

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010494.D
 Acq On : 15 Apr 2020 01:07
 Operator : CG/JU
 Sample : PB128093BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 15 02:04:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3661	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	15098	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	9979	0.40	ng	-0.01
19) Phenanthrene-d10	16.97	188	23254	0.40	ng	-0.01
27) Chrysene-d12	21.18	240	23397	0.40	ng	-0.01
34) Perylene-d12	23.35	264	20581	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2881	0.36	ng	0.00
5) Phenol-d6	6.79	99	3653	0.35	ng	0.00
8) Nitrobenzene-d5	8.73	82	5531	0.52	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	10361	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1480	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	19523	0.54	ng	0.00
25) Fluoranthene-d10	19.01	212	19924	0.28	ng	0.00
29) Terphenyl-d14	19.62	244	25469	0.48	ng	0.00

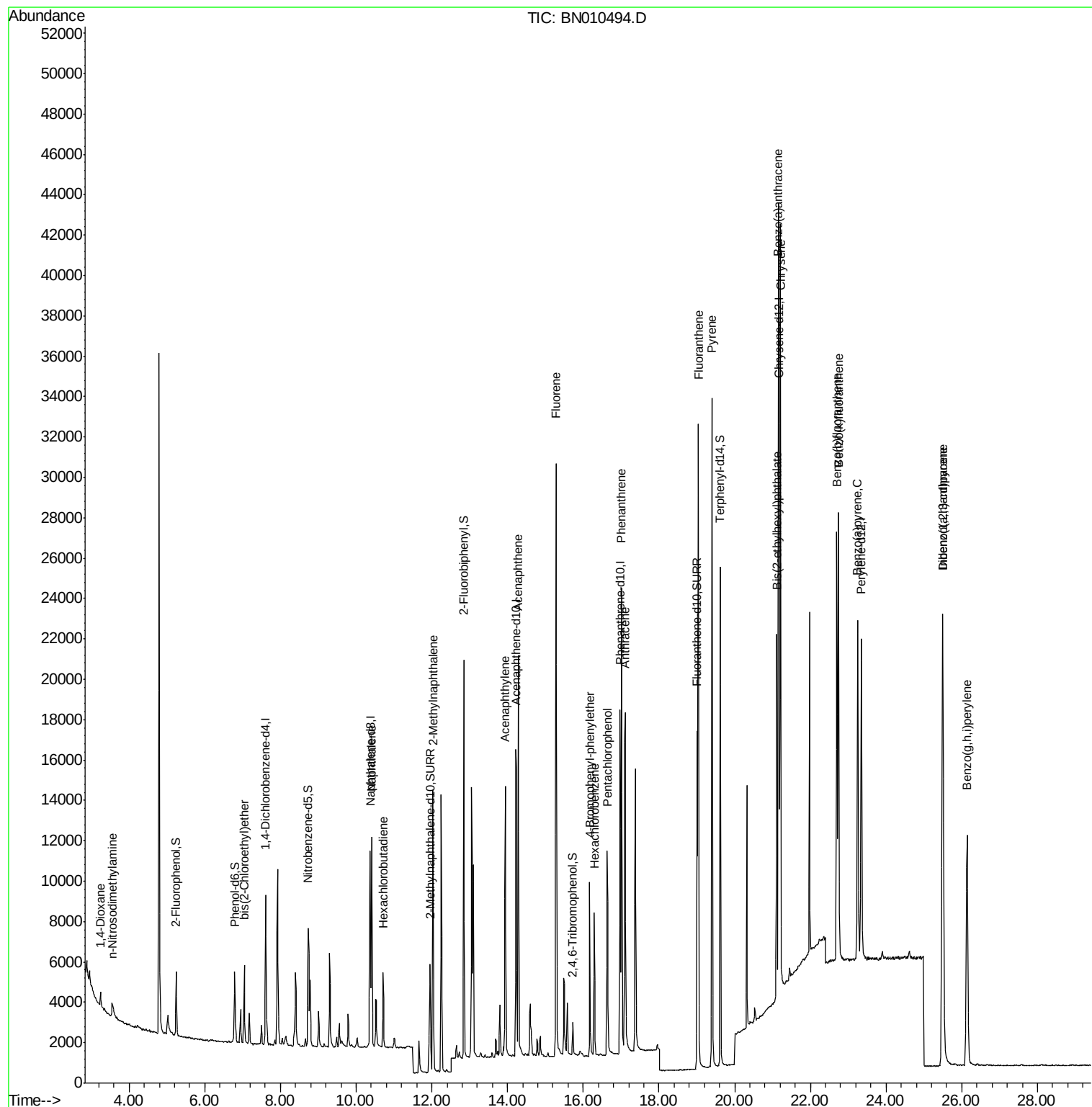
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	627	0.233	ng	# 78
3) n-Nitrosodimethylamine	3.55	42	650	0.372	ng	# 96
6) bis(2-Chloroethyl)ether	7.04	93	3399	0.374	ng	99
9) Naphthalene	10.41	128	13885	0.370	ng	98
10) Hexachlorobutadiene	10.71	225	3082	0.341	ng	# 100
12) 2-Methylnaphthalene	12.03	142	10279	0.382	ng	99
16) Acenaphthylene	13.94	152	15547	0.361	ng	99
17) Acenaphthene	14.29	154	10270	0.371	ng	98
18) Fluorene	15.28	166	13491	0.372	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	4438	0.344	ng	# 85
21) Hexachlorobenzene	16.29	284	5401	0.366	ng	99
22) Pentachlorophenol	16.63	266	5614	0.968	ng	96
23) Phenanthrene	17.01	178	23342	0.372	ng	100
24) Anthracene	17.11	178	21137	0.368	ng	99
26) Fluoranthene	19.04	202	29849	0.382	ng	100
28) Pyrene	19.40	202	30506	0.387	ng	99
30) Benzo(a)anthracene	21.16	228	29116	0.381	ng	99
31) Chrysene	21.21	228	29932	0.394	ng	100
32) Bis(2-ethylhexyl)phthalate	21.11	149	12752	0.326	ng	98
33) Indeno(1,2,3-cd)pyrene	25.49	276	27412	0.408	ng	99
35) Benzo(b)fluoranthene	22.70	252	26704	0.394	ng	100
36) Benzo(k)fluoranthene	22.74	252	27376	0.403	ng	100
37) Benzo(a)pyrene	23.25	252	24049	0.401	ng	99
38) Dibenzo(a,h)anthracene	25.51	278	22583	0.412	ng	99
39) Benzo(g,h,i)perylene	26.14	276	23427	0.424	ng	99

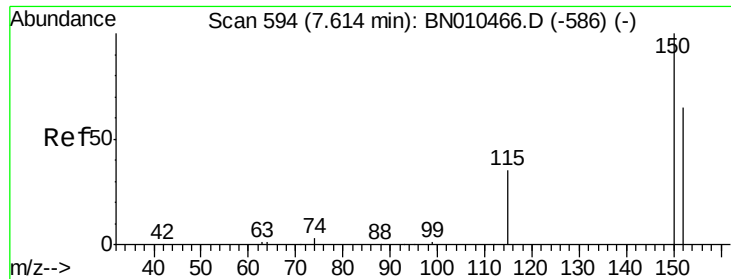
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
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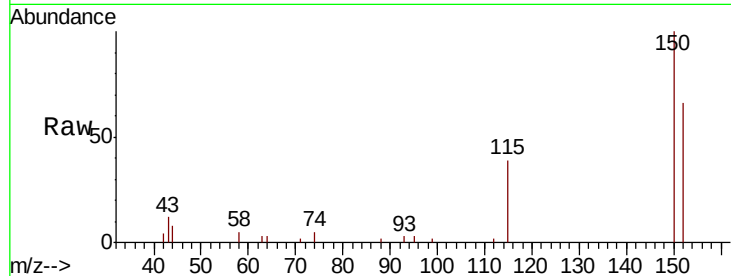


#1

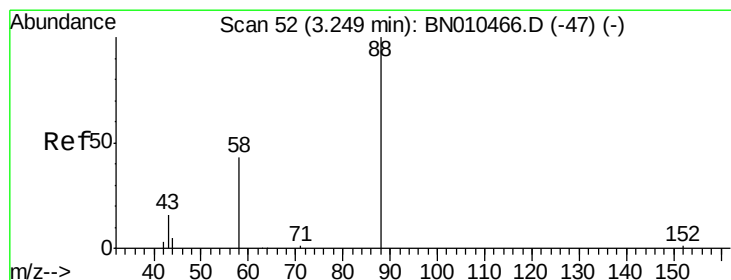
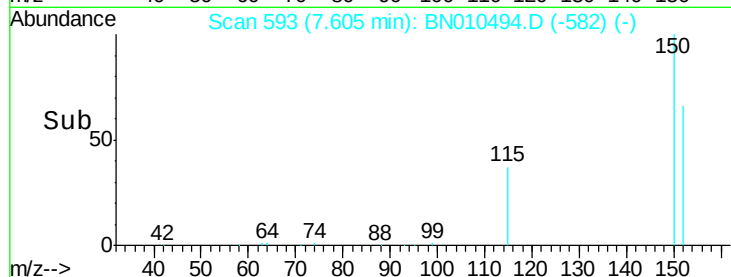
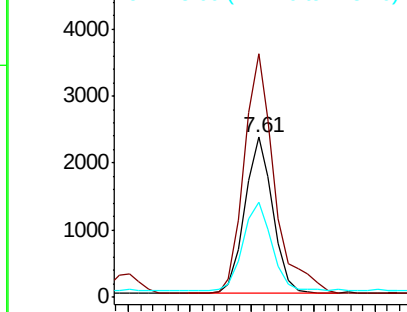
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010494.D
Acq: 15 Apr 2020 01:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3661
Ion Ratio Lower Upper
152 100
150 152.1 121.8 182.6
115 59.5 45.5 68.3



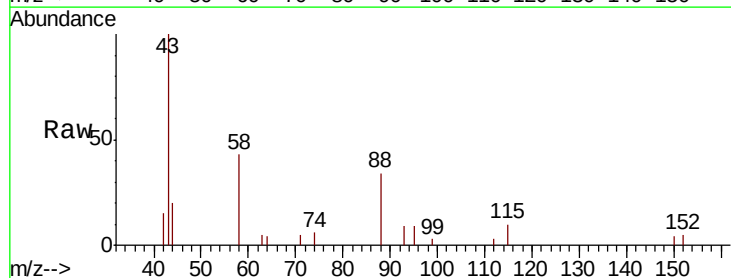
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



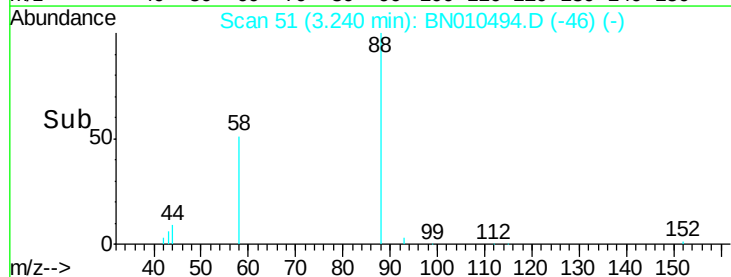
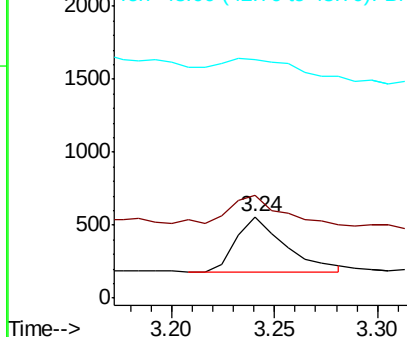
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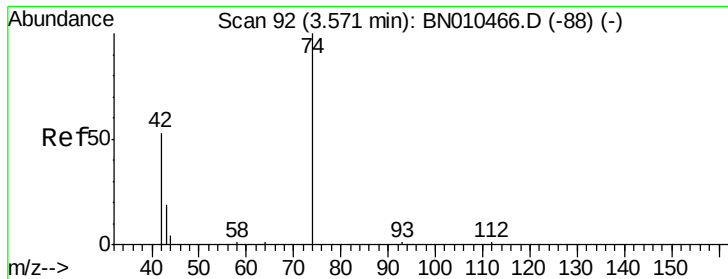
1,4-Dioxane
Concen: 0.233 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010494.D
Acq: 15 Apr 2020 01:07

Tgt Ion: 88 Resp: 627
Ion Ratio Lower Upper
88 100
58 51.2 36.5 54.7
43 42.1 13.2 19.8#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0



