

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010840.D
 Acq On : 12 Jun 2020 09:14
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 23 19:57:02 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 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3472	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	12763	0.40	ng	0.03
13) Acenaphthene-d10	14.18	164	7133	0.40	ng	0.03
19) Phenanthrene-d10	16.92	188	14808	0.40	ng	0.01
27) Chrysene-d12	21.13	240	15251	0.40	ng	0.01
34) Perylene-d12	23.28	264	16639	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3692	0.55	ng	0.02
5) Phenol-d6	6.75	99	4403	0.56	ng	0.02
8) Nitrobenzene-d5	8.69	82	3943	0.42	ng	0.03
11) 2-Methylnaphthalene-d10	11.90	152	9074	0.46	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	1136	0.45	ng	0.02
15) 2-Fluorobiphenyl	12.80	172	11538	0.41	ng	0.02
25) Fluoranthene-d10	18.96	212	19602	0.48	ng	0.02
29) Terphenyl-d14	19.58	244	14604	0.41	ng	0.01

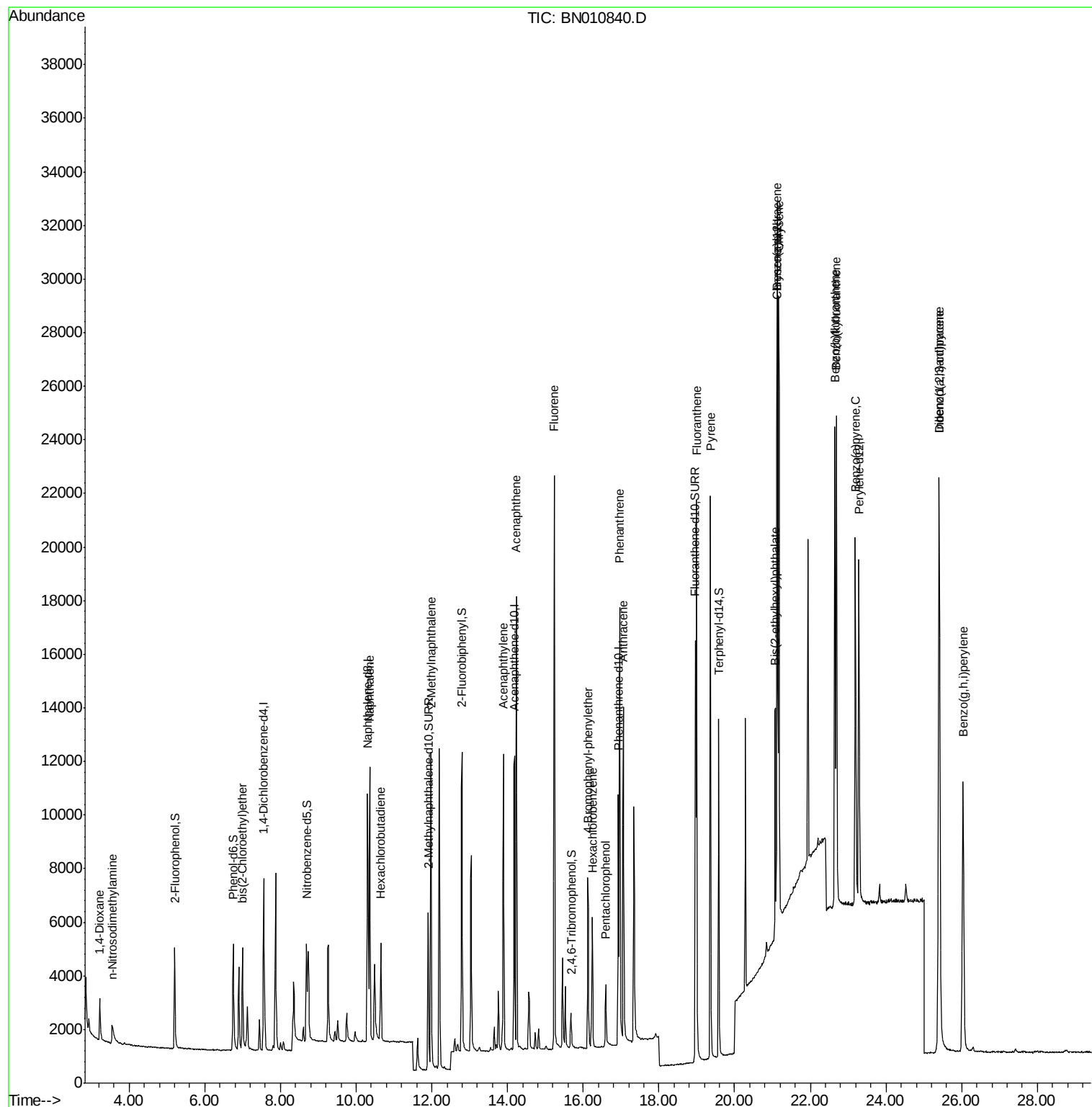
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1459	0.429	ng	98
3) n-Nitrosodimethylamine	3.55	42	830	0.420	ng	# 98
6) bis(2-Chloroethyl)ether	7.00	93	3814	0.495	ng	93
9) Naphthalene	10.35	128	13564	0.423	ng	99
10) Hexachlorobutadiene	10.65	225	3109	0.392	ng	# 100
12) 2-Methylnaphthalene	11.97	142	9205	0.429	ng	98
16) Acenaphthylene	13.89	152	12692	0.434	ng	100
17) Acenaphthene	14.24	154	8391	0.421	ng	98
18) Fluorene	15.23	166	10713	0.417	ng	98
20) 4-Bromophenyl-phenylether	16.12	248	3453	0.388	ng	# 78
21) Hexachlorobenzene	16.24	284	3869	0.417	ng	96
22) Pentachlorophenol	16.59	266	1437	0.461	ng	97
23) Phenanthrene	16.96	178	17242	0.426	ng	99
24) Anthracene	17.06	178	14891	0.441	ng	100
26) Fluoranthene	18.99	202	20463	0.446	ng	# 98
28) Pyrene	19.36	202	21071	0.418	ng	99
30) Benzo(a)anthracene	21.12	228	20473	0.457	ng	99
31) Chrysene	21.16	228	21869	0.419	ng	100
32) Bis(2-ethylhexyl)phthalate	21.07	149	8902	0.596	ng	97
33) Indeno(1,2,3-cd)pyrene	25.40	276	25060	0.429	ng	# 96
35) Benzo(b)fluoranthene	22.65	252	21787	0.385	ng	98
36) Benzo(k)fluoranthene	22.69	252	22216	0.369	ng	98
37) Benzo(a)pyrene	23.19	252	19988	0.412	ng	95
38) Dibenzo(a,h)anthracene	25.41	278	20467	0.370	ng	# 95
39) Benzo(g,h,i)perylene	26.03	276	20824	0.360	ng	97

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

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Misc :
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Instrument :
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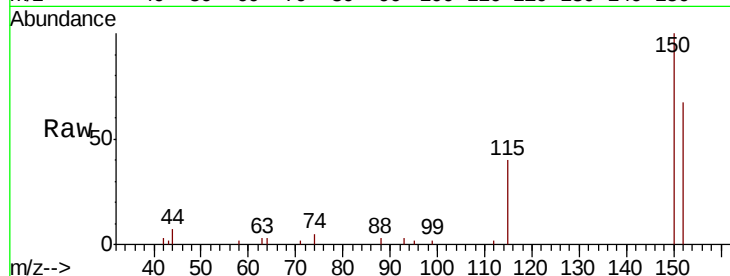


#1

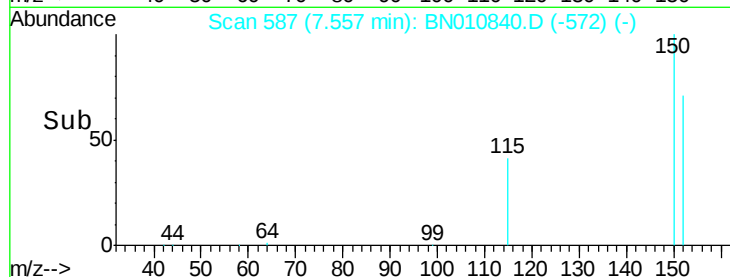
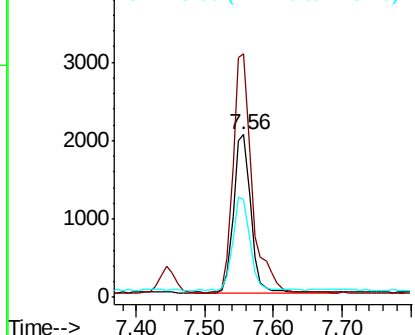
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.02 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3472
Ion Ratio Lower Upper
152 100
150 149.7 123.8 185.6
115 60.3 49.2 73.8



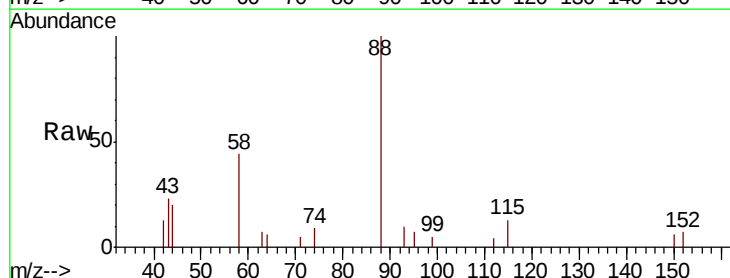
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



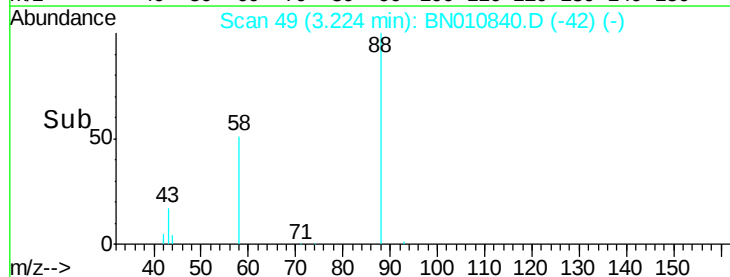
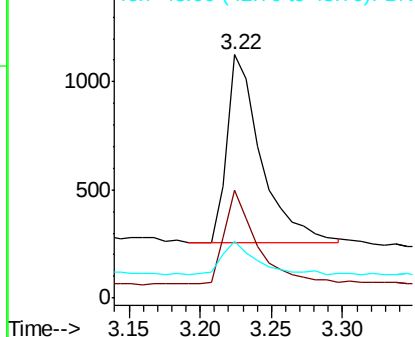
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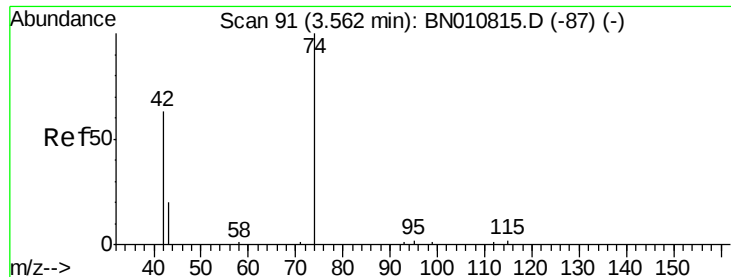
1,4-Dioxane
Concen: 0.429 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion: 88 Resp: 1459
Ion Ratio Lower Upper
88 100
58 47.2 38.2 57.4
43 16.8 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



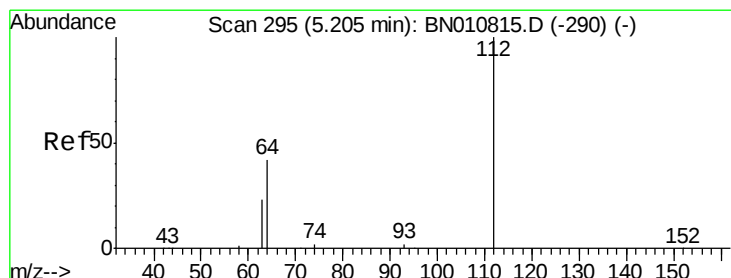
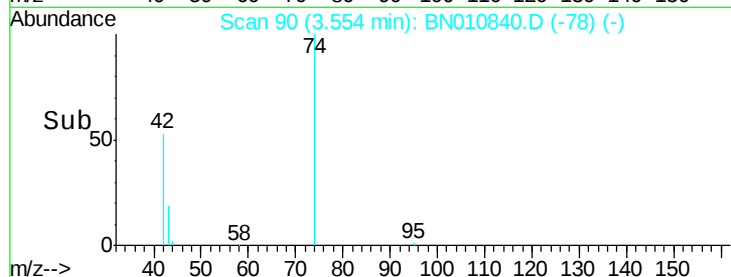
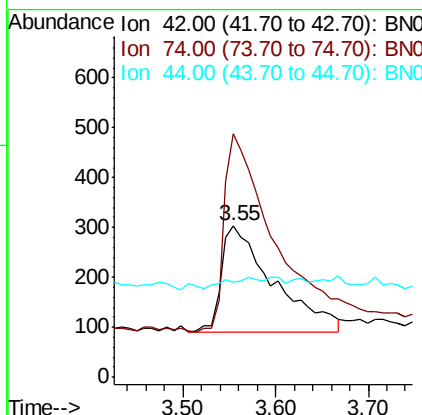
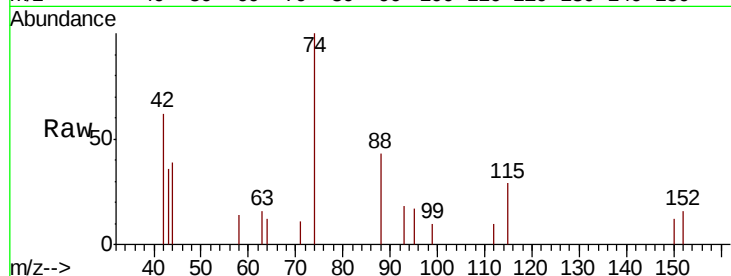


