

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010882.D
 Acq On : 15 Jun 2020 20:02
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 16 03:22:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2902	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	10282	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5580	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11493	0.40	ng	0.00
27) Chrysene-d12	21.13	240	11249	0.40	ng	0.00
34) Perylene-d12	23.27	264	12416	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2733	0.49	ng	0.00
5) Phenol-d6	6.74	99	3269	0.50	ng	0.00
8) Nitrobenzene-d5	8.68	82	3157	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	6760	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	835	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	9303	0.42	ng	0.00
25) Fluoranthene-d10	18.96	212	13642	0.43	ng	0.00
29) Terphenyl-d14	19.57	244	10670	0.41	ng	0.00

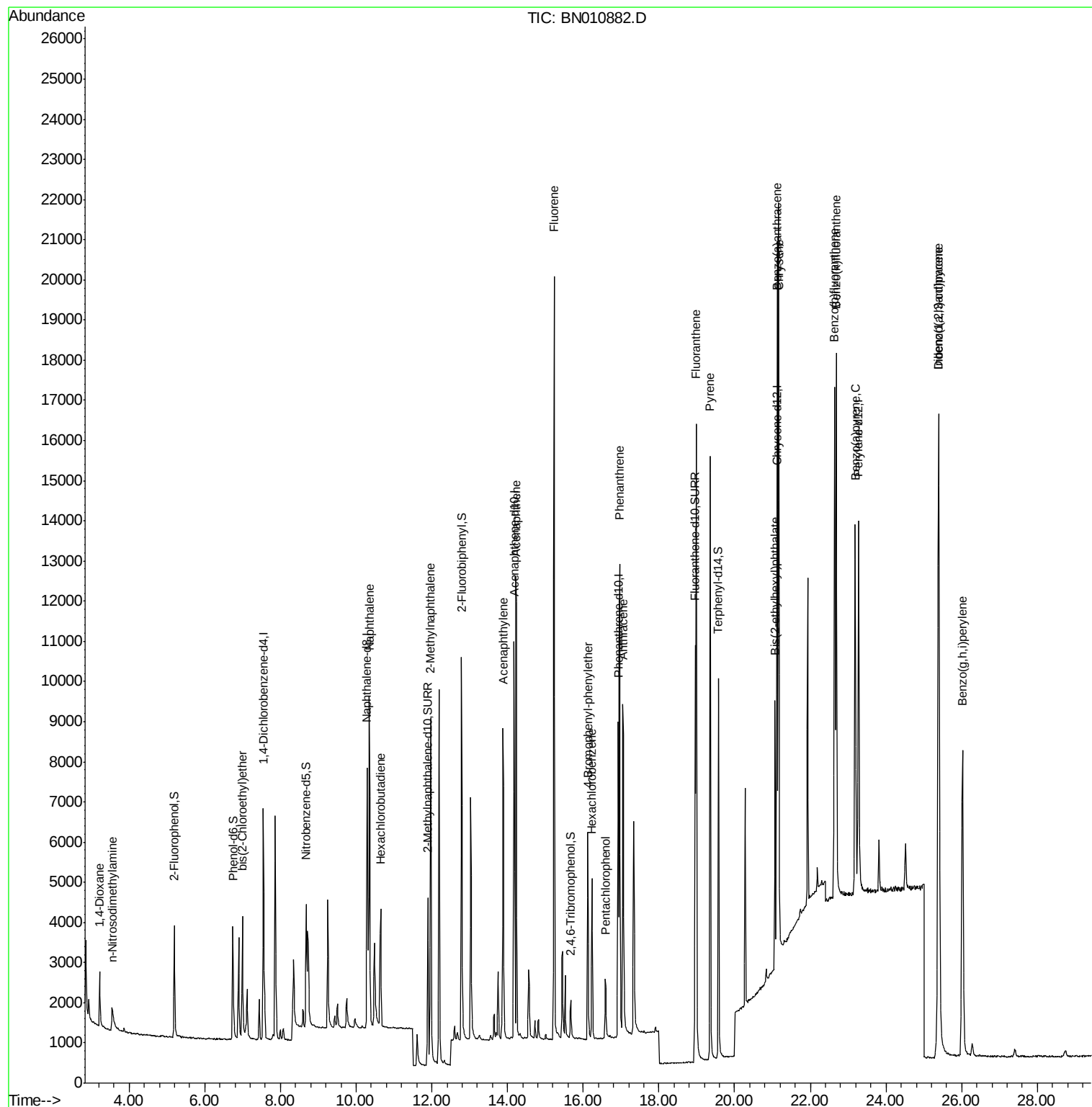
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1315	0.463	ng	95
3) n-Nitrosodimethylamine	3.55	42	607	0.367	ng	# 94
6) bis(2-Chloroethyl)ether	6.99	93	3135	0.487	ng	93
9) Naphthalene	10.34	128	11043	0.427	ng	99
10) Hexachlorobutadiene	10.65	225	2524	0.395	ng	# 99
12) 2-Methylnaphthalene	11.97	142	7297	0.422	ng	99
16) Acenaphthylene	13.88	152	9711	0.425	ng	100
17) Acenaphthene	14.24	154	6652	0.427	ng	99
18) Fluorene	15.23	166	8429	0.419	ng	99
20) 4-Bromophenyl-phenylether	16.12	248	2732	0.396	ng	93
21) Hexachlorobenzene	16.23	284	3047	0.423	ng	96
22) Pentachlorophenol	16.58	266	952	0.394	ng	98
23) Phenanthrene	16.96	178	13273	0.423	ng	99
24) Anthracene	17.05	178	11107	0.424	ng	100
26) Fluoranthene	18.99	202	15281	0.429	ng	99
28) Pyrene	19.35	202	15322	0.412	ng	100
30) Benzo(a)anthracene	21.11	228	14439	0.437	ng	99
31) Chrysene	21.16	228	15593	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	5460	0.495	ng	96
33) Indeno(1,2,3-cd)pyrene	25.38	276	19961	0.464	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	15839	0.375	ng	97
36) Benzo(k)fluoranthene	22.68	252	18149	0.404	ng	98
37) Benzo(a)pyrene	23.18	252	14766	0.408	ng	94
38) Dibenzo(a,h)anthracene	25.39	278	16028	0.388	ng	96
39) Benzo(g,h,i)perylene	26.02	276	16289	0.377	ng	97

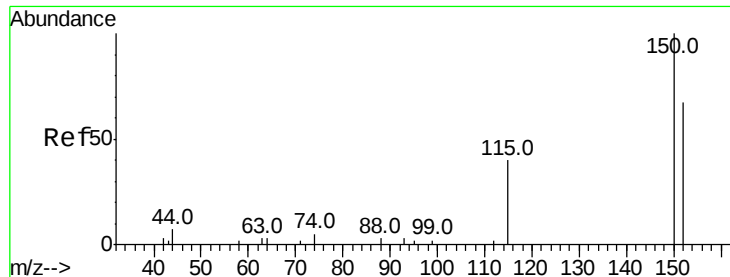
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 16 03:22:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
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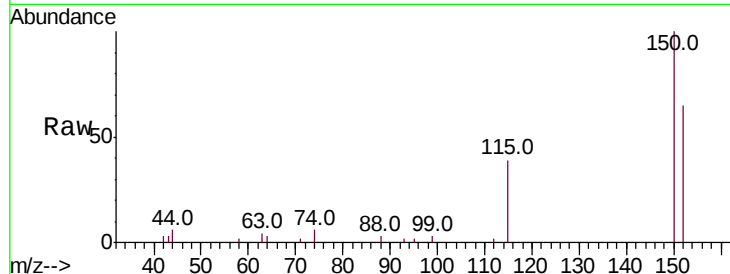


#1

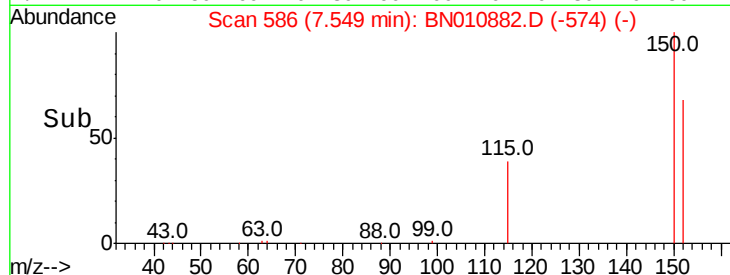
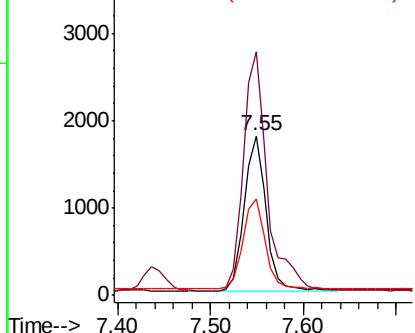
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2902
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 60.1 49.2 73.8



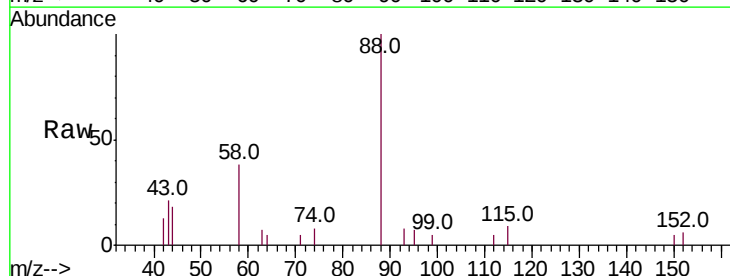
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



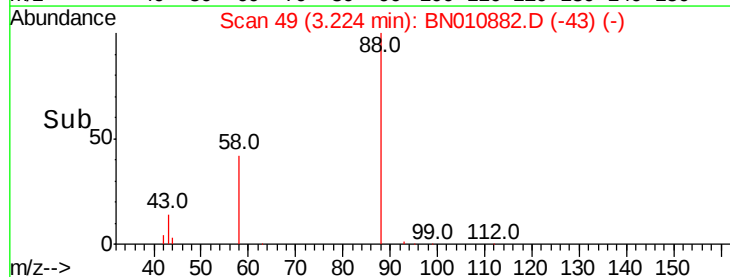
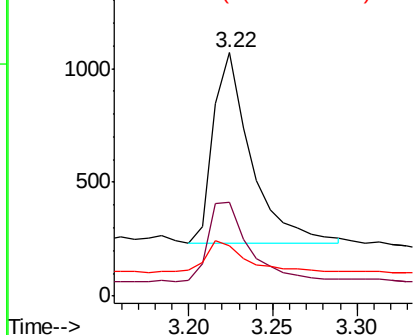
#2

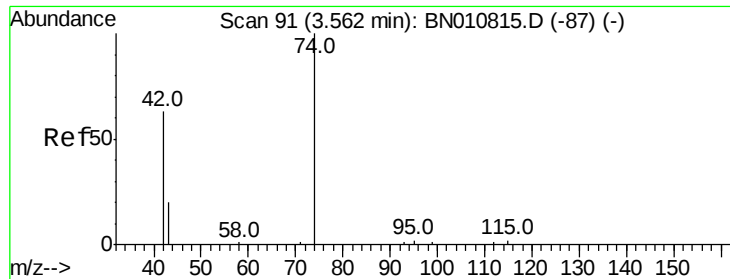
1,4-Dioxane
Concen: 0.463 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Tgt Ion: 88 Resp: 1315
Ion Ratio Lower Upper
88 100
58 44.0 38.2 57.4
43 16.8 15.1 22.7



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: 0.367 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

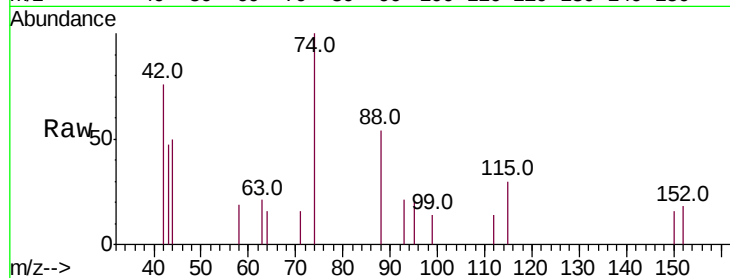
Tot Ion: 42 Resp: 607

Ion Ratio Lower Upper

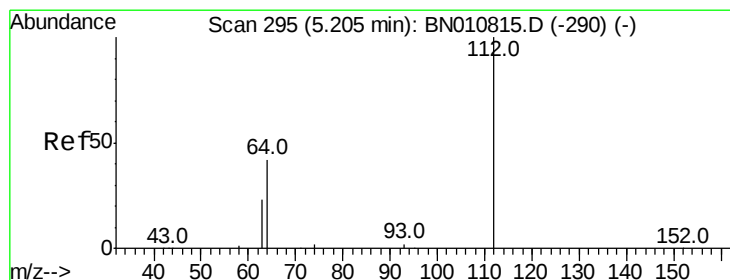
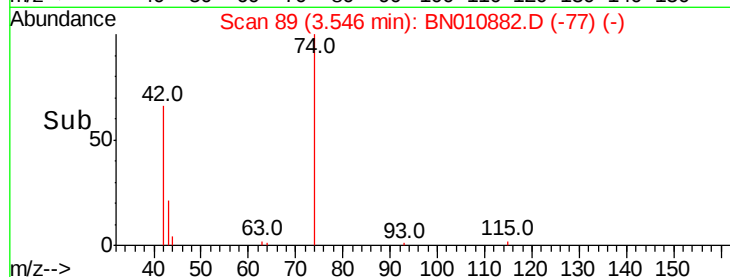
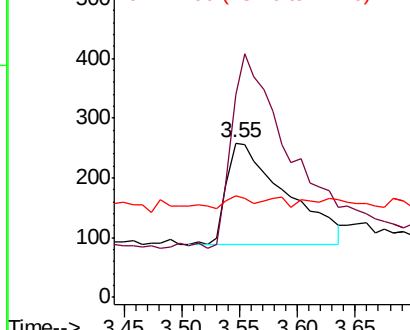
42 100

