

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010291.D
 Acq On : 19 Mar 2020 15:38
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 19:21:38 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	4350	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14873	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9300	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	21639	0.40	ng	0.00
27) Chrysene-d12	21.20	240	23573	0.40	ng	0.01
34) Perylene-d12	23.37	264	24257	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3427	0.40	ng	0.00
5) Phenol-d6	6.79	99	4153	0.39	ng	0.00
8) Nitrobenzene-d5	8.74	82	3781	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9441	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1295	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	13911	0.39	ng	0.00
25) Fluoranthene-d10	19.02	212	25090	0.38	ng	0.00
29) Terphenyl-d14	19.63	244	19893	0.39	ng	0.00

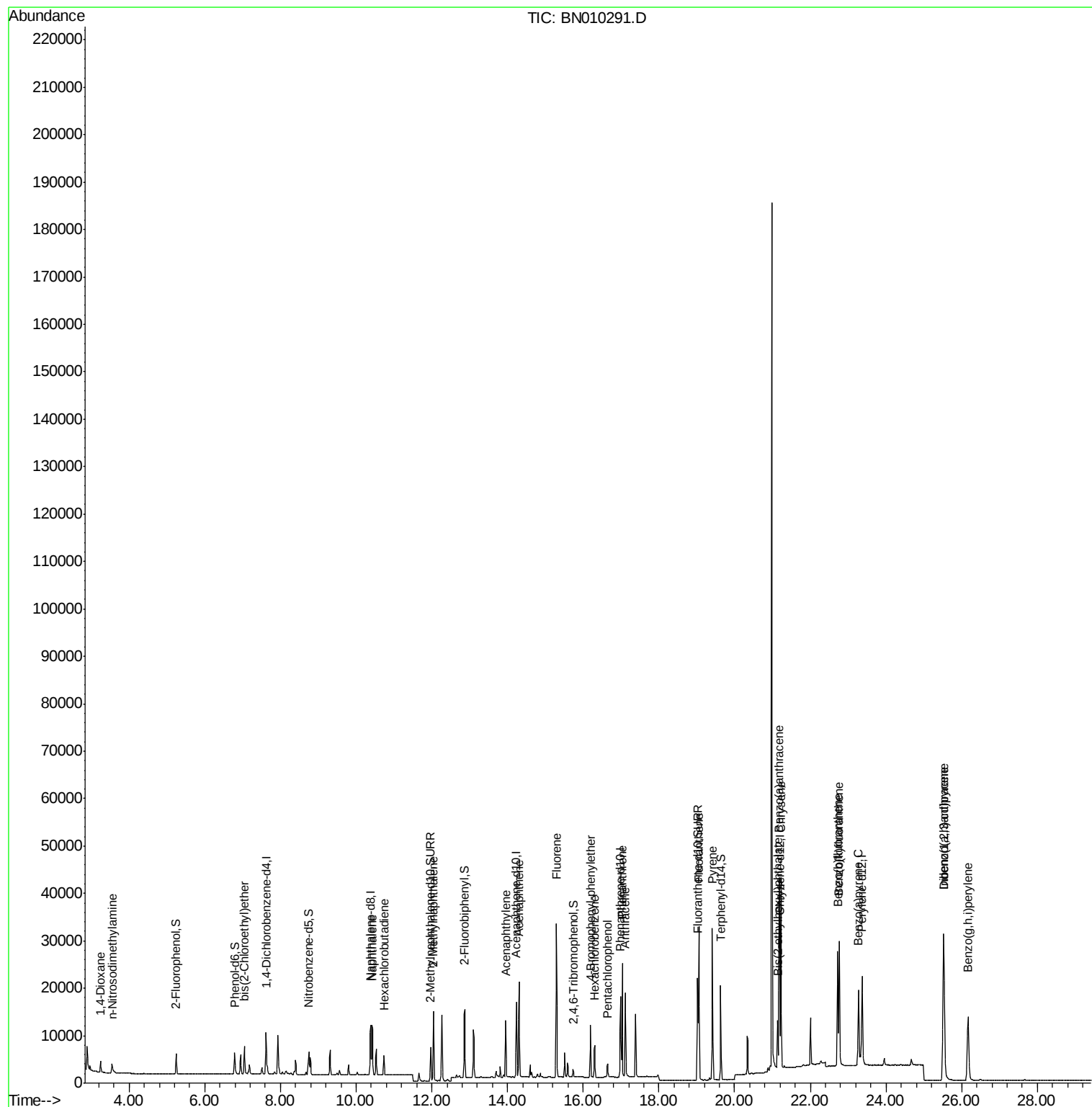
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1713	0.419	ng	99
3) n-Nitrosodimethylamine	3.55	42	1584	0.459	ng	# 99
6) bis(2-Chloroethyl)ether	7.05	93	4382	0.426	ng	98
9) Naphthalene	10.42	128	14940	0.403	ng	98
10) Hexachlorobutadiene	10.73	225	3602	0.401	ng	# 98
12) 2-Methylnaphthalene	12.05	142	10255	0.399	ng	99
16) Acenaphthylene	13.96	152	13406	0.367	ng	100
17) Acenaphthene	14.30	154	10107	0.389	ng	100
18) Fluorene	15.29	166	13201	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	5191	0.395	ng	97
21) Hexachlorobenzene	16.31	284	5430	0.403	ng	99
22) Pentachlorophenol	16.65	266	1603	0.347	ng	97
23) Phenanthrene	17.03	178	23601	0.397	ng	99
24) Anthracene	17.11	178	19399	0.381	ng	100
26) Fluoranthene	19.05	202	28376	0.389	ng	100
28) Pyrene	19.42	202	28511	0.388	ng	100
30) Benzo(a)anthracene	21.17	228	29345	0.391	ng	99
31) Chrysene	21.23	228	32274	0.401	ng	100
32) Bis(2-ethylhexyl)phthalate	21.14	149	10285	0.406	ng	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	36729	0.426	ng	100
35) Benzo(b)fluoranthene	22.72	252	30424	0.369	ng	99
36) Benzo(k)fluoranthene	22.77	252	32002	0.382	ng	100
37) Benzo(a)pyrene	23.27	252	25123	0.361	ng	100
38) Dibenzo(a,h)anthracene	25.53	278	30114	0.401	ng	99
39) Benzo(g,h,i)perylene	26.17	276	28256	0.373	ng	99

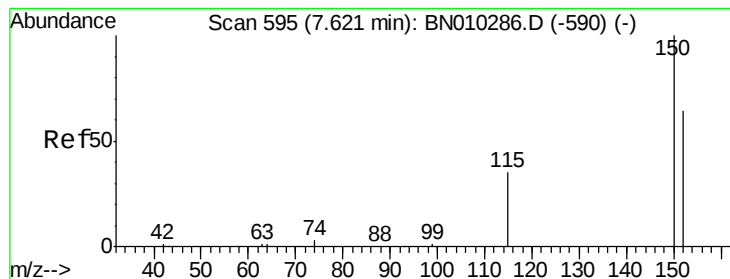
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 594

Delta R.T. -0.01 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampled :

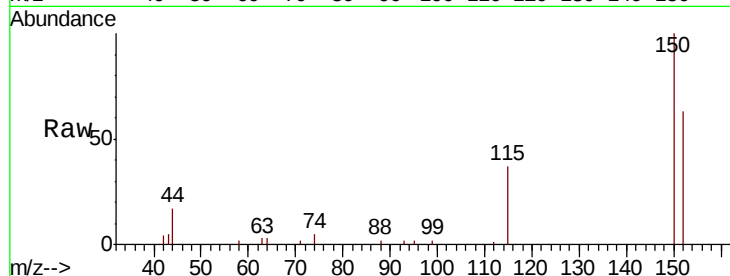
Tot Ion:152 Resp: 4350

Ion Ratio Lower Upper

152 100

150 158.5 123.1 184.7

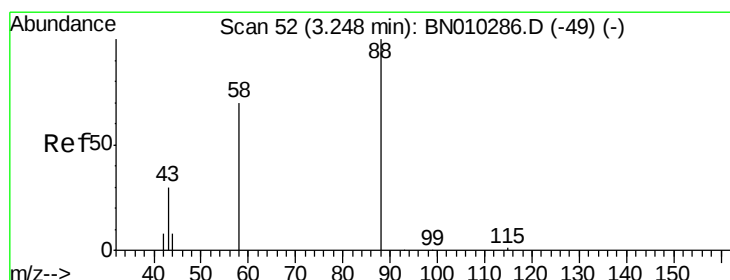
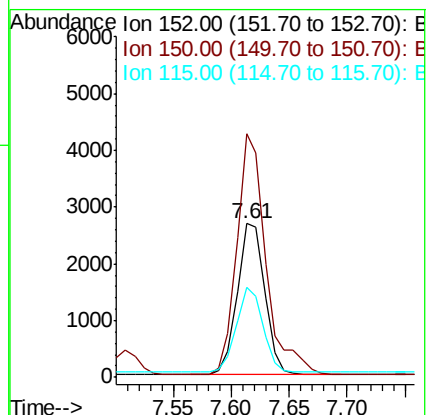
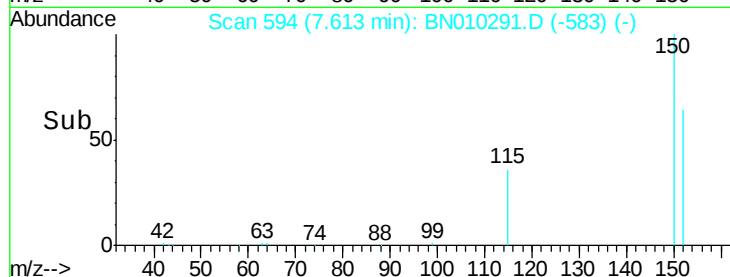
115 58.6 45.2 67.8



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: 0.419 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

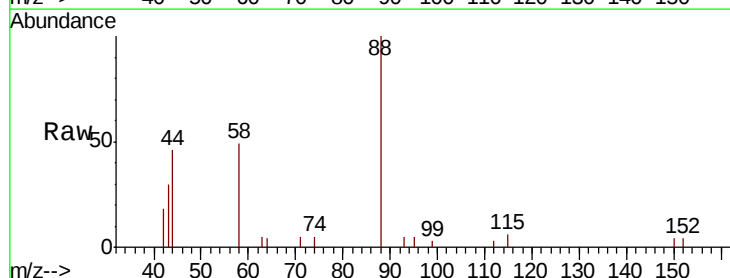
Tgt Ion: 88 Resp: 1713

Ion Ratio Lower Upper

88 100

58 65.4 51.7 77.5

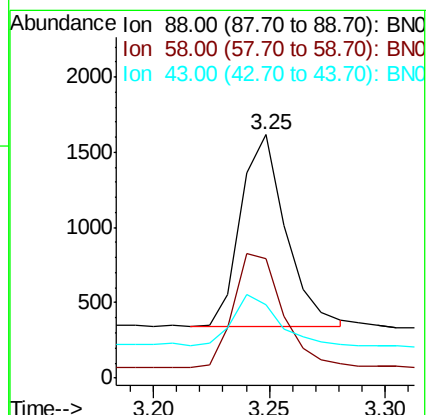
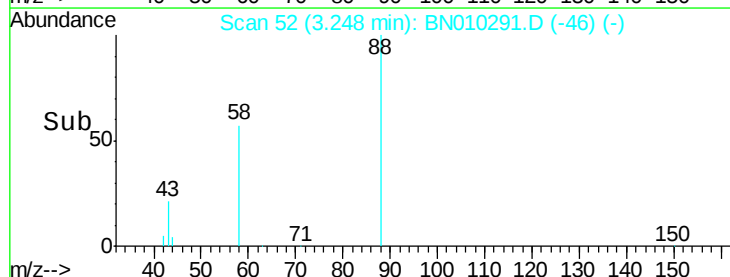
43 26.3 21.2 31.8

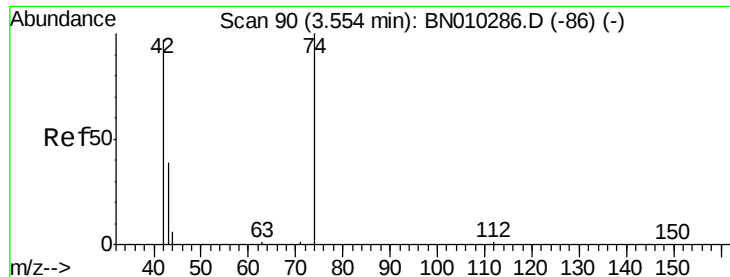


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.459 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.01 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

