

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010867.D
 Acq On : 15 Jun 2020 09:48
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 15 11:11:29 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	3175	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11681	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	6555	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	12415	0.40	ng	0.00
27) Chrysene-d12	21.13	240	10881	0.40	ng	0.00
34) Perylene-d12	23.28	264	11385	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	3084	0.50	ng	0.00
5) Phenol-d6	6.74	99	3524	0.49	ng	0.00
8) Nitrobenzene-d5	8.68	82	3592	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	7824	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	855	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	10681	0.41	ng	0.00
25) Fluoranthene-d10	18.96	212	14067	0.41	ng	0.00
29) Terphenyl-d14	19.57	244	10858	0.43	ng	0.00

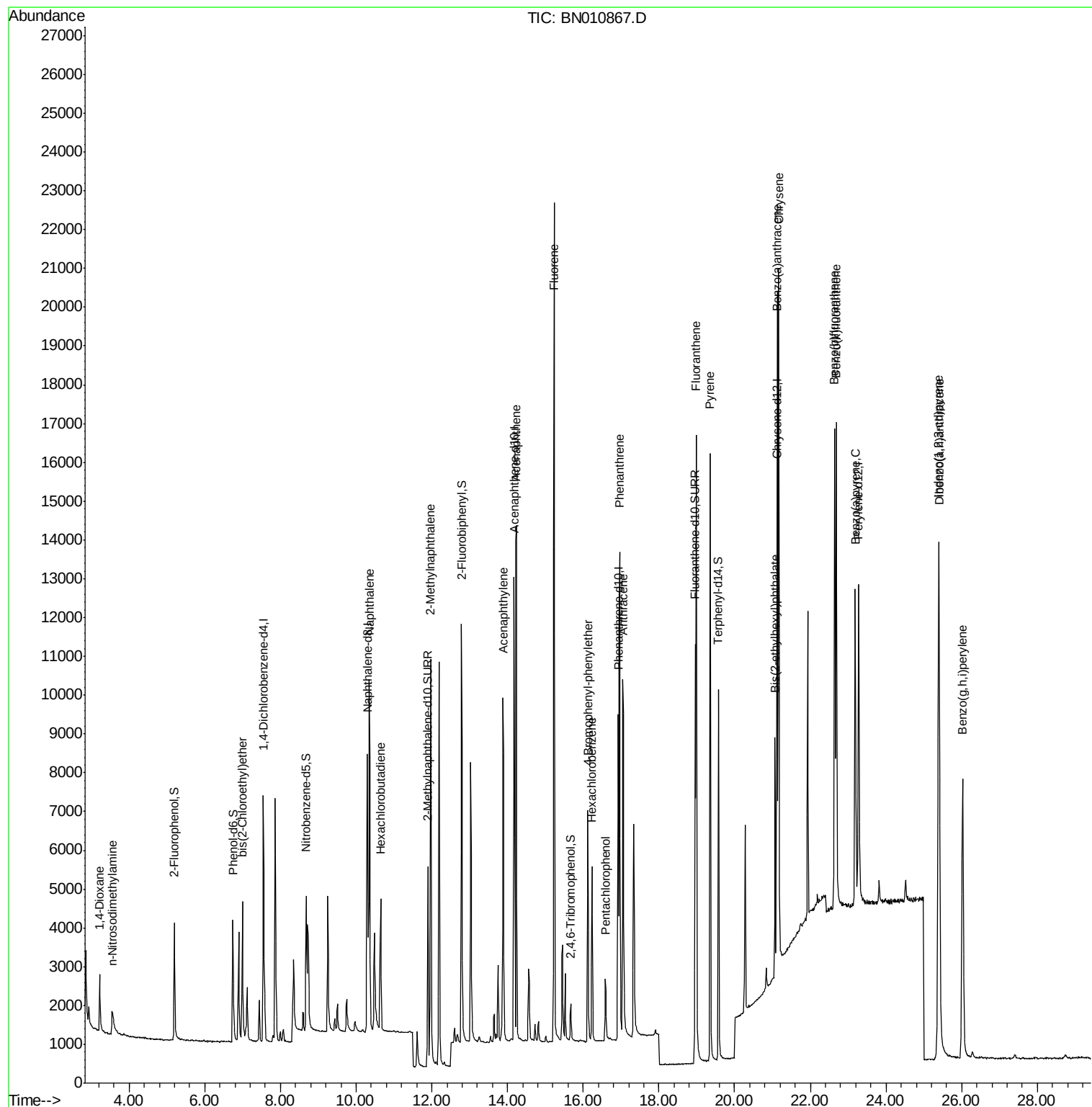
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.22	88	1337	0.430	ng	98
3) n-Nitrosodimethylamine	3.55	42	723	0.400	ng	# 97
6) bis(2-Chloroethyl)ether	6.99	93	3487	0.495	ng	95
9) Naphthalene	10.34	128	12537	0.427	ng	99
10) Hexachlorobutadiene	10.65	225	2830	0.390	ng	# 99
12) 2-Methylnaphthalene	11.97	142	8426	0.429	ng	99
16) Acenaphthylene	13.88	152	11170	0.416	ng	99
17) Acenaphthene	14.24	154	7684	0.420	ng	98
18) Fluorene	15.23	166	9633	0.408	ng	98
20) 4-Bromophenyl-phenylether	16.12	248	3126	0.419	ng	93
21) Hexachlorobenzene	16.23	284	3376	0.434	ng	99
22) Pentachlorophenol	16.58	266	1096	0.420	ng	95
23) Phenanthrene	16.96	178	14528	0.428	ng	99
24) Anthracene	17.05	178	12050	0.426	ng	100
26) Fluoranthene	18.99	202	15592	0.405	ng	99
28) Pyrene	19.35	202	15407	0.428	ng	100
30) Benzo(a)anthracene	21.11	228	13666	0.427	ng	99
31) Chrysene	21.16	228	15212	0.408	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	4971	0.466	ng	98
33) Indeno(1,2,3-cd)pyrene	25.39	276	17748	0.426	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	15117	0.390	ng	98
36) Benzo(k)fluoranthene	22.68	252	16322	0.396	ng	98
37) Benzo(a)pyrene	23.19	252	13295	0.400	ng	96
38) Dibenzo(a,h)anthracene	25.40	278	14010	0.370	ng	96
39) Benzo(g,h,i)perylene	26.02	276	15140	0.383	ng	98

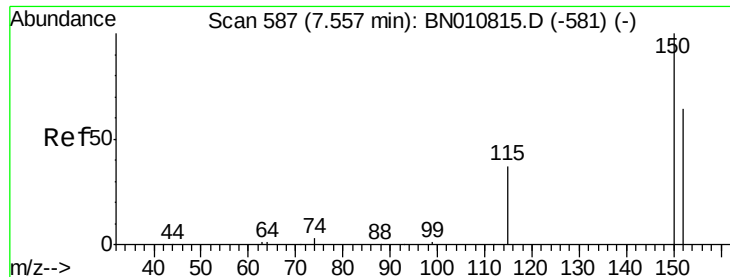
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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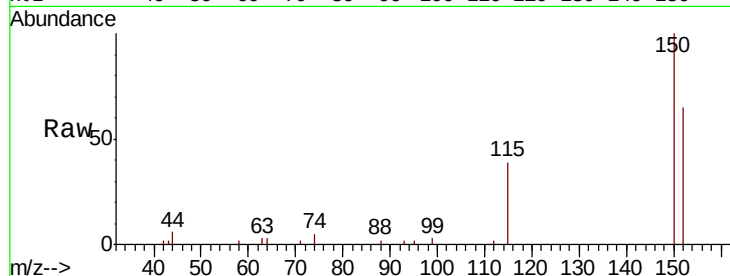


#1

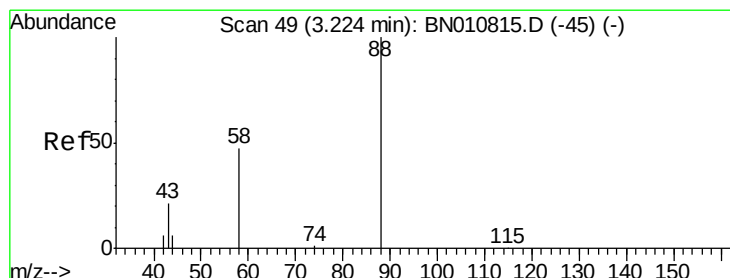
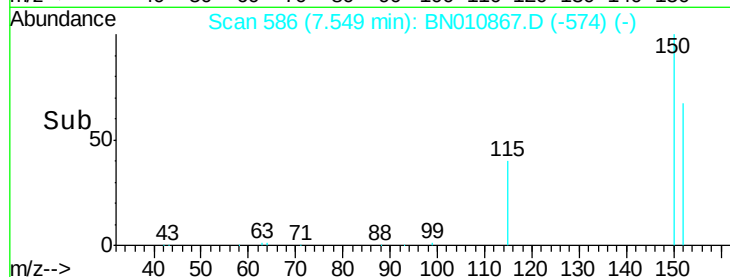
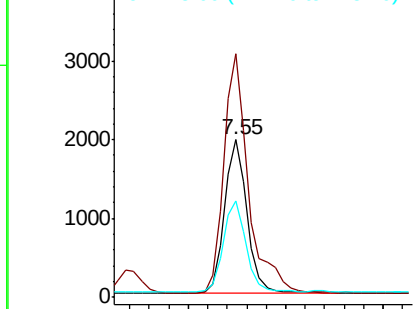
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010867.D
Acq: 15 Jun 2020 09:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3175
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 61.0 49.2 73.8



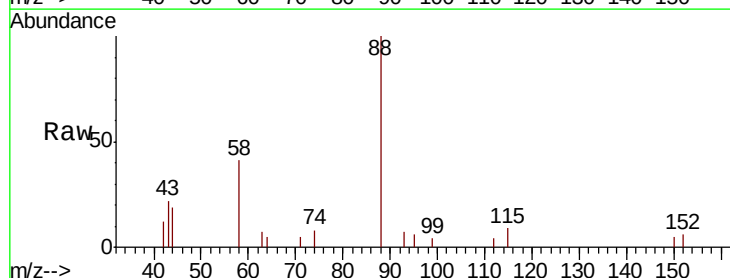
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



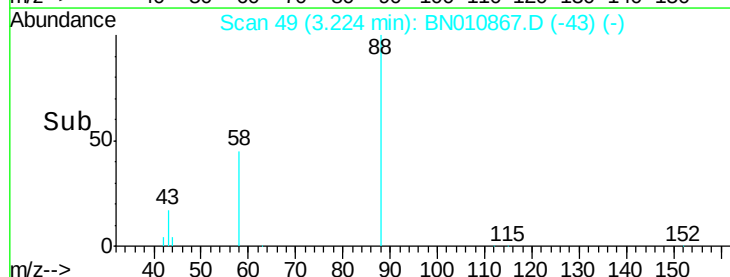
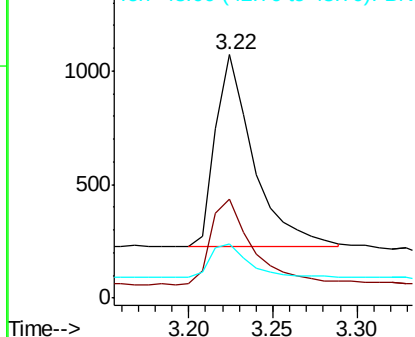
#2

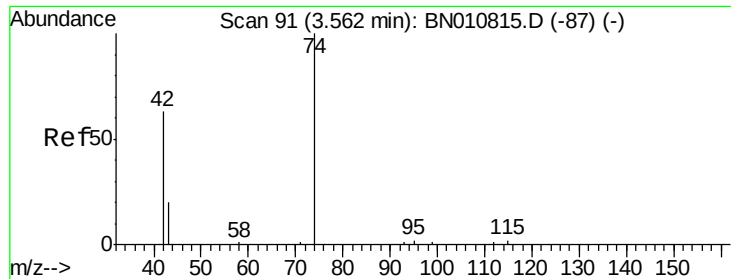
1,4-Dioxane
Concen: 0.430 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010867.D
Acq: 15 Jun 2020 09:48

Tgt Ion: 88 Resp: 1337
Ion Ratio Lower Upper
88 100
58 49.0 38.2 57.4
43 18.0 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: 0.400 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

