

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
 Data File : BN010901.D
 Acq On : 16 Jun 2020 10:59
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 16 11:41:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2911	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	10197	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5623	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11359	0.40	ng	0.00
27) Chrysene-d12	21.13	240	10913	0.40	ng	0.00
34) Perylene-d12	23.28	264	11733	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2690	0.48	ng	0.00
5) Phenol-d6	6.74	99	3206	0.48	ng	0.00
8) Nitrobenzene-d5	8.68	82	3105	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	6656	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	790	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	9329	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	13361	0.43	ng	0.00
29) Terphenyl-d14	19.57	244	10587	0.41	ng	0.00

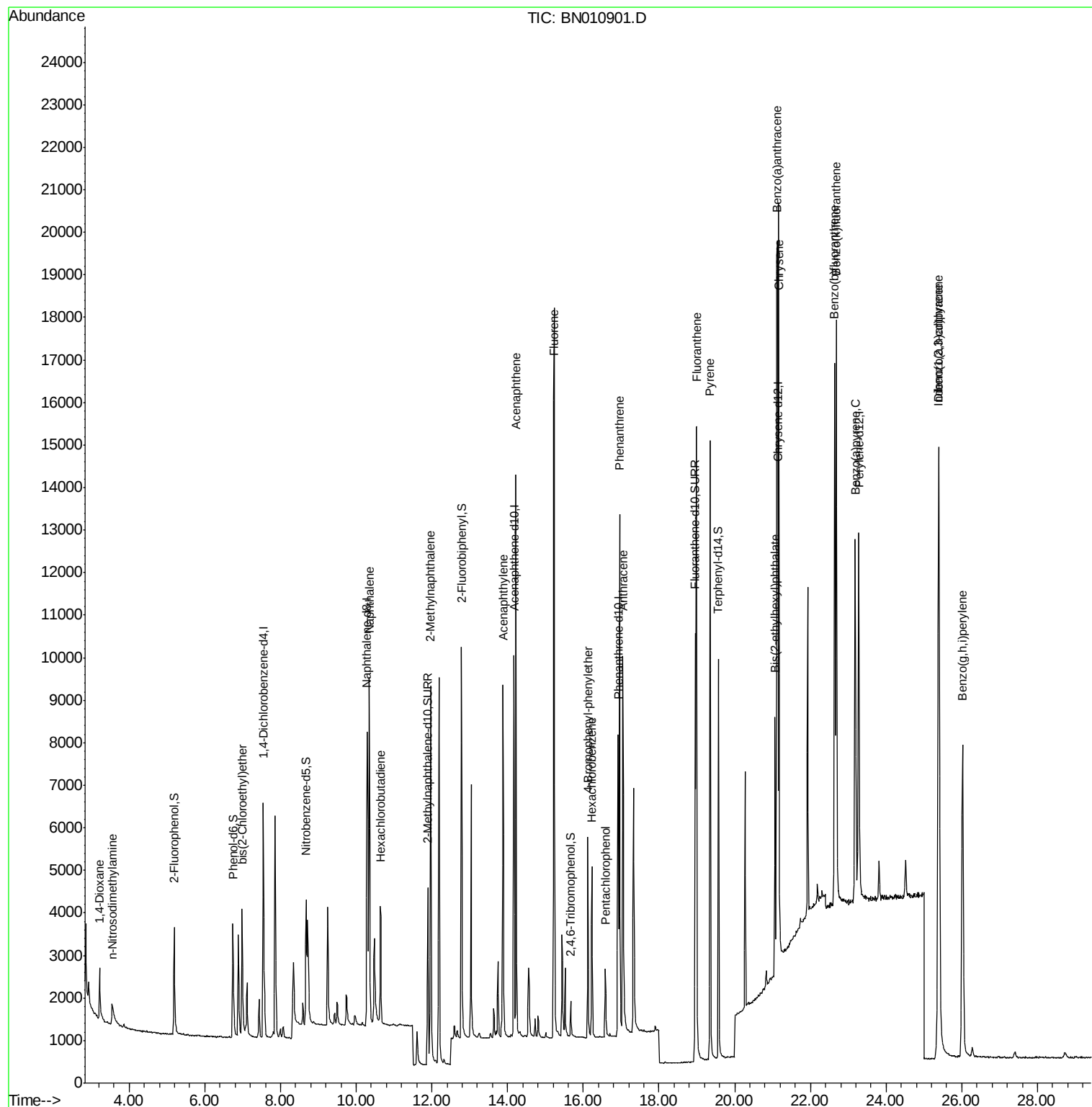
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1168	0.410	ng	97
3) n-Nitrosodimethylamine	3.56	42	612	0.369	ng	96
6) bis(2-Chloroethyl)ether	6.99	93	3115	0.483	ng	93
9) Naphthalene	10.34	128	10814	0.422	ng	99
10) Hexachlorobutadiene	10.63	225	2506	0.396	ng	# 99
12) 2-Methylnaphthalene	11.97	142	7203	0.420	ng	99
16) Acenaphthylene	13.88	152	9586	0.416	ng	99
17) Acenaphthene	14.22	154	6554	0.417	ng	99
18) Fluorene	15.22	166	8496	0.419	ng	99
20) 4-Bromophenyl-phenylether	16.12	248	2737	0.401	ng	99
21) Hexachlorobenzene	16.23	284	2971	0.417	ng	98
22) Pentachlorophenol	16.58	266	964	0.403	ng	97
23) Phenanthrene	16.95	178	13229	0.426	ng	99
24) Anthracene	17.05	178	10865	0.419	ng	100
26) Fluoranthene	18.99	202	14941	0.424	ng	# 99
28) Pyrene	19.35	202	14991	0.415	ng	99
30) Benzo(a)anthracene	21.11	228	13977	0.436	ng	99
31) Chrysene	21.16	228	15257	0.408	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	5012	0.469	ng	97
33) Indeno(1,2,3-cd)pyrene	25.38	276	18943	0.453	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	15352	0.385	ng	97
36) Benzo(k)fluoranthene	22.68	252	17197	0.405	ng	97
37) Benzo(a)pyrene	23.18	252	13571	0.397	ng	95
38) Dibenzo(a,h)anthracene	25.40	278	15249	0.391	ng	96
39) Benzo(g,h,i)perylene	26.02	276	15779	0.387	ng	98

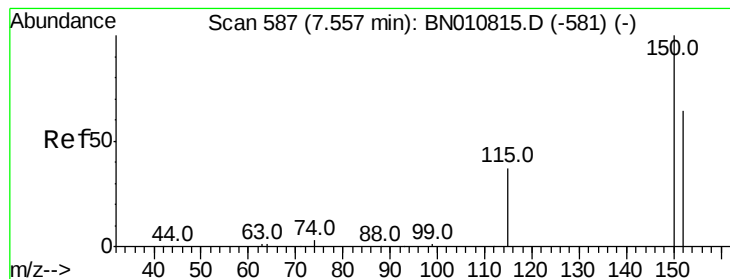
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

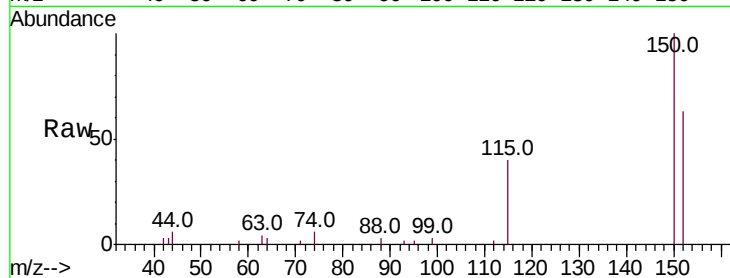
Tot Ion:152 Resp: 2911

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

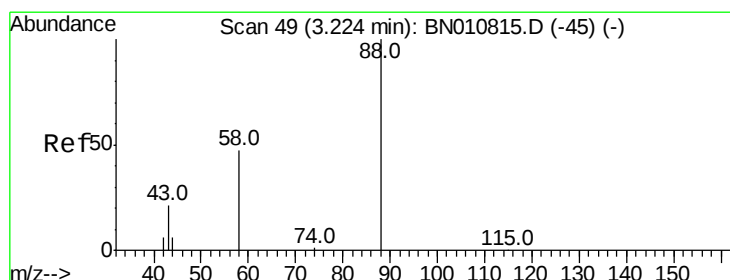
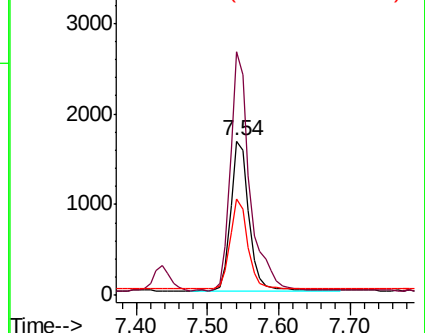
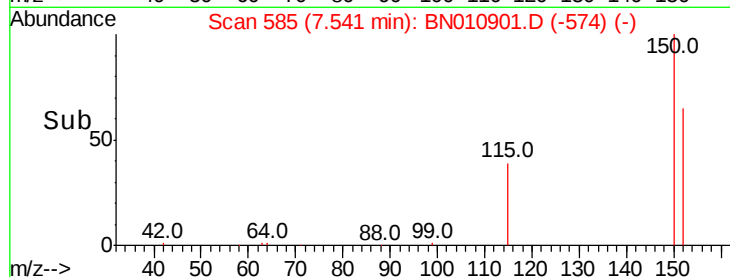
115 62.9 49.2 73.8



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: 0.410 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

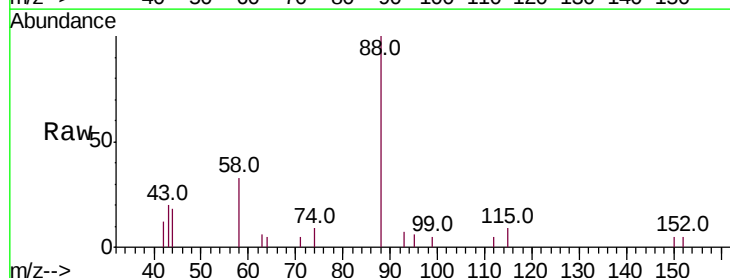
Tgt Ion: 88 Resp: 1168

Ion Ratio Lower Upper

88 100

58 49.7 38.2 57.4

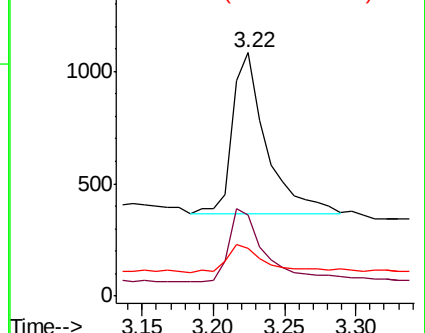
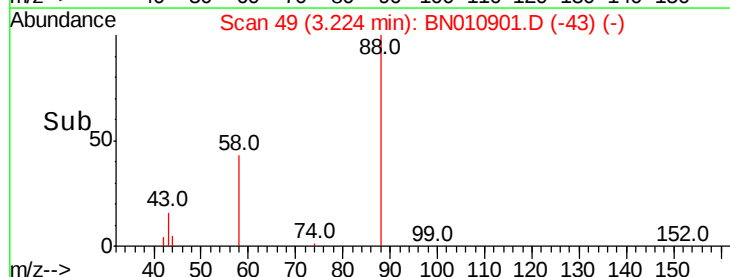
43 19.8 15.1 22.7

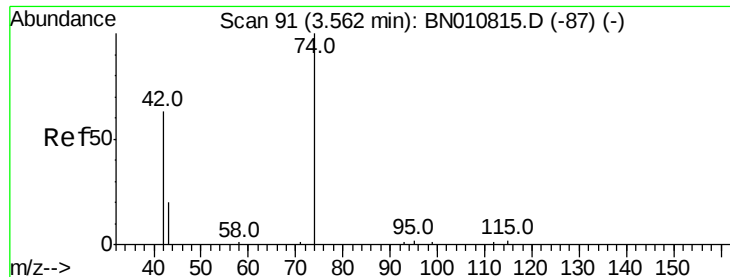


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



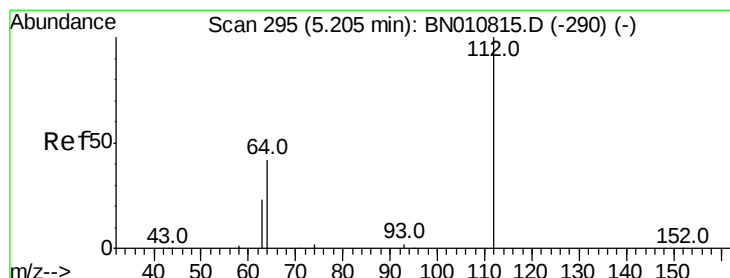
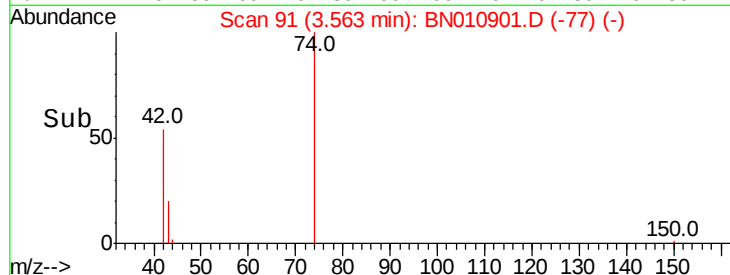
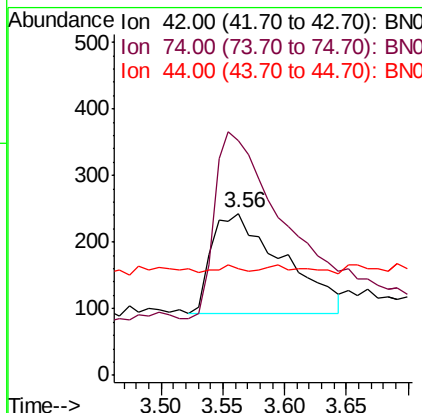
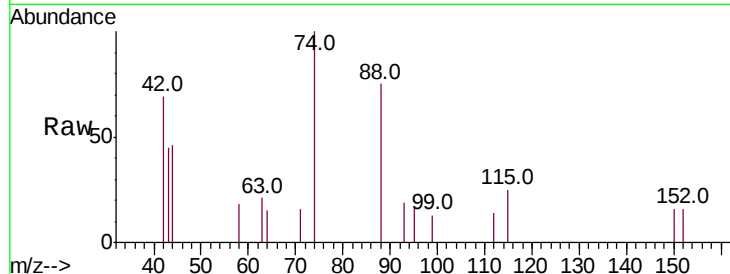


