

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
 Data File : BN009020.D
 Acq On : 18 Dec 2019 18:16
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 19 00:59:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 00:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3682	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	13489	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	8556	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	19614	0.40	ng	0.00
27) Chrysene-d12	21.12	240	17654	0.40	ng	0.00
34) Perylene-d12	23.26	264	16395	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	3998	0.43	ng	0.00
5) Phenol-d6	6.73	99	4840	0.37	ng	0.00
8) Nitrobenzene-d5	8.67	82	4632	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	9108	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	1613	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	13745	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	23358	0.39	ng	0.00
29) Terphenyl-d14	19.56	244	18732	0.47	ng	0.00

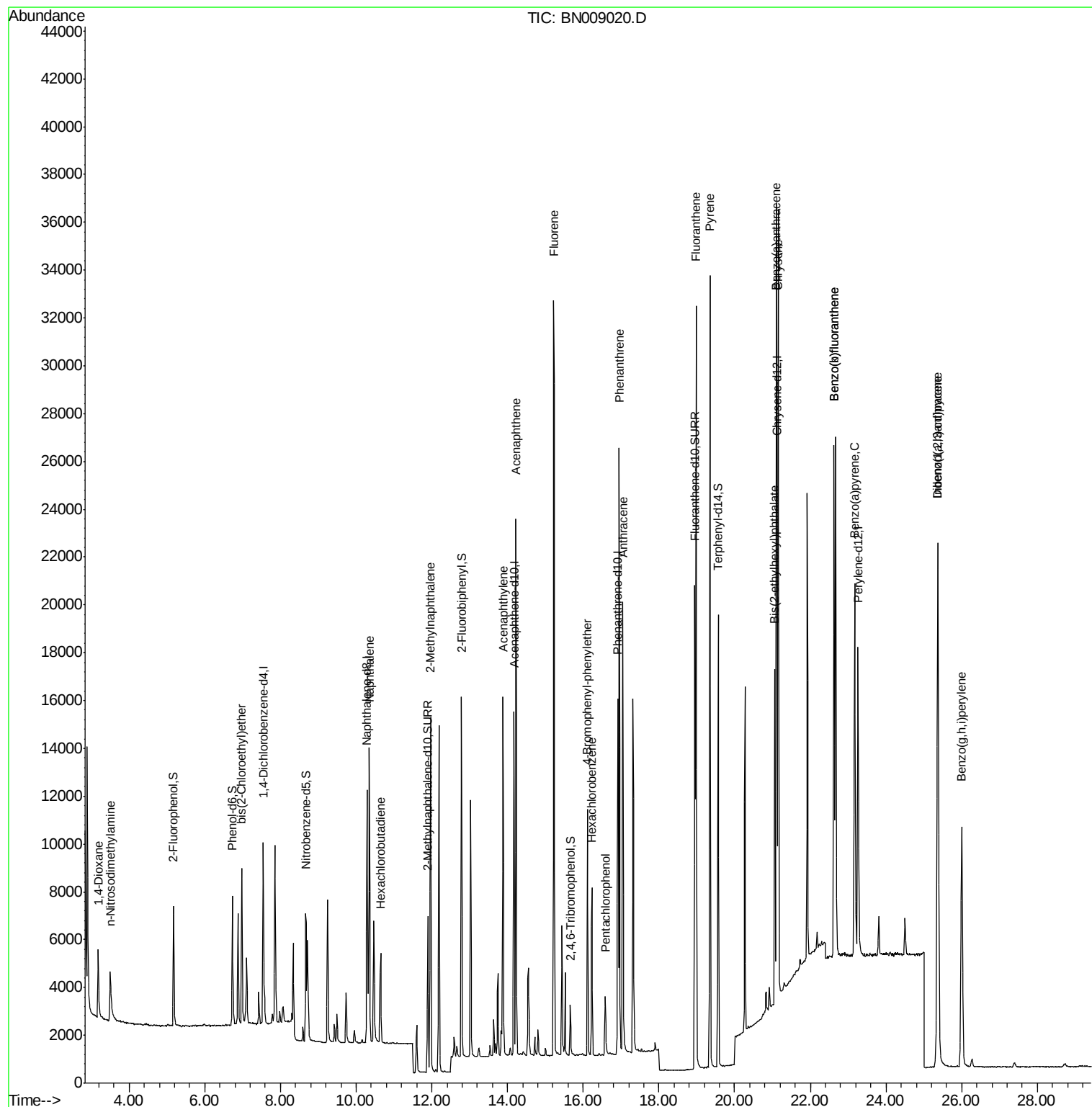
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	1713	0.496	ng	99
3) n-Nitrosodimethylamine	3.50	42	2153	0.452	ng	# 98
6) bis(2-Chloroethyl)ether	6.99	93	4908	0.402	ng	99
9) Naphthalene	10.34	128	15478	0.421	ng	99
10) Hexachlorobutadiene	10.65	225	3191	0.453	ng	# 99
12) 2-Methylnaphthalene	11.97	142	10933	0.399	ng	99
16) Acenaphthylene	13.88	152	16344	0.418	ng	100
17) Acenaphthene	14.22	154	10956	0.422	ng	99
18) Fluorene	15.22	166	14764	0.422	ng	100
20) 4-Bromophenyl-phenylether	16.11	248	4999	0.426	ng	# 92
21) Hexachlorobenzene	16.23	284	5550	0.415	ng	98
22) Pentachlorophenol	16.58	266	1612	0.334	ng	98
23) Phenanthrene	16.95	178	25104	0.407	ng	100
24) Anthracene	17.05	178	22032	0.405	ng	100
26) Fluoranthene	18.98	202	29466	0.401	ng	100
28) Pyrene	19.35	202	29519	0.477	ng	100
30) Benzo(a)anthracene	21.10	228	26942	0.430	ng	98
31) Chrysene	21.15	228	27117	0.418	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	14092	0.481	ng	99
33) Indeno(1,2,3-cd)pyrene	25.36	276	25356	0.369	ng	100
35) Benzo(b)fluoranthene	22.63	252	25066	0.427	ng	99
36) Benzo(k)fluoranthene	22.63	252	25066	0.424	ng	98
37) Benzo(a)pyrene	23.17	252	22299	0.423	ng	98
38) Dibenzo(a,h)anthracene	25.37	278	20419	0.413	ng	98
39) Benzo(g,h,i)perylene	26.00	276	20621	0.423	ng	99

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

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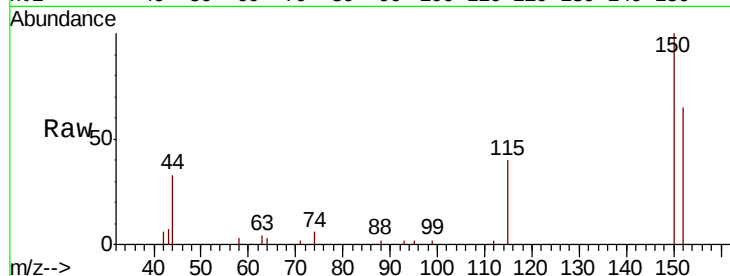


#1

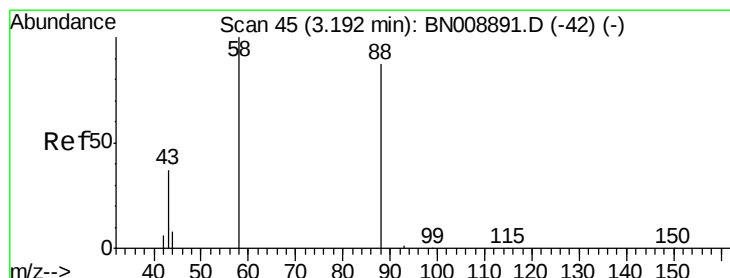
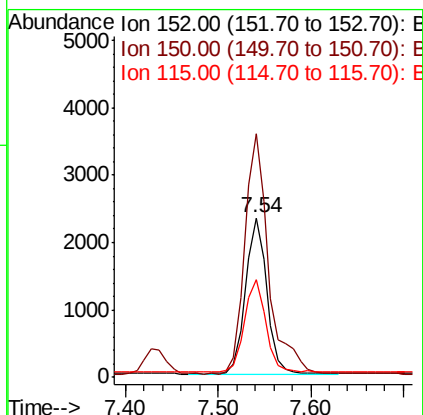
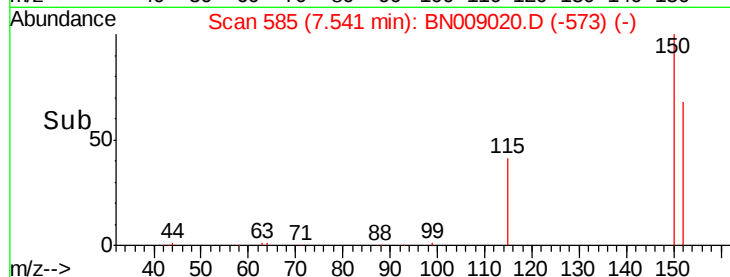
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3682
Ion Ratio Lower Upper
152 100
150 153.0 122.3 183.5
115 61.7 48.4 72.6



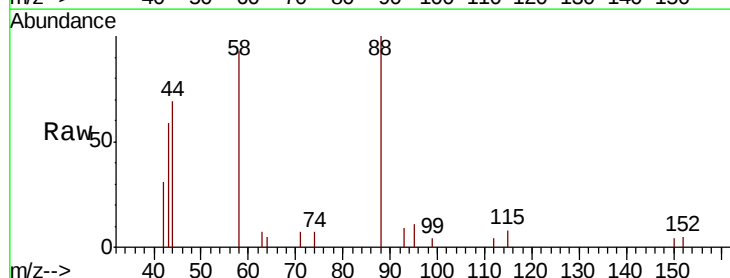
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



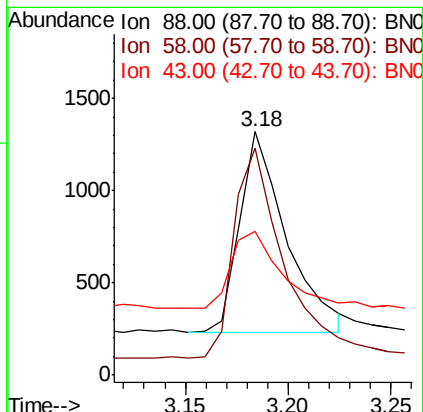
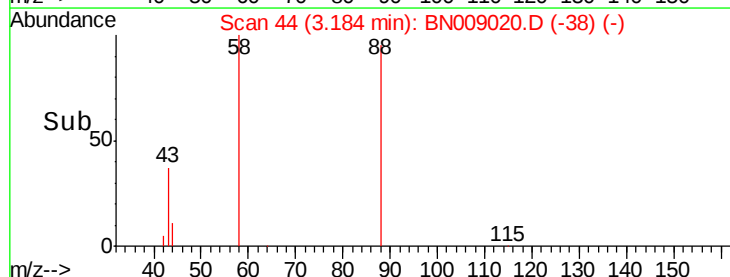
#2

1,4-Dioxane
Concen: 0.496 ng
RT: 3.18 min Scan# 44
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion: 88 Resp: 1713
Ion Ratio Lower Upper
88 100
58 109.6 88.6 132.8
43 41.3 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



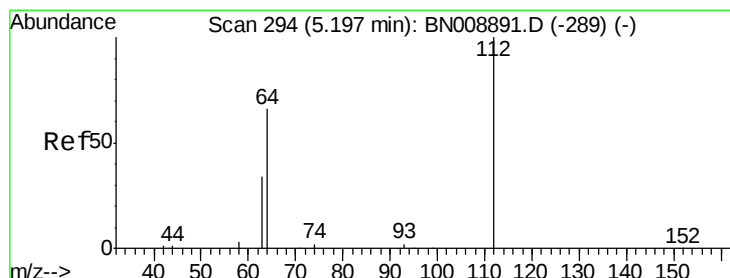
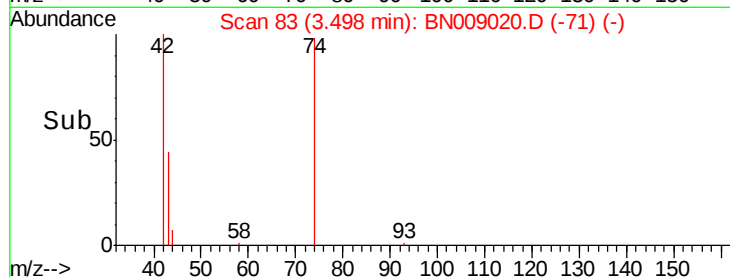
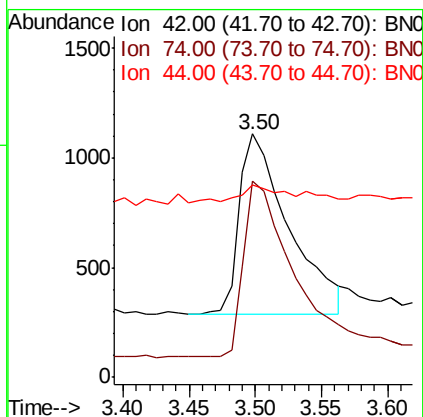
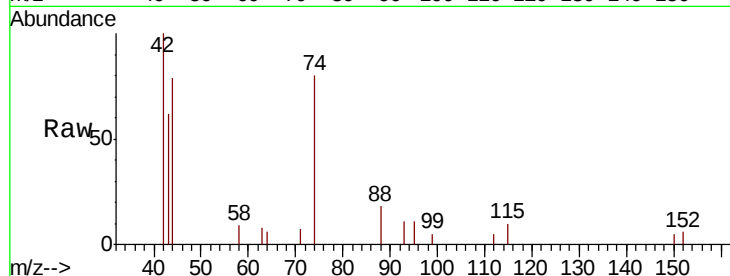