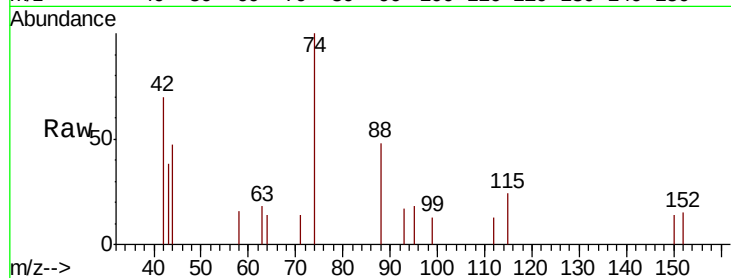
Tot Ion: 42 Resp: 723

Ion Ratio Lower Upper

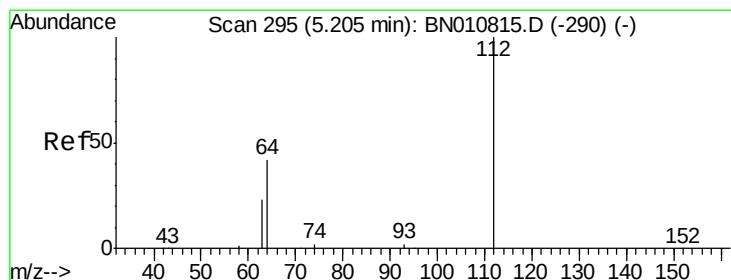
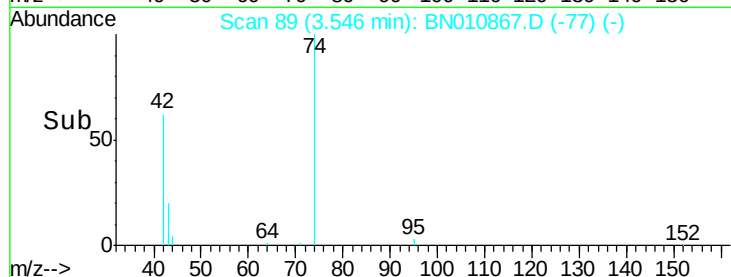
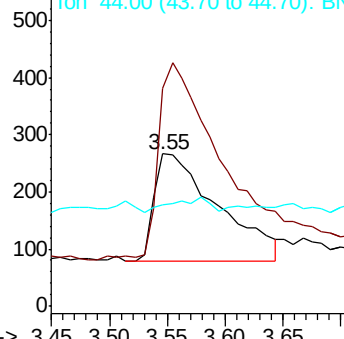
42 100

74 180.1 140.7 211.1

44 0.0 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: 0.503 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

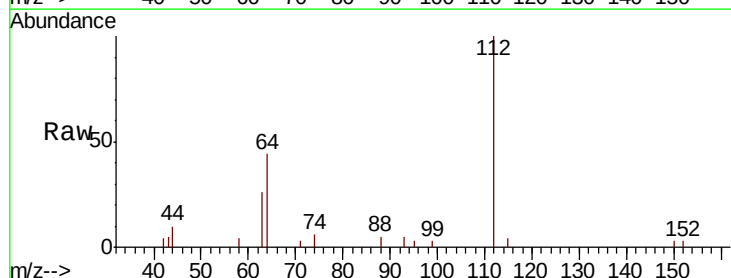
Tgt Ion: 112 Resp: 3084

Ion Ratio Lower Upper

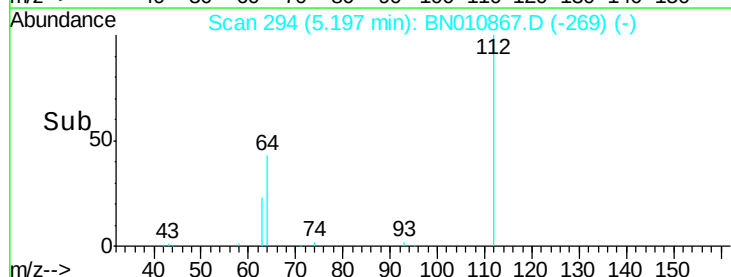
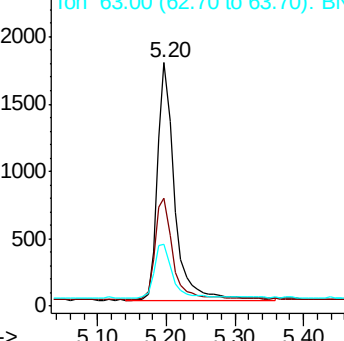
112 100

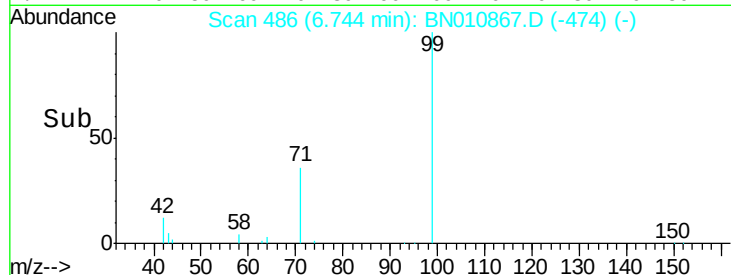
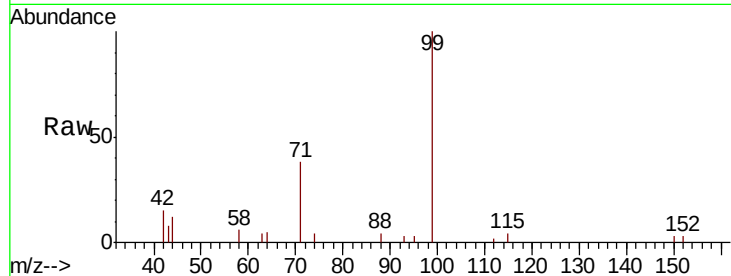
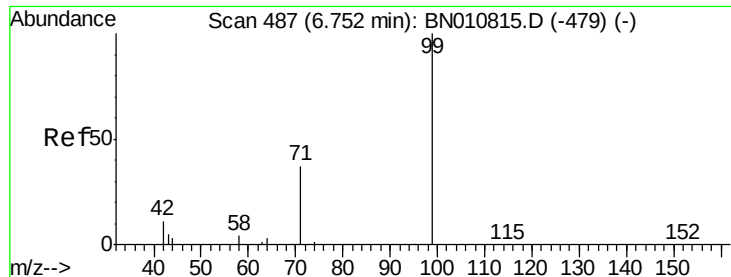
64 44.7 37.4 56.0

63 24.7 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: 0.488 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

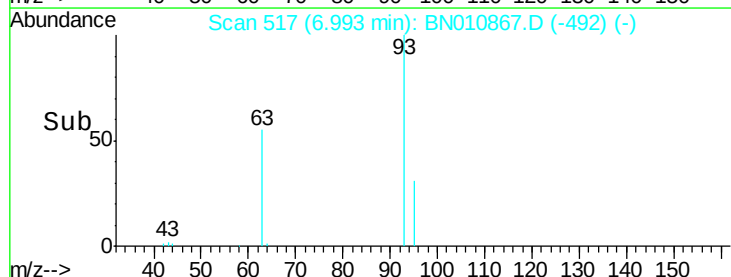
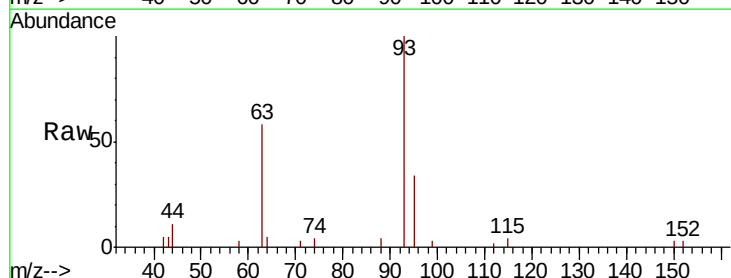
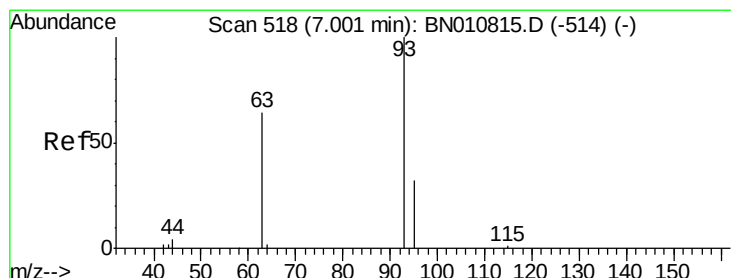
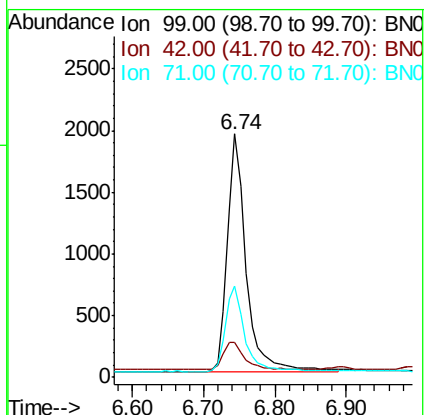
Tot Ion: 99 Resp: 3524

Ion Ratio Lower Upper

99 100

42 13.6 11.1 16.7

71 36.5 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.495 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

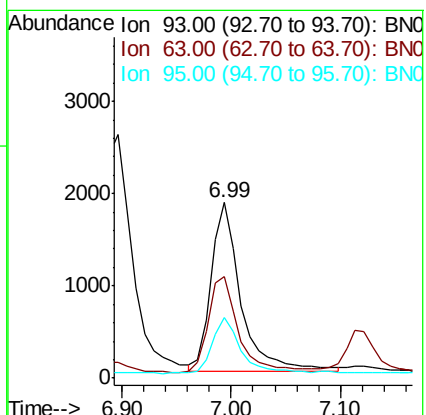
Tgt Ion: 93 Resp: 3487

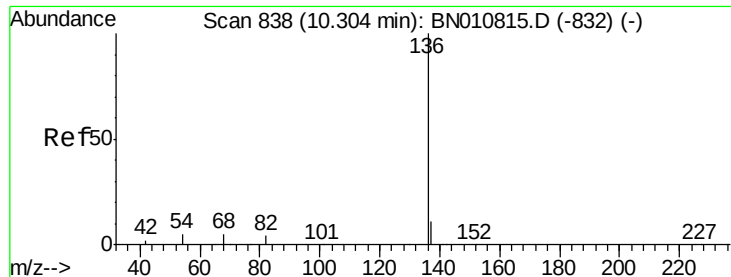
Ion Ratio Lower Upper

93 100

63 56.3 49.4 74.2

95 33.3 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 11681

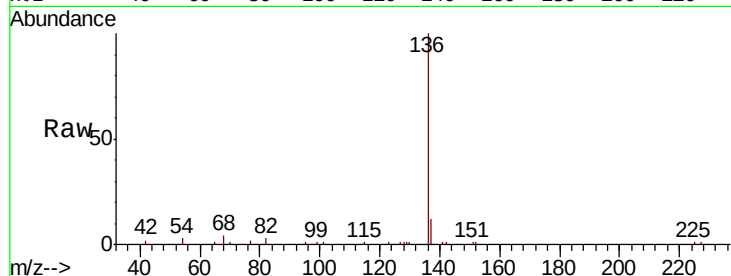
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 3.2 4.9 7.3#

68 3.8 4.7 7.1#

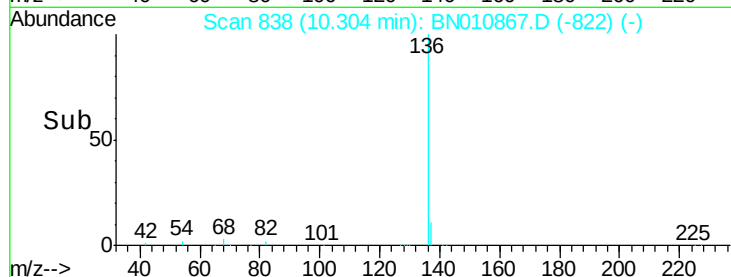


Abundance Ion 136.00 (135.70 to 136.70): E

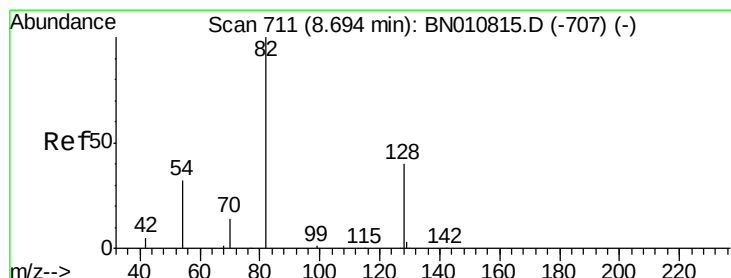
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.416 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

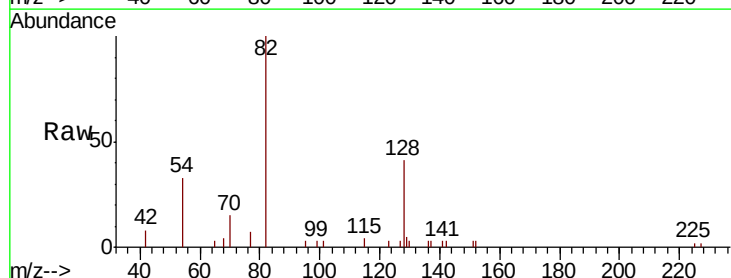
Tgt Ion: 82 Resp: 3592

Ion Ratio Lower Upper

82 100

128 40.9 35.4 53.0

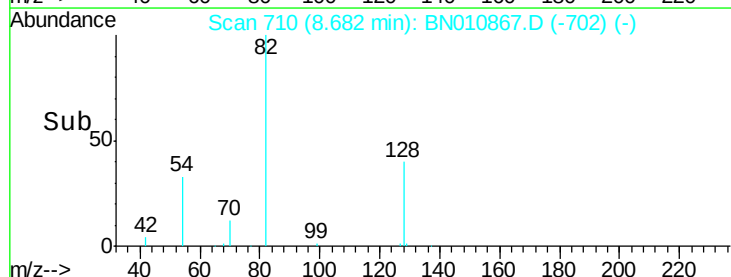
54 33.1 28.2 42.4



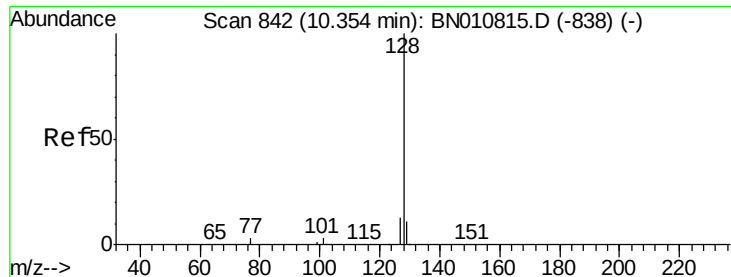
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.427 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

