

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009402.D
 Acq On : 20 Jan 2020 14:37
 Operator : JU
 Sample : K5111-02
 Misc : 0.1 L00
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 20 17:27:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 16:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1225	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4010	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	2625	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	5827	0.40	ng	0.00
27) Chrysene-d12	21.07	240	4993	0.40	ng	0.00
34) Perylene-d12	23.19	264	5008	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.12	112	976	0.35	ng	0.00
5) Phenol-d6	6.69	99	912	0.28	ng	0.00
8) Nitrobenzene-d5	8.64	82	925	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.85	152	2157	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.63	330	273	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.74	172	3078	0.31	ng	0.02
25) Fluoranthene-d10	18.90	212	5181	0.26	ng	0.00
29) Terphenyl-d14	19.52	244	4273	0.36	ng	0.00

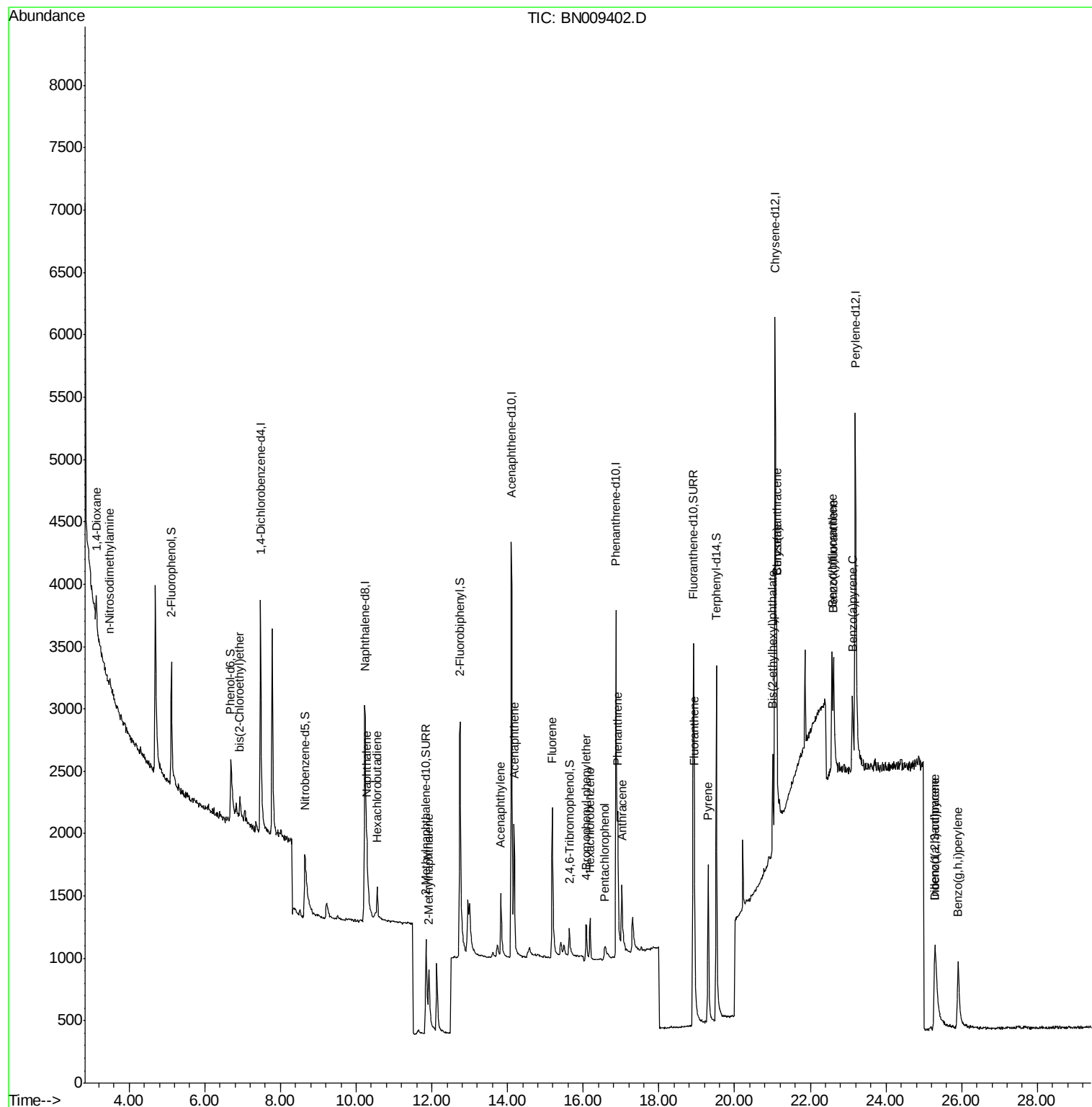
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	118	0.092	ng	# 67
3) n-Nitrosodimethylamine	3.48	42	115	0.058	ng	# 23
6) bis(2-Chloroethyl)ether	6.93	93	262	0.078	ng	# 78
9) Naphthalene	10.29	128	916	0.084	ng	# 71
10) Hexachlorobutadiene	10.56	225	213	0.090	ng	# 92
12) 2-Methylnaphthalene	11.92	142	596	0.079	ng	# 90
16) Acenaphthylene	13.82	152	847	0.075	ng	97
17) Acenaphthene	14.17	154	633	0.080	ng	99
18) Fluorene	15.18	166	825	0.080	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	255	0.073	ng	93
21) Hexachlorobenzene	16.18	284	279	0.075	ng	97
22) Pentachlorophenol	16.57	266	158	0.151	ng	87
23) Phenanthrene	16.91	178	1303	0.074	ng	99
24) Anthracene	17.02	178	1011	0.069	ng	99
26) Fluoranthene	18.93	202	1564	0.076	ng	97
28) Pyrene	19.30	202	1630	0.086	ng	99
30) Benzo(a)anthracene	21.11	228	1564	0.095	ng	93
31) Chrysene	21.11	228	1582	0.084	ng	95
32) Bis(2-ethylhexyl)phthalate	21.00	149	615	0.085	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1508	0.077	ng	# 92
35) Benzo(b)fluoranthene	22.57	252	1356	0.074	ng	# 52
36) Benzo(k)fluoranthene	22.61	252	1742	0.086	ng	# 45
37) Benzo(a)pyrene	23.11	252	1358	0.084	ng	# 32
38) Dibenzo(a,h)anthracene	25.31	278	1189	0.073	ng	# 41
39) Benzo(g,h,i)perylene	25.90	276	1496	0.083	ng	# 79

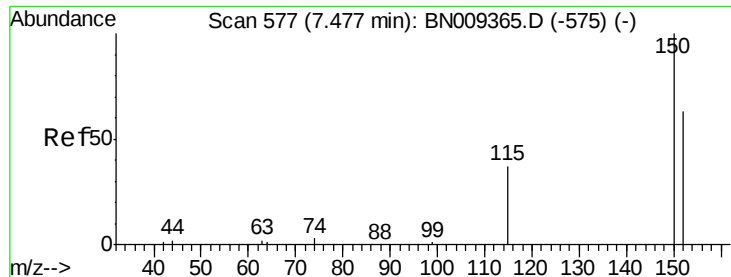
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
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Instrument :
BNA_N
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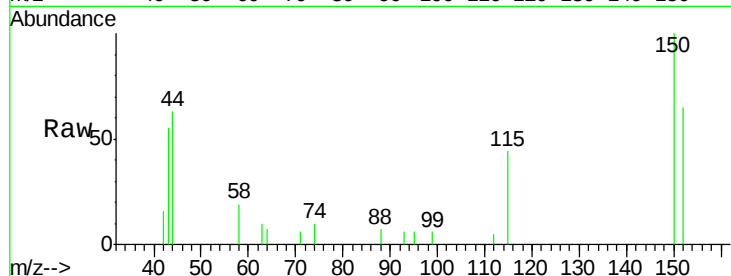


#1

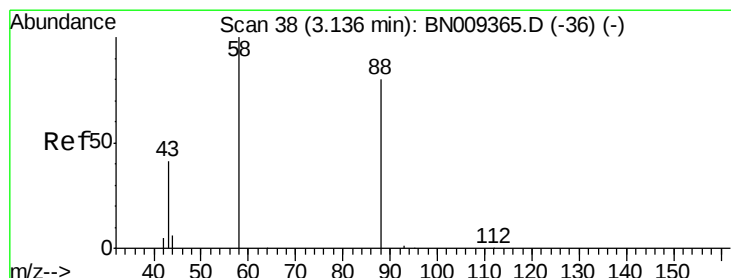
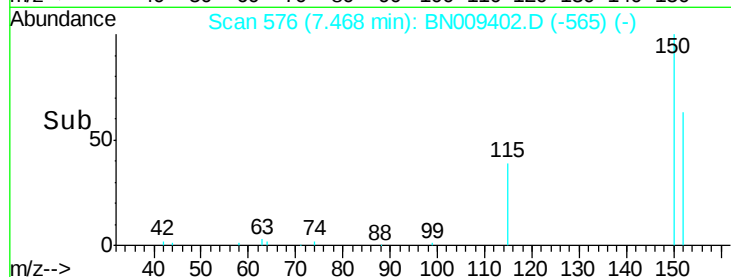
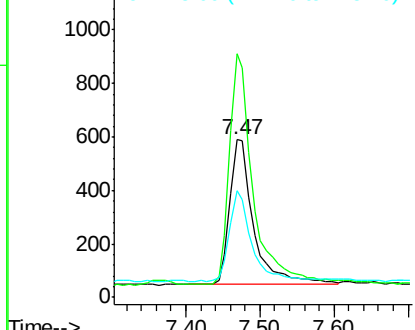
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009402.D
Acq: 20 Jan 2020 14:37

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1225
Ion Ratio Lower Upper
152 100
150 154.4 125.7 188.5
115 67.8 53.3 79.9



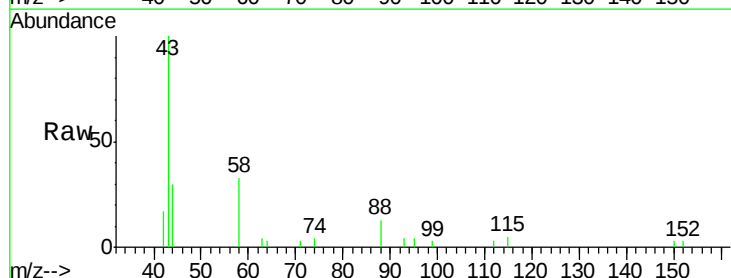
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



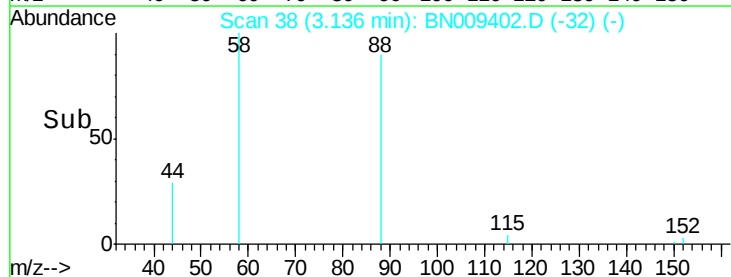
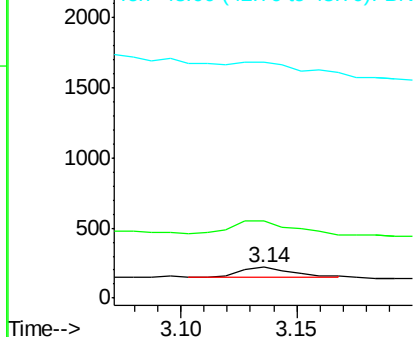
#2

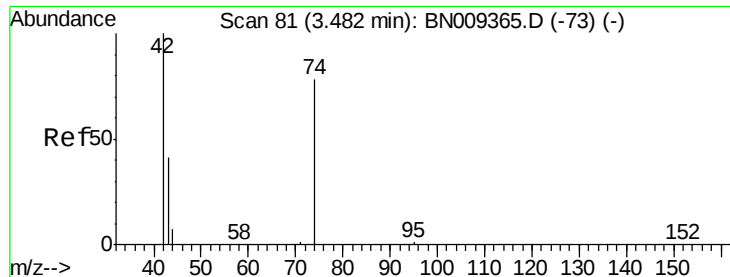
1,4-Dioxane
Concen: 0.092 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009402.D
Acq: 20 Jan 2020 14:37

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
58 142.4 100.2 150.2
43 0.0 43.1 64.7#



