

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061120\
 Data File : BN010834.D
 Acq On : 11 Jun 2020 11:33
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 11 12:53:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3097	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11278	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	6257	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	12824	0.40	ng	0.00
27) Chrysene-d12	21.13	240	11995	0.40	ng	0.00
34) Perylene-d12	23.28	264	12769	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3012	0.50	ng	0.00
5) Phenol-d6	6.75	99	3571	0.51	ng	0.00
8) Nitrobenzene-d5	8.69	82	3405	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	7434	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	892	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	10121	0.41	ng	0.00
25) Fluoranthene-d10	18.97	212	14909	0.42	ng	0.00
29) Terphenyl-d14	19.58	244	11510	0.41	ng	0.00

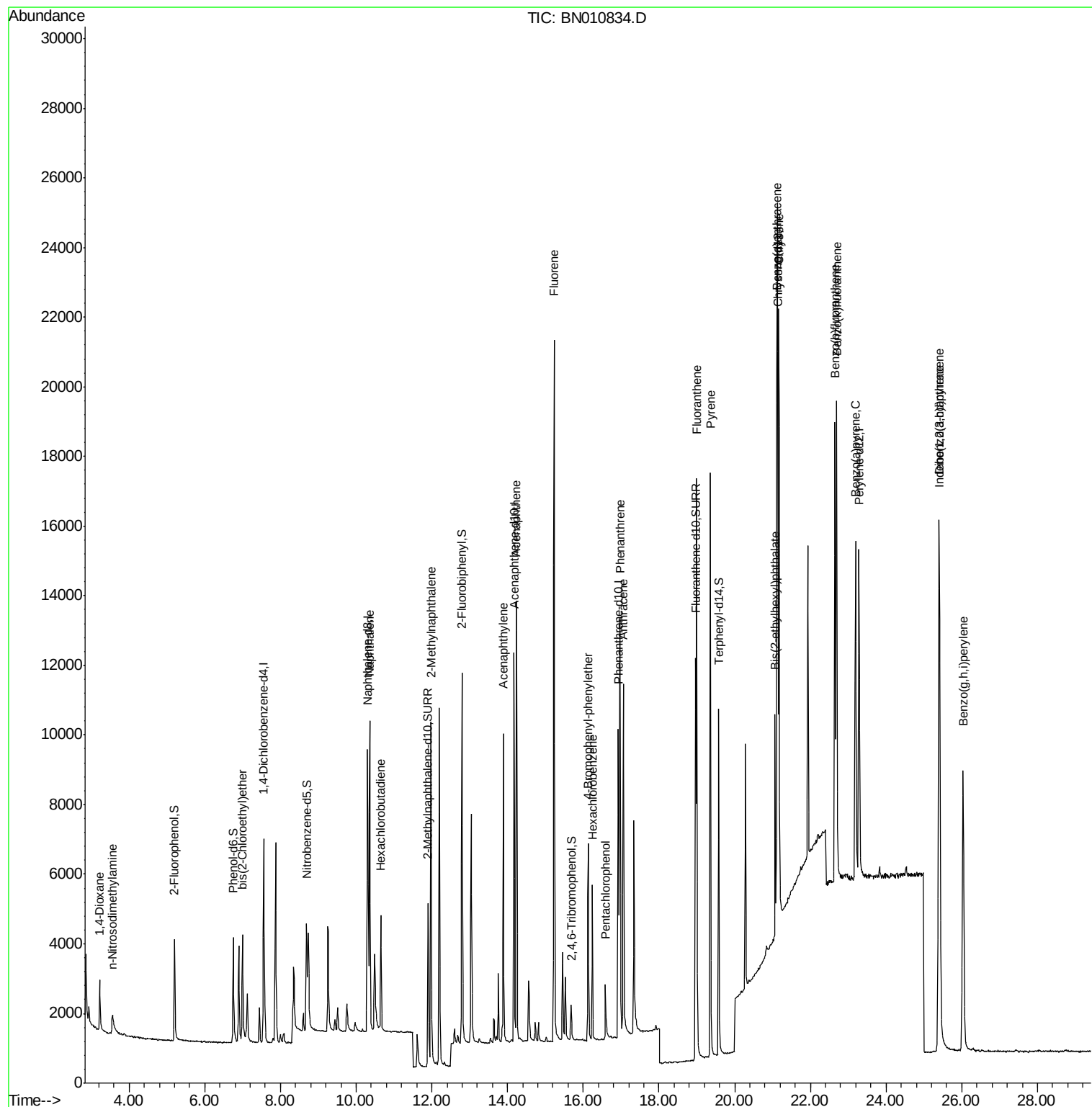
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1254	0.413	ng	97
3) n-Nitrosodimethylamine	3.55	42	651	0.369	ng	# 91
6) bis(2-Chloroethyl)ether	7.00	93	3362	0.490	ng	92
9) Naphthalene	10.35	128	12068	0.426	ng	98
10) Hexachlorobutadiene	10.65	225	2737	0.391	ng	# 98
12) 2-Methylnaphthalene	11.97	142	8139	0.429	ng	98
16) Acenaphthylene	13.89	152	10765	0.420	ng	99
17) Acenaphthene	14.23	154	7232	0.414	ng	98
18) Fluorene	15.23	166	9173	0.407	ng	99
20) 4-Bromophenyl-phenylether	16.13	248	2958	0.384	ng	96
21) Hexachlorobenzene	16.24	284	3275	0.407	ng	97
22) Pentachlorophenol	16.59	266	1038	0.385	ng	98
23) Phenanthrene	16.97	178	14464	0.413	ng	99
24) Anthracene	17.06	178	12286	0.420	ng	100
26) Fluoranthene	19.00	202	16403	0.413	ng	# 99
28) Pyrene	19.36	202	16621	0.419	ng	100
30) Benzo(a)anthracene	21.12	228	15521	0.440	ng	99
31) Chrysene	21.17	228	16684	0.406	ng	100
32) Bis(2-ethylhexyl)phthalate	21.07	149	6623	0.563	ng	96
33) Indeno(1,2,3-cd)pyrene	25.40	276	19582	0.426	ng	# 96
35) Benzo(b)fluoranthene	22.65	252	16934	0.390	ng	97
36) Benzo(k)fluoranthene	22.69	252	17091	0.369	ng	99
37) Benzo(a)pyrene	23.19	252	15200	0.408	ng	97
38) Dibenzo(a,h)anthracene	25.41	278	15814	0.372	ng	# 96
39) Benzo(g,h,i)perylene	26.03	276	16384	0.369	ng	96

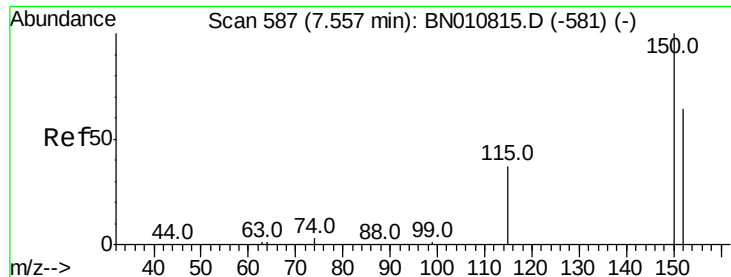
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061120\
Data File : BN010834.D
Acq On : 11 Jun 2020 11:33
Operator : CG/JU
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 11 12:53:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 587

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

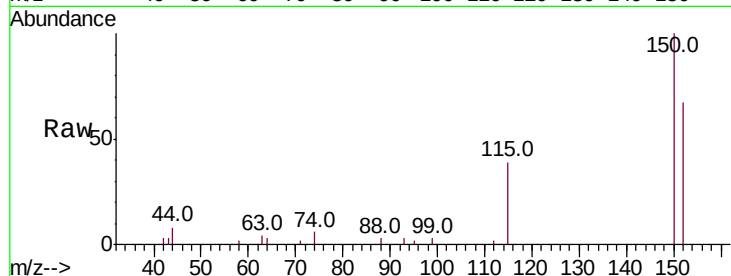
Tot Ion:152 Resp: 3097

Ion Ratio Lower Upper

152 100

150 149.7 123.8 185.6

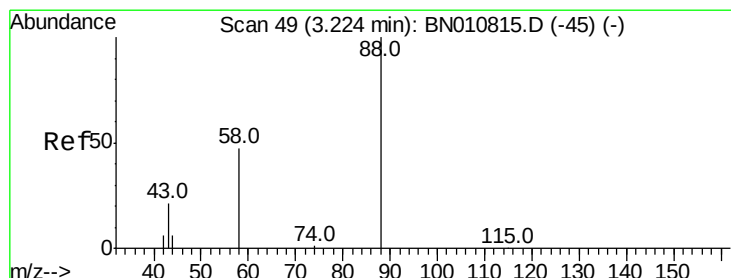
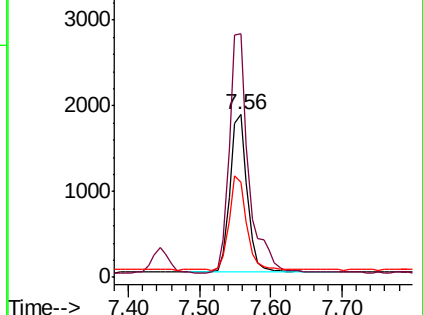
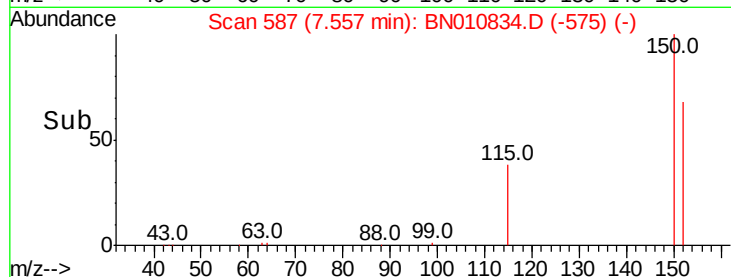
115 58.3 49.2 73.8



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: 0.413 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

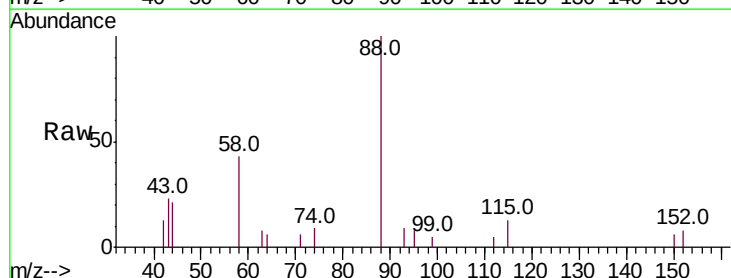
Tgt Ion: 88 Resp: 1254

Ion Ratio Lower Upper

88 100

58 49.3 38.2 57.4

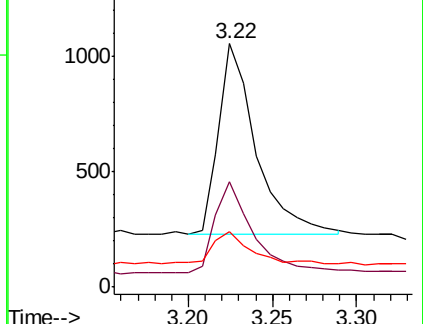
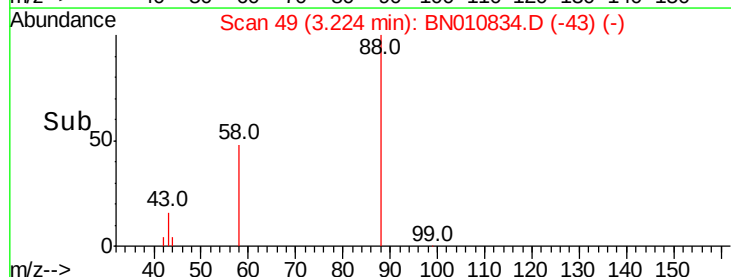
43 16.2 15.1 22.7