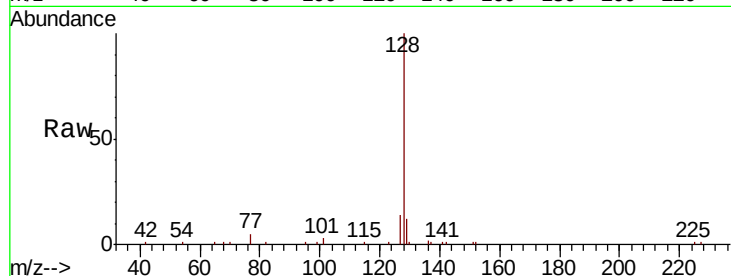
Tot Ion:128 Resp: 12537

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

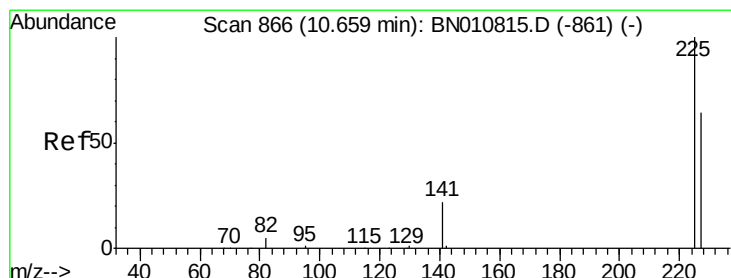
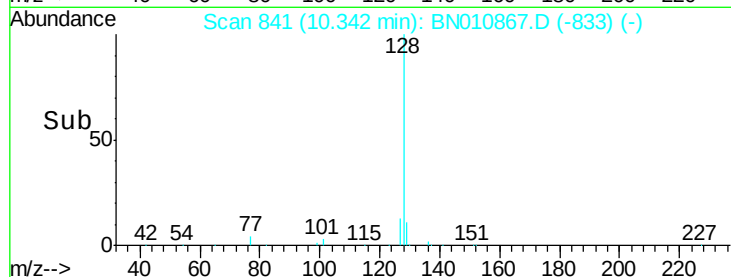
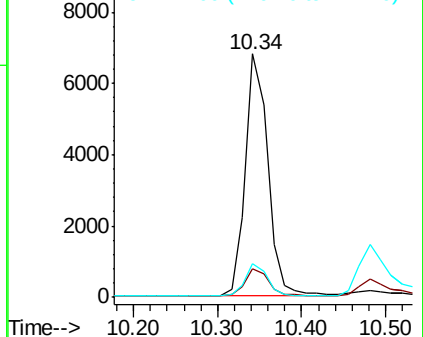
127 13.9 11.4 17.2



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: 0.390 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

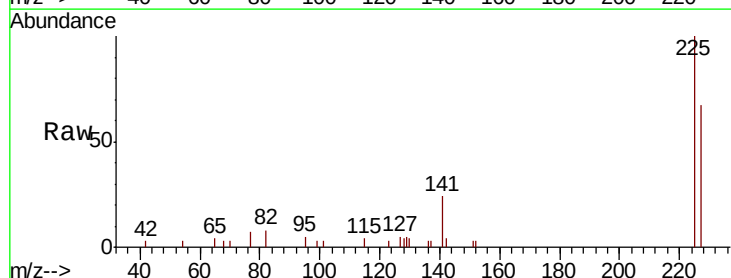
Tgt Ion:225 Resp: 2830

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

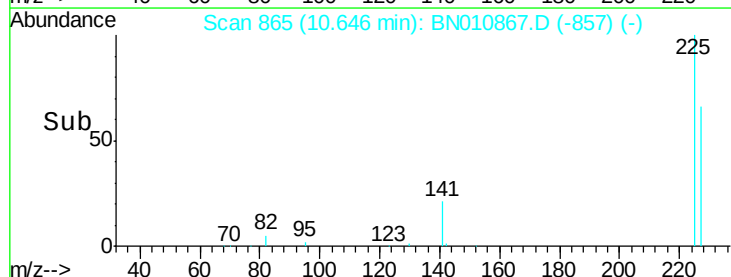
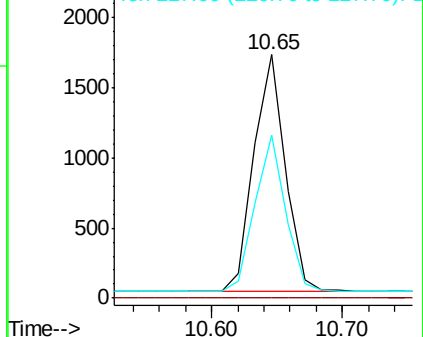
227 64.0 50.5 75.7

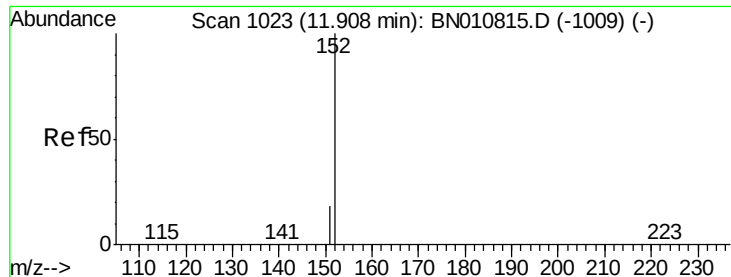


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.432 ng

RT: 11.89 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

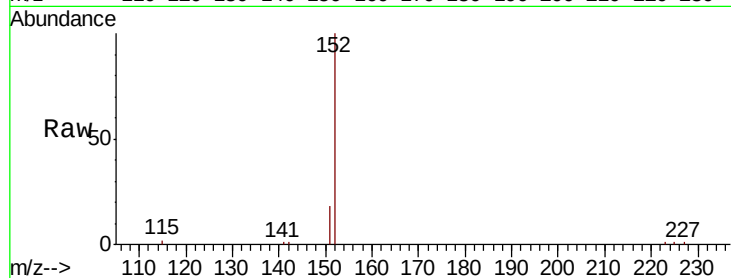
SSTDCCC0.4

Tot Ion:152 Resp: 7824

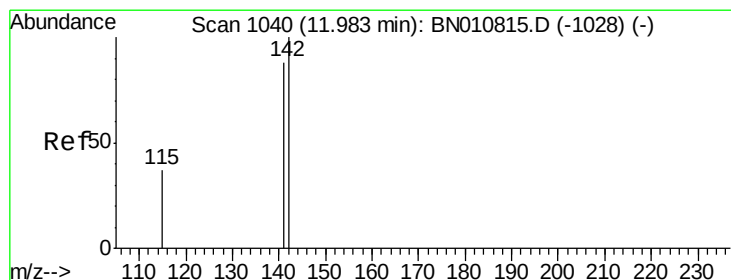
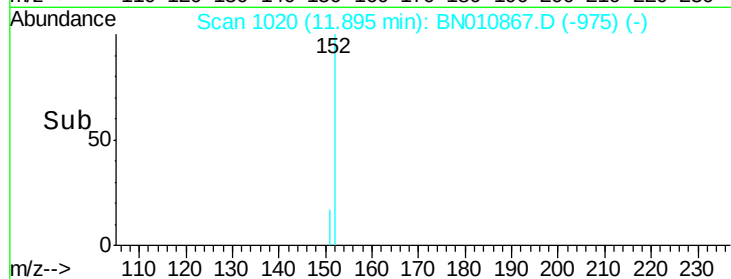
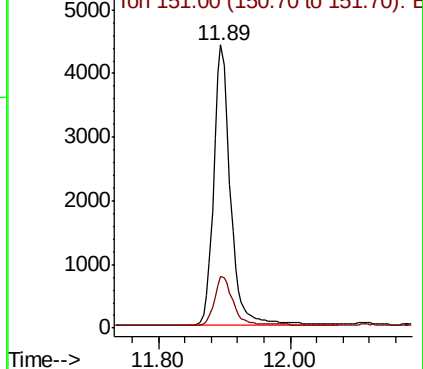
Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.429 ng

RT: 11.97 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

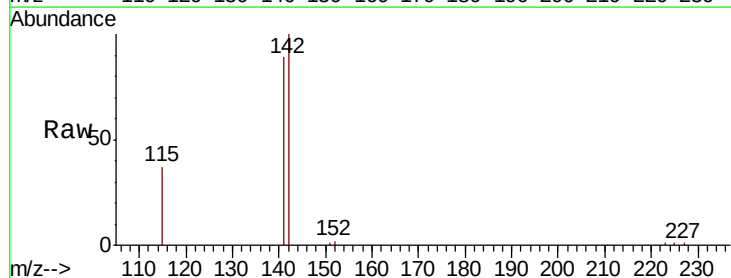
Tgt Ion:142 Resp: 8426

Ion Ratio Lower Upper

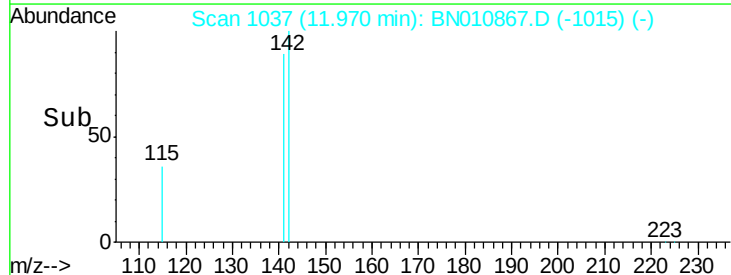
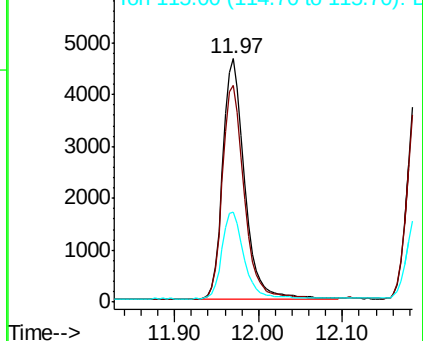
142 100

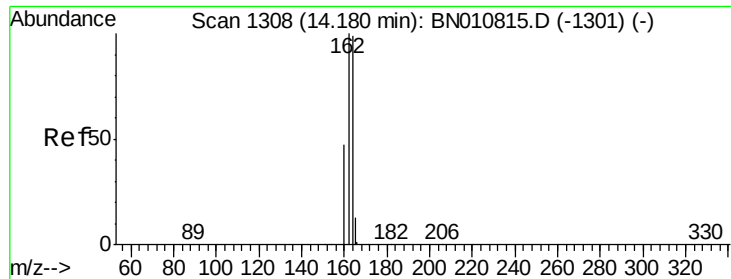
141 88.8 70.8 106.2

115 37.1 31.5 47.3



Abundance Ion 142.00 (141.70 to 142.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

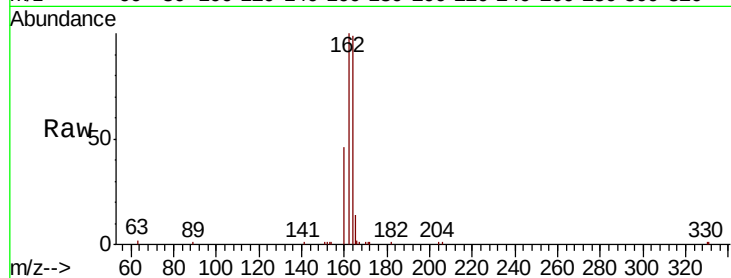
Tot Ion:164 Resp: 6555

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.6

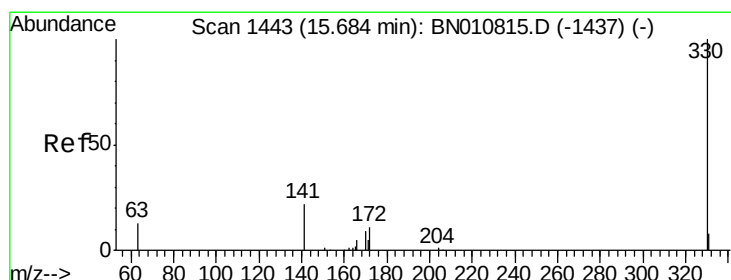
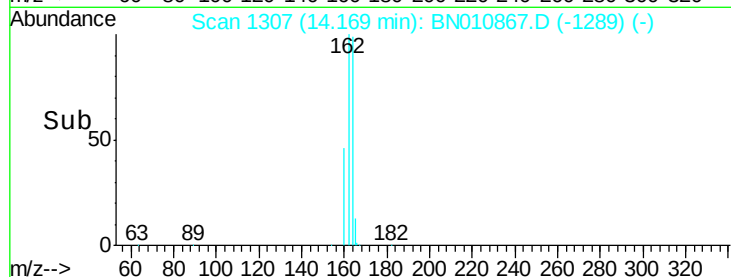
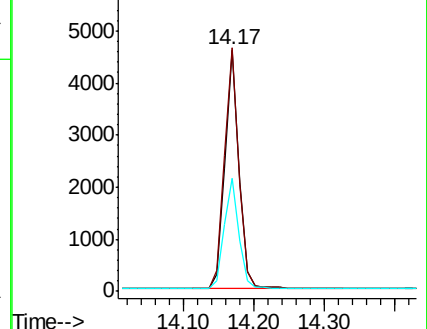
160 46.7 38.9 58.3



