

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
 Data File : BN008889.D
 Acq On : 09 Dec 2019 12:44
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Dec 09 16:56:41 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	7.56	152	3624	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	15069	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	10876	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	24607	0.40	ng	0.00
27) Chrysene-d12	21.13	240	25213	0.40	ng	0.00
34) Perylene-d12	23.29	264	27578	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	926	0.09	ng	0.00
5) Phenol-d6	6.75	99	1214	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	1245	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	2519	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	475	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	4093	0.10	ng	0.00
25) Fluoranthene-d10	18.97	212	6938	0.09	ng	0.00
29) Terphenyl-d14	19.58	244	5755	0.10	ng	0.00

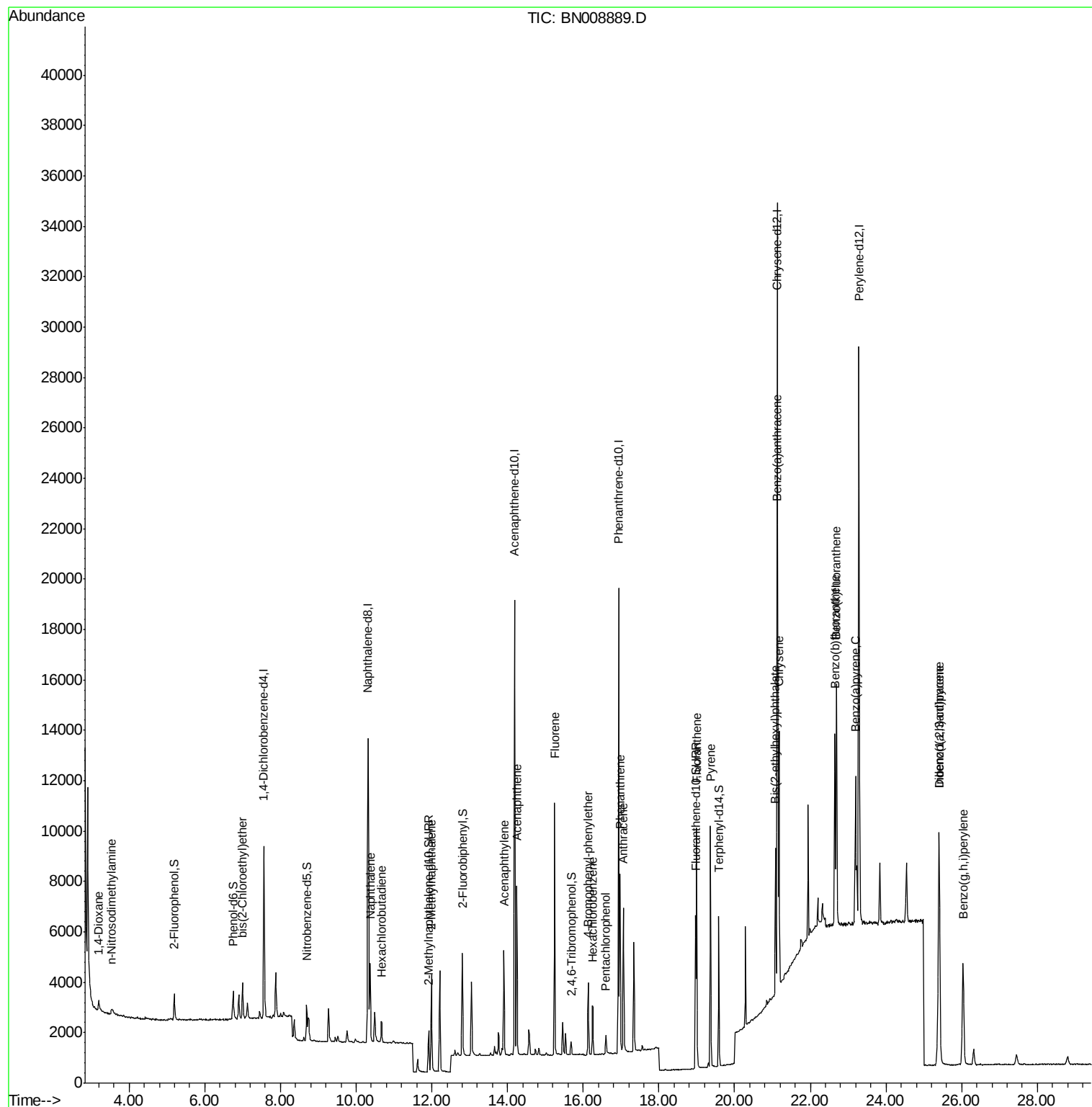
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	256	0.074	ng	90
3) n-Nitrosodimethylamine	3.55	42	333	0.069	ng	# 99
6) bis(2-Chloroethyl)ether	7.00	93	1156	0.096	ng	99
9) Naphthalene	10.37	128	4026	0.100	ng	96
10) Hexachlorobutadiene	10.67	225	800	0.101	ng	# 96
12) 2-Methylnaphthalene	11.99	142	2995	0.101	ng	99
16) Acenaphthylene	13.90	152	4557	0.090	ng	99
17) Acenaphthene	14.25	154	3218	0.100	ng	98
18) Fluorene	15.24	166	4293	0.101	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	1404	0.097	ng	95
21) Hexachlorobenzene	16.25	284	1669	0.100	ng	98
22) Pentachlorophenol	16.59	266	494	0.074	ng	97
23) Phenanthrene	16.97	178	7498	0.100	ng	99
24) Anthracene	17.06	178	6210	0.090	ng	99
26) Fluoranthene	19.00	202	8475	0.094	ng	100
28) Pyrene	19.36	202	8746	0.099	ng	99
30) Benzo(a)anthracene	21.12	228	8474	0.093	ng	99
31) Chrysene	21.17	228	9054	0.102	ng	98
32) Bis(2-ethylhexyl)phthalate	21.08	149	4902	0.081	ng	99
33) Indeno(1,2,3-cd)pyrene	25.39	276	10121	0.093	ng	95
35) Benzo(b)fluoranthene	22.65	252	9087	0.099	ng	# 84
36) Benzo(k)fluoranthene	22.69	252	9830	0.109	ng	# 73
37) Benzo(a)pyrene	23.19	252	8448	0.098	ng	# 79
38) Dibenzo(a,h)anthracene	25.41	278	8173	0.093	ng	# 92
39) Benzo(g,h,i)perylene	26.03	276	8151	0.091	ng	94

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

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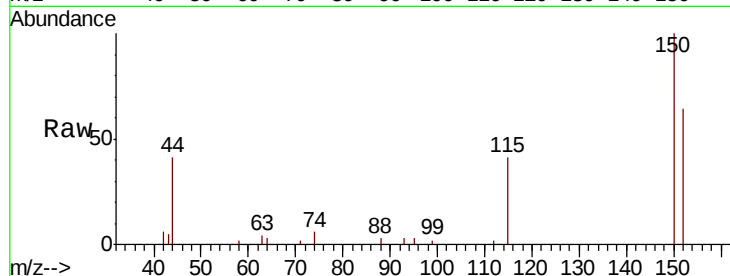


#1

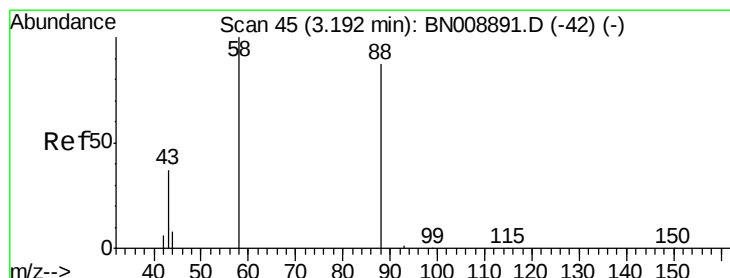
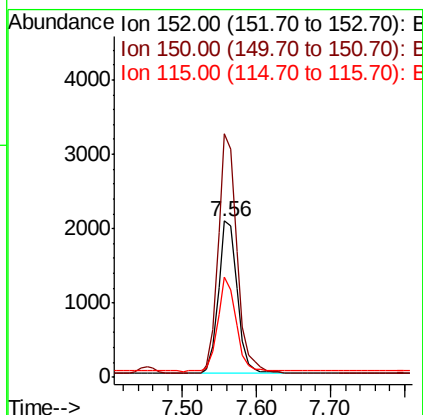
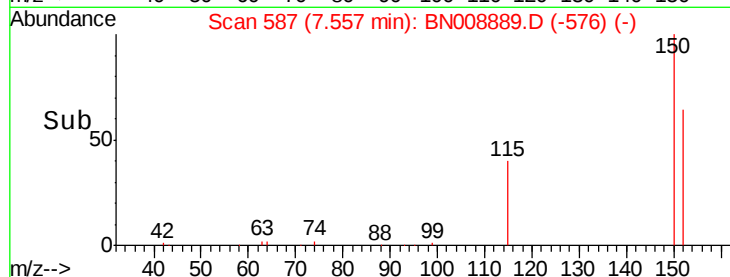
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.01 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 3624
Ion Ratio Lower Upper
152 100
150 155.8 122.3 183.5
115 64.5 48.4 72.6



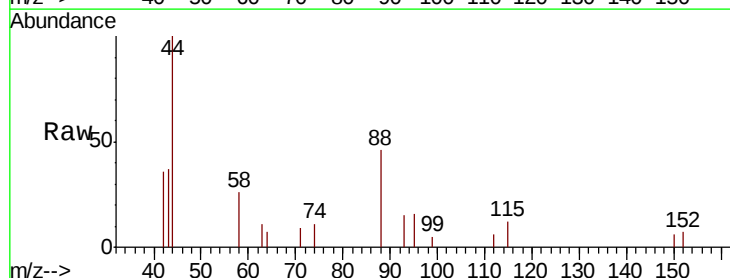
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



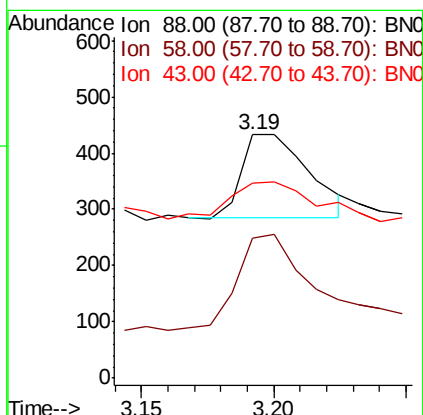
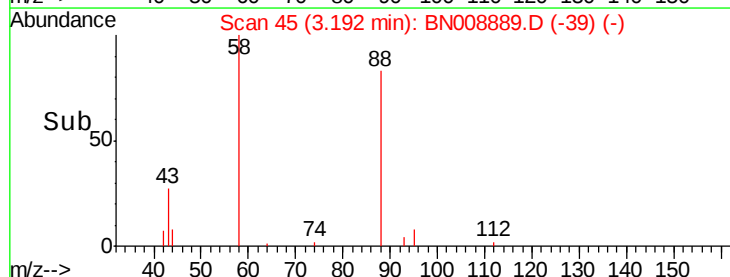
#2

1,4-Dioxane
Concen: 0.074 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Tgt Ion: 88 Resp: 256
Ion Ratio Lower Upper
88 100
58 120.7 88.6 132.8
43 47.3 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



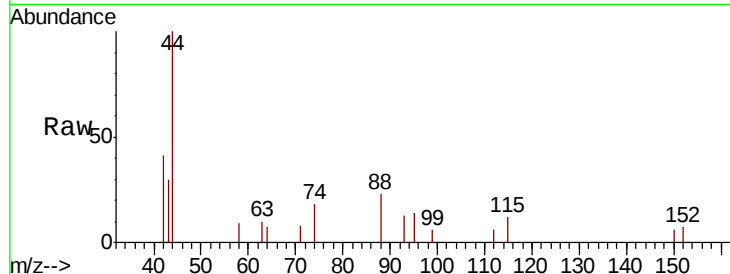


#3

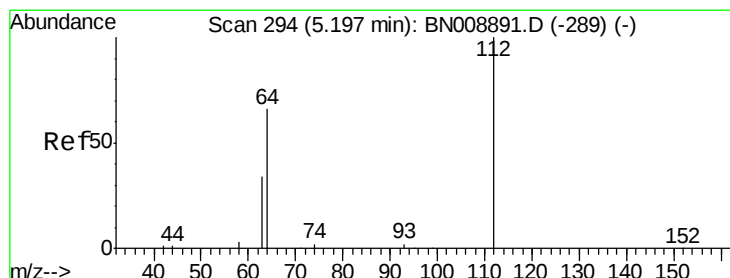
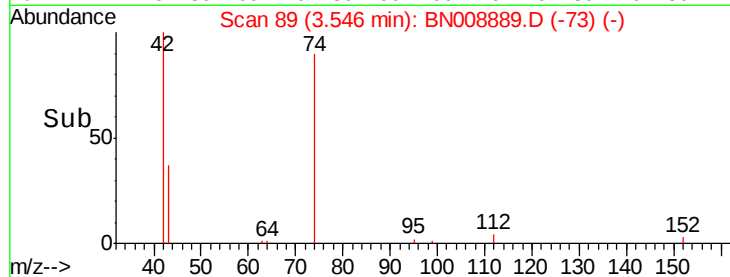
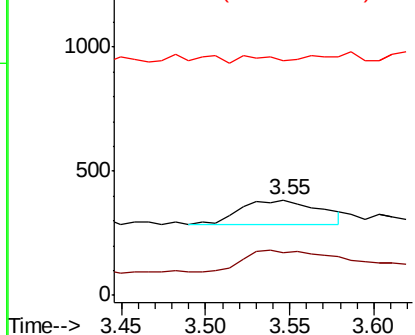
n-Nitrosodimethylamine
 Concen: 0.069 ng
 RT: 3.55 min Scan# 89
 Delta R.T. 0.03 min
 Lab File: BN008889.D
 Acq: 09 Dec 2019 12:44