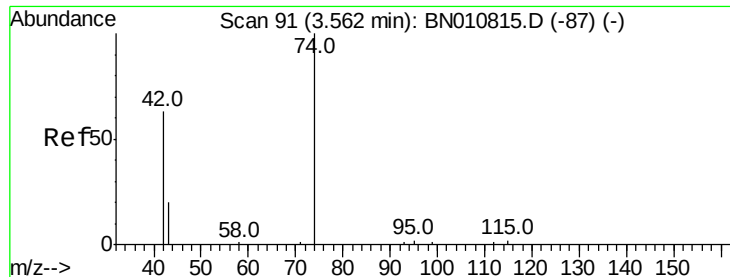


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



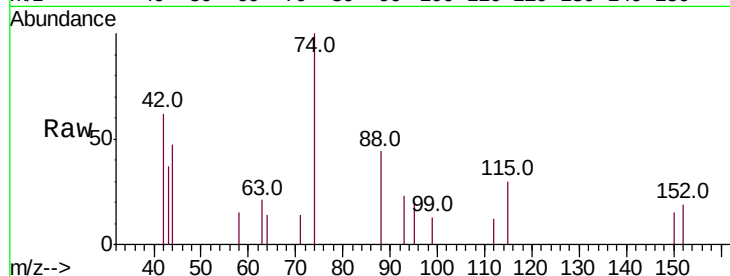


#3

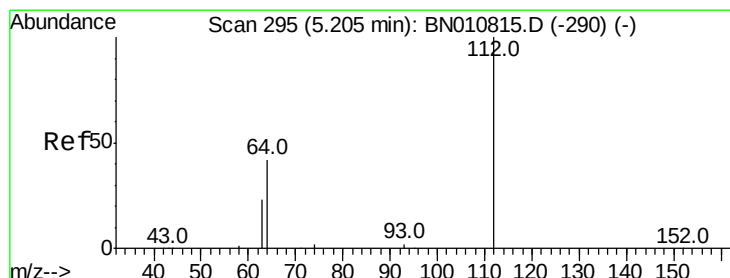
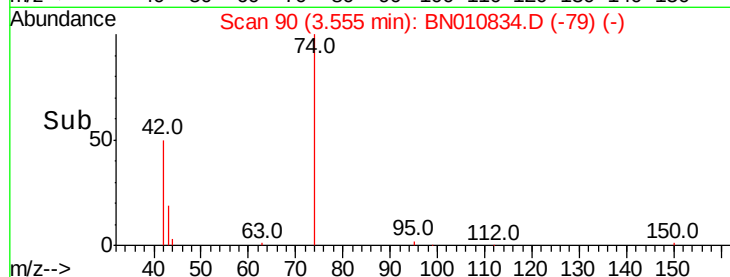
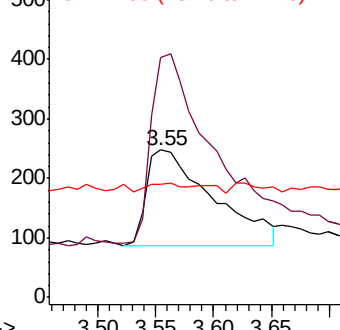
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.01 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion: 42 Resp: 651
Ion Ratio Lower Upper
42 100
74 188.2 140.7 211.1
44 4.8 1.4 2.2#



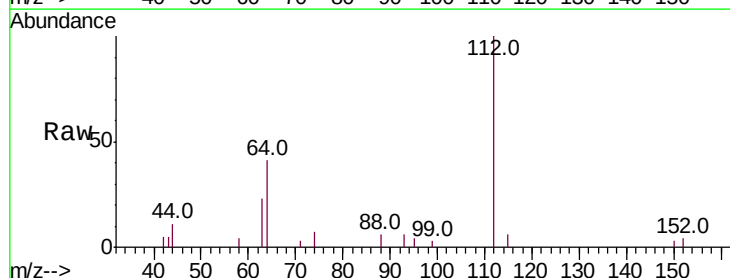
Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



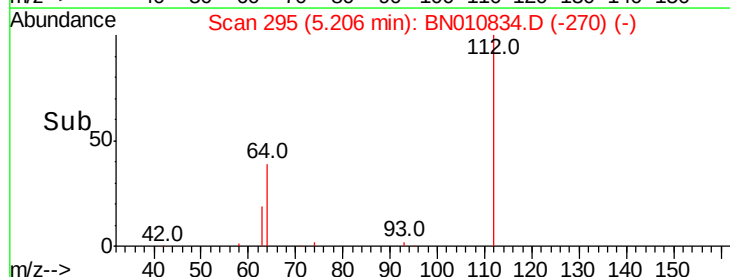
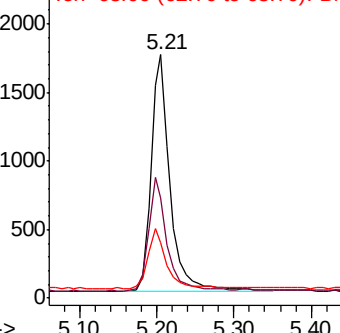
#4

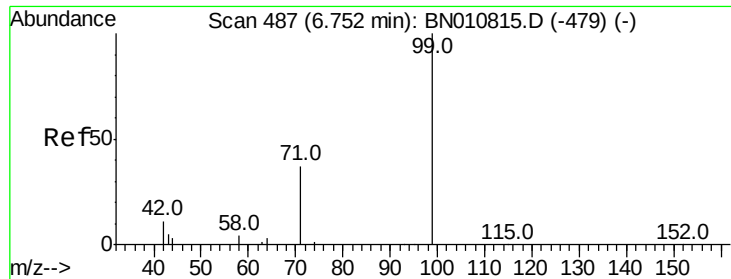
2-Fluorophenol
Concen: 0.504 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:112 Resp: 3012
Ion Ratio Lower Upper
112 100
64 45.9 37.4 56.0
63 24.5 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: 0.507 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

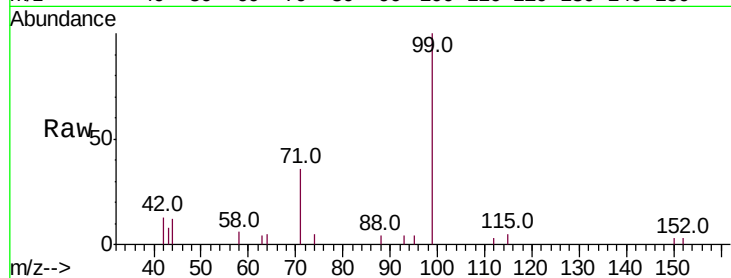
Tot Ion: 99 Resp: 3571

Ion Ratio Lower Upper

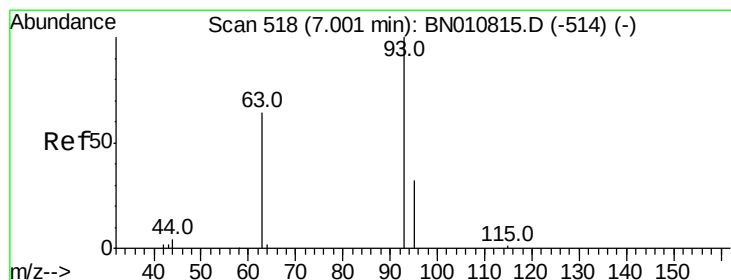
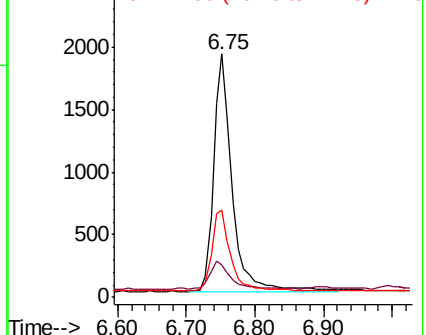
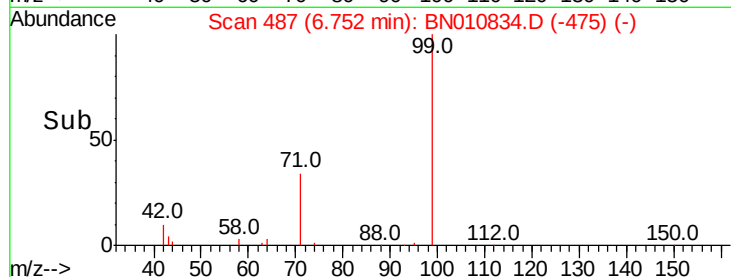
99 100

42 12.8 11.1 16.7

71 35.6 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010834.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.490 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

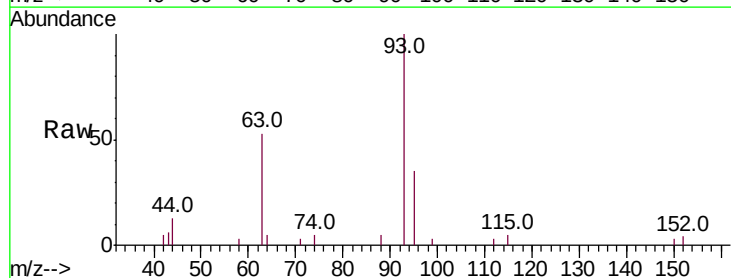
Tgt Ion: 93 Resp: 3362

Ion Ratio Lower Upper

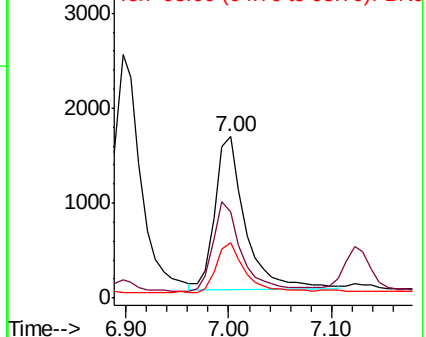
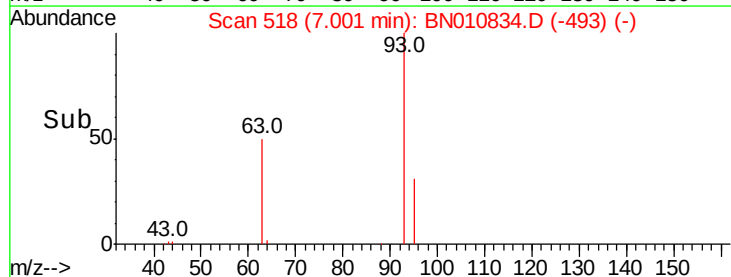
93 100

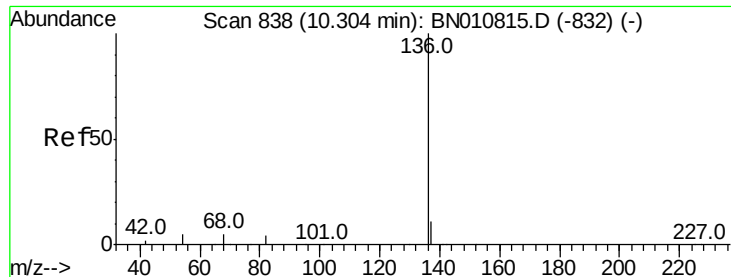
63 54.3 49.4 74.2

95 31.1 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010834.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 11278

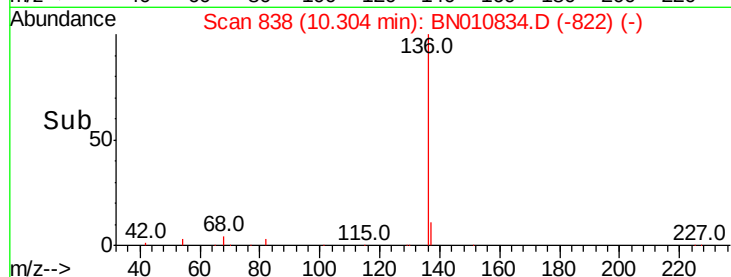
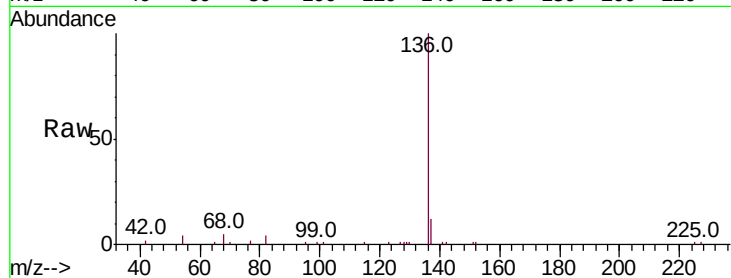
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.2 4.9 7.3#

68 5.0 4.7 7.1

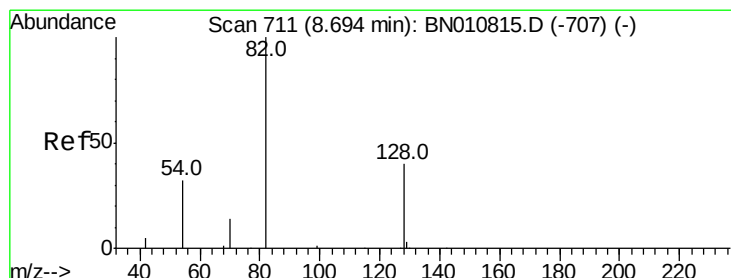
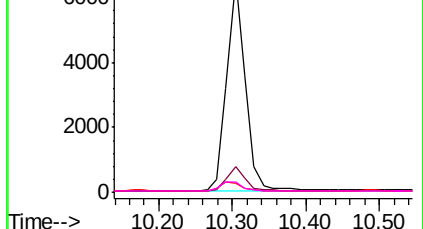


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.408 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

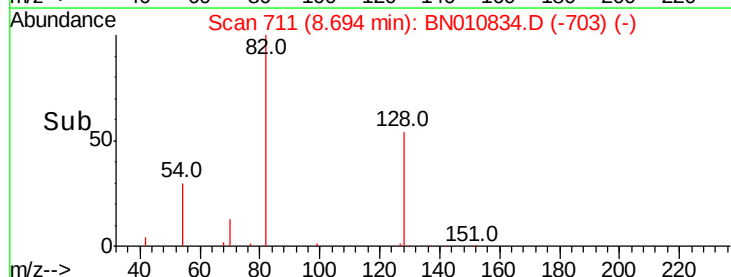
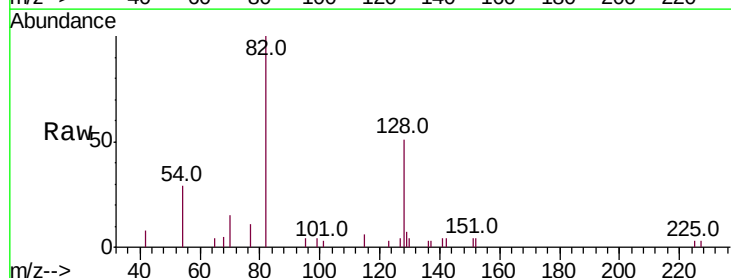
Tgt Ion: 82 Resp: 3405