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: 0.365 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

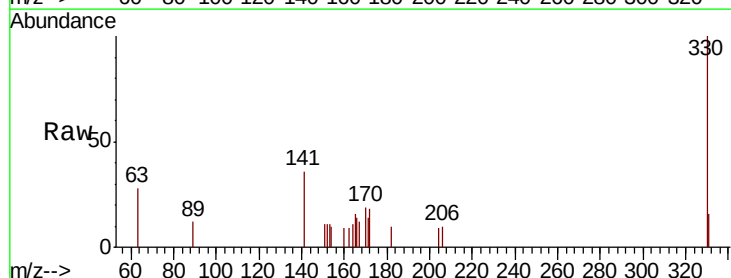
Tgt Ion:330 Resp: 855

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

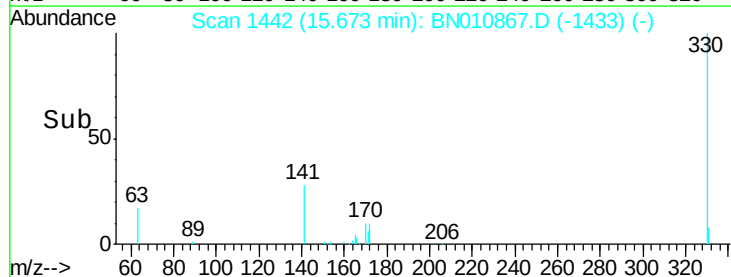
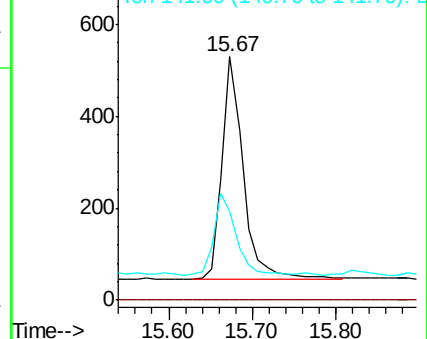
141 38.1 33.2 49.8

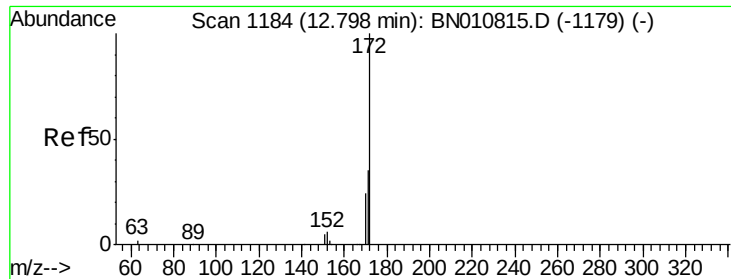


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

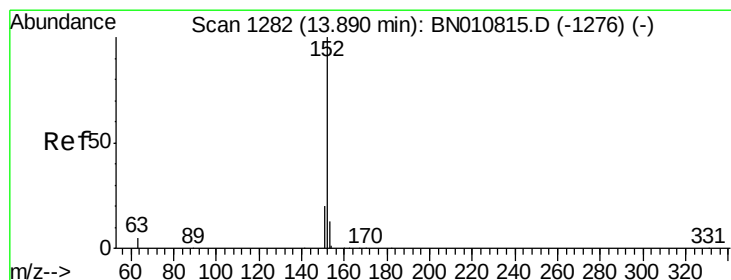
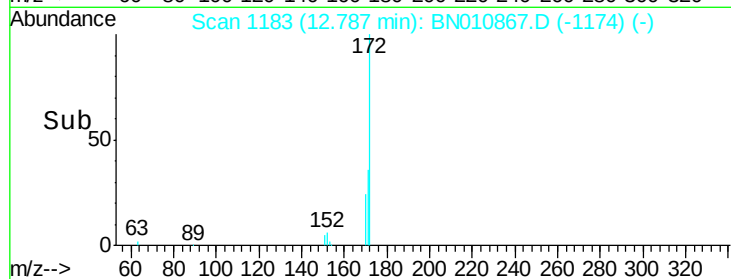
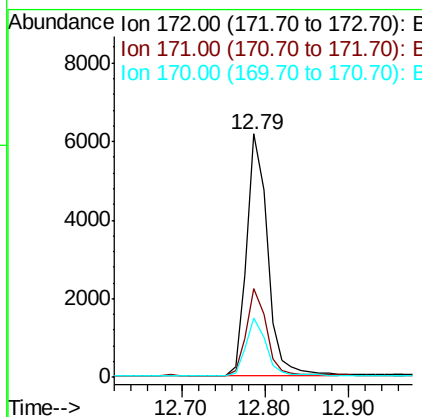
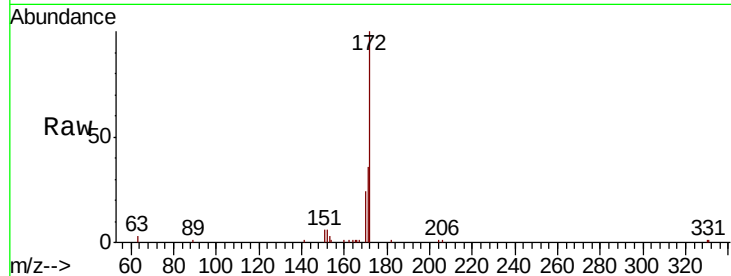




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010867.D
Acq: 15 Jun 2020 09:48

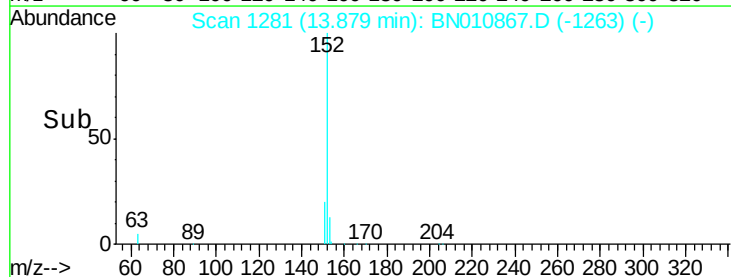
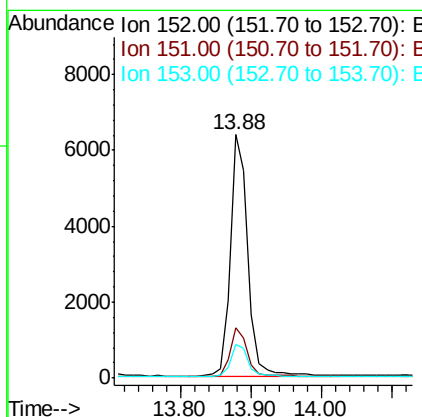
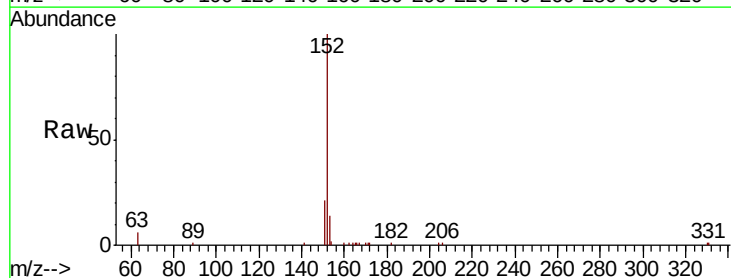
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

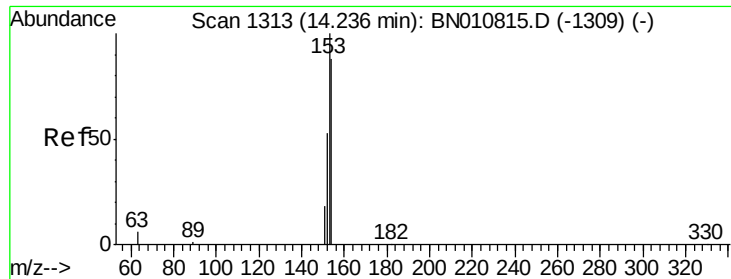
Tot Ion:172 Resp: 10681
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.2 19.7 29.5



#16
Acenaphthylene
Concen: 0.416 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010867.D
Acq: 15 Jun 2020 09:48

Tgt Ion:152 Resp: 11170
Ion Ratio Lower Upper
152 100
151 19.1 15.6 23.4
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.420 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

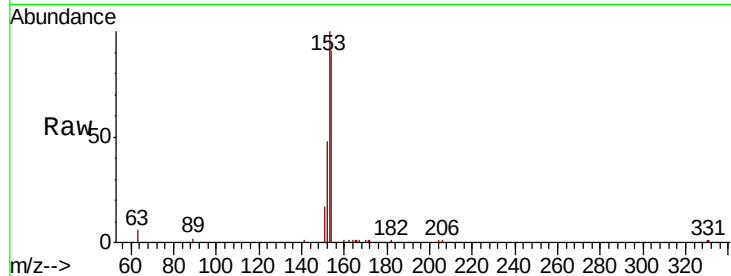
Tot Ion:154 Resp: 7684

Ion Ratio Lower Upper

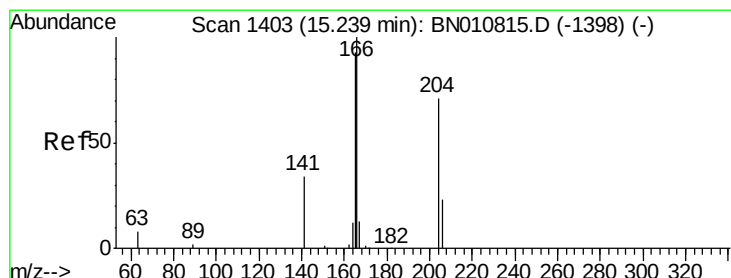
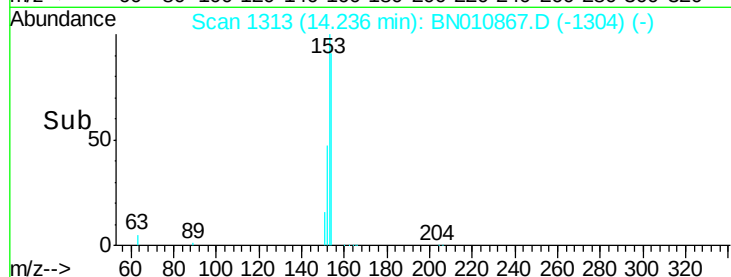
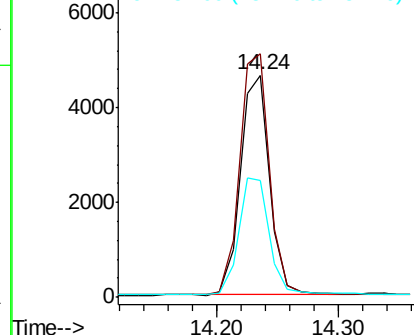
154 100

153 113.3 91.8 137.6

152 56.3 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: 0.408 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

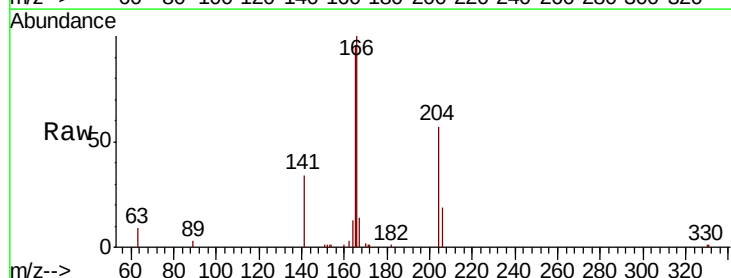
Tgt Ion:166 Resp: 9633

Ion Ratio Lower Upper

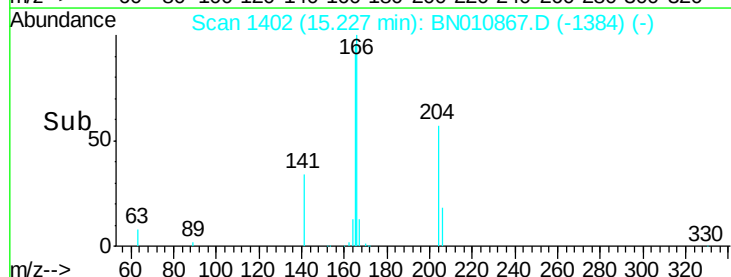
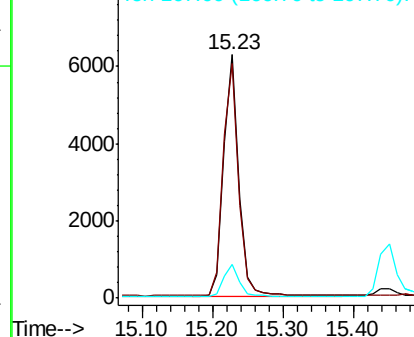
166 100

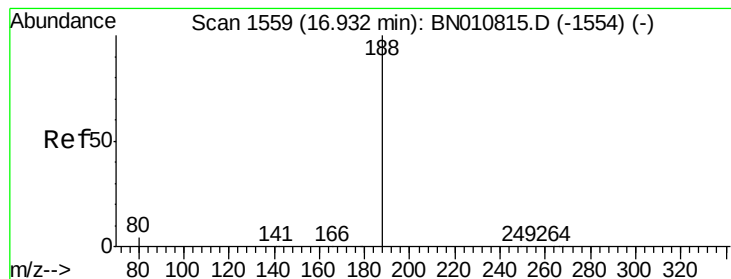
165 98.5 77.2 115.8

167 13.4 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: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