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



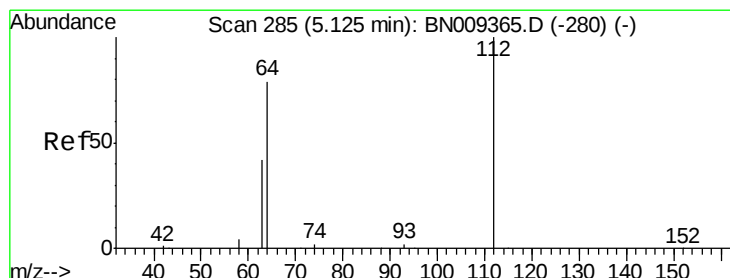
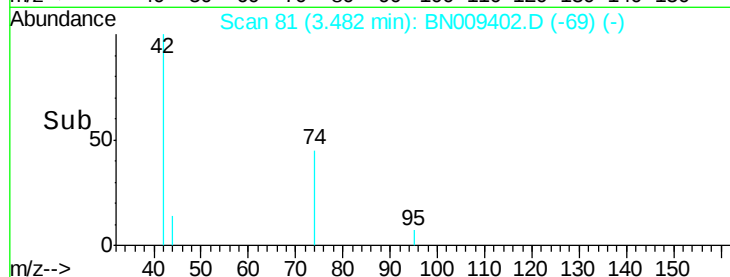
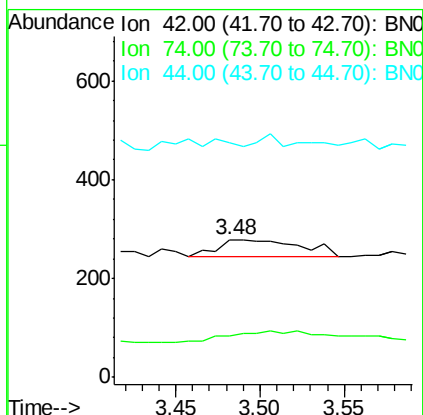
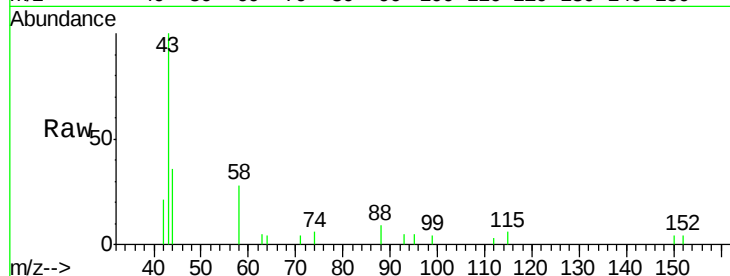


#3

n-Nitrosodimethylamine
 Concen: 0.058 ng
 RT: 3.48 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: BN009402.D
 Acq: 20 Jan 2020 14:37

Instrument :
 BNA_N
 ClientSampleId :

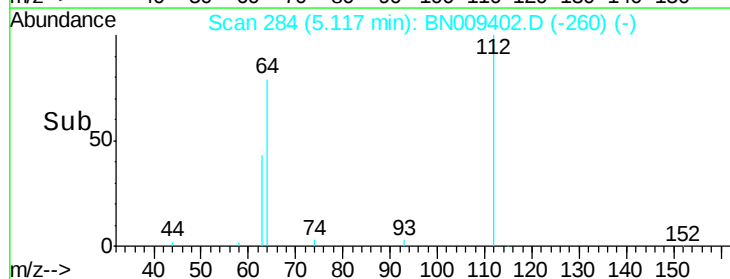
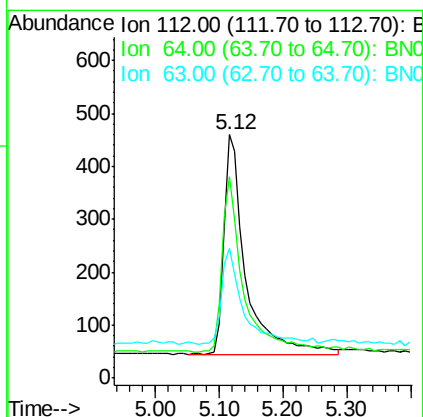
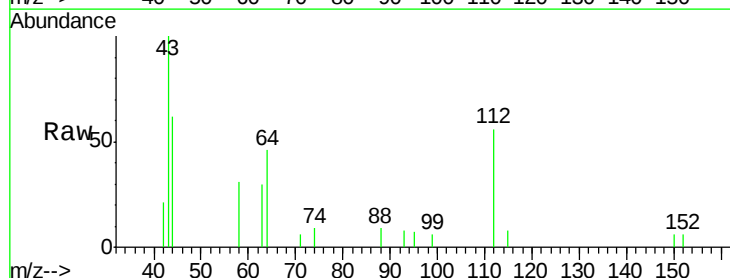
Tot Ion: 42 Resp: 115
 Ion Ratio Lower Upper
 42 100
 74 0.0 55.8 83.8#
 44 0.0 11.1 16.7#

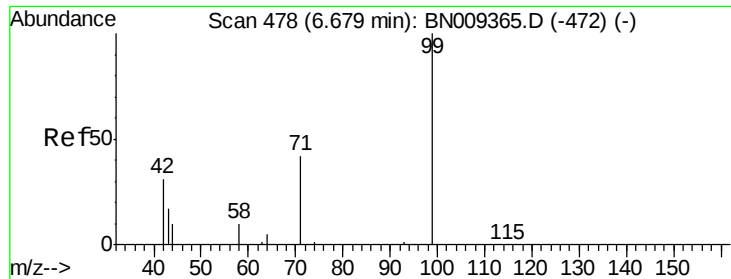


#4

2-Fluorophenol
 Concen: 0.346 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009402.D
 Acq: 20 Jan 2020 14:37

Tgt Ion: 112 Resp: 976
 Ion Ratio Lower Upper
 112 100
 64 77.9 61.5 92.3
 63 43.0 35.0 52.4





#5

Phenol-d6

Concen: 0.280 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

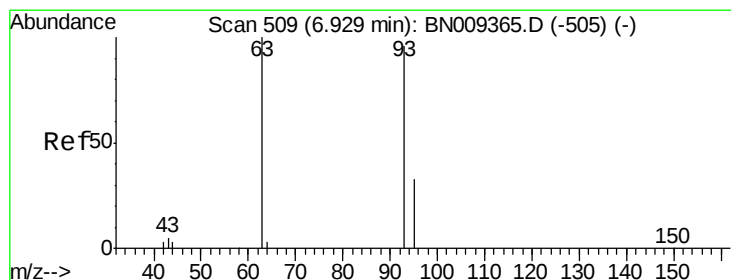
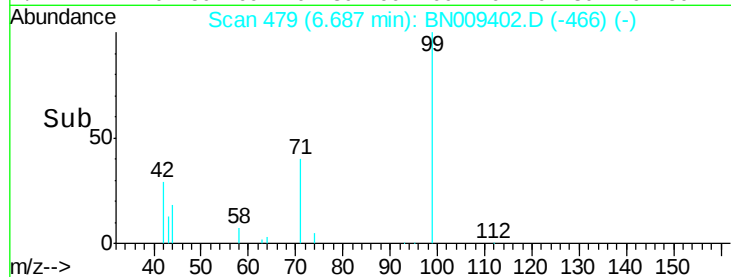
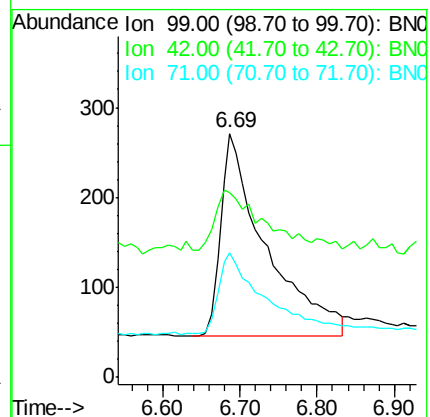
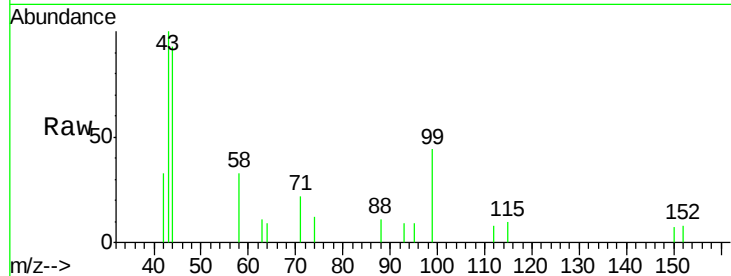
Tot Ion: 99 Resp: 912

Ion Ratio Lower Upper

99 100

42 30.9 27.6 41.4

71 41.1 33.0 49.6



#6

bis(2-Chloroethyl)ether

Concen: 0.078 ng

RT: 6.93 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

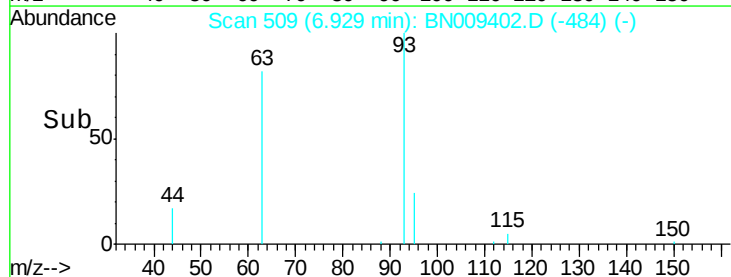
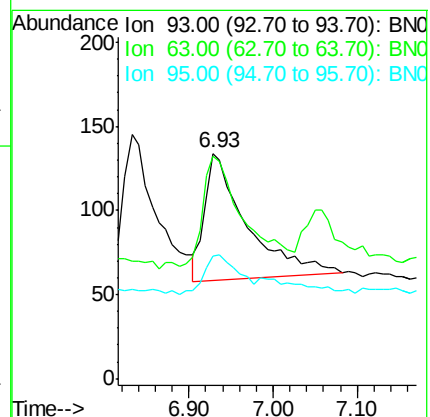
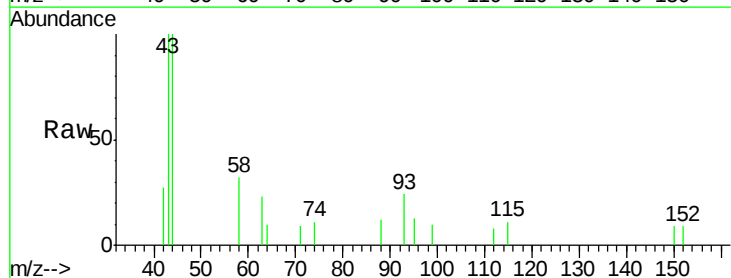
Tgt Ion: 93 Resp: 262

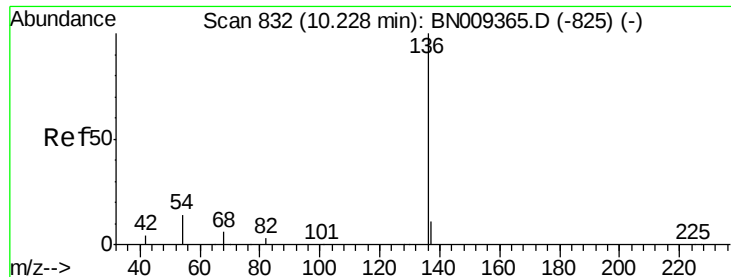
Ion Ratio Lower Upper

93 100

63 82.4 85.1 127.7#

95 25.6 30.2 45.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 4010

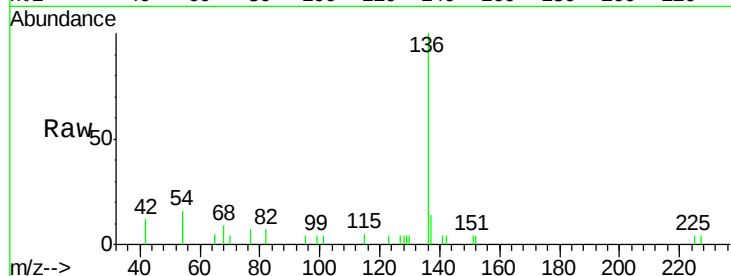
Ion Ratio Lower Upper

136 100

137 14.2 10.3 15.5

54 15.9 12.6 19.0

68 8.7 6.5 9.7

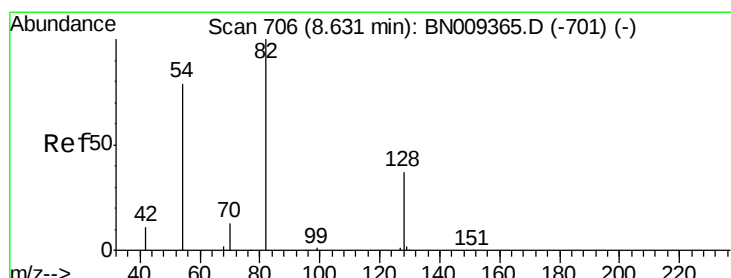
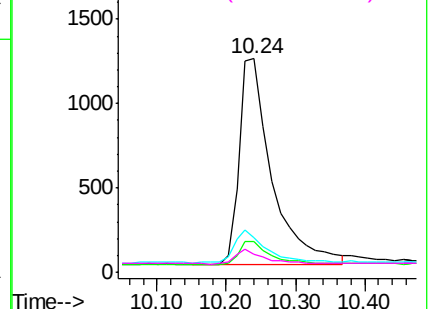
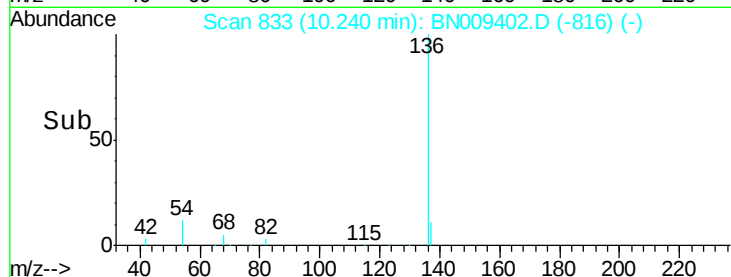


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.289 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

