

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009788.D
 Acq On : 20 Feb 2020 20:13
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Feb 21 02:50:28 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	7.41	152	1489	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	4968	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	3031	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	6307	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	5798	0.40	ng	-0.01
34) Perylene-d12	23.13	264	5657	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1461	0.44	ng	-0.02
5) Phenol-d6	6.62	99	1746	0.43	ng	-0.02
8) Nitrobenzene-d5	8.57	82	1754	0.42	ng	-0.03
11) 2-Methylnaphthalene-d10	11.76	152	3731	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	471	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	4545	0.40	ng	-0.02
25) Fluoranthene-d10	18.85	212	7685	0.35	ng	0.00
29) Terphenyl-d14	19.46	244	10325	0.75	ng	-0.01

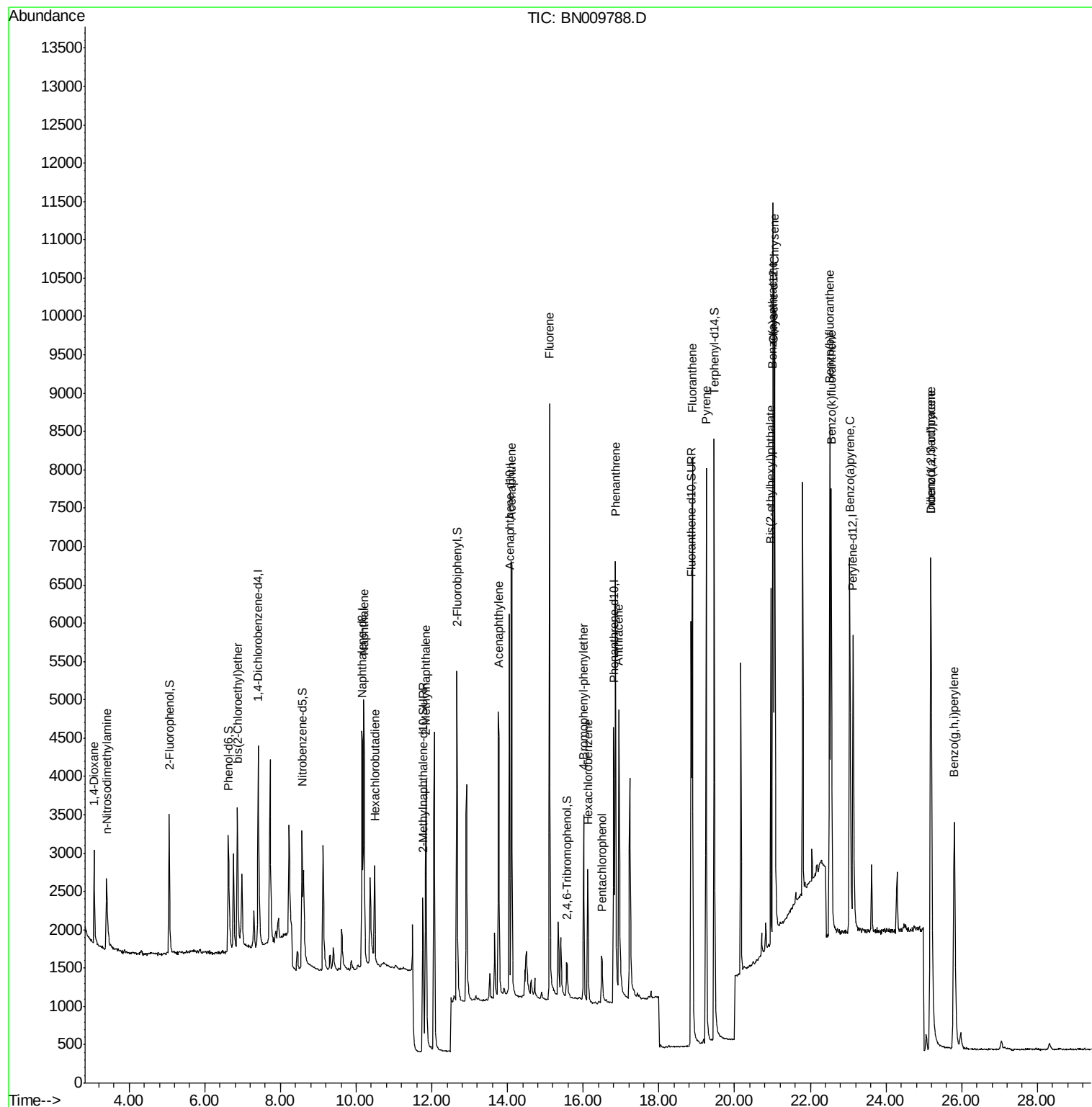
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	627	0.411	ng	95
3) n-Nitrosodimethylamine	3.40	42	1147	0.458	ng	# 86
6) bis(2-Chloroethyl)ether	6.86	93	1558	0.398	ng	89
9) Naphthalene	10.20	128	5267	0.389	ng	98
10) Hexachlorobutadiene	10.49	225	1151	0.386	ng	# 97
12) 2-Methylnaphthalene	11.84	142	3614	0.389	ng	98
16) Acenaphthylene	13.76	152	4831	0.374	ng	99
17) Acenaphthene	14.11	154	3446	0.379	ng	99
18) Fluorene	15.11	166	4294	0.358	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1261	0.253	ng	97
21) Hexachlorobenzene	16.12	284	1569	0.400	ng	98
22) Pentachlorophenol	16.49	266	478	0.542	ng	92
23) Phenanthrene	16.85	178	6787	0.362	ng	99
24) Anthracene	16.94	178	5834	0.368	ng	99
26) Fluoranthene	18.88	202	8115	0.361	ng	99
28) Pyrene	19.25	202	8249	0.375	ng	99
30) Benzo(a)anthracene	21.00	228	7118	0.370	ng	98
31) Chrysene	21.06	228	7995	0.359	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	3955	0.421	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	8375	0.361	ng	98
35) Benzo(b)fluoranthene	22.51	252	7683	0.372	ng	98
36) Benzo(k)fluoranthene	22.55	252	8030	0.357	ng	99
37) Benzo(a)pyrene	23.04	252	7455	0.395	ng	# 92
38) Dibenzo(a,h)anthracene	25.19	278	6711	0.361	ng	98
39) Benzo(g,h,i)perylene	25.81	276	7105	0.359	ng	98

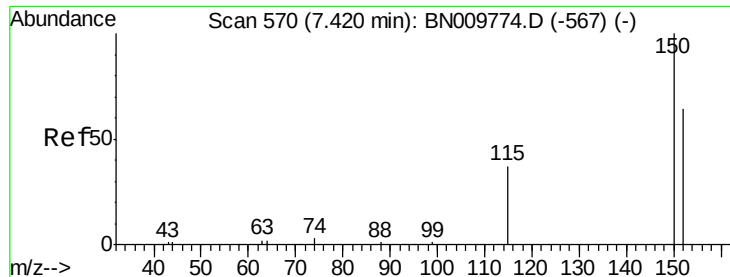
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

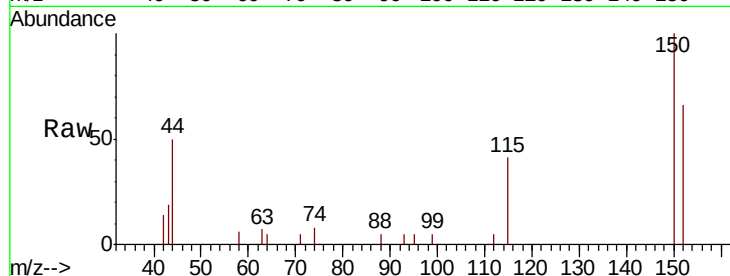
Tot Ion:152 Resp: 1489

Ion Ratio Lower Upper

152 100

150 152.4 120.6 181.0

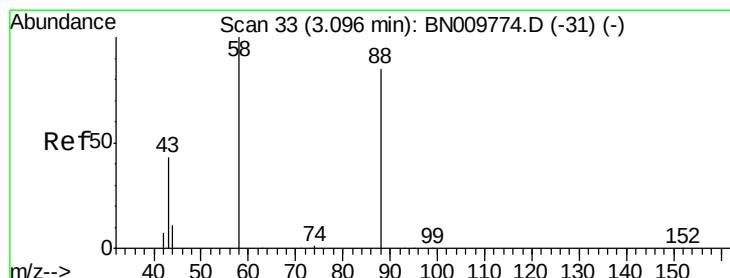
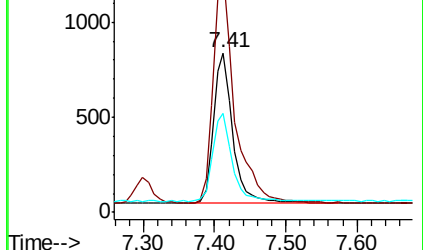
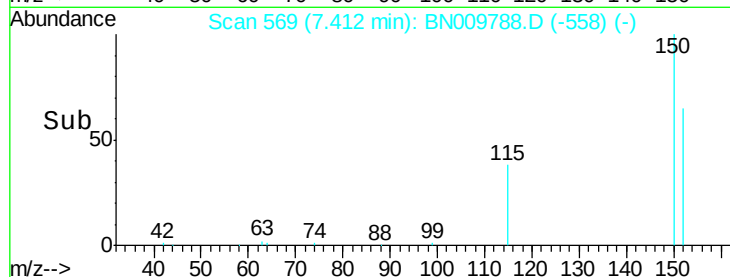
115 62.0 51.2 76.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.411 ng

RT: 3.08 min Scan# 31

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

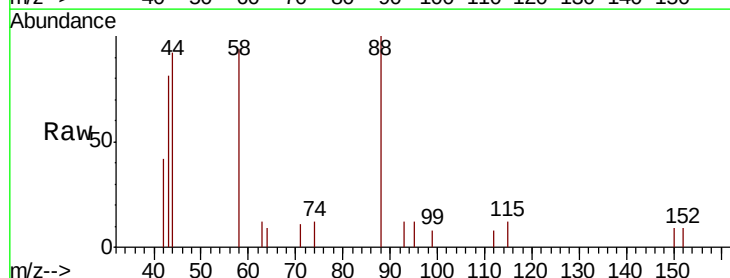
Tgt Ion: 88 Resp: 627

Ion Ratio Lower Upper

88 100

58 117.1 97.8 146.8

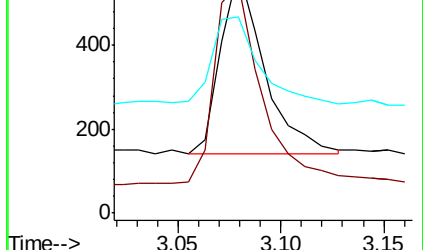
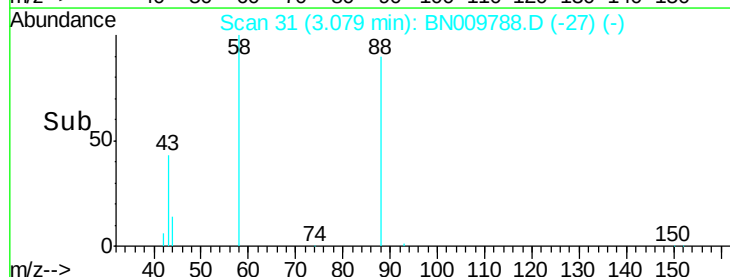
43 52.6 45.1 67.7

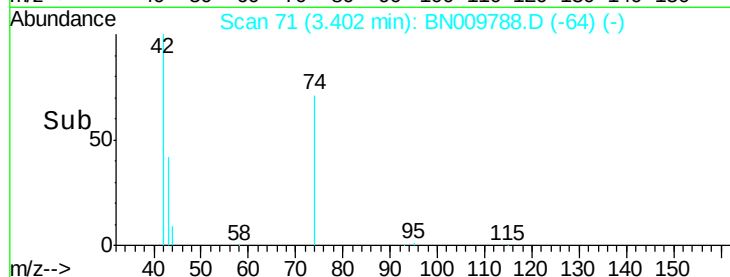
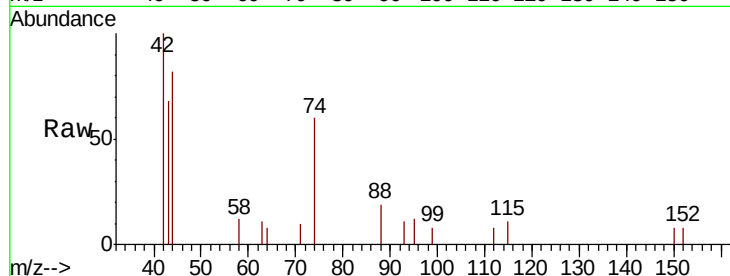
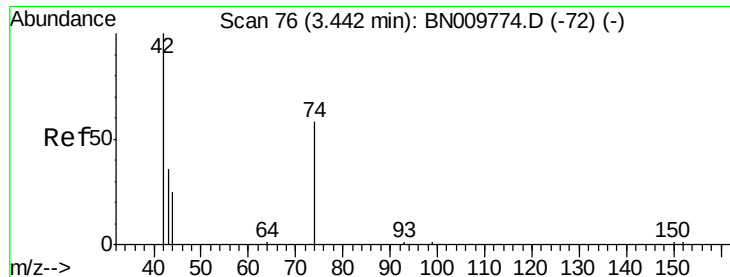