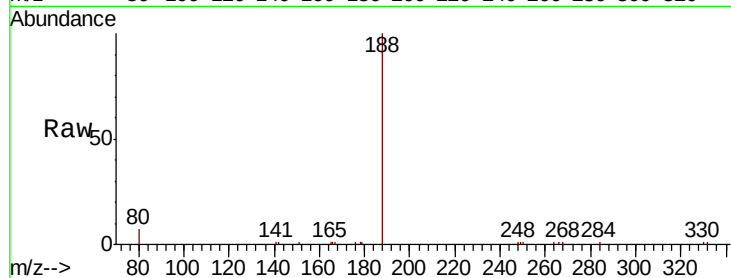
Tot Ion:188 Resp: 12415

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

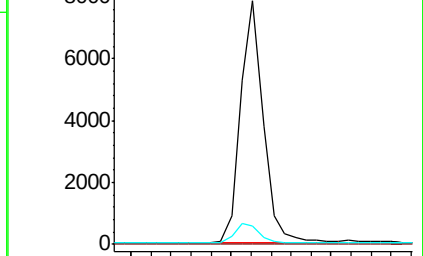
80 7.3 4.5 6.7#



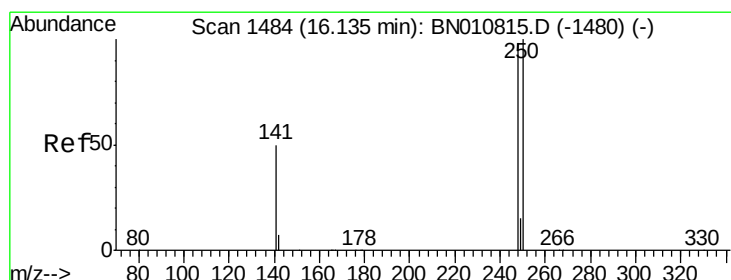
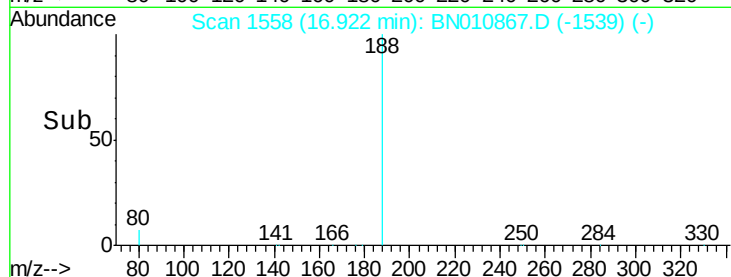
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.419 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

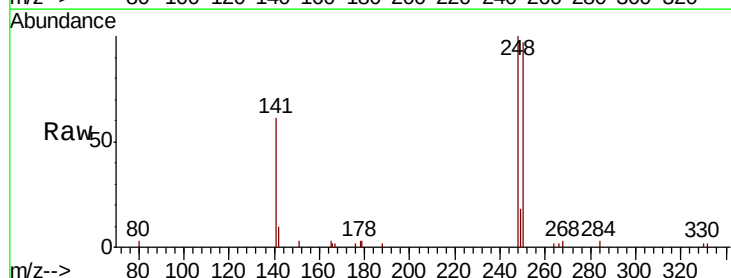
Tgt Ion:248 Resp: 3126

Ion Ratio Lower Upper

248 100

250 97.0 81.8 122.8

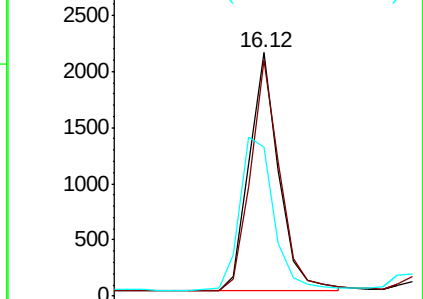
141 61.0 42.6 64.0



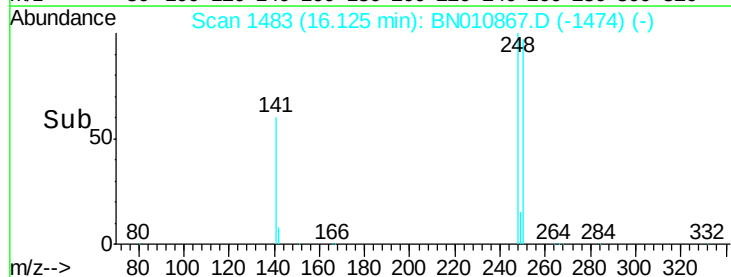
Abundance Ion 248.00 (247.70 to 248.70): E

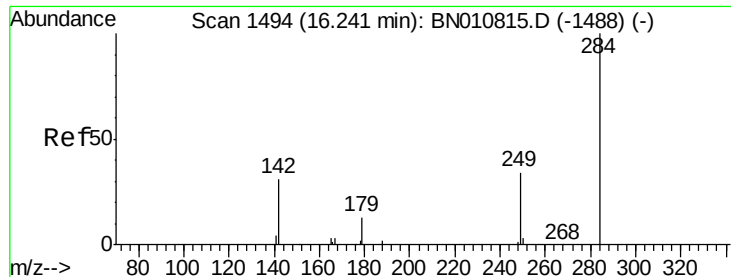
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.434 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

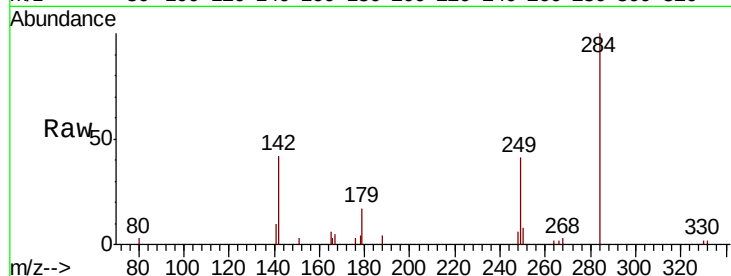
Tot Ion:284 Resp: 3376

Ion Ratio Lower Upper

284 100

142 37.1 31.0 46.4

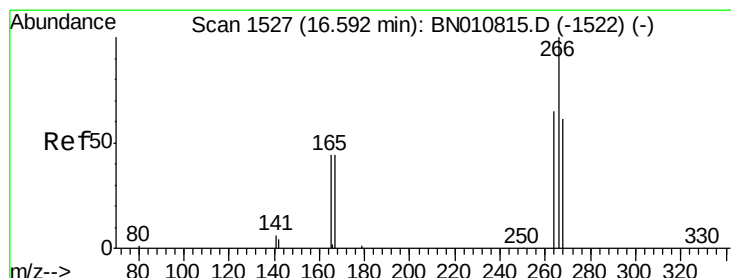
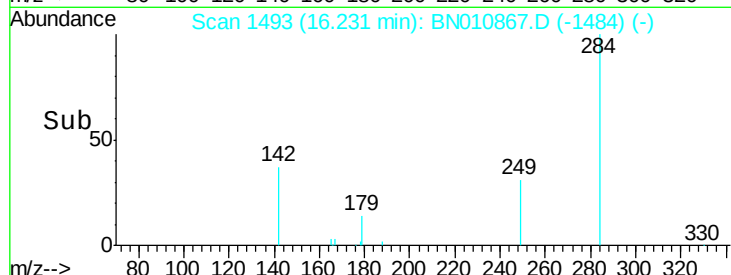
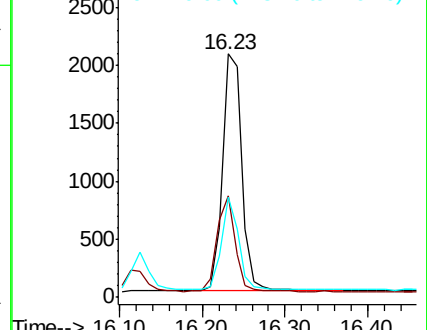
249 33.9 27.1 40.7



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: 0.420 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

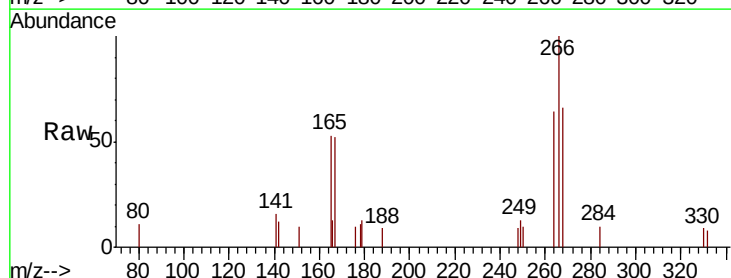
Tgt Ion:266 Resp: 1096

Ion Ratio Lower Upper

266 100

264 64.4 54.8 82.2

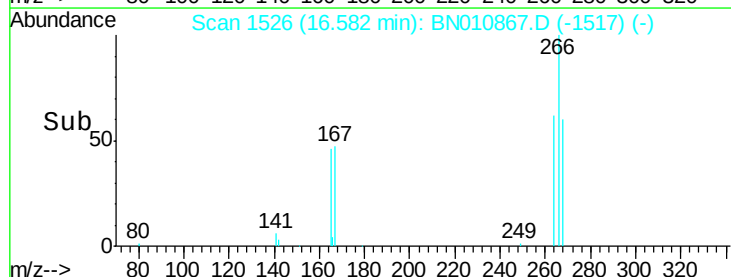
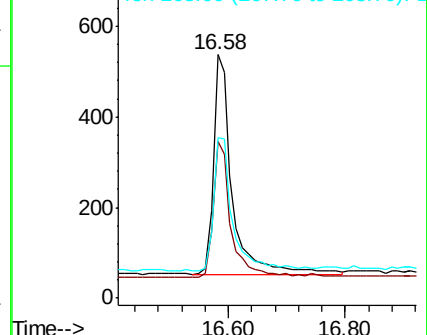
268 65.7 55.9 83.9

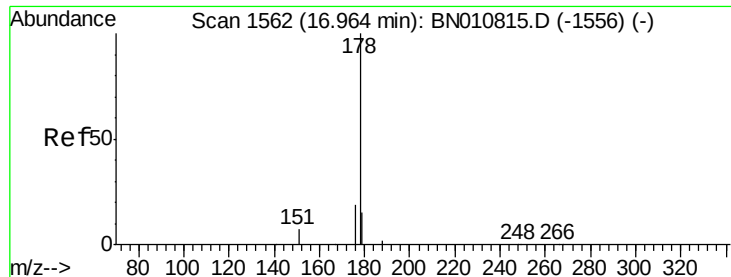


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.428 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

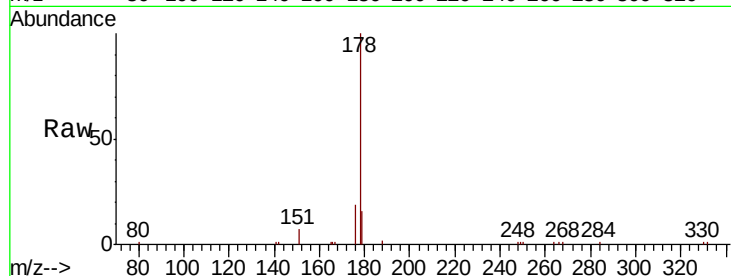
Tot Ion:178 Resp: 14528

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

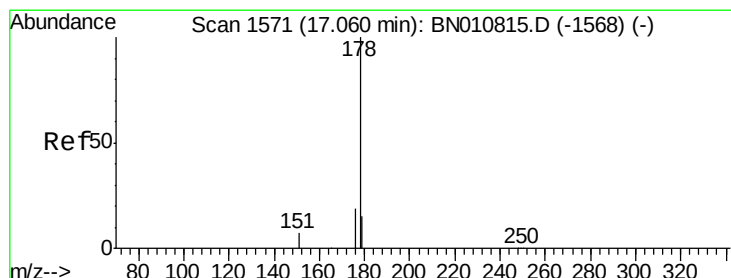
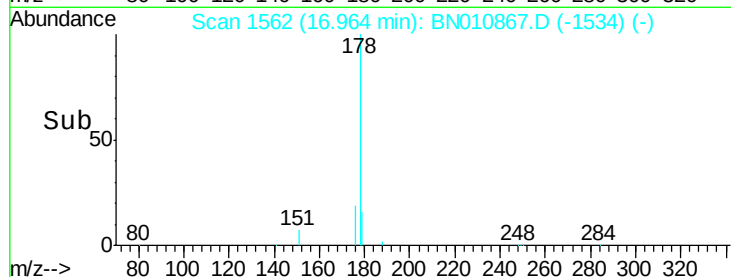
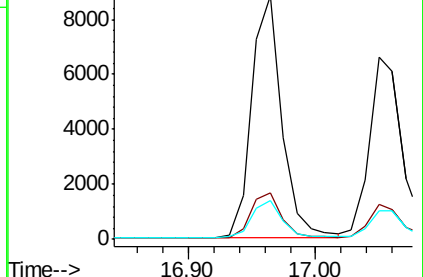
179 15.5 12.6 19.0



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: 0.426 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

