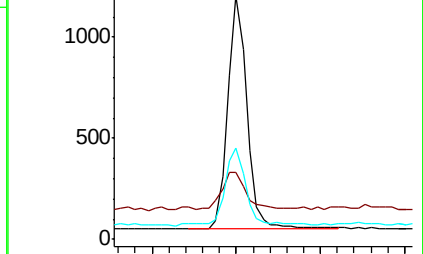
71 32.8 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010285.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN010285.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN010285.D (-481) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.199 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

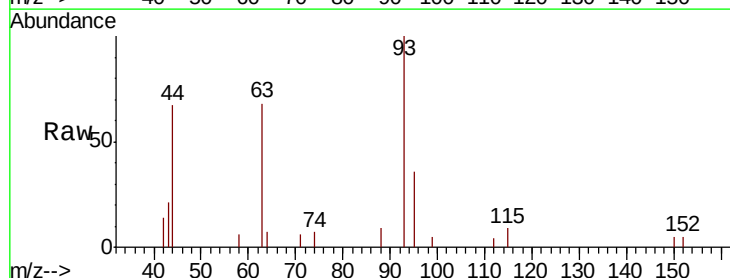
Tgt Ion: 93 Resp: 1750

Ion Ratio Lower Upper

93 100

63 70.1 55.6 83.4

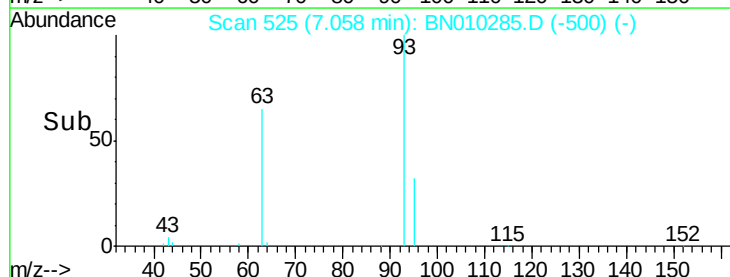
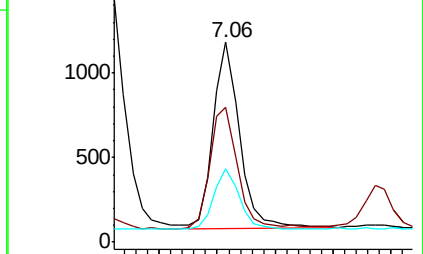
95 32.9 26.2 39.4

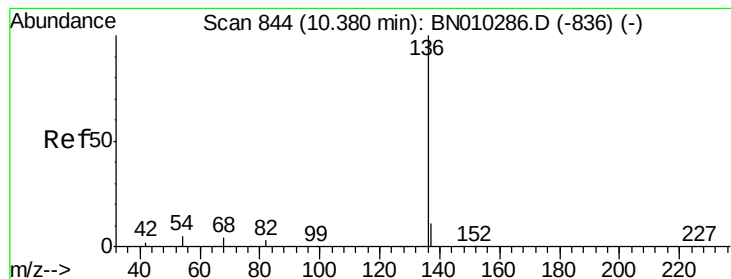


Abundance Ion 93.00 (92.70 to 93.70): BN010285.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010285.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010285.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12328

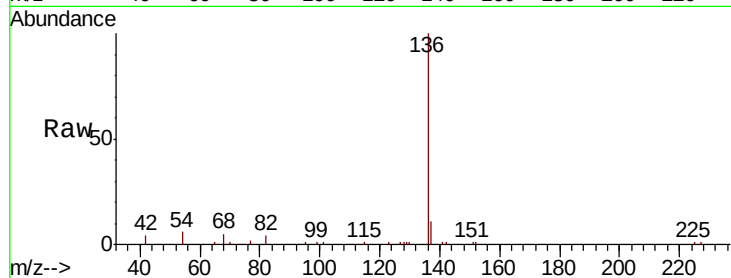
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 6.1 4.8 7.2

68 5.5 4.1 6.1

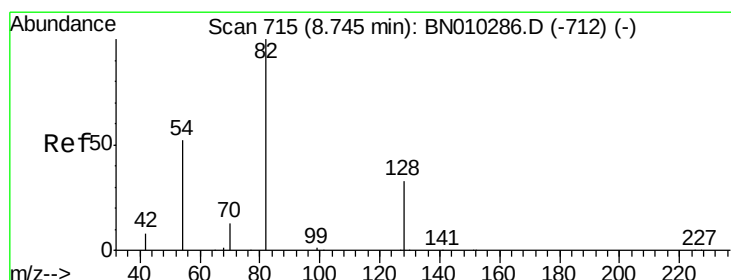
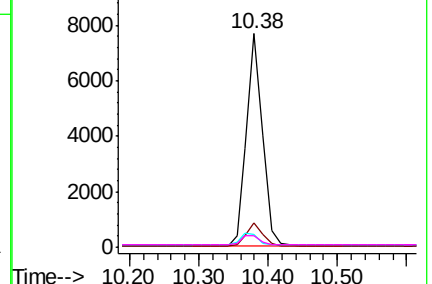
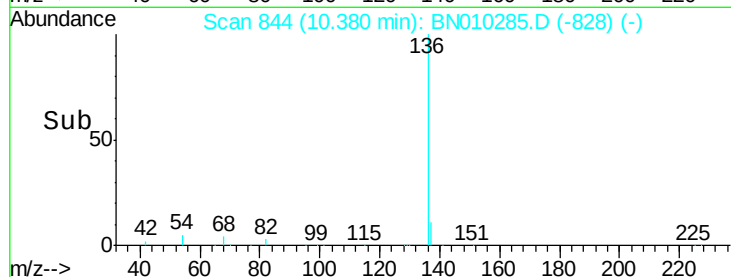


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.205 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

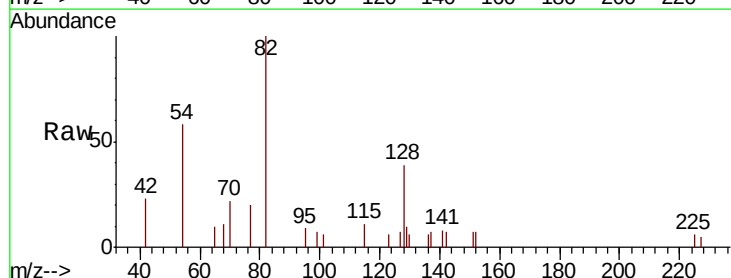
Tgt Ion: 82 Resp: 1516

Ion Ratio Lower Upper

82 100

128 39.0 28.8 43.2

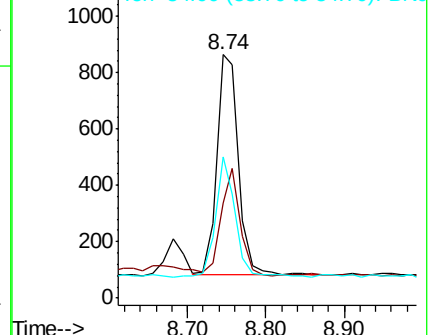
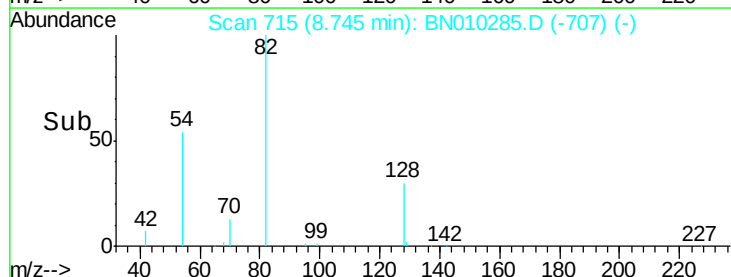
54 58.1 42.1 63.1

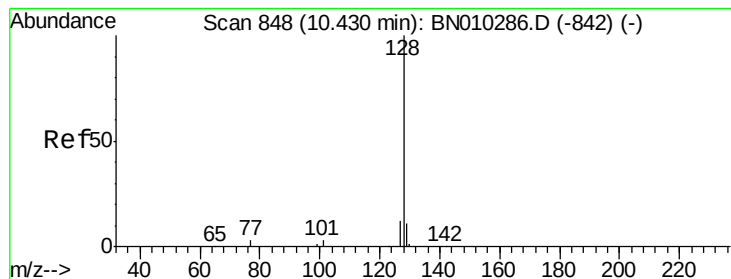


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.198 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

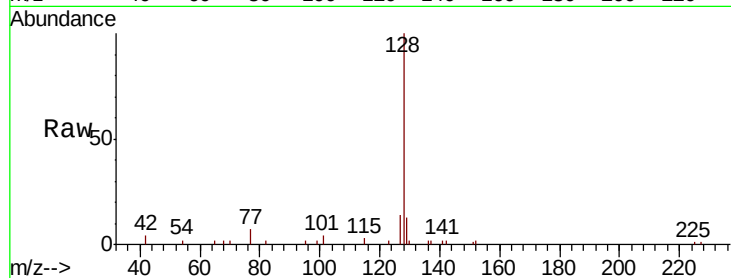
Tot Ion:128 Resp: 6128

Ion Ratio Lower Upper

128 100

129 12.9 9.1 13.7

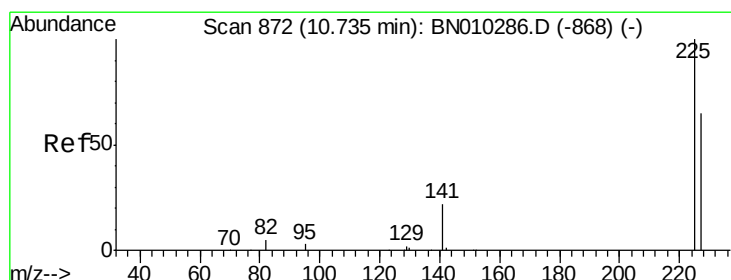
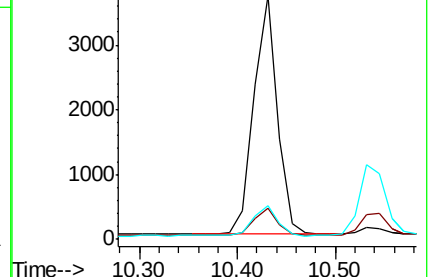
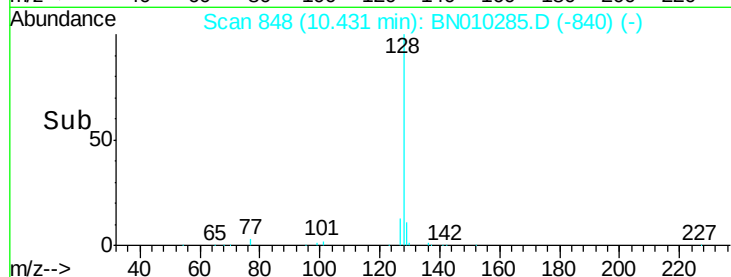
127 13.9 10.4 15.6



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: 0.214 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