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion: 42 Resp: 333
 Ion Ratio Lower Upper
 42 100
 74 99.4 78.6 117.8
 44 0.0 0.0 0.0



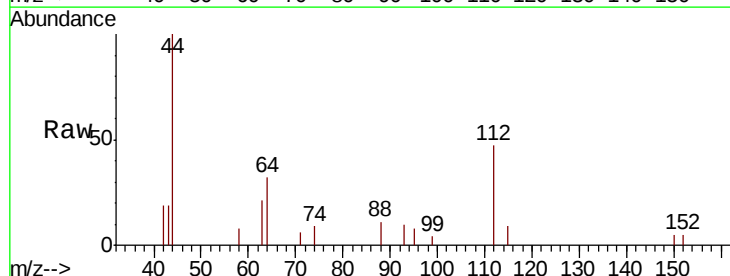
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



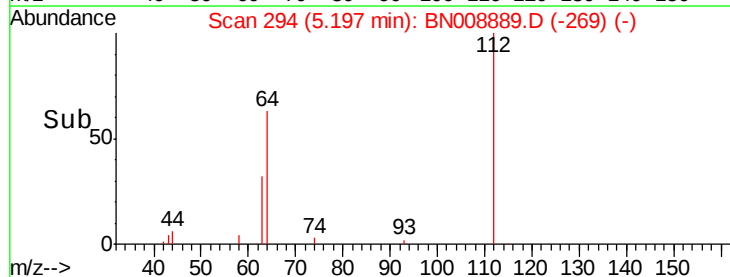
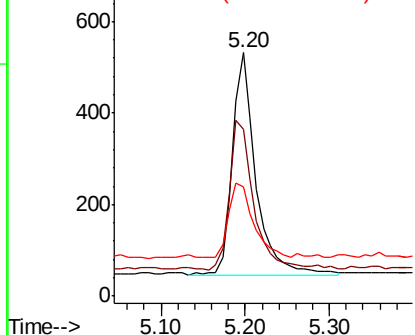
#4

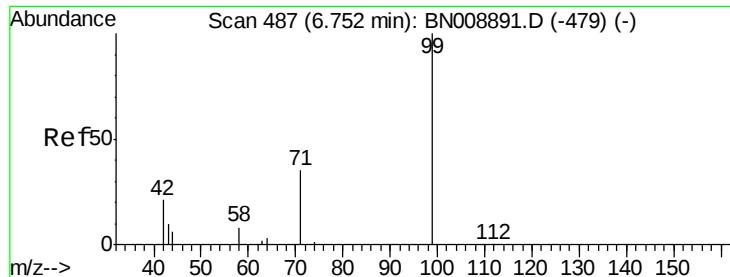
2-Fluorophenol
 Concen: 0.094 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008889.D
 Acq: 09 Dec 2019 12:44

Tgt Ion: 112 Resp: 926
 Ion Ratio Lower Upper
 112 100
 64 69.8 57.7 86.5
 63 35.7 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.091 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

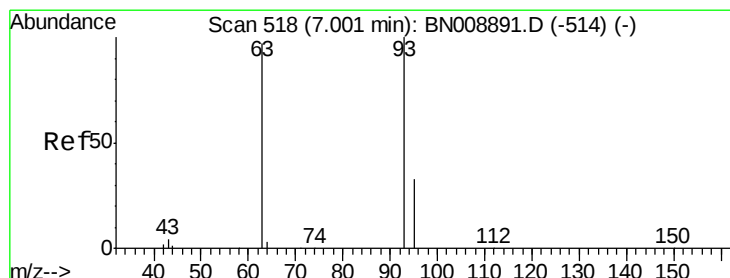
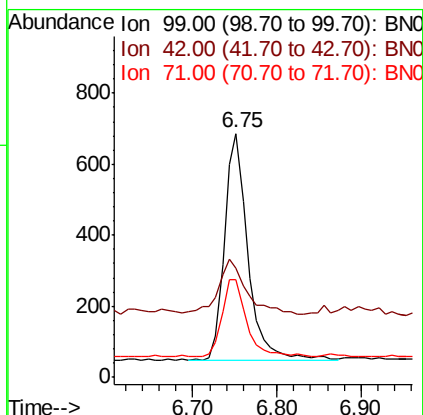
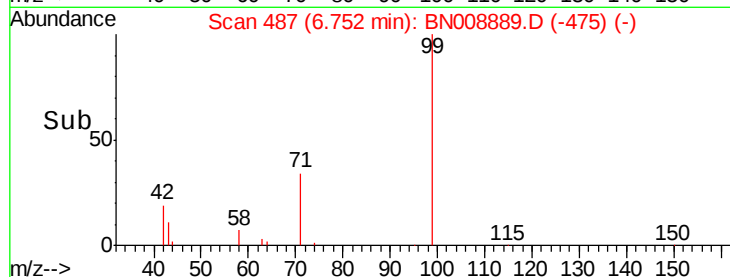
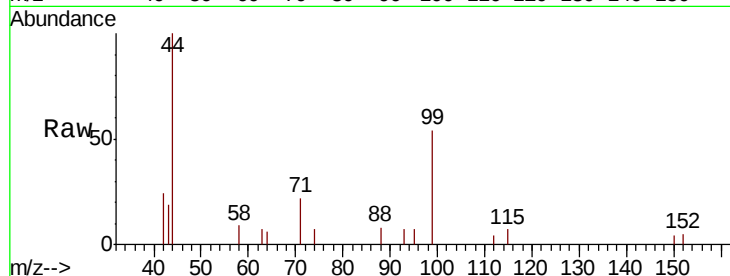
Tot Ion: 99 Resp: 1214

Ion Ratio Lower Upper

99 100

42 28.4 20.1 30.1

71 36.2 28.2 42.2



#6

bis(2-Chloroethyl)ether

Concen: 0.096 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

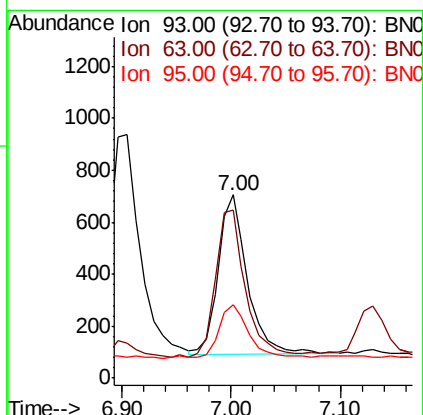
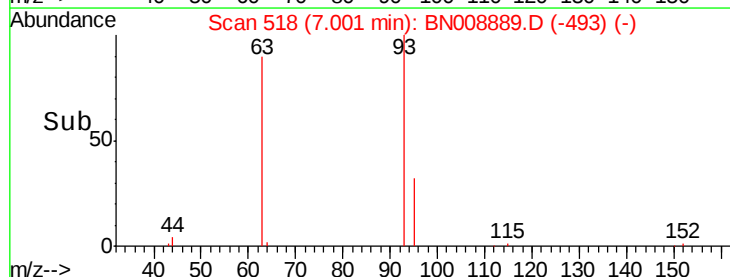
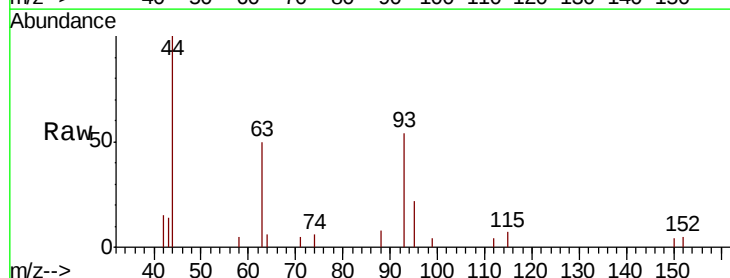
Tgt Ion: 93 Resp: 1156

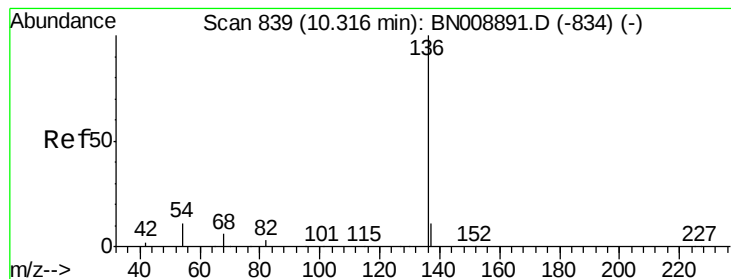
Ion Ratio Lower Upper

93 100

63 93.4 73.5 110.3

95 32.2 26.0 39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 15069

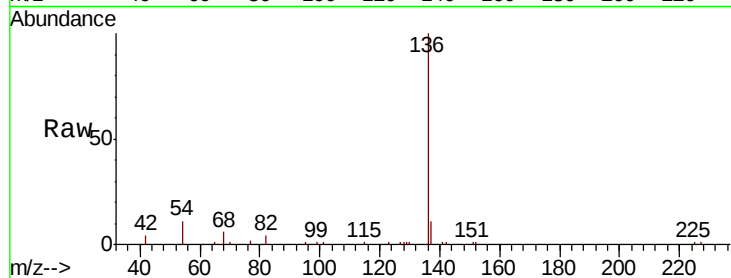
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 10.8 9.6 14.4

68 6.4 5.6 8.4

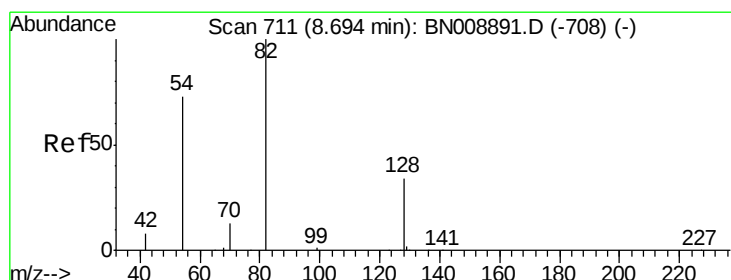
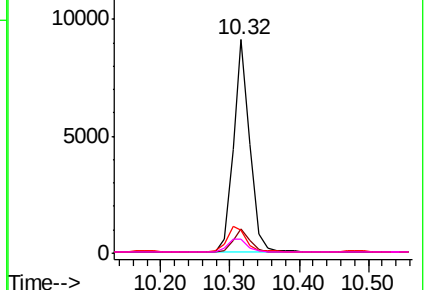
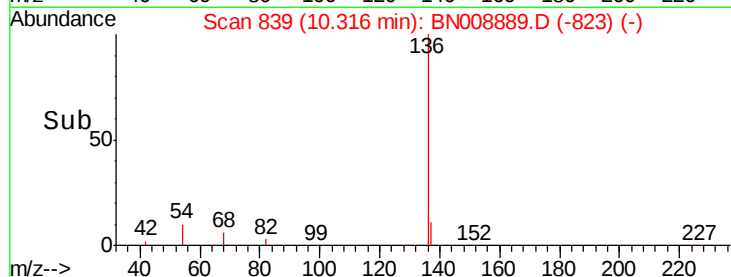


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.094 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

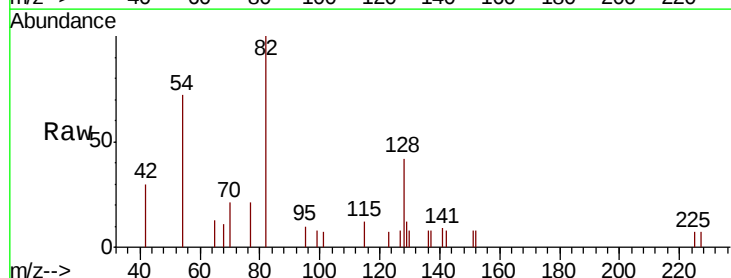
Tgt Ion: 82 Resp: 1245

Ion Ratio Lower Upper

82 100

128 41.5 29.1 43.7

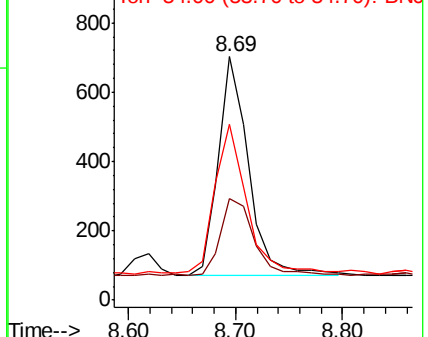
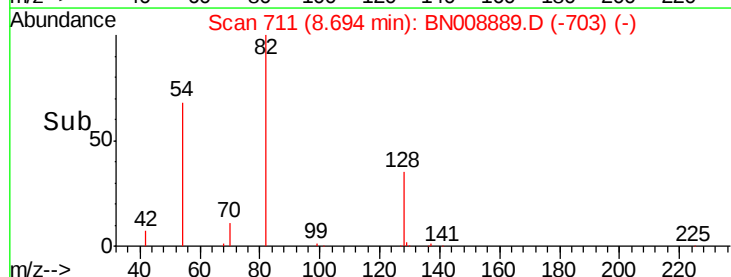
54 72.1 59.7 89.5

