

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010813.D
 Acq On : 10 Jun 2020 11:39
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 10 13:43:40 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 13:41:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2865	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	10131	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	5819	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	12326	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	11075	0.40	ng	0.00
34) Perylene-d12	23.29	264	11268	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1740	0.30	ng	0.00
5) Phenol-d6	6.75	99	2081	0.31	ng	0.00
8) Nitrobenzene-d5	8.69	82	2292	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	4435	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	551	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	6481	0.29	ng	0.00
25) Fluoranthene-d10	18.97	212	8628	0.25	ng	0.00
29) Terphenyl-d14	19.58	244	7093	0.29	ng	0.00

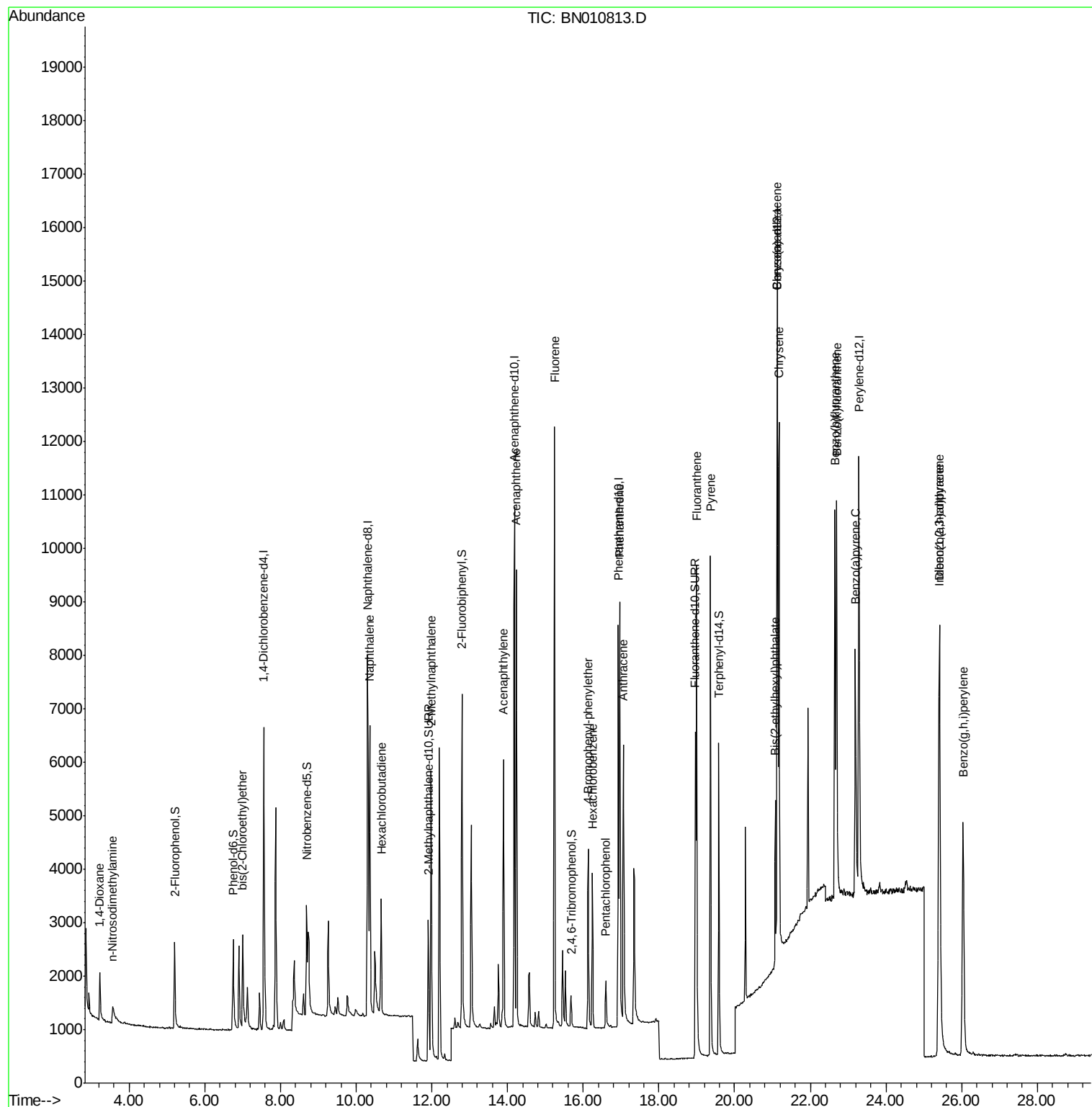
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	858	0.303	ng	99
3) n-Nitrosodimethylamine	3.56	42	413	0.250	ng	# 95
6) bis(2-Chloroethyl)ether	7.00	93	1844	0.287	ng	98
9) Naphthalene	10.35	128	7209	0.286	ng	99
10) Hexachlorobutadiene	10.66	225	1834	0.298	ng	# 100
12) 2-Methylnaphthalene	11.98	142	4793	0.287	ng	98
16) Acenaphthylene	13.89	152	6034	0.256	ng	99
17) Acenaphthene	14.24	154	4309	0.270	ng	99
18) Fluorene	15.24	166	5495	0.265	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	1862	0.259	ng	98
21) Hexachlorobenzene	16.24	284	2047	0.270	ng	99
22) Pentachlorophenol	16.59	266	638	0.247	ng	97
23) Phenanthrene	16.96	178	8683	0.261	ng	99
24) Anthracene	17.06	178	6878	0.244	ng	99
26) Fluoranthene	19.00	202	9486	0.246	ng	100
28) Pyrene	19.36	202	9451	0.269	ng	100
30) Benzo(a)anthracene	21.12	228	7967	0.245	ng	99
31) Chrysene	21.17	228	10185	0.276	ng	98
32) Bis(2-ethylhexyl)phthalate	21.08	149	2788	0.260	ng	96
33) Indeno(1,2,3-cd)pyrene	25.40	276	11306	0.255	ng	99
35) Benzo(b)fluoranthene	22.65	252	9234	0.252	ng	99
36) Benzo(k)fluoranthene	22.69	252	10454	0.259	ng	99
37) Benzo(a)pyrene	23.19	252	8020	0.245	ng	98
38) Dibenzo(a,h)anthracene	25.42	278	9170	0.249	ng	99
39) Benzo(g,h,i)perylene	26.04	276	9814	0.257	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 587

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

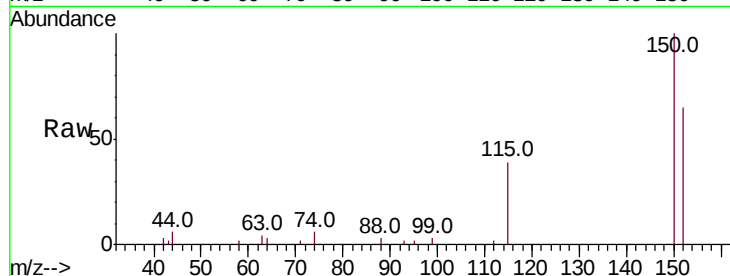
Tot Ion:152 Resp: 2865

Ion Ratio Lower Upper

152 100

150 153.8 123.8 185.6

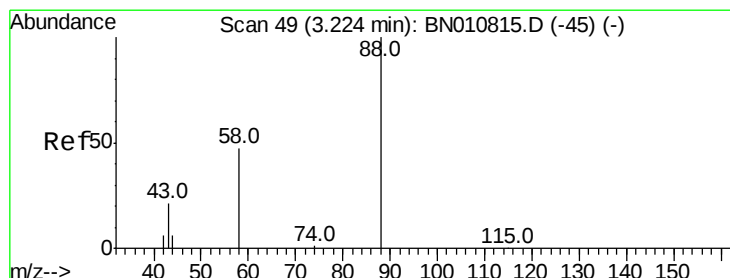
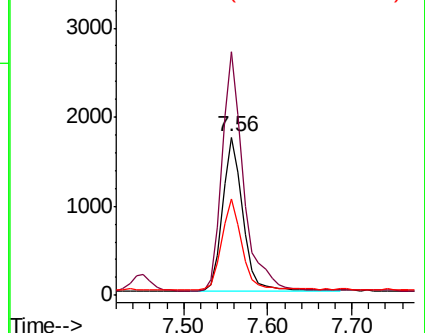
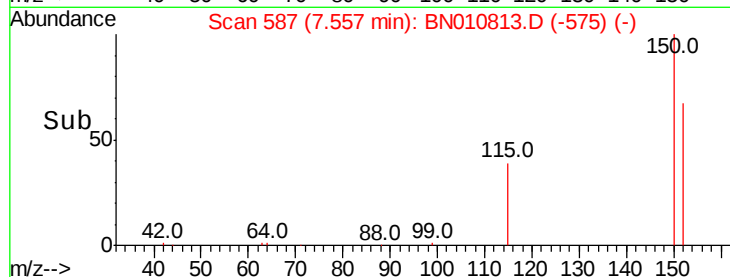
115 60.6 49.2 73.8



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: 0.303 ng

RT: 3.23 min Scan# 50

Delta R.T. 0.01 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

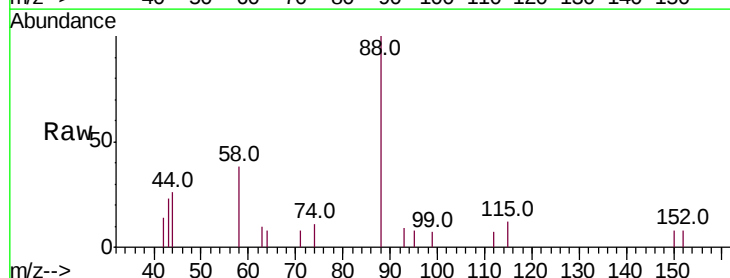
Tgt Ion: 88 Resp: 858

Ion Ratio Lower Upper

88 100

58 48.7 38.2 57.4

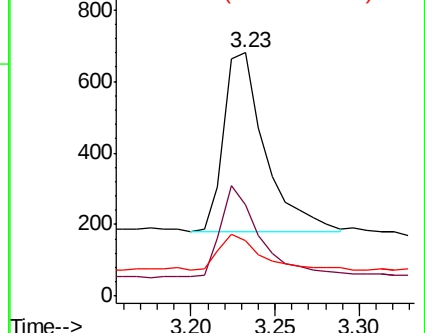
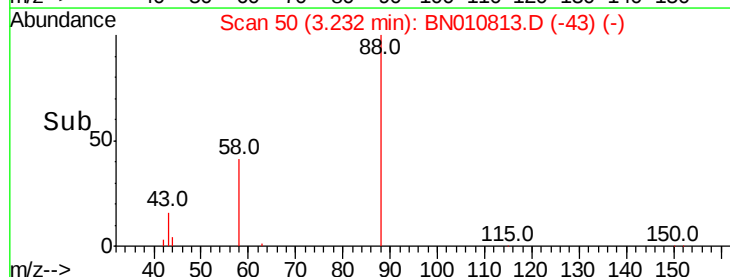
43 19.3 15.1 22.7



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: 0.250 ng

RT: 3.56 min Scan# 91

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

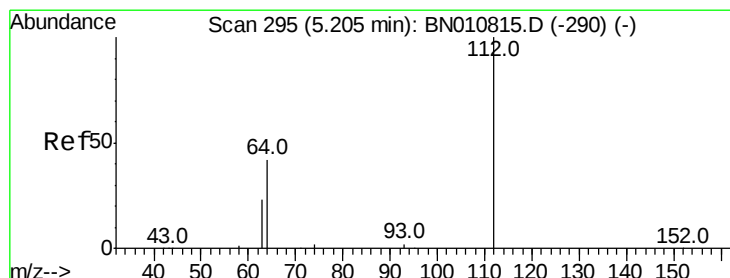
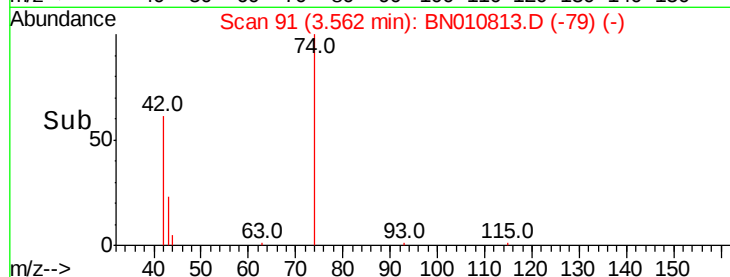
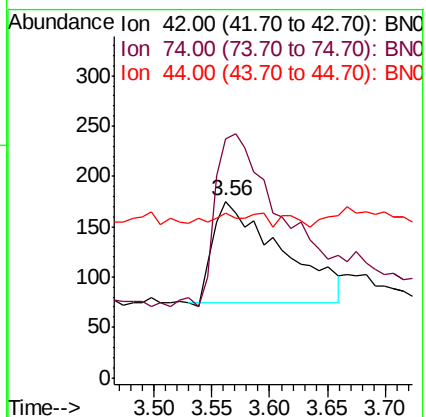
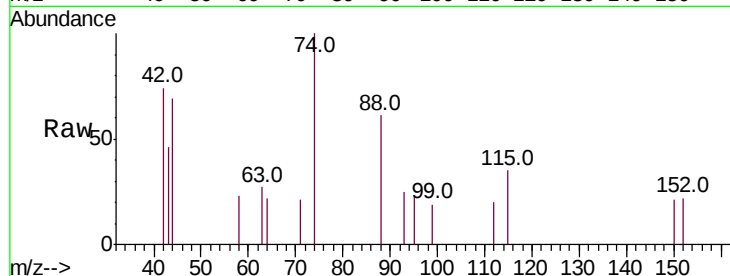
Tot Ion: 42 Resp: 413