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

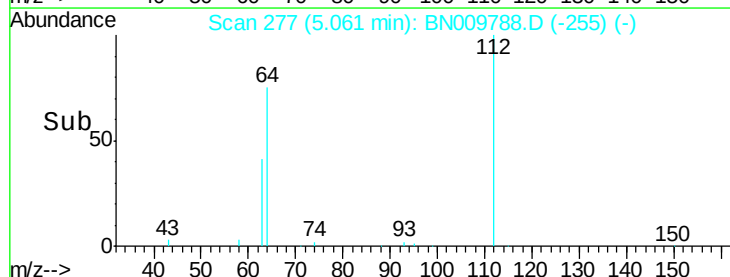
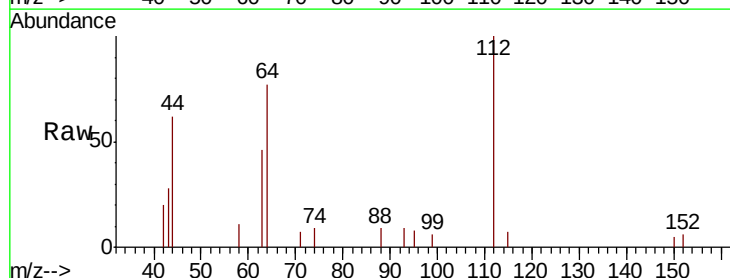
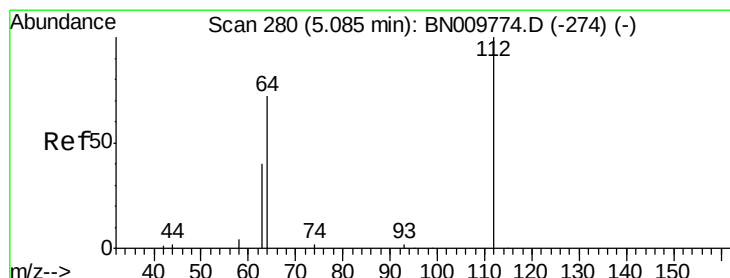
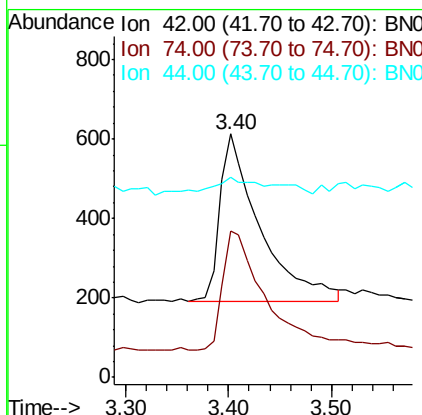




#3
n-Nitrosodimethylamine
Concen: 0.458 ng
RT: 3.40 min Scan# 71
Delta R.T. -0.04 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

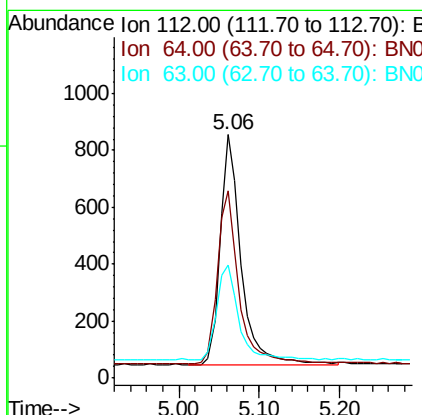
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

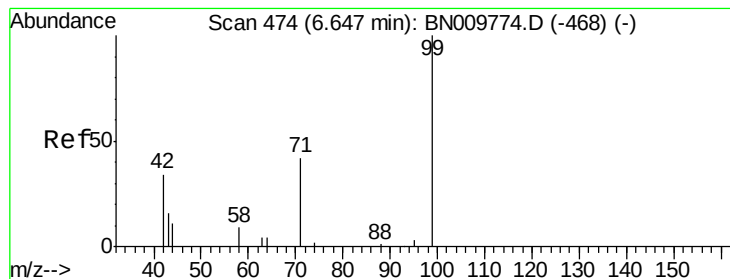
Tot Ion: 42 Resp: 1147
Ion Ratio Lower Upper
42 100
74 75.2 51.2 76.8
44 7.6 2.6 4.0#



#4
2-Fluorophenol
Concen: 0.441 ng
RT: 5.06 min Scan# 277
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion: 112 Resp: 1461
Ion Ratio Lower Upper
112 100
64 77.1 65.8 98.6
63 42.6 38.7 58.1





#5

Phenol-d6

Concen: 0.433 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

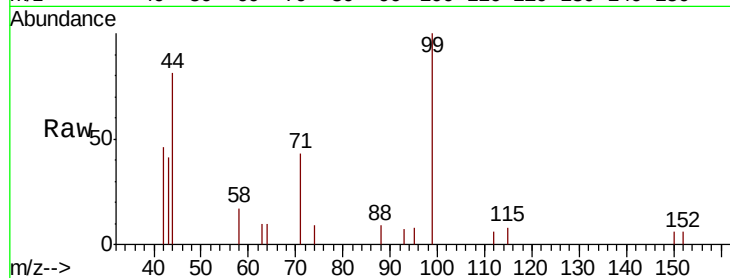
Tot Ion: 99 Resp: 1746

Ion Ratio Lower Upper

99 100

42 33.2 30.8 46.2

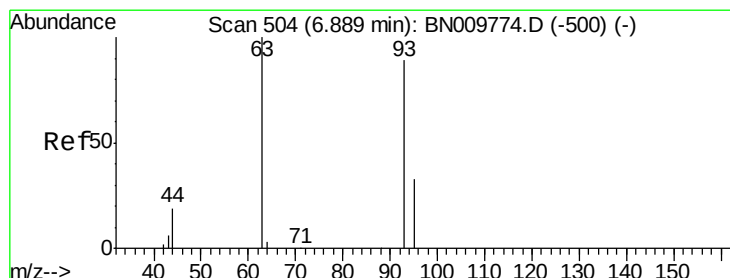
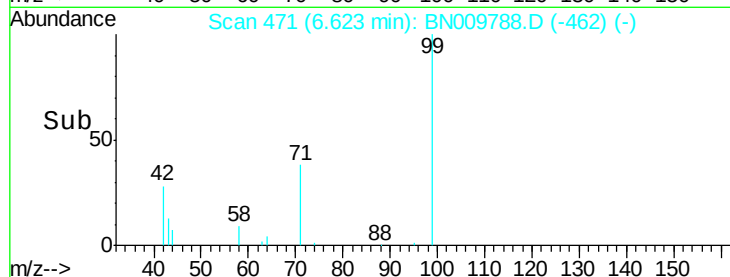
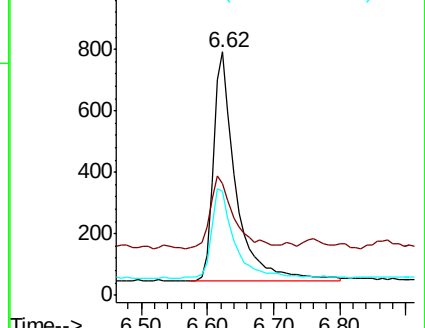
71 40.1 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

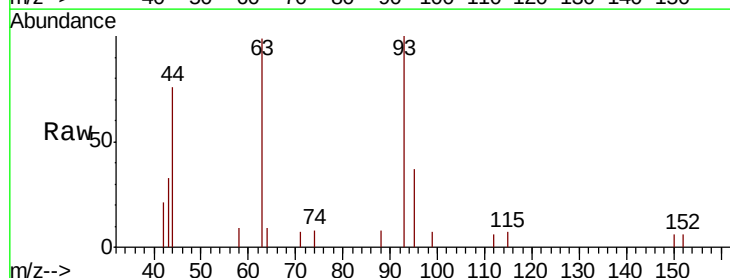
Tgt Ion: 93 Resp: 1558

Ion Ratio Lower Upper

93 100

63 105.8 74.0 111.0

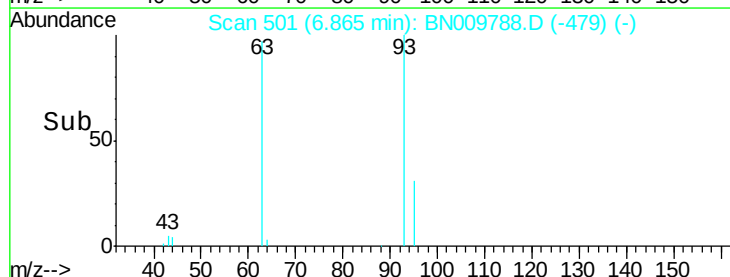
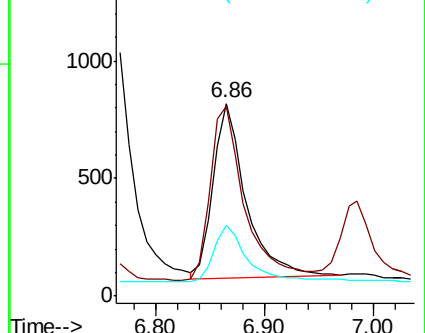
95 34.0 26.7 40.1

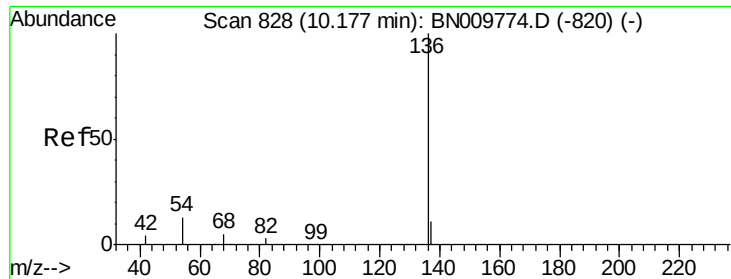


Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4968

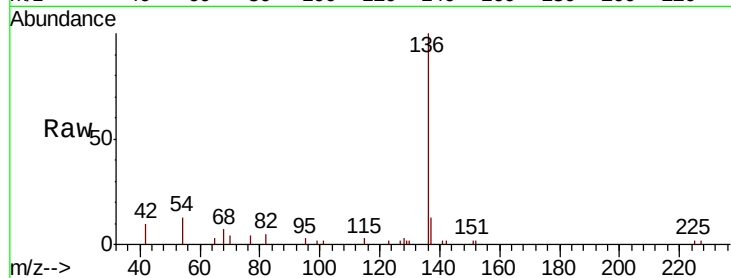
Ion Ratio Lower Upper

136 100

137 12.9 11.3 16.9

54 12.9 13.4 20.2#

68 7.3 7.0 10.4

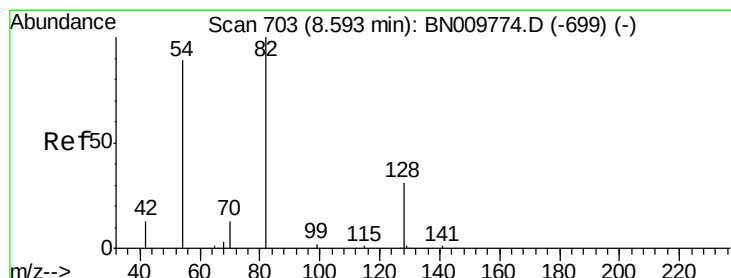
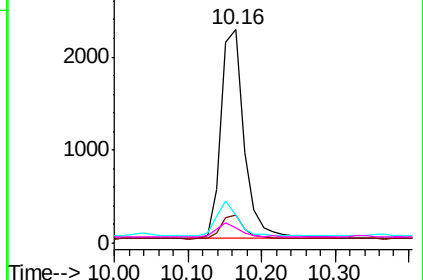
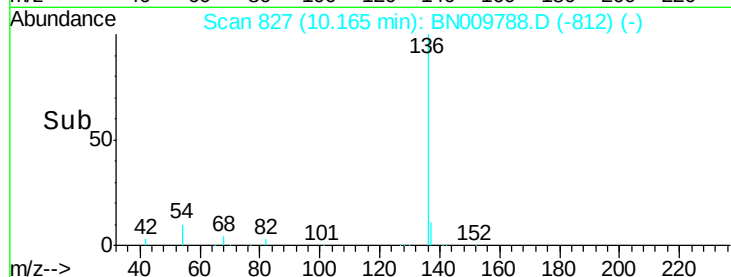


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.424 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

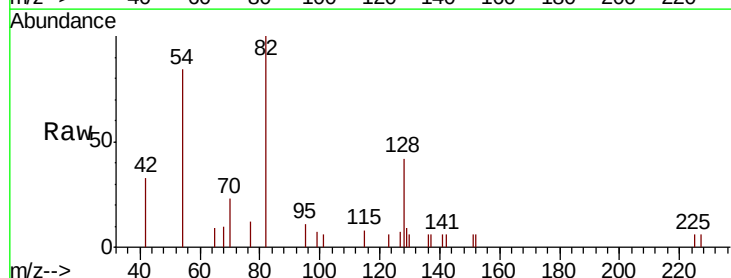
Tgt Ion: 82 Resp: 1754

Ion Ratio Lower Upper

82 100

128 42.0 32.5 48.7

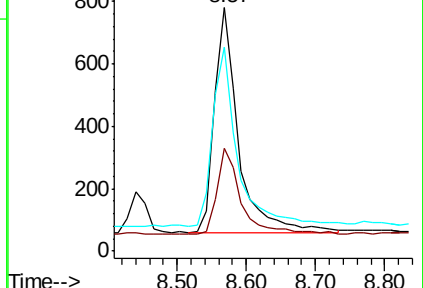
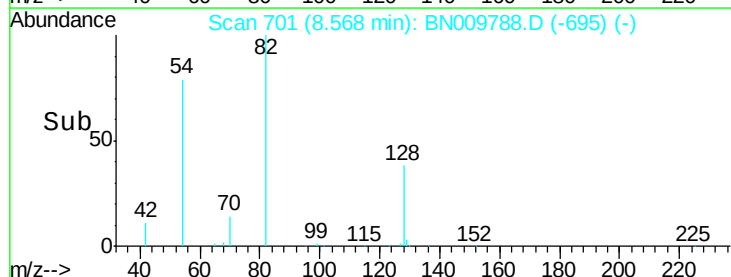
54 84.0 73.5 110.3