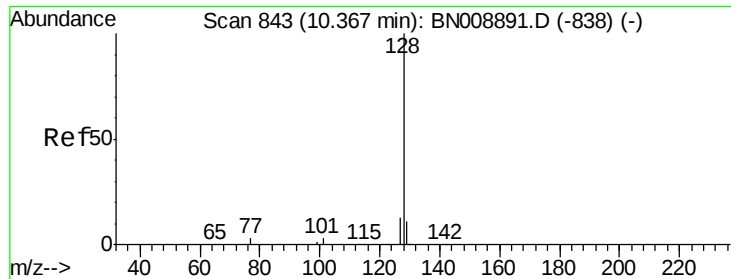


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.100 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

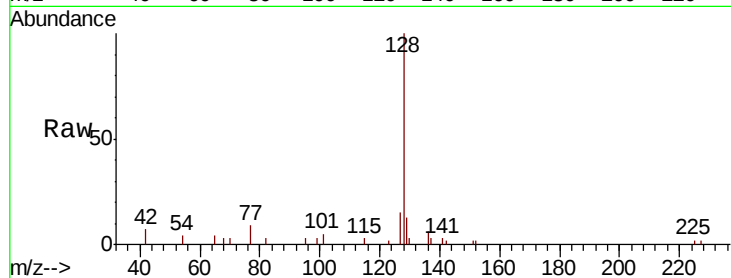
Tot Ion:128 Resp: 4026

Ion Ratio Lower Upper

128 100

129 13.4 9.4 14.0

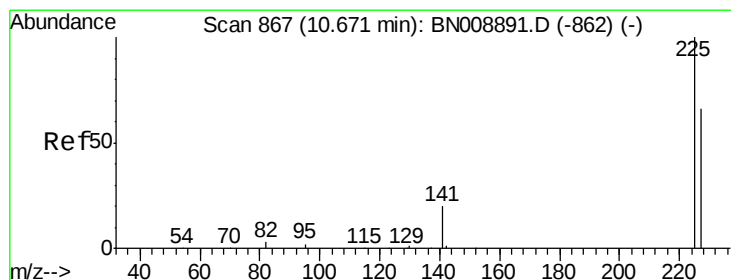
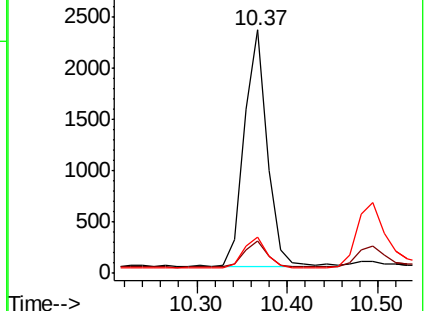
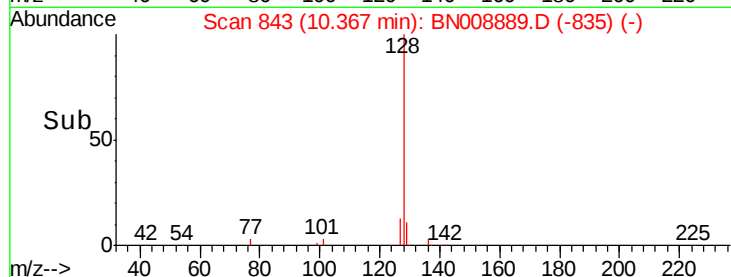
127 15.1 10.8 16.2



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: 0.101 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

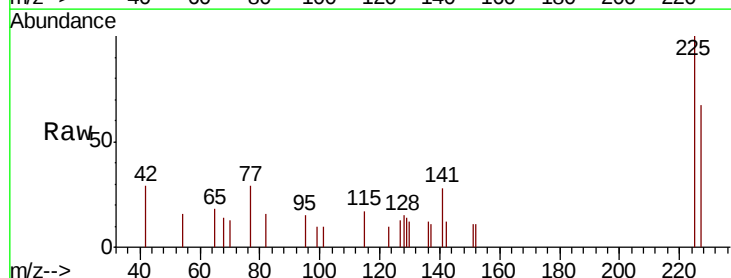
Tgt Ion:225 Resp: 800

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

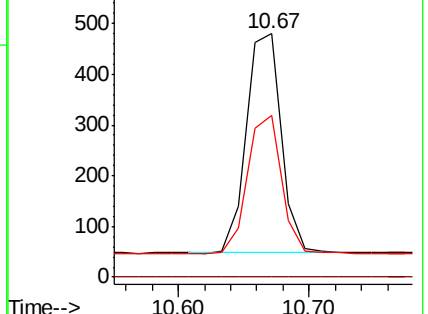
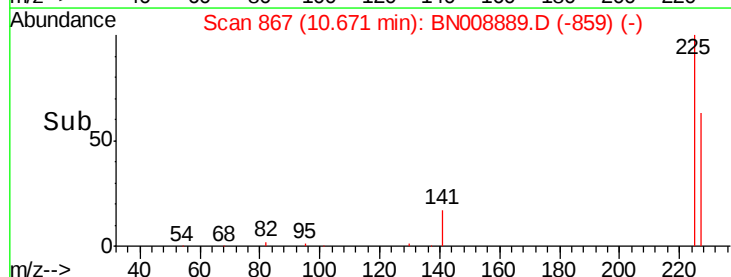
227 61.4 51.4 77.2

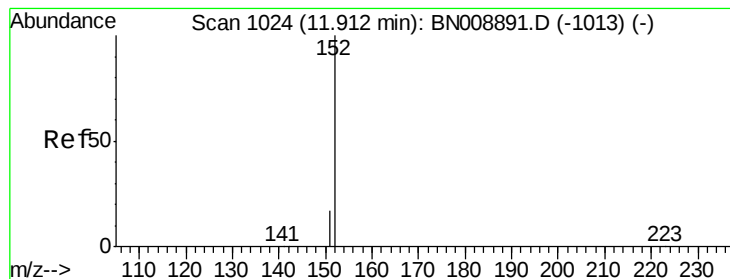


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.101 ng

RT: 11.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

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ClientSampleId :

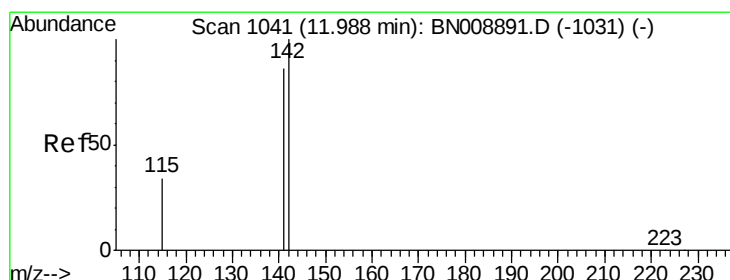
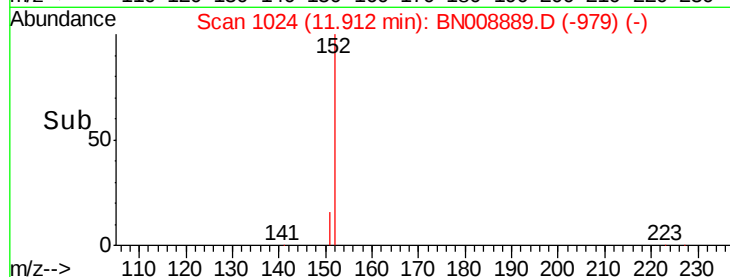
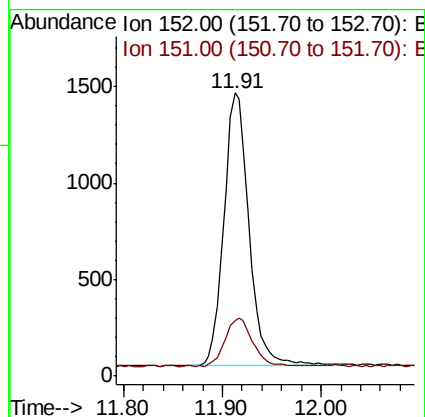
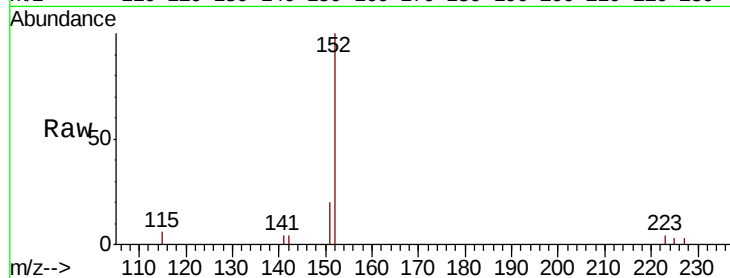
SSTDIC0.1

Tot Ion:152 Resp: 2519

Ion Ratio Lower Upper

152 100

151 19.2 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.101 ng

RT: 11.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

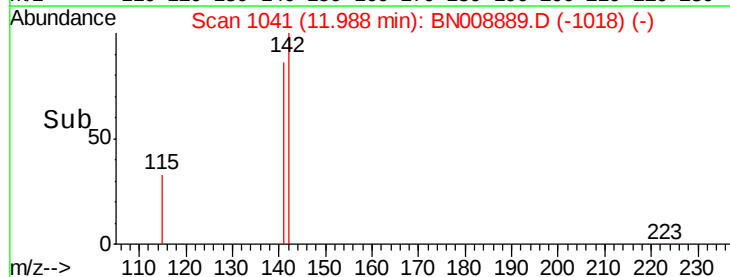
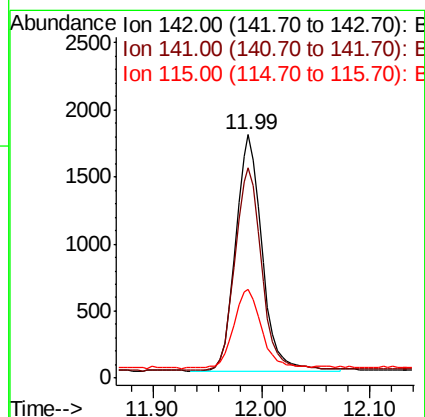
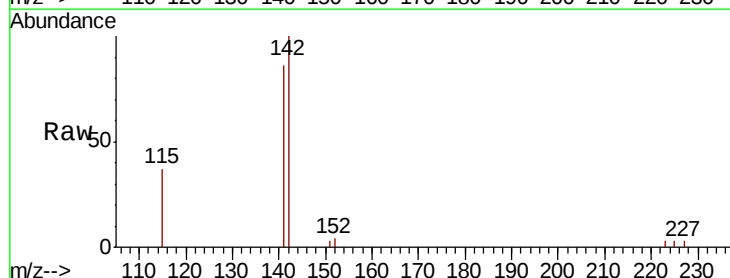
Tgt Ion:142 Resp: 2995

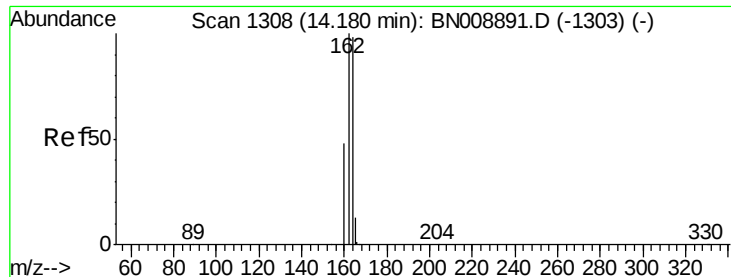
Ion Ratio Lower Upper

142 100

141 86.2 69.3 103.9

115 36.7 27.9 41.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

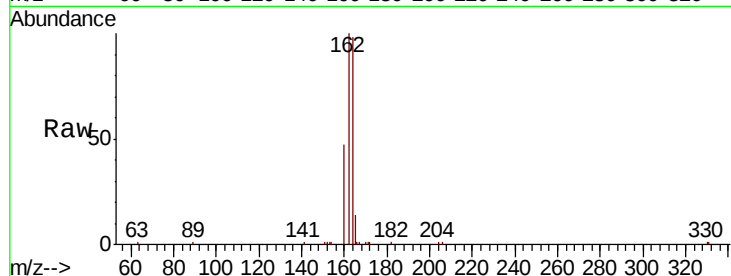
Tot Ion:164 Resp: 10876

Ion Ratio Lower Upper

164 100

162 102.3 81.9 122.9

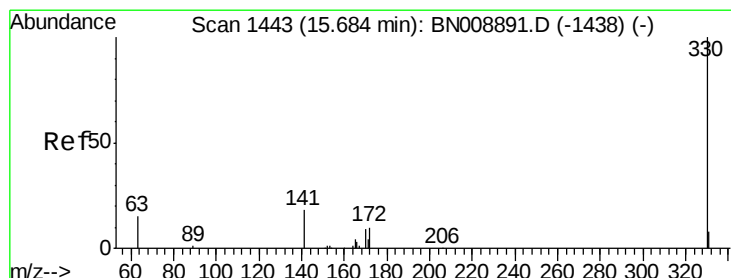
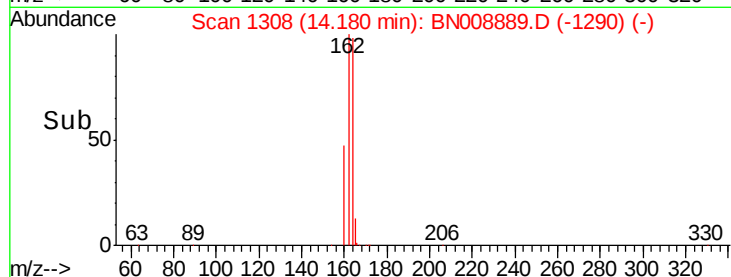
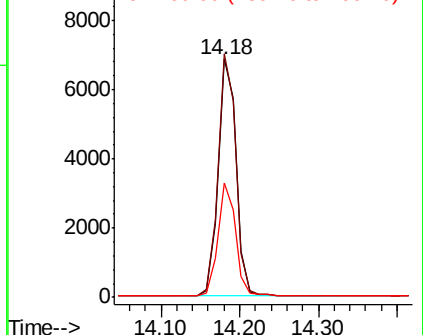
160 48.0 39.3 58.9