Ion Ratio Lower Upper

42 100

74 168.8 140.7 211.1

44 4.1 1.4 2.2#



#4

2-Fluorophenol

Concen: 0.305 ng

RT: 5.21 min Scan# 295

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

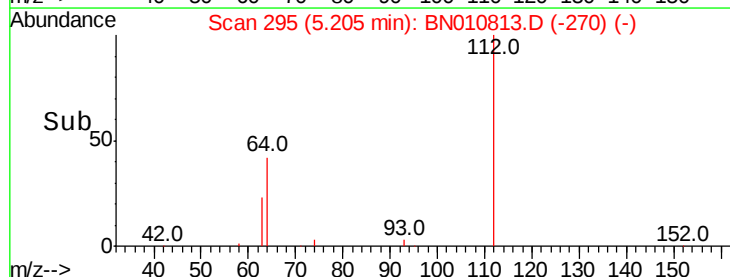
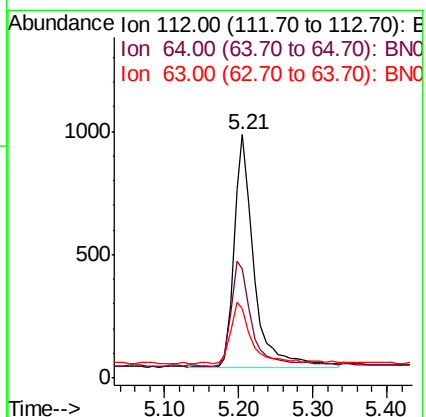
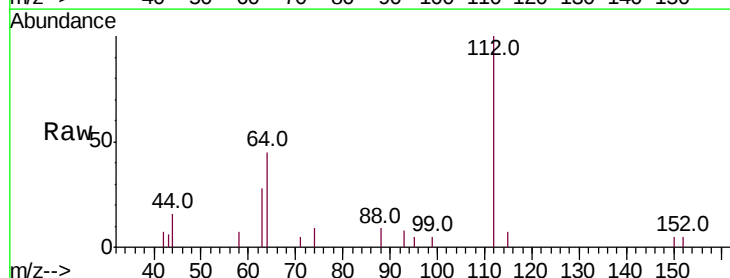
Tgt Ion: 112 Resp: 1740

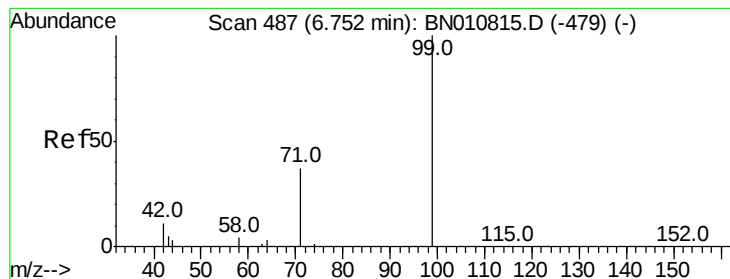
Ion Ratio Lower Upper

112 100

64 46.7 37.4 56.0

63 26.7 22.2 33.4





#5

Phenol-d6

Concen: 0.308 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

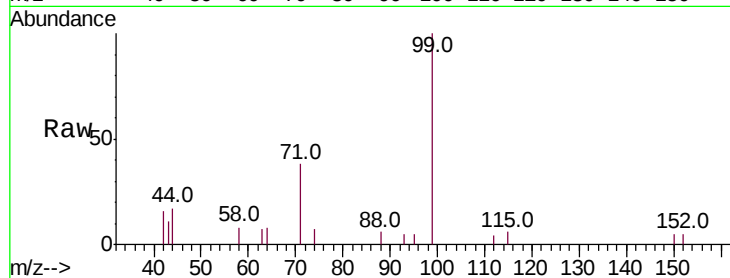
Tot Ion: 99 Resp: 2081

Ion Ratio Lower Upper

99 100

42 13.2 11.1 16.7

71 38.6 31.4 47.2

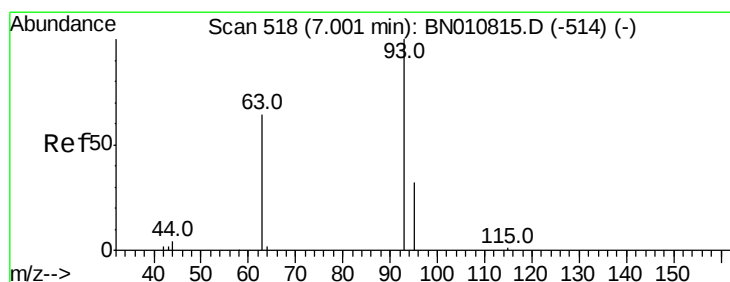
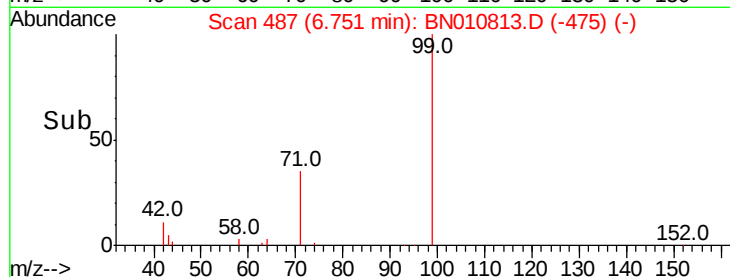
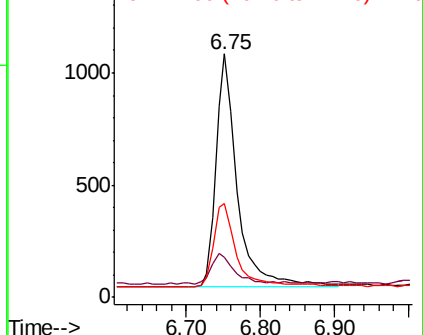


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.287 ng

RT: 7.00 min Scan# 518

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

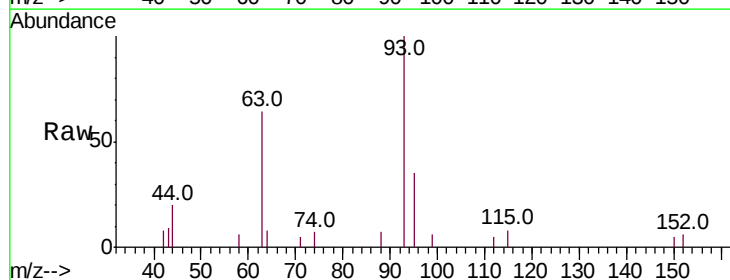
Tgt Ion: 93 Resp: 1844

Ion Ratio Lower Upper

93 100

63 62.4 49.4 74.2

95 35.3 26.7 40.1

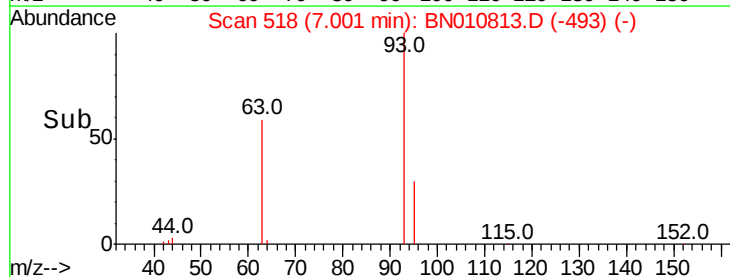
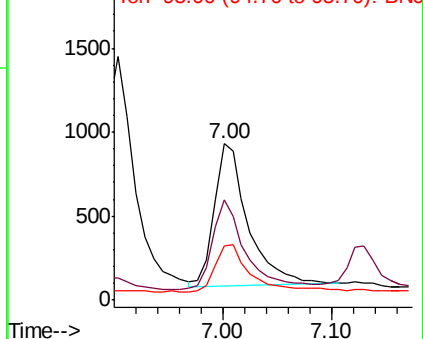


Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 10131

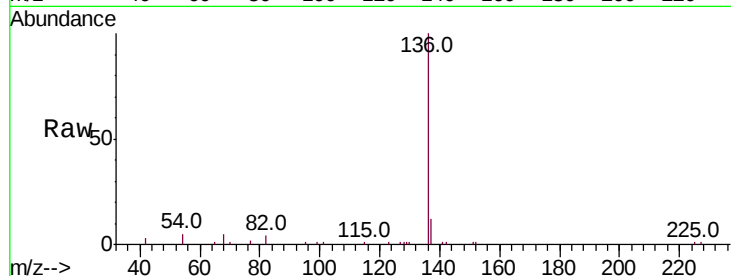
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 5.1 4.9 7.3

68 5.3 4.7 7.1

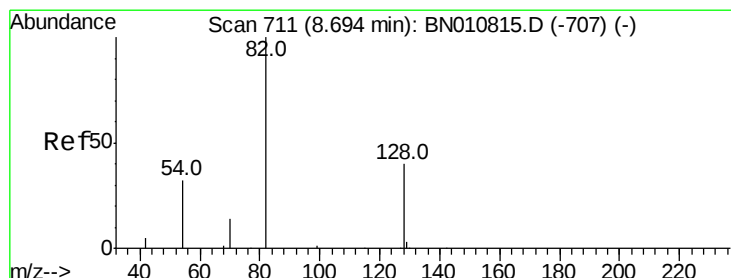
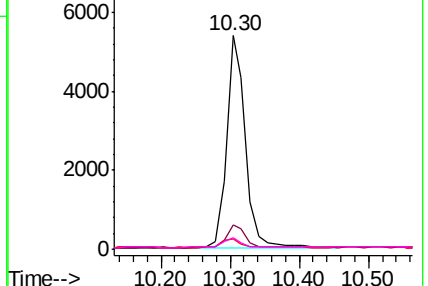
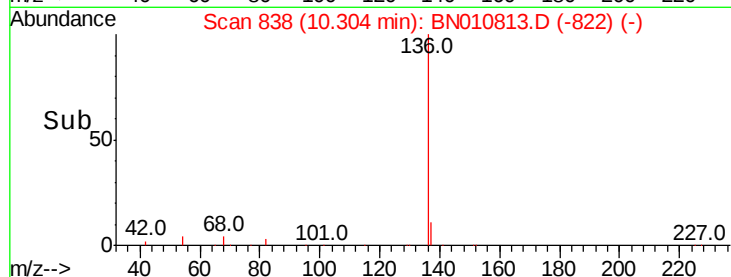


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.308 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

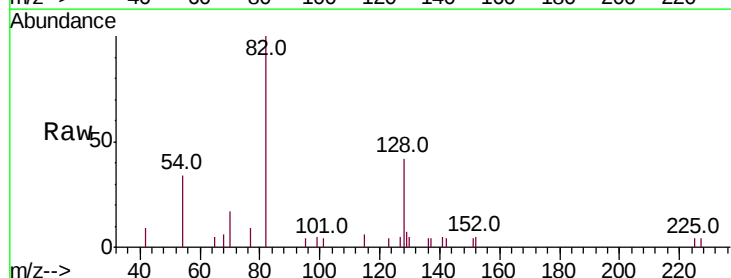
Tgt Ion: 82 Resp: 2292

Ion Ratio Lower Upper

82 100

128 42.3 35.4 53.0

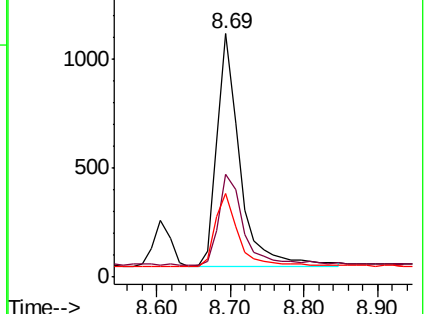
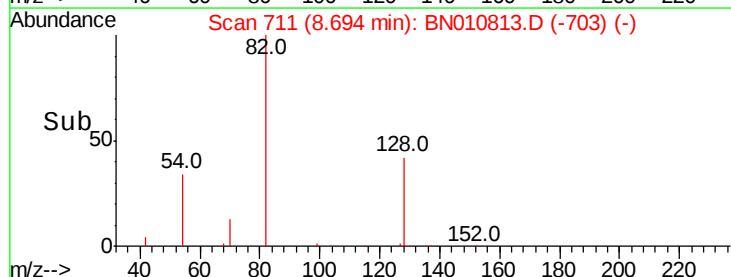
54 34.5 28.2 42.4



