

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
 Data File : BN009804.D
 Acq On : 21 Feb 2020 12:36
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Feb 21 16:37:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1180	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	4007	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	2629	0.40	ng	-0.02
19) Phenanthrene-d10	16.80	188	5715	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	5048	0.40	ng	-0.02
34) Perylene-d12	23.12	264	5382	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1086	0.41	ng	-0.02
5) Phenol-d6	6.63	99	1143	0.36	ng	-0.02
8) Nitrobenzene-d5	8.58	82	1157	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	11.77	152	2996	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	396	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	3691	0.37	ng	-0.02
25) Fluoranthene-d10	18.84	212	7318	0.37	ng	-0.02
29) Terphenyl-d14	19.46	244	4594	0.38	ng	-0.02

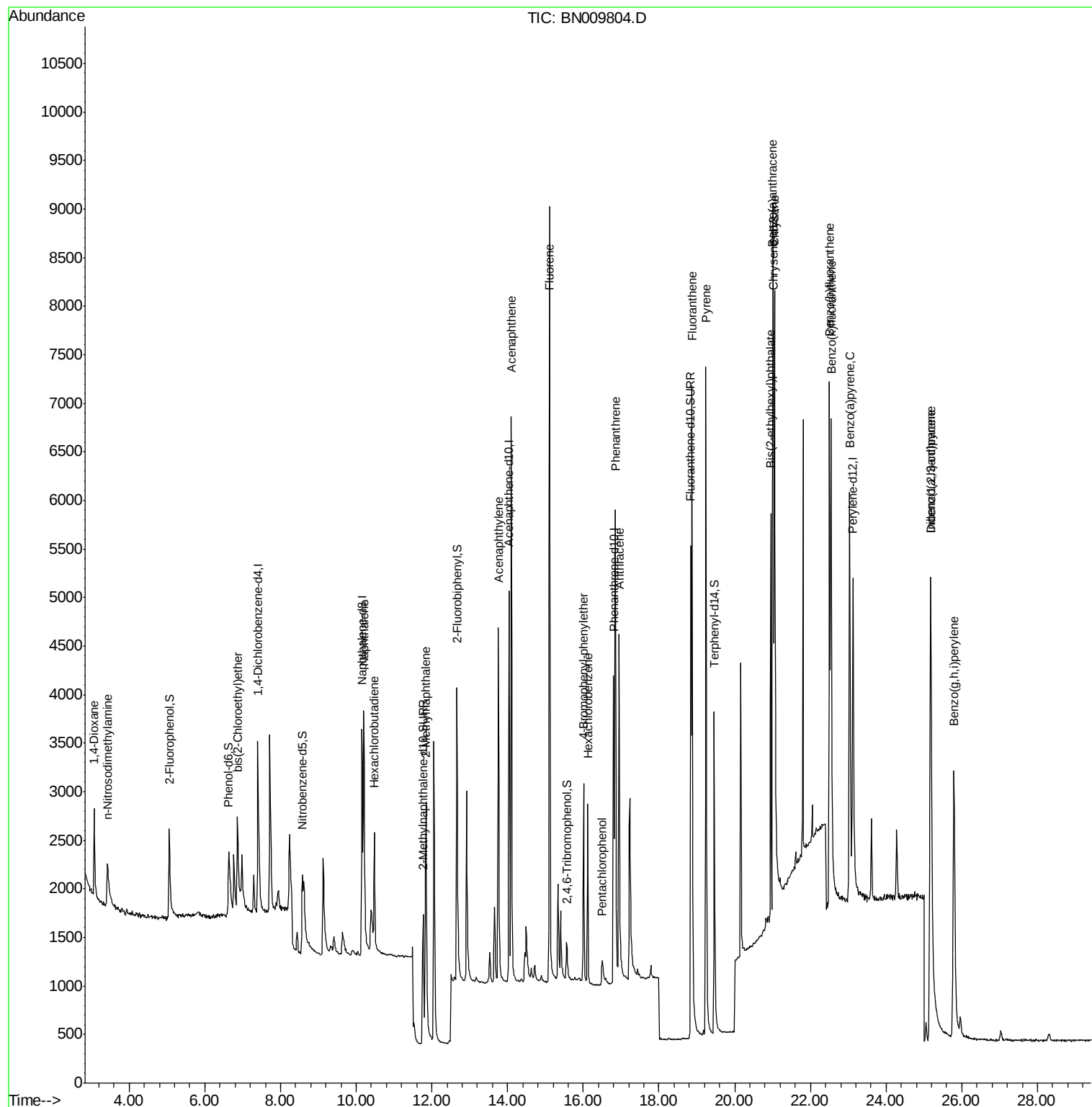
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	433	0.358	ng	86
3) n-Nitrosodimethylamine	3.43	42	747	0.376	ng	# 92
6) bis(2-Chloroethyl)ether	6.86	93	1251	0.403	ng	94
9) Naphthalene	10.20	128	4284	0.392	ng	99
10) Hexachlorobutadiene	10.48	225	954	0.397	ng	# 97
12) 2-Methylnaphthalene	11.84	142	2884	0.385	ng	98
16) Acenaphthylene	13.76	152	4264	0.380	ng	99
17) Acenaphthene	14.10	154	3049	0.387	ng	99
18) Fluorene	15.10	166	3880	0.373	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1032	0.214	ng	# 91
21) Hexachlorobenzene	16.11	284	1436	0.404	ng	98
22) Pentachlorophenol	16.50	266	302	0.432	ng	97
23) Phenanthrene	16.85	178	6329	0.372	ng	99
24) Anthracene	16.94	178	5341	0.371	ng	99
26) Fluoranthene	18.87	202	7505	0.369	ng	100
28) Pyrene	19.24	202	7725	0.403	ng	99
30) Benzo(a)anthracene	21.00	228	6228	0.372	ng	98
31) Chrysene	21.06	228	7033	0.363	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	3564	0.436	ng	98
33) Indeno(1,2,3-cd)pyrene	25.17	276	7878	0.390	ng	97
35) Benzo(b)fluoranthene	22.51	252	6654	0.338	ng	96
36) Benzo(k)fluoranthene	22.55	252	8278	0.386	ng	99
37) Benzo(a)pyrene	23.04	252	6755	0.376	ng	# 89
38) Dibenzo(a,h)anthracene	25.18	278	6134	0.347	ng	99
39) Benzo(g,h,i)perylene	25.80	276	6992	0.371	ng	99

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

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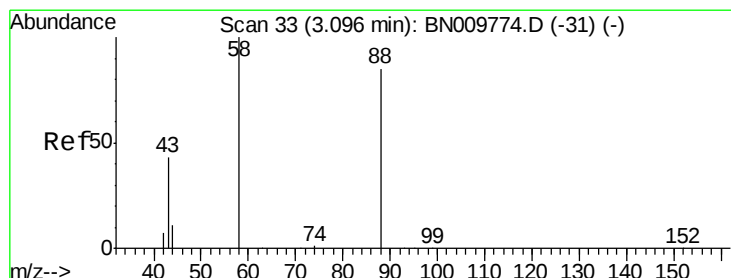
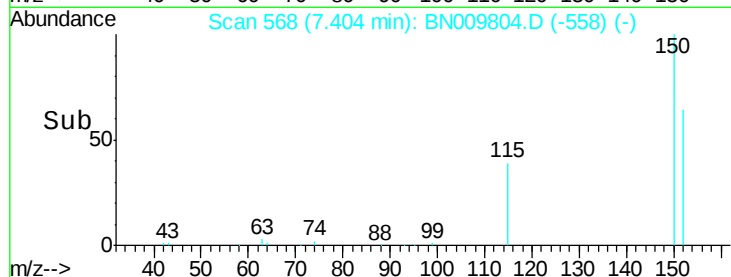
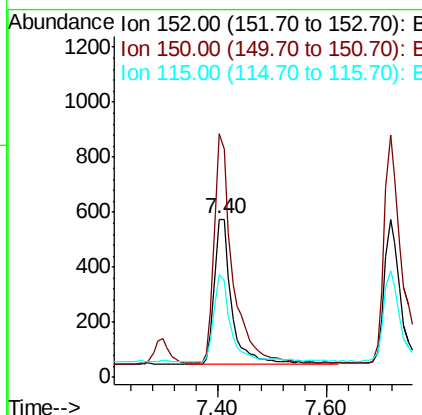
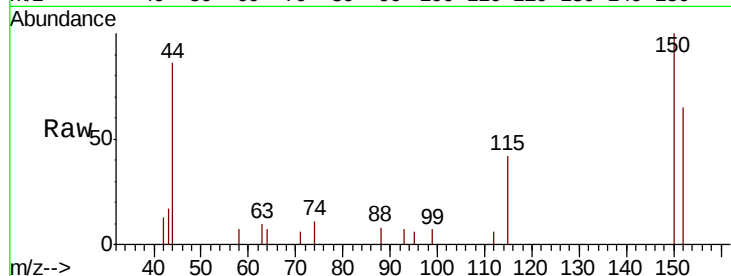


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

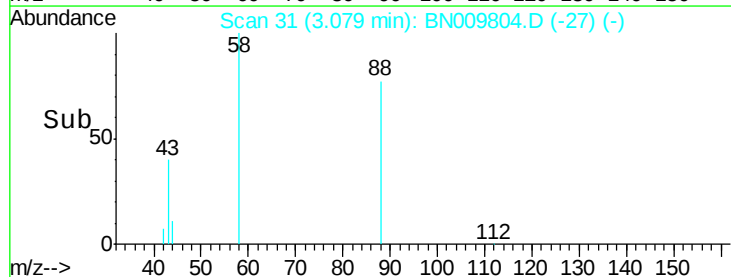
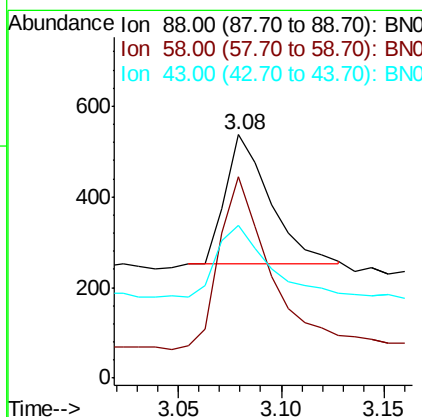
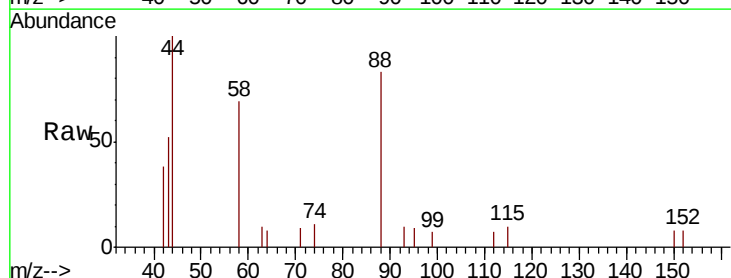
Tot Ion:152 Resp: 1180
Ion Ratio Lower Upper
152 100
150 153.9 120.6 181.0
115 65.0 51.2 76.8



#2

1,4-Dioxane
Concen: 0.358 ng
RT: 3.08 min Scan# 31
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion: 88 Resp: 433
Ion Ratio Lower Upper
88 100
58 140.6 97.8 146.8
43 61.9 45.1 67.7





#3

n-Nitrosodimethylamine

Concen: 0.376 ng

RT: 3.43 min Scan# 74

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

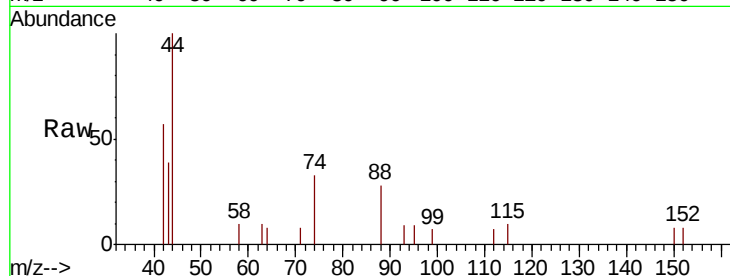
Tot Ion: 42 Resp: 747

Ion Ratio Lower Upper

42 100

74 69.6 51.2 76.8

44 10.4 2.6 4.0#



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

800

600

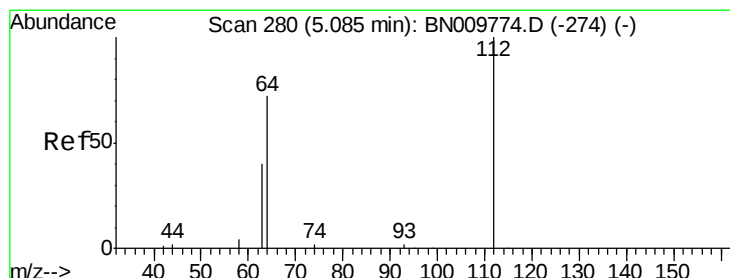
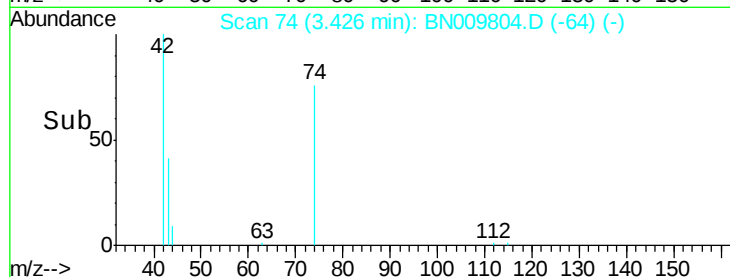
400