Ion Ratio Lower Upper

82 100

128 51.4 35.4 53.0

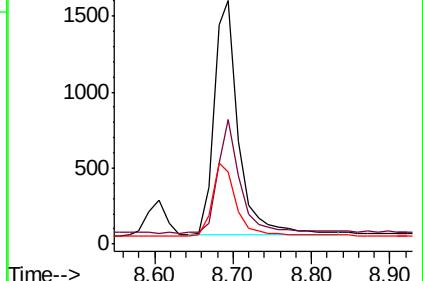
54 29.4 28.2 42.4

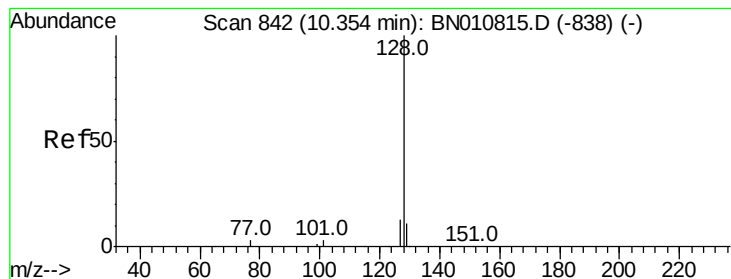


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.426 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

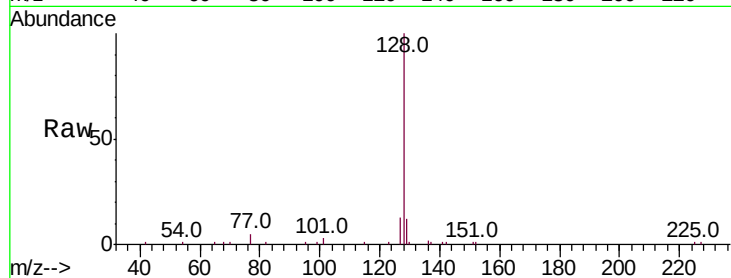
Tot Ion:128 Resp: 12068

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

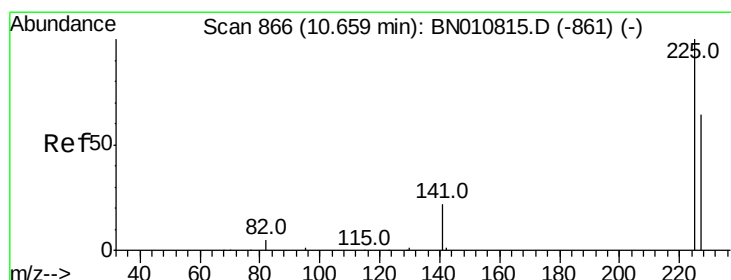
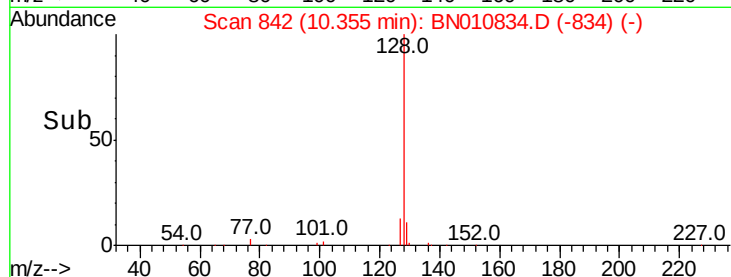
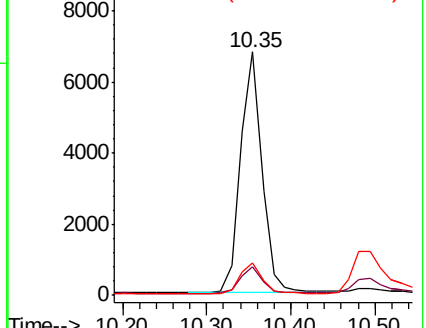
127 13.4 11.4 17.2



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: 0.391 ng

RT: 10.65 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

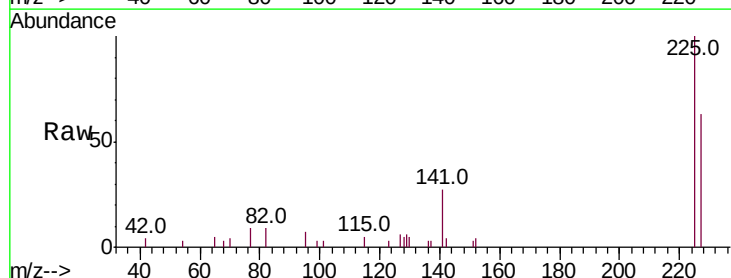
Tgt Ion:225 Resp: 2737

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

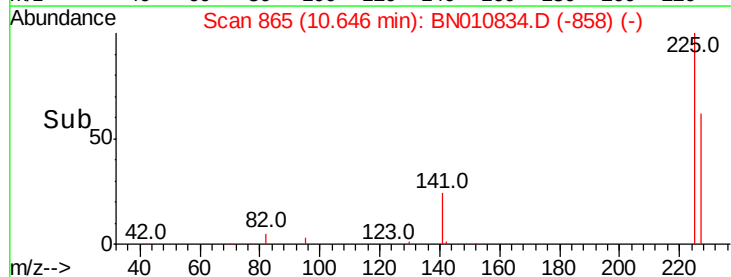
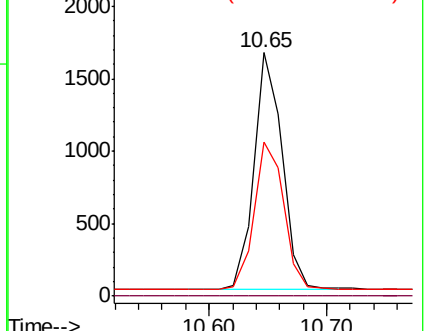
227 65.0 50.5 75.7

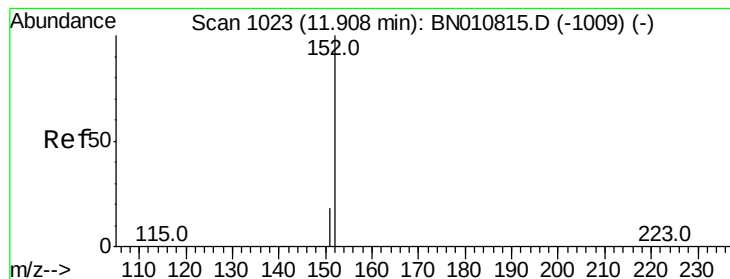


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 11.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

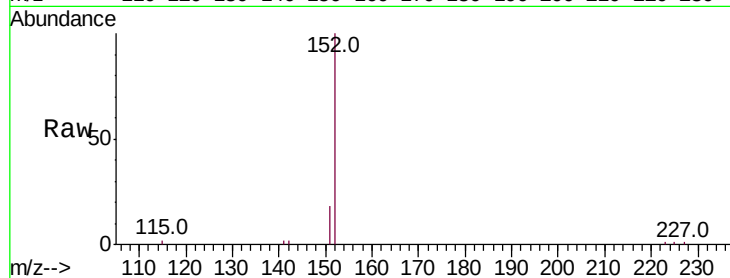
SSTDCCC0.4

Tot Ion:152 Resp: 7434

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.90

4000

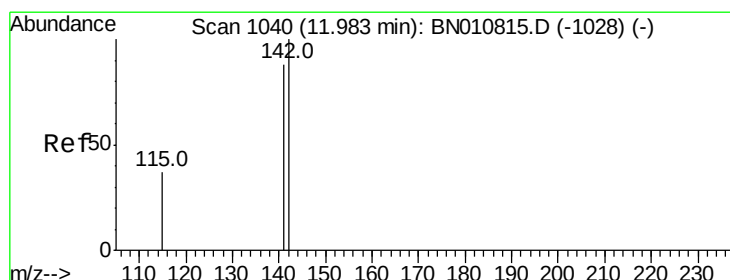
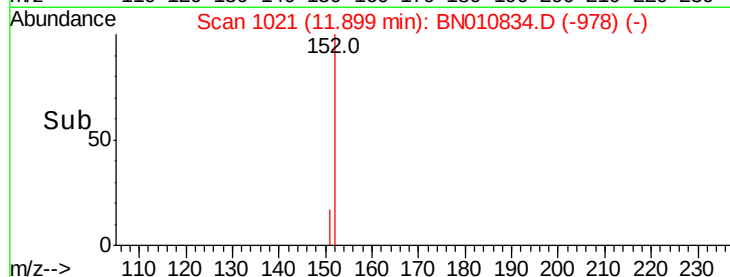
3000

2000

1000

0

Time--> 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.429 ng

RT: 11.97 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

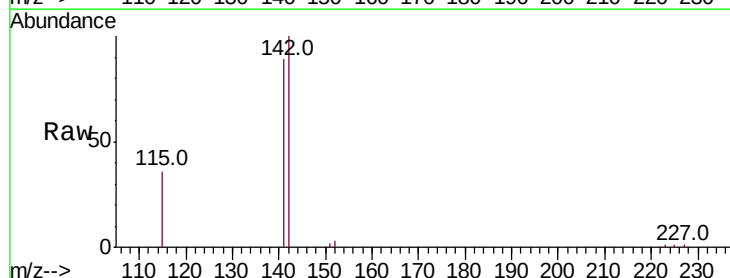
Tgt Ion:142 Resp: 8139

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

115 35.8 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

6000

5000

4000

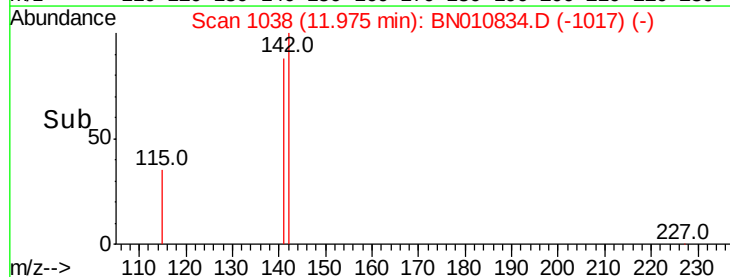
3000

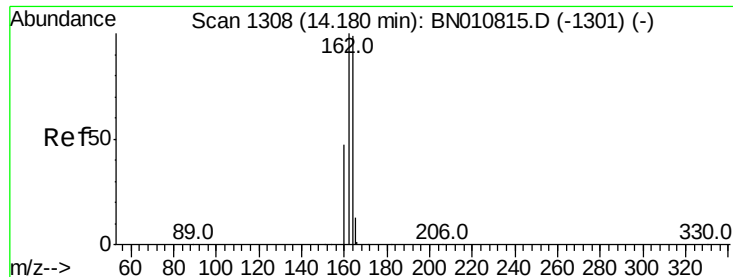
2000

1000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

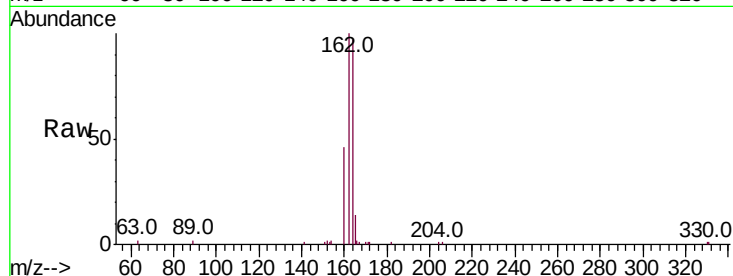
Tot Ion:164 Resp: 6257

Ion Ratio Lower Upper

164 100

162 103.0 81.0 121.6

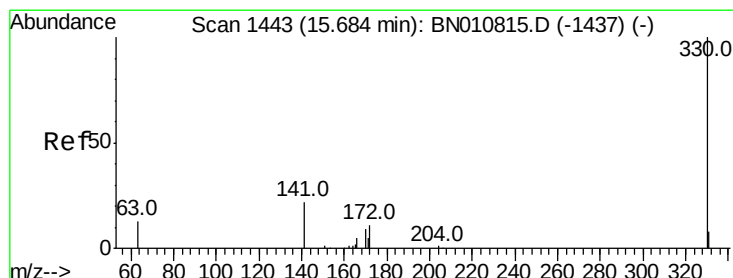
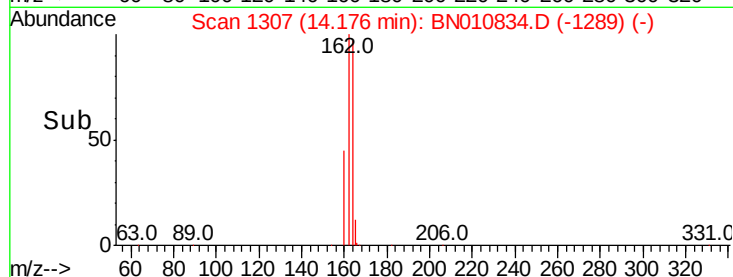
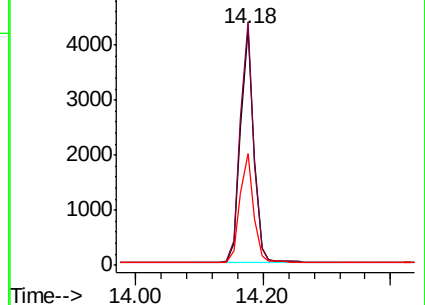
160 47.1 38.9 58.3



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: 0.399 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

