

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010191.D
 Acq On : 11 Mar 2020 14:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 11 15:15:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	857	0.40	ng	-0.05
7) Naphthalene-d8	10.13	136	2810	0.40	ng	-0.05
13) Acenaphthene-d10	14.00	164	1928	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	4648	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3788	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3917	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	840	0.44	ng	-0.03
5) Phenol-d6	6.64	99	986	0.43	ng	0.00
8) Nitrobenzene-d5	8.59	82	1109	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2267	0.42	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	324	0.44	ng	-0.03
15) 2-Fluorobiphenyl	12.64	172	2685	0.37	ng	-0.04
25) Fluoranthene-d10	18.82	212	5750	0.36	ng	-0.04
29) Terphenyl-d14	19.44	244	3807	0.42	ng	-0.03

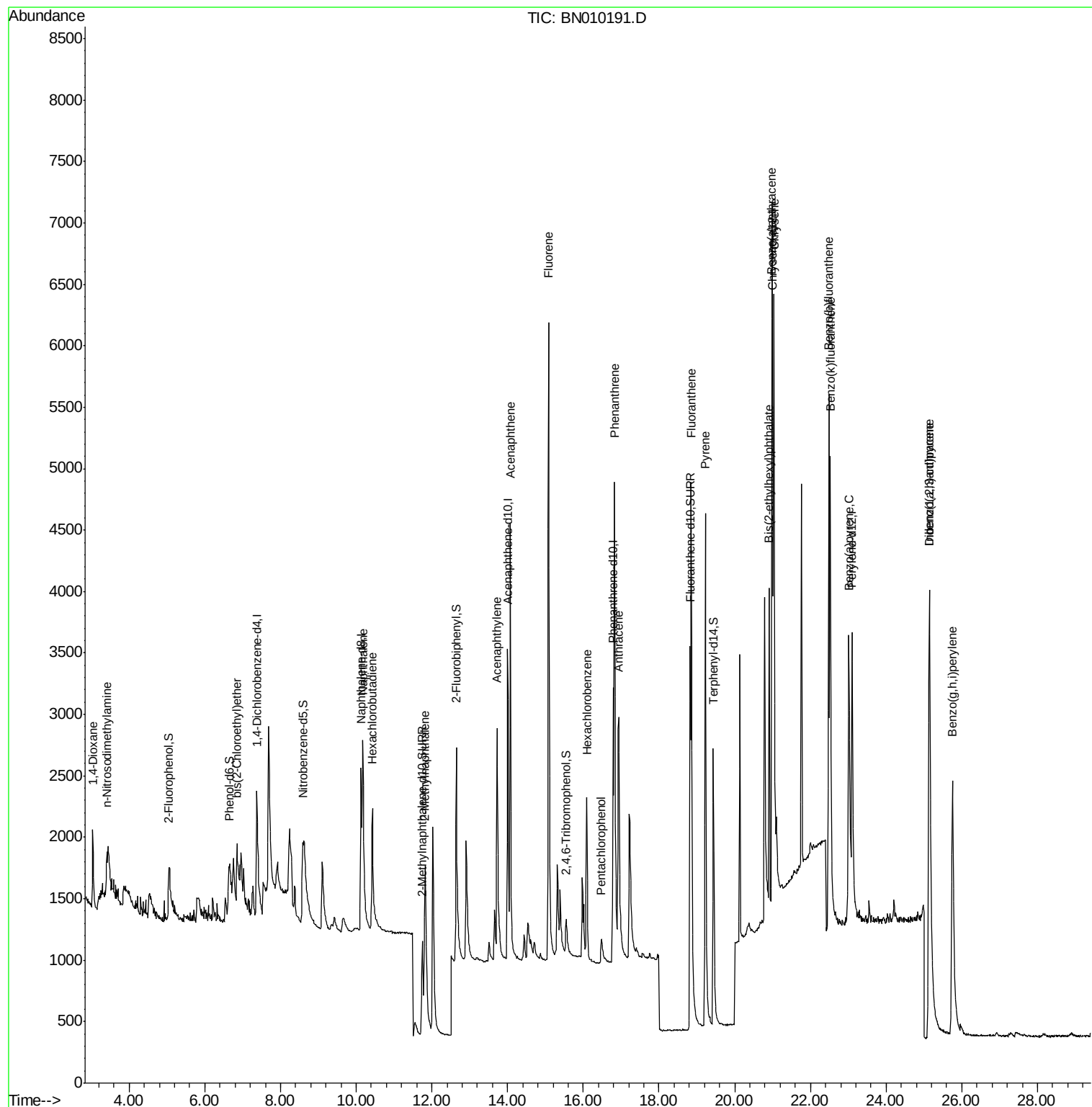
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.05	88	278	0.317	ng	# 1
3) n-Nitrosodimethylamine	3.41	42	389	0.270	ng	# 23
6) bis(2-Chloroethyl)ether	6.85	93	893	0.396	ng	87
9) Naphthalene	10.18	128	3200	0.418	ng	99
10) Hexachlorobutadiene	10.43	225	758	0.450	ng	# 95
12) 2-Methylnaphthalene	11.82	142	2144	0.408	ng	99
16) Acenaphthylene	13.72	152	3063	0.373	ng	99
17) Acenaphthene	14.07	154	2355	0.407	ng	99
18) Fluorene	15.08	166	3071	0.403	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	354	Below Cal		90
21) Hexachlorobenzene	16.09	284	1281	0.443	ng	99
22) Pentachlorophenol	16.48	266	237	0.423	ng	97
23) Phenanthrene	16.83	178	5364	0.388	ng	99
24) Anthracene	16.93	178	4140	0.354	ng	99
26) Fluoranthene	18.85	202	5849	0.353	ng	99
28) Pyrene	19.22	202	5871	0.408	ng	100
30) Benzo(a)anthracene	20.98	228	4802	0.382	ng	99
31) Chrysene	21.04	228	5782	0.398	ng	98
32) Bis(2-ethylhexyl)phthalate	20.91	149	2645	0.431	ng	97
33) Indeno(1,2,3-cd)pyrene	25.14	276	6172	0.408	ng	96
35) Benzo(b)fluoranthene	22.49	252	5404	0.377	ng	# 92
36) Benzo(k)fluoranthene	22.53	252	6312	0.405	ng	98
37) Benzo(a)pyrene	23.02	252	5068	0.388	ng	# 94
38) Dibenzo(a,h)anthracene	25.14	278	4855	0.377	ng	100
39) Benzo(g,h,i)perylene	25.75	276	5688	0.415	ng	100

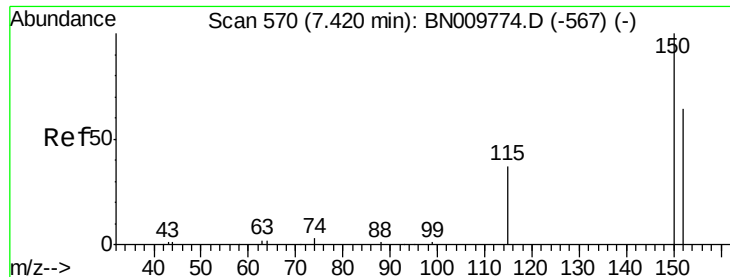
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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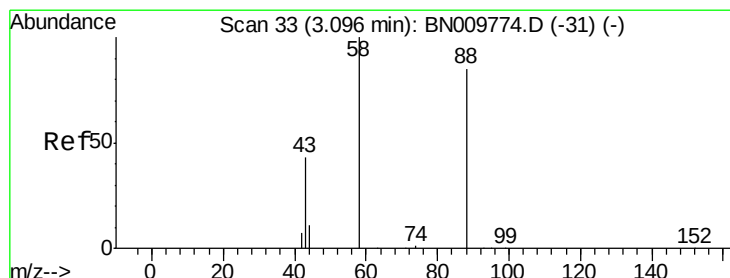
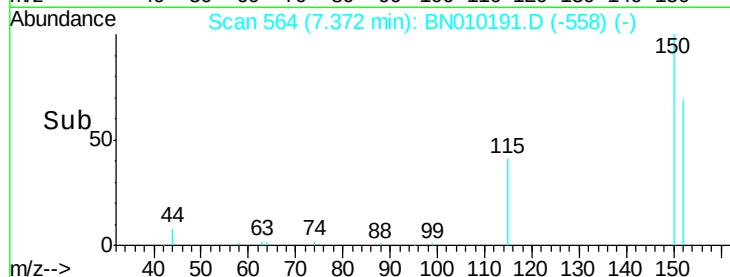
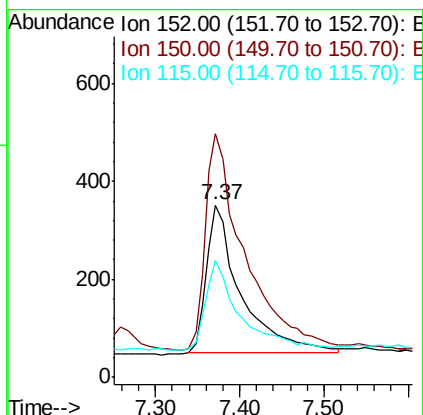
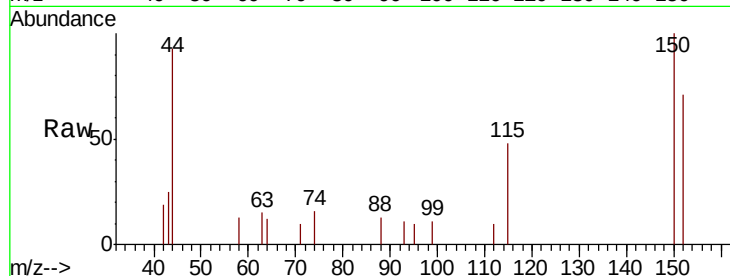


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

Instrument :
BNA_N
ClientSampleId :

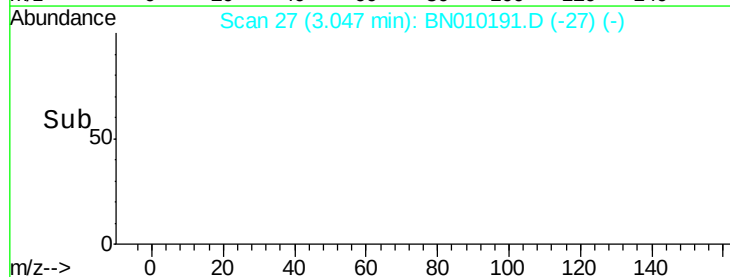
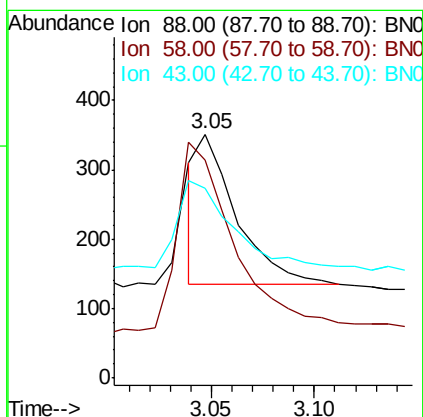
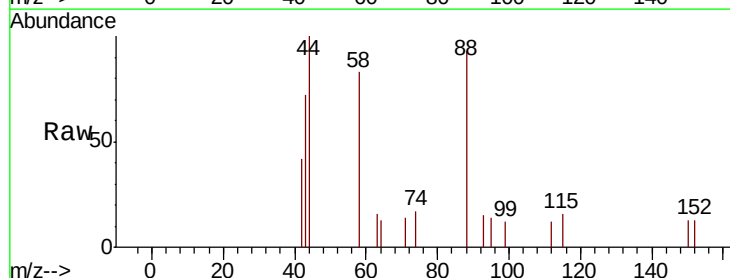
Tot Ion:152 Resp: 857
Ion Ratio Lower Upper
152 100
150 141.2 120.6 181.0
115 67.6 51.2 76.8

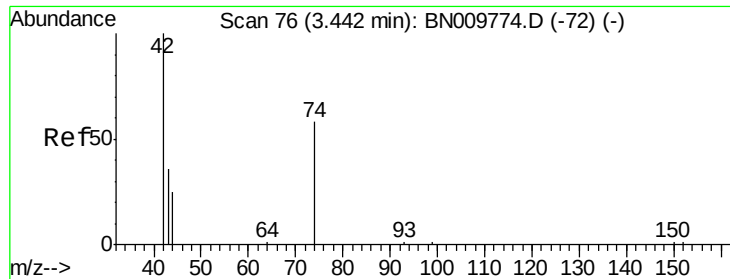


#2

1,4-Dioxane
Concen: 0.317 ng
RT: 3.05 min Scan# 27
Delta R.T. -0.05 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

Tgt Ion: 88 Resp: 278
Ion Ratio Lower Upper
88 100
58 0.0 97.8 146.8#
43 0.0 45.1 67.7#