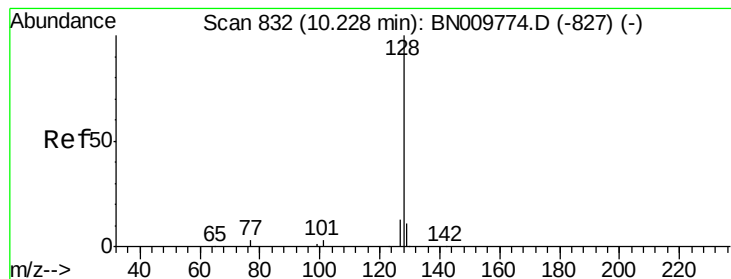


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.389 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

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ClientSampleId :

SSTDCCC0.4

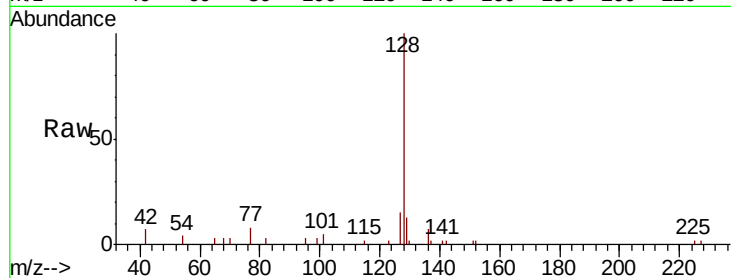
Tot Ion:128 Resp: 5267

Ion Ratio Lower Upper

128 100

129 12.9 11.1 16.7

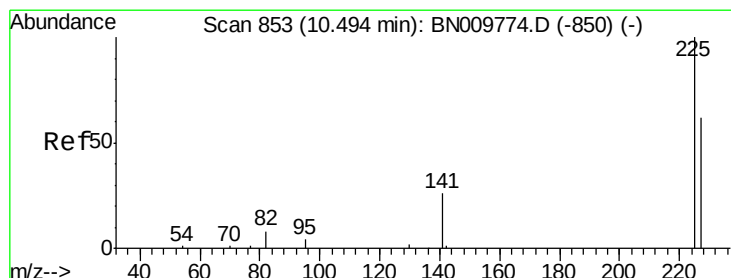
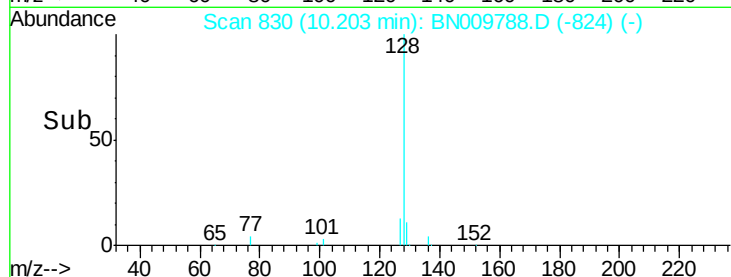
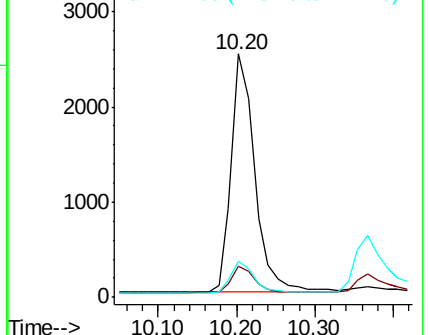
127 14.9 12.6 19.0



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: 0.386 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

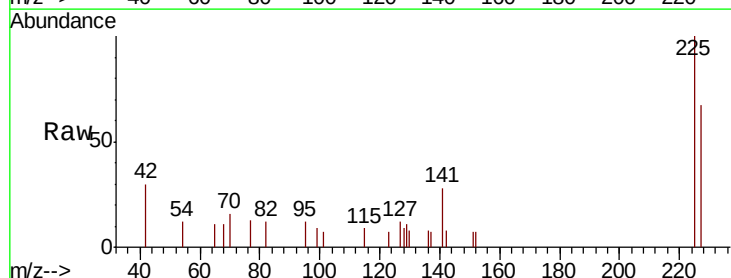
Tgt Ion:225 Resp: 1151

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

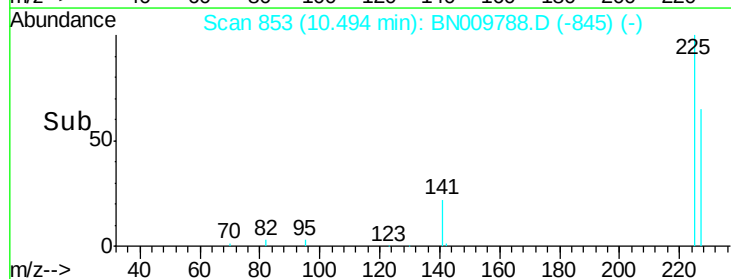
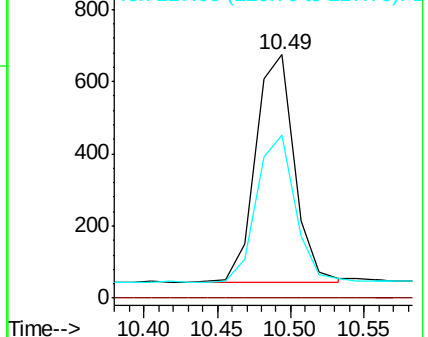
227 64.3 53.4 80.2

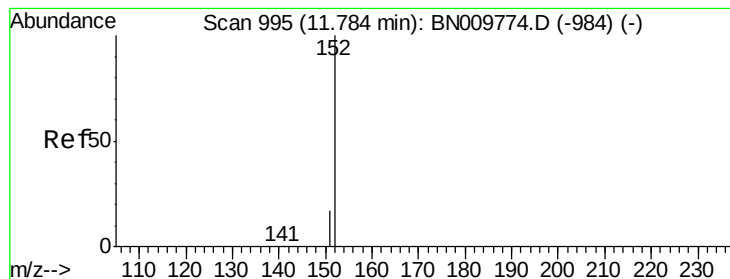


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

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ClientSampleId :

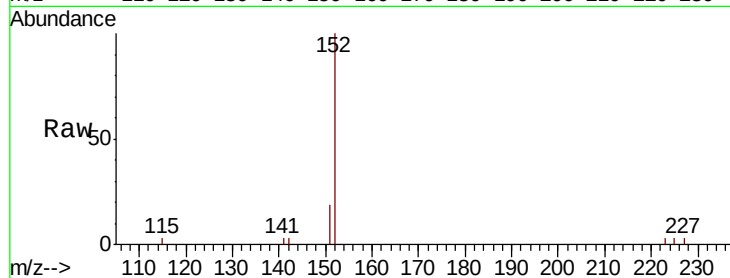
SSTDCCC0.4

Tot Ion:152 Resp: 3731

Ion Ratio Lower Upper

152 100

151 18.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

2000

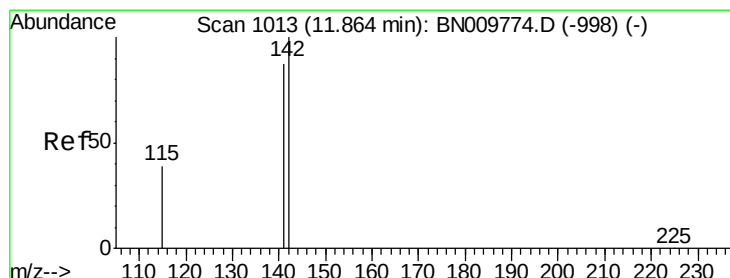
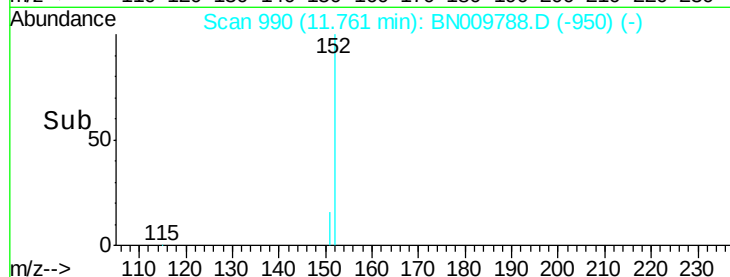
1500

1000

500

0

Time--> 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

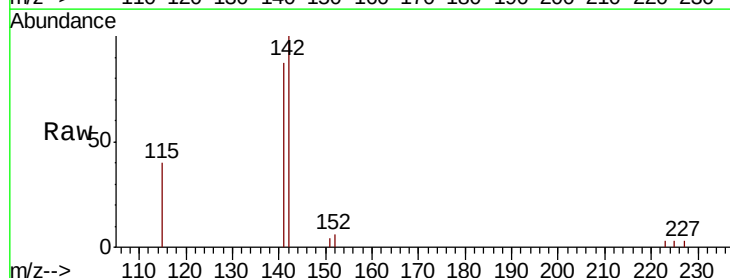
Tgt Ion:142 Resp: 3614

Ion Ratio Lower Upper

142 100

141 86.8 69.8 104.6

115 40.4 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

2500

2000

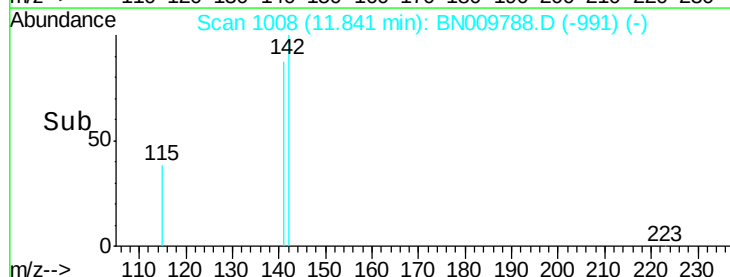
1500

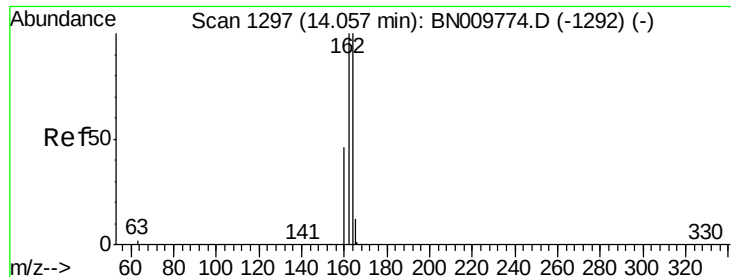
1000

500

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

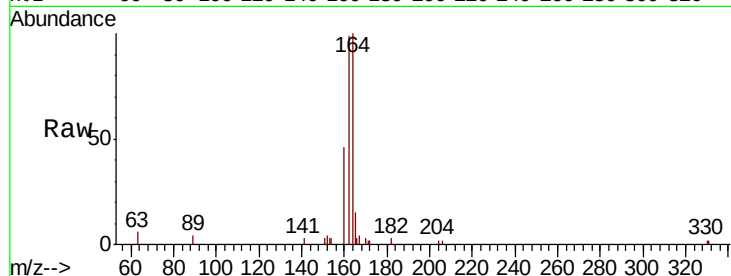
Tot Ion:164 Resp: 3031

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

160 46.0 38.2 57.2



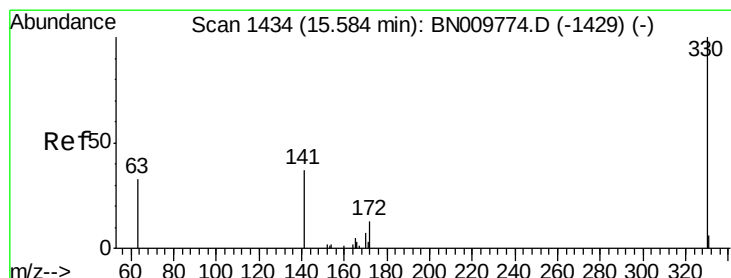
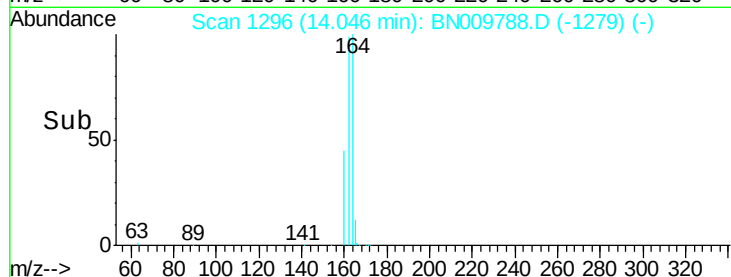
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.05