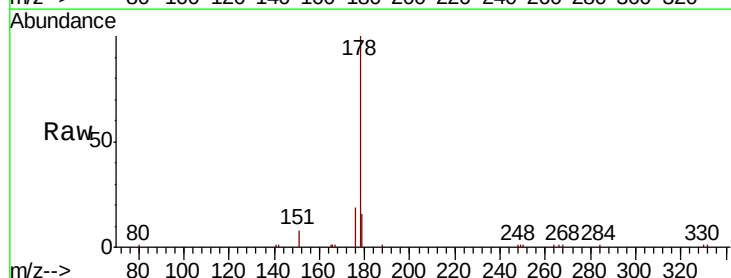
Tgt Ion:178 Resp: 12050

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

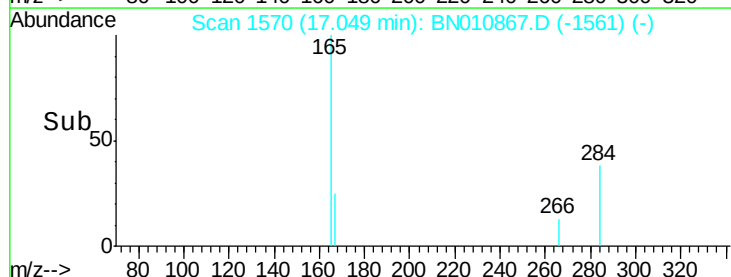
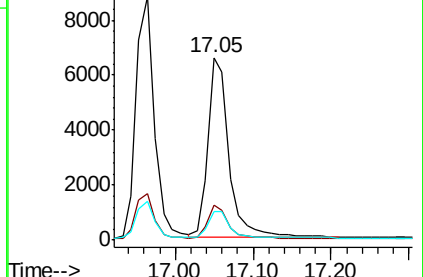
179 15.2 12.3 18.5

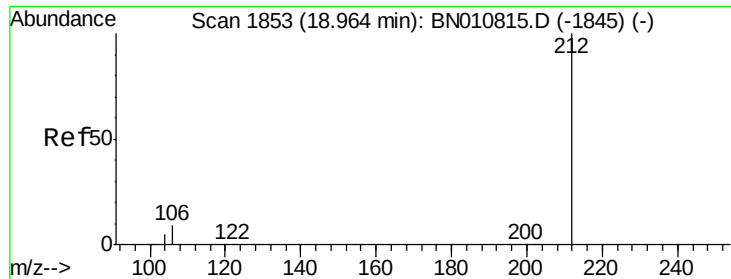


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

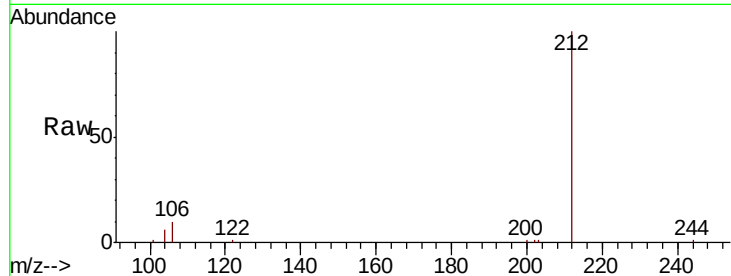
Tot Ion:212 Resp: 14067

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

104 5.7 4.0 6.0

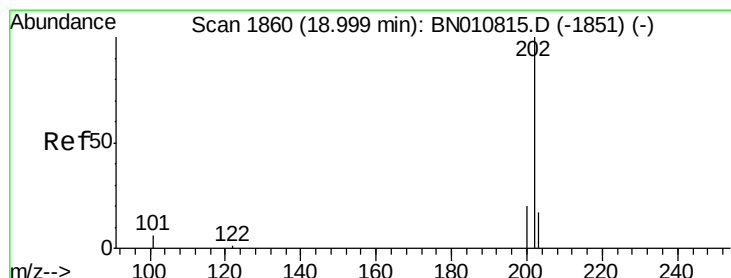
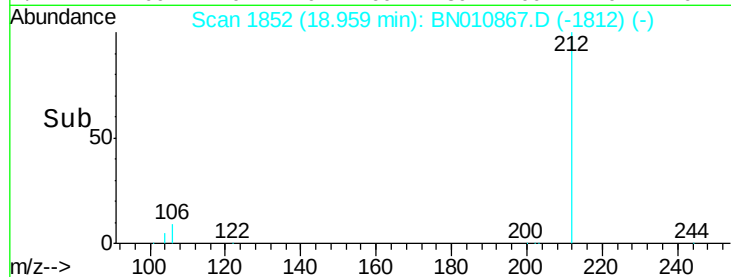
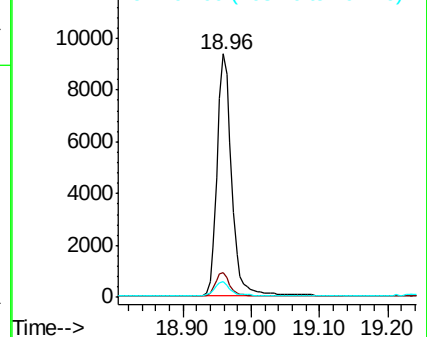


Abundance

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: 0.405 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

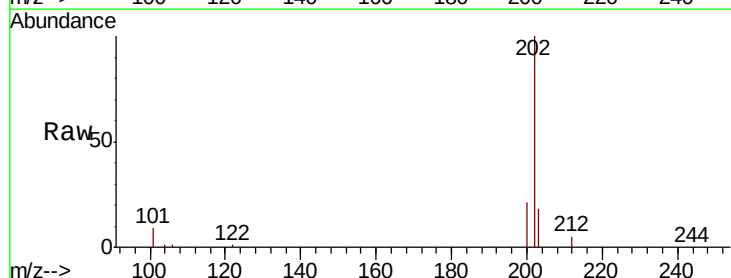
Tgt Ion:202 Resp: 15592

Ion Ratio Lower Upper

202 100

101 8.5 5.8 8.6

203 17.2 13.7 20.5

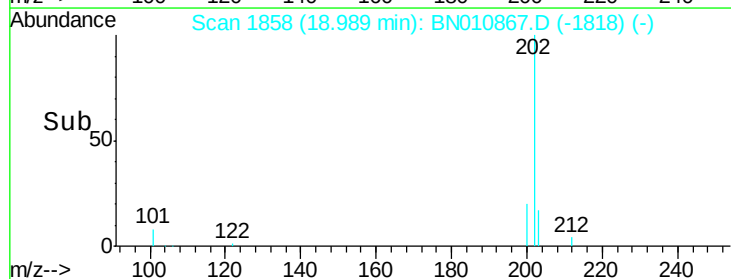
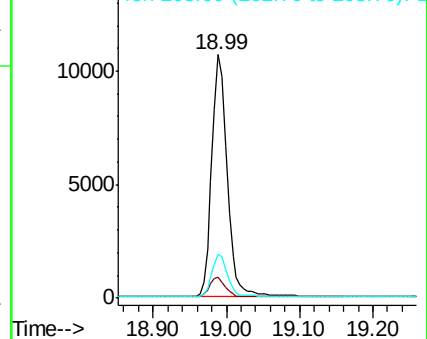


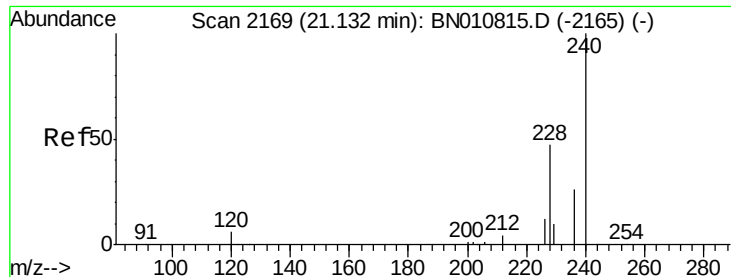
Abundance

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

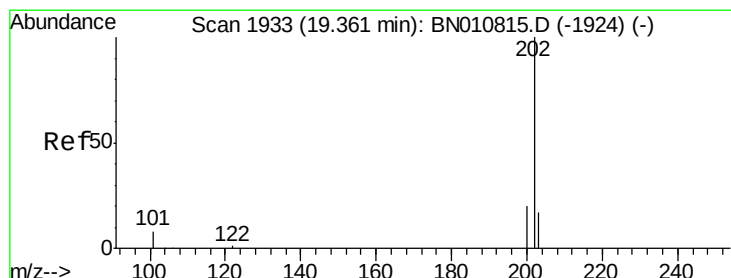
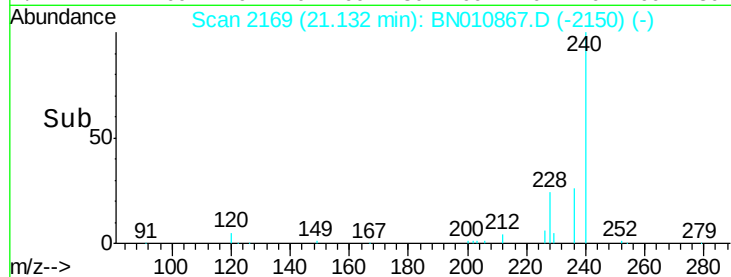
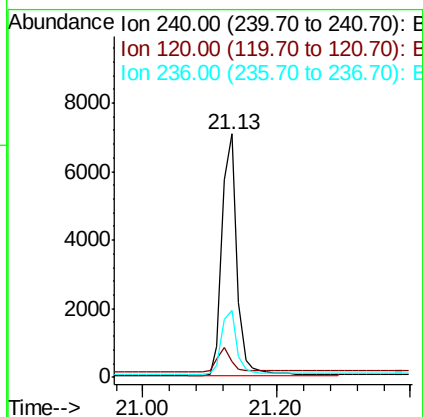
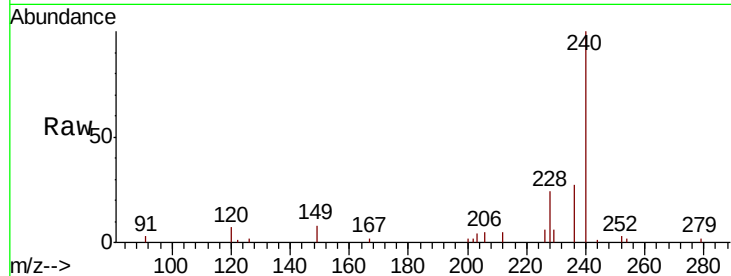




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010867.D
Acq: 15 Jun 2020 09:48

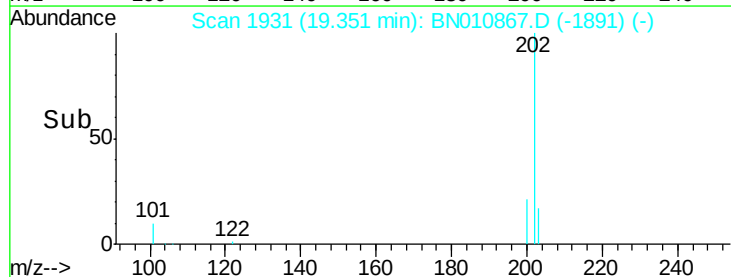
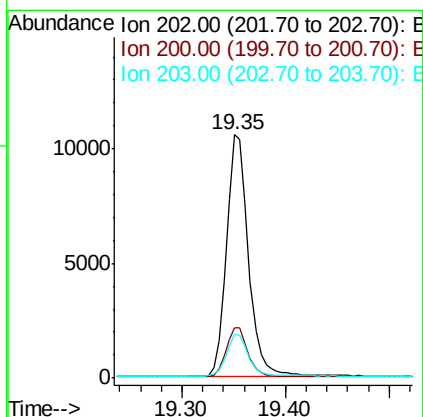
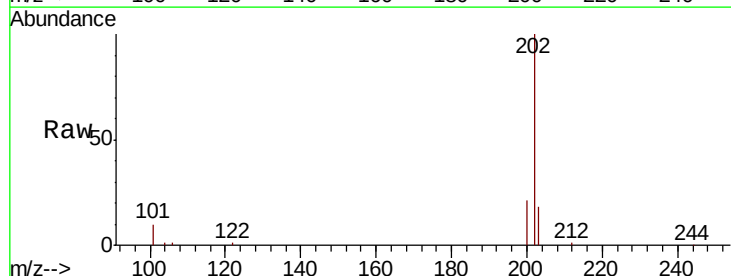
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

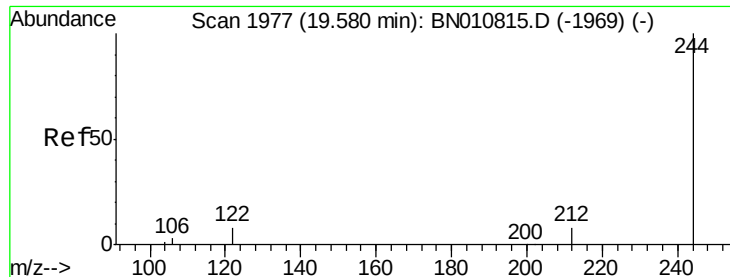
Tot Ion:240 Resp: 10881
Ion Ratio Lower Upper
240 100
120 6.6 7.5 11.3#
236 27.4 22.3 33.5



#28
Pyrene
Concen: 0.428 ng
RT: 19.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN010867.D
Acq: 15 Jun 2020 09:48

Tgt Ion:202 Resp: 15407
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.5 14.2 21.4