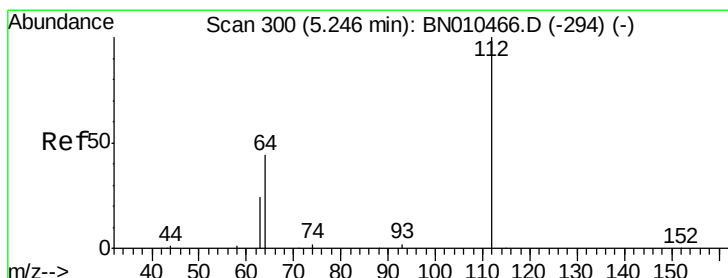
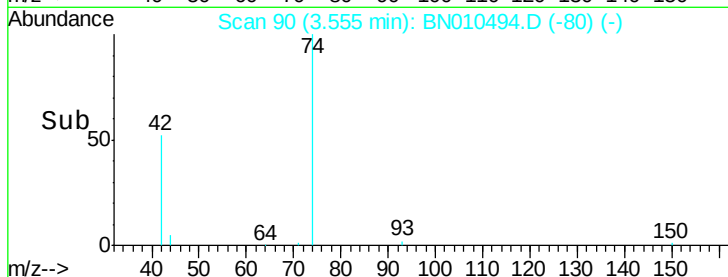
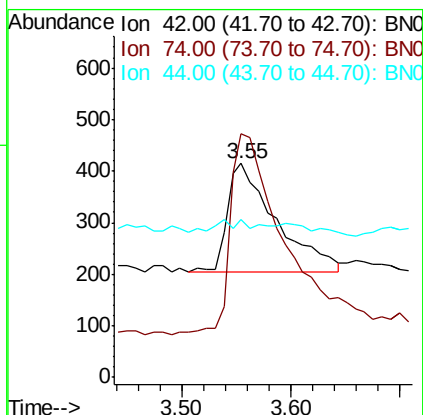
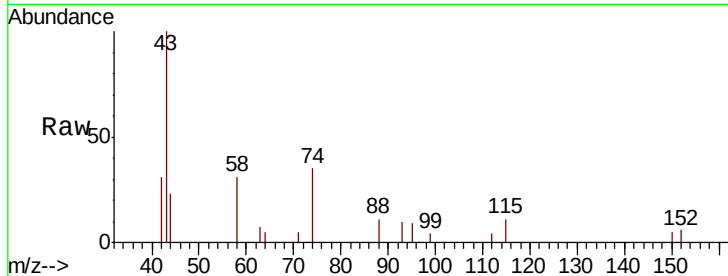


#3

n-Nitrosodimethylamine
 Concen: 0.372 ng
 RT: 3.55 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BN010494.D
 Acq: 15 Apr 2020 01:07

Instrument :
 BNA_N
 ClientSampleId :

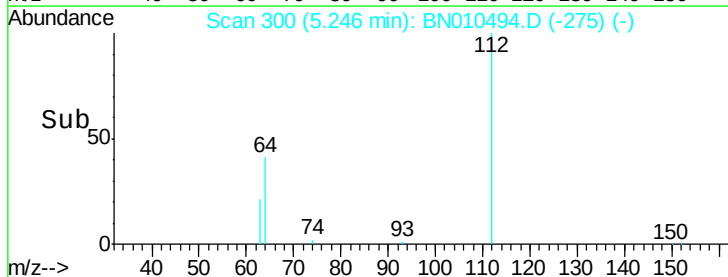
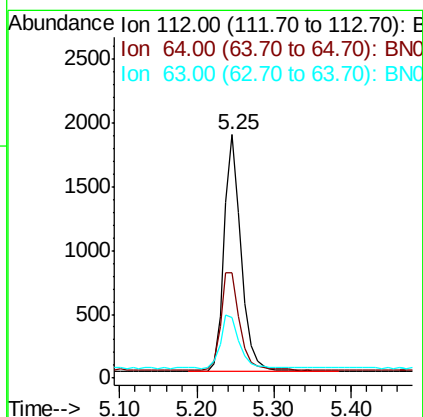
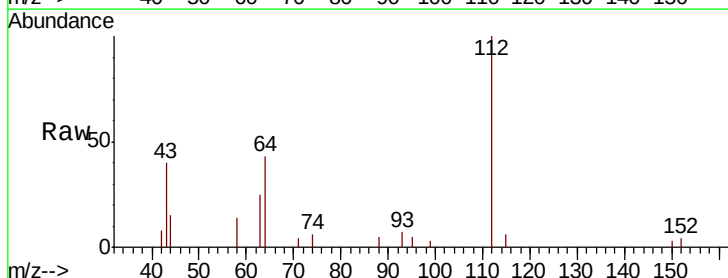
Tot Ion: 42 Resp: 650
 Ion Ratio Lower Upper
 42 100
 74 208.8 162.2 243.4
 44 8.0 2.4 3.6#

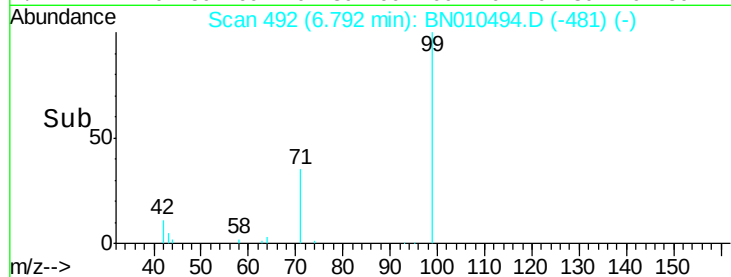
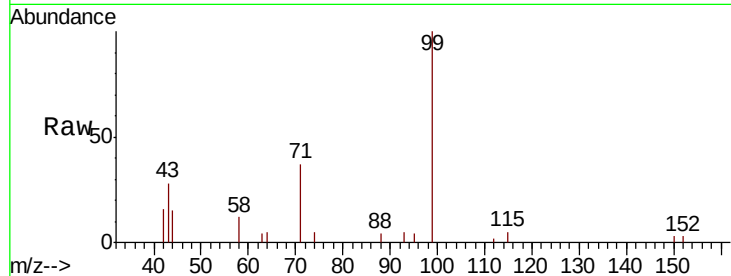
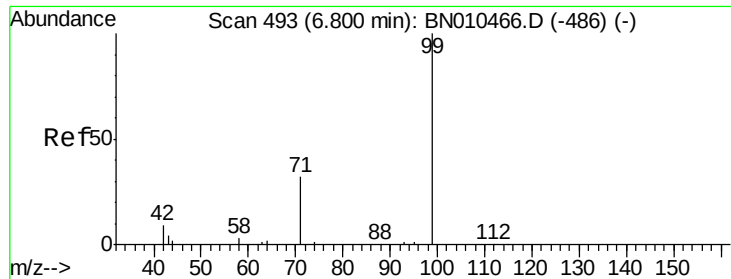


#4

2-Fluorophenol
 Concen: 0.359 ng
 RT: 5.25 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BN010494.D
 Acq: 15 Apr 2020 01:07

Tgt Ion: 112 Resp: 2881
 Ion Ratio Lower Upper
 112 100
 64 46.7 35.8 53.8
 63 24.5 19.9 29.9





#5

Phenol-d6

Concen: 0.349 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampled :

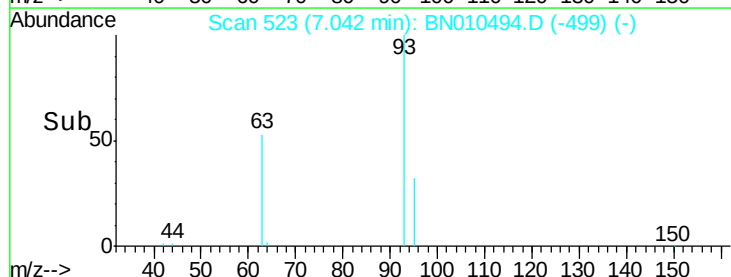
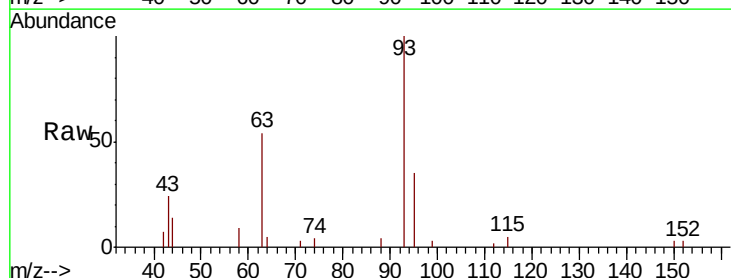
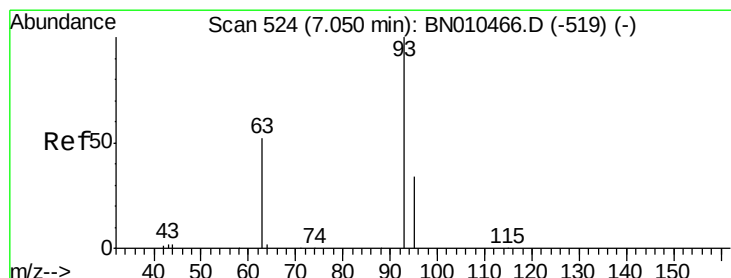
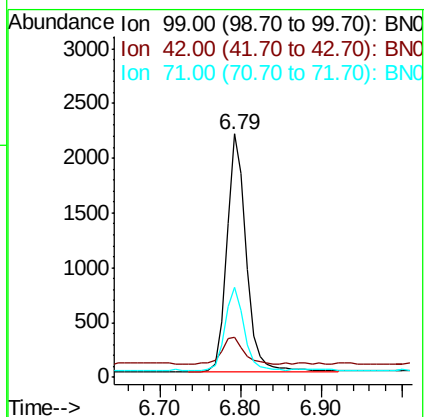
Tot Ion: 99 Resp: 3653

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.6

71 34.5 27.8 41.8



#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

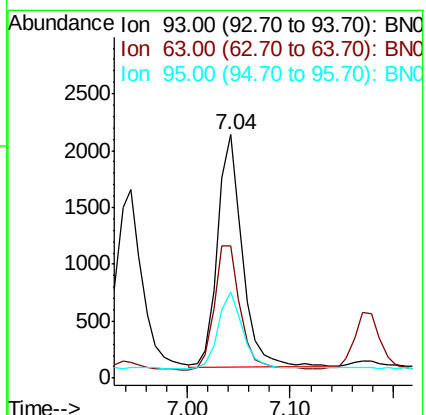
Tgt Ion: 93 Resp: 3399

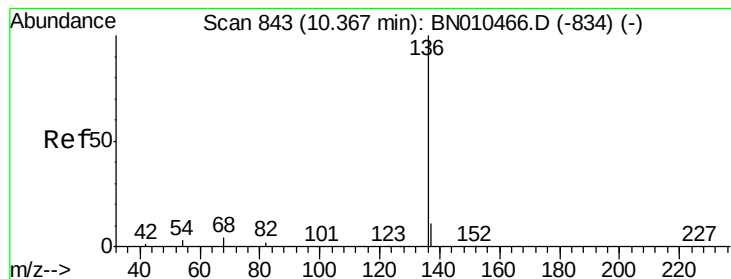
Ion Ratio Lower Upper

93 100

63 56.3 44.6 66.8

95 33.6 26.5 39.7





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15098

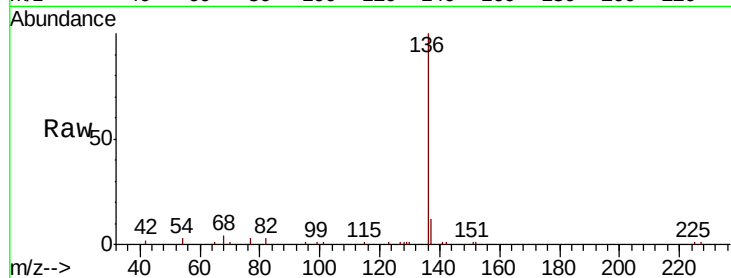
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.0 2.6 4.0

68 3.7 3.4 5.2

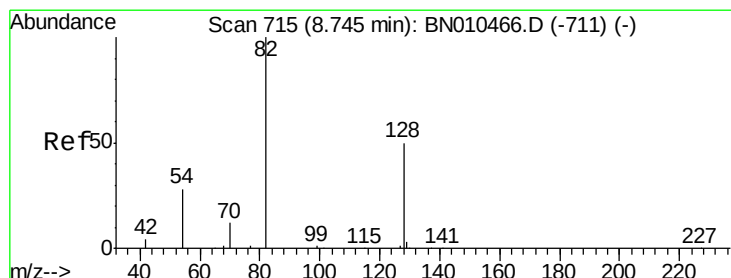
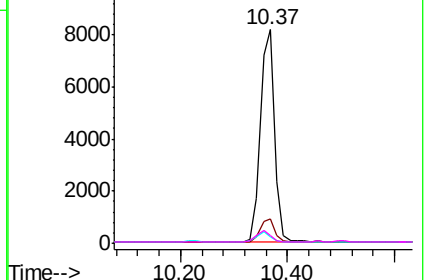
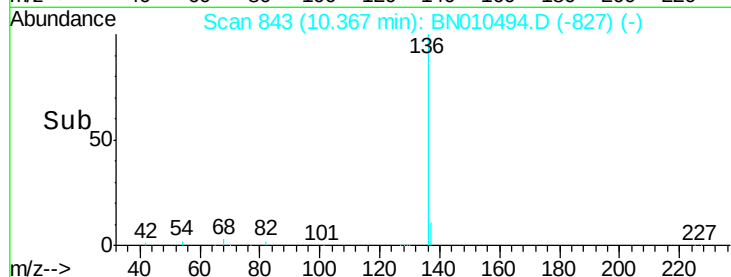


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.524 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

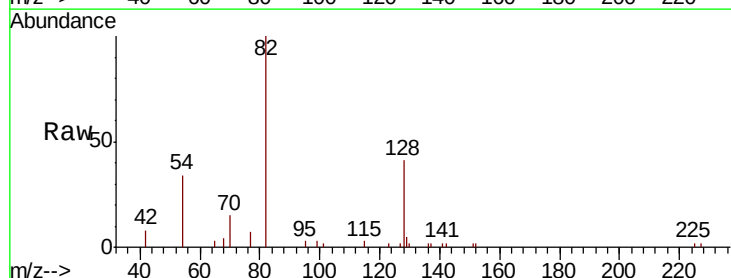
Tgt Ion: 82 Resp: 5531

Ion Ratio Lower Upper

82 100

128 40.5 41.3 61.9#

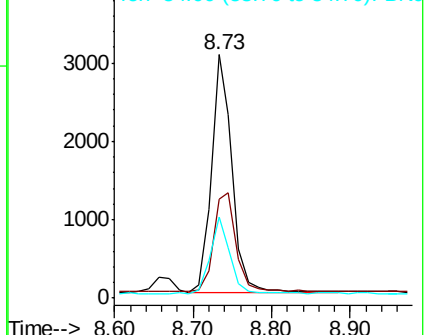
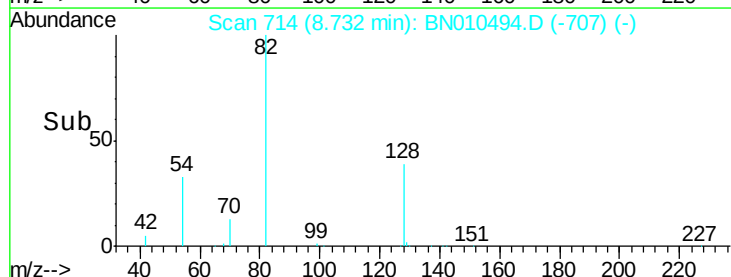
54 33.5 23.4 35.0