Time--> 13.90 14.00 14.10 14.20



#14

2,4,6-Tribromophenol

Concen: 0.403 ng

RT: 15.57 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

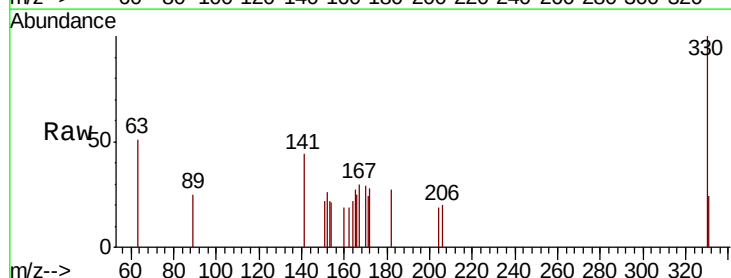
Tgt Ion:330 Resp: 471

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 39.9 36.8 55.2



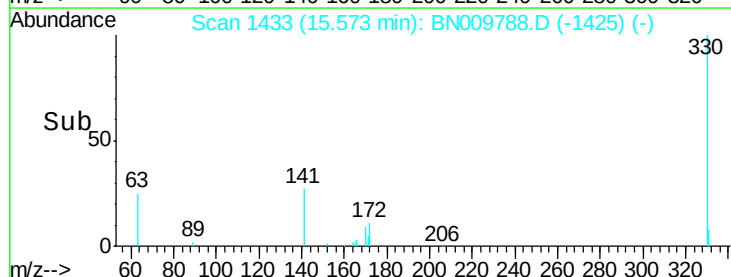
Abundance Ion 330.00 (329.70 to 330.70): E

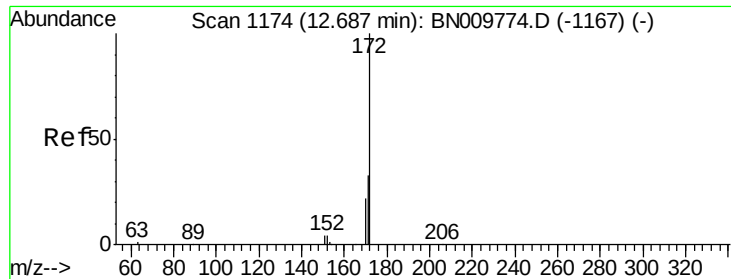
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.57

Time--> 15.50 15.60 15.70

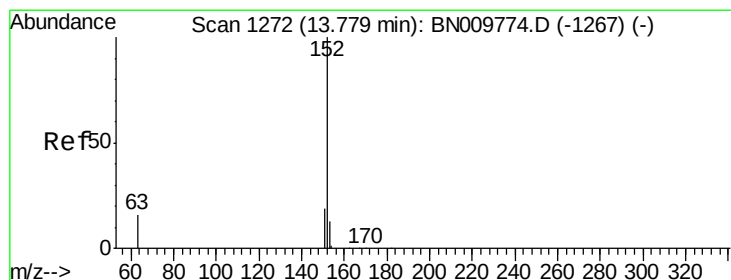
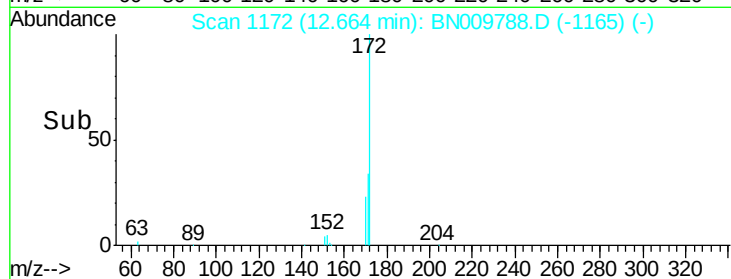
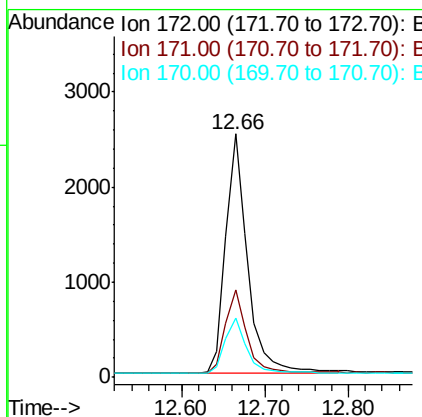
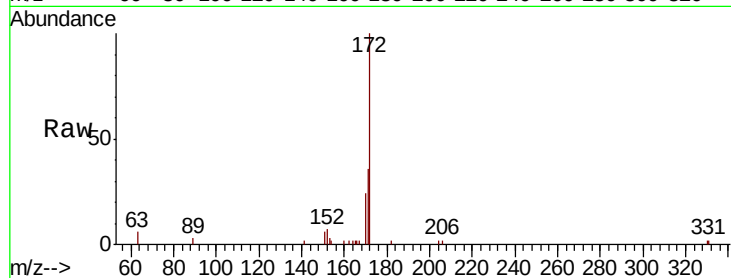




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

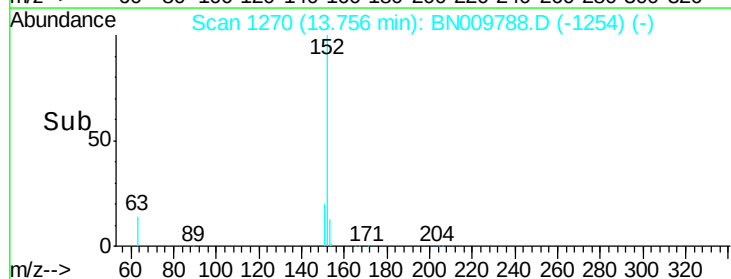
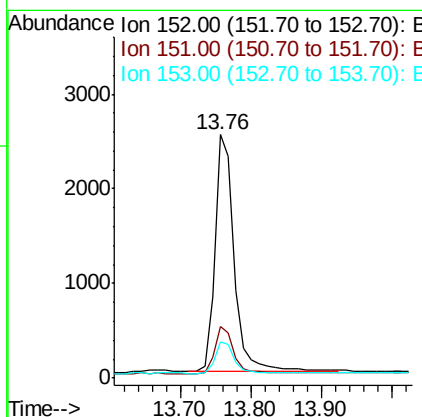
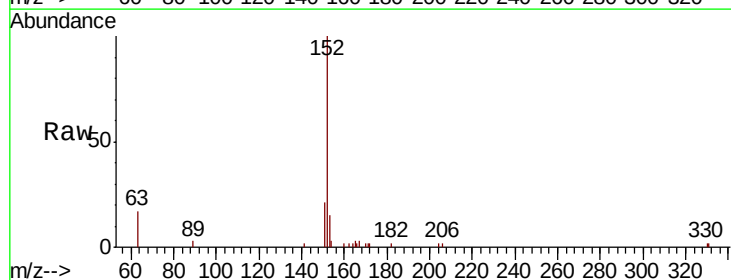
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

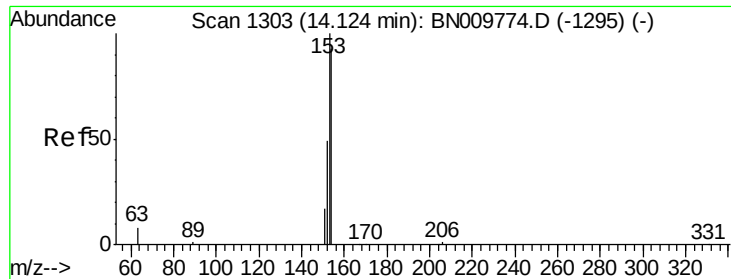
Tot Ion:172 Resp: 4545
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.2 20.1 30.1



#16
Acenaphthylene
Concen: 0.374 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:152 Resp: 4831
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.4 10.2 15.4





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

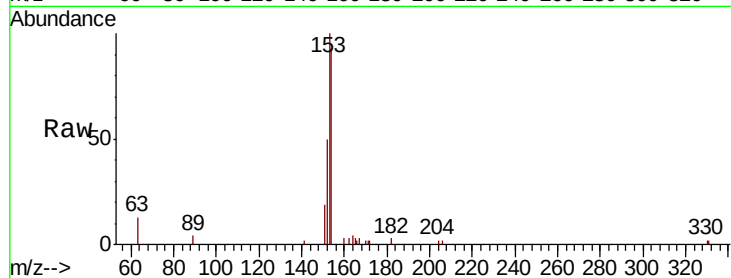
Tot Ion:154 Resp: 3446

Ion Ratio Lower Upper

154 100

153 111.8 88.9 133.3

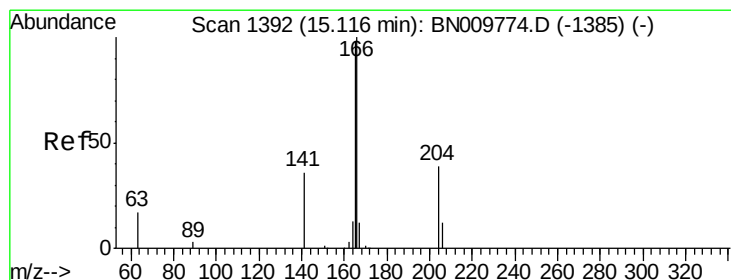
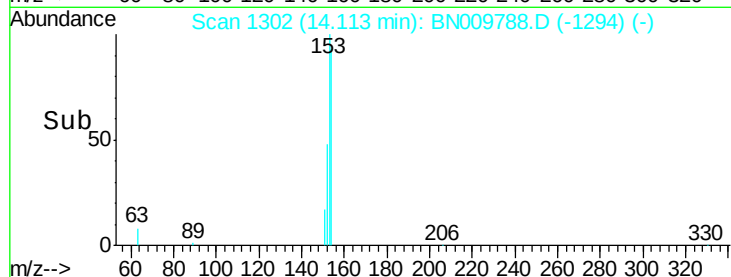
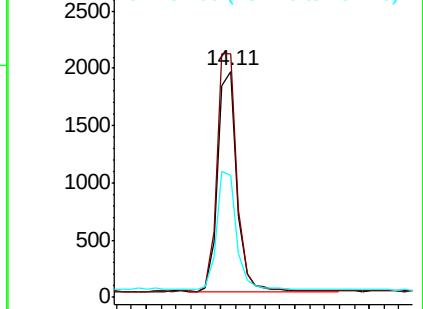
152 55.4 44.2 66.2



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: 0.358 ng

RT: 15.11 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

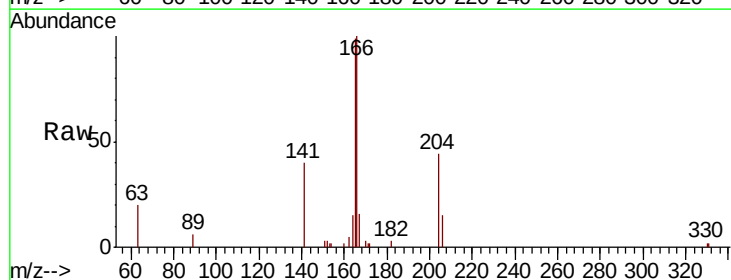
Tgt Ion:166 Resp: 4294

Ion Ratio Lower Upper

166 100

165 97.4 77.2 115.8

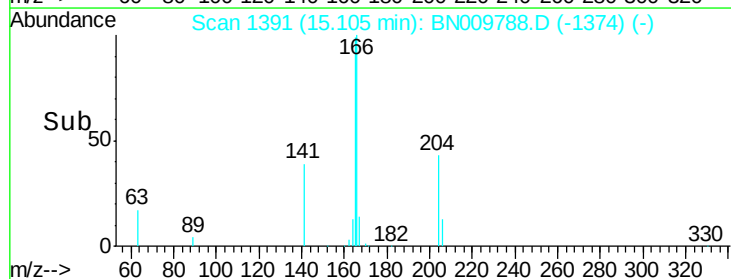
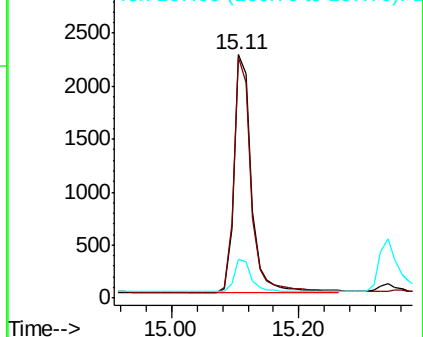
167 13.2 10.5 15.7