#3

n-Nitrosodimethylamine
 Concen: 0.420 ng
 RT: 3.55 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BN010840.D
 Acq: 12 Jun 2020 09:14

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

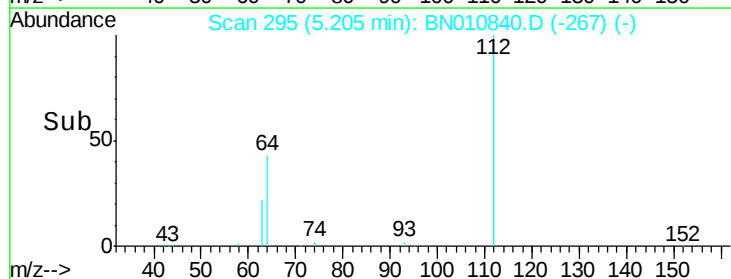
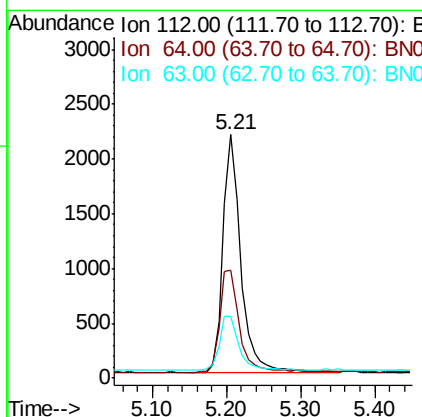
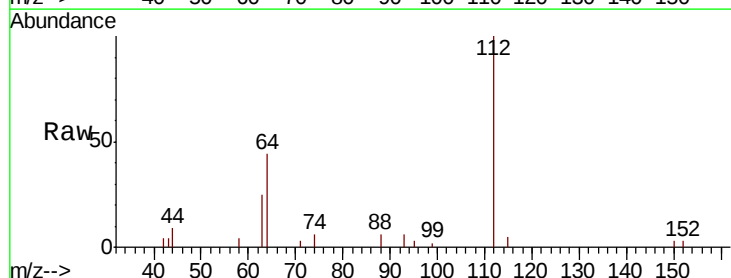
Tot Ion: 42 Resp: 830
 Ion Ratio Lower Upper
 42 100
 74 178.2 140.7 211.1
 44 7.3 1.4 2.2#

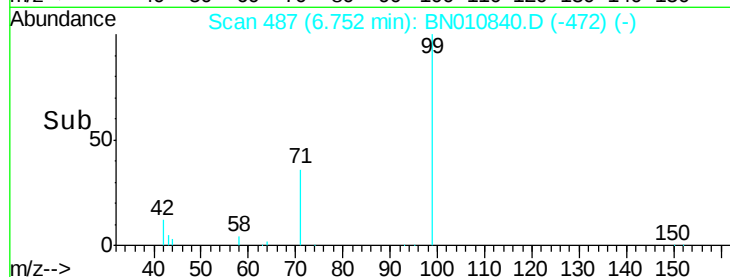
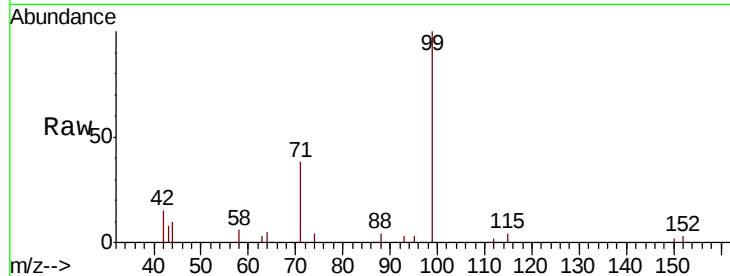
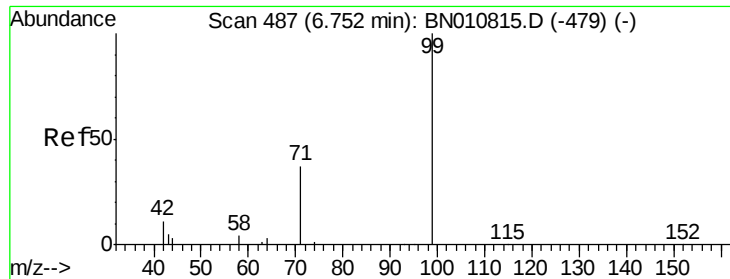


#4

2-Fluorophenol
 Concen: 0.551 ng
 RT: 5.21 min Scan# 295
 Delta R.T. 0.02 min
 Lab File: BN010840.D
 Acq: 12 Jun 2020 09:14

Tgt Ion: 112 Resp: 3692
 Ion Ratio Lower Upper
 112 100
 64 46.4 37.4 56.0
 63 25.1 22.2 33.4





#5

Phenol-d6

Concen: 0.558 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

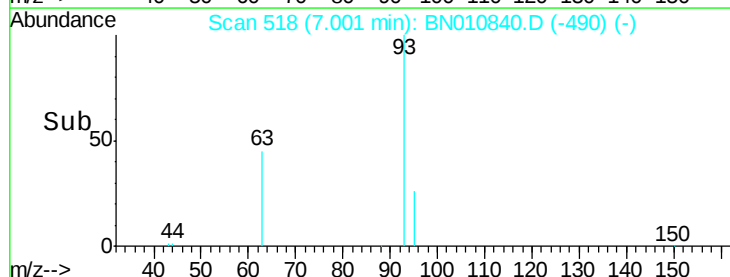
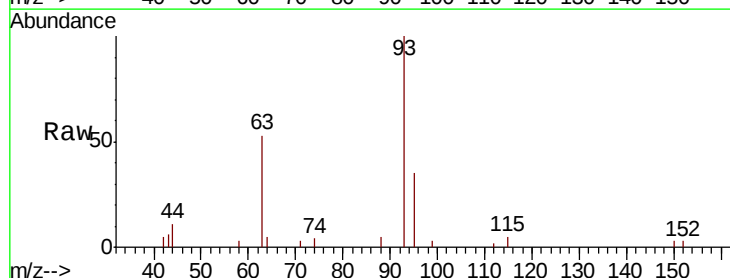
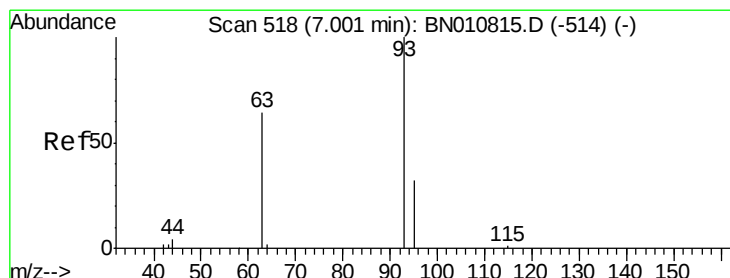
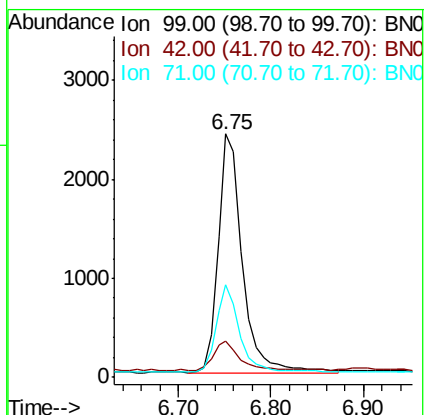
Tot Ion: 99 Resp: 4403

Ion Ratio Lower Upper

99 100

42 12.9 11.1 16.7

71 36.2 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.495 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

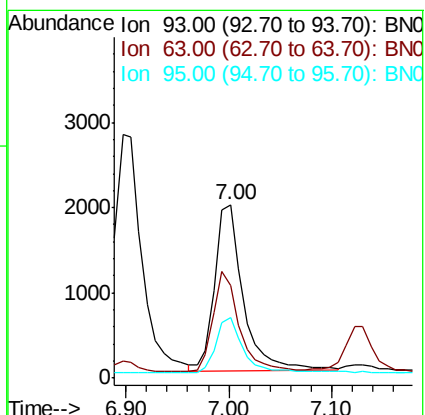
Tgt Ion: 93 Resp: 3814

Ion Ratio Lower Upper

93 100

63 55.1 49.4 74.2

95 31.9 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 12763

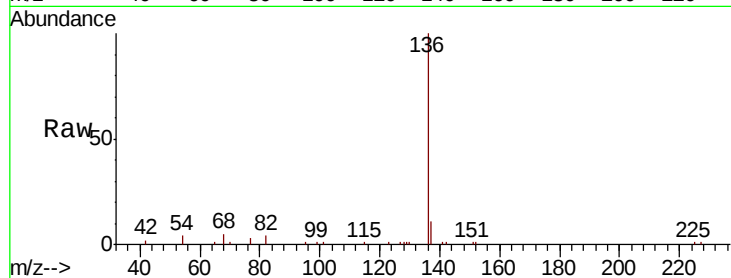
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 4.2 4.9 7.3#

68 4.8 4.7 7.1

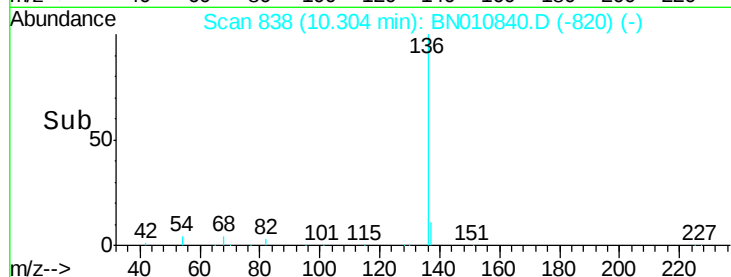


Abundance Ion 136.00 (135.70 to 136.70): E

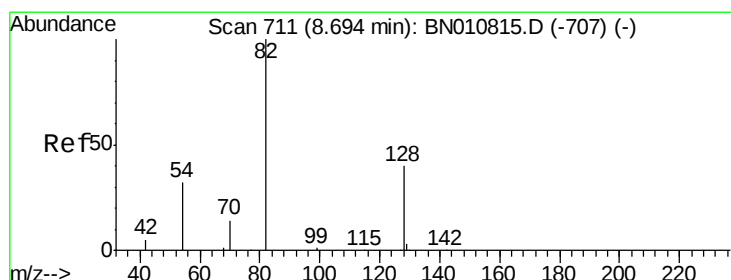
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.417 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

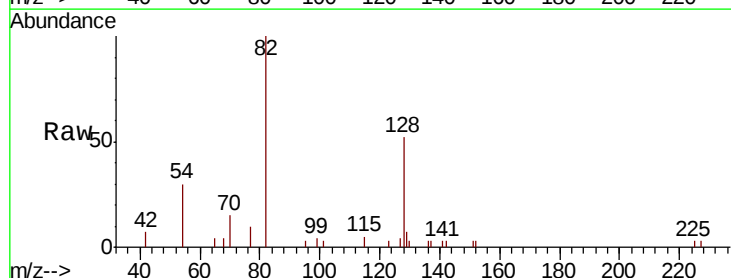
Tgt Ion: 82 Resp: 3943

Ion Ratio Lower Upper

82 100

128 51.8 35.4 53.0

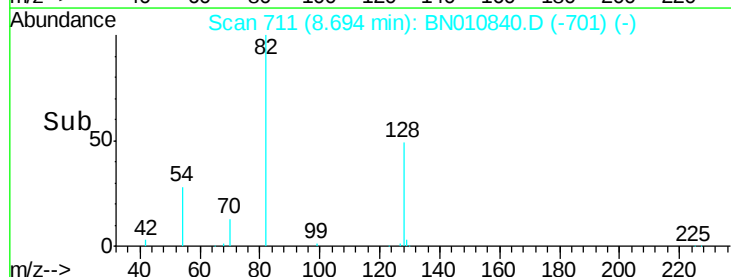
54 29.9 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.423 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.03 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