#3

n-Nitrosodimethylamine
 Concen: 0.369 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.02 min
 Lab File: BN010901.D
 Acq: 16 Jun 2020 10:59

Instrument :
 BNA_N
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 SSTDCCC0.4EC

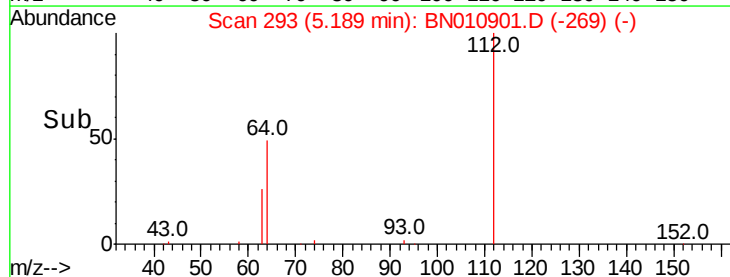
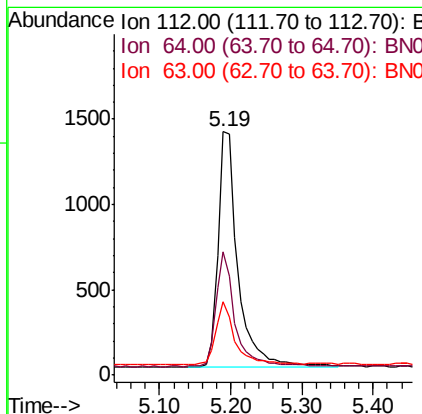
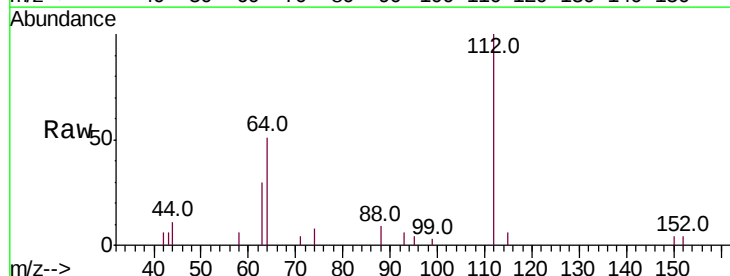
Tot Ion: 42 Resp: 612
 Ion Ratio Lower Upper
 42 100
 74 180.9 140.7 211.1
 44 2.1 1.4 2.2

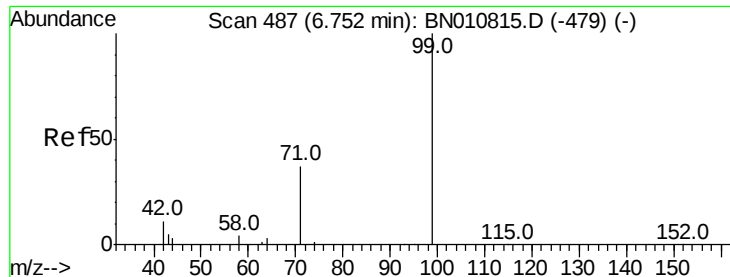


#4

2-Fluorophenol
 Concen: 0.479 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BN010901.D
 Acq: 16 Jun 2020 10:59

Tgt Ion: 112 Resp: 2690
 Ion Ratio Lower Upper
 112 100
 64 45.8 37.4 56.0
 63 24.8 22.2 33.4





#5

Phenol-d6

Concen: 0.484 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

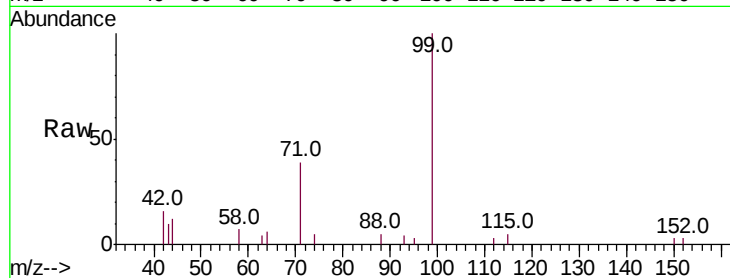
Tot Ion: 99 Resp: 3206

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

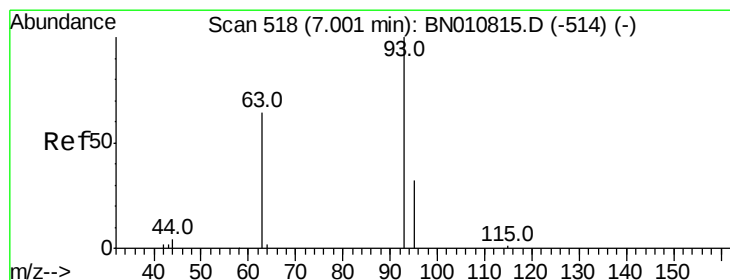
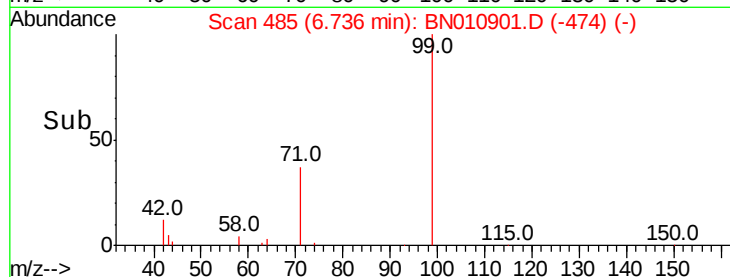
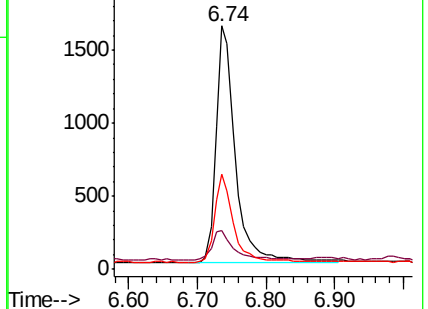
71 36.0 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.483 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

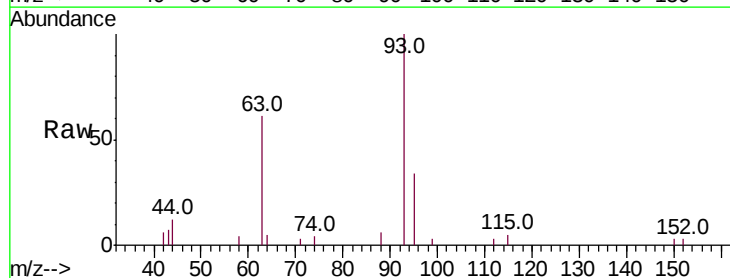
Tgt Ion: 93 Resp: 3115

Ion Ratio Lower Upper

93 100

63 54.4 49.4 74.2

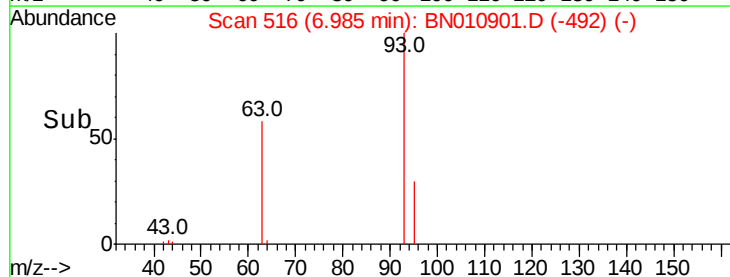
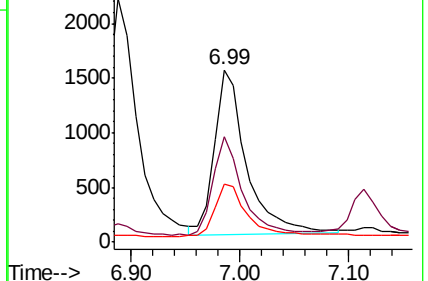
95 32.1 26.7 40.1

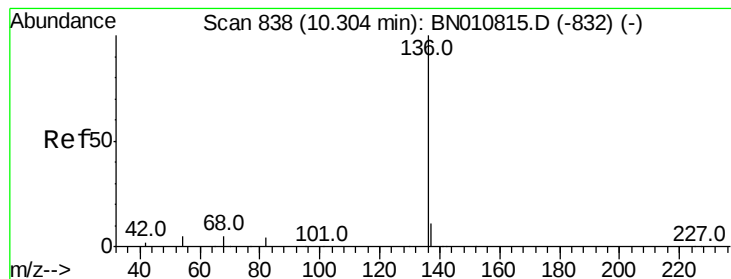


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 10197

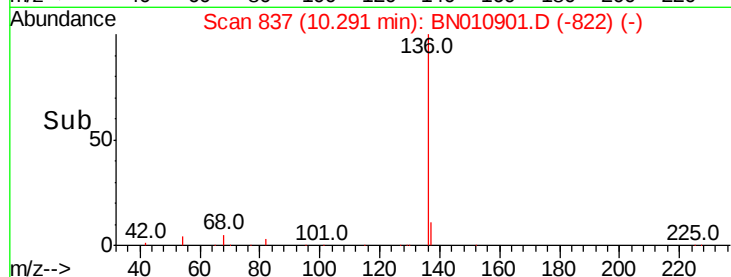
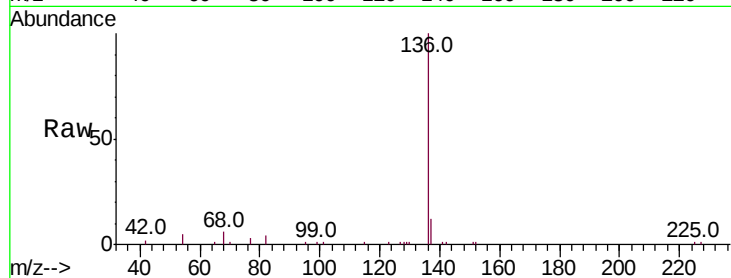
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 4.8 4.9 7.3#

68 5.7 4.7 7.1

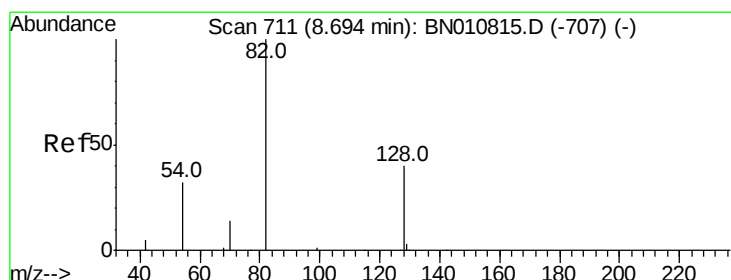
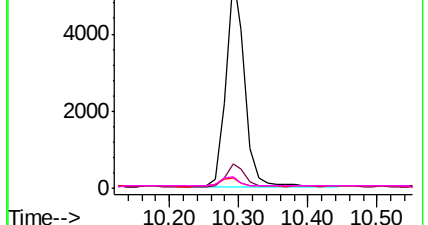


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

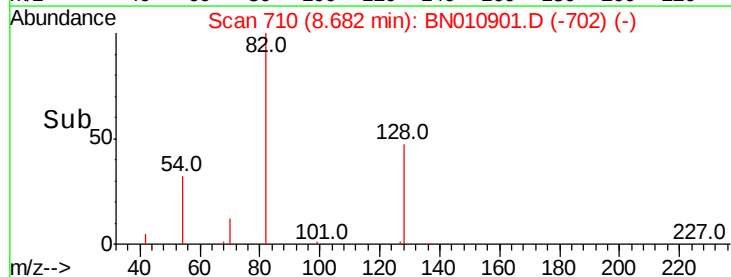
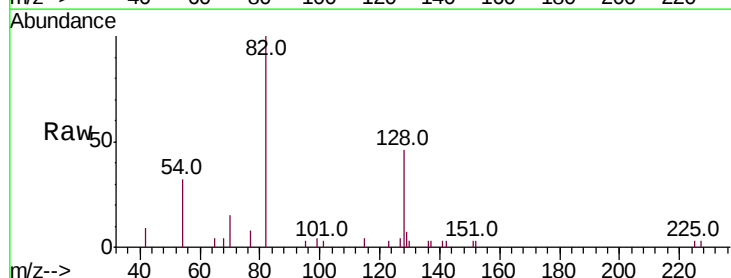
Tgt Ion: 82 Resp: 3105