#3

n-Nitrosodimethylamine
 Concen: 0.452 ng
 RT: 3.50 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: BN009020.D
 Acq: 18 Dec 2019 18:16

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

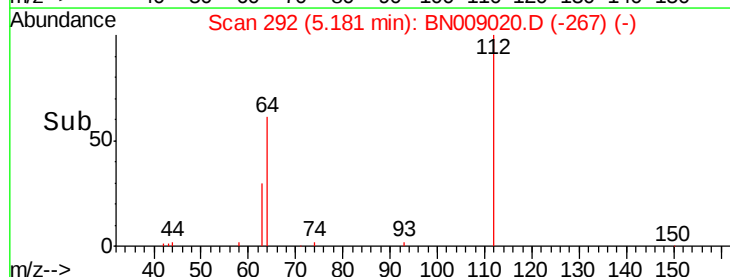
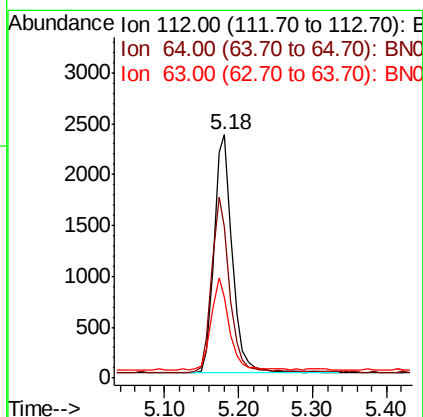
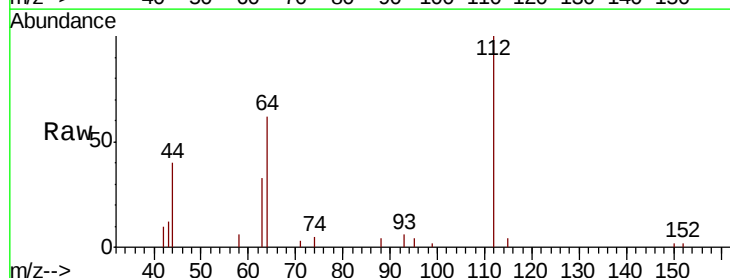
Tot Ion: 42 Resp: 2153
 Ion Ratio Lower Upper
 42 100
 74 95.9 78.6 117.8
 44 8.4 0.0 0.0#

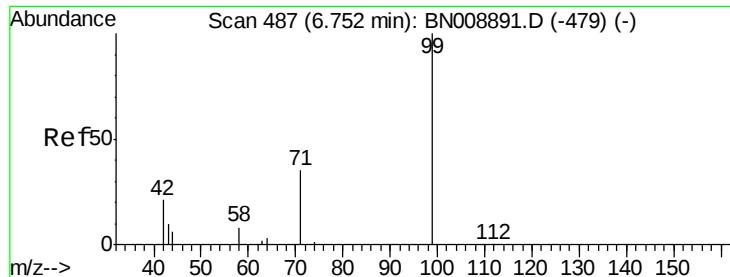


#4

2-Fluorophenol
 Concen: 0.427 ng
 RT: 5.18 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BN009020.D
 Acq: 18 Dec 2019 18:16

Tgt Ion: 112 Resp: 3998
 Ion Ratio Lower Upper
 112 100
 64 72.4 57.7 86.5
 63 38.7 29.6 44.4





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

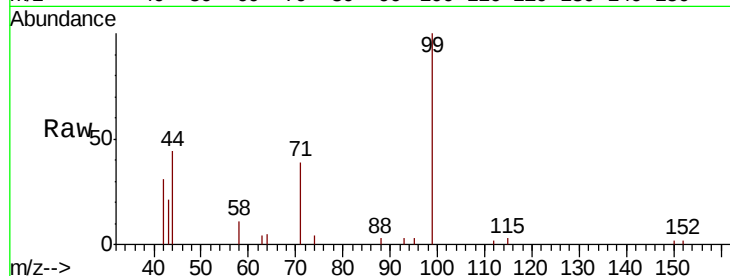
Tot Ion: 99 Resp: 4840

Ion Ratio Lower Upper

99 100

42 27.1 20.1 30.1

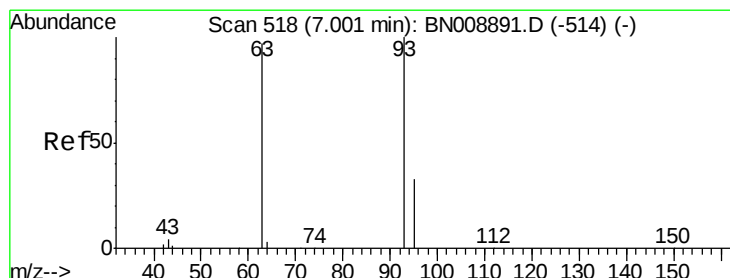
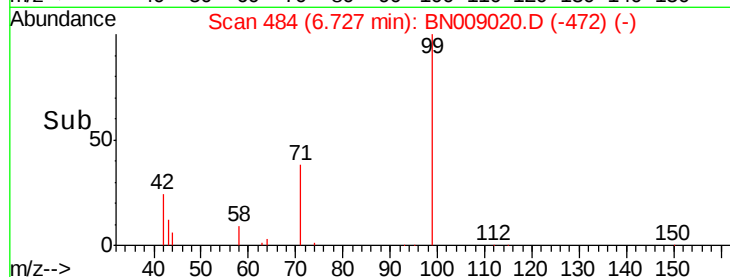
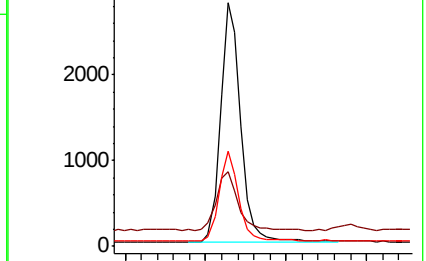
71 36.0 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN009020.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009020.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009020.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 6.99 min Scan# 516

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

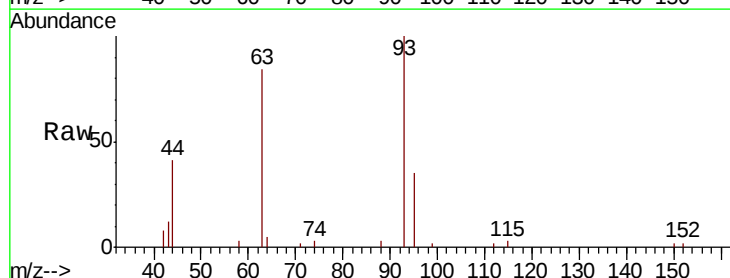
Tgt Ion: 93 Resp: 4908

Ion Ratio Lower Upper

93 100

63 92.3 73.5 110.3

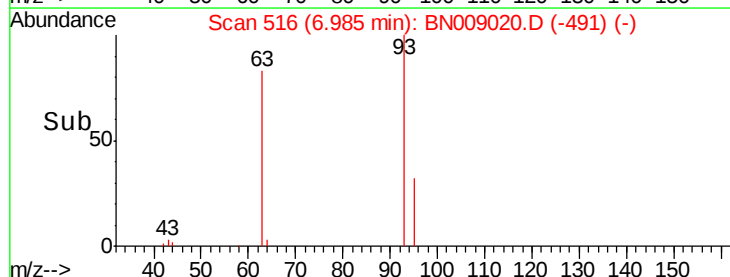
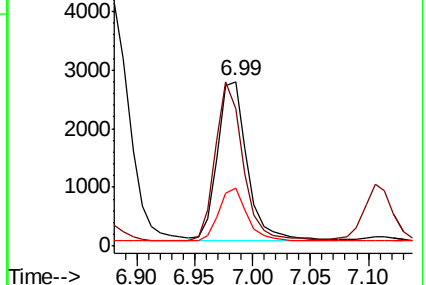
95 31.6 26.0 39.0

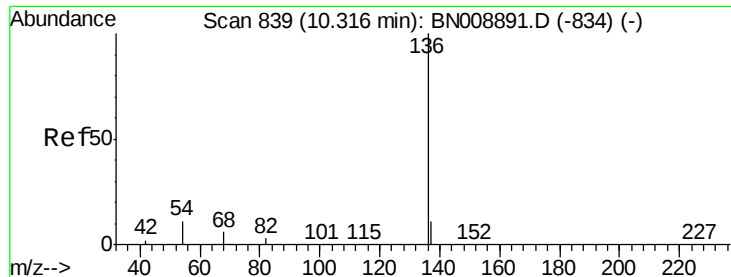


Abundance Ion 93.00 (92.70 to 93.70): BN009020.D (-491) (-)

Ion 63.00 (62.70 to 63.70): BN009020.D (-491) (-)

Ion 95.00 (94.70 to 95.70): BN009020.D (-491) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 13489

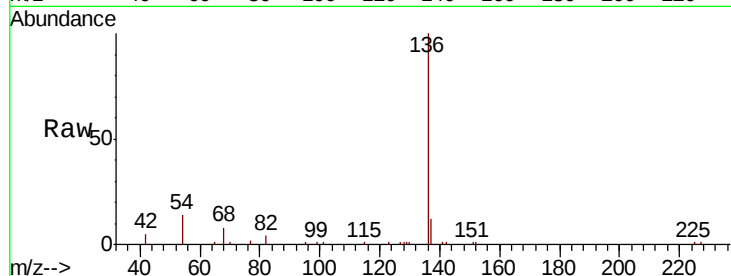
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 14.3 9.6 14.4

68 7.6 5.6 8.4

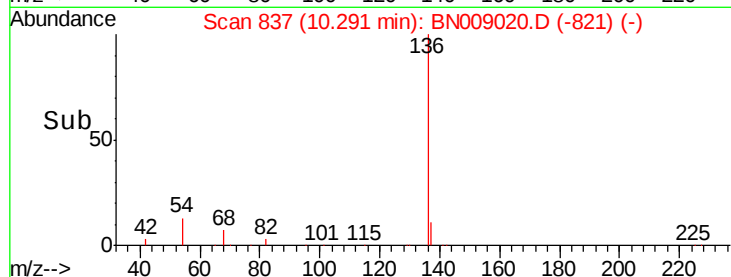


Abundance Ion 136.00 (135.70 to 136.70): E

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



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

Time-->

10.20 10.30 10.40

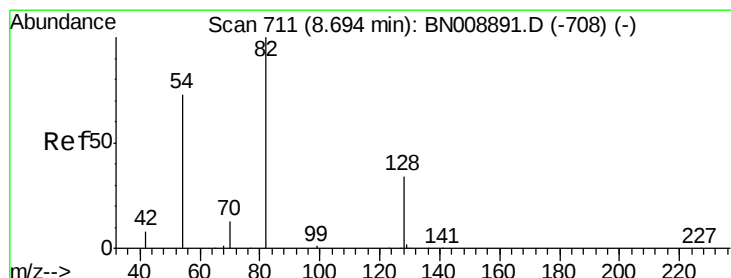
8000

6000

4000

2000

0



#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

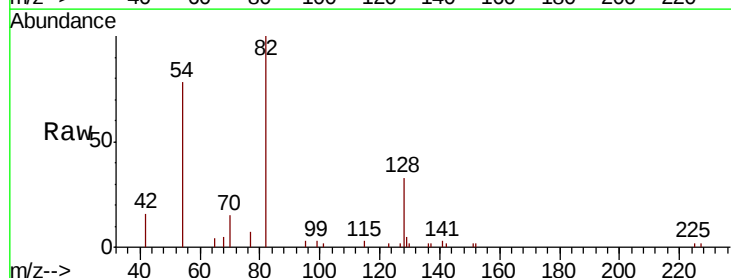
Tgt Ion: 82 Resp: 4632

Ion Ratio Lower Upper

82 100

128 32.8 29.1 43.7

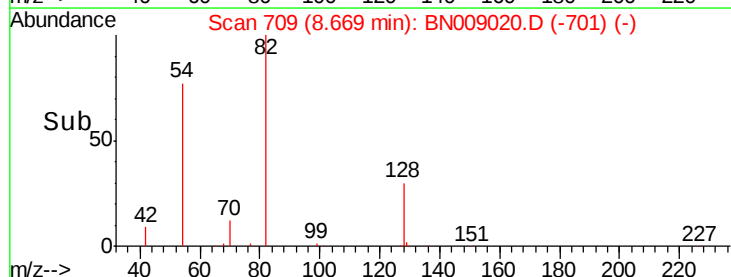
54 77.6 59.7 89.5



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



3000

2500

2000

1500

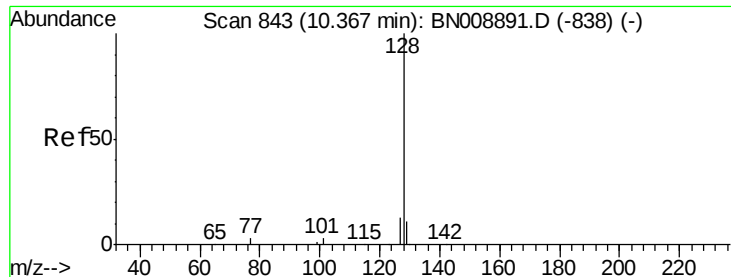
1000

500

0

Time-->

8.60 8.65 8.70 8.75 8.80



#9

Naphthalene

Concen: 0.421 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

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ClientSampleId :