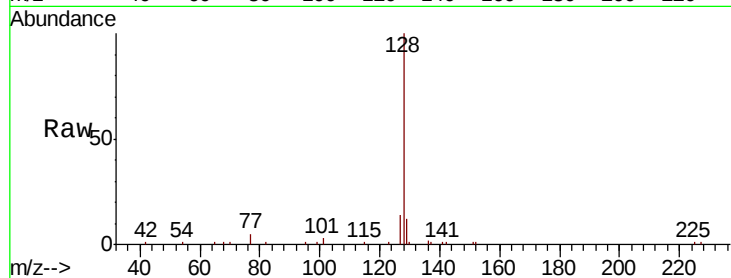
Tot Ion:128 Resp: 13564

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

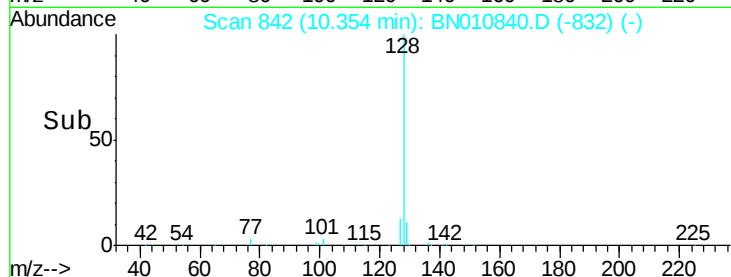
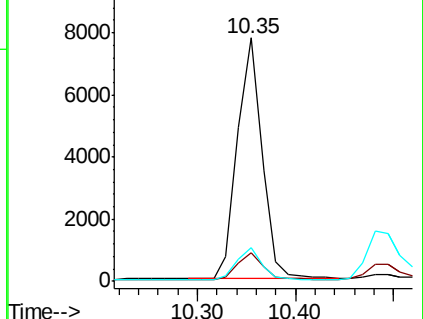
127 13.7 11.4 17.2



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: 0.392 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.03 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

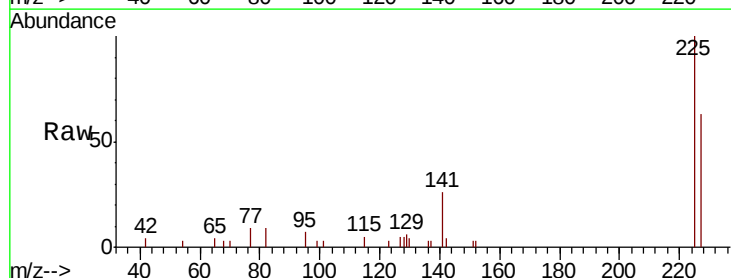
Tgt Ion:225 Resp: 3109

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

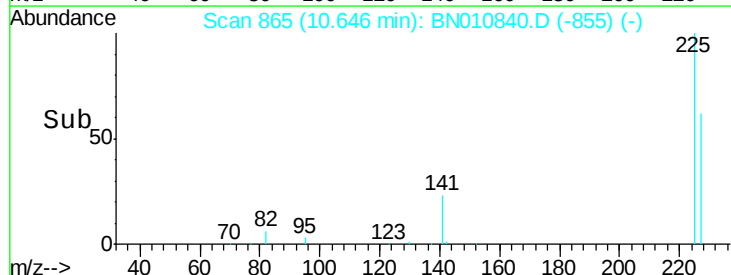
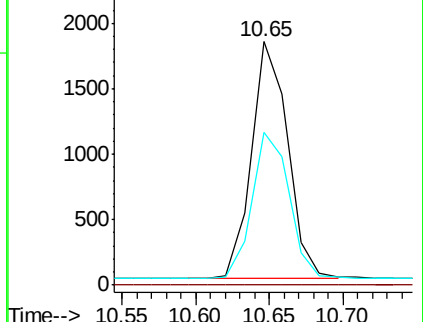
227 63.4 50.5 75.7

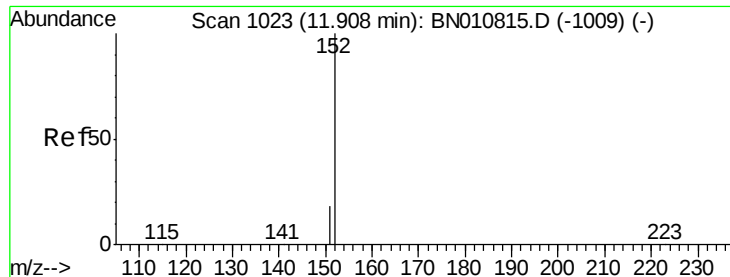


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

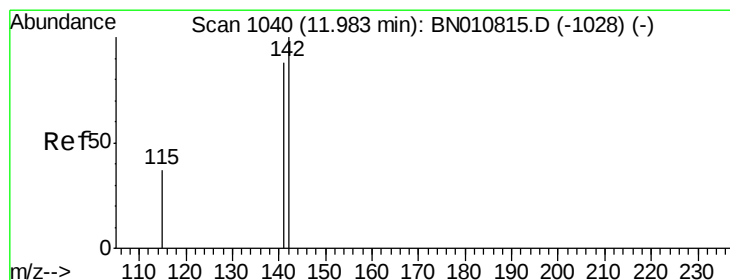
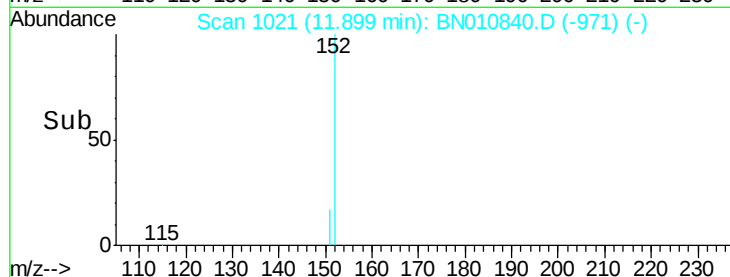
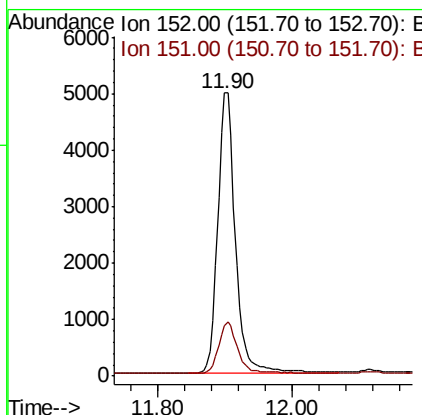
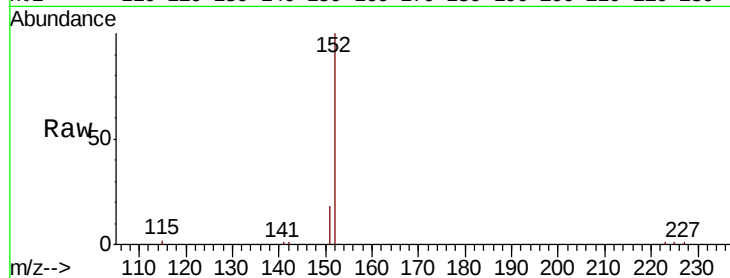




#11
 2-Methylnaphthalene-d10
 Concen: 0.458 ng
 RT: 11.90 min Scan# 1021
 Delta R.T. 0.02 min
 Lab File: BN010840.D
 Acq: 12 Jun 2020 09:14

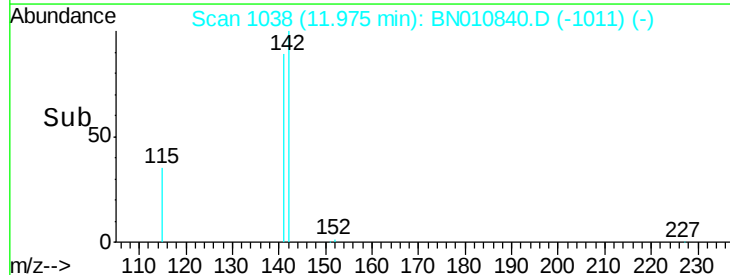
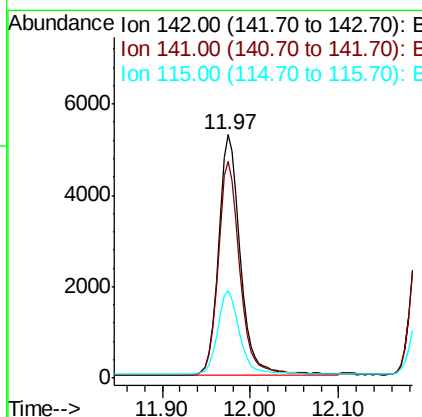
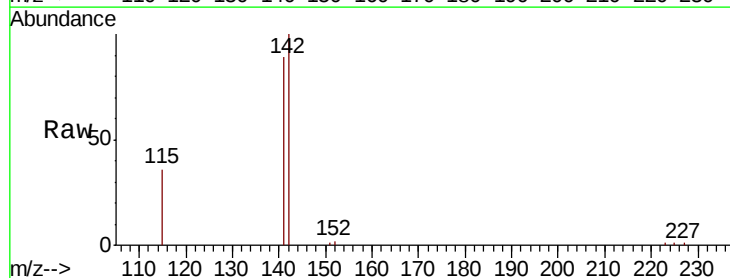
Instrument :
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 SSTDCCC0.4

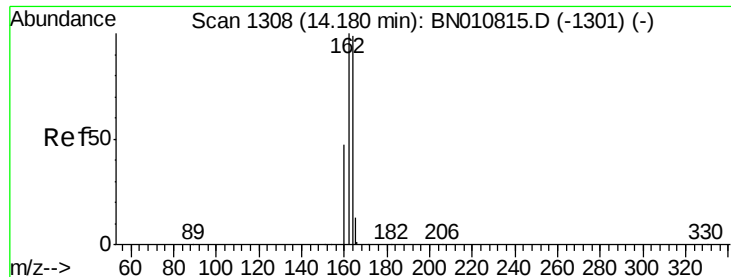
Tot Ion:152 Resp: 9074
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.429 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. 0.02 min
 Lab File: BN010840.D
 Acq: 12 Jun 2020 09:14

Tgt Ion:142 Resp: 9205
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 35.8 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.03 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

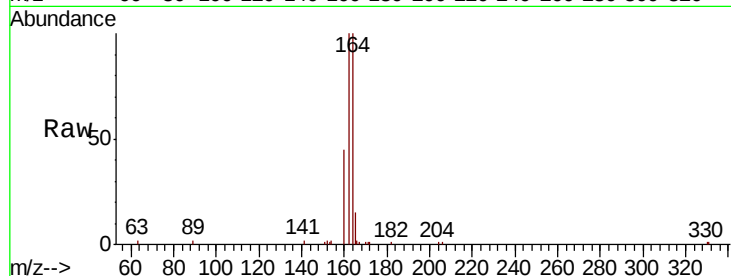
Tot Ion:164 Resp: 7133

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

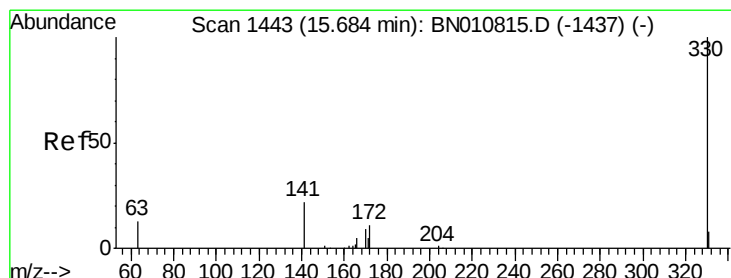
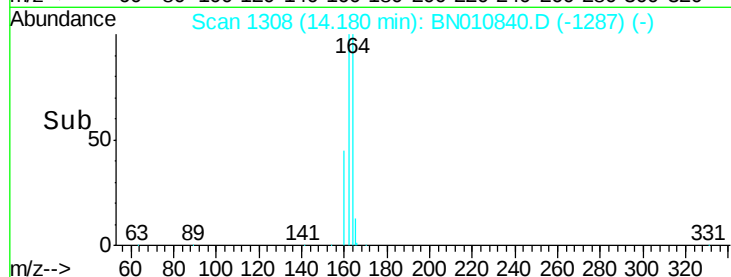
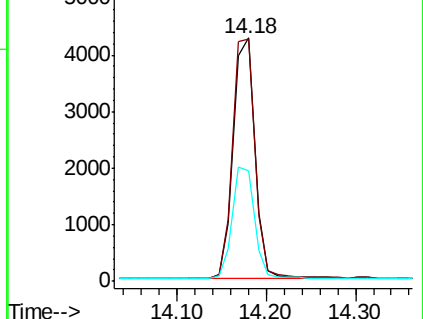
160 45.2 38.9 58.3



