

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010812.D
 Acq On : 10 Jun 2020 11:03
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jun 10 13:43:26 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	2632	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8792	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4841	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	10345	0.40	ng	0.00
27) Chrysene-d12	21.13	240	8576	0.40	ng	0.00
34) Perylene-d12	23.29	264	8890	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1063	0.20	ng	0.00
5) Phenol-d6	6.75	99	1191	0.19	ng	0.00
8) Nitrobenzene-d5	8.69	82	1255	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	2670	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	314	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	3816	0.20	ng	0.00
25) Fluoranthene-d10	18.97	212	5331	0.19	ng	0.00
29) Terphenyl-d14	19.58	244	4178	0.22	ng	0.00

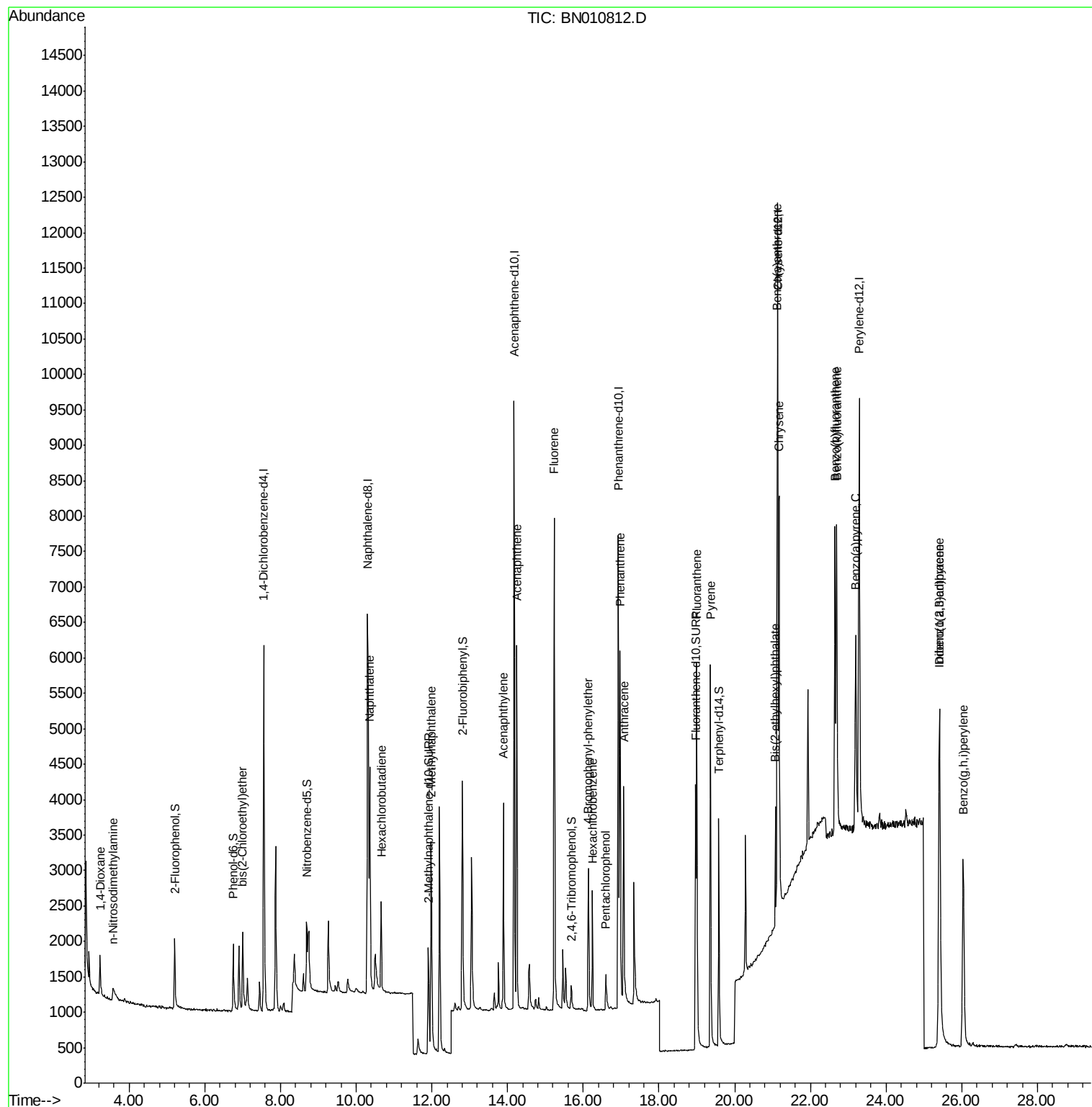
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	513	0.197	ng	96
3) n-Nitrosodimethylamine	3.57	42	235	0.155	ng	# 95
6) bis(2-Chloroethyl)ether	7.00	93	1120	0.189	ng	99
9) Naphthalene	10.35	128	4389	0.200	ng	98
10) Hexachlorobutadiene	10.66	225	1125	0.211	ng	# 100
12) 2-Methylnaphthalene	11.98	142	2919	0.201	ng	99
16) Acenaphthylene	13.90	152	3699	0.189	ng	100
17) Acenaphthene	14.24	154	2657	0.200	ng	99
18) Fluorene	15.23	166	3382	0.196	ng	99
20) 4-Bromophenyl-phenylether	16.13	248	1163	0.193	ng	# 81
21) Hexachlorobenzene	16.25	284	1297	0.204	ng	98
22) Pentachlorophenol	16.60	266	372	0.171	ng	96
23) Phenanthrene	16.97	178	5403	0.193	ng	100
24) Anthracene	17.07	178	4278	0.181	ng	99
26) Fluoranthene	19.00	202	5852	0.181	ng	100
28) Pyrene	19.36	202	5898	0.217	ng	100
30) Benzo(a)anthracene	21.12	228	4761	0.189	ng	99
31) Chrysene	21.18	228	6275	0.219	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	1785	0.215	ng	96
33) Indeno(1,2,3-cd)pyrene	25.40	276	6754	0.197	ng	99
35) Benzo(b)fluoranthene	22.65	252	5549	0.192	ng	# 91
36) Benzo(k)fluoranthene	22.69	252	6267	0.197	ng	# 92
37) Benzo(a)pyrene	23.20	252	4916	0.190	ng	# 91
38) Dibenzo(a,h)anthracene	25.42	278	5455	0.187	ng	92
39) Benzo(g,h,i)perylene	26.04	276	5931	0.197	ng	98

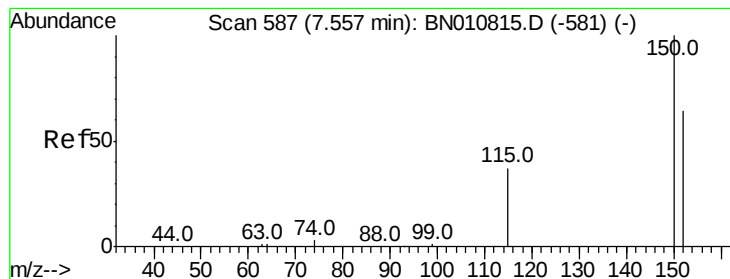
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010812.D
Acq On : 10 Jun 2020 11:03
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 10 13:43:26 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



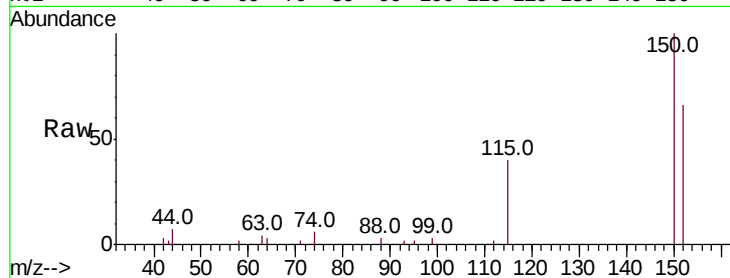


#1

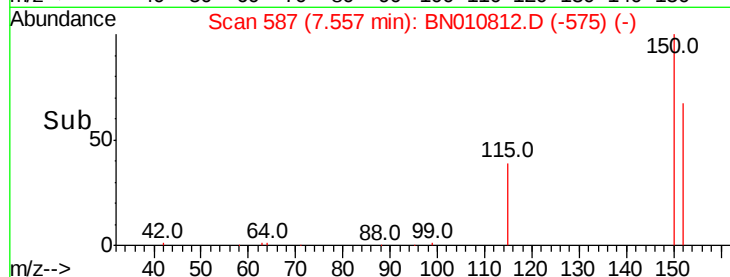
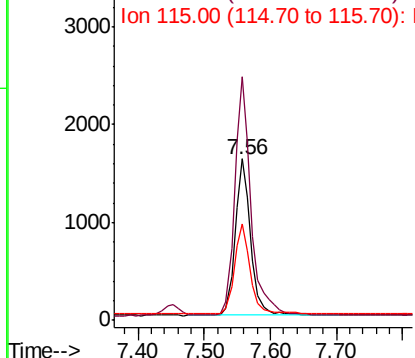
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010812.D
Acq: 10 Jun 2020 11:03

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 2632
Ion Ratio Lower Upper
152 100
150 151.1 123.8 185.6
115 60.2 49.2 73.8



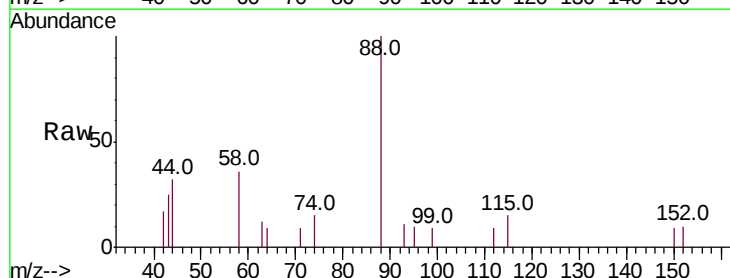
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



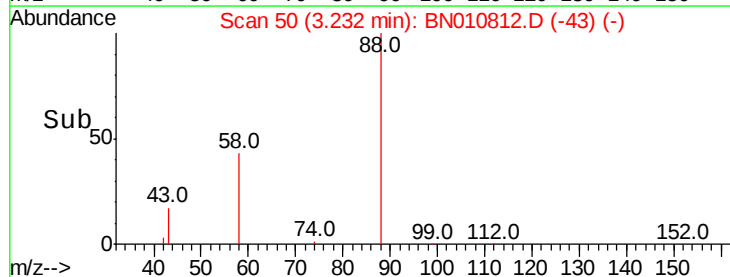
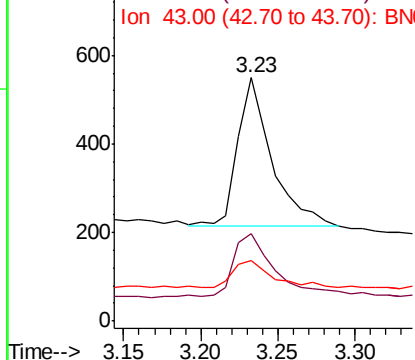
#2

1,4-Dioxane
Concen: 0.197 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.01 min
Lab File: BN010812.D
Acq: 10 Jun 2020 11:03

Tgt Ion: 88 Resp: 513
Ion Ratio Lower Upper
88 100
58 51.3 38.2 57.4
43 20.1 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: 0.155 ng