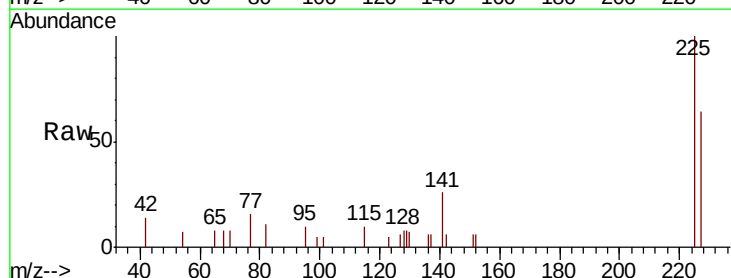
Tgt Ion:225 Resp: 1521

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

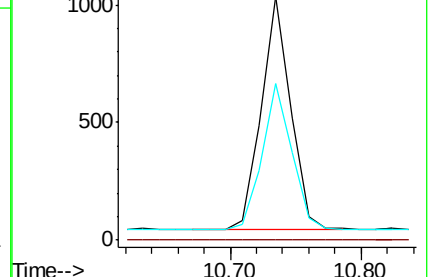
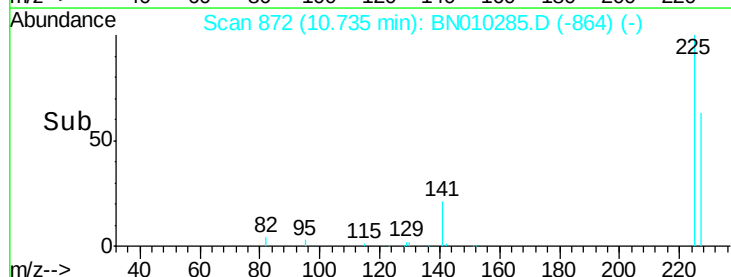
227 63.5 51.9 77.9

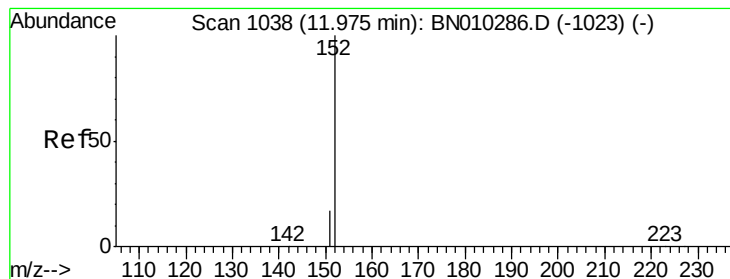


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.192 ng

RT: 11.97 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

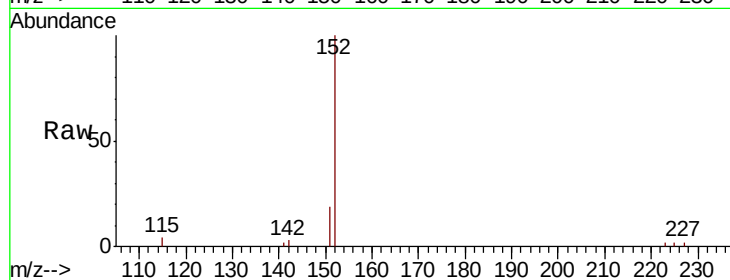
ClientSampleId :

Tot Ion:152 Resp: 3903

Ion Ratio Lower Upper

152 100

151 19.0 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

2500

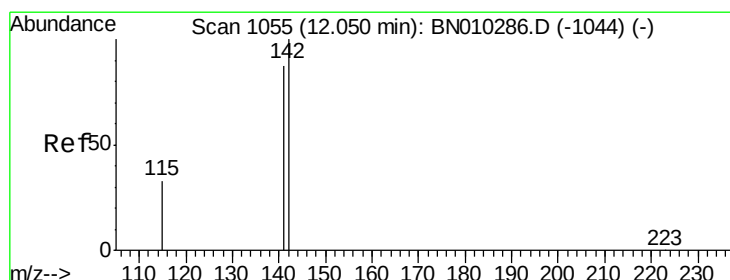
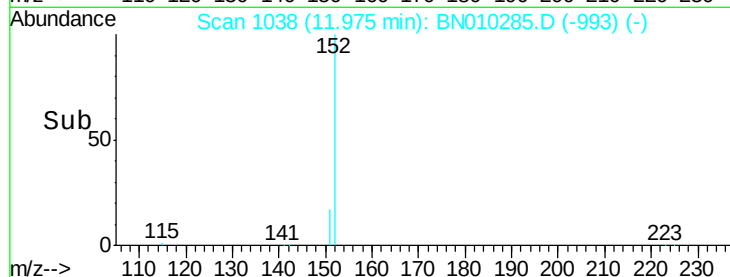
2000

1500

1000

500

Time-->



#12

2-Methylnaphthalene

Concen: 0.189 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

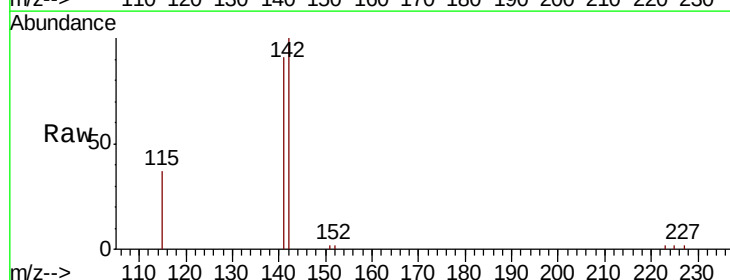
Tgt Ion:142 Resp: 4186

Ion Ratio Lower Upper

142 100

141 90.8 69.5 104.3

115 37.0 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

12.05

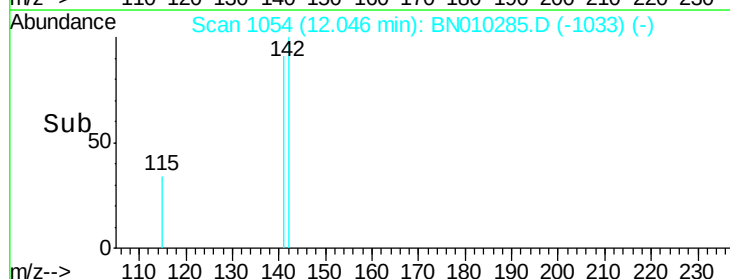
3000

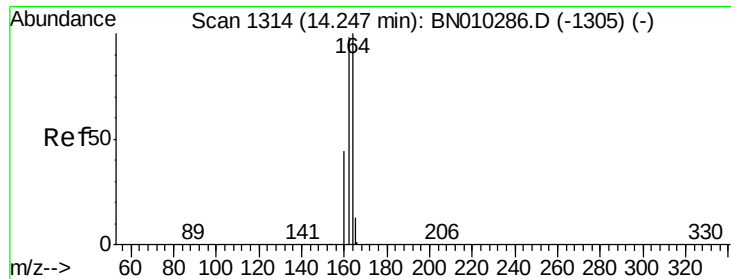
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

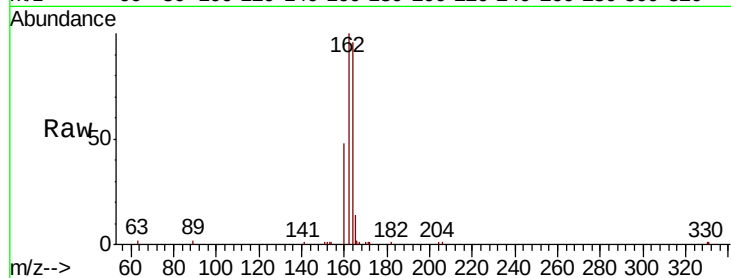
Tot Ion:164 Resp: 7290

Ion Ratio Lower Upper

164 100

162 104.1 78.2 117.2

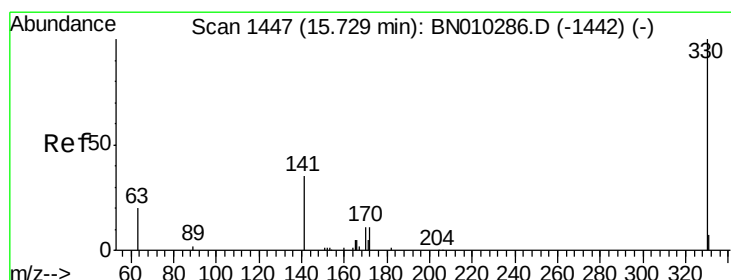
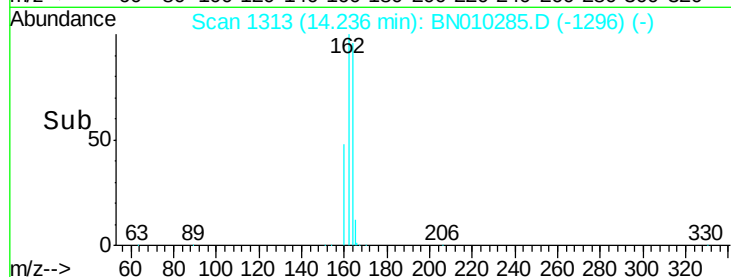
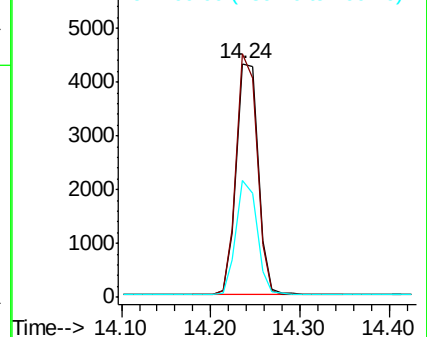
160 50.2 35.8 53.6



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: 0.197 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

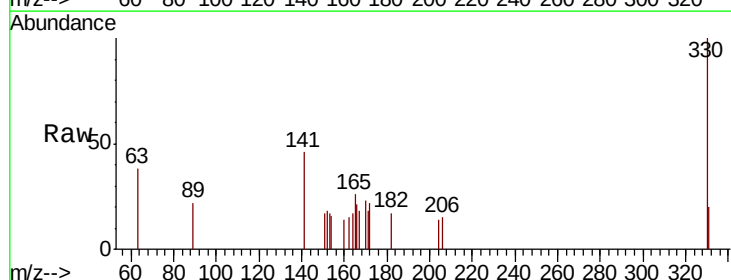
Tgt Ion:330 Resp: 513

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

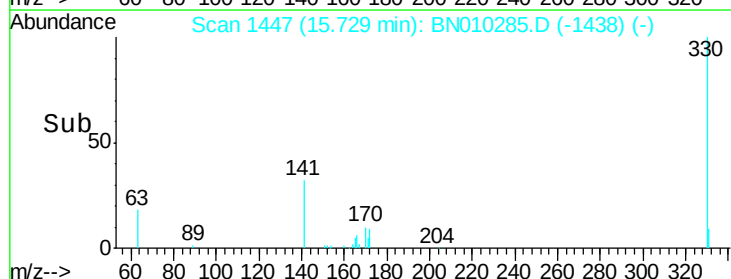
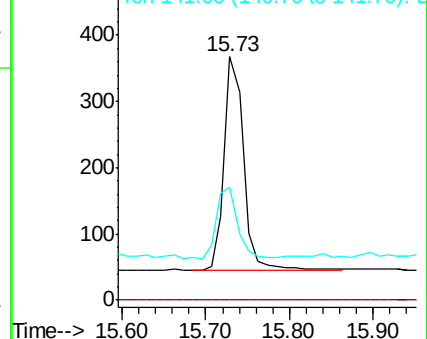
141 36.8 29.3 43.9