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: 0.286 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

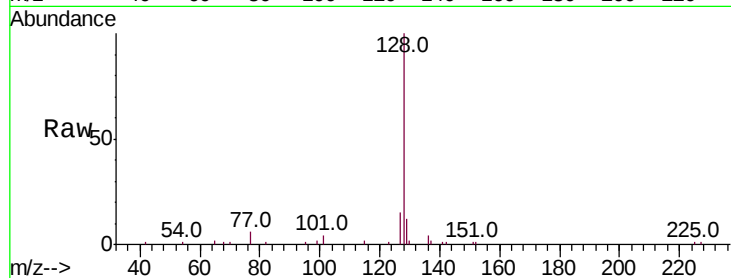
Tot Ion:128 Resp: 7209

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

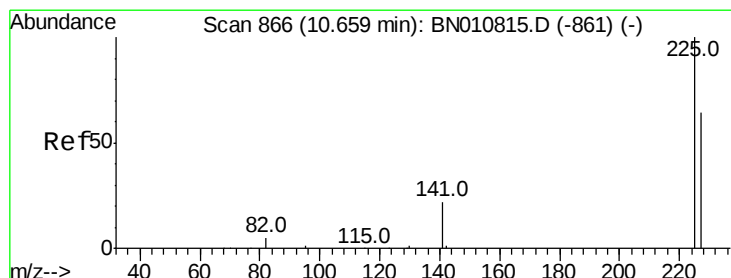
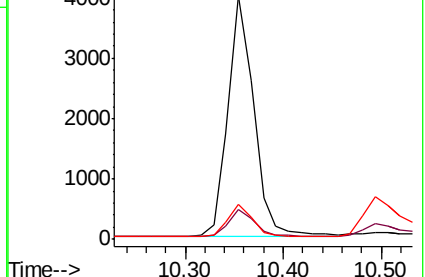
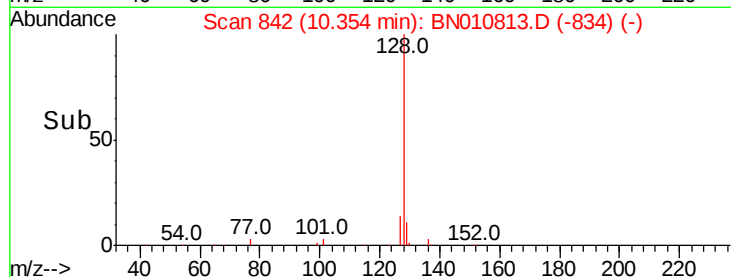
127 14.6 11.4 17.2



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: 0.298 ng

RT: 10.66 min Scan# 866

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

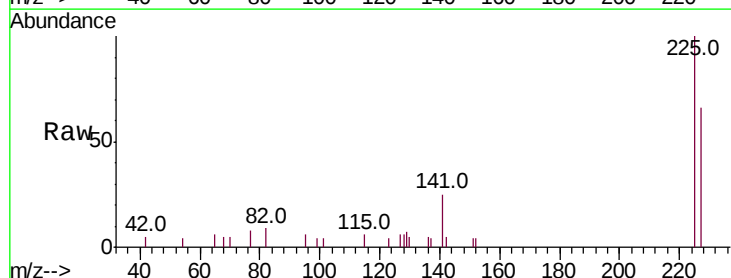
Tgt Ion:225 Resp: 1834

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

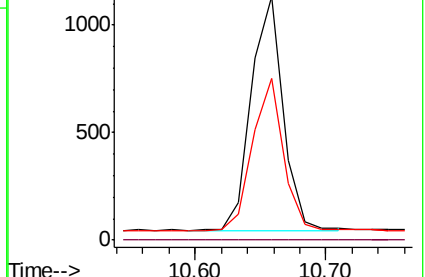
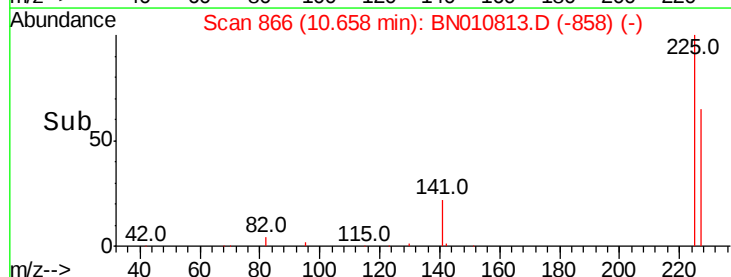
227 62.8 50.5 75.7

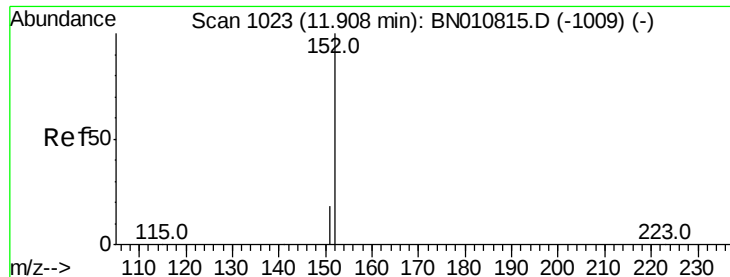


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

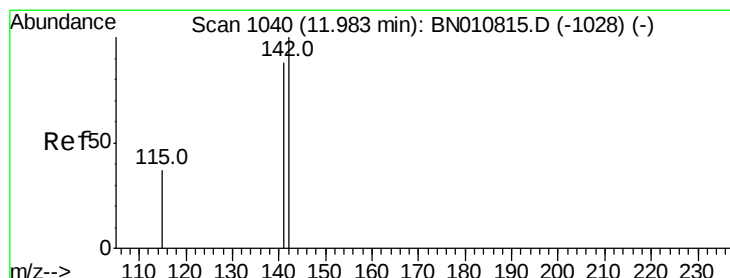
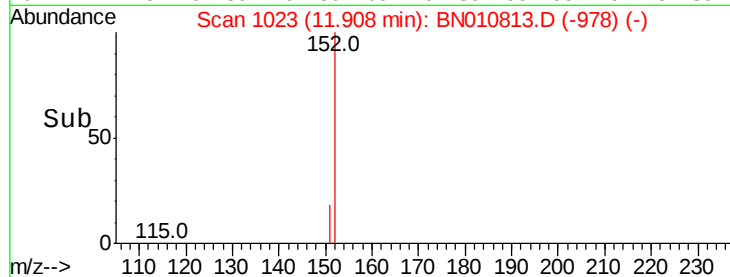
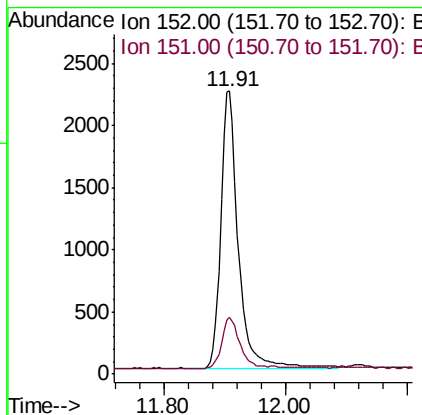
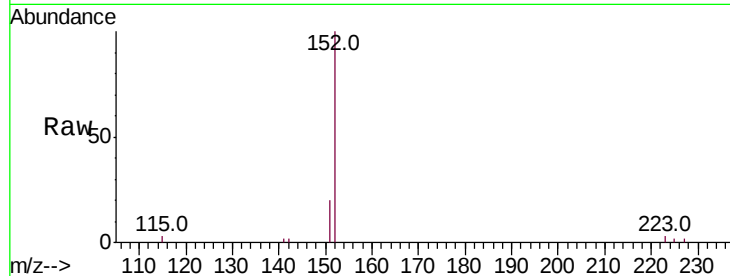




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 11.91 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

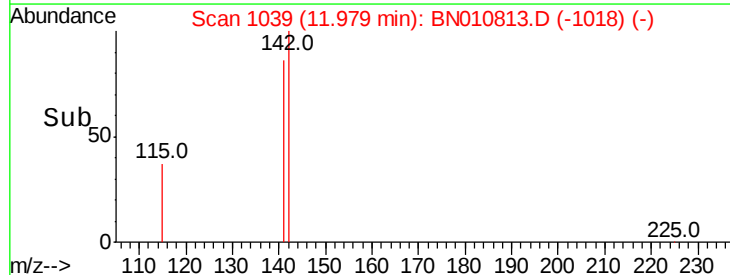
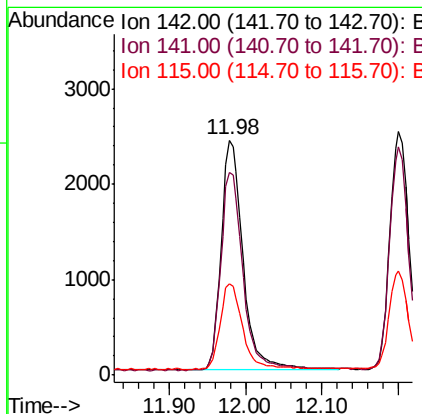
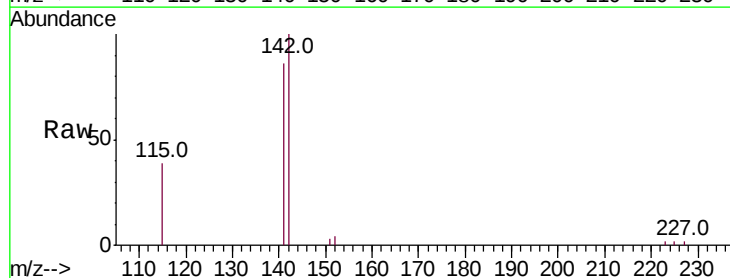
Instrument :
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SSTDICCC0.4

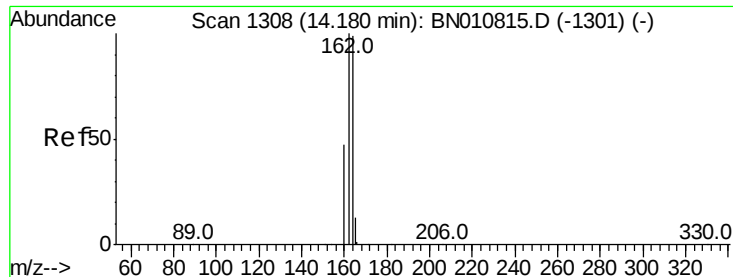
Tot Ion:152 Resp: 4435
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.287 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:142 Resp: 4793
Ion Ratio Lower Upper
142 100
141 86.3 70.8 106.2
115 38.9 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

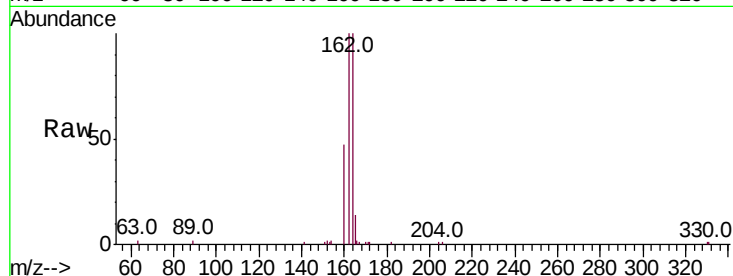
Tot Ion:164 Resp: 5819

Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.6

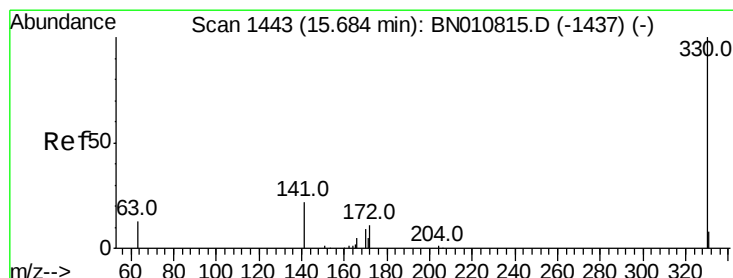
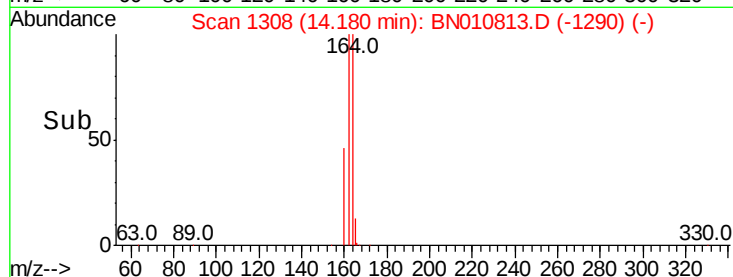
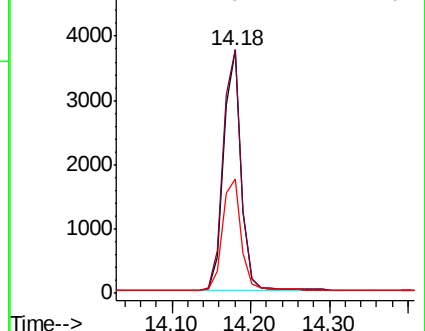
160 47.1 38.9 58.3