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: 0.080 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

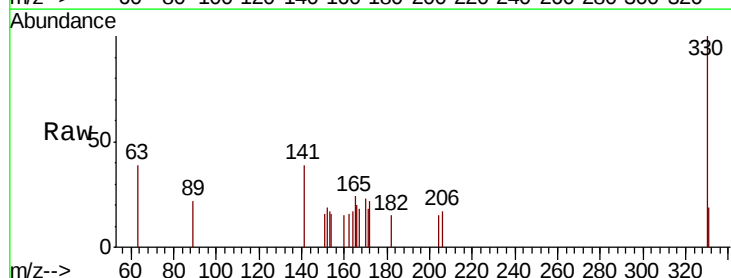
Tgt Ion:330 Resp: 475

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

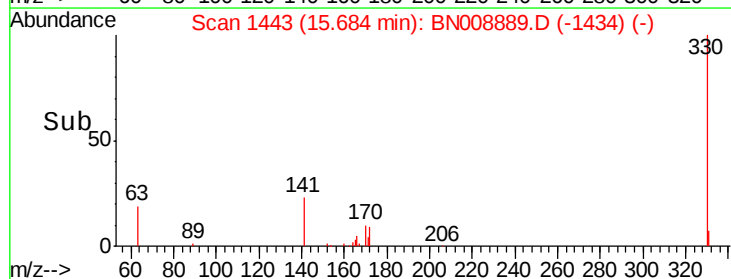
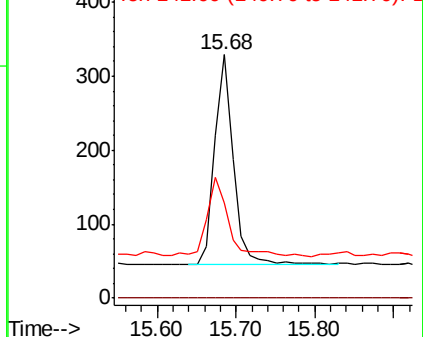
141 40.2 29.6 44.4



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

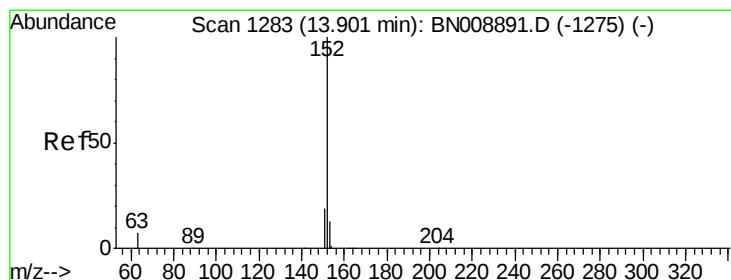
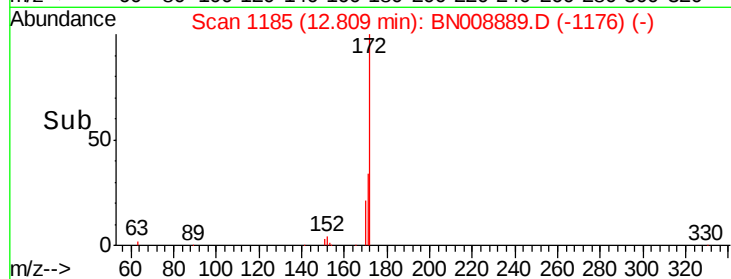
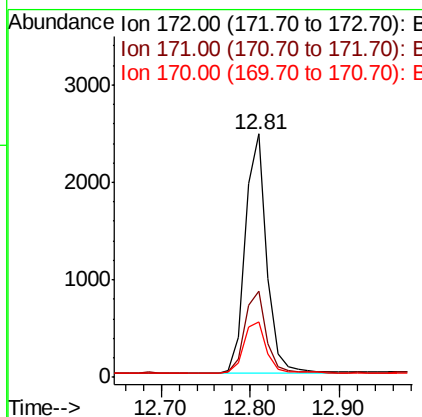
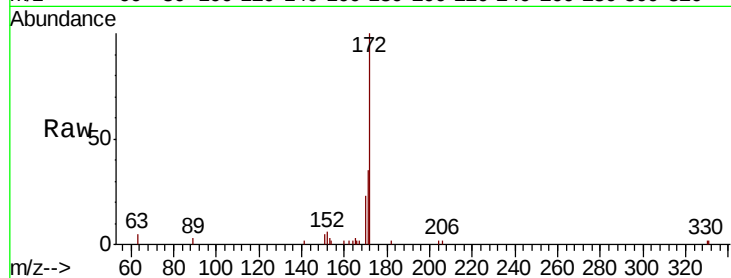




#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

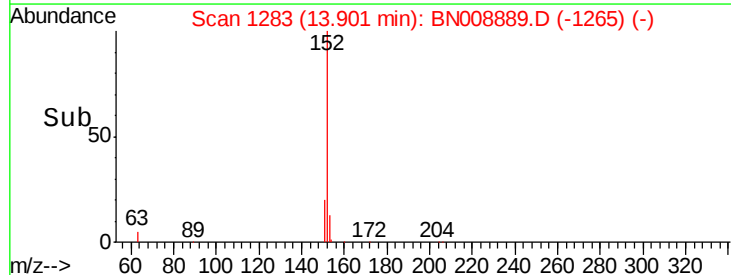
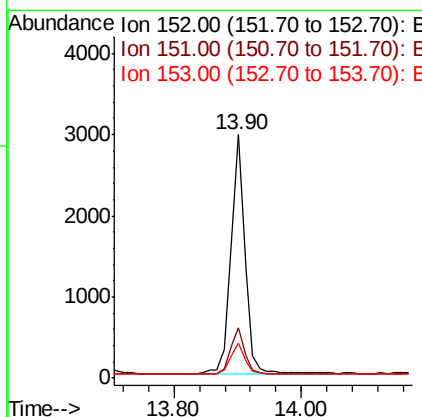
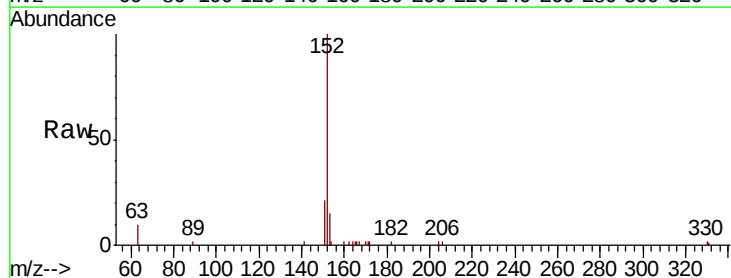
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

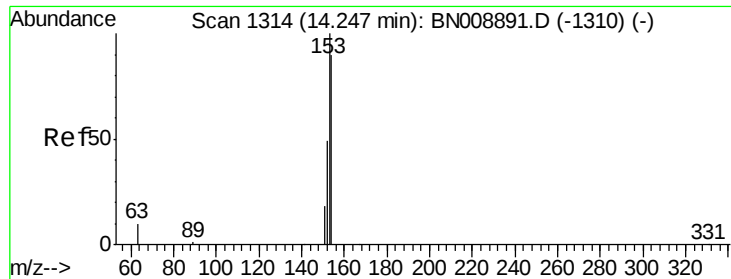
Tot Ion:172 Resp: 4093
Ion Ratio Lower Upper
172 100
171 35.3 27.1 40.7
170 22.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.090 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Tgt Ion:152 Resp: 4557
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9
153 13.0 10.3 15.5

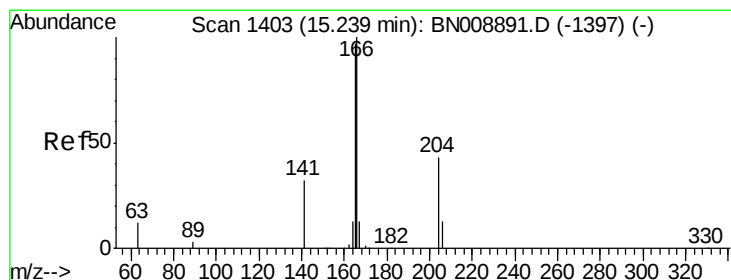
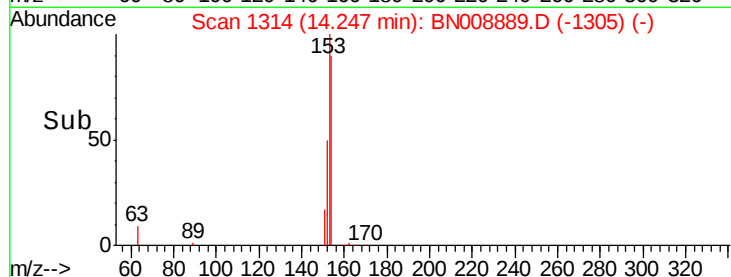
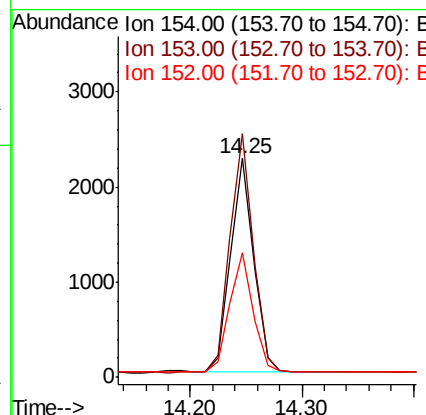
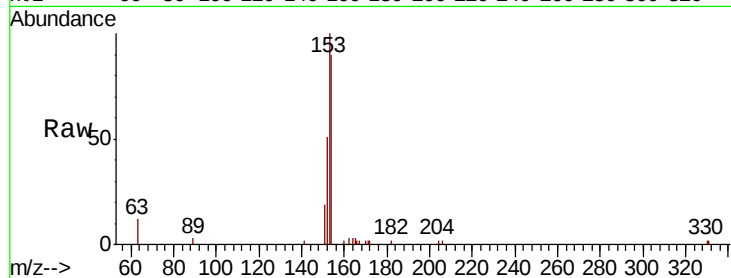




#17
Acenaphthene
Concen: 0.100 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

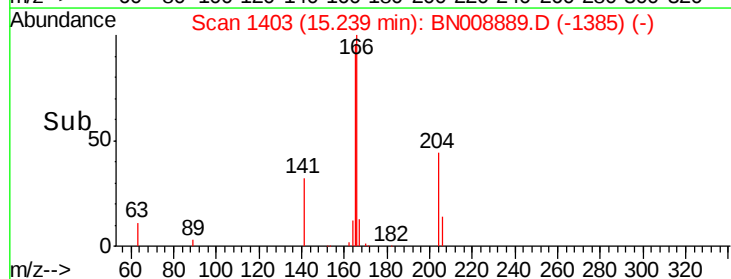
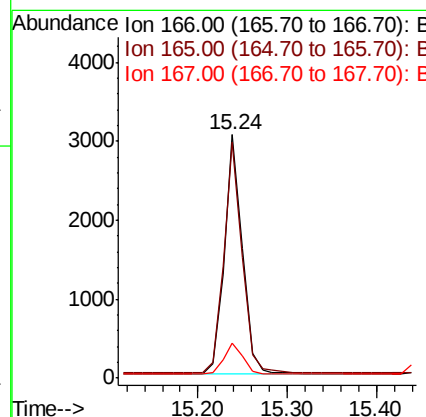
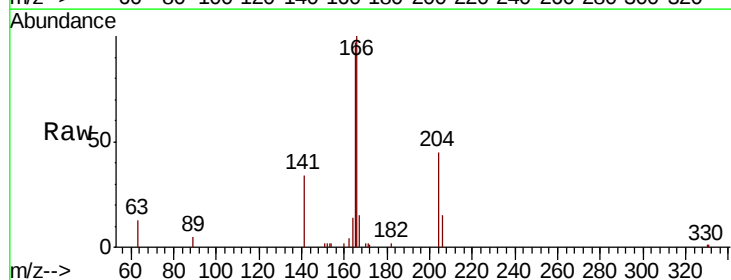
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