74 184.0 140.7 211.1

44 4.9 1.4 2.2#



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: 0.488 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

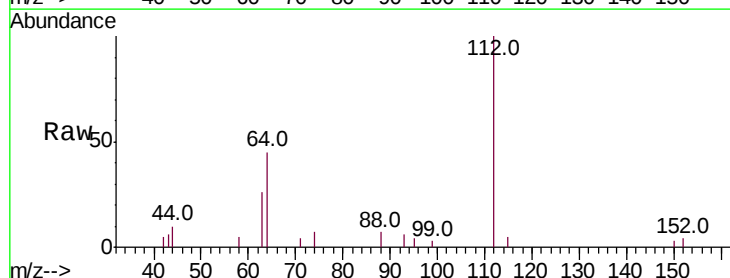
Tgt Ion: 112 Resp: 2733

Ion Ratio Lower Upper

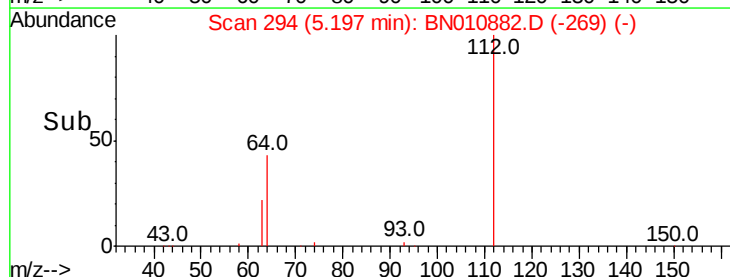
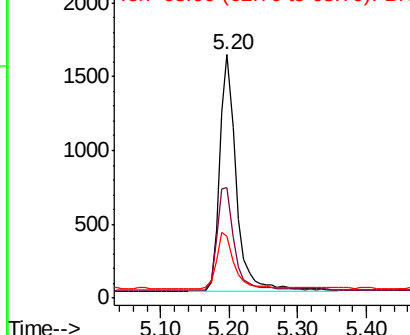
112 100

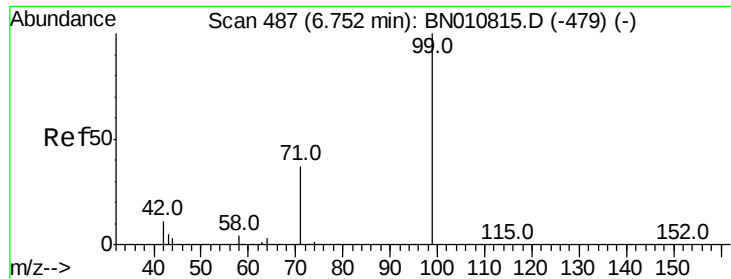
64 46.2 37.4 56.0

63 25.0 22.2 33.4



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: 0.495 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

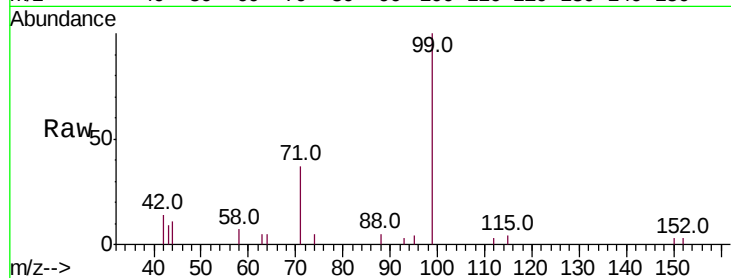
Tot Ion: 99 Resp: 3269

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

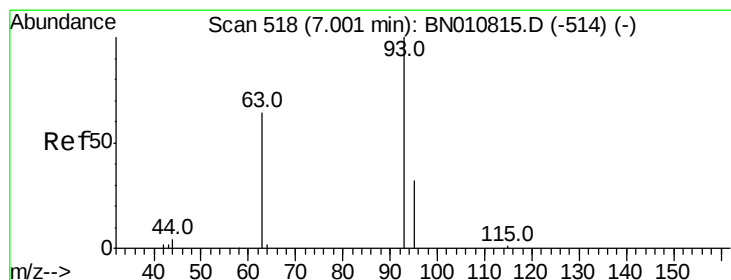
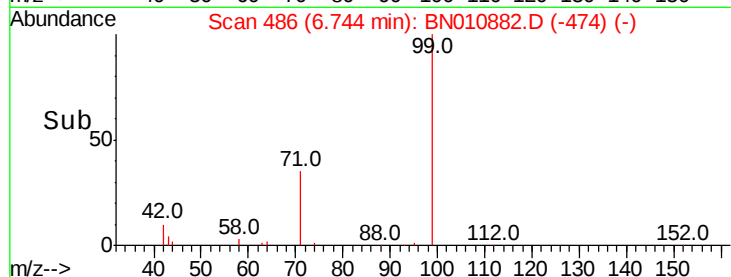
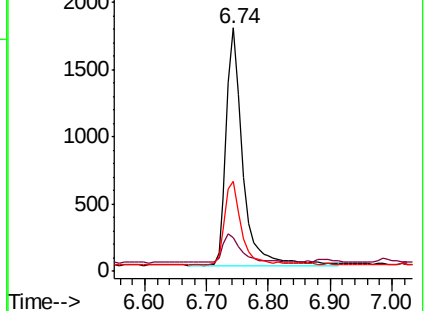
71 35.1 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010882.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010882.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010882.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.487 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

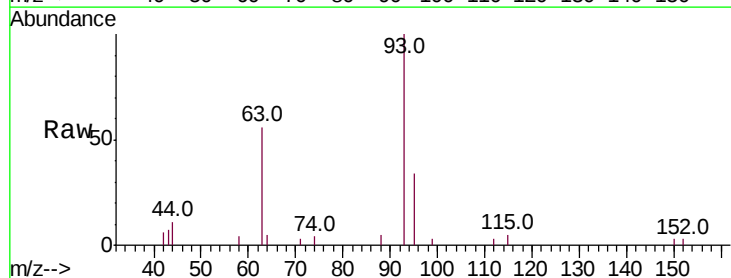
Tgt Ion: 93 Resp: 3135

Ion Ratio Lower Upper

93 100

63 55.1 49.4 74.2

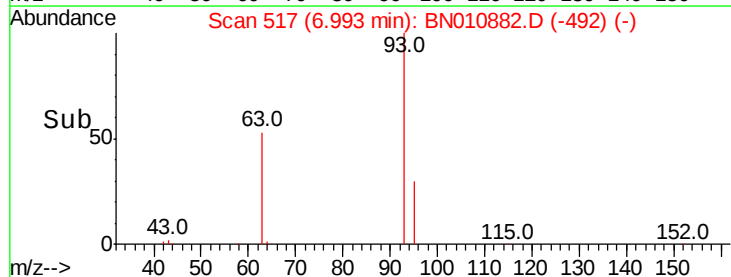
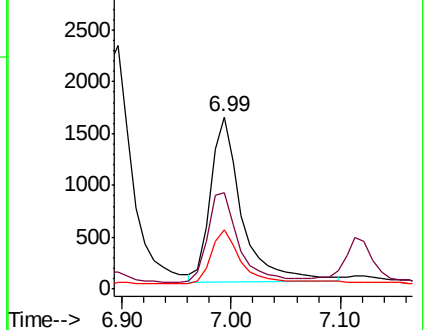
95 31.6 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010882.D (-492) (-)

Ion 63.00 (62.70 to 63.70): BN010882.D (-492) (-)

Ion 95.00 (94.70 to 95.70): BN010882.D (-492) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10282

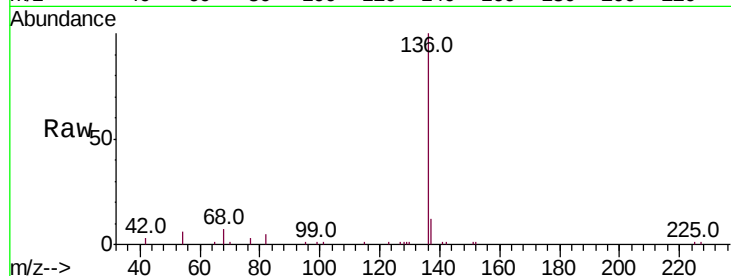
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 5.8 4.9 7.3

68 6.7 4.7 7.1

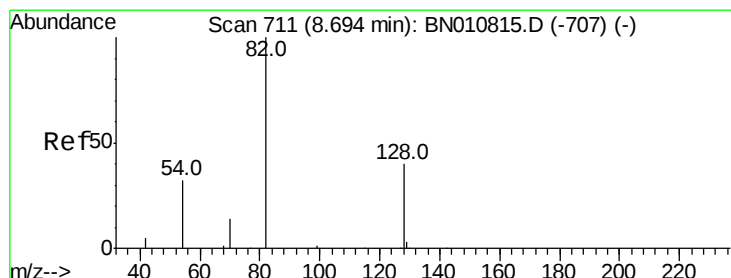
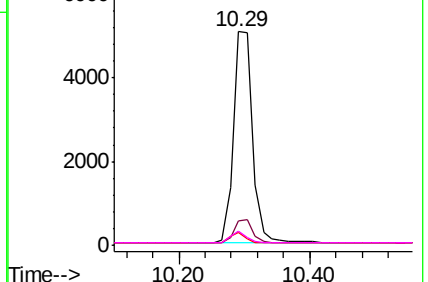
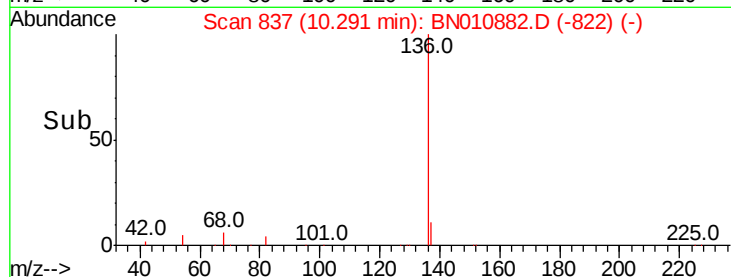


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

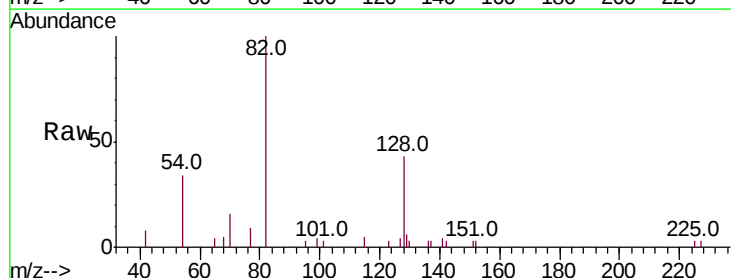
Tgt Ion: 82 Resp: 3157

Ion Ratio Lower Upper

82 100

128 42.5 35.4 53.0

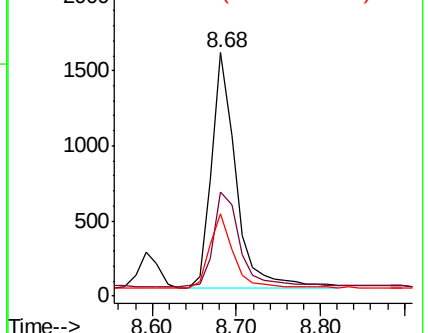
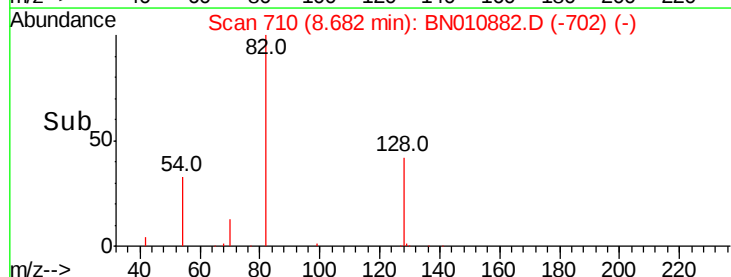
54 33.9 28.2 42.4