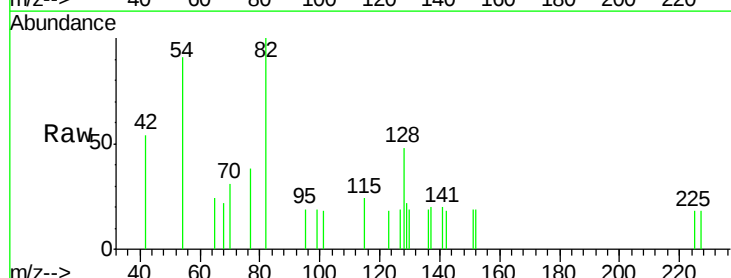
Tgt Ion: 82 Resp: 925

Ion Ratio Lower Upper

82 100

128 47.8 34.8 52.2

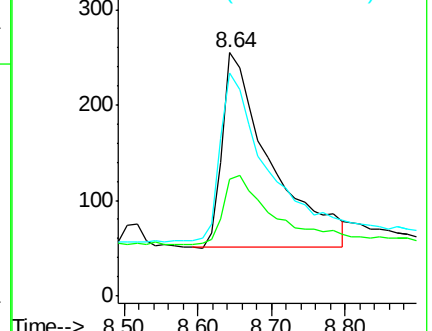
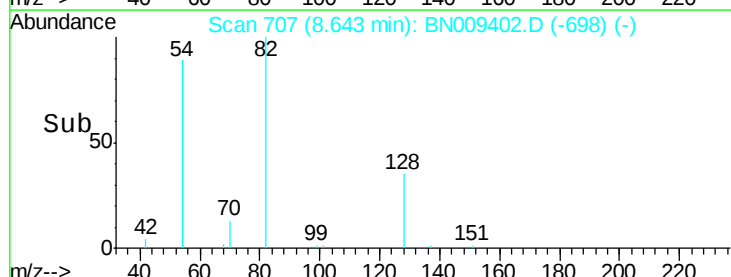
54 91.4 65.8 98.6

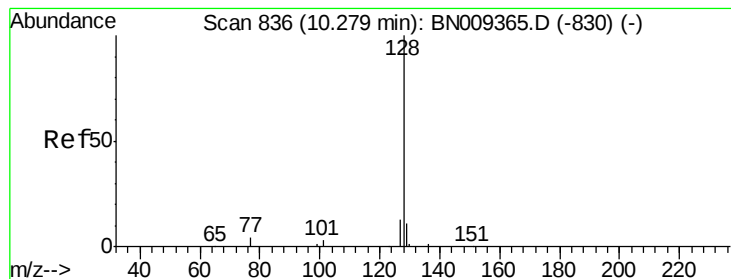


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.084 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

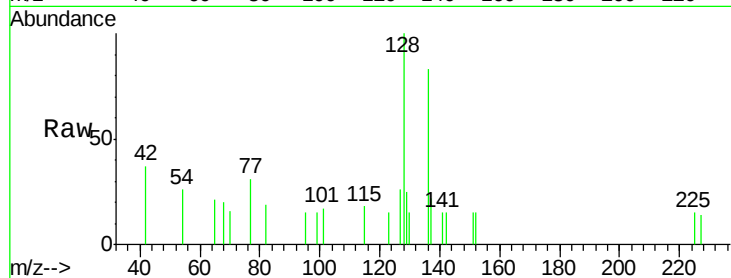
Tot Ion:128 Resp: 916

Ion Ratio Lower Upper

128 100

129 24.6 10.4 15.6#

127 25.9 11.4 17.2#



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

10.29

300

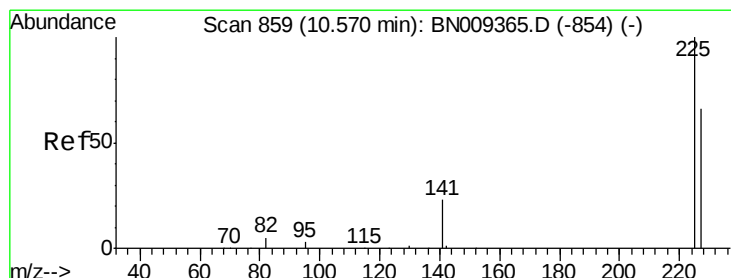
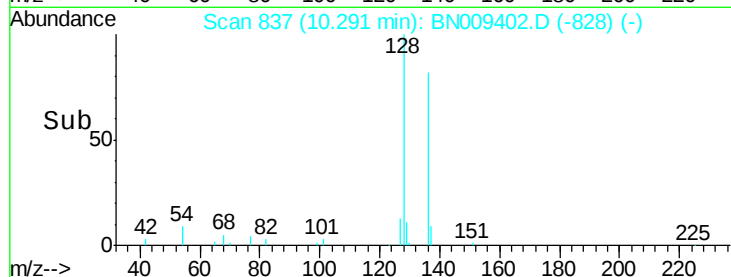
200

100

0

10.20 10.30 10.40 10.50

Time-->



#10

Hexachlorobutadiene

Concen: 0.090 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

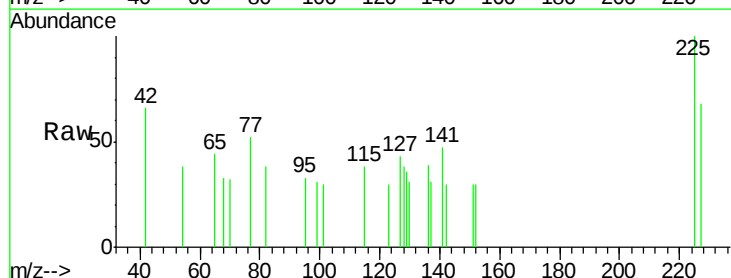
Tgt Ion:225 Resp: 213

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 59.6 52.6 78.8



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

10.56

200

150

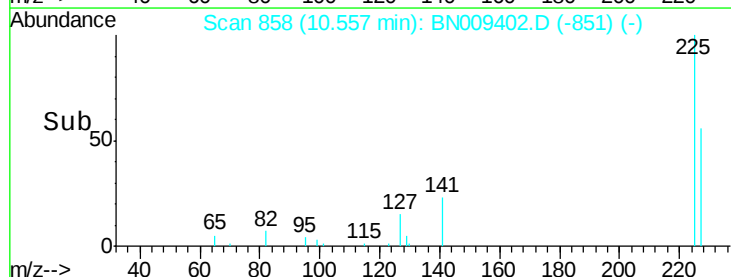
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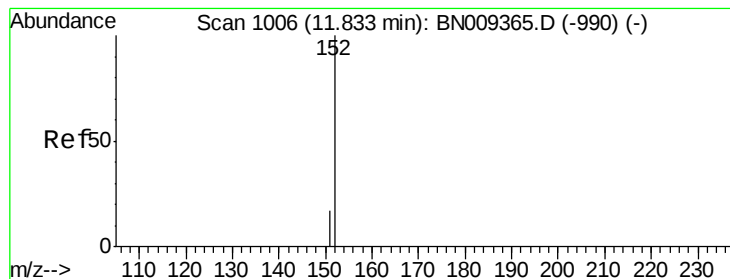
50

0

10.50 10.60

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 11.85 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

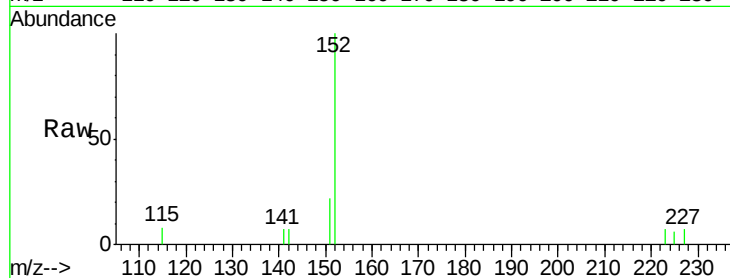
ClientSampleId :

Tot Ion:152 Resp: 2157

Ion Ratio Lower Upper

152 100

151 17.7 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

400

200

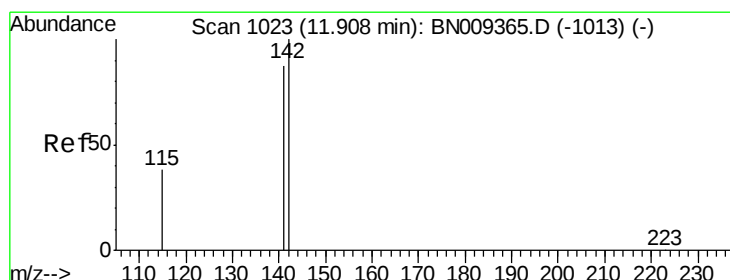
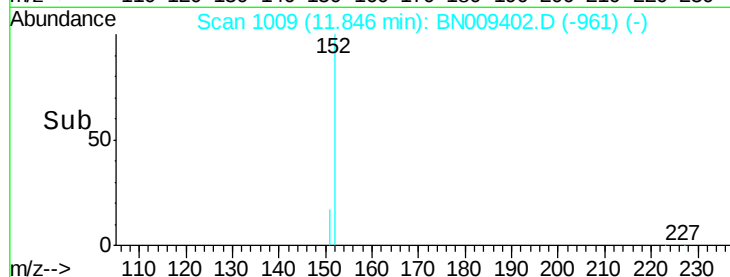
0

11.80

11.85

12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.079 ng

RT: 11.92 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

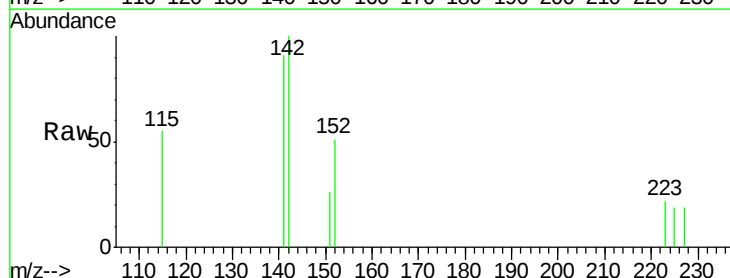
Tgt Ion:142 Resp: 596

Ion Ratio Lower Upper

142 100

141 90.8 69.8 104.6

115 54.8 32.5 48.7#



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

300

250

200

150

100

50

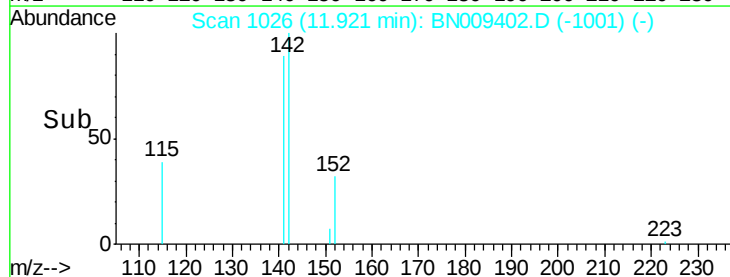
0

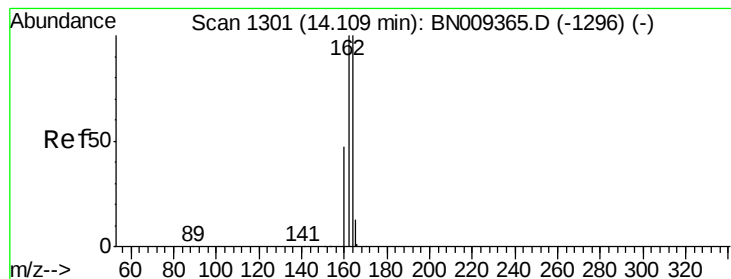
11.80

11.90

12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

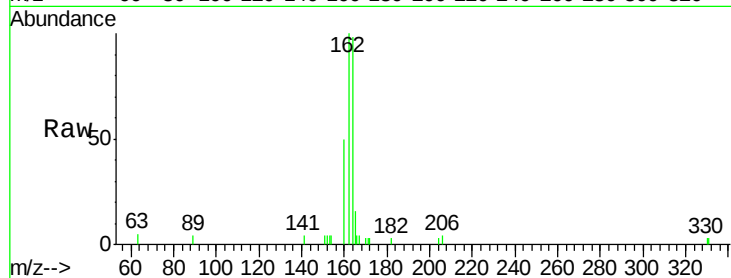
Tot Ion:164 Resp: 2625

Ion Ratio Lower Upper

164 100

162 102.5 79.8 119.6

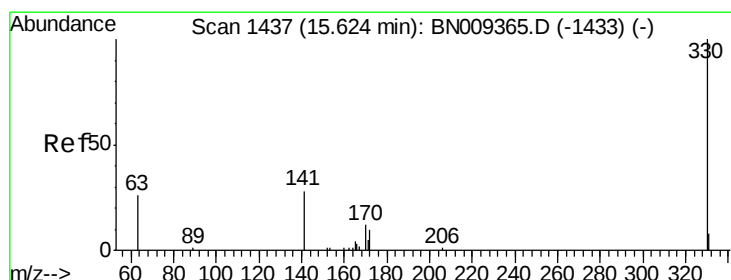
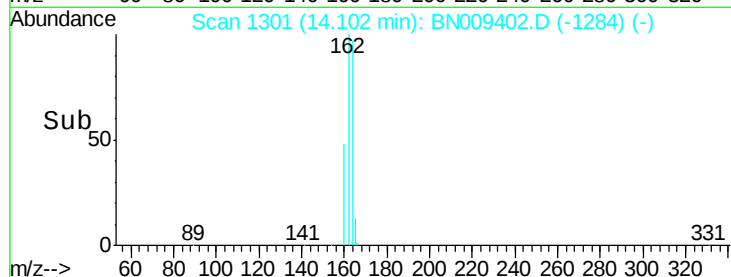
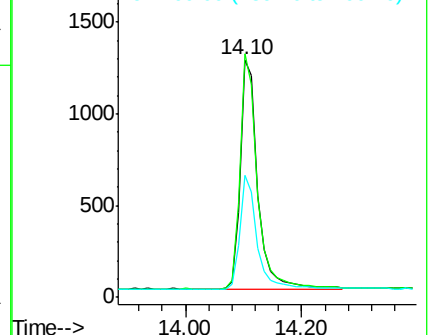
160 51.1 38.4 57.6



