

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
 Data File : BN008890.D
 Acq On : 09 Dec 2019 13:19
 Operator : JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Dec 09 15:15:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:08:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2726	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	11639	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	8523	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	19796	0.40	ng	0.00
27) Chrysene-d12	21.13	240	20828	0.40	ng	0.00
34) Perylene-d12	23.28	264	22095	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	1335	0.18	ng	0.00
5) Phenol-d6	6.75	99	1780	0.18	ng	0.00
8) Nitrobenzene-d5	8.69	82	1853	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	3786	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	712	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	6178	0.19	ng	0.00
25) Fluoranthene-d10	18.97	212	10967	0.18	ng	0.00
29) Terphenyl-d14	19.58	244	9130	0.19	ng	0.00

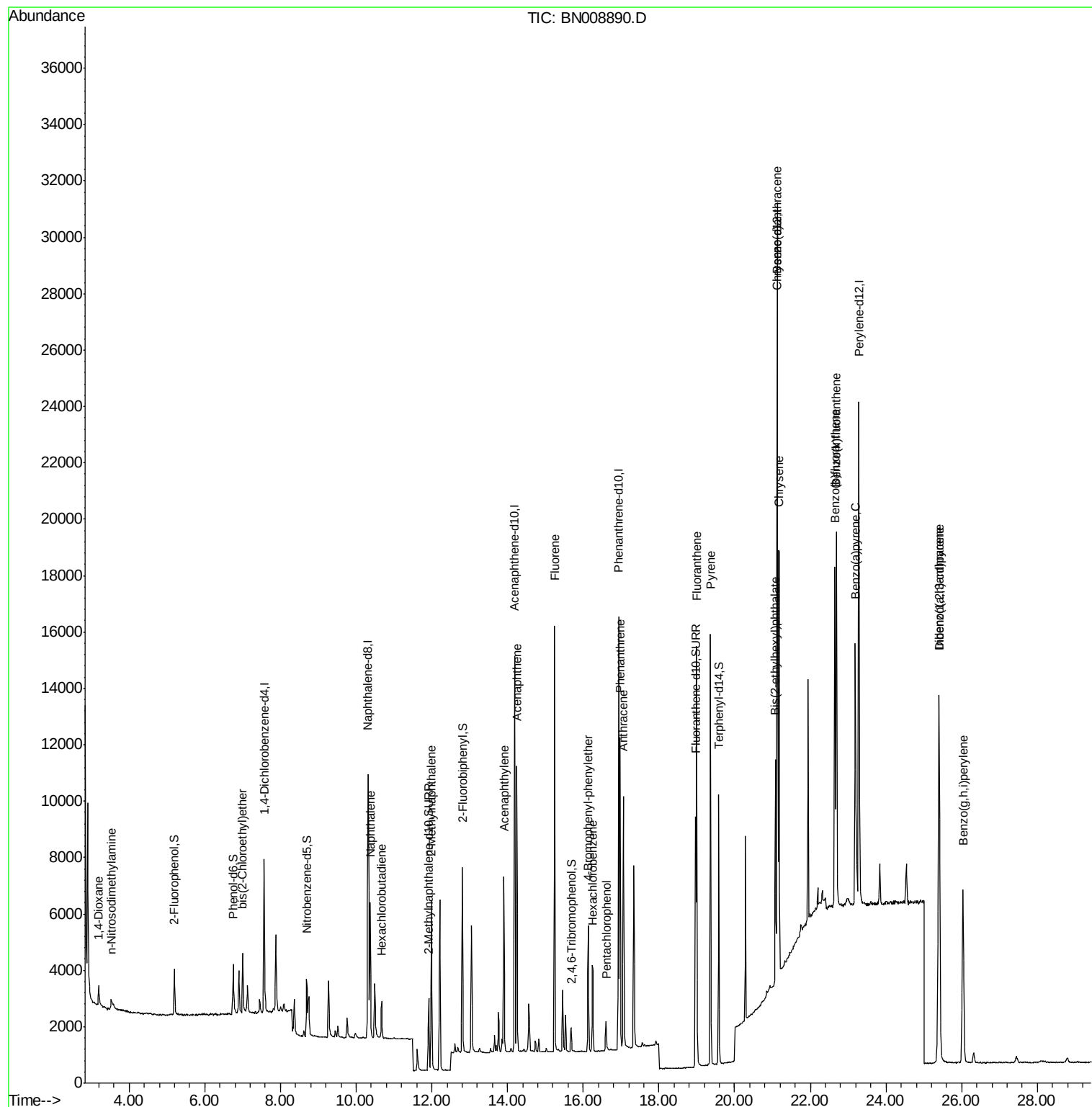
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	482	0.184	ng	98
3) n-Nitrosodimethylamine	3.54	42	507	0.140	ng	# 94
6) bis(2-Chloroethyl)ether	7.00	93	1752	0.194	ng	98
9) Naphthalene	10.37	128	6139	0.198	ng	98
10) Hexachlorobutadiene	10.67	225	1158	0.189	ng	# 100
12) 2-Methylnaphthalene	11.99	142	4549	0.199	ng	98
16) Acenaphthylene	13.90	152	6966	0.175	ng	99
17) Acenaphthene	14.25	154	4898	0.194	ng	100
18) Fluorene	15.24	166	6613	0.198	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	2188	0.189	ng	100
21) Hexachlorobenzene	16.25	284	2592	0.194	ng	99
22) Pentachlorophenol	16.60	266	721	0.135	ng	96
23) Phenanthrene	16.97	178	11546	0.191	ng	100
24) Anthracene	17.06	178	9862	0.178	ng	99
26) Fluoranthene	19.00	202	13408	0.184	ng	100
28) Pyrene	19.36	202	13765	0.189	ng	100
30) Benzo(a)anthracene	21.12	228	13517	0.180	ng	99
31) Chrysene	21.17	228	14480	0.198	ng	99
32) Bis(2-ethylhexyl)phthalate	21.08	149	6540	0.130	ng	99
33) Indeno(1,2,3-cd)pyrene	25.39	276	15039	0.167	ng	99
35) Benzo(b)fluoranthene	22.65	252	14610	0.199	ng	# 94
36) Benzo(k)fluoranthene	22.69	252	14906	0.207	ng	# 86
37) Benzo(a)pyrene	23.19	252	13003	0.188	ng	# 90
38) Dibenzo(a,h)anthracene	25.41	278	12136	0.172	ng	94
39) Benzo(g,h,i)perylene	26.03	276	11867	0.166	ng	97

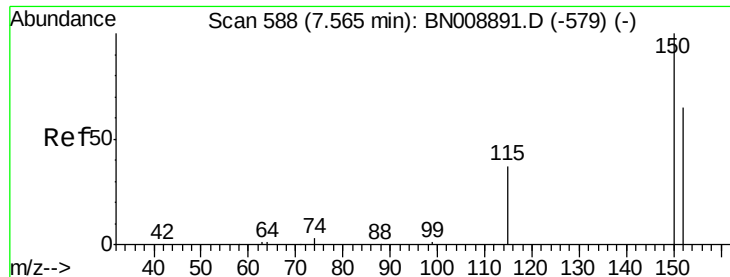
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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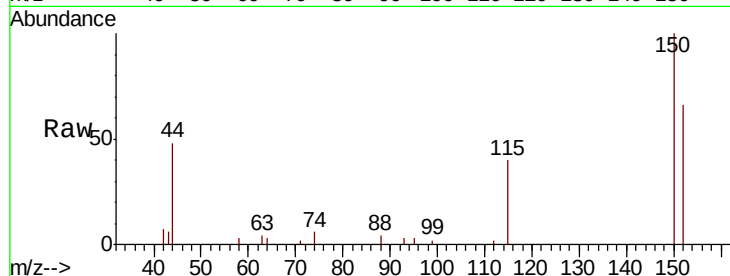


#1

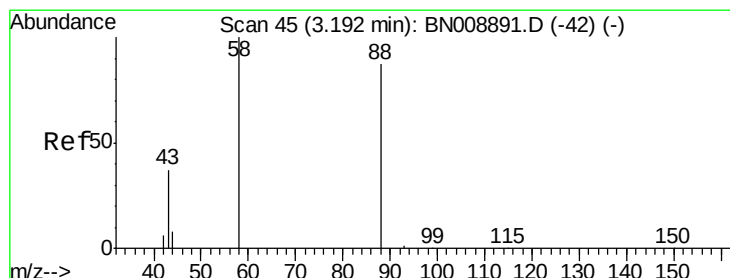
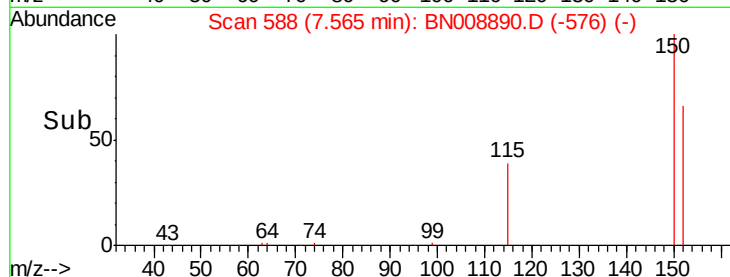
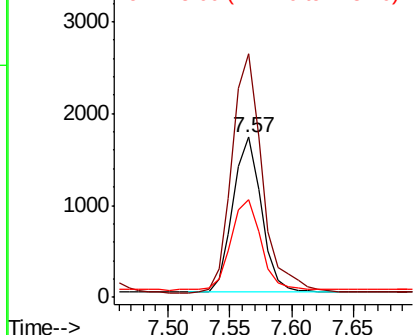
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 2726
Ion Ratio Lower Upper
152 100
150 152.3 122.3 183.5
115 61.3 48.4 72.6



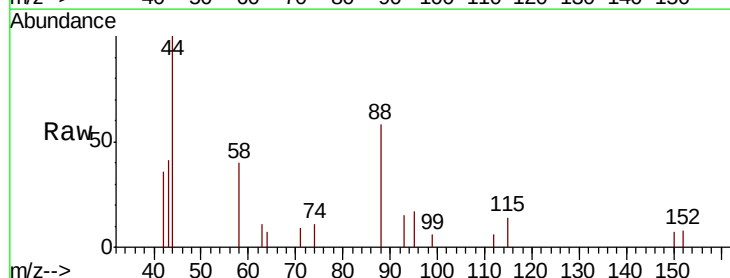
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



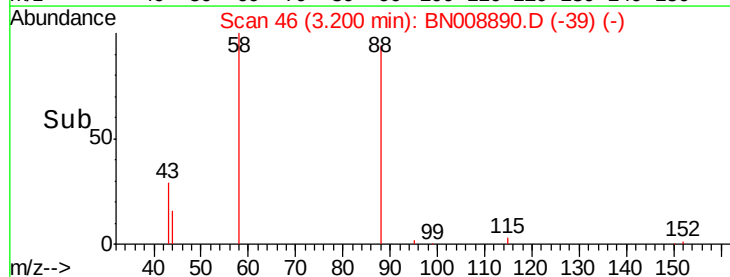
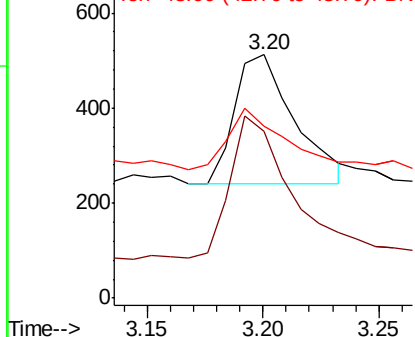
#2

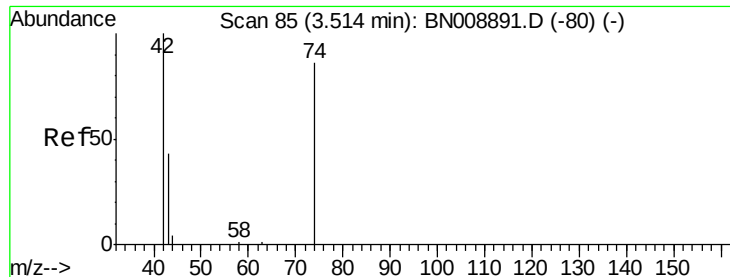
1,4-Dioxane
Concen: 0.184 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.01 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion: 88 Resp: 482
Ion Ratio Lower Upper
88 100
58 110.6 88.6 132.8
43 44.8 31.8 47.8