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

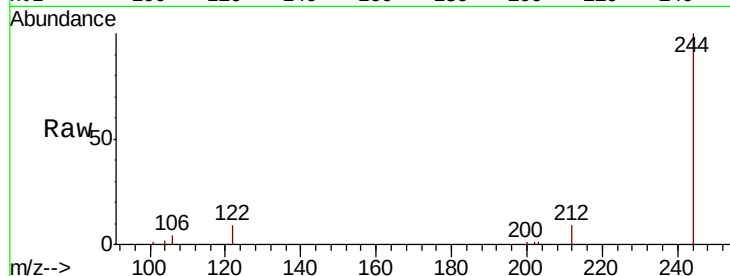
Tot Ion:244 Resp: 10858

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

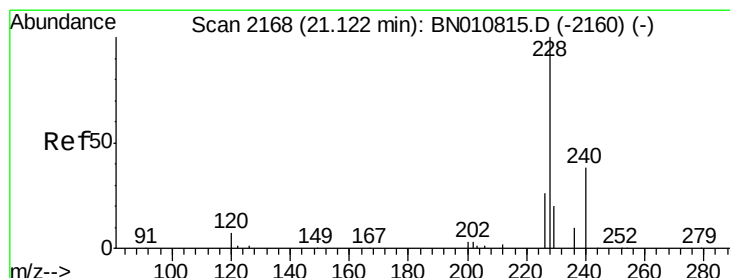
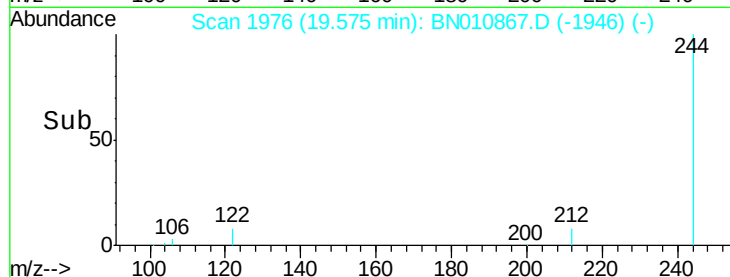
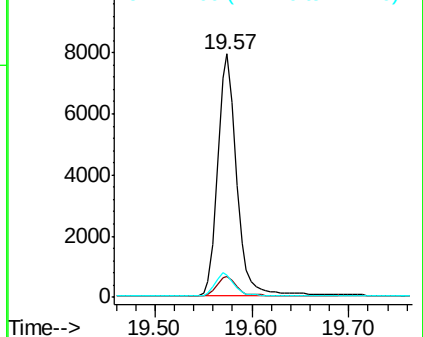
122 9.0 7.5 11.3



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: 0.427 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

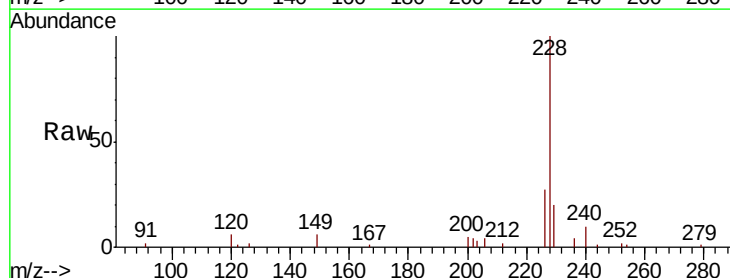
Tgt Ion:228 Resp: 13666

Ion Ratio Lower Upper

228 100

226 27.5 21.3 31.9

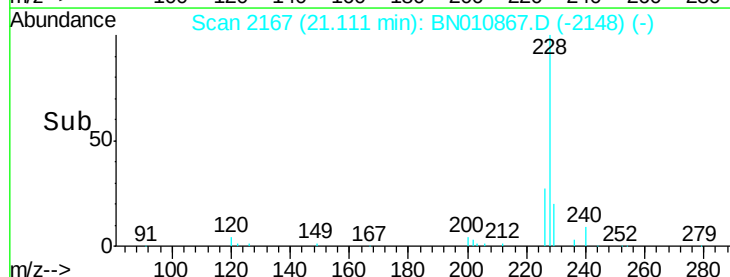
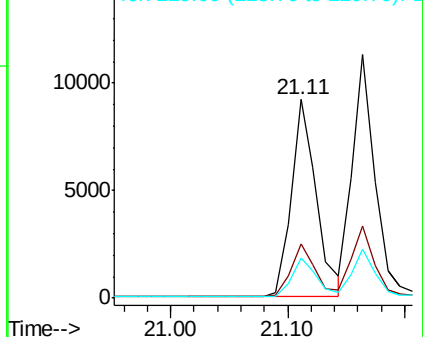
229 20.2 16.6 24.8

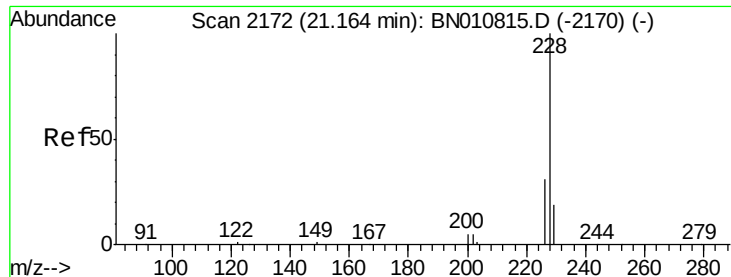


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.408 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

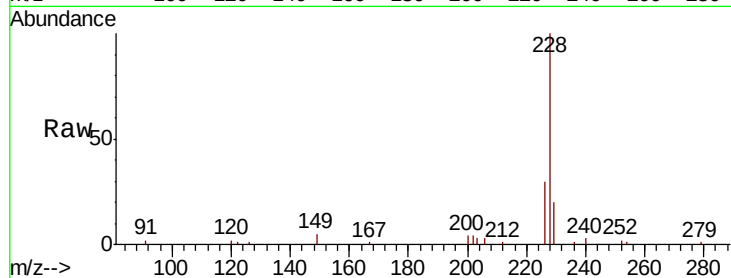
Tot Ion:228 Resp: 15212

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

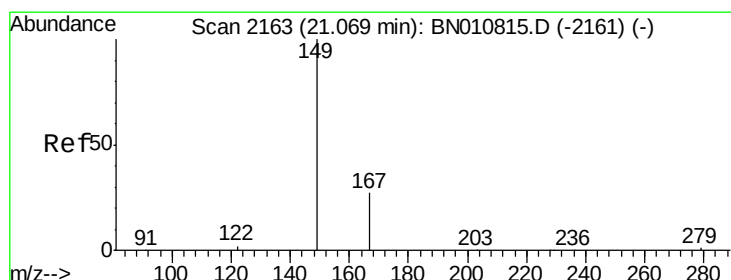
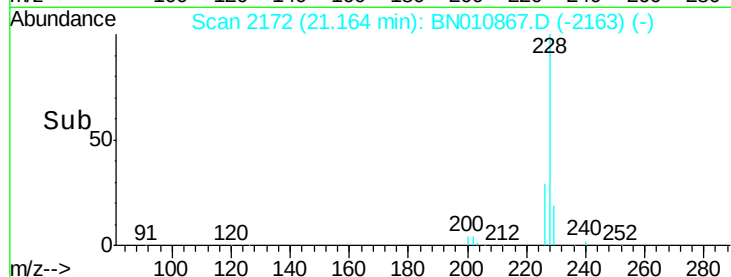
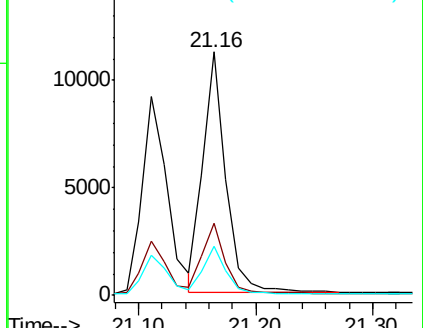
229 19.9 16.1 24.1



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: 0.466 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

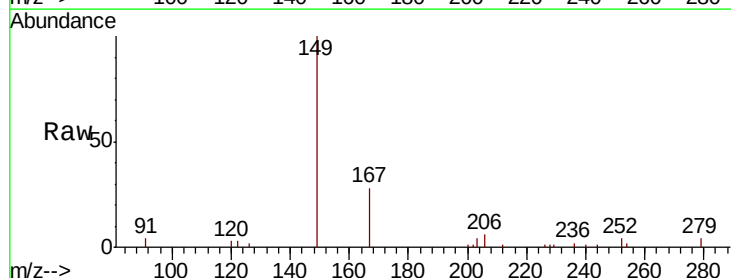
Tgt Ion:149 Resp: 4971

Ion Ratio Lower Upper

149 100

167 29.2 24.1 36.1

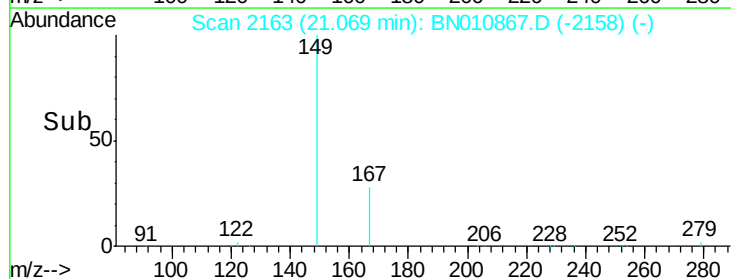
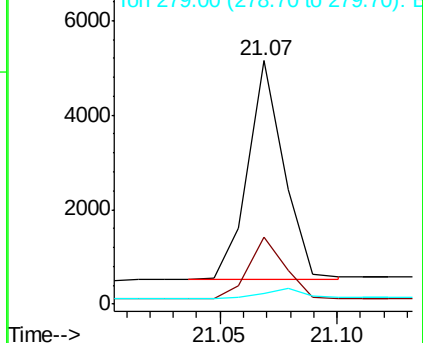
279 4.8 4.6 7.0

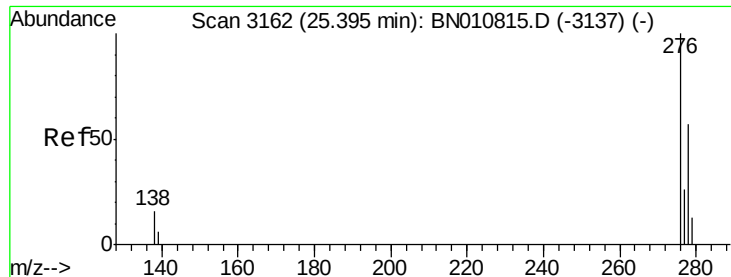


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

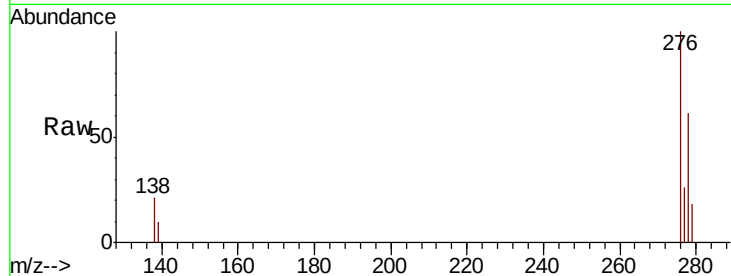




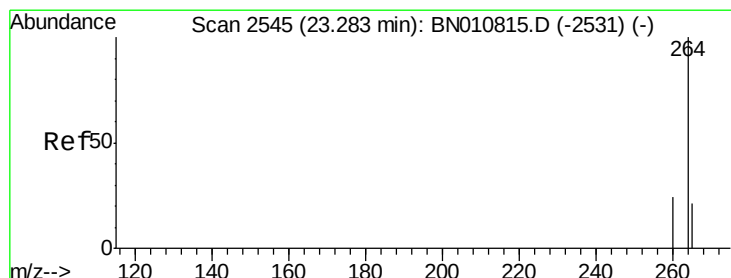
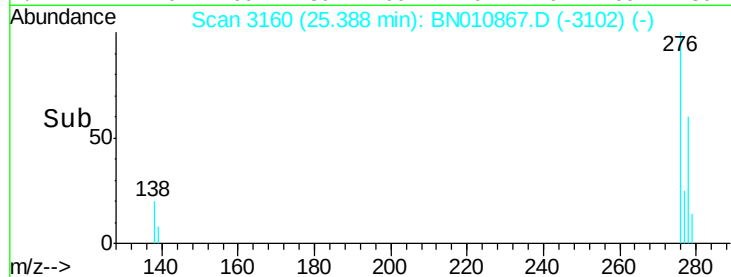
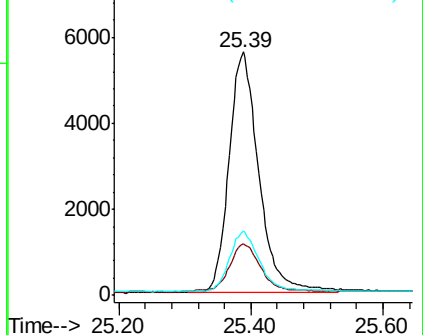
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.426 ng
 RT: 25.39 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BN010867.D
 Acq: 15 Jun 2020 09:48

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:276 Resp: 17748
 Ion Ratio Lower Upper
 276 100
 138 21.0 13.0 19.6#
 277 25.0 19.7 29.5