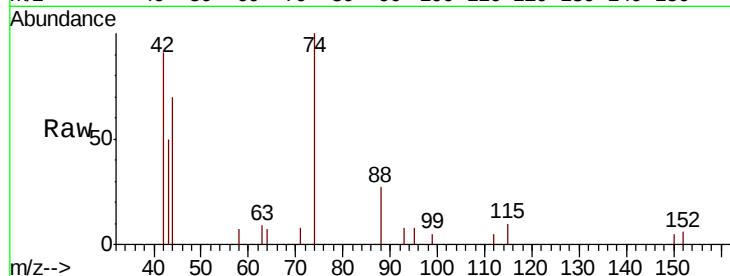
Tot Ion: 42 Resp: 1584

Ion Ratio Lower Upper

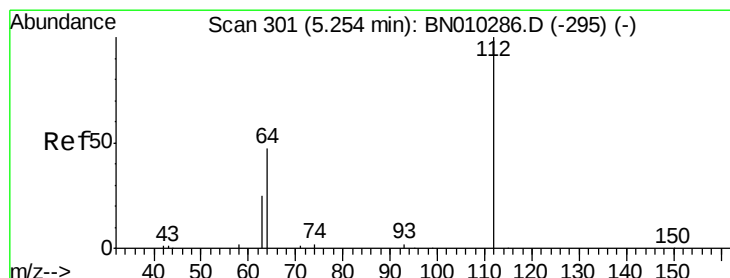
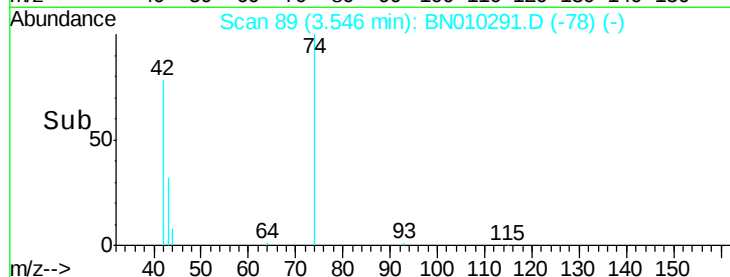
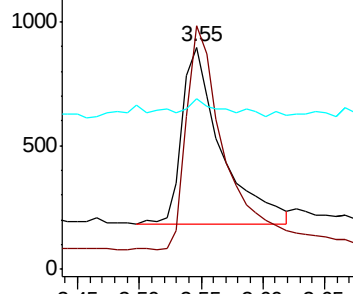
42 100

74 124.6 99.4 149.0

44 9.5 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: 0.398 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.01 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

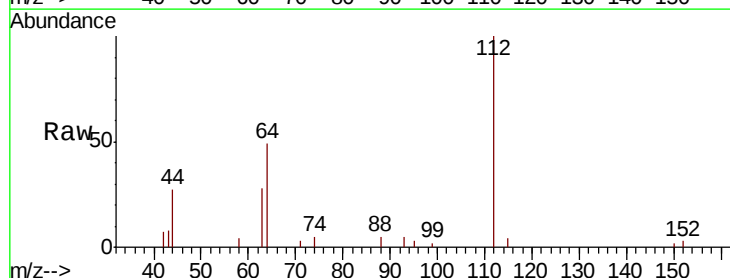
Tgt Ion: 112 Resp: 3427

Ion Ratio Lower Upper

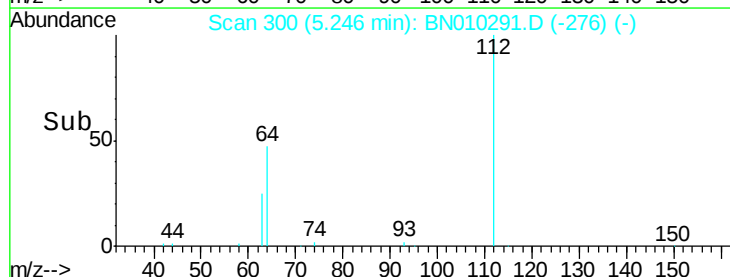
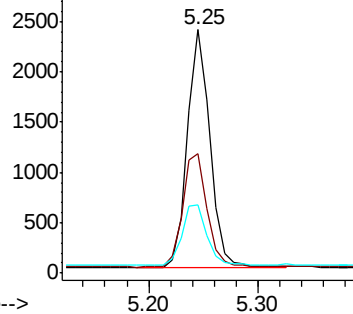
112 100

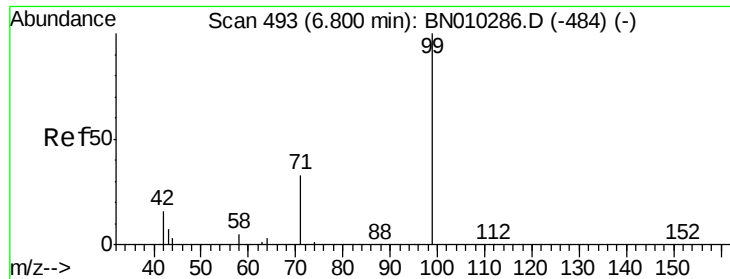
64 52.0 41.4 62.2

63 27.3 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: 0.388 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

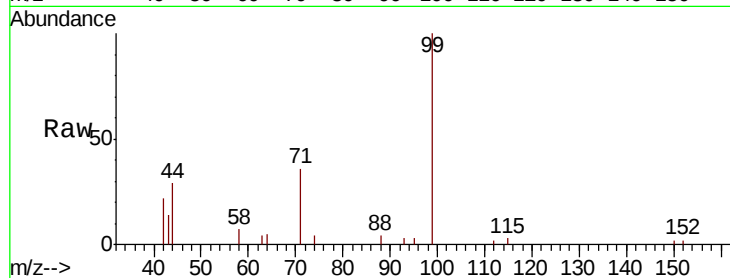
Tot Ion: 99 Resp: 4153

Ion Ratio Lower Upper

99 100

42 21.0 14.8 22.2

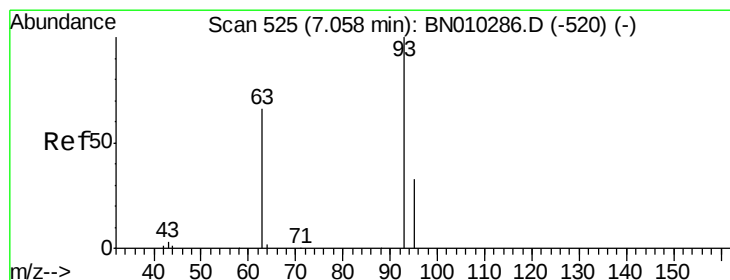
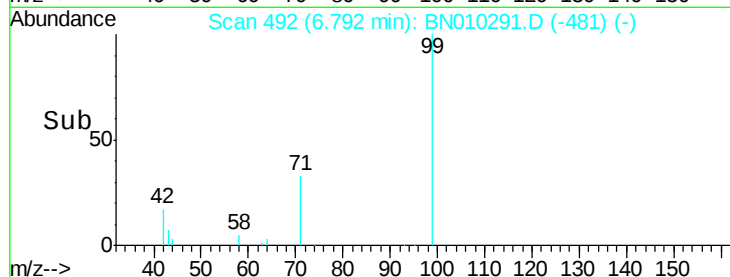
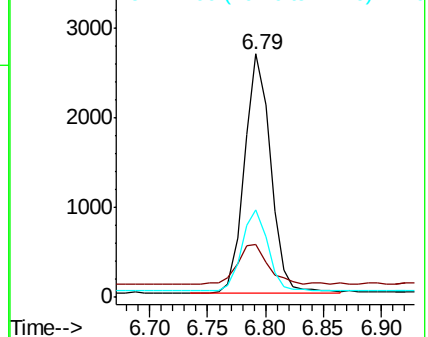
71 34.6 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.426 ng

RT: 7.05 min Scan# 524

Delta R.T. -0.01 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

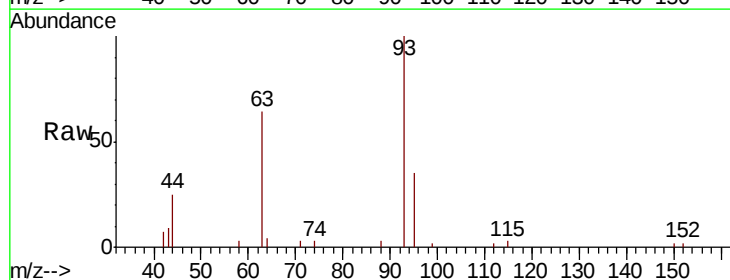
Tgt Ion: 93 Resp: 4382

Ion Ratio Lower Upper

93 100

63 67.3 55.6 83.4

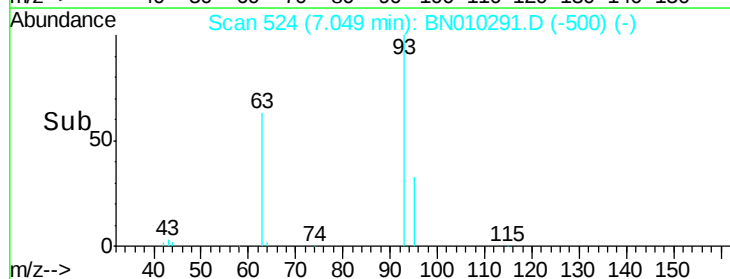
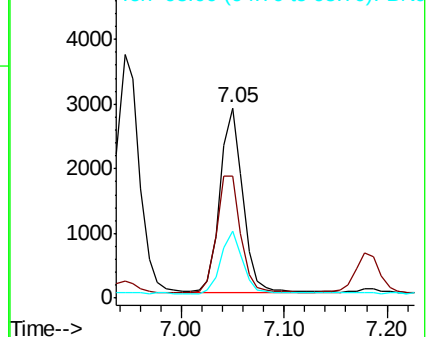
95 32.5 26.2 39.4

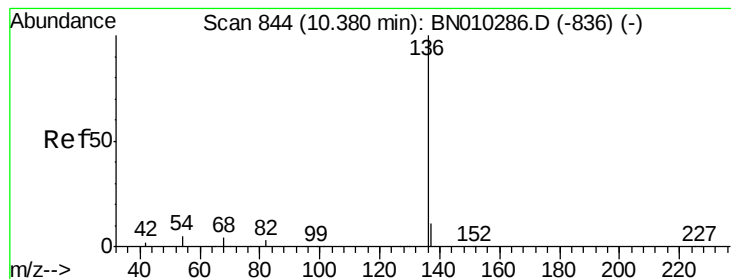


Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BN010286.D (-520) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14873

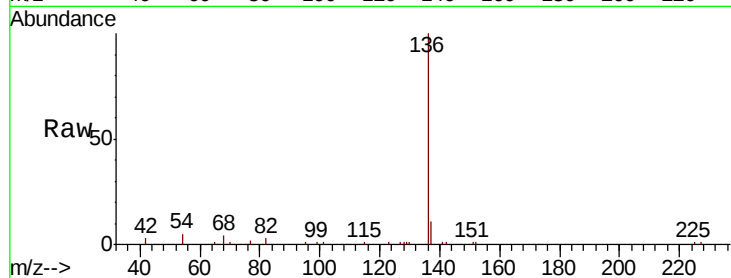
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 4.7 4.8 7.2#

68 4.4 4.1 6.1

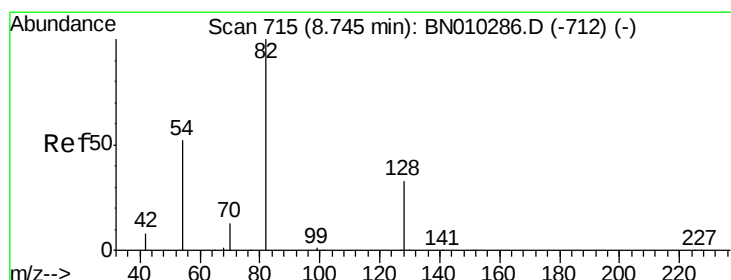
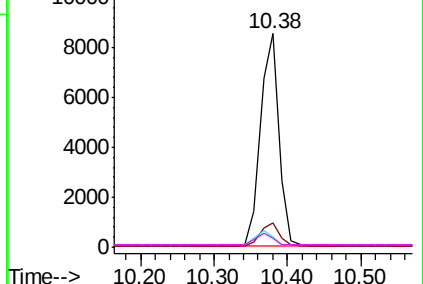
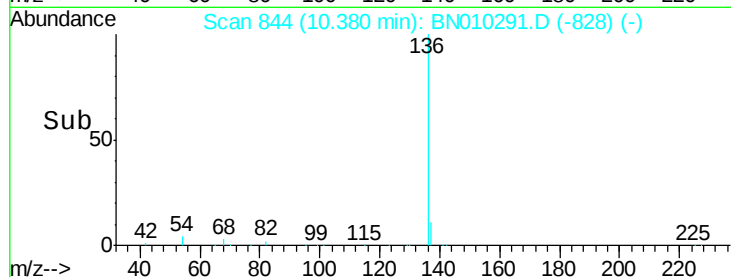


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

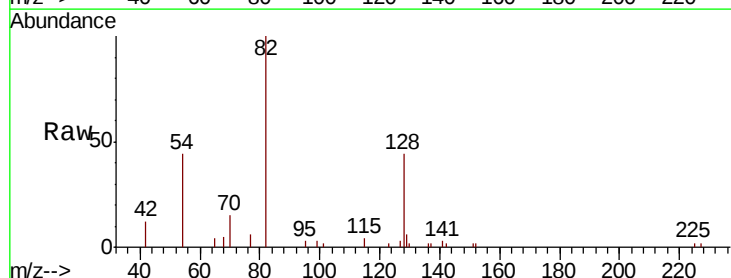
Tgt Ion: 82 Resp: 3781

Ion Ratio Lower Upper

82 100

128 43.8 28.8 43.2#

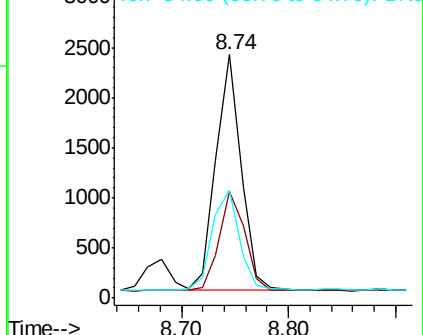
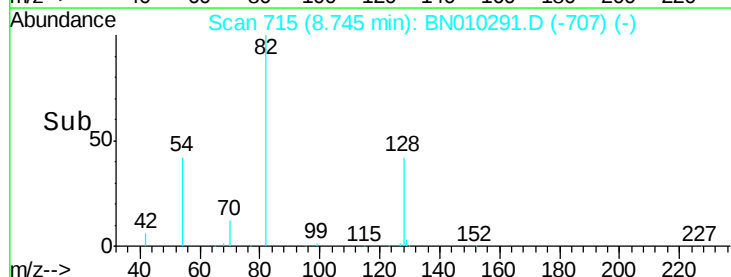
54 44.3 42.1 63.1