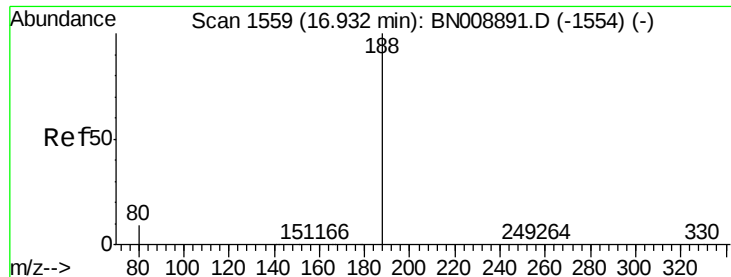
Tot Ion:154 Resp: 3218
Ion Ratio Lower Upper
154 100
153 113.5 89.2 133.8
152 56.1 44.2 66.4



#18
Fluorene
Concen: 0.101 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Tgt Ion:166 Resp: 4293
Ion Ratio Lower Upper
166 100
165 97.9 77.3 115.9
167 13.9 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

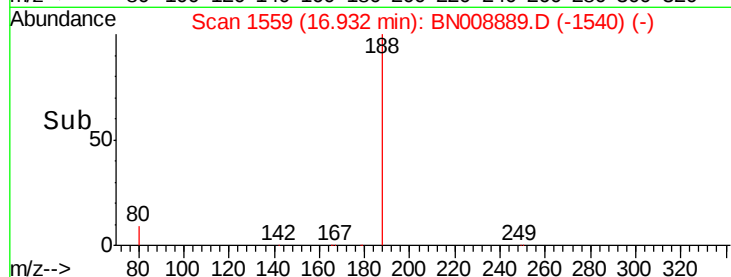
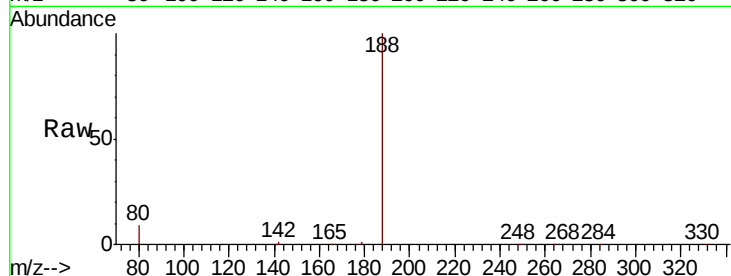
Tot Ion:188 Resp: 24607

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

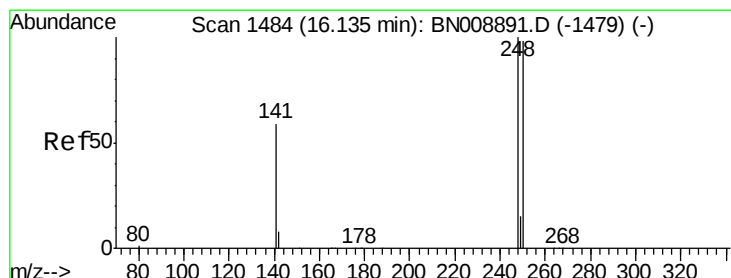
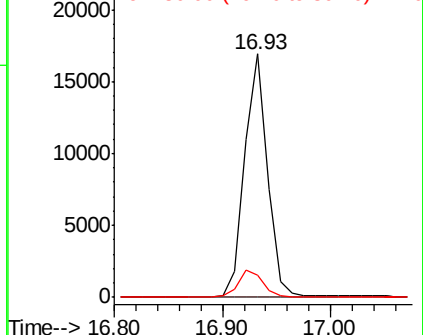
80 9.3 7.3 10.9



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: 0.097 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

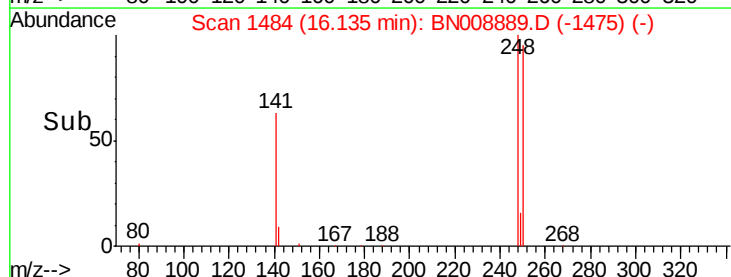
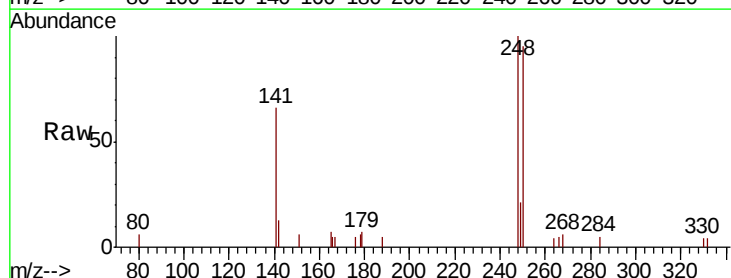
Tgt Ion:248 Resp: 1404

Ion Ratio Lower Upper

248 100

250 95.4 78.7 118.1

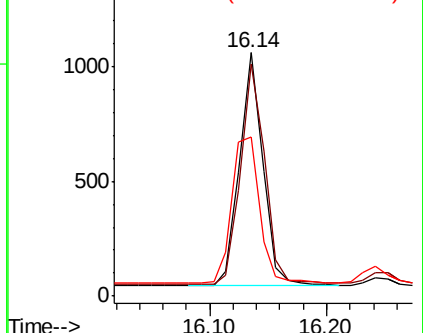
141 65.5 47.9 71.9

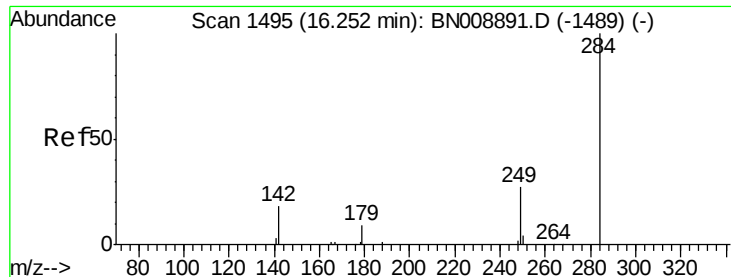


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.100 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

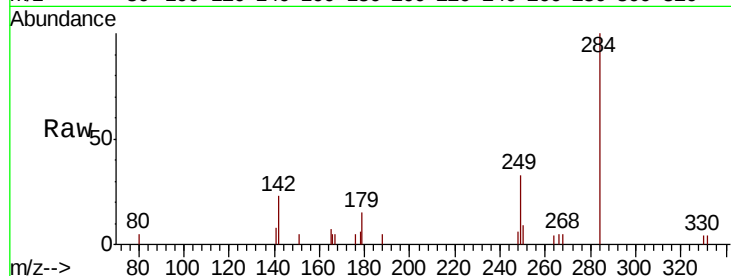
Tot Ion:284 Resp: 1669

Ion Ratio Lower Upper

284 100

142 36.5 27.8 41.6

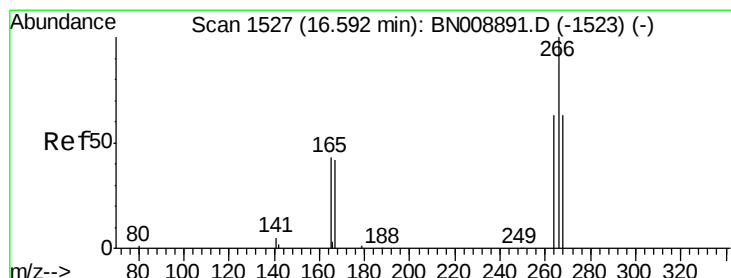
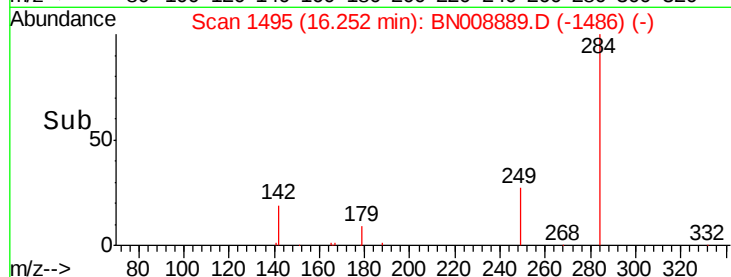
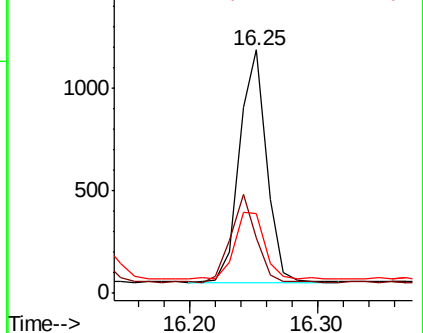
249 32.0 25.3 37.9



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: 0.074 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

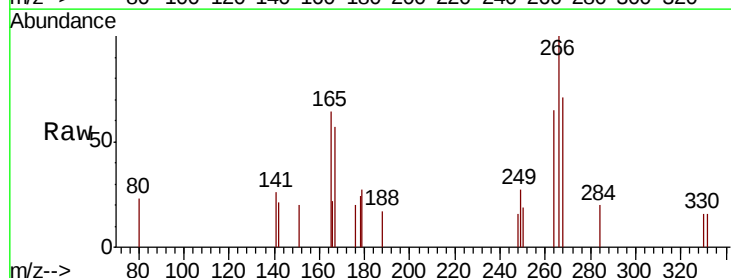
Tgt Ion:266 Resp: 494

Ion Ratio Lower Upper

266 100

264 65.3 51.5 77.3

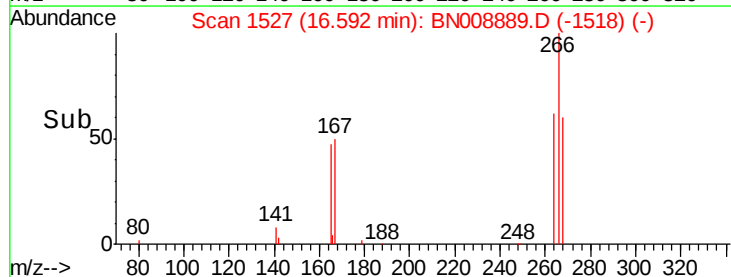
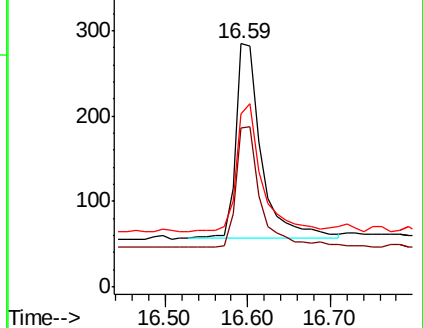
268 70.9 53.1 79.7

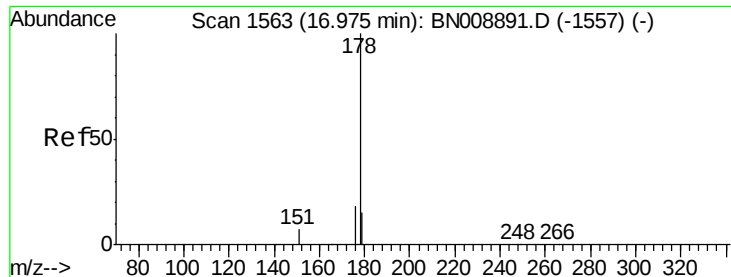


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.100 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

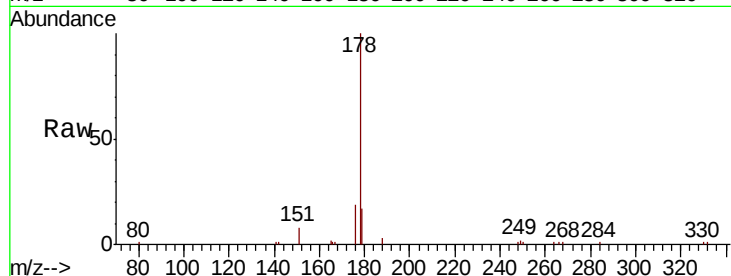
Tot Ion:178 Resp: 7498

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

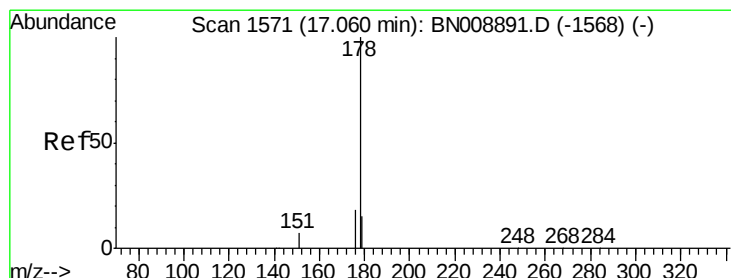
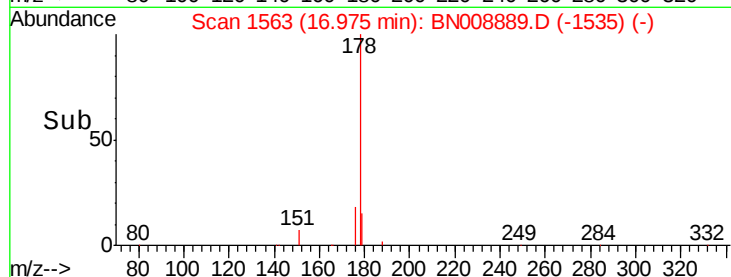
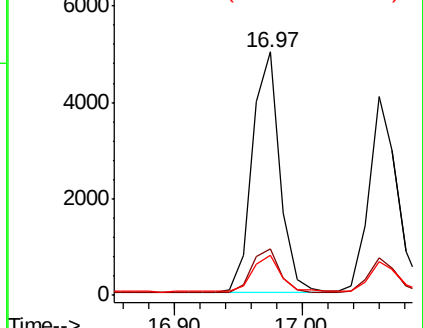
179 16.1 12.3 18.5