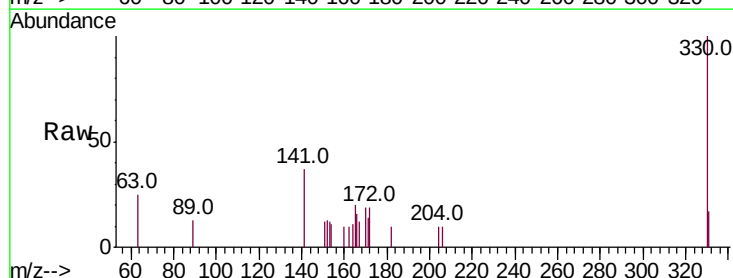
Tgt Ion:330 Resp: 892

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

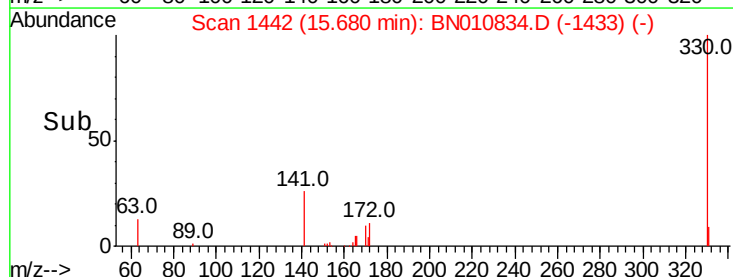
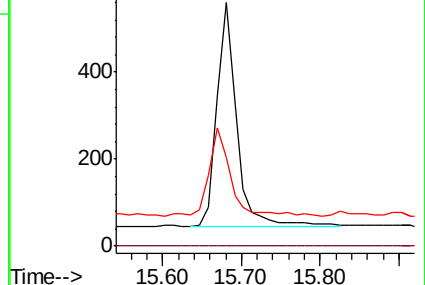
141 42.4 33.2 49.8

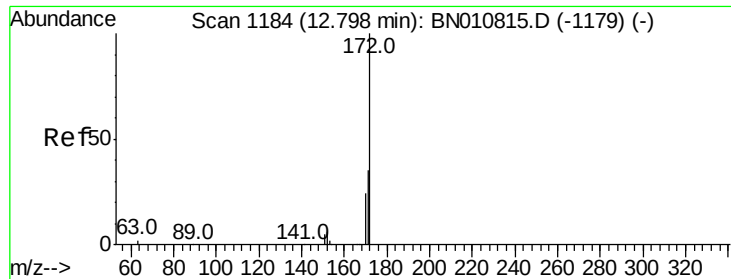


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

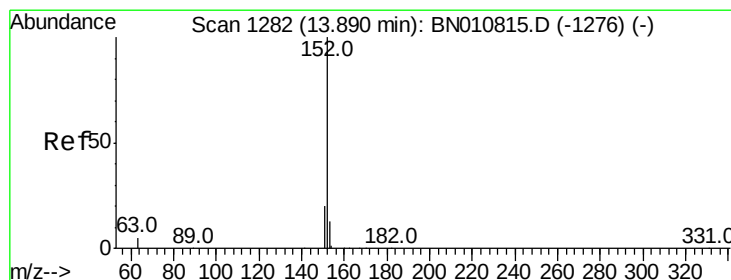
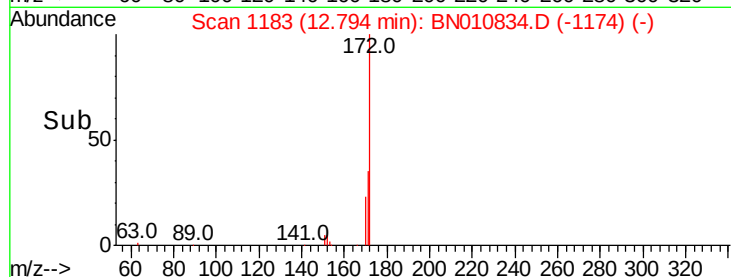
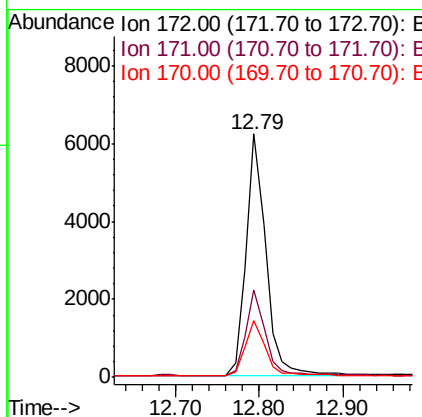
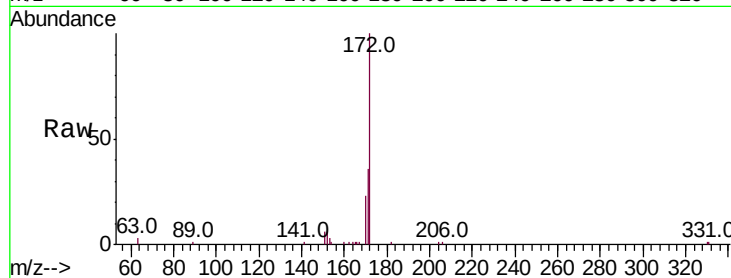




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

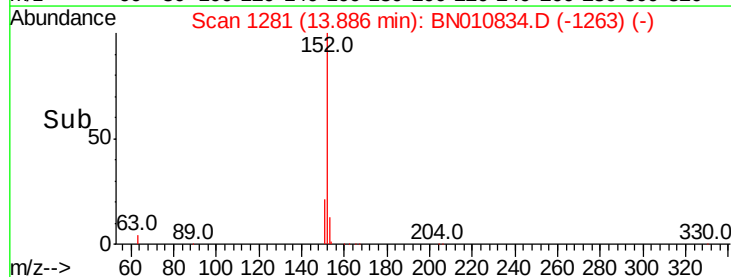
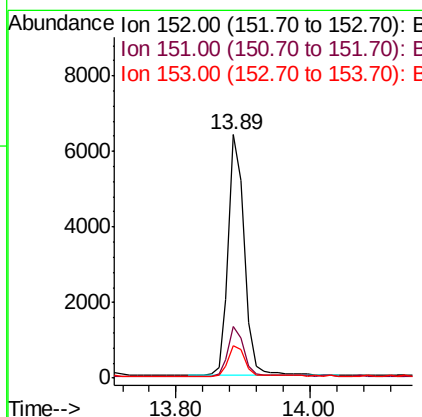
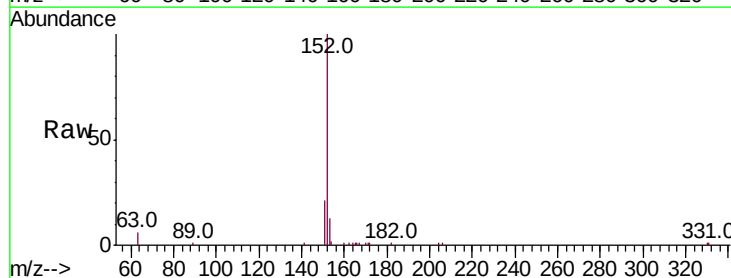
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

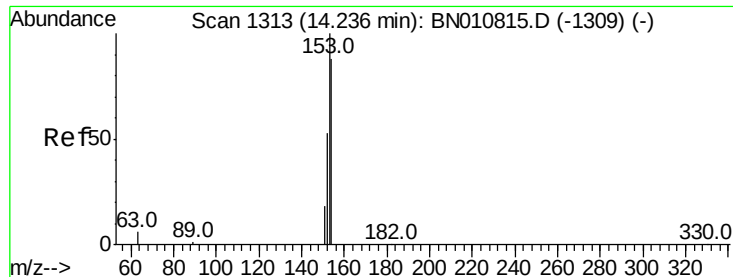
Tot Ion:172 Resp: 10121
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.3 19.7 29.5



#16
Acenaphthylene
Concen: 0.420 ng
RT: 13.89 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:152 Resp: 10765
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.414 ng

RT: 14.23 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

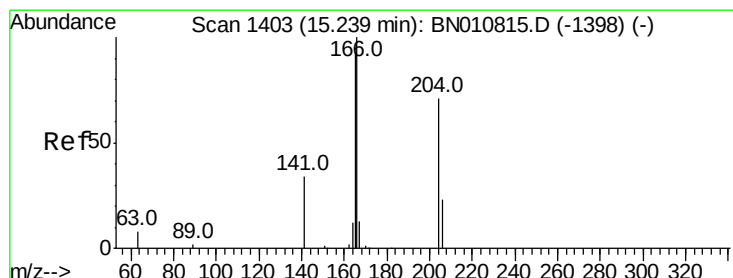
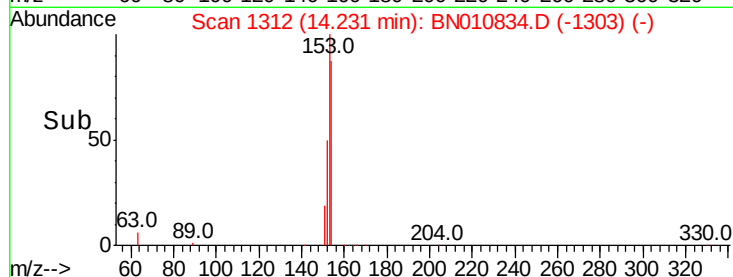
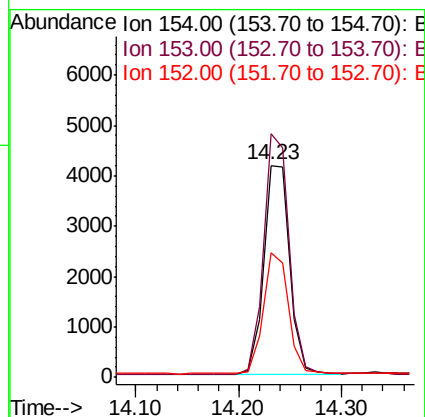
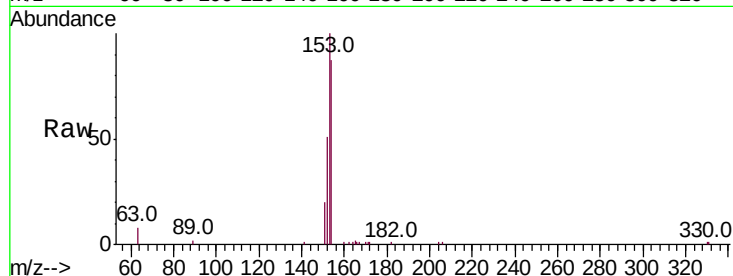
Tot Ion:154 Resp: 7232

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.8	137.6
152	56.7	47.6	71.4

154 100

153 114.0 91.8 137.6

152 56.7 47.6 71.4



#18

Fluorene

Concen: 0.407 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

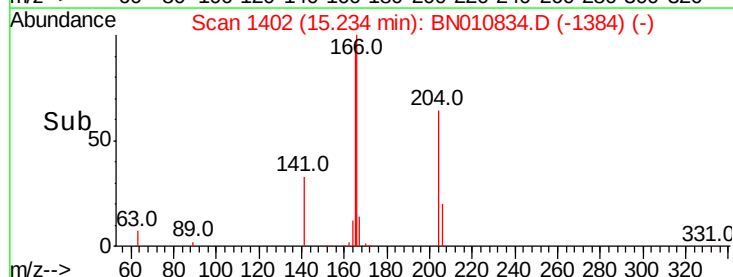
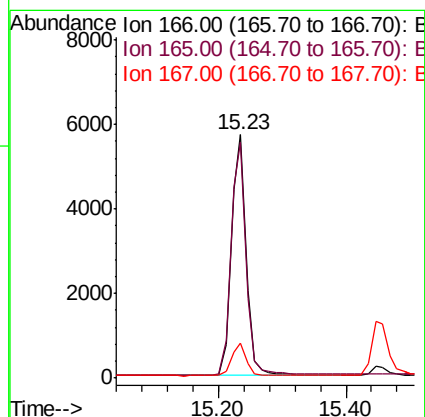
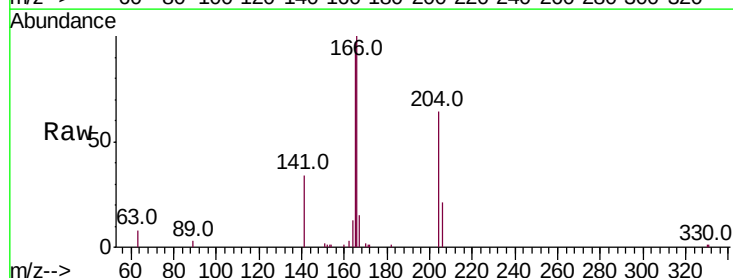
Tgt Ion:166 Resp: 9173

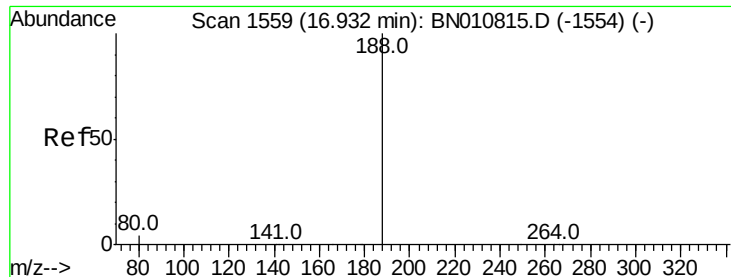
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.2	115.8
167	13.3	10.7	16.1