200

0

3.35 3.40 3.45 3.50

Time-->



#4

2-Fluorophenol

Concen: 0.414 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

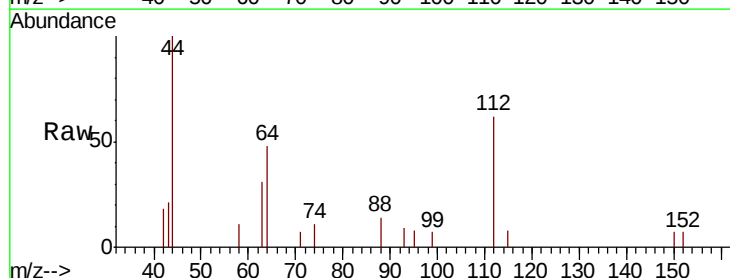
Tgt Ion: 112 Resp: 1086

Ion Ratio Lower Upper

112 100

64 77.9 65.8 98.6

63 46.6 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

600

500

400

300

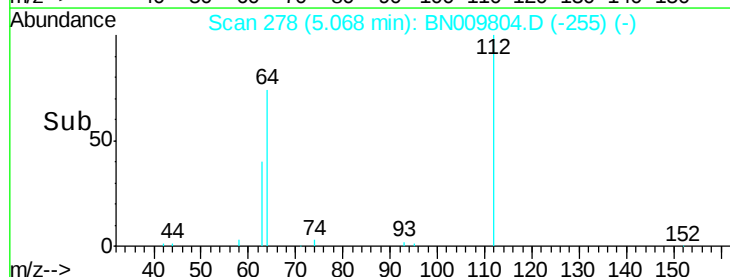
200

100

0

4.90 5.00 5.10 5.20 5.30

Time-->





#5

Phenol-d6

Concen: 0.358 ng

RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

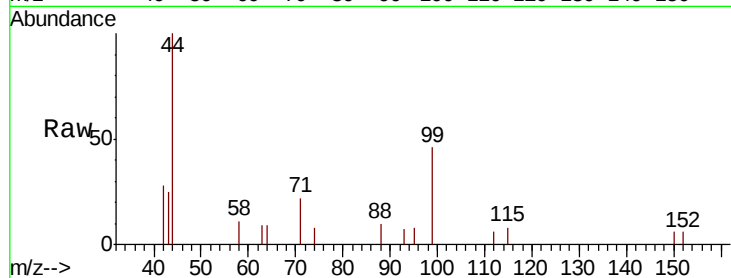
Tot Ion: 99 Resp: 1143

Ion Ratio Lower Upper

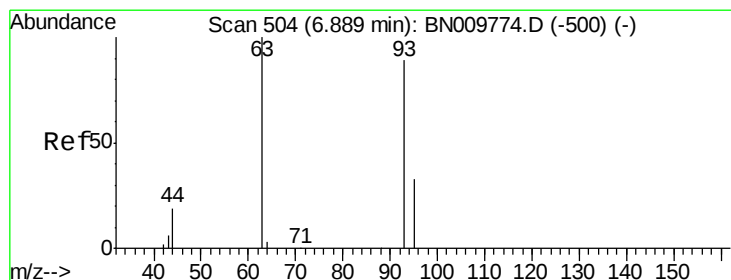
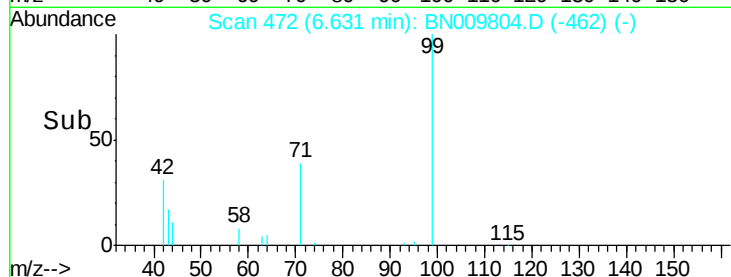
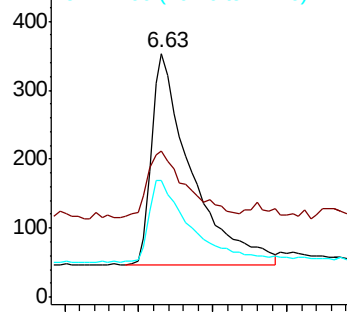
99 100

42 31.2 30.8 46.2

71 40.3 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN009804.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

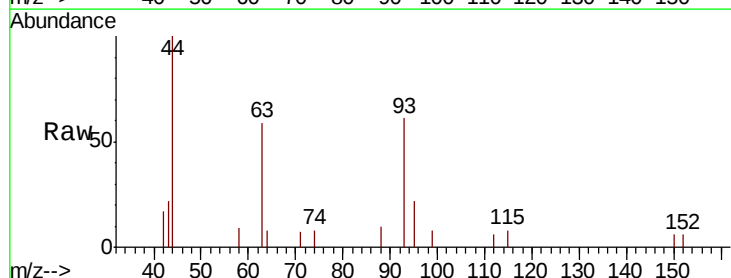
Tgt Ion: 93 Resp: 1251

Ion Ratio Lower Upper

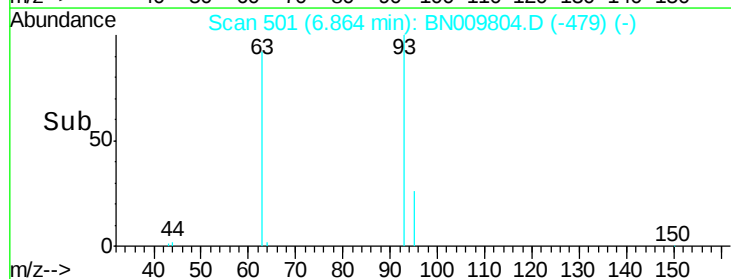
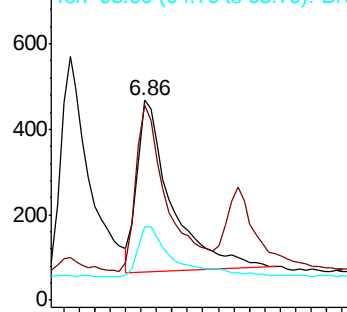
93 100

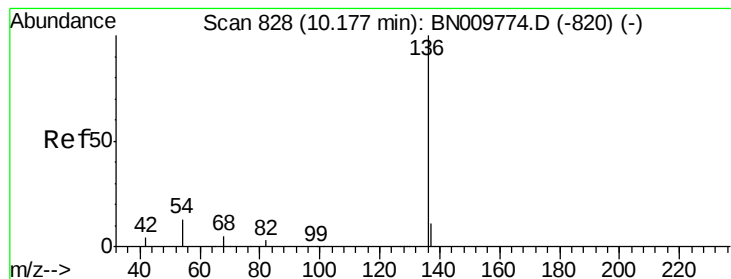
63 86.5 74.0 111.0

95 30.3 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN009804.D (-479) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4007

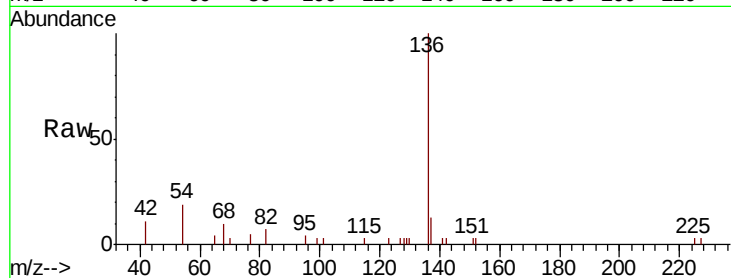
Ion Ratio Lower Upper

136 100

137 13.3 11.3 16.9

54 19.1 13.4 20.2

68 9.8 7.0 10.4

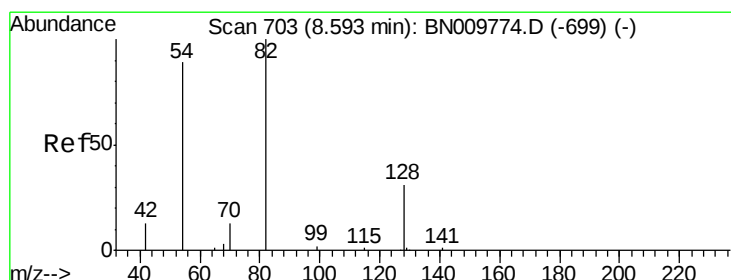
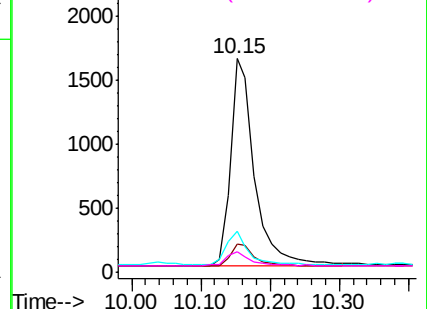
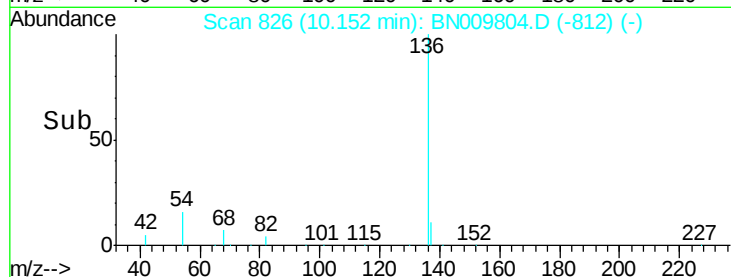


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

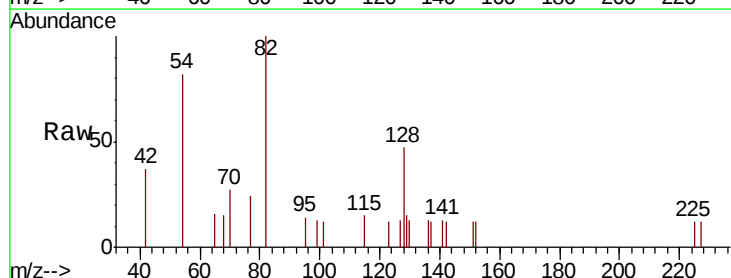
Tgt Ion: 82 Resp: 1157

Ion Ratio Lower Upper

82 100

128 47.3 32.5 48.7

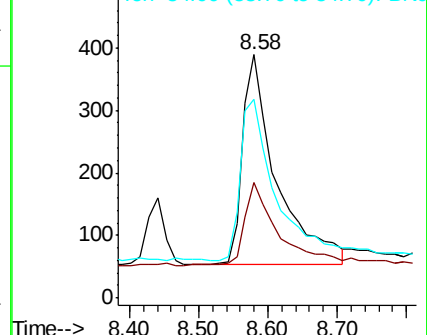
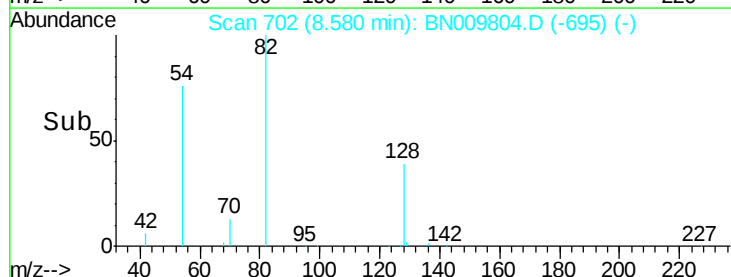
54 81.7 73.5 110.3



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: 0.392 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