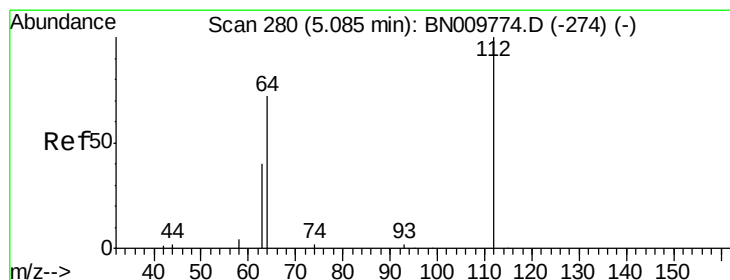
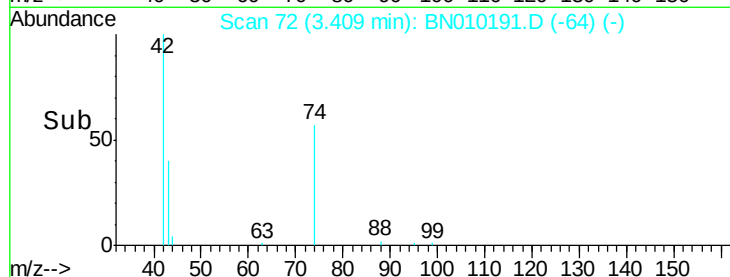
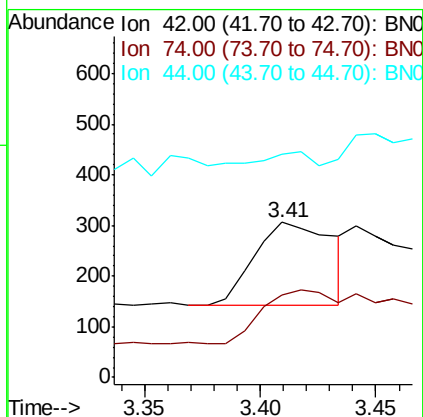
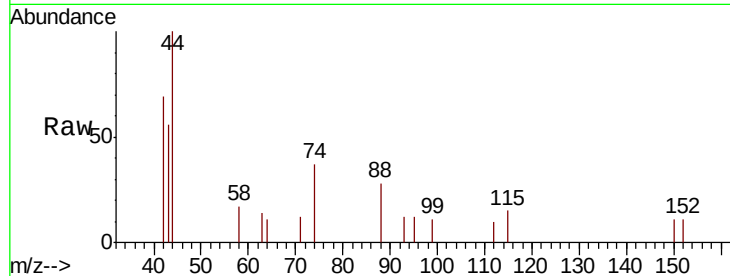


#3

n-Nitrosodimethylamine
 Concen: 0.270 ng
 RT: 3.41 min Scan# 72
 Delta R.T. -0.03 min
 Lab File: BN010191.D
 Acq: 11 Mar 2020 14:09

Instrument :
 BNA_N
 ClientSampled :

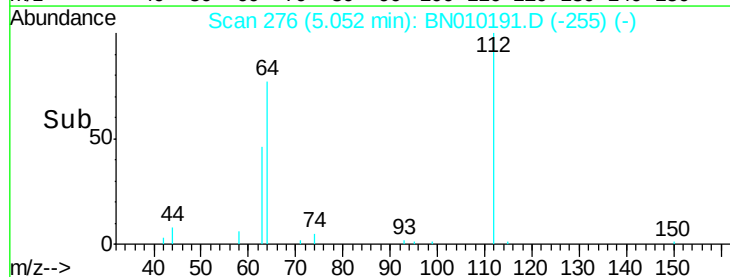
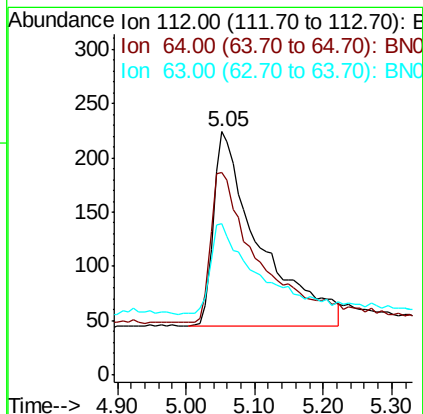
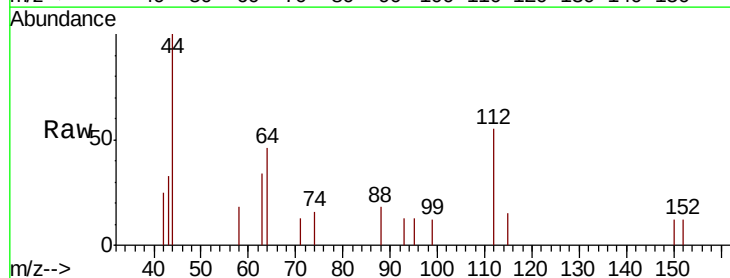
Tot Ion: 42 Resp: 389
 Ion Ratio Lower Upper
 42 100
 74 126.5 51.2 76.8#
 44 9.0 2.6 4.0#

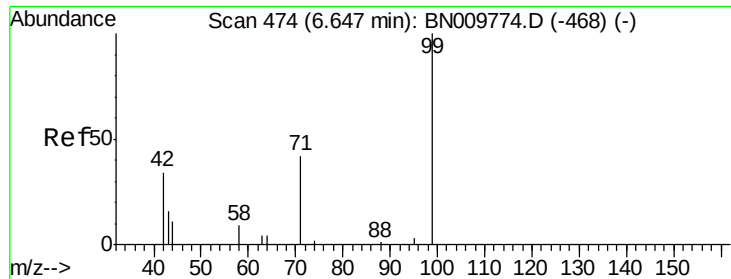


#4

2-Fluorophenol
 Concen: 0.441 ng
 RT: 5.05 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BN010191.D
 Acq: 11 Mar 2020 14:09

Tgt Ion: 112 Resp: 840
 Ion Ratio Lower Upper
 112 100
 64 78.8 65.8 98.6
 63 48.0 38.7 58.1





#5

Phenol-d6

Concen: 0.425 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampled :

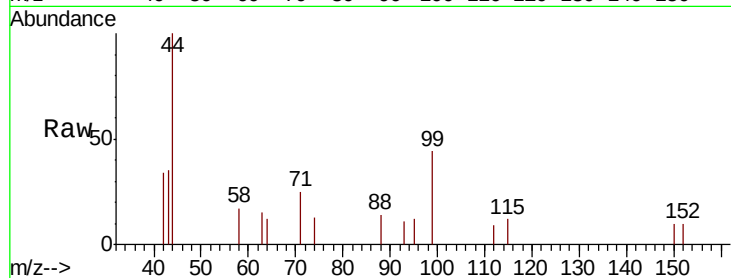
Tot Ion: 99 Resp: 986

Ion Ratio Lower Upper

99 100

42 40.2 30.8 46.2

71 0.0 34.9 52.3#



Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)

6.64

250

200

150

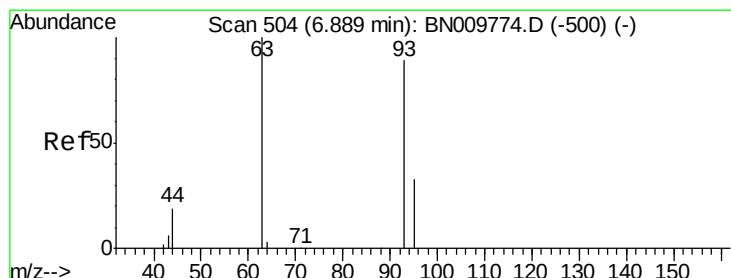
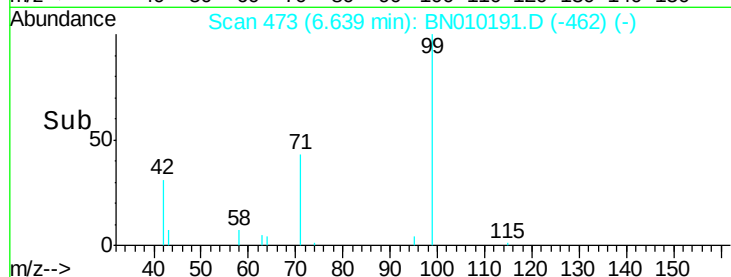
100

50

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.04 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

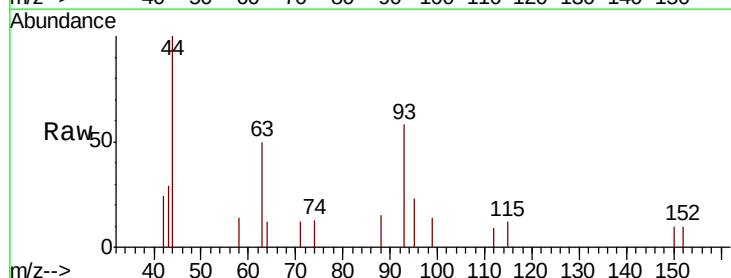
Tgt Ion: 93 Resp: 893

Ion Ratio Lower Upper

93 100

63 75.1 74.0 111.0

95 33.1 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)

6.85

500

400

300

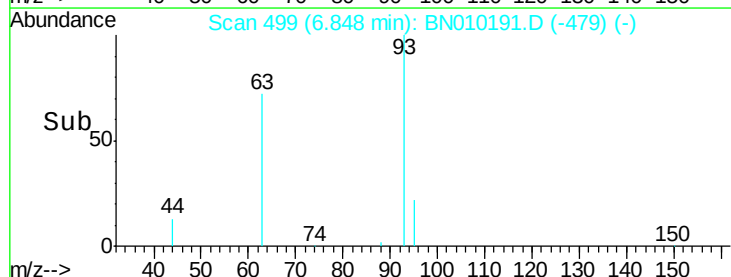
200

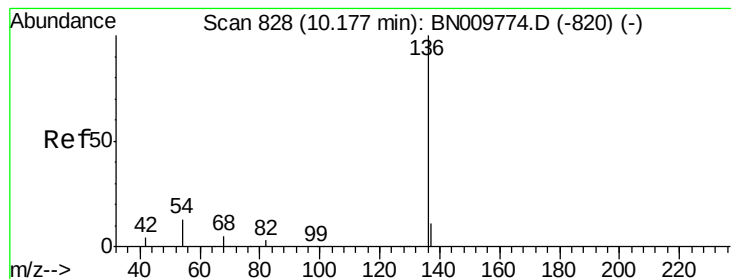
100

0

6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.05 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 2810

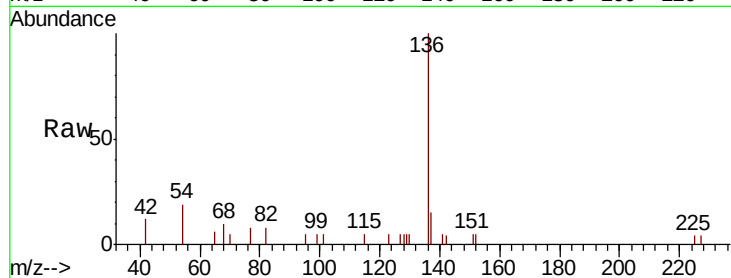
Ion Ratio Lower Upper

136 100

137 14.6 11.3 16.9

54 18.7 13.4 20.2

68 10.0 7.0 10.4

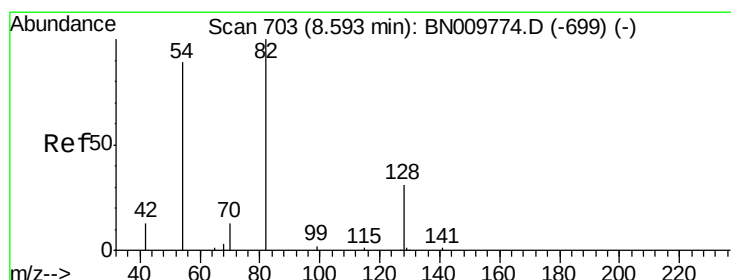
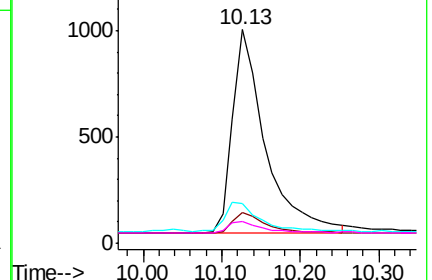
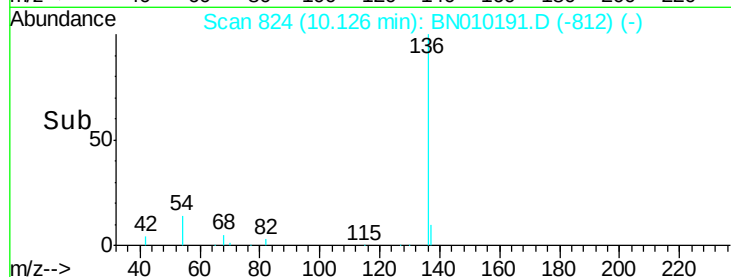


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.474 ng

RT: 8.59 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

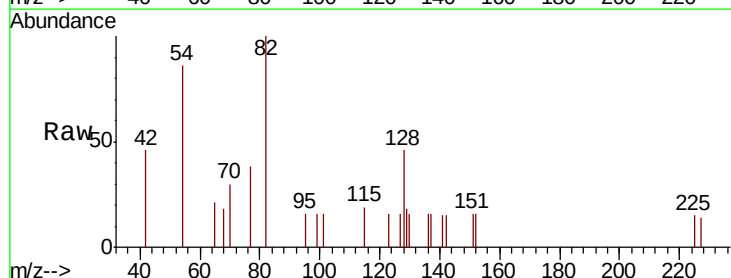
Tgt Ion: 82 Resp: 1109

Ion Ratio Lower Upper

82 100

128 46.2 32.5 48.7

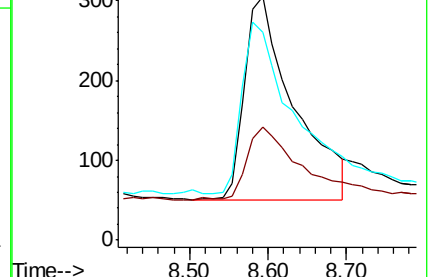
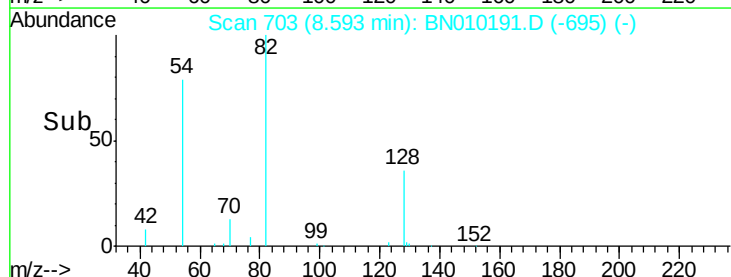
54 85.6 73.5 110.3