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



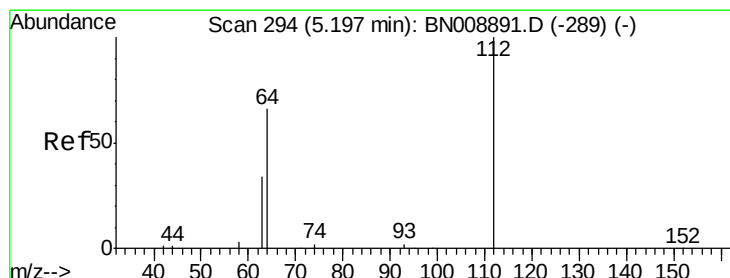
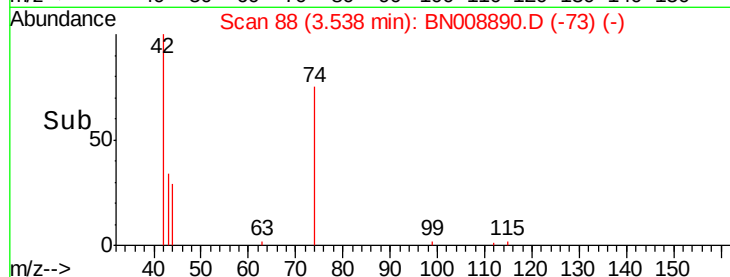
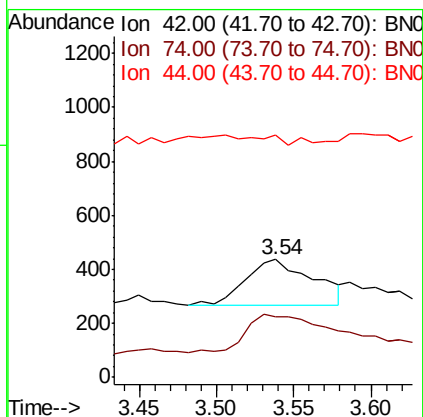
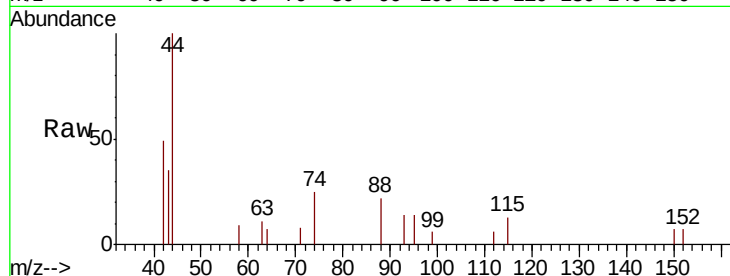


#3

n-Nitrosodimethylamine
 Concen: 0.140 ng
 RT: 3.54 min Scan# 88
 Delta R.T. 0.02 min
 Lab File: BN008890.D
 Acq: 09 Dec 2019 13:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

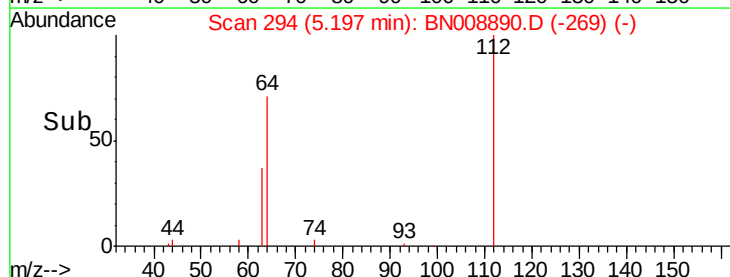
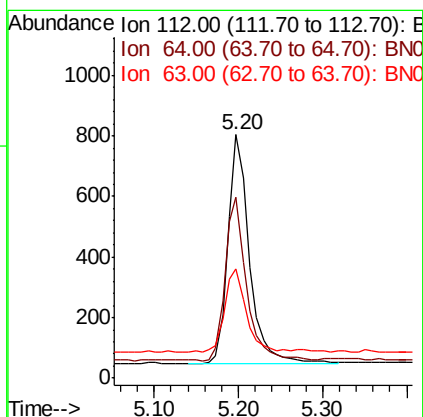
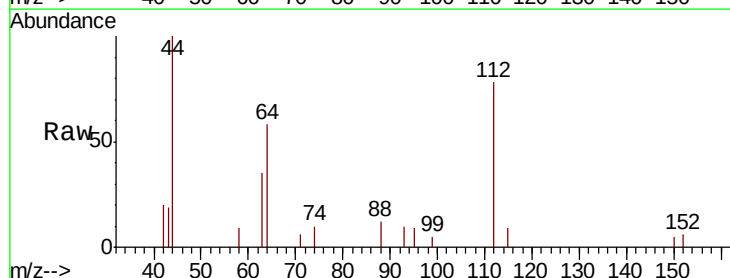
Tot Ion: 42 Resp: 507
 Ion Ratio Lower Upper
 42 100
 74 92.7 78.6 117.8
 44 0.0 0.0 0.0

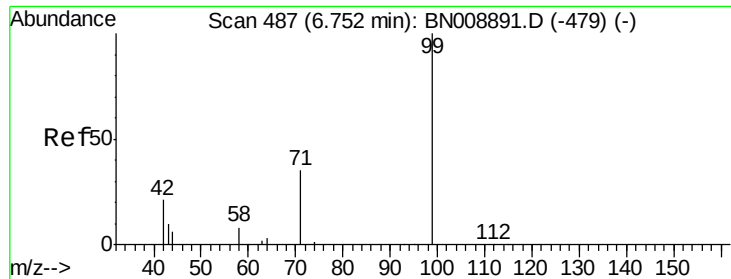


#4

2-Fluorophenol
 Concen: 0.181 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008890.D
 Acq: 09 Dec 2019 13:19

Tgt Ion: 112 Resp: 1335
 Ion Ratio Lower Upper
 112 100
 64 71.5 57.7 86.5
 63 35.7 29.6 44.4





#5

Phenol-d6

Concen: 0.177 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

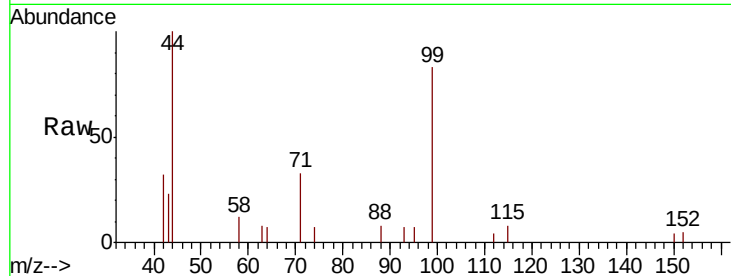
Tot Ion: 99 Resp: 1780

Ion Ratio Lower Upper

99 100

42 30.7 20.1 30.1#

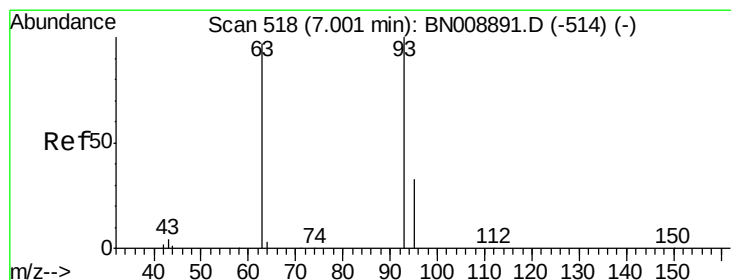
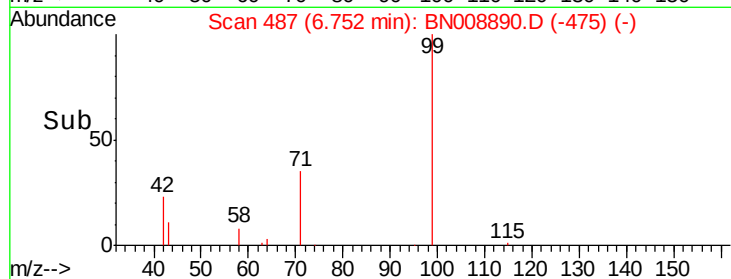
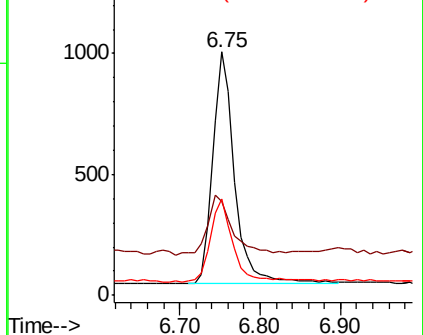
71 37.4 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008890.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008890.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008890.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.194 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

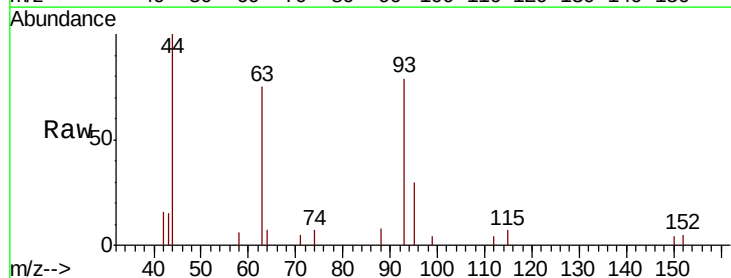
Tgt Ion: 93 Resp: 1752

Ion Ratio Lower Upper

93 100

63 90.2 73.5 110.3

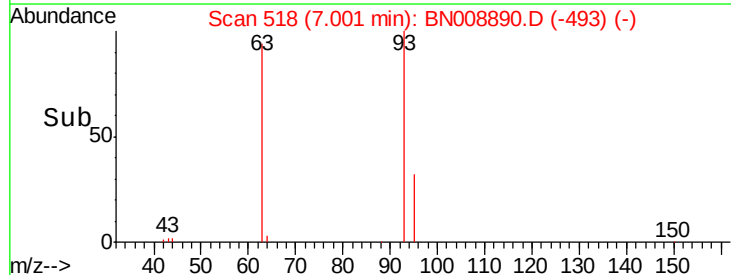
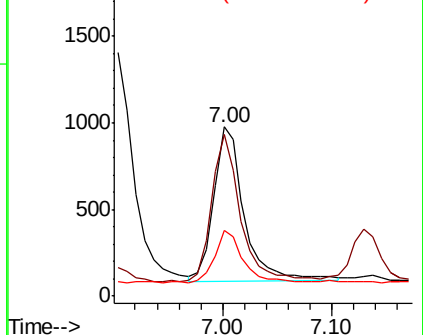
95 31.1 26.0 39.0

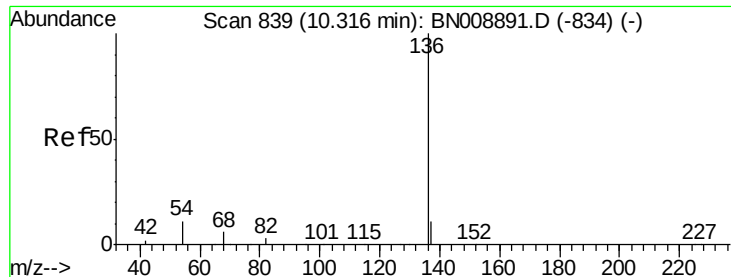


Abundance Ion 93.00 (92.70 to 93.70): BN008890.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN008890.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN008890.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 11639

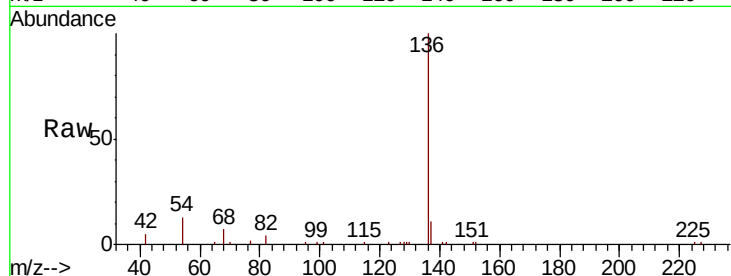
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 12.6 9.6 14.4

68 7.0 5.6 8.4

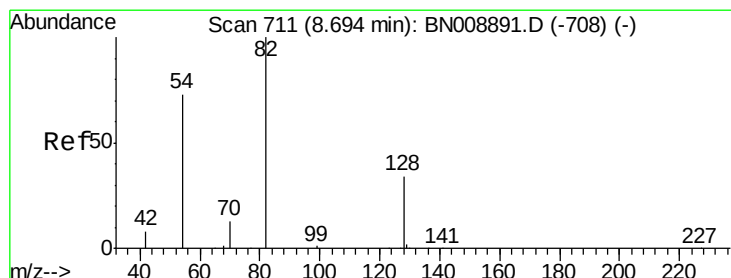
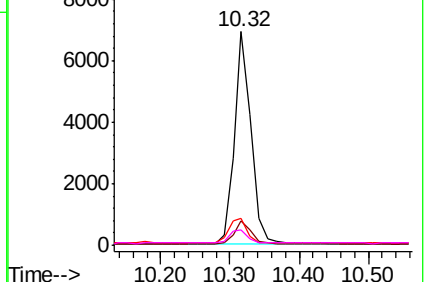
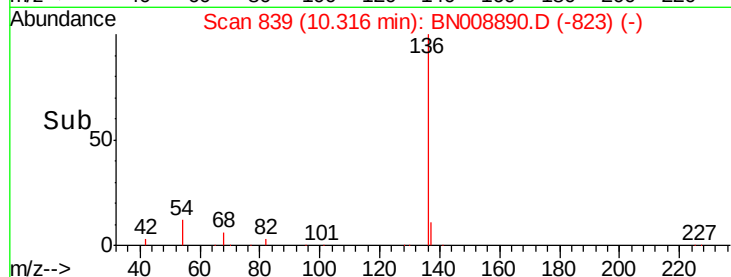


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.180 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