Ion Ratio Lower Upper

82 100

128 46.4 35.4 53.0

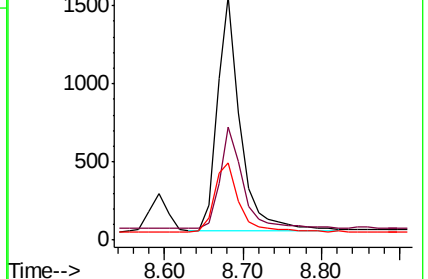
54 31.7 28.2 42.4

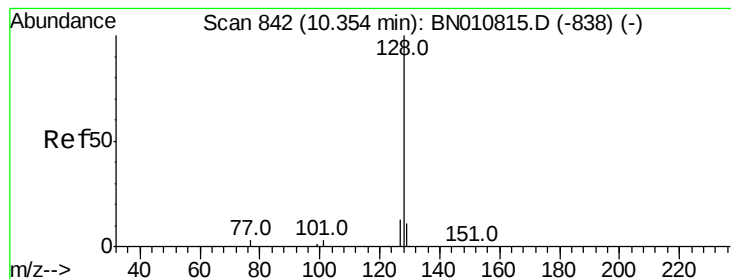


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.422 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

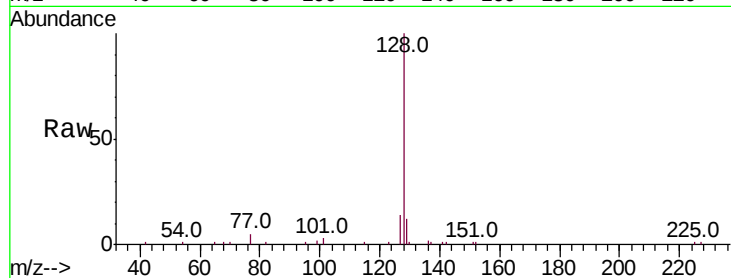
Tot Ion:128 Resp: 10814

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

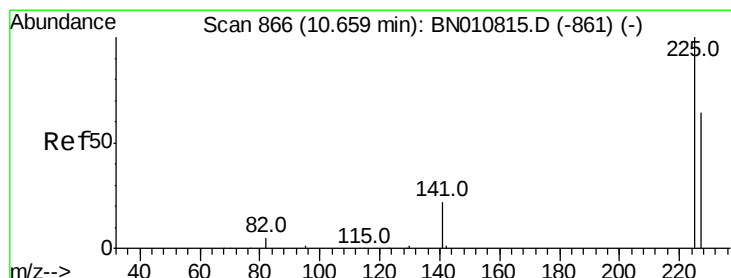
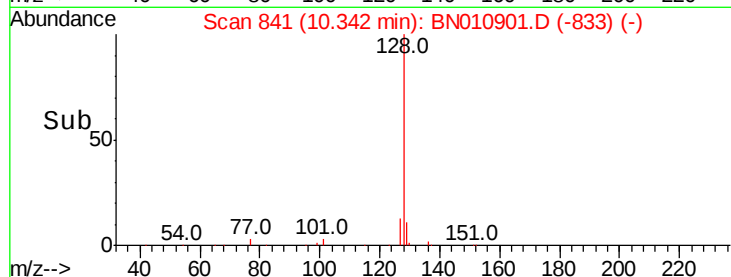
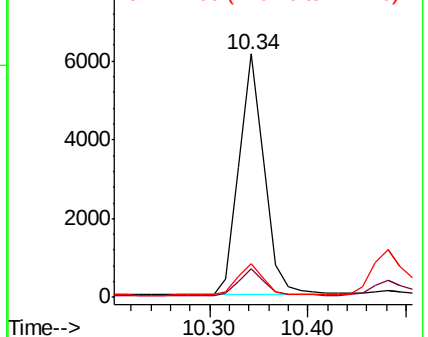
127 14.0 11.4 17.2



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: 0.396 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

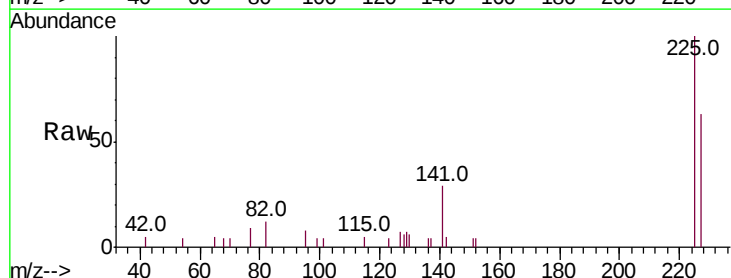
Tgt Ion:225 Resp: 2506

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

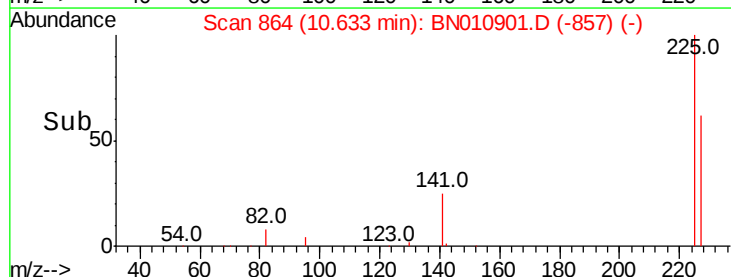
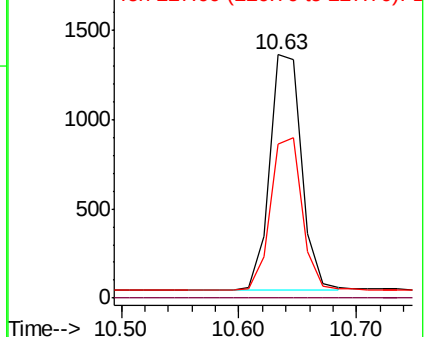
227 64.2 50.5 75.7

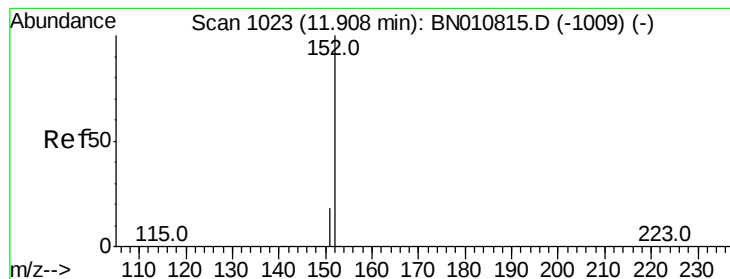


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

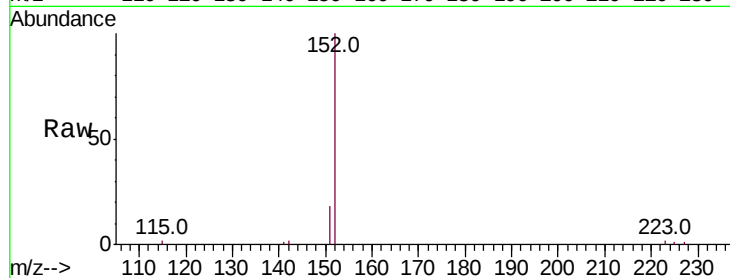
SSTDCCC0.4EC

Tot Ion:152 Resp: 6656

Ion Ratio Lower Upper

152 100

151 19.1 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

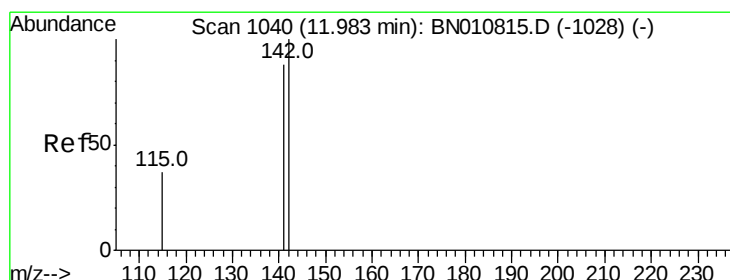
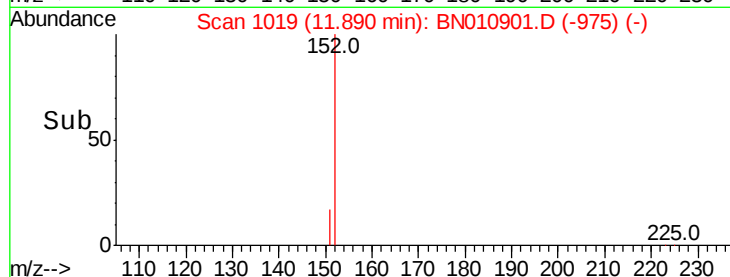
2000

1000

0

Time-->

11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 11.97 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

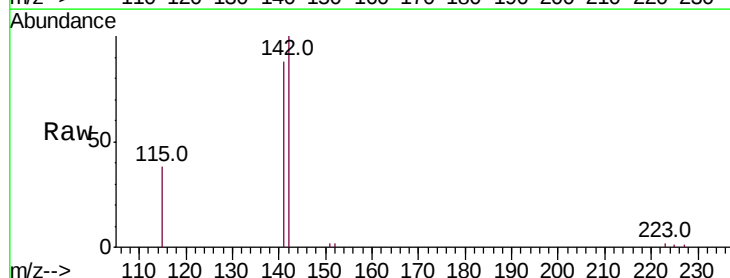
Tgt Ion:142 Resp: 7203

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2

115 37.5 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

5000

4000

3000

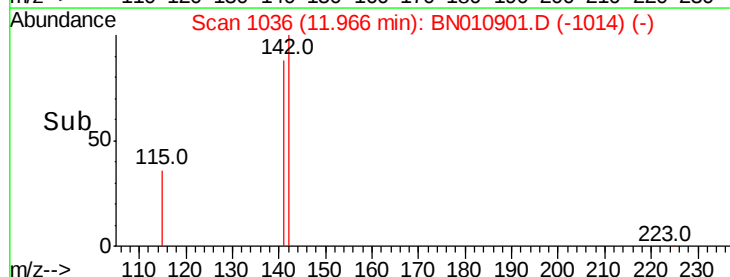
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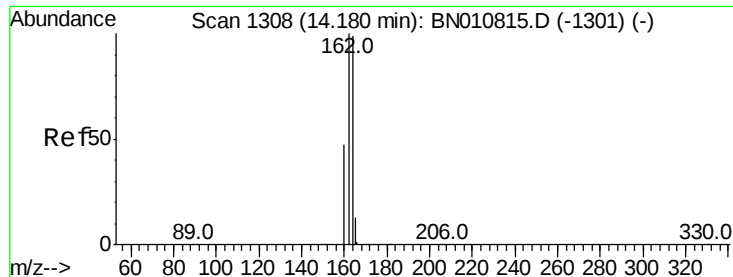
1000

0

Time-->

11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010901.D

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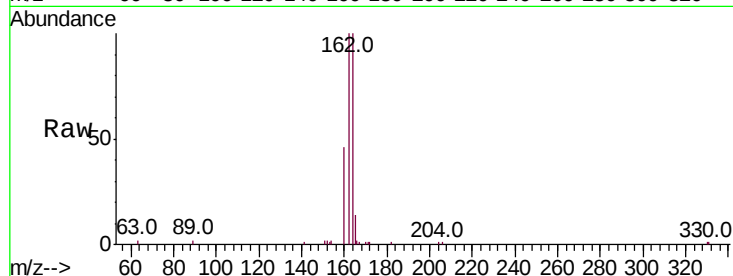
Tot Ion:164 Resp: 5623

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.6

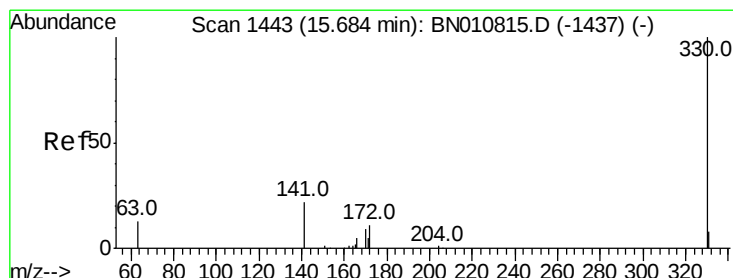
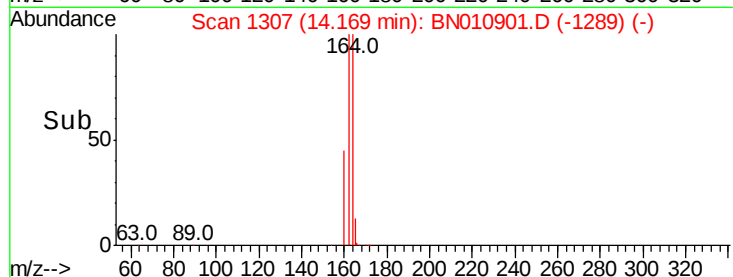
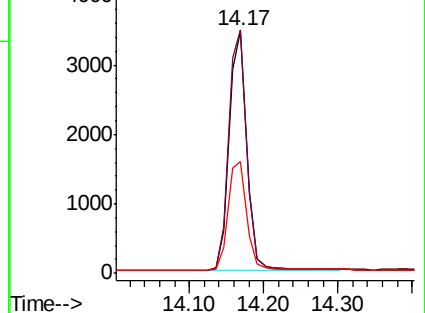
160 46.2 38.9 58.3