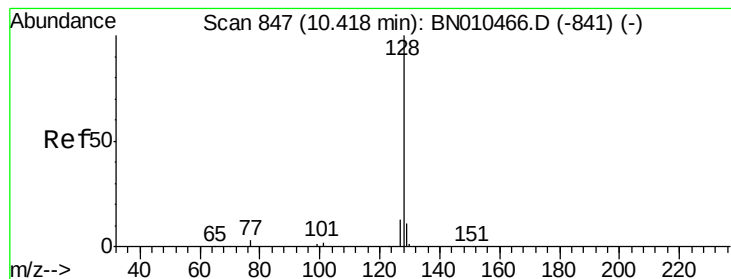


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.370 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampled :

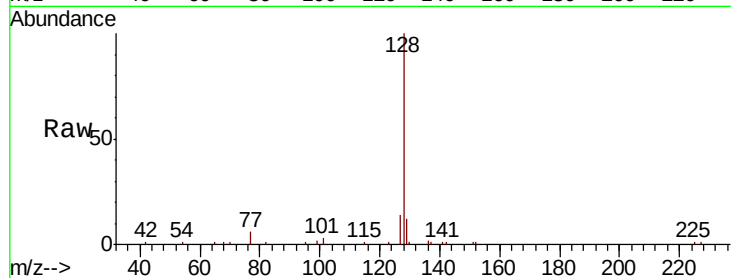
Tot Ion:128 Resp: 13885

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

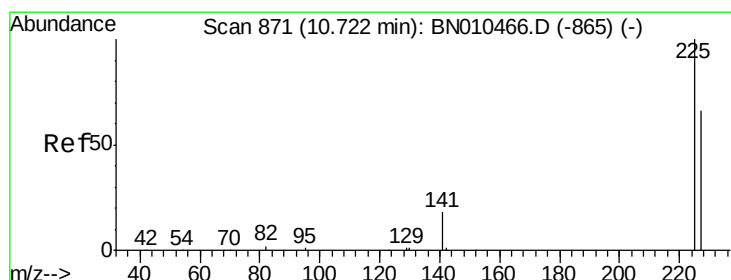
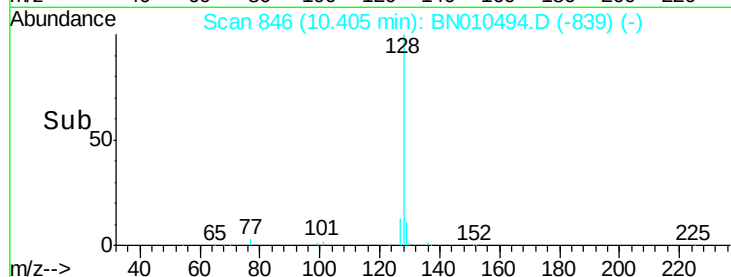
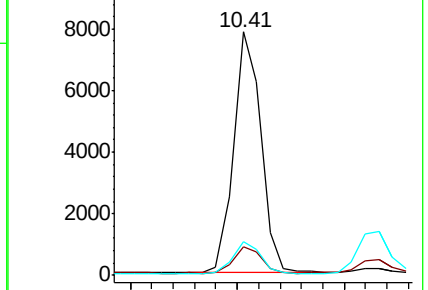
127 14.0 10.5 15.7



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: 0.341 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

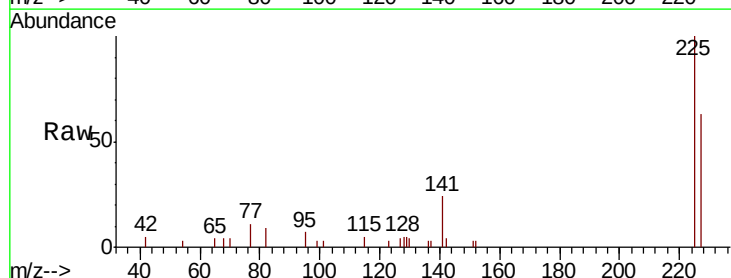
Tgt Ion:225 Resp: 3082

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

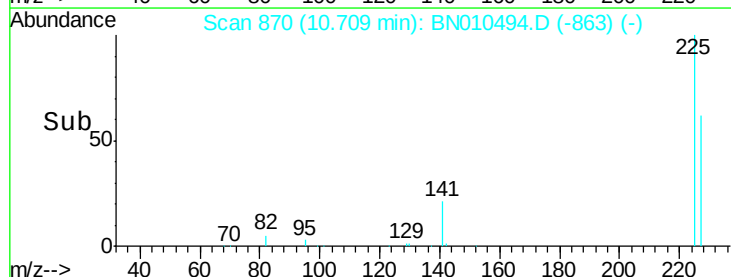
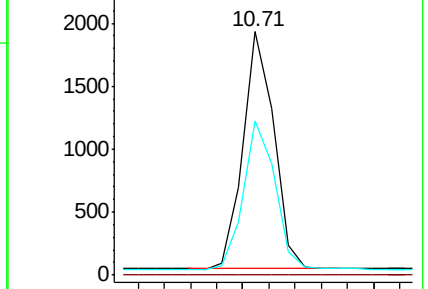
227 63.5 50.6 76.0

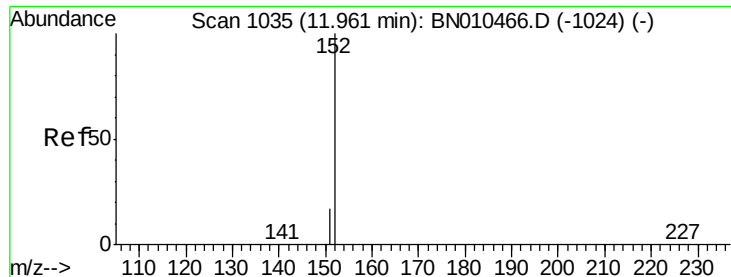


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 11.96 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

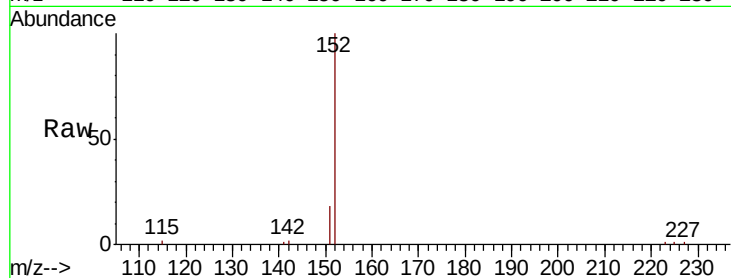
ClientSampleId :

Tot Ion:152 Resp: 10361

Ion Ratio Lower Upper

152 100

151 13.4 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.96

5000

4000

3000

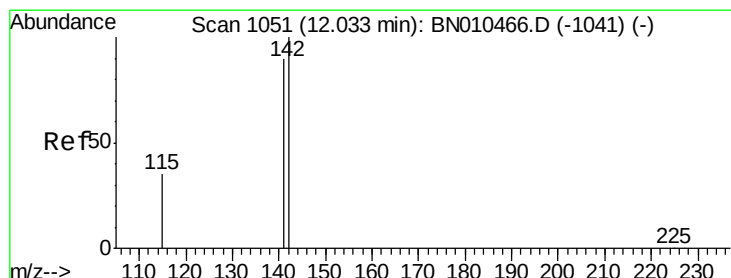
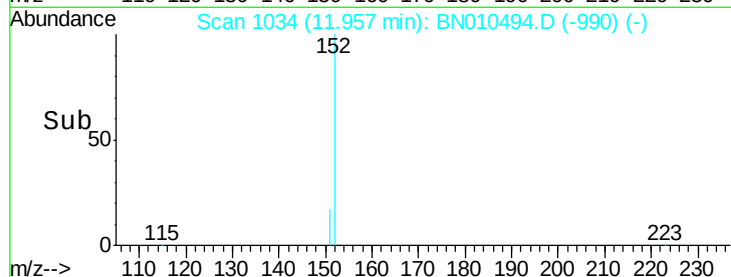
2000

1000

0

Time-->

11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 12.03 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

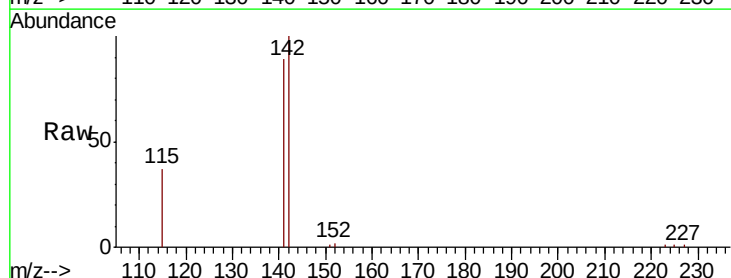
Tgt Ion:142 Resp: 10279

Ion Ratio Lower Upper

142 100

141 89.4 71.9 107.9

115 36.7 28.8 43.2



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

12.03

8000

6000

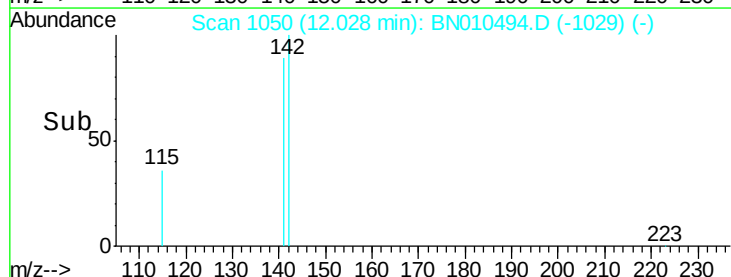
4000

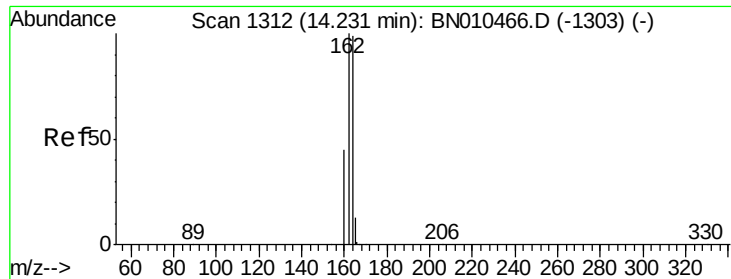
2000

0

Time-->

12.00 12.10

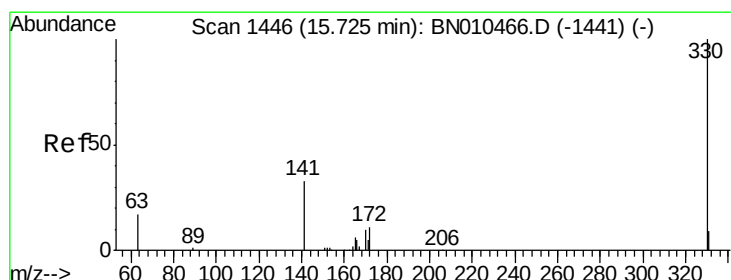
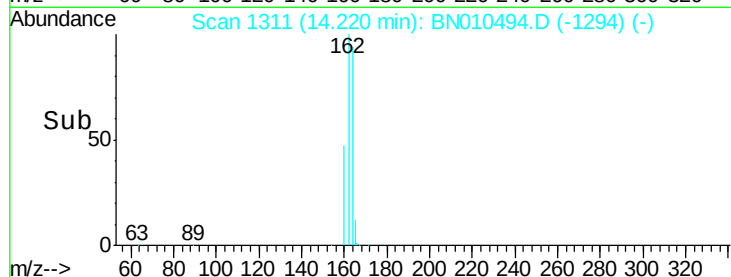
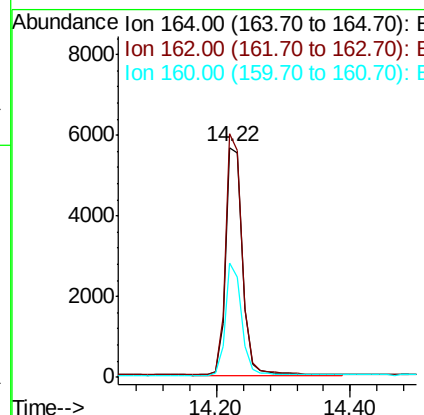
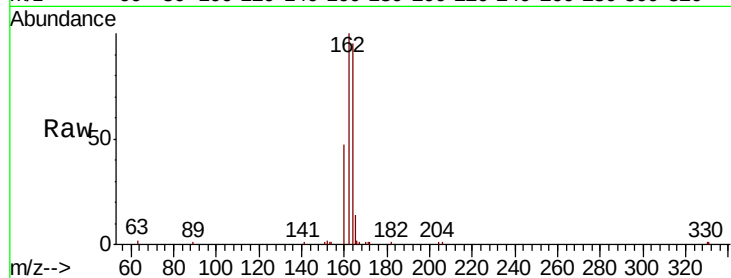




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.22 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BN010494.D
 Acq: 15 Apr 2020 01:07