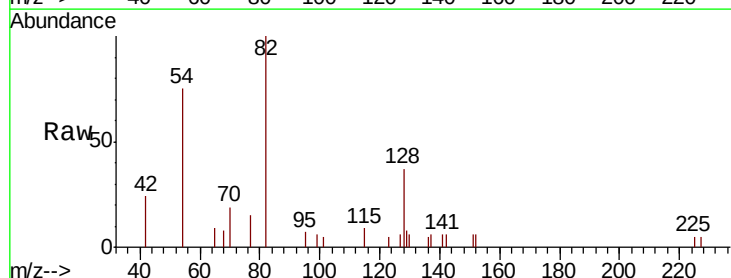
Tgt Ion: 82 Resp: 1853

Ion Ratio Lower Upper

82 100

128 36.7 29.1 43.7

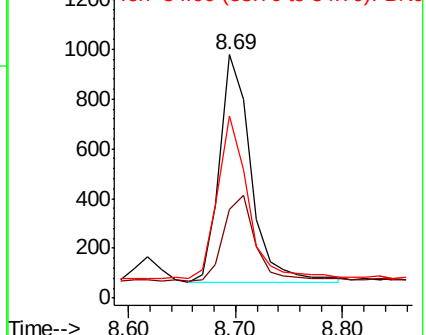
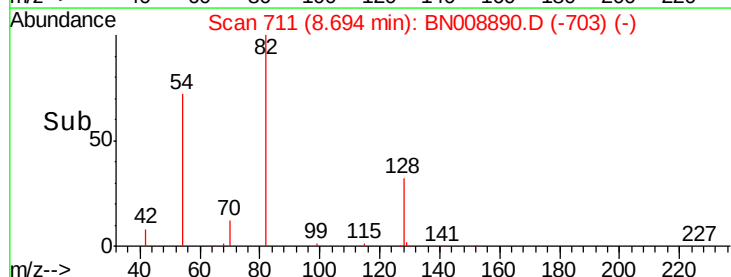
54 74.6 59.7 89.5

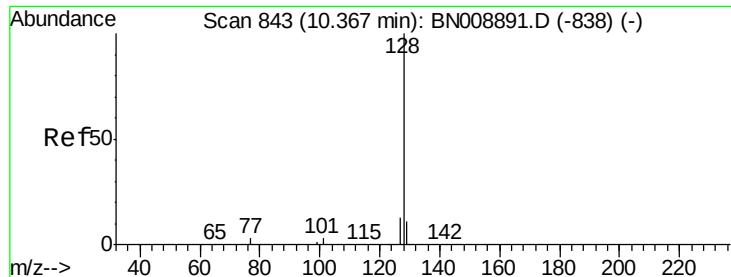


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.198 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

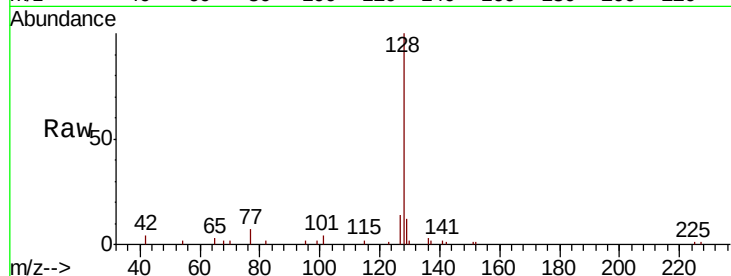
Tot Ion:128 Resp: 6139

Ion Ratio Lower Upper

128 100

129 12.5 9.4 14.0

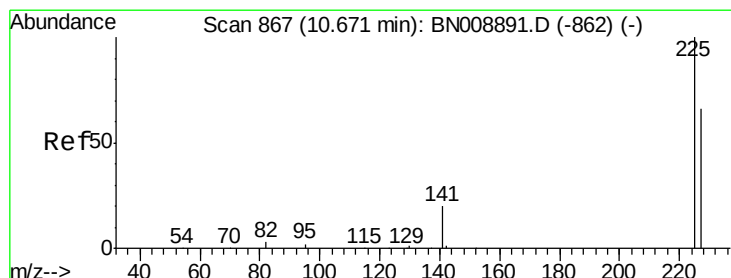
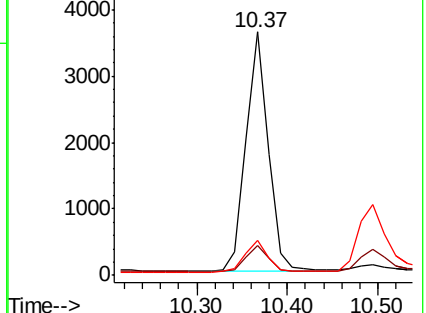
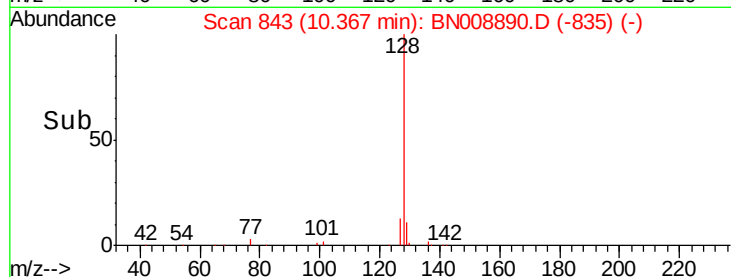
127 14.4 10.8 16.2



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: 0.189 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

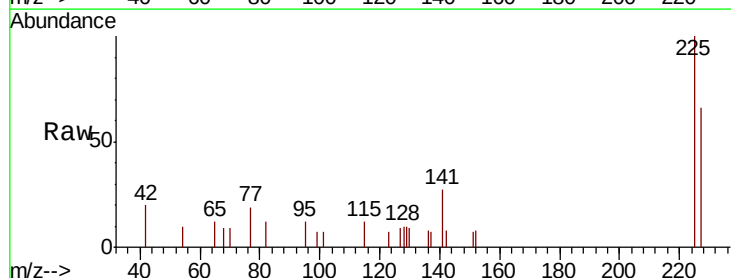
Tgt Ion:225 Resp: 1158

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

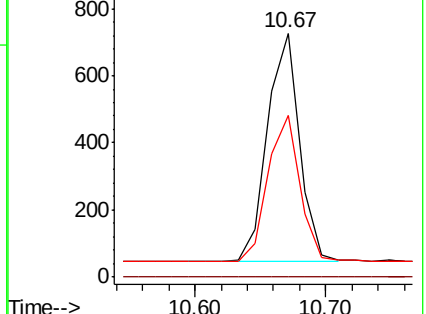
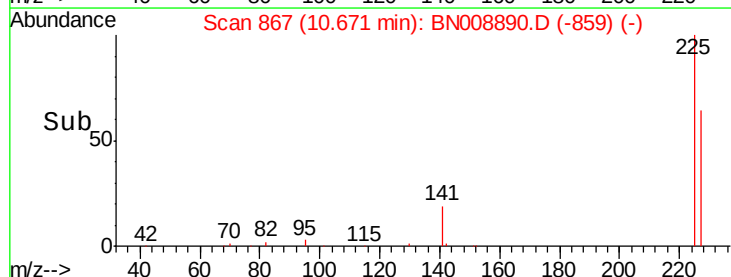
227 64.1 51.4 77.2

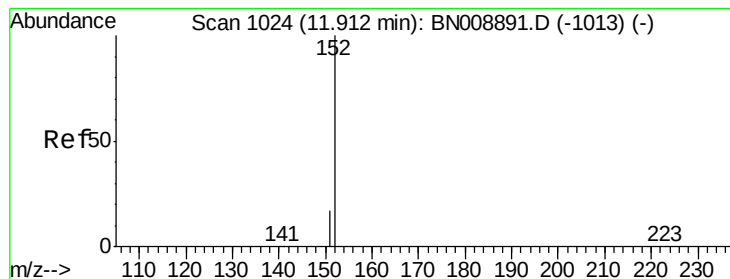


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.196 ng

RT: 11.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

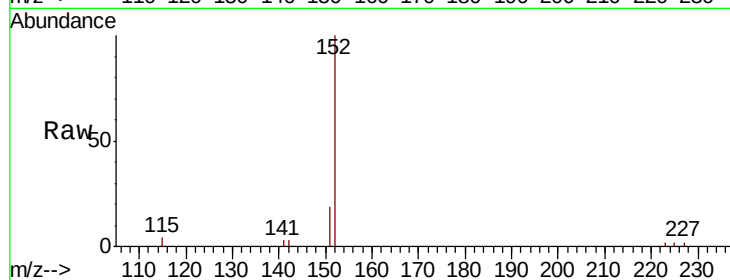
SSTDIC0.2

Tot Ion:152 Resp: 3786

Ion Ratio Lower Upper

152 100

151 18.5 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.91

2500

2000

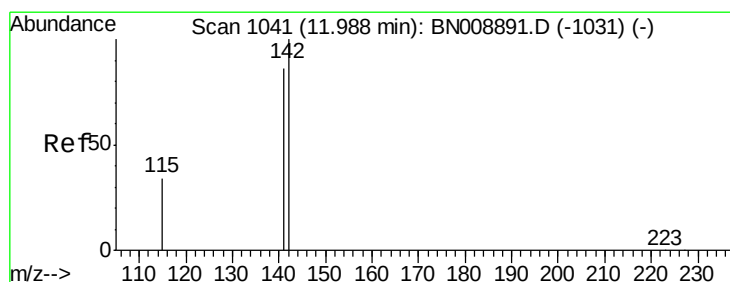
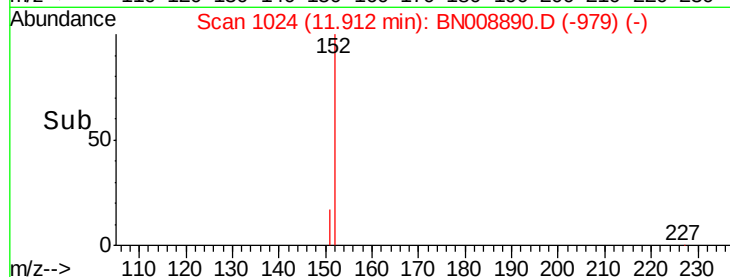
1500

1000

500

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.199 ng

RT: 11.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

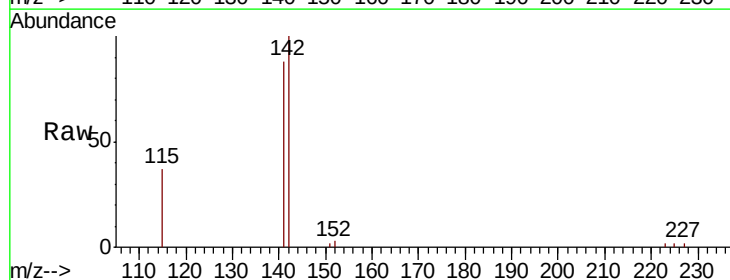
Tgt Ion:142 Resp: 4549

Ion Ratio Lower Upper

142 100

141 88.2 69.3 103.9

115 37.2 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.99

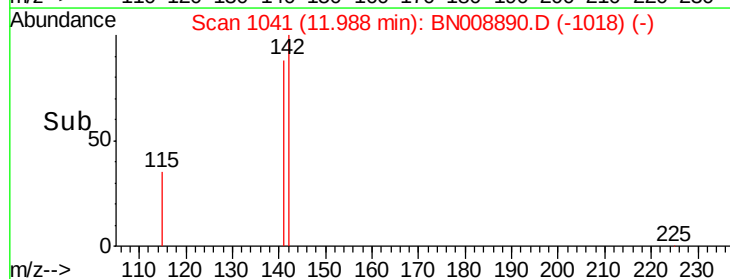
3000

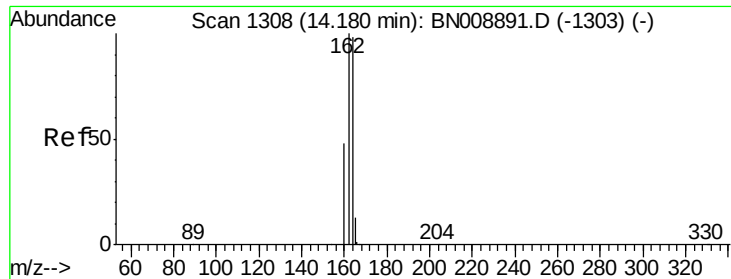
2000

1000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

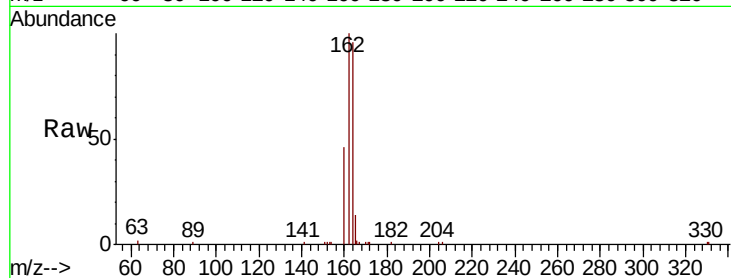
Tot Ion:164 Resp: 8523

Ion Ratio Lower Upper

164 100

162 104.3 81.9 122.9

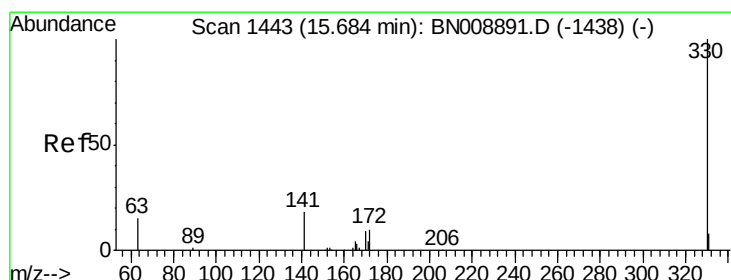
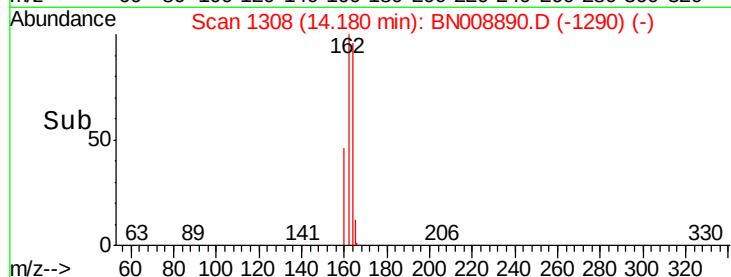
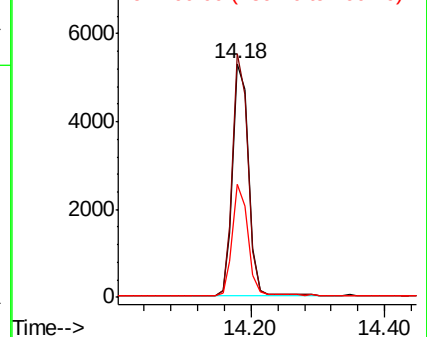
160 48.3 39.3 58.9