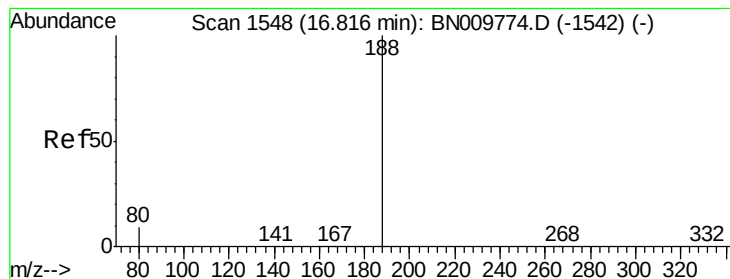


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

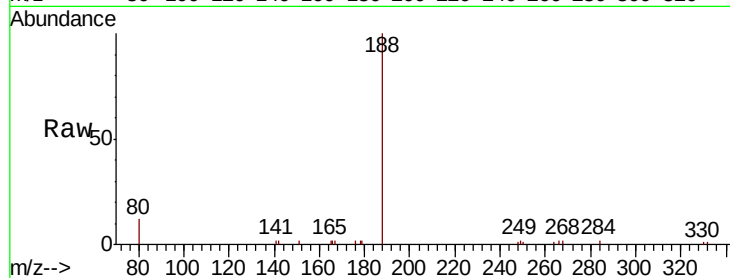
Tot Ion:188 Resp: 6307

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 8.3 12.5

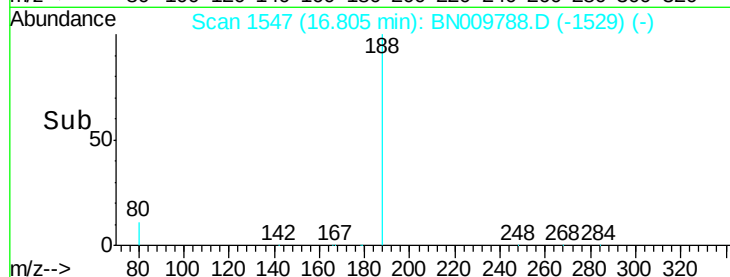


Abundance Ion 188.00 (187.70 to 188.70): E

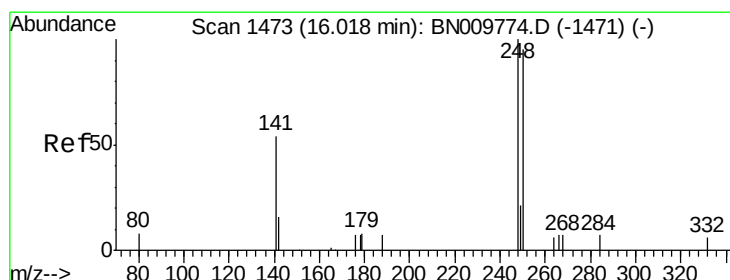
Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

Time-->



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.253 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

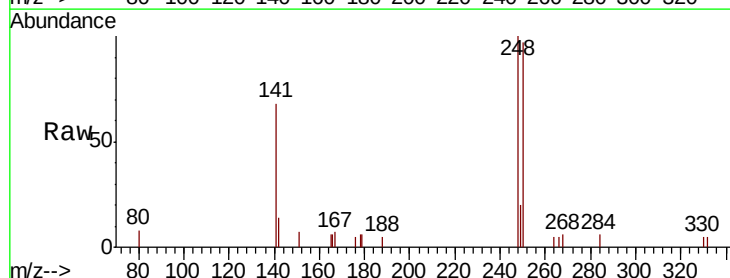
Tgt Ion:248 Resp: 1261

Ion Ratio Lower Upper

248 100

250 97.5 76.2 114.4

141 68.1 57.8 86.6

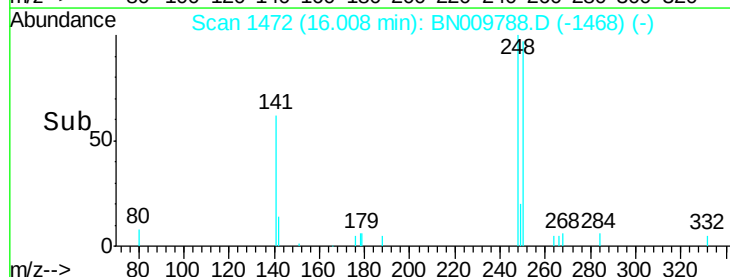


Abundance Ion 248.00 (247.70 to 248.70): E

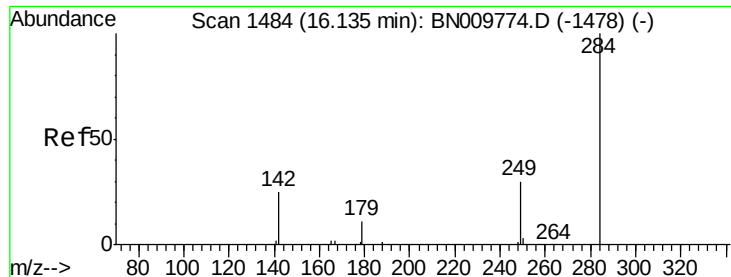
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

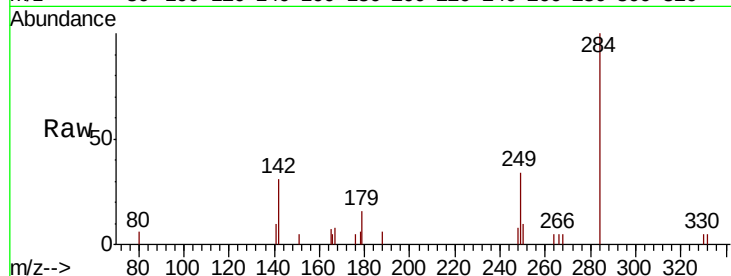
Tot Ion:284 Resp: 1569

Ion Ratio Lower Upper

284 100

142 39.7 33.3 49.9

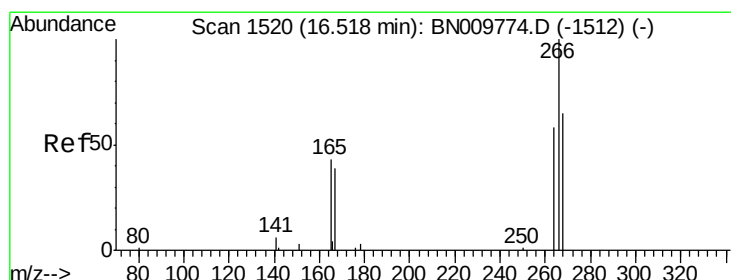
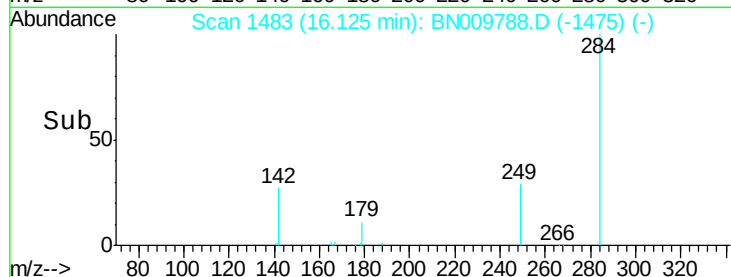
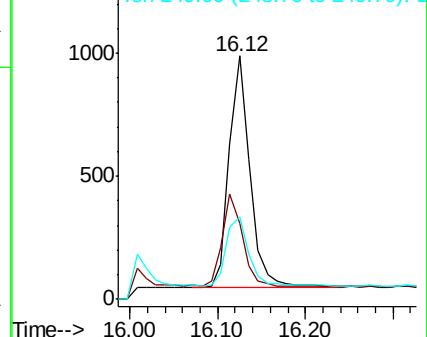
249 31.9 25.7 38.5



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: 0.542 ng

RT: 16.49 min Scan# 1517

Delta R.T. -0.03 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

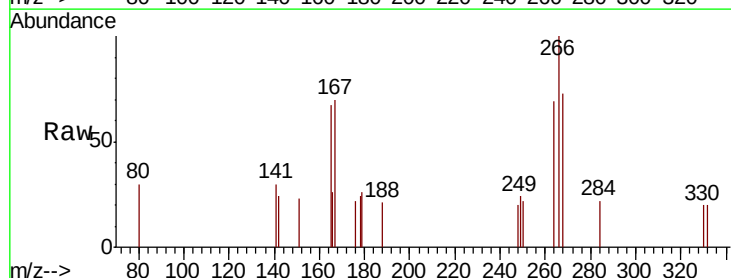
Tgt Ion:266 Resp: 478

Ion Ratio Lower Upper

266 100

264 69.2 58.1 87.1

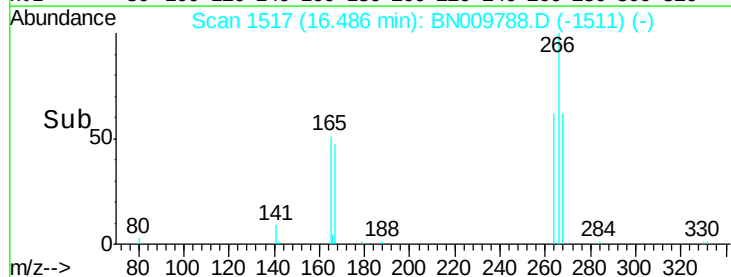
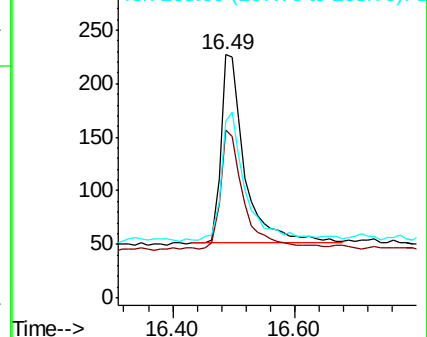
268 72.7 65.7 98.5

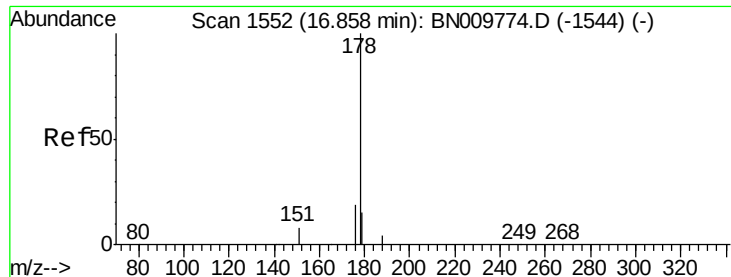


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

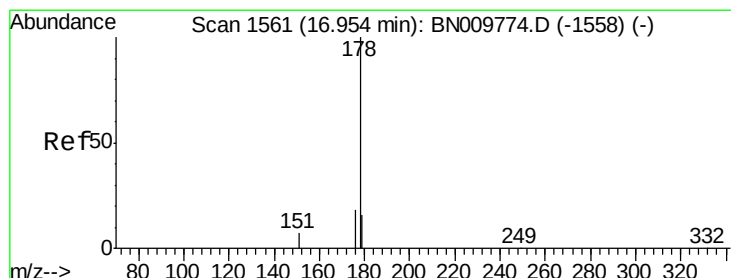
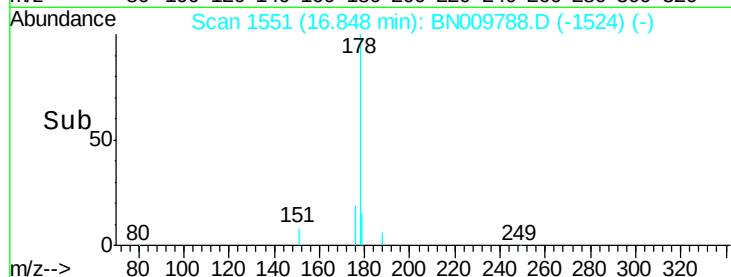
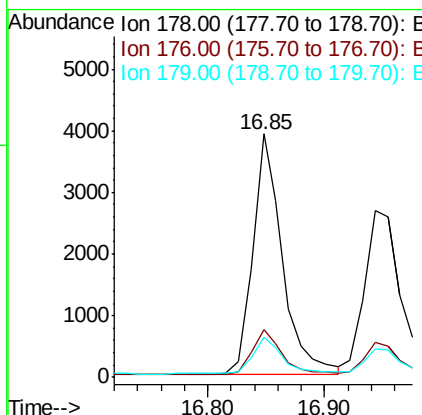
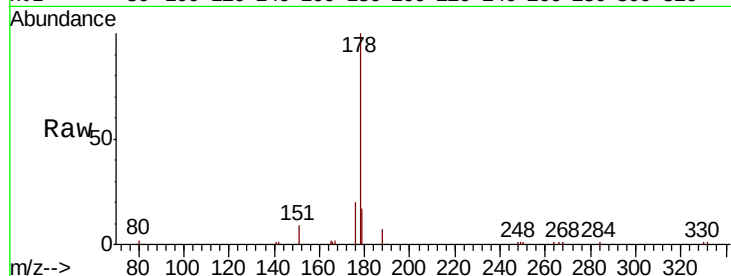




#23
Phenanthrene
Concen: 0.362 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

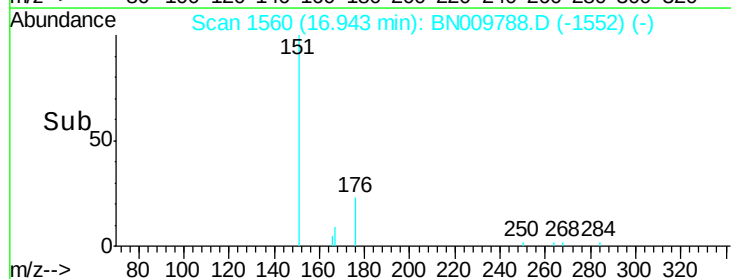
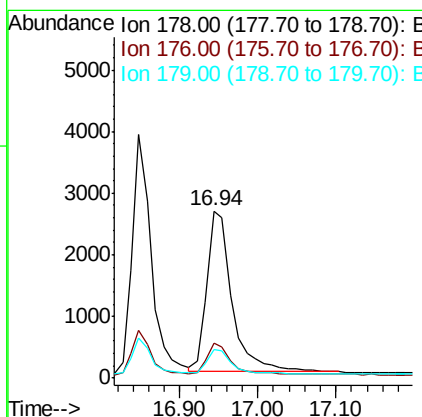
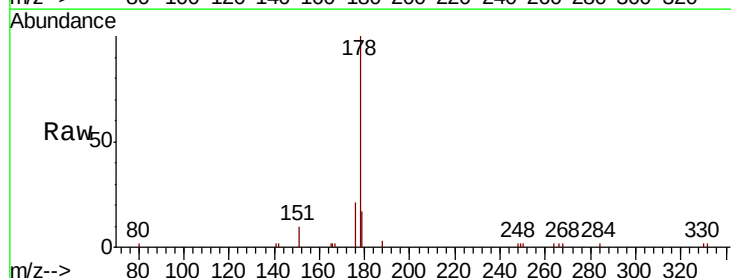
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