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SSTDCCC0.4

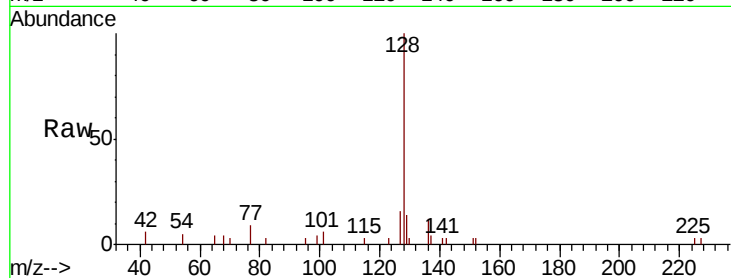
Tot Ion:128 Resp: 4284

Ion Ratio Lower Upper

128 100

129 13.6 11.1 16.7

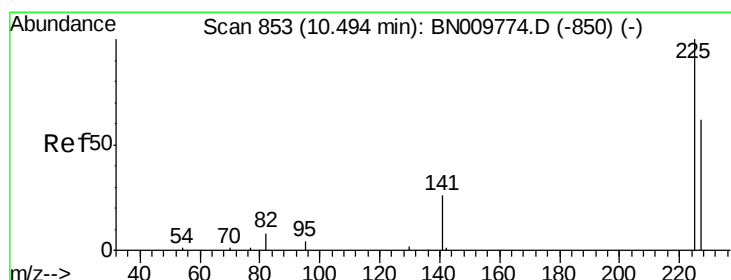
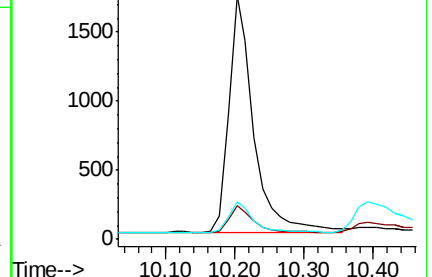
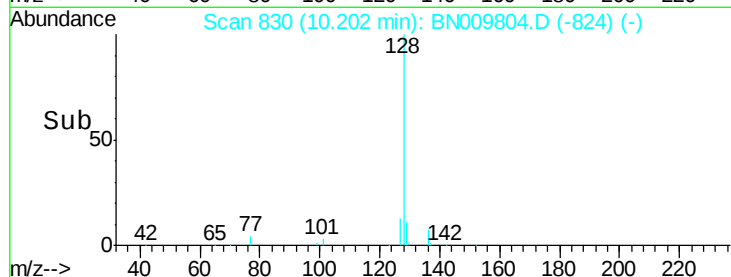
127 15.5 12.6 19.0



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: 0.397 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

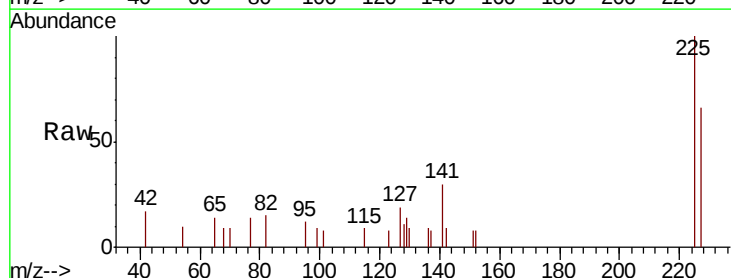
Tgt Ion:225 Resp: 954

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

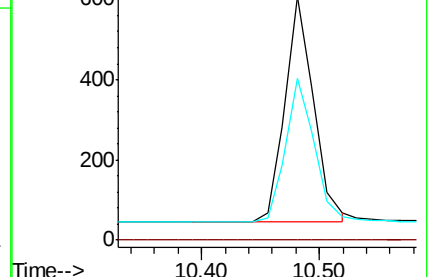
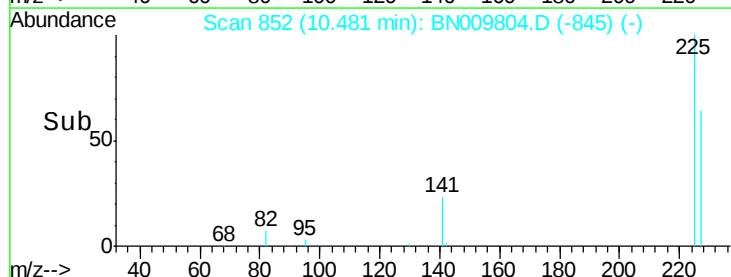
227 64.2 53.4 80.2



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: 0.386 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

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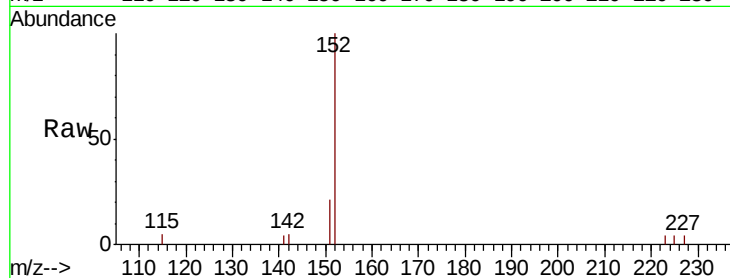
SSTDCCC0.4

Tot Ion:152 Resp: 2996

Ion Ratio Lower Upper

152 100

151 18.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

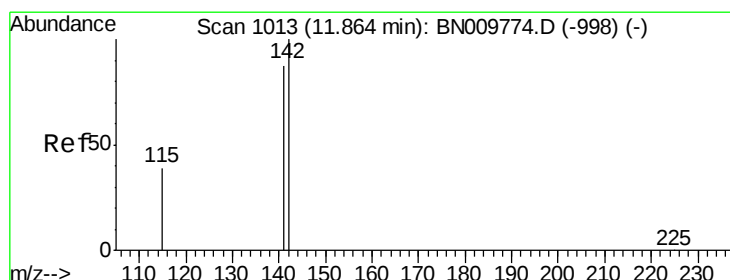
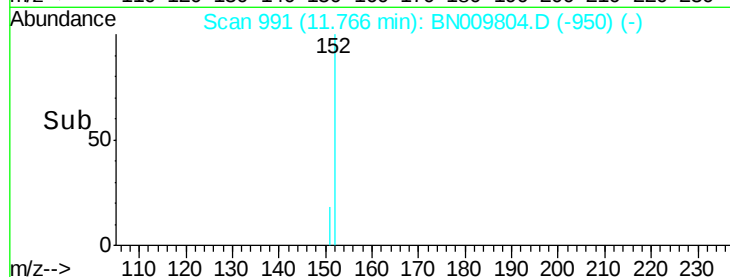
1000

500

0

Time-->

11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

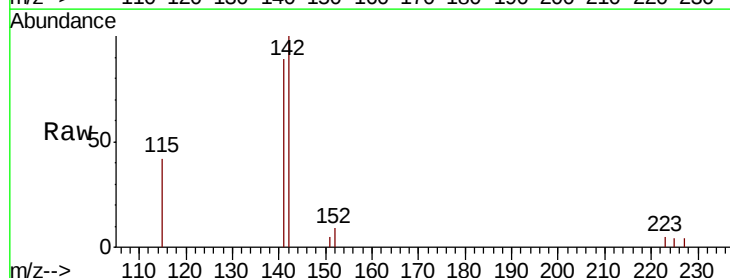
Tgt Ion:142 Resp: 2884

Ion Ratio Lower Upper

142 100

141 88.8 69.8 104.6

115 42.2 34.6 52.0



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

11.84

1500

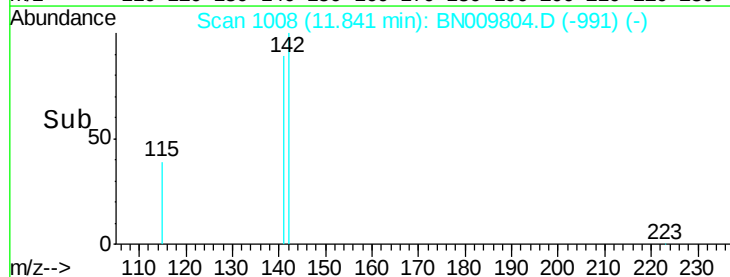
1000

500

0

Time-->

11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

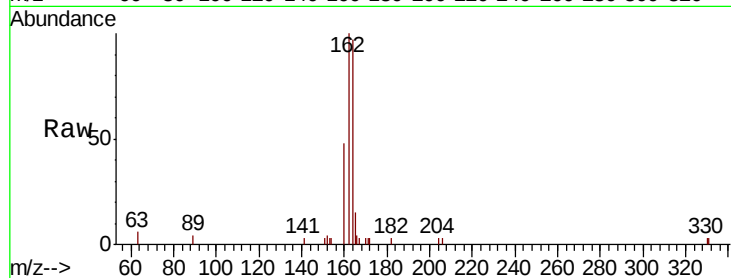
Tot Ion:164 Resp: 2629

Ion Ratio Lower Upper

164 100

162 103.4 79.9 119.9

160 49.3 38.2 57.2



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

14.03

1500

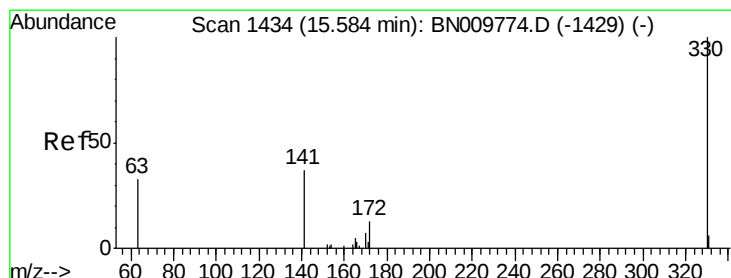
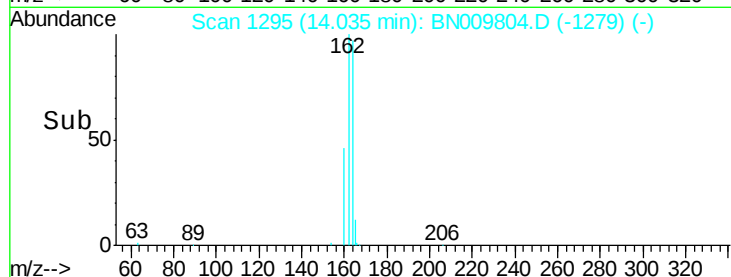
1000

500

0

Time-->

13.90 14.00 14.10 14.20



#14

2,4,6-Tribromophenol

Concen: 0.391 ng

RT: 15.57 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

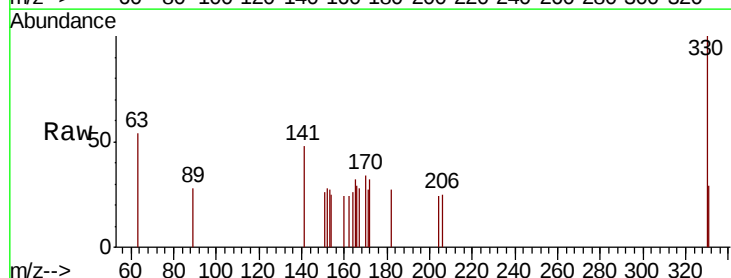
Tgt Ion:330 Resp: 396

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 46.7 36.8 55.2



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

15.57

250

200

150

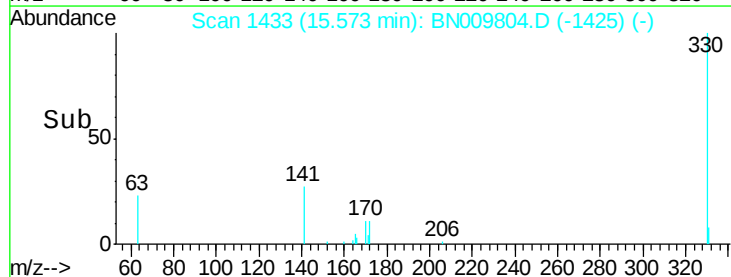
100

50

0

Time-->

15.40 15.50 15.60 15.70

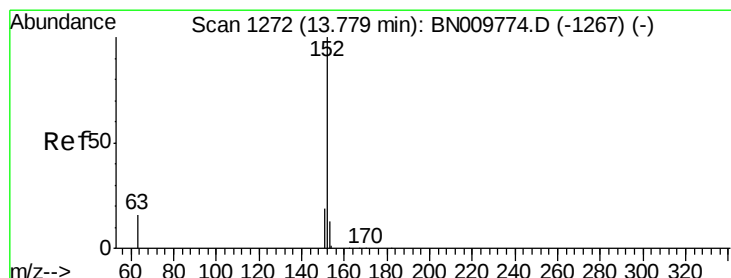
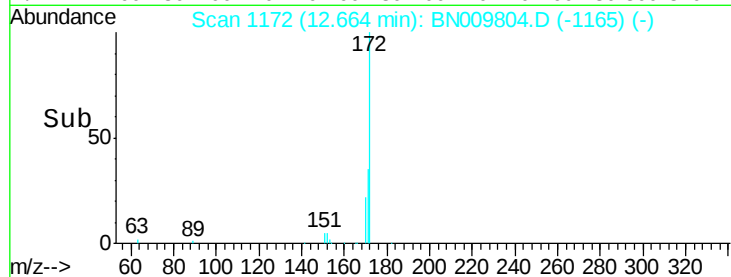
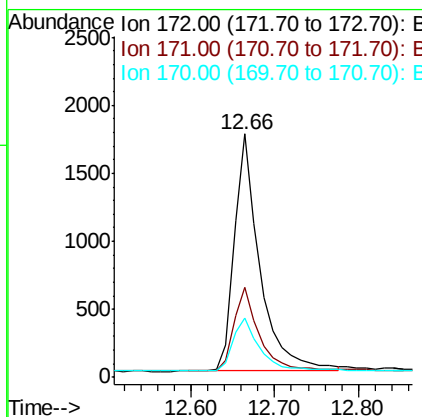
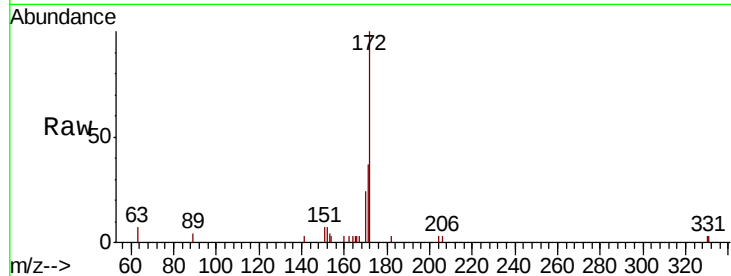