RT: 3.57 min Scan# 92

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

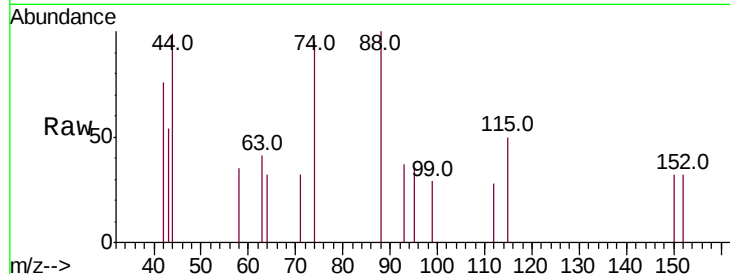
Tot Ion: 42 Resp: 235

Ion Ratio Lower Upper

42 100

74 183.4 140.7 211.1

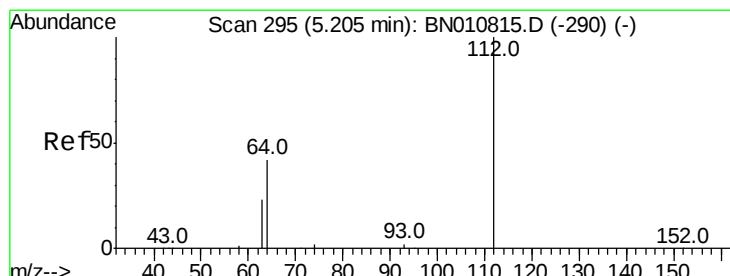
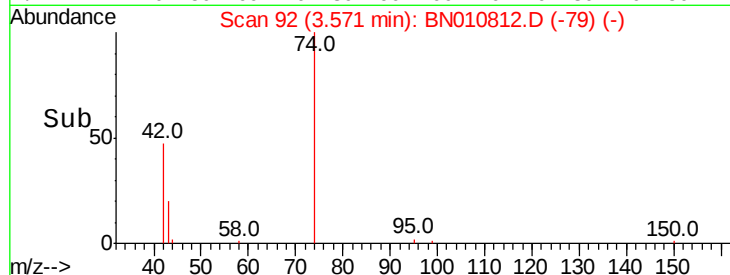
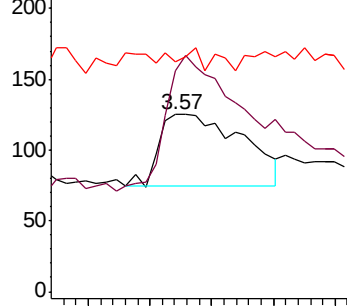
44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

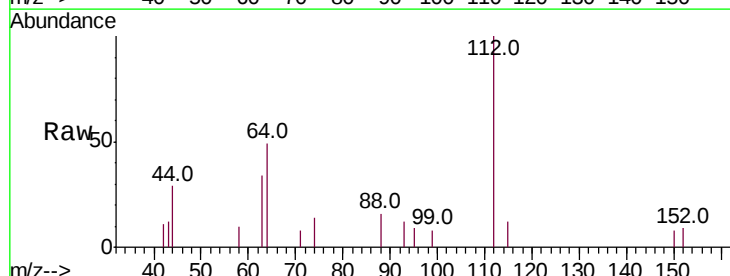
Tgt Ion: 112 Resp: 1063

Ion Ratio Lower Upper

112 100

64 47.3 37.4 56.0

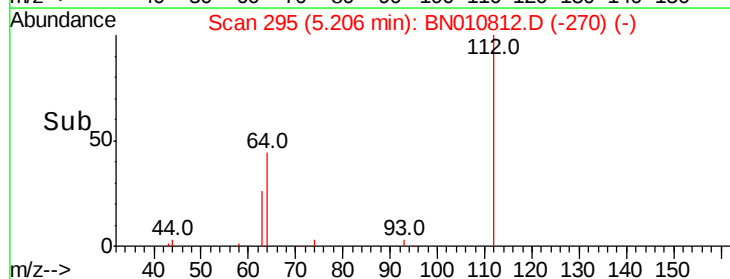
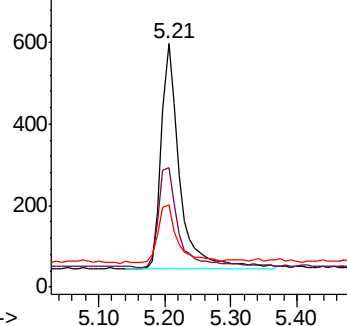
63 25.9 22.2 33.4

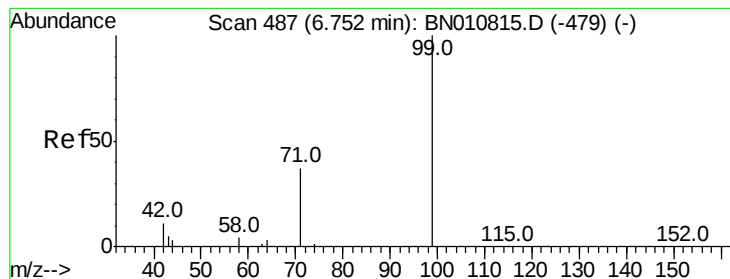


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.192 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

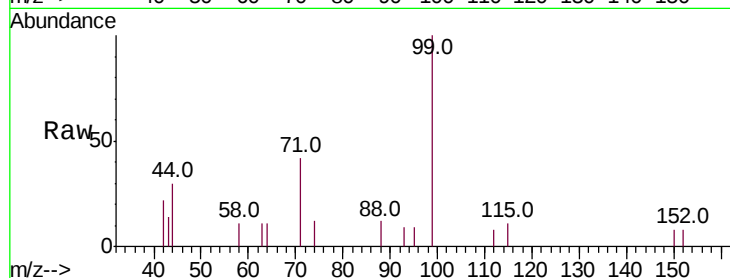
Tot Ion: 99 Resp: 1191

Ion Ratio Lower Upper

99 100

42 13.3 11.1 16.7

71 37.4 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010812.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010812.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010812.D (-479) (-)

6.75

600

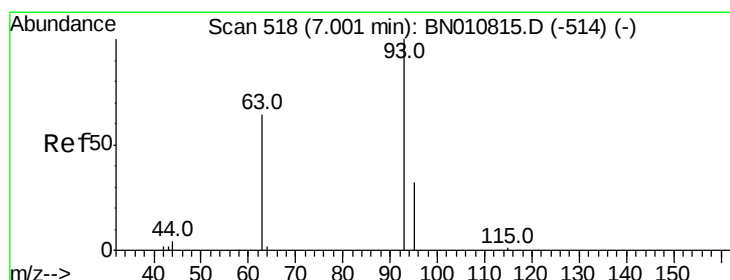
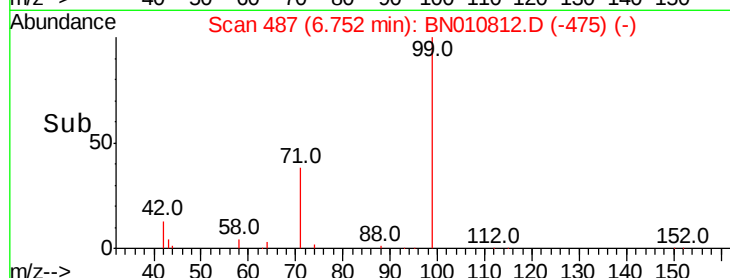
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.189 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

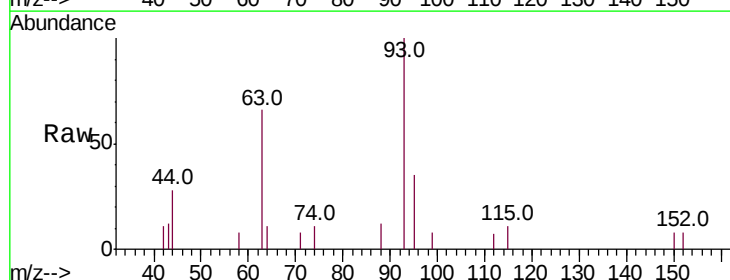
Tgt Ion: 93 Resp: 1120

Ion Ratio Lower Upper

93 100

63 62.6 49.4 74.2

95 33.7 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010812.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN010812.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN010812.D (-493) (-)

7.00

1200

1000

800

600

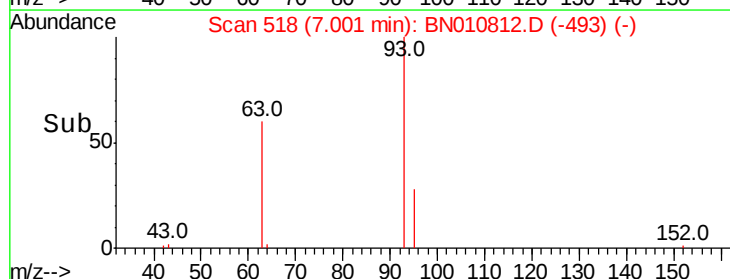
400

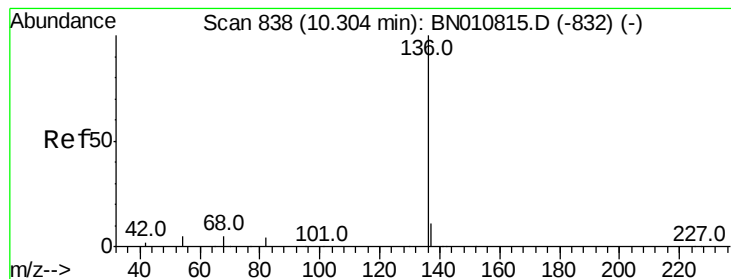
200

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tot Ion:136 Resp: 8792

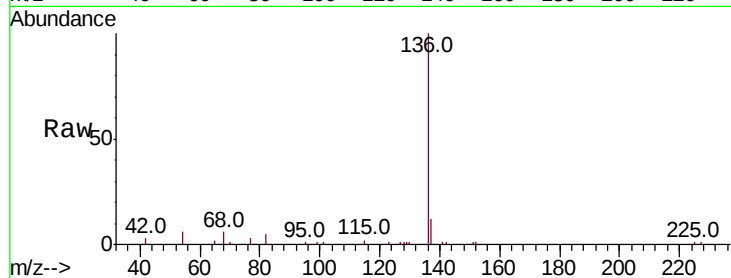
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.9 4.9 7.3

68 6.3 4.7 7.1

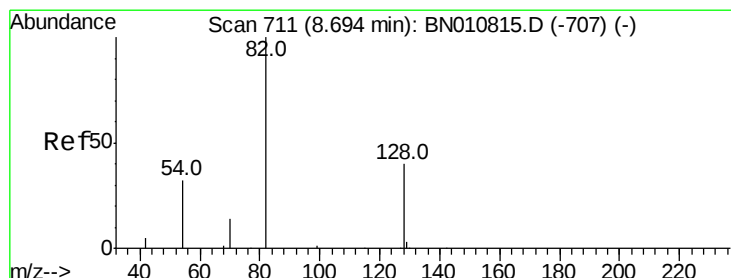
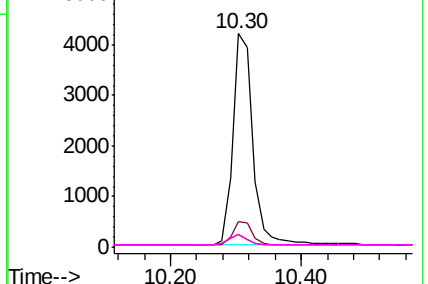
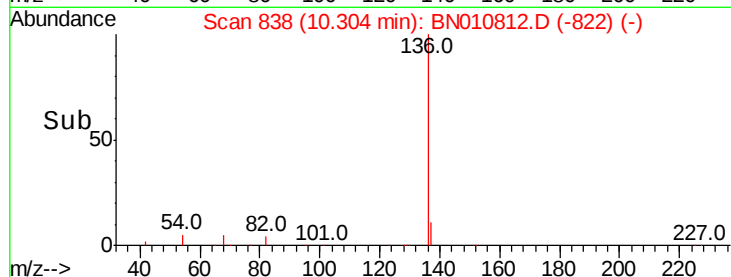


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.195 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

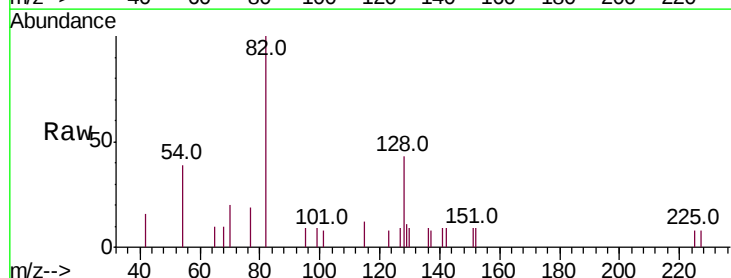
Tgt Ion: 82 Resp: 1255

Ion Ratio Lower Upper

82 100

128 43.1 35.4 53.0

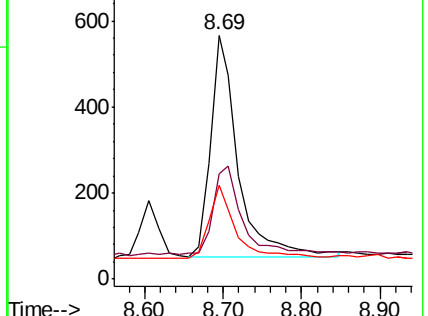
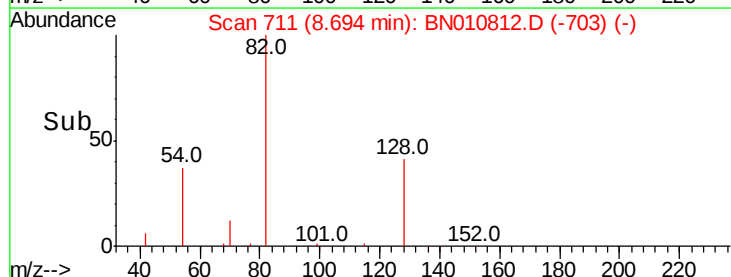
54 38.7 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.200 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