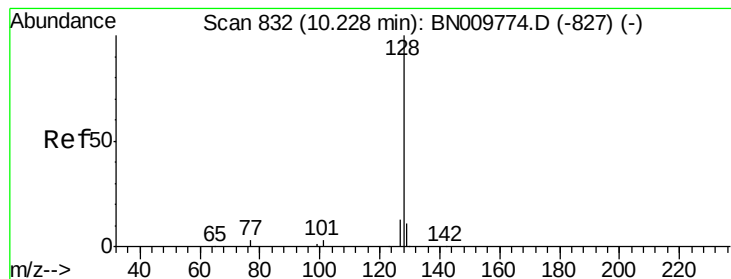


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.418 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.05 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

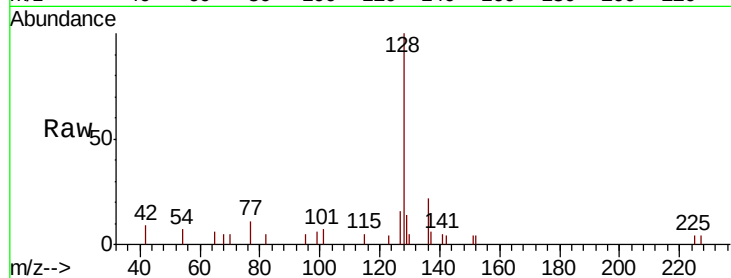
Tot Ion:128 Resp: 3200

Ion Ratio Lower Upper

128 100

129 14.4 11.1 16.7

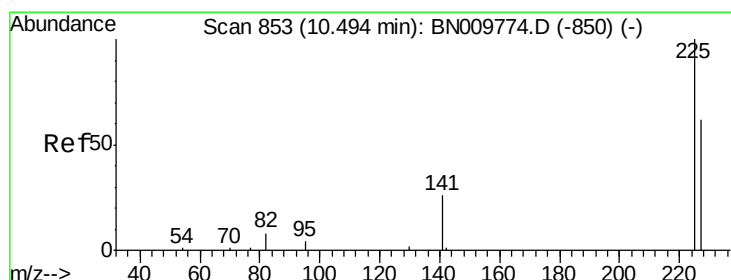
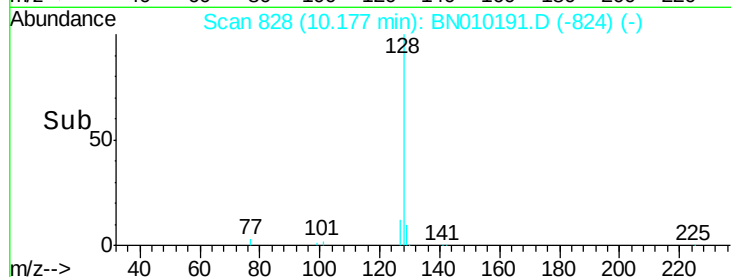
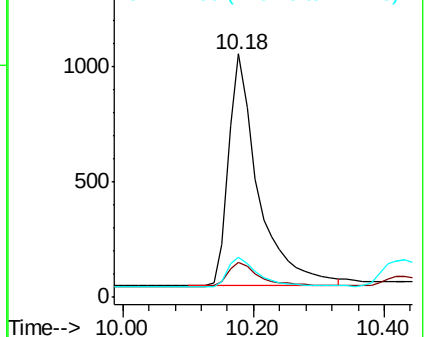
127 16.2 12.6 19.0



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: 0.450 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.06 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

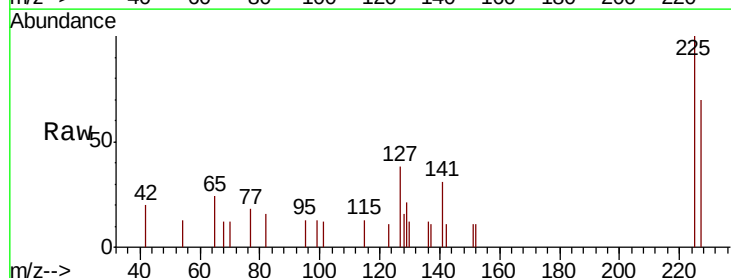
Tgt Ion:225 Resp: 758

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

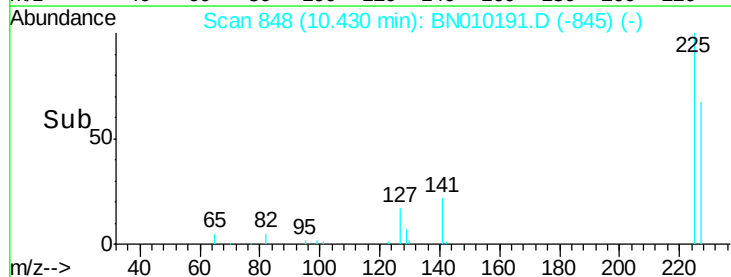
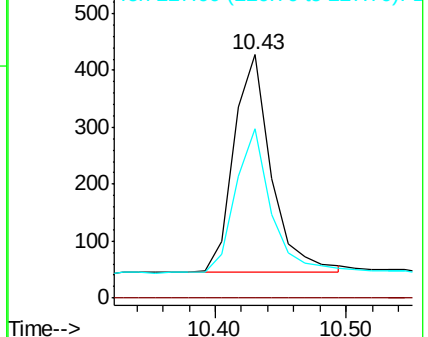
227 62.7 53.4 80.2

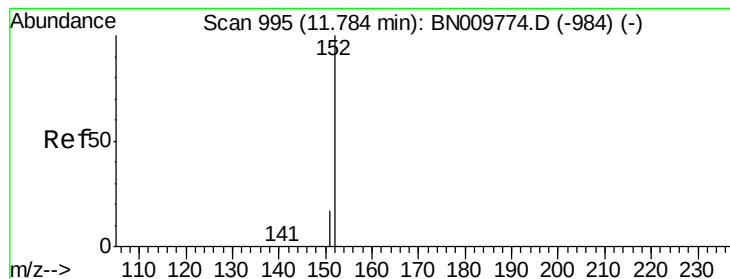


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 11.74 min Scan# 986

Delta R.T. -0.04 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

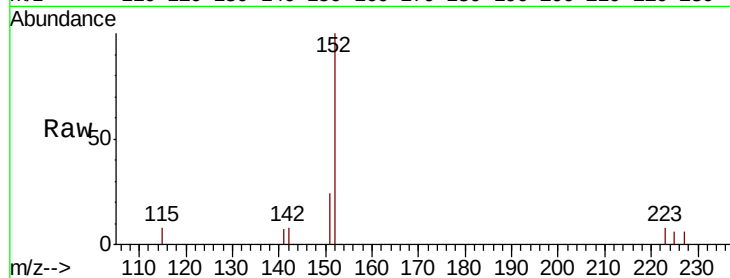
ClientSampleId :

Tot Ion:152 Resp: 2267

Ion Ratio Lower Upper

152 100

151 17.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

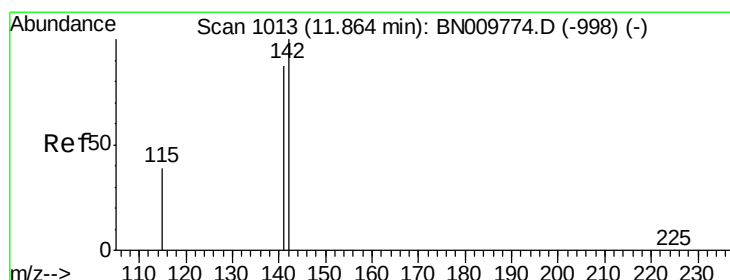
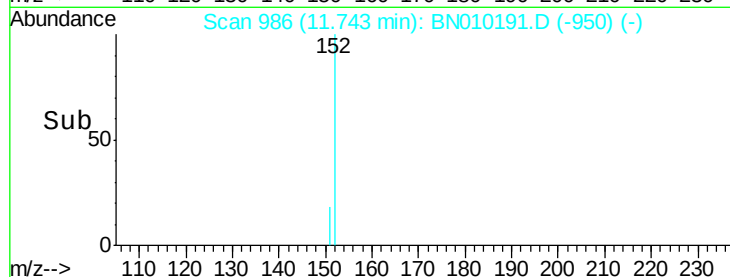
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

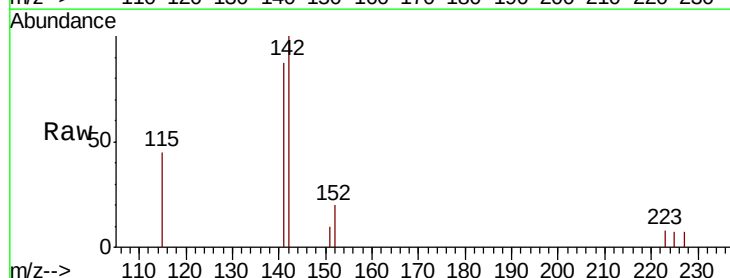
Tgt Ion:142 Resp: 2144

Ion Ratio Lower Upper

142 100

141 87.4 69.8 104.6

115 45.0 34.6 52.0



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

11.82

1000

800

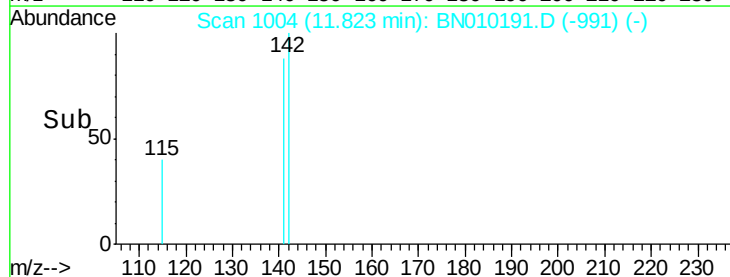
600

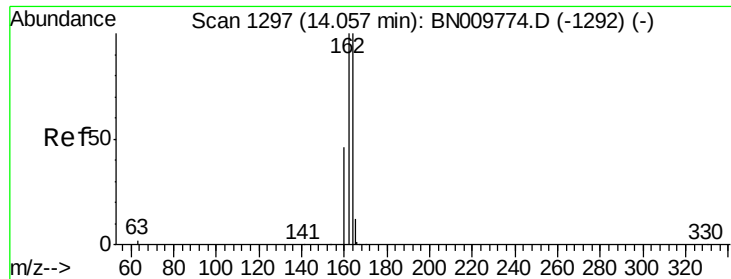
400

200

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

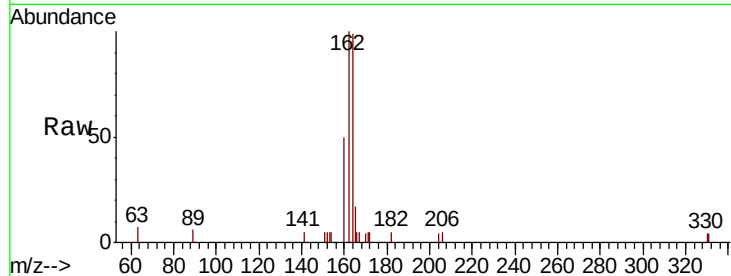
Tot Ion:164 Resp: 1928

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

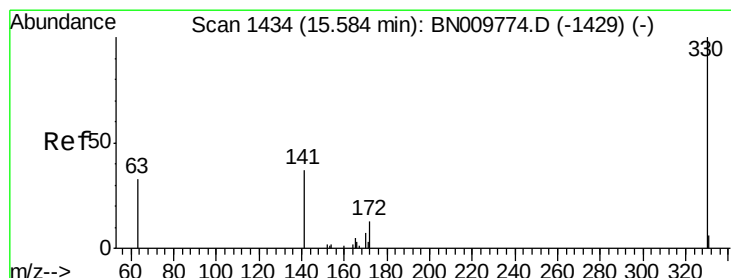
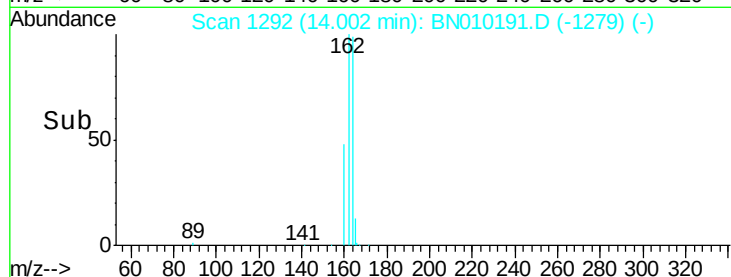
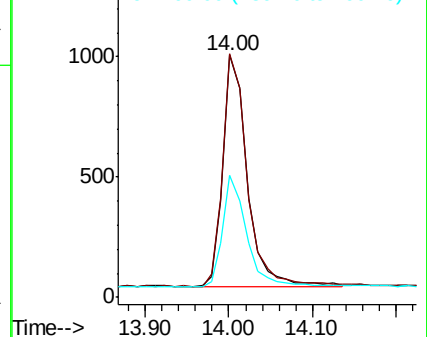
160 50.3 38.2 57.2