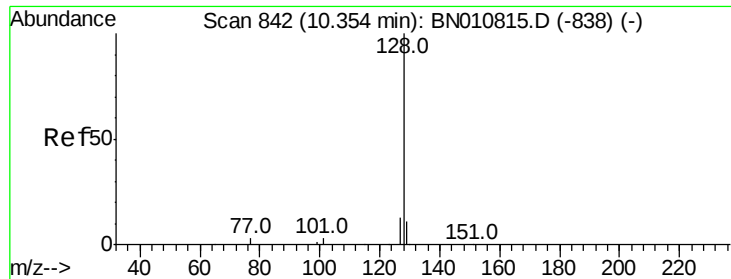


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.427 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

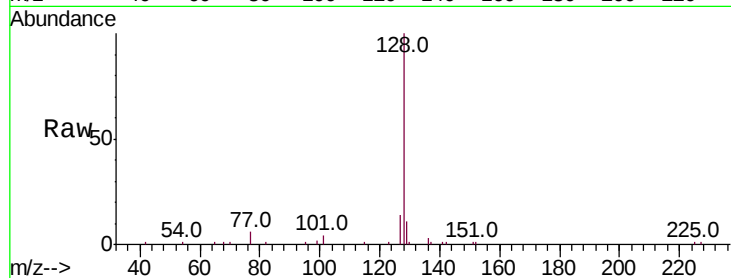
Tot Ion:128 Resp: 11043

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

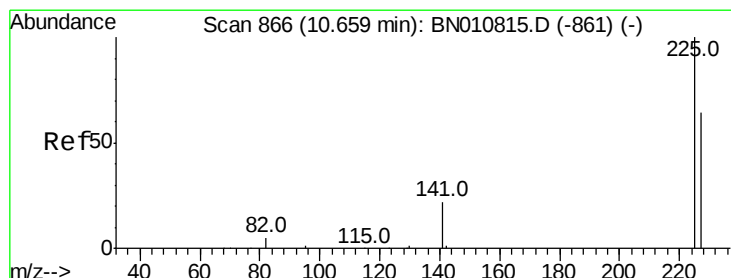
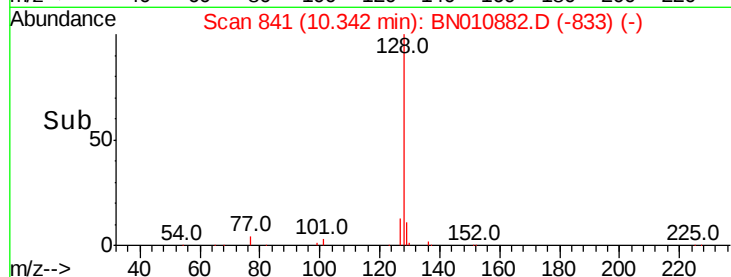
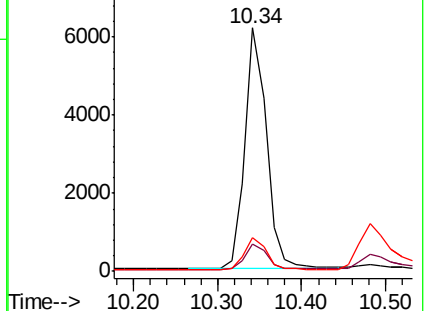
127 14.1 11.4 17.2



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: 0.395 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

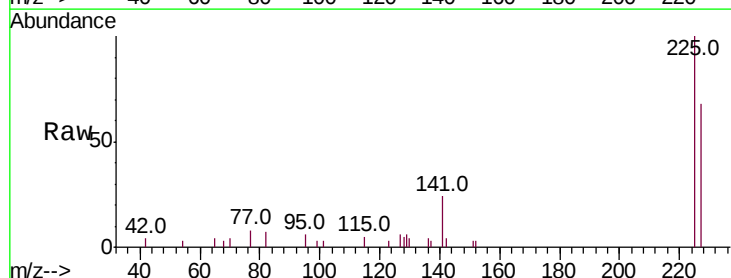
Tgt Ion:225 Resp: 2524

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

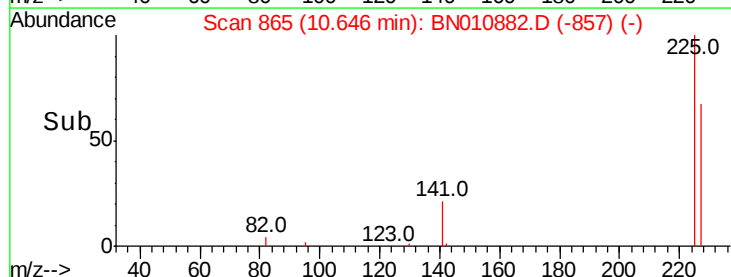
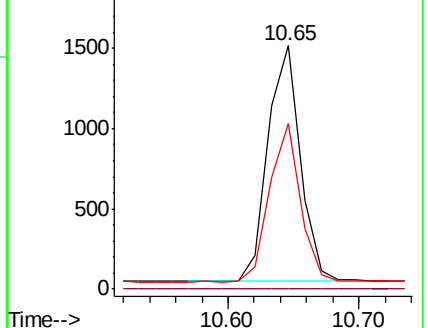
227 63.8 50.5 75.7

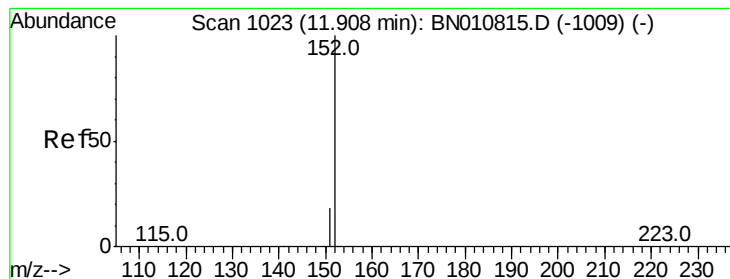


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 11.89 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

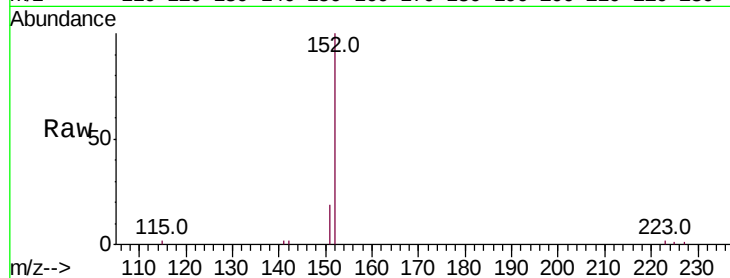
ClientSampleId :

Tot Ion:152 Resp: 6760

Ion Ratio Lower Upper

152 100

151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.89

4000

3000

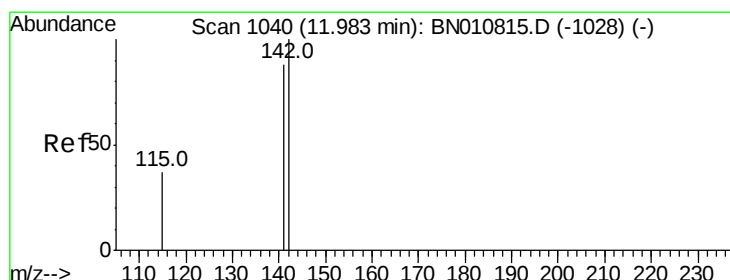
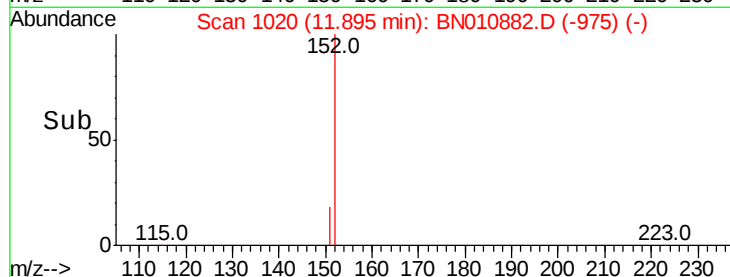
2000

1000

0

11.80 11.90 12.00 12.10

Time-->



#12

2-Methylnaphthalene

Concen: 0.422 ng

RT: 11.97 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

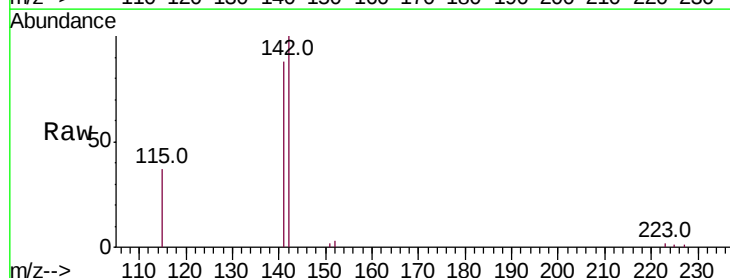
Tgt Ion:142 Resp: 7297

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2

115 37.0 31.5 47.3



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

11.97

5000

4000

3000

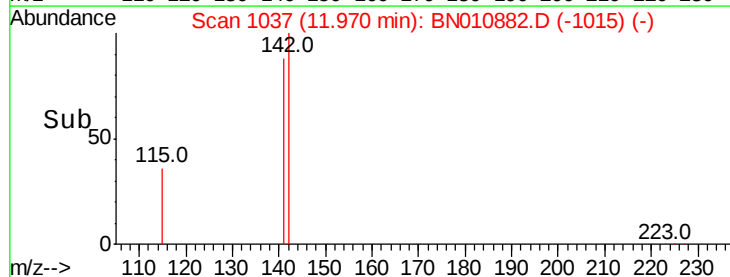
2000

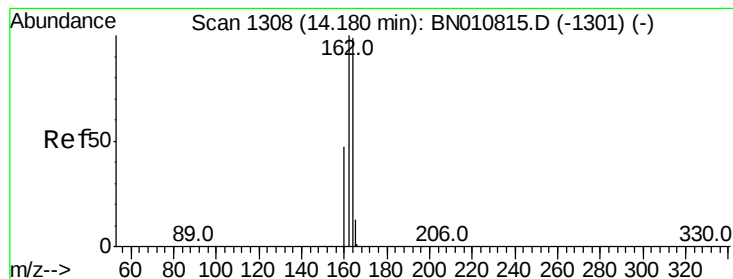
1000

0

11.90 12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

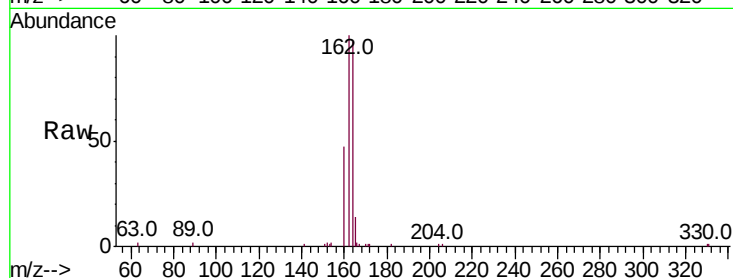
Tot Ion:164 Resp: 5580

Ion Ratio Lower Upper

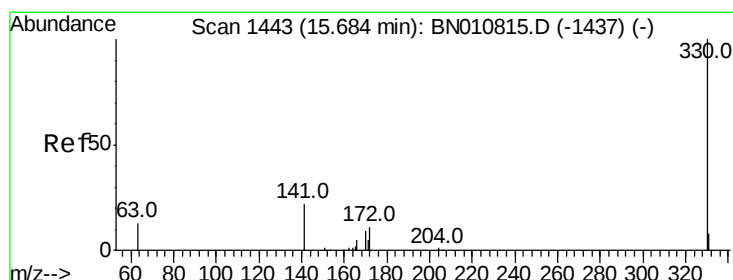
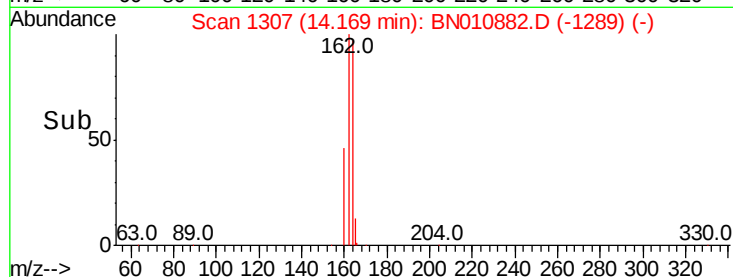
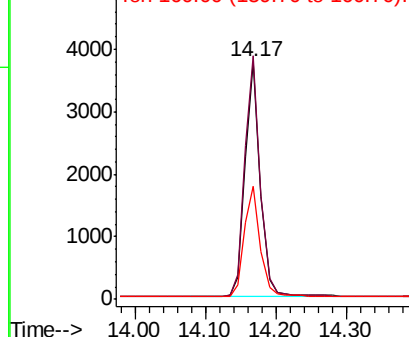
164 100

162 102.6 81.0 121.6

160 47.9 38.9 58.3



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: 0.418 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