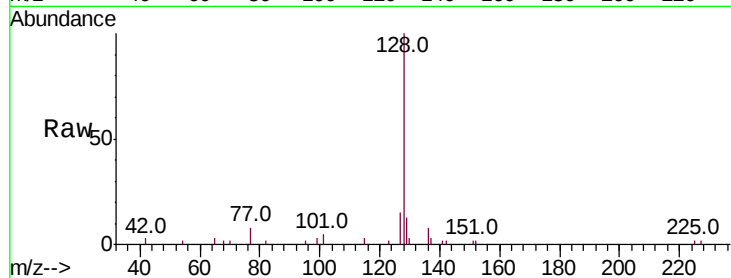
Tot Ion:128 Resp: 4389

Ion Ratio Lower Upper

128 100

129 12.9 9.6 14.4

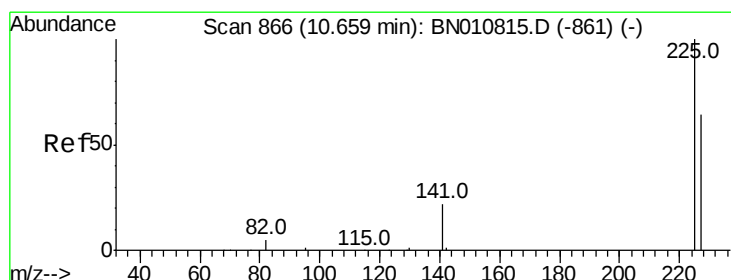
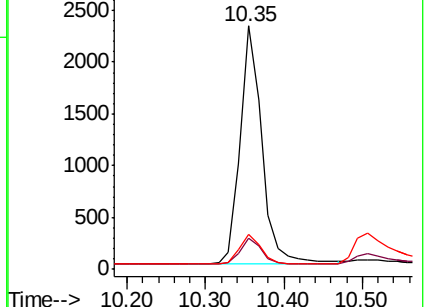
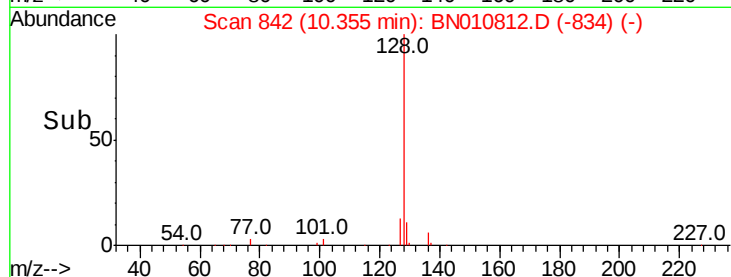
127 14.6 11.4 17.2



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: 0.211 ng

RT: 10.66 min Scan# 866

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

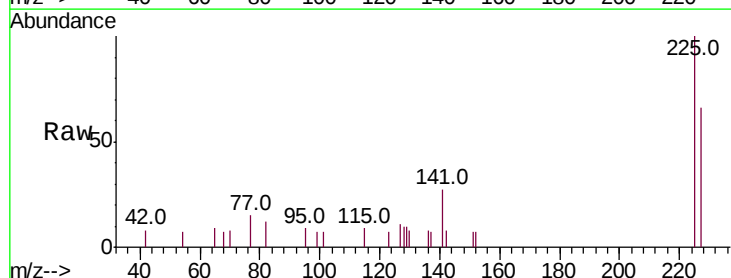
Tgt Ion:225 Resp: 1125

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

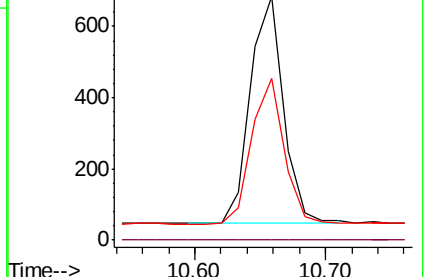
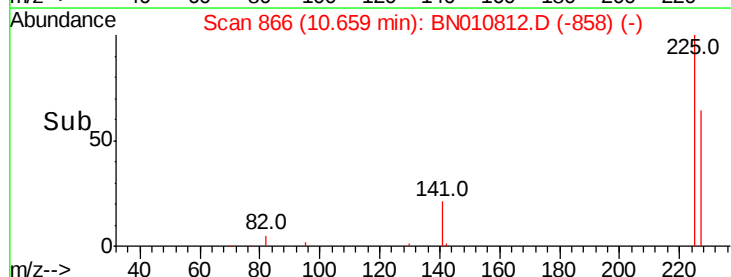
227 62.8 50.5 75.7

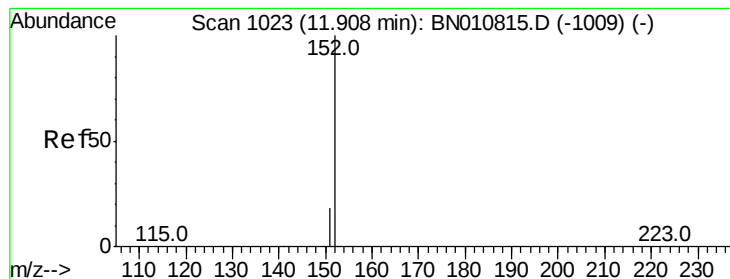


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.200 ng

RT: 11.91 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

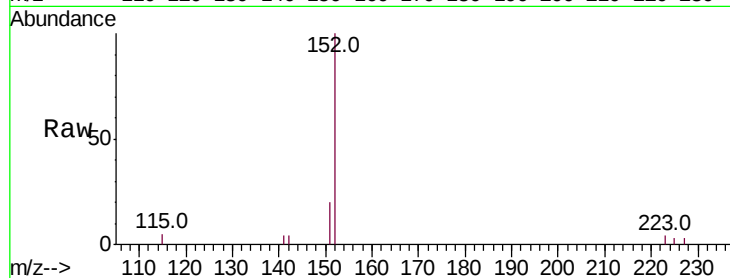
SSTDIC0.2

Tot Ion:152 Resp: 2670

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.91

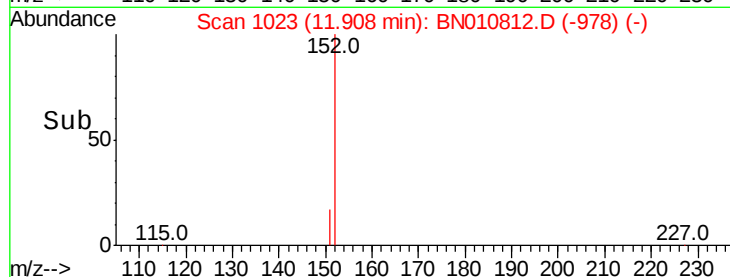
1500

1000

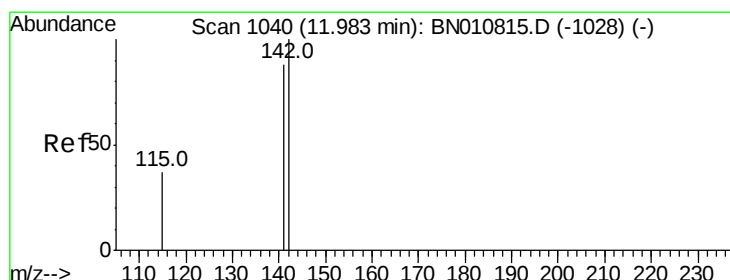
500

0

Time-->



Time-->



#12

2-Methylnaphthalene

Concen: 0.201 ng

RT: 11.98 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

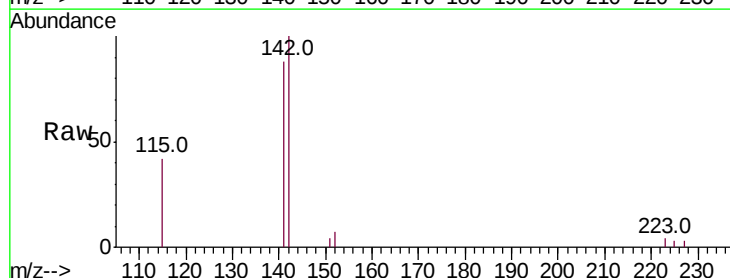
Tgt Ion:142 Resp: 2919

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

115 41.6 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

2000

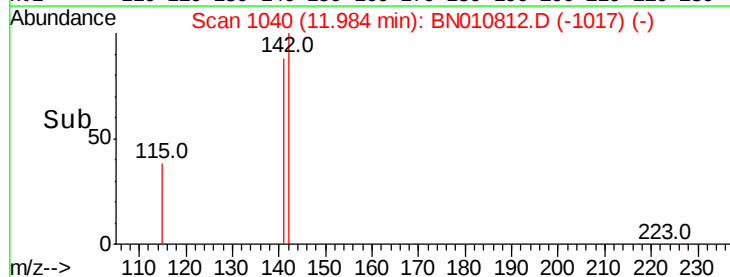
1500

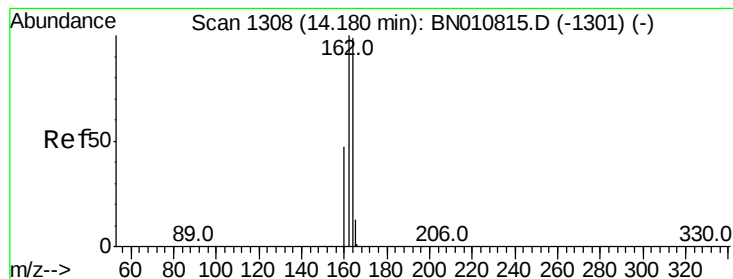
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

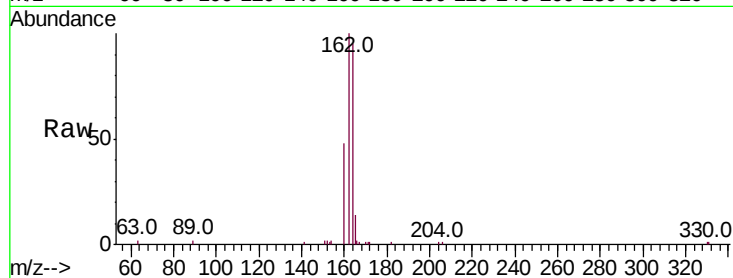
Tot Ion:164 Resp: 4841

Ion Ratio Lower Upper

164 100

162 105.2 81.0 121.6

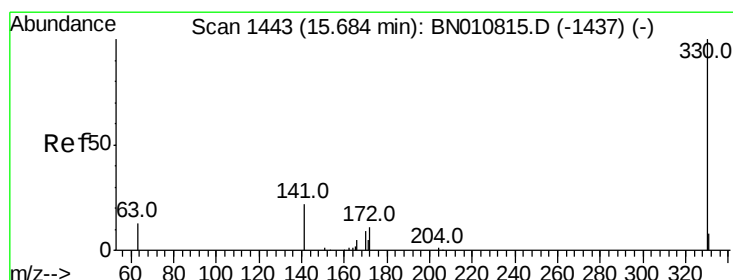
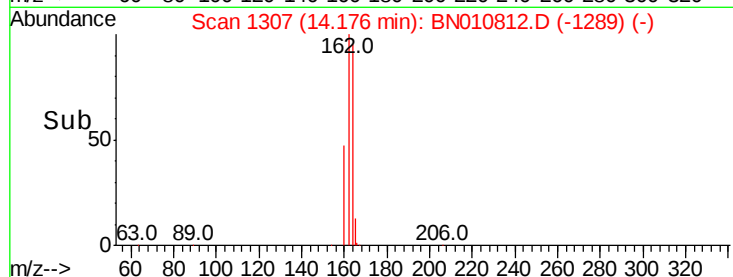
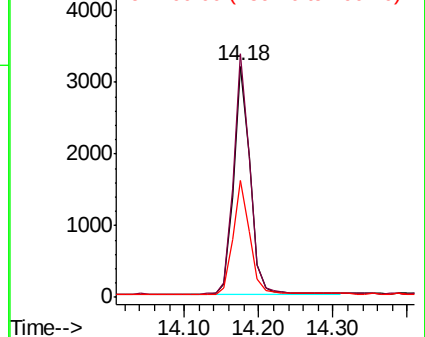
160 50.4 38.9 58.3