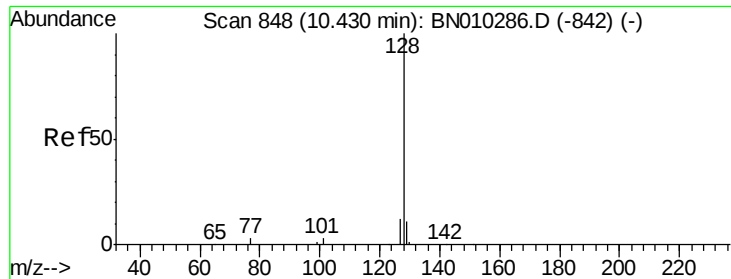


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.403 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

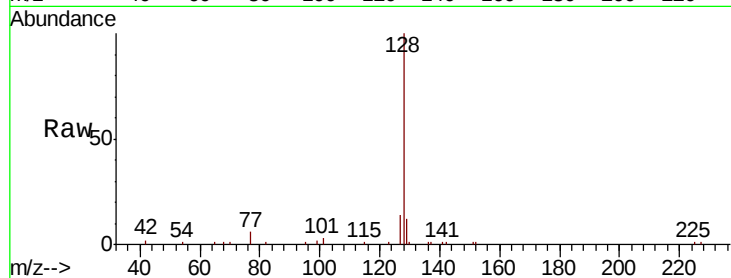
Tot Ion:128 Resp: 14940

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

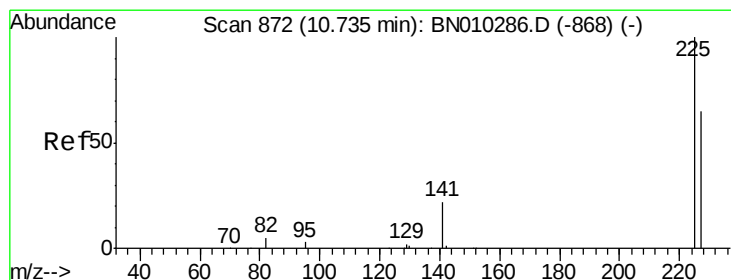
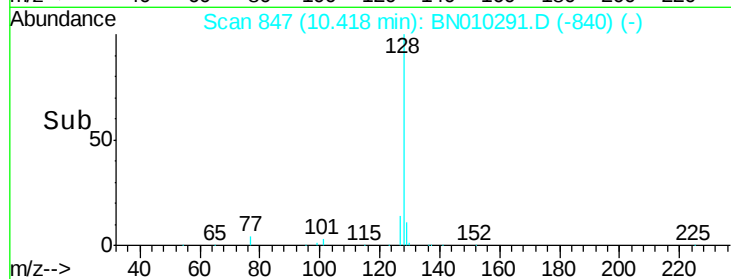
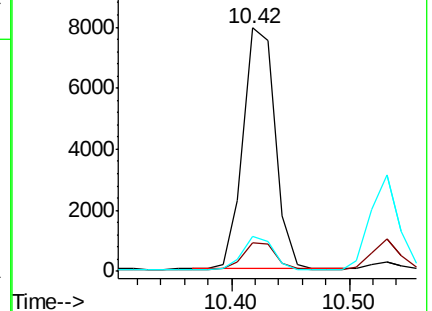
127 14.2 10.4 15.6



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: 0.401 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

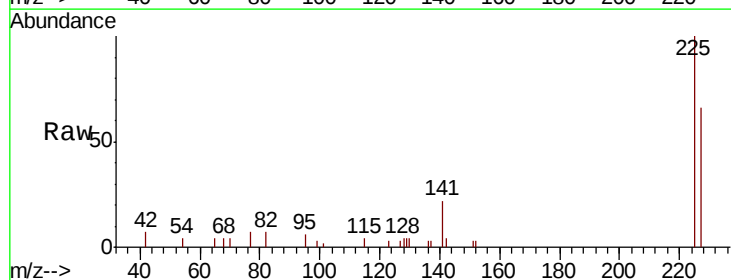
Tgt Ion:225 Resp: 3602

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

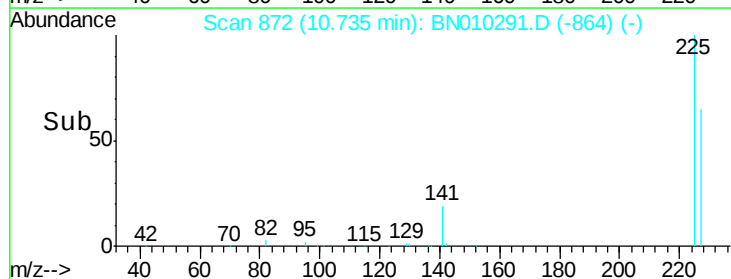
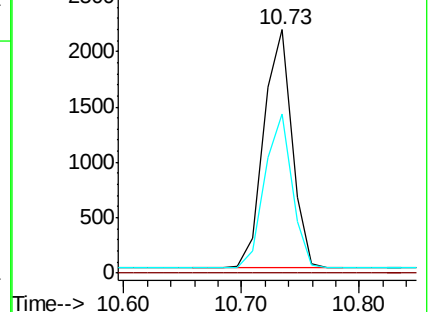
227 63.5 51.9 77.9

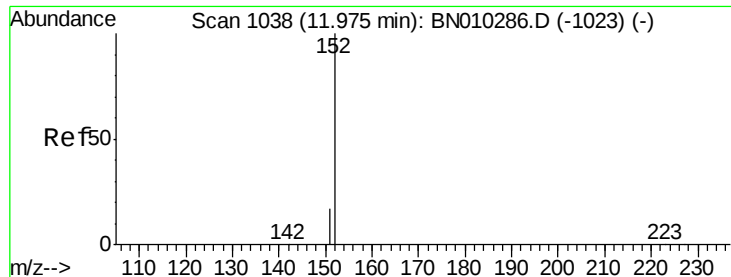


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

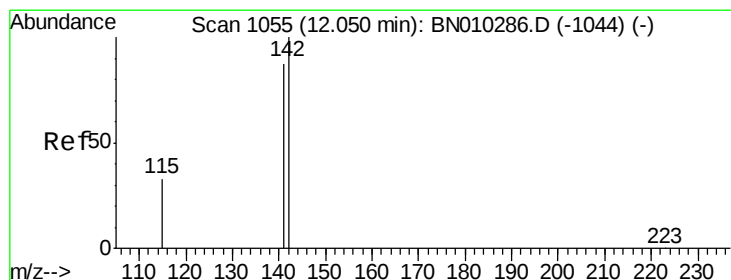
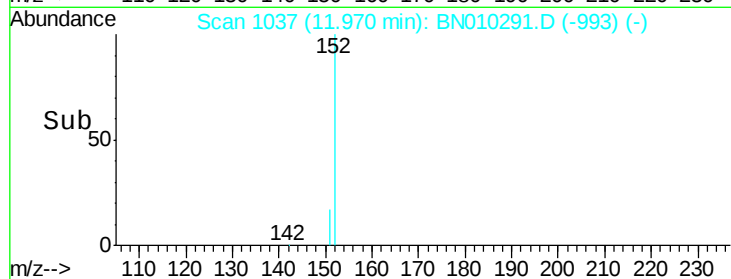
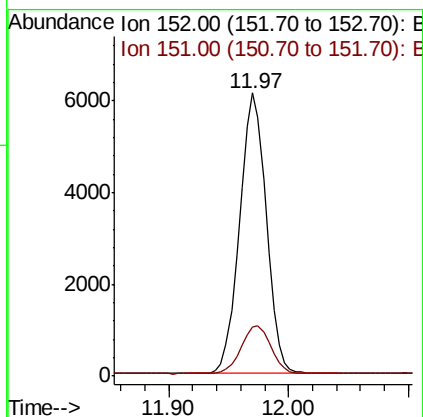
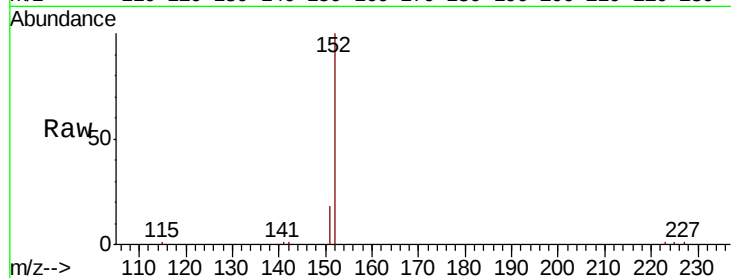




#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010291.D
Acq: 19 Mar 2020 15:38

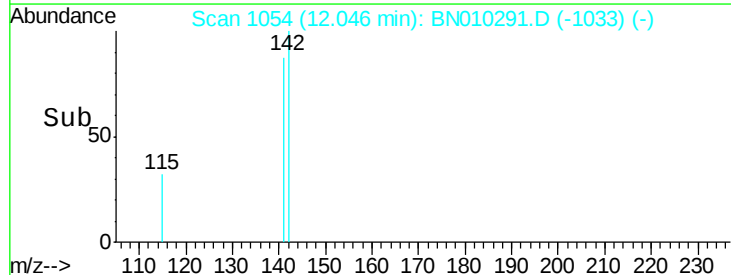
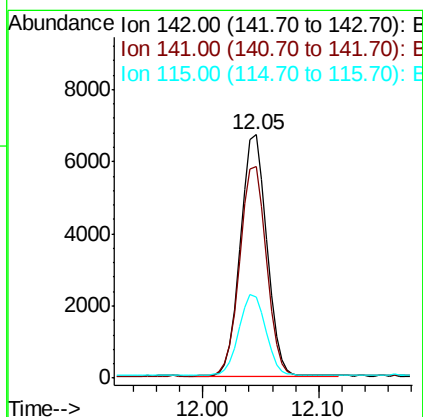
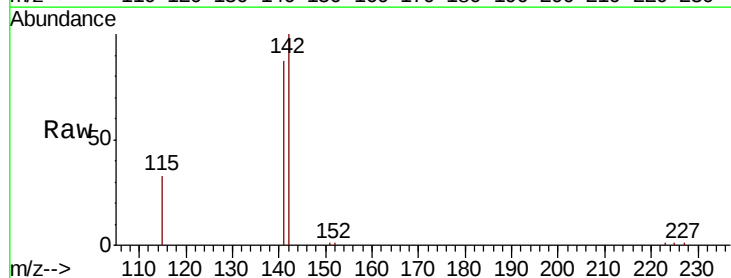
Instrument :
BNA_N
ClientSampleId :

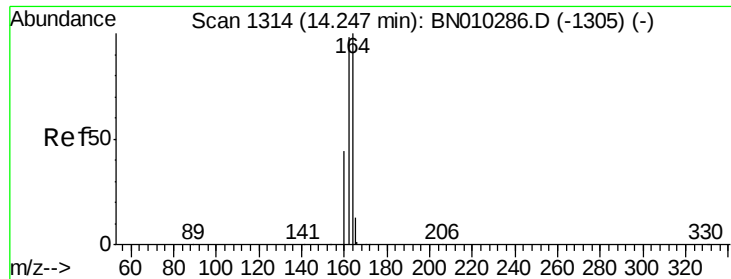
Tot Ion:152 Resp: 9441
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010291.D
Acq: 19 Mar 2020 15:38

Tgt Ion:142 Resp: 10255
Ion Ratio Lower Upper
142 100
141 86.9 69.5 104.3
115 33.4 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: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

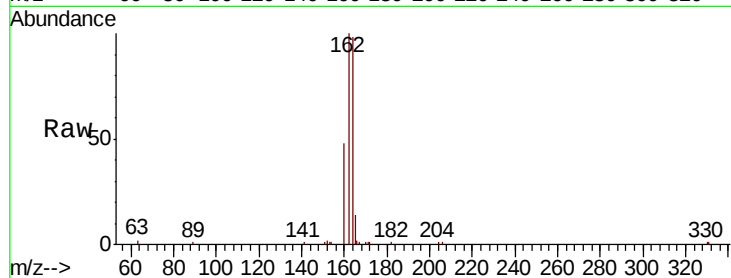
Tot Ion:164 Resp: 9300

Ion Ratio Lower Upper

164 100

162 102.0 78.2 117.2

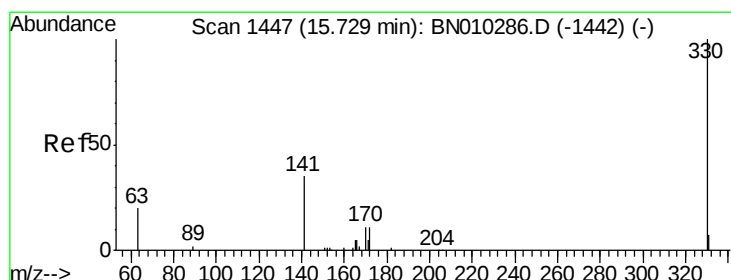
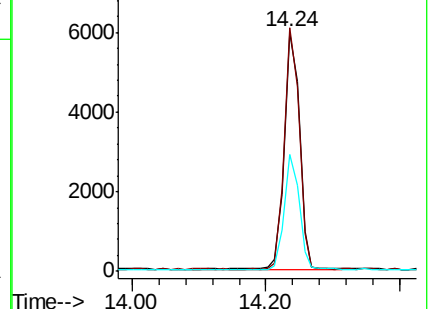
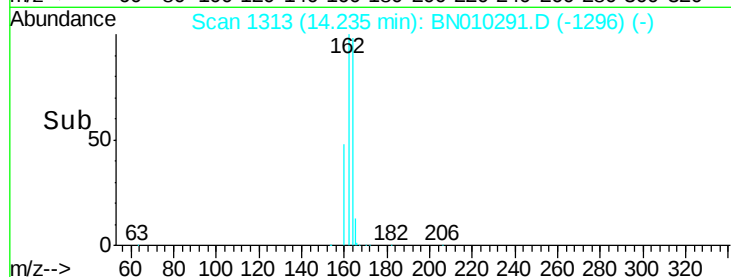
160 49.0 35.8 53.6