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: 0.271 ng

RT: 15.68 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

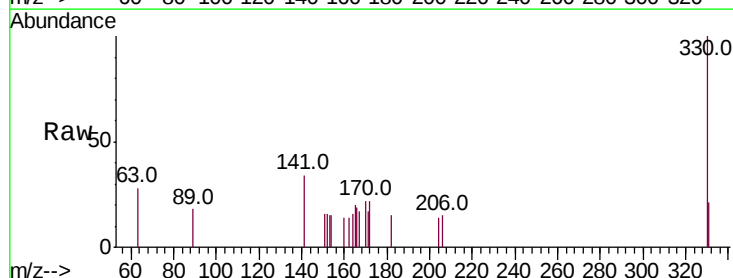
Tgt Ion:330 Resp: 551

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

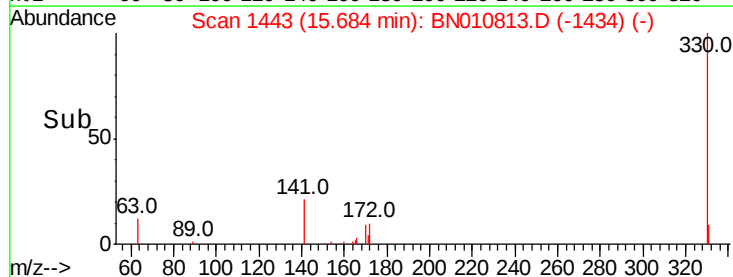
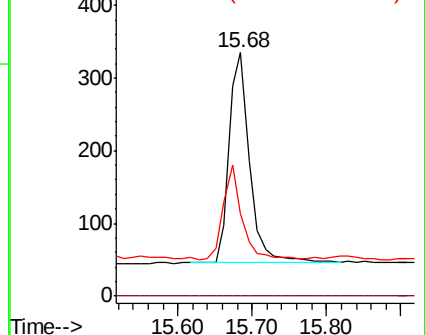
141 41.6 33.2 49.8



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

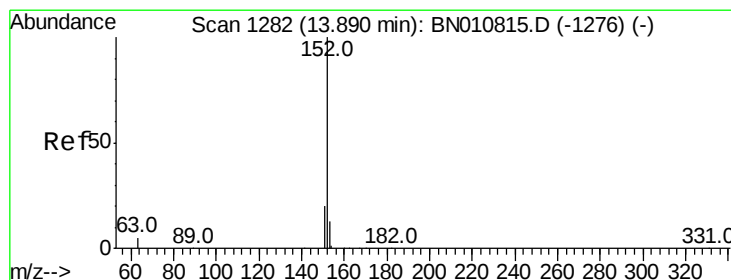
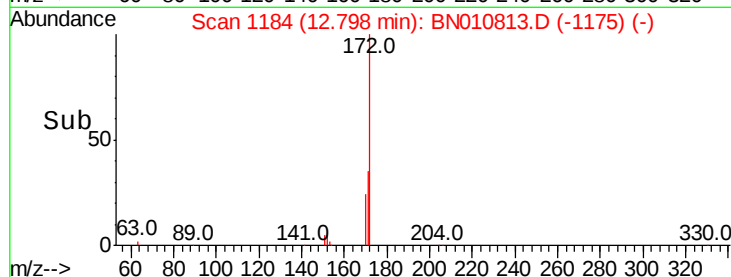
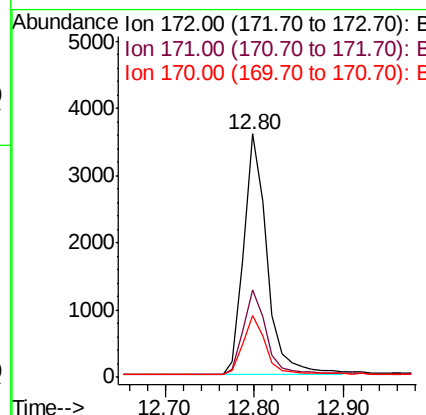
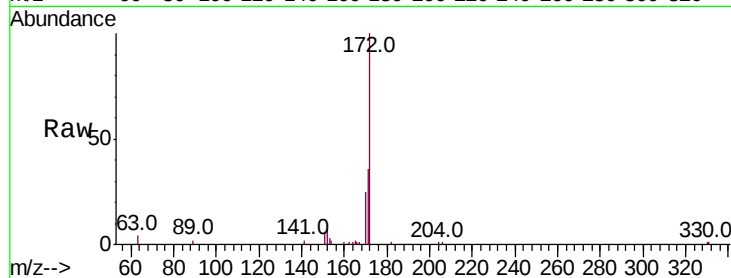




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

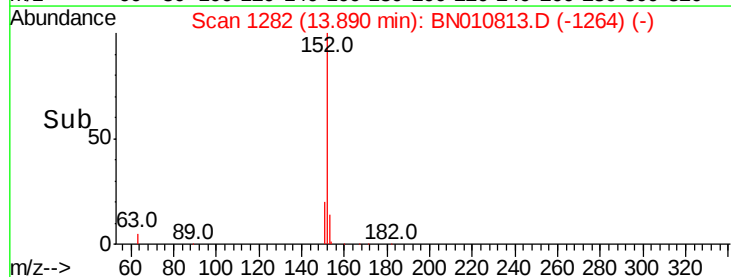
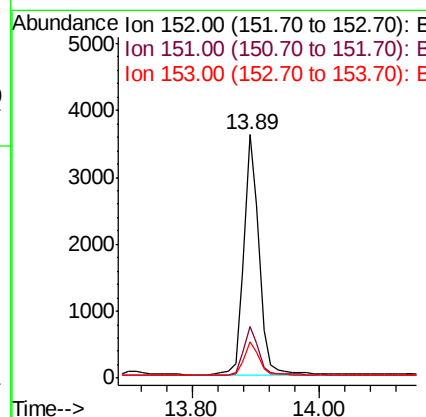
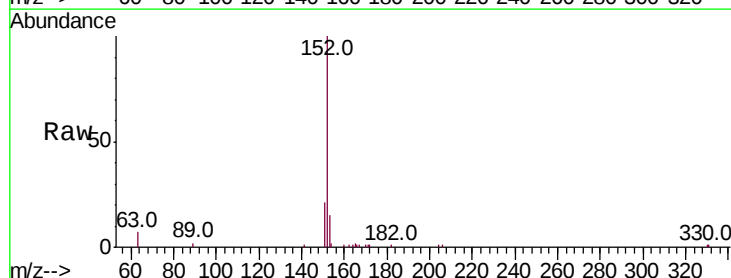
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

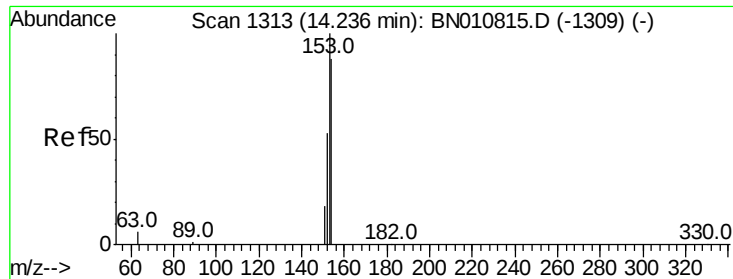
Tot Ion:172 Resp: 6481
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 25.3 19.7 29.5



#16
Acenaphthylene
Concen: 0.256 ng
RT: 13.89 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:152 Resp: 6034
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.8 10.6 16.0





#17

Acenaphthene

Concen: 0.270 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

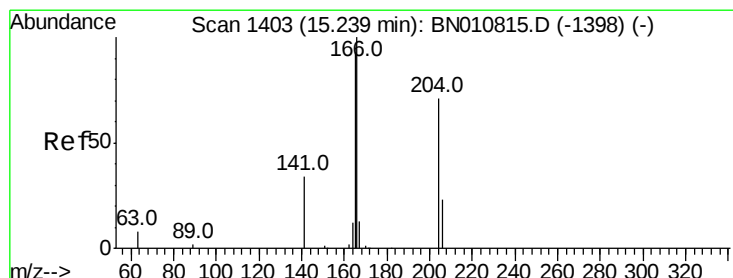
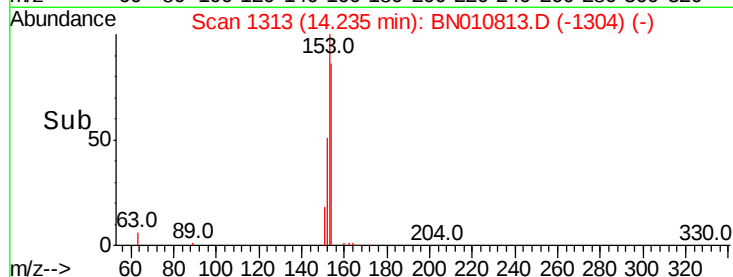
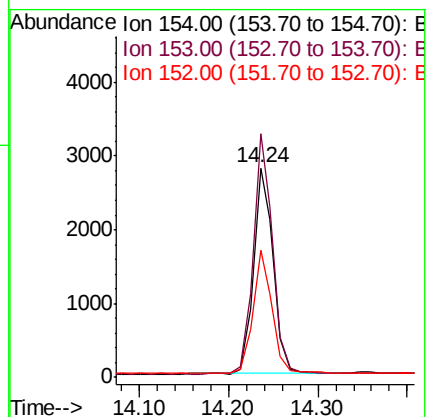
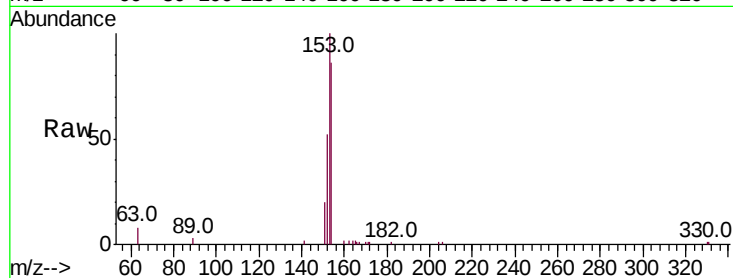
Tot Ion:154 Resp: 4309

Ion Ratio Lower Upper

154 100

153 114.6 91.8 137.6

152 57.7 47.6 71.4



#18

Fluorene

Concen: 0.265 ng

RT: 15.24 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

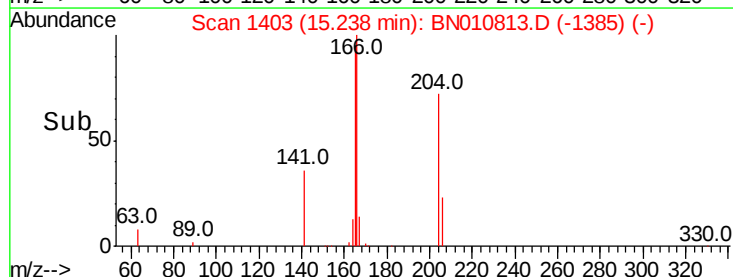
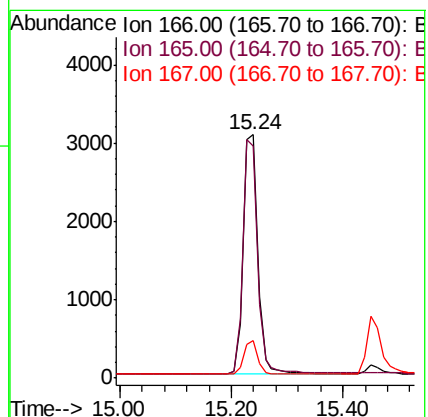
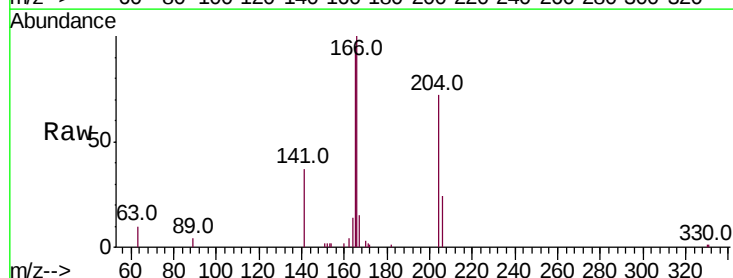
Tgt Ion:166 Resp: 5495