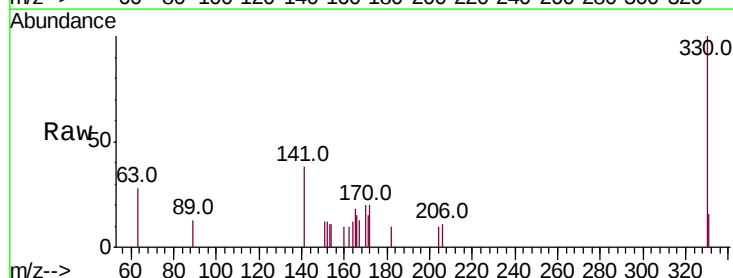
Tgt Ion:330 Resp: 835

Ion Ratio Lower Upper

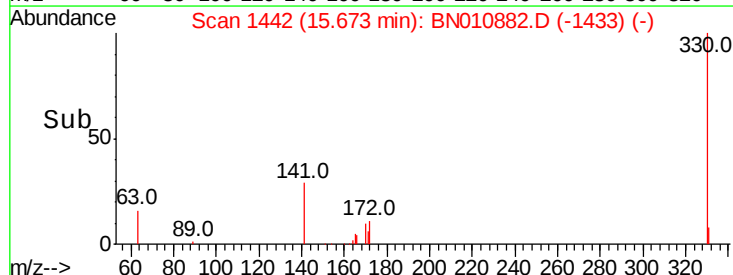
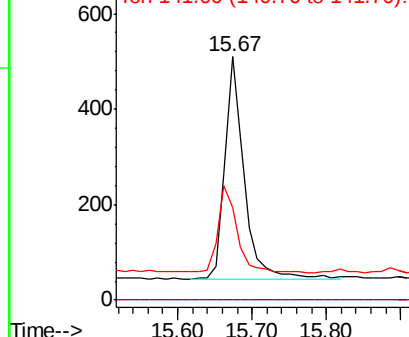
330 100

332 0.0 0.0 0.0

141 39.5 33.2 49.8



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

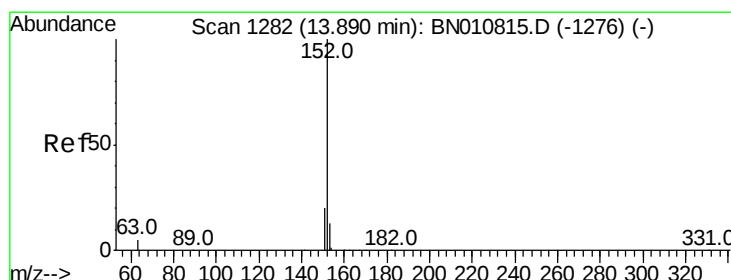
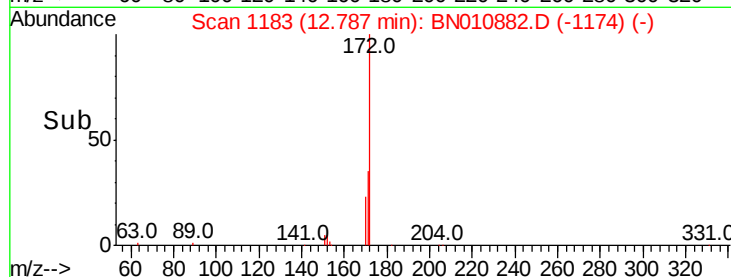
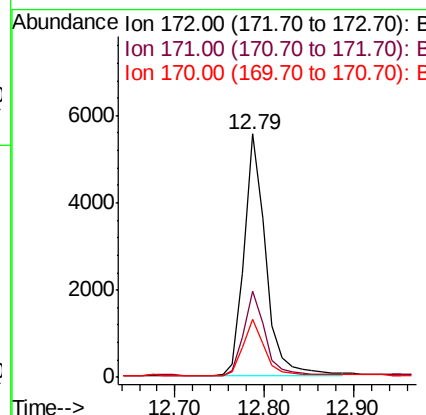
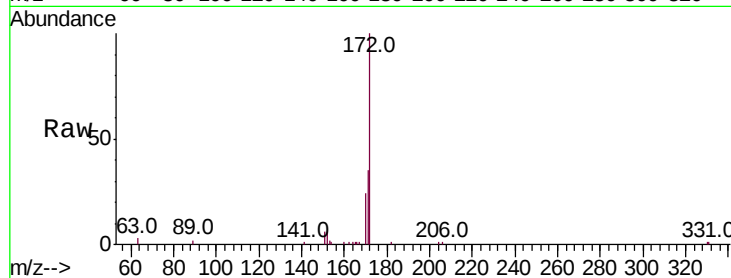




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

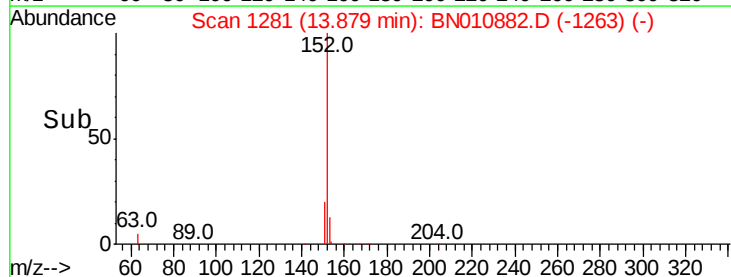
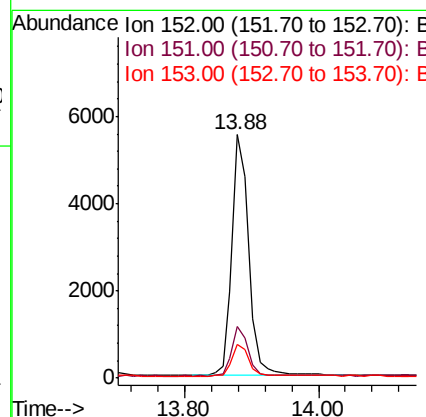
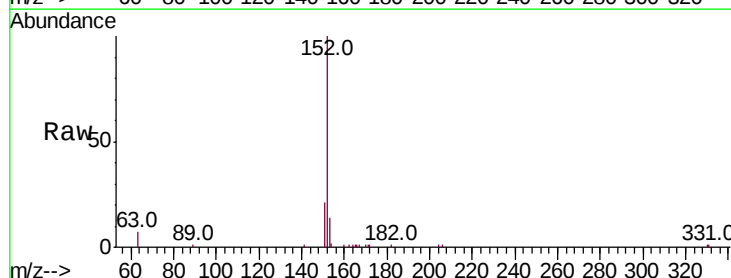
Instrument :
BNA_N
ClientSampleId :

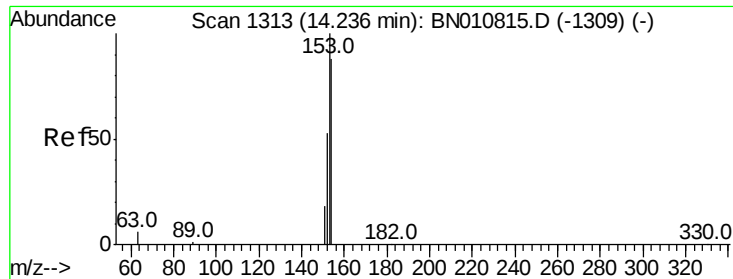
Tot Ion:172 Resp: 9303
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.6 19.7 29.5



#16
Acenaphthylene
Concen: 0.425 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Tgt Ion:152 Resp: 9711
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.427 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

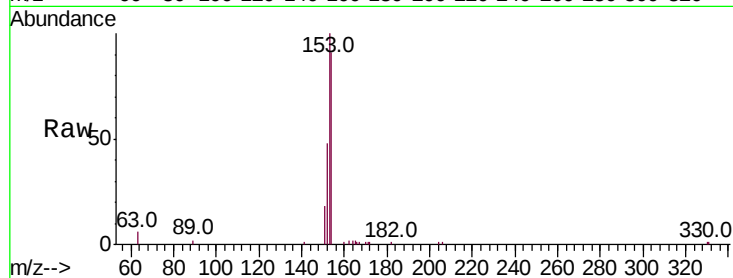
Tot Ion:154 Resp: 6652

Ion Ratio Lower Upper

154 100

153 114.6 91.8 137.6

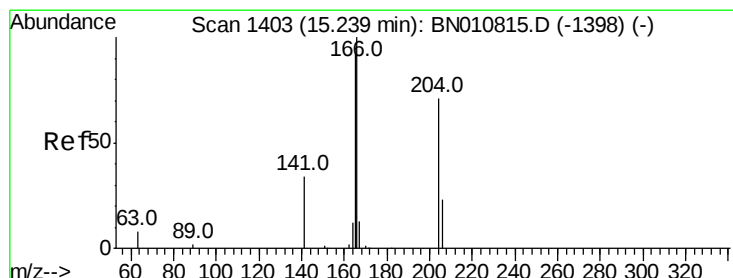
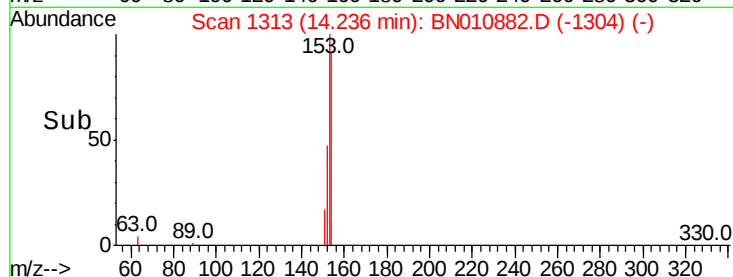
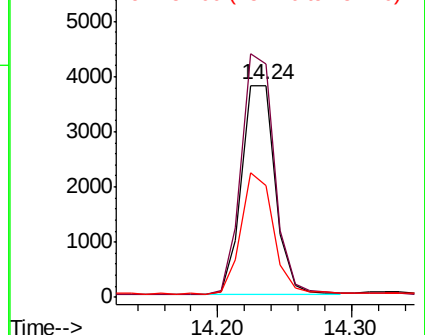
152 56.6 47.6 71.4



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: 0.419 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

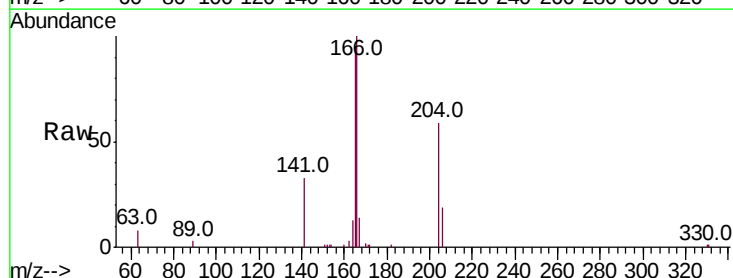
Tgt Ion:166 Resp: 8429

Ion Ratio Lower Upper

166 100

165 97.4 77.2 115.8

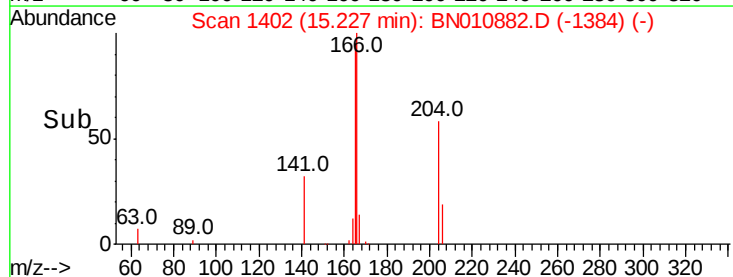
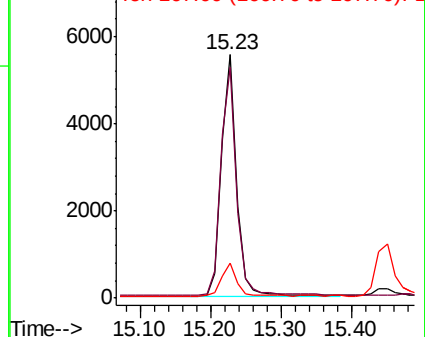
167 13.5 10.7 16.1

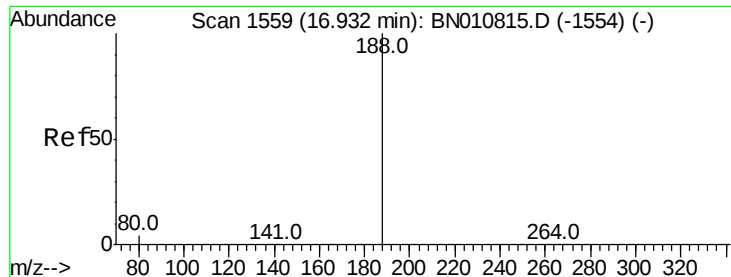


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.92 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