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: 0.154 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

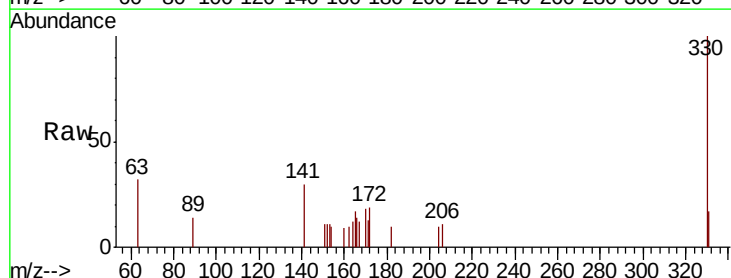
Tgt Ion:330 Resp: 712

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

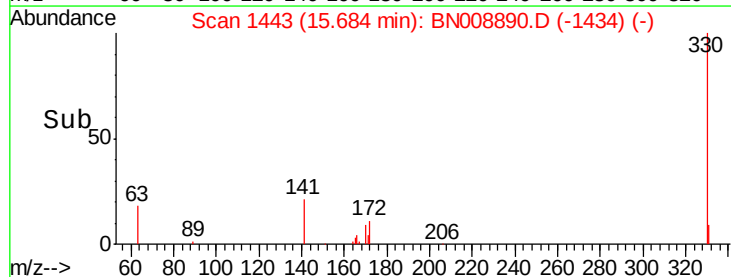
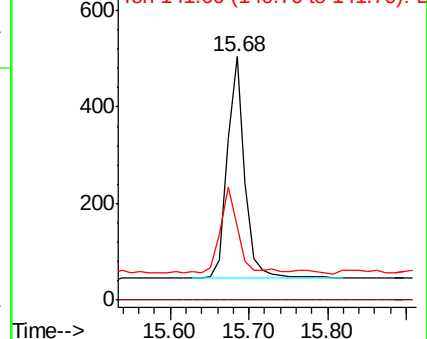
141 38.3 29.6 44.4

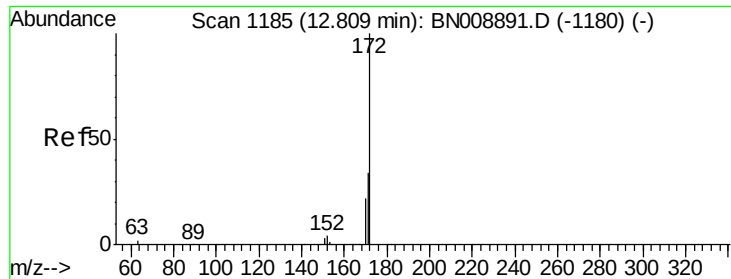


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

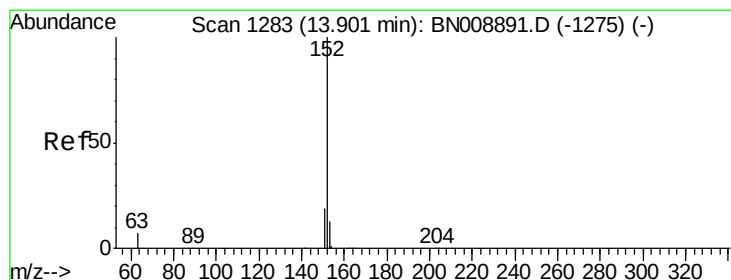
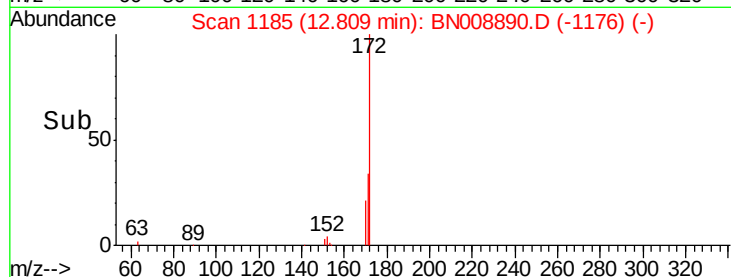
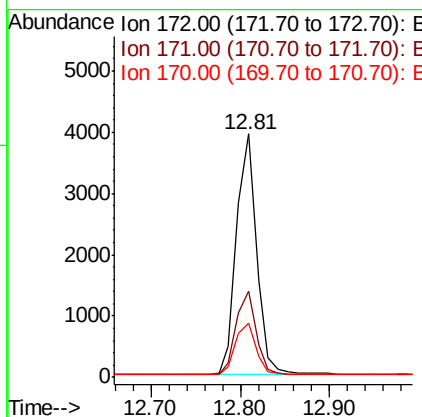
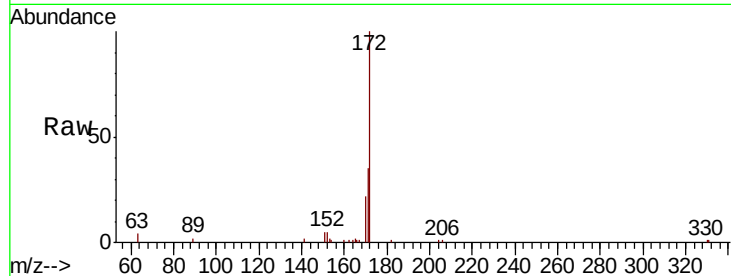




#15
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

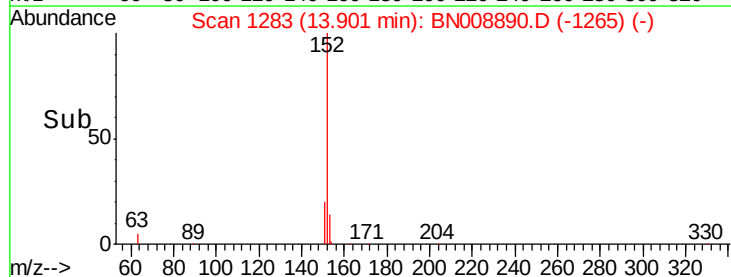
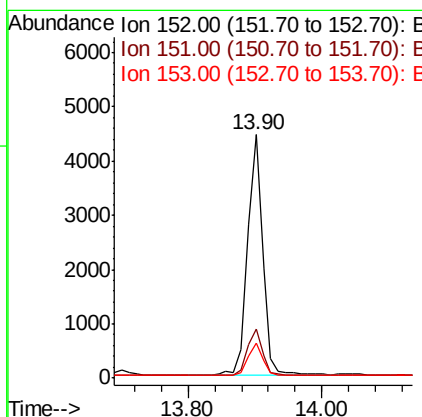
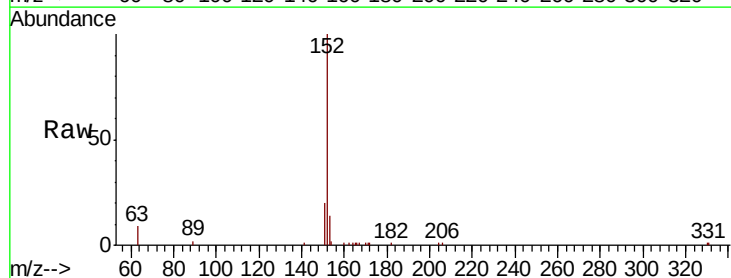
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

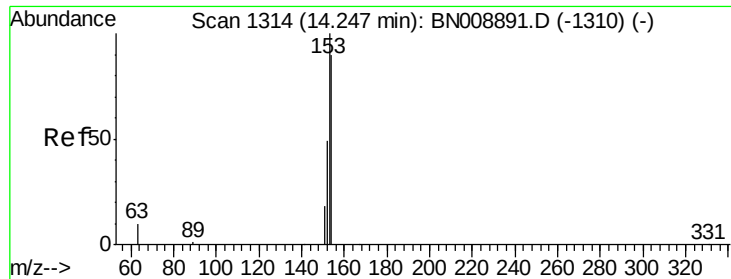
Tot Ion:172 Resp: 6178
Ion Ratio Lower Upper
172 100
171 35.3 27.1 40.7
170 22.4 17.7 26.5



#16
Acenaphthylene
Concen: 0.175 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:152 Resp: 6966
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9
153 13.3 10.3 15.5





#17

Acenaphthene

Concen: 0.194 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

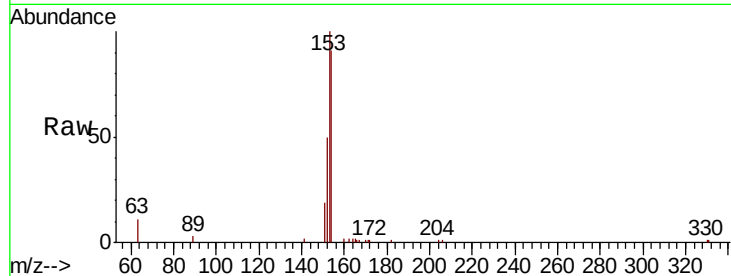
Tot Ion:154 Resp: 4898

Ion Ratio Lower Upper

154 100

153 111.3 89.2 133.8

152 54.8 44.2 66.4

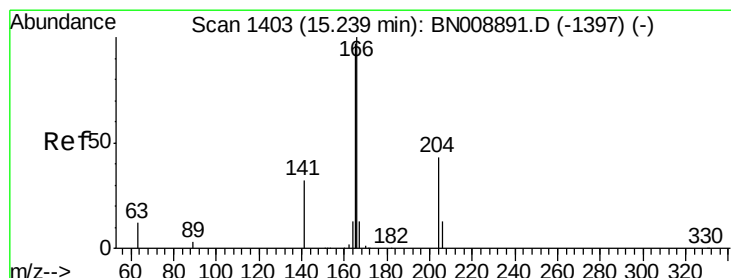
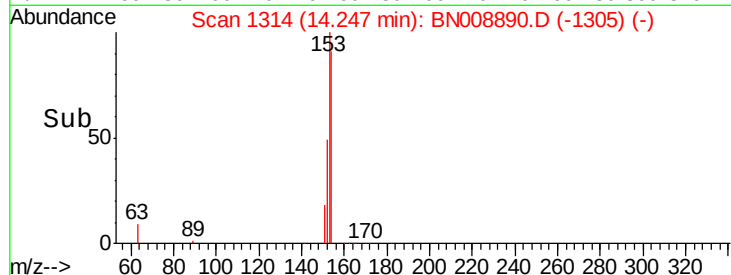
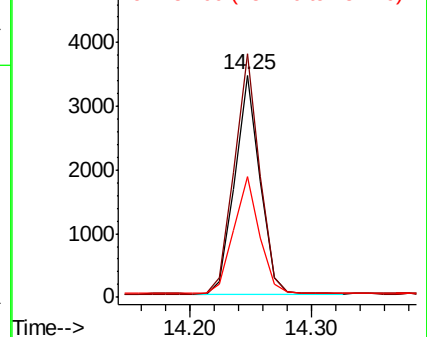


Abundance

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: 0.198 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

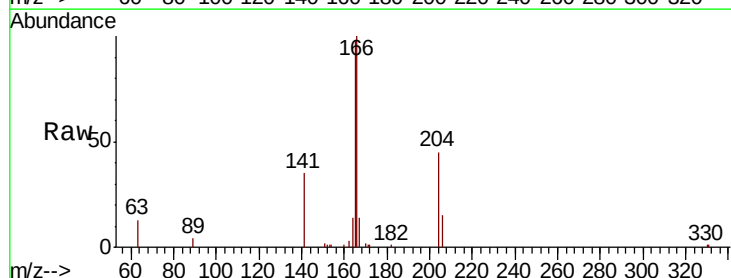
Tgt Ion:166 Resp: 6613

Ion Ratio Lower Upper

166 100

165 97.8 77.3 115.9

167 13.2 10.8 16.2

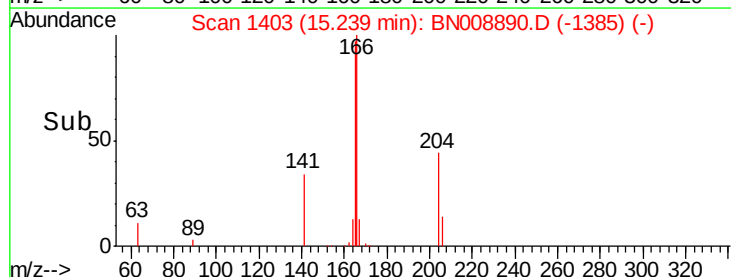
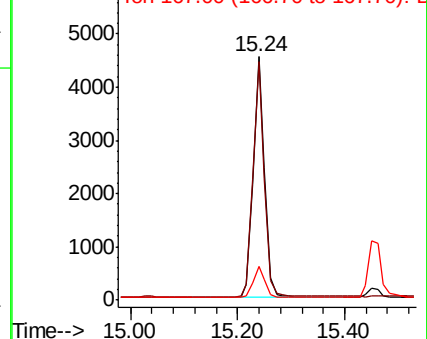