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: 0.436 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

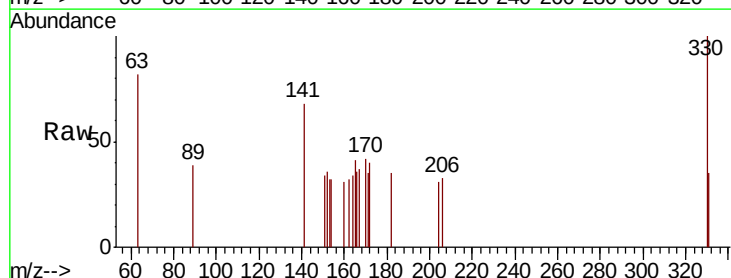
Tgt Ion:330 Resp: 324

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

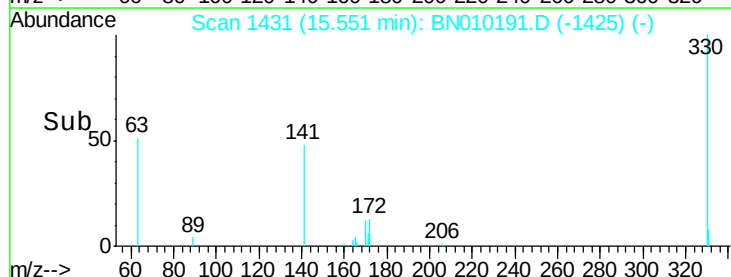
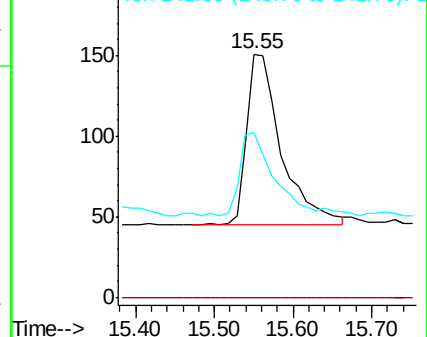
141 49.1 36.8 55.2

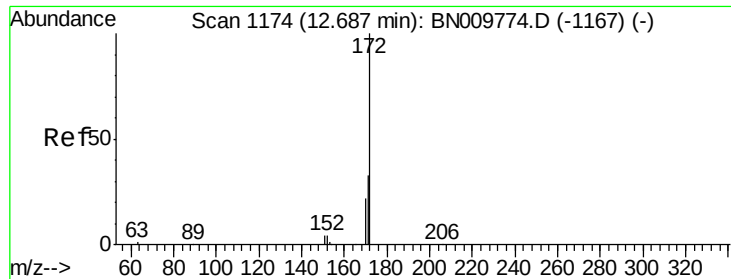


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

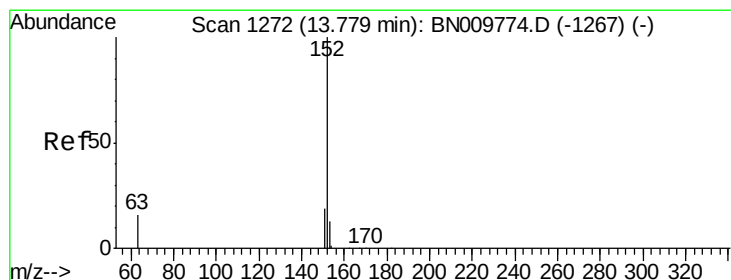
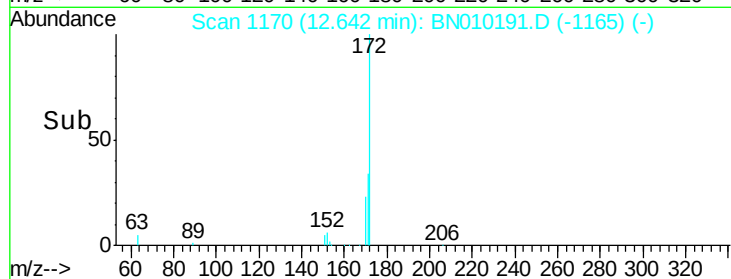
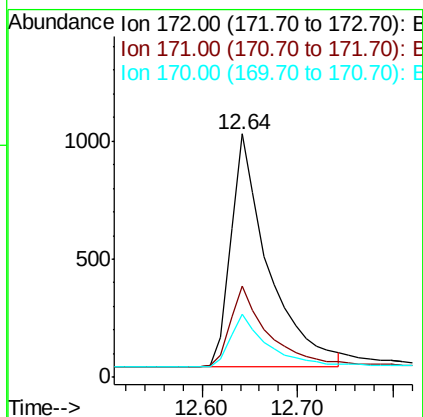
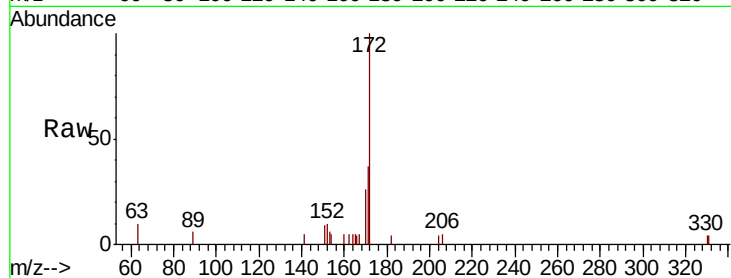




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

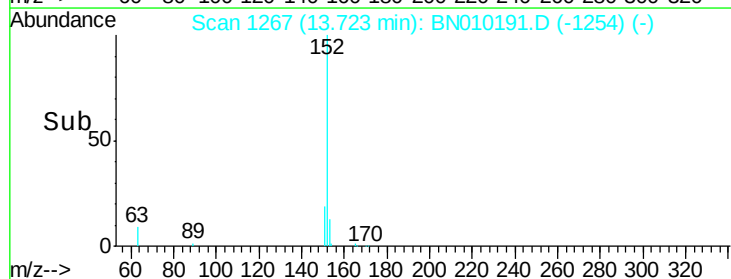
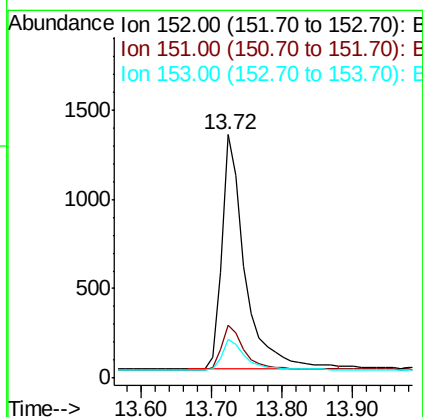
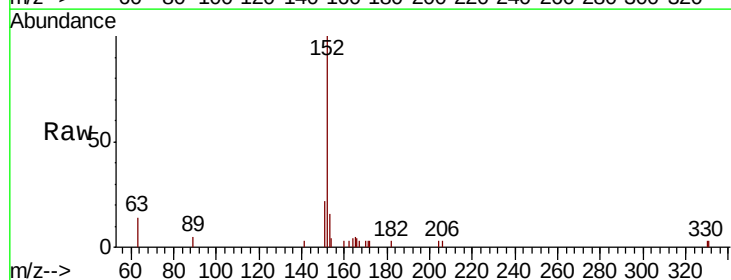
Instrument :
BNA_N
ClientSampleId :

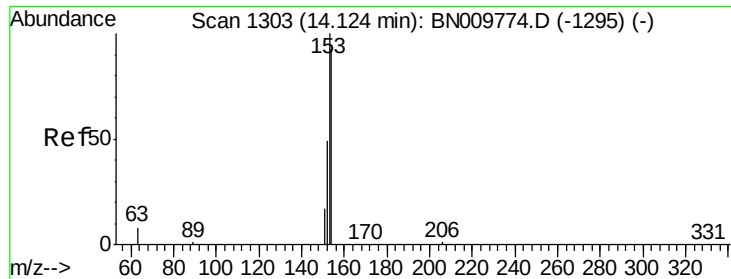
Tot Ion:172 Resp: 2685
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 26.0 20.1 30.1



#16
Acenaphthylene
Concen: 0.373 ng
RT: 13.72 min Scan# 1267
Delta R.T. -0.06 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

Tgt Ion:152 Resp: 3063
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 13.4 10.2 15.4





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.07 min Scan# 1298

Delta R.T. -0.06 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

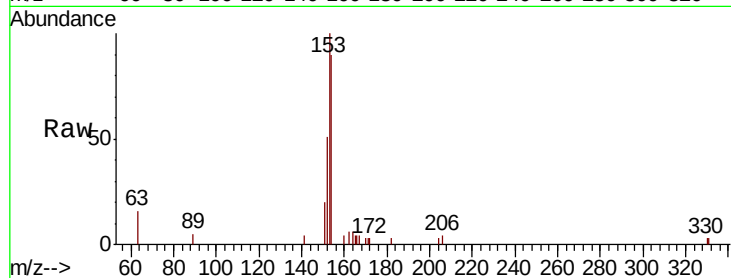
Tot Ion:154 Resp: 2355

Ion Ratio Lower Upper

154 100

153 110.7 88.9 133.3

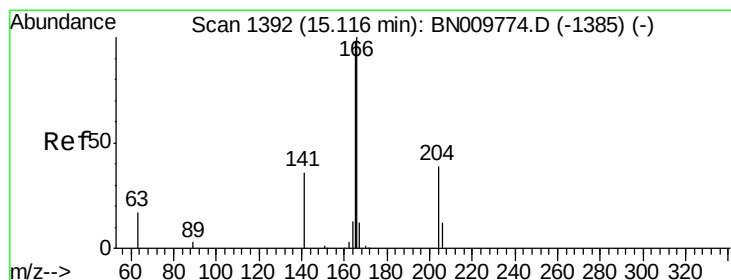
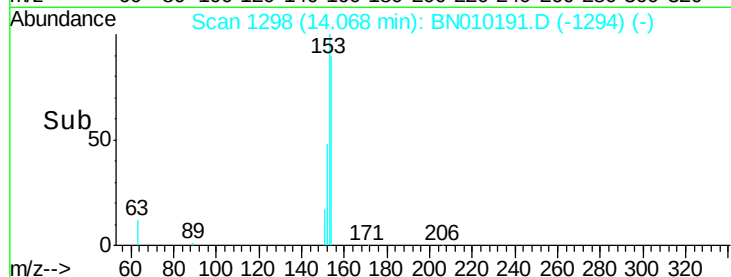
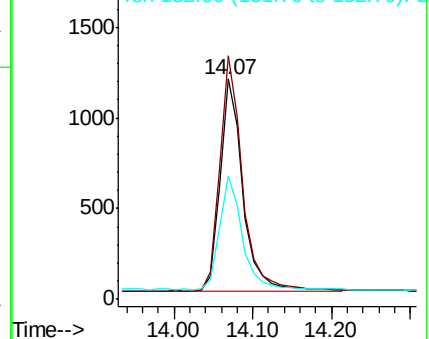
152 54.3 44.2 66.2



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: 0.403 ng

RT: 15.08 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

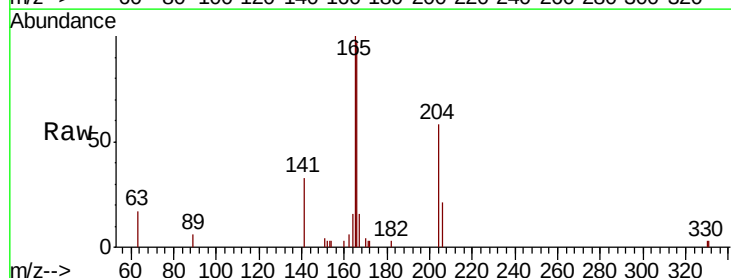
Tgt Ion:166 Resp: 3071

Ion Ratio Lower Upper

166 100

165 97.1 77.2 115.8

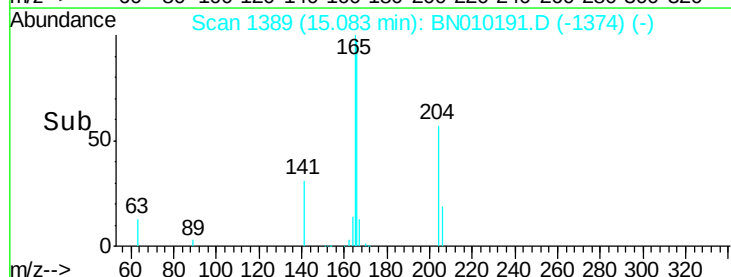
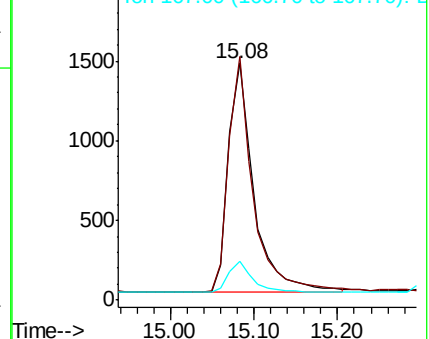
167 13.2 10.5 15.7