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: 0.445 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

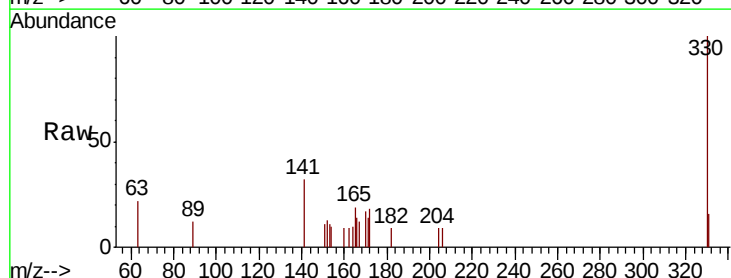
Tgt Ion:330 Resp: 1136

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

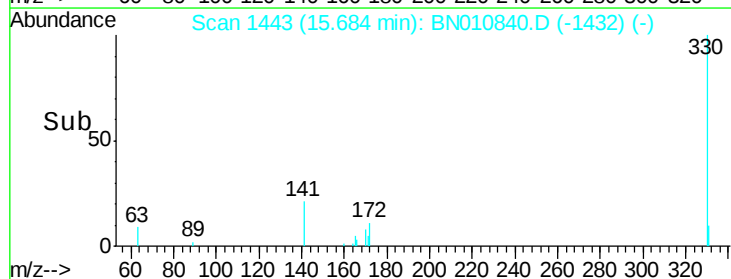
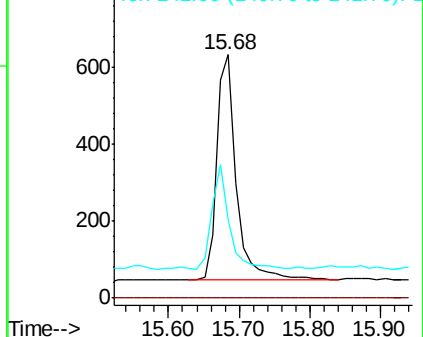
141 39.7 33.2 49.8



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

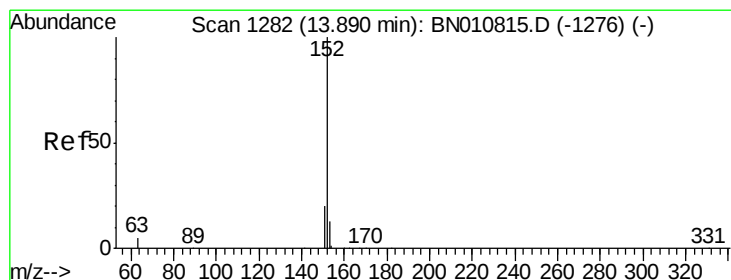
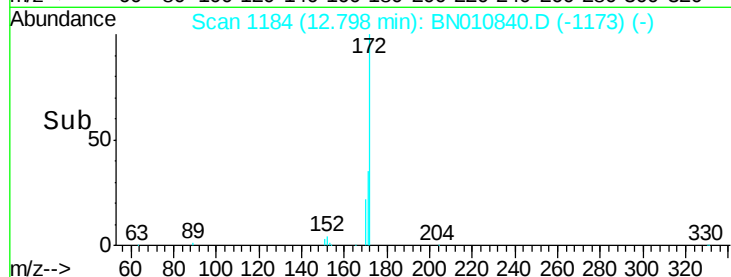
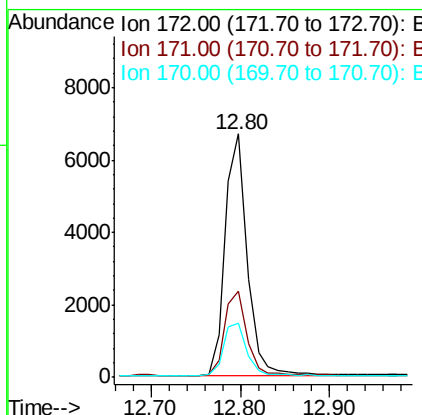
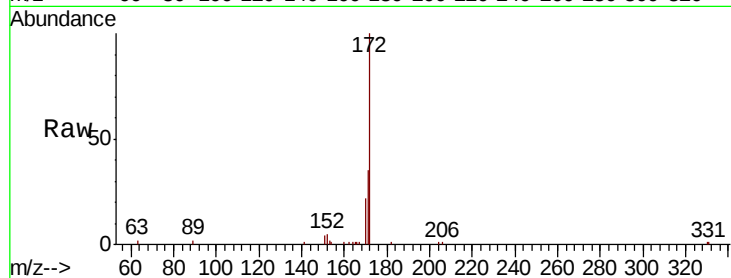




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.02 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

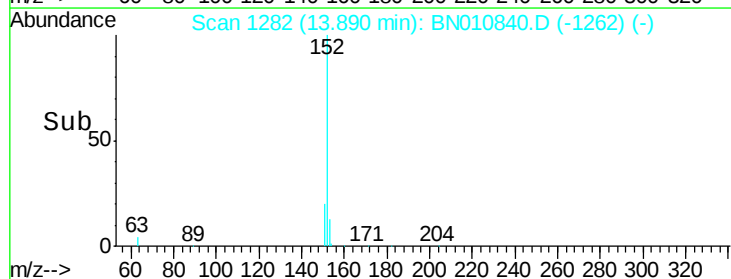
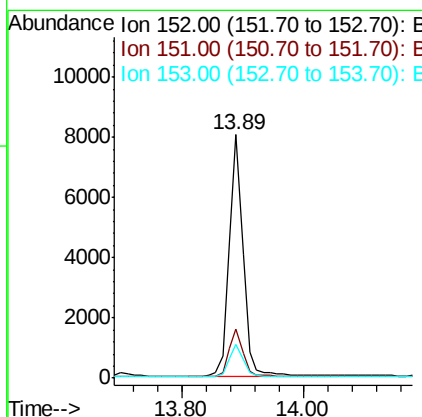
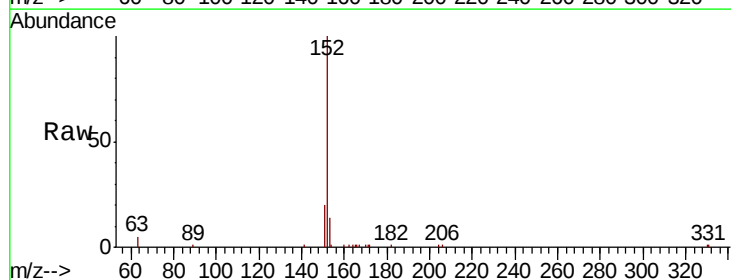
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

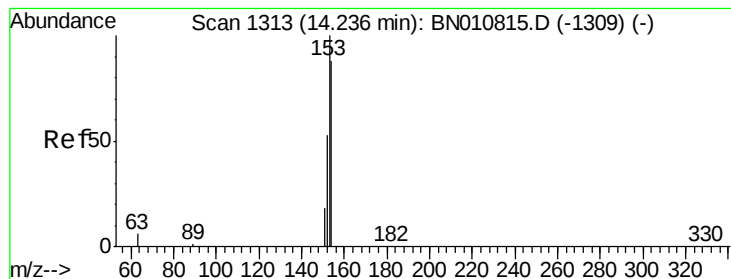
Tot Ion:172 Resp: 11538
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.5 19.7 29.5



#16
Acenaphthylene
Concen: 0.434 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:152 Resp: 12692
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.421 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

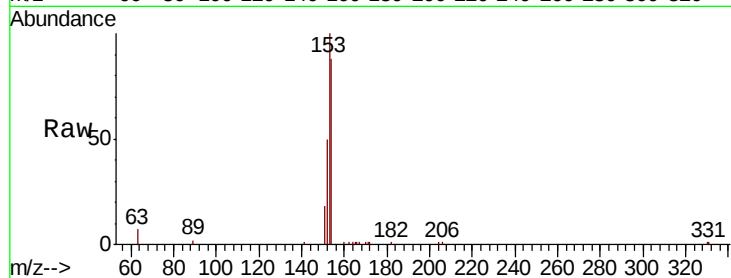
Tot Ion:154 Resp: 8391

Ion Ratio Lower Upper

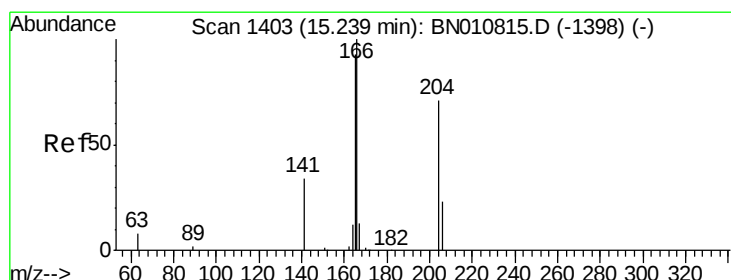
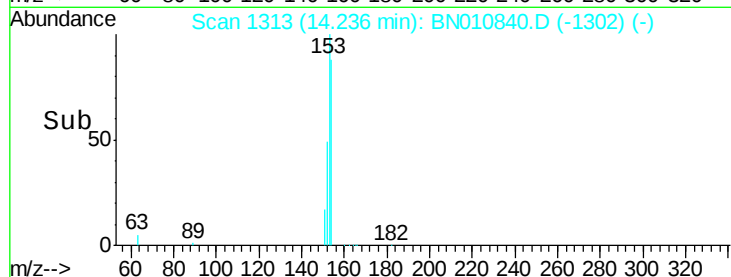
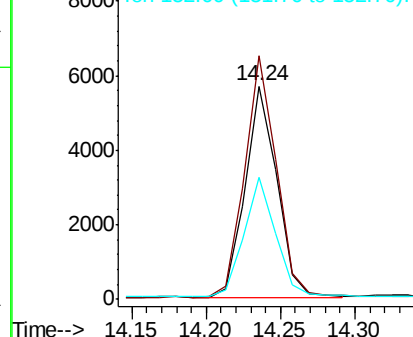
154 100

153 114.4 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: 0.417 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

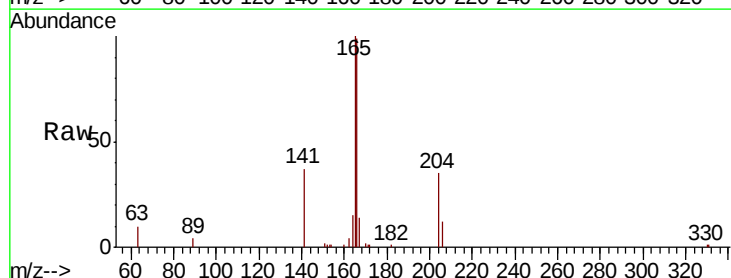
Tgt Ion:166 Resp: 10713

Ion Ratio Lower Upper

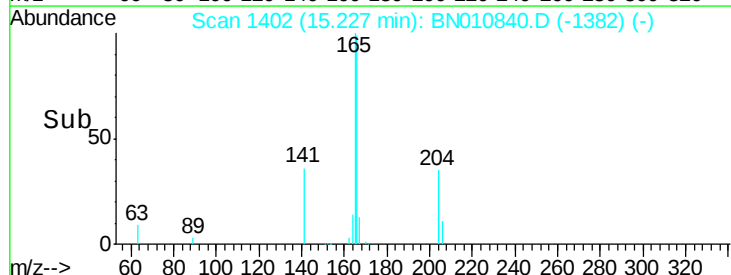
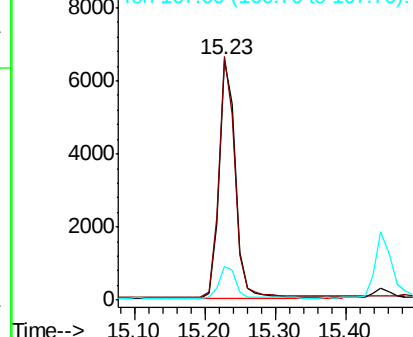
166 100

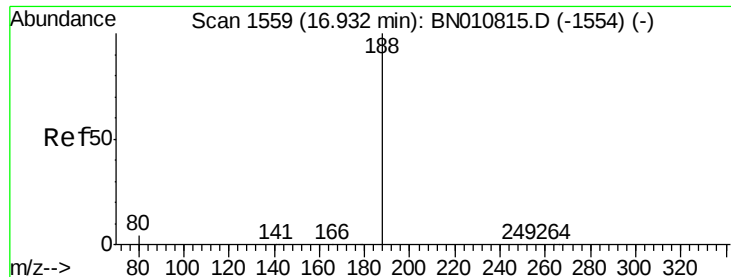
165 99.0 77.2 115.8

167 13.6 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. 0.01 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