166 100

165 97.4 77.2 115.8

167 13.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

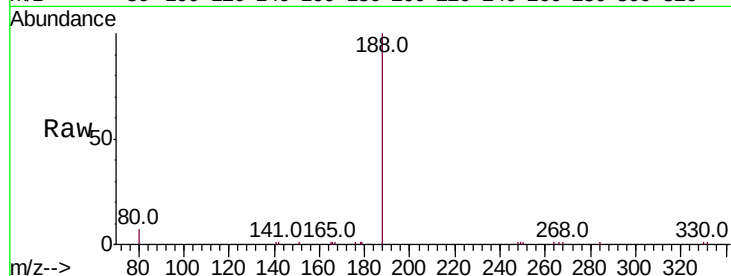
Tot Ion:188 Resp: 12824

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

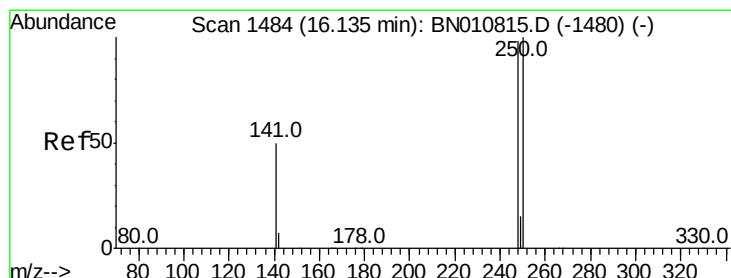
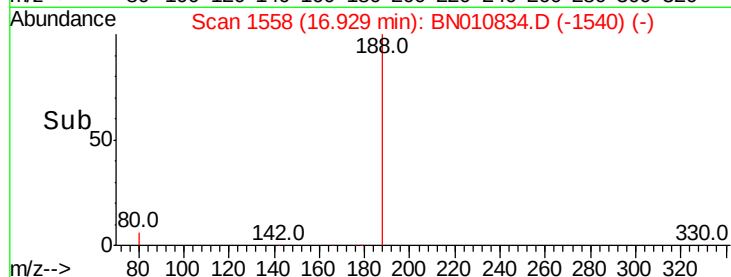
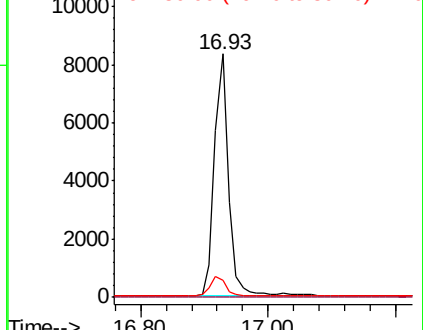
80 6.9 4.5 6.7#



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



#20

4-Bromophenyl-phenylether

Concen: 0.384 ng

RT: 16.13 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

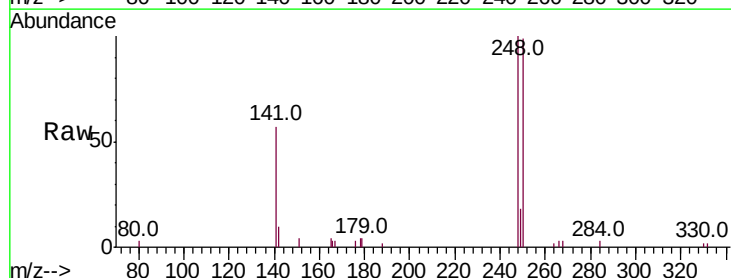
Tgt Ion:248 Resp: 2958

Ion Ratio Lower Upper

248 100

250 98.6 81.8 122.8

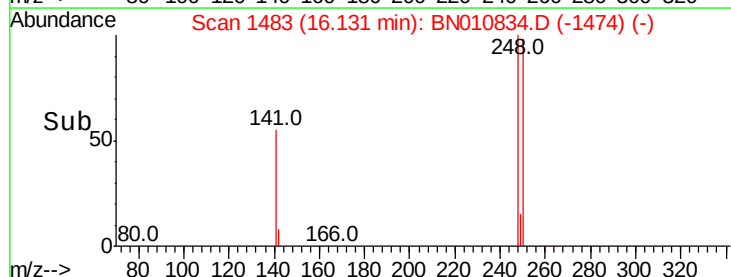
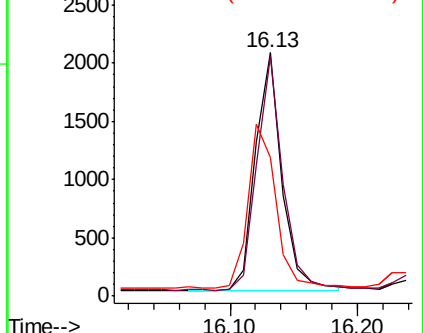
141 56.9 42.6 64.0

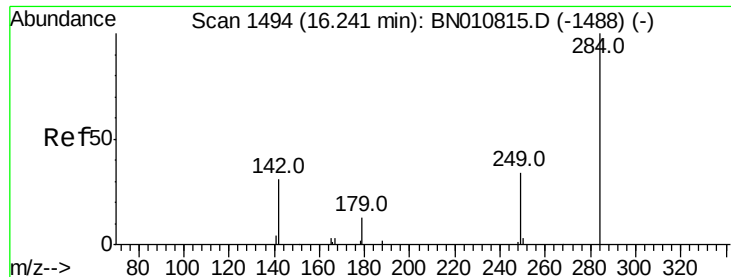


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

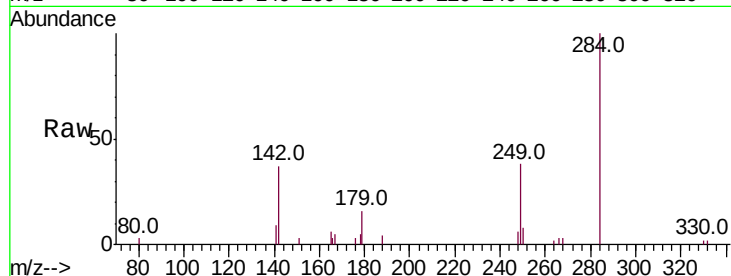




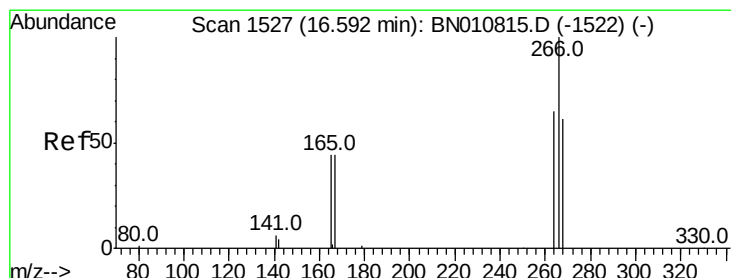
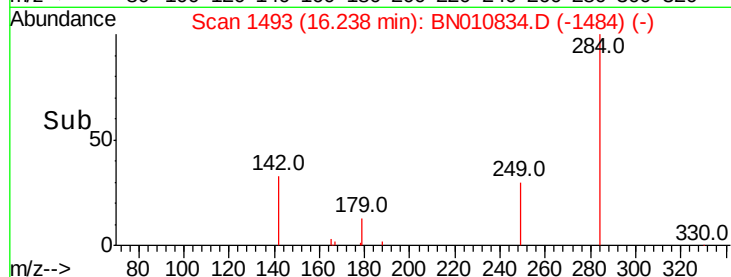
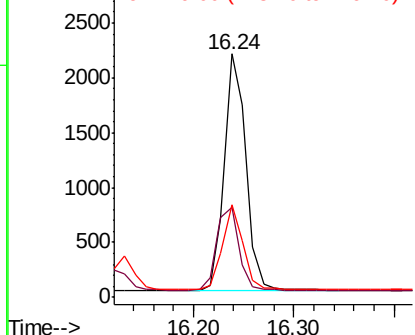
#21
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.24 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	31.0	46.4
249	33.4	27.1	40.7

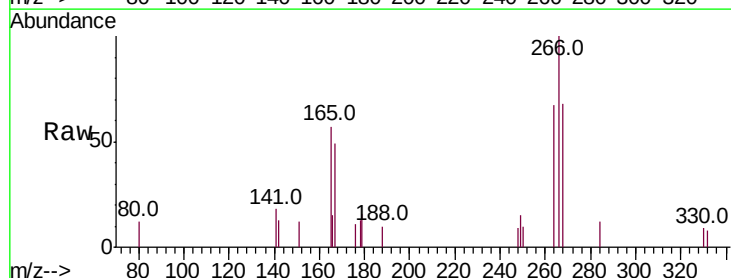


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

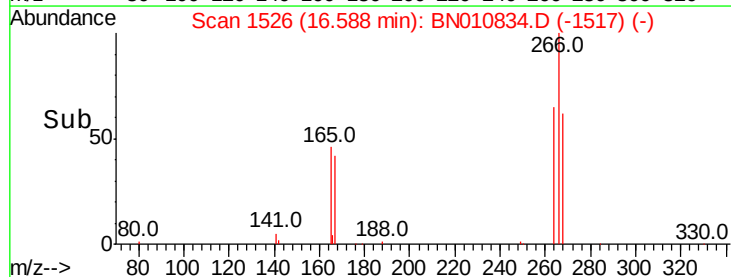
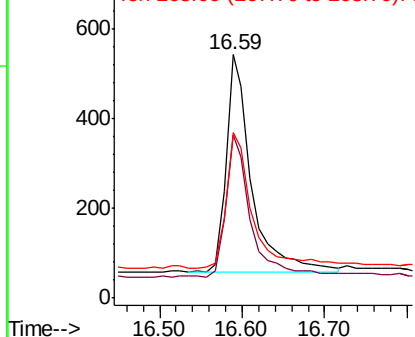


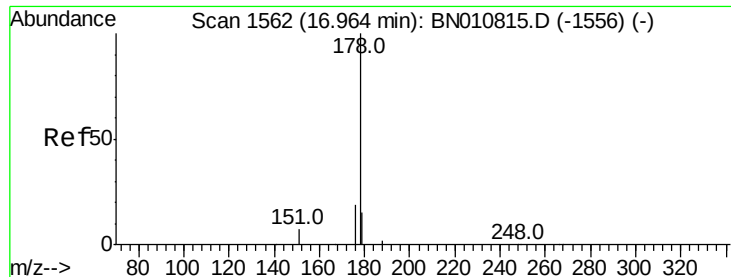
#22
Pentachlorophenol
Concen: 0.385 ng
RT: 16.59 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.0	54.8	82.2
268	68.3	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

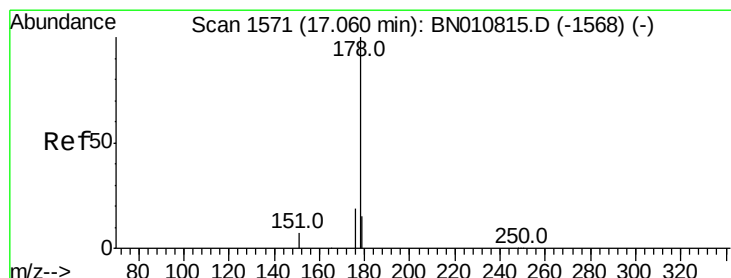
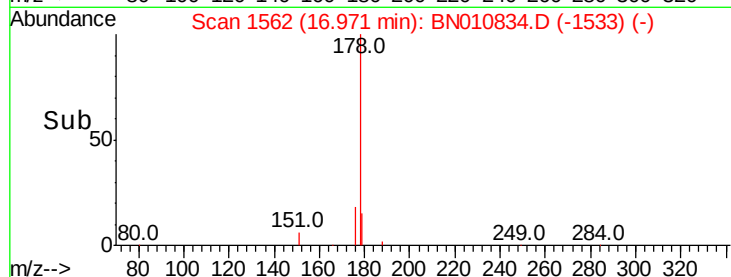
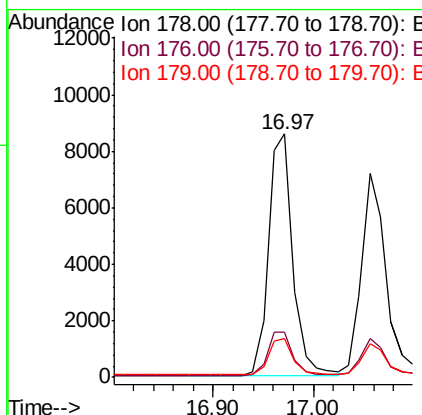
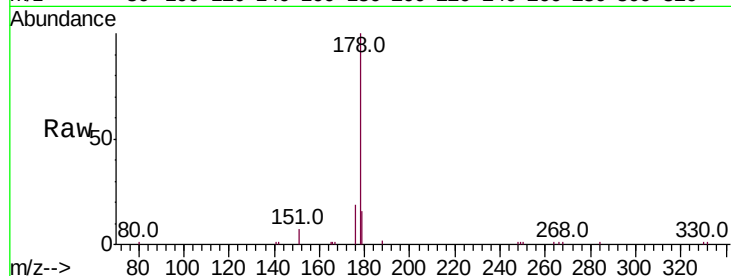




#23
Phenanthrene
Concen: 0.413 ng
RT: 16.97 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