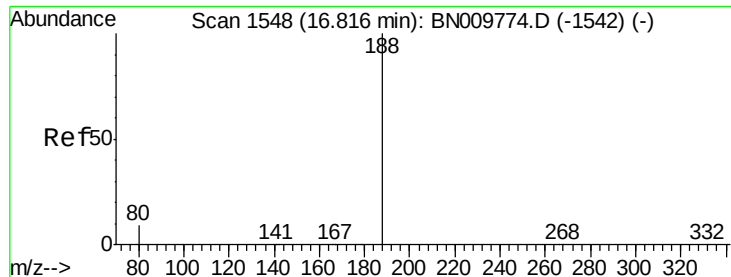


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampled :

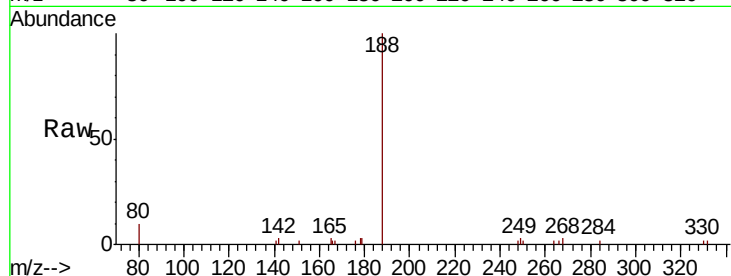
Tot Ion:188 Resp: 4648

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

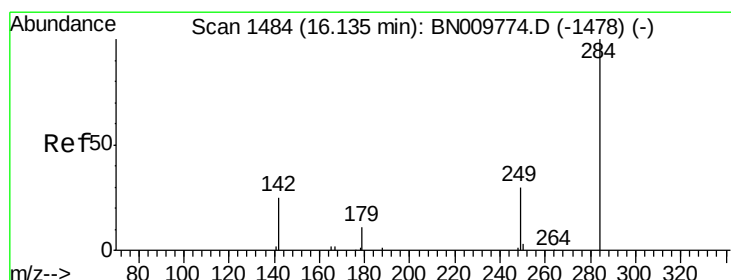
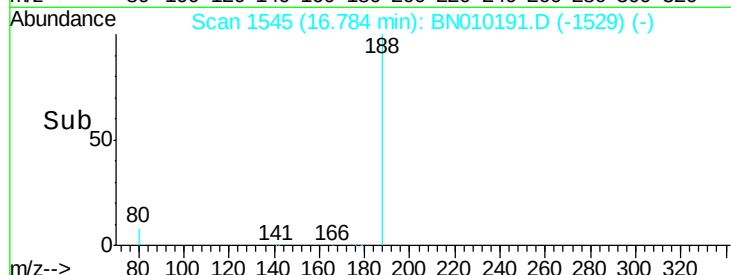
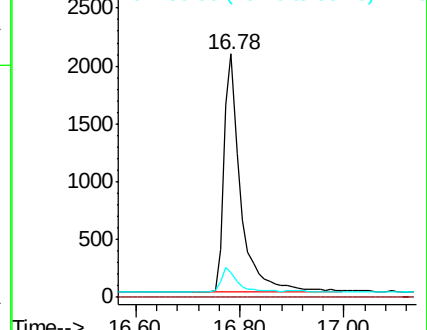
80 10.1 8.3 12.5



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



#21

Hexachlorobenzene

Concen: 0.443 ng

RT: 16.09 min Scan# 1480

Delta R.T. -0.04 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

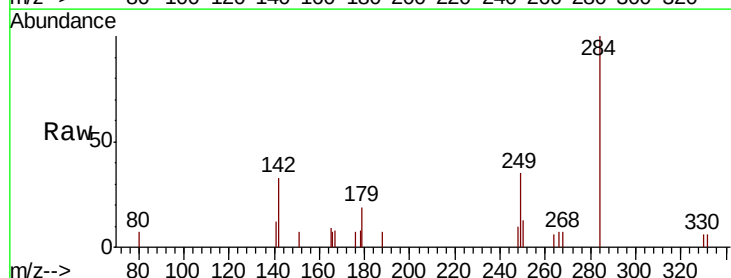
Tgt Ion:284 Resp: 1281

Ion Ratio Lower Upper

284 100

142 42.7 33.3 49.9

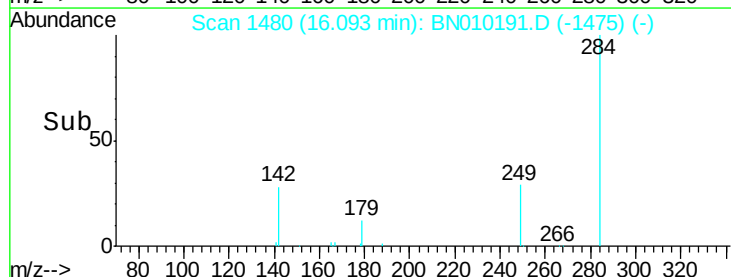
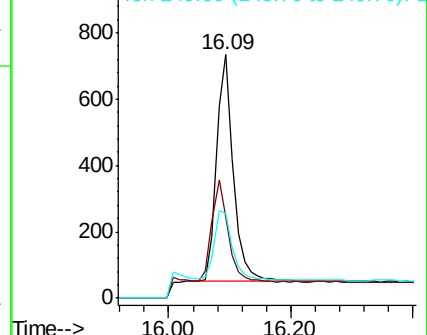
249 32.4 25.7 38.5

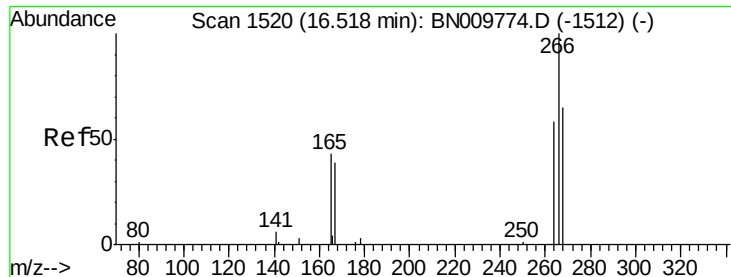


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

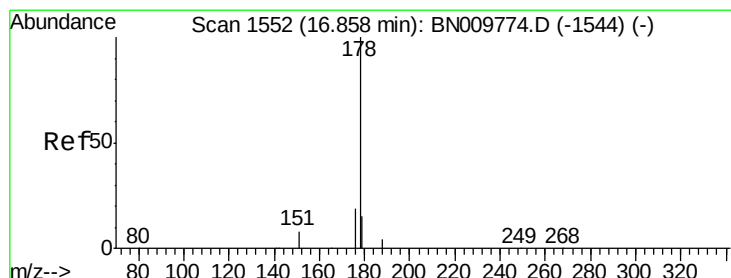
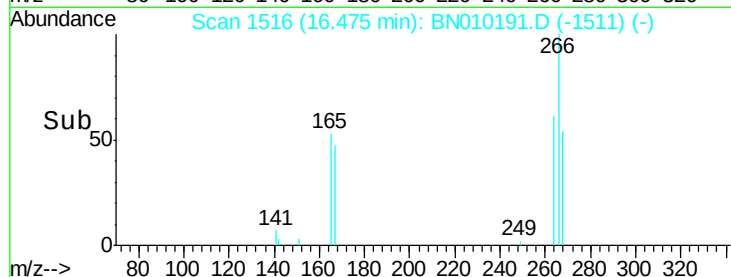
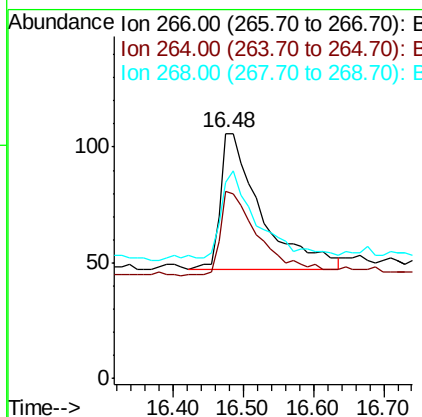
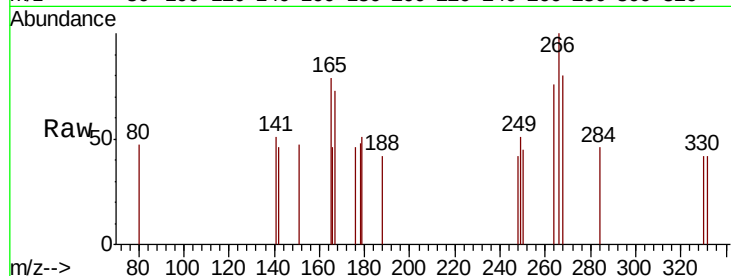




#22
 Pentachlorophenol
 Concen: 0.423 ng
 RT: 16.48 min Scan# 1516
 Delta R.T. -0.04 min
 Lab File: BN010191.D
 Acq: 11 Mar 2020 14:09

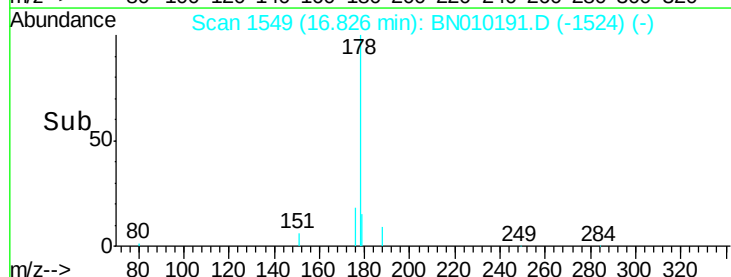
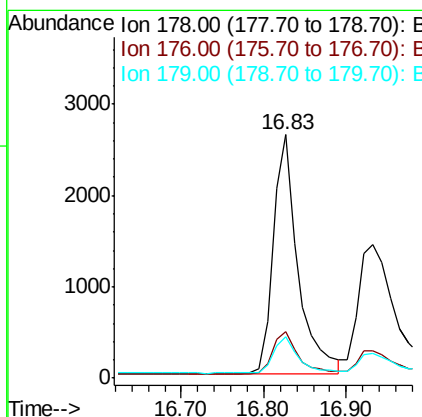
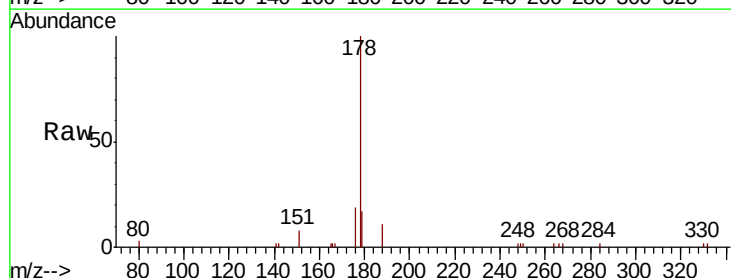
Instrument :
 BNA_N
 ClientSampleId :

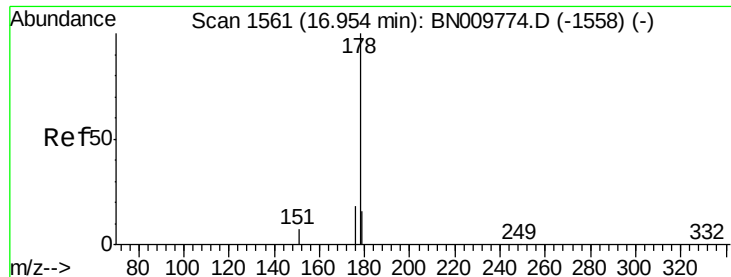
Tot Ion:266 Resp: 237
 Ion Ratio Lower Upper
 266 100
 264 76.4 58.1 87.1
 268 80.2 65.7 98.5



#23
 Phenanthrene
 Concen: 0.388 ng
 RT: 16.83 min Scan# 1549
 Delta R.T. -0.03 min
 Lab File: BN010191.D
 Acq: 11 Mar 2020 14:09

Tgt Ion:178 Resp: 5364
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.3 22.9
 179 15.6 12.4 18.6





#24

Anthracene

Concen: 0.354 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

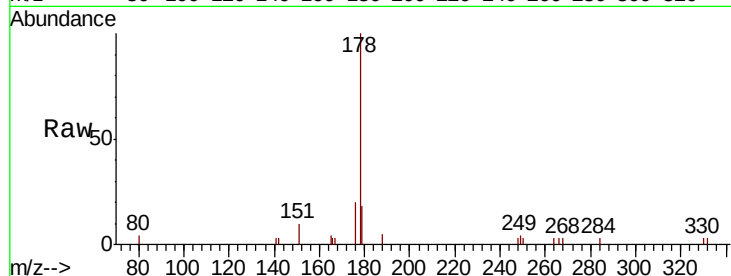
Tot Ion:178 Resp: 4140

Ion Ratio Lower Upper

178 100

176 18.5 14.3 21.5

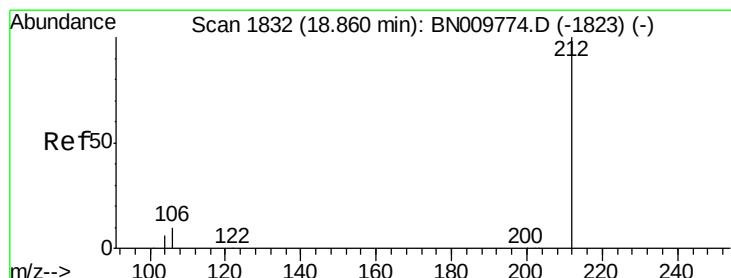
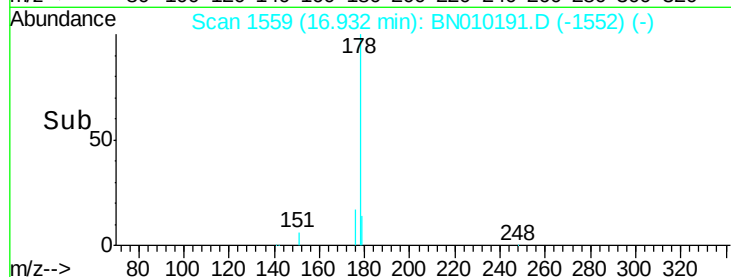
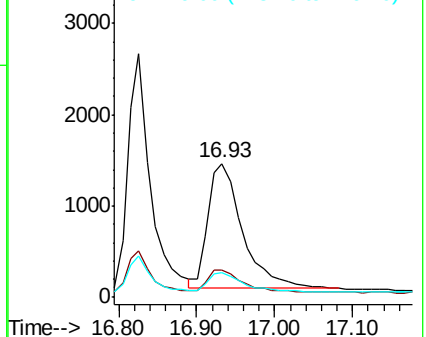
179 15.7 12.4 18.6