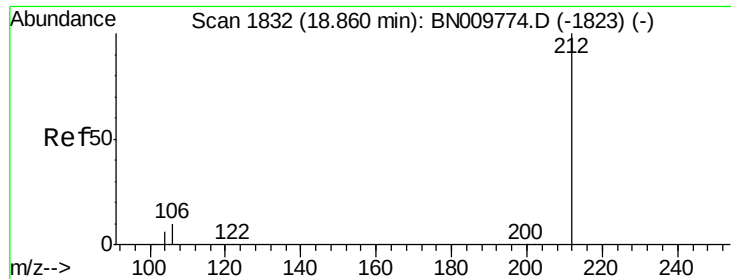
Tot Ion:178 Resp: 6787
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.7 12.4 18.6



#24
Anthracene
Concen: 0.368 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:178 Resp: 5834
Ion Ratio Lower Upper
178 100
176 18.5 14.3 21.5
179 14.8 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

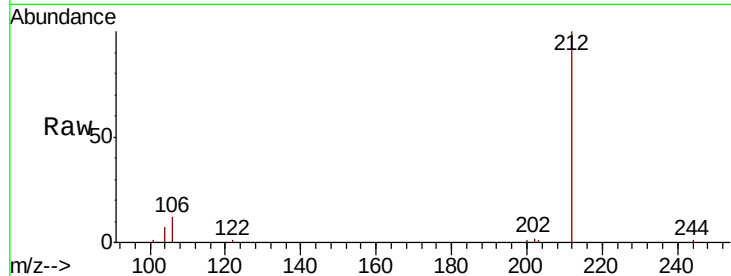
Tot Ion:212 Resp: 7685

Ion Ratio Lower Upper

212 100

106 11.4 8.4 12.6

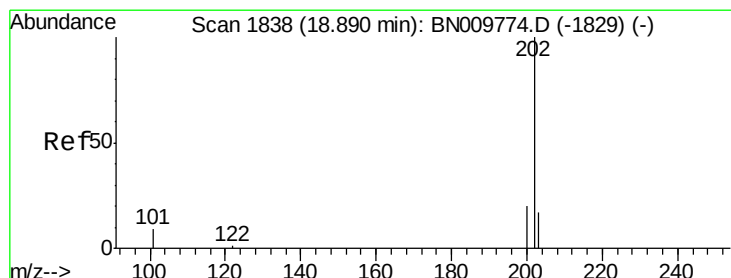
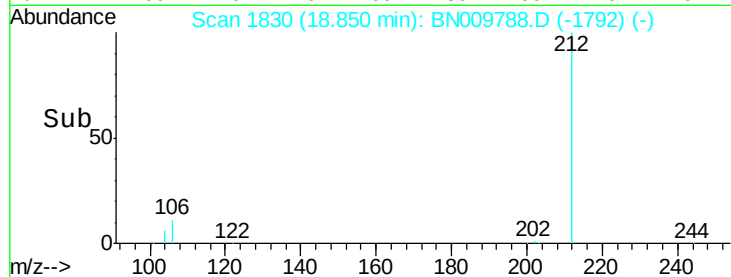
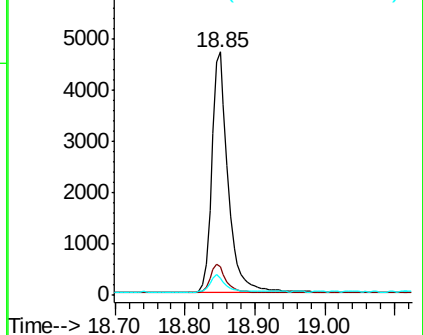
104 7.1 4.8 7.2



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: 0.361 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

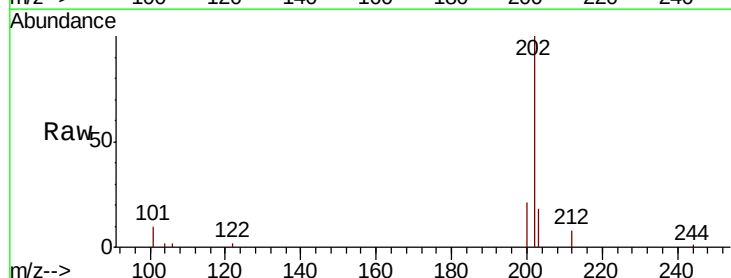
Tgt Ion:202 Resp: 8115

Ion Ratio Lower Upper

202 100

101 9.4 7.1 10.7

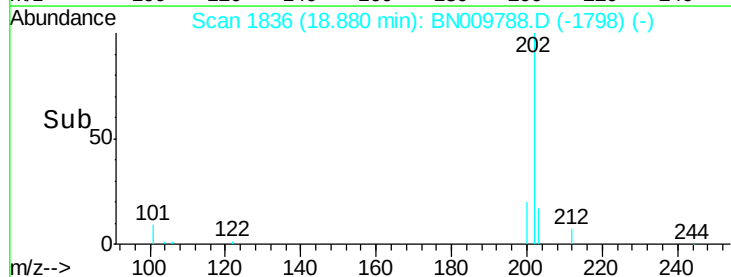
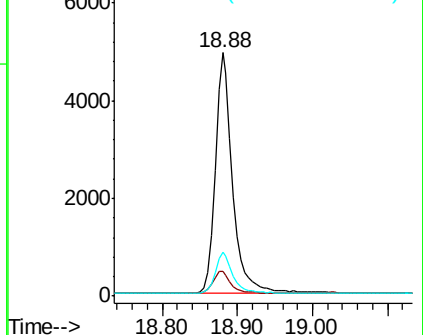
203 16.9 13.8 20.6

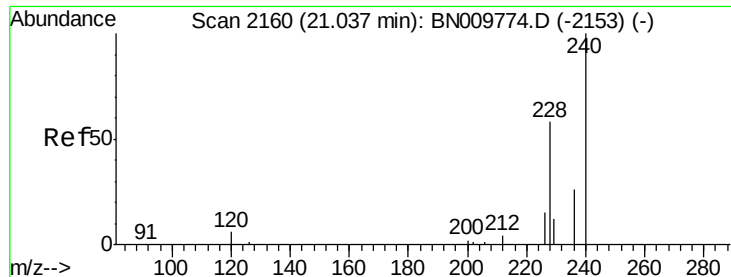


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.03 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

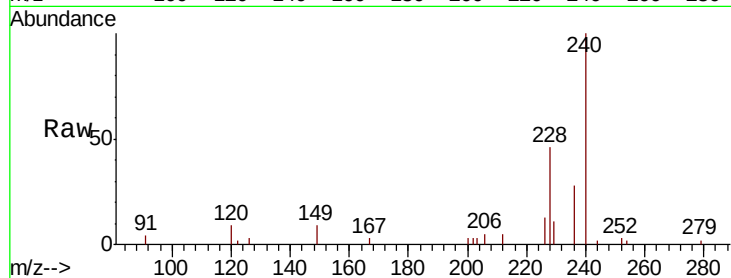
Tot Ion:240 Resp: 5798

Ion Ratio Lower Upper

240 100

120 8.7 7.9 11.9

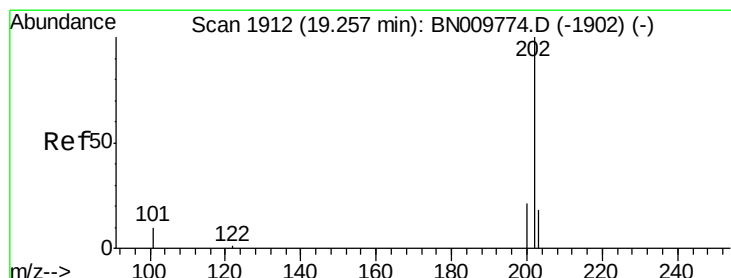
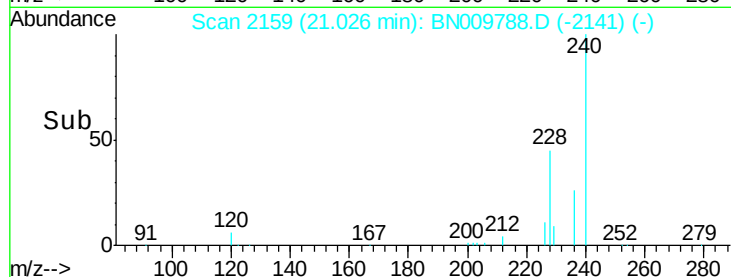
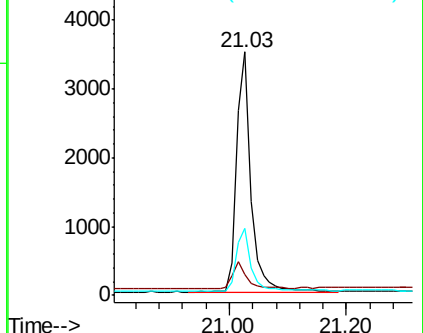
236 27.8 22.0 33.0



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: 0.375 ng

RT: 19.25 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

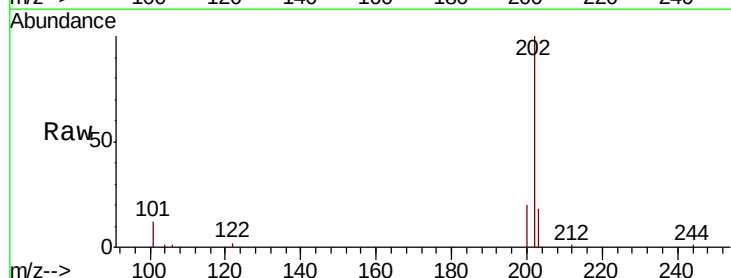
Tgt Ion:202 Resp: 8249

Ion Ratio Lower Upper

202 100

200 20.1 16.4 24.6

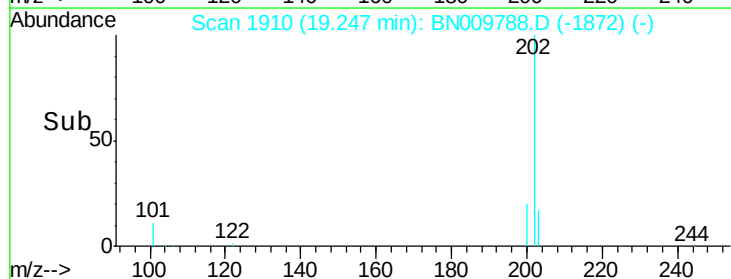
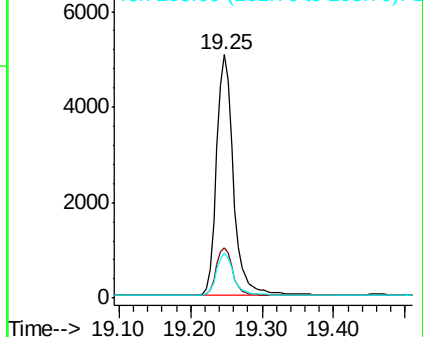
203 17.5 13.9 20.9

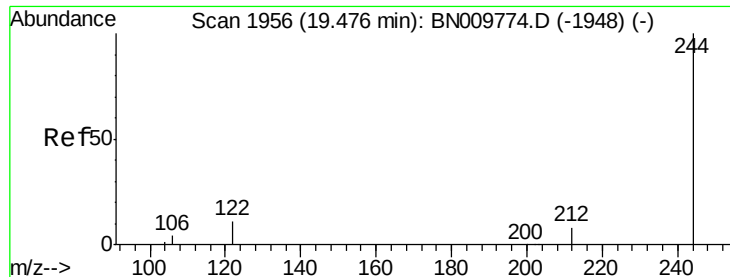


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.745 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