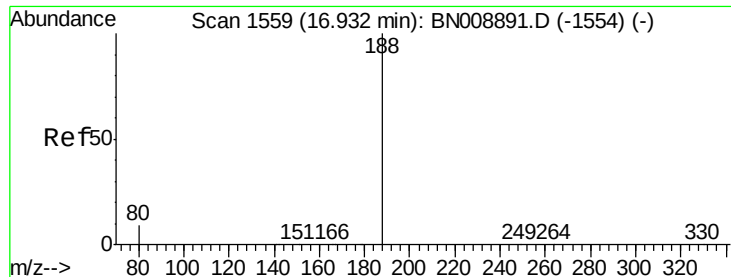
Abundance

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# 1559

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

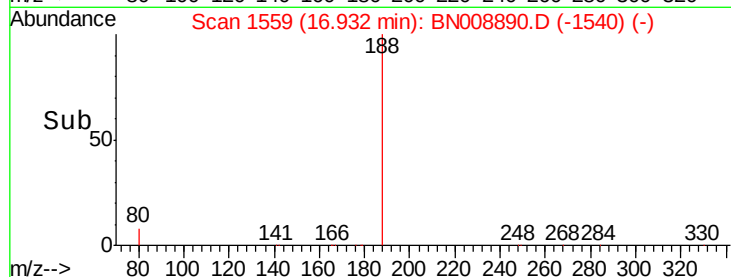
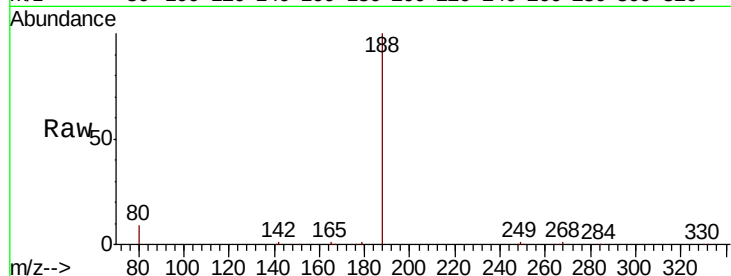
Tot Ion:188 Resp: 19796

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

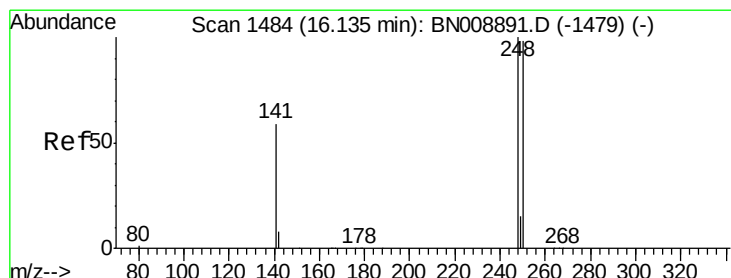
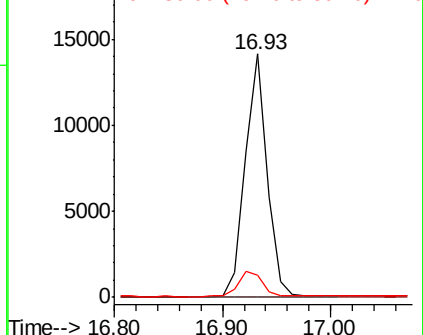
80 8.9 7.3 10.9



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: 0.189 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

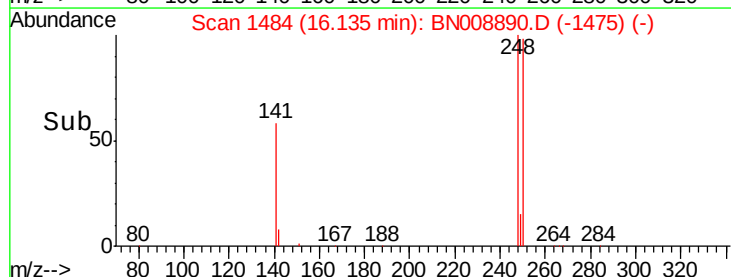
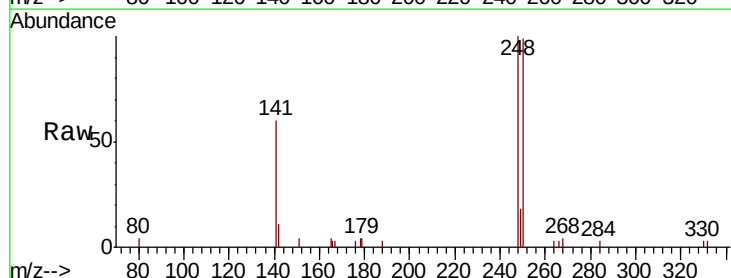
Tgt Ion:248 Resp: 2188

Ion Ratio Lower Upper

248 100

250 98.7 78.7 118.1

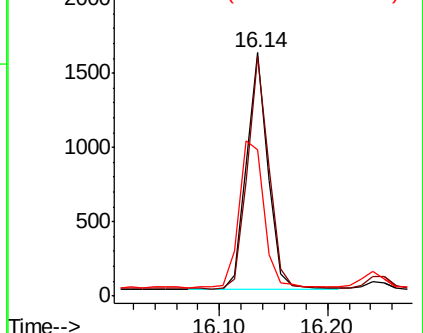
141 60.3 47.9 71.9

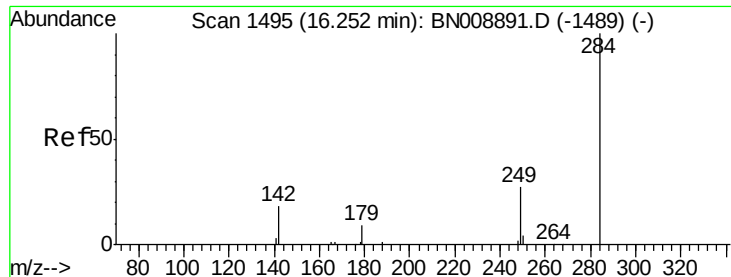


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.194 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

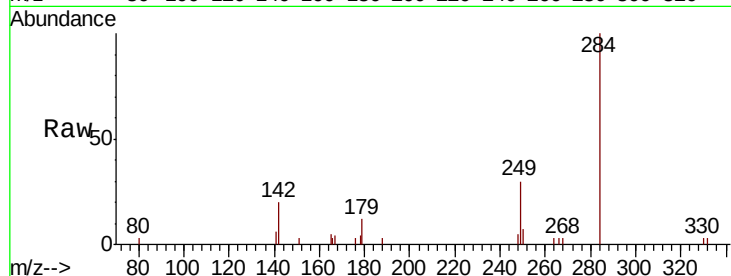
Tot Ion:284 Resp: 2592

Ion Ratio Lower Upper

284 100

142 33.7 27.8 41.6

249 31.2 25.3 37.9

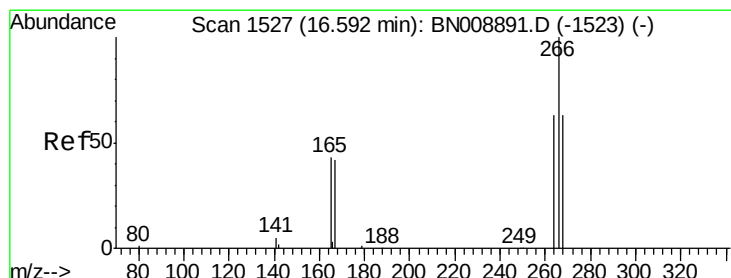
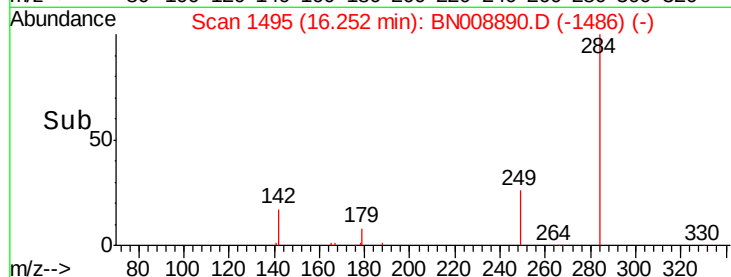
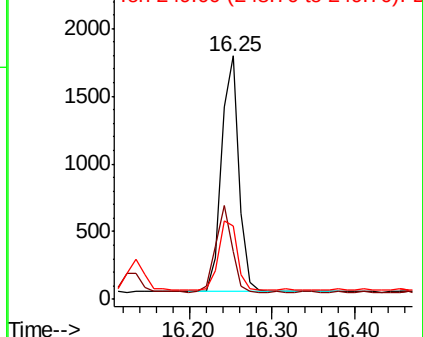


Abundance

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: 0.135 ng

RT: 16.60 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

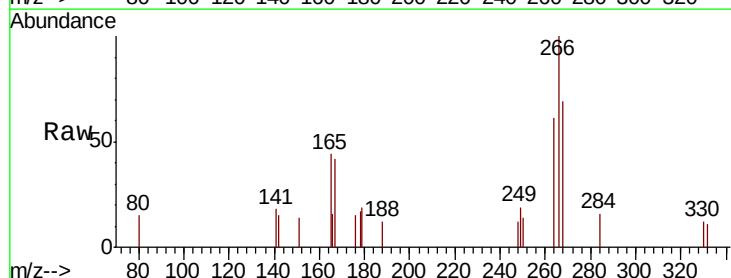
Tgt Ion:266 Resp: 721

Ion Ratio Lower Upper

266 100

264 61.2 51.5 77.3

268 68.9 53.1 79.7

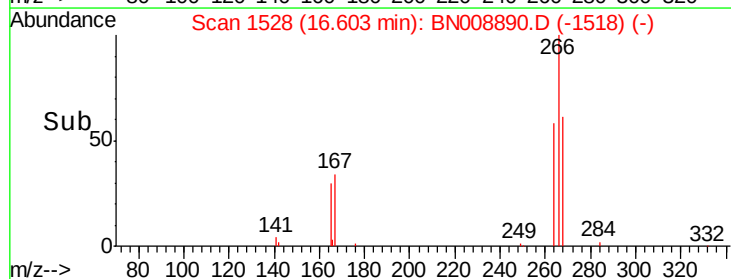
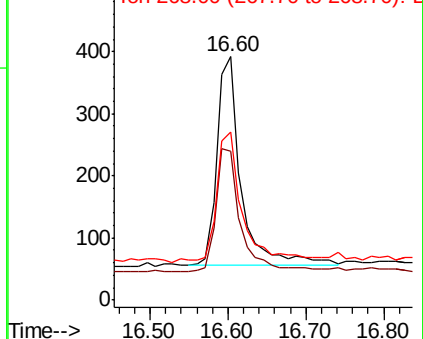


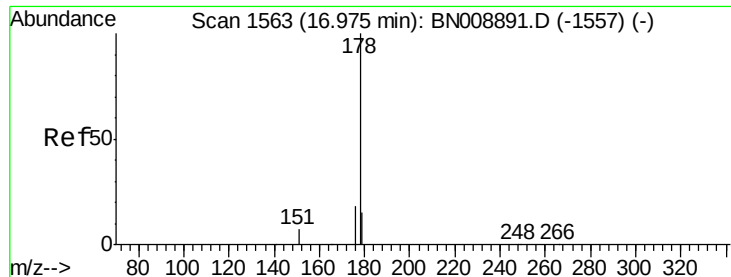
Abundance

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: 0.191 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

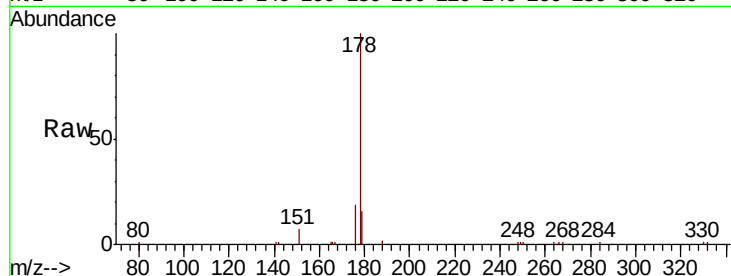
Tot Ion:178 Resp: 11546

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

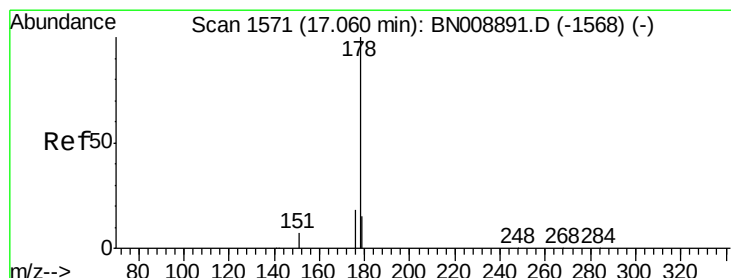
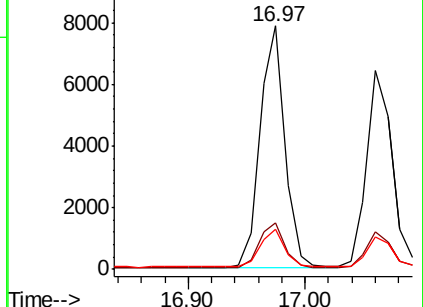
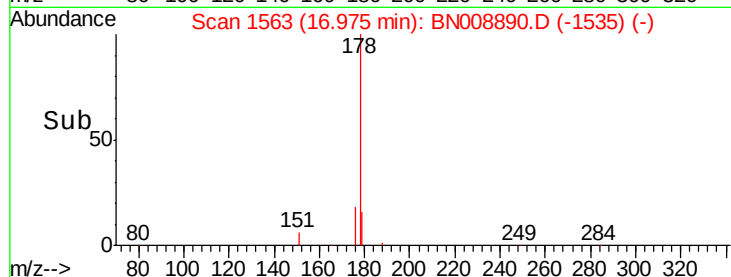
179 15.7 12.3 18.5