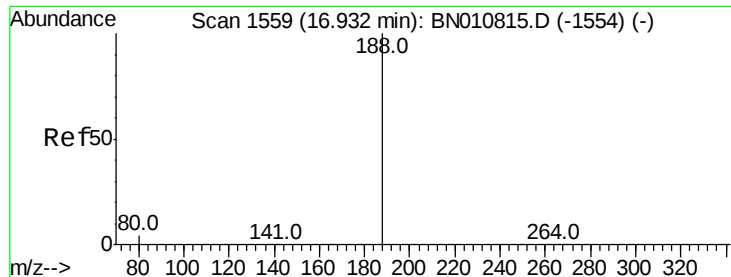
Ion Ratio Lower Upper

166 100

165 97.7 77.2 115.8

167 13.6 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

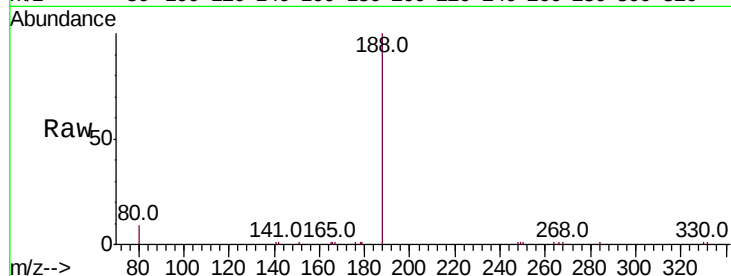
Tot Ion:188 Resp: 12326

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

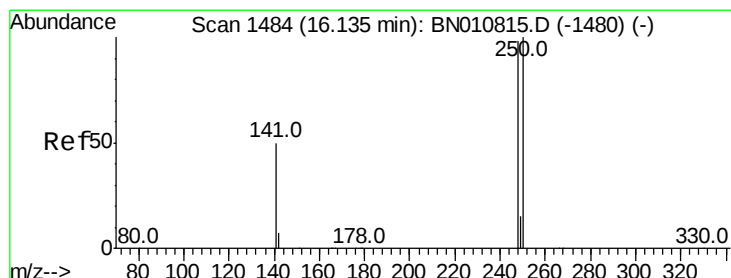
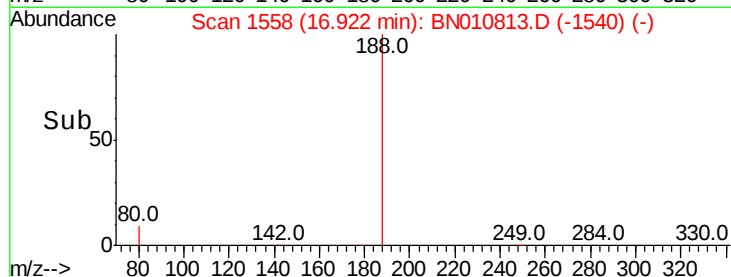
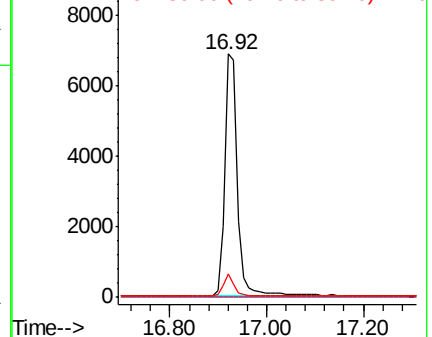
80 9.5 4.5 6.7#



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: 0.259 ng

RT: 16.14 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

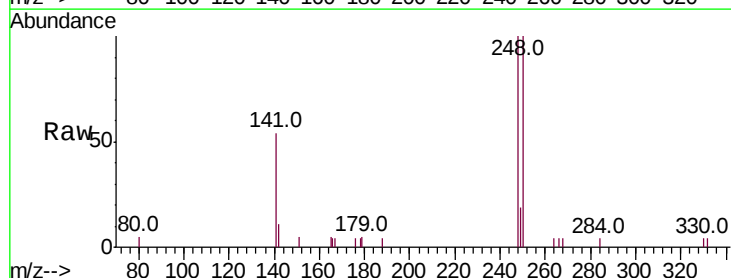
Tgt Ion:248 Resp: 1862

Ion Ratio Lower Upper

248 100

250 99.8 81.8 122.8

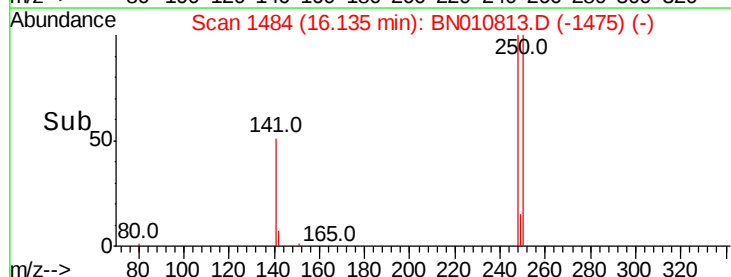
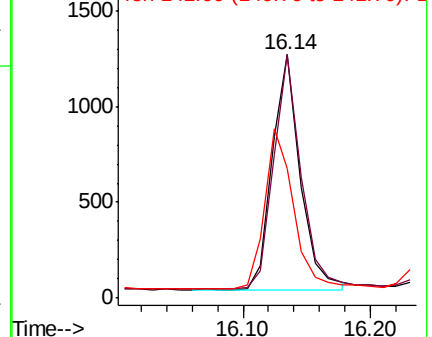
141 53.5 42.6 64.0

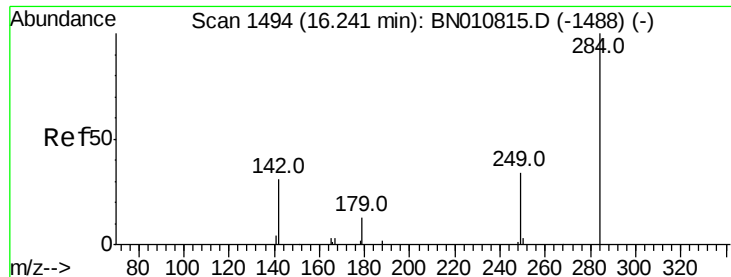


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.270 ng

RT: 16.24 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

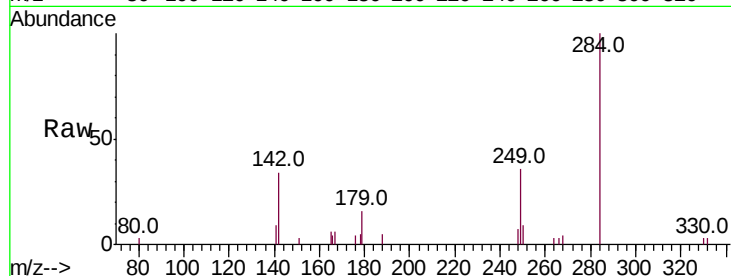
Tot Ion:284 Resp: 2047

Ion Ratio Lower Upper

284 100

142 37.7 31.0 46.4

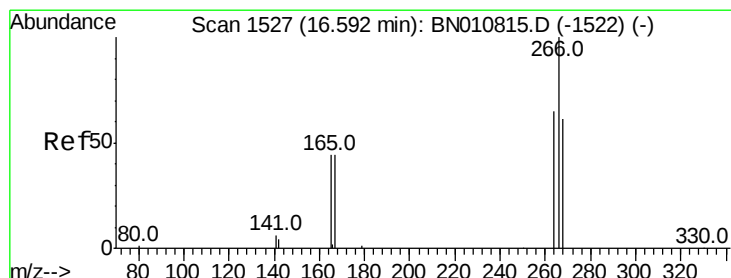
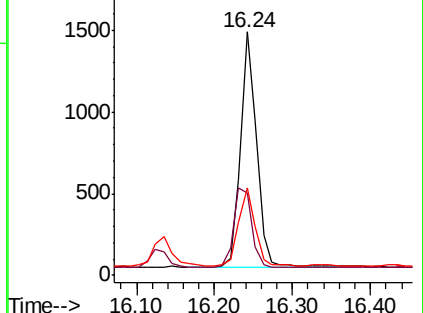
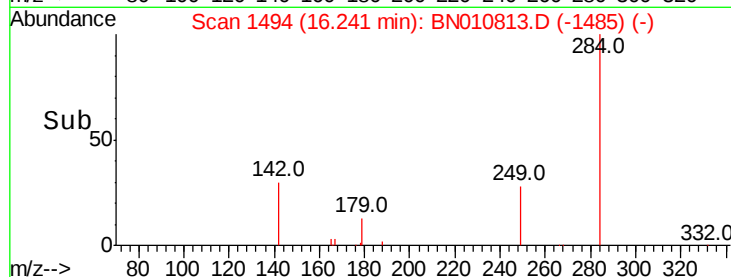
249 33.3 27.1 40.7



Abundance Ion 283.80 (283.50 to 284.50): E

2000 Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.247 ng

RT: 16.59 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

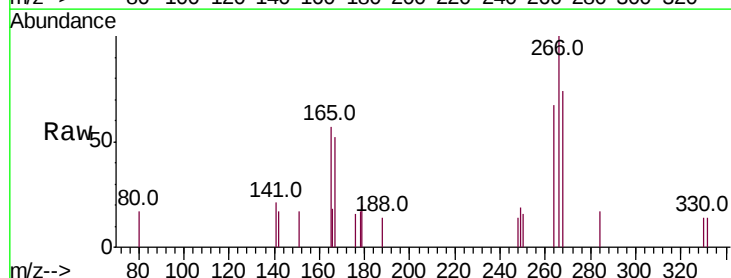
Tgt Ion:266 Resp: 638

Ion Ratio Lower Upper

266 100

264 67.4 54.8 82.2

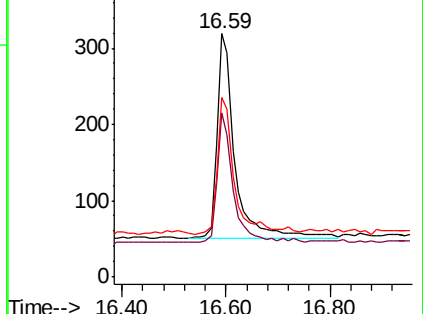
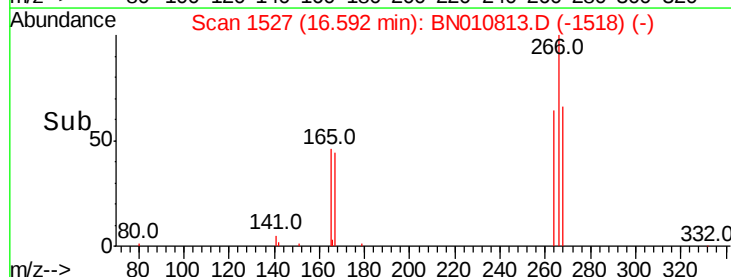
268 73.7 55.9 83.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.261 ng

RT: 16.96 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

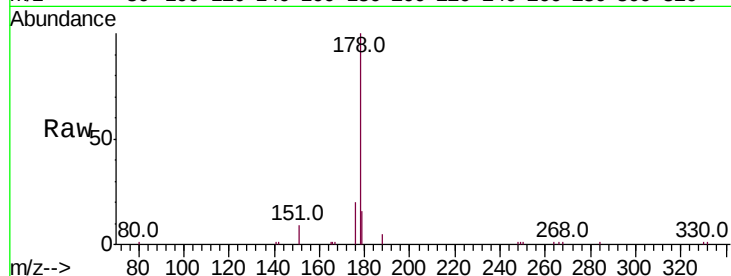
Tot Ion:178 Resp: 8683

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

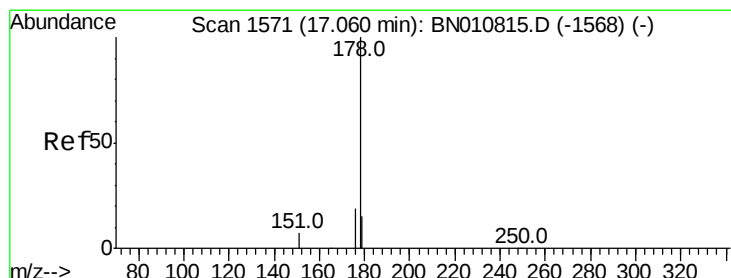
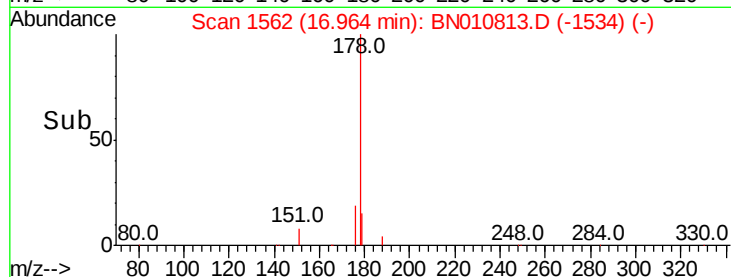
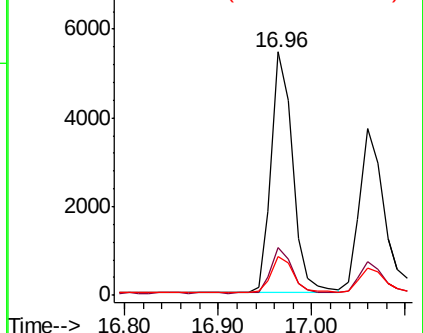
179 15.7 12.6 19.0