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



#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 18.82 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

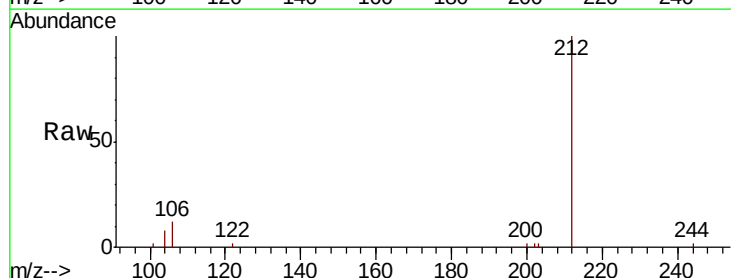
Tgt Ion:212 Resp: 5750

Ion Ratio Lower Upper

212 100

106 10.2 8.4 12.6

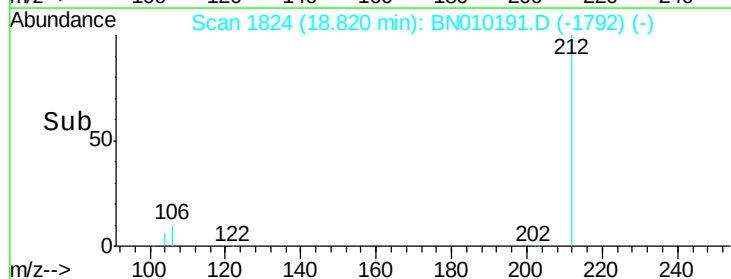
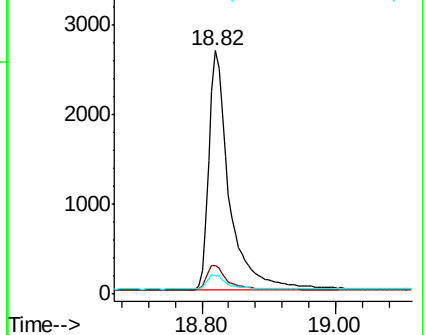
104 5.8 4.8 7.2

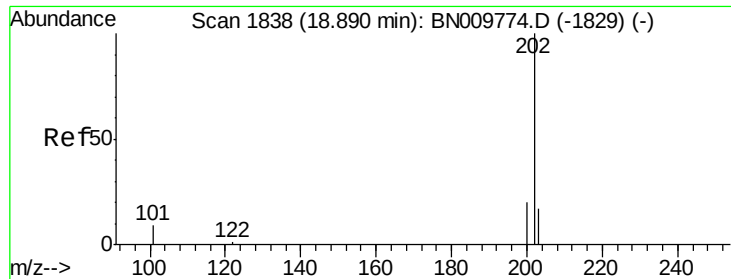


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

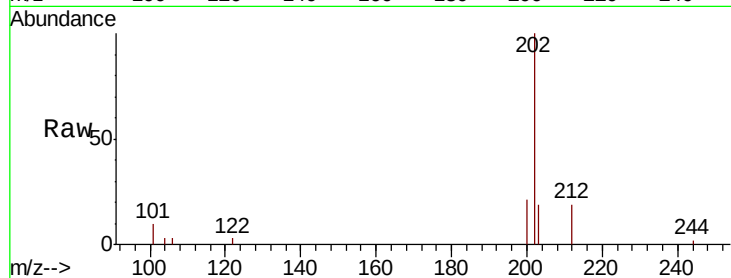




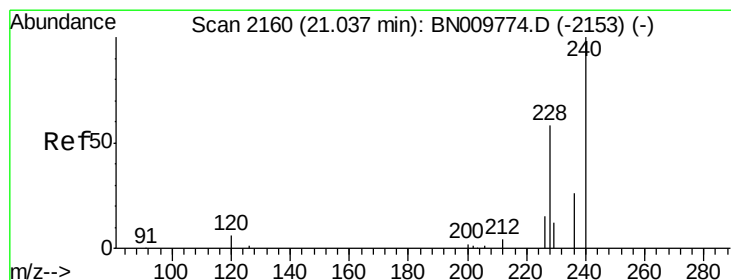
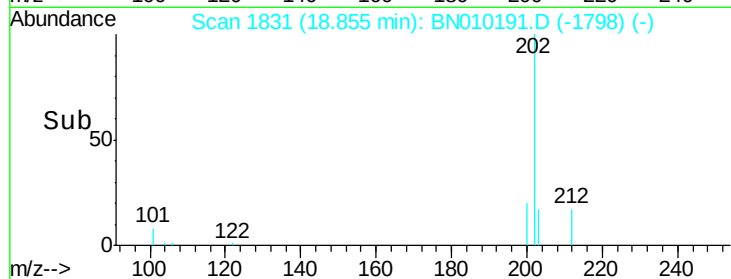
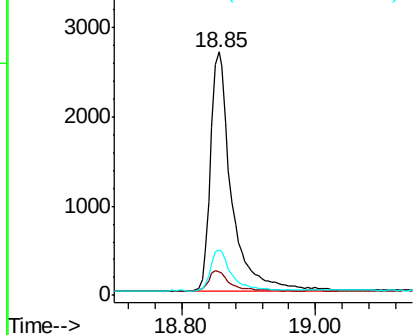
#26
Fluoranthene
Concen: 0.353 ng
RT: 18.85 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 5849
Ion Ratio Lower Upper
202 100
101 8.4 7.1 10.7
203 16.7 13.8 20.6

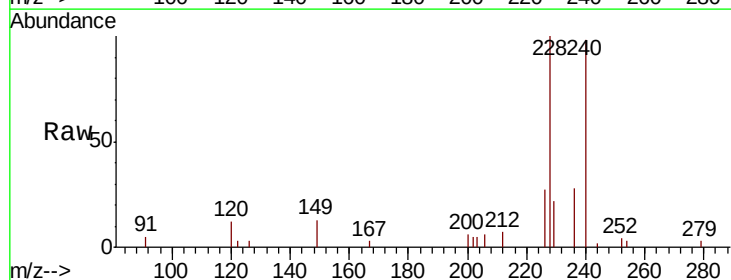


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

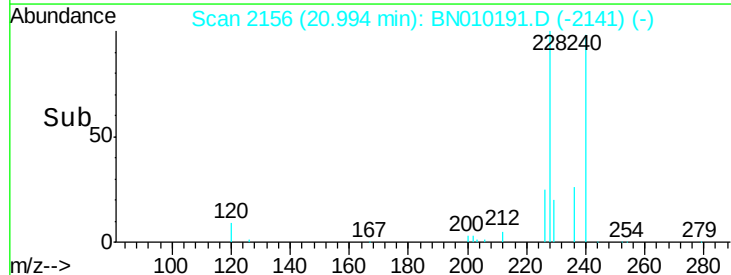
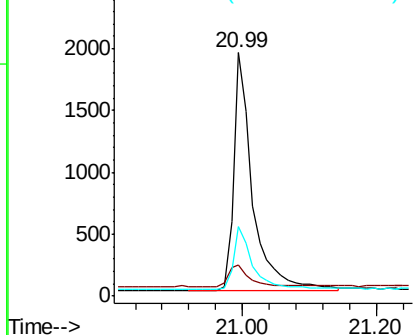


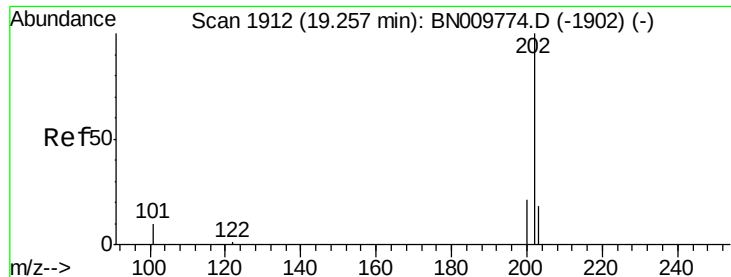
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

Tgt Ion:240 Resp: 3788
Ion Ratio Lower Upper
240 100
120 12.5 7.9 11.9#
236 28.3 22.0 33.0



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

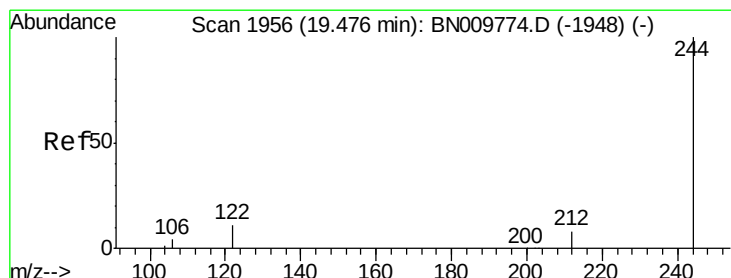
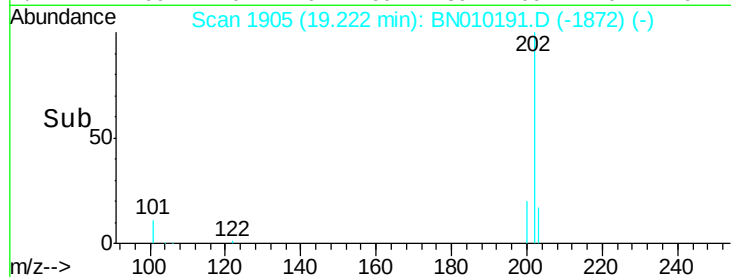
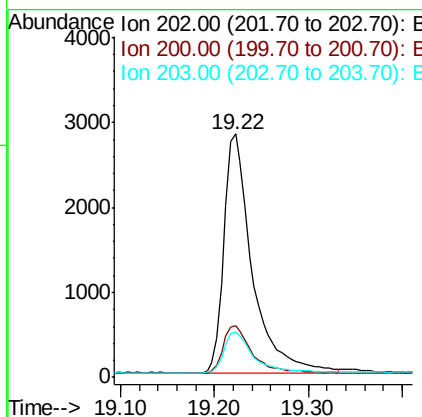
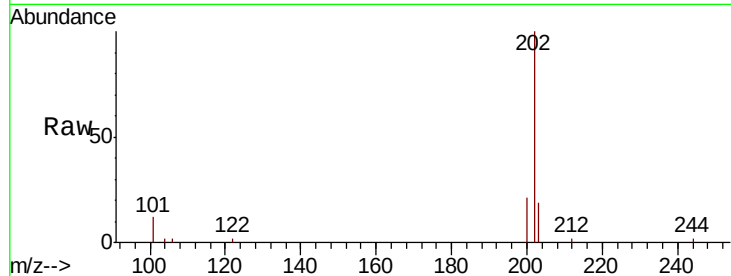




#28
Pvrene
Concen: 0.408 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

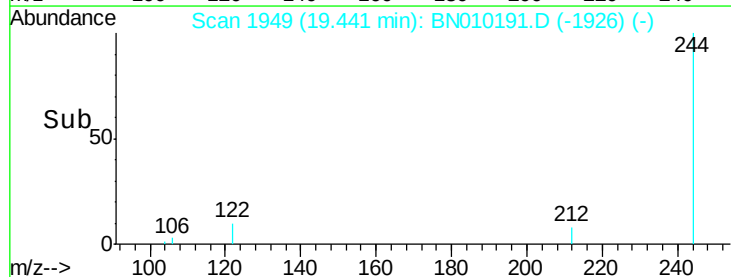
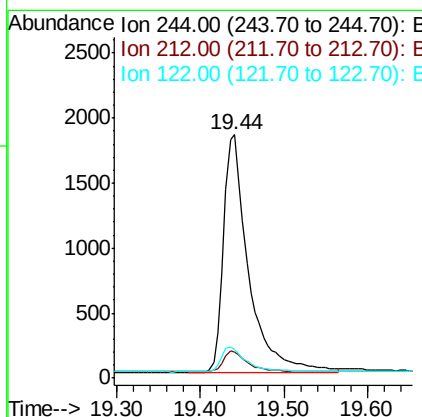
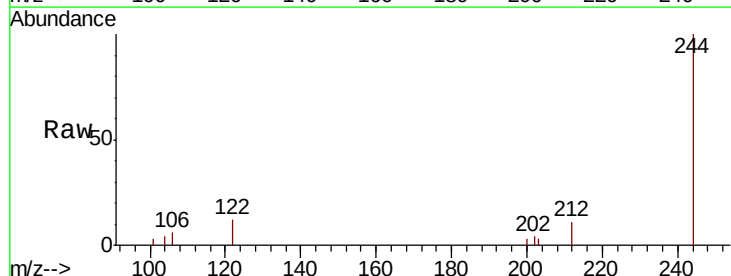
Instrument :
BNA_N
ClientSampleId :