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: 0.393 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

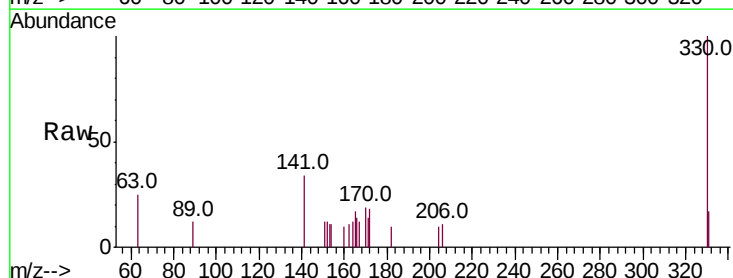
Tgt Ion:330 Resp: 790

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

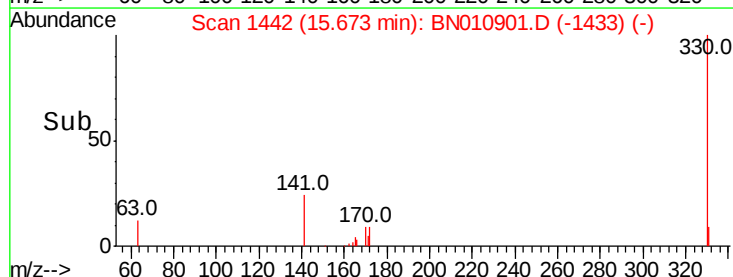
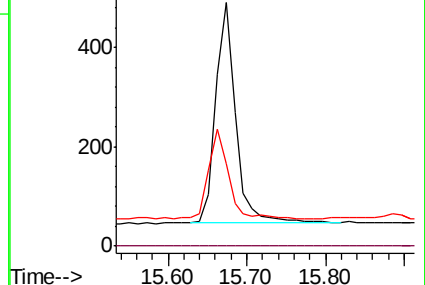
141 39.9 33.2 49.8

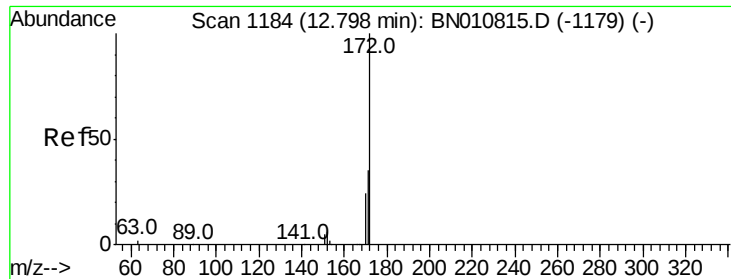


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

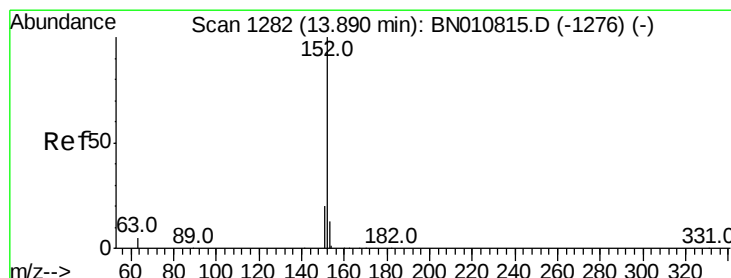
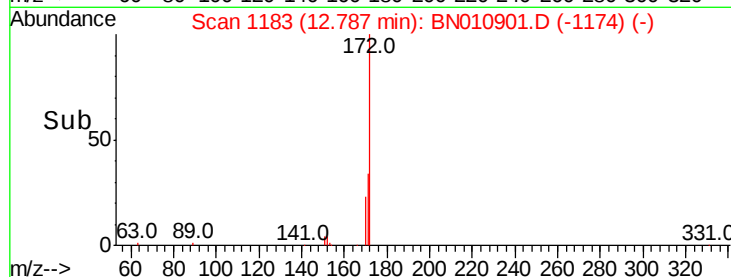
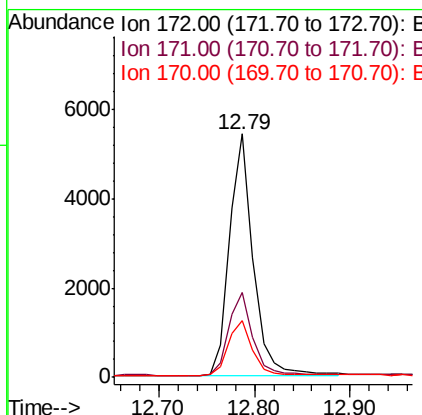
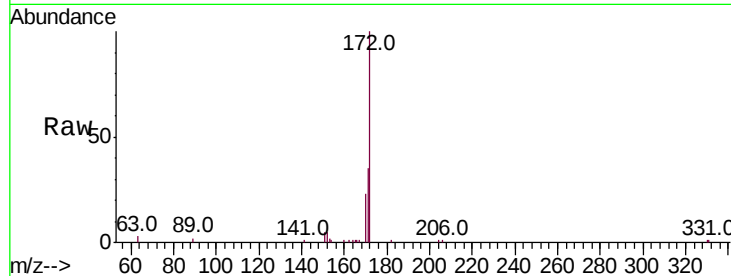




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

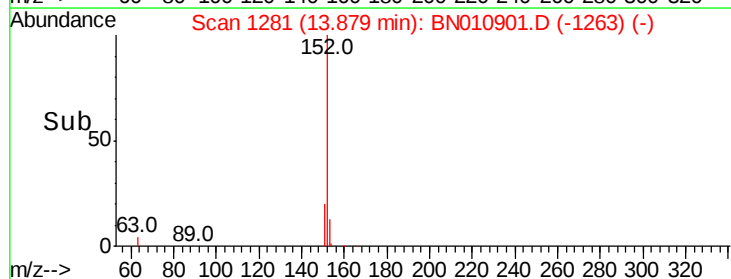
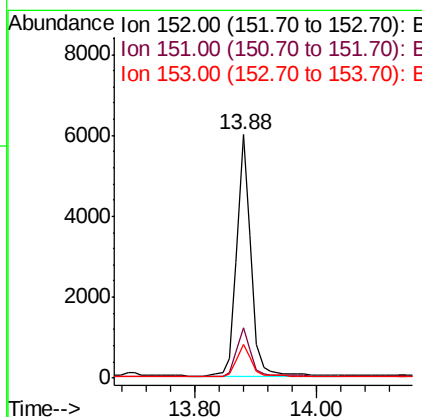
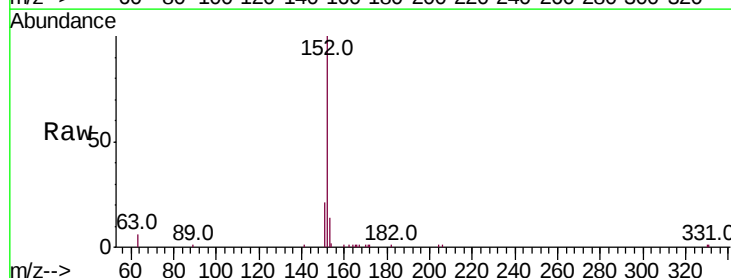
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

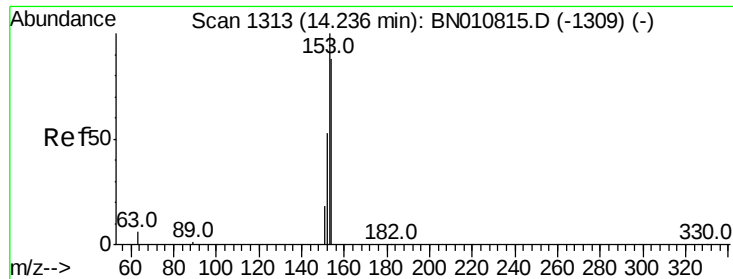
Tot Ion:172 Resp: 9329
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.4 19.7 29.5



#16
Acenaphthylene
Concen: 0.416 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:152 Resp: 9586
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.417 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

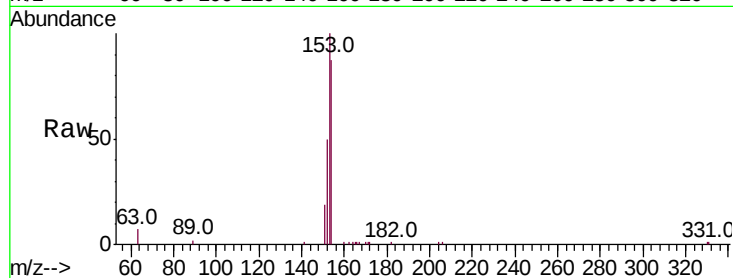
Tot Ion:154 Resp: 6554

Ion Ratio Lower Upper

154 100

153 114.6 91.8 137.6

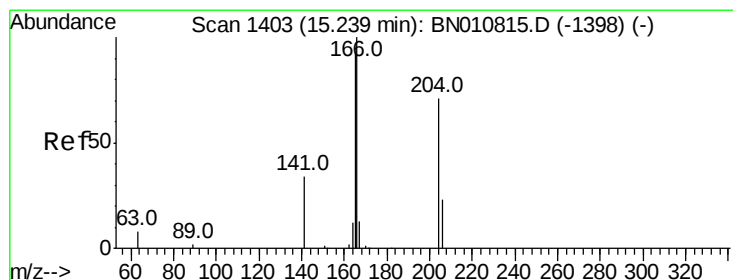
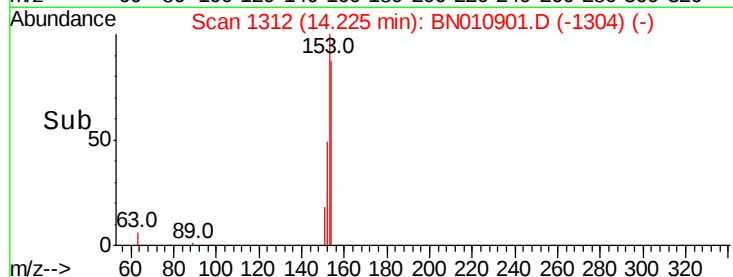
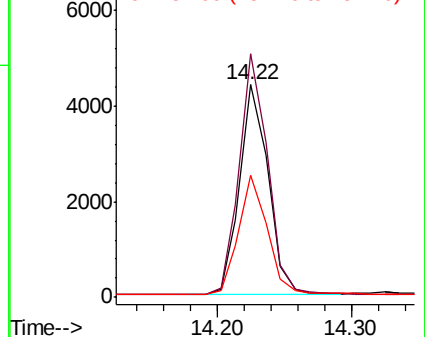
152 58.0 47.6 71.4



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: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

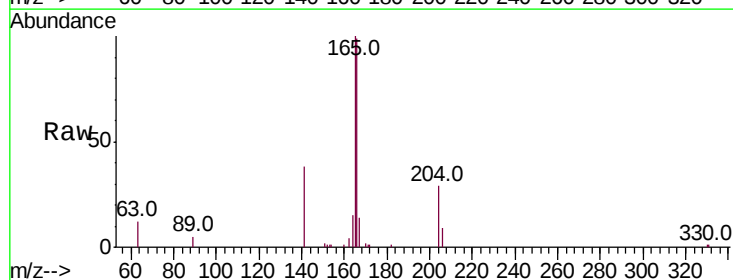
Tgt Ion:166 Resp: 8496

Ion Ratio Lower Upper

166 100

165 97.5 77.2 115.8

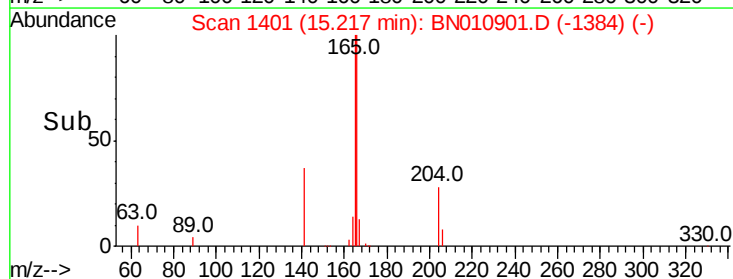
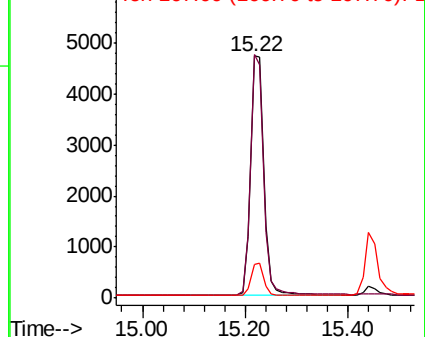
167 13.3 10.7 16.1