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: 0.244 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

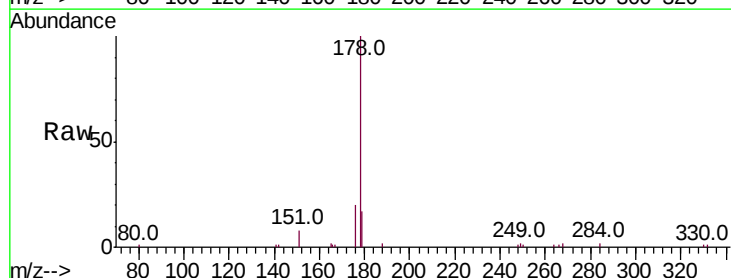
Tgt Ion:178 Resp: 6878

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

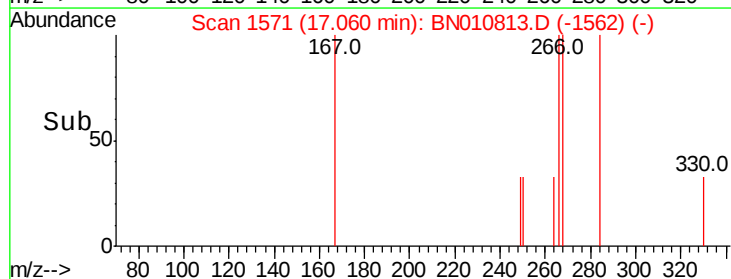
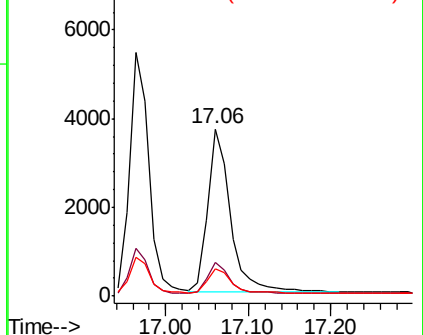
179 15.5 12.3 18.5

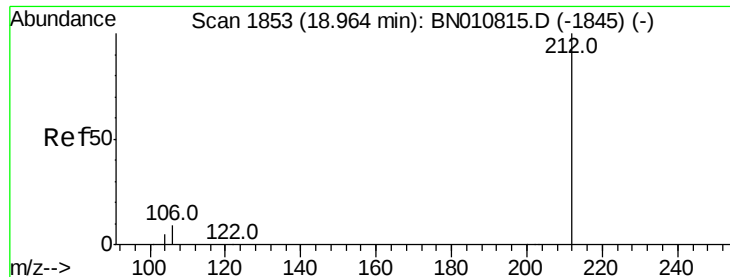


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.252 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

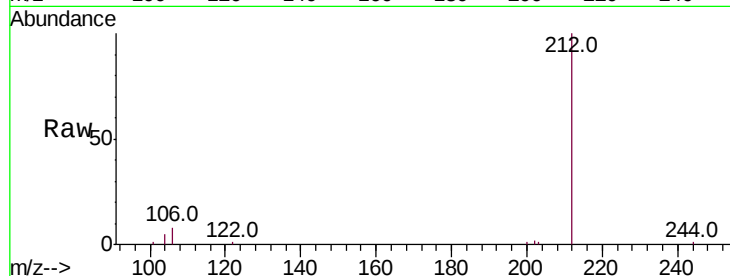
Tot Ion:212 Resp: 8628

Ion Ratio Lower Upper

212 100

106 8.4 6.6 10.0

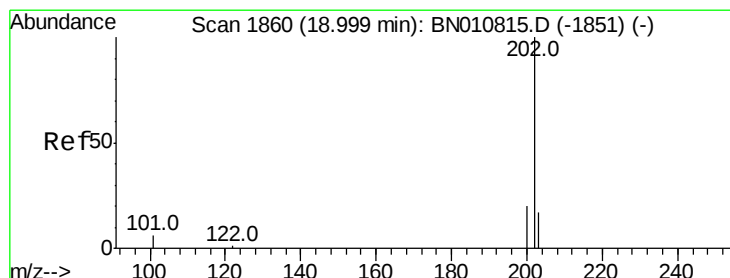
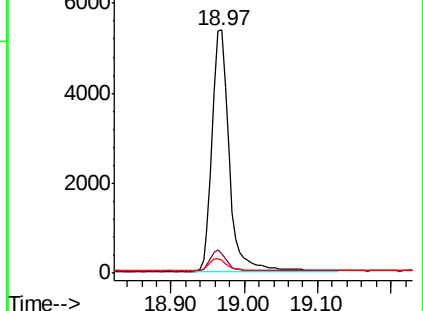
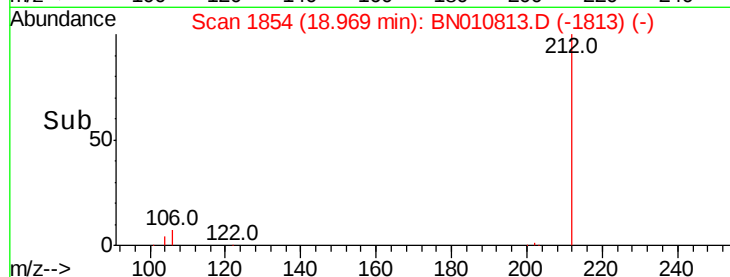
104 4.9 4.0 6.0



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: 0.246 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

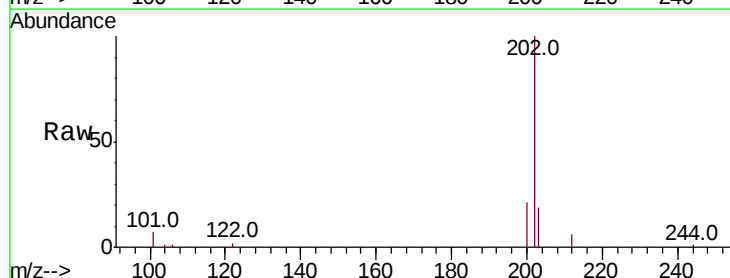
Tgt Ion:202 Resp: 9486

Ion Ratio Lower Upper

202 100

101 7.3 5.8 8.6

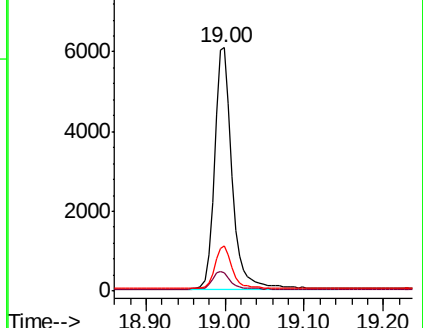
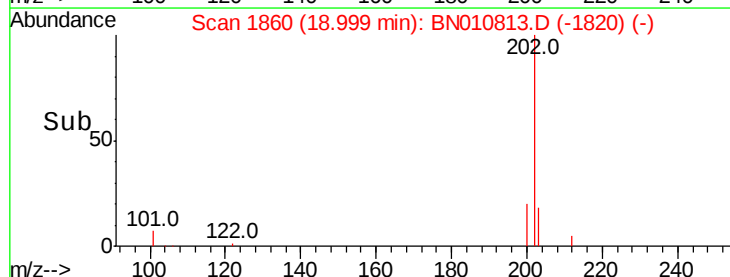
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

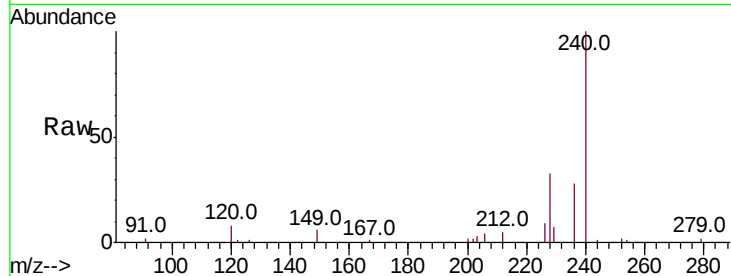




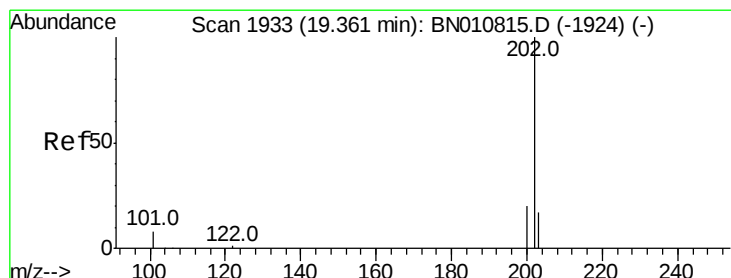
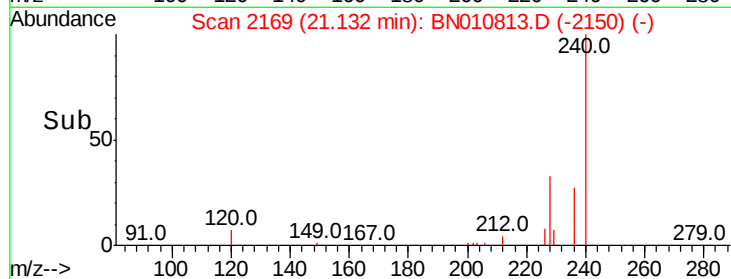
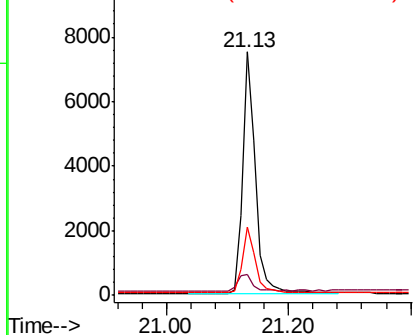
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:240 Resp: 11075
Ion Ratio Lower Upper
240 100
120 8.4 7.5 11.3
236 27.8 22.3 33.5

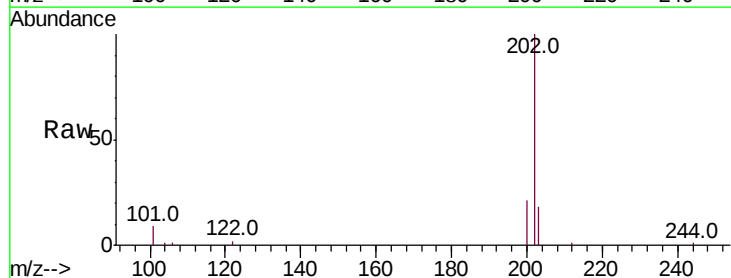


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

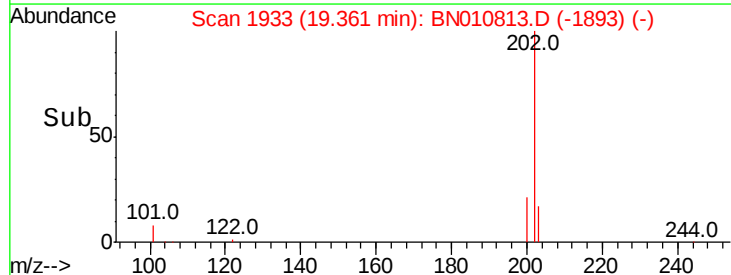
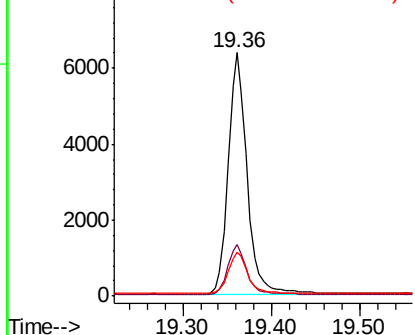