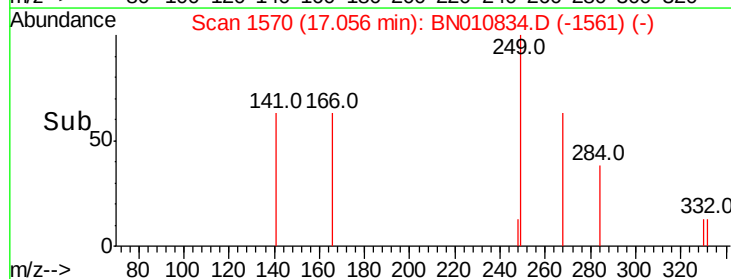
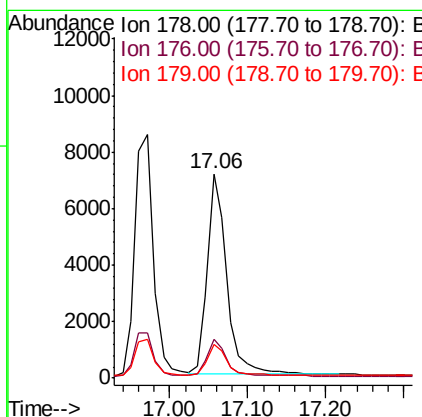
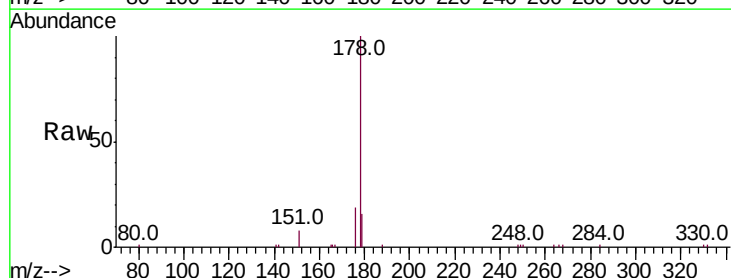
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

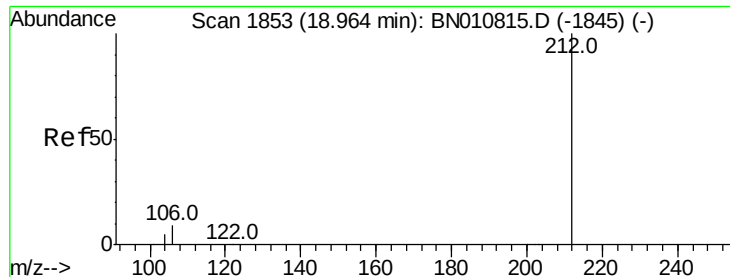
Tot Ion:178 Resp: 14464
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.6 19.0



#24
Anthracene
Concen: 0.420 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:178 Resp: 12286
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.4 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.421 ng

RT: 18.97 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

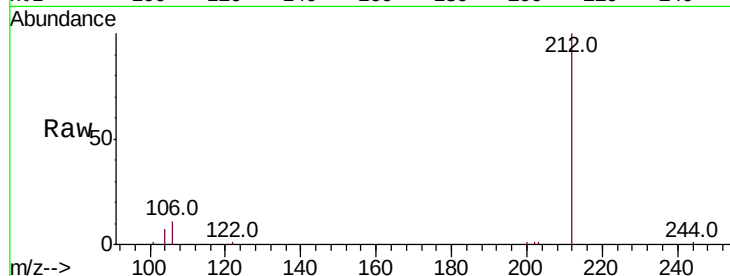
Tot Ion:212 Resp: 14909

Ion Ratio Lower Upper

212 100

106 10.5 6.6 10.0#

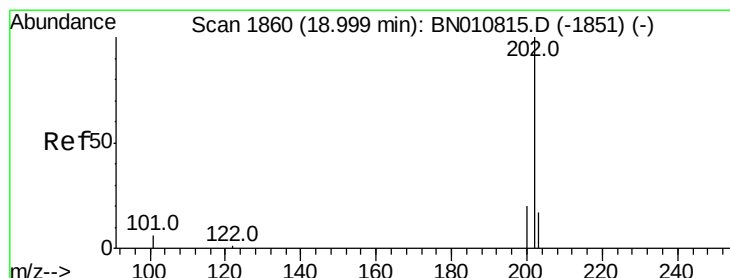
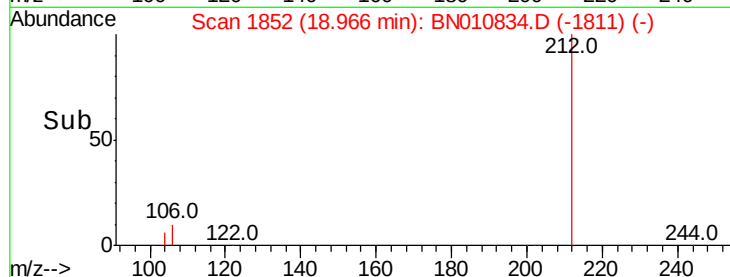
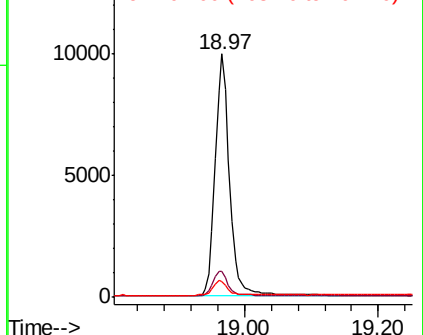
104 6.2 4.0 6.0#



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: 0.413 ng

RT: 19.00 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

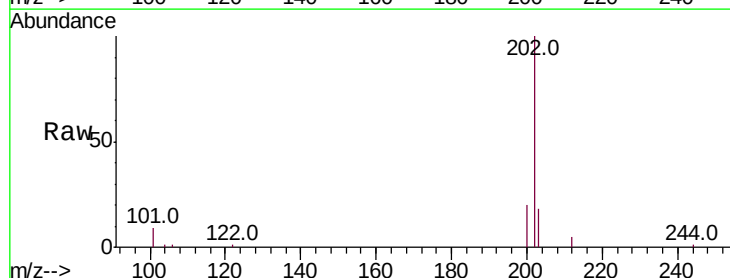
Tgt Ion:202 Resp: 16403

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

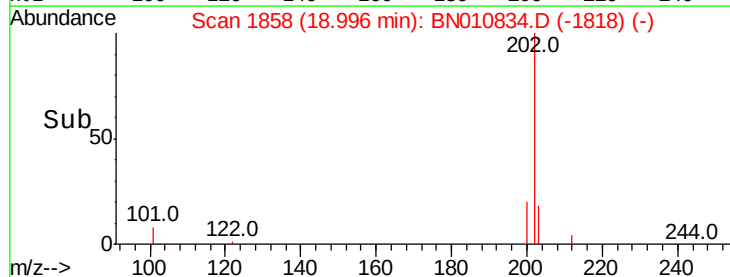
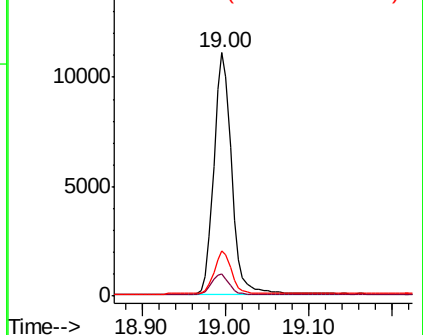
203 17.2 13.7 20.5

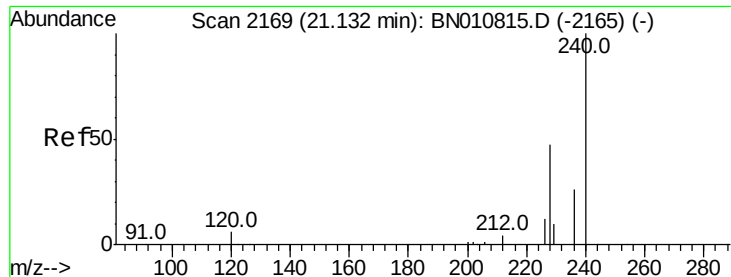


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

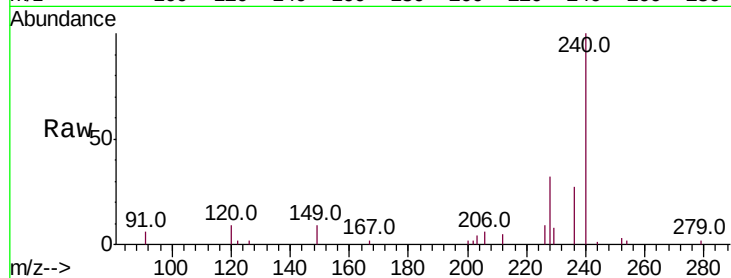




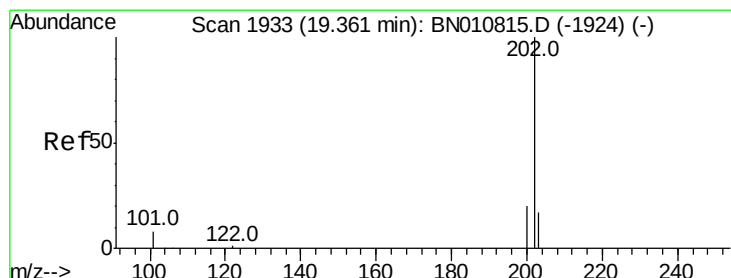
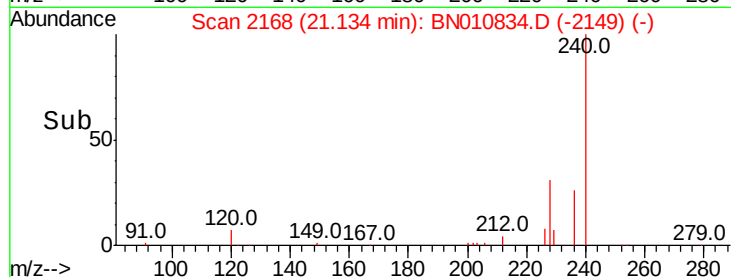
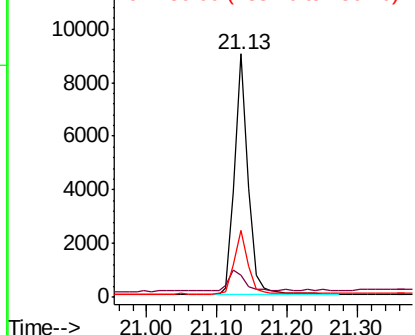
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 11995
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 27.4 22.3 33.5

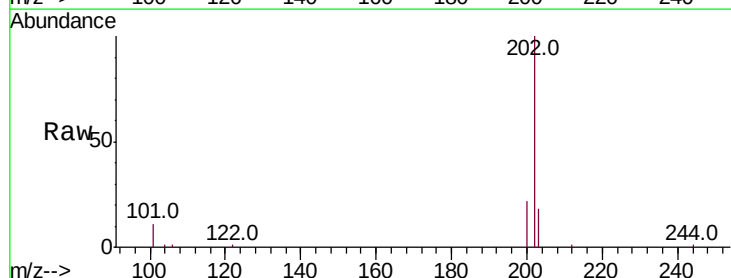


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

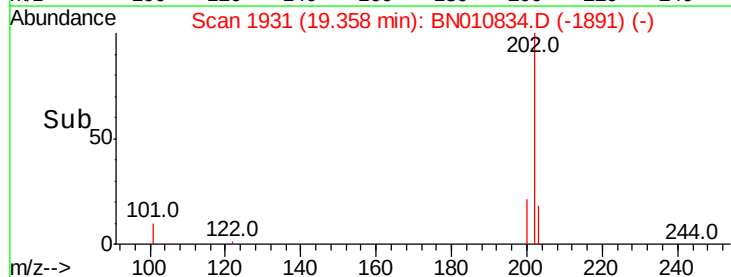
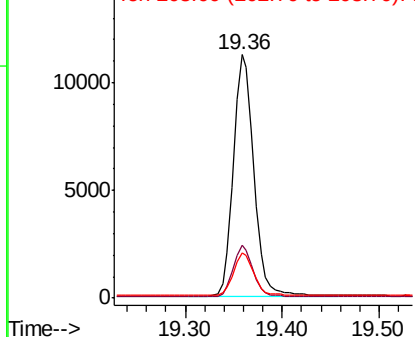


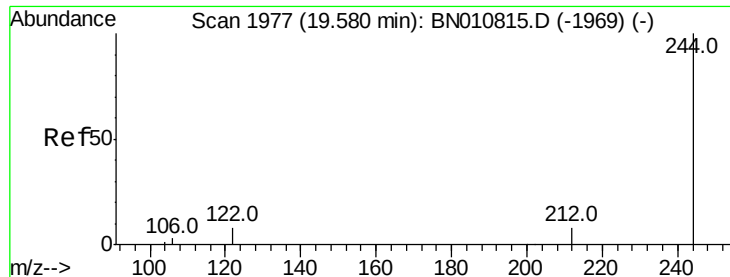
#28
Pyrene
Concen: 0.419 ng
RT: 19.36 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:202 Resp: 16621
Ion Ratio Lower Upper
202 100
200 20.8 16.4 24.6
203 17.7 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: 0.410 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampled :