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: 0.275 ng

RT: 15.63 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

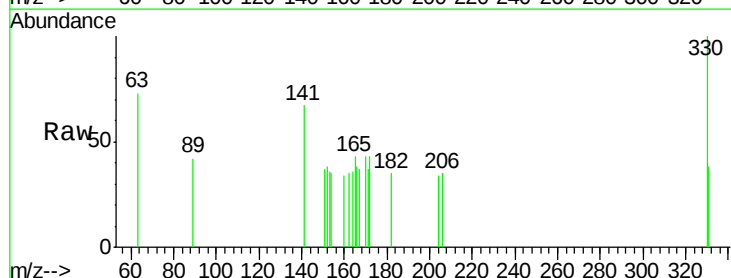
Tgt Ion:330 Resp: 273

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

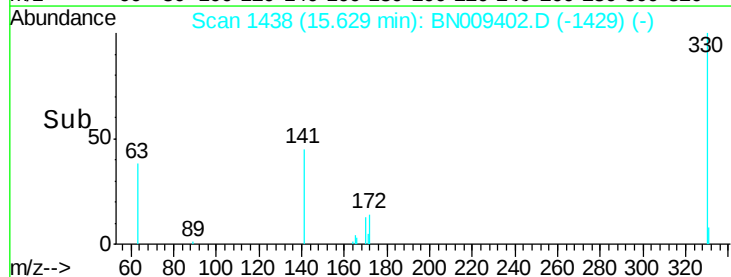
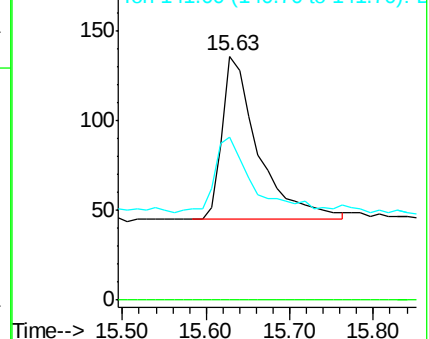
141 48.4 33.1 49.7

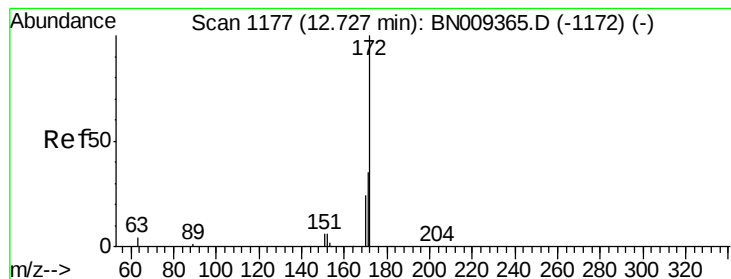


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.313 ng

RT: 12.74 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

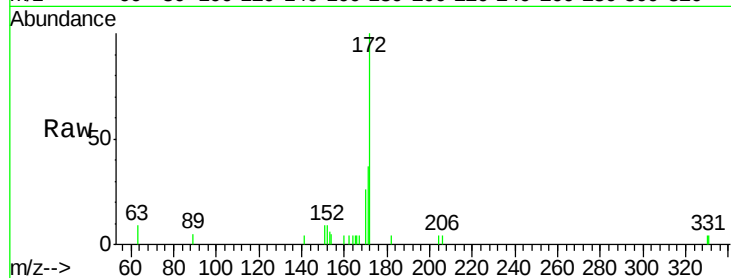
Tot Ion:172 Resp: 3078

Ion Ratio Lower Upper

172 100

171 36.6 29.5 44.3

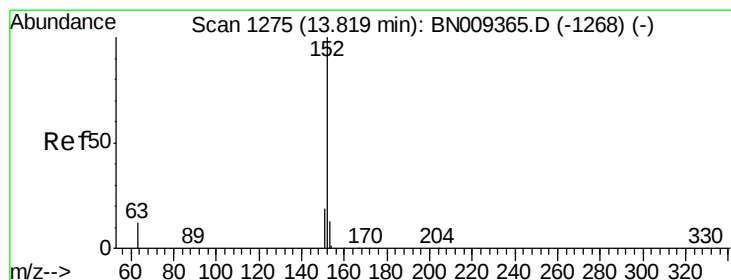
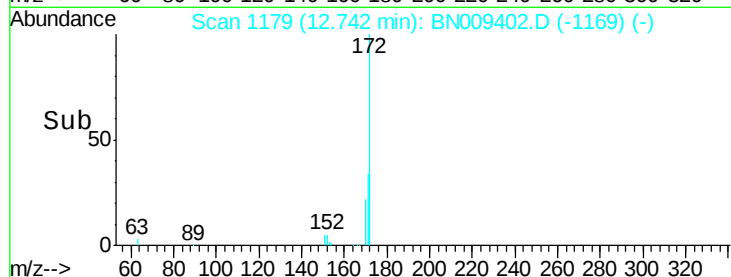
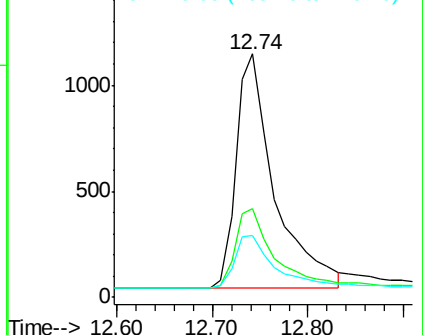
170 25.5 20.7 31.1



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: 0.075 ng

RT: 13.82 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

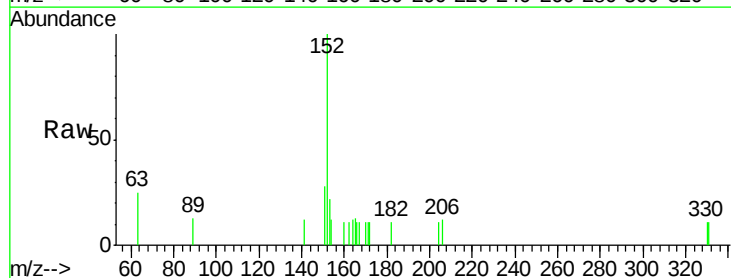
Tgt Ion:152 Resp: 847

Ion Ratio Lower Upper

152 100

151 20.7 15.4 23.2

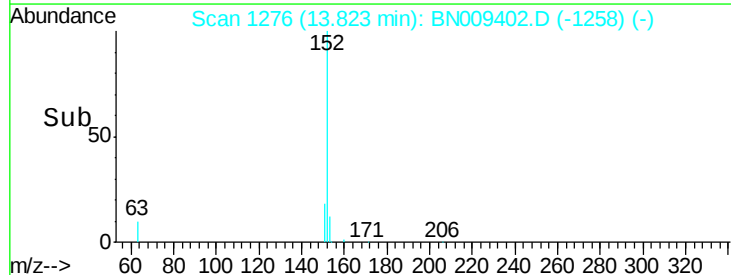
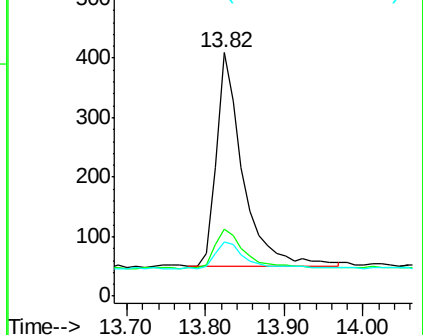
153 13.9 10.4 15.6

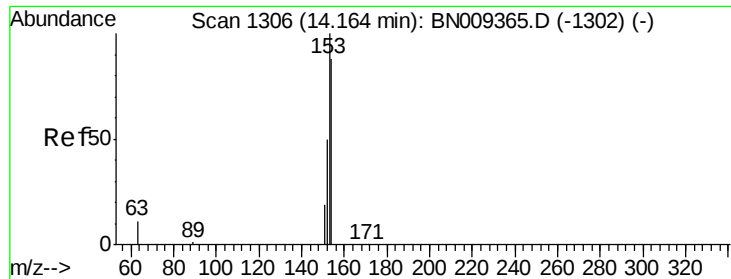


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

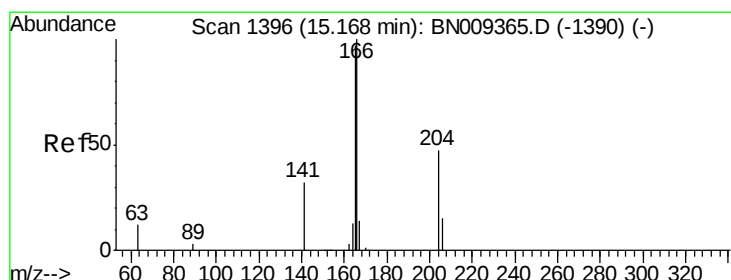
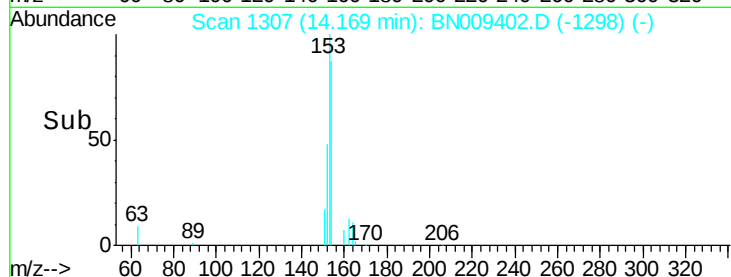
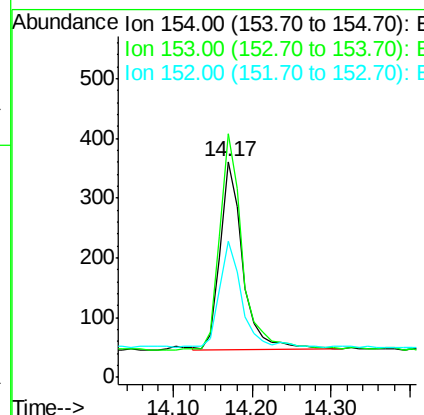
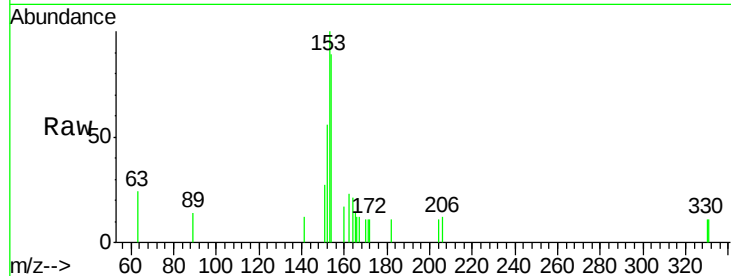




#17
Acenaphthene
Concen: 0.080 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009402.D
Acq: 20 Jan 2020 14:37

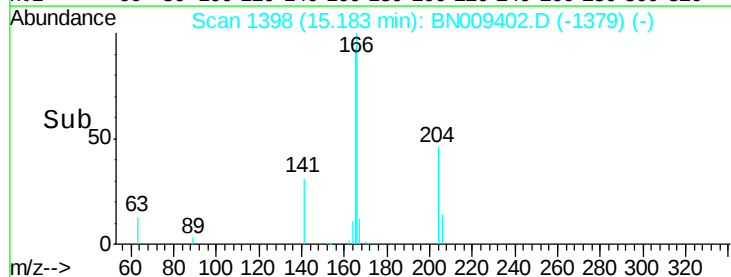
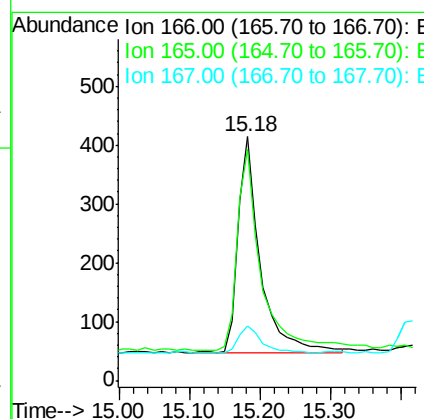
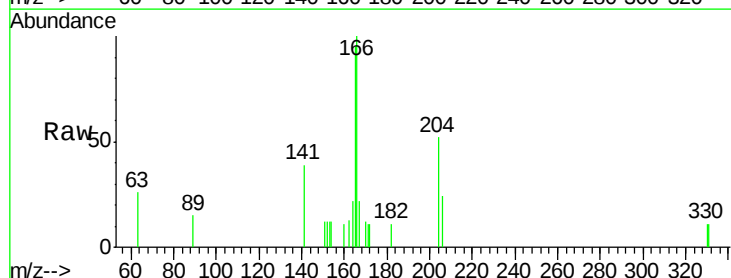
Instrument :
BNA_N
ClientSampleId :