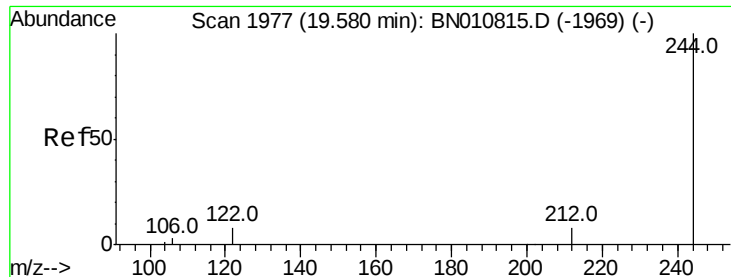
#28
Pyrene
Concen: 0.269 ng
RT: 19.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:202 Resp: 9451
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.9 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: 0.287 ng

RT: 19.58 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

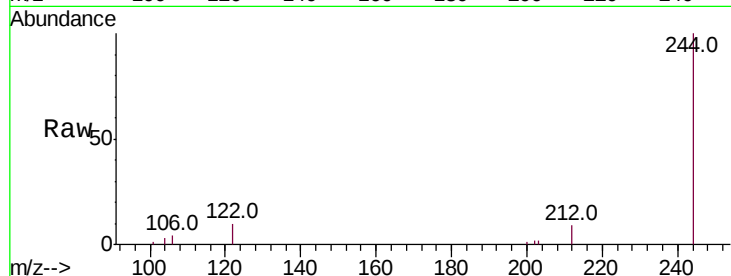
Tot Ion:244 Resp: 7093

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

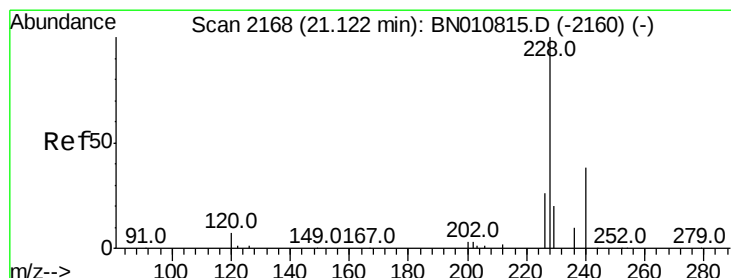
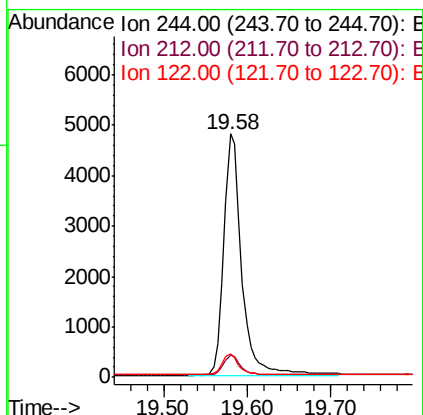
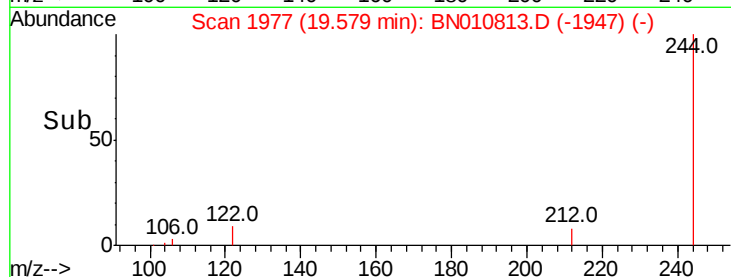
122 9.9 7.5 11.3



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: 0.245 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

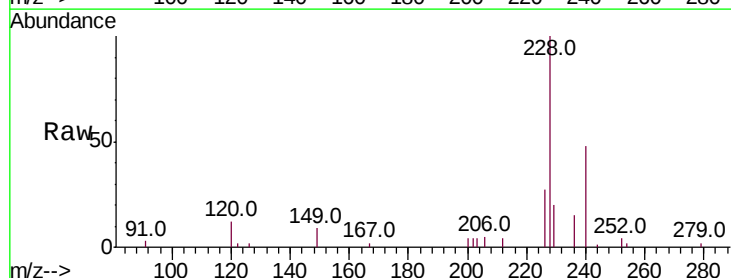
Tgt Ion:228 Resp: 7967

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

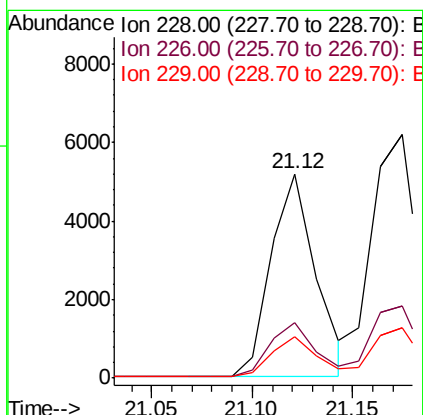
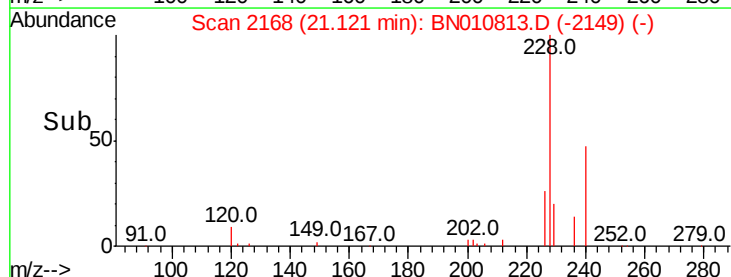
229 20.4 16.6 24.8



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: 0.276 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

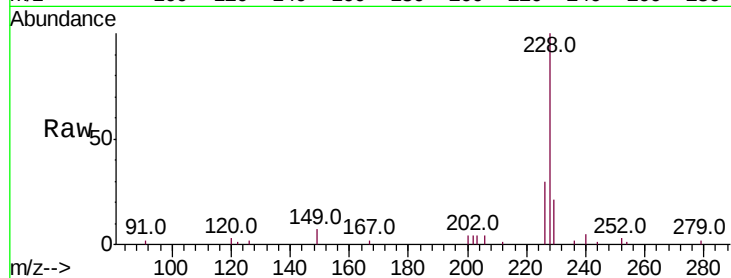
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 10185

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.8	16.1	24.1

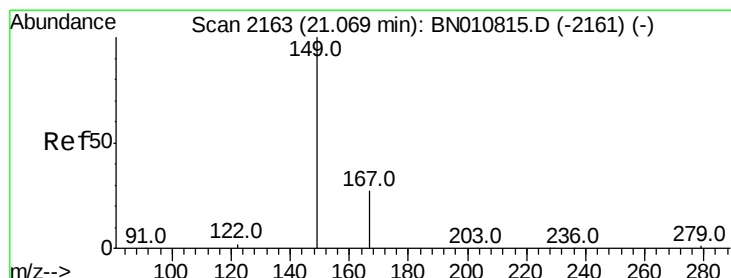
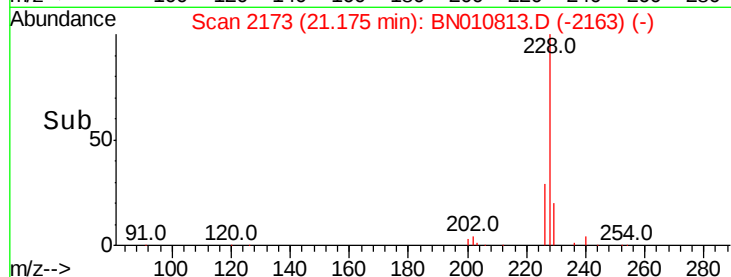
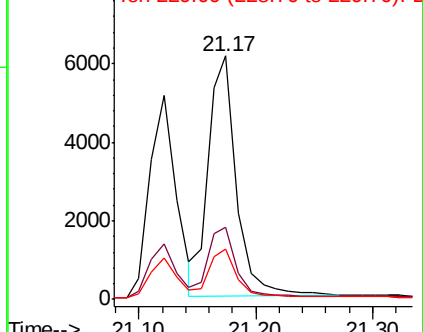


Abundance

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: 0.260 ng

RT: 21.08 min Scan# 2164

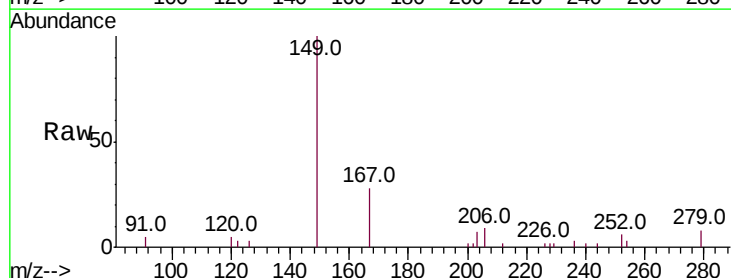
Delta R.T. 0.01 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Tgt Ion:149 Resp: 2788

Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.1	36.1
279	5.1	4.6	7.0

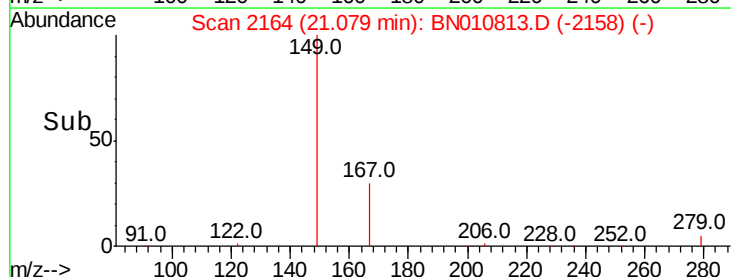
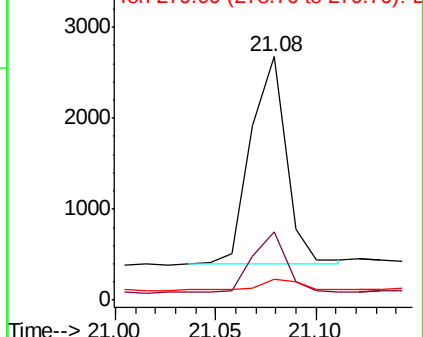


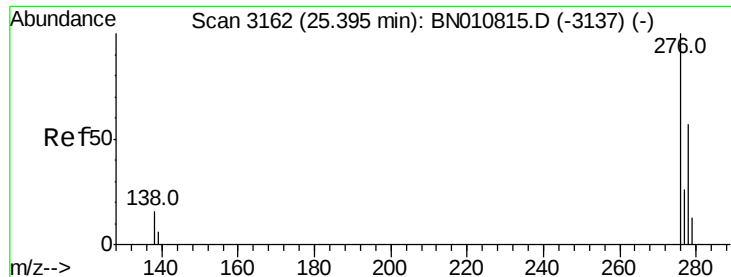
Abundance

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: 0.255 ng

RT: 25.40 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

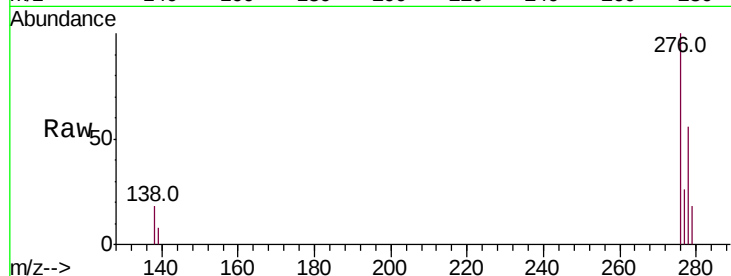
Tot Ion:276 Resp: 11306

Ion Ratio Lower Upper

276 100

138 17.1 13.0 19.6

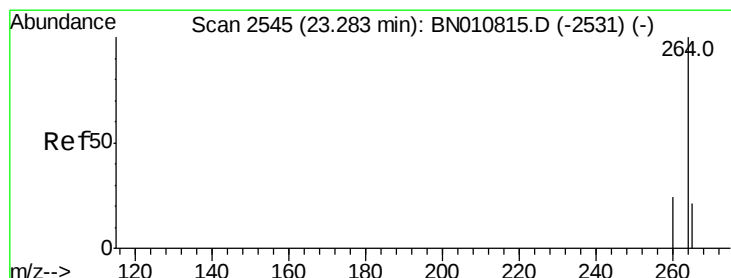
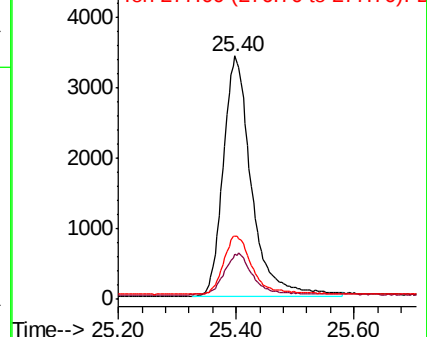
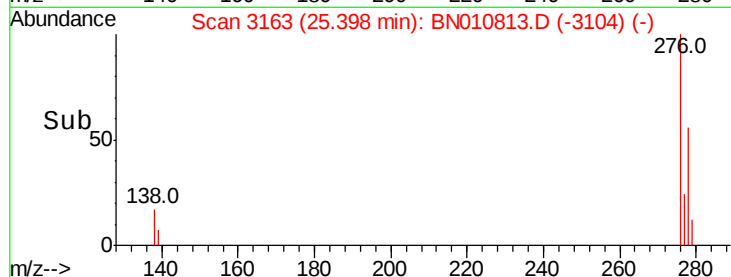
277 25.0 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.29 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