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: 0.362 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

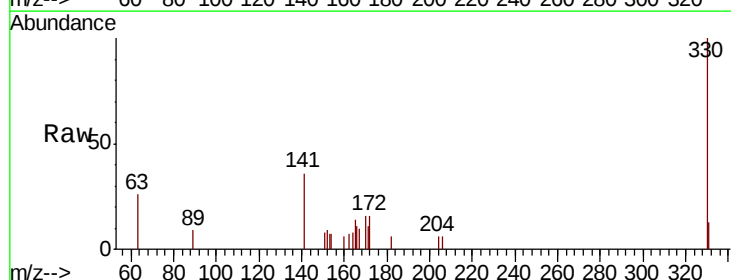
Tgt Ion:330 Resp: 1295

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

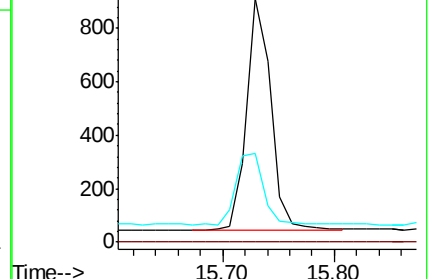
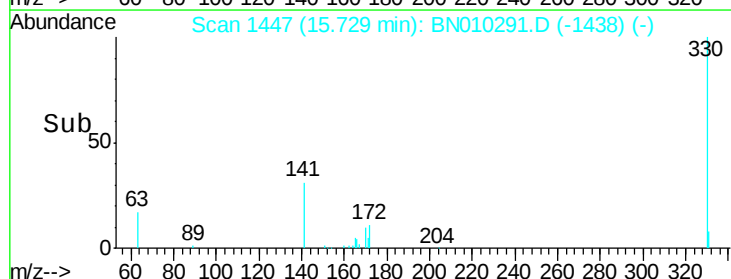
141 34.4 29.3 43.9

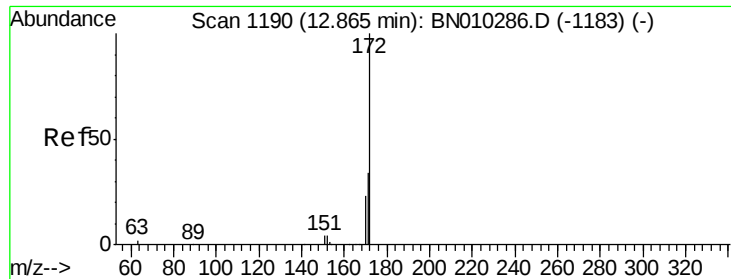


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

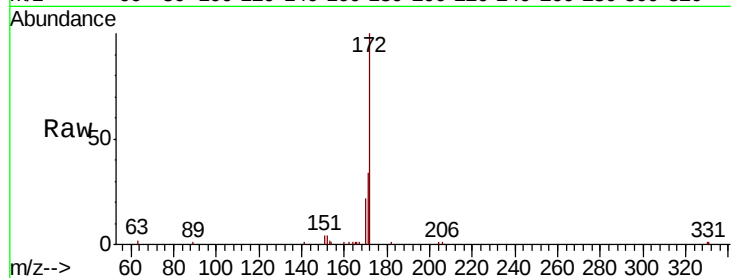




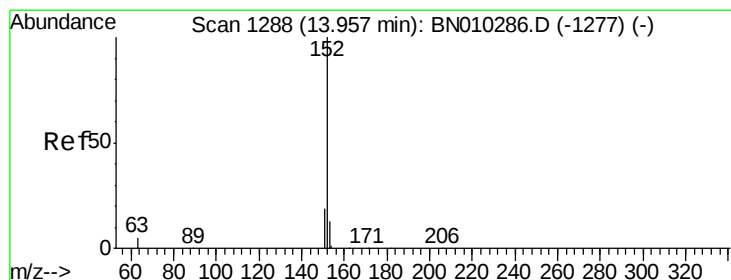
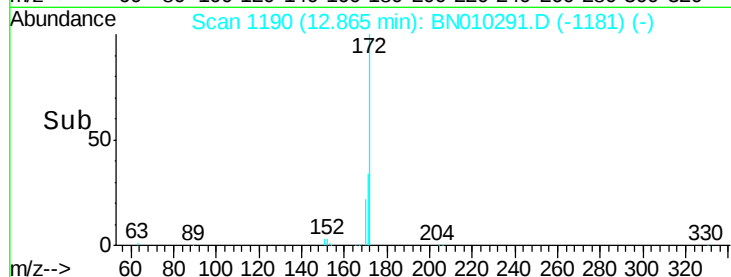
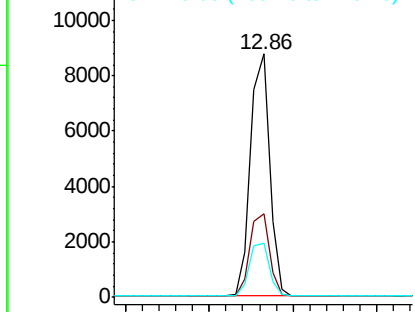
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010291.D
Acq: 19 Mar 2020 15:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 13911
Ion Ratio Lower Upper
172 100
171 34.3 27.6 41.4
170 22.1 18.5 27.7

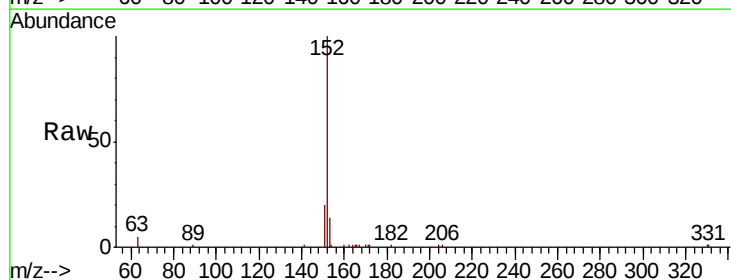


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

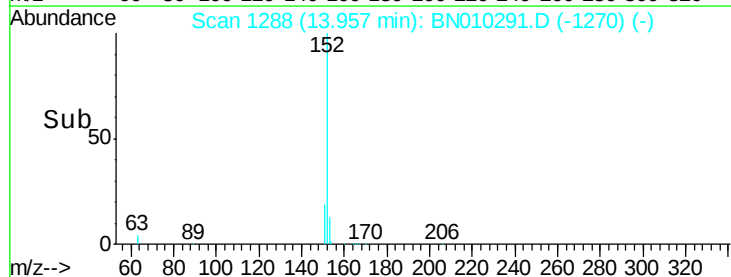
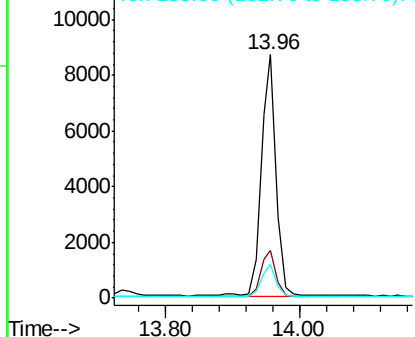


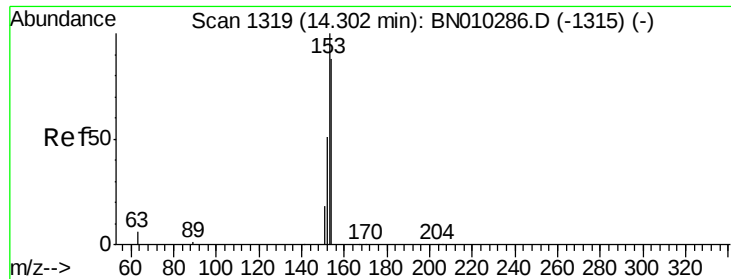
#16
Acenaphthylene
Concen: 0.367 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010291.D
Acq: 19 Mar 2020 15:38

Tgt Ion:152 Resp: 13406
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.0 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: 0.389 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampled :

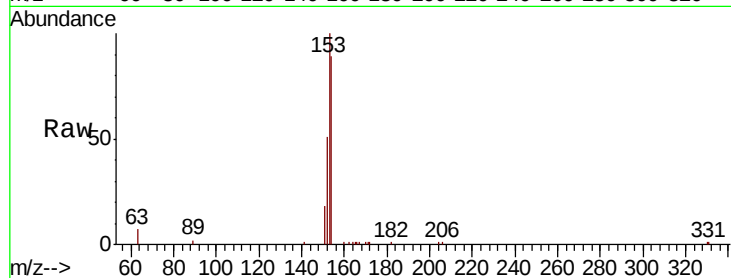
Tot Ion:154 Resp: 10107

Ion Ratio Lower Upper

154 100

153 109.9 88.1 132.1

152 56.2 45.5 68.3



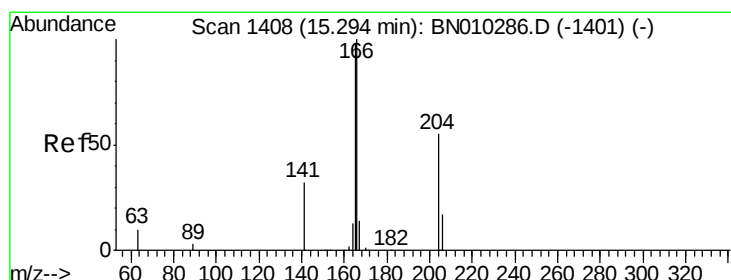
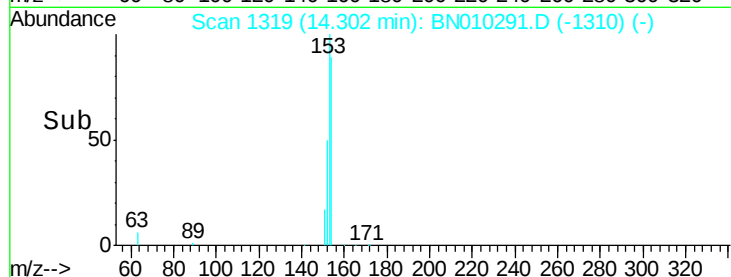
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.30

Time-->



#18

Fluorene

Concen: 0.382 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

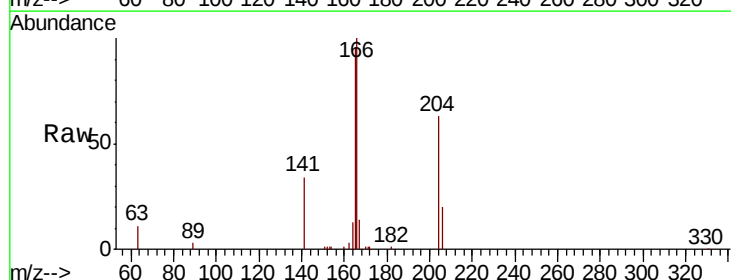
Tgt Ion:166 Resp: 13201

Ion Ratio Lower Upper

166 100

165 97.2 78.7 118.1

167 13.3 11.0 16.4



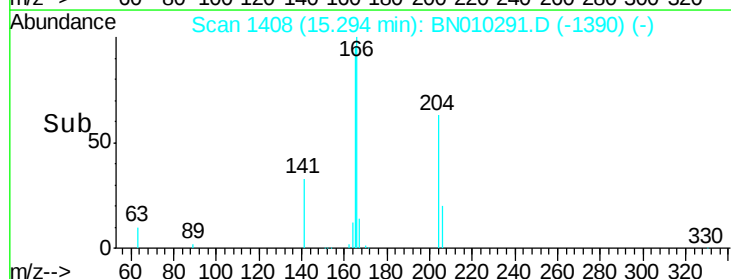
Abundance Ion 166.00 (165.70 to 166.70): E

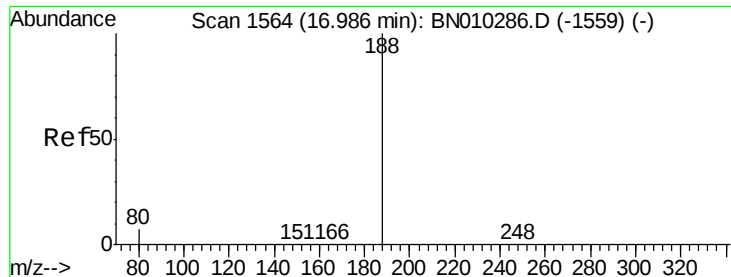
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.29