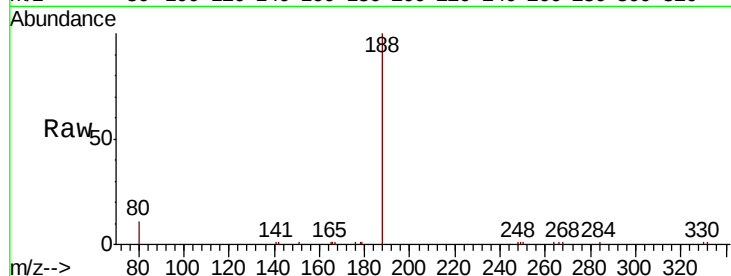
Tot Ion:188 Resp: 14808

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

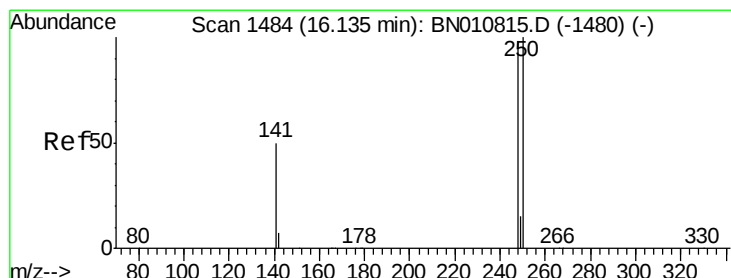
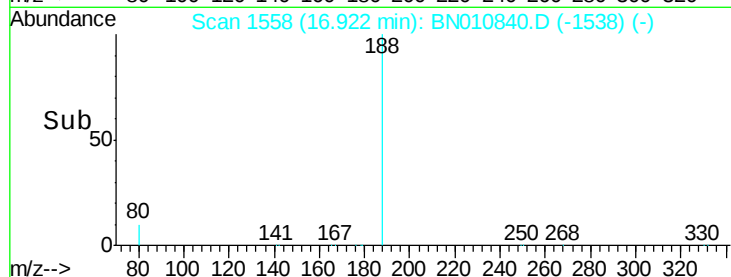
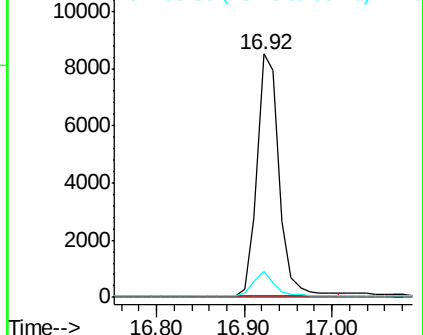
80 10.7 4.5 6.7#



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: 0.388 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

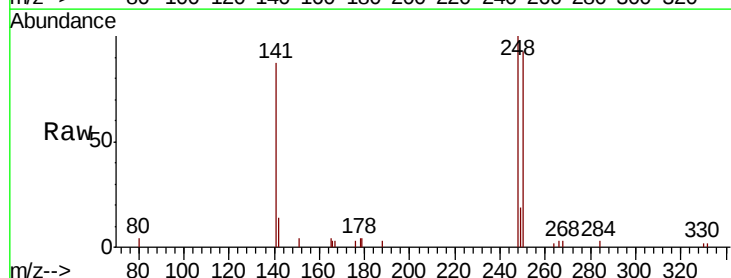
Tgt Ion:248 Resp: 3453

Ion Ratio Lower Upper

248 100

250 93.3 81.8 122.8

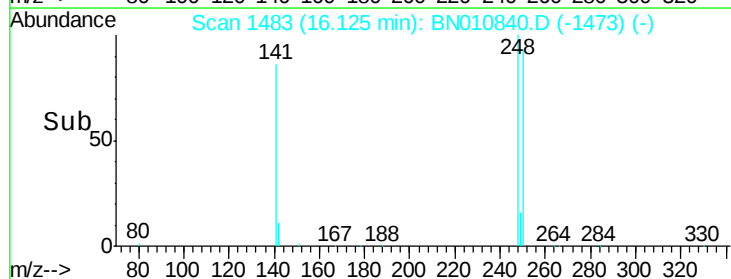
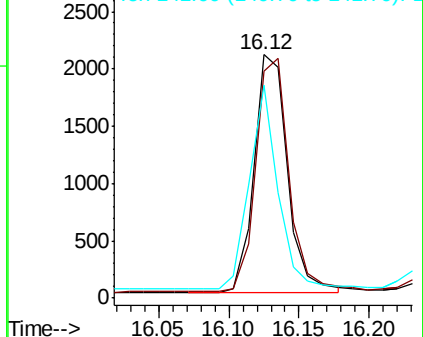
141 87.4 42.6 64.0#

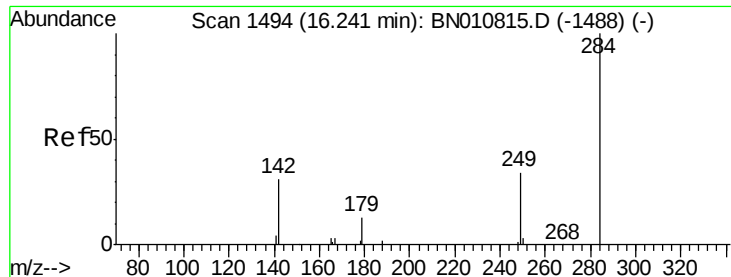


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

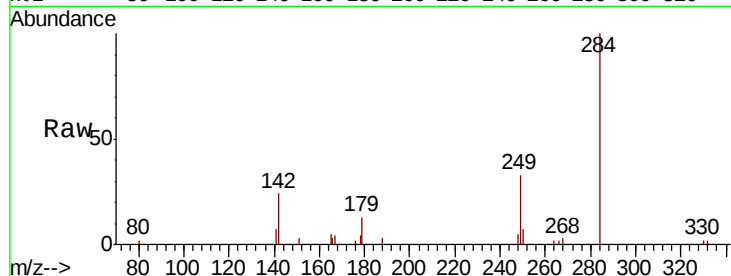




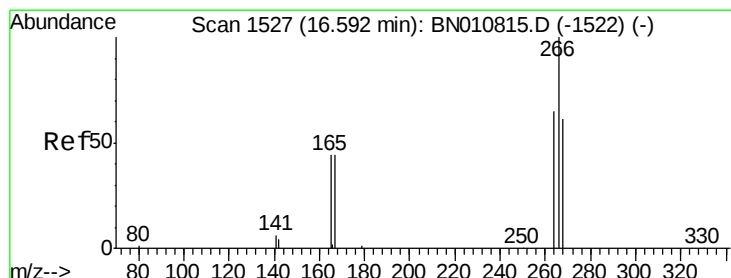
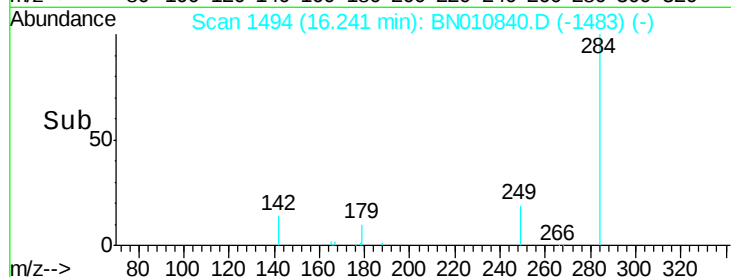
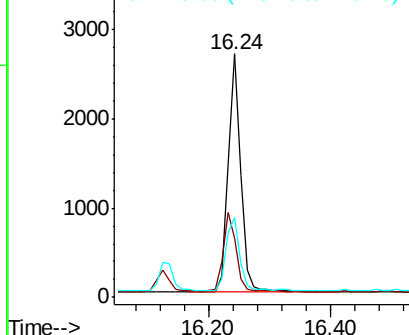
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 3869
Ion Ratio Lower Upper
284 100
142 34.0 31.0 46.4
249 34.1 27.1 40.7

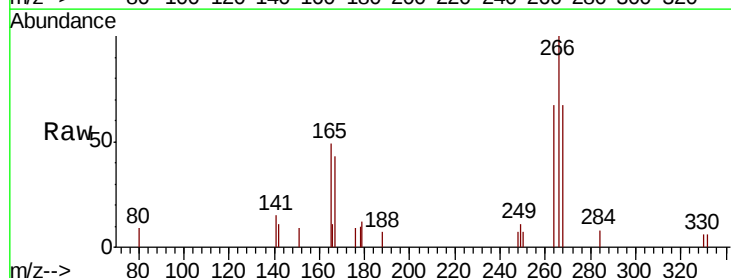


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

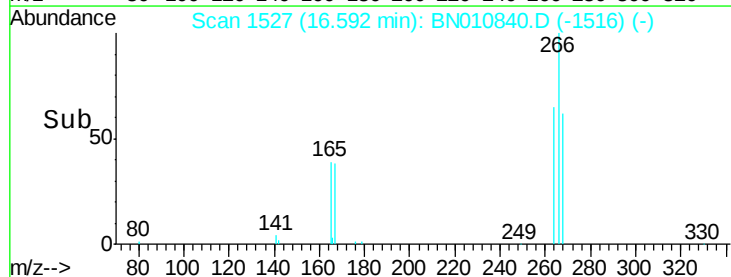
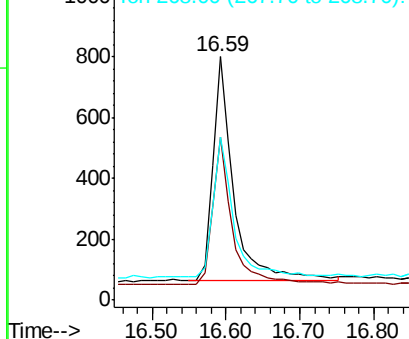


#22
Pentachlorophenol
Concen: 0.461 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.02 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:266 Resp: 1437
Ion Ratio Lower Upper
266 100
264 66.8 54.8 82.2
268 66.8 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: 16.96 min Scan# 1562

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

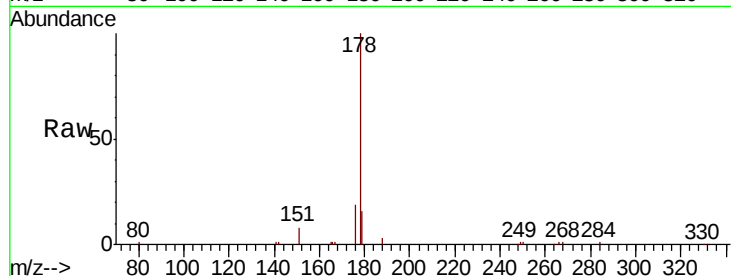
Tot Ion:178 Resp: 17242

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

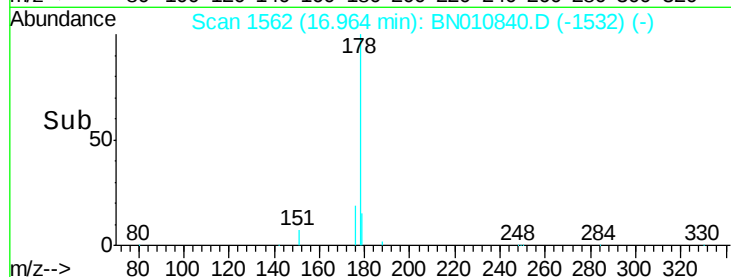
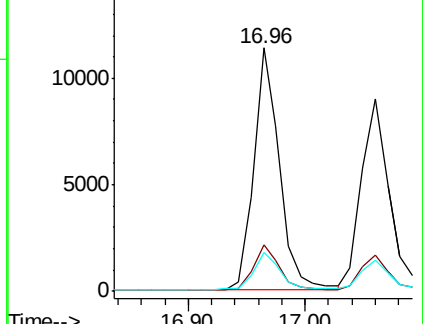
179 15.6 12.6 19.0



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: 0.441 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