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



#24

Anthracene

Concen: 0.178 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

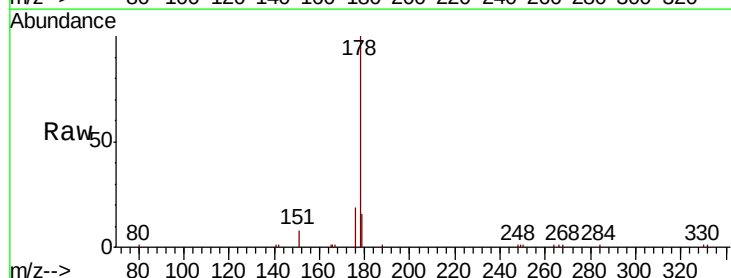
Tgt Ion:178 Resp: 9862

Ion Ratio Lower Upper

178 100

176 17.4 14.4 21.6

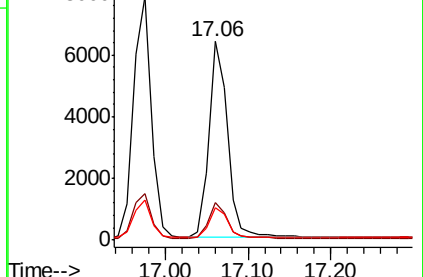
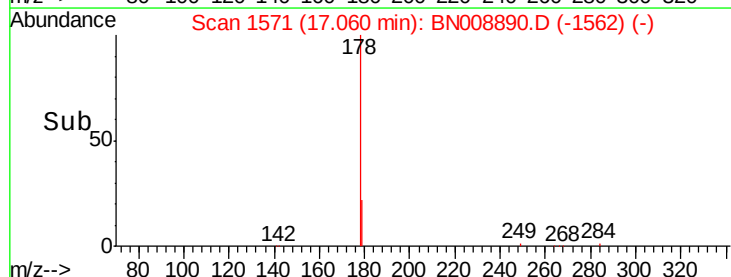
179 15.4 12.1 18.1

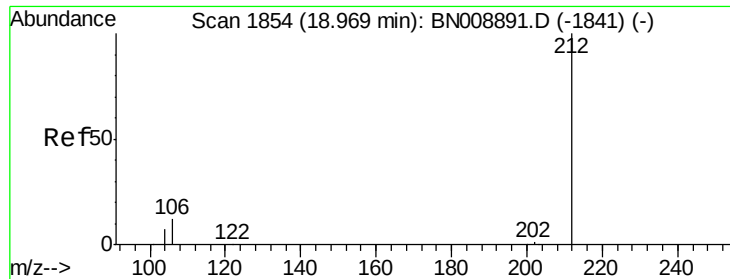


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.183 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

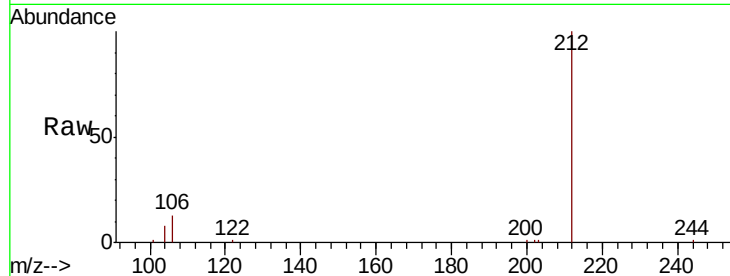
Tot Ion:212 Resp: 10967

Ion Ratio Lower Upper

212 100

106 13.2 10.4 15.6

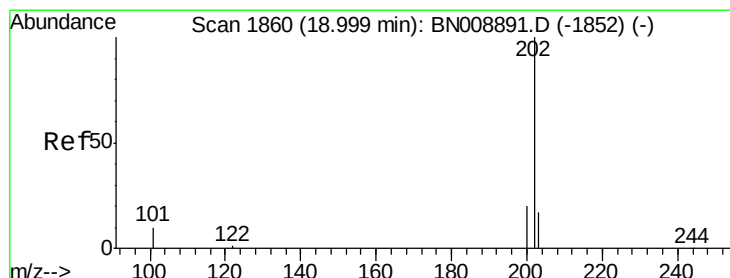
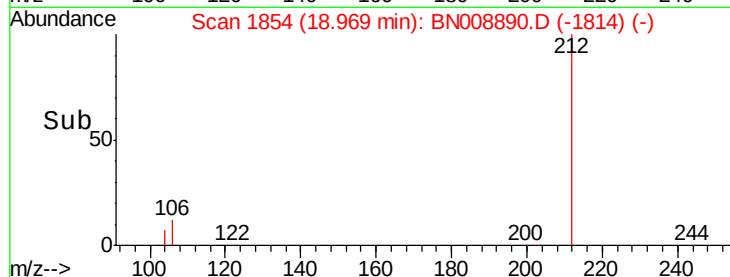
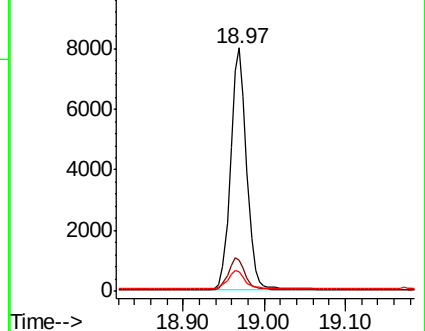
104 7.8 5.9 8.9



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: 0.184 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

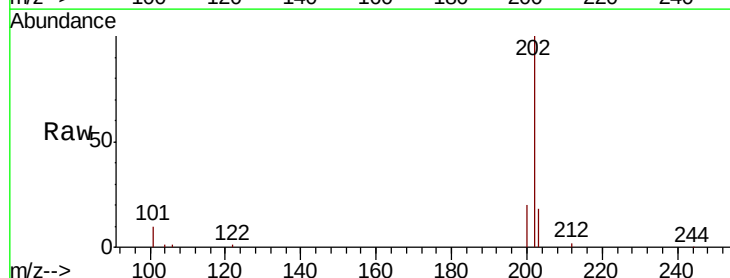
Tgt Ion:202 Resp: 13408

Ion Ratio Lower Upper

202 100

101 11.2 8.8 13.2

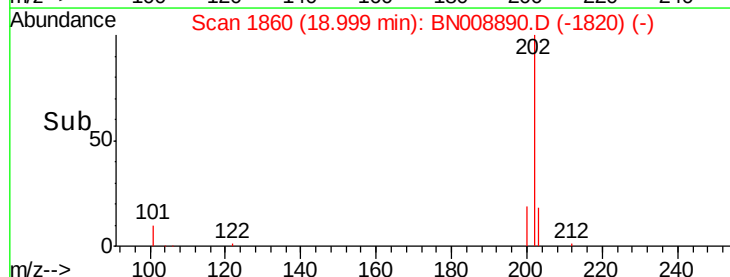
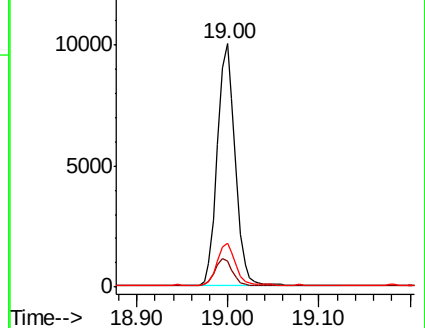
203 17.3 13.8 20.6

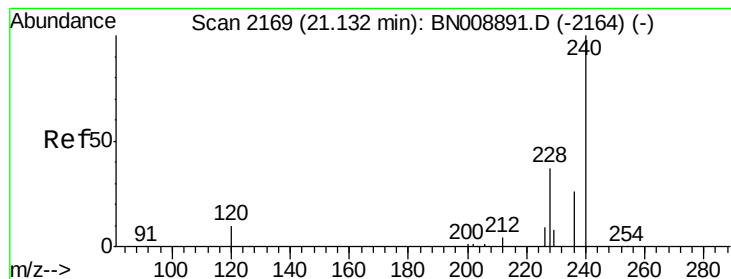


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

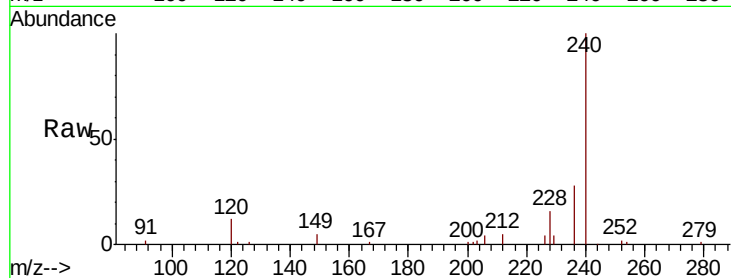
Tot Ion:240 Resp: 20828

Ion Ratio Lower Upper

240 100

120 11.7 9.1 13.7

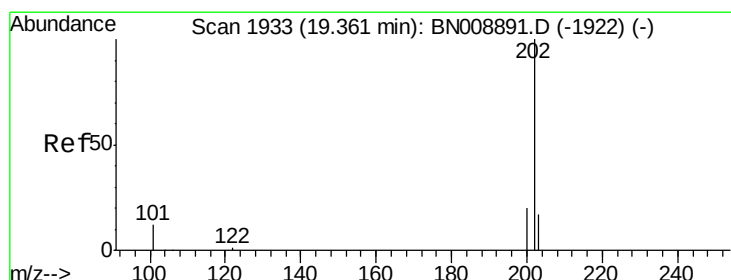
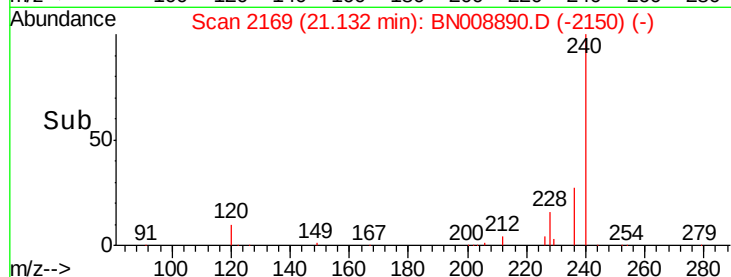
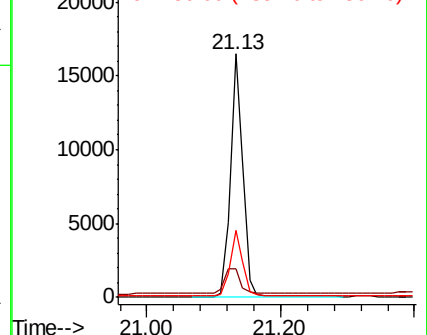
236 27.6 21.5 32.3



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: 0.189 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

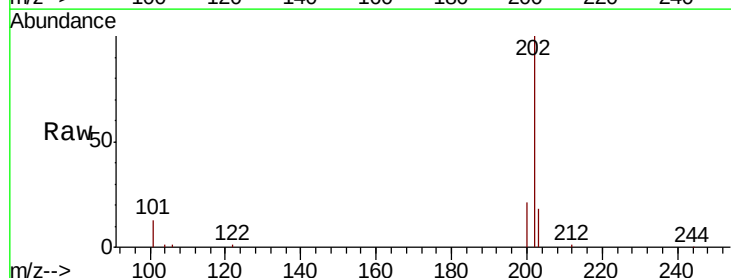
Tgt Ion:202 Resp: 13765

Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

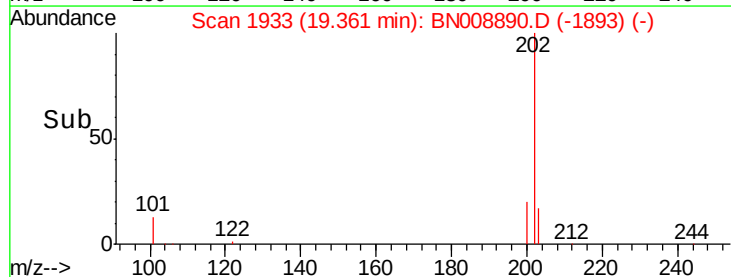
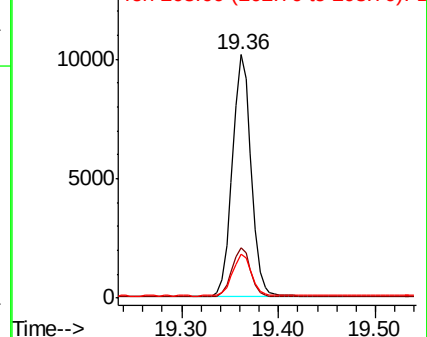
203 17.6 13.9 20.9

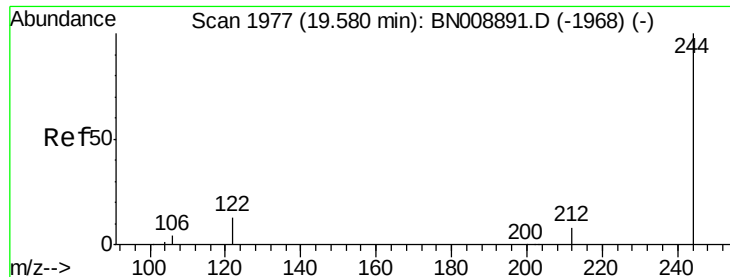


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.190 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