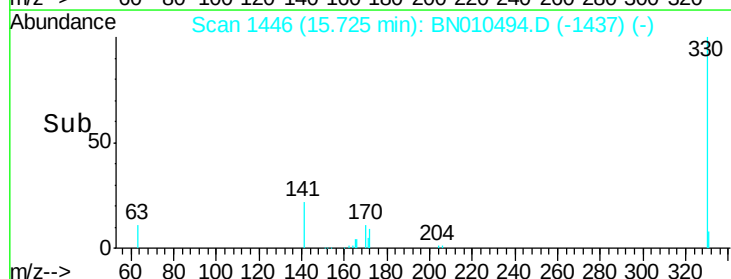
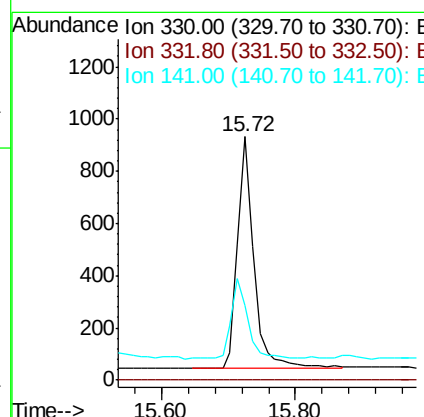
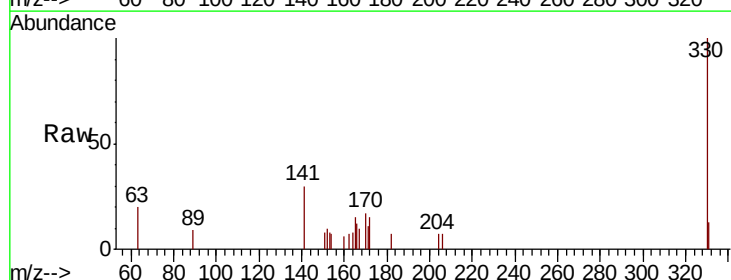
Instrument :
 BNA_N
 ClientSampleId :

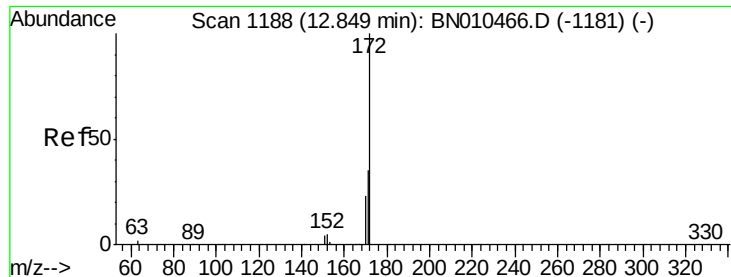
Tot Ion:164 Resp: 9979
 Ion Ratio Lower Upper
 164 100
 162 105.8 80.6 121.0
 160 49.7 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.315 ng
 RT: 15.72 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BN010494.D
 Acq: 15 Apr 2020 01:07

Tgt Ion:330 Resp: 1480
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.9 28.1 42.1

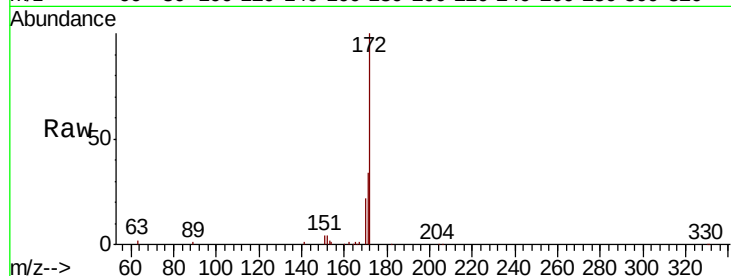




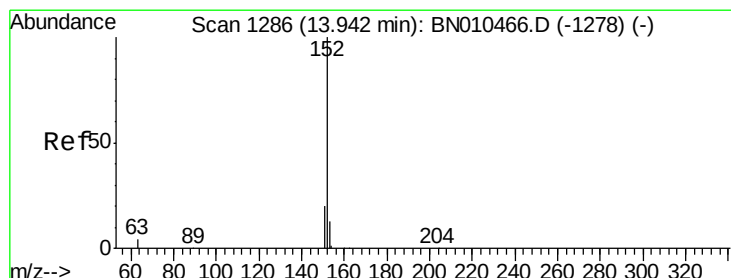
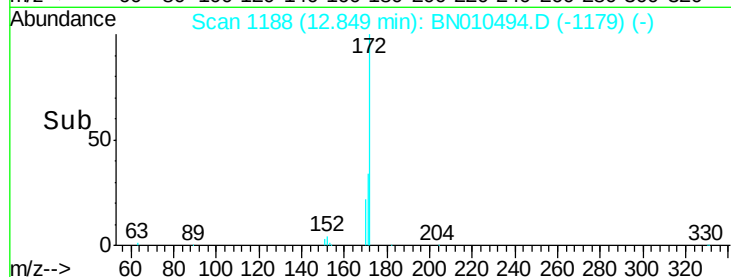
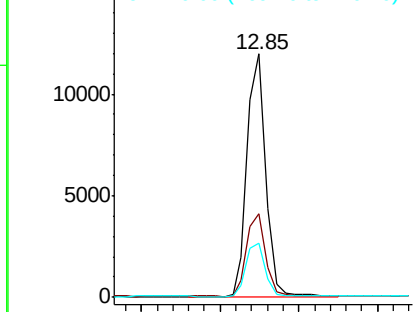
#15
2-Fluorobiphenyl
Concen: 0.538 ng
RT: 12.85 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BN010494.D
Acq: 15 Apr 2020 01:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 19523
Ion Ratio Lower Upper
172 100
171 34.1 28.2 42.2
170 22.1 18.4 27.6

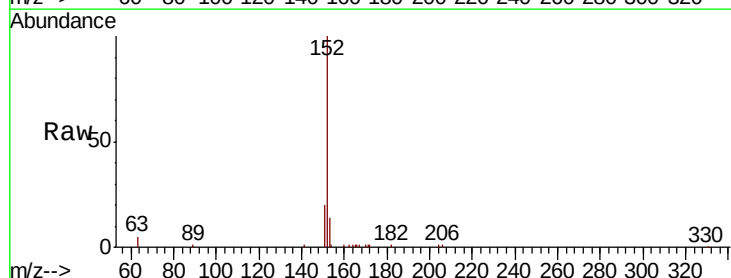


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

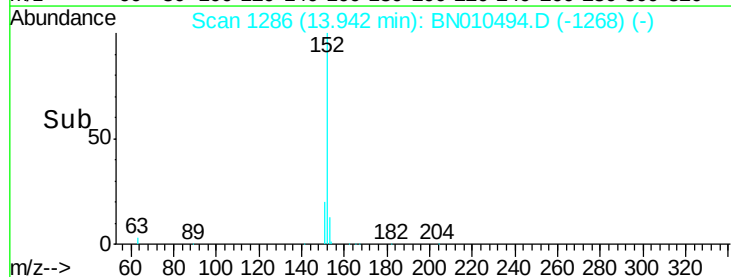
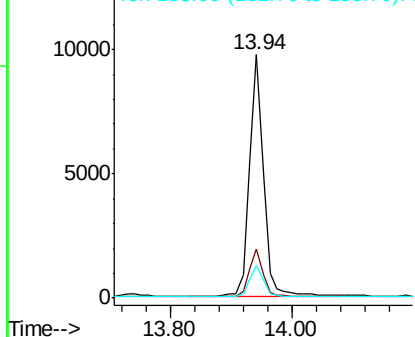


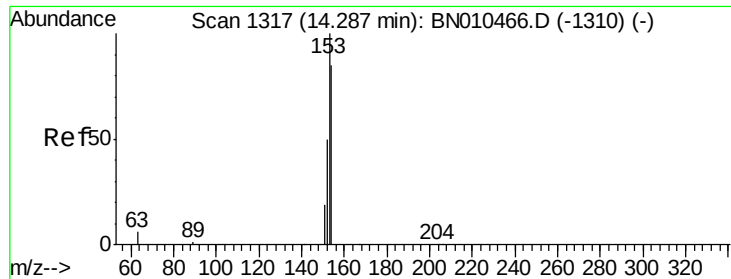
#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.94 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN010494.D
Acq: 15 Apr 2020 01:07

Tgt Ion:152 Resp: 15547
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.371 ng

RT: 14.29 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampled :

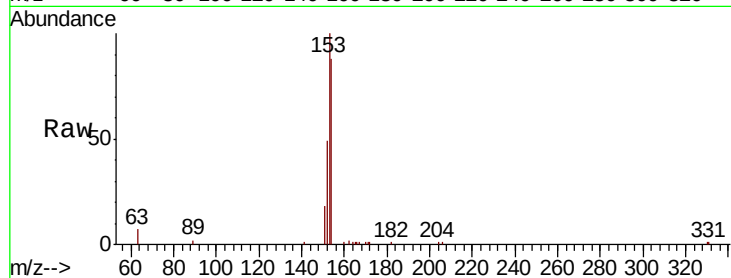
Tot Ion:154 Resp: 10270

Ion Ratio Lower Upper

154 100

153 112.0 91.0 136.4

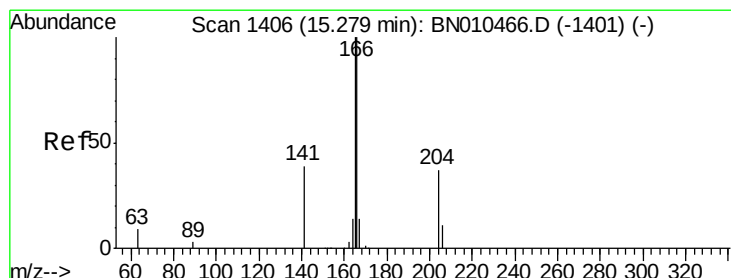
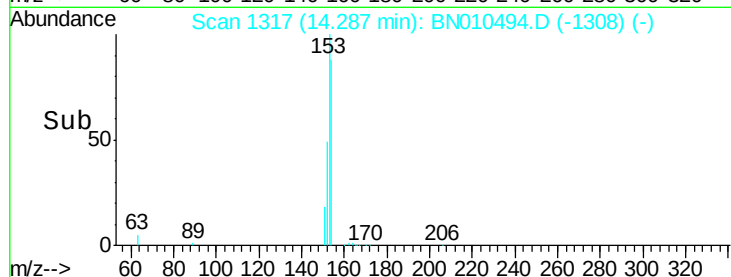
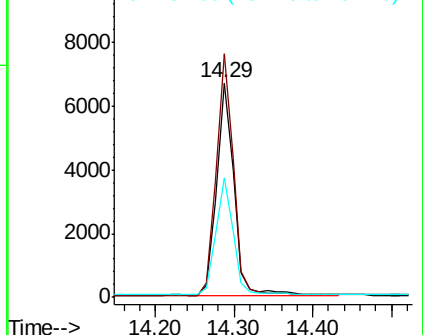
152 54.7 44.6 67.0



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: 0.372 ng

RT: 15.28 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

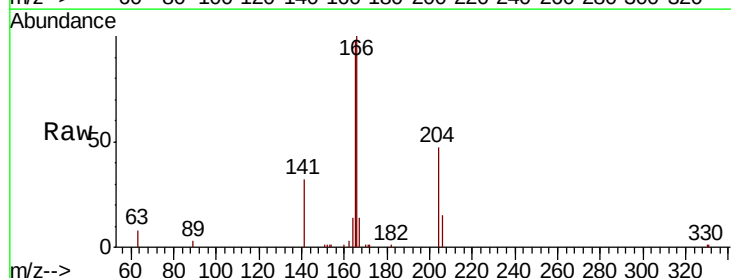
Tgt Ion:166 Resp: 13491

Ion Ratio Lower Upper

166 100

165 97.2 78.4 117.6

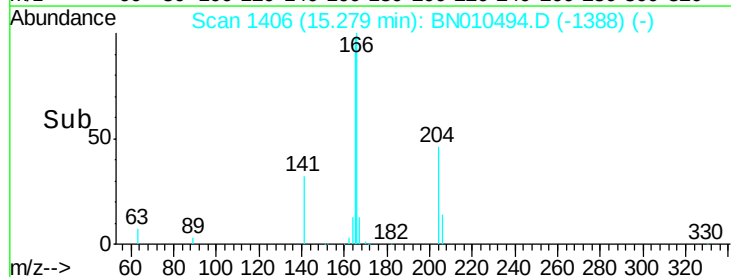
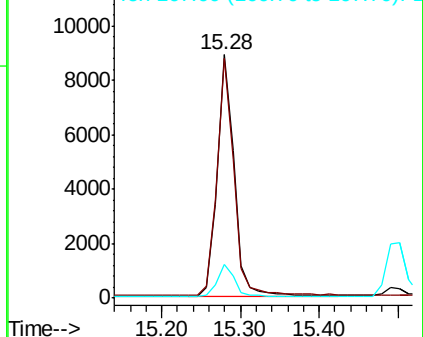
167 13.5 10.9 16.3

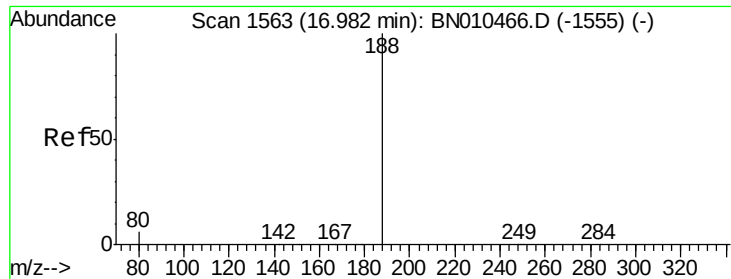


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.97 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :