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: 0.090 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

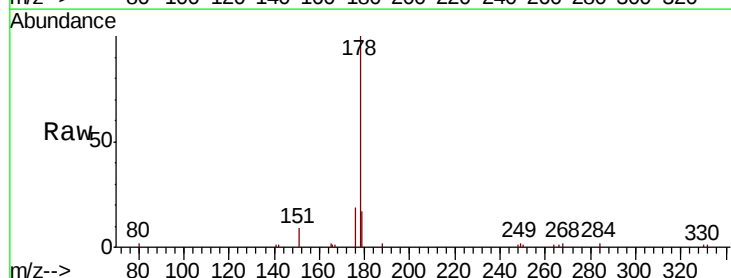
Tgt Ion:178 Resp: 6210

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

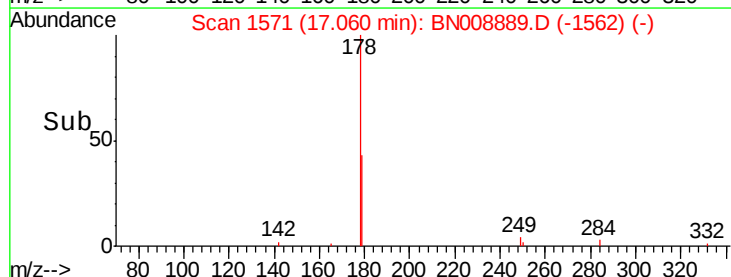
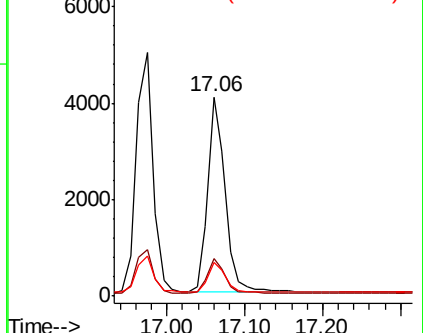
179 15.9 12.1 18.1

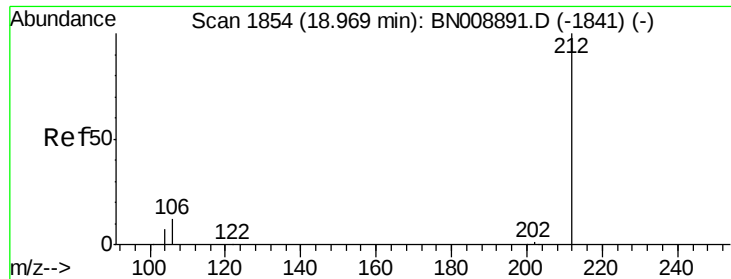


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.093 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

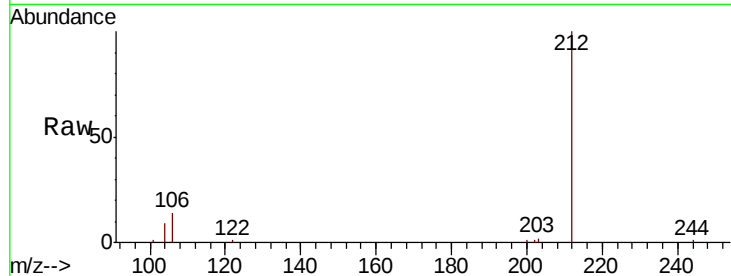
Tot Ion:212 Resp: 6938

Ion Ratio Lower Upper

212 100

106 13.0 10.4 15.6

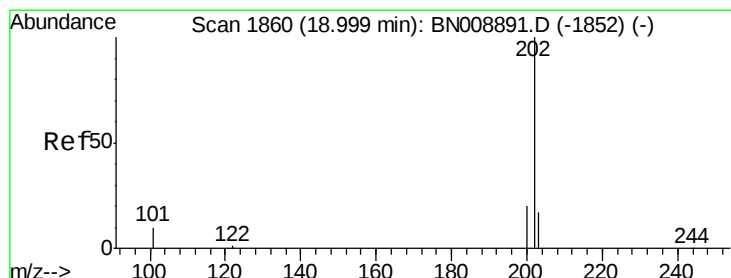
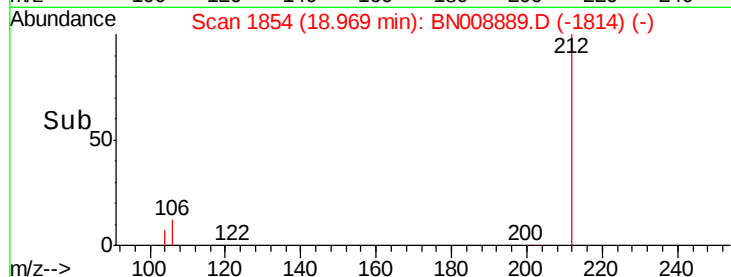
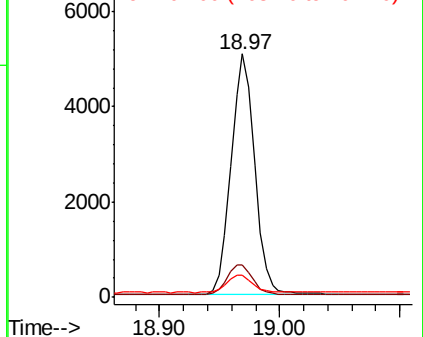
104 7.7 5.9 8.9



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: 0.094 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

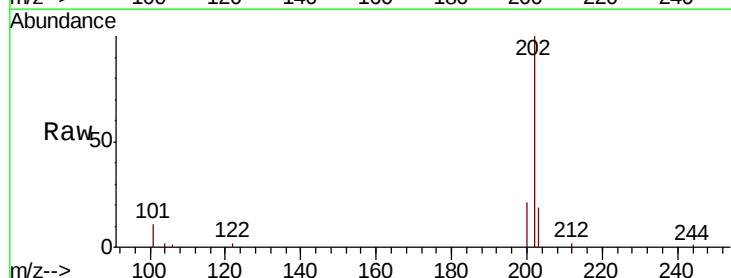
Tgt Ion:202 Resp: 8475

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

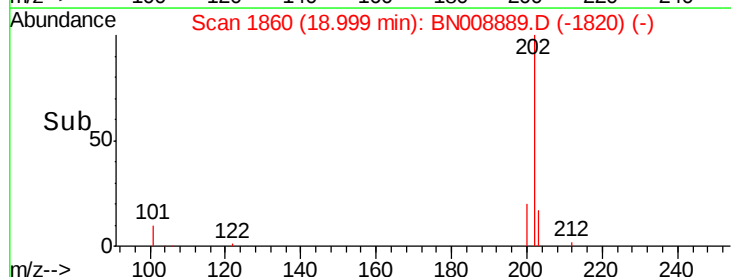
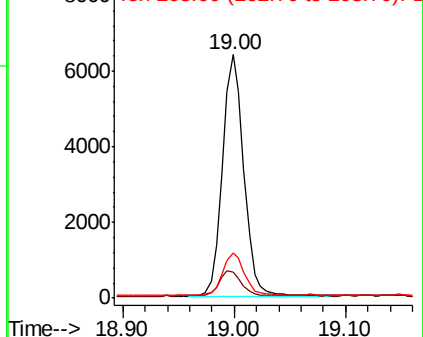
203 17.3 13.8 20.6



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

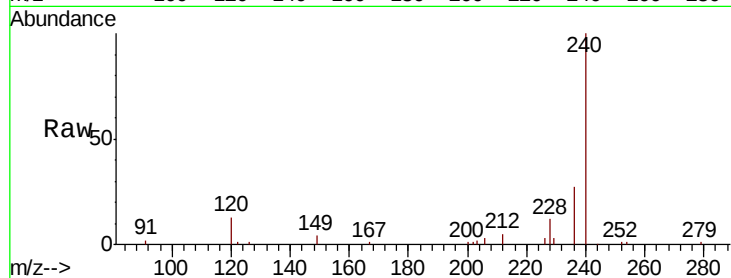




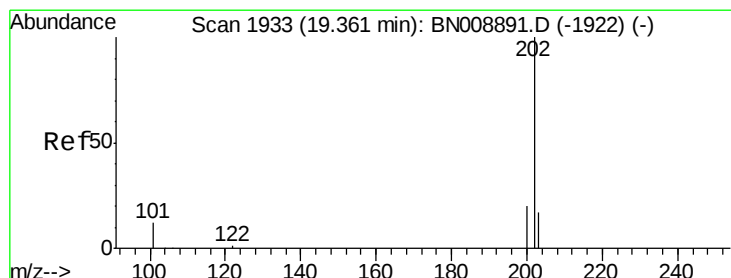
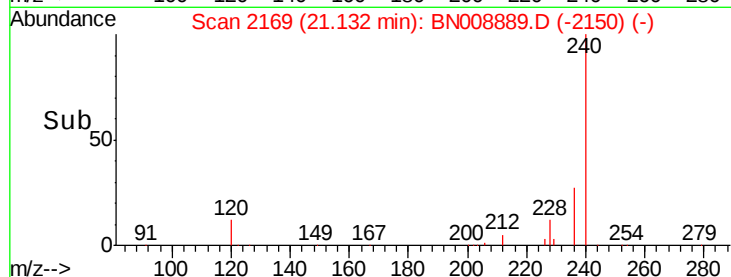
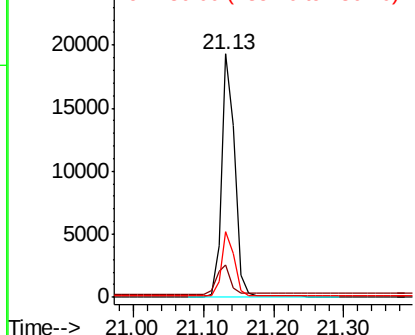
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:240 Resp: 25213
Ion Ratio Lower Upper
240 100
120 13.2 9.1 13.7
236 27.0 21.5 32.3

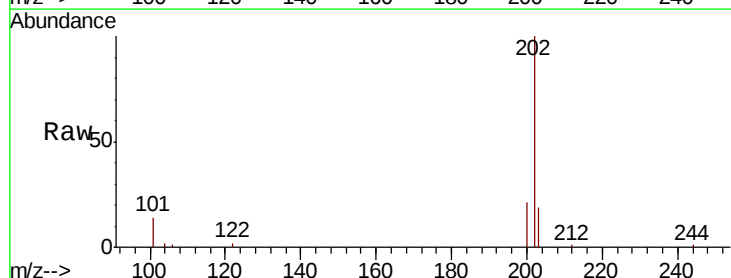


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

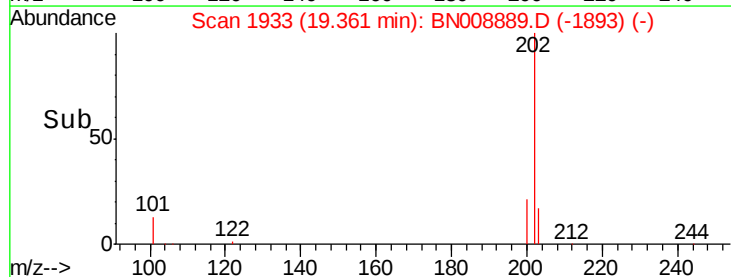
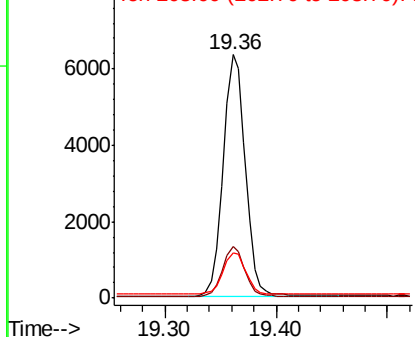


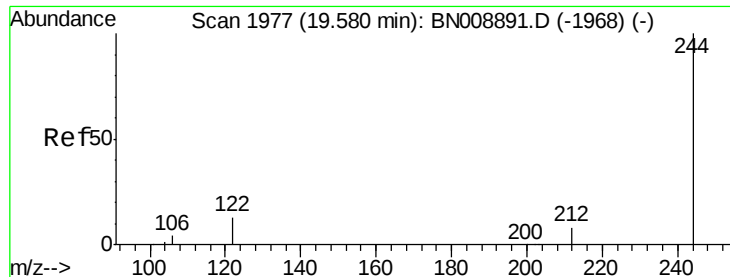
#28
Pyrene
Concen: 0.099 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN008889.D
Acq: 09 Dec 2019 12:44

Tgt Ion:202 Resp: 8746
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.7 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: 0.099 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