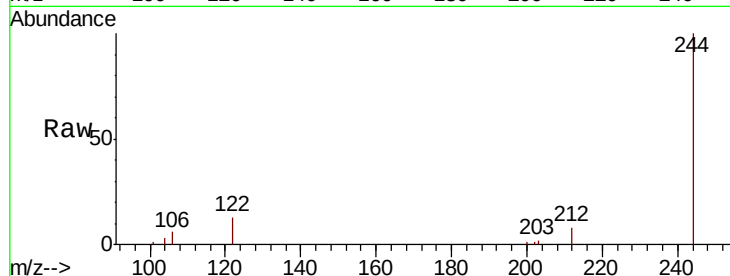
Tot Ion:244 Resp: 9130

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

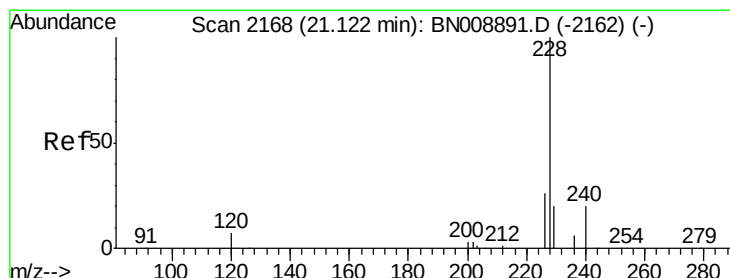
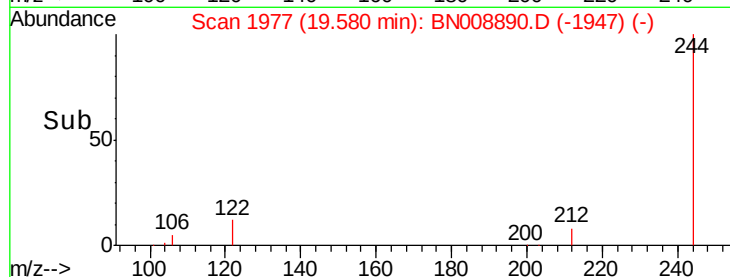
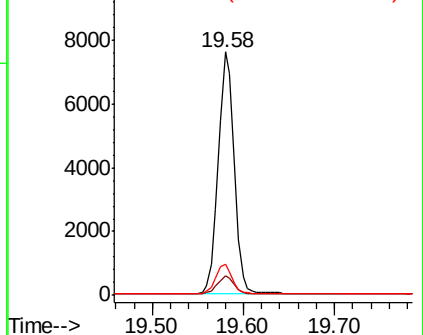
122 12.9 10.4 15.6



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: 0.180 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

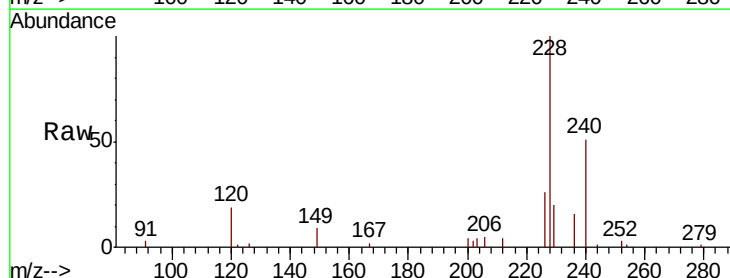
Tgt Ion:228 Resp: 13517

Ion Ratio Lower Upper

228 100

226 26.2 20.6 30.8

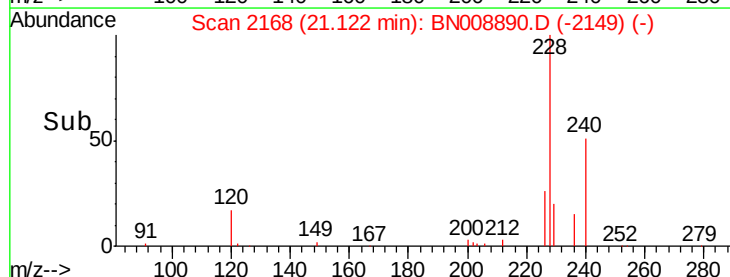
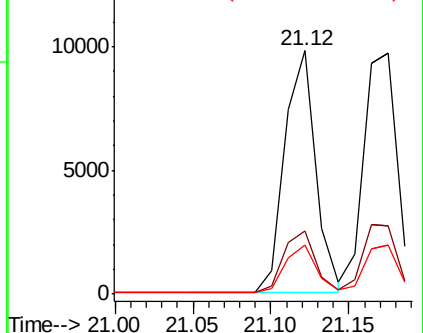
229 20.3 15.9 23.9

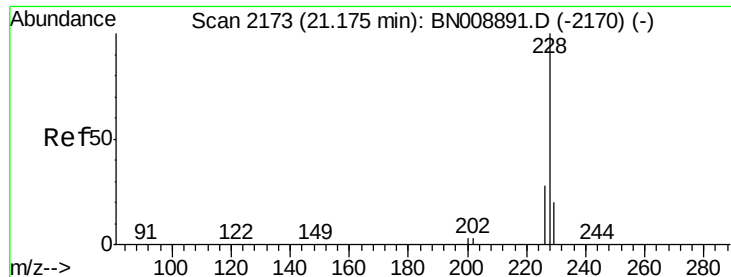


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.198 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

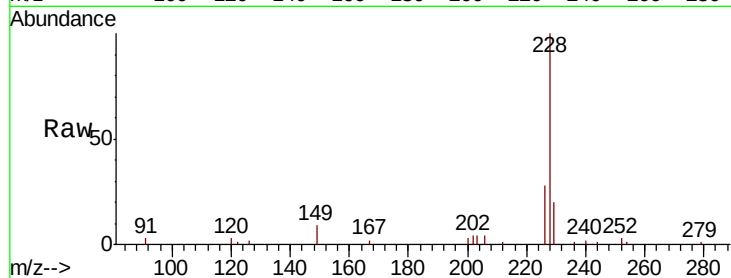
Tot Ion:228 Resp: 14480

Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.4

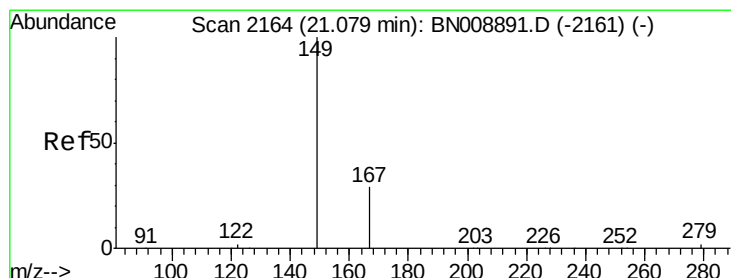
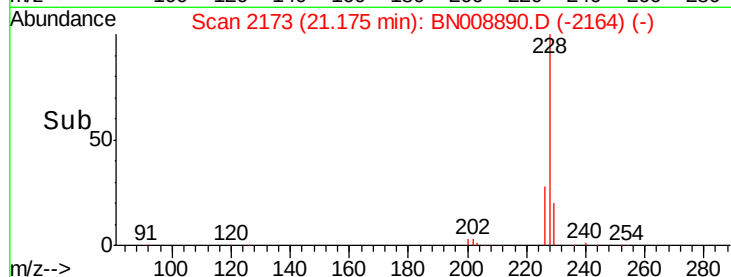
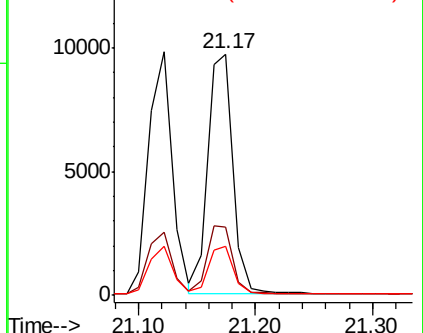
229 20.3 15.9 23.9



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: 0.130 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

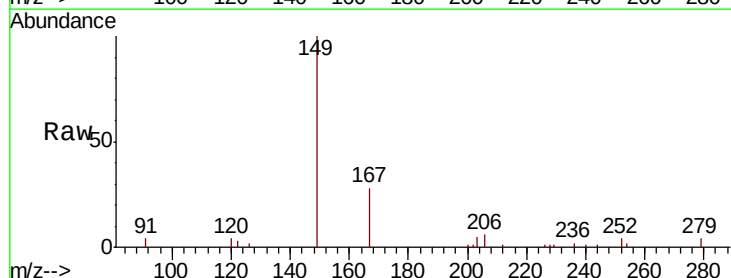
Tgt Ion:149 Resp: 6540

Ion Ratio Lower Upper

149 100

167 27.9 22.7 34.1

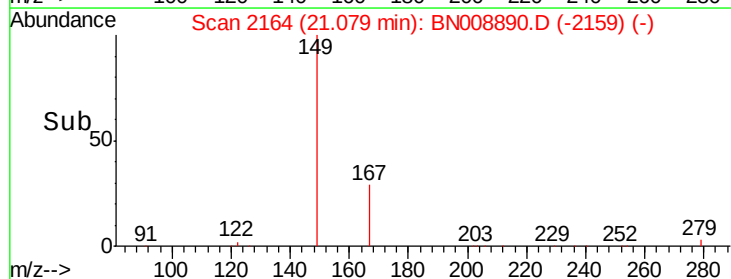
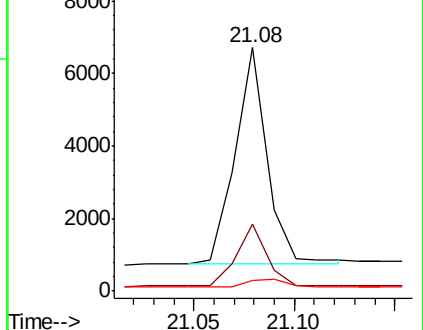
279 4.2 3.3 4.9

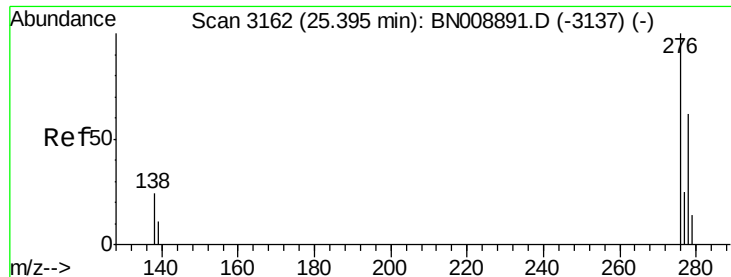


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

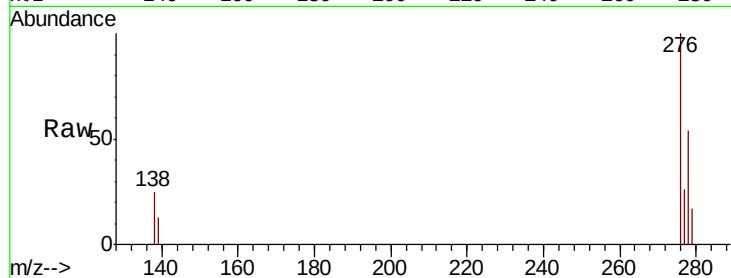




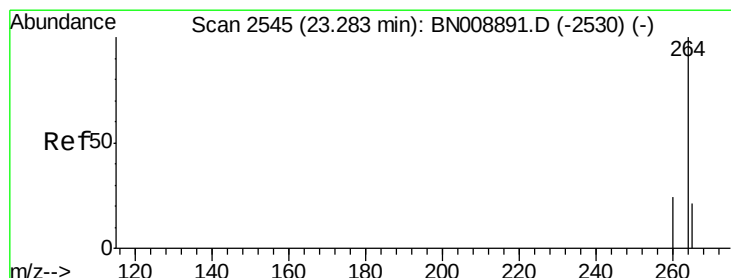
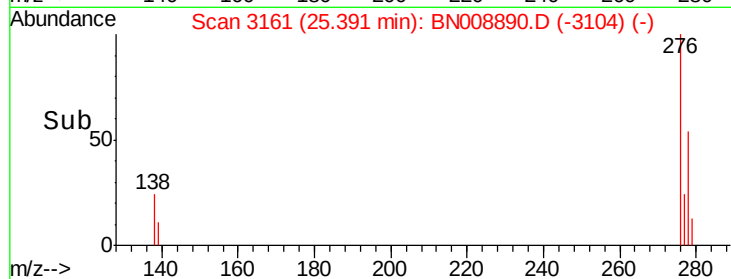
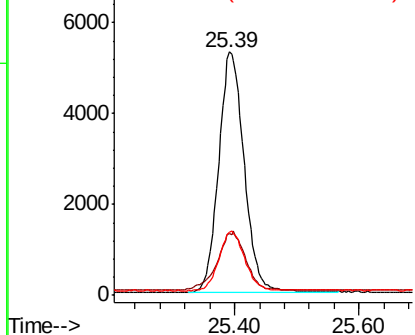
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.167 ng
 RT: 25.39 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BN008890.D
 Acq: 09 Dec 2019 13:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tot Ion:276 Resp: 15039
 Ion Ratio Lower Upper
 276 100
 138 26.0 19.9 29.9
 277 24.8 19.8 29.8