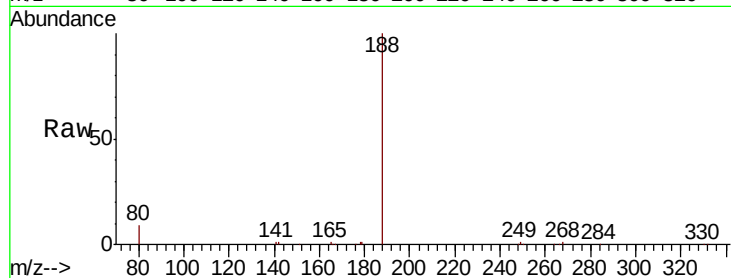
Tot Ion:188 Resp: 23254

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

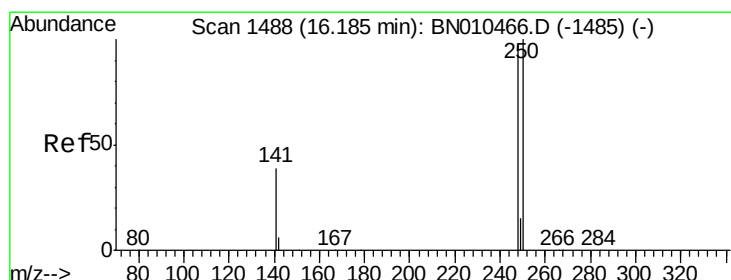
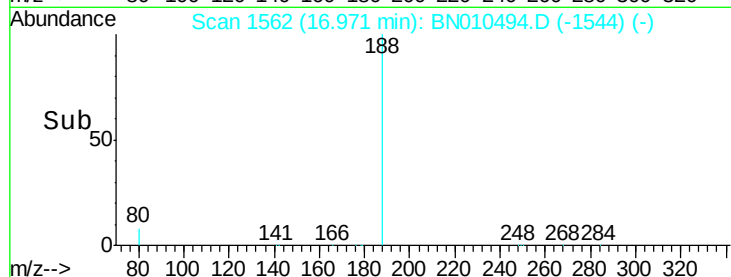
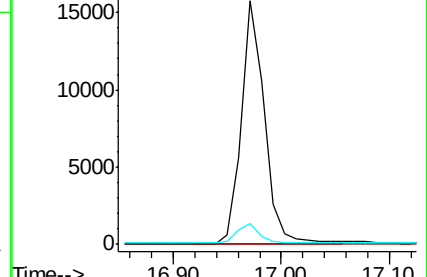
80 8.6 5.0 7.6#



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: 0.344 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

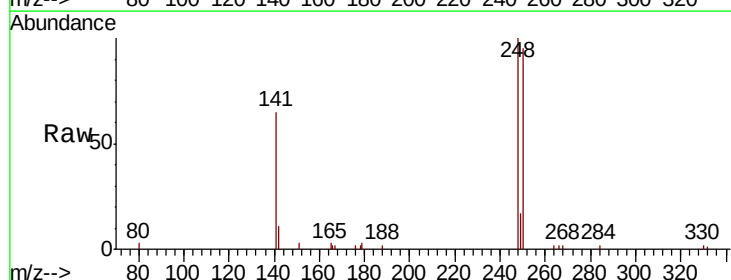
Tgt Ion:248 Resp: 4438

Ion Ratio Lower Upper

248 100

250 94.9 82.3 123.5

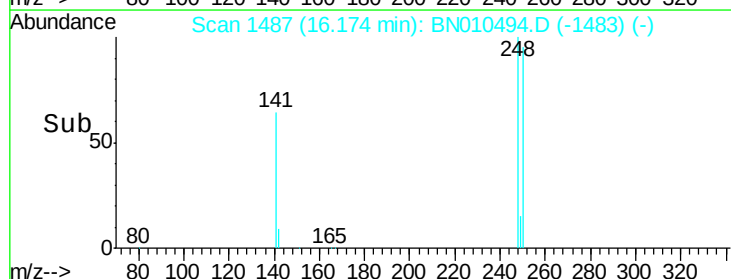
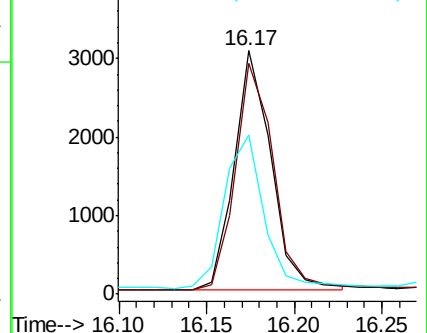
141 65.4 35.2 52.8#

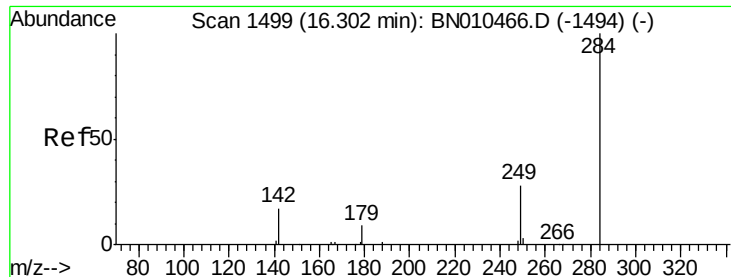


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.366 ng

RT: 16.29 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampled :

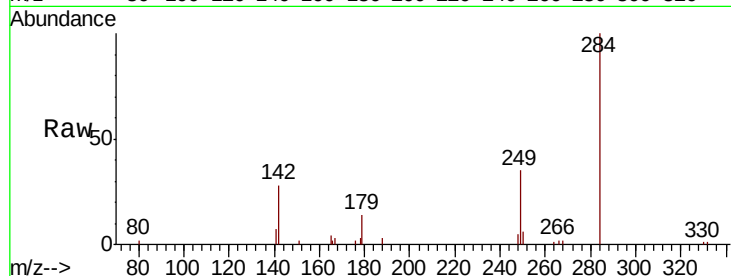
Tot Ion:284 Resp: 5401

Ion Ratio Lower Upper

284 100

142 31.5 25.5 38.3

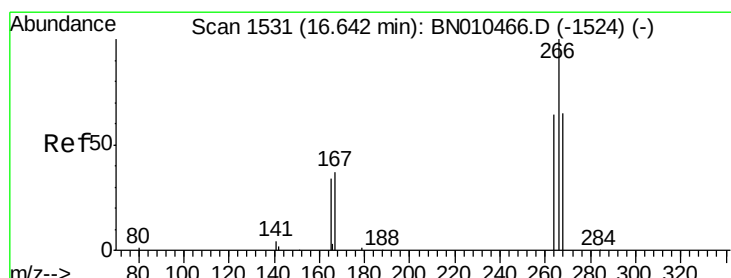
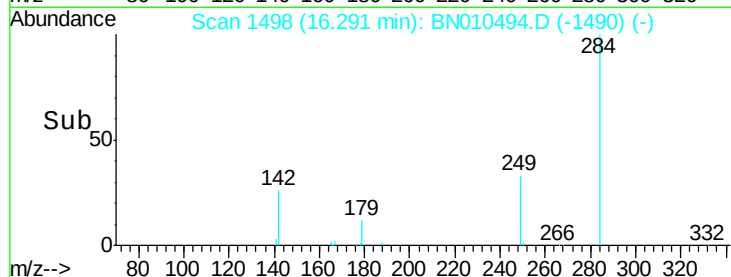
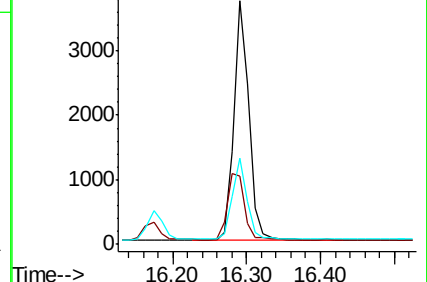
249 33.1 25.8 38.6



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: 0.968 ng

RT: 16.63 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

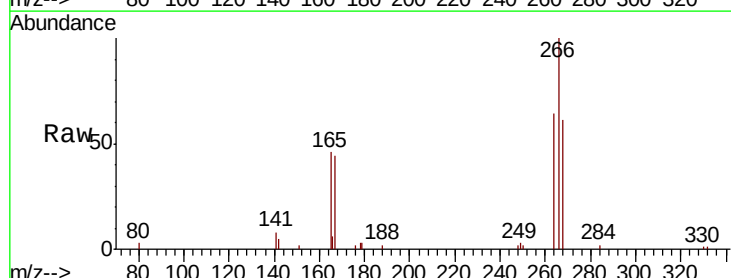
Tgt Ion:266 Resp: 5614

Ion Ratio Lower Upper

266 100

264 64.0 51.8 77.6

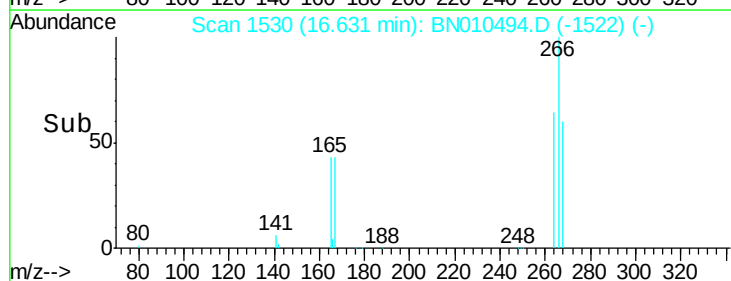
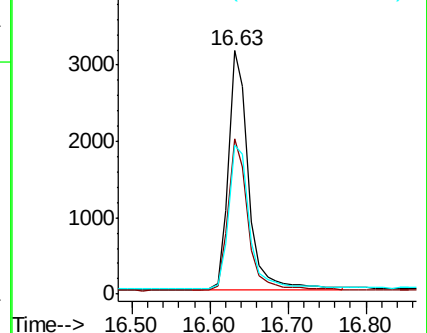
268 61.4 53.7 80.5

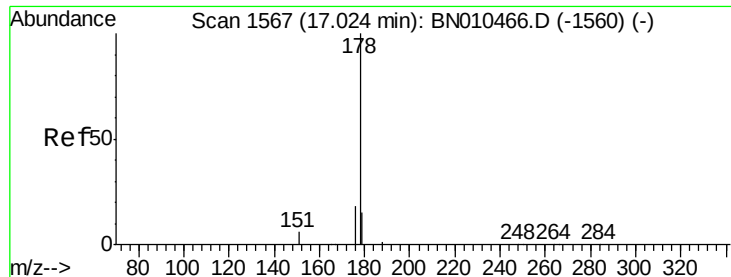


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.01 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :

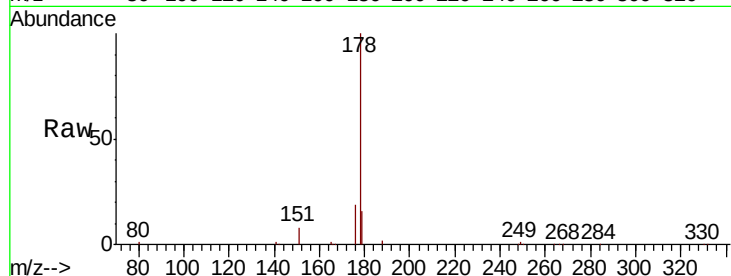
Tot Ion:178 Resp: 23342

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

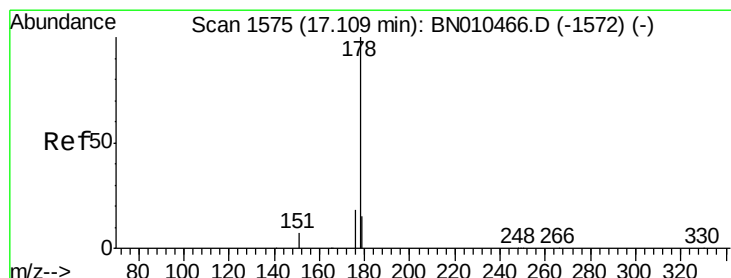
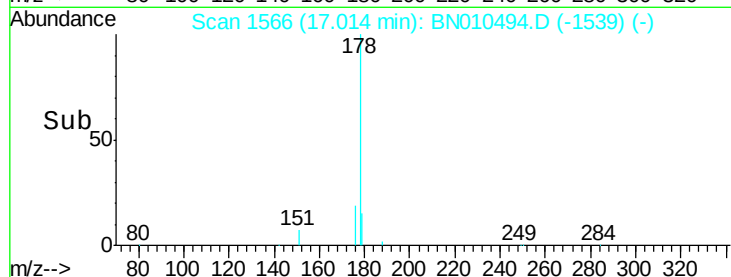
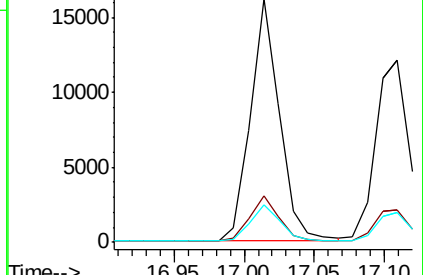
179 15.5 12.6 18.8