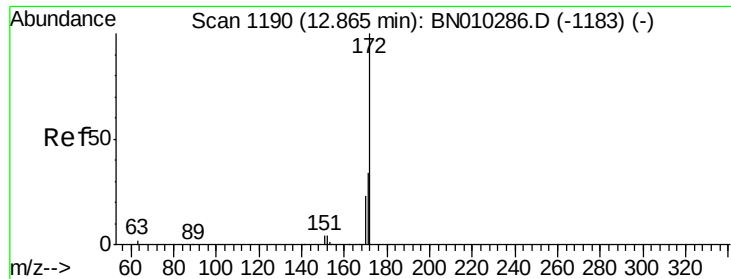


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

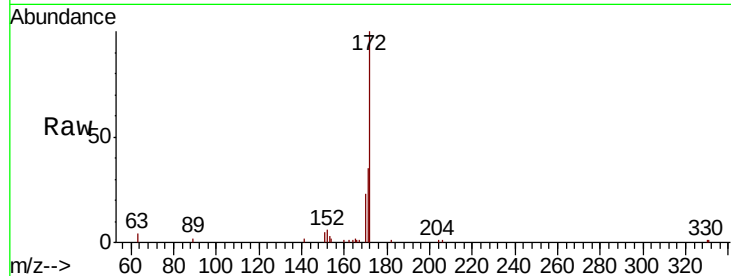




#15
2-Fluorobiphenyl
Concen: 0.221 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010285.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	23.0	18.5	27.7

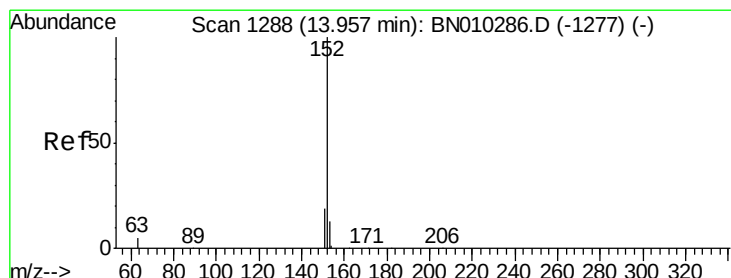
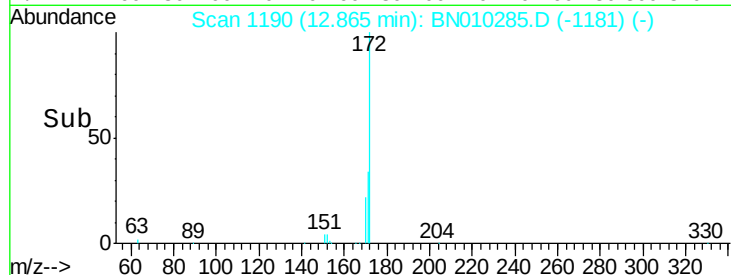
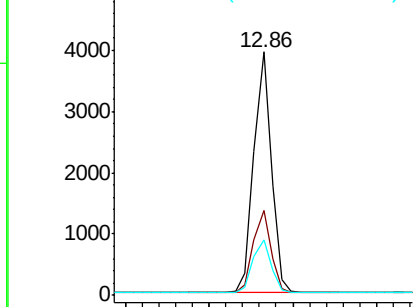


Abundance

Ion 172.00 (171.70 to 172.70): E

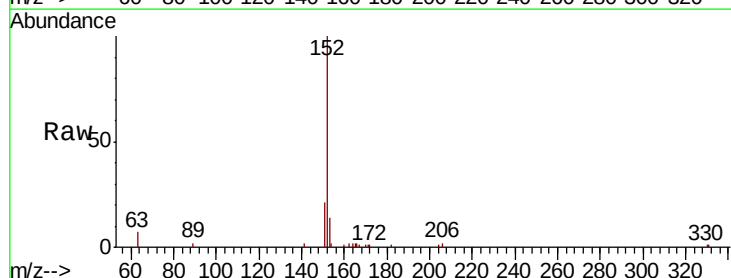
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.158 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010285.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	13.2	10.6	15.8

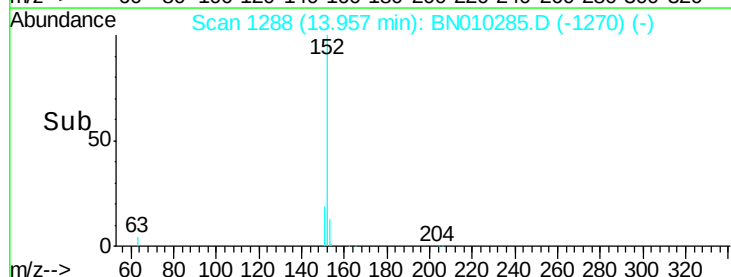
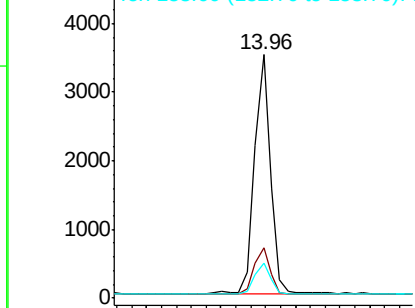


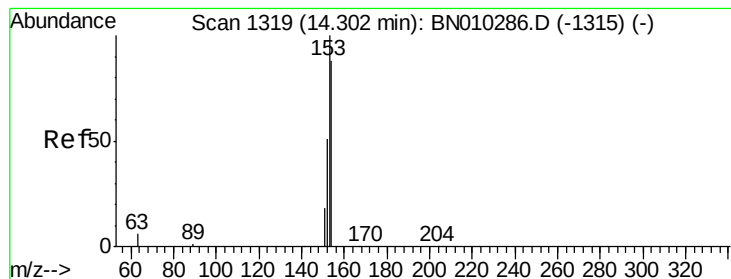
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.193 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

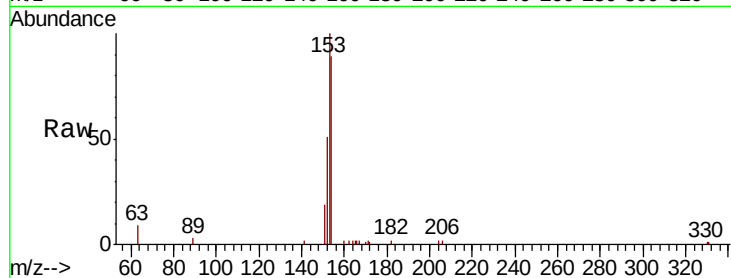
Tot Ion:154 Resp: 3932

Ion Ratio Lower Upper

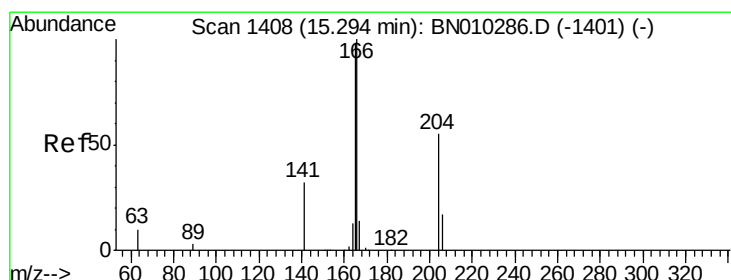
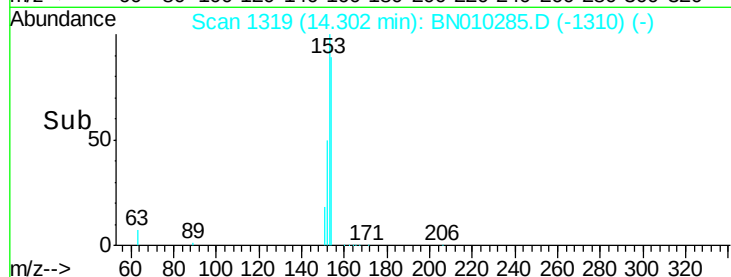
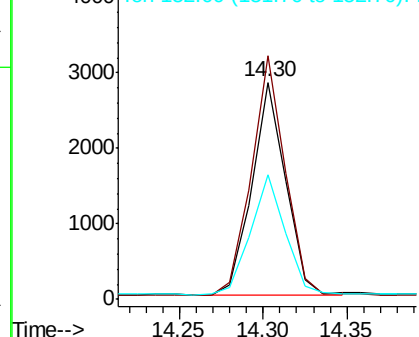
154 100

153 112.4 88.1 132.1

152 58.3 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: 0.192 ng

RT: 15.29 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

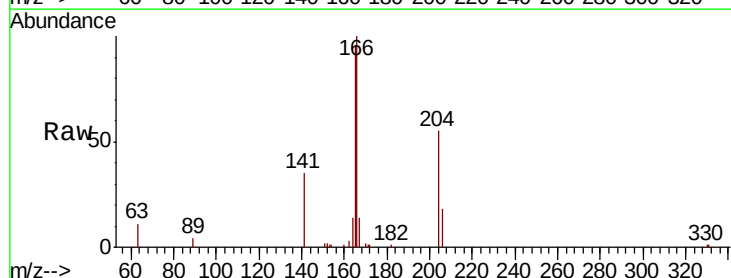
Tgt Ion:166 Resp: 5350

Ion Ratio Lower Upper

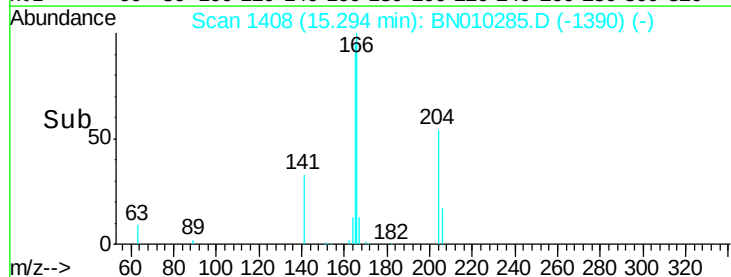
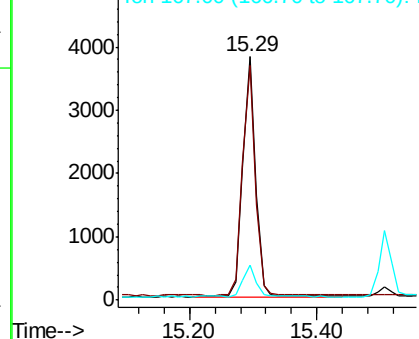
166 100