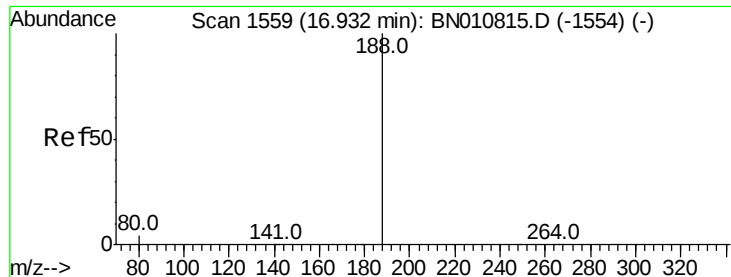


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

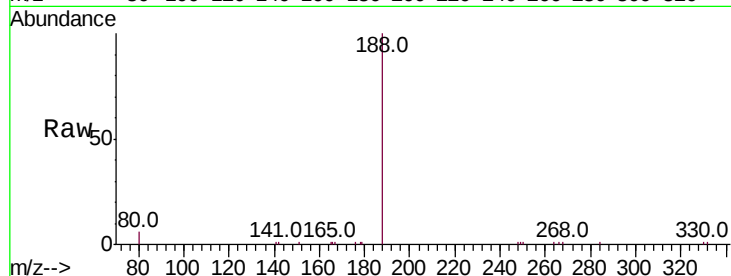
Tot Ion:188 Resp: 11359

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.2 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.92

8000

6000

4000

2000

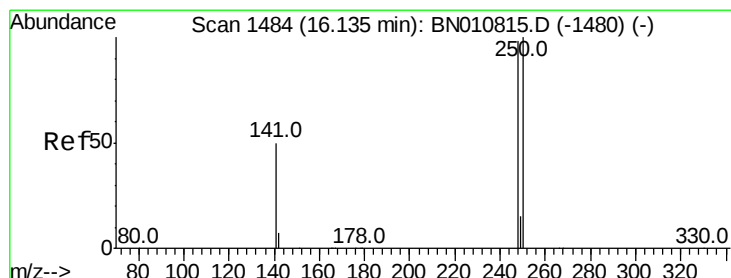
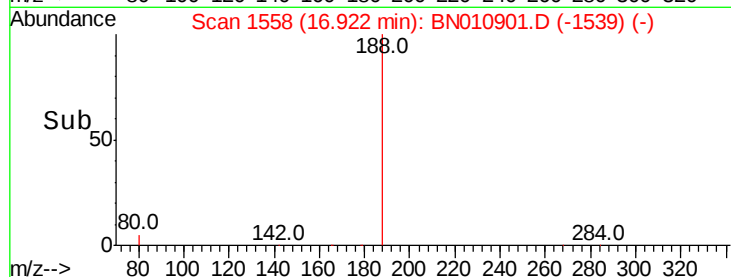
0

Time-->

16.80

16.90

17.00



#20

4-Bromophenyl-phenylether

Concen: 0.401 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

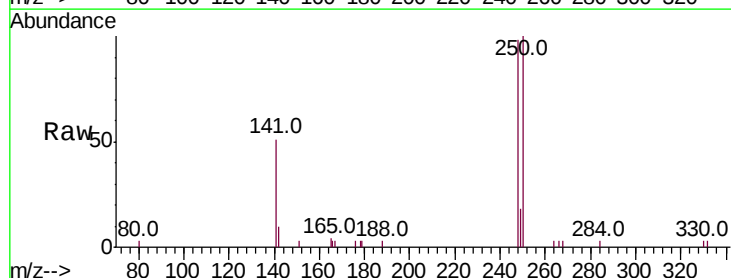
Tgt Ion:248 Resp: 2737

Ion Ratio Lower Upper

248 100

250 102.0 81.8 122.8

141 51.6 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

2500

2000

1500

1000

500

0

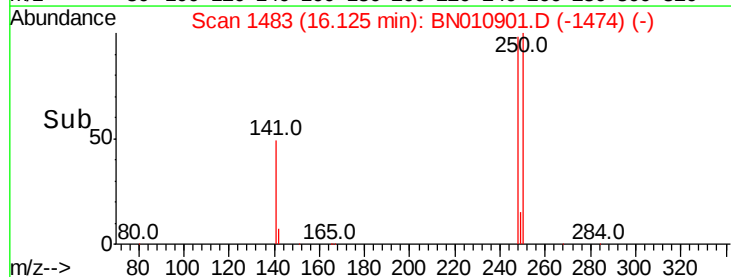
Time-->

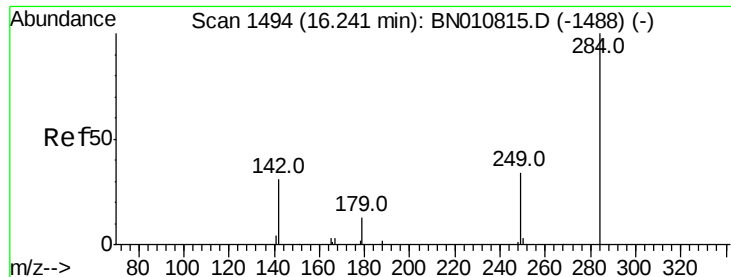
16.05

16.10

16.15

16.20





#21

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

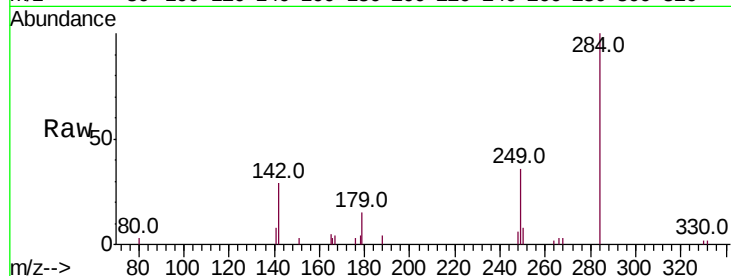
Tot Ion:284 Resp: 2971

Ion Ratio Lower Upper

284 100

142 36.4 31.0 46.4

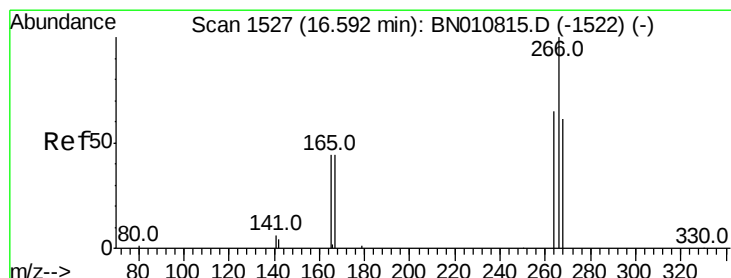
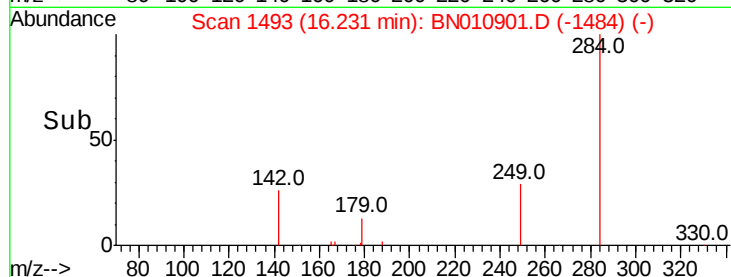
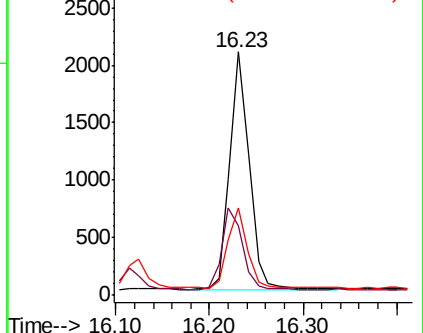
249 33.9 27.1 40.7



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: 0.403 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

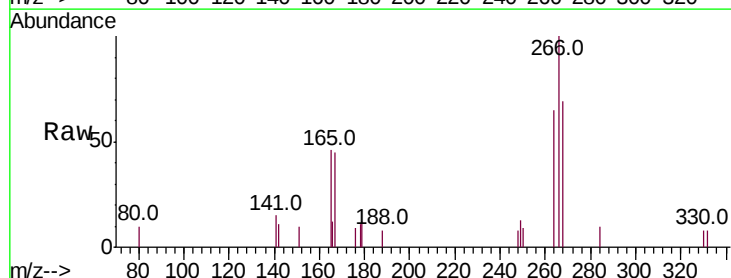
Tgt Ion:266 Resp: 964

Ion Ratio Lower Upper

266 100

264 64.9 54.8 82.2

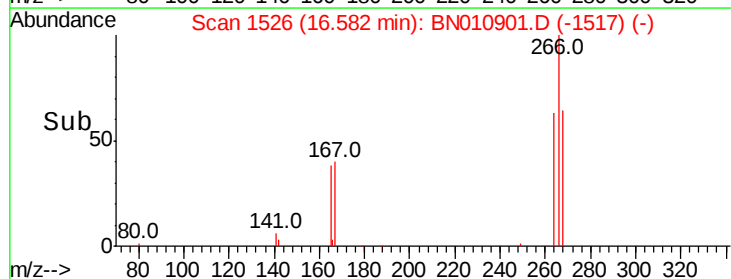
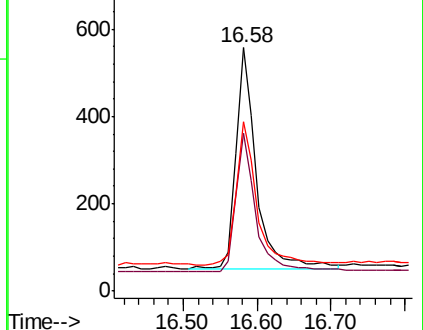
268 69.4 55.9 83.9

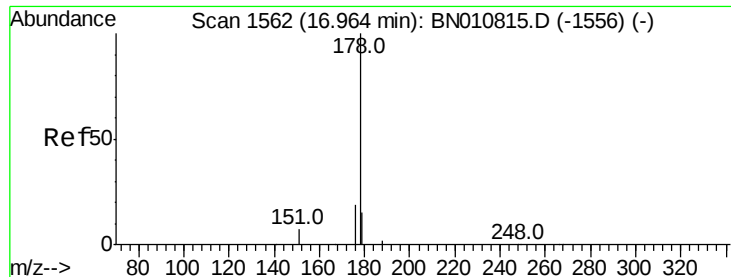


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.426 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

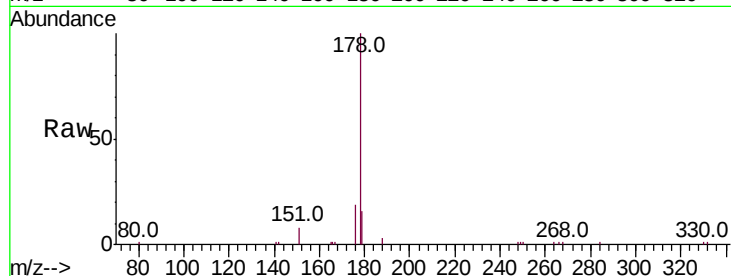
Tot Ion:178 Resp: 13229

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

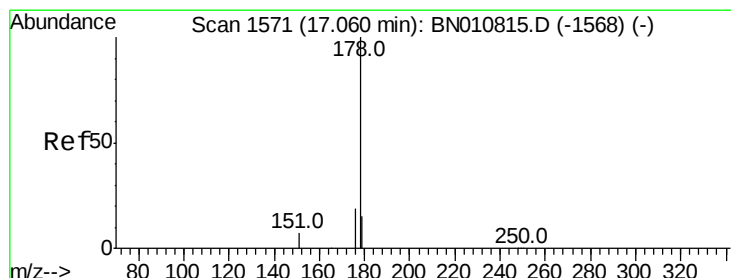
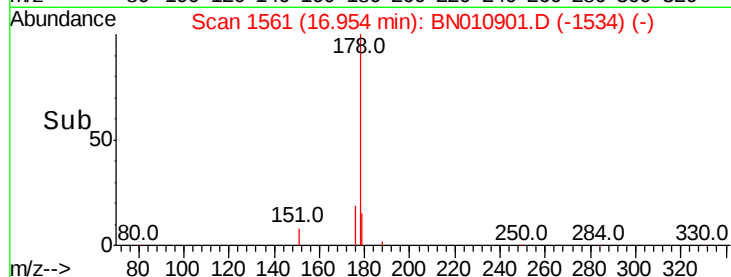
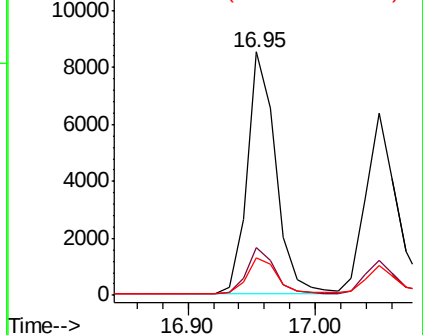
179 15.5 12.6 19.0



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: 0.419 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