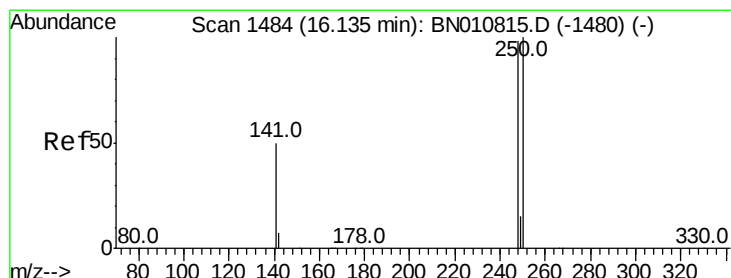
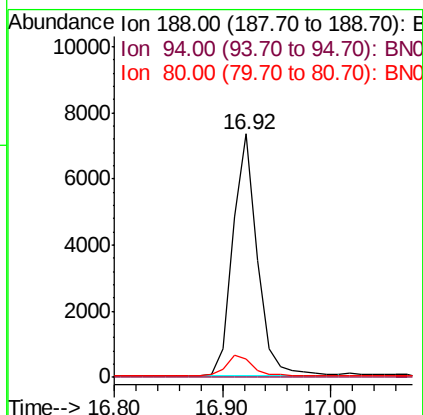
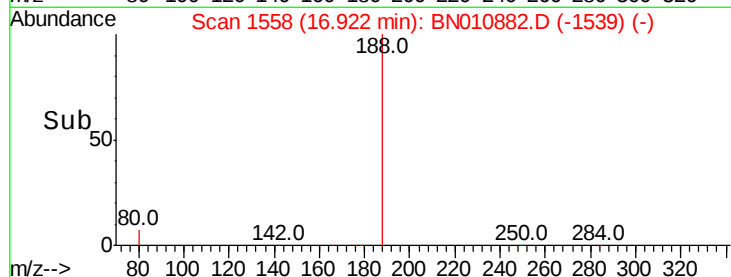
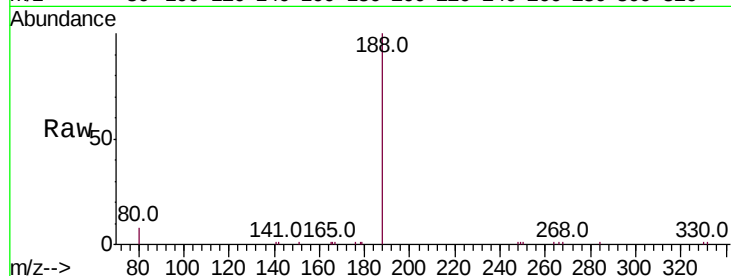
Tot Ion:188 Resp: 11493

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 4.5 6.7#



#20

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

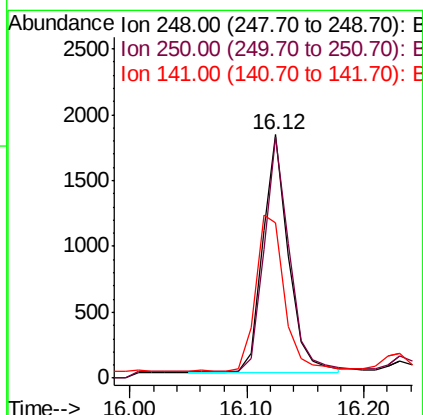
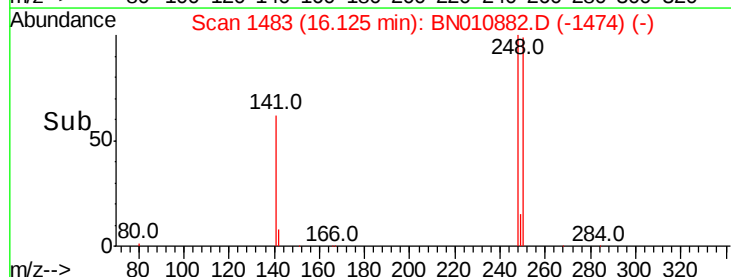
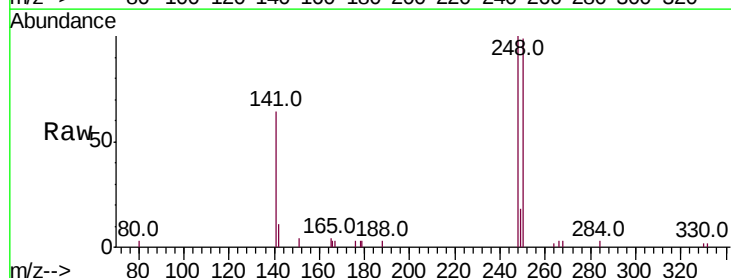
Tgt Ion:248 Resp: 2732

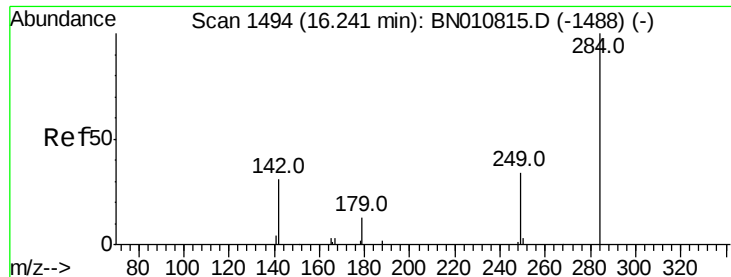
Ion Ratio Lower Upper

248 100

250 99.1 81.8 122.8

141 63.8 42.6 64.0

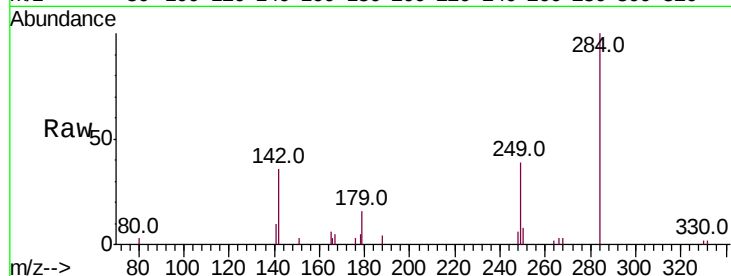




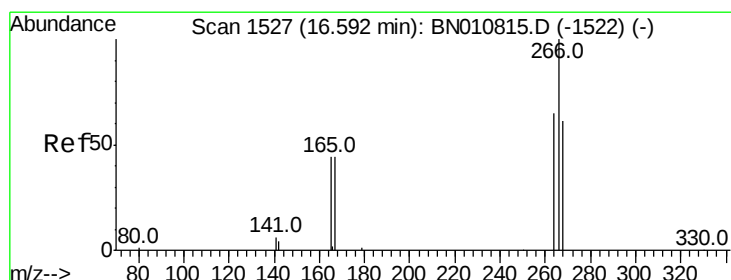
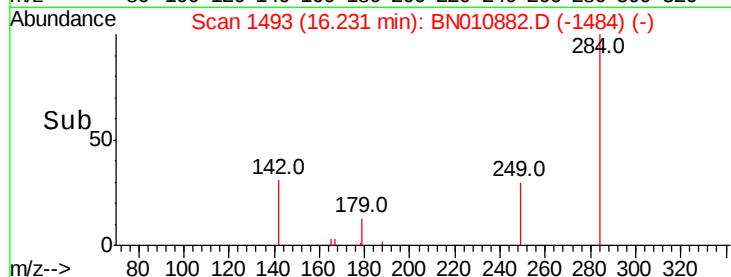
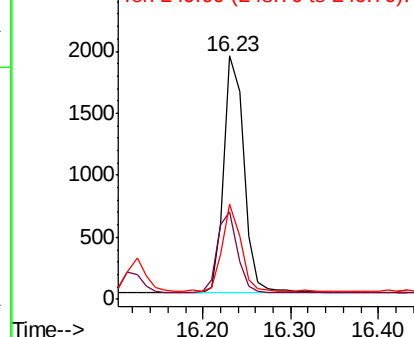
#21
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.23 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 3047
Ion Ratio Lower Upper
284 100
142 35.0 31.0 46.4
249 33.1 27.1 40.7

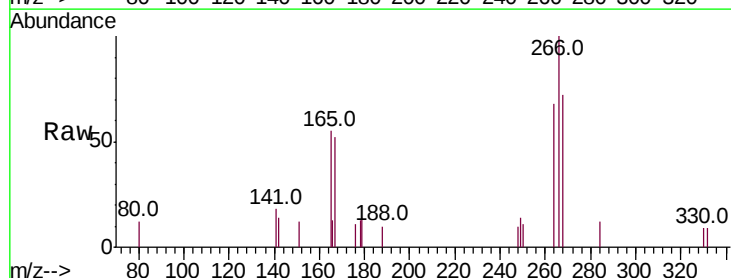


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

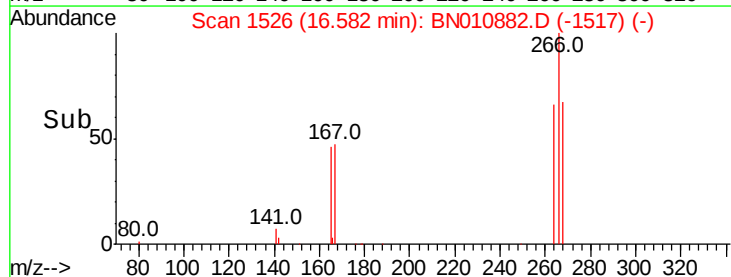
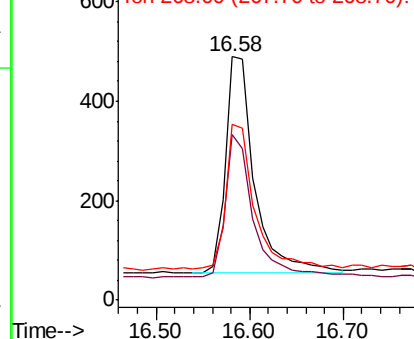


#22
Pentachlorophenol
Concen: 0.394 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Tgt Ion:266 Resp: 952
Ion Ratio Lower Upper
266 100
264 68.0 54.8 82.2
268 72.2 55.9 83.9



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: 0.423 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

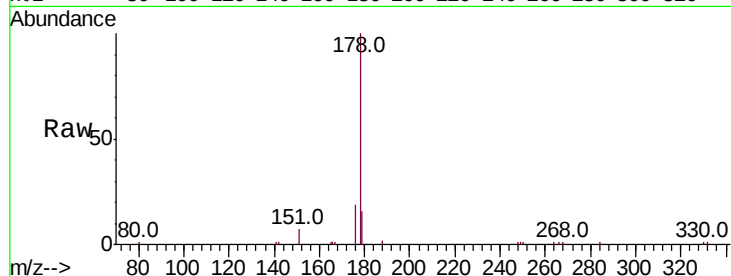
Tot Ion:178 Resp: 13273

Ion Ratio Lower Upper

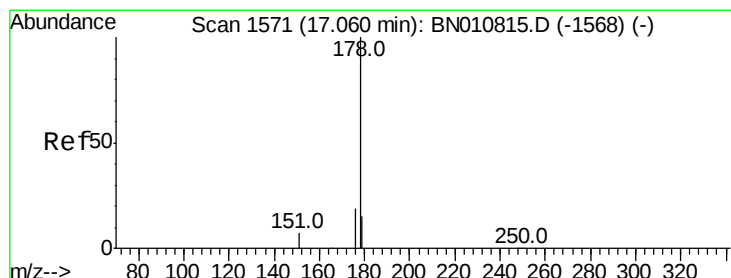
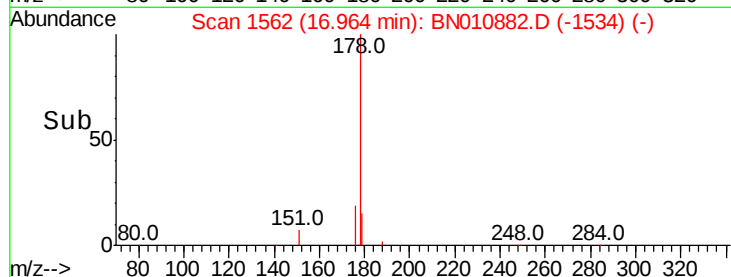
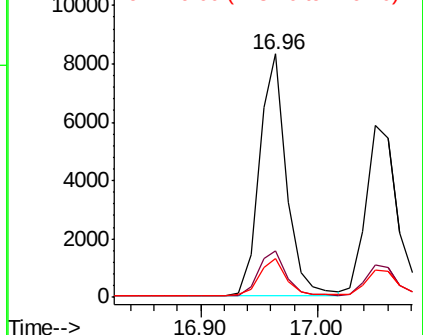
178 100

176 19.1 15.3 22.9

179 15.3 12.6 19.0



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: 0.424 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