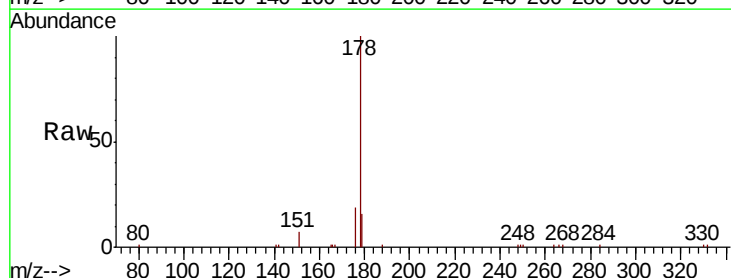
Tgt Ion:178 Resp: 14891

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

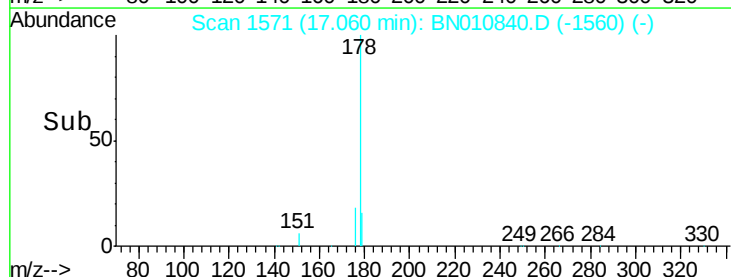
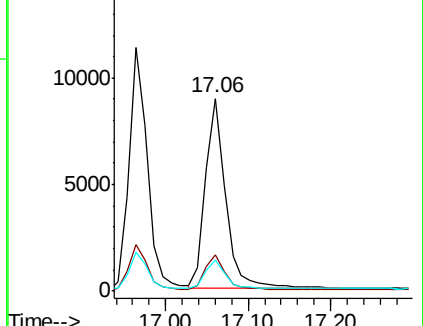
179 15.2 12.3 18.5

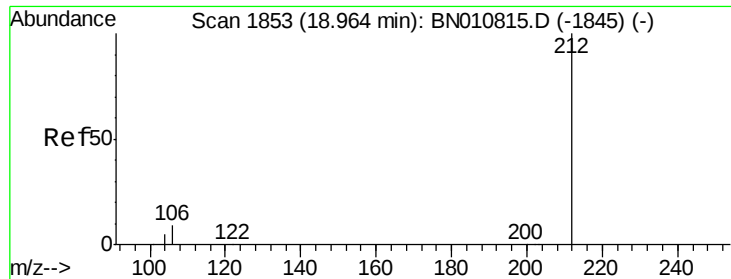


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.480 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

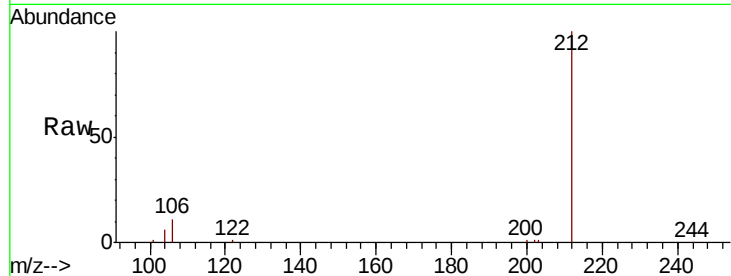
Tot Ion:212 Resp: 19602

Ion Ratio Lower Upper

212 100

106 10.2 6.6 10.0#

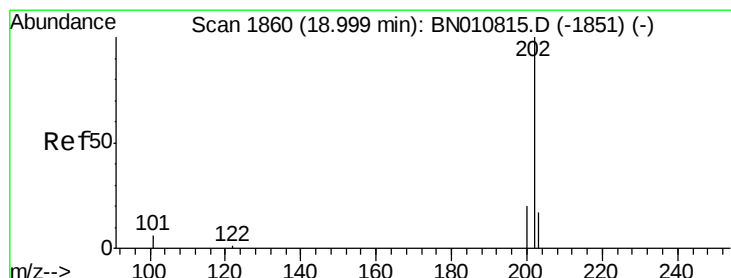
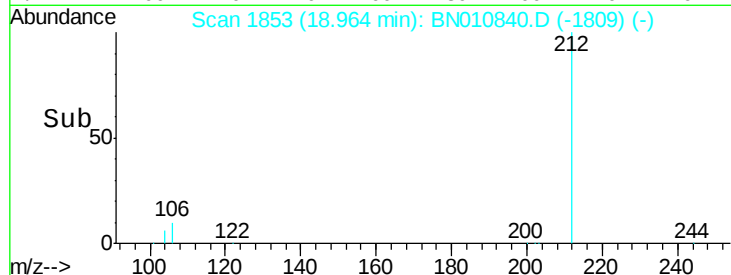
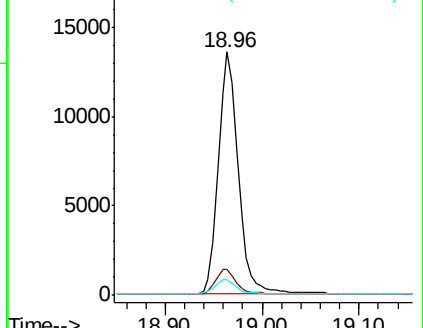
104 6.0 4.0 6.0#



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: 0.446 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

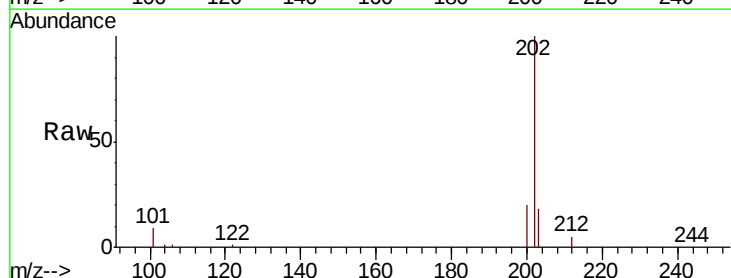
Tgt Ion:202 Resp: 20463

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

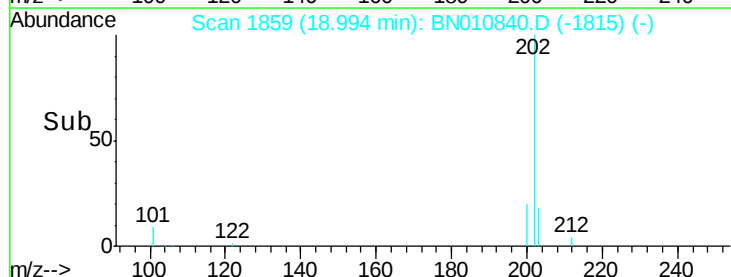
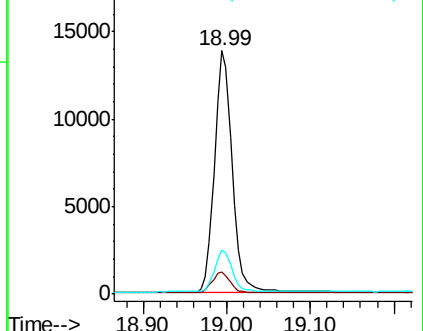
203 16.9 13.7 20.5



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

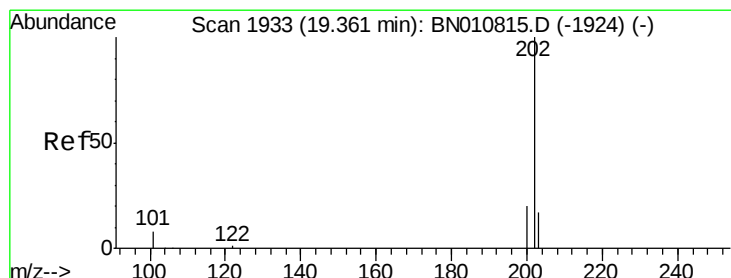
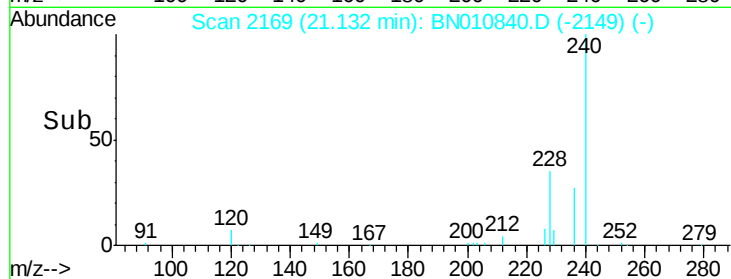
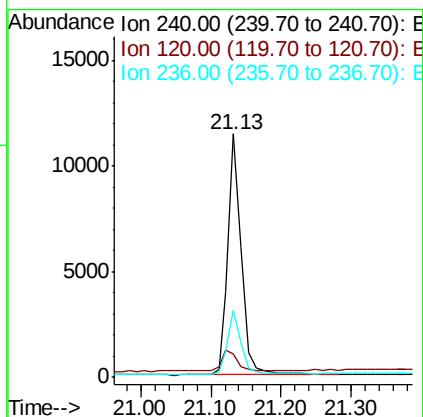
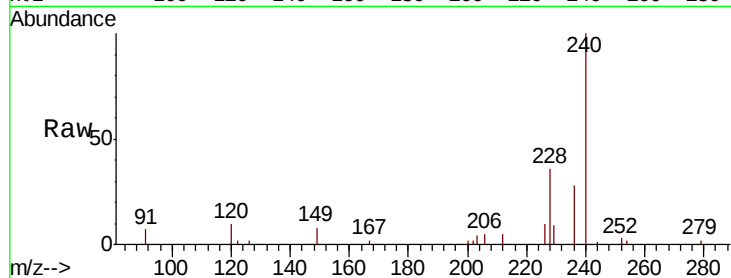




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

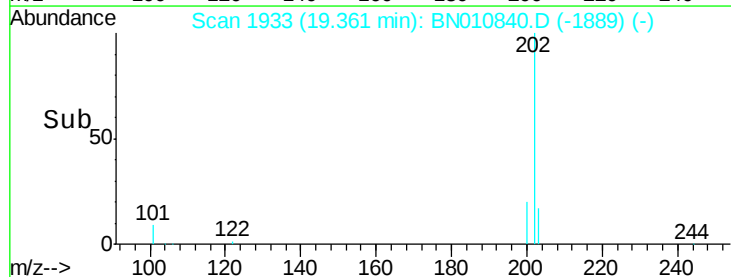
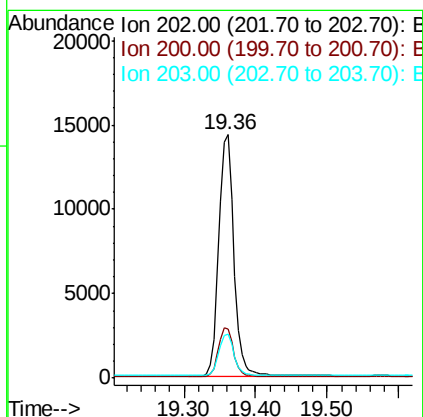
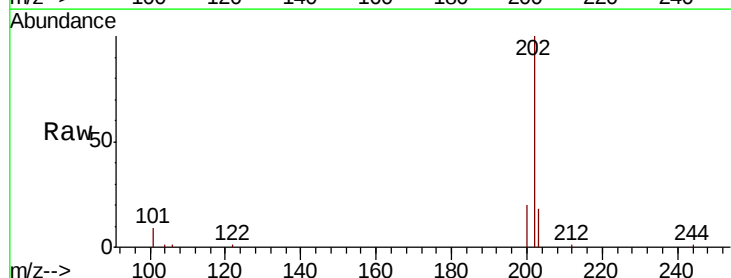
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

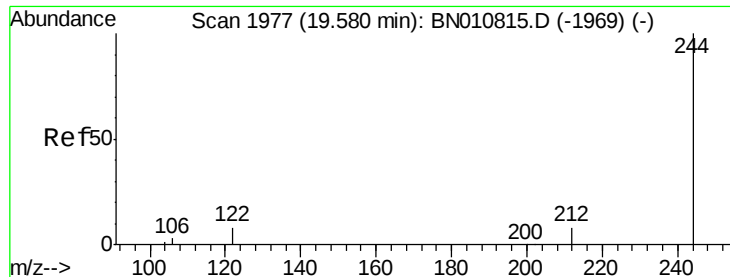
Tot Ion:240 Resp: 15251
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 27.6 22.3 33.5



#28
Pyrene
Concen: 0.418 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.02 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:202 Resp: 21071
Ion Ratio Lower Upper
202 100
200 20.2 16.4 24.6
203 17.5 14.2 21.4