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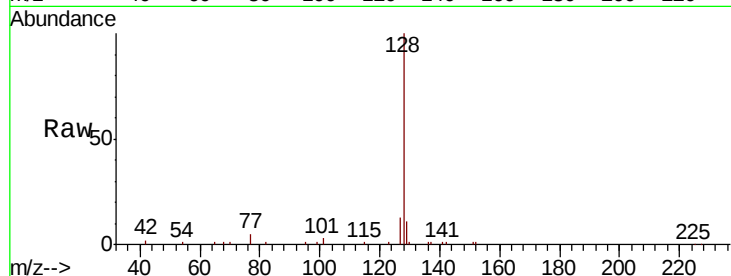
Tot Ion:128 Resp: 15478

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

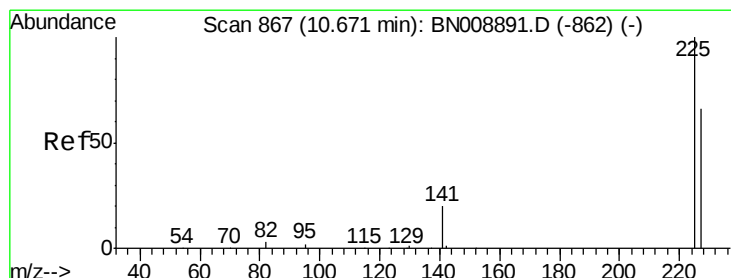
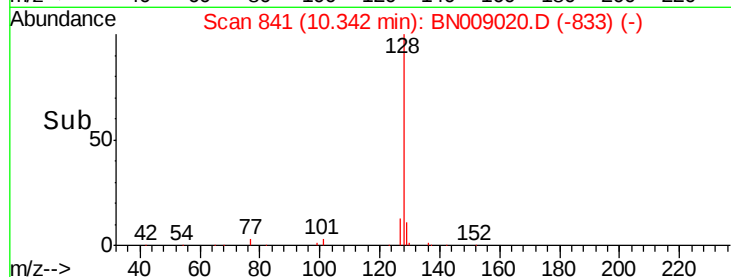
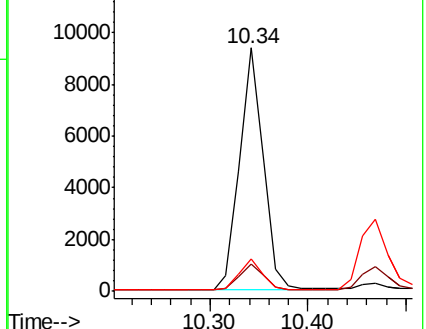
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.453 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

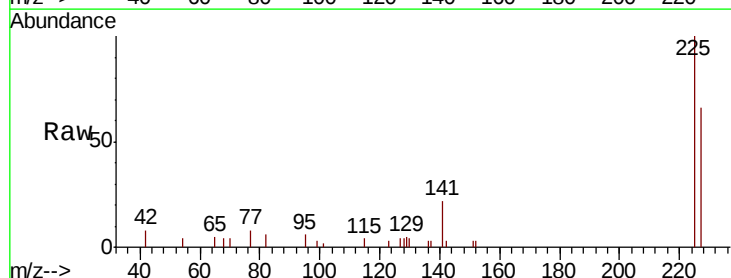
Tgt Ion:225 Resp: 3191

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

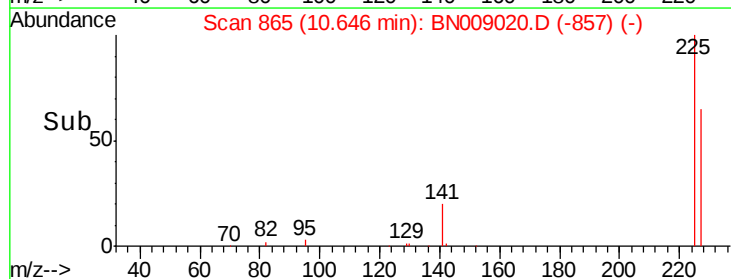
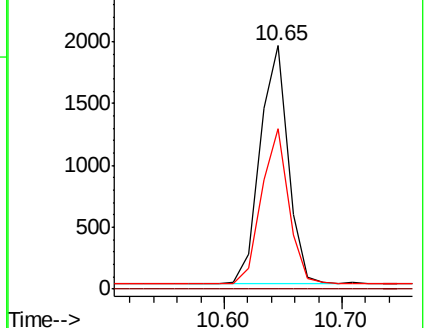
227 63.4 51.4 77.2

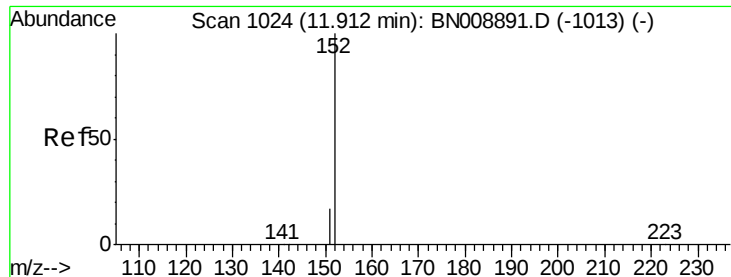


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

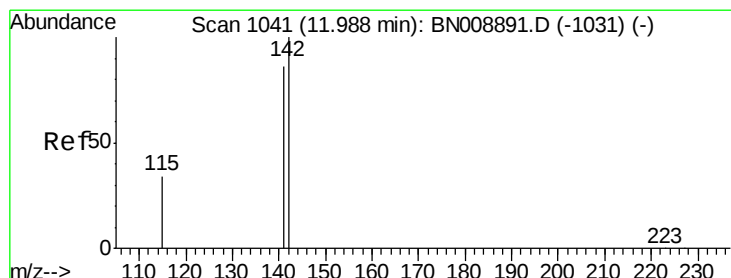
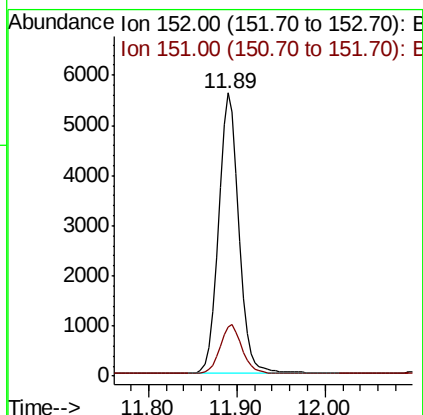
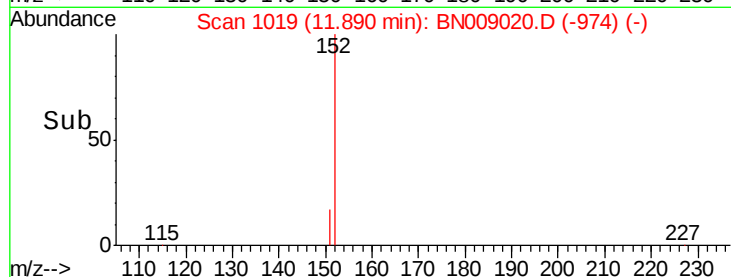
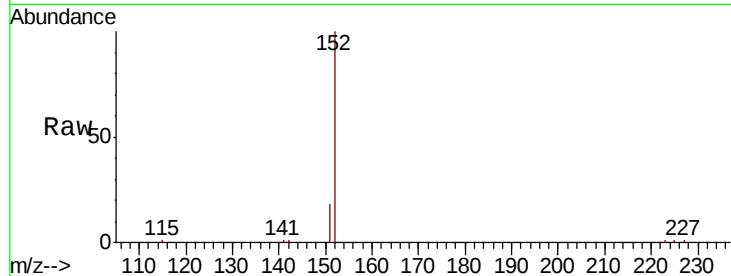




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BN009020.D
 Acq: 18 Dec 2019 18:16

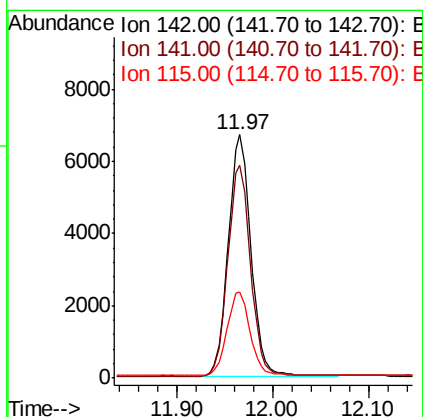
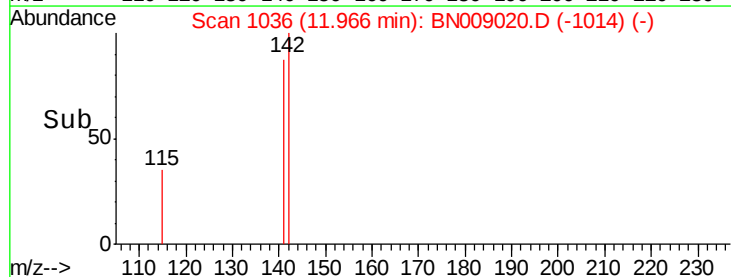
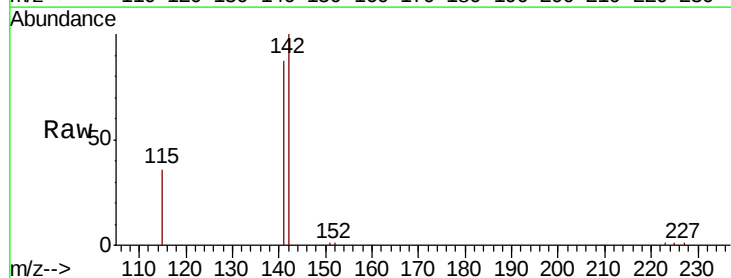
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

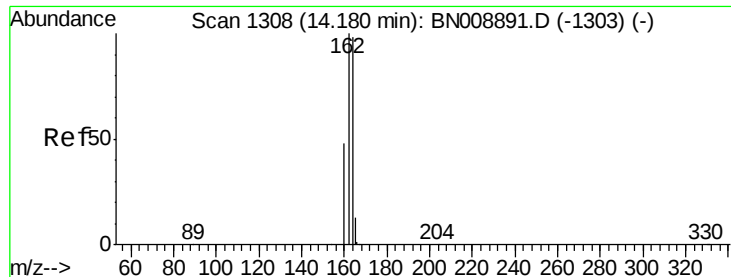
Tot Ion:152 Resp: 9108
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.399 ng
 RT: 11.97 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BN009020.D
 Acq: 18 Dec 2019 18:16

Tgt Ion:142 Resp: 10933
 Ion Ratio Lower Upper
 142 100
 141 87.3 69.3 103.9
 115 35.5 27.9 41.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

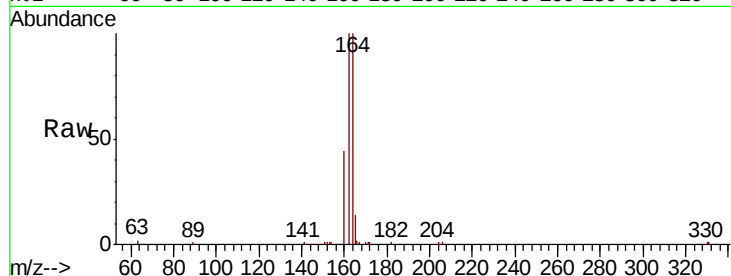
Tot Ion:164 Resp: 8556

Ion Ratio Lower Upper

164 100

162 100.2 81.9 122.9

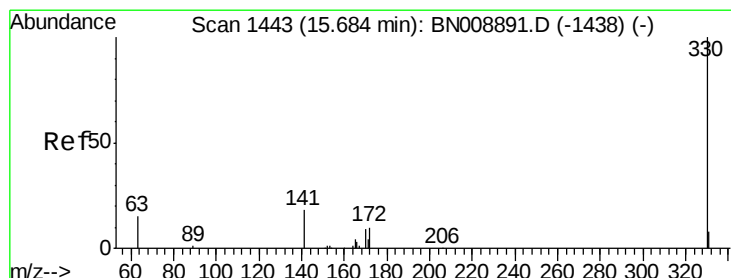
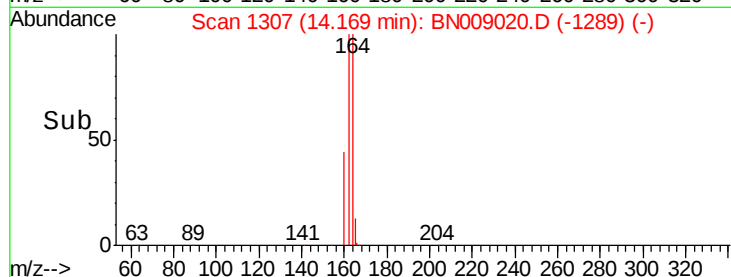
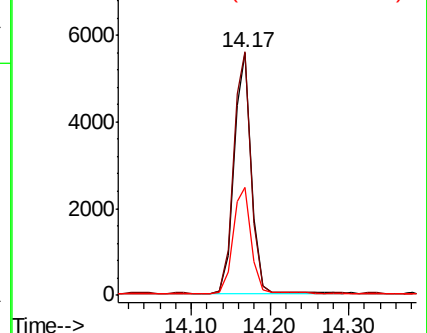
160 44.4 39.3 58.9