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: 0.186 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

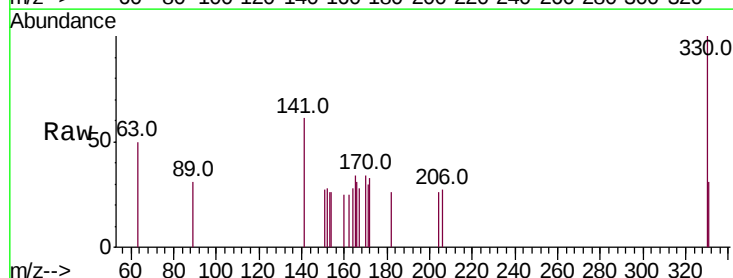
Tgt Ion:330 Resp: 314

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

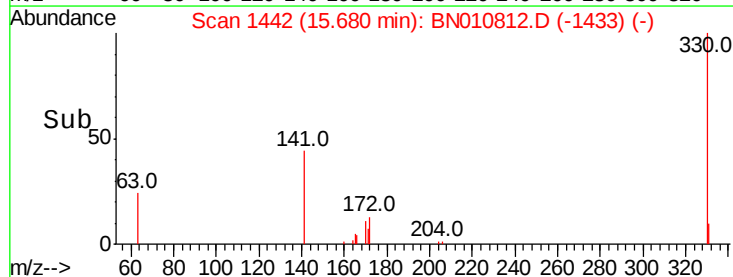
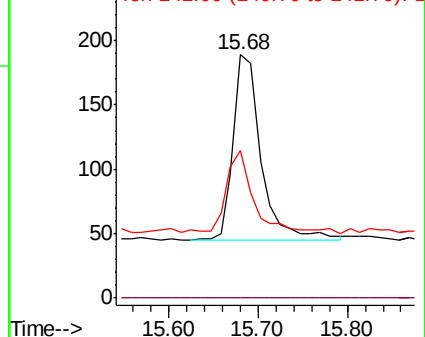
141 45.2 33.2 49.8



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

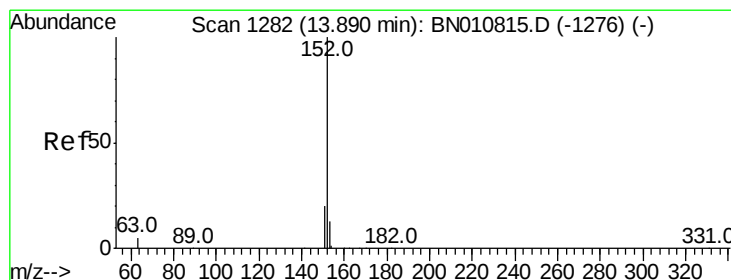
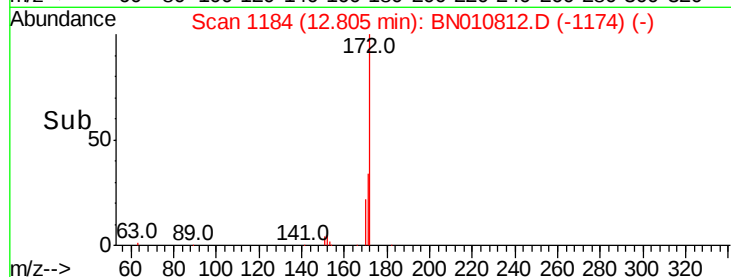
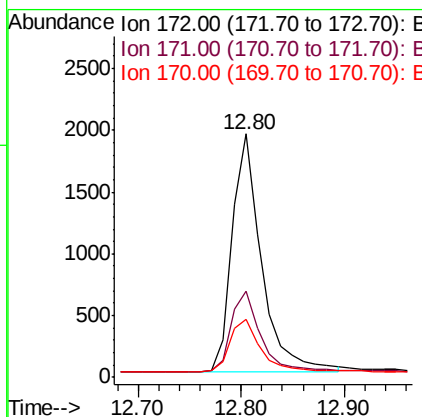
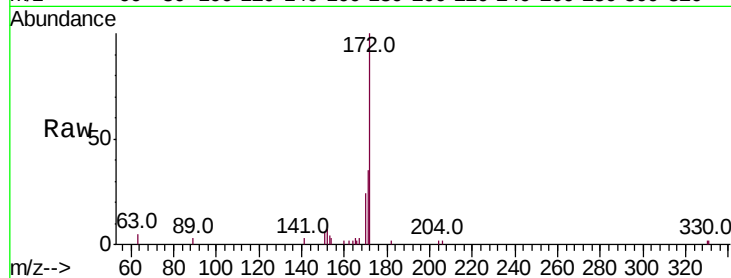




#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BN010812.D
Acq: 10 Jun 2020 11:03

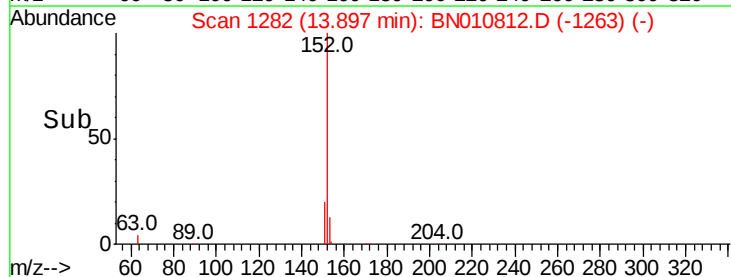
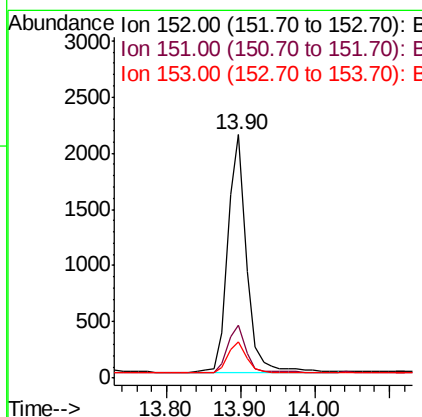
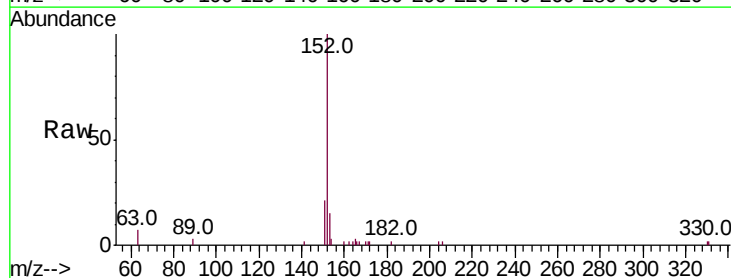
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

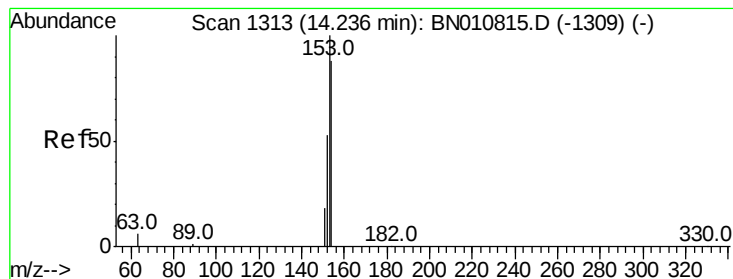
Tot Ion:172 Resp: 3816
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.9 19.7 29.5



#16
Acenaphthylene
Concen: 0.189 ng
RT: 13.90 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BN010812.D
Acq: 10 Jun 2020 11:03

Tgt Ion:152 Resp: 3699
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.200 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

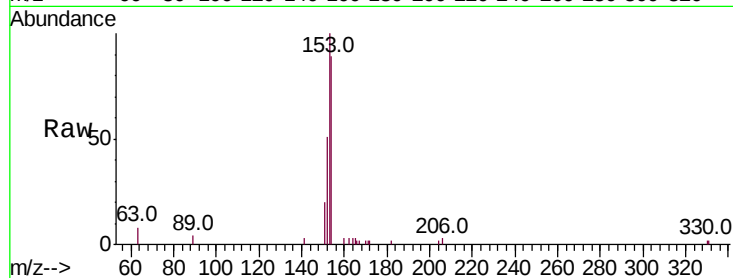
Tot Ion:154 Resp: 2657

Ion Ratio Lower Upper

154 100

153 113.9 91.8 137.6

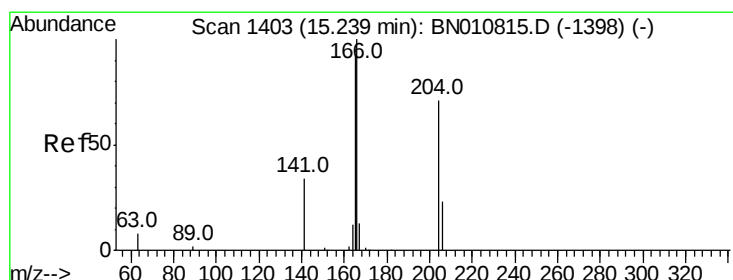
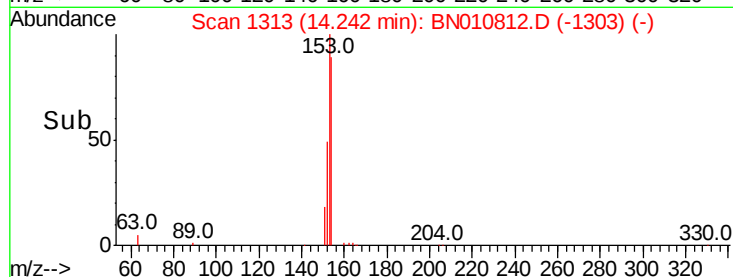
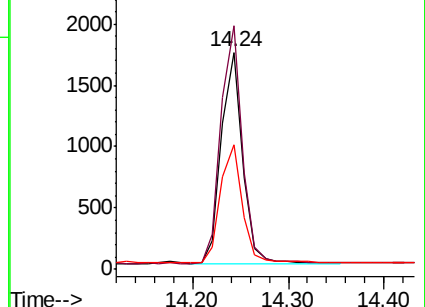
152 57.9 47.6 71.4



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: 0.196 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

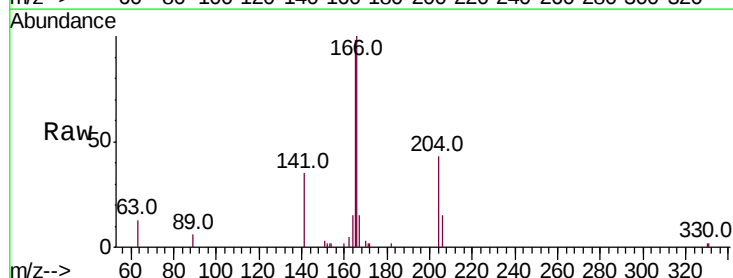
Tgt Ion:166 Resp: 3382

Ion Ratio Lower Upper

166 100

165 97.1 77.2 115.8

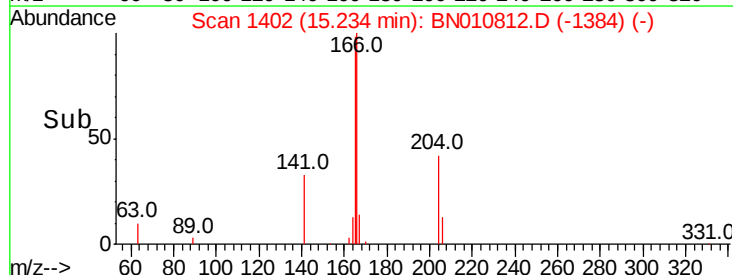
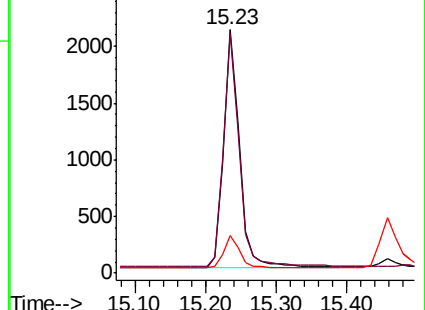
167 13.7 10.7 16.1