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

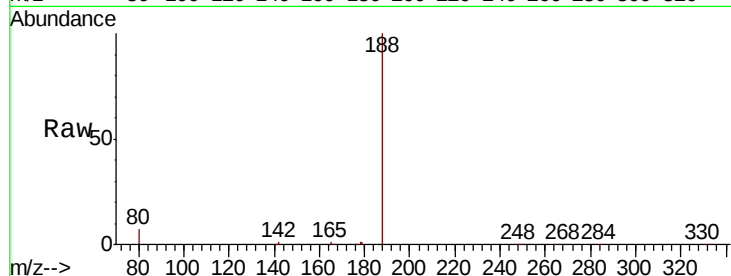
Tot Ion:188 Resp: 21639

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.1 6.0 9.0



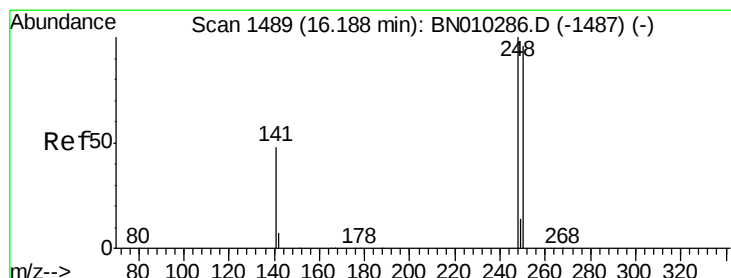
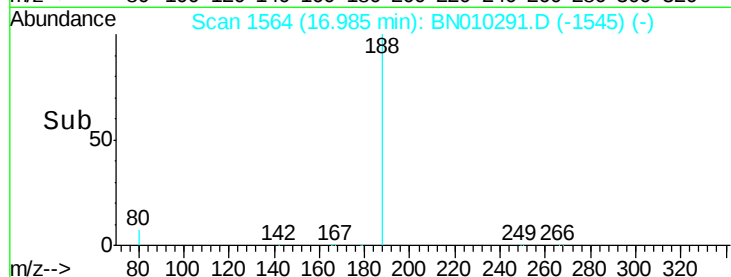
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.99

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.395 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

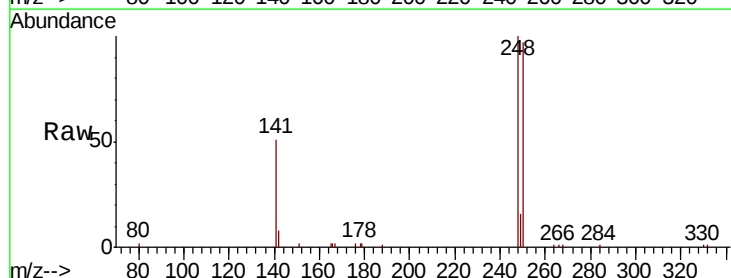
Tgt Ion:248 Resp: 5191

Ion Ratio Lower Upper

248 100

250 97.0 76.8 115.2

141 50.9 44.4 66.6



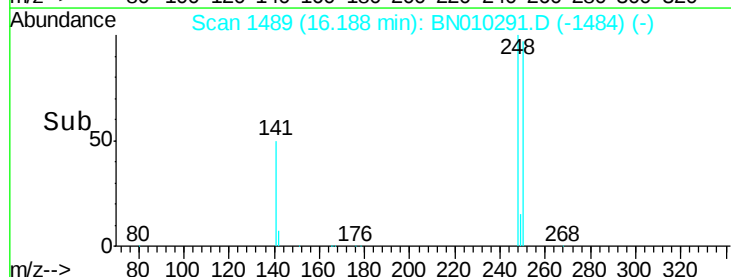
Abundance Ion 248.00 (247.70 to 248.70): E

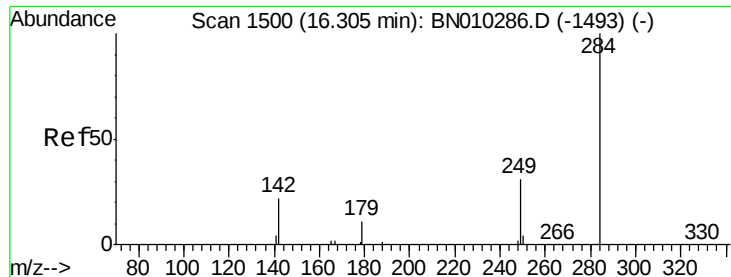
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.19

Time-->

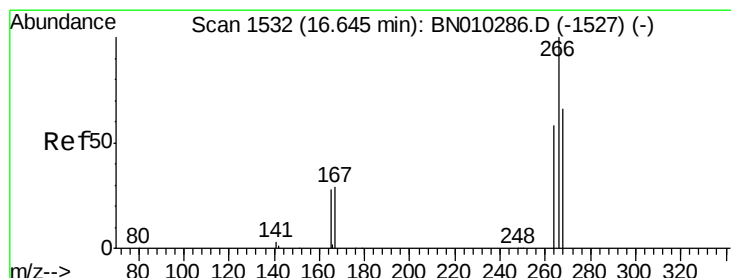
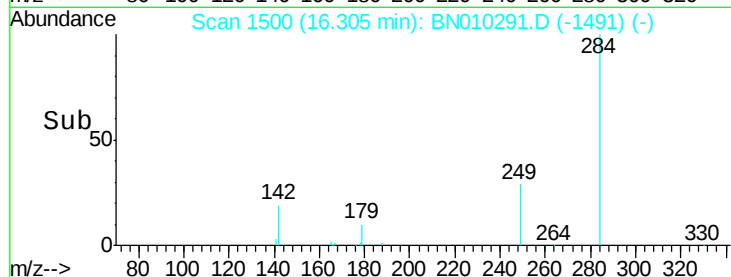
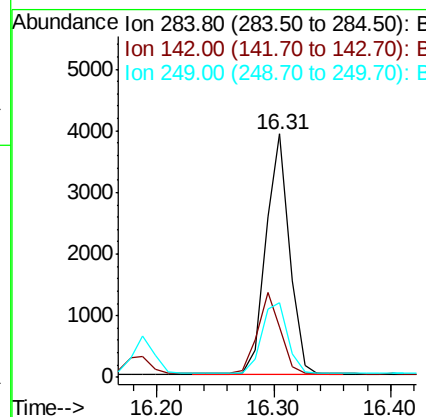
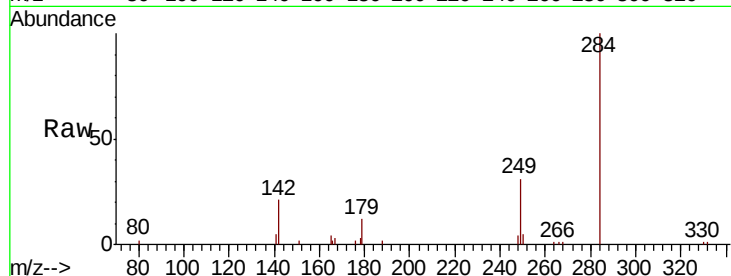




#21
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010291.D
Acq: 19 Mar 2020 15:38

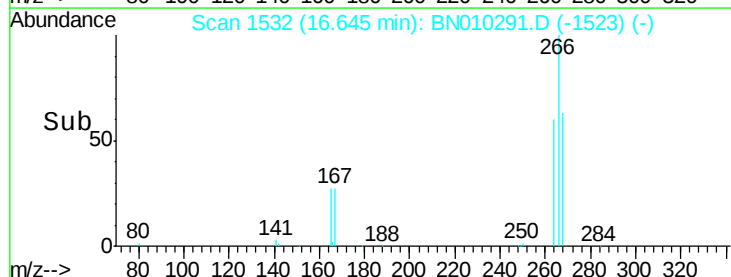
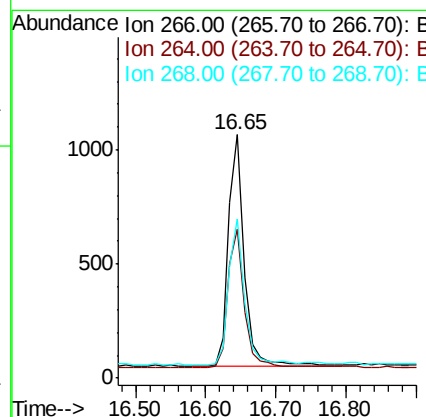
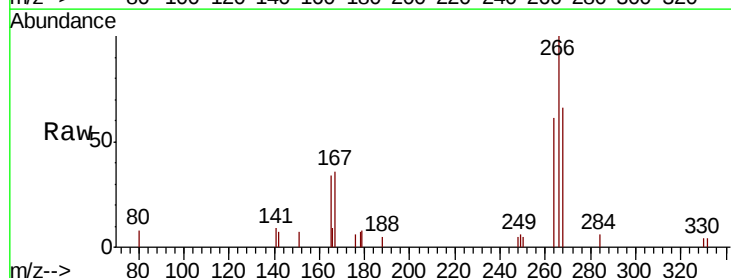
Instrument :
BNA_N
ClientSampled :

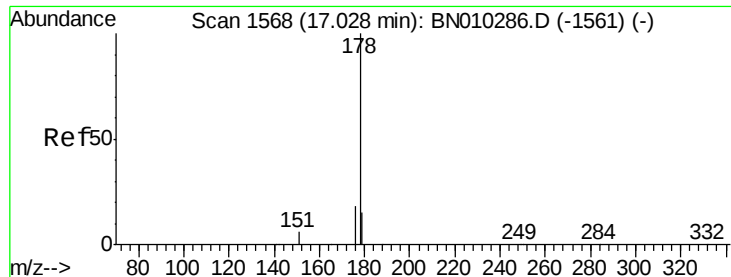
Tot Ion:284 Resp: 5430
Ion Ratio Lower Upper
284 100
142 33.3 27.4 41.2
249 33.0 26.5 39.7



#22
Pentachlorophenol
Concen: 0.347 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010291.D
Acq: 19 Mar 2020 15:38

Tgt Ion:266 Resp: 1603
Ion Ratio Lower Upper
266 100
264 61.1 47.7 71.5
268 65.5 54.9 82.3





#23

Phenanthrene

Concen: 0.397 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

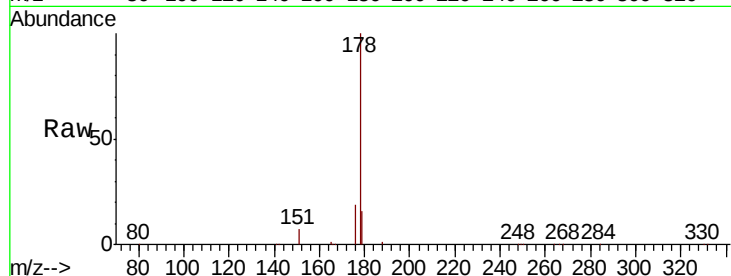
Tot Ion:178 Resp: 23601

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

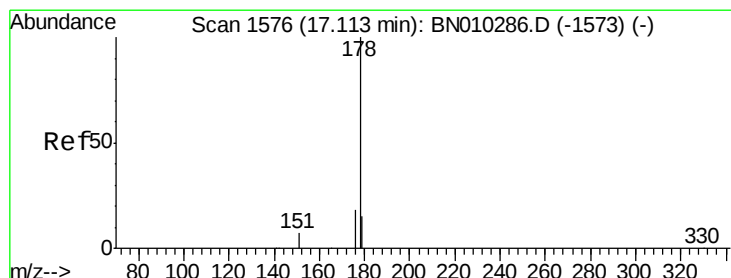
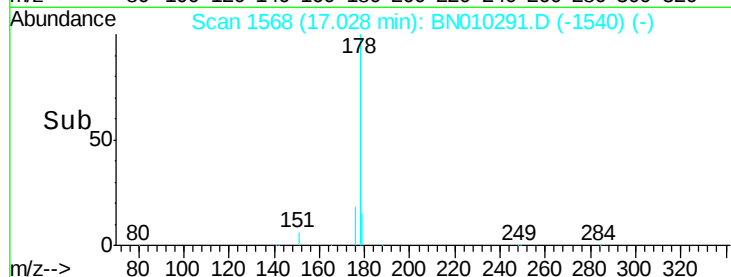
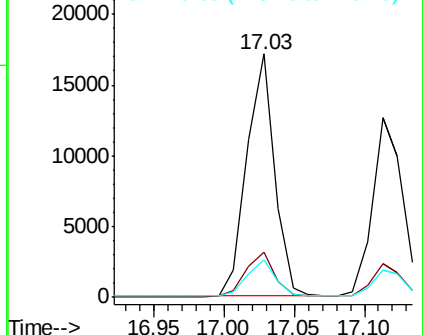
179 15.4 12.4 18.6



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: 0.381 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

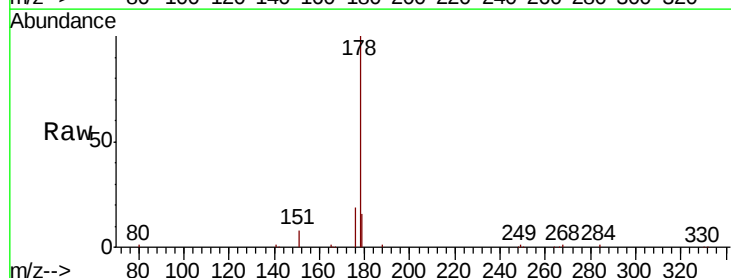
Tgt Ion:178 Resp: 19399

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

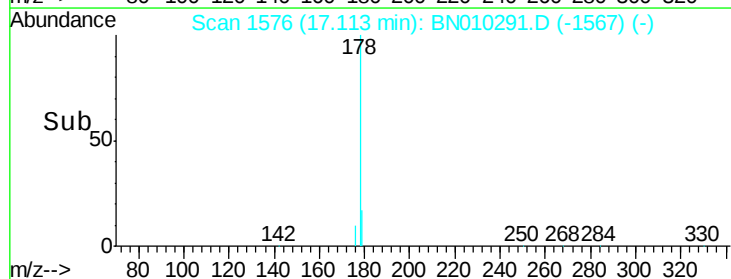
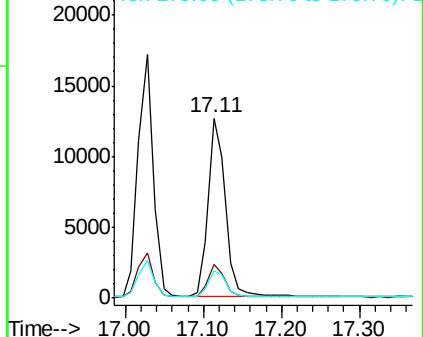
179 15.4 12.3 18.5