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: 0.393 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

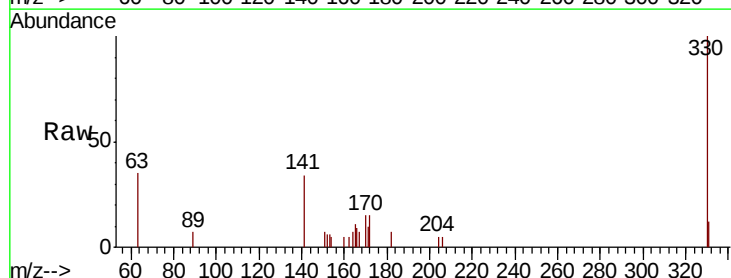
Tgt Ion:330 Resp: 1613

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

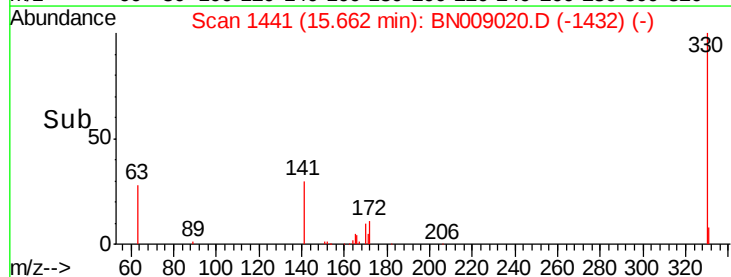
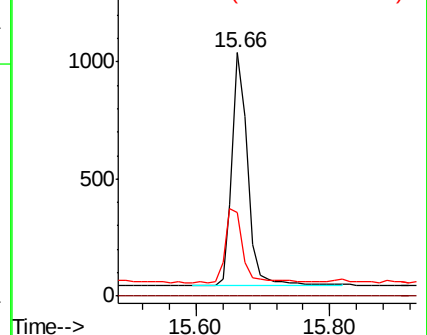
141 35.3 29.6 44.4



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

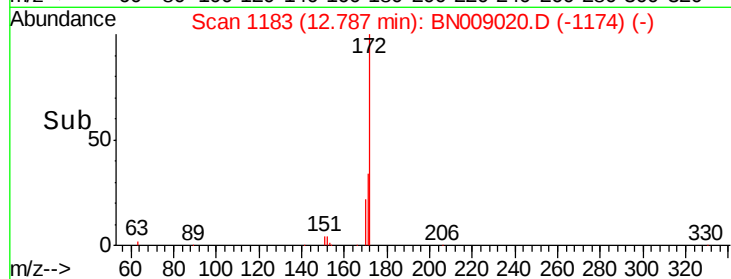
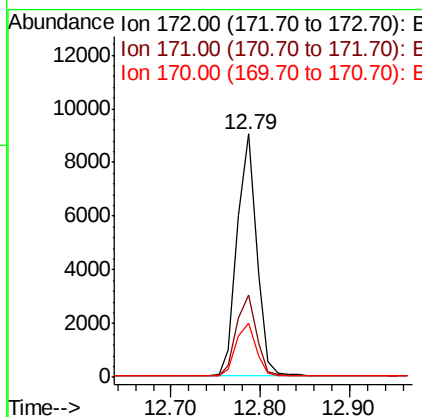
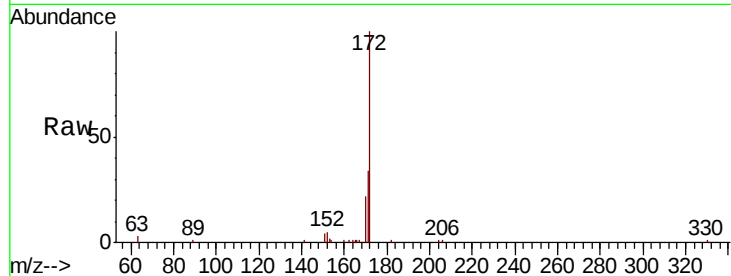




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

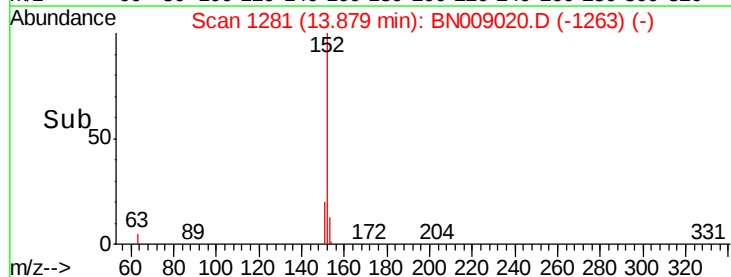
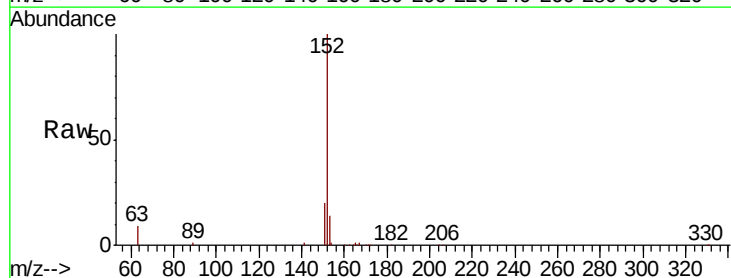
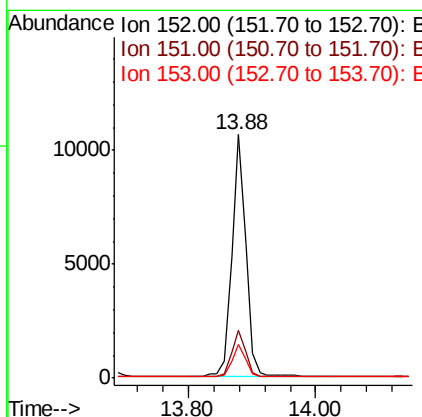
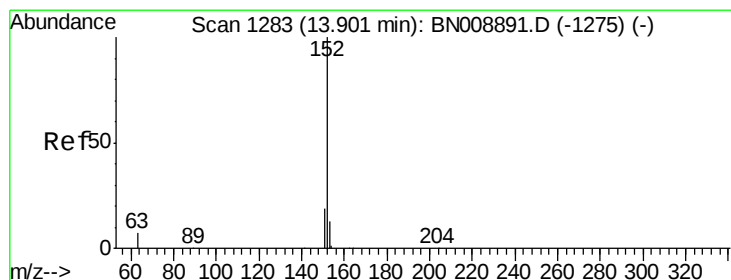
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

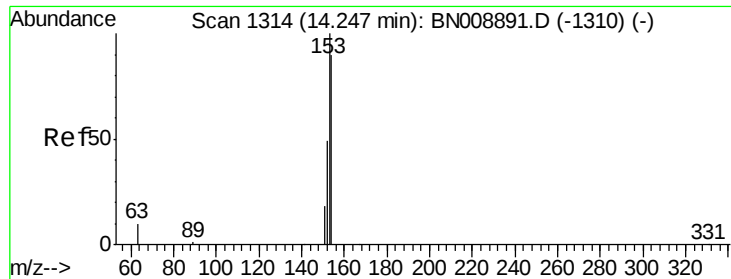
Tot Ion:172 Resp: 13745
Ion Ratio Lower Upper
172 100
171 34.0 27.1 40.7
170 22.2 17.7 26.5



#16
Acenaphthylene
Concen: 0.418 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN009020.D
Acq: 18 Dec 2019 18:16

Tgt Ion:152 Resp: 16344
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.422 ng

RT: 14.22 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

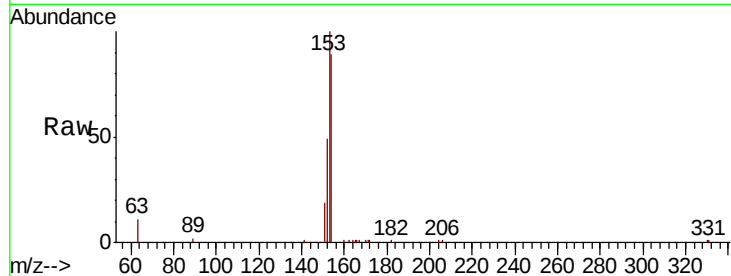
Tot Ion:154 Resp: 10956

Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

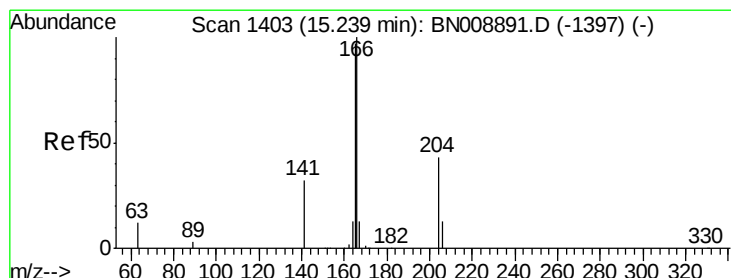
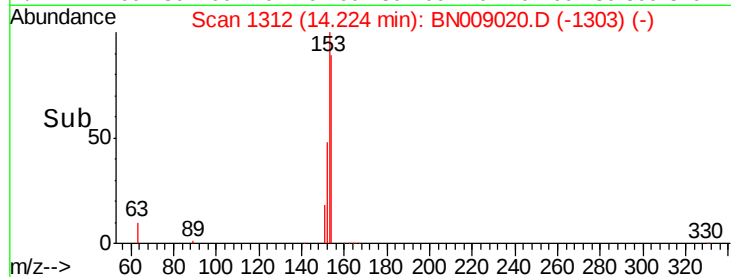
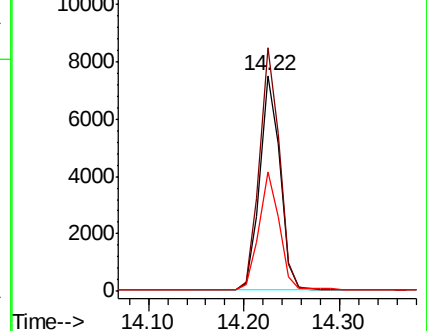
152 54.8 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.422 ng

RT: 15.22 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

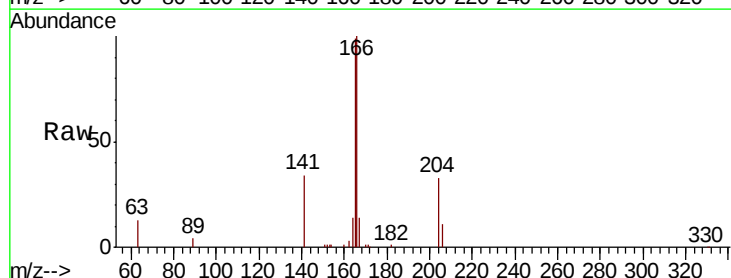
Tgt Ion:166 Resp: 14764

Ion Ratio Lower Upper

166 100

165 96.8 77.3 115.9

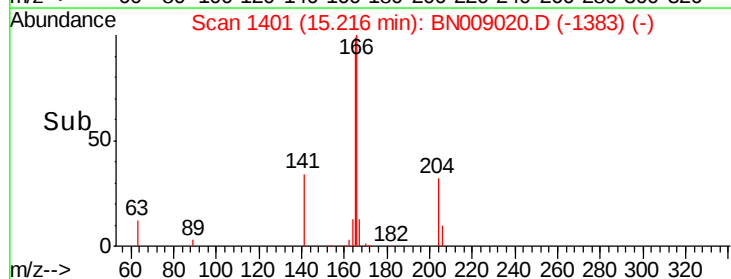
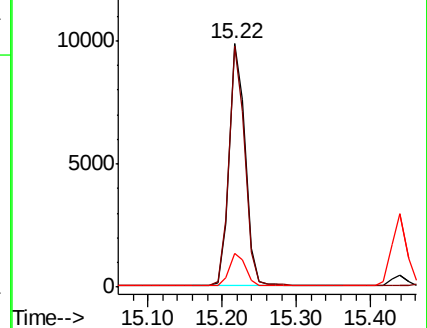
167 13.5 10.8 16.2