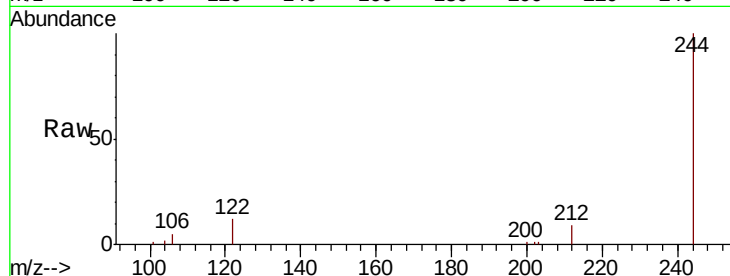
Tot Ion:244 Resp: 10325

Ion Ratio Lower Upper

244 100

212 8.6 8.0 12.0

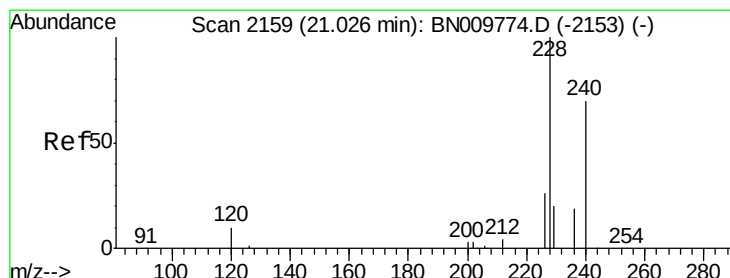
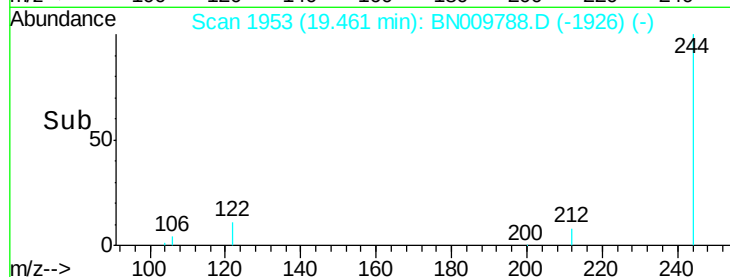
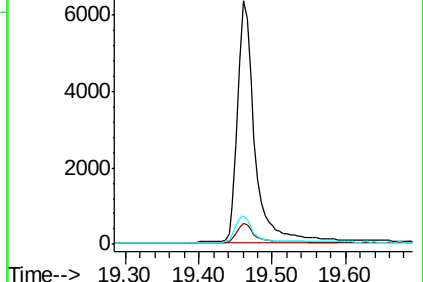
122 11.8 10.0 15.0



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: 0.370 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

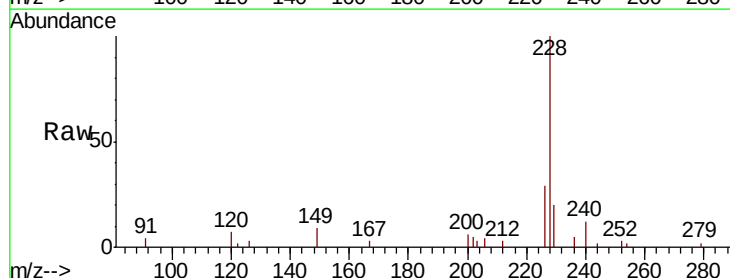
Tgt Ion:228 Resp: 7118

Ion Ratio Lower Upper

228 100

226 28.7 21.8 32.8

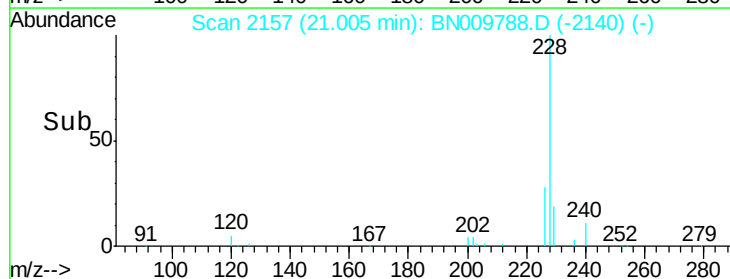
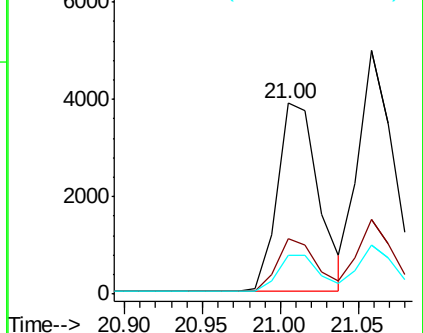
229 20.4 17.1 25.7

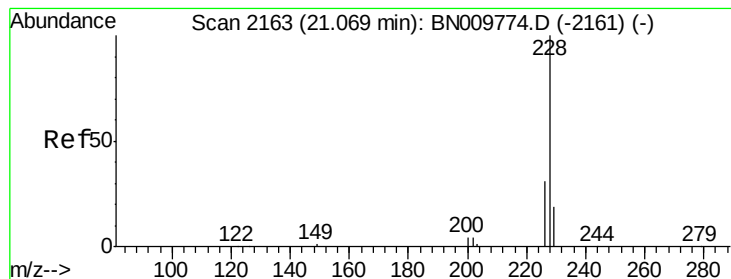


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.359 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

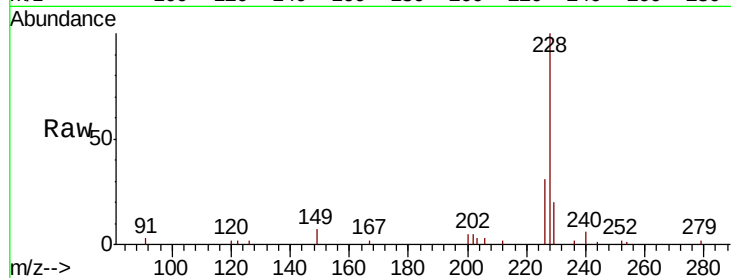
Tot Ion:228 Resp: 7995

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

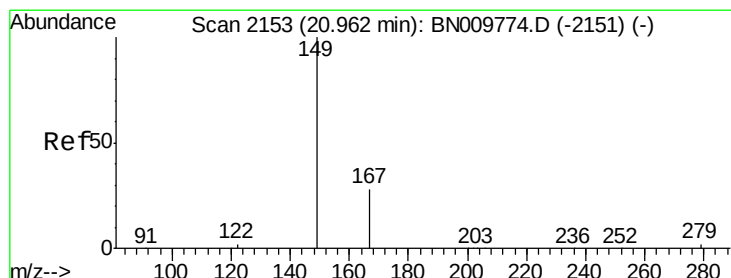
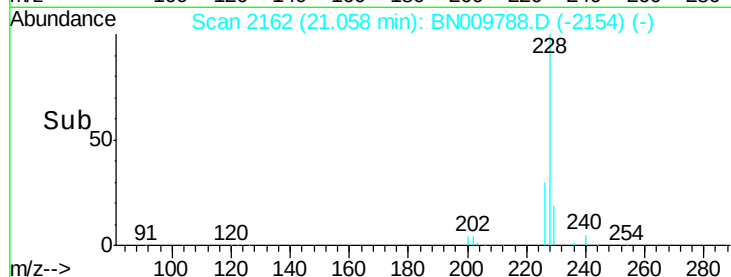
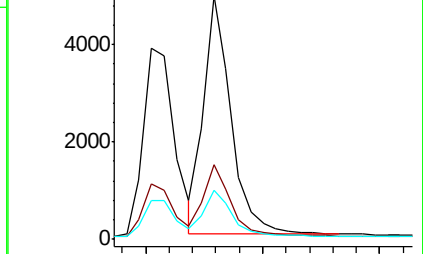
229 20.3 16.4 24.6



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: 0.421 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

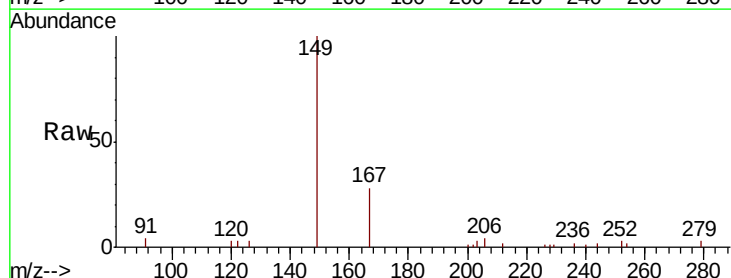
Tgt Ion:149 Resp: 3955

Ion Ratio Lower Upper

149 100

167 27.7 22.7 34.1

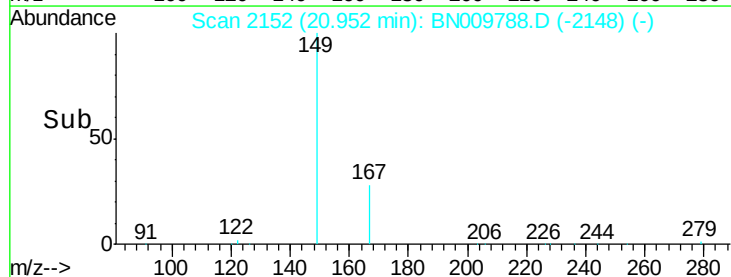
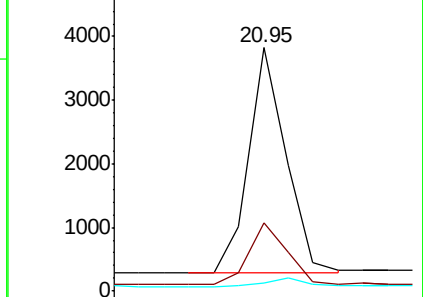
279 4.1 3.1 4.7

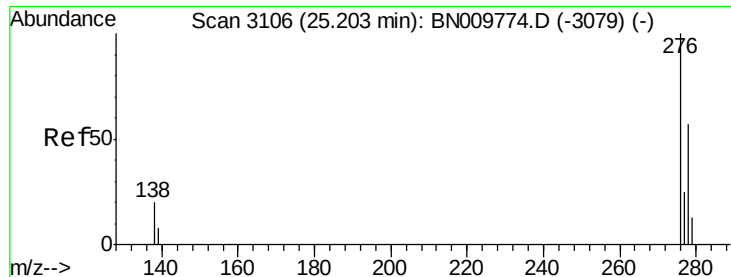


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

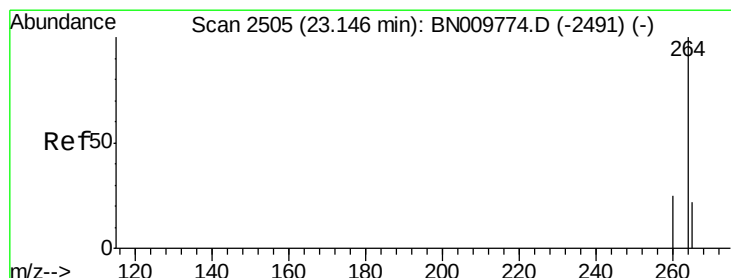
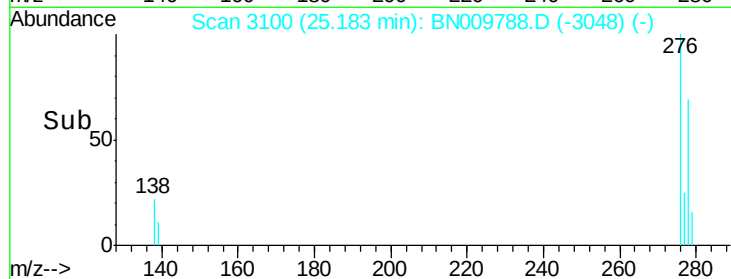
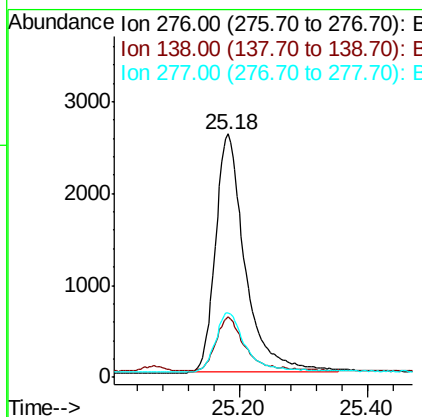
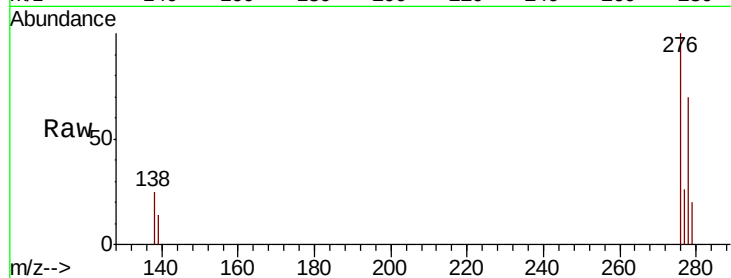




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.361 ng
 RT: 25.18 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BN009788.D
 Acq: 20 Feb 2020 20:13

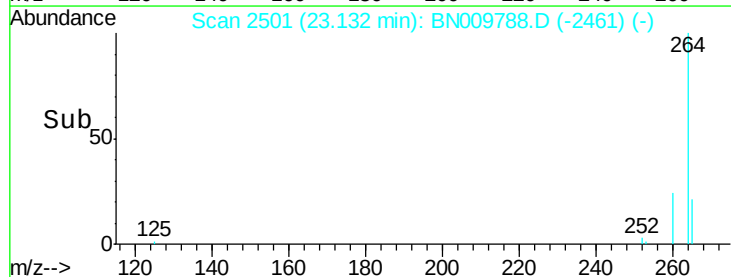
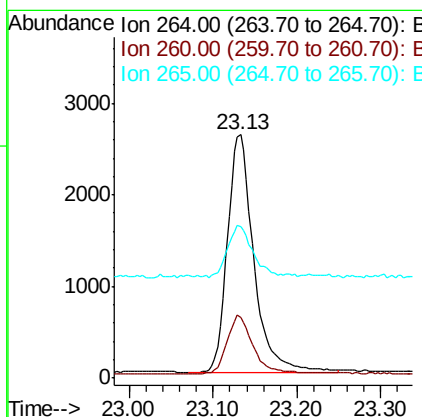
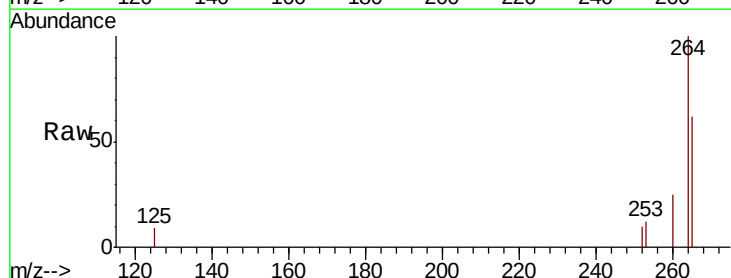
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