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

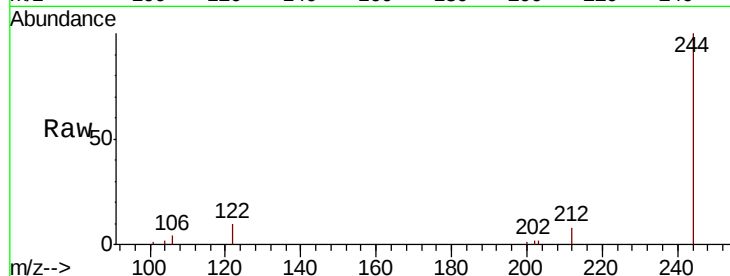
Tot Ion:244 Resp: 14604

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

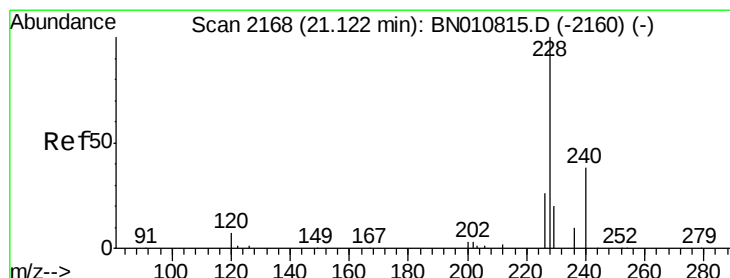
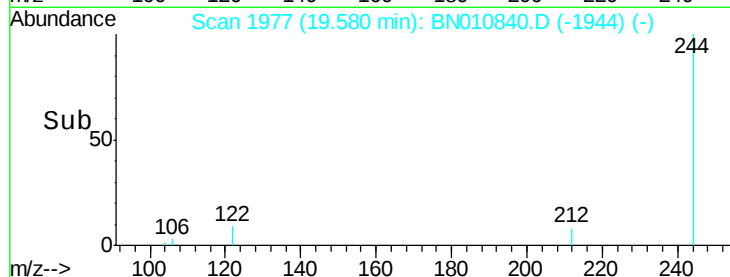
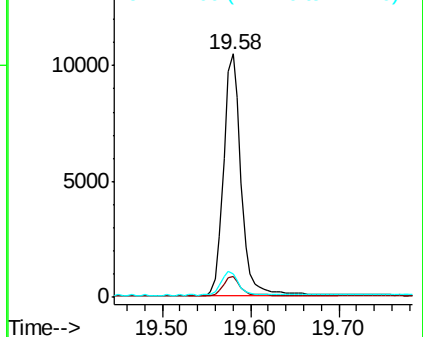
122 9.8 7.5 11.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.457 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

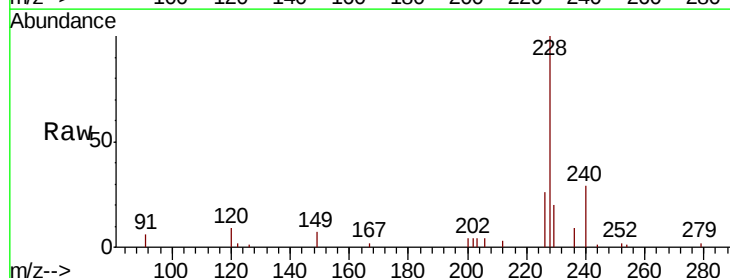
Tgt Ion:228 Resp: 20473

Ion Ratio Lower Upper

228 100

226 26.0 21.3 31.9

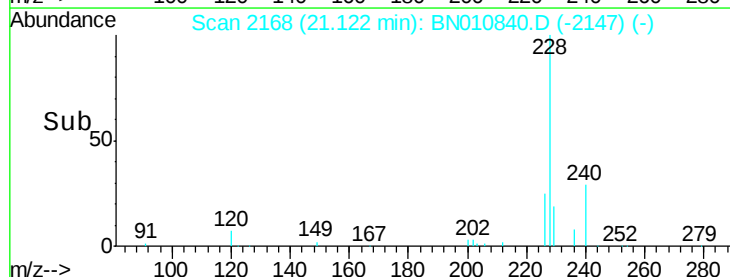
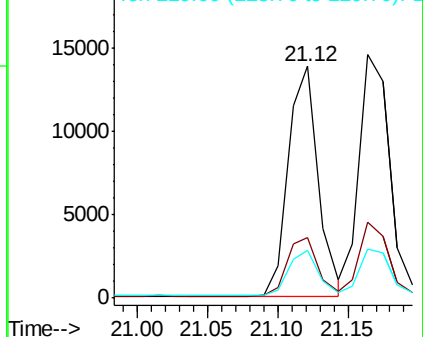
229 20.4 16.6 24.8

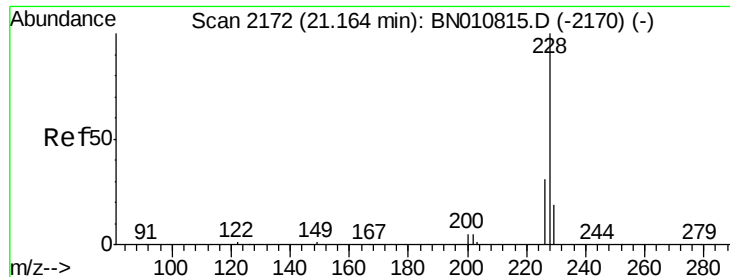


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.419 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

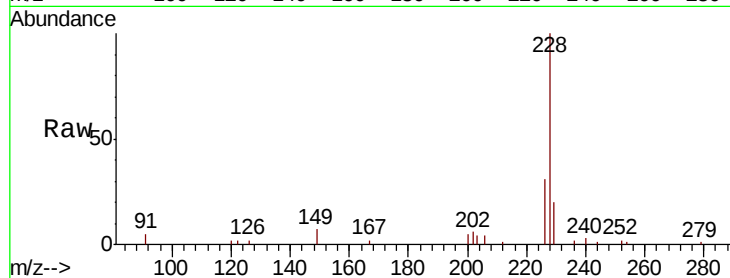
Tot Ion:228 Resp: 21869

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

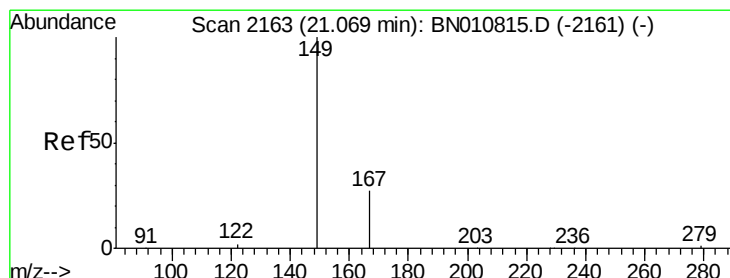
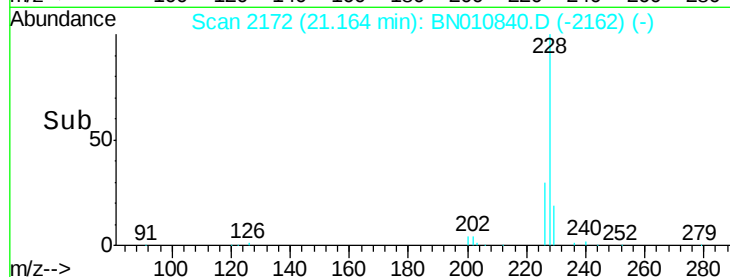
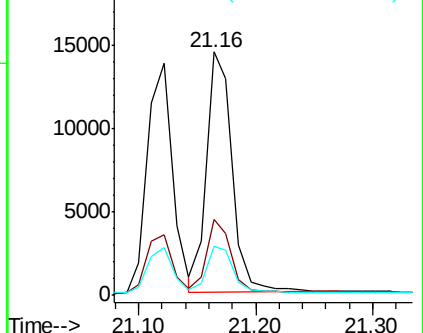
229 20.2 16.1 24.1



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: 0.596 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

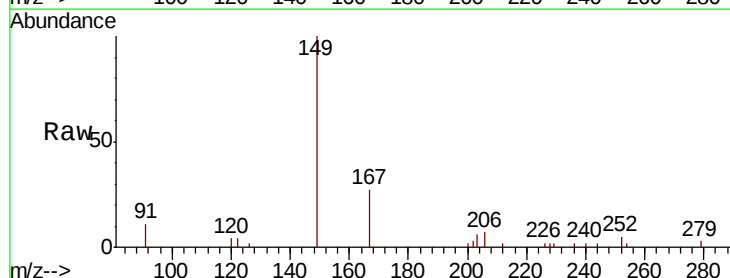
Tgt Ion:149 Resp: 8902

Ion Ratio Lower Upper

149 100

167 28.3 24.1 36.1

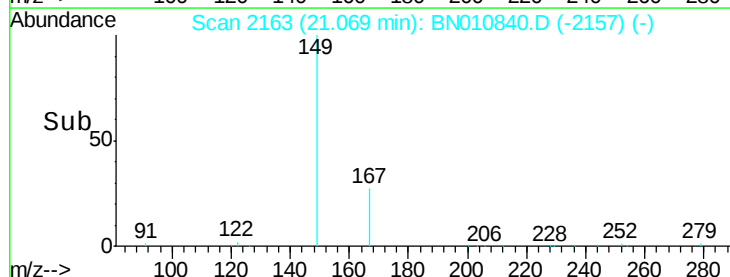
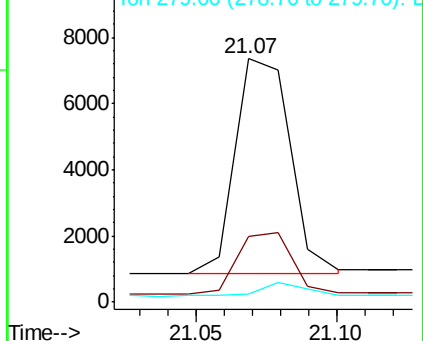
279 5.2 4.6 7.0

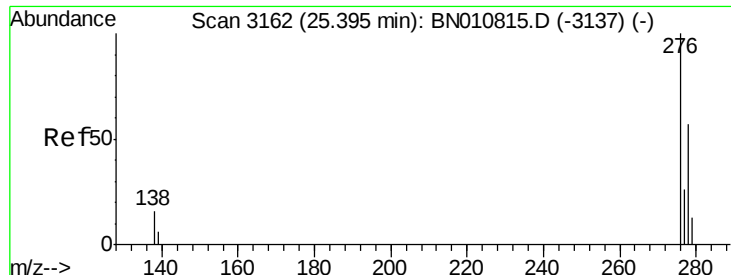


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.429 ng

RT: 25.40 min Scan# 3163

Delta R.T. 0.03 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

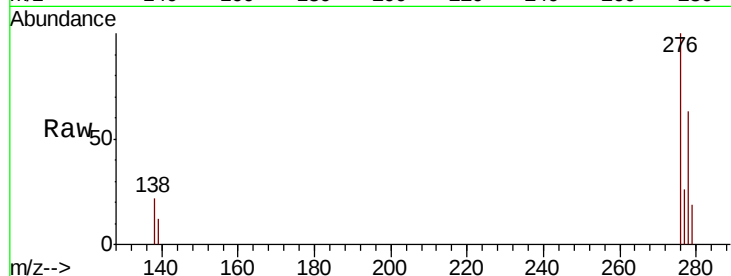
Tot Ion:276 Resp: 25060

Ion Ratio Lower Upper

276 100

138 20.2 13.0 19.6#

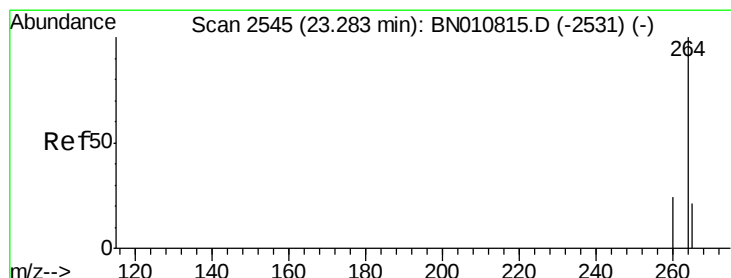
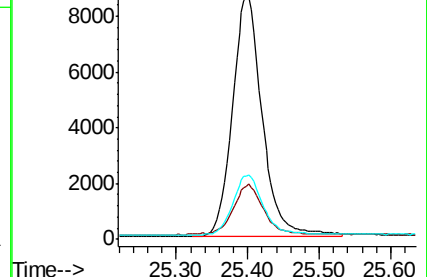
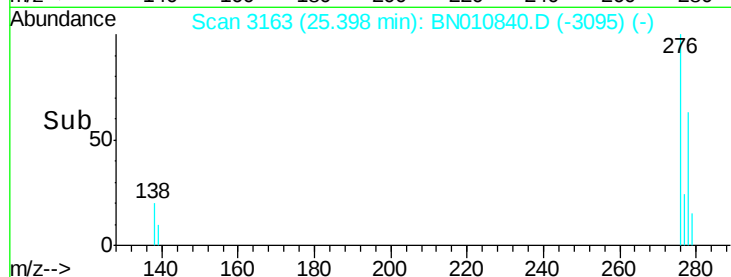
277 25.1 19.7 29.5