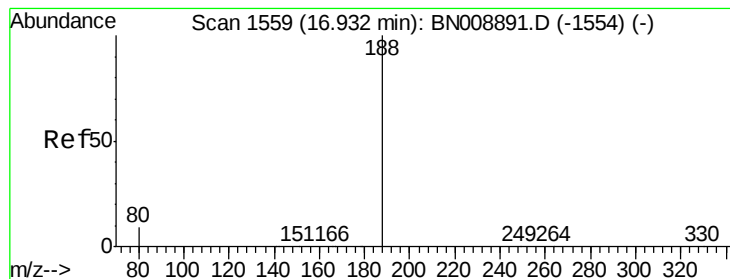


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

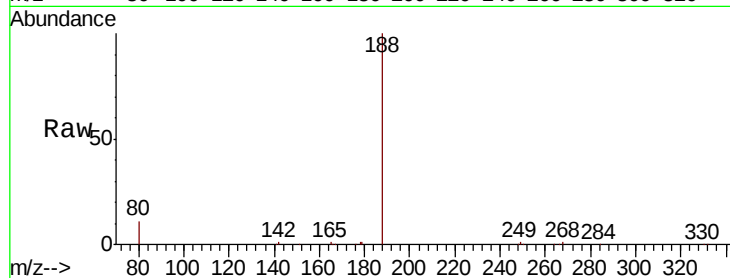
Tot Ion:188 Resp: 19614

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

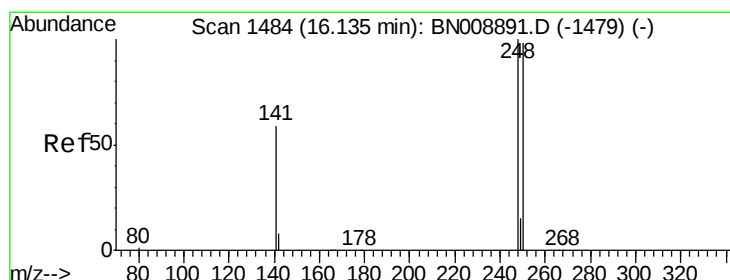
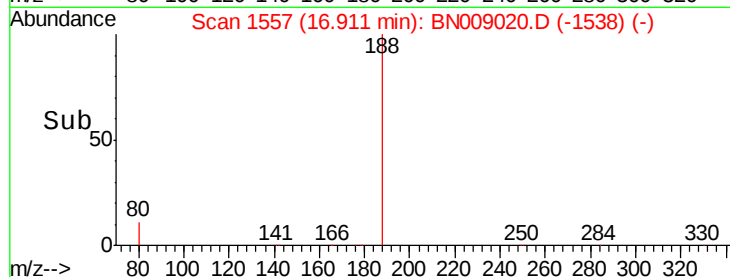
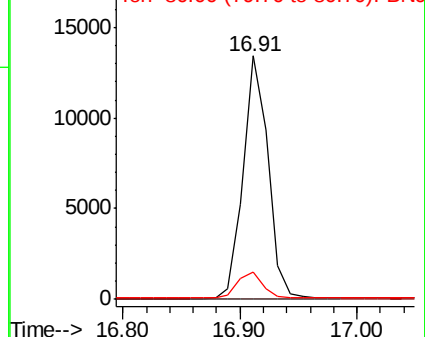
80 11.2 7.3 10.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.426 ng

RT: 16.11 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

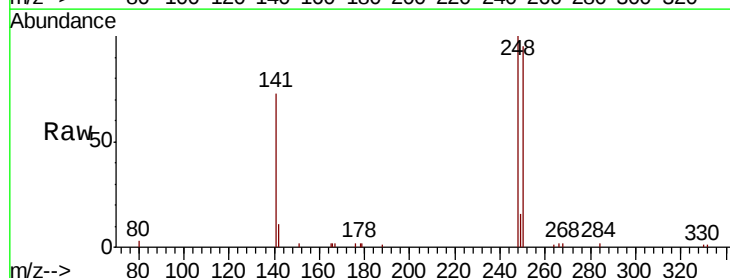
Tgt Ion:248 Resp: 4999

Ion Ratio Lower Upper

248 100

250 95.2 78.7 118.1

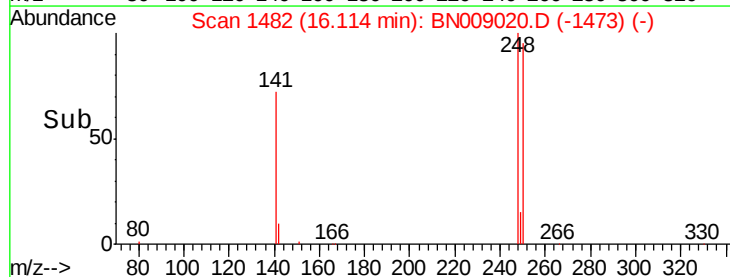
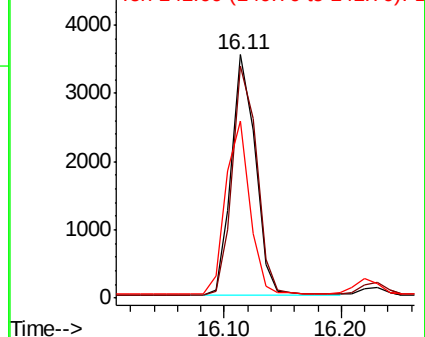
141 72.5 47.9 71.9#

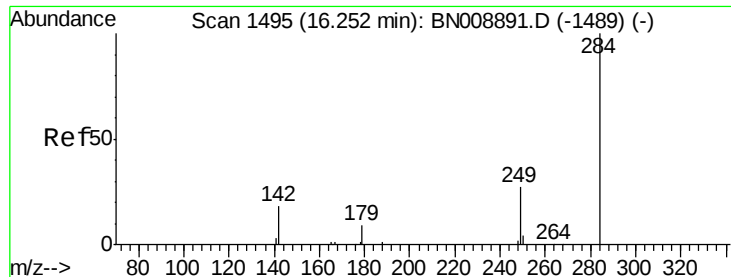


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

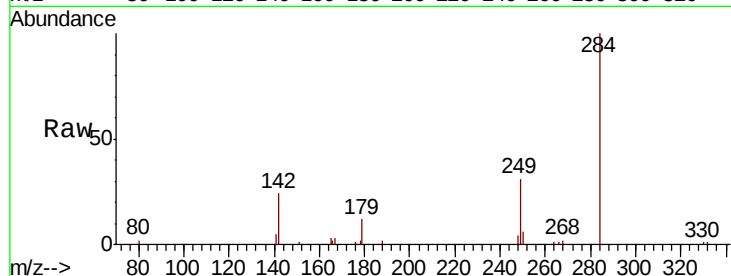
Tot Ion:284 Resp: 5550

Ion Ratio Lower Upper

284 100

142 33.7 27.8 41.6

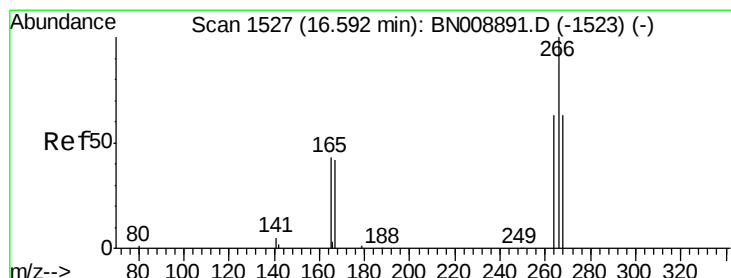
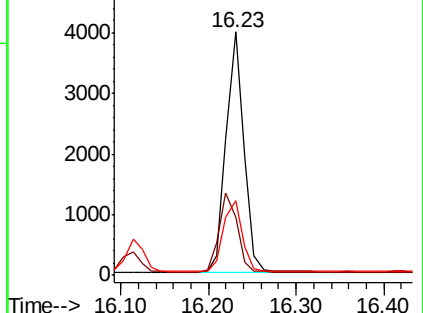
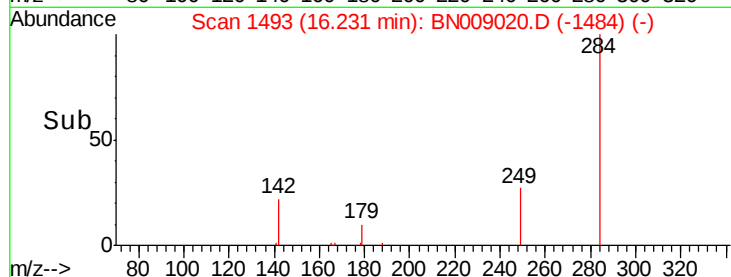
249 30.9 25.3 37.9



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: 0.334 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

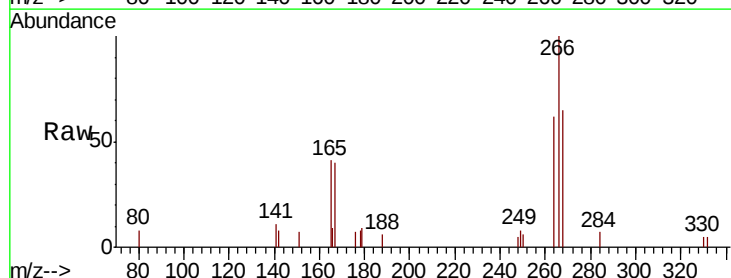
Tgt Ion:266 Resp: 1612

Ion Ratio Lower Upper

266 100

264 62.4 51.5 77.3

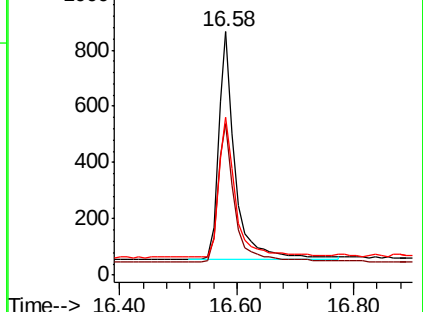
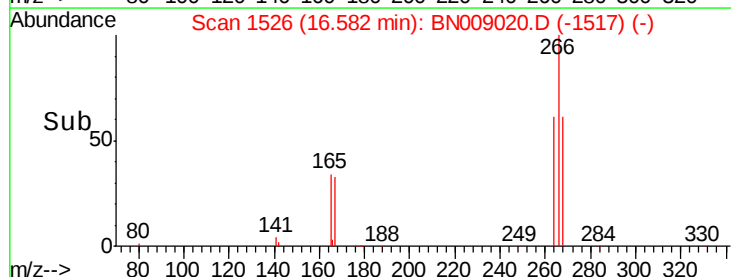
268 65.0 53.1 79.7

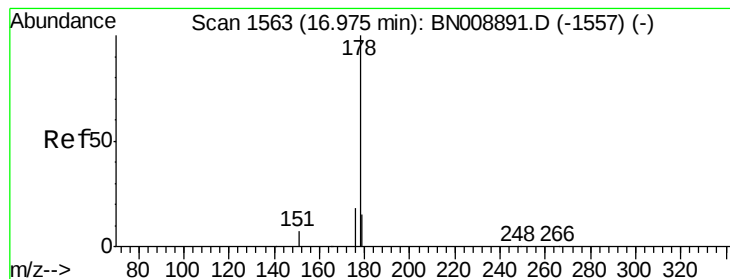


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

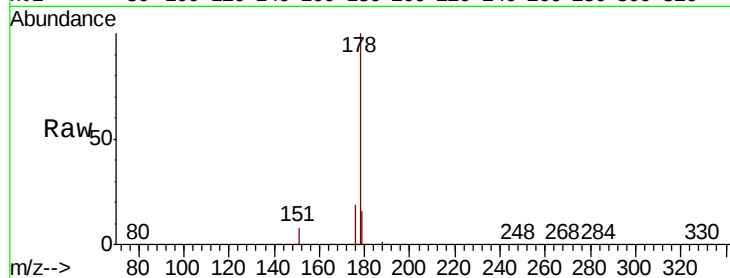
Tot Ion:178 Resp: 25104

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.4 12.3 18.5

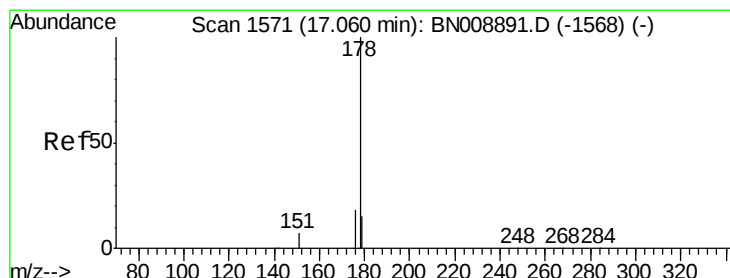
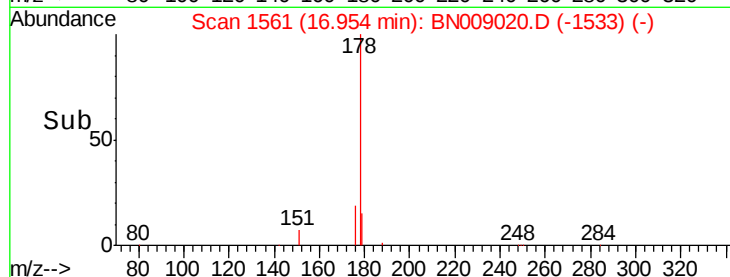
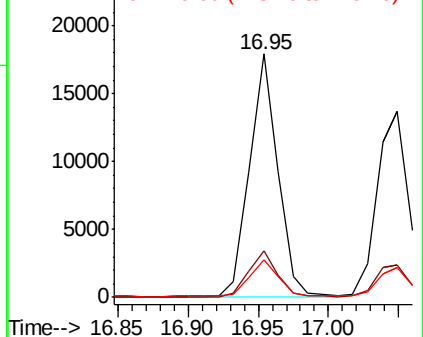