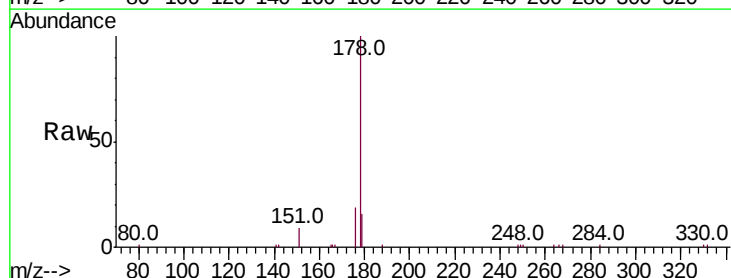
Tgt Ion:178 Resp: 11107

Ion Ratio Lower Upper

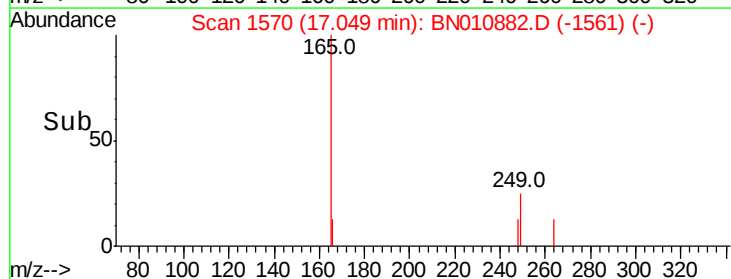
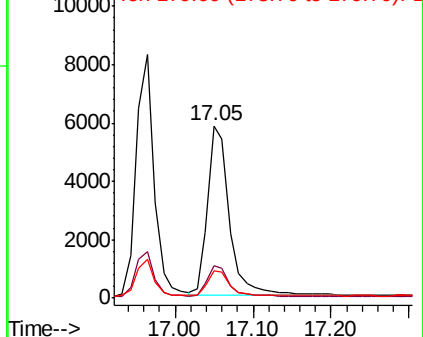
178 100

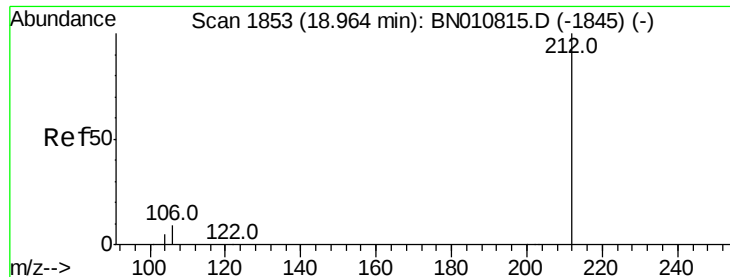
176 18.4 14.6 22.0

179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

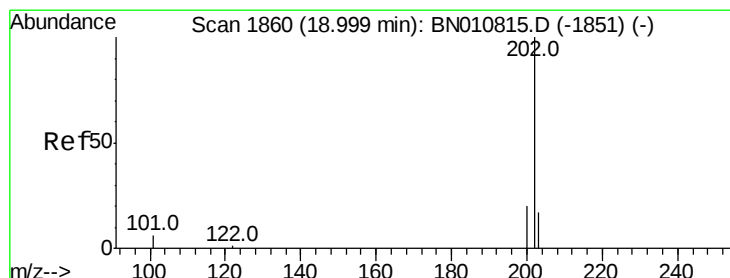
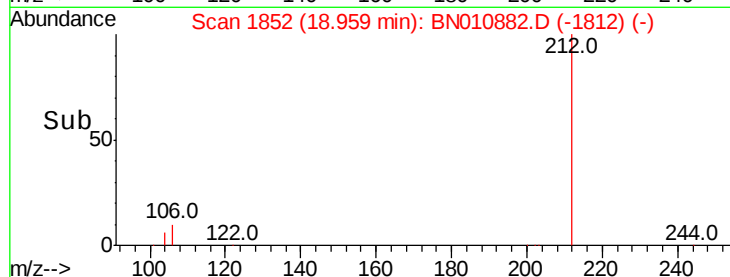
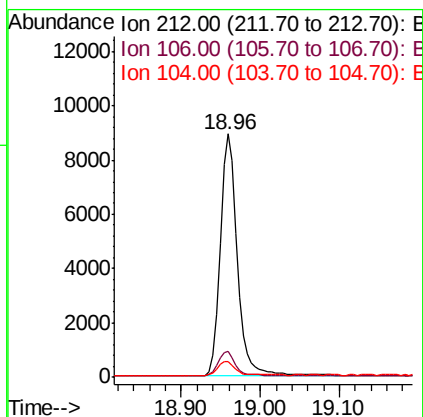
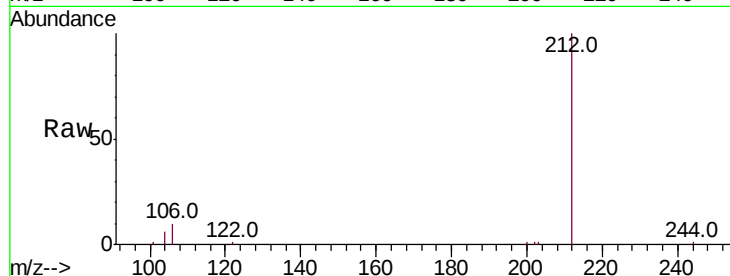




#25
Fluoranthene-d10
Concen: 0.430 ng
RT: 18.96 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

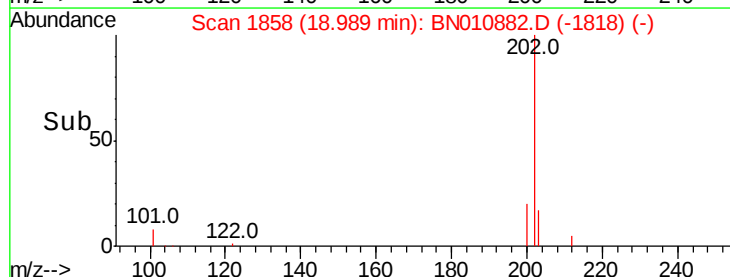
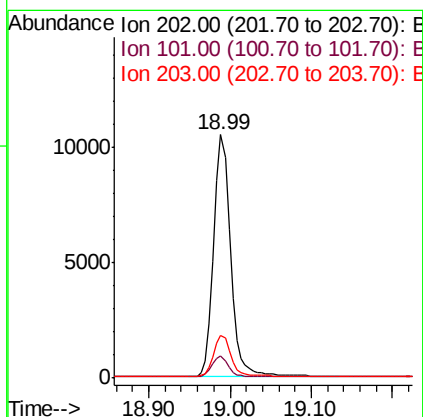
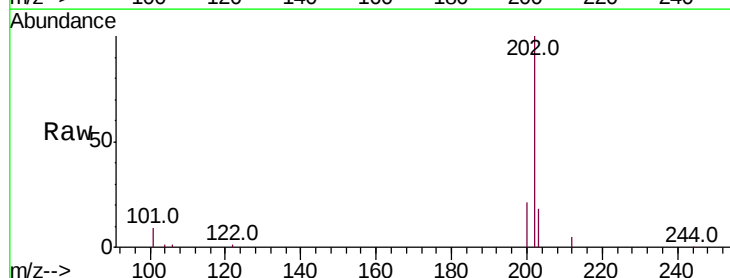
Instrument :
BNA_N
ClientSampleId :

Tot Ion:212 Resp: 13642
Ion Ratio Lower Upper
212 100
106 10.2 6.6 10.0#
104 5.7 4.0 6.0



#26
Fluoranthene
Concen: 0.429 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Tgt Ion:202 Resp: 15281
Ion Ratio Lower Upper
202 100
101 8.3 5.8 8.6
203 17.1 13.7 20.5

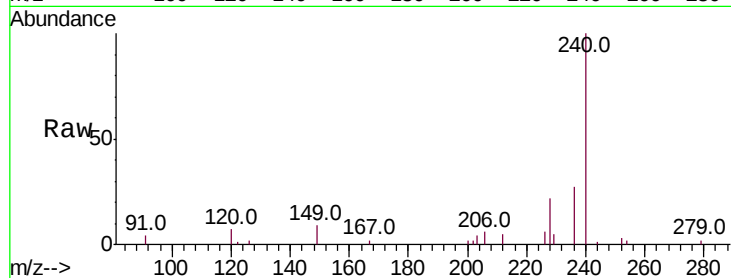




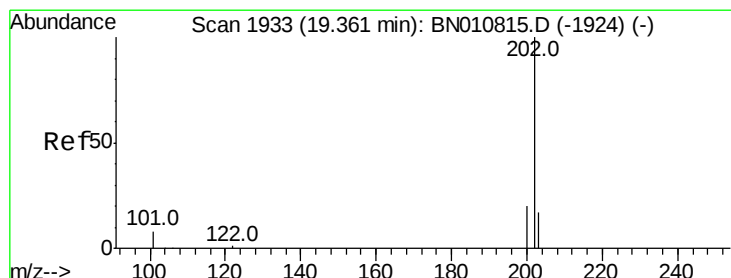
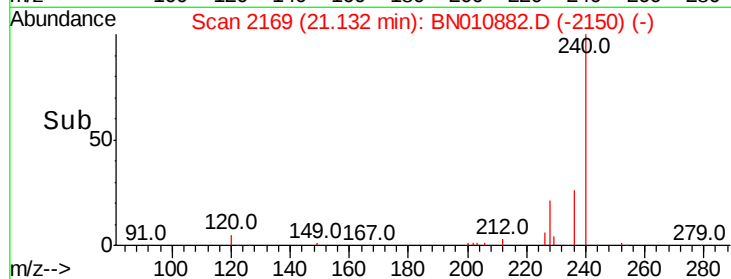
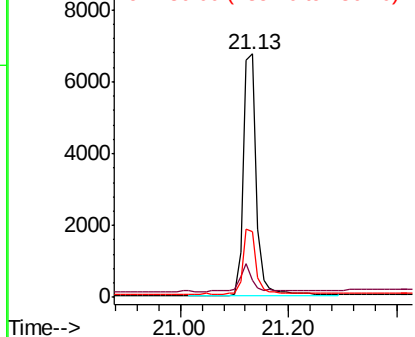
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN010882.D
 Acq: 15 Jun 2020 20:02

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:240 Resp: 11249
 Ion Ratio Lower Upper
 240 100
 120 6.9 7.5 11.3#
 236 26.8 22.3 33.5

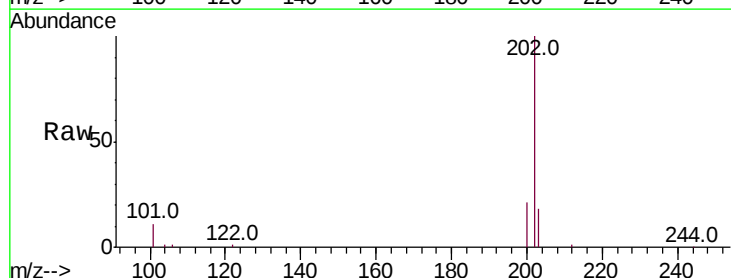


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

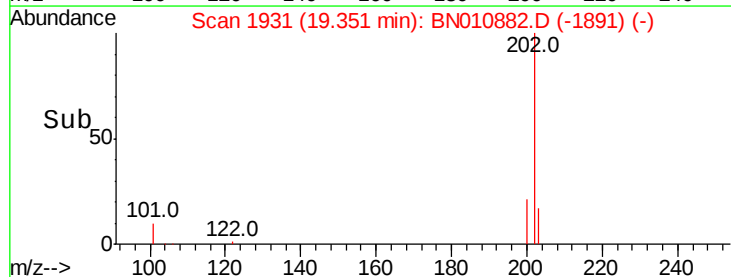
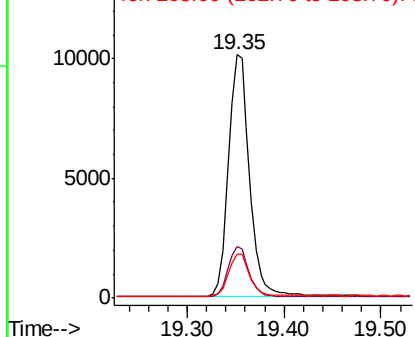


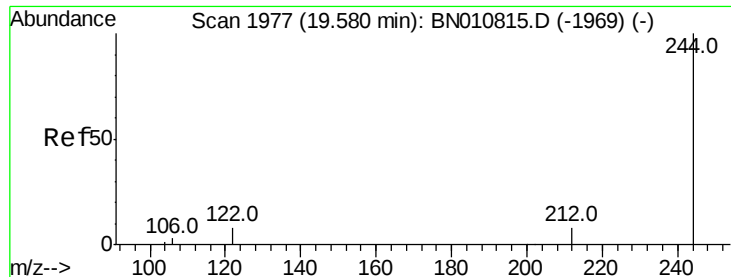
#28
 Pyrene
 Concen: 0.412 ng
 RT: 19.35 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BN010882.D
 Acq: 15 Jun 2020 20:02

Tgt Ion:202 Resp: 15322
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.4 24.6
 203 17.6 14.2 21.4



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: 0.405 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampled :