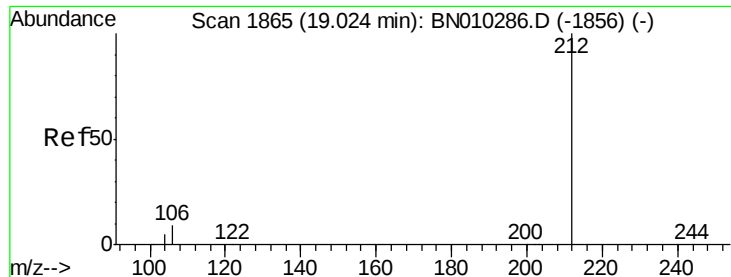


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

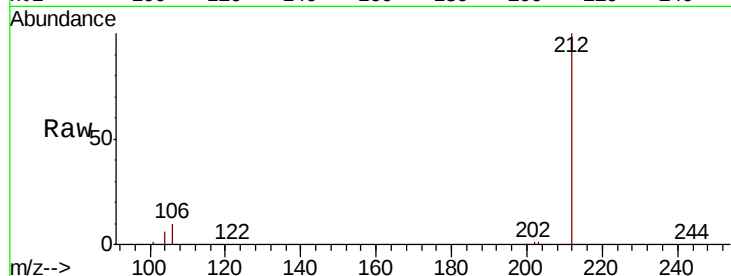
Tot Ion:212 Resp: 25090

Ion Ratio Lower Upper

212 100

106 9.7 7.4 11.2

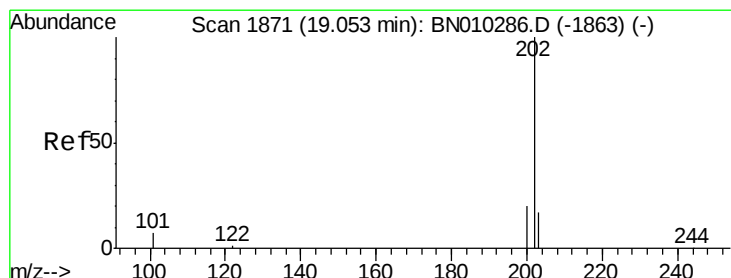
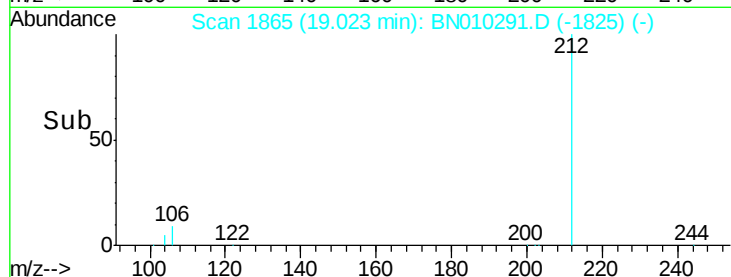
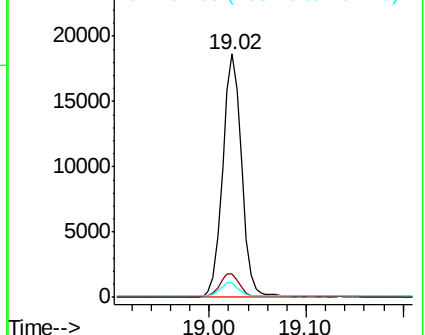
104 5.4 4.2 6.4



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: 0.389 ng

RT: 19.05 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

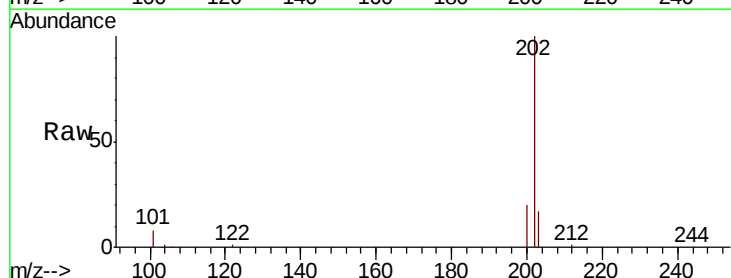
Tgt Ion:202 Resp: 28376

Ion Ratio Lower Upper

202 100

101 8.0 6.6 9.8

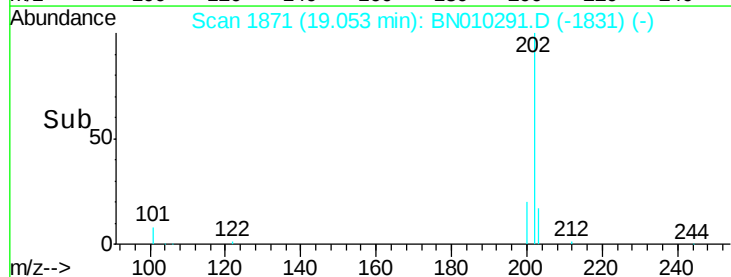
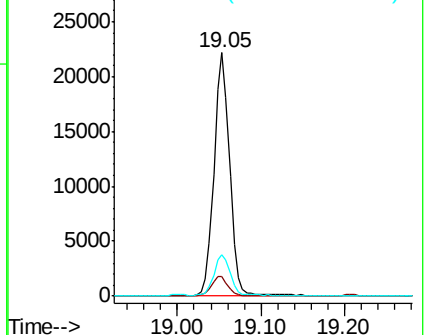
203 17.1 13.8 20.8

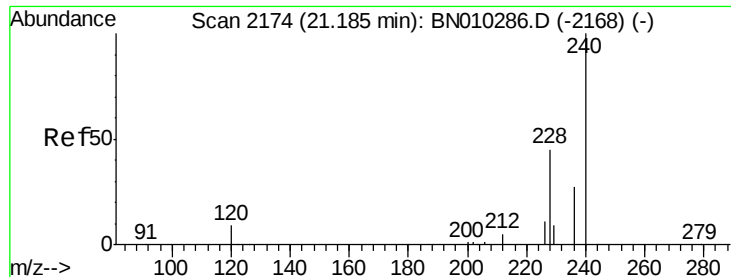


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

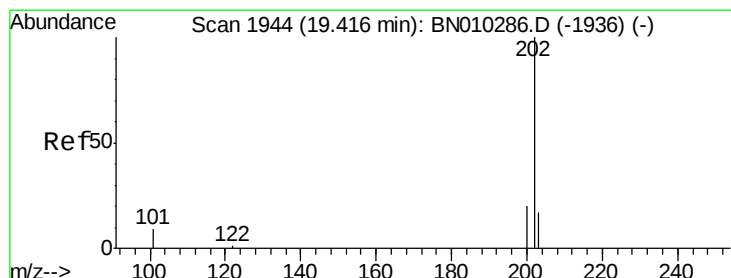
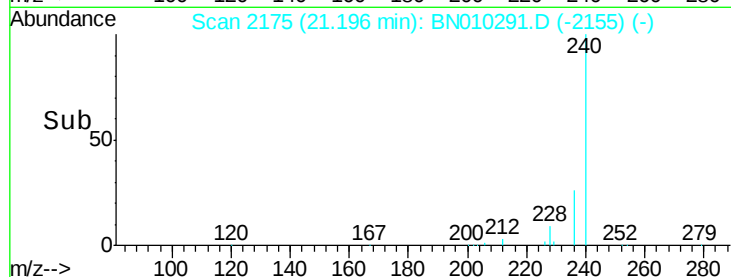
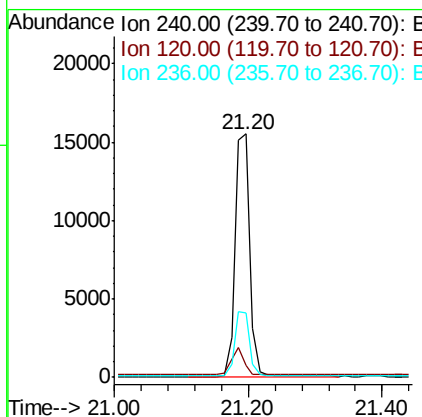
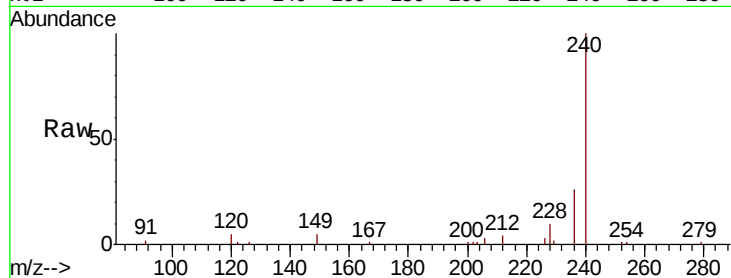




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BN010291.D
Acq: 19 Mar 2020 15:38

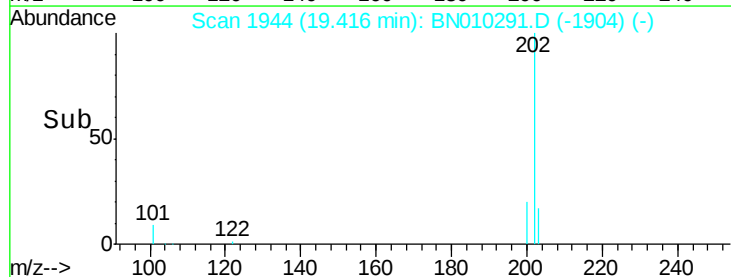
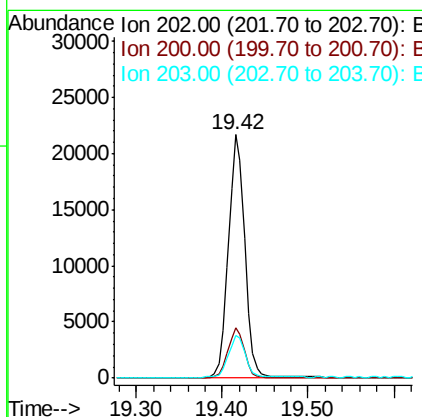
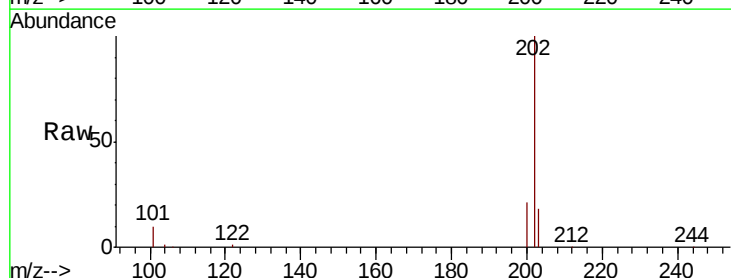
Instrument :
BNA_N
ClientSampled :

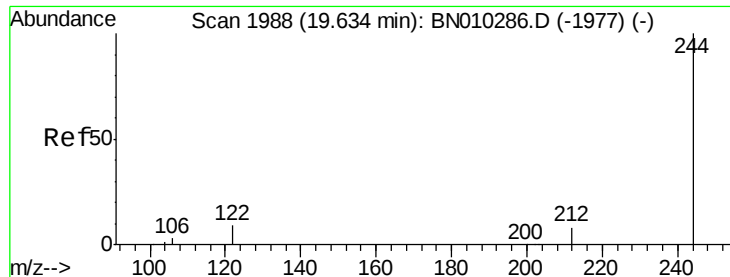
Tot Ion:240 Resp: 23573
Ion Ratio Lower Upper
240 100
120 4.7 7.9 11.9#
236 26.4 22.2 33.4



#28
Pyrene
Concen: 0.388 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BN010291.D
Acq: 19 Mar 2020 15:38

Tgt Ion:202 Resp: 28511
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

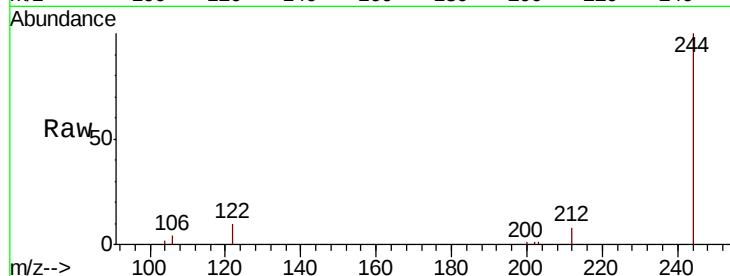
Tot Ion:244 Resp: 19893

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

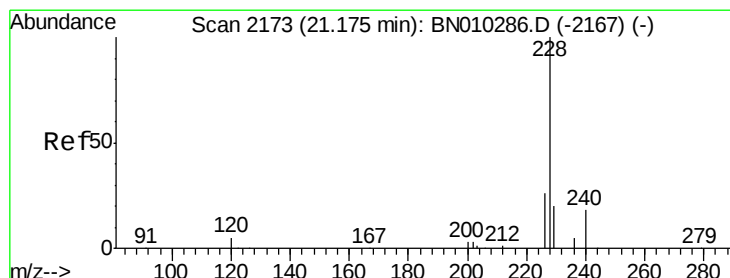
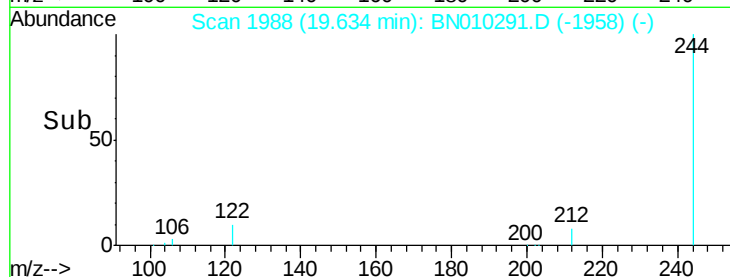
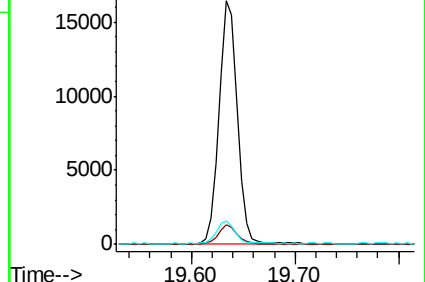
122 9.9 7.6 11.4