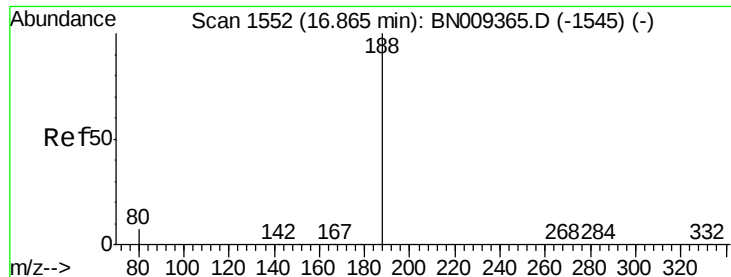
Tot Ion:154 Resp: 633
Ion Ratio Lower Upper
154 100
153 114.7 90.5 135.7
152 56.9 45.3 67.9



#18
Fluorene
Concen: 0.080 ng
RT: 15.18 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BN009402.D
Acq: 20 Jan 2020 14:37

Tgt Ion:166 Resp: 825
Ion Ratio Lower Upper
166 100
165 96.2 78.2 117.2
167 13.5 11.0 16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

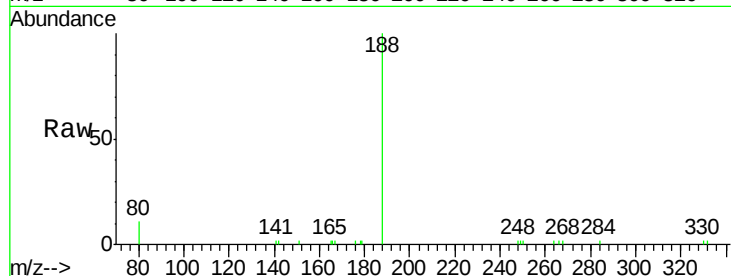
Tot Ion:188 Resp: 5827

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

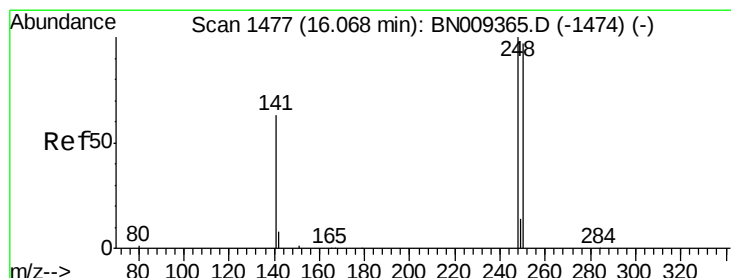
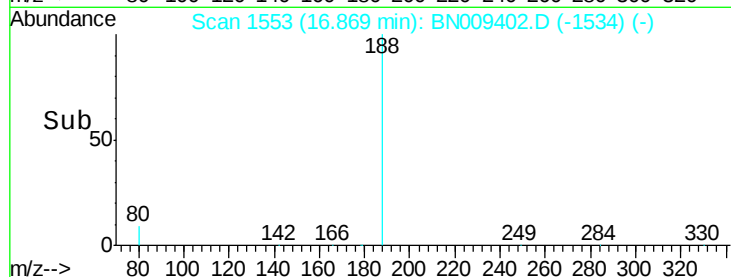
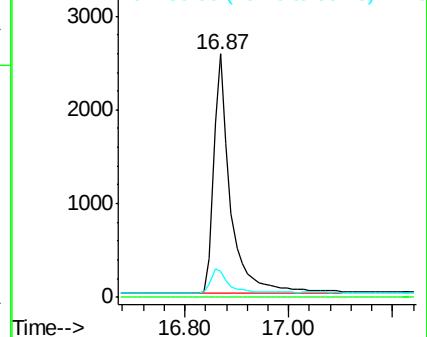
80 10.5 6.6 10.0#



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: 0.073 ng

RT: 16.08 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

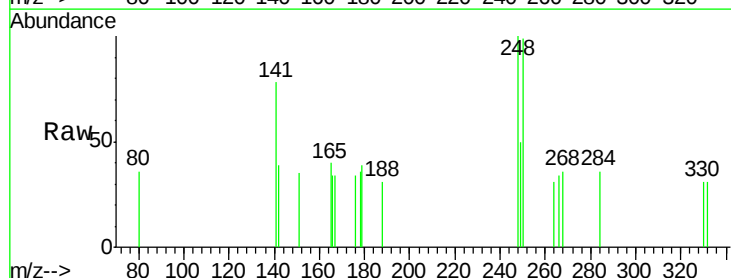
Tgt Ion:248 Resp: 255

Ion Ratio Lower Upper

248 100

250 98.6 77.8 116.8

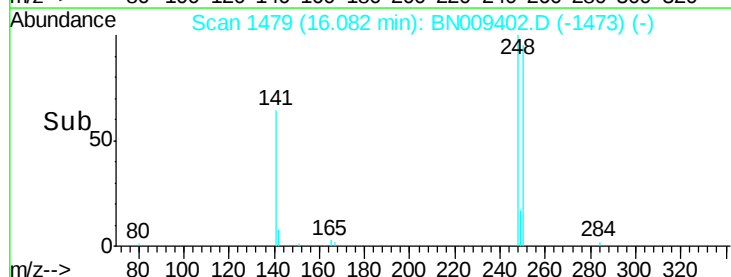
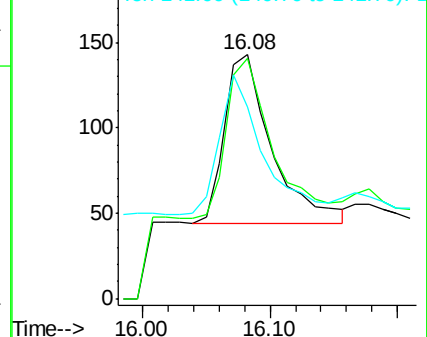
141 78.3 53.4 80.0

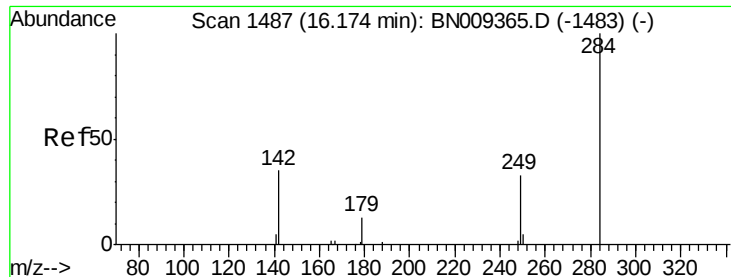


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.075 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

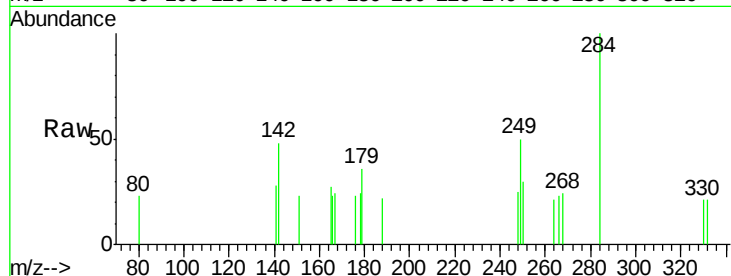
Tot Ion:284 Resp: 279

Ion Ratio Lower Upper

284 100

142 42.7 33.8 50.8

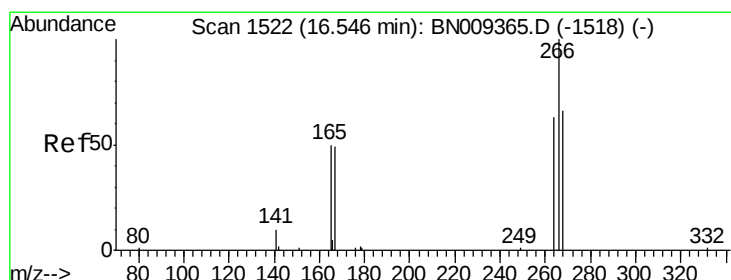
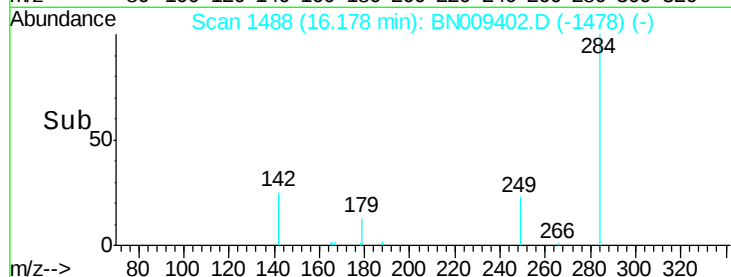
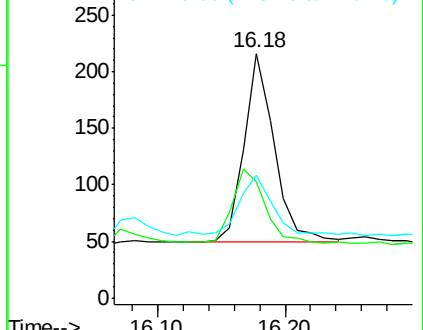
249 37.3 27.0 40.4



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: 0.151 ng

RT: 16.57 min Scan# 1525

Delta R.T. 0.03 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

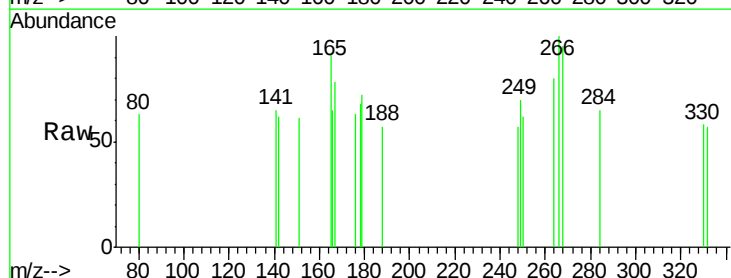
Tgt Ion:266 Resp: 158

Ion Ratio Lower Upper

266 100

264 79.7 57.8 86.6

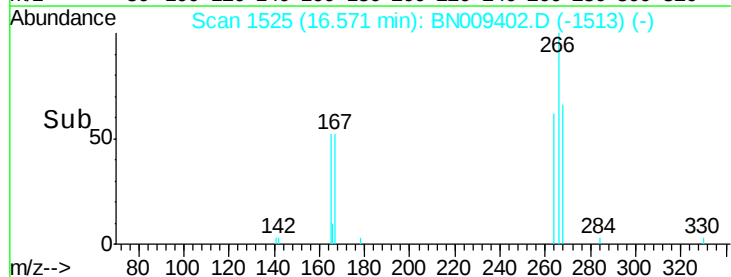
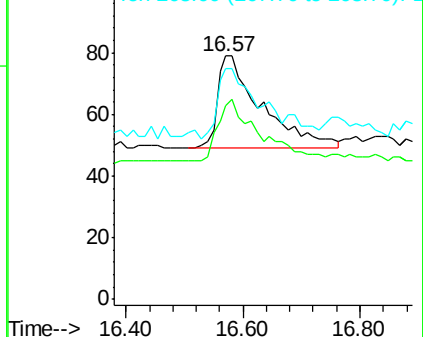
268 94.9 63.8 95.6



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: 0.074 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

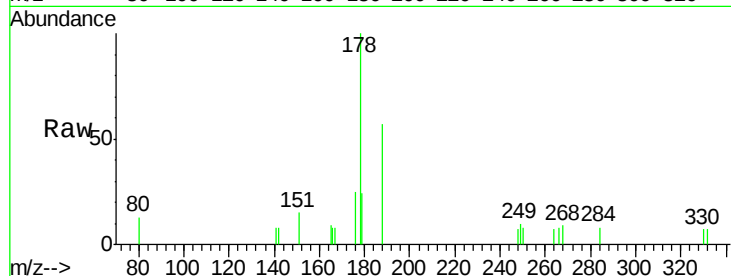
Tot Ion:178 Resp: 1303

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

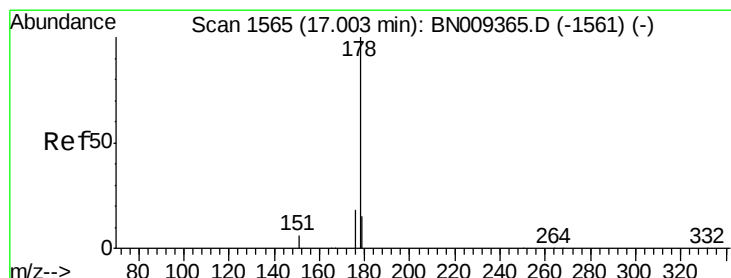
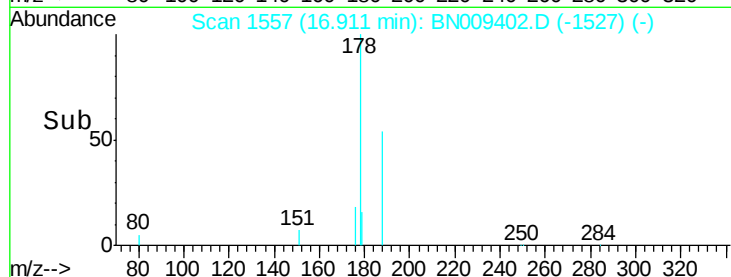
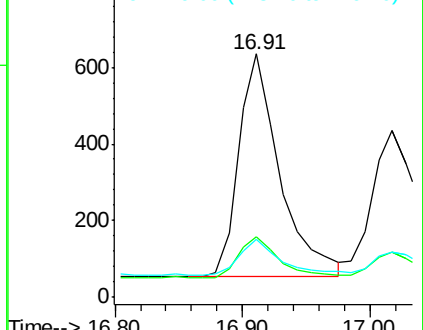
179 16.4 12.3 18.5