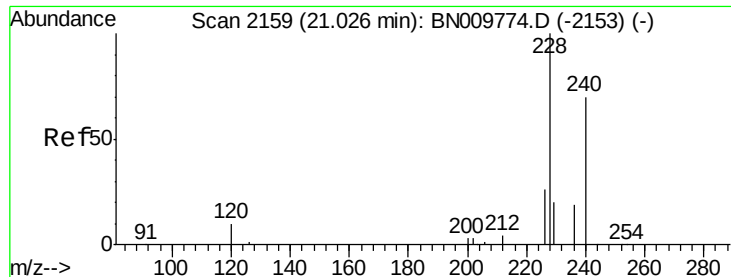
Tot Ion:202 Resp: 5871
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.5 13.9 20.9



#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.44 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

Tgt Ion:244 Resp: 3807
Ion Ratio Lower Upper
244 100
212 10.7 8.0 12.0
122 11.9 10.0 15.0





#30

Benzo(a)anthracene

Concen: 0.382 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

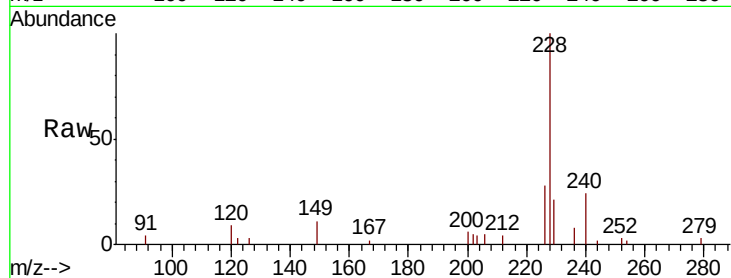
Tot Ion:228 Resp: 4802

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

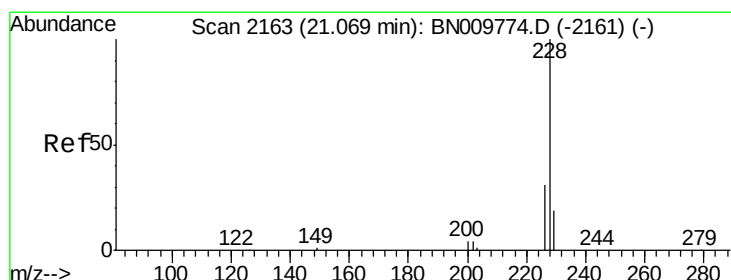
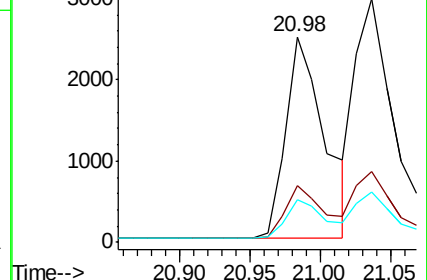
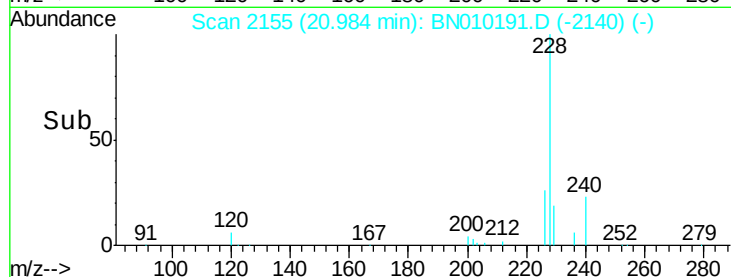
229 20.7 17.1 25.7



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: 0.398 ng

RT: 21.04 min Scan# 2160

Delta R.T. -0.03 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

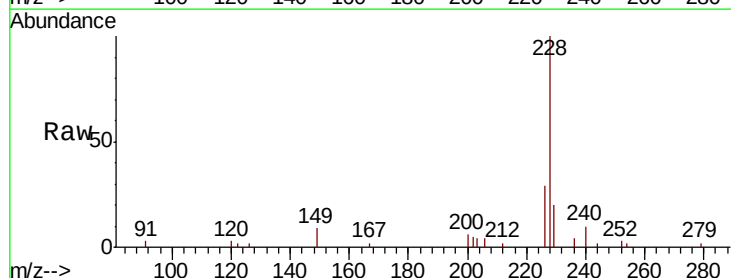
Tgt Ion:228 Resp: 5782

Ion Ratio Lower Upper

228 100

226 28.9 24.8 37.2

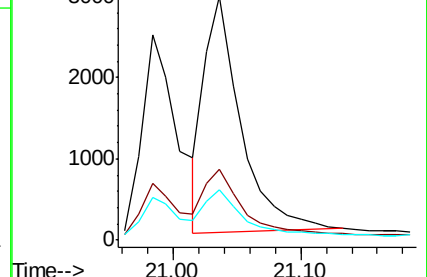
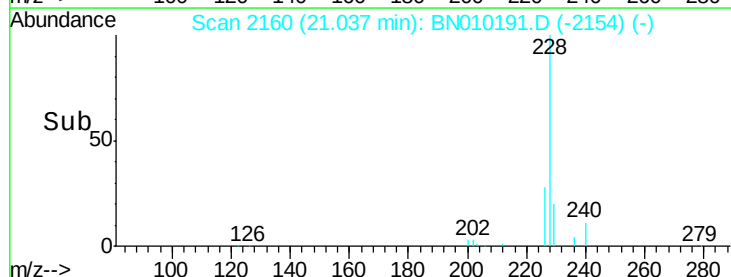
229 20.5 16.4 24.6

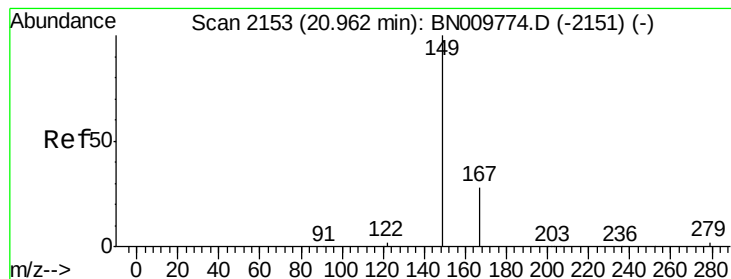


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.431 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

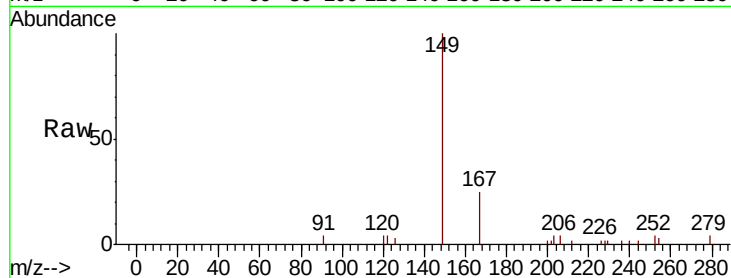
Tot Ion:149 Resp: 2645

Ion Ratio Lower Upper

149 100

167 26.8 22.7 34.1

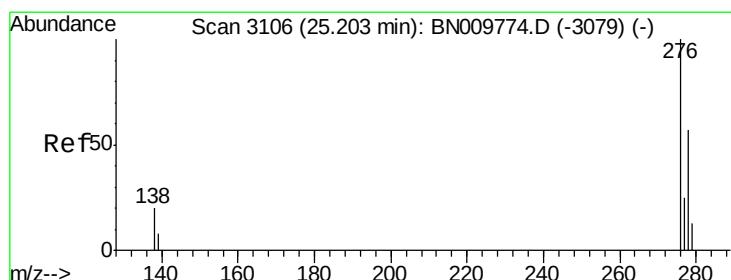
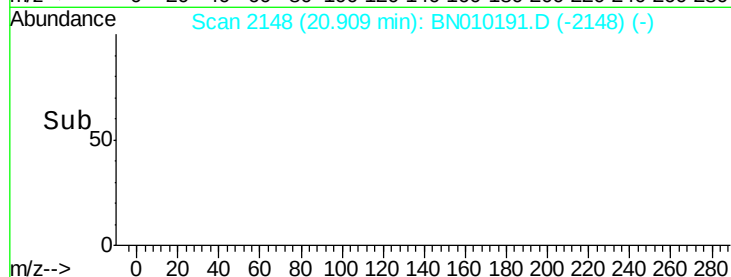
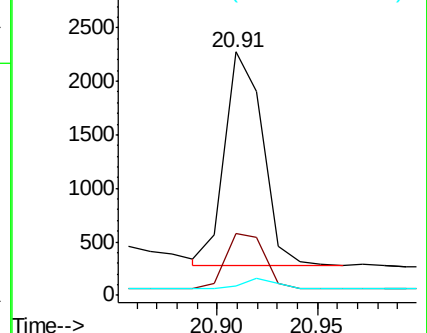
279 4.0 3.1 4.7



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: 0.408 ng

RT: 25.14 min Scan# 3087

Delta R.T. -0.07 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

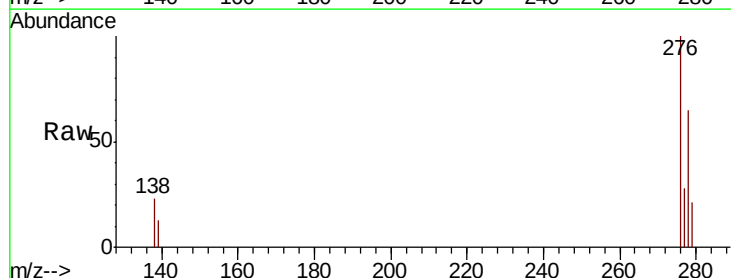
Tgt Ion:276 Resp: 6172

Ion Ratio Lower Upper

276 100

138 17.7 15.8 23.6

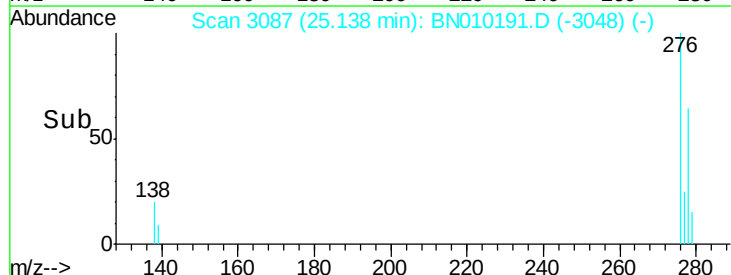
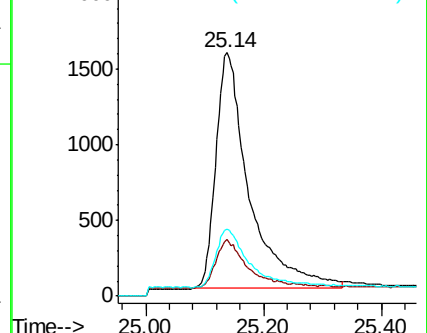
277 22.7 19.3 28.9

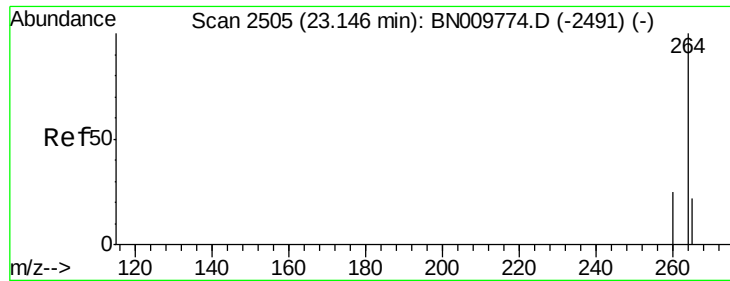


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

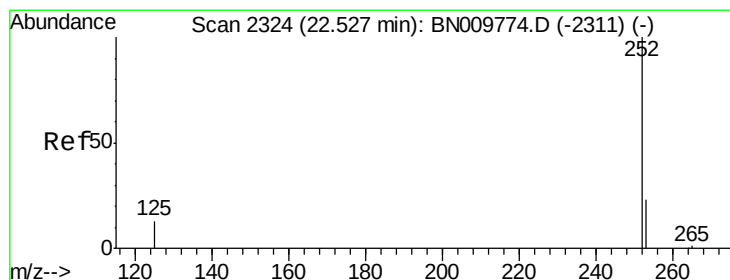
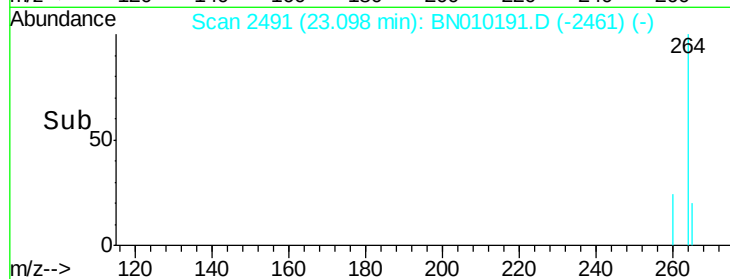
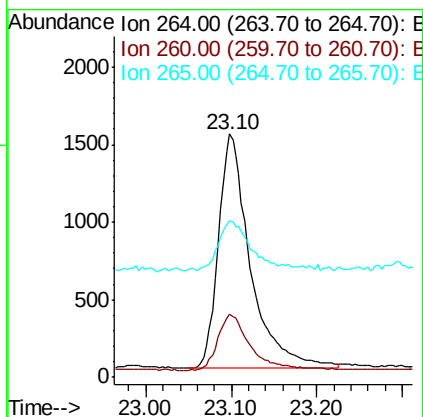
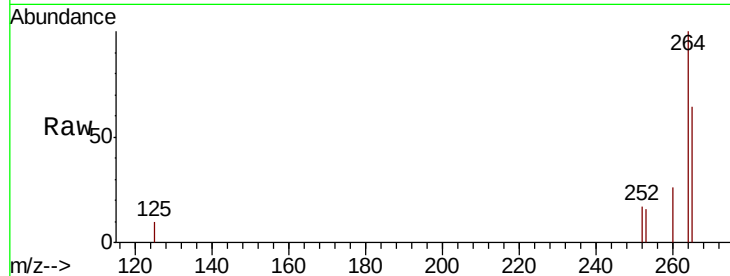