SSTDCCC0.4

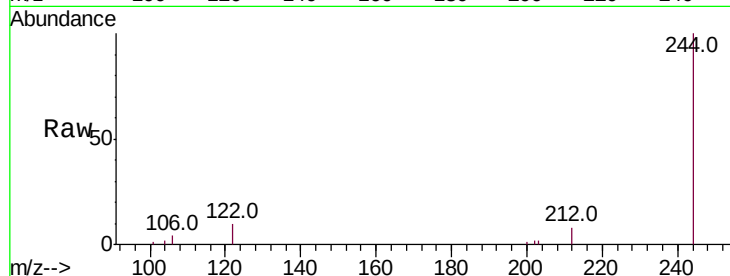
Tot Ion:244 Resp: 11510

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

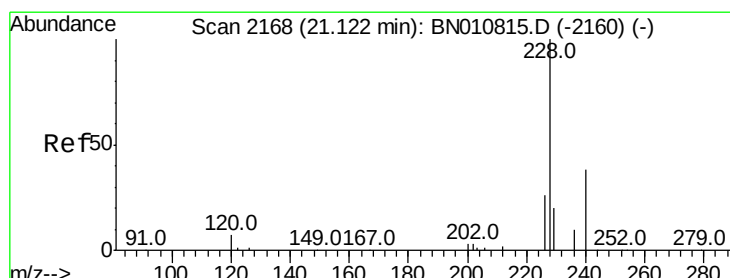
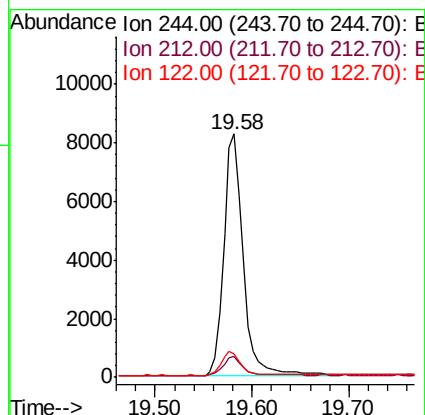
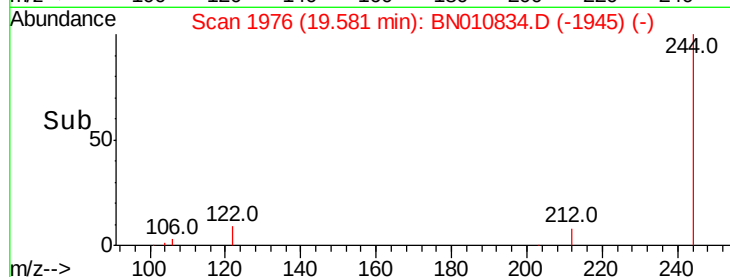
122 9.6 7.5 11.3



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: 0.440 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

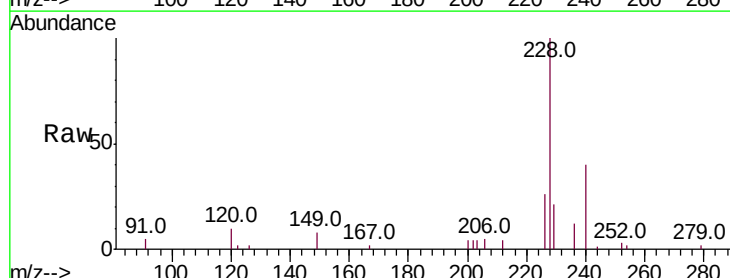
Tgt Ion:228 Resp: 15521

Ion Ratio Lower Upper

228 100

226 26.4 21.3 31.9

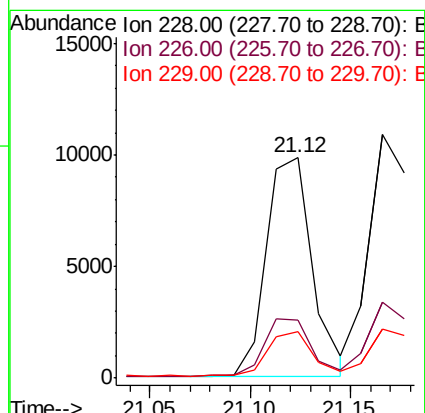
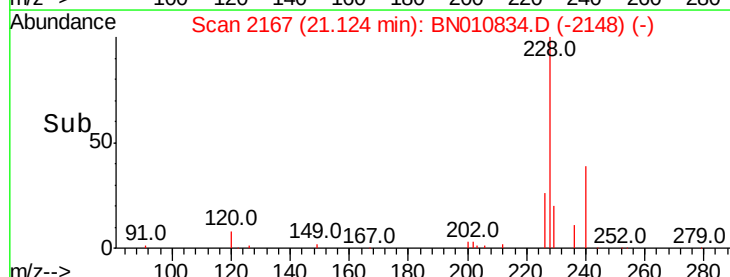
229 21.3 16.6 24.8

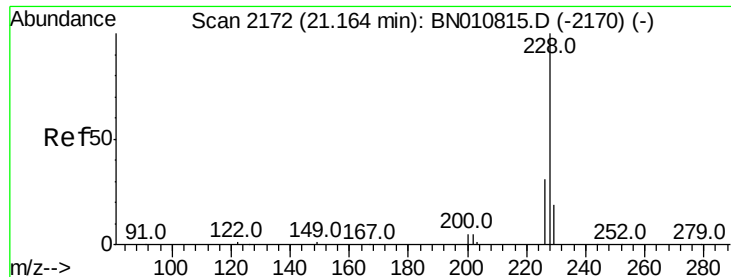


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

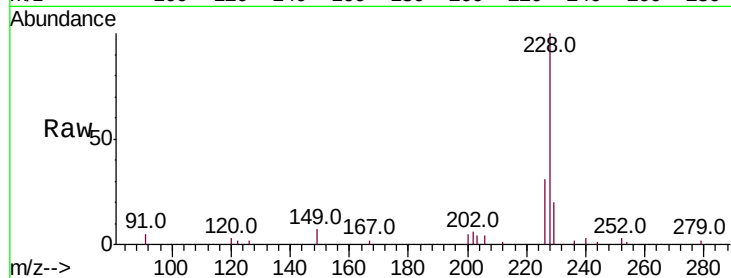
Tot Ion:228 Resp: 16684

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

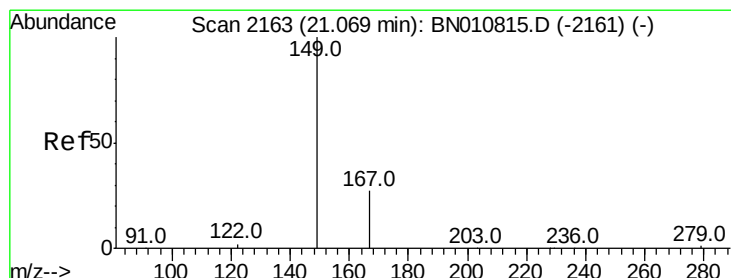
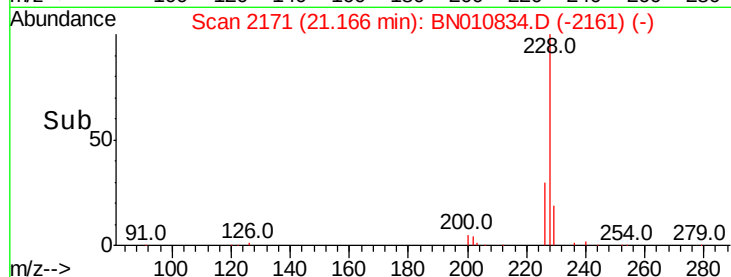
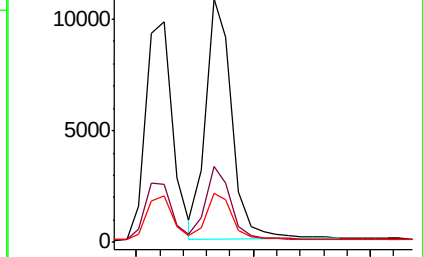
229 20.3 16.1 24.1



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: 0.563 ng

RT: 21.07 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

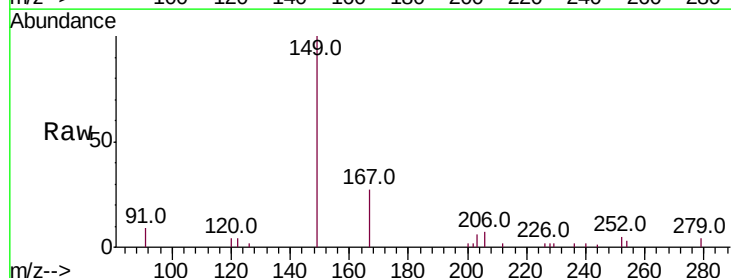
Tgt Ion:149 Resp: 6623

Ion Ratio Lower Upper

149 100

167 28.1 24.1 36.1

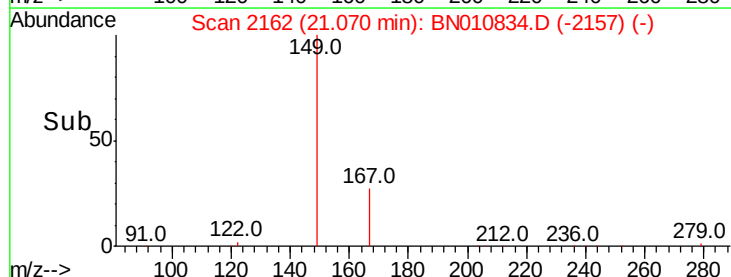
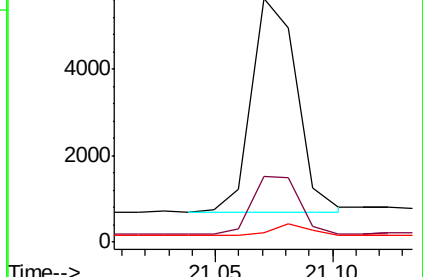
279 4.7 4.6 7.0

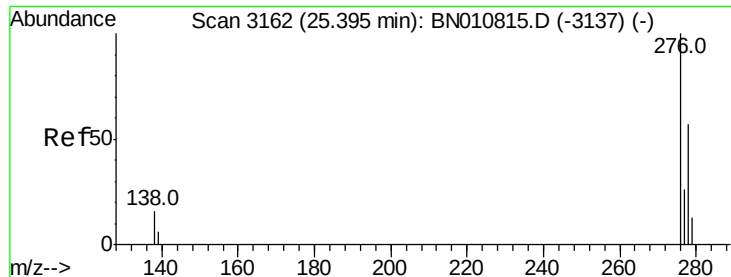


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.426 ng

RT: 25.40 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

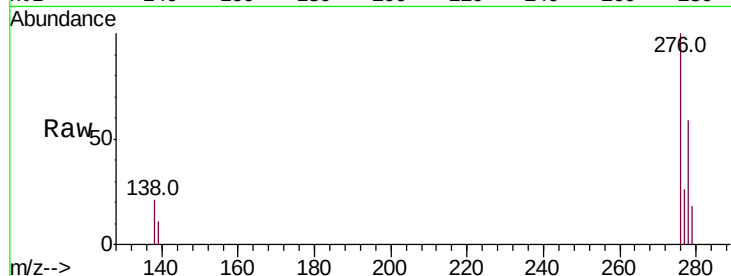
Tot Ion:276 Resp: 19582

Ion Ratio Lower Upper

276 100

138 20.6 13.0 19.6#

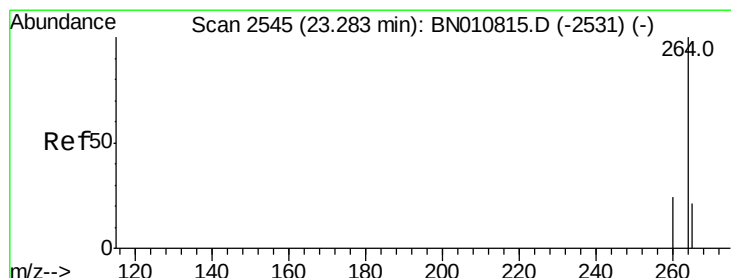
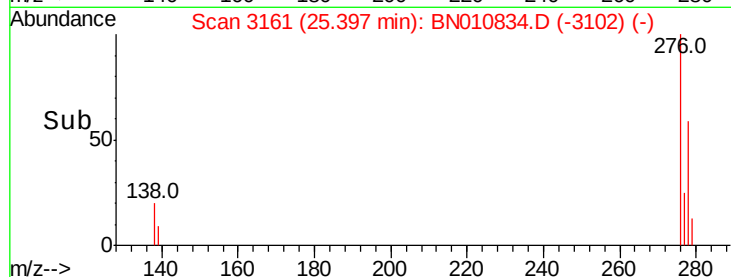
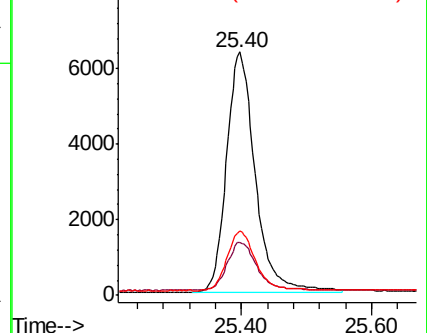
277 24.8 19.7 29.5