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# 2545

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

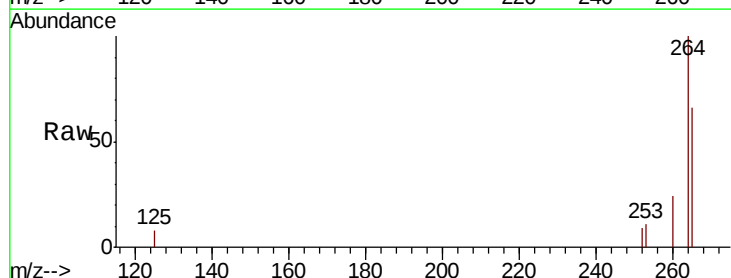
Tgt Ion:264 Resp: 16639

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

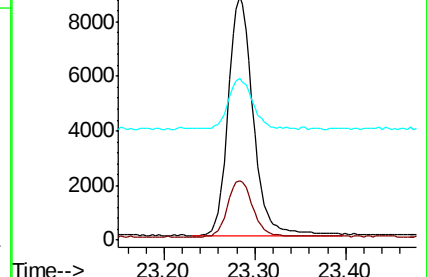
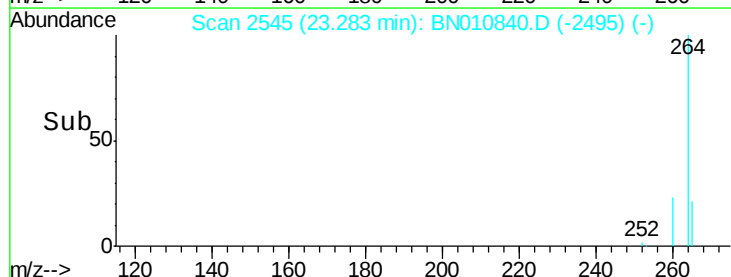
265 66.5 75.0 112.4#

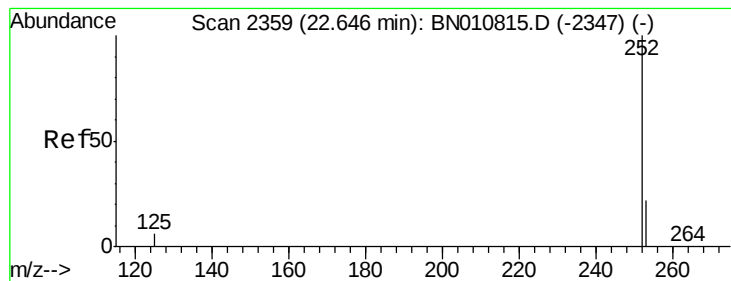


Abundance Ion 264.00 (263.70 to 264.70): E

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: 22.65 min Scan# 2360

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

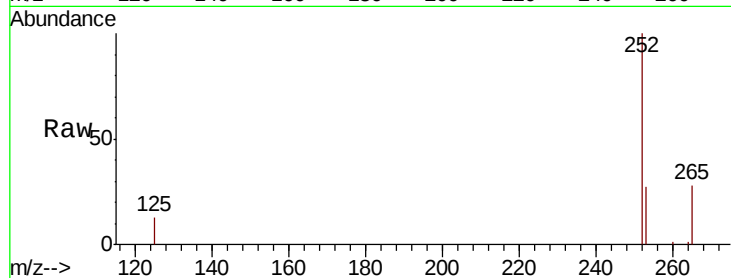
Tot Ion:252 Resp: 21787

Ion Ratio Lower Upper

252 100

253 27.0 22.4 33.6

125 12.6 9.4 14.0

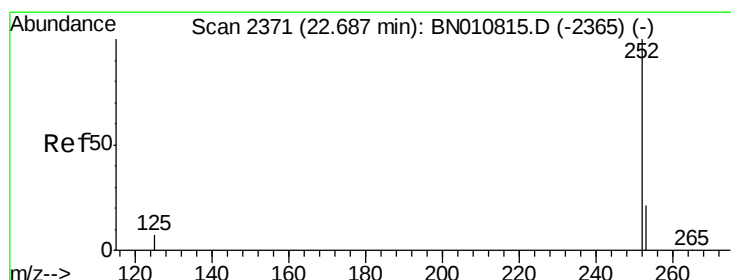
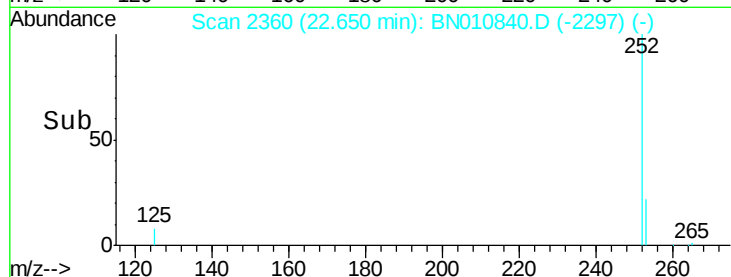
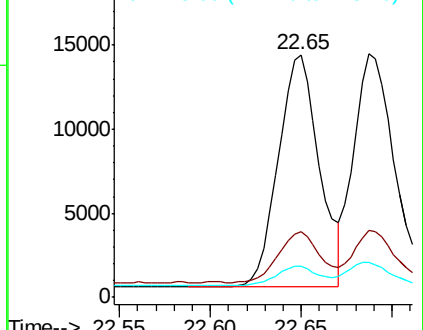


Abundance

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: BN010840.D

Acq: 12 Jun 2020 09:14

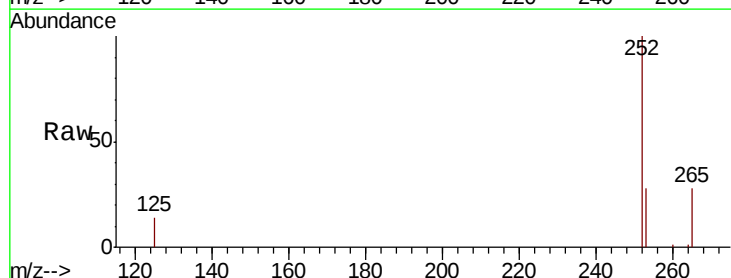
Tgt Ion:252 Resp: 22216

Ion Ratio Lower Upper

252 100

253 27.6 22.2 33.4

125 14.3 9.8 14.8

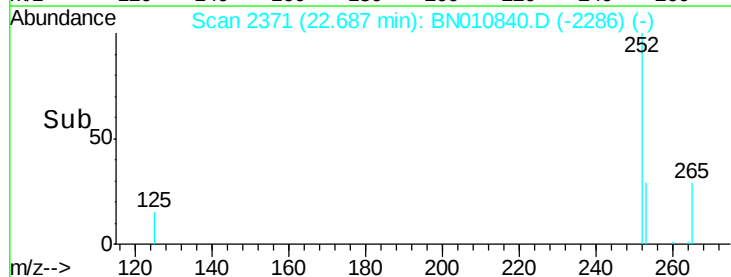
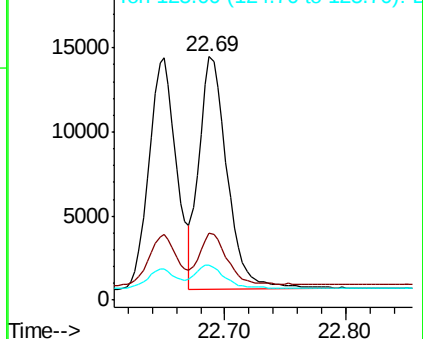


Abundance

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: 0.412 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

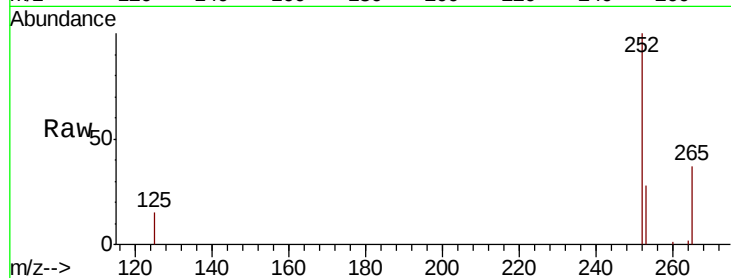
Tot Ion:252 Resp: 19988

Ion Ratio Lower Upper

252 100

253 28.4 25.8 38.8

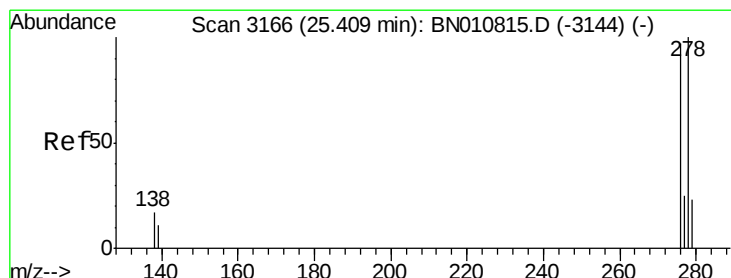
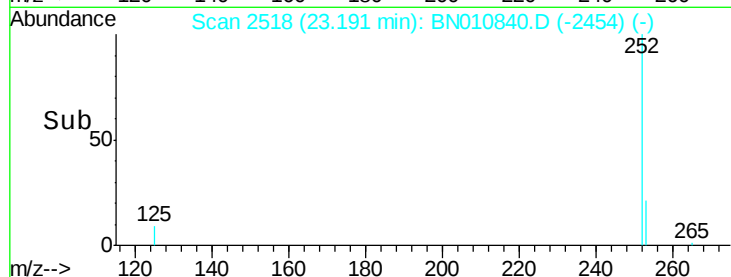
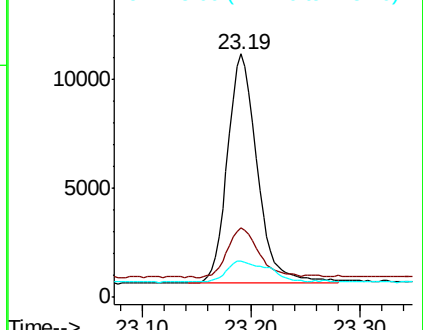
125 15.0 12.4 18.6



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: 25.41 min Scan# 3166

Delta R.T. 0.02 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

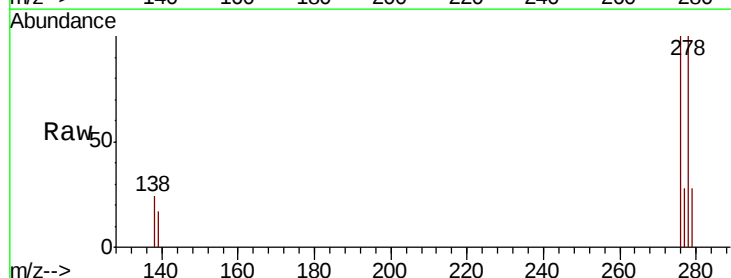
Tgt Ion:278 Resp: 20467

Ion Ratio Lower Upper

278 100

139 16.8 10.6 15.8#

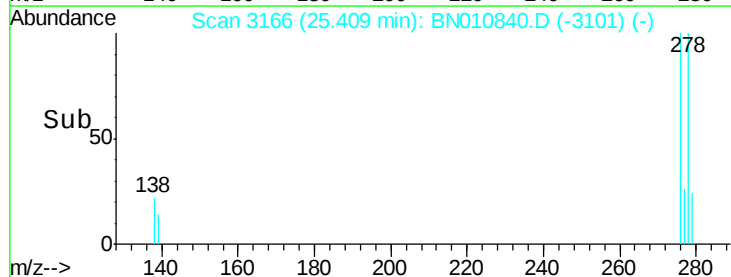
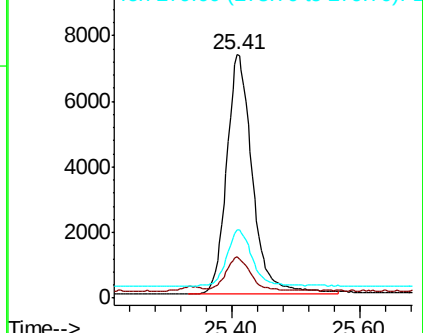
279 28.1 23.6 35.4



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: 0.360 ng

RT: 26.03 min Scan# 3349

Delta R.T. 0.04 min

Lab File: BN010840.D

Acq: 12 Jun 2020 09:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

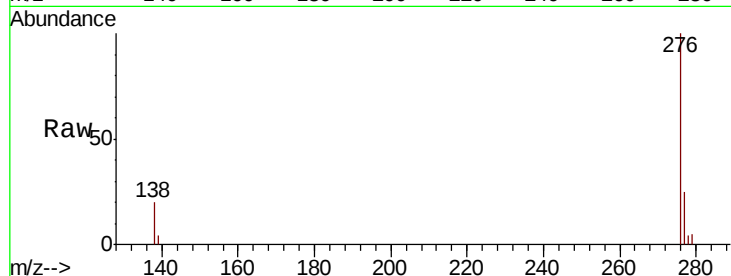
Tot Ion:276 Resp: 20824

Ion Ratio Lower Upper

276 100

277 25.4 20.5 30.7

138 20.2 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