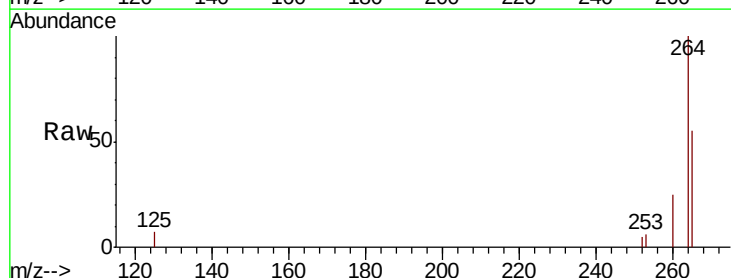


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

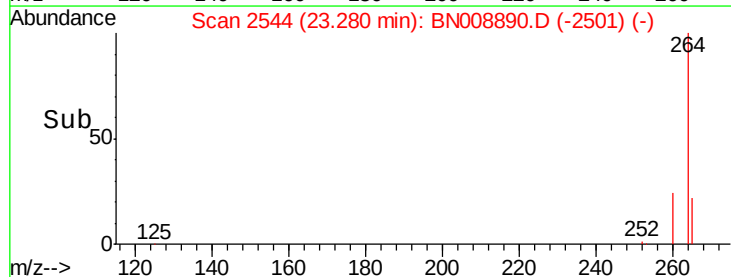
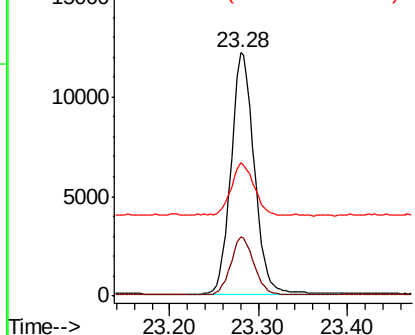


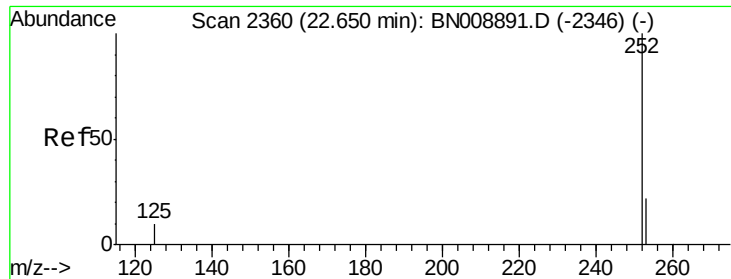
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BN008890.D
 Acq: 09 Dec 2019 13:19

Tgt Ion:264 Resp: 22095
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 54.8 47.5 71.3



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: 0.199 ng

RT: 22.65 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

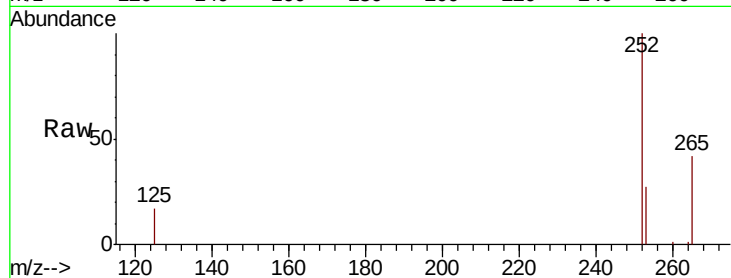
Tot Ion:252 Resp: 14610

Ion Ratio Lower Upper

252 100

253 27.0 19.8 29.6

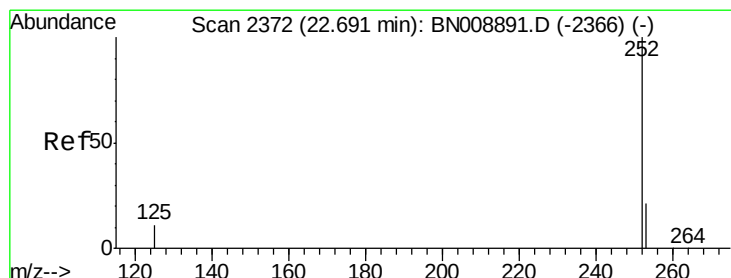
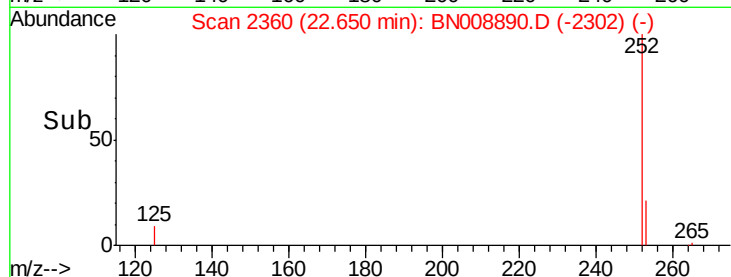
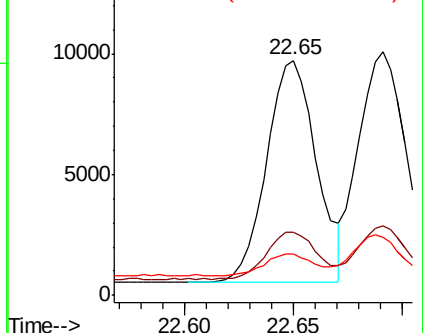
125 17.5 10.8 16.2#



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: 0.207 ng

RT: 22.69 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

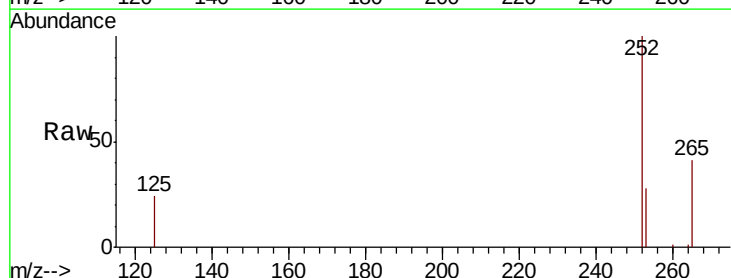
Tgt Ion:252 Resp: 14906

Ion Ratio Lower Upper

252 100

253 28.3 19.2 28.8

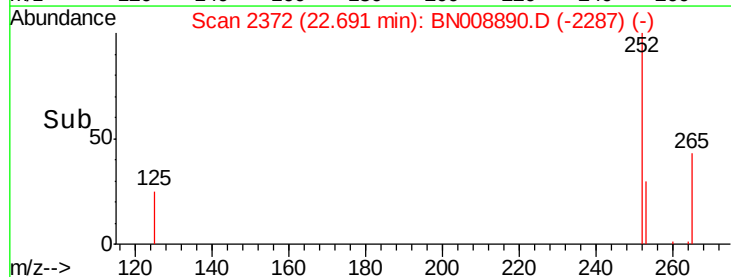
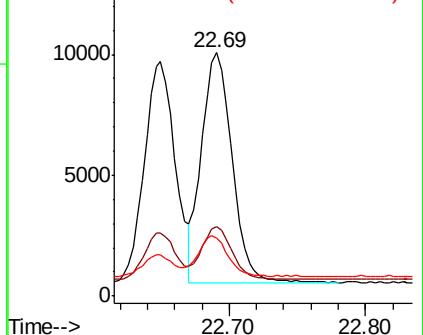
125 23.6 11.6 17.4#

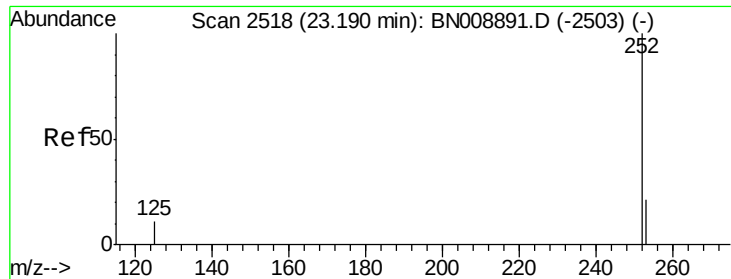


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.188 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

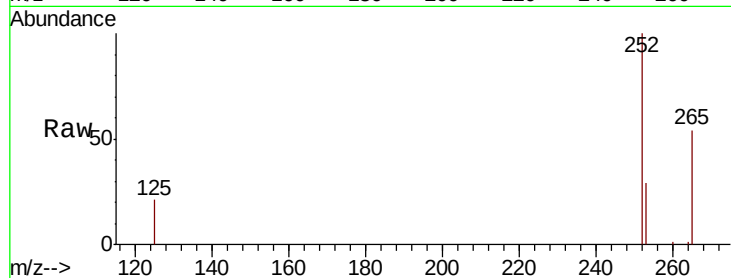
Tot Ion:252 Resp: 13003

Ion Ratio Lower Upper

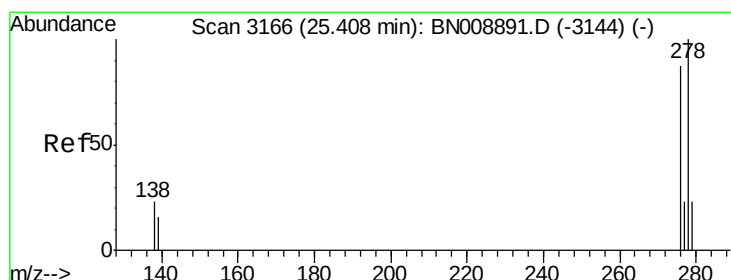
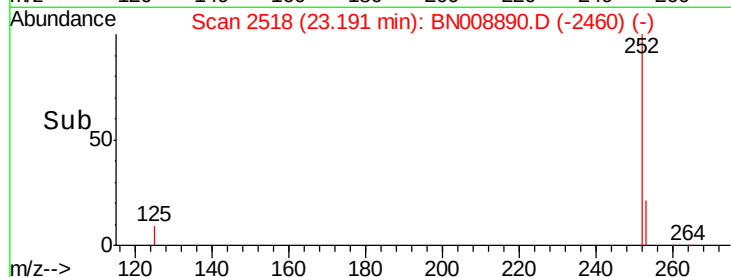
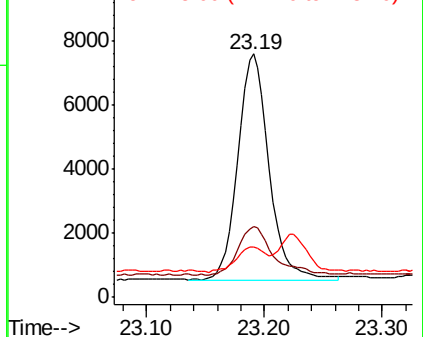
252 100

253 29.0 19.9 29.9

125 20.6 12.3 18.5#



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: 0.172 ng

RT: 25.41 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

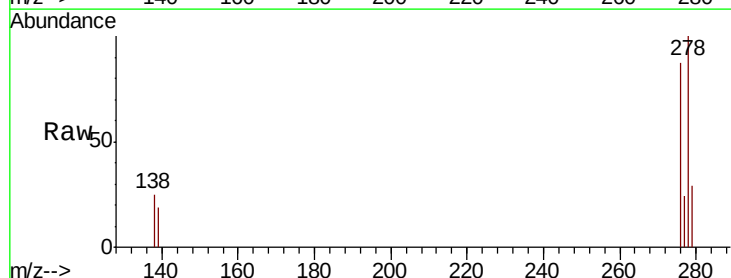
Tgt Ion:278 Resp: 12136

Ion Ratio Lower Upper

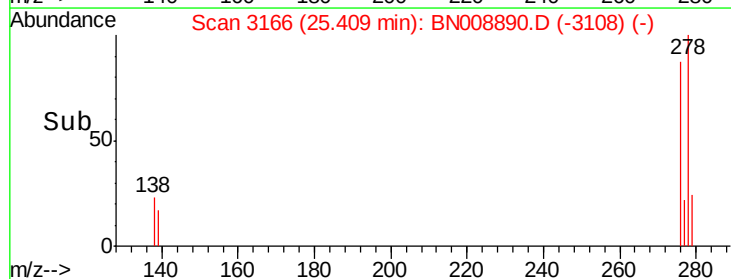
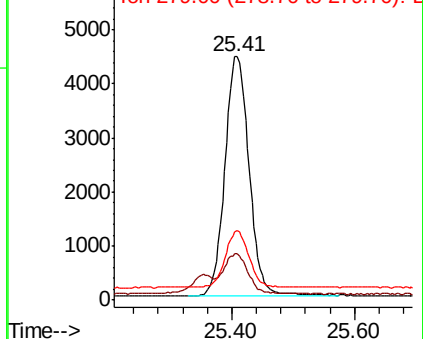
278 100

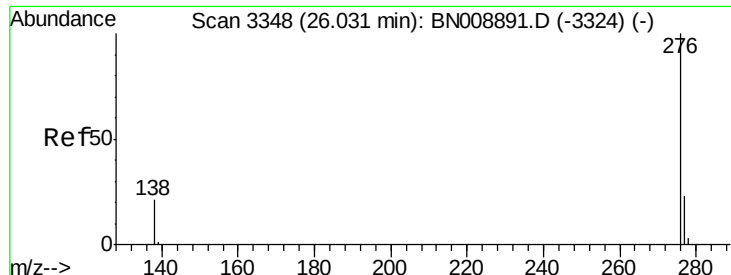
139 19.2 13.9 20.9

279 28.8 20.2 30.4



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: 0.166 ng

RT: 26.03 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BN008890.D

Acq: 09 Dec 2019 13:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

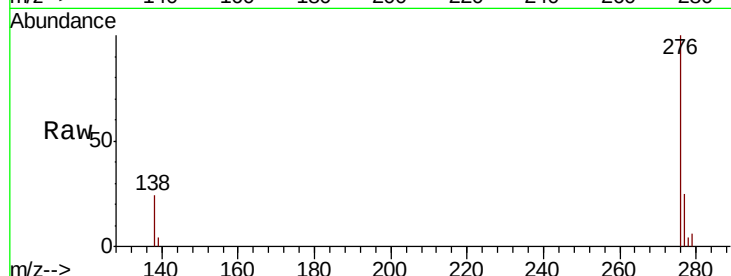
Tot Ion:276 Resp: 11867

Ion Ratio Lower Upper

276 100

277 25.5 19.4 29.2

138 24.0 17.8 26.6



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