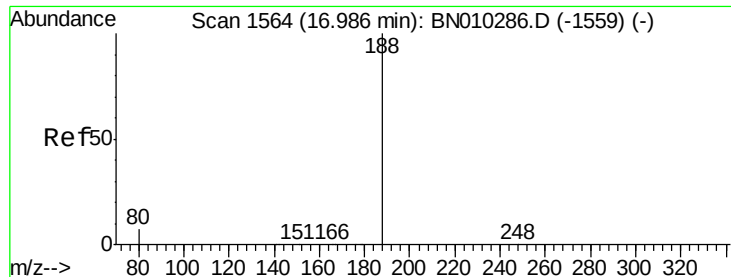
165 96.1 78.7 118.1

167 12.9 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: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

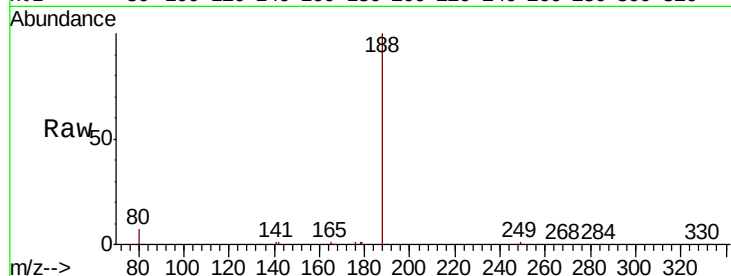
Tot Ion:188 Resp: 17402

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

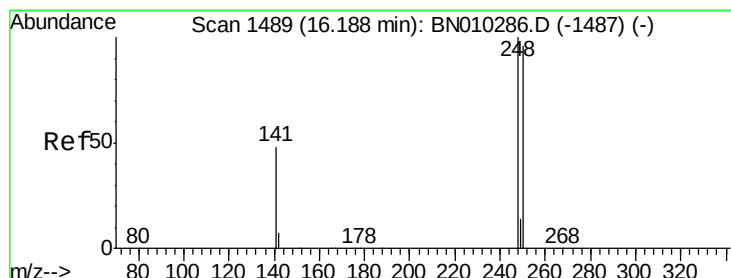
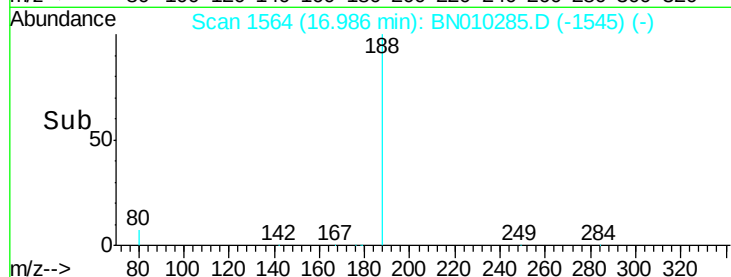
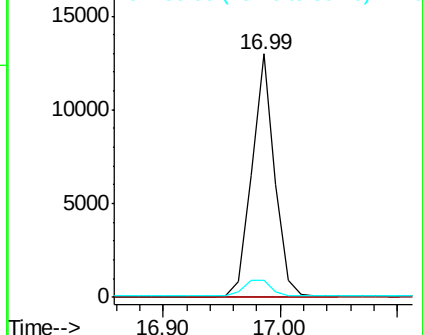
80 7.2 6.0 9.0



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



#20

4-Bromophenyl-phenylether

Concen: 0.203 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

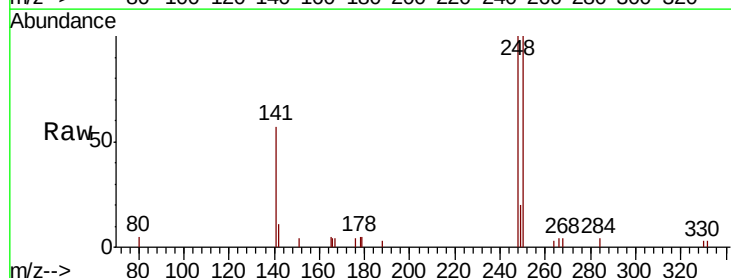
Tgt Ion:248 Resp: 2030

Ion Ratio Lower Upper

248 100

250 99.6 76.8 115.2

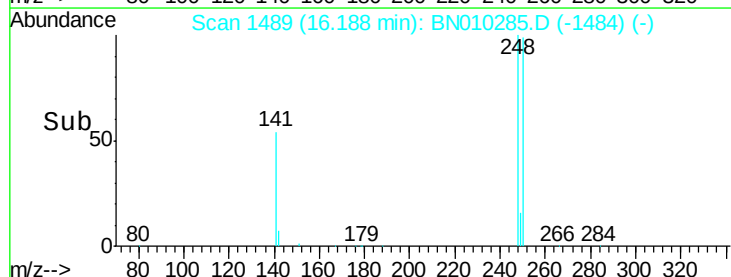
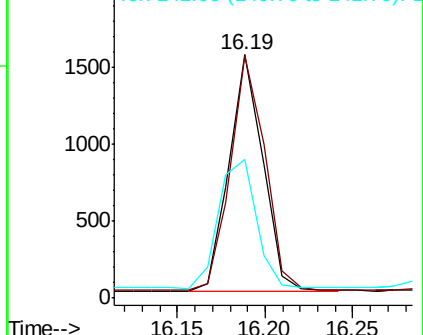
141 56.9 44.4 66.6

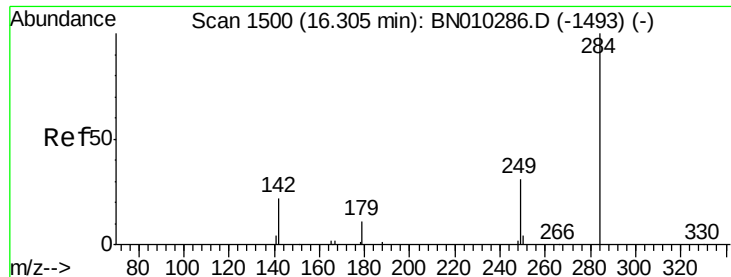


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

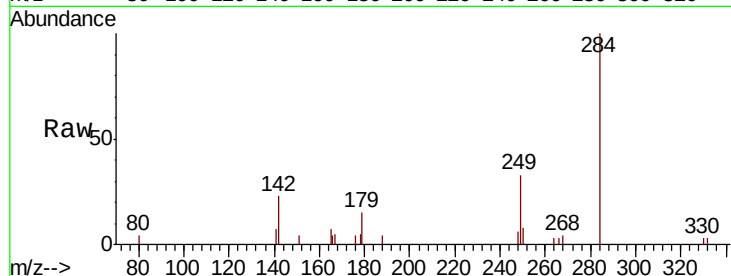




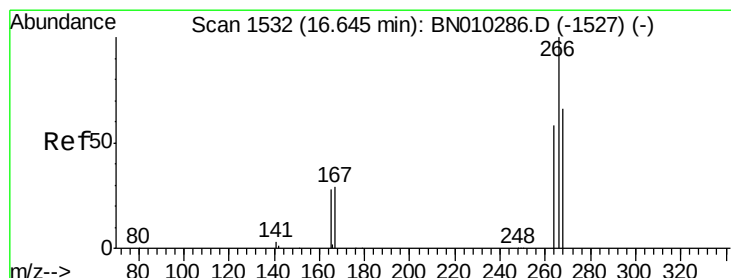
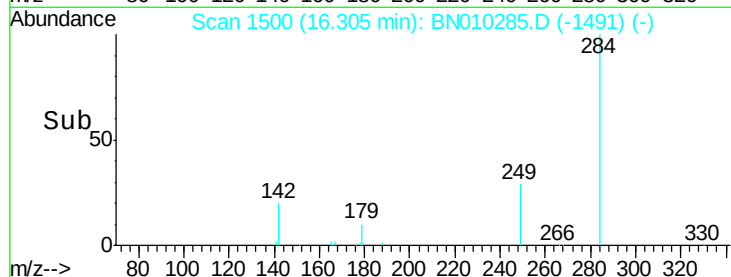
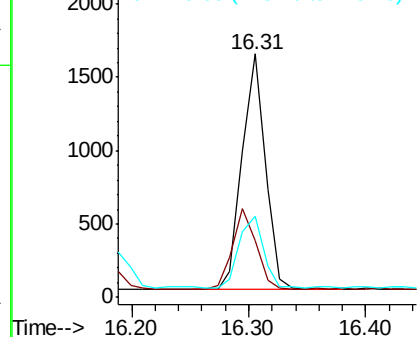
#21
Hexachlorobenzene
Concen: 0.224 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010285.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 2186
Ion Ratio Lower Upper
284 100
142 33.9 27.4 41.2
249 31.9 26.5 39.7

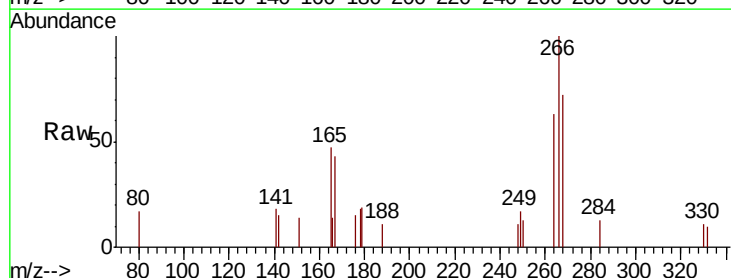


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

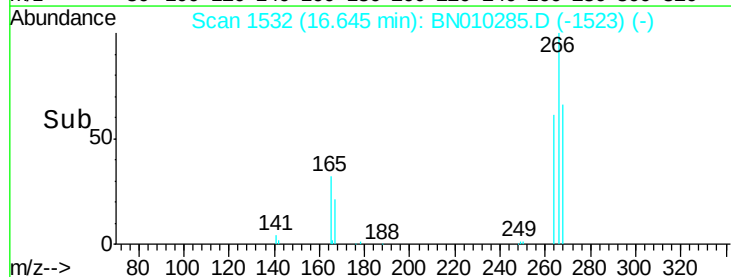
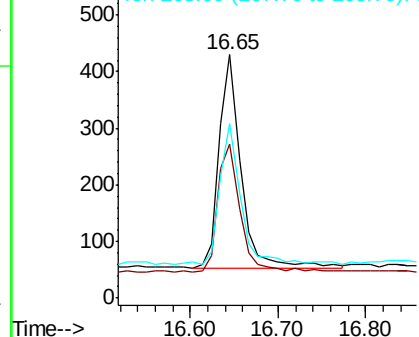