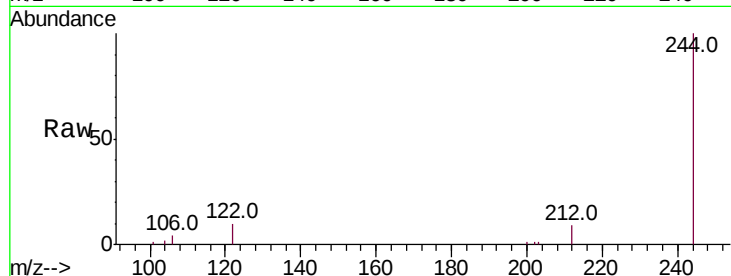
Tot Ion:244 Resp: 10670

Ion Ratio Lower Upper

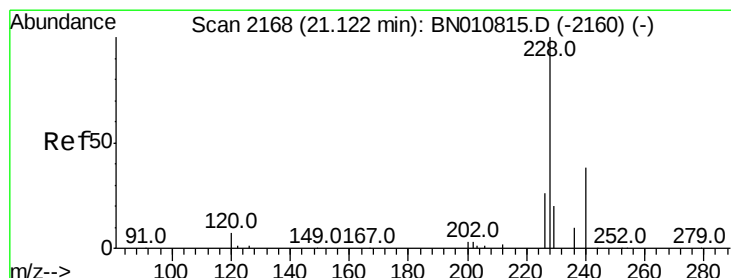
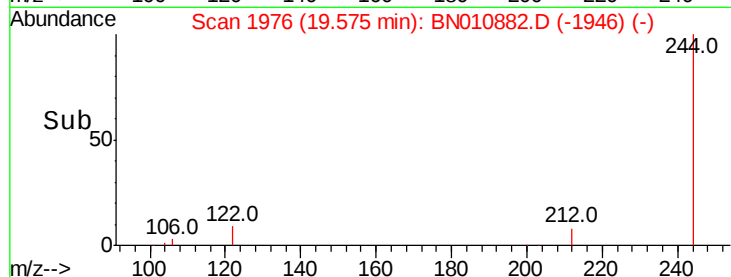
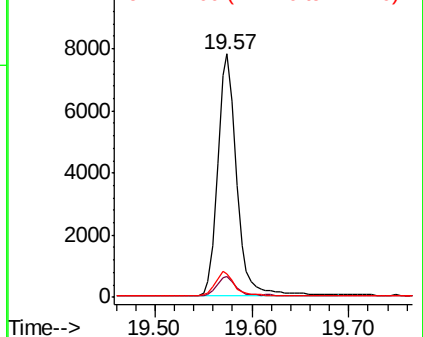
244 100

212 8.6 7.4 11.2

122 9.8 7.5 11.3



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: 0.437 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

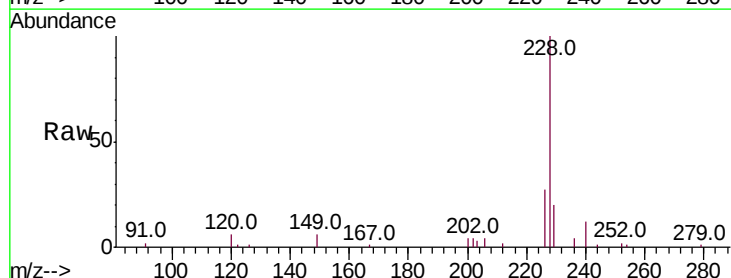
Tgt Ion:228 Resp: 14439

Ion Ratio Lower Upper

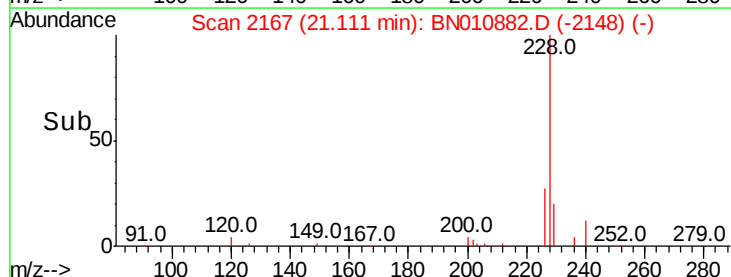
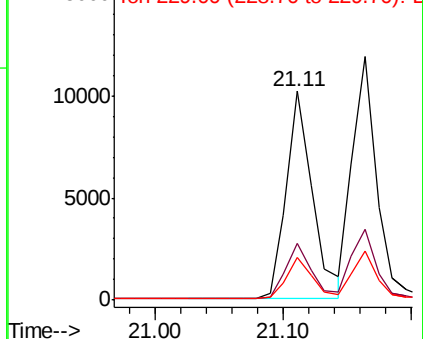
228 100

226 27.1 21.3 31.9

229 20.5 16.6 24.8



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: 0.405 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

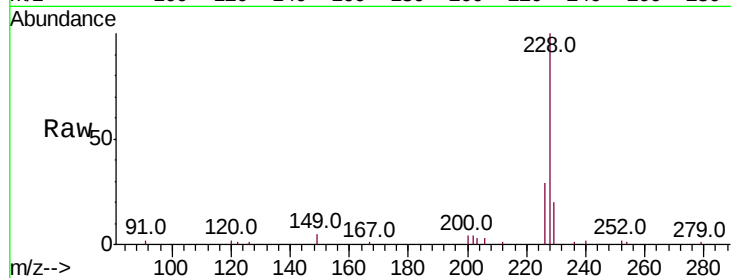
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 15593

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	19.9	16.1	24.1

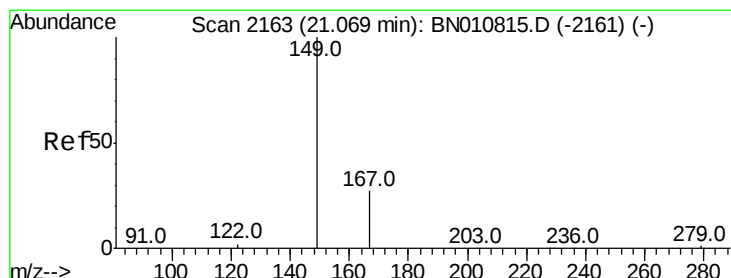
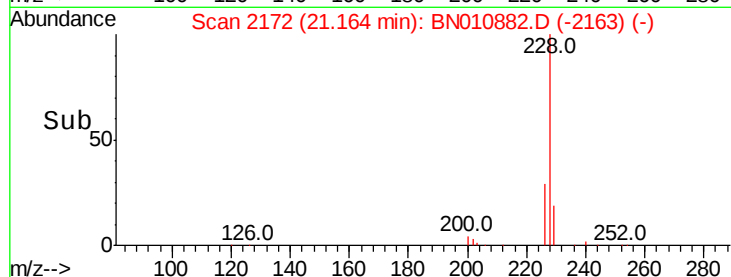
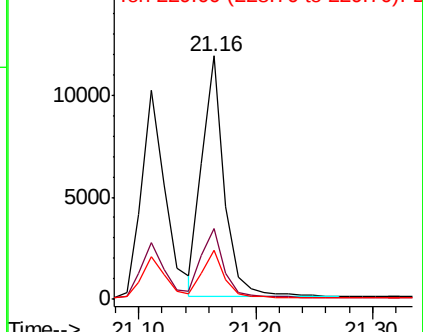


Abundance

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: 0.495 ng

RT: 21.07 min Scan# 2163

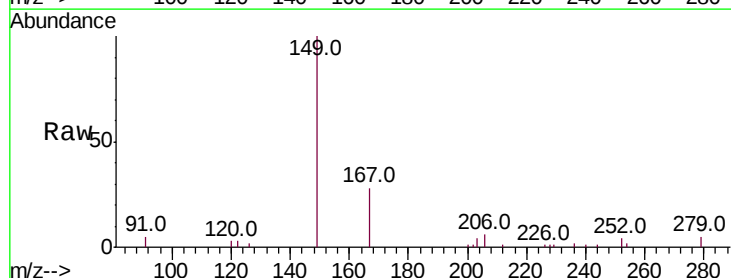
Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Tgt Ion:149 Resp: 5460

Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.1	36.1
279	4.9	4.6	7.0

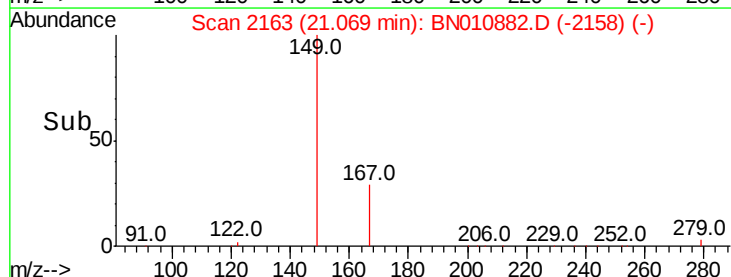
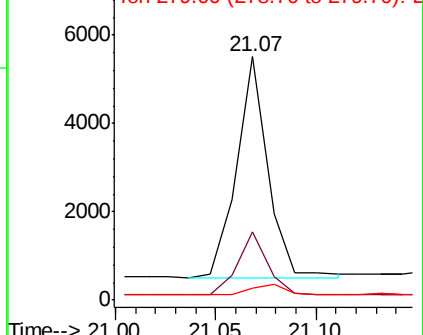


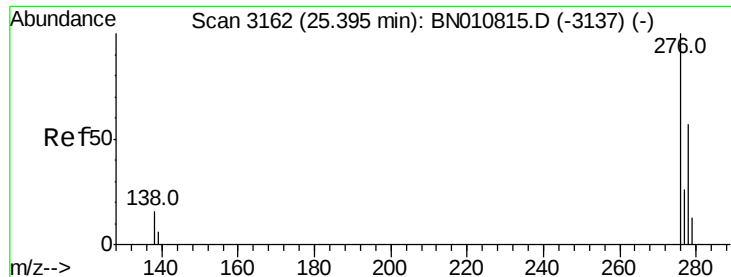
Abundance

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: 0.464 ng

RT: 25.38 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

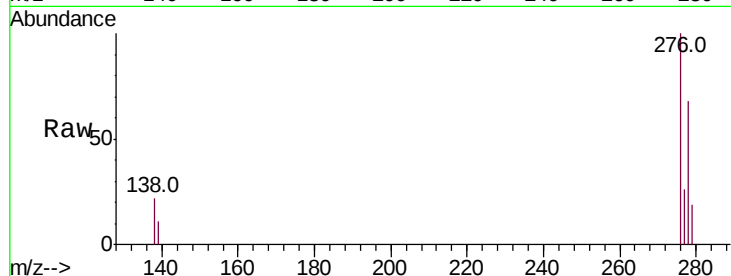
Tot Ion:276 Resp: 19961

Ion Ratio Lower Upper

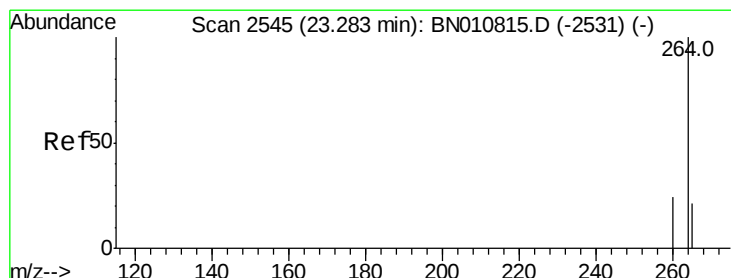
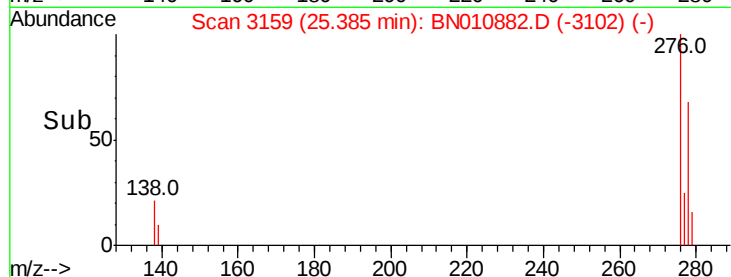
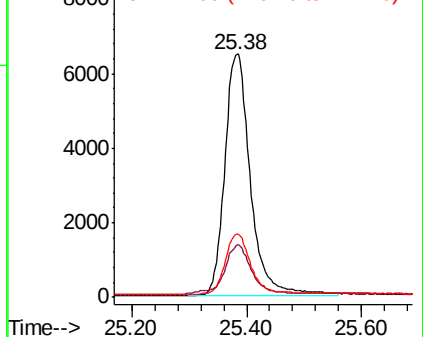
276 100

138 21.5 13.0 19.6#

277 24.7 19.7 29.5



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: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