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: 0.391 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

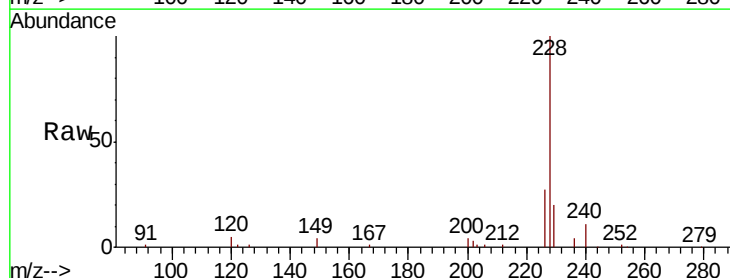
Tgt Ion:228 Resp: 29345

Ion Ratio Lower Upper

228 100

226 26.7 21.0 31.4

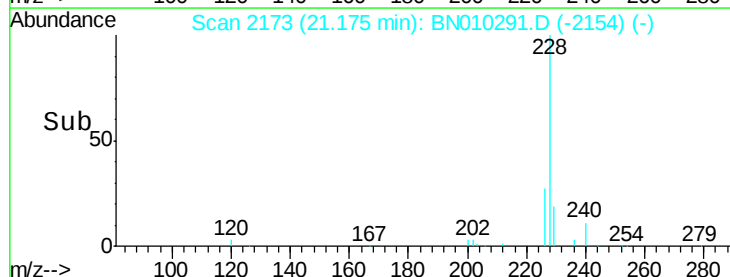
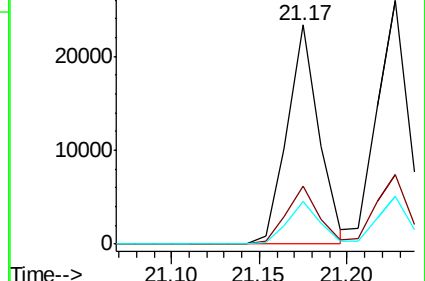
229 19.6 16.0 24.0

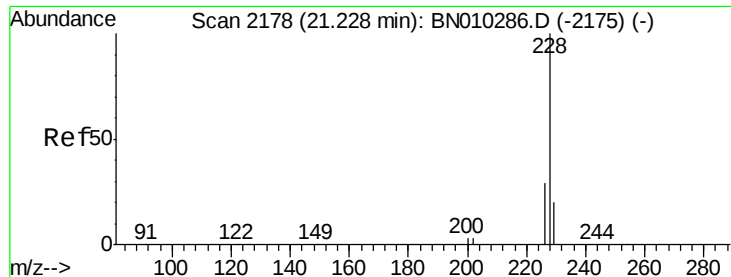


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

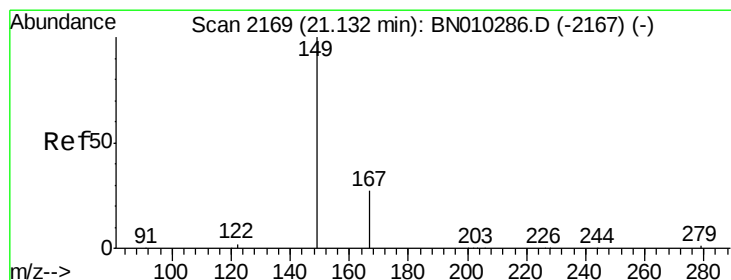
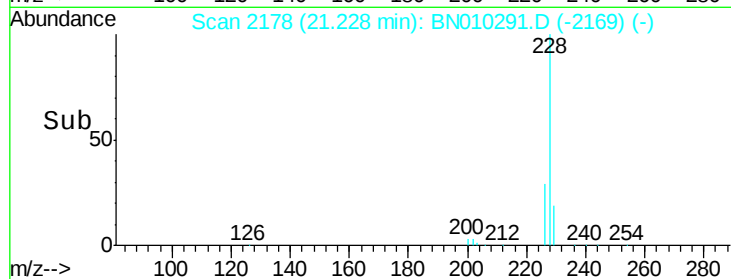
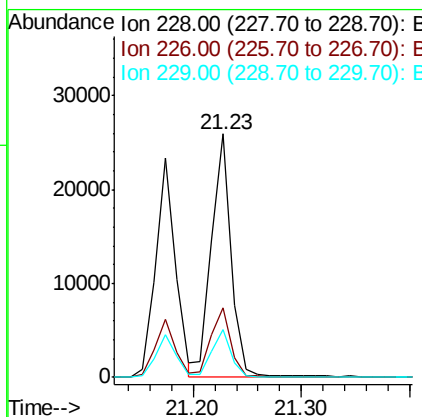
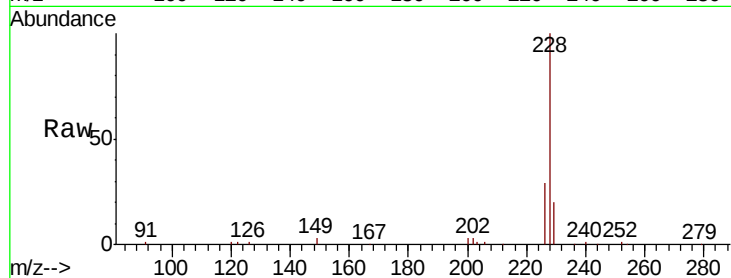




#31
 Chrysene
 Concen: 0.401 ng
 RT: 21.23 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BN010291.D
 Acq: 19 Mar 2020 15:38

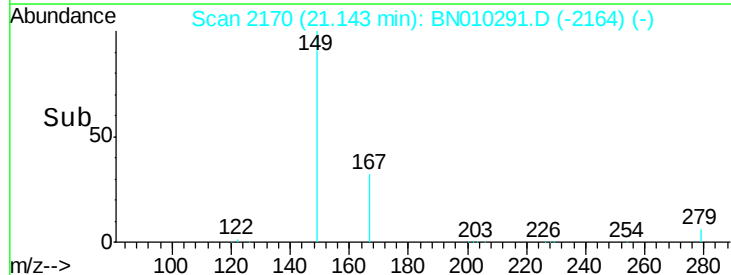
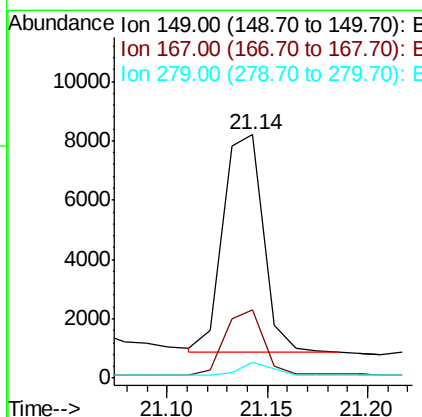
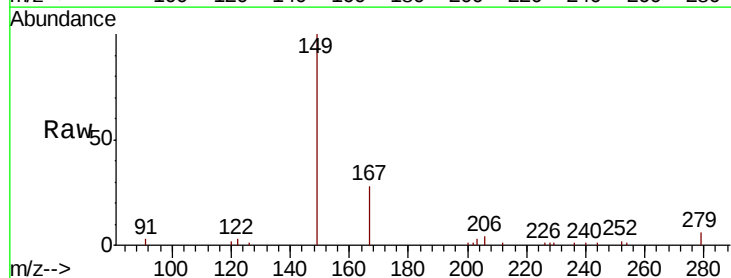
Instrument :
 BNA_N
 ClientSampleId :

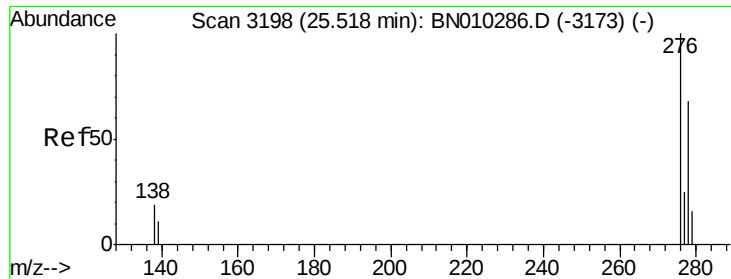
Tot Ion:228 Resp: 32274
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.0 34.6
 229 19.7 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.406 ng
 RT: 21.14 min Scan# 2170
 Delta R.T. 0.01 min
 Lab File: BN010291.D
 Acq: 19 Mar 2020 15:38

Tgt Ion:149 Resp: 10285
 Ion Ratio Lower Upper
 149 100
 167 28.2 23.0 34.6
 279 4.9 3.8 5.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.426 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

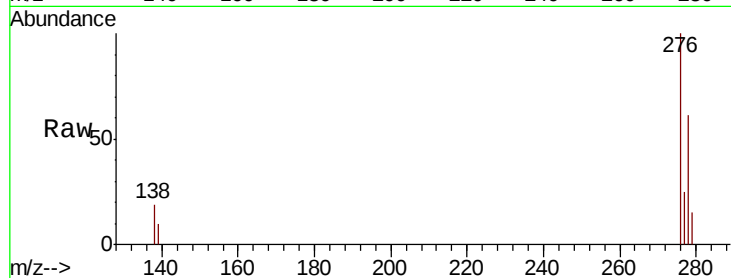
Tot Ion:276 Resp: 36729

Ion Ratio Lower Upper

276 100

138 19.3 15.6 23.4

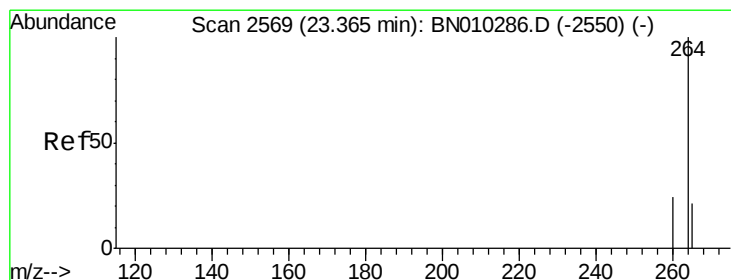
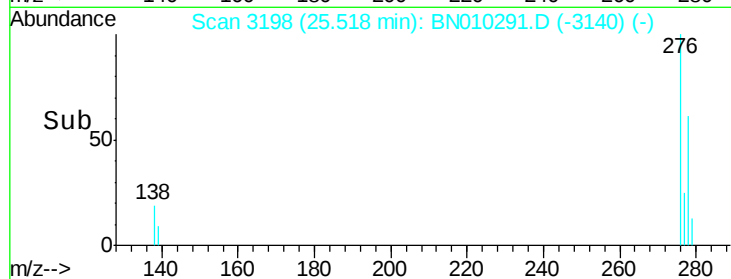
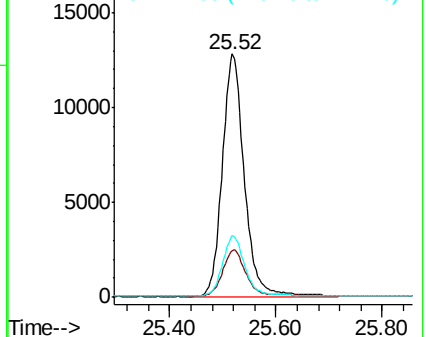
277 25.0 20.1 30.1



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# 2570

Delta R.T. 0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

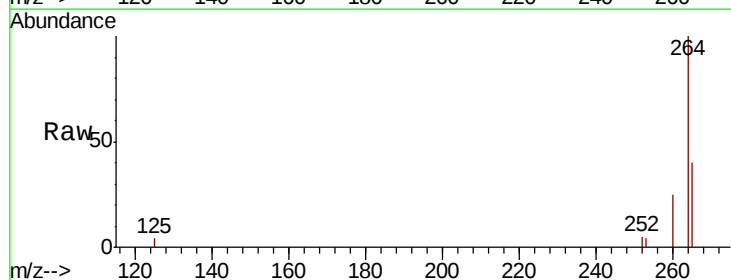
Tgt Ion:264 Resp: 24257

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

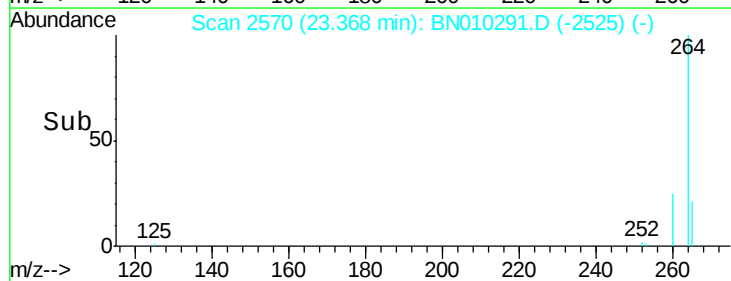
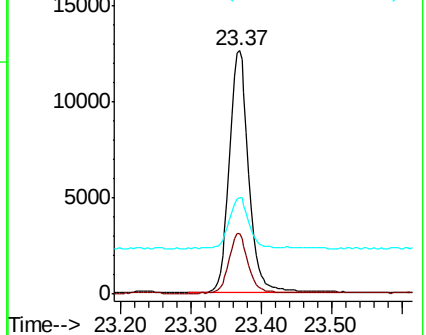
265 39.9 32.4 48.6