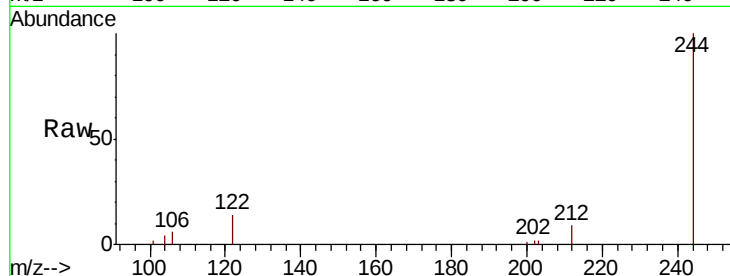
Tot Ion:244 Resp: 5755

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

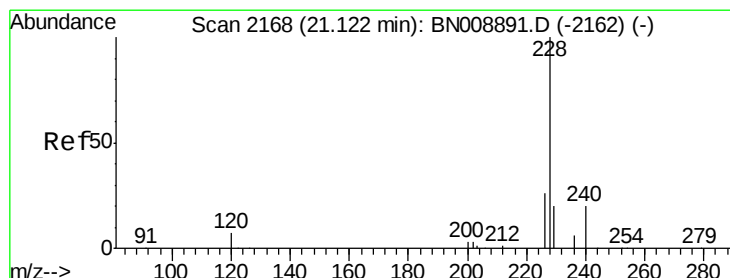
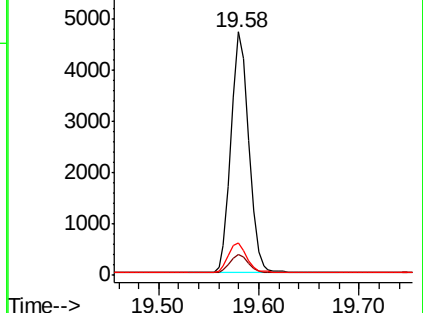
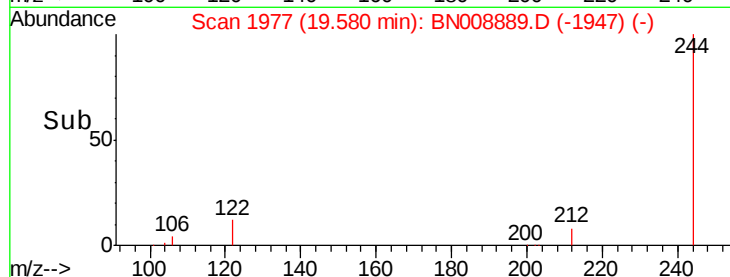
122 13.6 10.4 15.6



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: 0.093 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

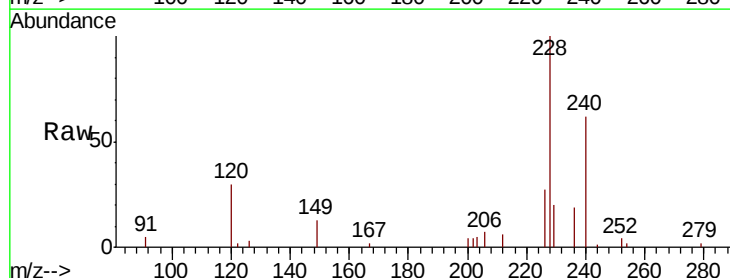
Tgt Ion:228 Resp: 8474

Ion Ratio Lower Upper

228 100

226 26.7 20.6 30.8

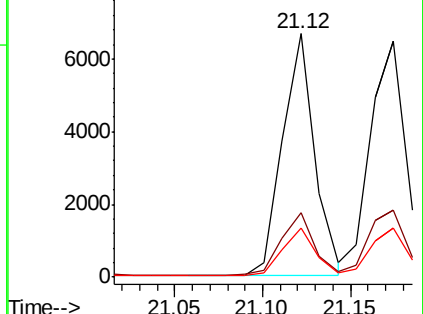
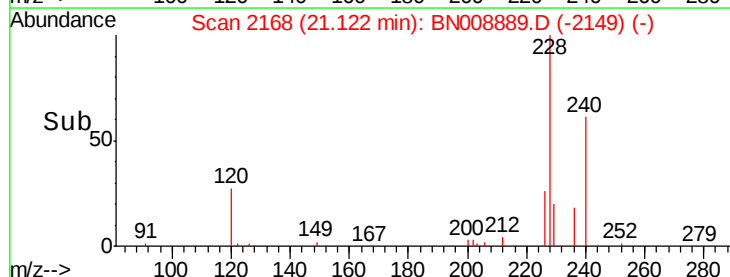
229 20.3 15.9 23.9



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: 0.102 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

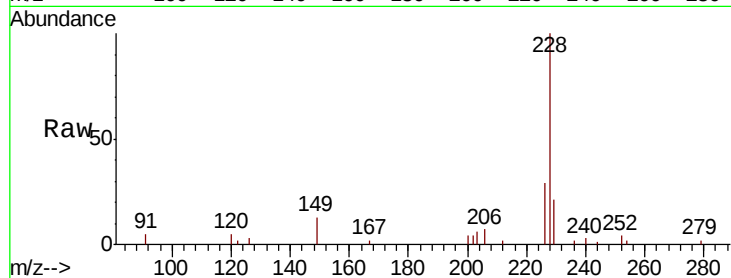
Tot Ion:228 Resp: 9054

Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.4

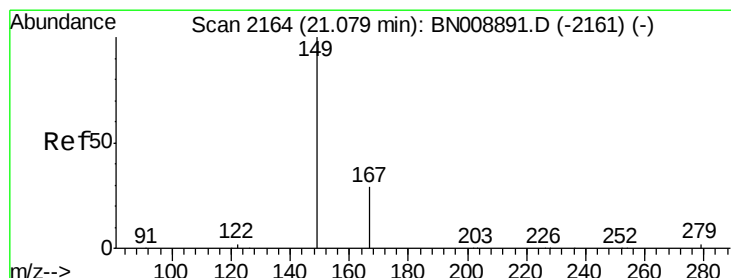
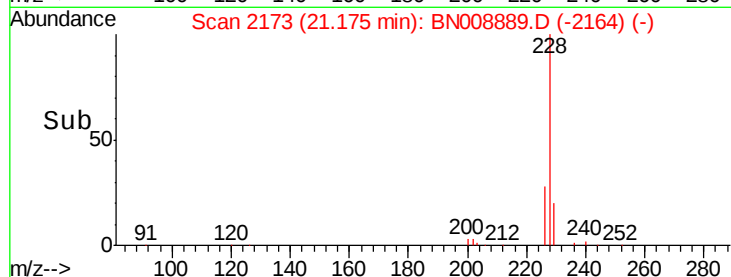
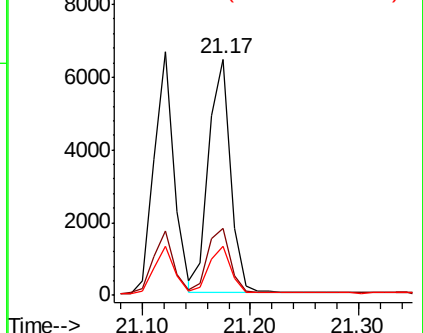
229 20.7 15.9 23.9



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: 0.081 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

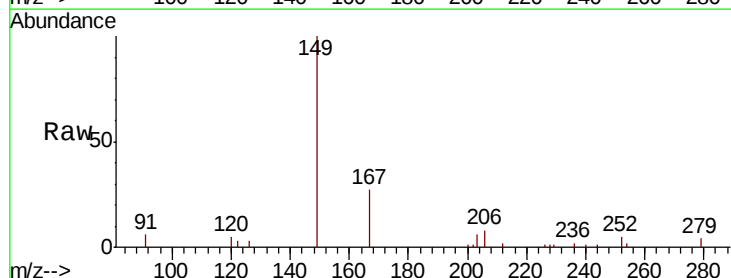
Tgt Ion:149 Resp: 4902

Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

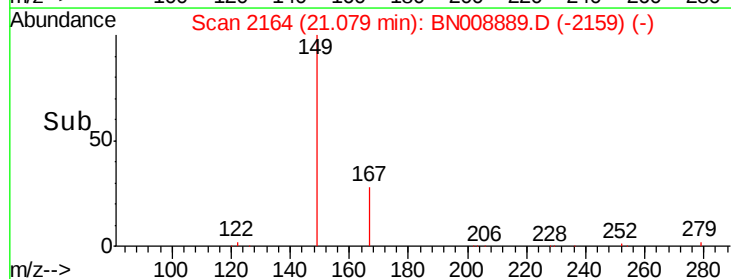
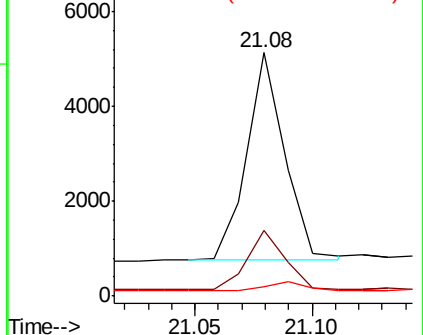
279 4.5 3.3 4.9

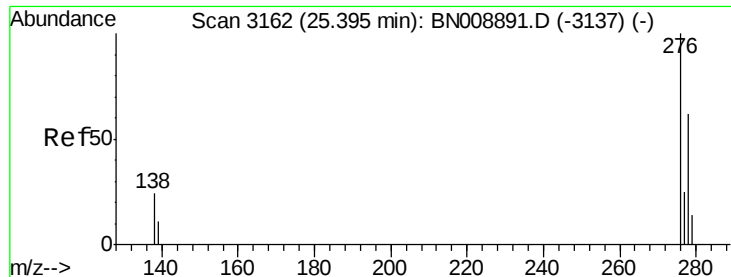


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.093 ng

RT: 25.39 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

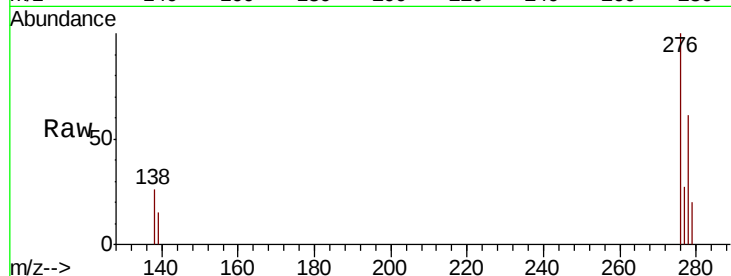
Tot Ion:276 Resp: 10121

Ion Ratio Lower Upper

276 100

138 29.6 19.9 29.9

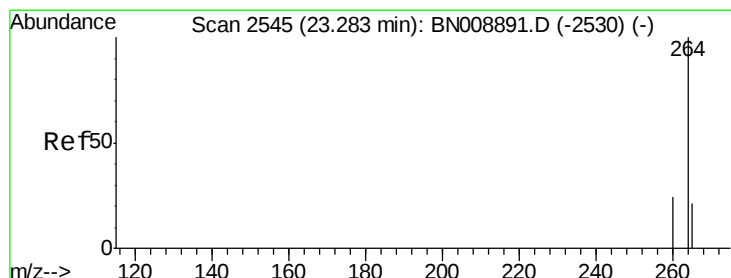
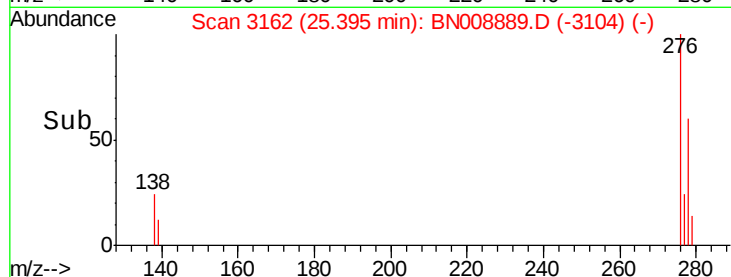
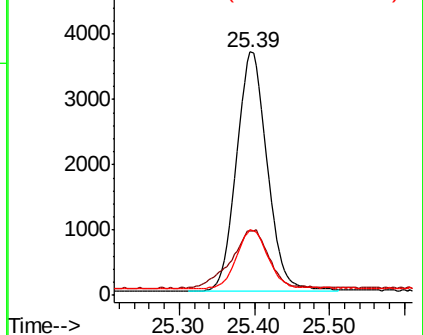
277 25.2 19.8 29.8



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: 23.29 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