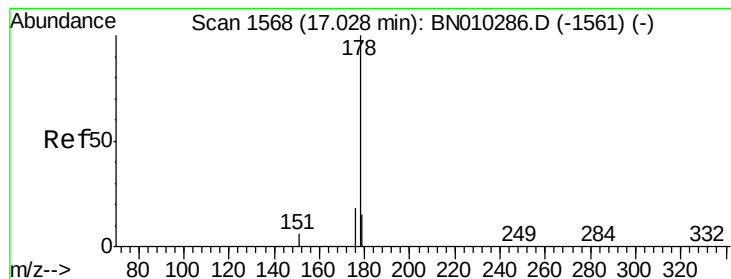
#22
Pentachlorophenol
Concen: 0.222 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010285.D
Acq: 19 Mar 2020 11:40

Tgt Ion:266 Resp: 669
Ion Ratio Lower Upper
266 100
264 63.5 47.7 71.5
268 71.9 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: 0.206 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

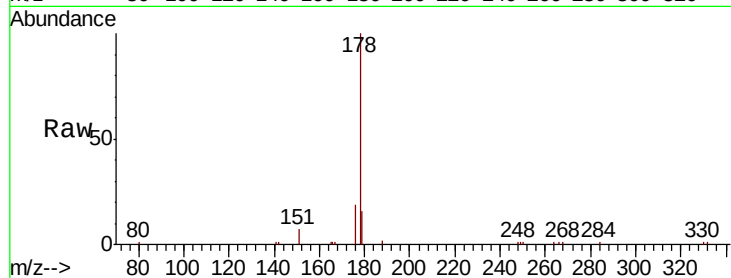
Tot Ion:178 Resp: 9507

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

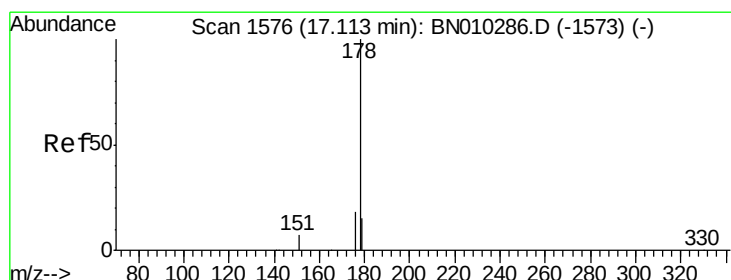
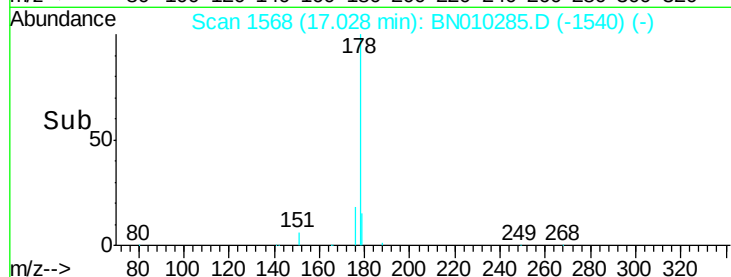
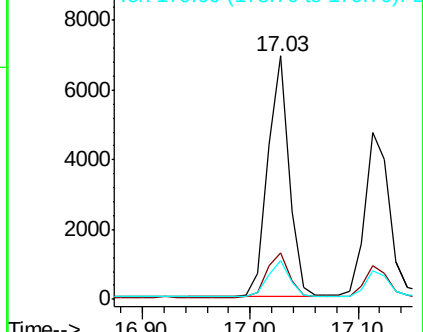
179 15.1 12.4 18.6



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: 0.165 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

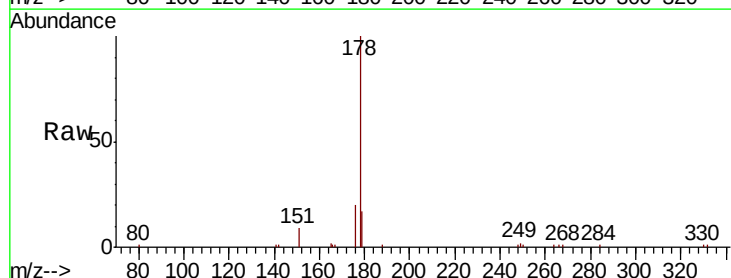
Tgt Ion:178 Resp: 7572

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

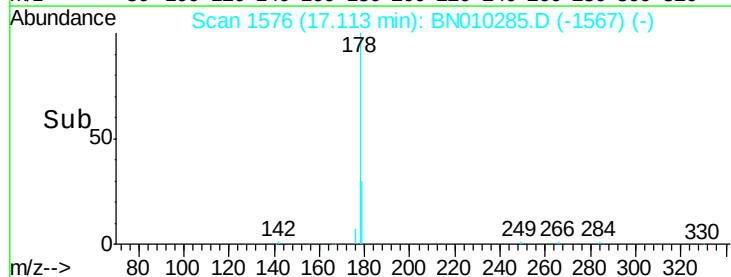
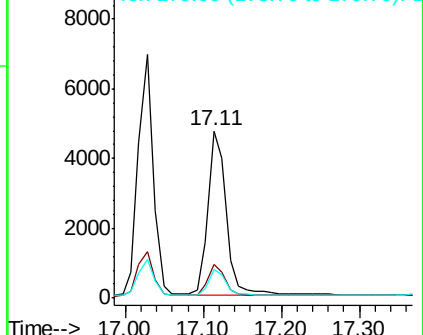
179 15.7 12.3 18.5

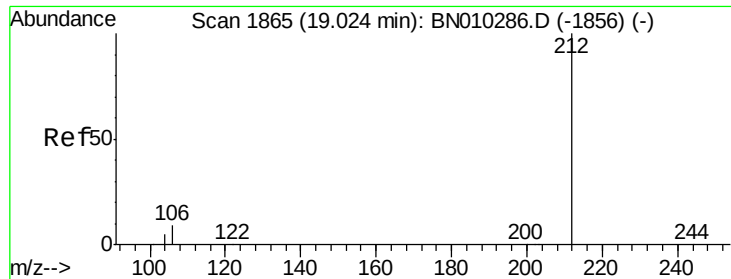


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.191 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

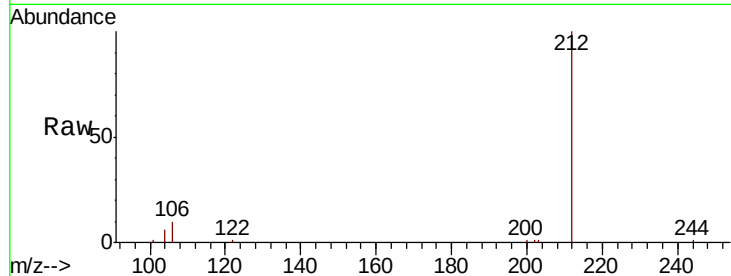
Tot Ion:212 Resp: 10276

Ion Ratio Lower Upper

212 100

106 9.7 7.4 11.2

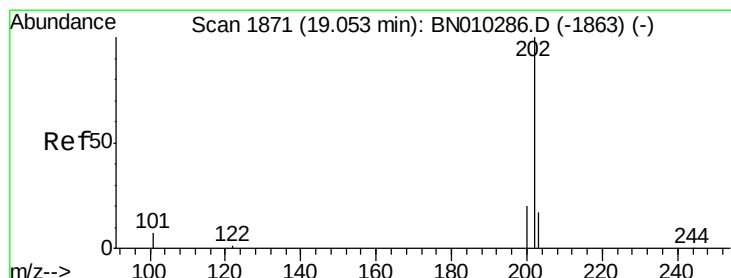
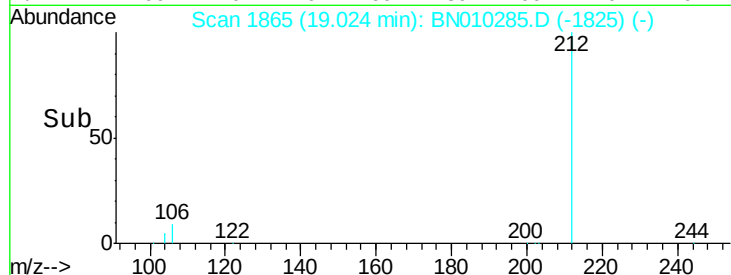
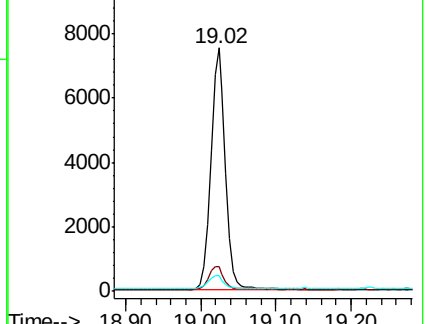
104 5.4 4.2 6.4



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: 0.193 ng

RT: 19.05 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

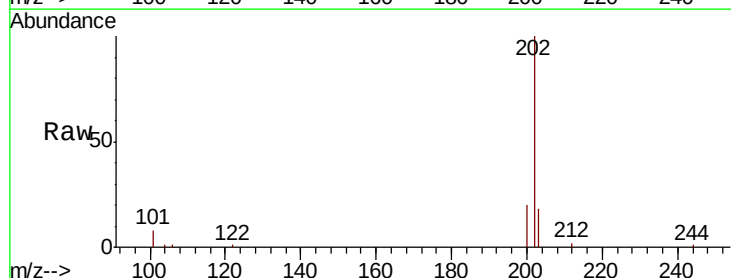
Tgt Ion:202 Resp: 11258

Ion Ratio Lower Upper

202 100

101 8.1 6.6 9.8

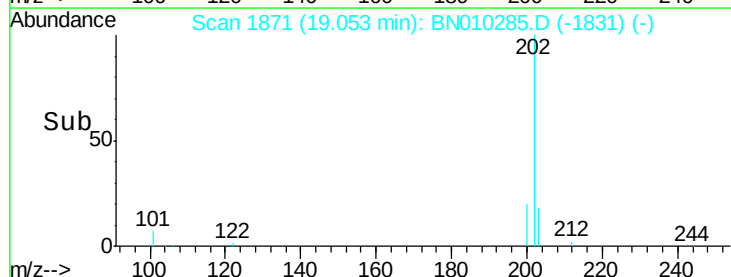
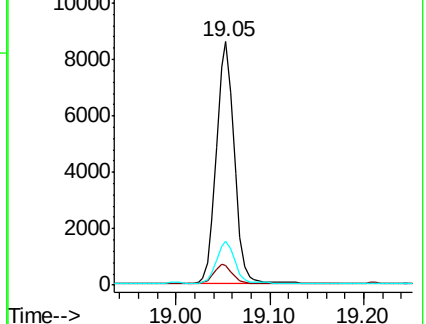
203 17.3 13.8 20.8