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: 0.069 ng

RT: 17.02 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

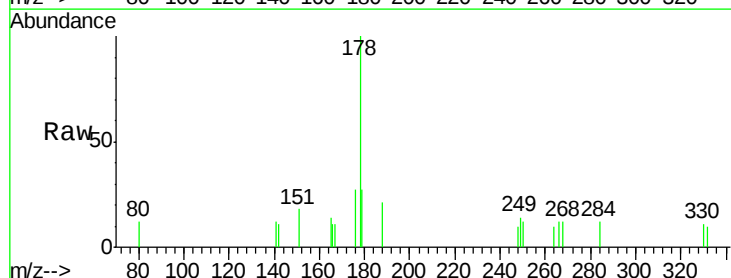
Tgt Ion:178 Resp: 1011

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

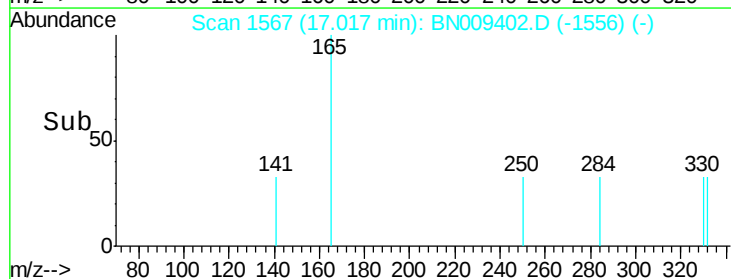
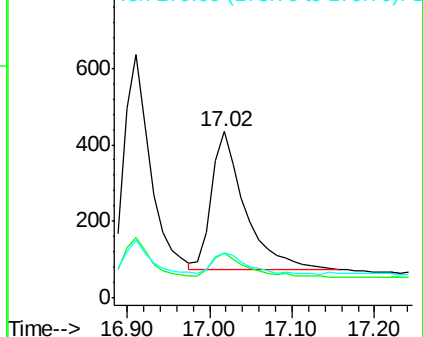
179 16.2 12.5 18.7

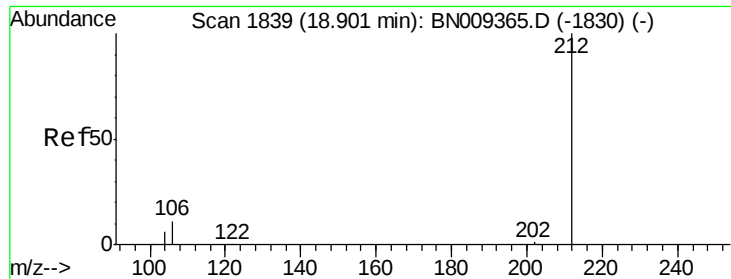


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.259 ng

RT: 18.90 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

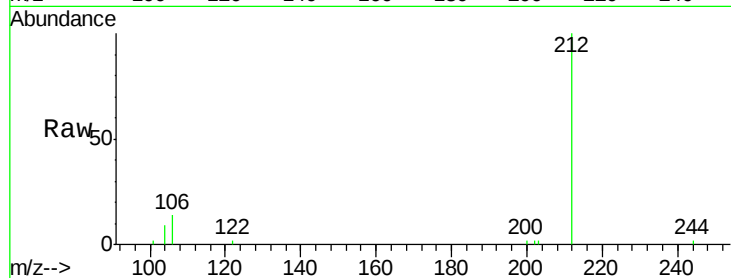
Tot Ion:212 Resp: 5181

Ion Ratio Lower Upper

212 100

106 11.7 9.2 13.8

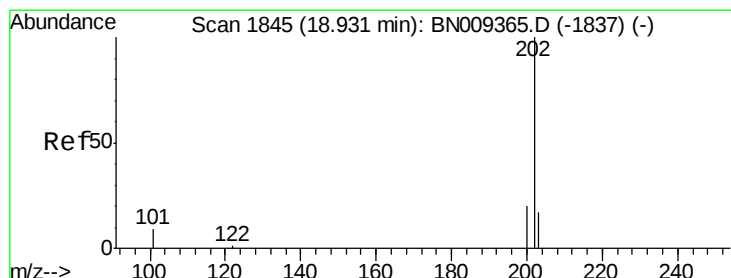
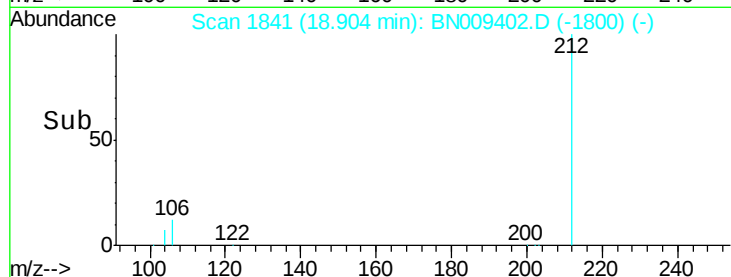
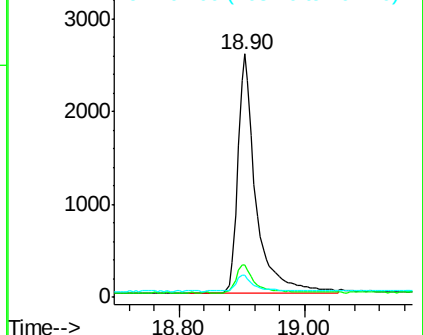
104 6.7 5.4 8.0



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: 0.076 ng

RT: 18.93 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

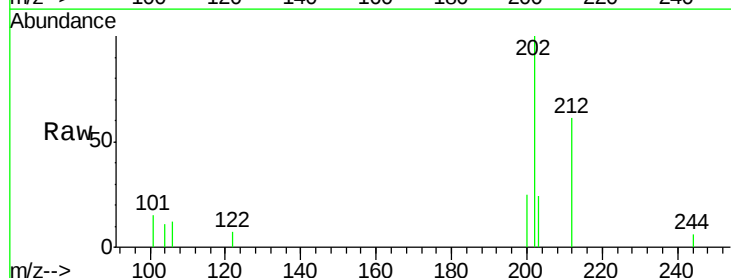
Tgt Ion:202 Resp: 1564

Ion Ratio Lower Upper

202 100

101 10.8 8.0 12.0

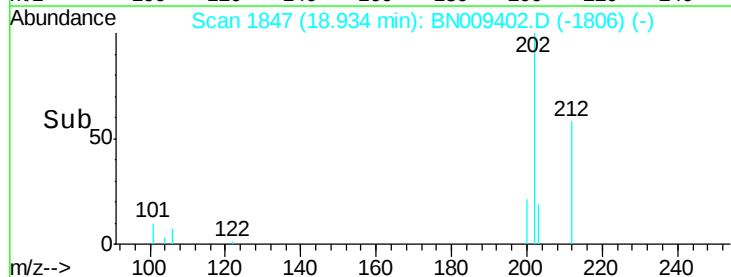
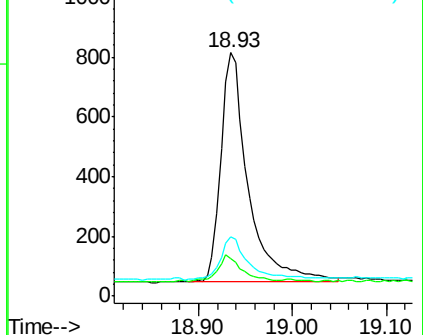
203 18.4 13.5 20.3

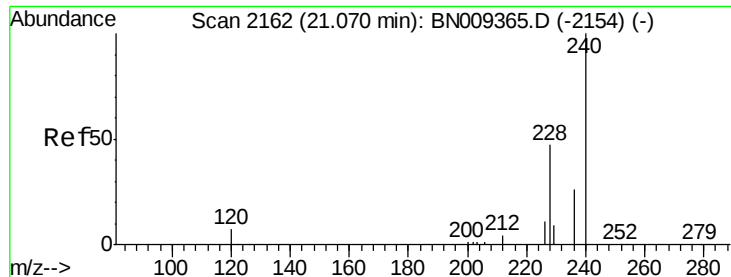


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampled :

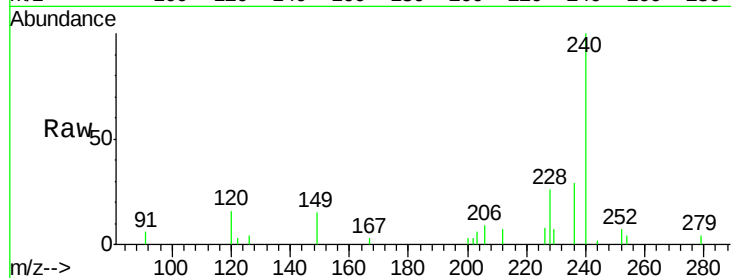
Tot Ion:240 Resp: 4993

Ion Ratio Lower Upper

240 100

120 16.3 8.1 12.1#

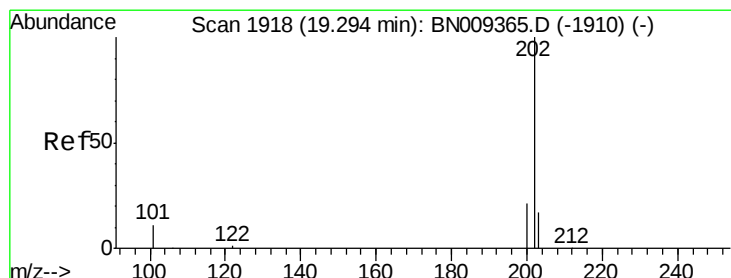
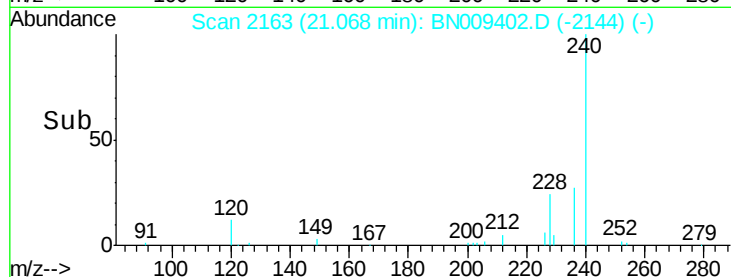
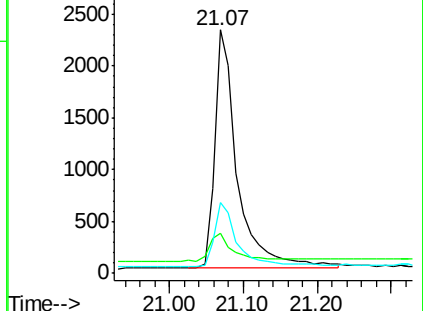
236 29.2 22.2 33.4



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: 0.086 ng

RT: 19.30 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

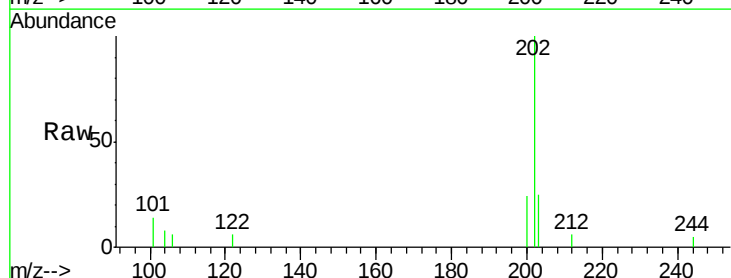
Tgt Ion:202 Resp: 1630

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

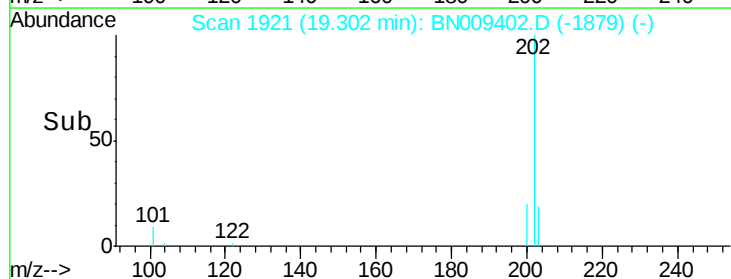
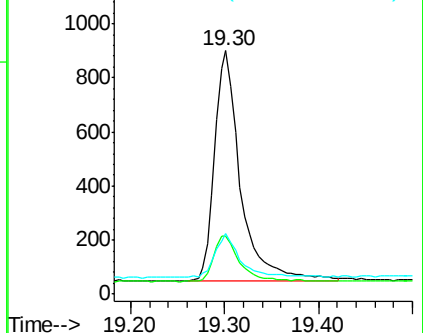
203 18.5 14.1 21.1