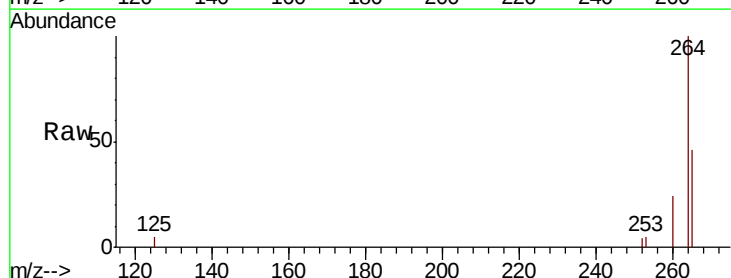
Tgt Ion:264 Resp: 27578

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

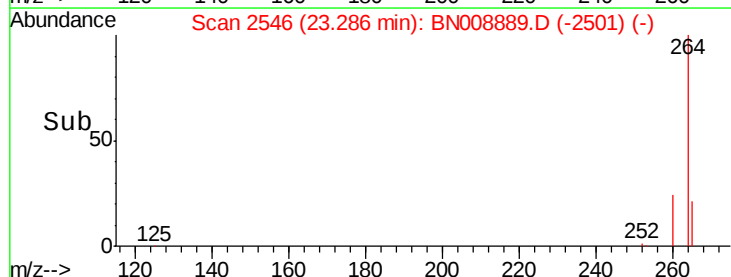
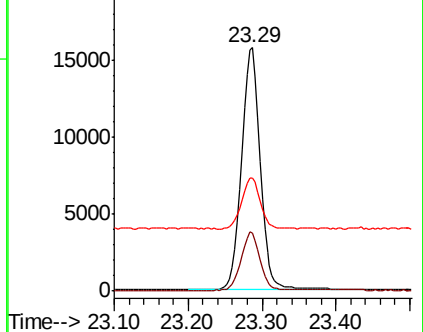
265 46.4 47.5 71.3#

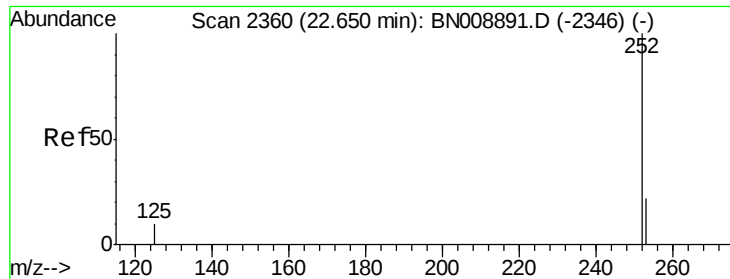


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.099 ng

RT: 22.65 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

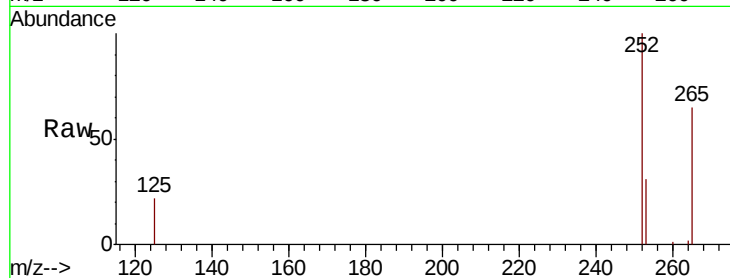
Tot Ion:252 Resp: 9087

Ion Ratio Lower Upper

252 100

253 30.9 19.8 29.6#

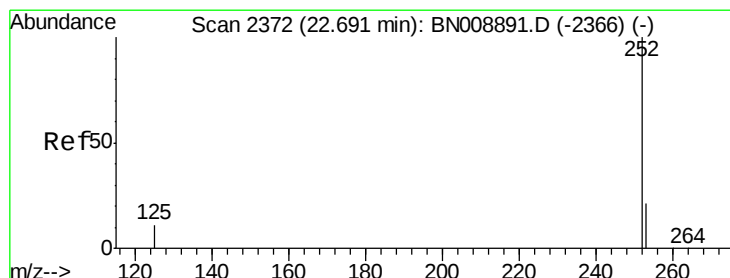
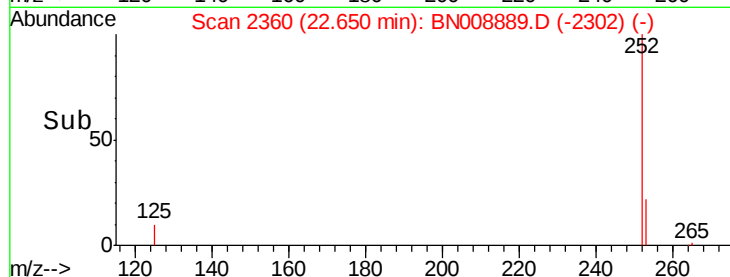
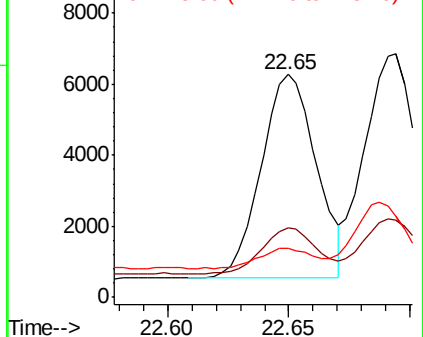
125 22.1 10.8 16.2#



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: 0.109 ng

RT: 22.69 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

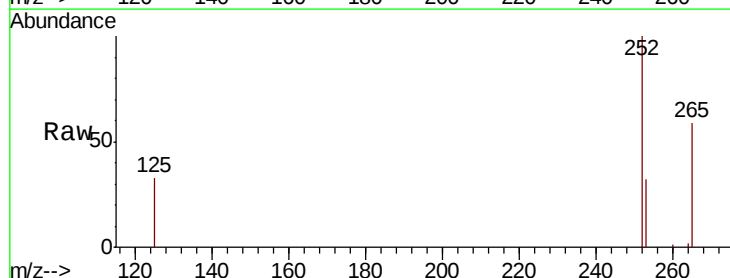
Tgt Ion:252 Resp: 9830

Ion Ratio Lower Upper

252 100

253 31.8 19.2 28.8#

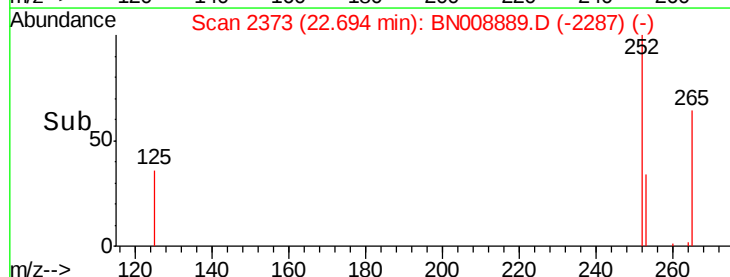
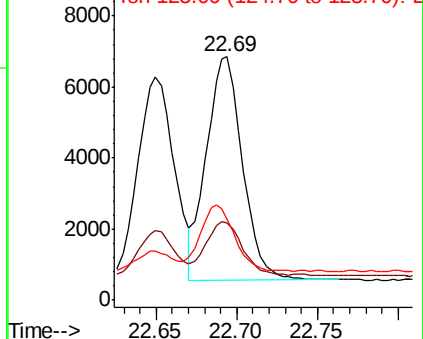
125 33.1 11.6 17.4#

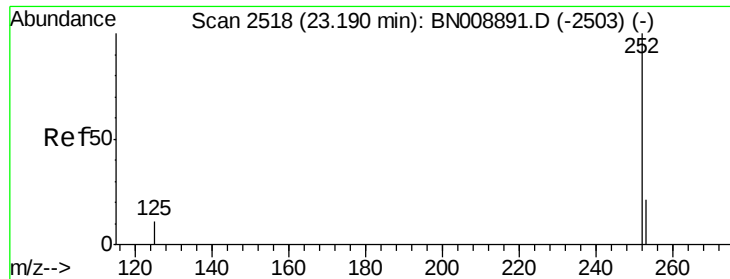


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.098 ng

RT: 23.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

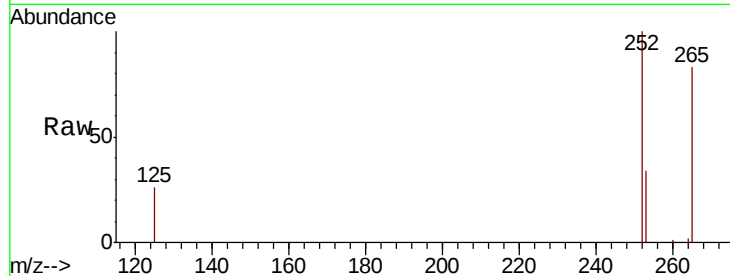
Tot Ion:252 Resp: 8448

Ion Ratio Lower Upper

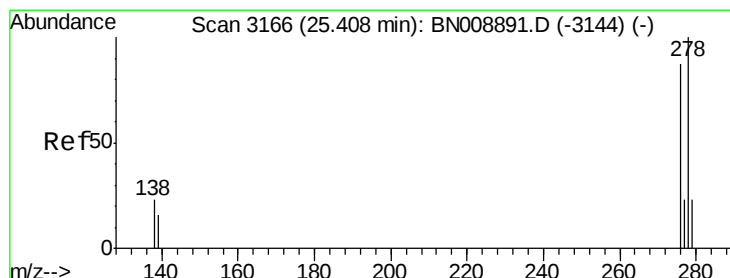
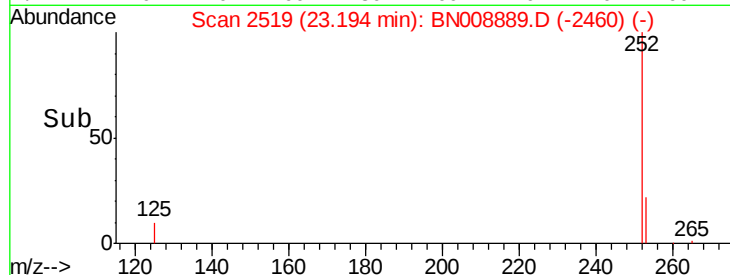
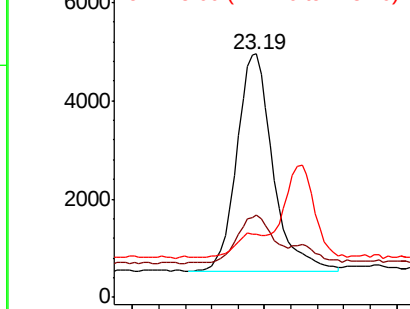
252 100

253 33.8 19.9 29.9#

125 25.9 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: 0.093 ng

RT: 25.41 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

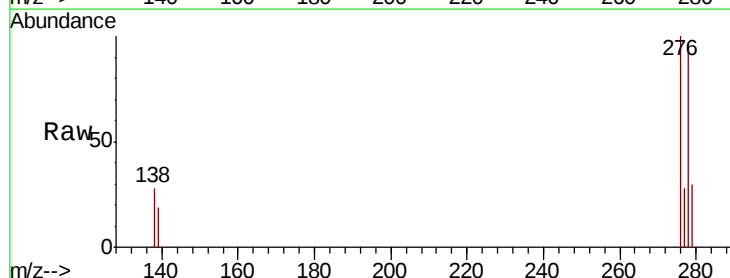
Tgt Ion:278 Resp: 8173

Ion Ratio Lower Upper

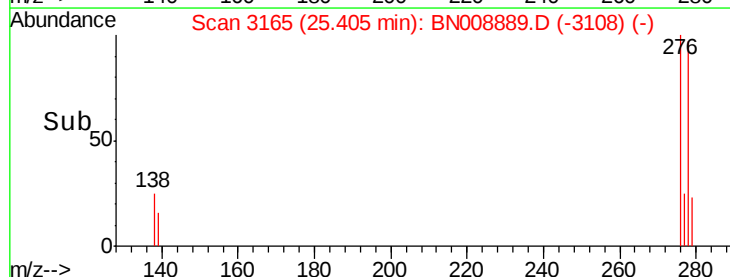
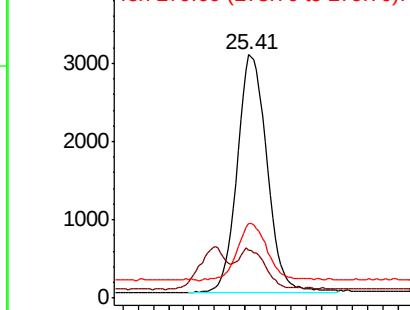
278 100

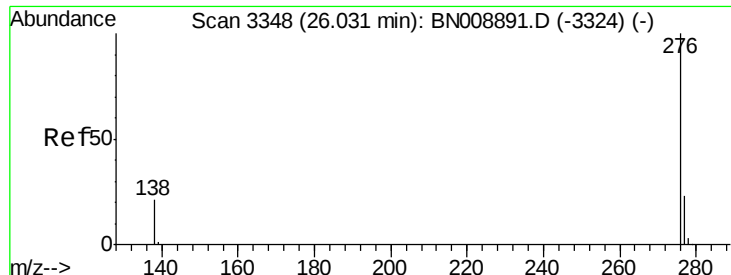
139 19.5 13.9 20.9

279 30.6 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: 0.091 ng

RT: 26.03 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BN008889.D

Acq: 09 Dec 2019 12:44

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

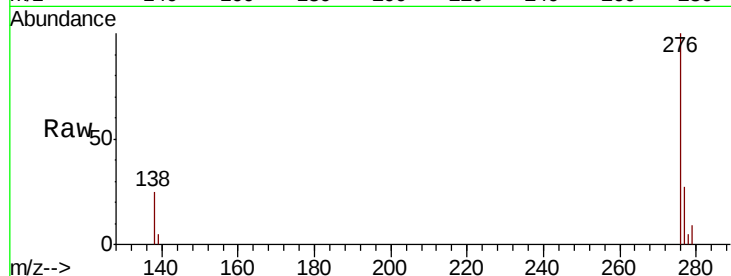
Tot Ion: 276 Resp: 8151

Ion Ratio Lower Upper

276 100

277 27.2 19.4 29.2

138 24.9 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