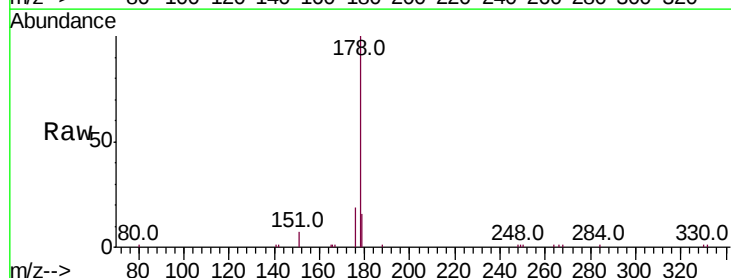
Tgt Ion:178 Resp: 10865

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

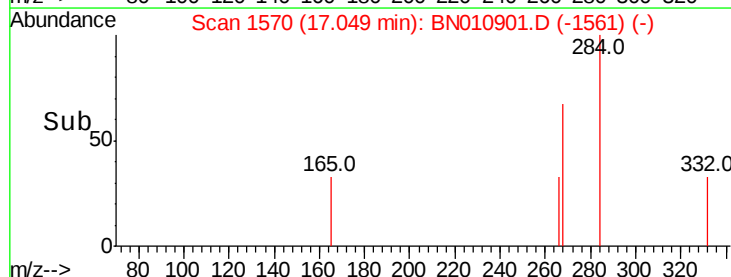
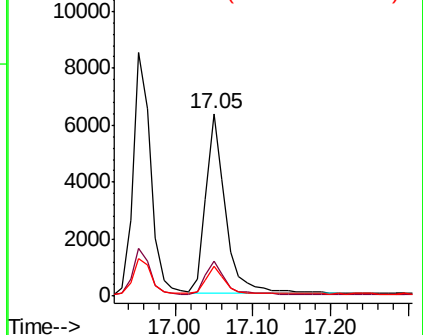
179 15.4 12.3 18.5

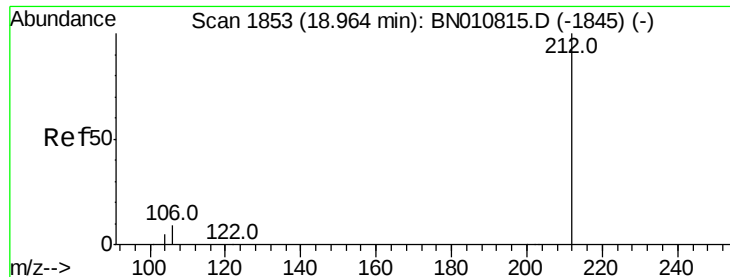


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.426 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

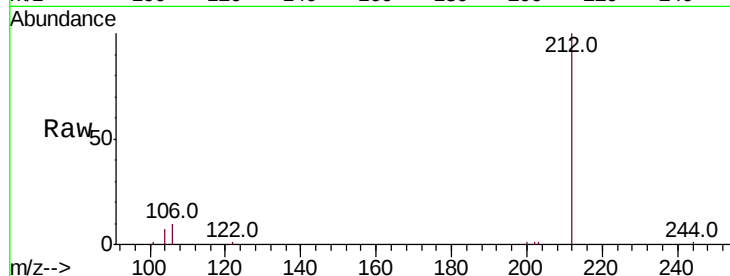
Tot Ion:212 Resp: 13361

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

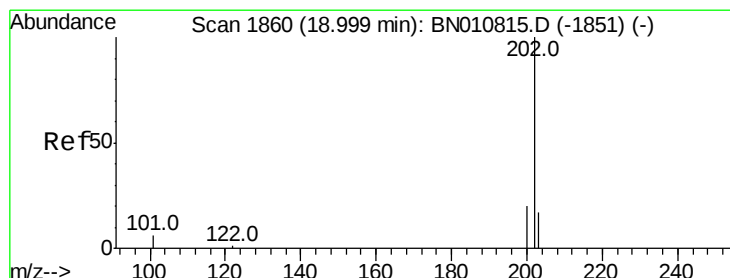
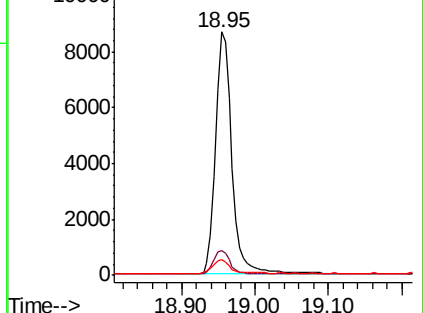
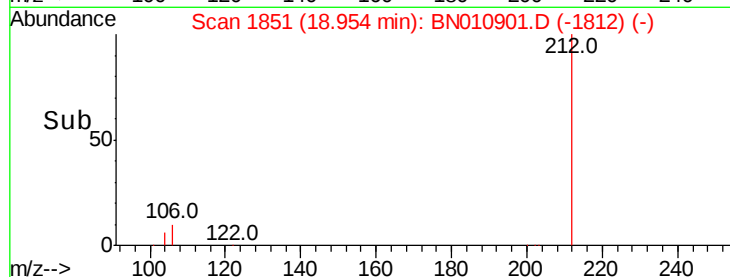
104 5.6 4.0 6.0



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: 0.424 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

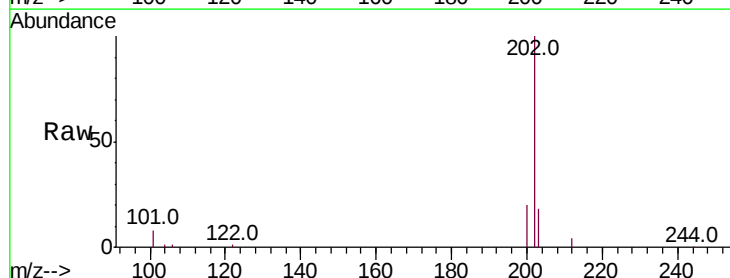
Tgt Ion:202 Resp: 14941

Ion Ratio Lower Upper

202 100

101 8.7 5.8 8.6#

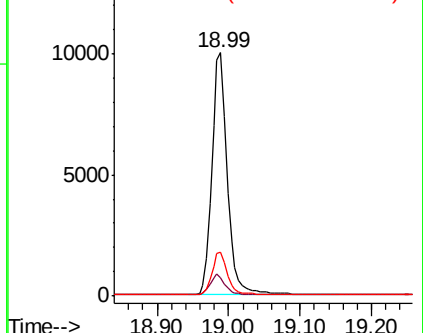
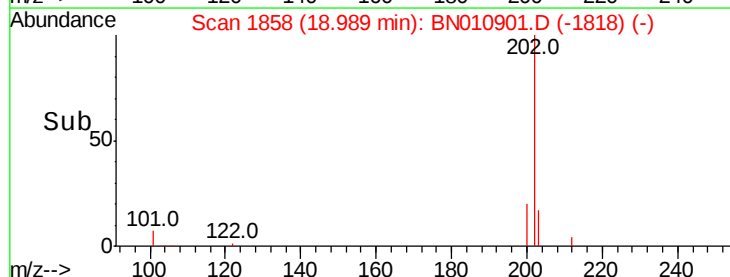
203 17.1 13.7 20.5

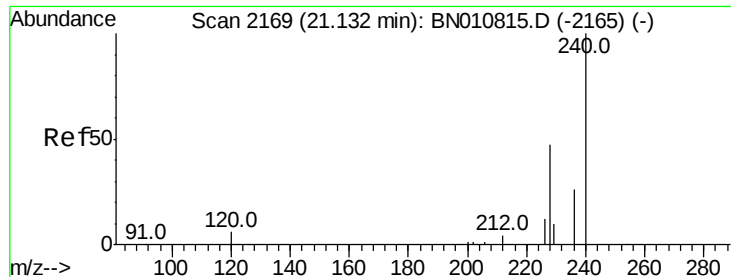


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

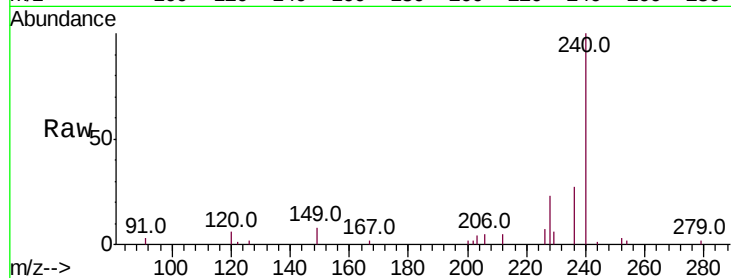




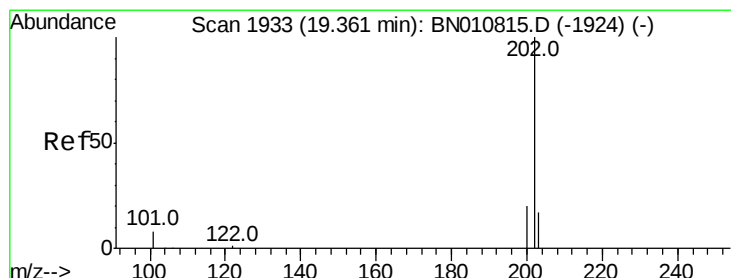
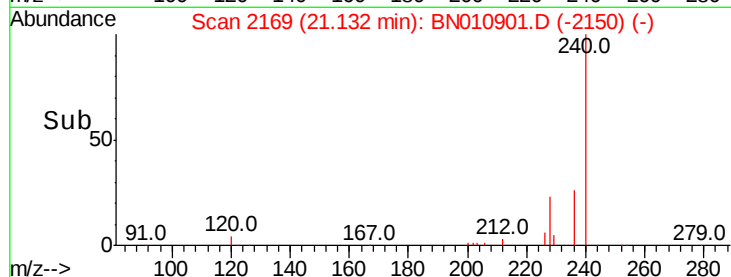
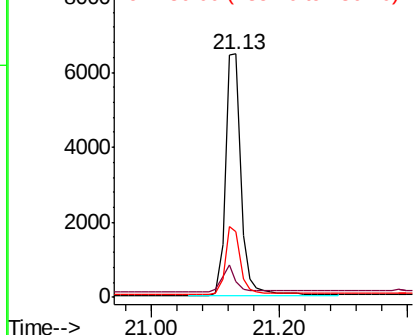
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN010901.D
 Acq: 16 Jun 2020 10:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:240 Resp: 10913
 Ion Ratio Lower Upper
 240 100
 120 6.5 7.5 11.3#
 236 26.8 22.3 33.5

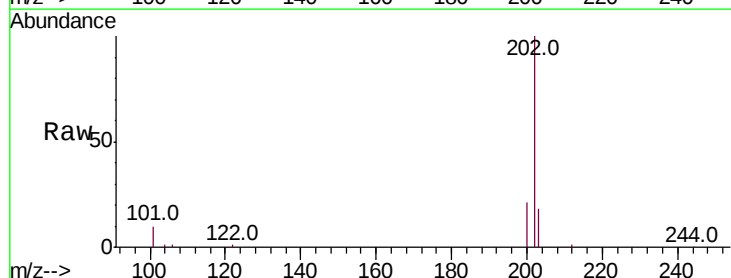


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

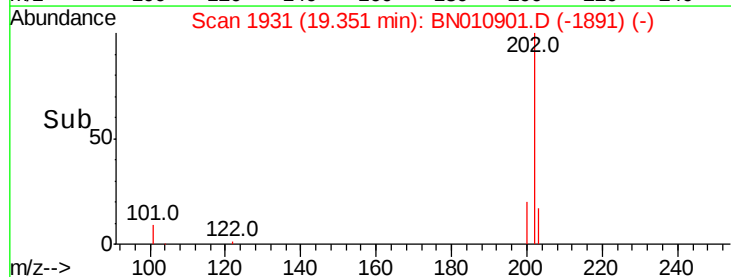
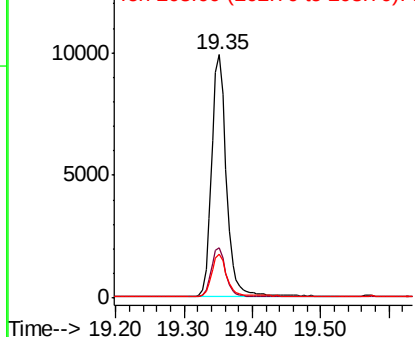


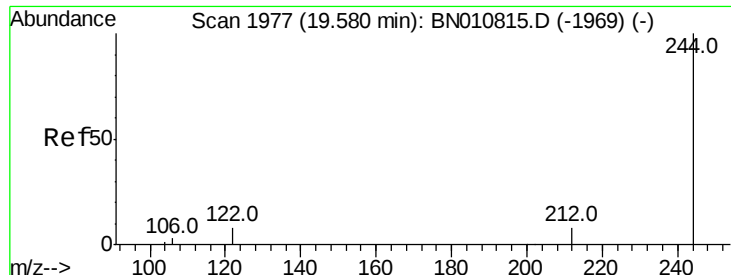
#28
 Pyrene
 Concen: 0.415 ng
 RT: 19.35 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BN010901.D
 Acq: 16 Jun 2020 10:59

Tgt Ion:202 Resp: 14991
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.4 24.6
 203 17.3 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: 0.414 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