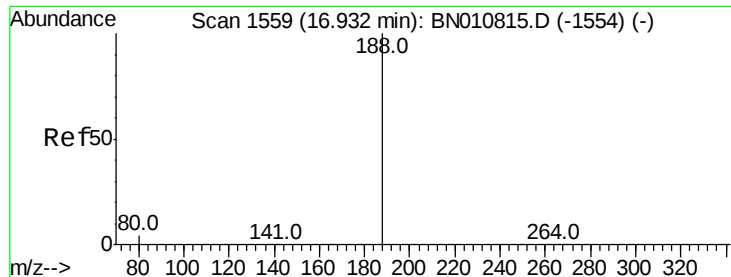


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.93 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

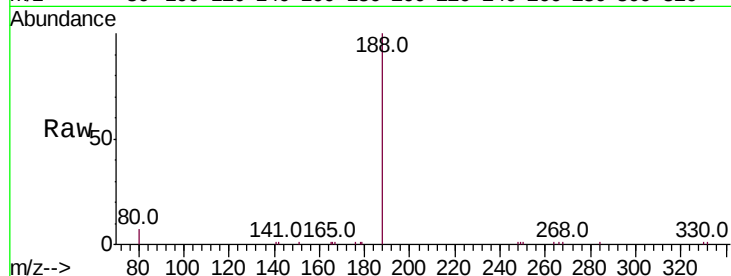
Tot Ion:188 Resp: 10345

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

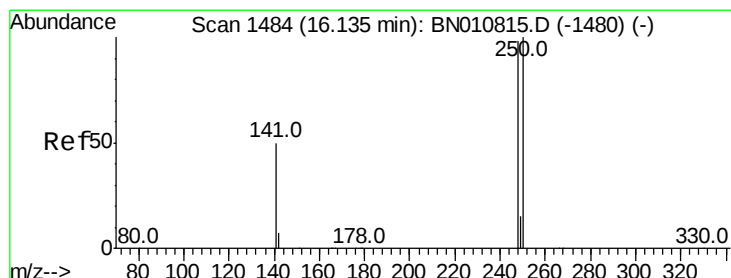
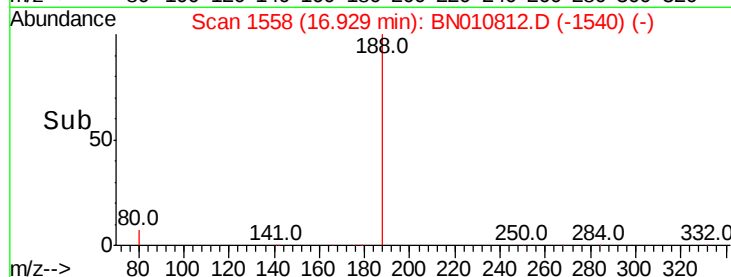
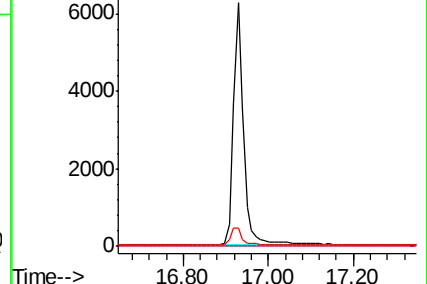
80 7.3 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.193 ng

RT: 16.13 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

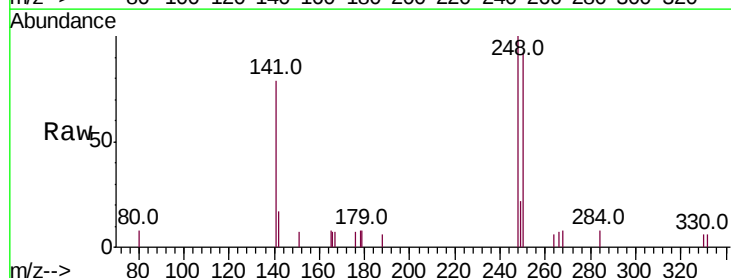
Tgt Ion:248 Resp: 1163

Ion Ratio Lower Upper

248 100

250 92.0 81.8 122.8

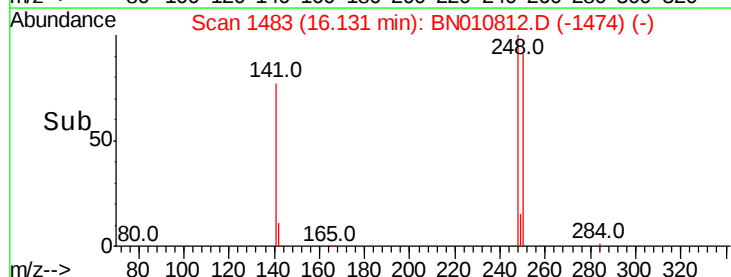
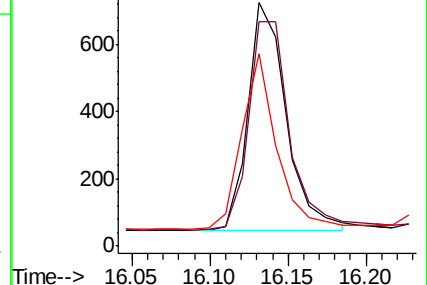
141 79.0 42.6 64.0#

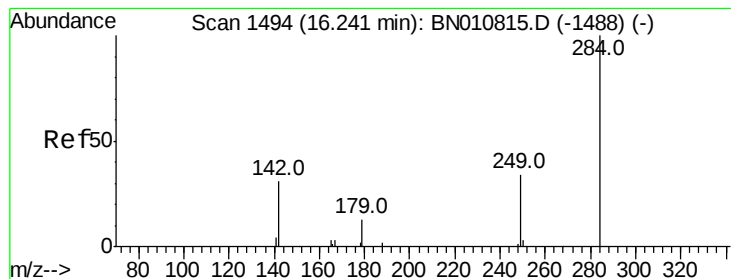


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.204 ng

RT: 16.25 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

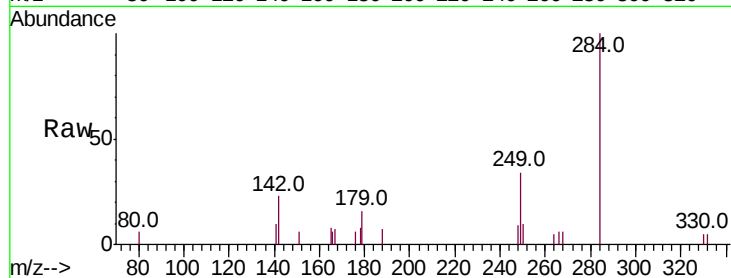
Tot Ion:284 Resp: 1297

Ion Ratio Lower Upper

284 100

142 38.8 31.0 46.4

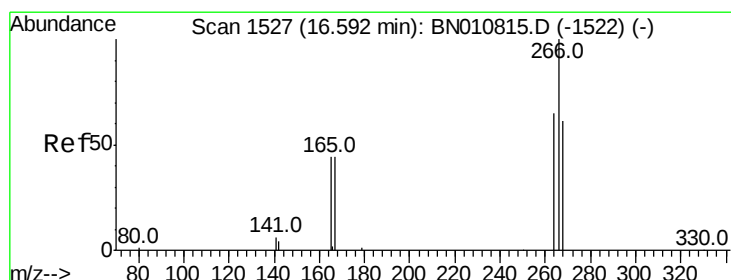
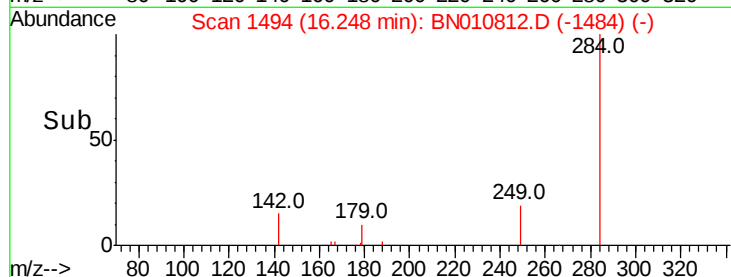
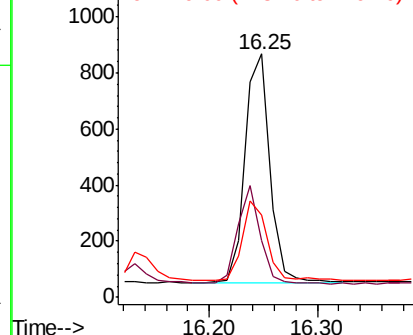
249 35.8 27.1 40.7



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: 0.171 ng

RT: 16.60 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

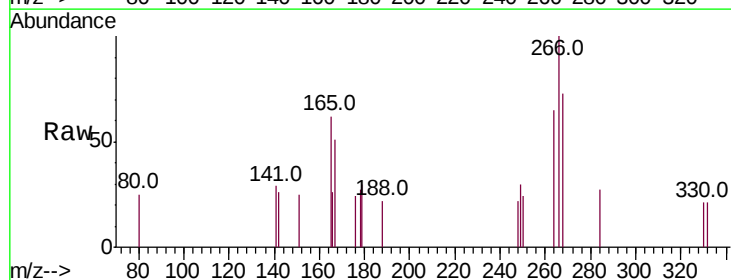
Tgt Ion:266 Resp: 372

Ion Ratio Lower Upper

266 100

264 65.4 54.8 82.2

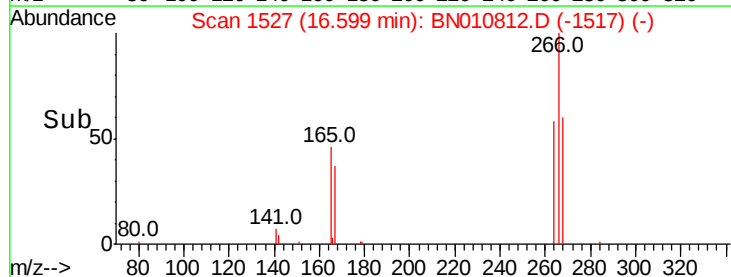
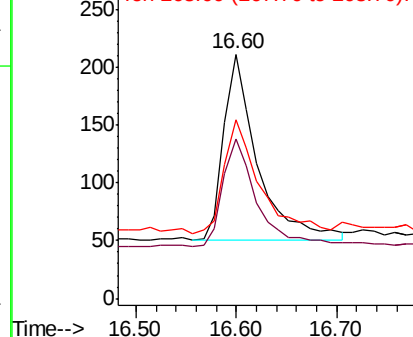
268 73.5 55.9 83.9



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: 0.193 ng

RT: 16.97 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

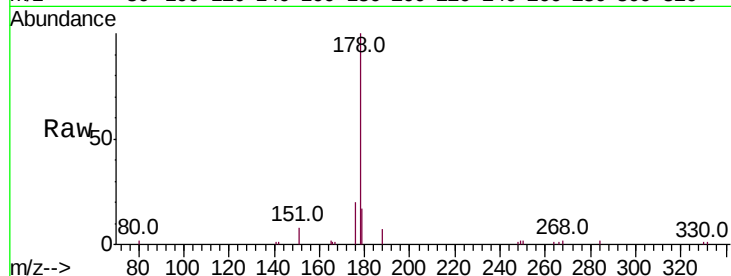
Tot Ion:178 Resp: 5403

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

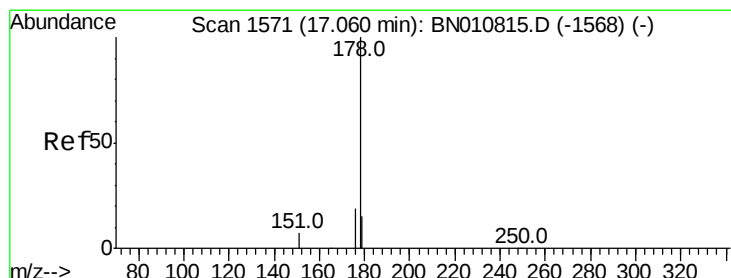
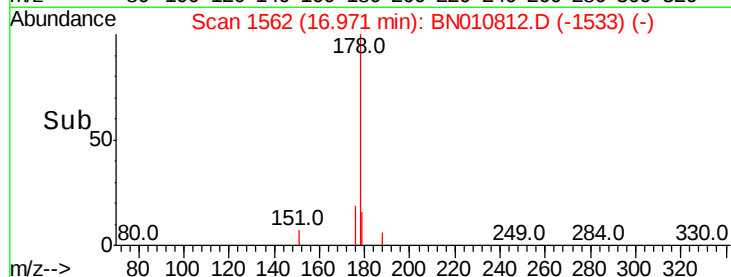
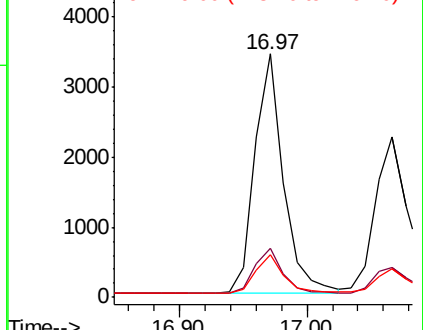
179 15.6 12.6 19.0