#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

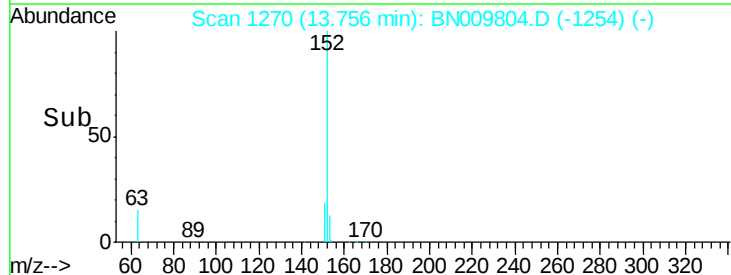
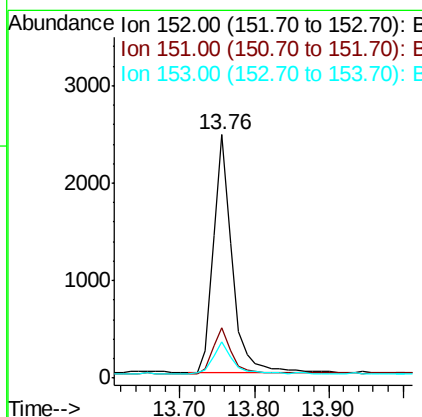
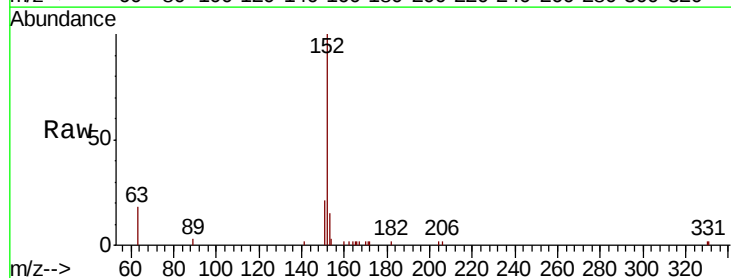
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

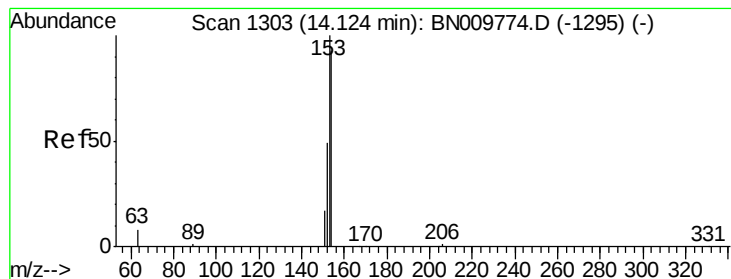
Tot Ion:172 Resp: 3691
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.3 20.1 30.1



#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:152 Resp: 4264
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 13.3 10.2 15.4





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

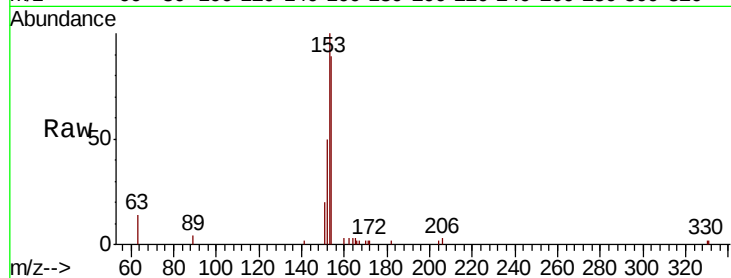
Tot Ion:154 Resp: 3049

Ion Ratio Lower Upper

154 100

153 112.1 88.9 133.3

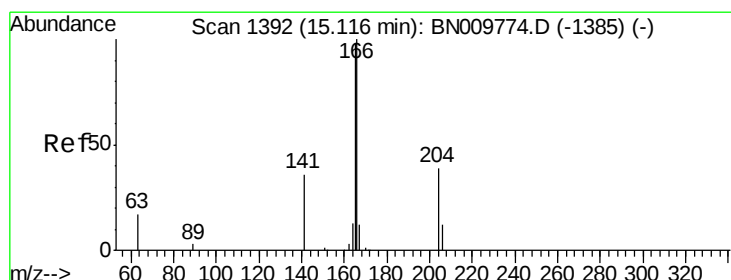
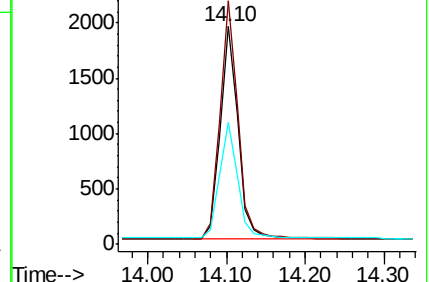
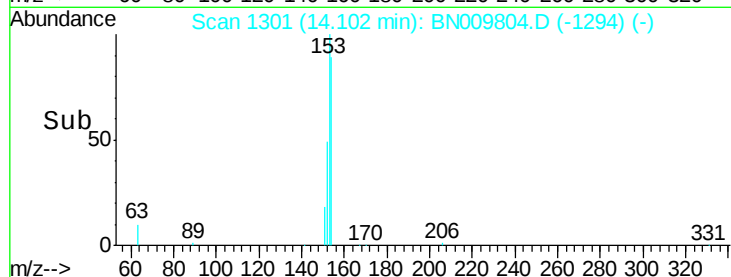
152 55.0 44.2 66.2



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: 0.373 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

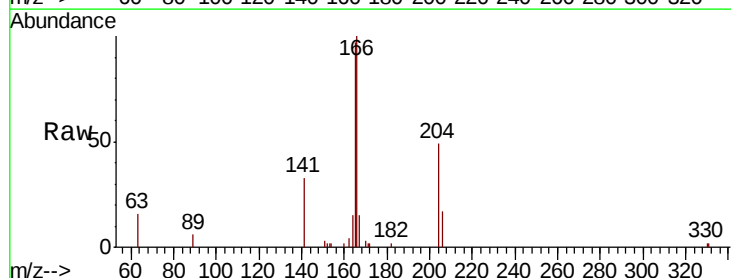
Tgt Ion:166 Resp: 3880

Ion Ratio Lower Upper

166 100

165 97.0 77.2 115.8

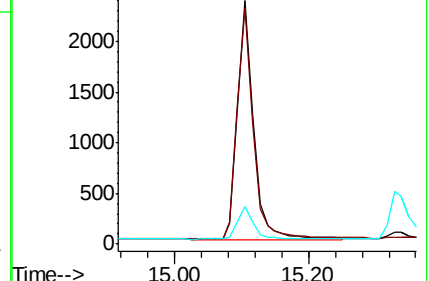
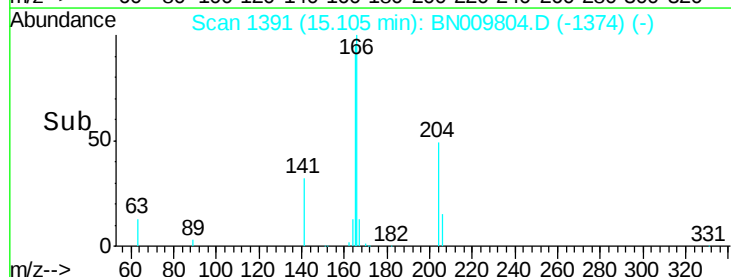
167 14.3 10.5 15.7

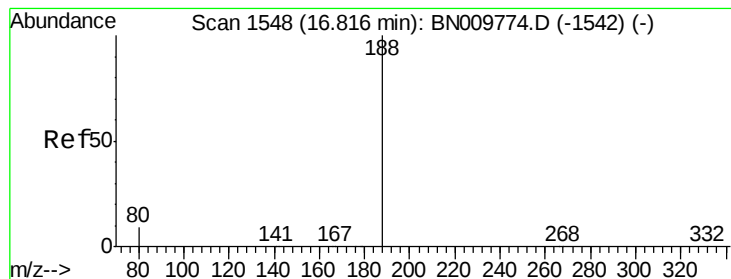


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

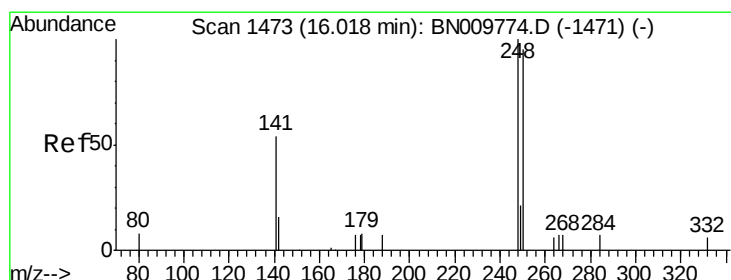
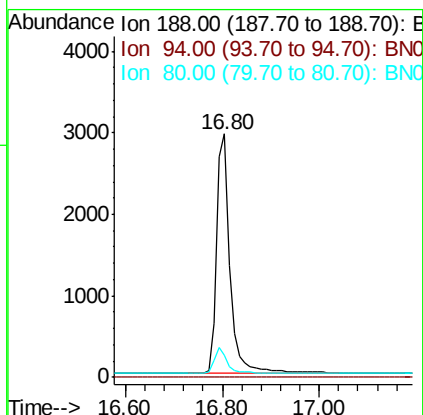
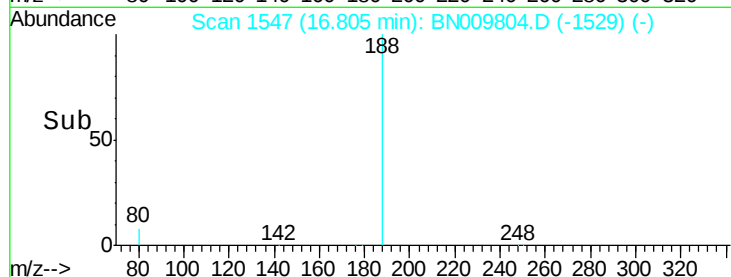
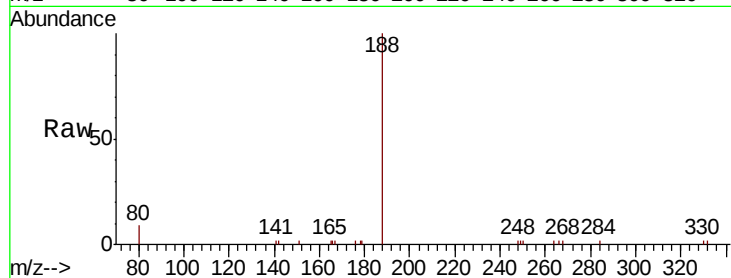
Tot Ion:188 Resp: 5715