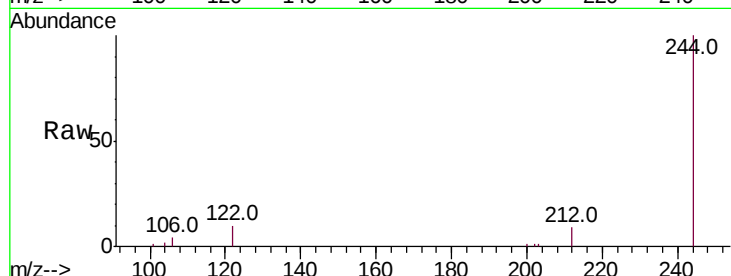
Tot Ion:244 Resp: 10587

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

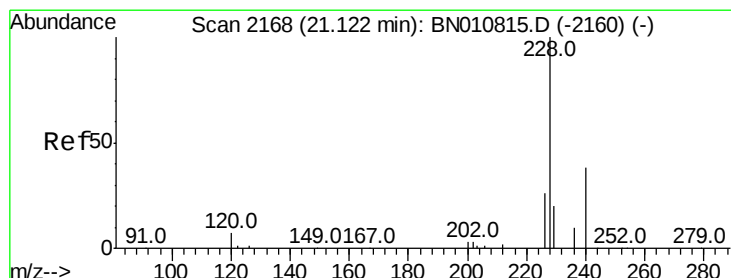
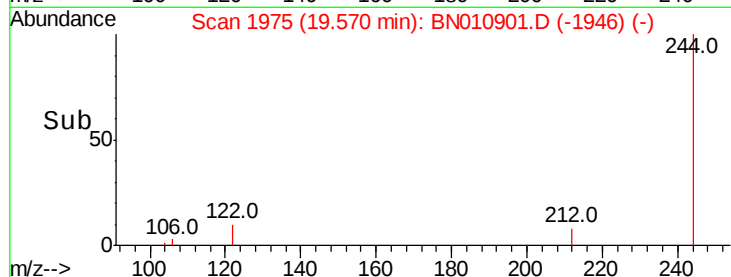
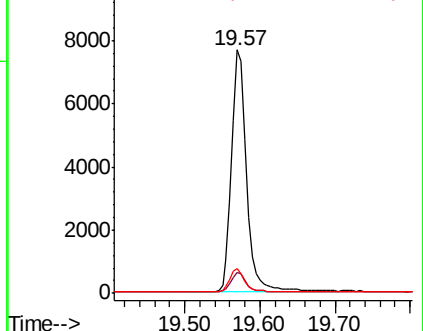
122 10.3 7.5 11.3



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: 0.436 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

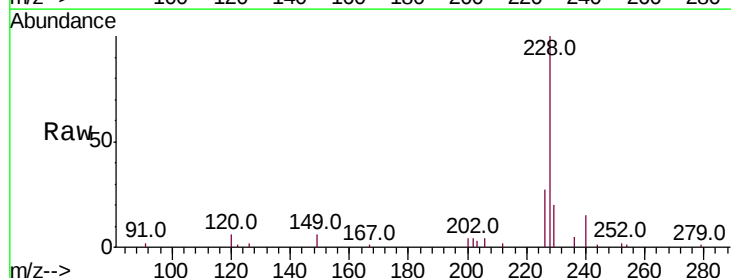
Tgt Ion:228 Resp: 13977

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

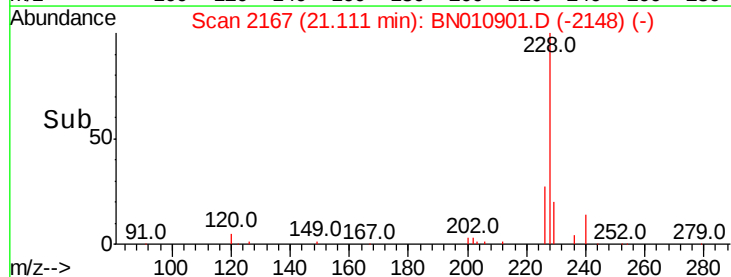
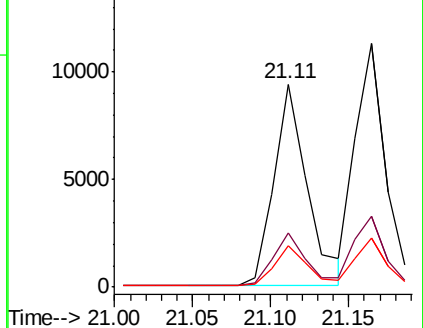
229 20.2 16.6 24.8

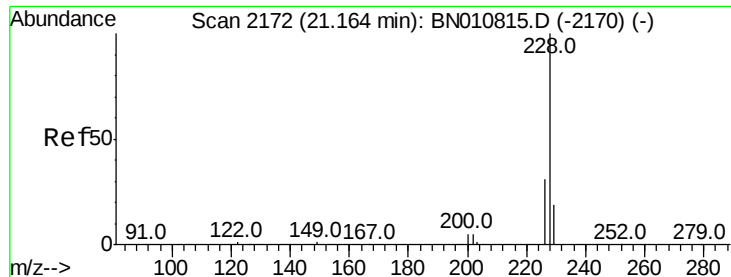


Abundance Ion 228.00 (227.70 to 228.70): E

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: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

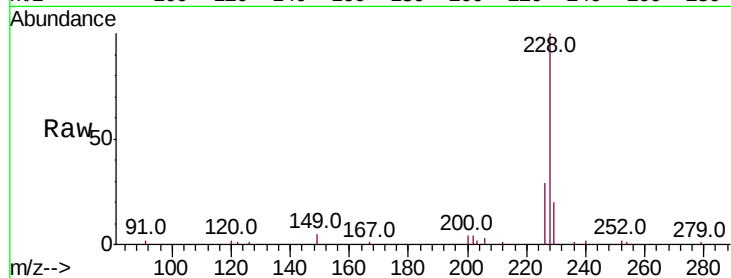
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 15257

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	20.2	16.1	24.1

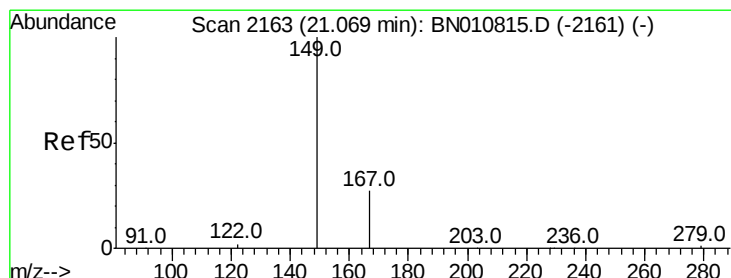
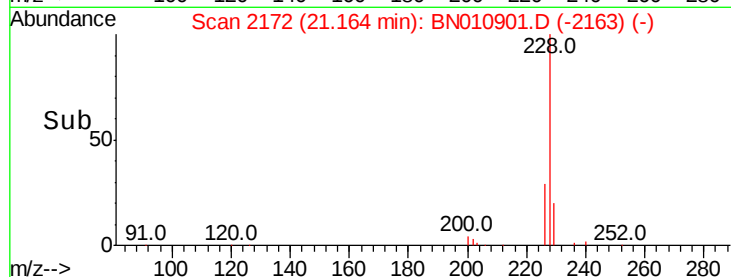
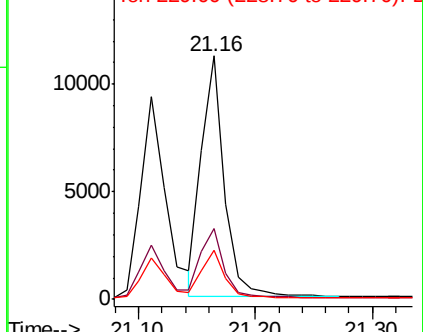


Abundance

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: 0.469 ng

RT: 21.07 min Scan# 2163

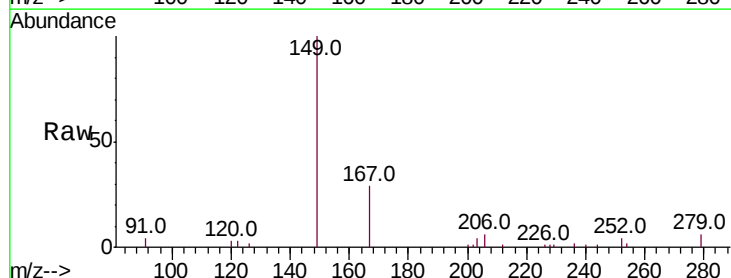
Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Tgt Ion:149 Resp: 5012

Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.1	36.1
279	4.7	4.6	7.0

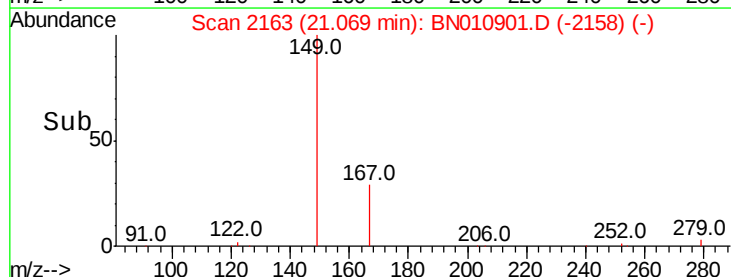
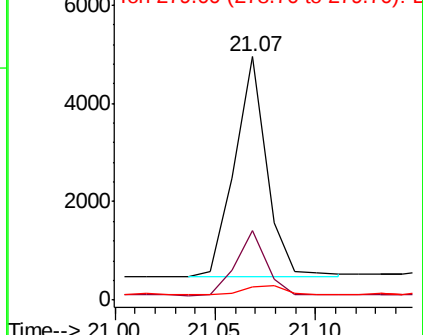


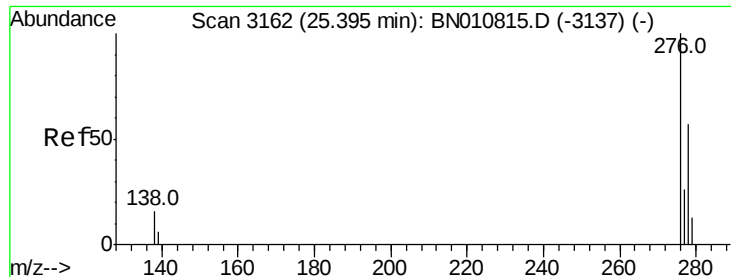
Abundance

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: 0.453 ng

RT: 25.38 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

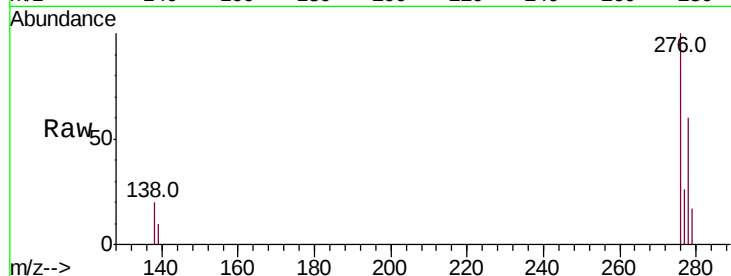
Tot Ion:276 Resp: 18943

Ion Ratio Lower Upper

276 100

138 21.2 13.0 19.6#

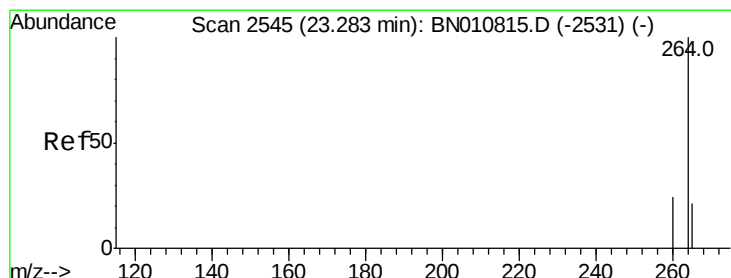
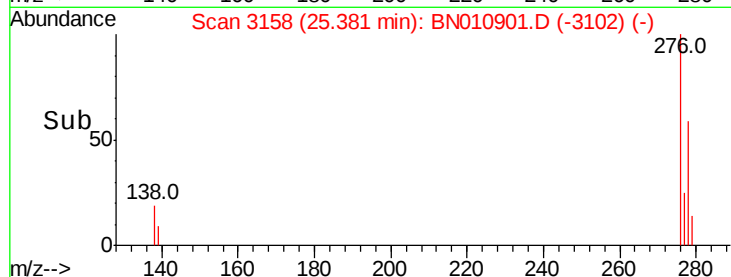
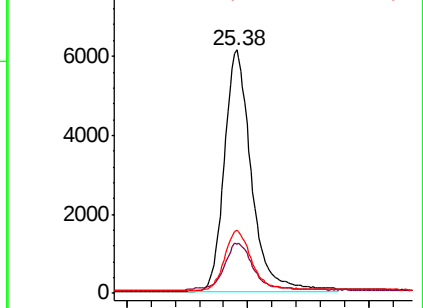
277 24.7 19.7 29.5



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: 23.28 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

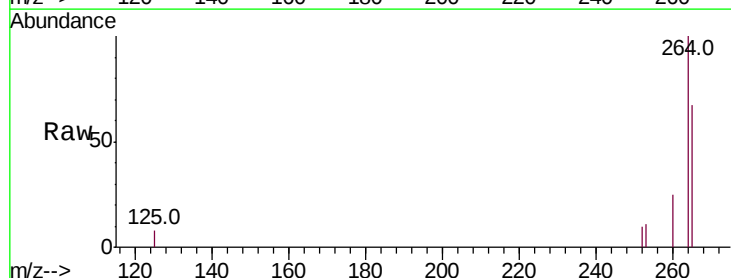
Tgt Ion:264 Resp: 11733

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

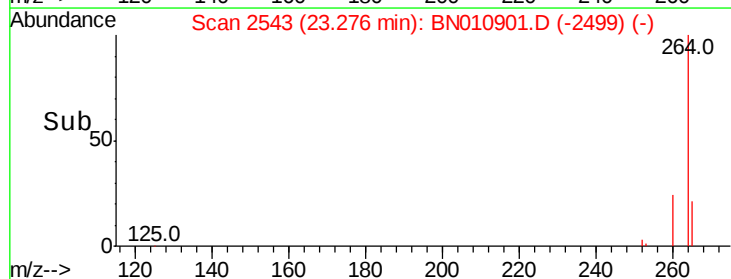
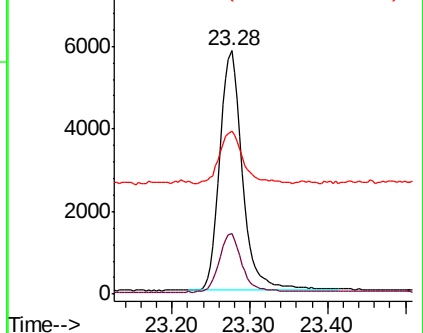
265 66.8 75.0 112.4#