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: 0.181 ng

RT: 17.07 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

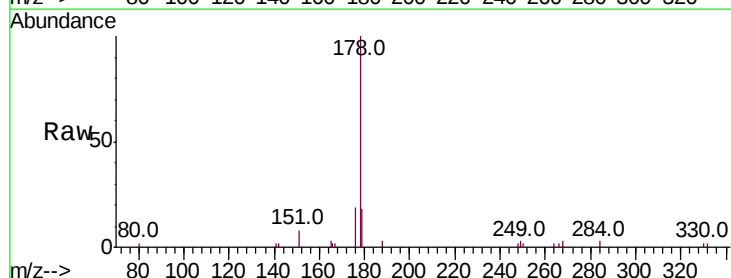
Tgt Ion:178 Resp: 4278

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

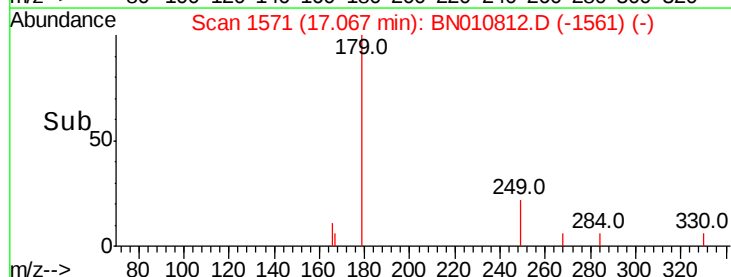
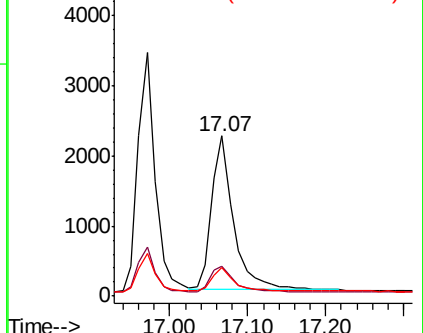
179 15.0 12.3 18.5

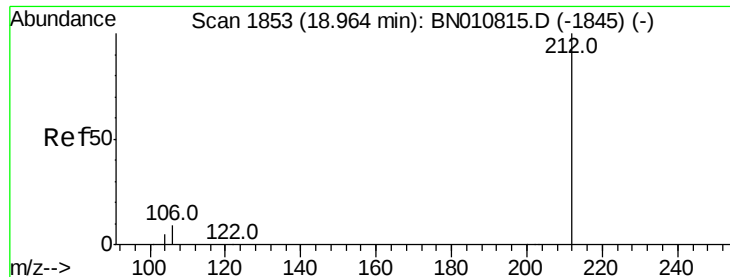


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.186 ng

RT: 18.97 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

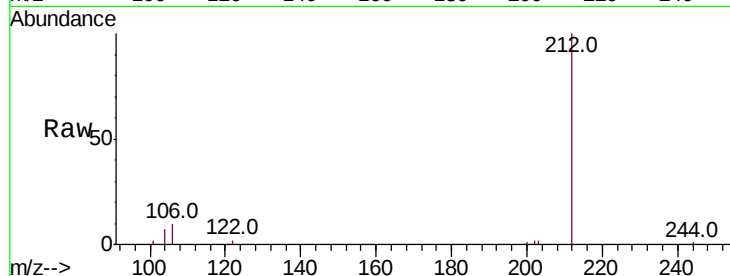
Tot Ion:212 Resp: 5331

Ion Ratio Lower Upper

212 100

106 8.4 6.6 10.0

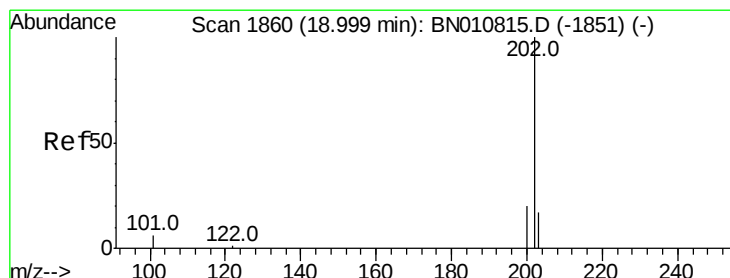
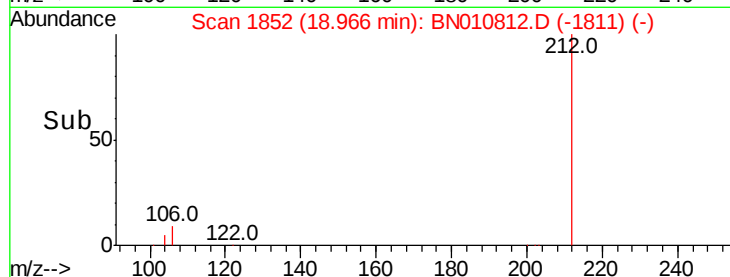
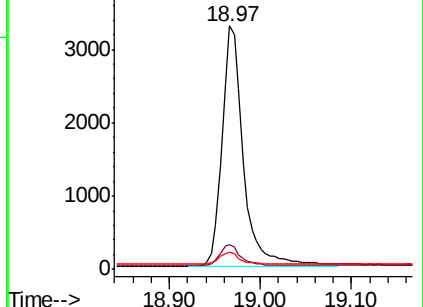
104 4.8 4.0 6.0



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: 0.181 ng

RT: 19.00 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

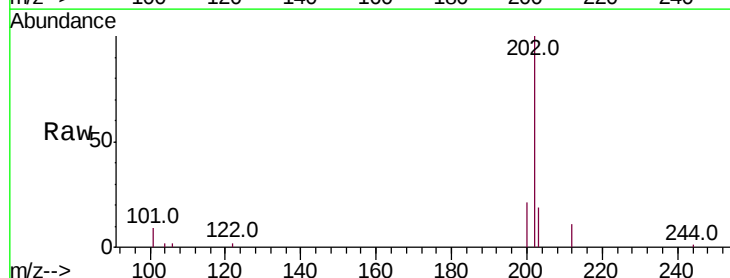
Tgt Ion:202 Resp: 5852

Ion Ratio Lower Upper

202 100

101 7.4 5.8 8.6

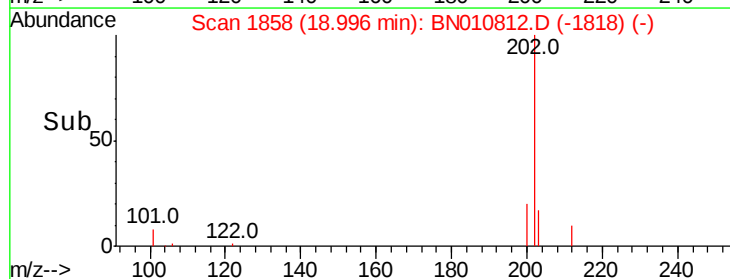
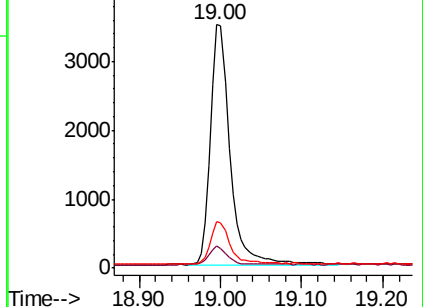
203 17.0 13.7 20.5



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: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

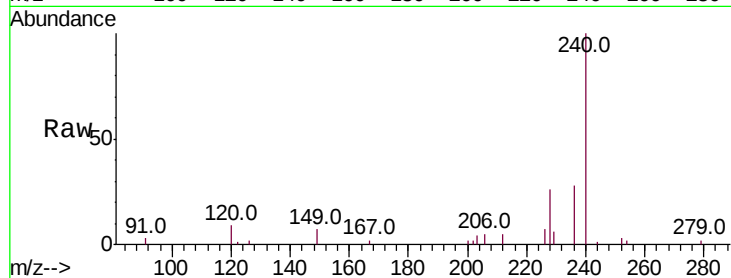
Tot Ion:240 Resp: 8576

Ion Ratio Lower Upper

240 100

120 9.2 7.5 11.3

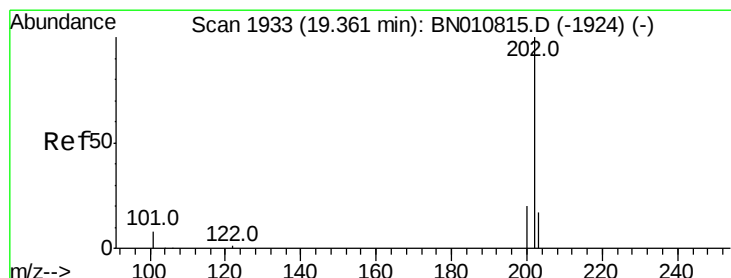
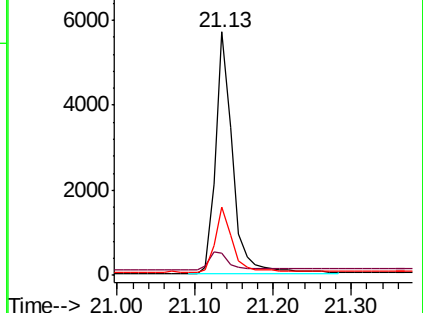
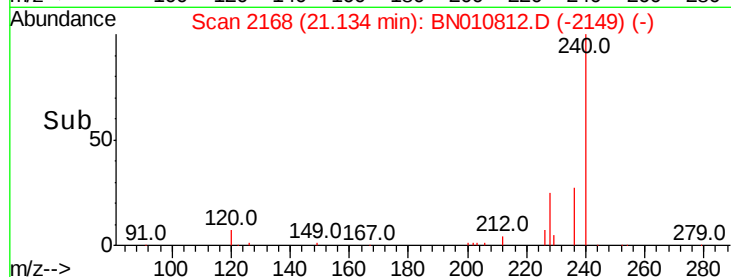
236 28.0 22.3 33.5



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: 0.217 ng

RT: 19.36 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

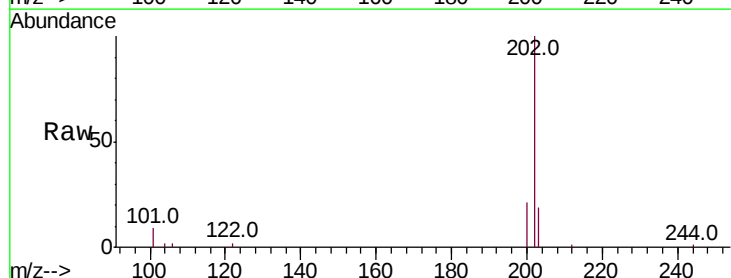
Tgt Ion:202 Resp: 5898

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

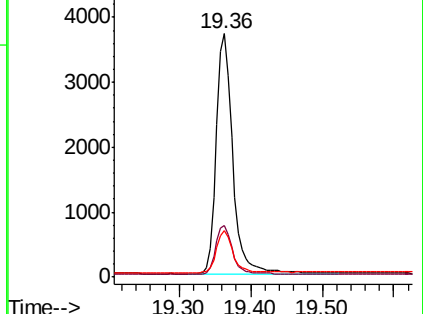
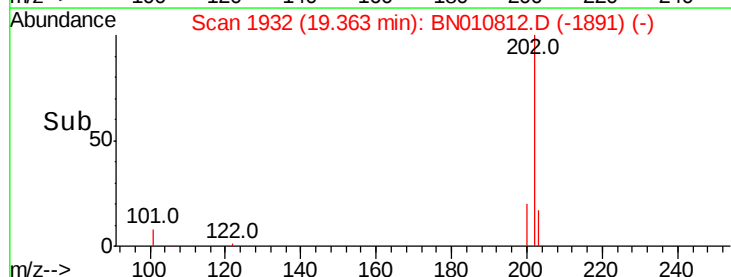
203 17.8 14.2 21.4