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: 0.368 ng

RT: 17.11 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

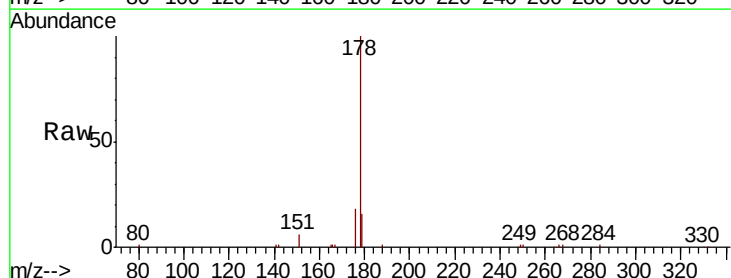
Tgt Ion:178 Resp: 21137

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

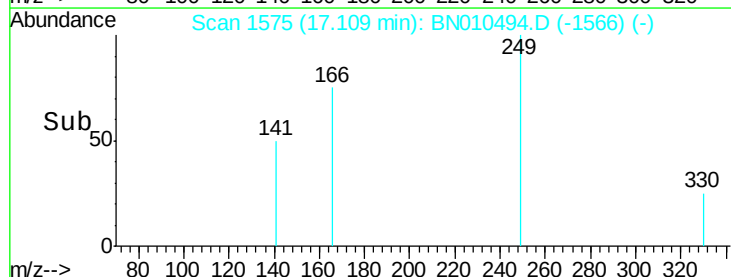
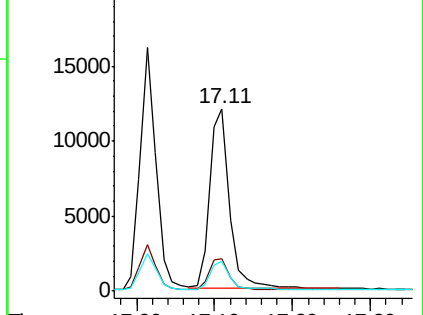
179 15.5 12.2 18.2

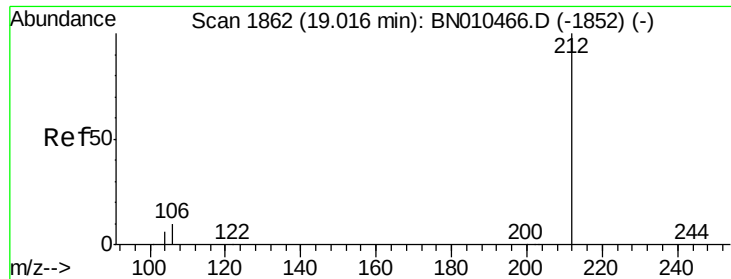


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.283 ng

RT: 19.01 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :

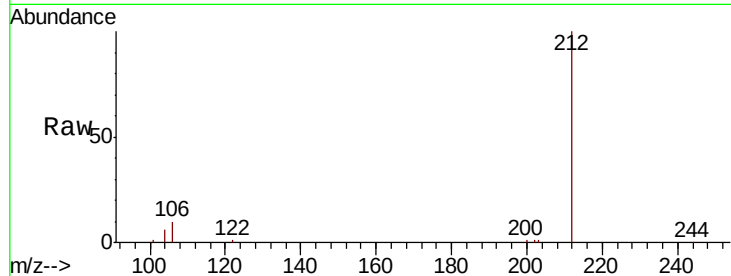
Tot Ion:212 Resp: 19924

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

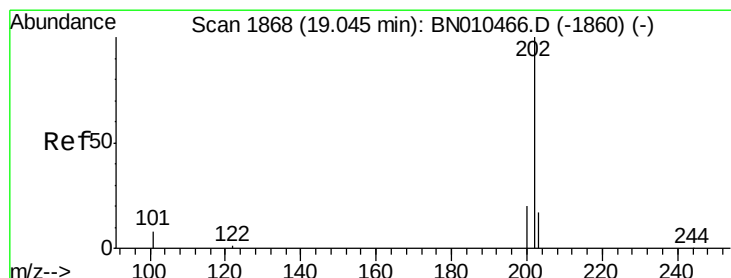
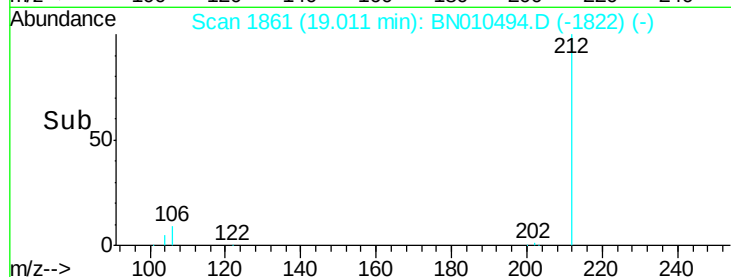
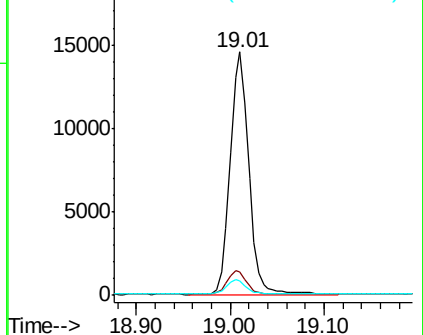
104 5.6 4.5 6.7



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: 0.382 ng

RT: 19.04 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

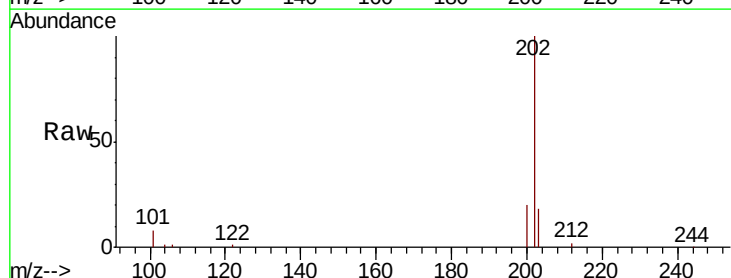
Tgt Ion:202 Resp: 29849

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

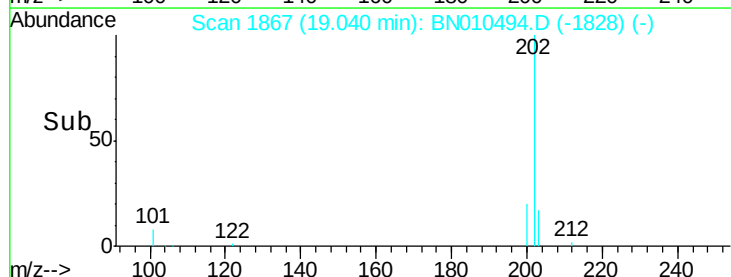
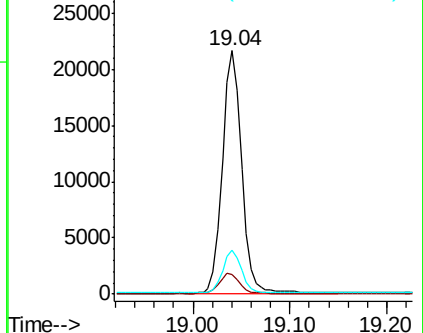
203 17.1 13.9 20.9

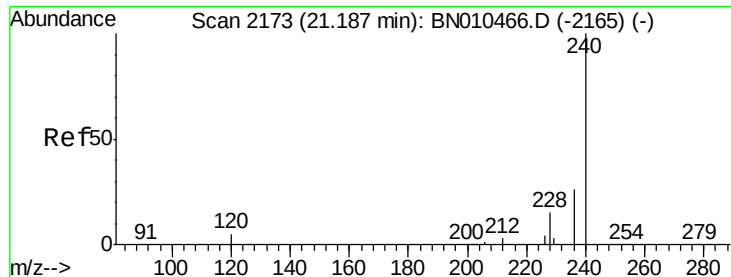


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.18 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampled :

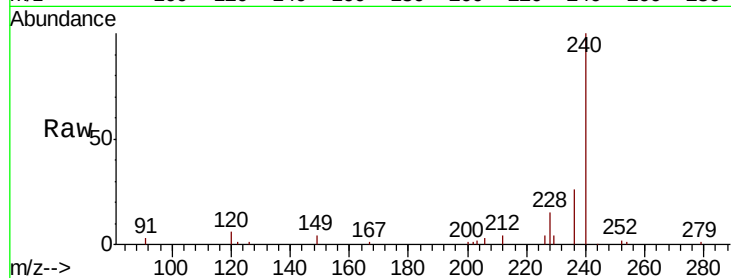
Tot Ion:240 Resp: 23397

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

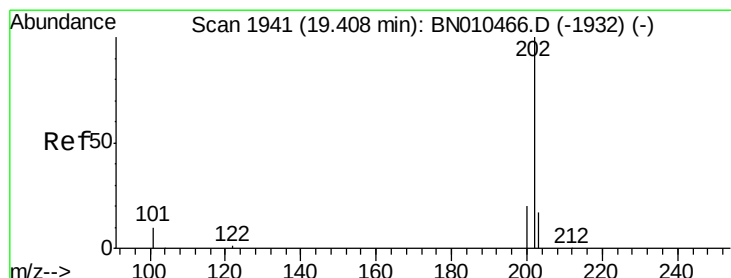
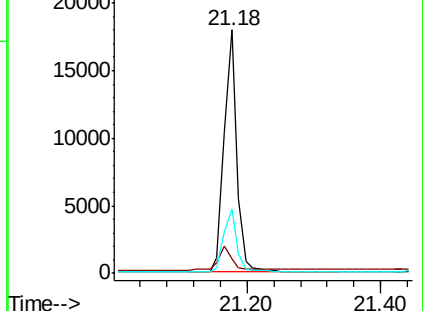
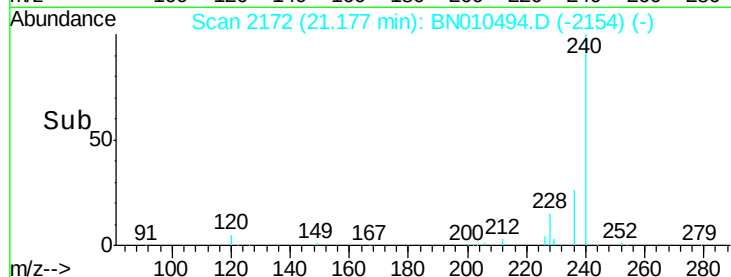
236 26.4 21.4 32.0



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: 0.387 ng

RT: 19.40 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

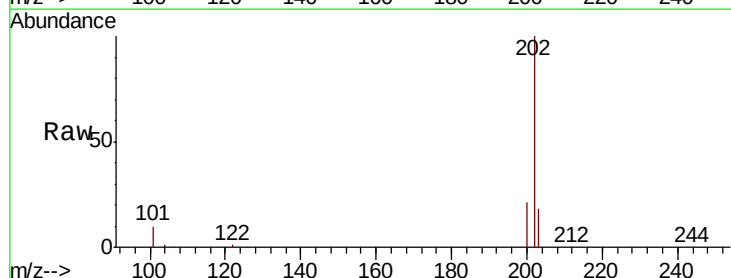
Tgt Ion:202 Resp: 30506

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

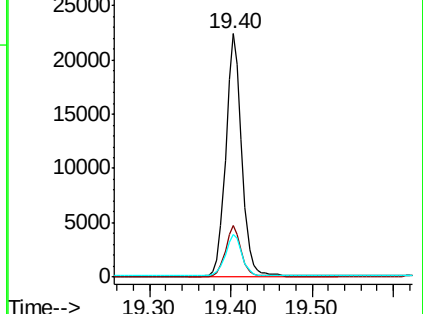
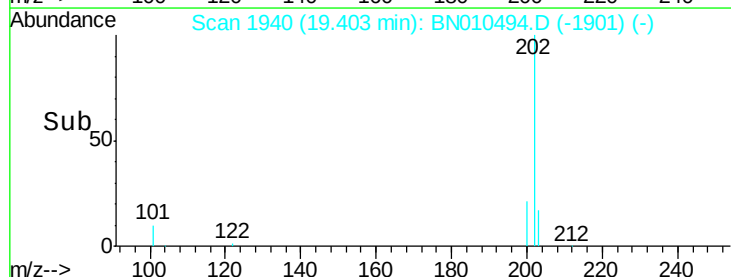
203 17.9 14.0 21.0

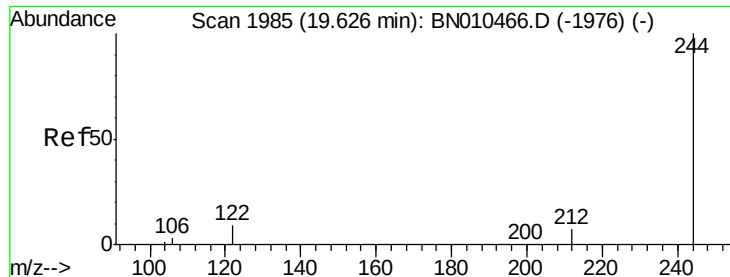


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.476 ng

RT: 19.62 min Scan# 1984

Delta R.T. -0.00 min

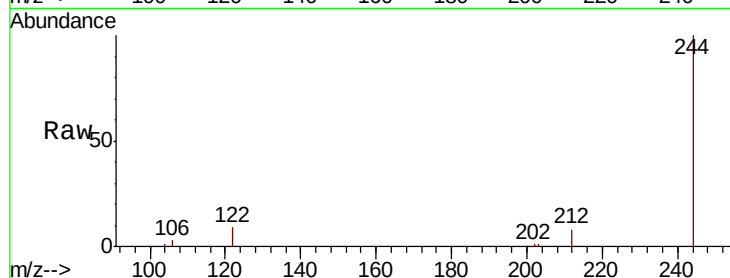
Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :