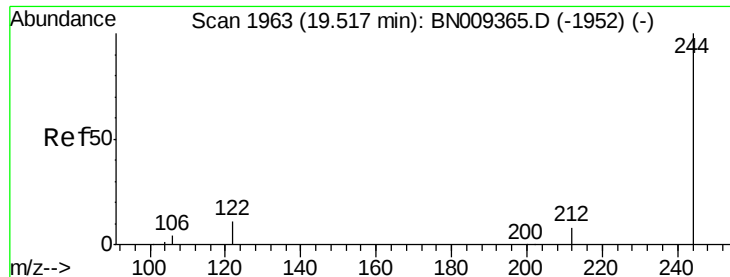


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

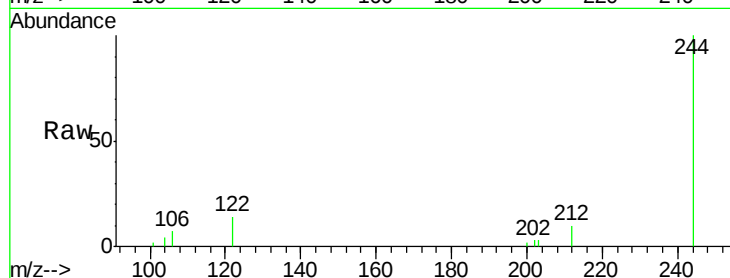
Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :



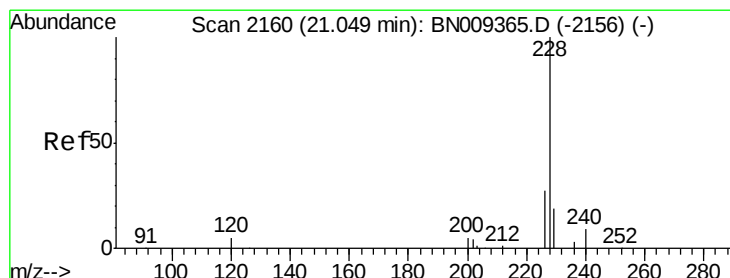
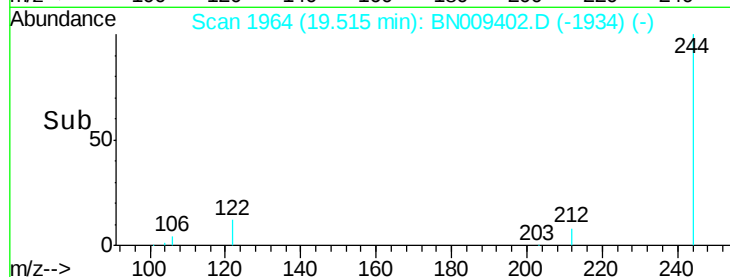
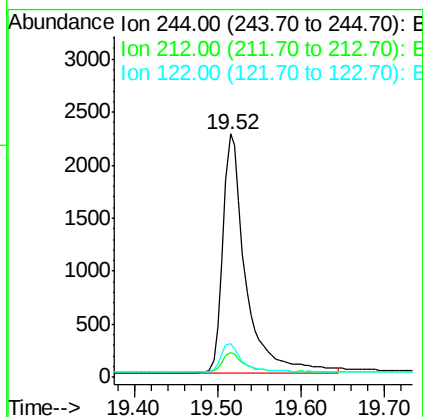
Tot Ion:244 Resp: 4273

Ion Ratio Lower Upper

244 100

212 10.3 7.5 11.3

122 14.1 9.8 14.6



#30

Benzo(a)anthracene

Concen: 0.095 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.06 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

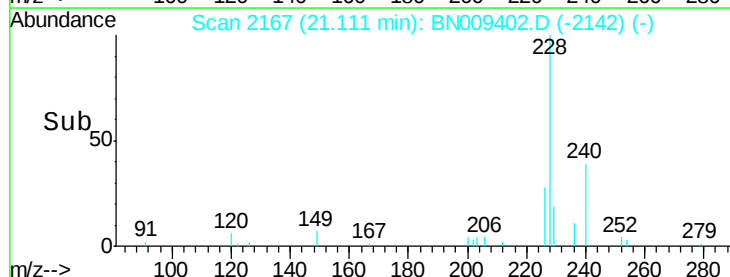
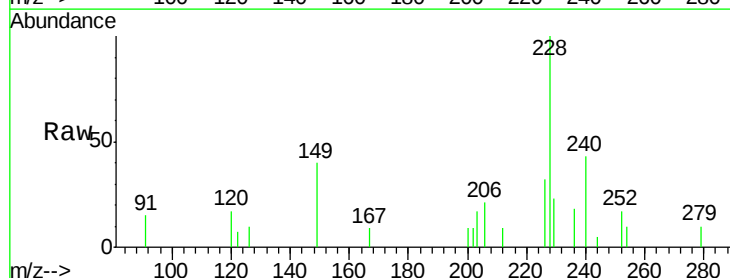
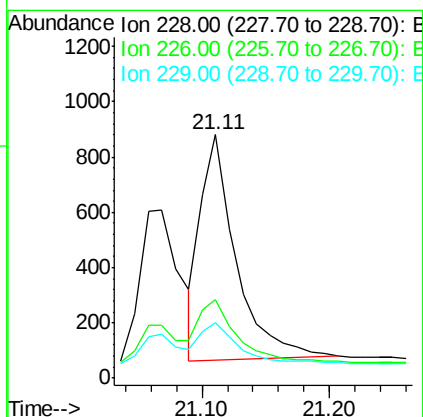
Tgt Ion:228 Resp: 1564

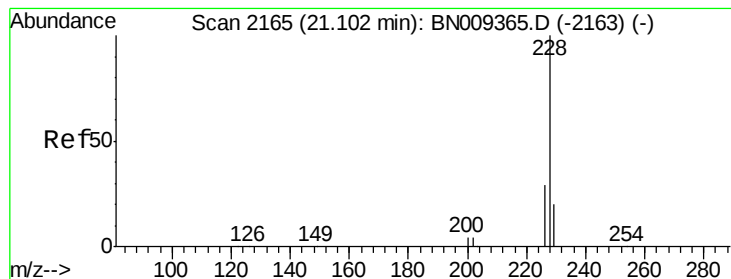
Ion Ratio Lower Upper

228 100

226 32.3 22.5 33.7

229 22.9 16.1 24.1





#31

Chrysene

Concen: 0.084 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.01 min

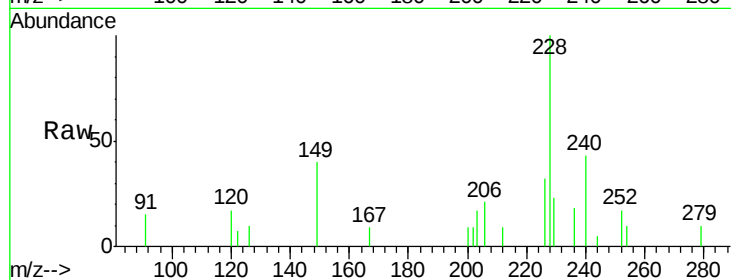
Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampled :



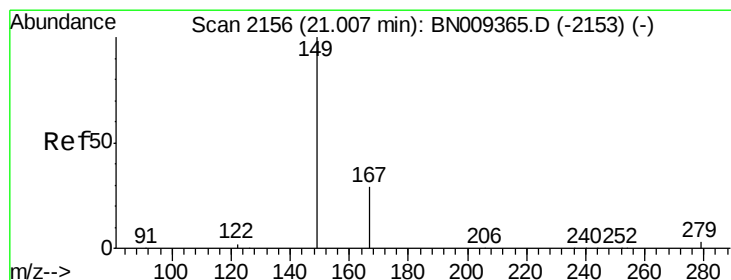
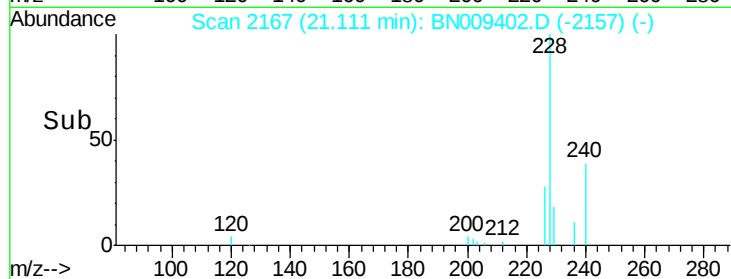
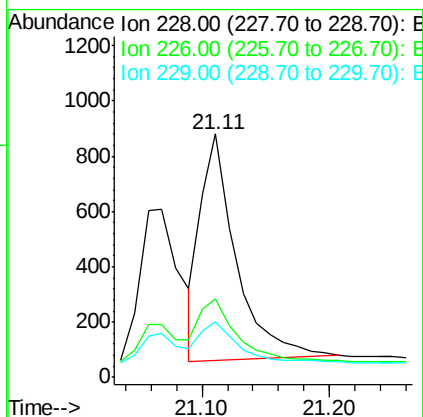
Tot Ion:228 Resp: 1582

Ion Ratio Lower Upper

228 100

226 32.3 23.8 35.8

229 22.9 16.6 24.8



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

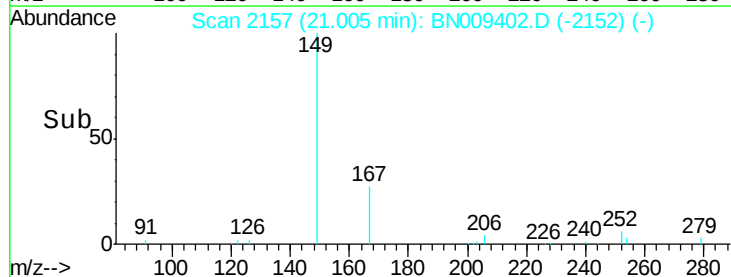
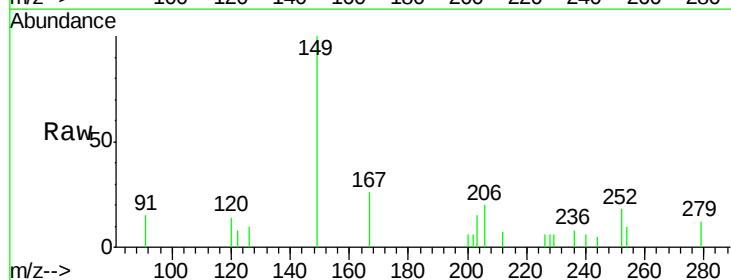
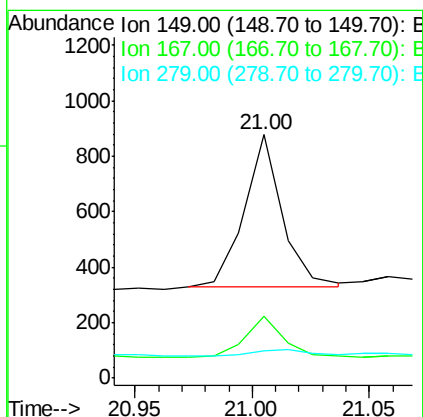
Tgt Ion:149 Resp: 615

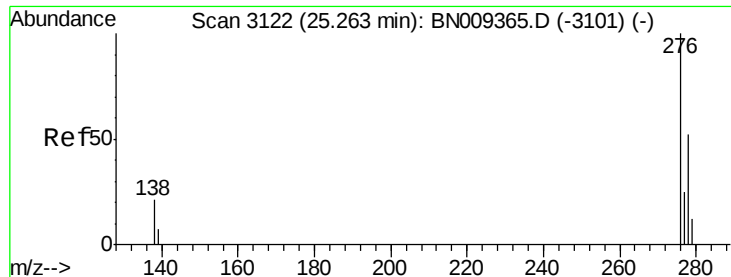
Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

279 5.9 3.4 5.0#

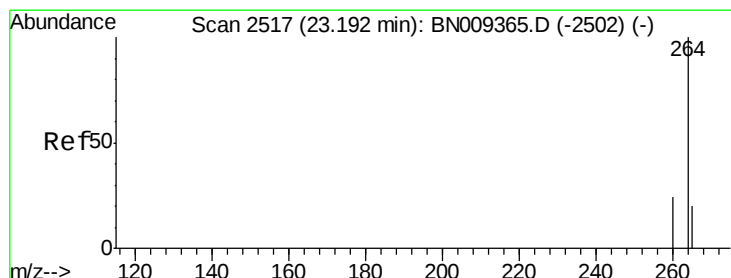
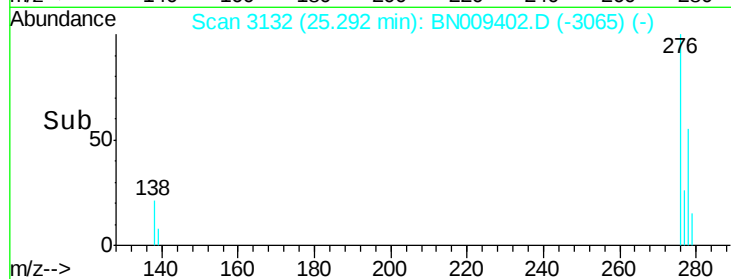
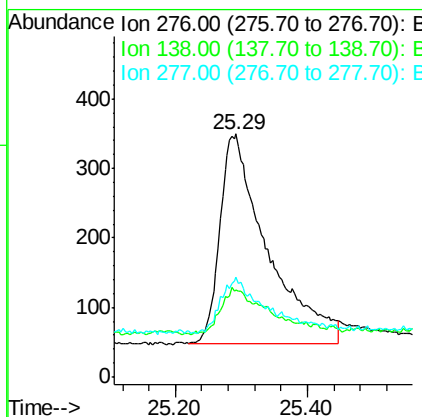
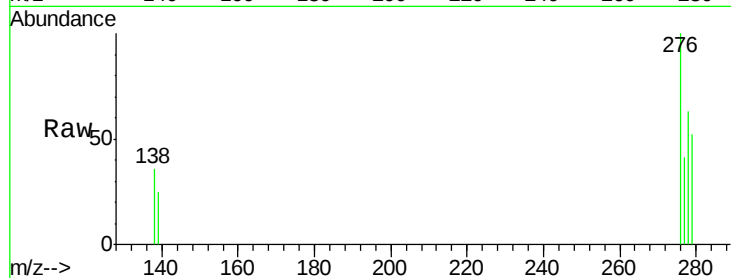