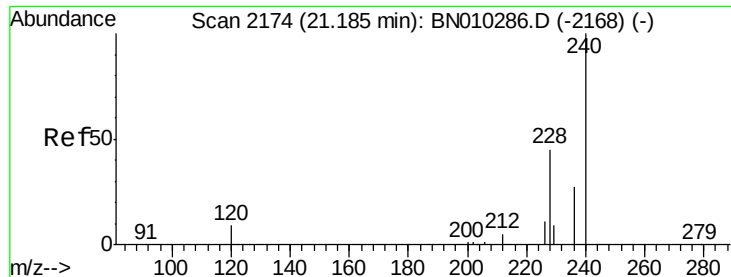


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

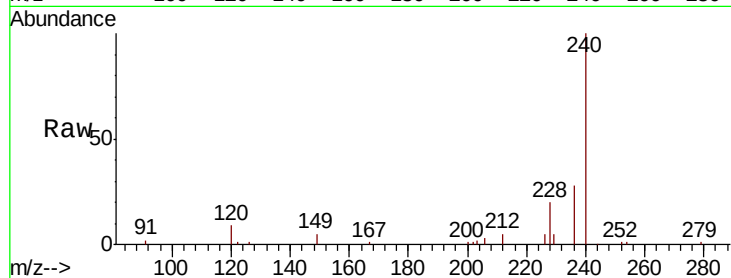




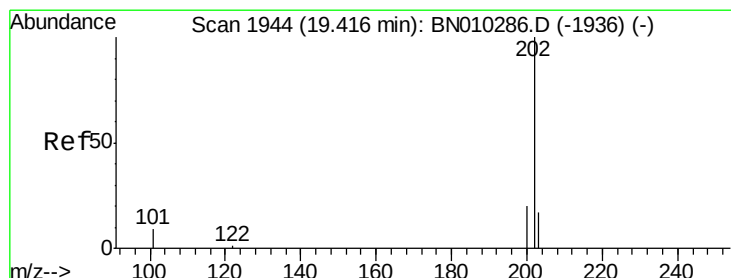
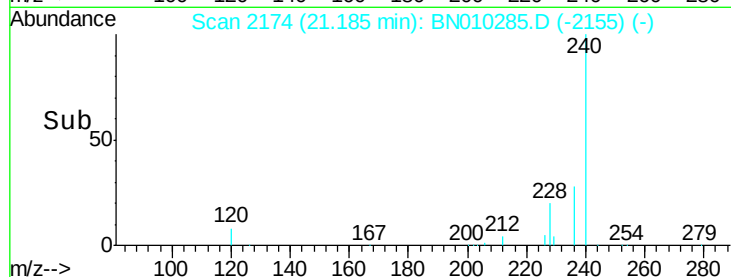
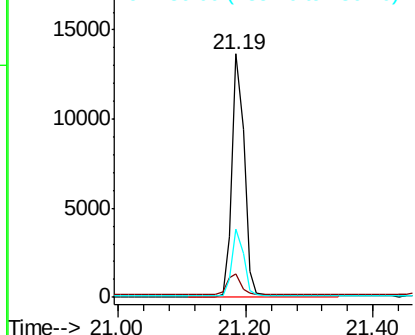
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BN010285.D
 Acq: 19 Mar 2020 11:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:240 Resp: 18182
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.9 11.9
 236 28.0 22.2 33.4

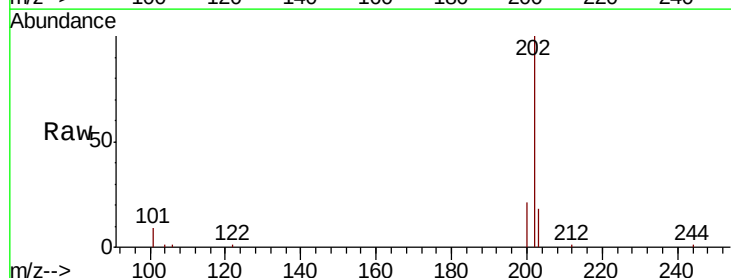


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

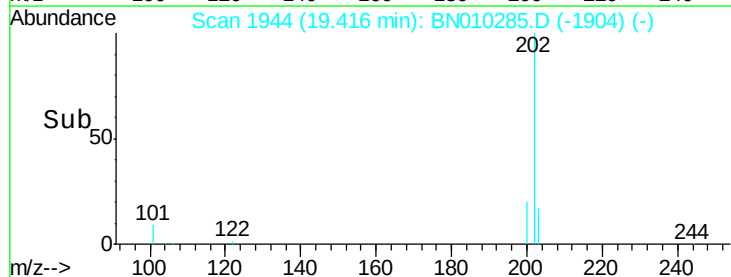
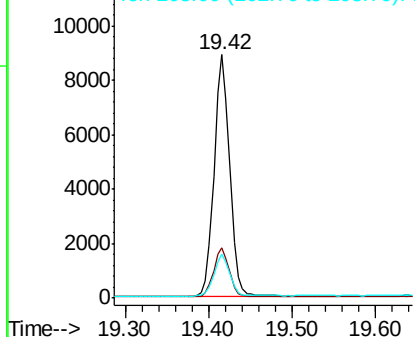


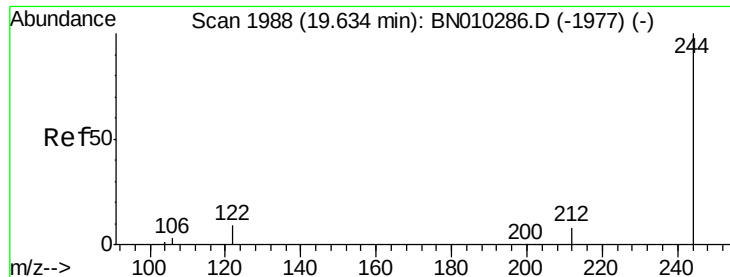
#28
 Pyrene
 Concen: 0.190 ng
 RT: 19.42 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BN010285.D
 Acq: 19 Mar 2020 11:40

Tgt Ion:202 Resp: 11545
 Ion Ratio Lower Upper
 202 100
 200 20.1 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: 0.193 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampled :

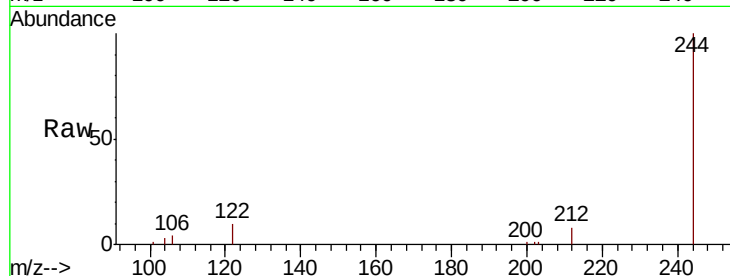
Tot Ion:244 Resp: 8001

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

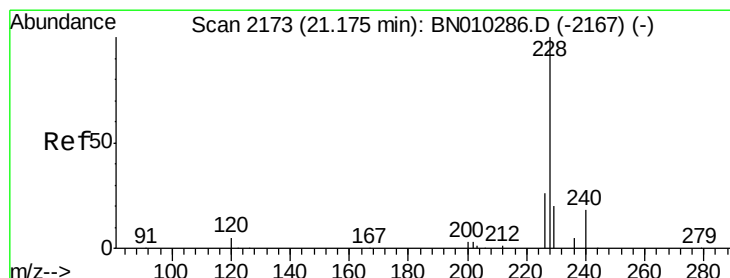
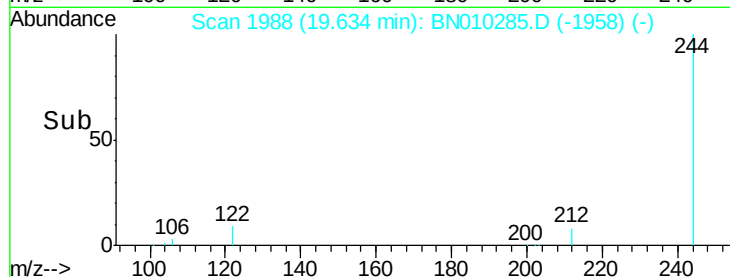
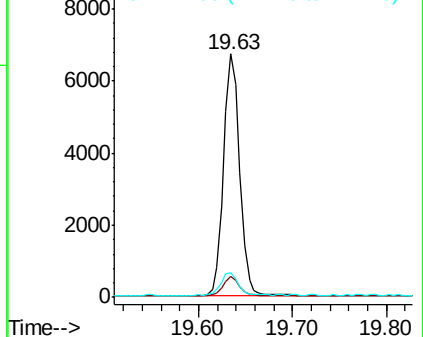
122 10.1 7.6 11.4



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: 0.180 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

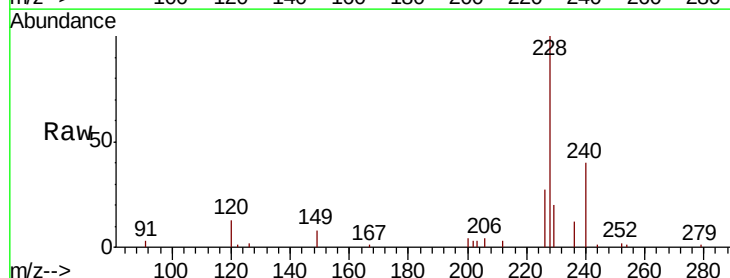
Tgt Ion:228 Resp: 11115

Ion Ratio Lower Upper

228 100

226 26.6 21.0 31.4

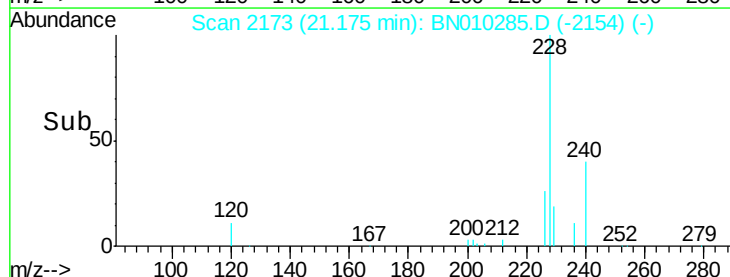
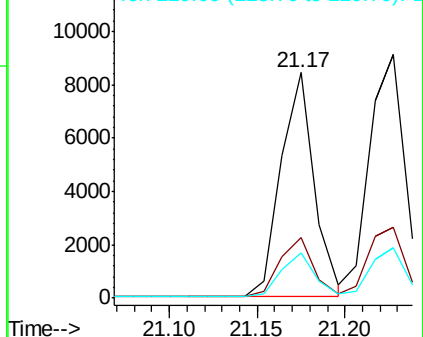
229 20.0 16.0 24.0