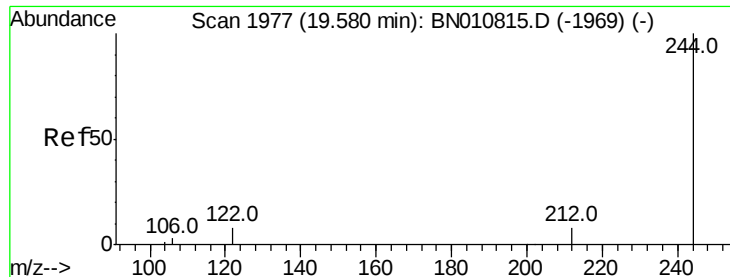


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.218 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

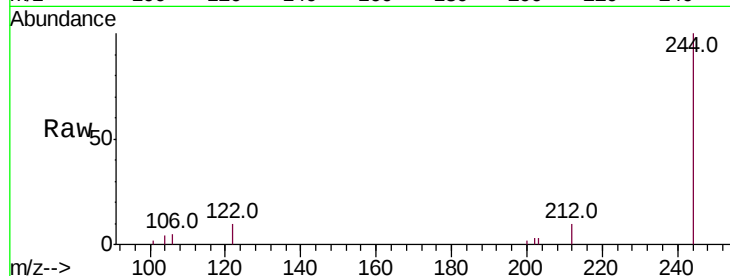
Tot Ion:244 Resp: 4178

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.2

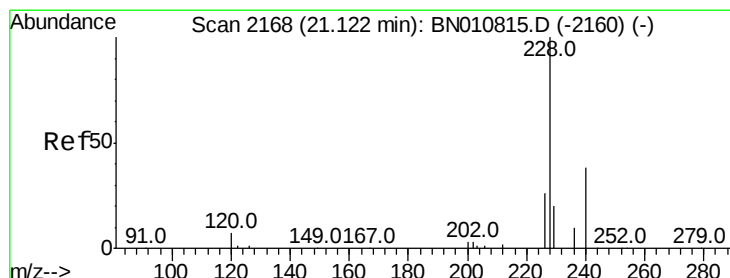
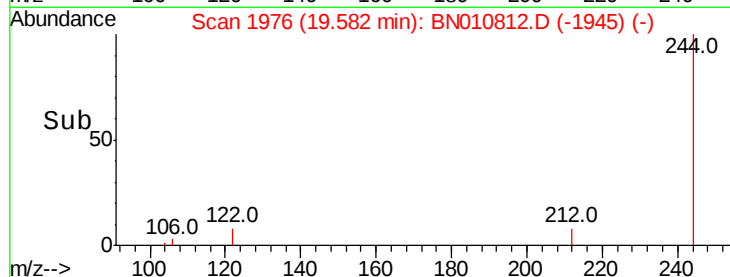
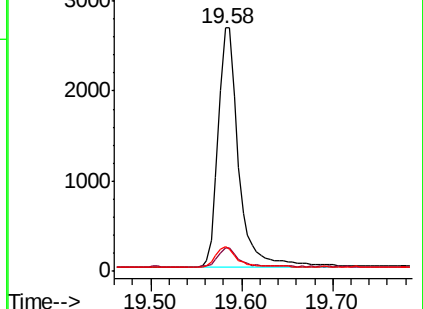
122 9.9 7.5 11.3



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: 0.189 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

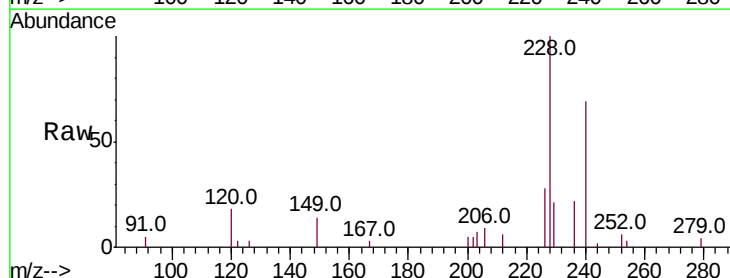
Tgt Ion:228 Resp: 4761

Ion Ratio Lower Upper

228 100

226 27.6 21.3 31.9

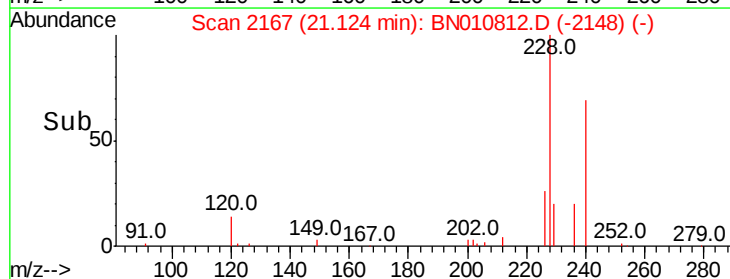
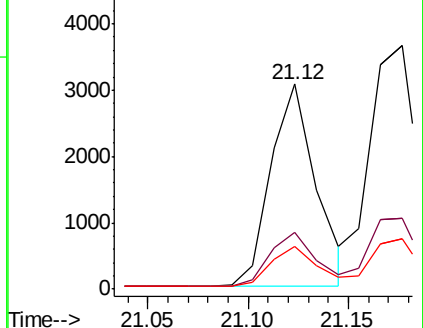
229 21.0 16.6 24.8



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: 0.219 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

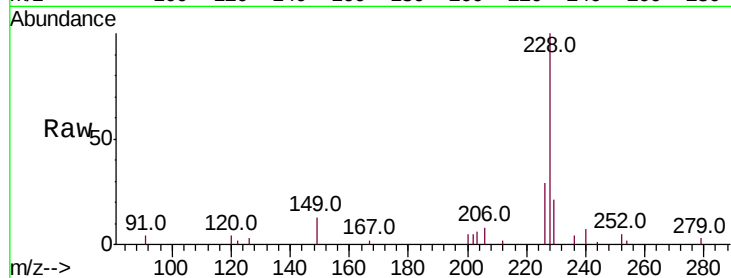
BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:228 Resp: 6275

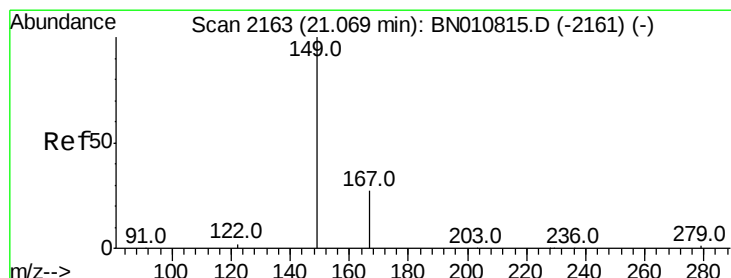
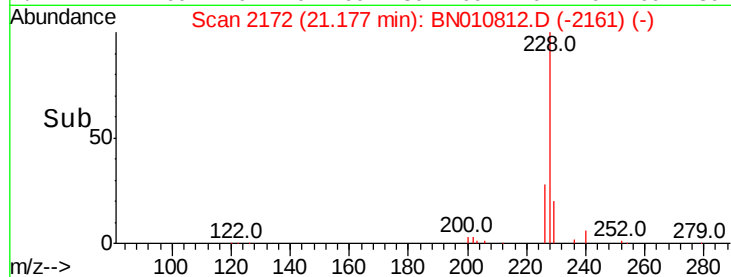
Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	20.8	16.1	24.1



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: 0.215 ng

RT: 21.08 min Scan# 2163

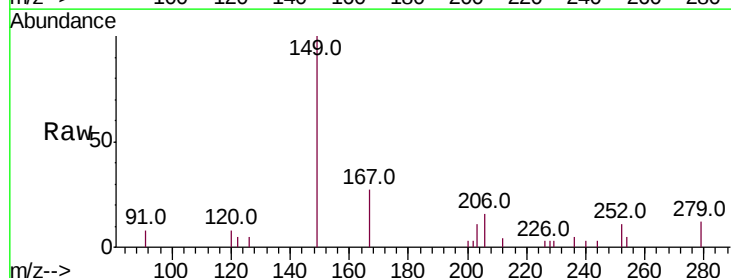
Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Tgt Ion:149 Resp: 1785

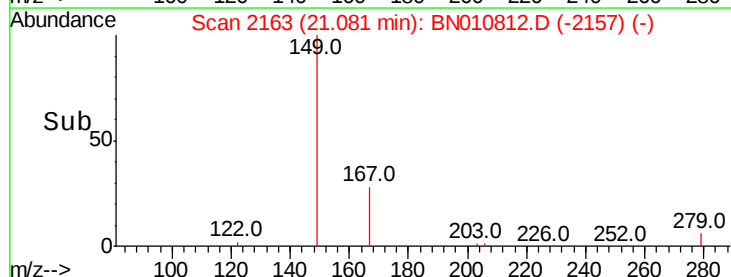
Ion	Ratio	Lower	Upper
149	100		
167	27.5	24.1	36.1
279	6.4	4.6	7.0

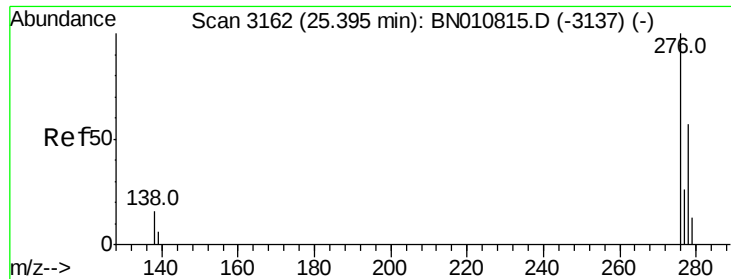


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.197 ng

RT: 25.40 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

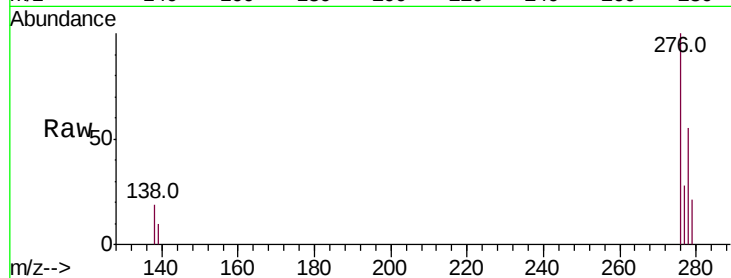
Tot Ion:276 Resp: 6754

Ion Ratio Lower Upper

276 100

138 15.8 13.0 19.6

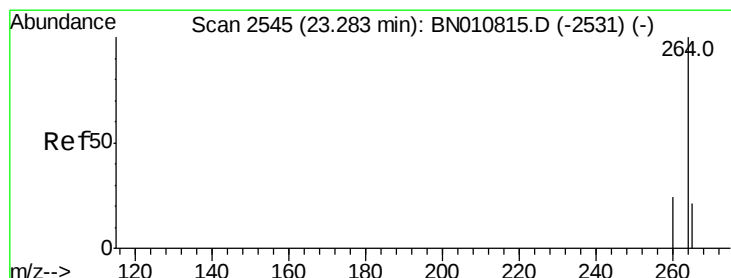
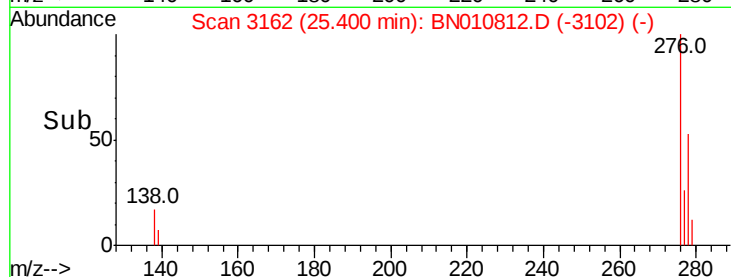
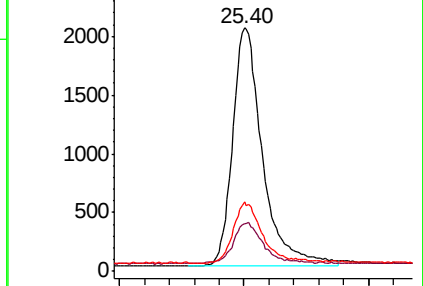
277 24.2 19.7 29.5