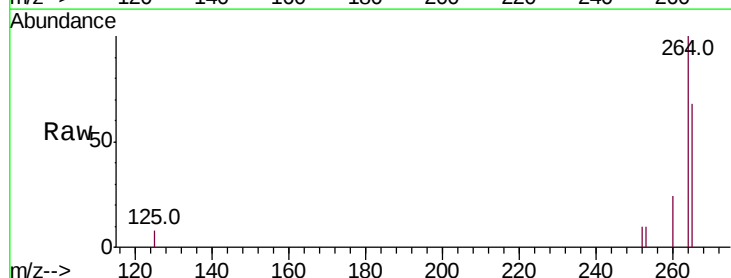
Tgt Ion:264 Resp: 12416

Ion Ratio Lower Upper

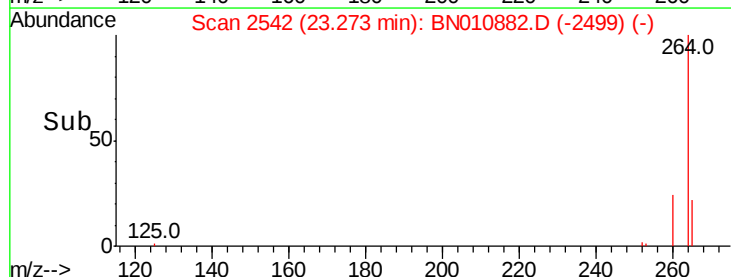
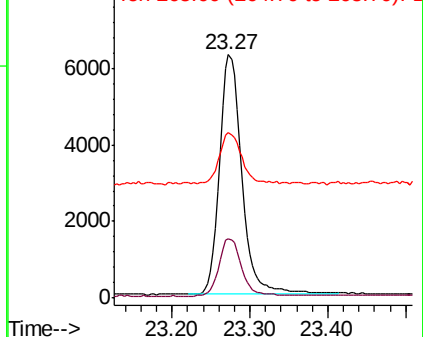
264 100

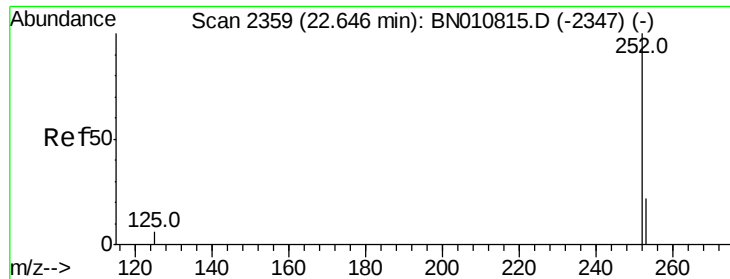
260 24.1 20.4 30.6

265 68.1 75.0 112.4#



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: 0.375 ng

RT: 22.64 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

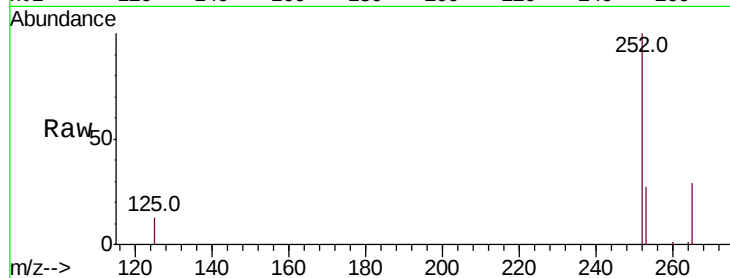
Tot Ion:252 Resp: 15839

Ion Ratio Lower Upper

252 100

253 26.6 22.4 33.6

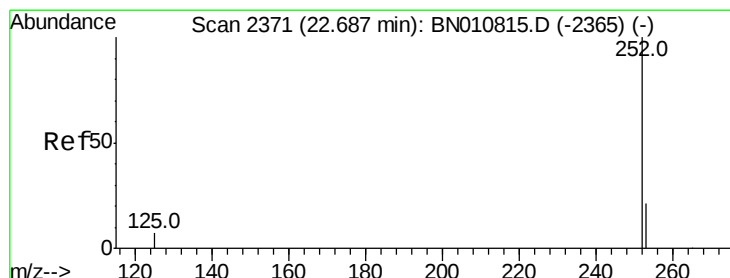
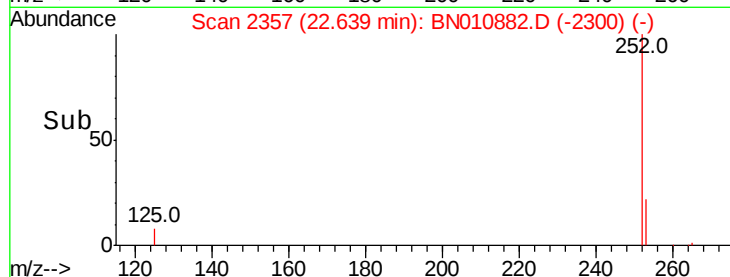
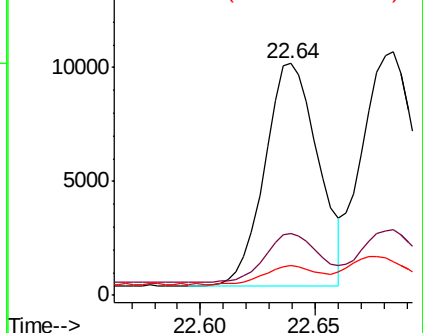
125 12.8 9.4 14.0



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: 0.404 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

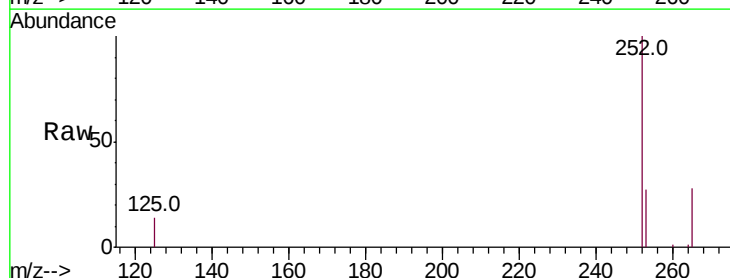
Tgt Ion:252 Resp: 18149

Ion Ratio Lower Upper

252 100

253 26.8 22.2 33.4

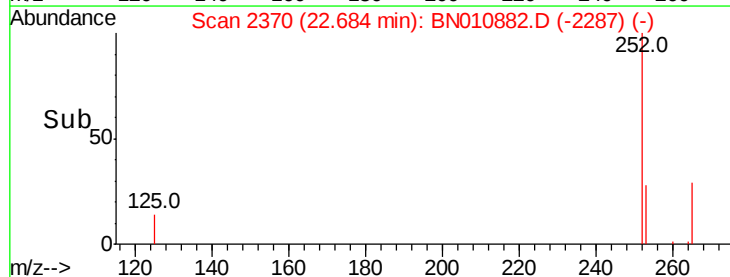
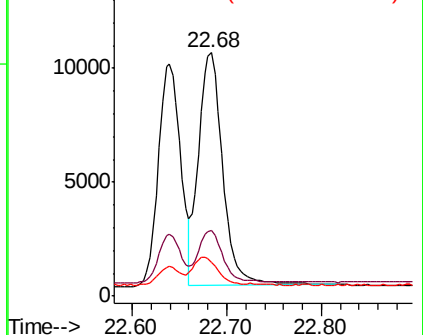
125 13.6 9.8 14.8

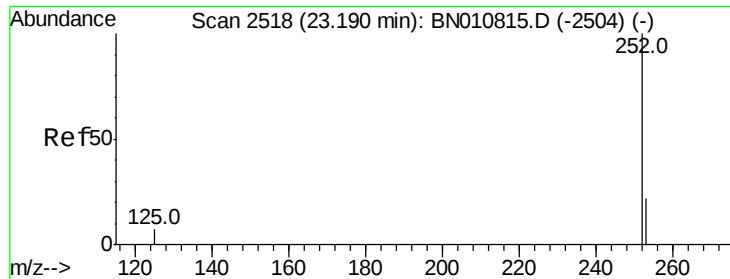


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.18 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

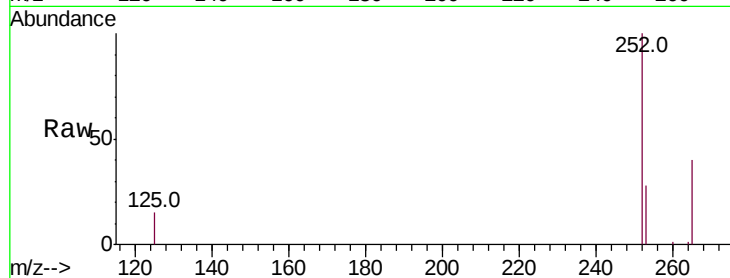
Tot Ion:252 Resp: 14766

Ion Ratio Lower Upper

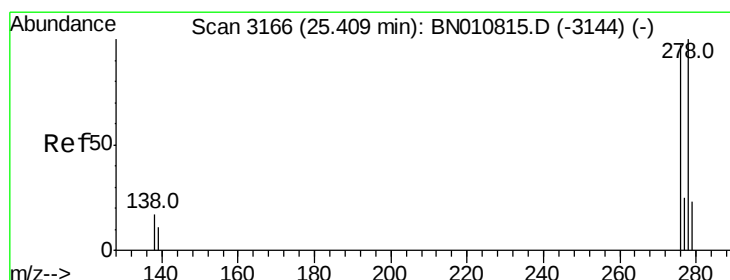
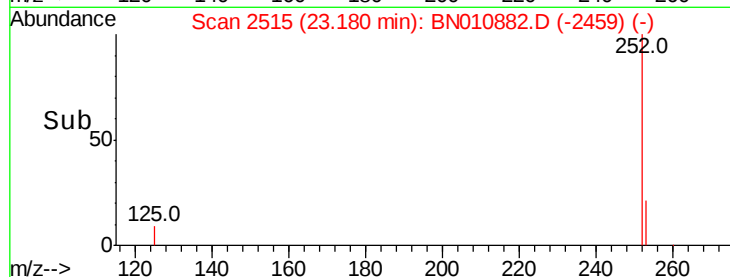
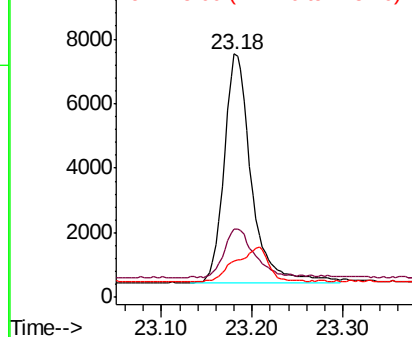
252 100

253 28.0 25.8 38.8

125 14.7 12.4 18.6



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: 0.388 ng

RT: 25.39 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

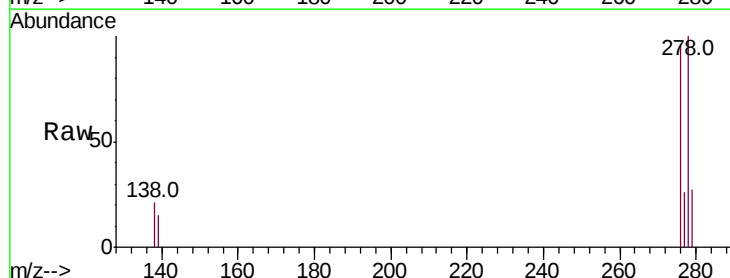
Tgt Ion:278 Resp: 16028

Ion Ratio Lower Upper

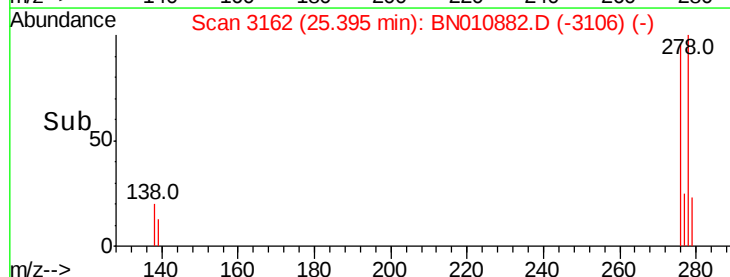
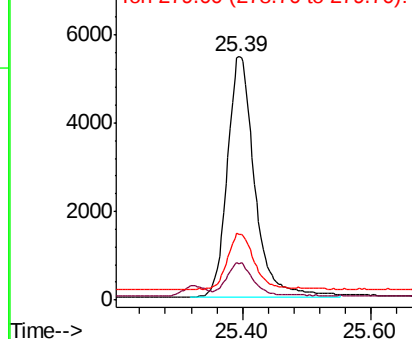
278 100

139 14.8 10.6 15.8

279 27.2 23.6 35.4



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: 0.377 ng

RT: 26.02 min Scan# 3344

Delta R.T. -0.01 min

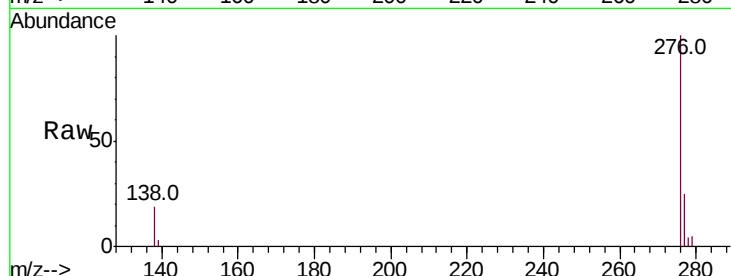
Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 16289

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 19.4 13.7 20.5

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