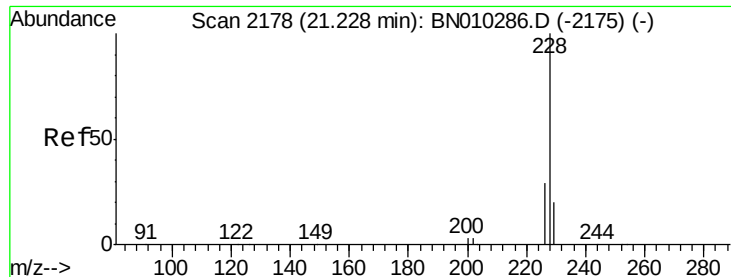


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.211 ng

RT: 21.23 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

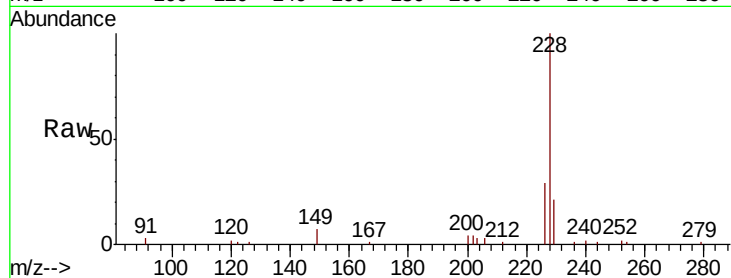
Tot Ion:228 Resp: 12814

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

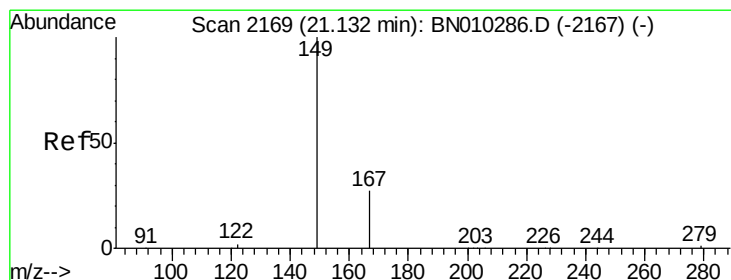
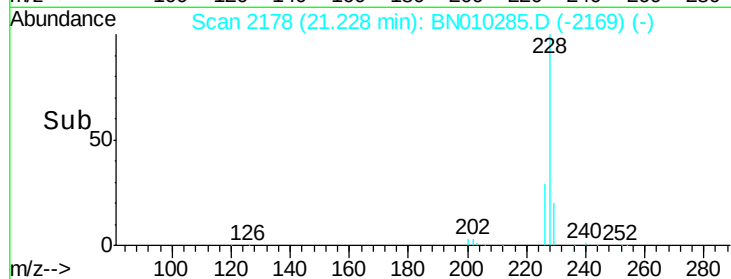
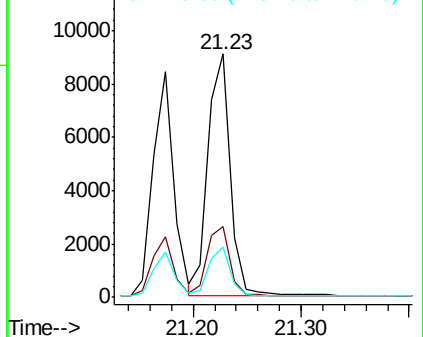
229 20.6 16.0 24.0



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: 0.131 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

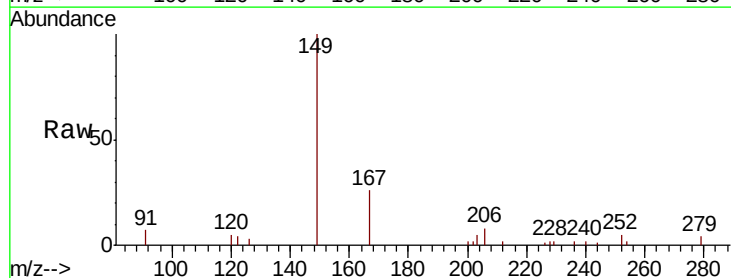
Tgt Ion:149 Resp: 3446

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

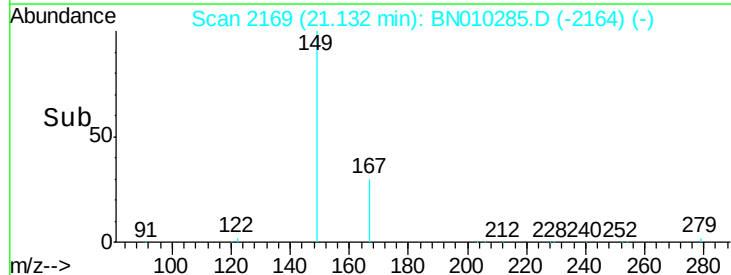
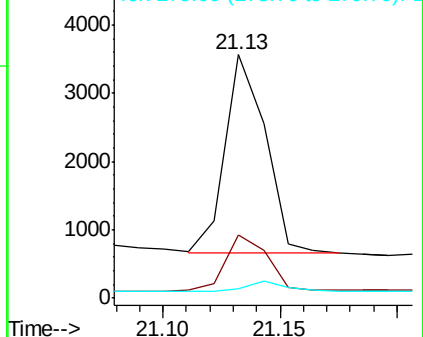
279 4.9 3.8 5.8

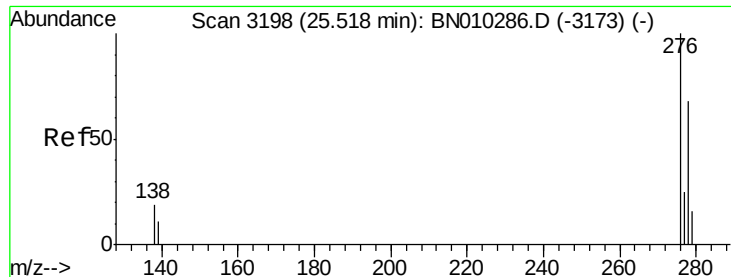


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.177 ng

RT: 25.51 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

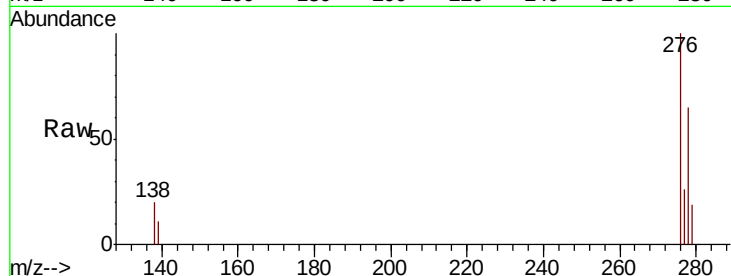
Tot Ion:276 Resp: 12803

Ion Ratio Lower Upper

276 100

138 19.1 15.6 23.4

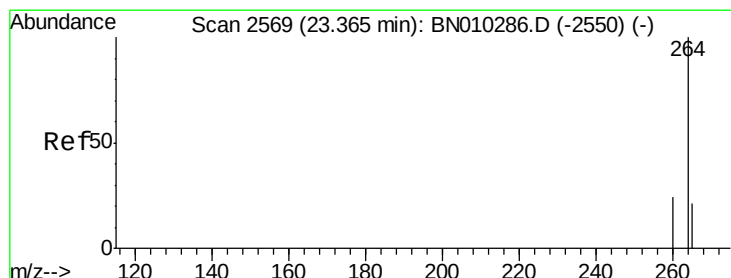
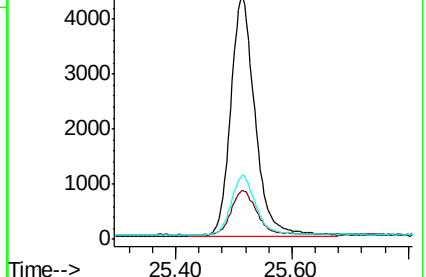
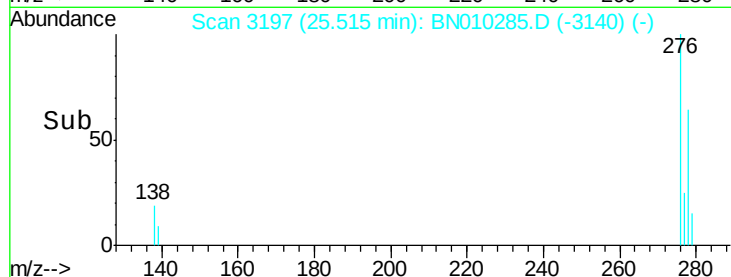
277 24.9 20.1 30.1



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: 23.37 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

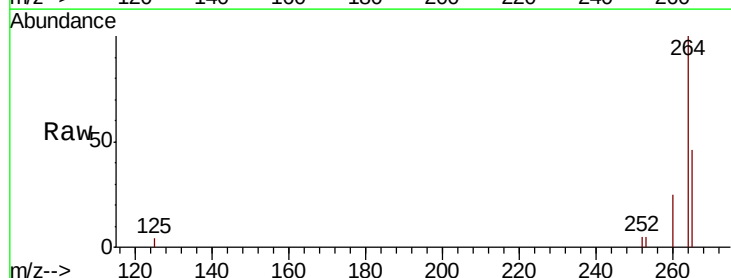
Tgt Ion:264 Resp: 17727

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

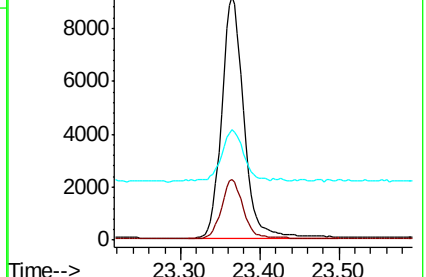
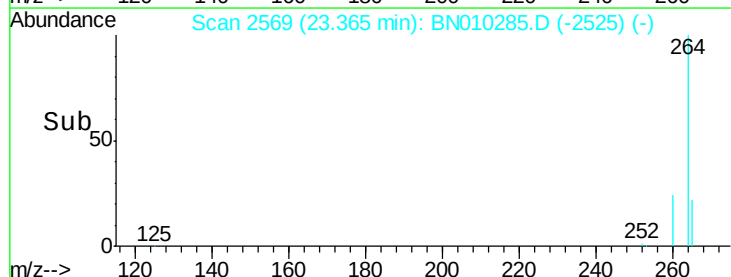
265 45.6 32.4 48.6