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 8.3 12.5



#20

4-Bromophenyl-phenylether

Concen: 0.214 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

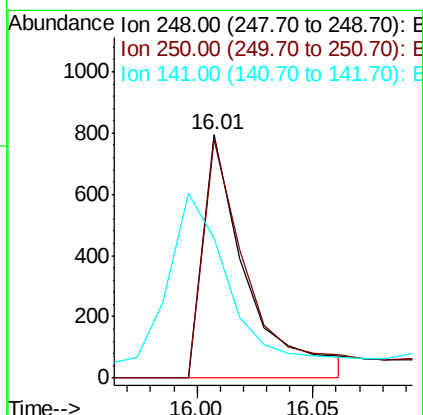
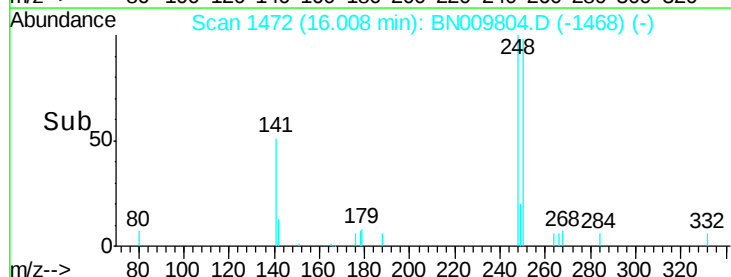
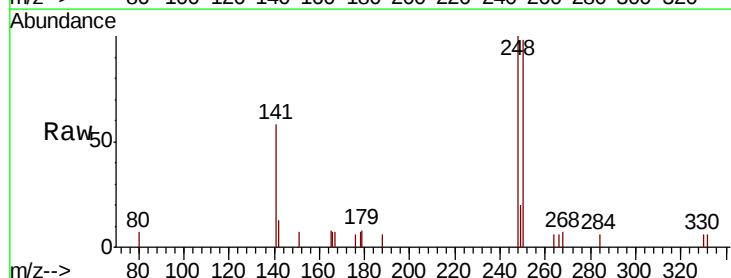
Tgt Ion:248 Resp: 1032

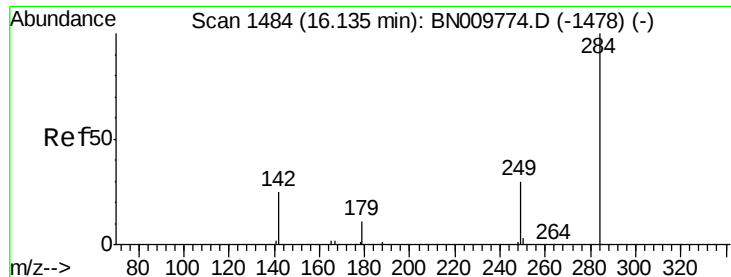
Ion Ratio Lower Upper

248 100

250 97.9 76.2 114.4

141 57.6 57.8 86.6#





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

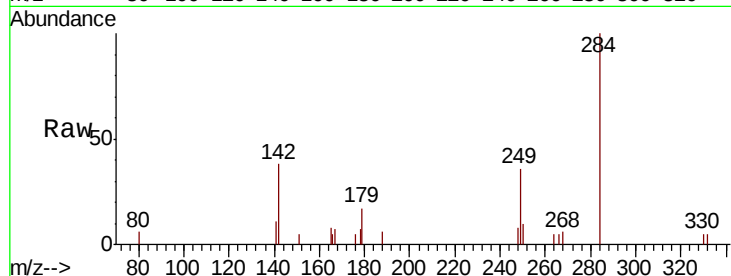
Tot Ion:284 Resp: 1436

Ion Ratio Lower Upper

284 100

142 39.3 33.3 49.9

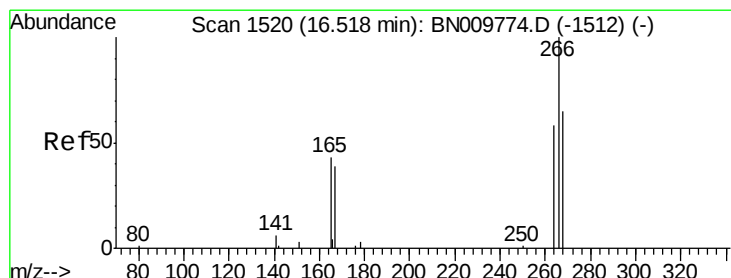
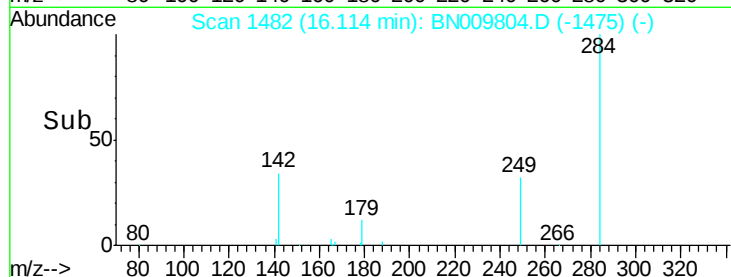
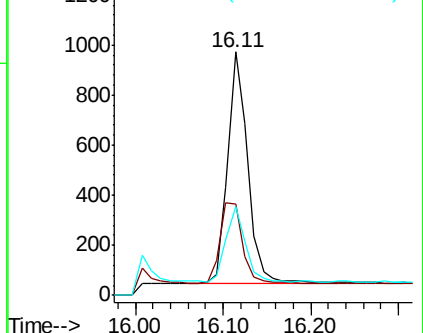
249 32.3 25.7 38.5



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: 0.432 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

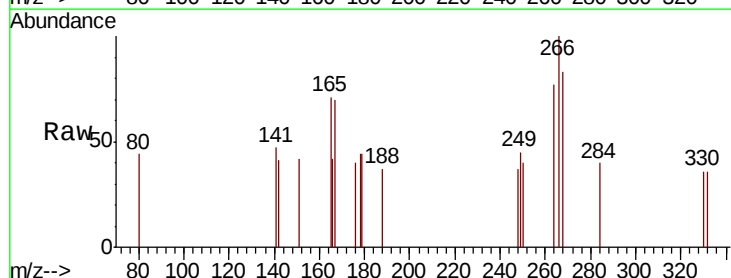
Tgt Ion:266 Resp: 302

Ion Ratio Lower Upper

266 100

264 76.6 58.1 87.1

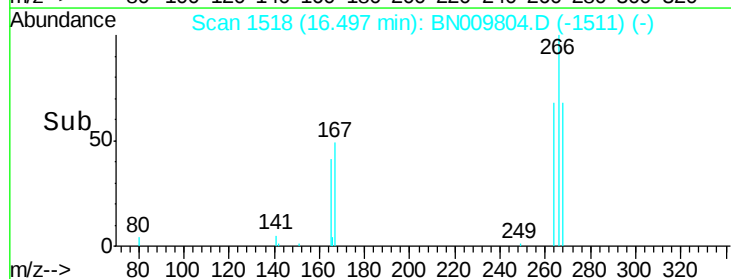
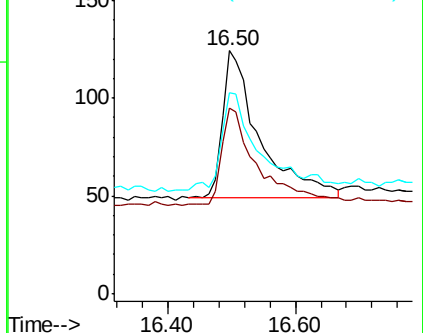
268 83.1 65.7 98.5

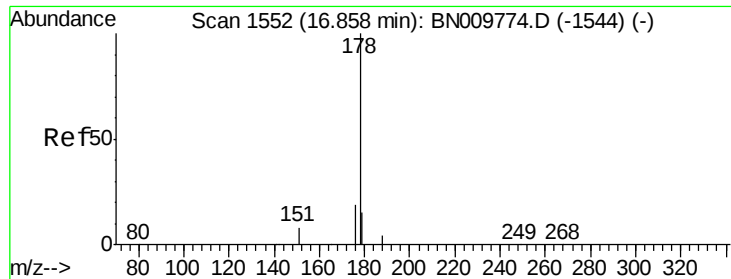


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.372 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

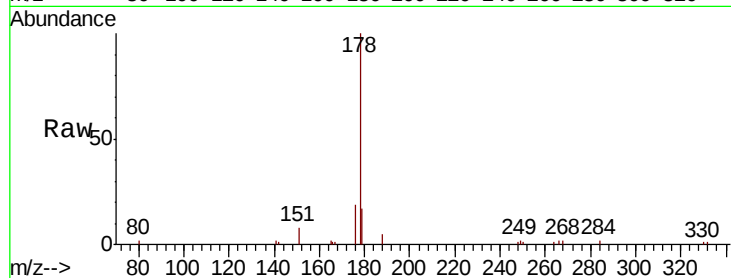
Tot Ion:178 Resp: 6329

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

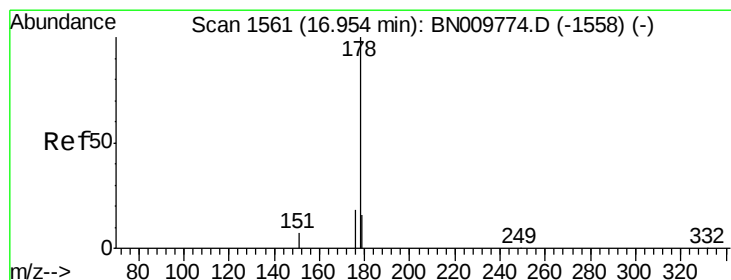
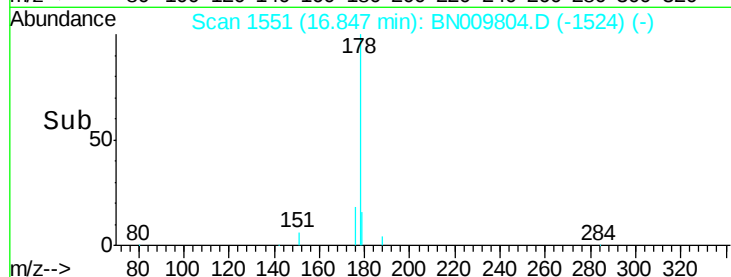
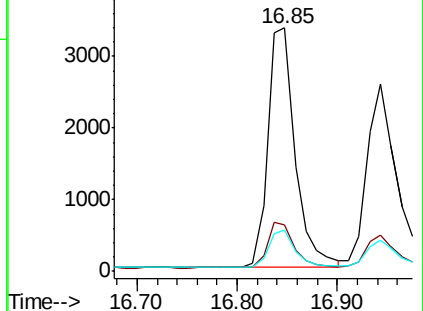
179 15.6 12.4 18.6



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: 0.371 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

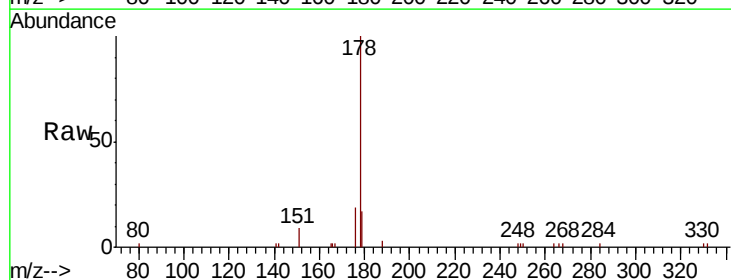
Tgt Ion:178 Resp: 5341

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

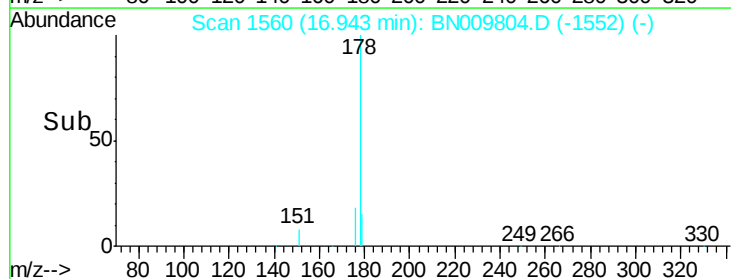
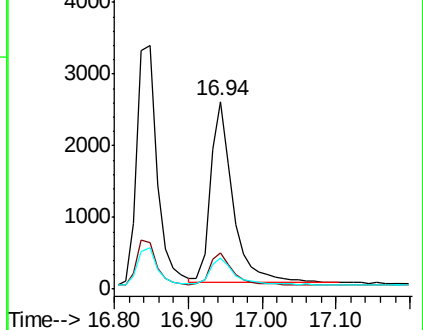
179 15.2 12.4 18.6