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

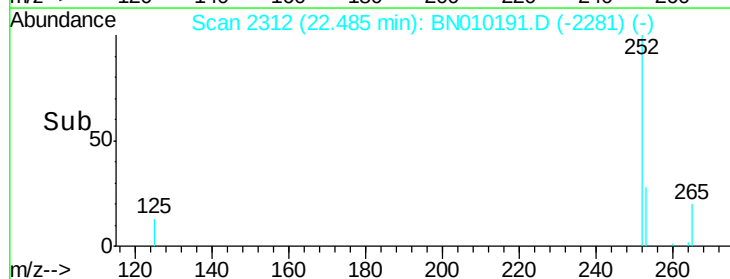
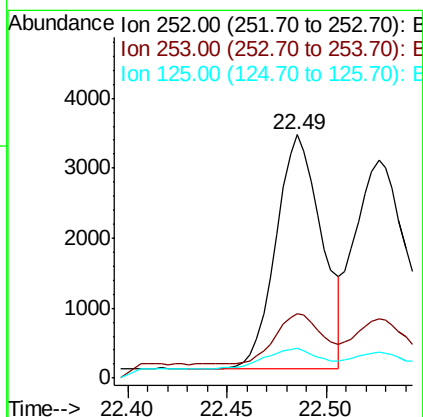
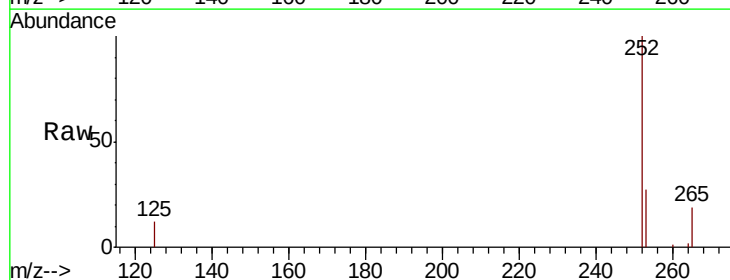
Instrument :
BNA_N
ClientSampleId :

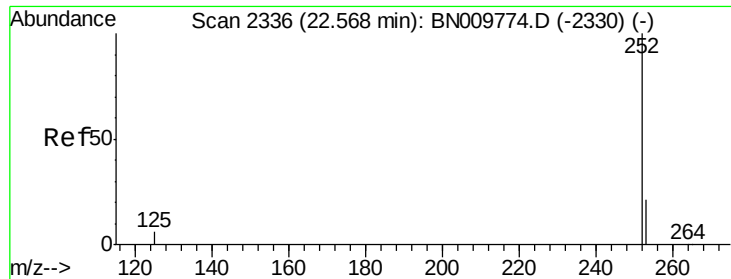
Tot Ion:264 Resp: 3917
Ion Ratio Lower Upper
264 100
260 25.9 21.1 31.7
265 64.5 57.5 86.3



#35
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 22.49 min Scan# 2312
Delta R.T. -0.04 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

Tgt Ion:252 Resp: 5404
Ion Ratio Lower Upper
252 100
253 26.6 23.0 34.6
125 12.1 14.4 21.6#

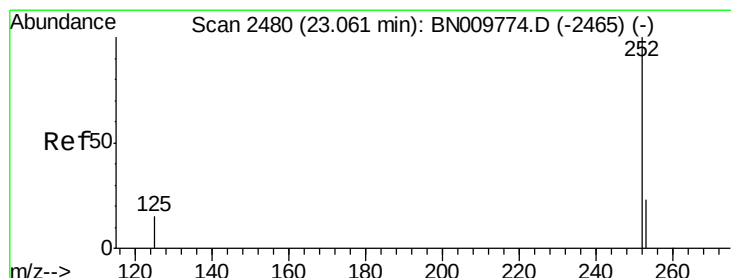
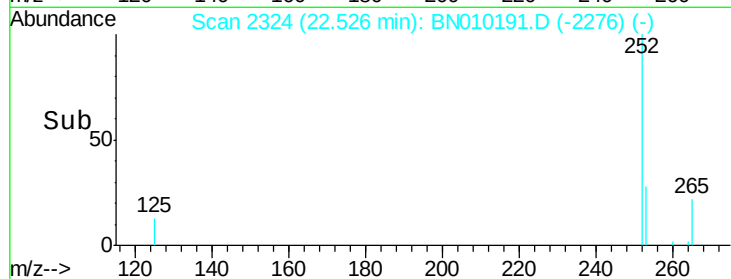
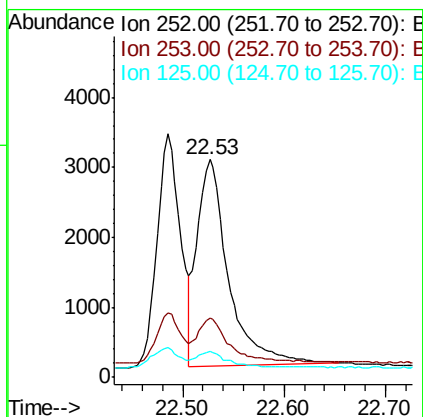
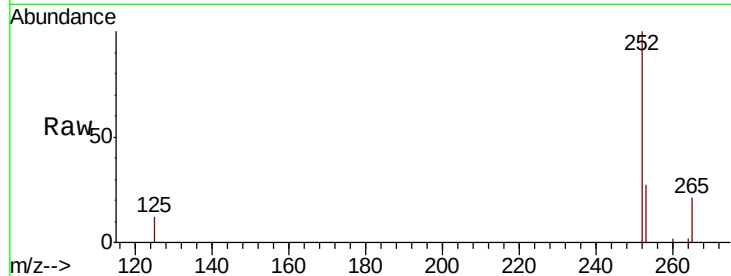




#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 22.53 min Scan# 2324
Delta R.T. -0.04 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

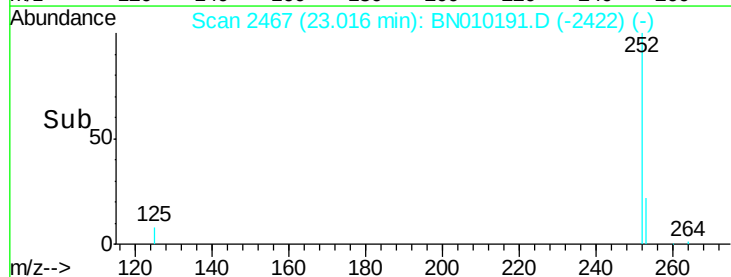
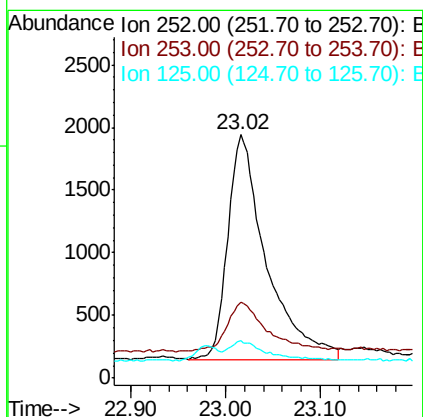
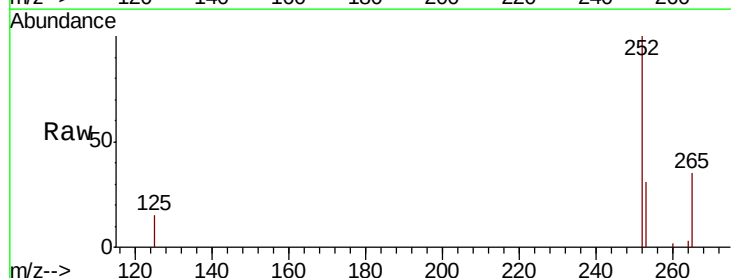
Instrument :
BNA_N
ClientSampleId :

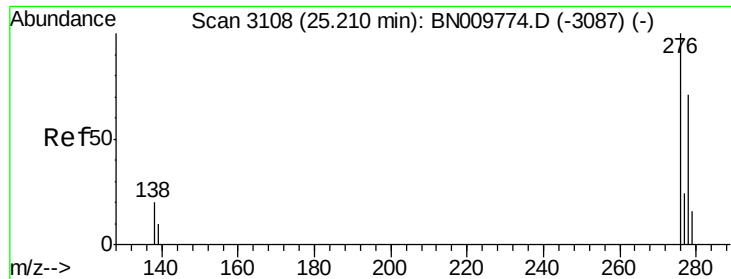
Tot Ion:252 Resp: 6312
Ion Ratio Lower Upper
252 100
253 27.2 22.2 33.2
125 12.0 10.5 15.7



#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.02 min Scan# 2467
Delta R.T. -0.04 min
Lab File: BN010191.D
Acq: 11 Mar 2020 14:09

Tgt Ion:252 Resp: 5068
Ion Ratio Lower Upper
252 100
253 31.3 25.3 37.9
125 15.2 17.7 26.5#





#38

Dibenzo(a,h)anthracene

Concen: 0.377 ng

RT: 25.14 min Scan# 3089

Delta R.T. -0.07 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

Instrument :

BNA_N

ClientSampleId :

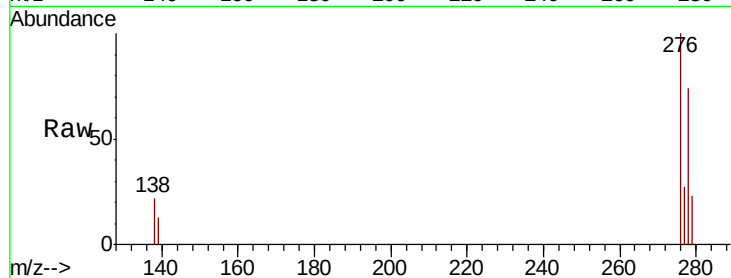
Tot Ion:278 Resp: 4855

Ion Ratio Lower Upper

278 100

139 17.9 14.5 21.7

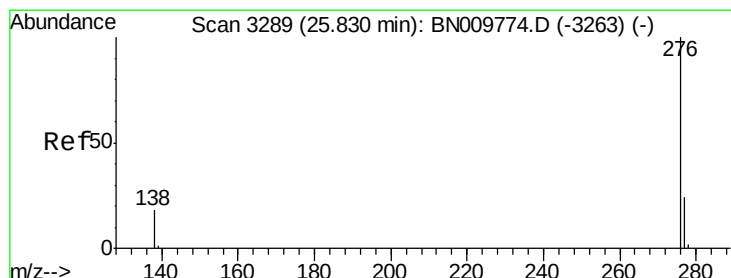
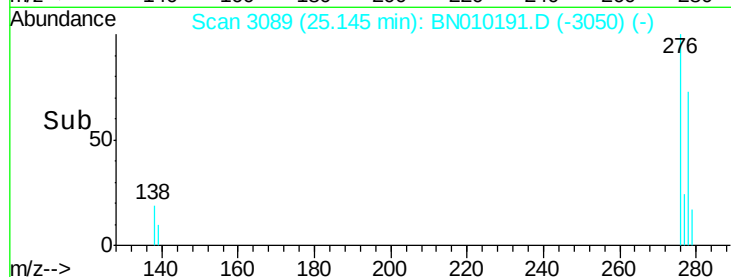
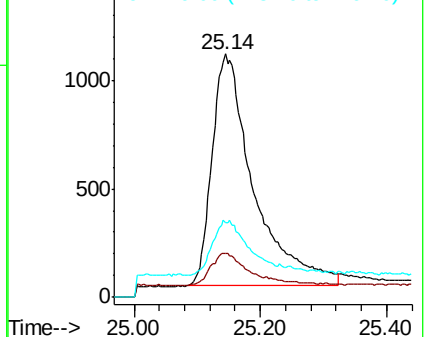
279 30.6 24.3 36.5



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(g,h,i)perylene

Concen: 0.415 ng

RT: 25.75 min Scan# 3267

Delta R.T. -0.08 min

Lab File: BN010191.D

Acq: 11 Mar 2020 14:09

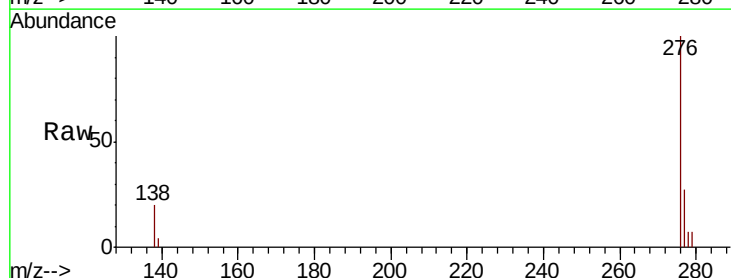
Tgt Ion:276 Resp: 5688

Ion Ratio Lower Upper

276 100

277 26.9 21.4 32.0

138 20.5 16.6 24.8



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