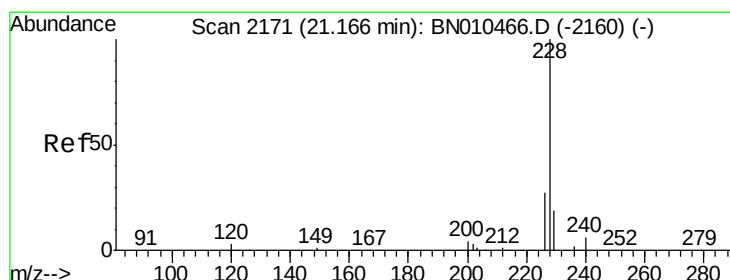
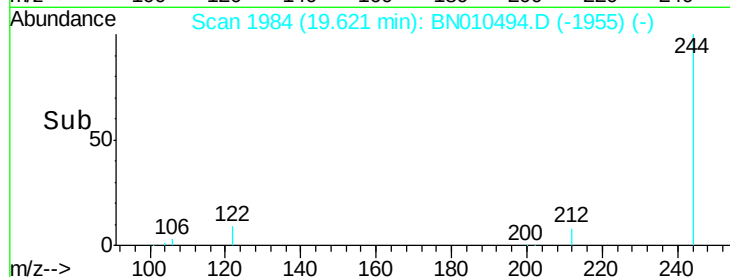
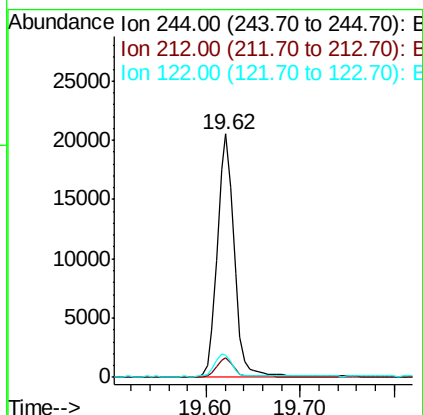
Tot Ion:244 Resp: 25469

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

122 9.2 7.8 11.8



#30

Benzo(a)anthracene

Concen: 0.381 ng

RT: 21.16 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

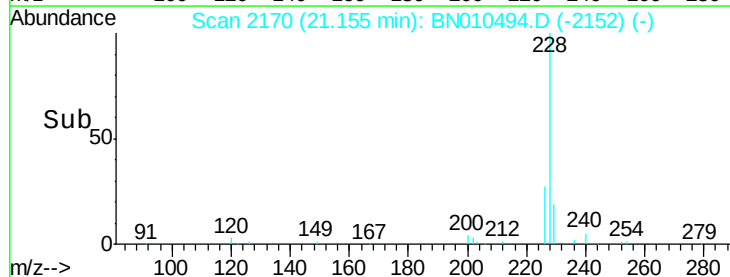
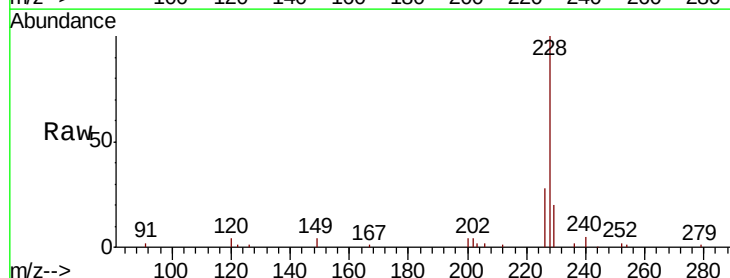
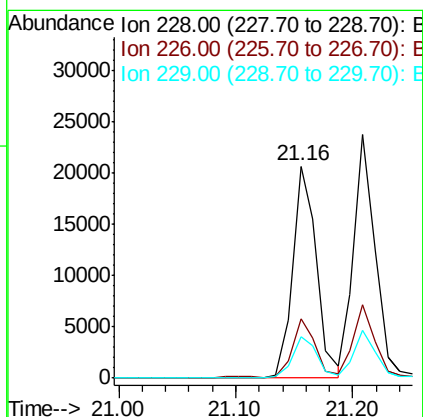
Tgt Ion:228 Resp: 29116

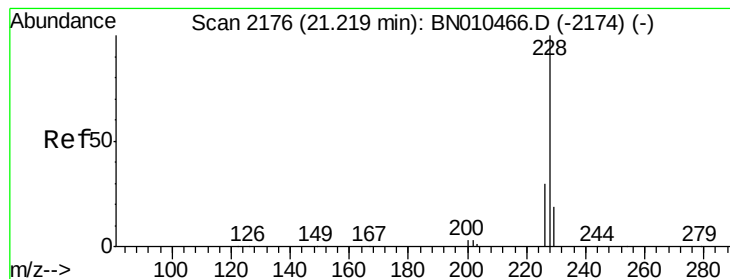
Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 19.6 15.6 23.4





#31

Chrysene

Concen: 0.394 ng

RT: 21.21 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :

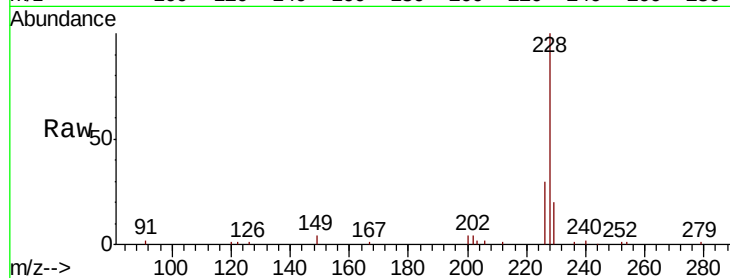
Tot Ion:228 Resp: 29932

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

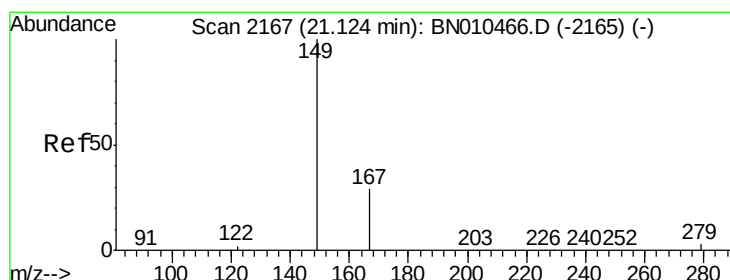
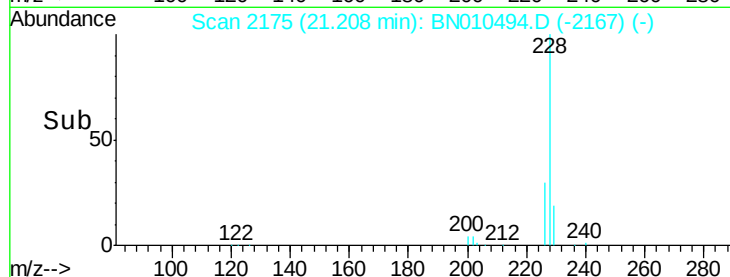
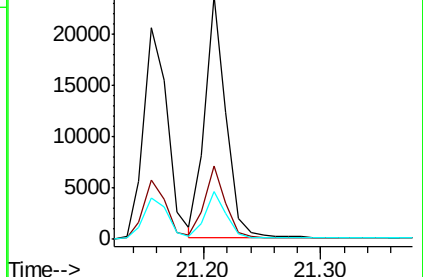
229 19.6 15.8 23.6



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: 0.326 ng

RT: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

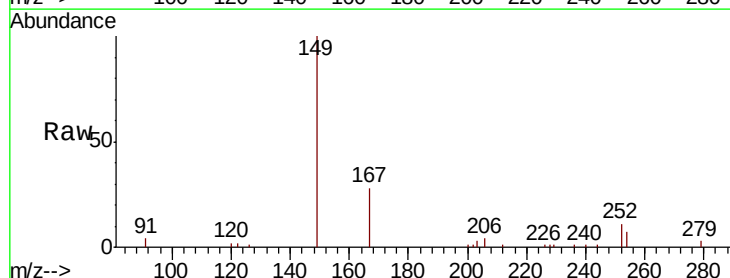
Tgt Ion:149 Resp: 12752

Ion Ratio Lower Upper

149 100

167 28.1 23.4 35.0

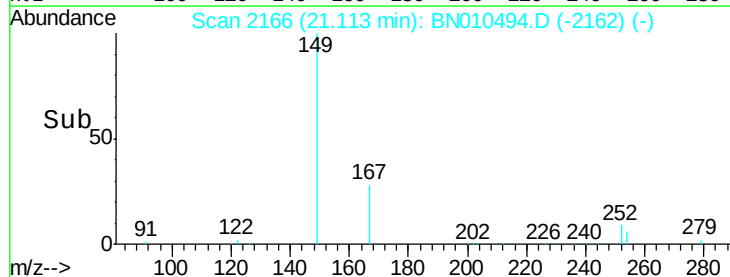
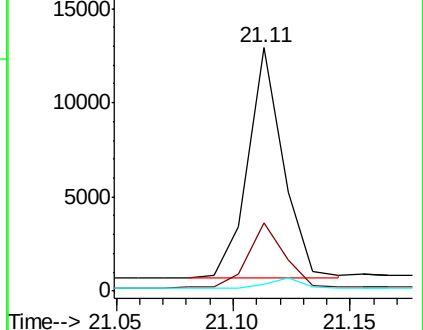
279 4.8 4.0 6.0

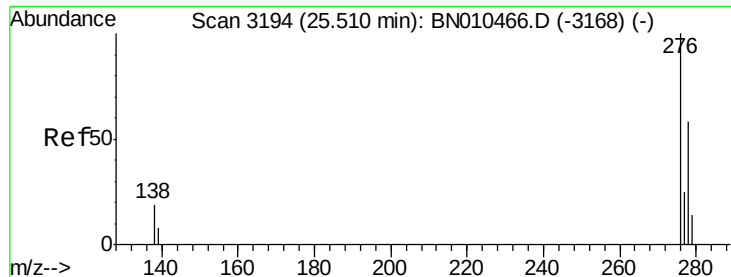


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.408 ng

RT: 25.49 min Scan# 3188

Delta R.T. -0.02 min

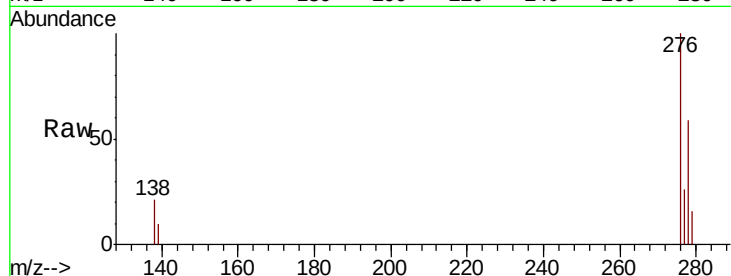
Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :



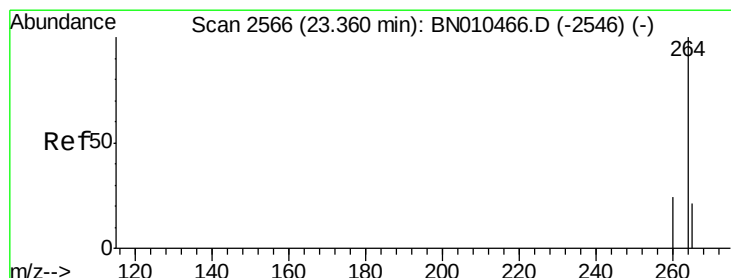
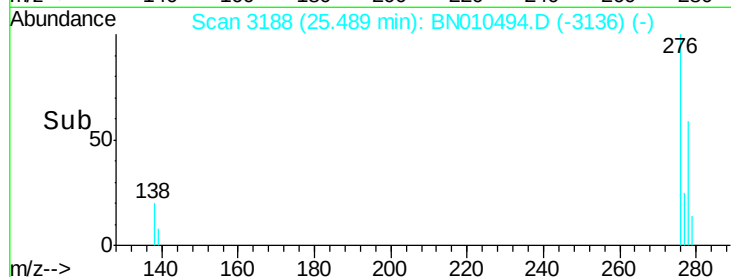
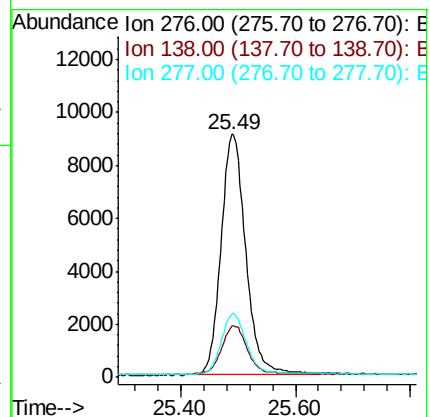
Tot Ion:276 Resp: 27412

Ion Ratio Lower Upper

276 100

138 20.7 16.4 24.6

277 25.2 19.8 29.6



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

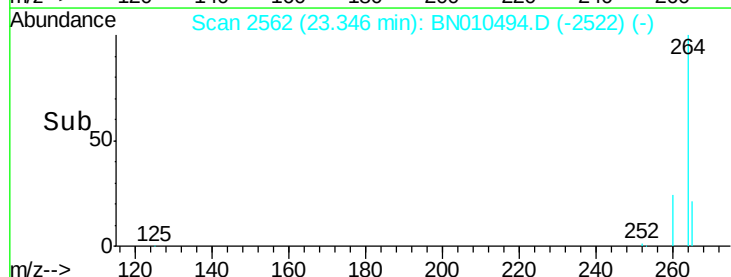
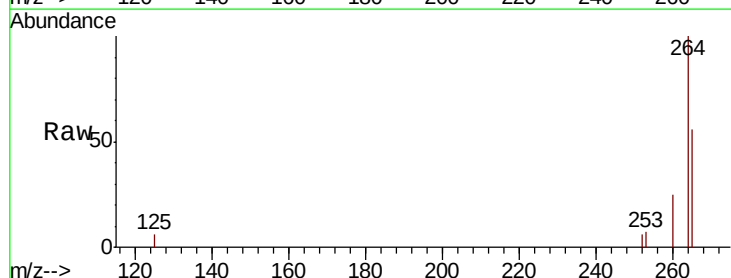
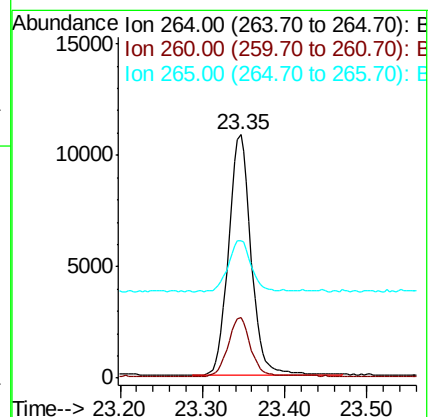
Tgt Ion:264 Resp: 20581