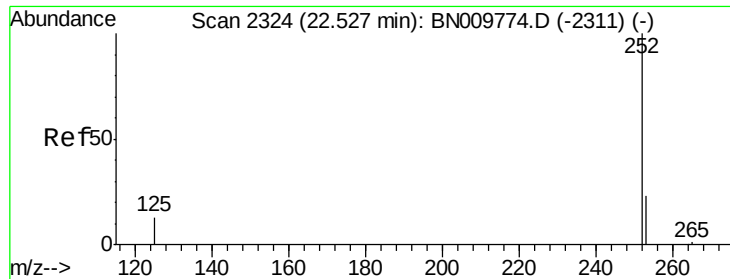
Tot Ion:276 Resp: 8375
 Ion Ratio Lower Upper
 276 100
 138 21.3 15.8 23.6
 277 23.9 19.3 28.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BN009788.D
 Acq: 20 Feb 2020 20:13

Tgt Ion:264 Resp: 5657
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.1 31.7
 265 62.3 57.5 86.3





#35

Benzo(b)fluoranthene

Concen: 0.372 ng

RT: 22.51 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

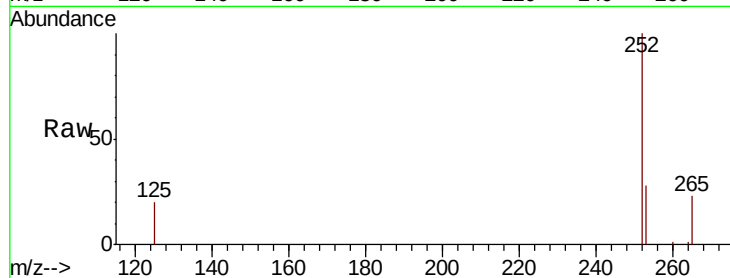
Tot Ion:252 Resp: 7683

Ion Ratio Lower Upper

252 100

253 28.1 23.0 34.6

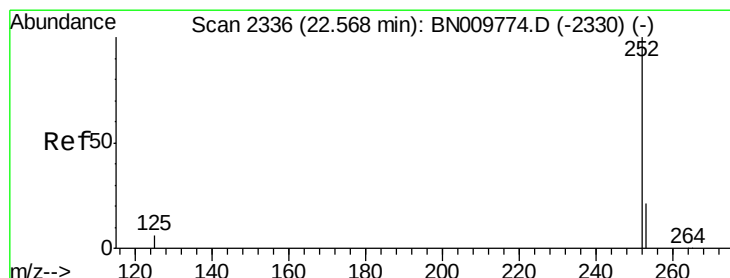
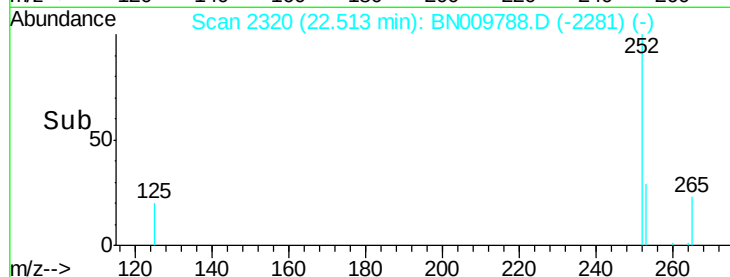
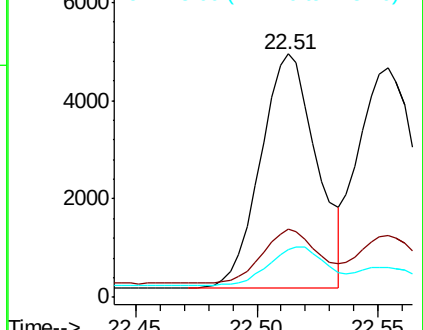
125 19.7 14.4 21.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.357 ng

RT: 22.55 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

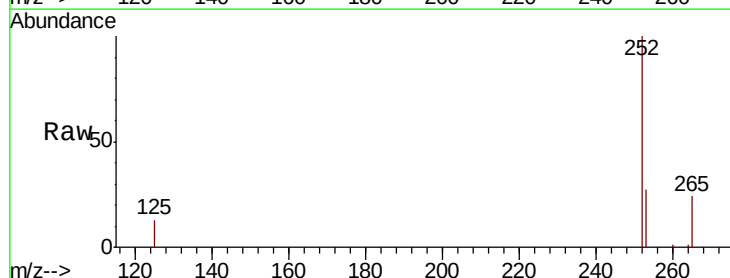
Tgt Ion:252 Resp: 8030

Ion Ratio Lower Upper

252 100

253 27.1 22.2 33.2

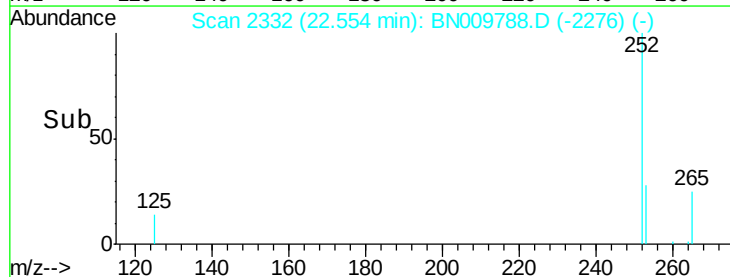
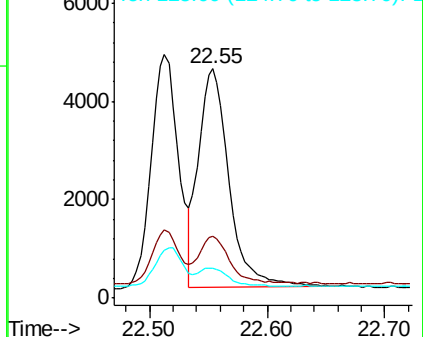
125 13.2 10.5 15.7

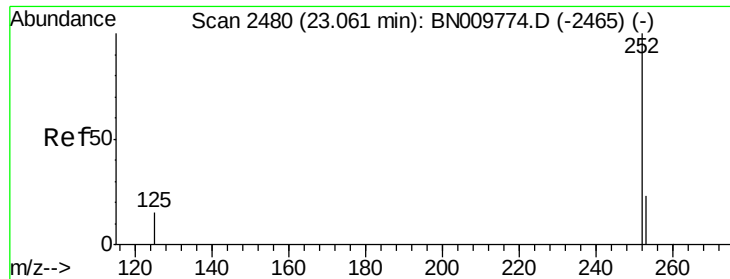


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.04 min Scan# 2475

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

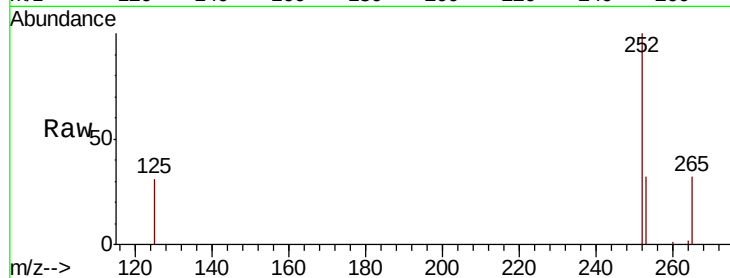
Tot Ion:252 Resp: 7455

Ion Ratio Lower Upper

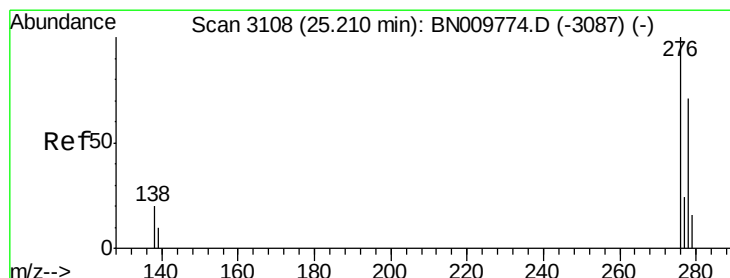
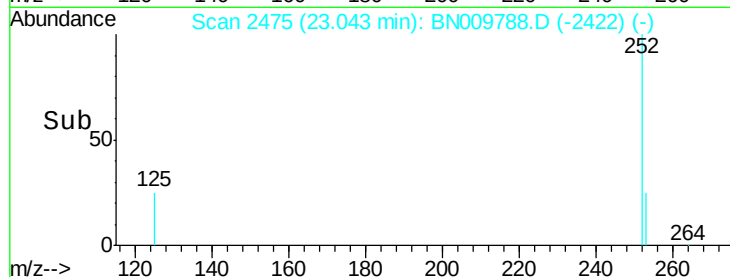
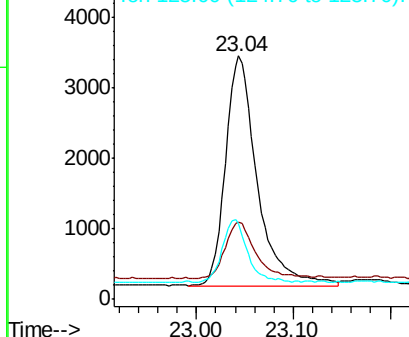
252 100

253 31.8 25.3 37.9

125 31.0 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: 0.361 ng

RT: 25.19 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

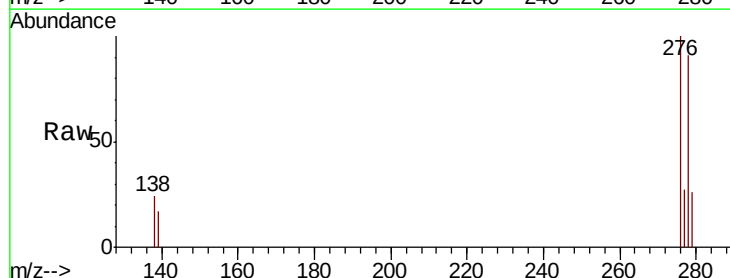
Tgt Ion:278 Resp: 6711

Ion Ratio Lower Upper

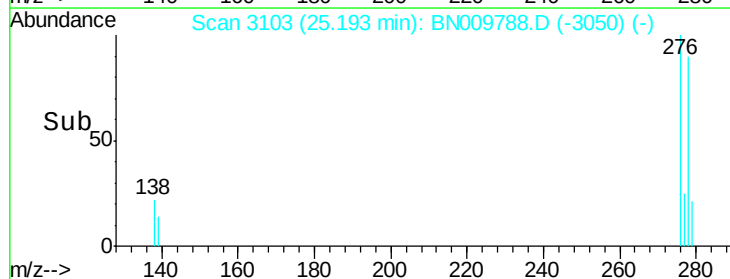
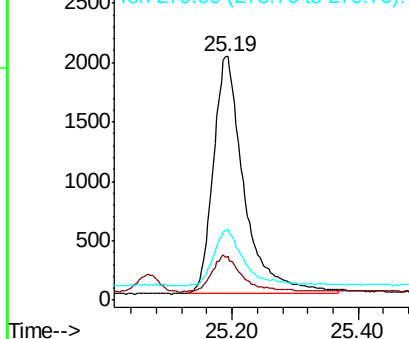
278 100

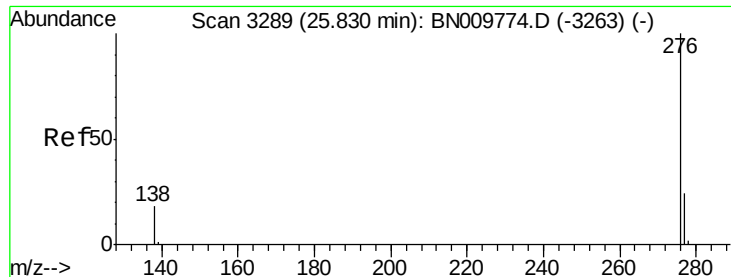
139 18.3 14.5 21.7

279 29.0 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: 0.359 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.02 min

Lab File: BN009788.D

Acq: 20 Feb 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

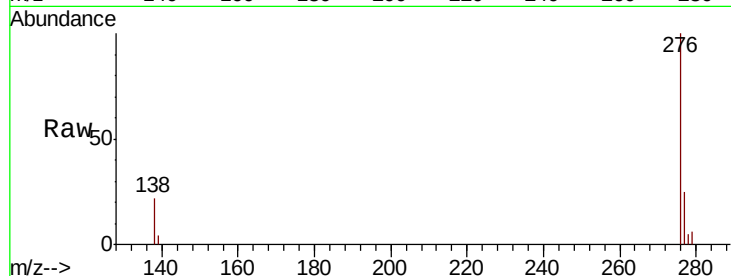
Tot Ion: 276 Resp: 7105

Ion Ratio Lower Upper

276 100

277 25.4 21.4 32.0

138 21.6 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