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# 2545

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

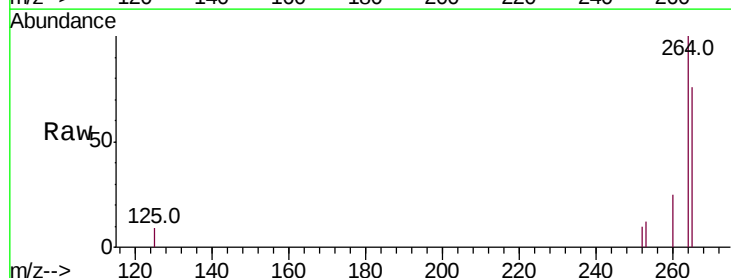
Tgt Ion:264 Resp: 8890

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

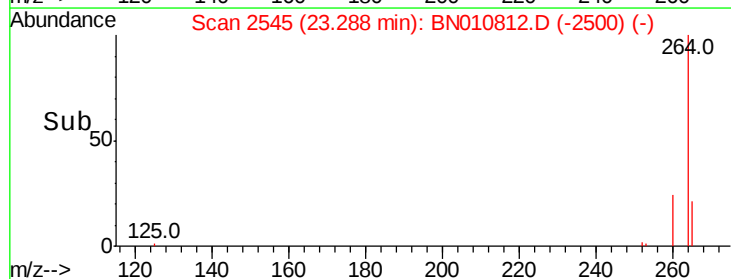
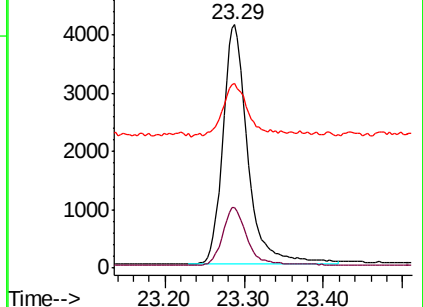
265 75.7 75.0 112.4



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: 0.192 ng

RT: 22.65 min Scan# 2359

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

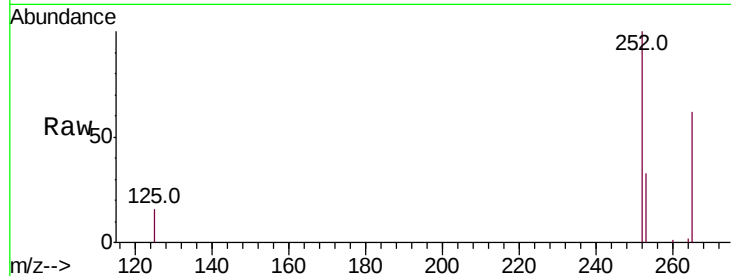
Tot Ion:252 Resp: 5549

Ion Ratio Lower Upper

252 100

253 32.6 22.4 33.6

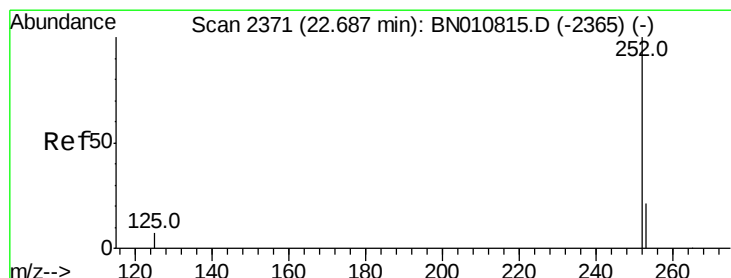
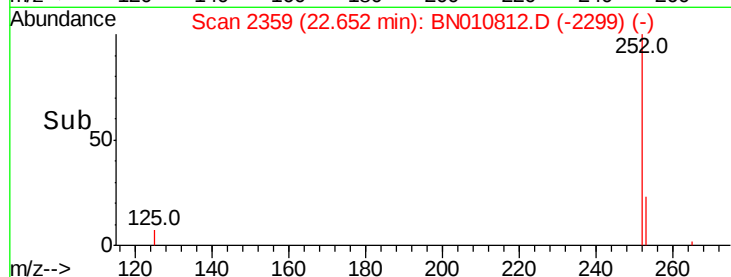
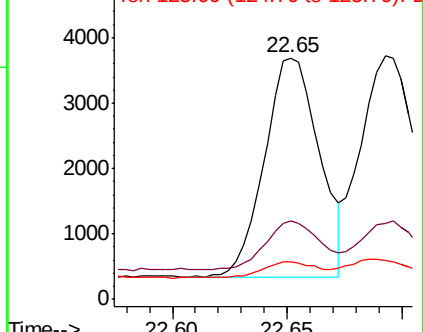
125 15.7 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.197 ng

RT: 22.69 min Scan# 2371

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

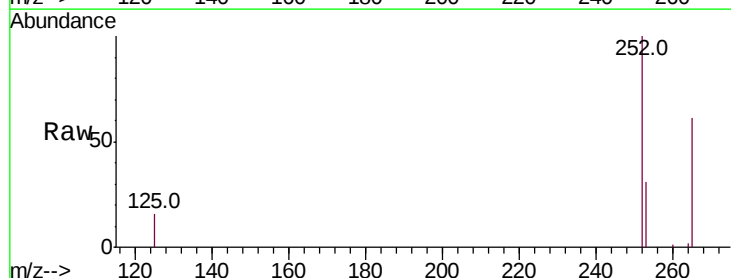
Tgt Ion:252 Resp: 6267

Ion Ratio Lower Upper

252 100

253 31.4 22.2 33.4

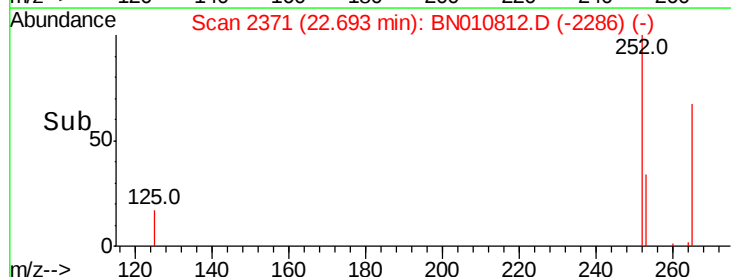
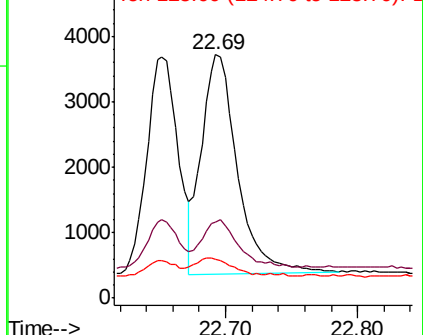
125 15.9 9.8 14.8#



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: 0.190 ng

RT: 23.20 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

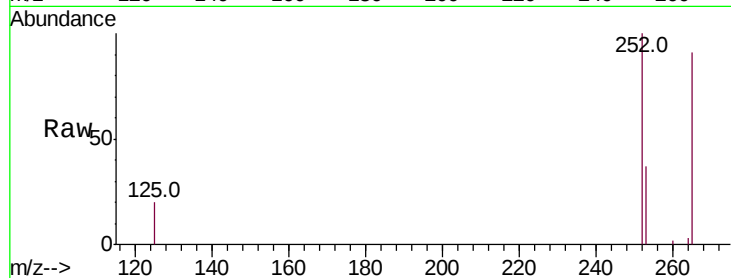
Tot Ion:252 Resp: 4916

Ion Ratio Lower Upper

252 100

253 37.0 25.8 38.8

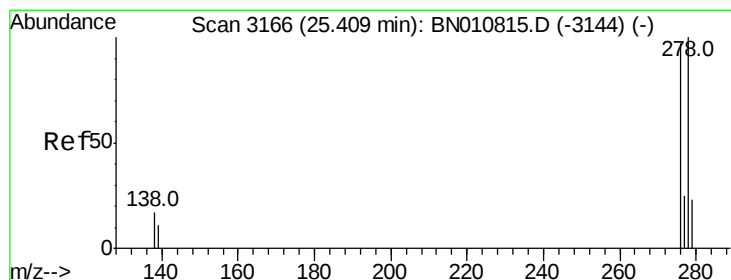
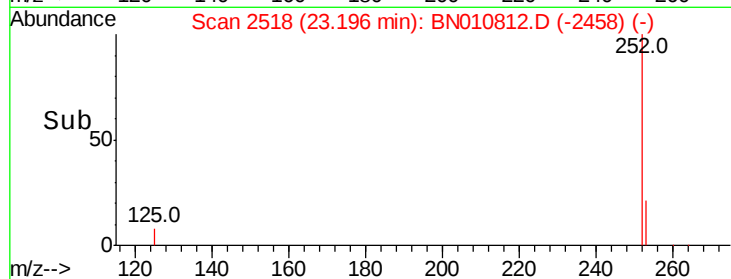
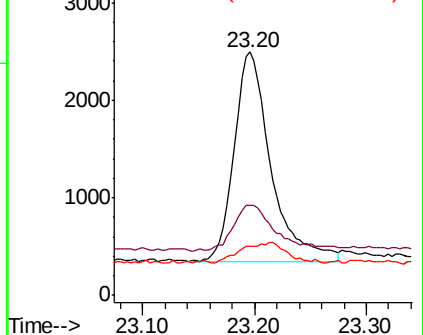
125 20.4 12.4 18.6#



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: 0.187 ng

RT: 25.42 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

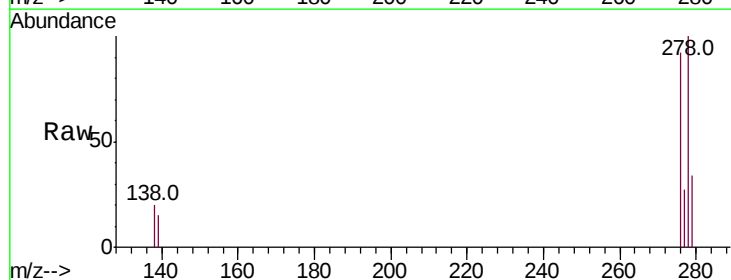
Tgt Ion:278 Resp: 5455

Ion Ratio Lower Upper

278 100

139 14.8 10.6 15.8

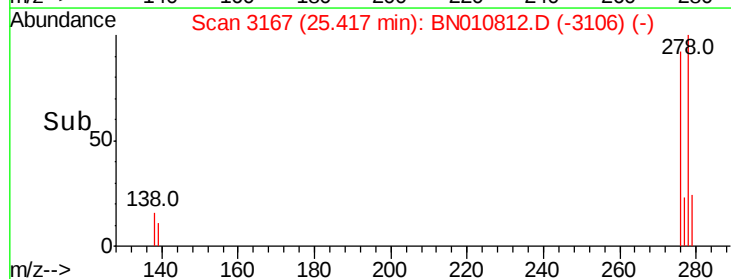
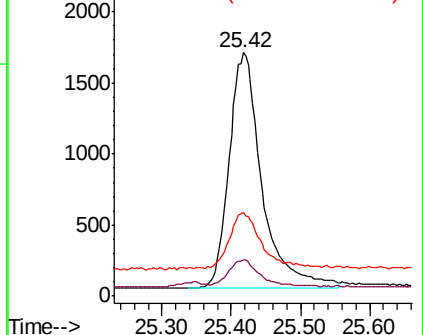
279 34.4 23.6 35.4



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: 0.197 ng

RT: 26.04 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BN010812.D

Acq: 10 Jun 2020 11:03

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

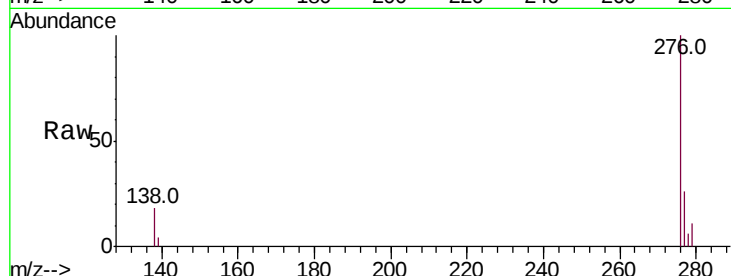
Tot Ion:276 Resp: 5931

Ion Ratio Lower Upper

276 100

277 26.4 20.5 30.7

138 17.8 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