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# 2544

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

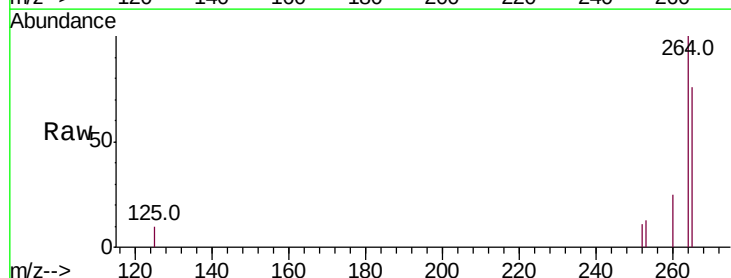
Tgt Ion:264 Resp: 12769

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

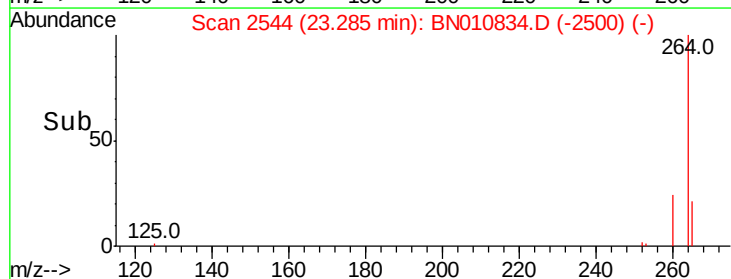
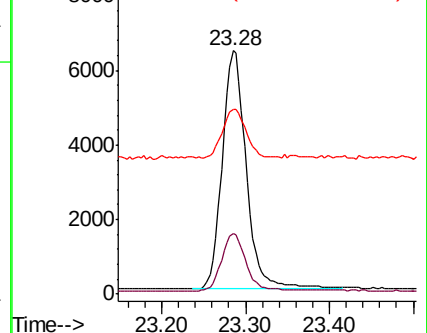
265 76.1 75.0 112.4

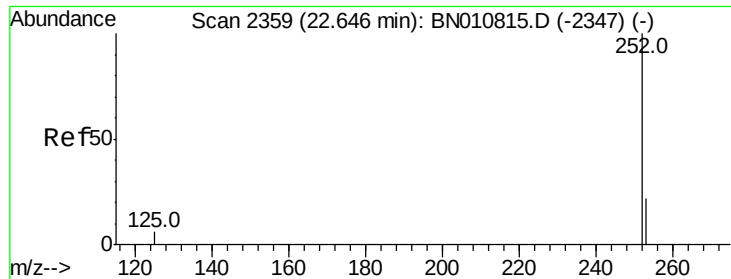


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.390 ng

RT: 22.65 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

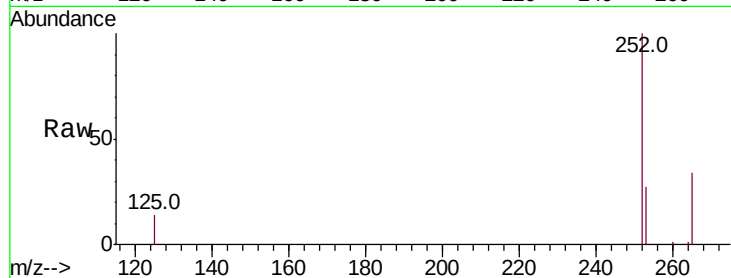
Tot Ion:252 Resp: 16934

Ion Ratio Lower Upper

252 100

253 26.9 22.4 33.6

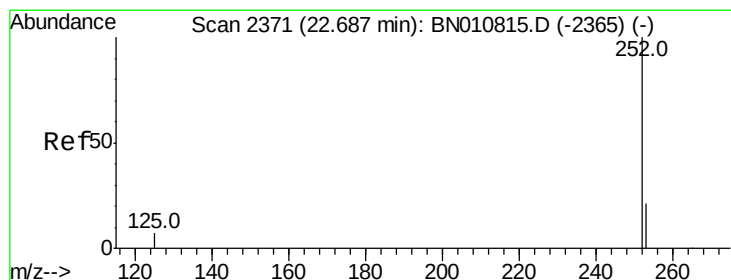
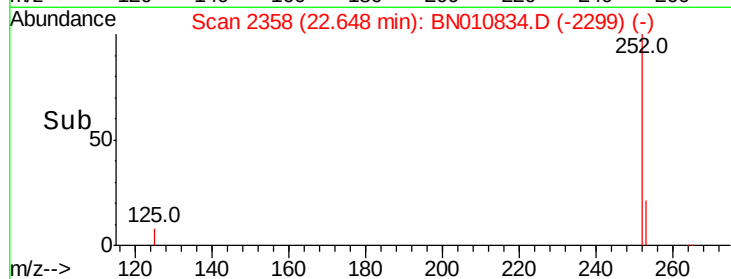
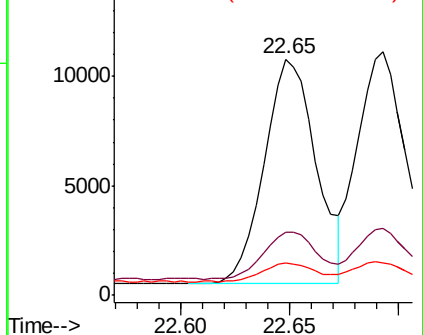
125 13.6 9.4 14.0



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: 0.369 ng

RT: 22.69 min Scan# 2371

Delta R.T. 0.01 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

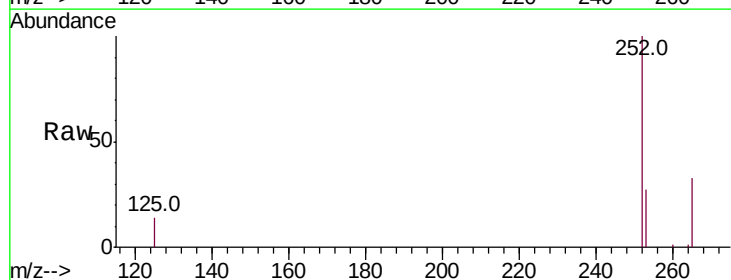
Tgt Ion:252 Resp: 17091

Ion Ratio Lower Upper

252 100

253 27.5 22.2 33.4

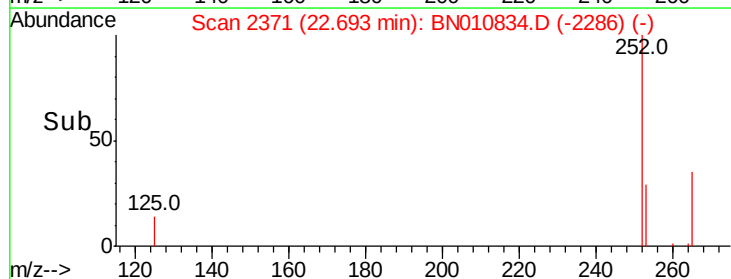
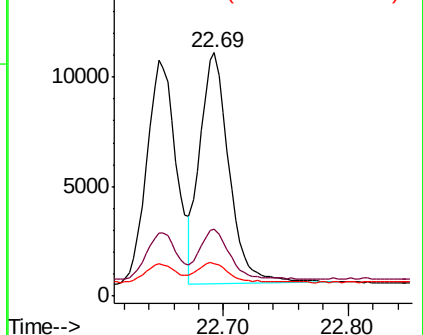
125 13.6 9.8 14.8

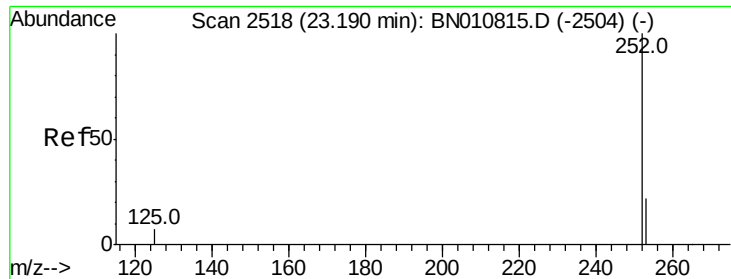


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.19 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

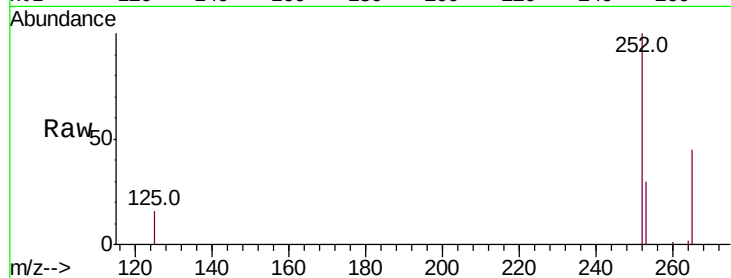
Tot Ion:252 Resp: 15200

Ion Ratio Lower Upper

252 100

253 30.2 25.8 38.8

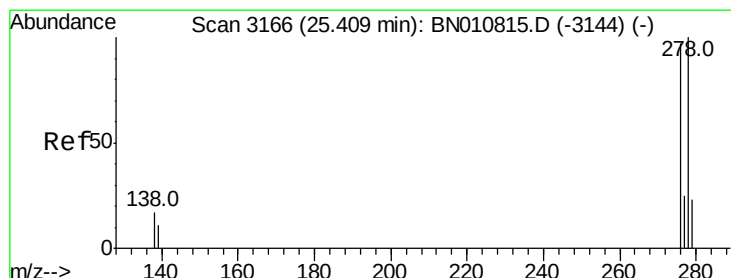
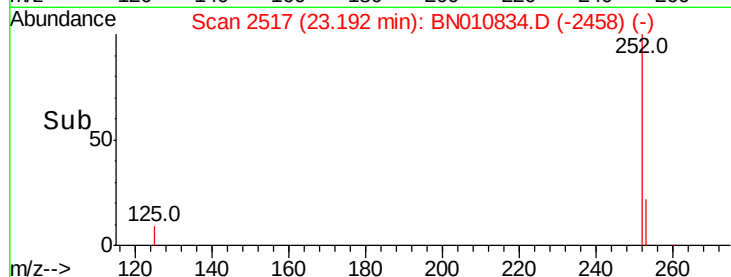
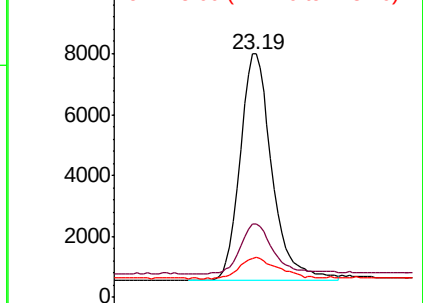
125 16.2 12.4 18.6



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: 0.372 ng

RT: 25.41 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

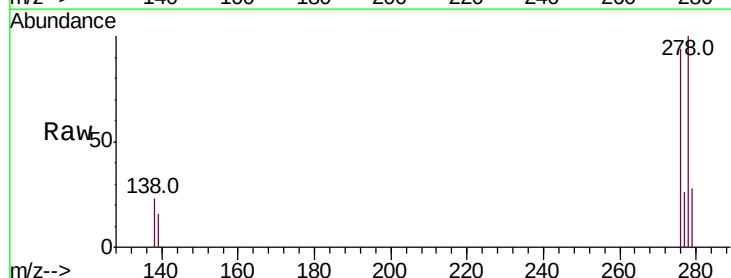
Tgt Ion:278 Resp: 15814

Ion Ratio Lower Upper

278 100

139 16.4 10.6 15.8#

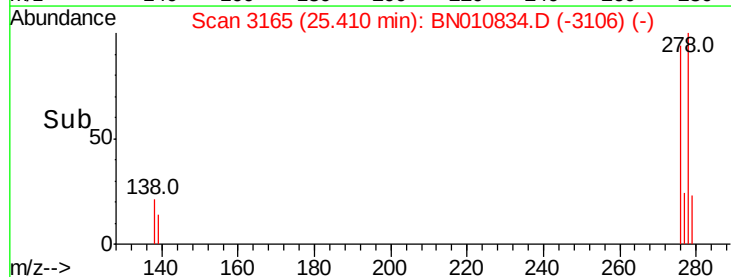
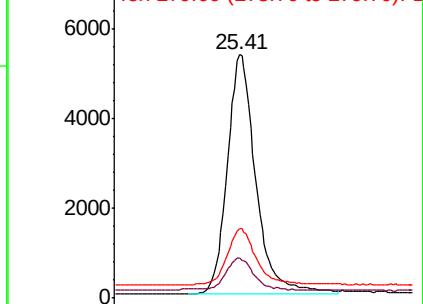
279 28.4 23.6 35.4

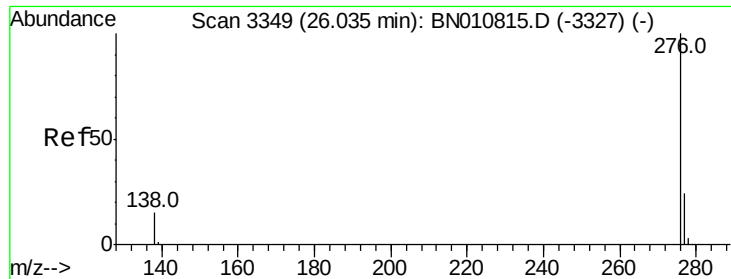


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.369 ng

RT: 26.03 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BN010834.D

Acq: 11 Jun 2020 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

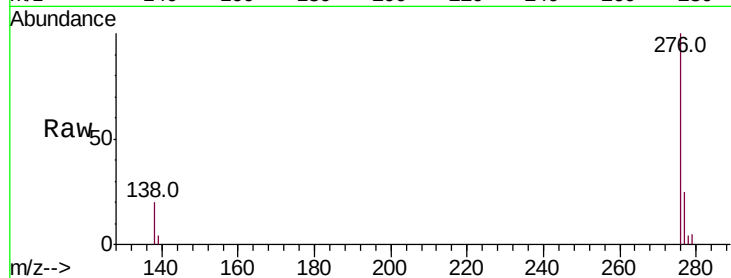
Tot Ion:276 Resp: 16384

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 20.4 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