Abundance

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: 0.405 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

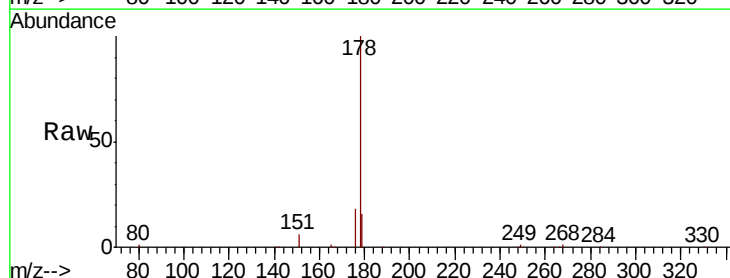
Tgt Ion:178 Resp: 22032

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

179 15.3 12.1 18.1

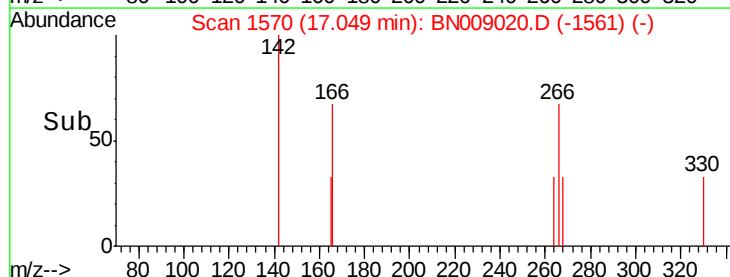
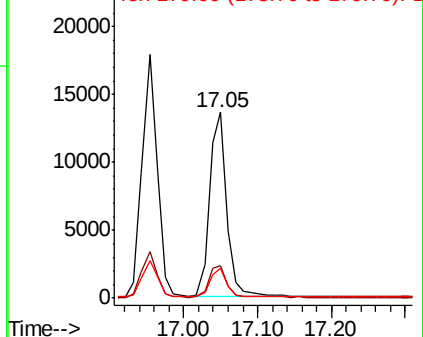


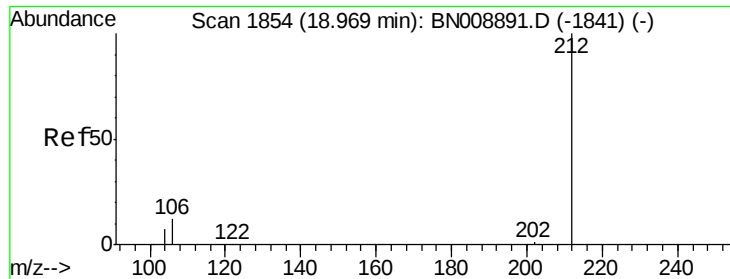
Abundance

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: 0.394 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

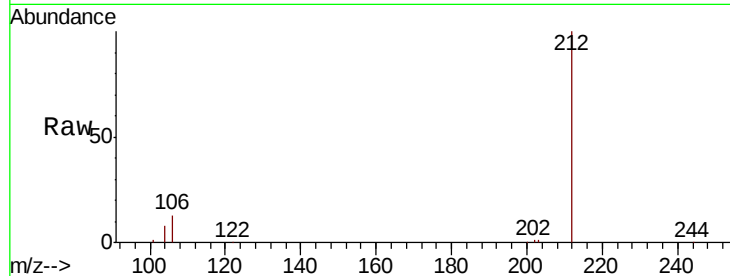
Tot Ion:212 Resp: 23358

Ion Ratio Lower Upper

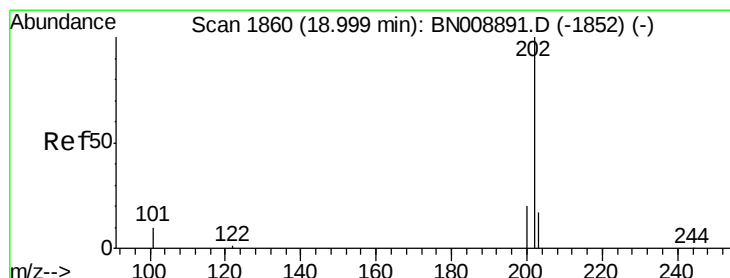
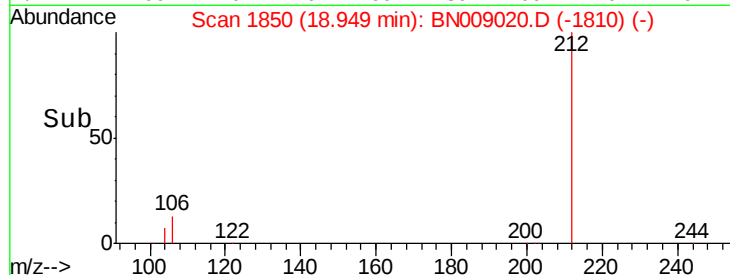
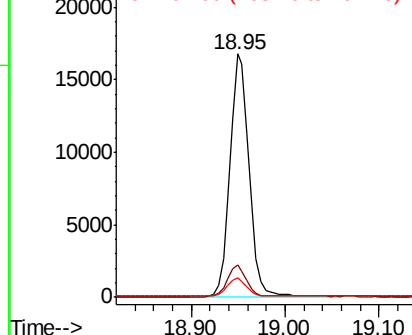
212 100

106 12.9 10.4 15.6

104 7.4 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: 0.401 ng

RT: 18.98 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

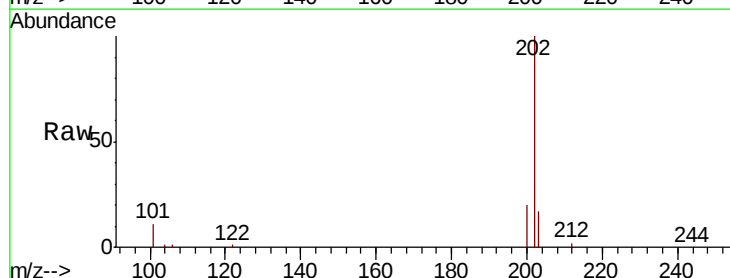
Tgt Ion:202 Resp: 29466

Ion Ratio Lower Upper

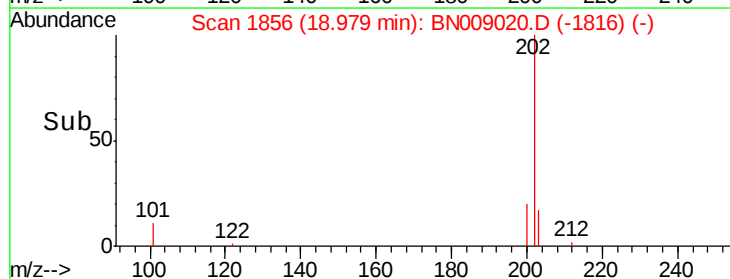
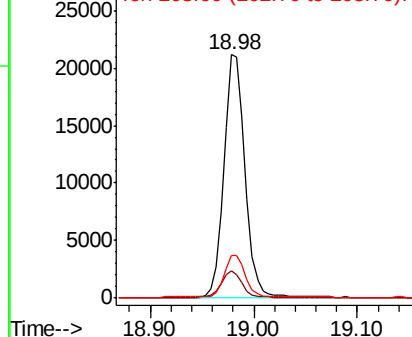
202 100

101 10.9 8.8 13.2

203 17.0 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: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

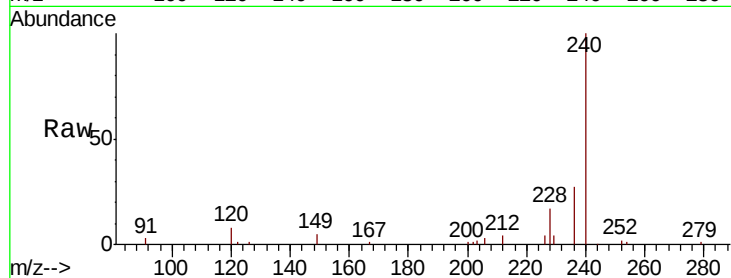
Tot Ion:240 Resp: 17654

Ion Ratio Lower Upper

240 100

120 8.0 9.1 13.7#

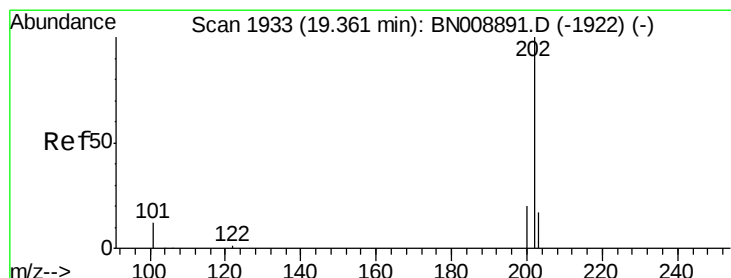
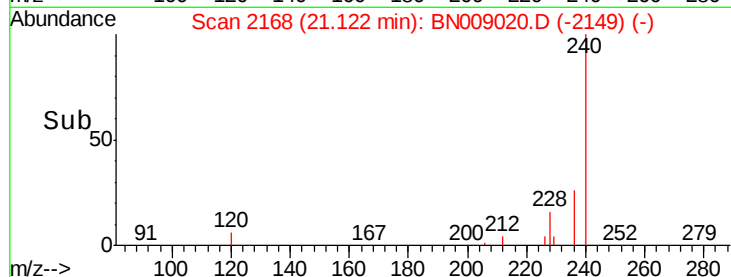
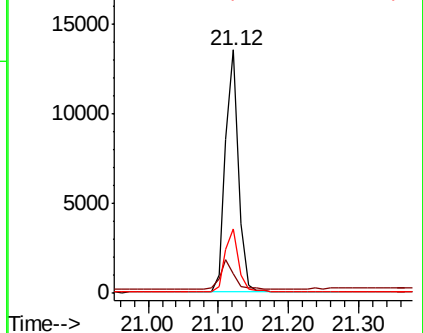
236 26.6 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.477 ng

RT: 19.35 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

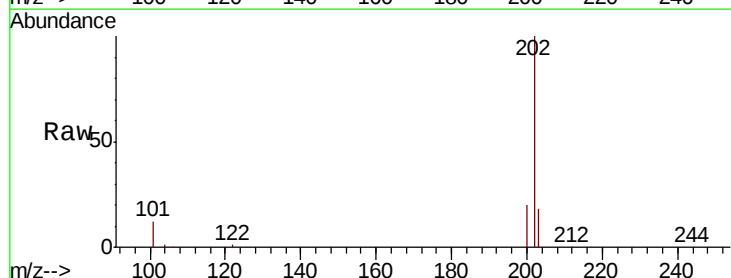
Tgt Ion:202 Resp: 29519

Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

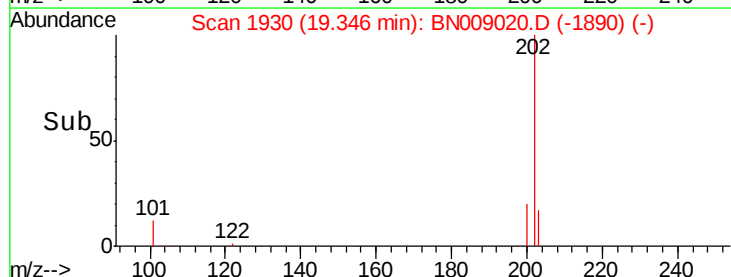
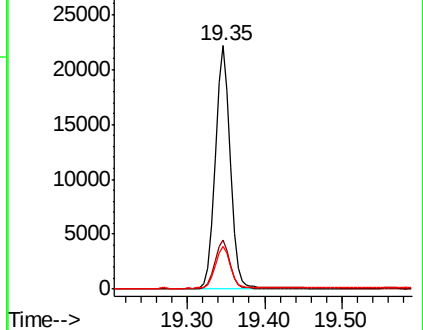
203 17.6 13.9 20.9