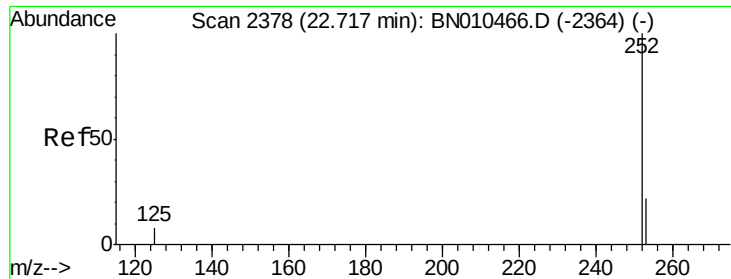
Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 56.3 42.3 63.5

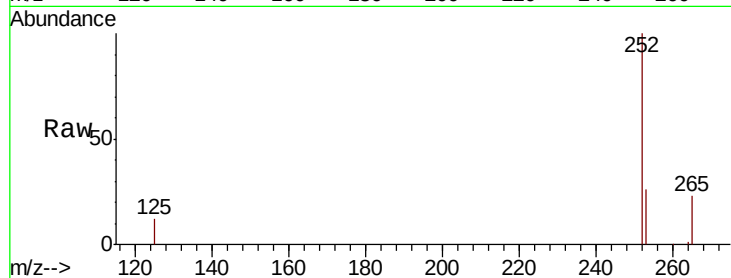




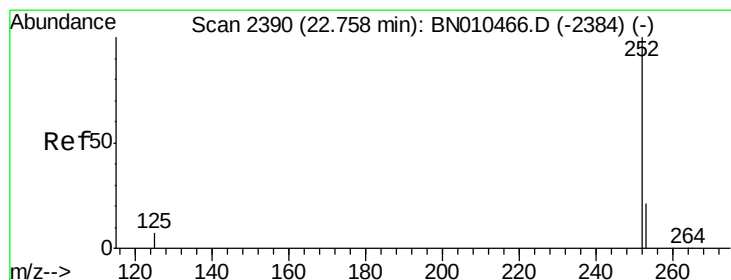
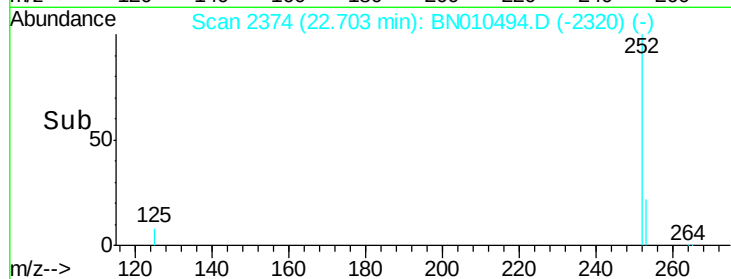
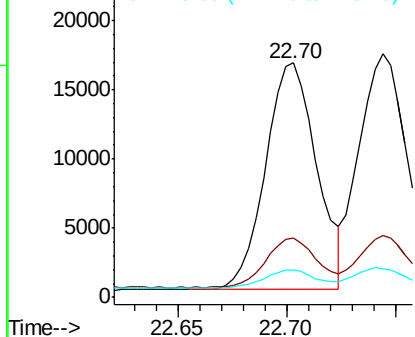
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.70 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BN010494.D
Acq: 15 Apr 2020 01:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 26704
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.4
125 11.5 9.2 13.8

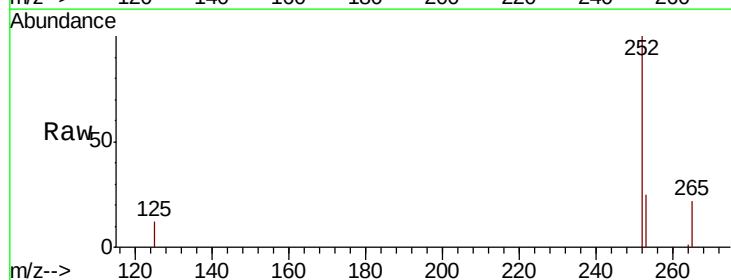


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

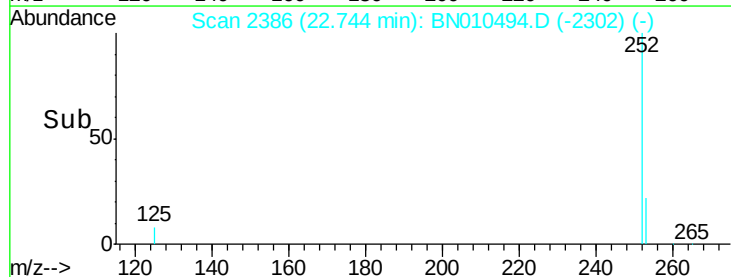
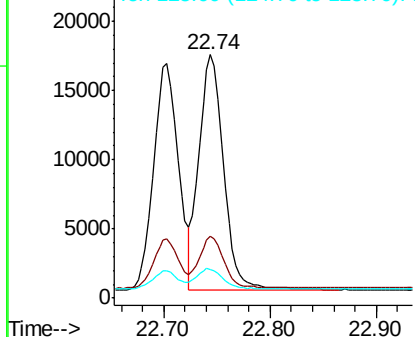


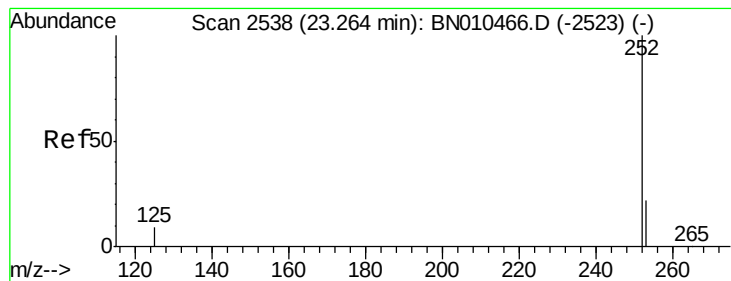
#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.74 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN010494.D
Acq: 15 Apr 2020 01:07

Tgt Ion:252 Resp: 27376
Ion Ratio Lower Upper
252 100
253 25.4 20.1 30.1
125 11.9 9.6 14.4



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: 0.401 ng

RT: 23.25 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :

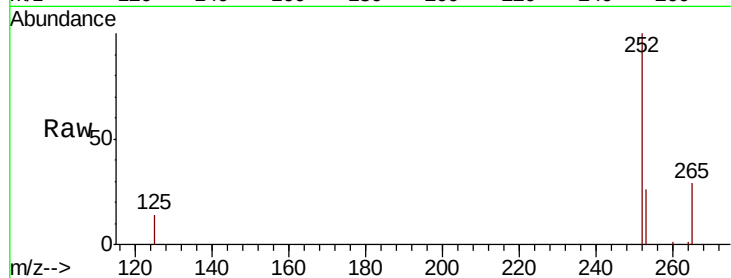
Tot Ion:252 Resp: 24049

Ion Ratio Lower Upper

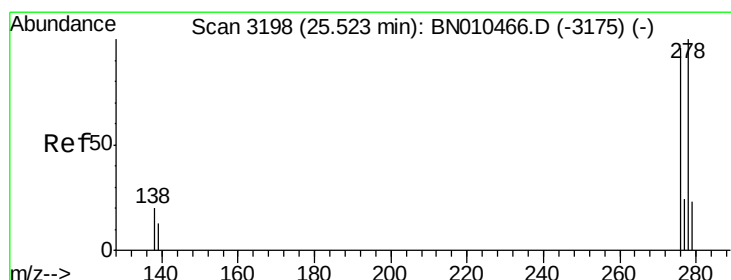
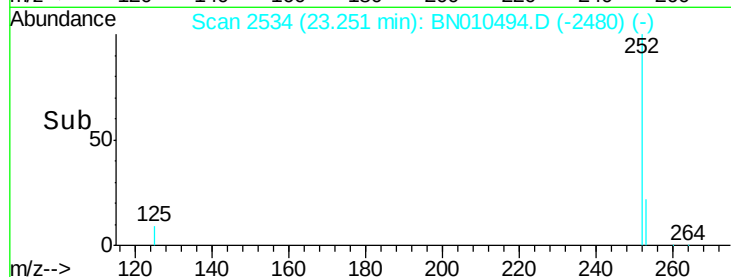
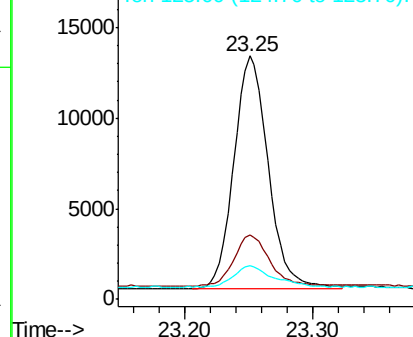
252 100

253 26.3 21.8 32.8

125 13.6 11.0 16.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.412 ng

RT: 25.51 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

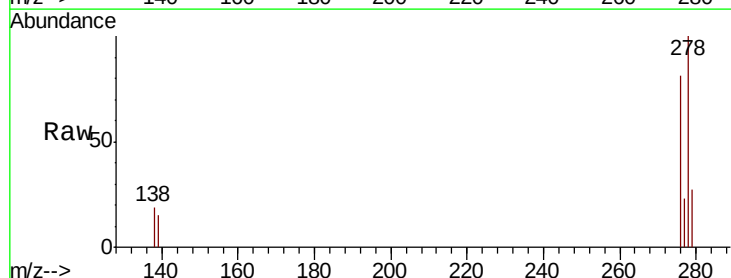
Tgt Ion:278 Resp: 22583

Ion Ratio Lower Upper

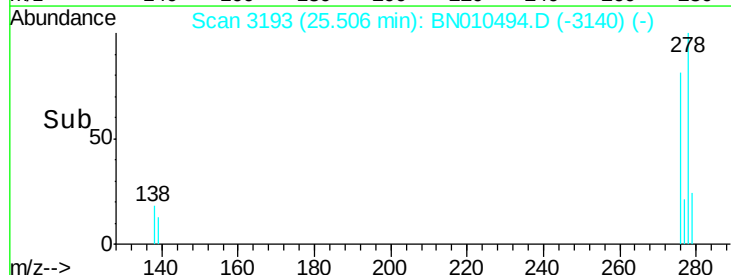
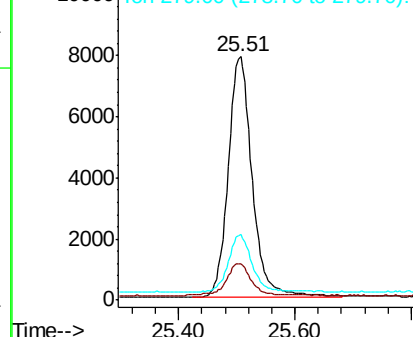
278 100

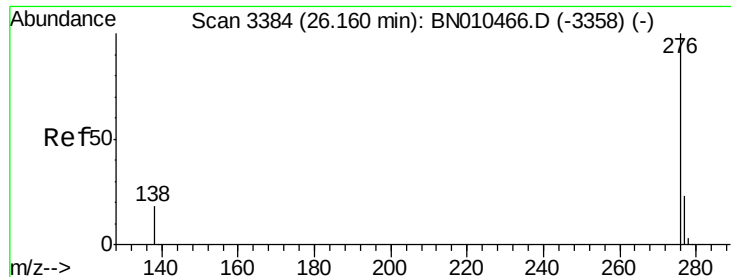
139 15.0 12.3 18.5

279 26.9 21.9 32.9



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: 0.424 ng

RT: 26.14 min Scan# 3378

Delta R.T. -0.02 min

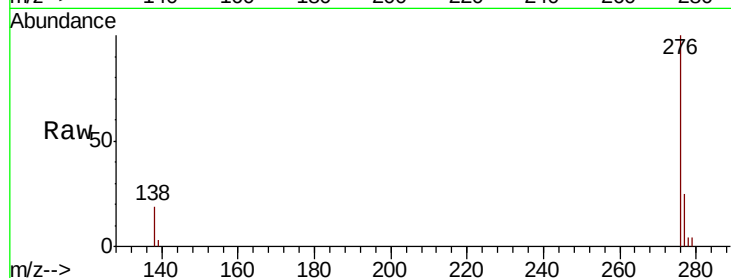
Lab File: BN010494.D

Acq: 15 Apr 2020 01:07

Instrument :

BNA_N

ClientSampleId :



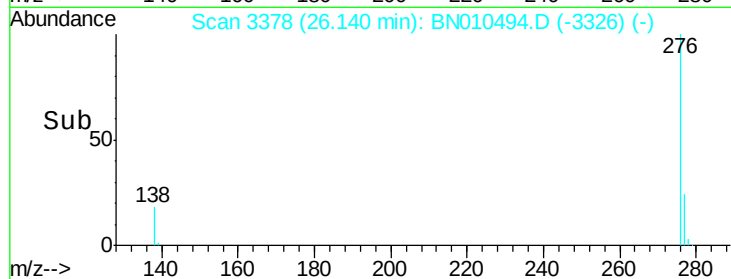
Tot Ion: 276 Resp: 23427

Ion Ratio Lower Upper

276 100

277 25.5 20.2 30.2

138 19.1 15.4 23.2



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