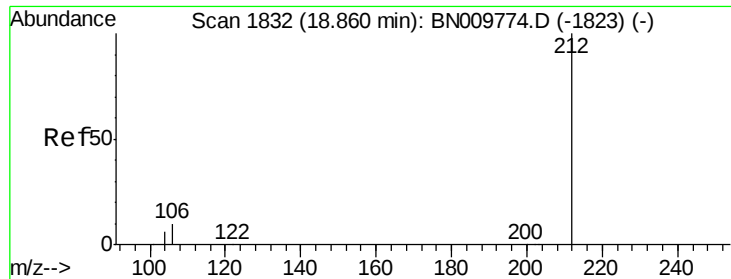


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

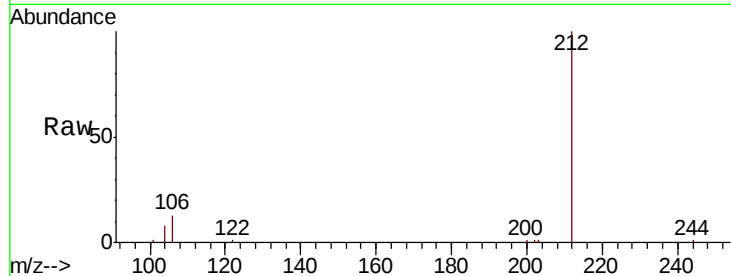
Tot Ion:212 Resp: 7318

Ion Ratio Lower Upper

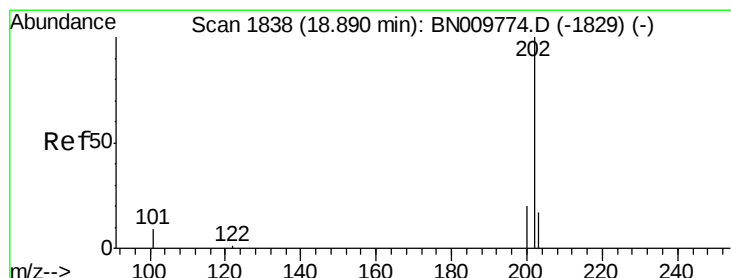
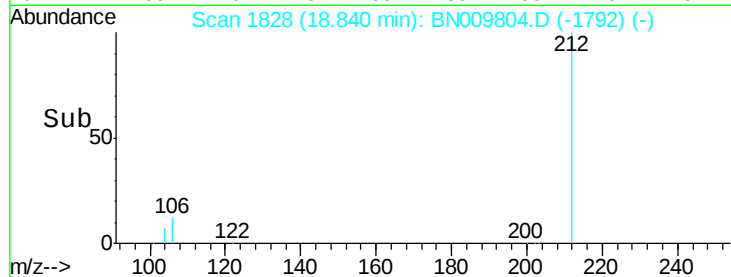
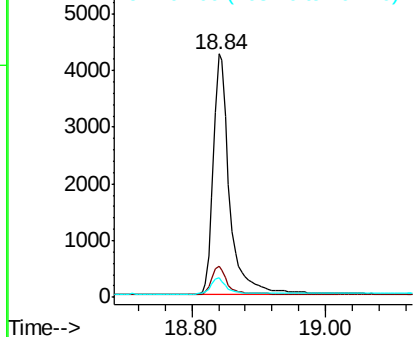
212 100

106 11.4 8.4 12.6

104 6.6 4.8 7.2



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: 0.369 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

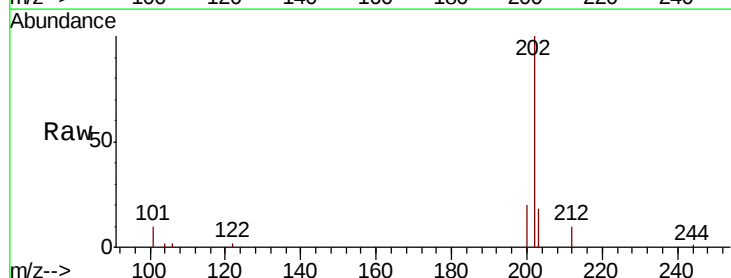
Tgt Ion:202 Resp: 7505

Ion Ratio Lower Upper

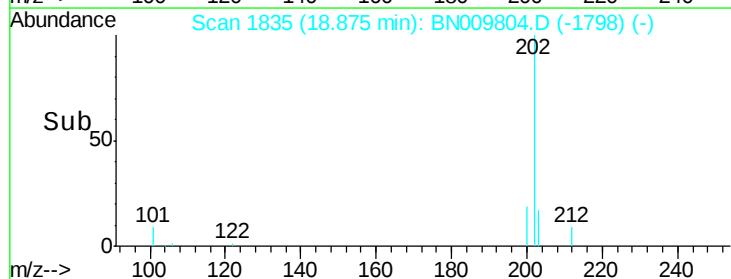
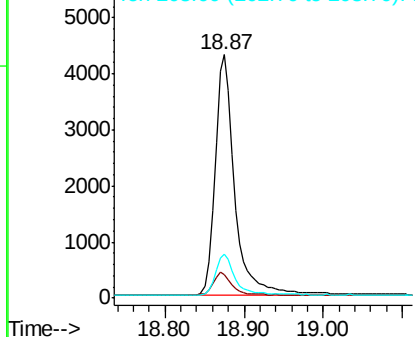
202 100

101 9.4 7.1 10.7

203 17.2 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: 21.02 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

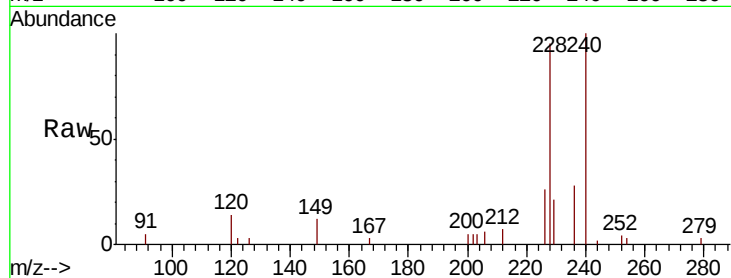
Tot Ion:240 Resp: 5048

Ion Ratio Lower Upper

240 100

120 14.2 7.9 11.9#

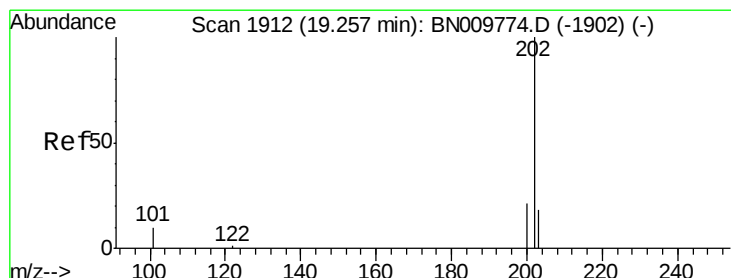
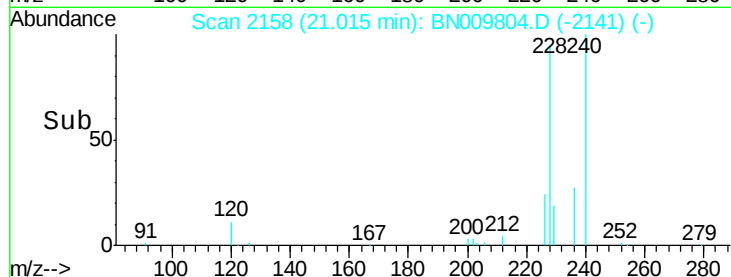
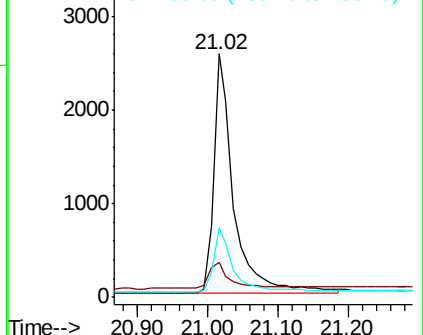
236 28.5 22.0 33.0



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: 0.403 ng

RT: 19.24 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

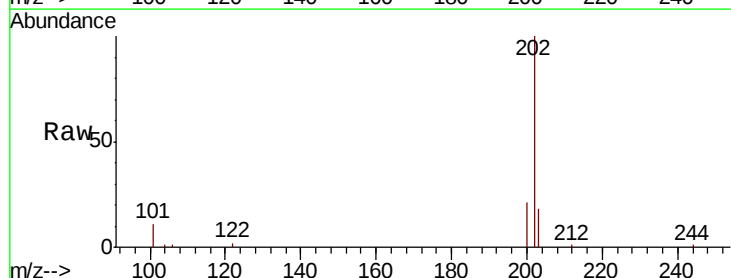
Tgt Ion:202 Resp: 7725

Ion Ratio Lower Upper

202 100

200 19.9 16.4 24.6

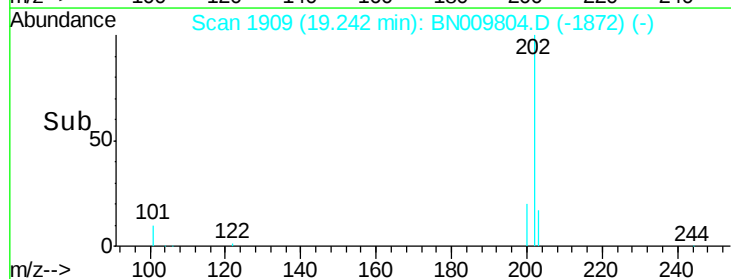
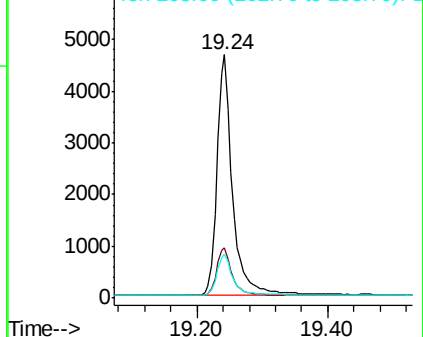
203 17.1 13.9 20.9

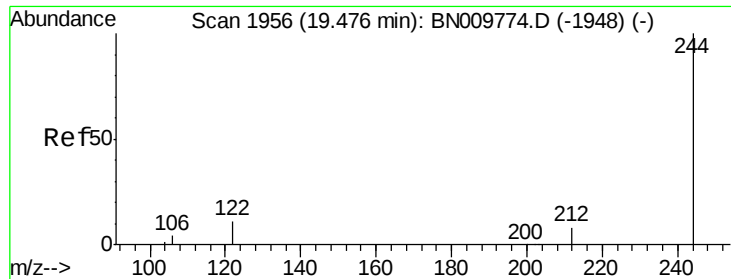


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

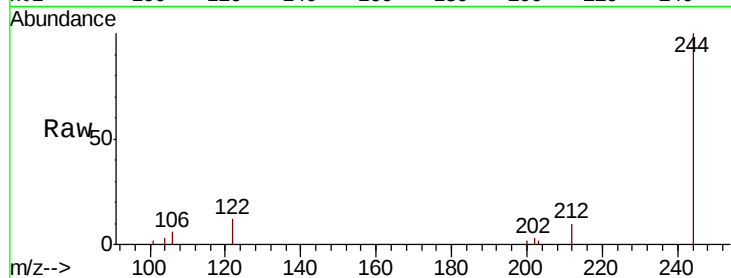
Tot Ion:244 Resp: 4594

Ion Ratio Lower Upper

244 100

212 9.9 8.0 12.0

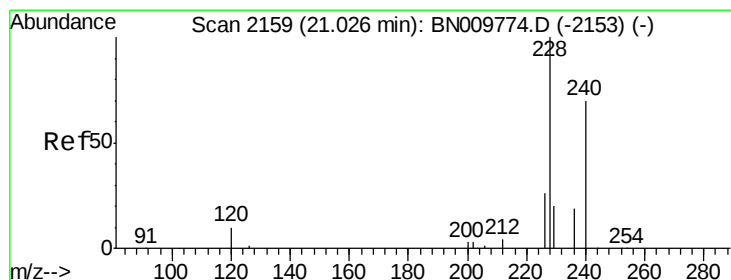
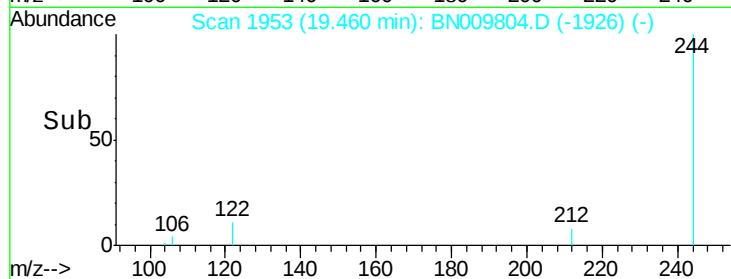
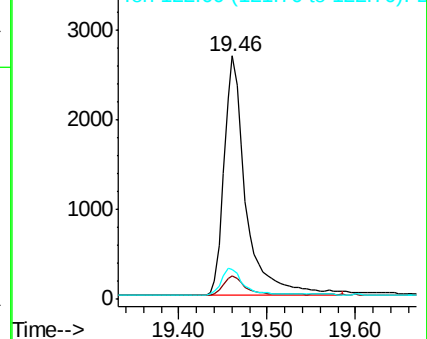
122 12.2 10.0 15.0