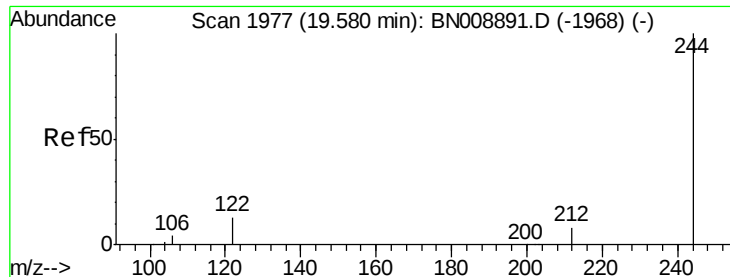


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.465 ng

RT: 19.56 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

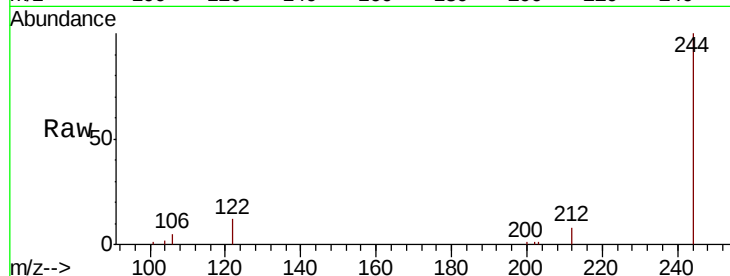
Tot Ion:244 Resp: 18732

Ion Ratio Lower Upper

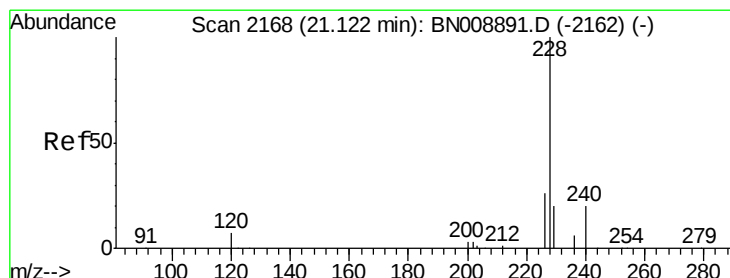
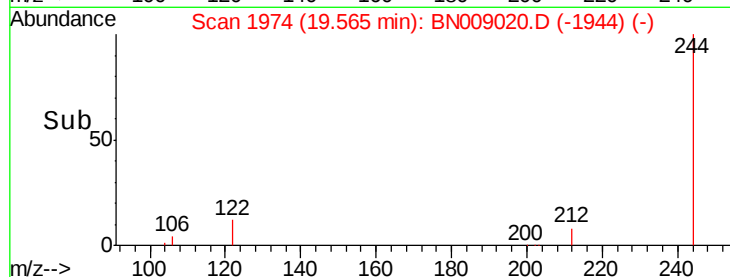
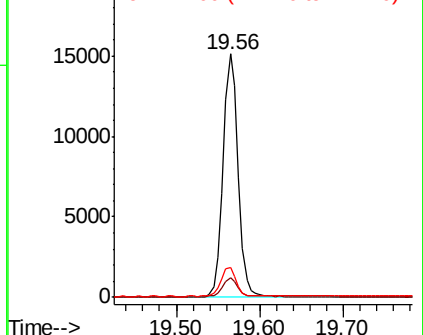
244 100

212 8.0 6.5 9.7

122 12.3 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: 0.430 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

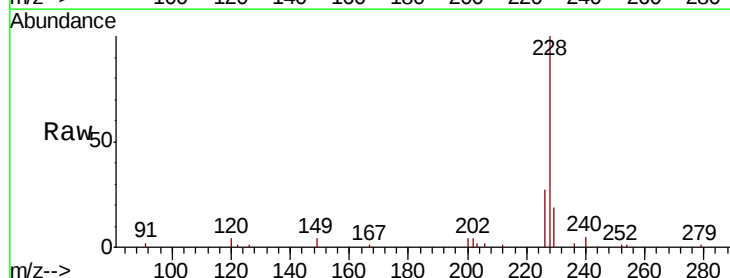
Tgt Ion:228 Resp: 26942

Ion Ratio Lower Upper

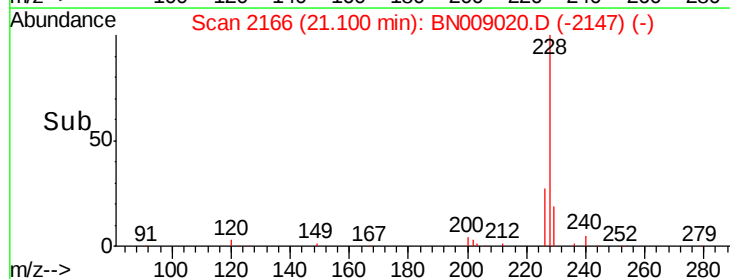
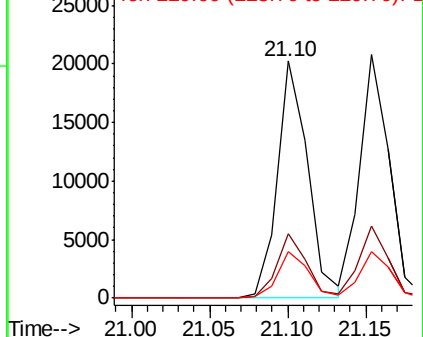
228 100

226 27.2 20.6 30.8

229 19.5 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: 0.418 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

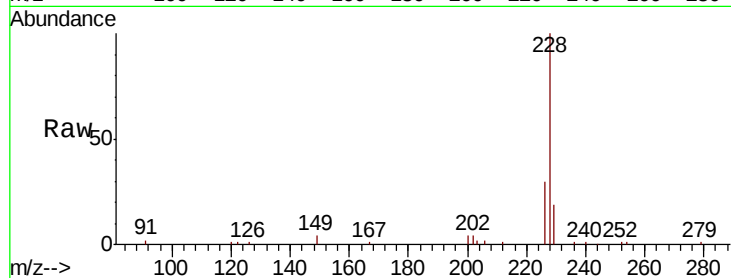
Tot Ion:228 Resp: 27117

Ion Ratio Lower Upper

228 100

226 29.7 22.2 33.4

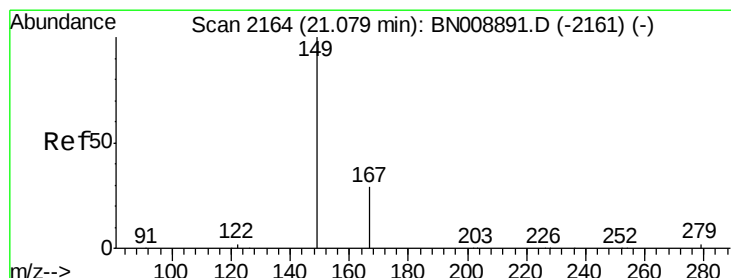
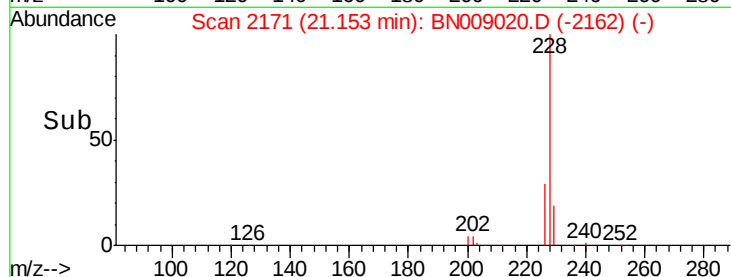
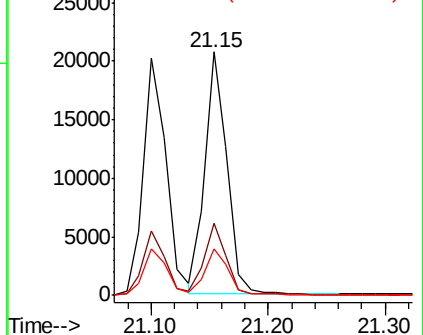
229 19.4 15.9 23.9



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: 0.481 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

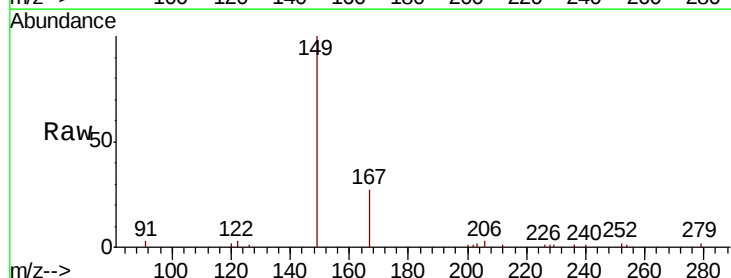
Tgt Ion:149 Resp: 14092

Ion Ratio Lower Upper

149 100

167 28.7 22.7 34.1

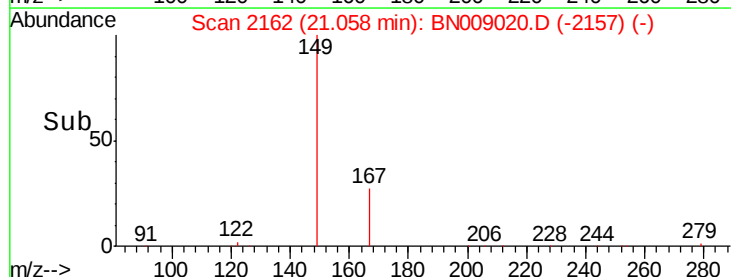
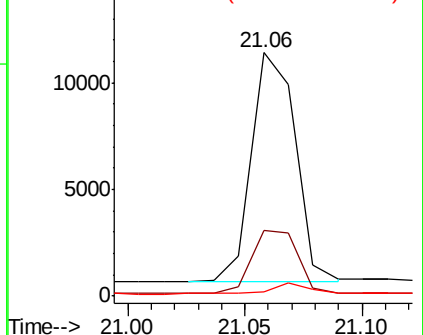
279 3.9 3.3 4.9

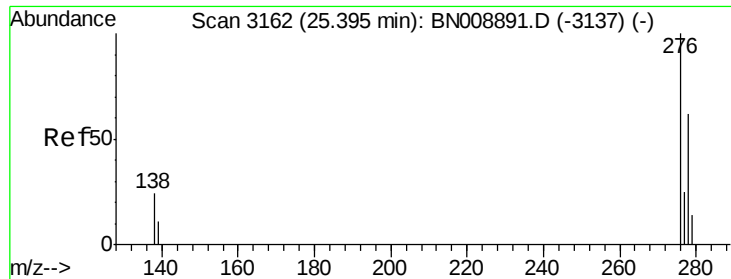


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.369 ng

RT: 25.36 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

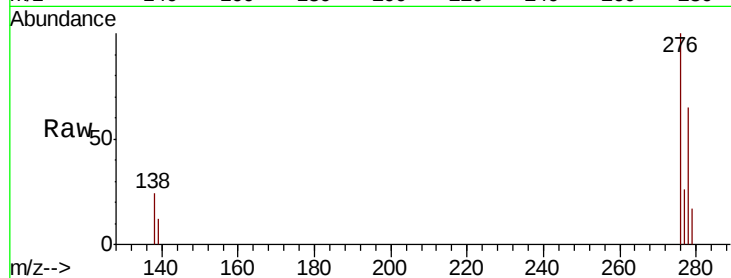
Tot Ion:276 Resp: 25356

Ion Ratio Lower Upper

276 100

138 24.8 19.9 29.9

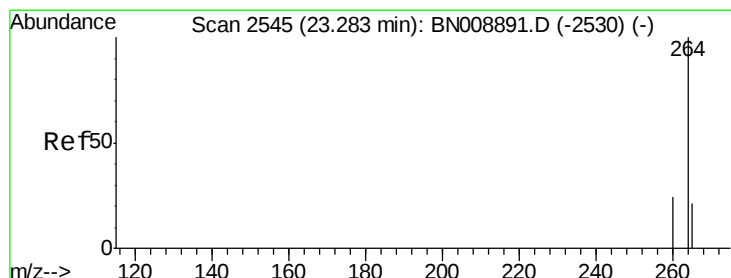
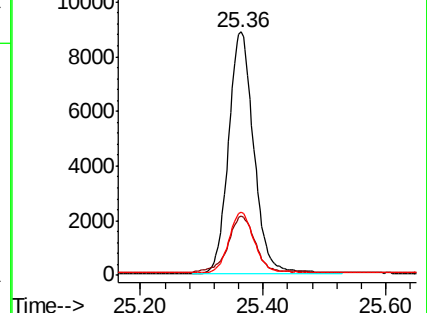
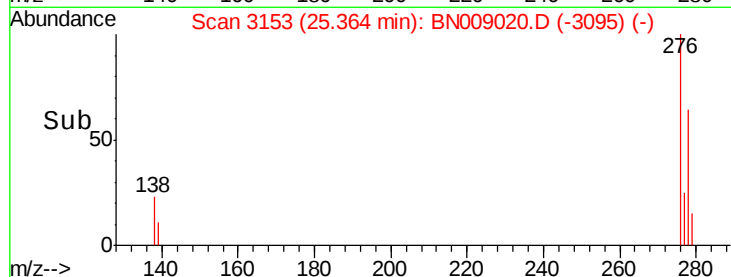
277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

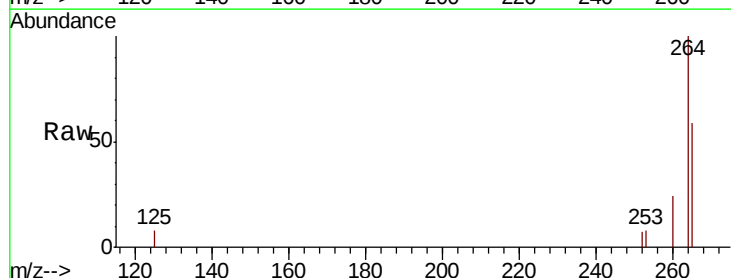
Tgt Ion:264 Resp: 16395

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

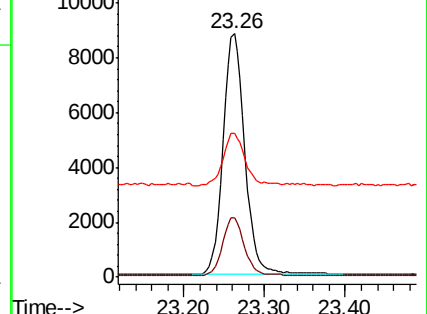
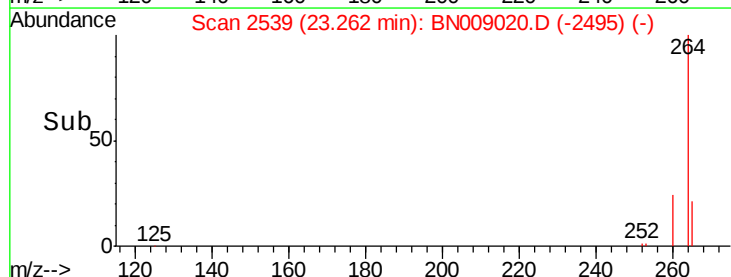
265 59.0 47.5 71.3