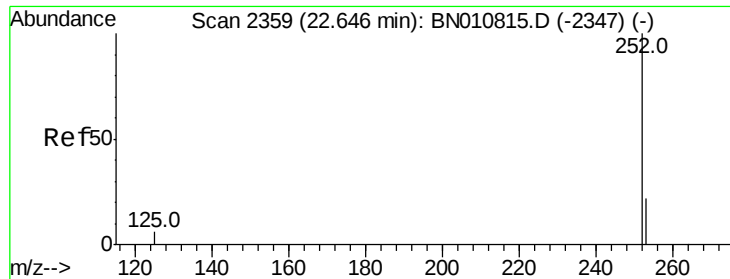


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.385 ng

RT: 22.64 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

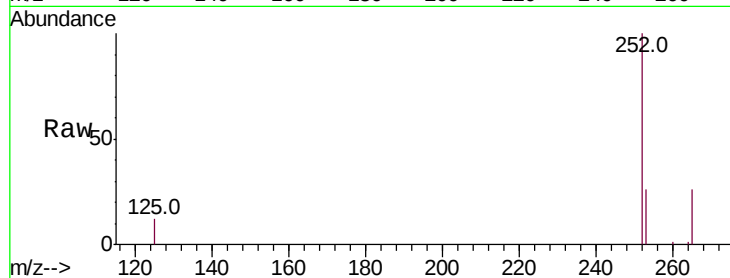
Tot Ion:252 Resp: 15352

Ion Ratio Lower Upper

252 100

253 26.1 22.4 33.6

125 11.7 9.4 14.0

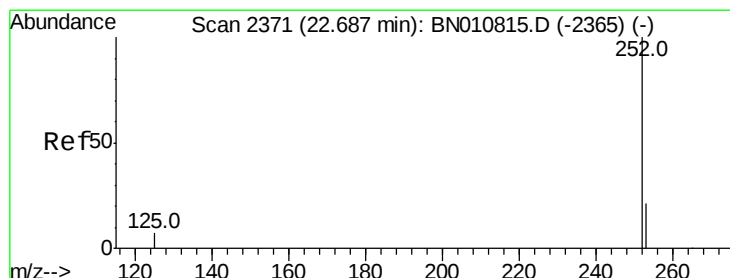
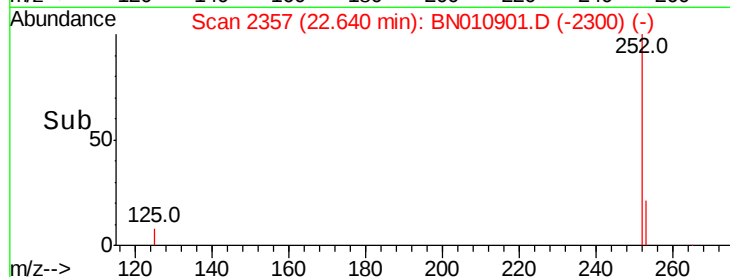
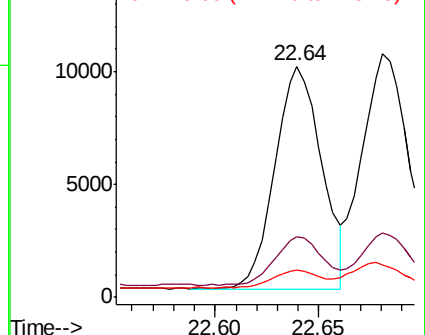


Abundance

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: 0.405 ng

RT: 22.68 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

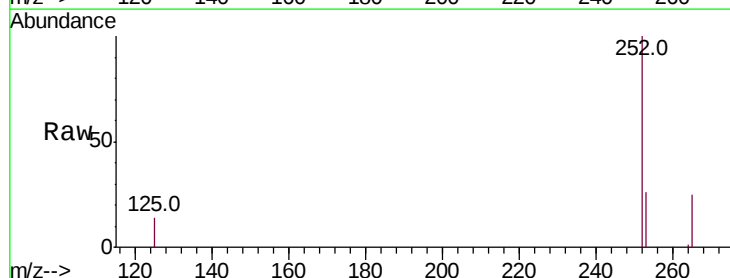
Tgt Ion:252 Resp: 17197

Ion Ratio Lower Upper

252 100

253 26.4 22.2 33.4

125 13.6 9.8 14.8

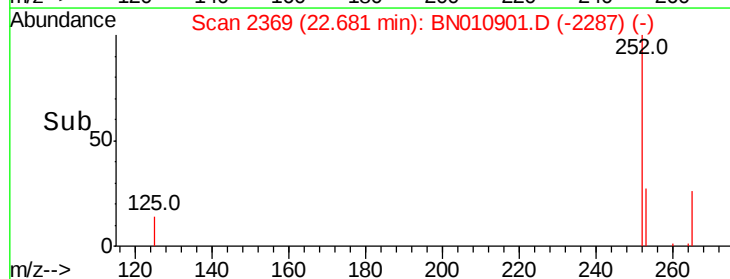
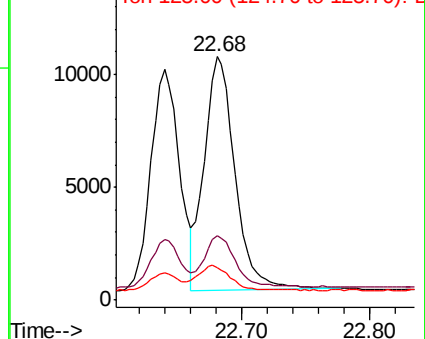


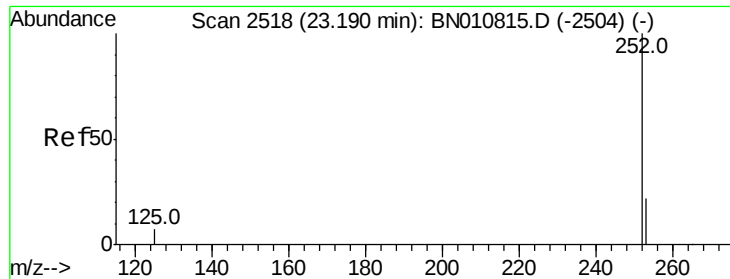
Abundance

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: 0.397 ng

RT: 23.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

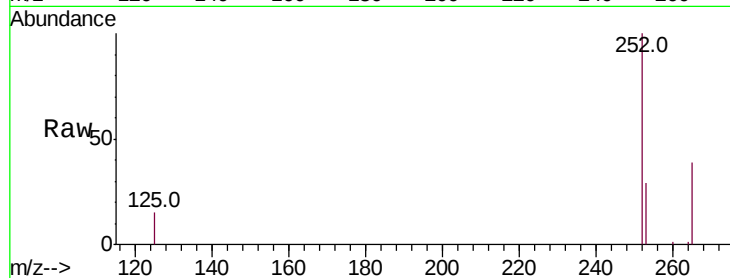
Tot Ion:252 Resp: 13571

Ion Ratio Lower Upper

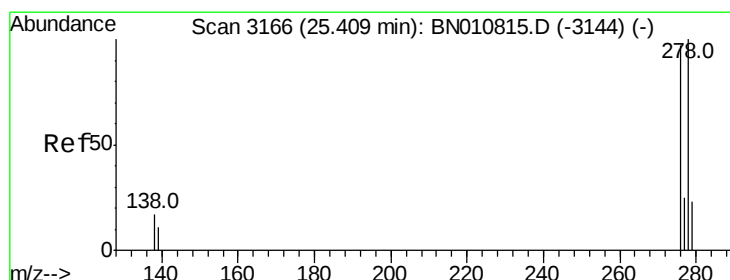
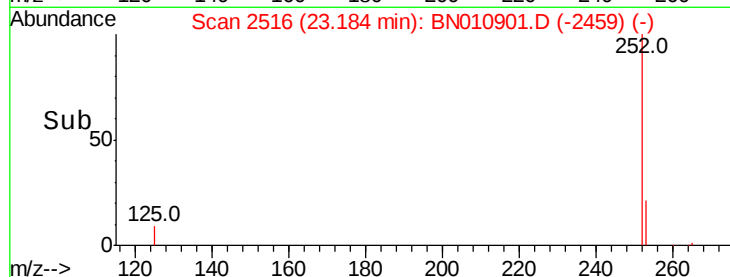
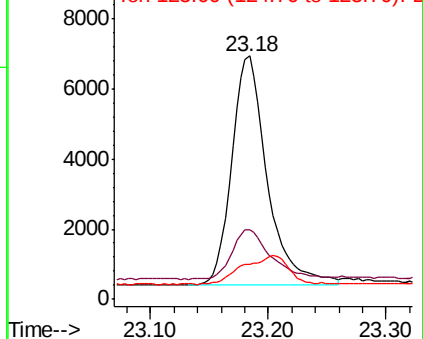
252 100

253 28.6 25.8 38.8

125 14.6 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: 0.391 ng

RT: 25.40 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

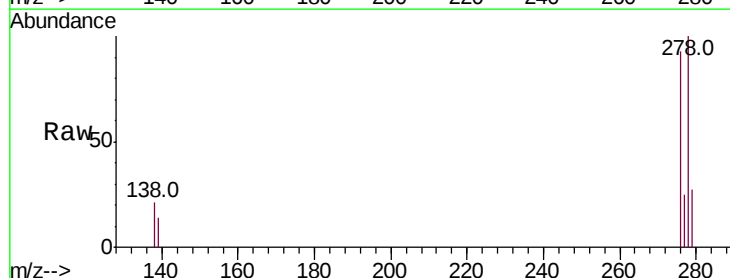
Tgt Ion:278 Resp: 15249

Ion Ratio Lower Upper

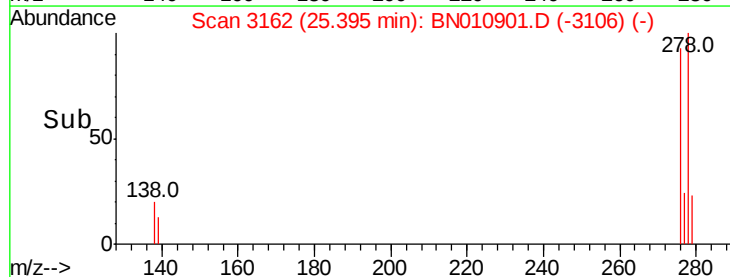
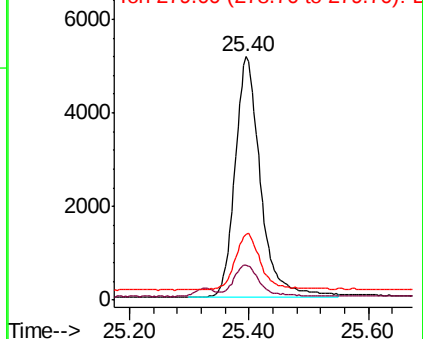
278 100

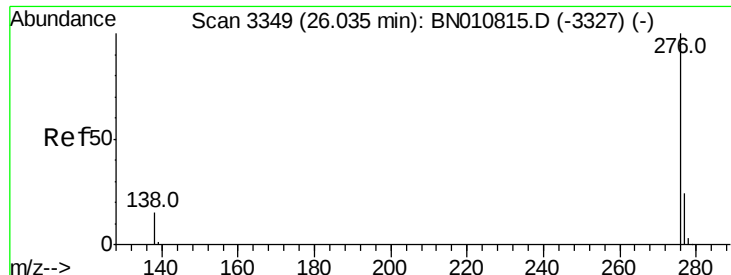
139 14.3 10.6 15.8

279 26.8 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: 0.387 ng

RT: 26.02 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BN010901.D

Acq: 16 Jun 2020 10:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

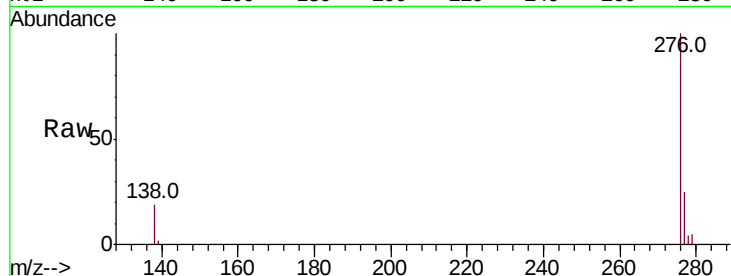
Tot Ion:276 Resp: 15779

Ion Ratio Lower Upper

276 100

277 25.2 20.5 30.7

138 19.0 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