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: 0.372 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

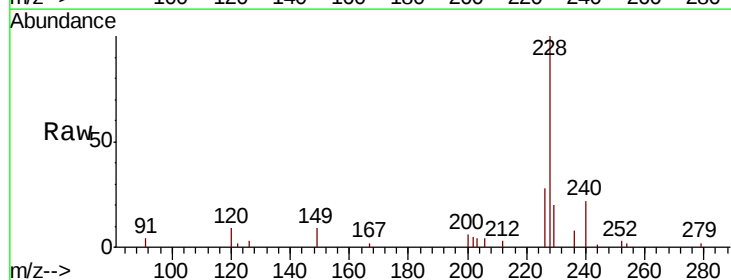
Tgt Ion:228 Resp: 6228

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

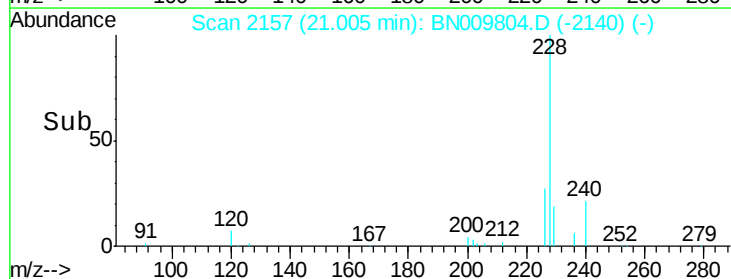
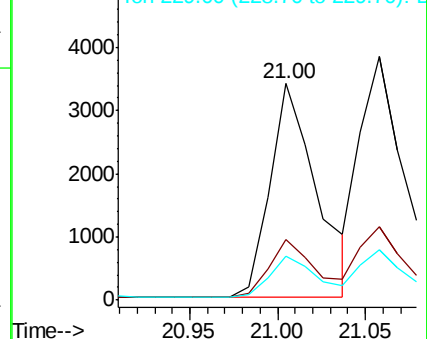
229 20.2 17.1 25.7

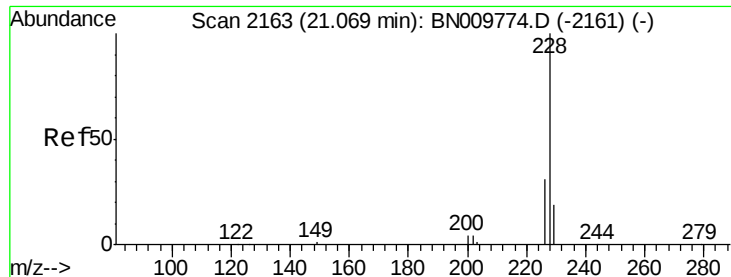


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.363 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

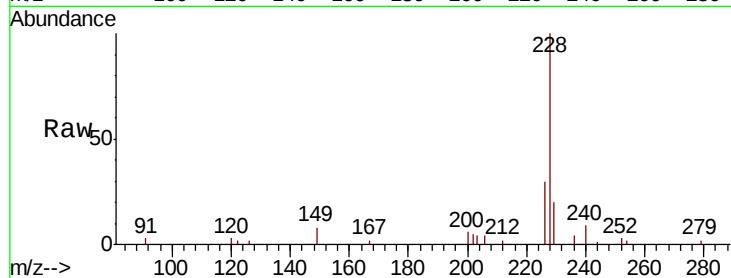
Tot Ion:228 Resp: 7033

Ion Ratio Lower Upper

228 100

226 29.9 24.8 37.2

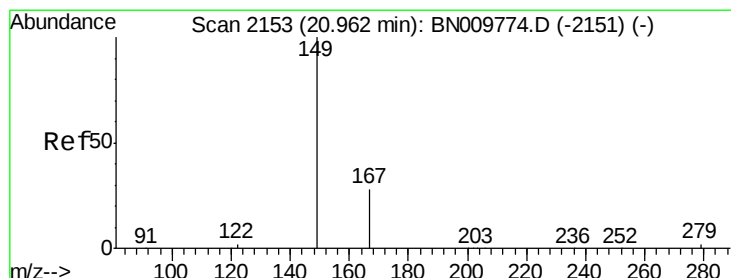
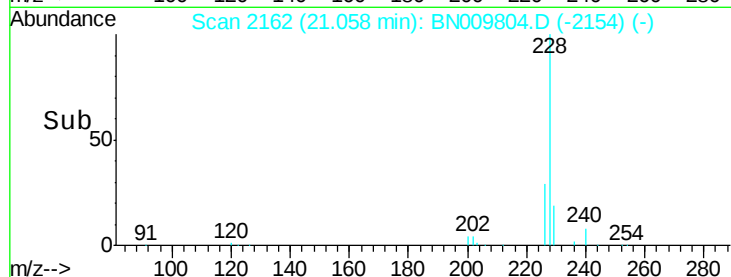
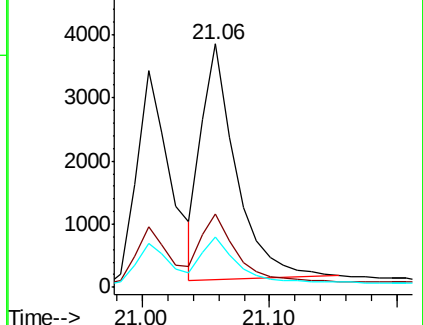
229 20.4 16.4 24.6



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: 0.436 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

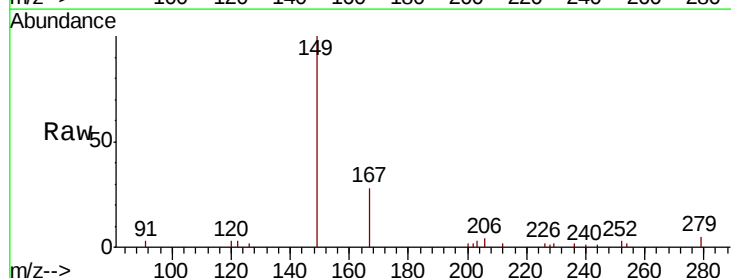
Tgt Ion:149 Resp: 3564

Ion Ratio Lower Upper

149 100

167 27.3 22.7 34.1

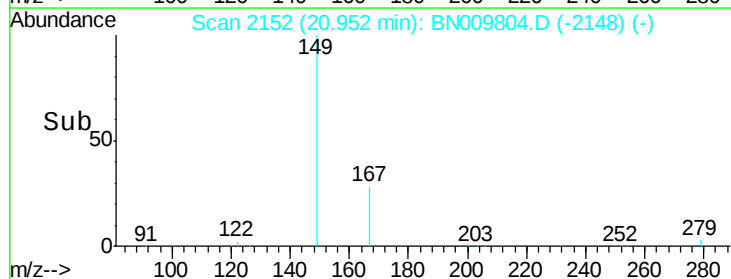
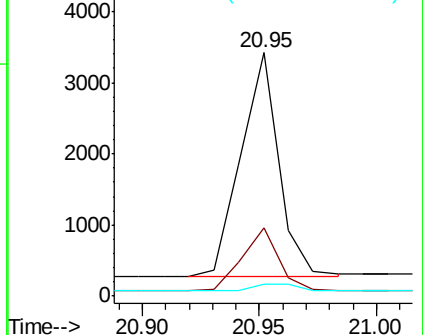
279 4.0 3.1 4.7

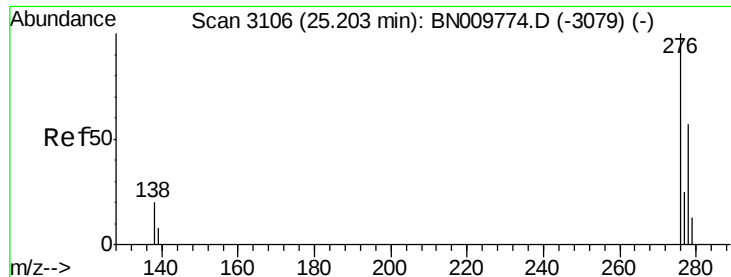


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.390 ng

RT: 25.17 min Scan# 3097

Delta R.T. -0.03 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

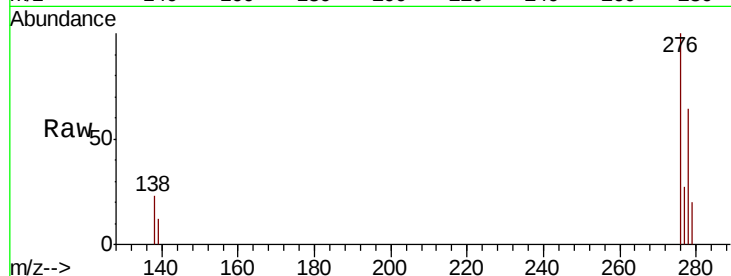
Tot Ion:276 Resp: 7878

Ion Ratio Lower Upper

276 100

138 19.3 15.8 23.6

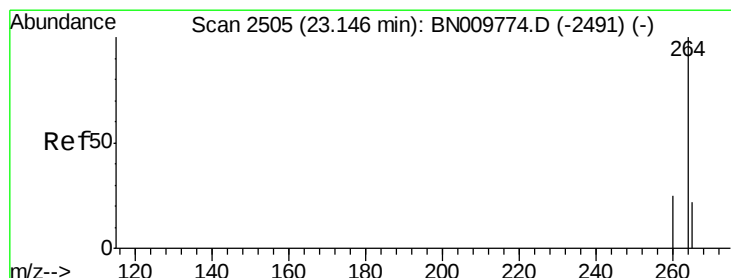
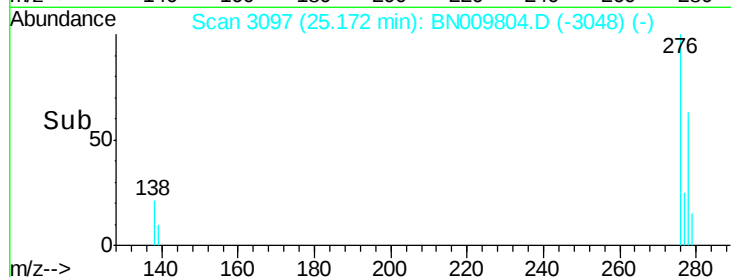
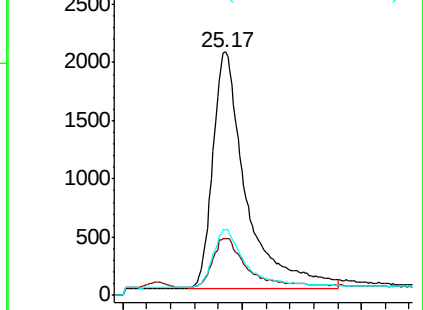
277 22.0 19.3 28.9



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: 23.12 min Scan# 2498

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

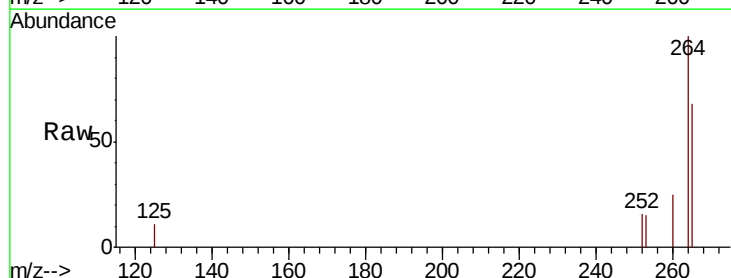
Tgt Ion:264 Resp: 5382

Ion Ratio Lower Upper

264 100

260 25.4 21.1 31.7

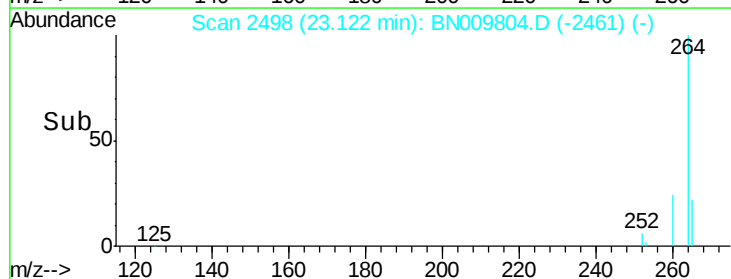
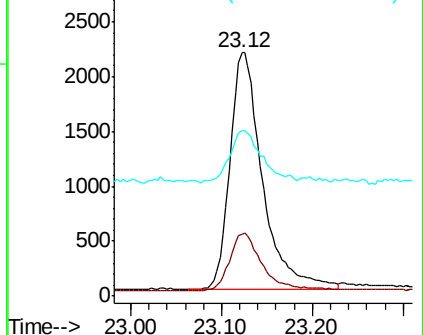
265 67.8 57.5 86.3