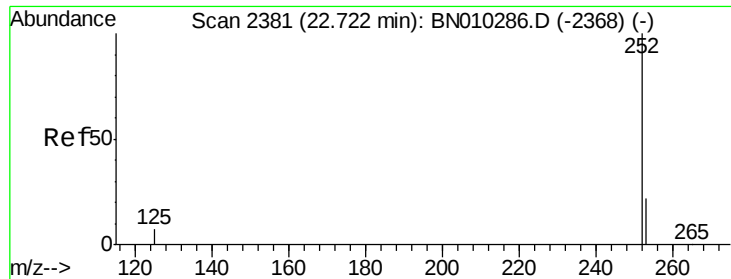


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.369 ng

RT: 22.72 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

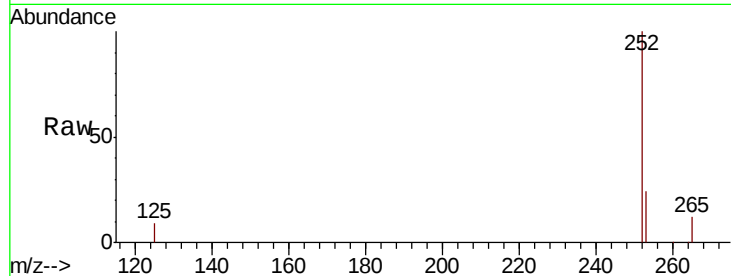
Tot Ion:252 Resp: 30424

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

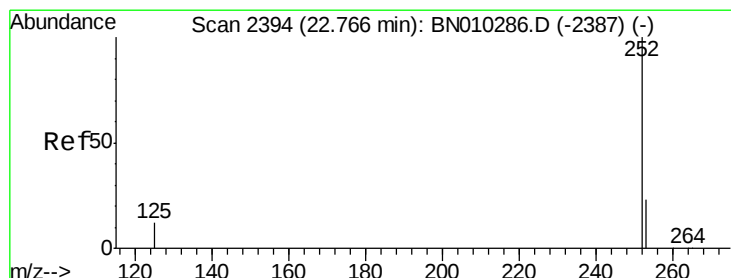
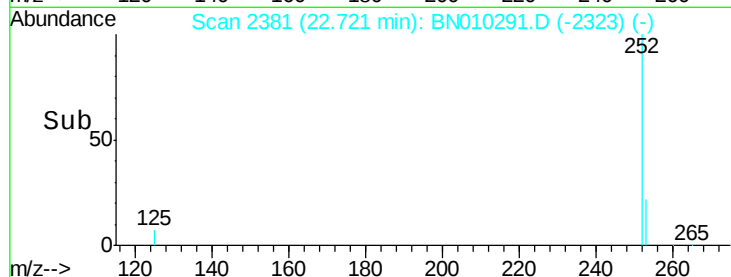
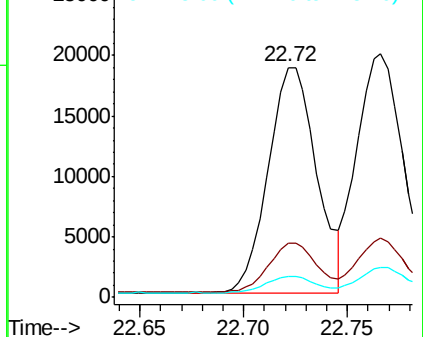
125 9.4 7.4 11.0



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



#36

Benzo(k)fluoranthene

Concen: 0.382 ng

RT: 22.77 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

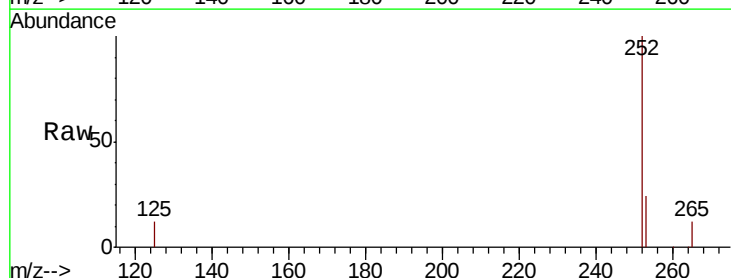
Tgt Ion:252 Resp: 32002

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

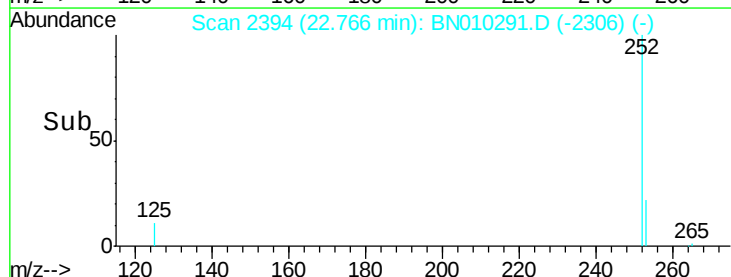
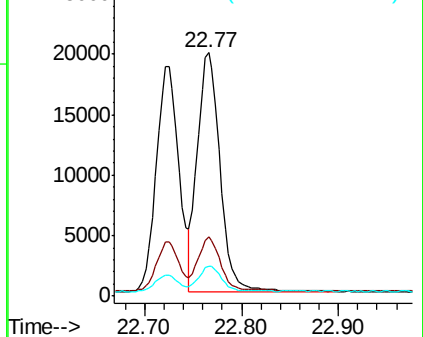
125 12.5 10.2 15.2

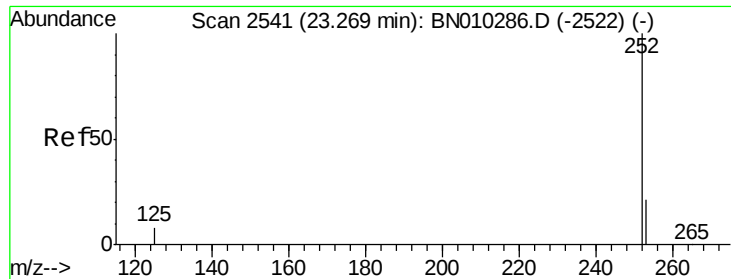


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.361 ng

RT: 23.27 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :

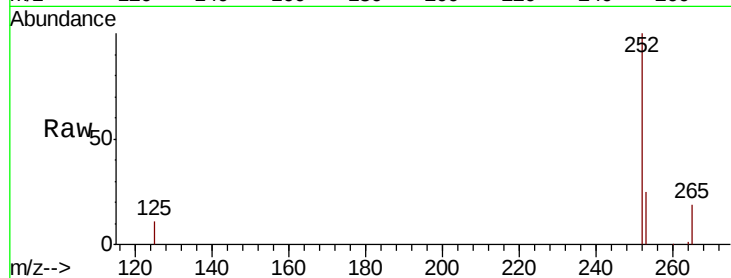
Tot Ion:252 Resp: 25123

Ion Ratio Lower Upper

252 100

253 24.7 19.9 29.9

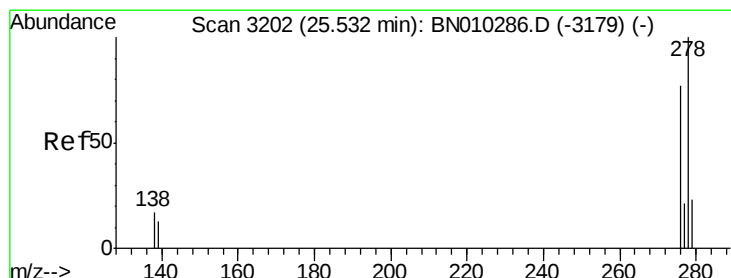
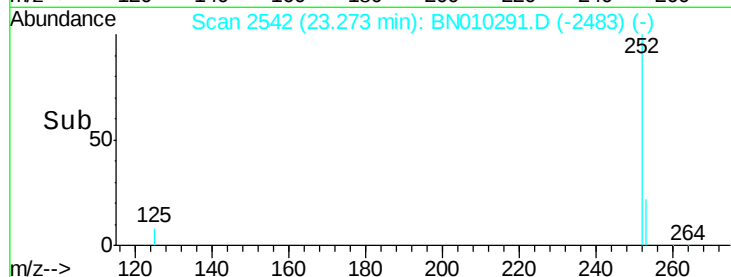
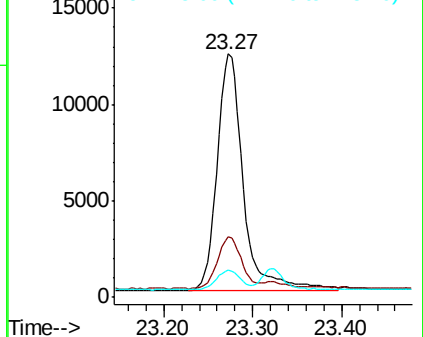
125 11.0 8.9 13.3



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: 0.401 ng

RT: 25.53 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

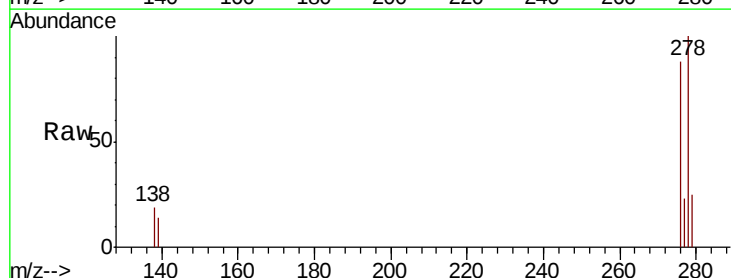
Tgt Ion:278 Resp: 30114

Ion Ratio Lower Upper

278 100

139 13.9 10.6 16.0

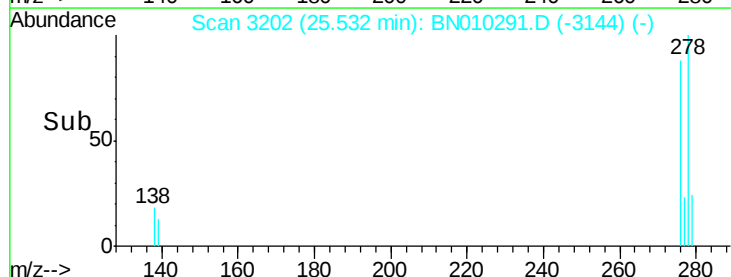
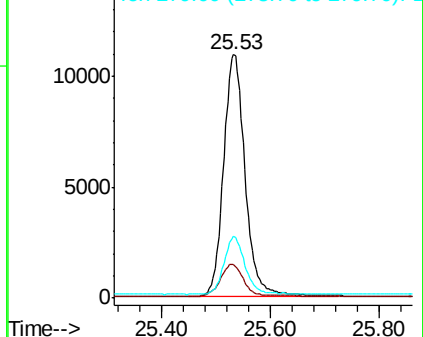
279 25.3 19.8 29.6

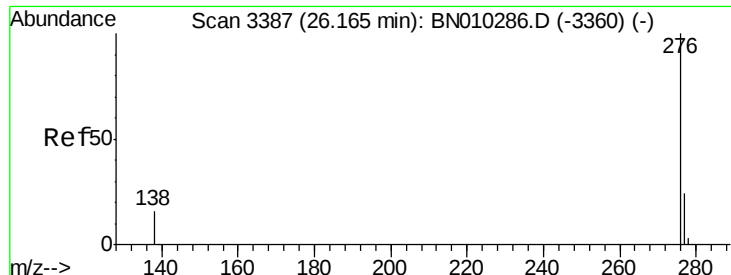


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.373 ng

RT: 26.17 min Scan# 3388

Delta R.T. 0.00 min

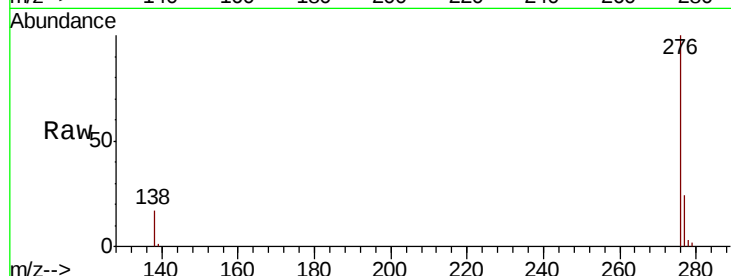
Lab File: BN010291.D

Acq: 19 Mar 2020 15:38

Instrument :

BNA_N

ClientSampleId :



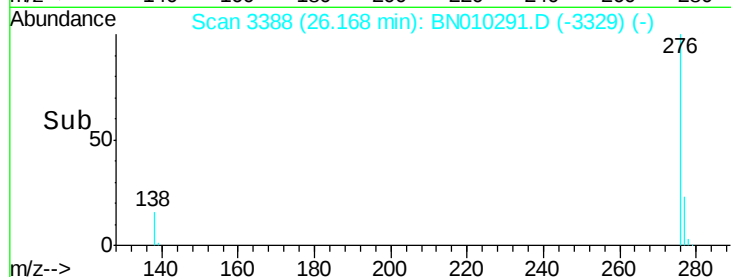
Tot Ion: 276 Resp: 28256

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 16.9 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