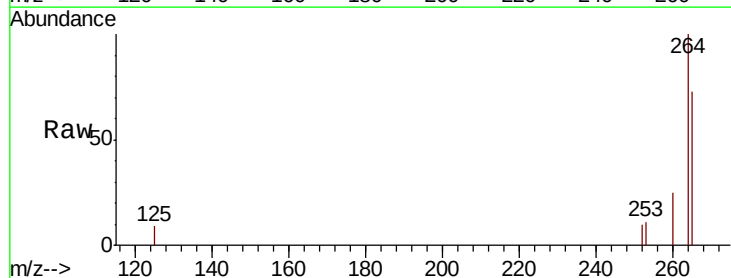


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

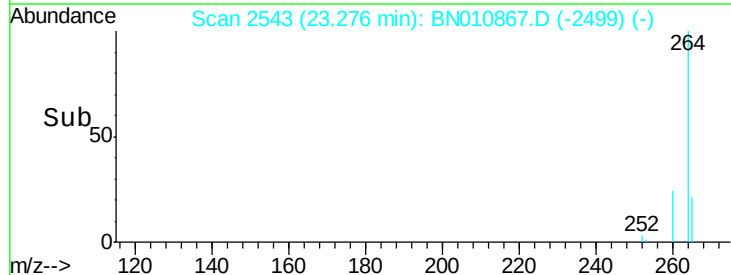
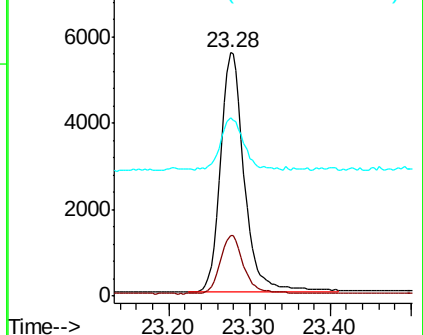


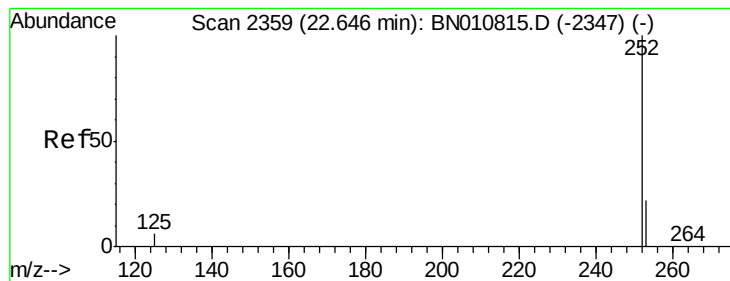
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BN010867.D
 Acq: 15 Jun 2020 09:48

Tgt Ion:264 Resp: 11385
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.4 30.6
 265 73.2 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: 0.390 ng

RT: 22.64 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

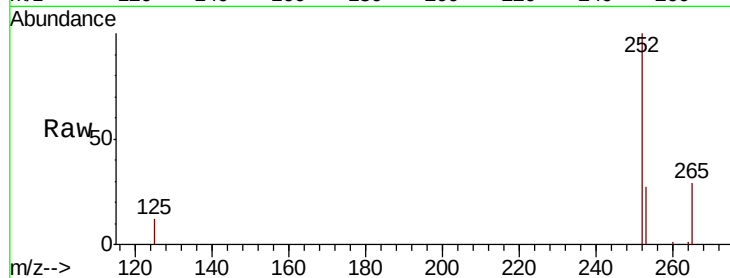
Tot Ion:252 Resp: 15117

Ion Ratio Lower Upper

252 100

253 26.7 22.4 33.6

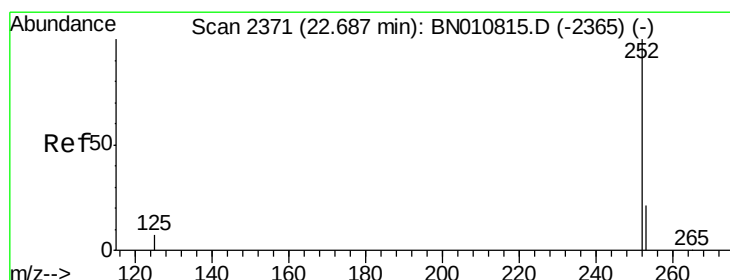
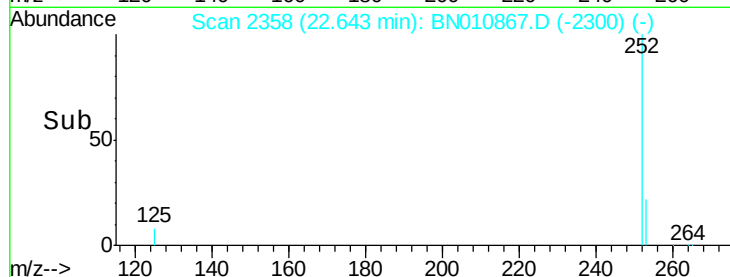
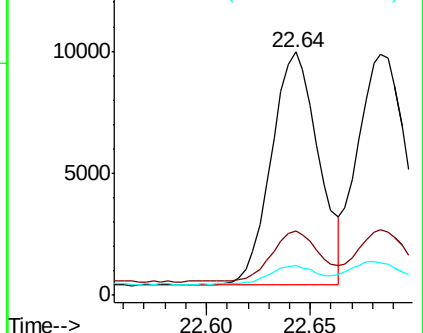
125 12.1 9.4 14.0



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: 0.396 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

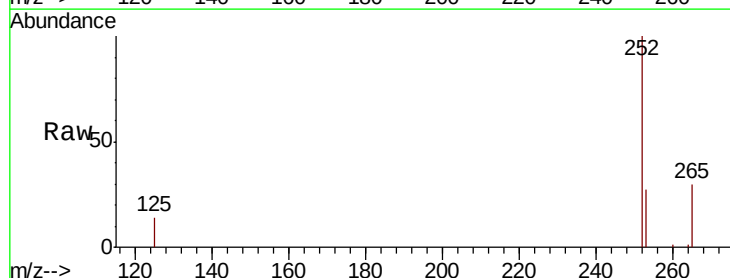
Tgt Ion:252 Resp: 16322

Ion Ratio Lower Upper

252 100

253 27.4 22.2 33.4

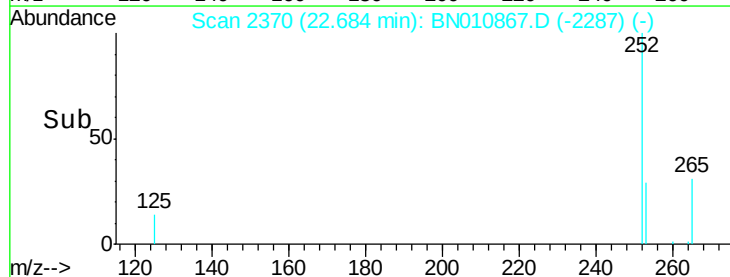
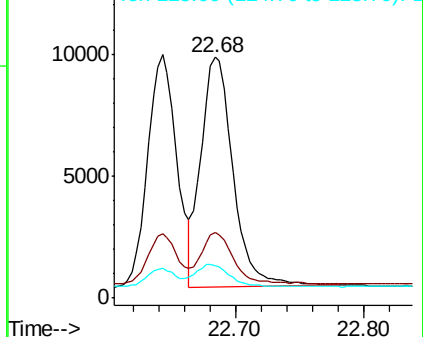
125 13.6 9.8 14.8

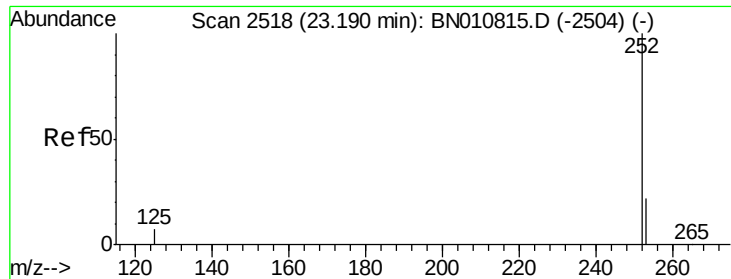


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.19 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

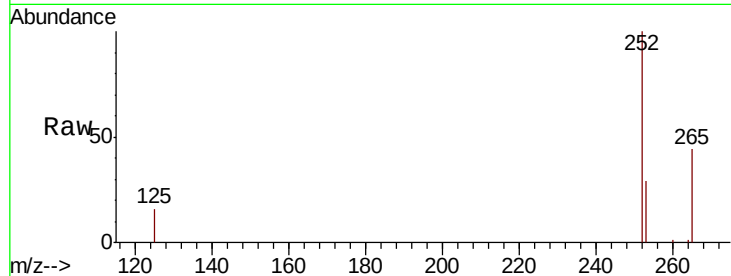
Tot Ion:252 Resp: 13295

Ion Ratio Lower Upper

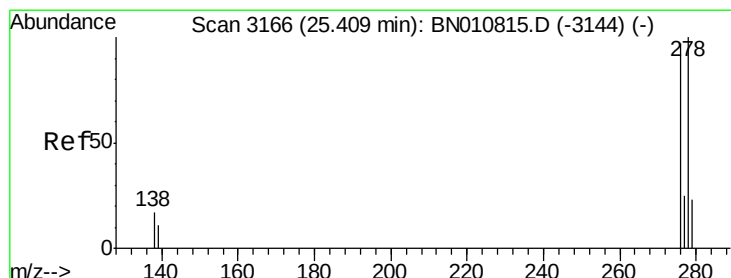
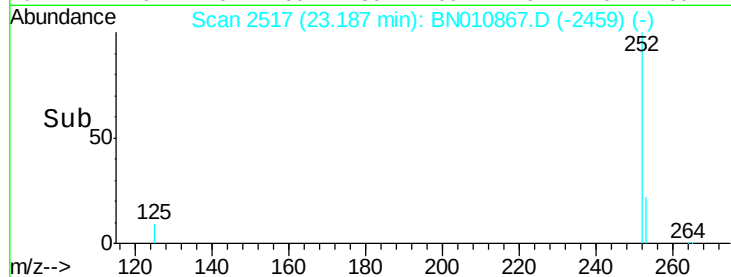
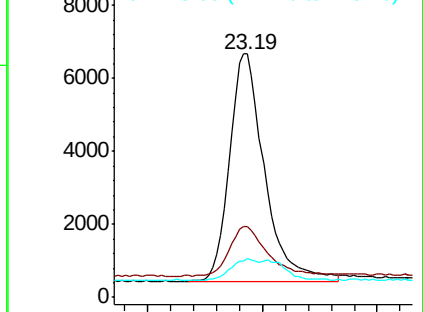
252 100

253 29.2 25.8 38.8

125 15.7 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: 0.370 ng

RT: 25.40 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

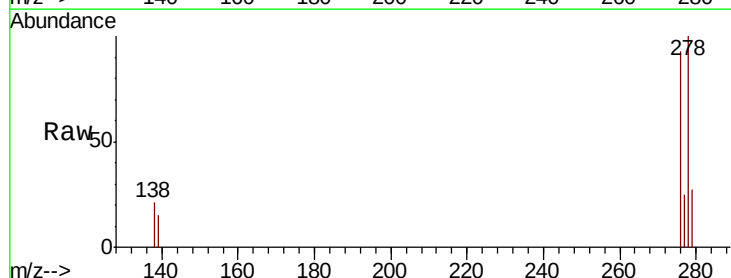
Tgt Ion:278 Resp: 14010

Ion Ratio Lower Upper

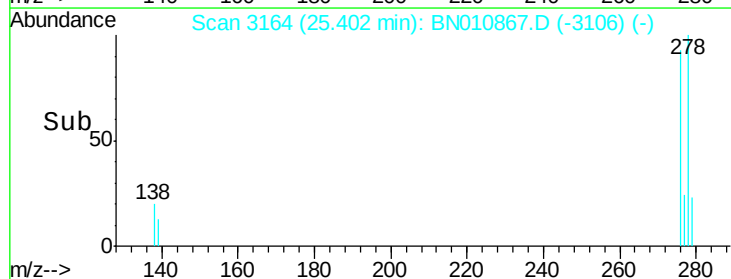
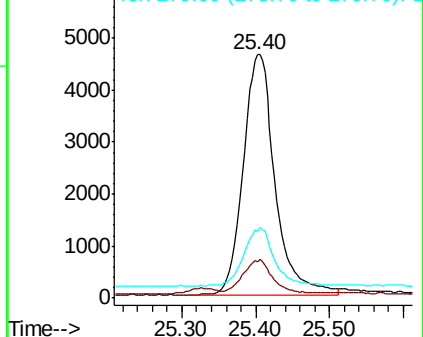
278 100

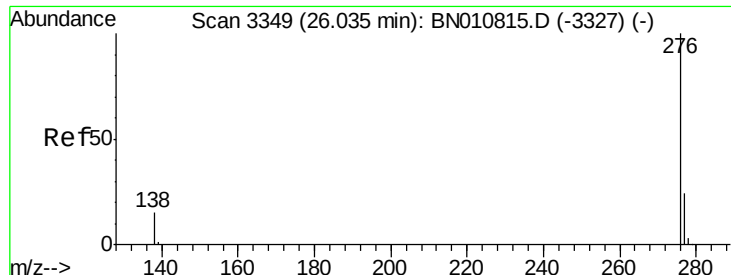
139 15.1 10.6 15.8

279 27.4 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: 0.383 ng

RT: 26.02 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BN010867.D

Acq: 15 Jun 2020 09:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

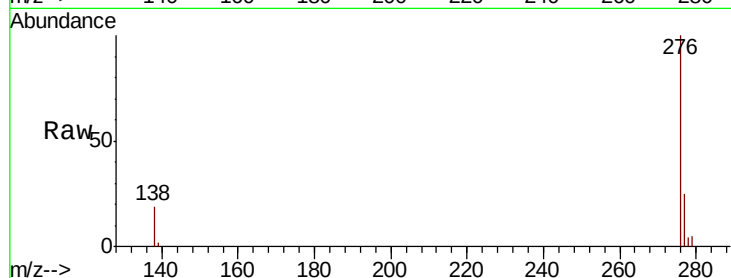
Tot Ion:276 Resp: 15140

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 19.3 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