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

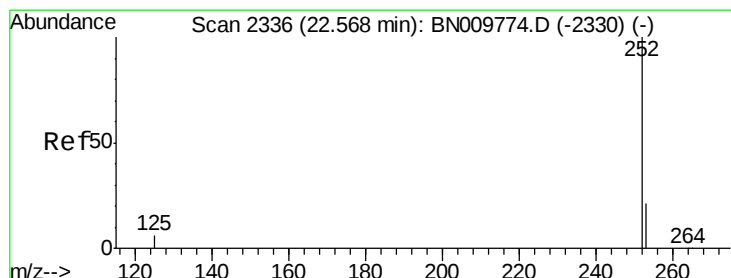
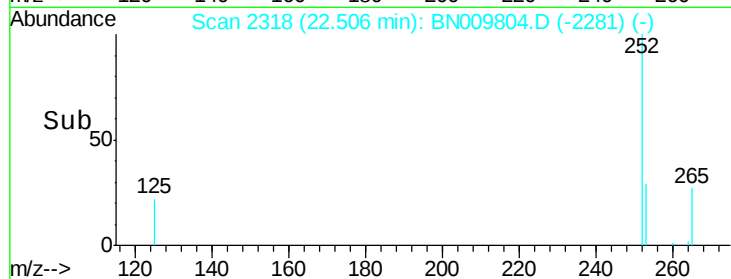
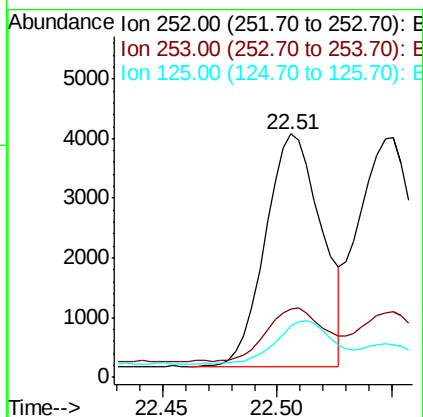
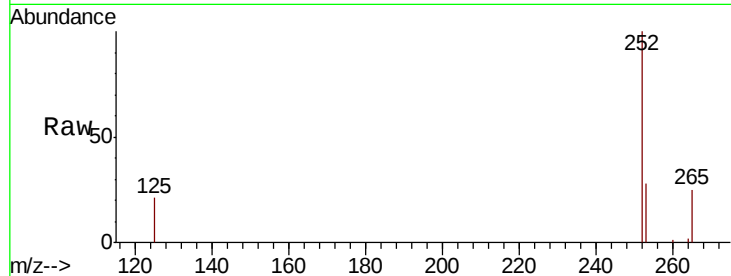




#35
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

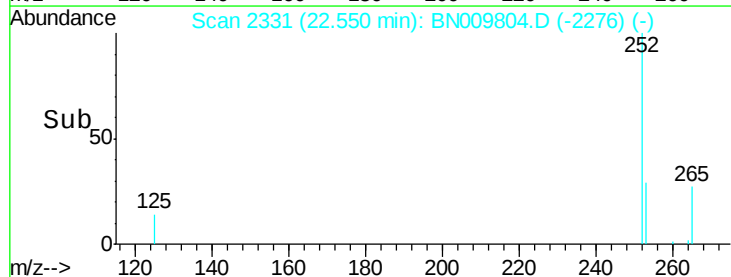
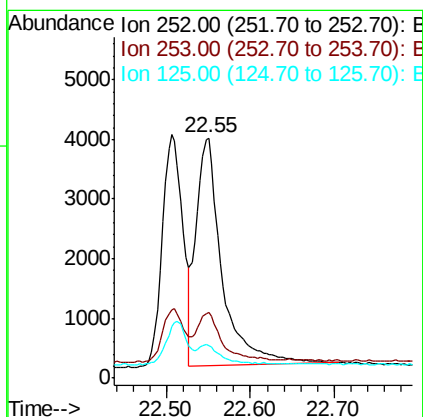
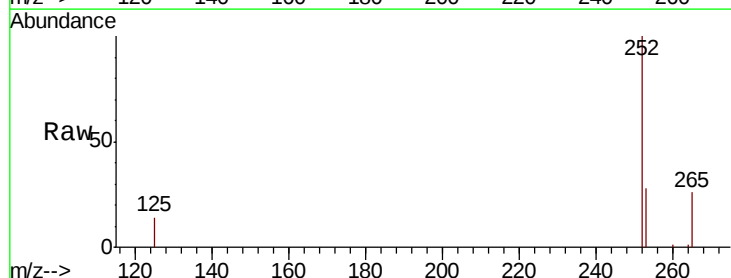
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

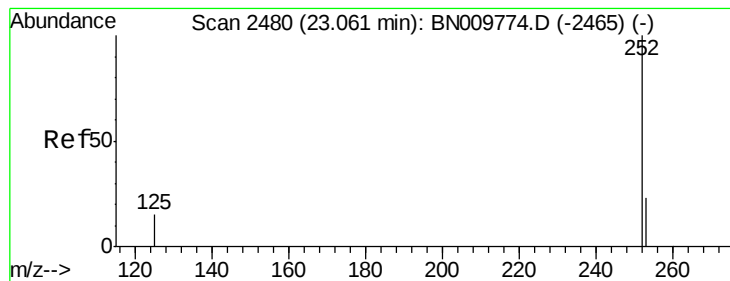
Tot Ion:252 Resp: 6654
Ion Ratio Lower Upper
252 100
253 27.8 23.0 34.6
125 21.0 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 22.55 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:252 Resp: 8278
Ion Ratio Lower Upper
252 100
253 27.6 22.2 33.2
125 13.6 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

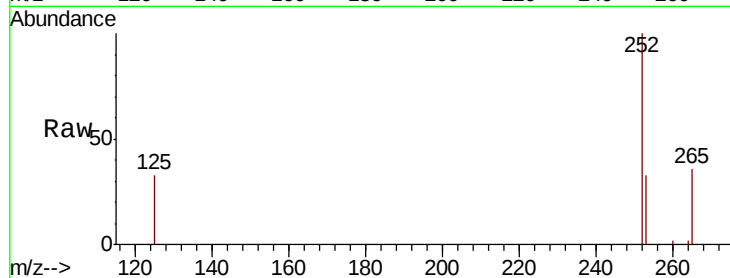
Tot Ion:252 Resp: 6755

Ion Ratio Lower Upper

252 100

253 32.7 25.3 37.9

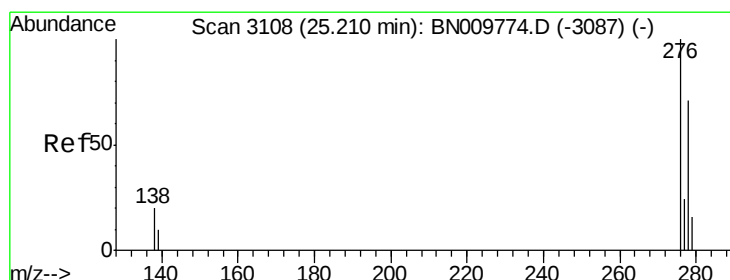
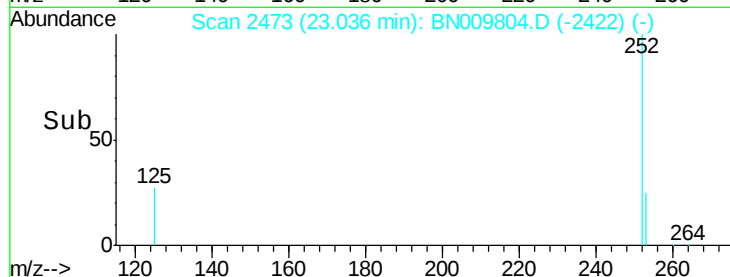
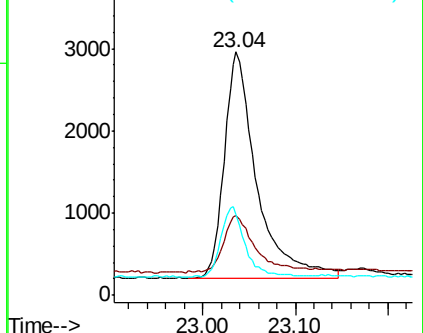
125 33.1 17.7 26.5#



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: 0.347 ng

RT: 25.18 min Scan# 3100

Delta R.T. -0.03 min

Lab File: BN009804.D

Acq: 21 Feb 2020 12:36

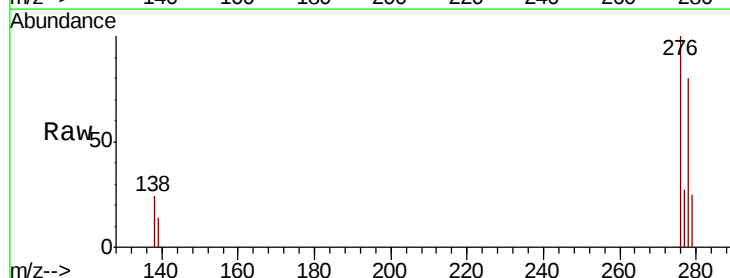
Tgt Ion:278 Resp: 6134

Ion Ratio Lower Upper

278 100

139 17.8 14.5 21.7

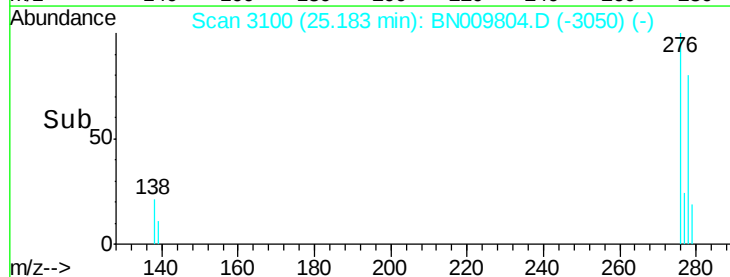
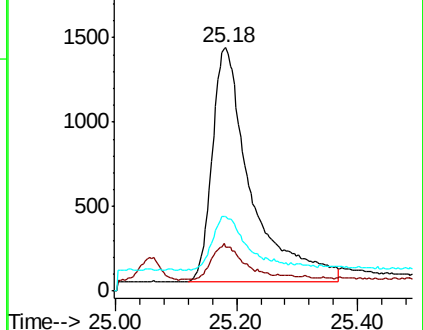
279 30.8 24.3 36.5



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: 0.371 ng

RT: 25.80 min Scan# 3279

Delta R.T. -0.03 min

Lab File: BN009804.D

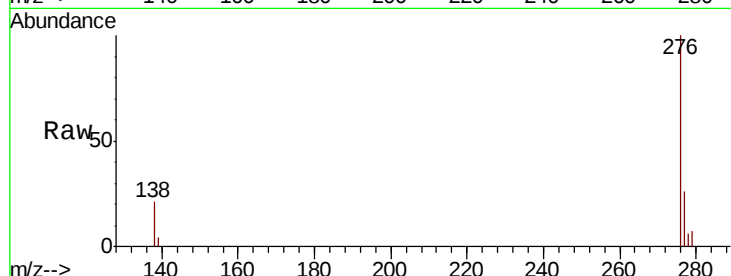
Acq: 21 Feb 2020 12:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



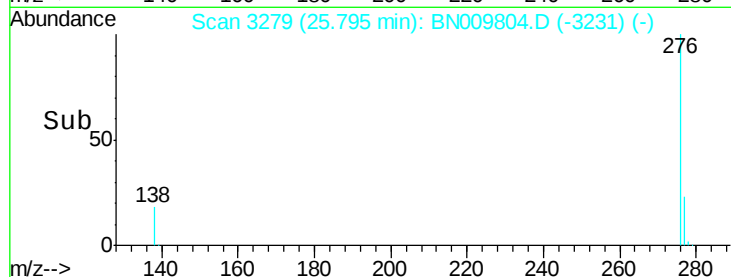
Tot Ion: 276 Resp: 6992

Ion Ratio Lower Upper

276 100

277 25.9 21.4 32.0

138 21.1 16.6 24.8



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