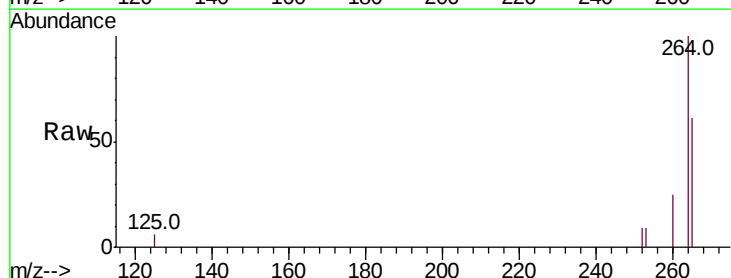
Tgt Ion:264 Resp: 11268

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

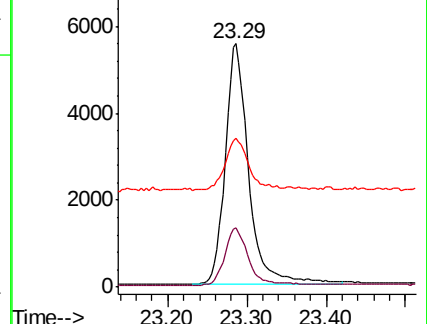
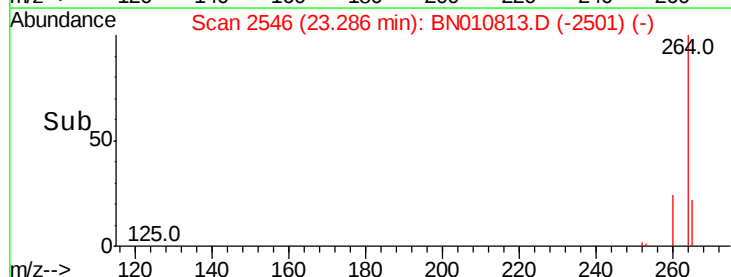
265 61.4 75.0 112.4#



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: 0.252 ng

RT: 22.65 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

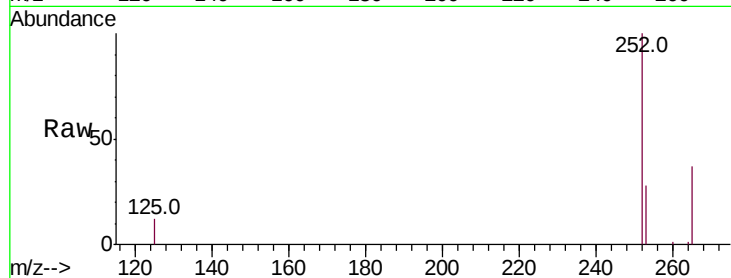
Tot Ion:252 Resp: 9234

Ion Ratio Lower Upper

252 100

253 27.8 22.4 33.6

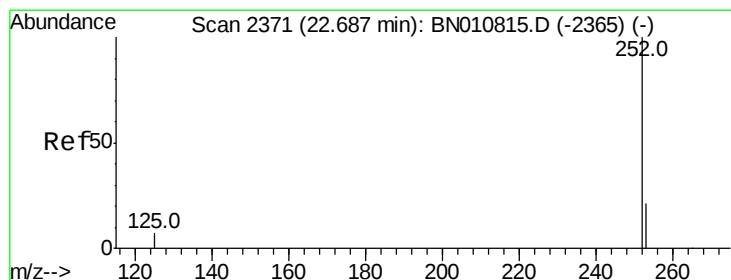
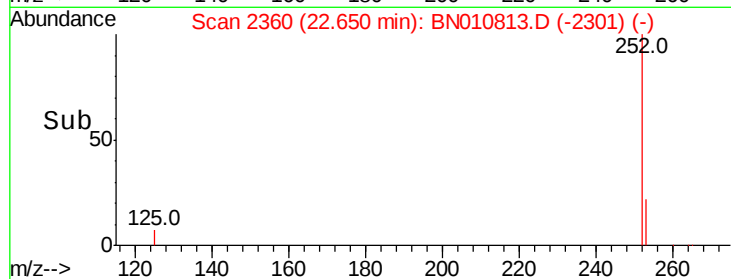
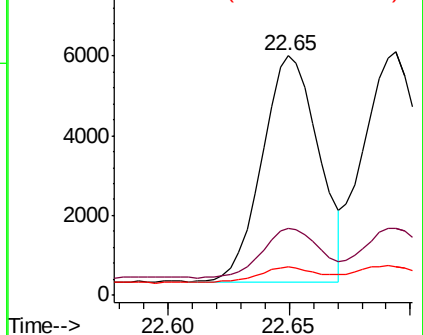
125 12.0 9.4 14.0



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: 0.259 ng

RT: 22.69 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

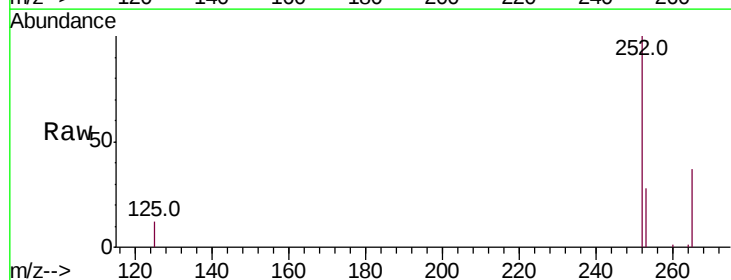
Tgt Ion:252 Resp: 10454

Ion Ratio Lower Upper

252 100

253 27.6 22.2 33.4

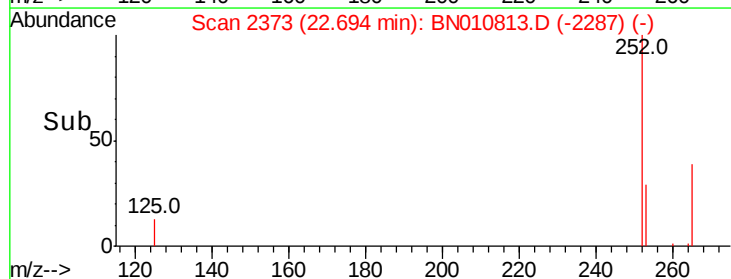
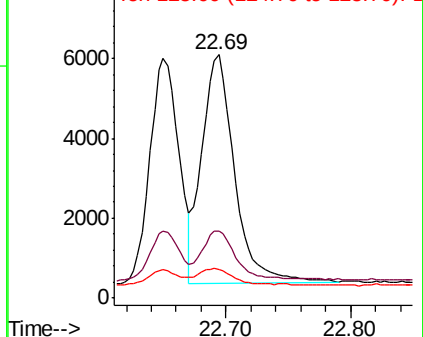
125 11.8 9.8 14.8



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: 0.245 ng

RT: 23.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

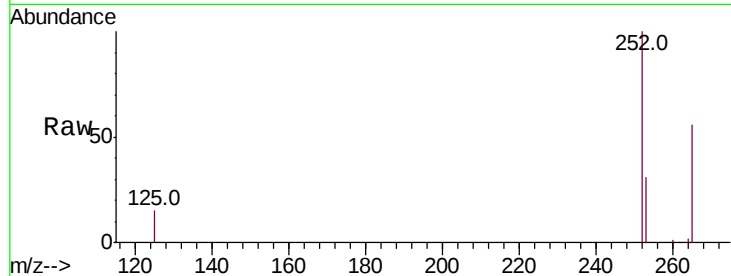
Tot Ion:252 Resp: 8020

Ion Ratio Lower Upper

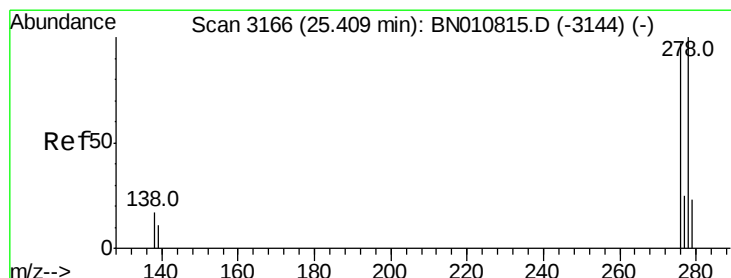
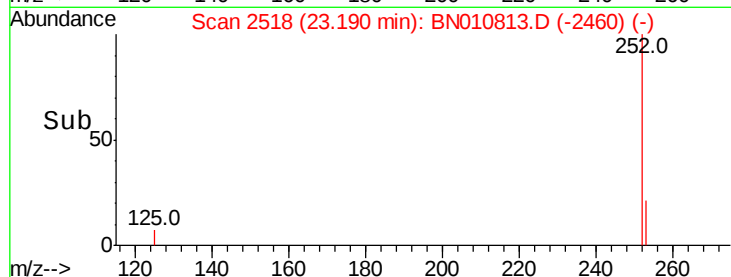
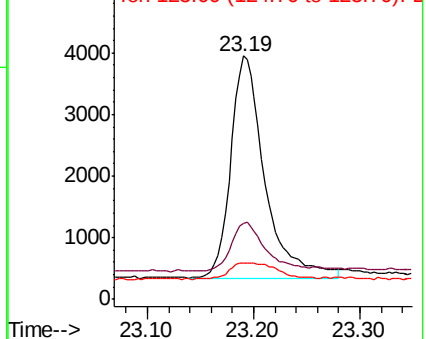
252 100

253 30.9 25.8 38.8

125 15.1 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: 0.249 ng

RT: 25.42 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

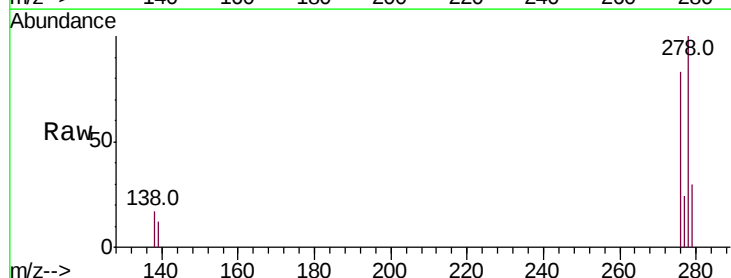
Tgt Ion:278 Resp: 9170

Ion Ratio Lower Upper

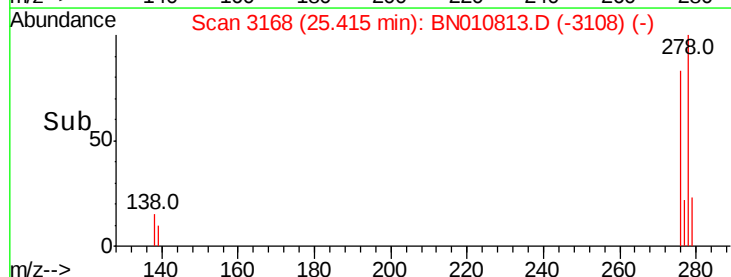
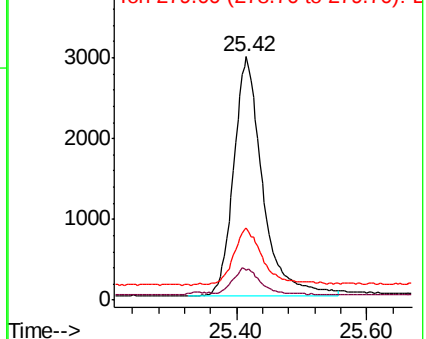
278 100

139 12.4 10.6 15.8

279 29.5 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: 0.257 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BN010813.D

Acq: 10 Jun 2020 11:39

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

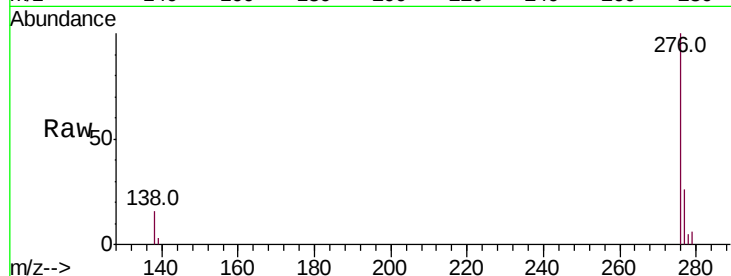
Tot Ion:276 Resp: 9814

Ion Ratio Lower Upper

276 100

277 26.1 20.5 30.7

138 16.3 13.7 20.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