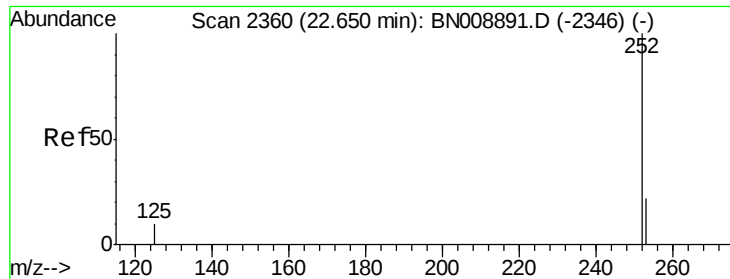


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.427 ng

RT: 22.63 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

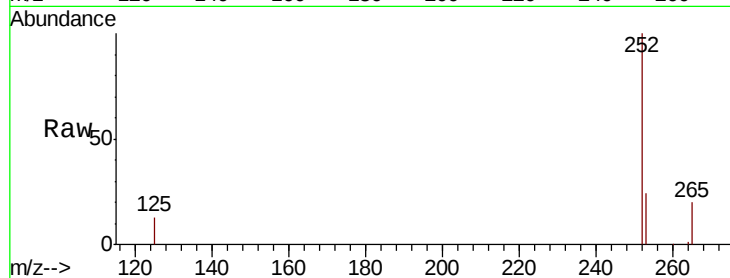
Tot Ion:252 Resp: 25066

Ion Ratio Lower Upper

252 100

253 24.4 19.8 29.6

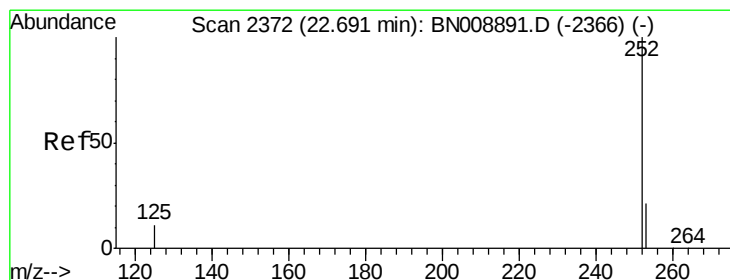
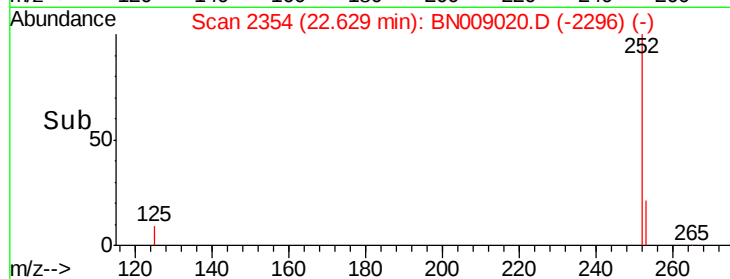
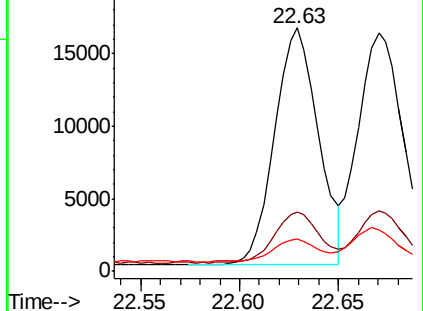
125 13.2 10.8 16.2



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: 0.424 ng

RT: 22.63 min Scan# 2354

Delta R.T. -0.04 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

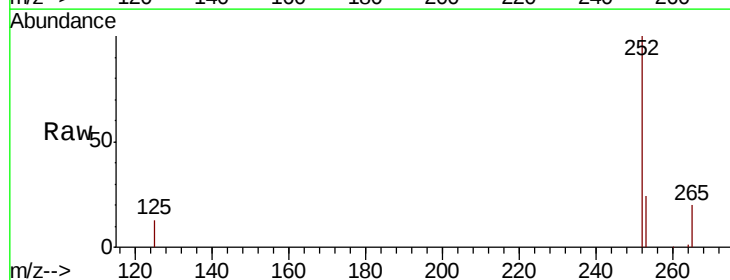
Tgt Ion:252 Resp: 25066

Ion Ratio Lower Upper

252 100

253 24.4 19.2 28.8

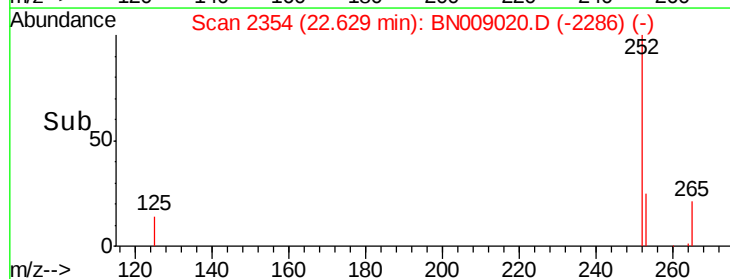
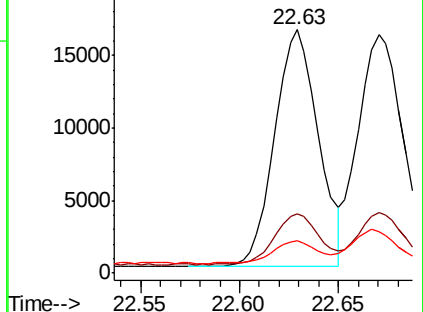
125 13.2 11.6 17.4

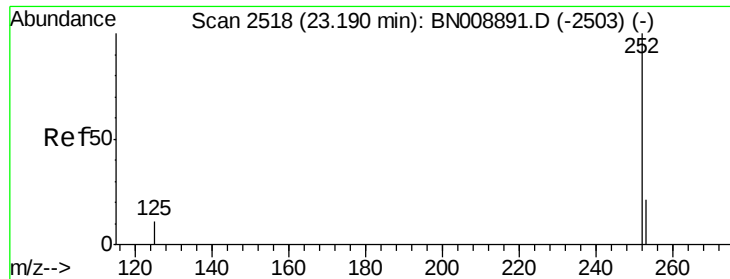


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.423 ng

RT: 23.17 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

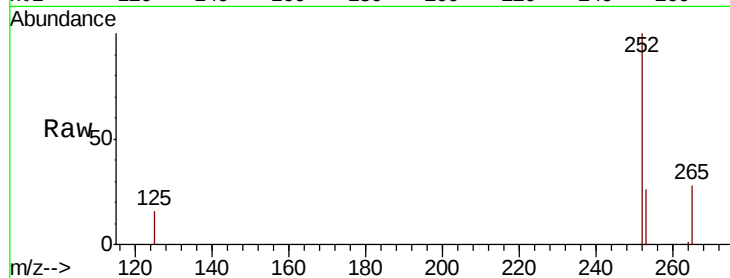
Tot Ion:252 Resp: 22299

Ion Ratio Lower Upper

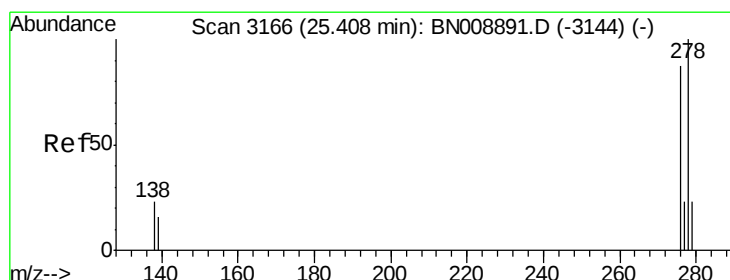
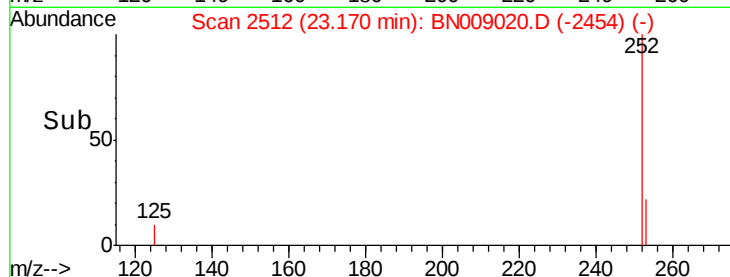
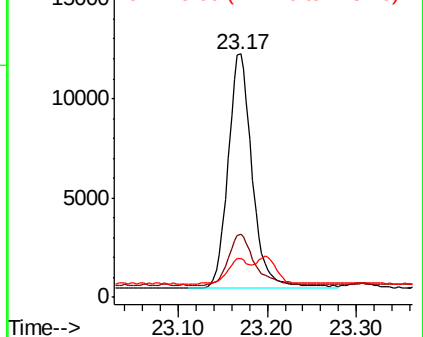
252 100

253 26.1 19.9 29.9

125 15.8 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: 0.413 ng

RT: 25.37 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

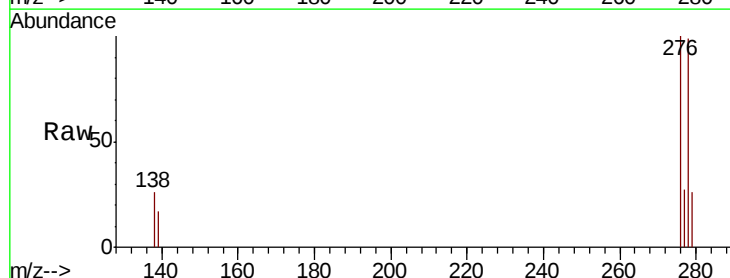
Tgt Ion:278 Resp: 20419

Ion Ratio Lower Upper

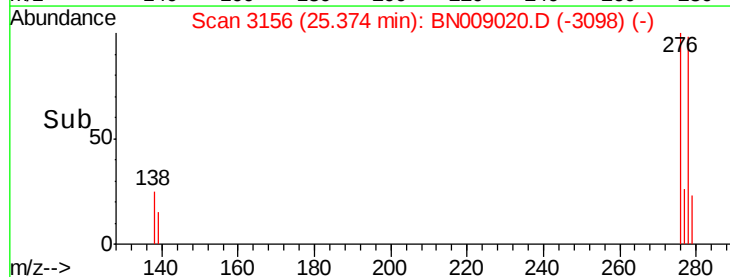
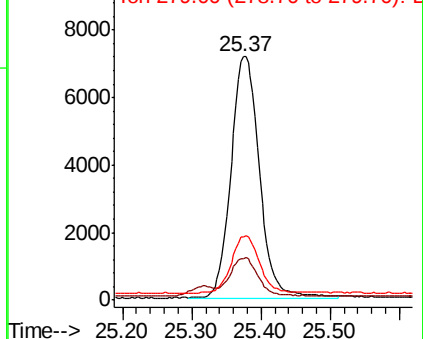
278 100

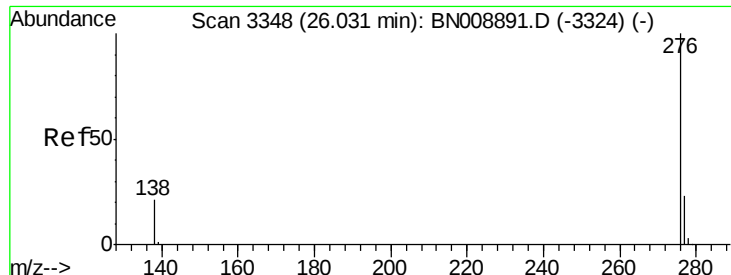
139 16.9 13.9 20.9

279 26.2 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: 0.423 ng

RT: 26.00 min Scan# 3339

Delta R.T. 0.00 min

Lab File: BN009020.D

Acq: 18 Dec 2019 18:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

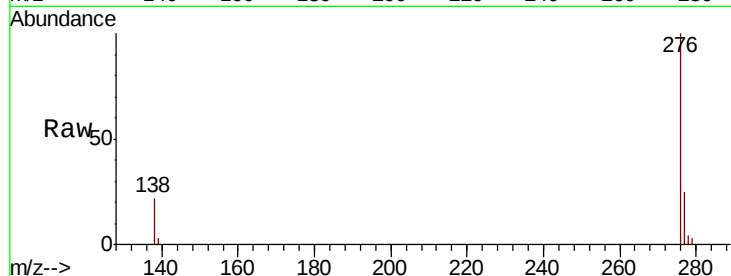
Tot Ion: 276 Resp: 20621

Ion Ratio Lower Upper

276 100

277 25.0 19.4 29.2

138 22.0 17.8 26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