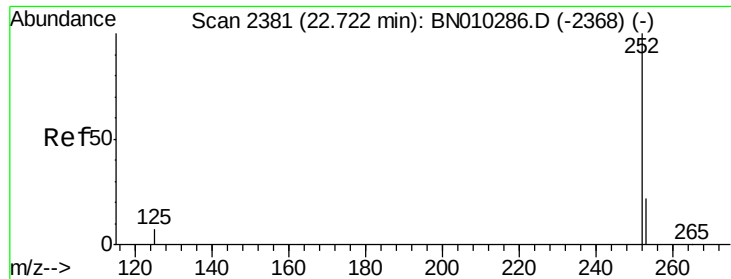


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.221 ng

RT: 22.72 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

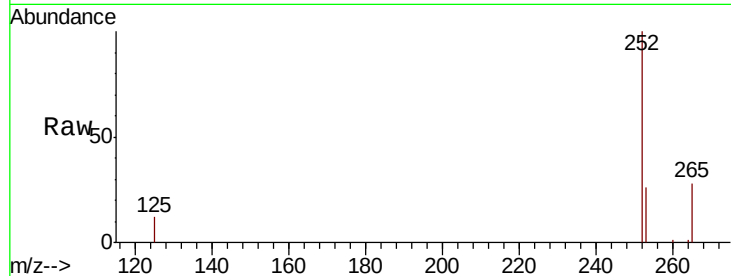
Tot Ion:252 Resp: 12075

Ion Ratio Lower Upper

252 100

253 26.3 19.2 28.8

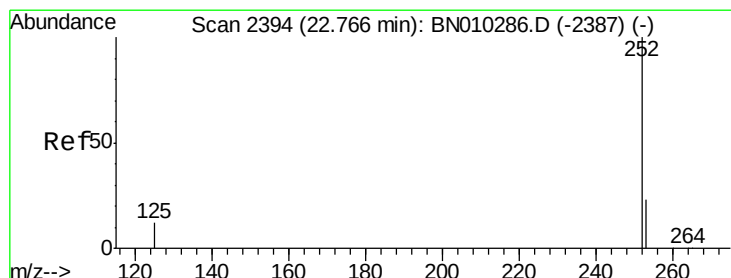
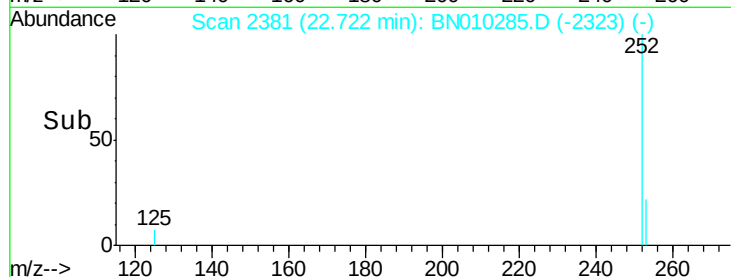
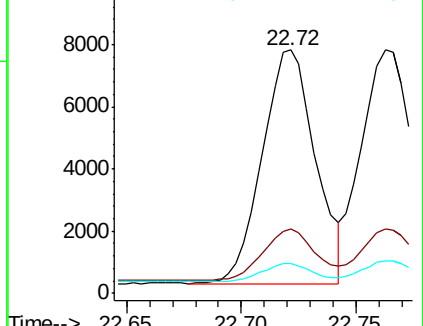
125 12.1 7.4 11.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.223 ng

RT: 22.76 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

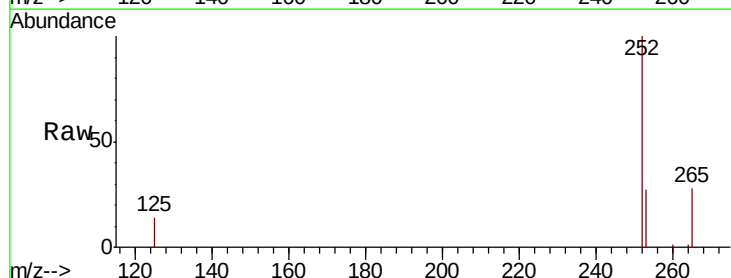
Tgt Ion:252 Resp: 12284

Ion Ratio Lower Upper

252 100

253 26.6 19.4 29.0

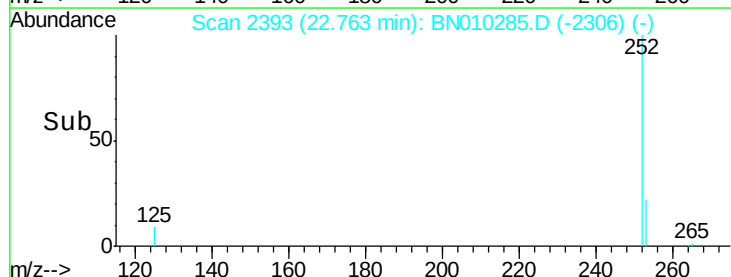
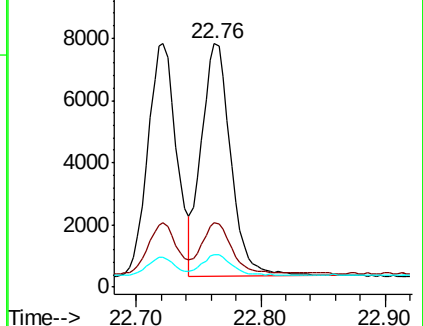
125 13.5 10.2 15.2

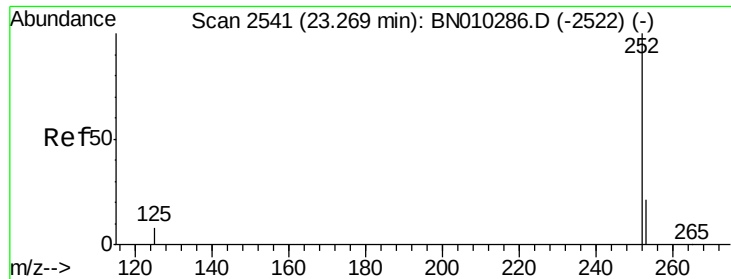


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.188 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :

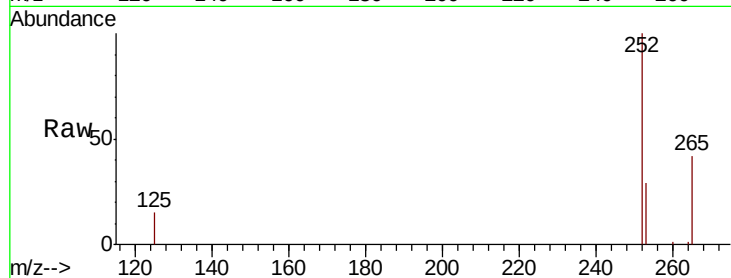
Tot Ion:252 Resp: 9664

Ion Ratio Lower Upper

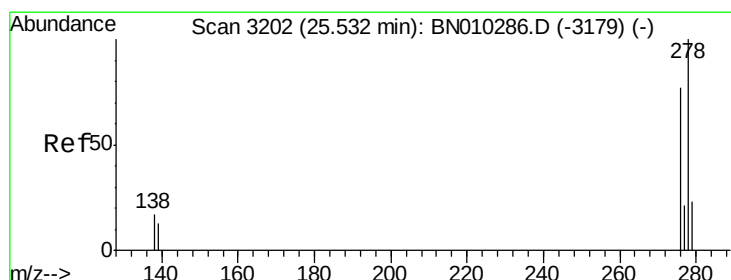
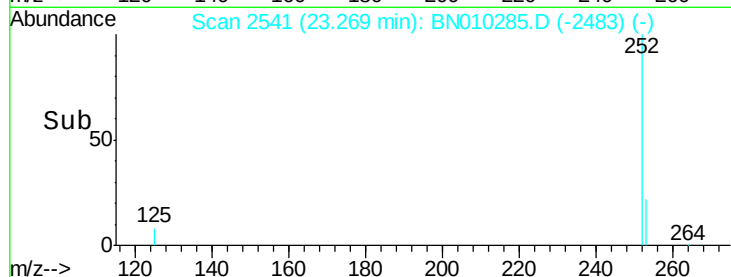
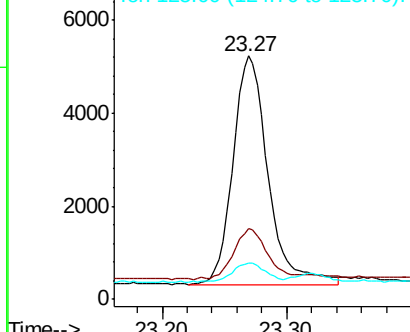
252 100

253 28.9 19.9 29.9

125 14.8 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: 0.201 ng

RT: 25.53 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

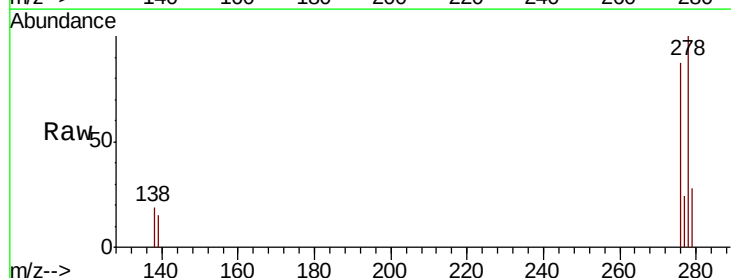
Tgt Ion:278 Resp: 10376

Ion Ratio Lower Upper

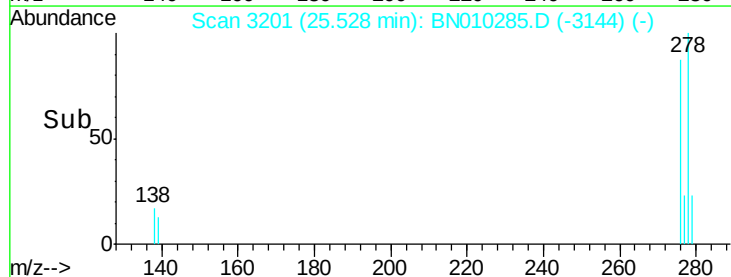
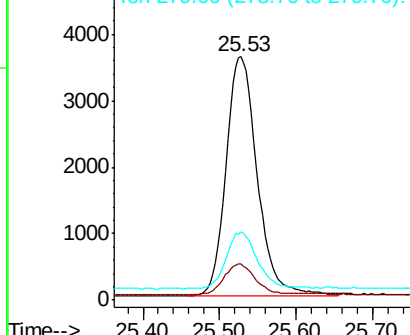
278 100

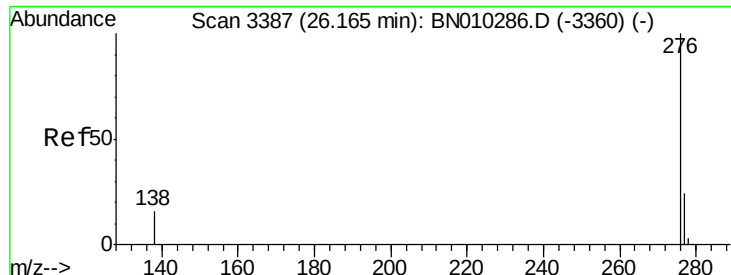
139 14.8 10.6 16.0

279 27.8 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: 0.211 ng

RT: 26.16 min Scan# 3387

Delta R.T. 0.00 min

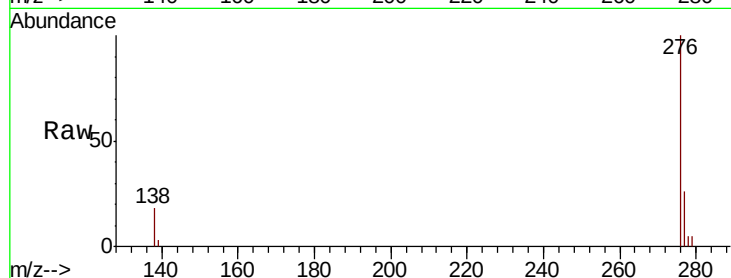
Lab File: BN010285.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 10873

Ion Ratio Lower Upper

276 100

277 25.8 19.6 29.4

138 18.1 13.3 19.9