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng
RT: 25.29 min Scan# 3132
Delta R.T. 0.03 min
Lab File: BN009402.D
Acq: 20 Jan 2020 14:37

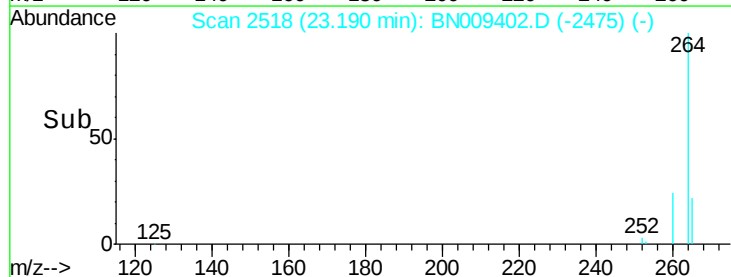
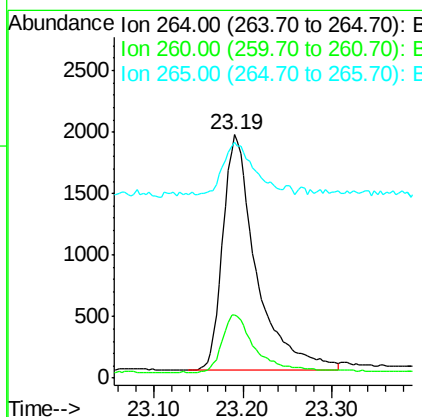
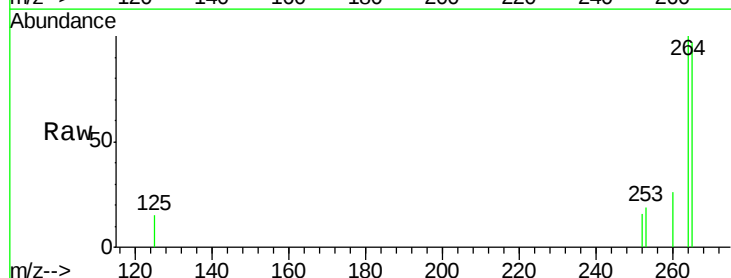
Instrument :
BNA_N
ClientSampleId :

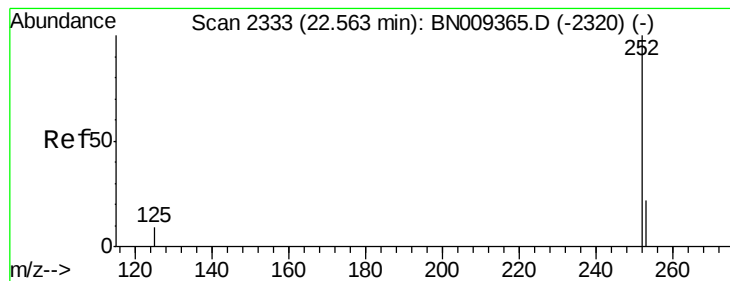
Tot Ion:276 Resp: 1508
Ion Ratio Lower Upper
276 100
138 19.5 15.9 23.9
277 18.0 19.8 29.6#



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN009402.D
Acq: 20 Jan 2020 14:37

Tgt Ion:264 Resp: 5008
Ion Ratio Lower Upper
264 100
260 25.9 20.1 30.1
265 96.7 68.2 102.4





#35

Benzo(b)fluoranthene

Concen: 0.074 ng

RT: 22.57 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

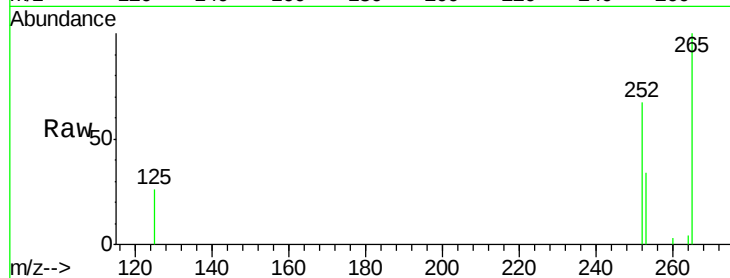
Tot Ion:252 Resp: 1356

Ion Ratio Lower Upper

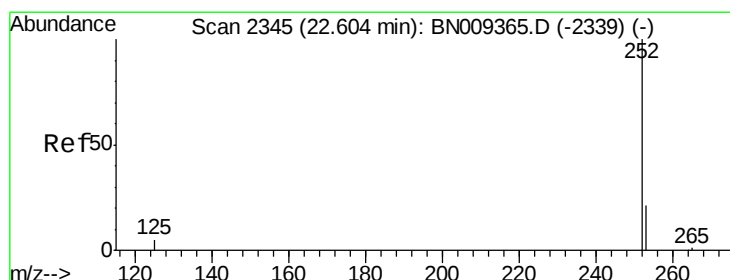
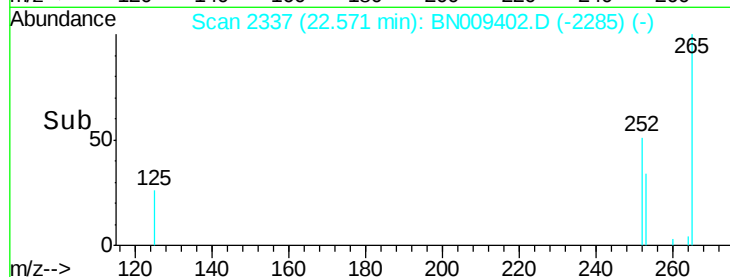
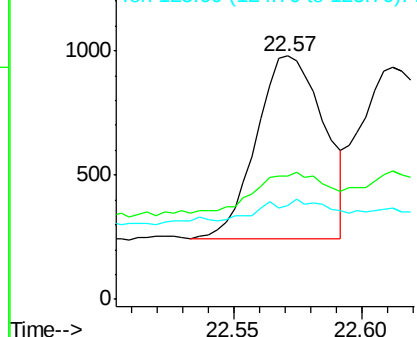
252 100

253 50.6 22.4 33.6#

125 38.8 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



#36

Benzo(k)fluoranthene

Concen: 0.086 ng

RT: 22.61 min Scan# 2349

Delta R.T. 0.01 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

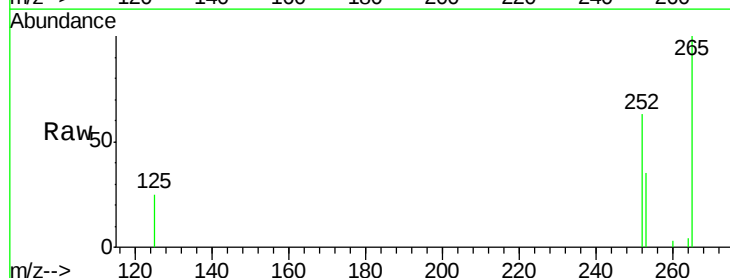
Tgt Ion:252 Resp: 1742

Ion Ratio Lower Upper

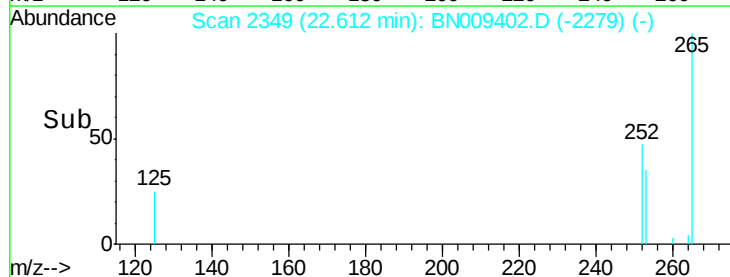
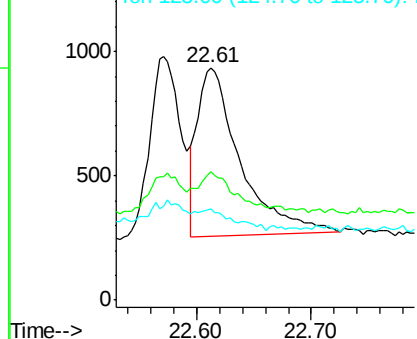
252 100

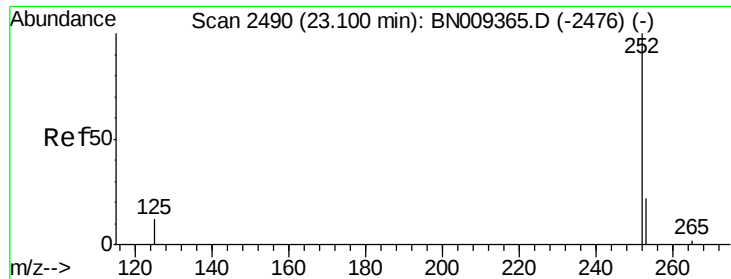
253 55.0 21.9 32.9#

125 39.4 12.0 18.0#



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: 0.084 ng

RT: 23.11 min Scan# 2495

Delta R.T. 0.01 min

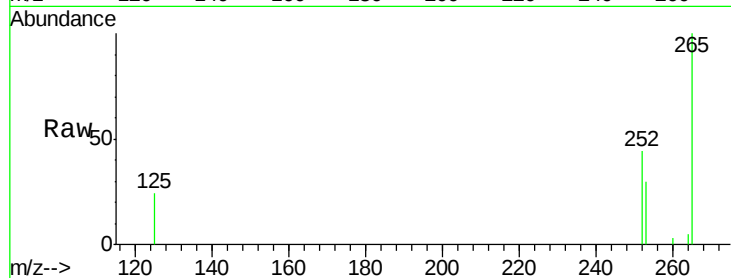
Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampled :



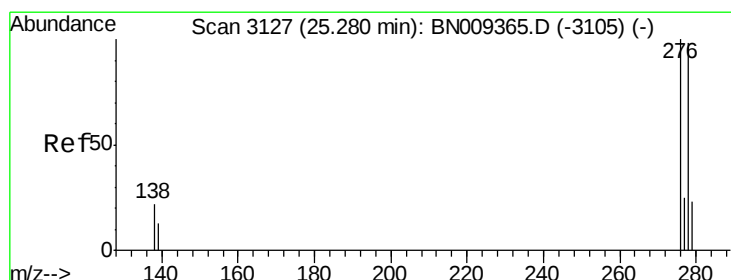
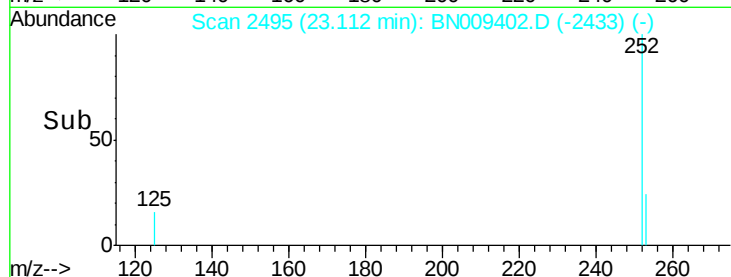
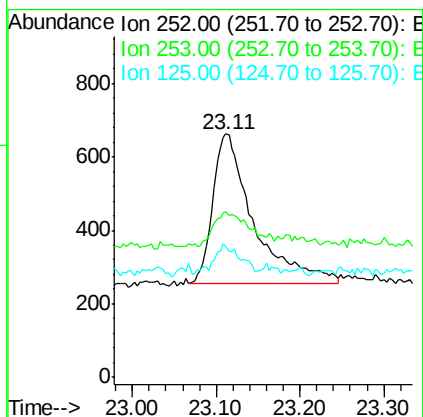
Tot Ion:252 Resp: 1358

Ion Ratio Lower Upper

252 100

253 68.0 25.4 38.0#

125 53.8 16.2 24.2#



#38

Dibenzo(a,h)anthracene

Concen: 0.073 ng

RT: 25.31 min Scan# 3136

Delta R.T. 0.03 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

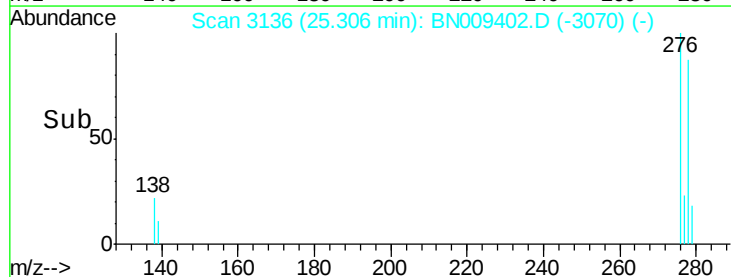
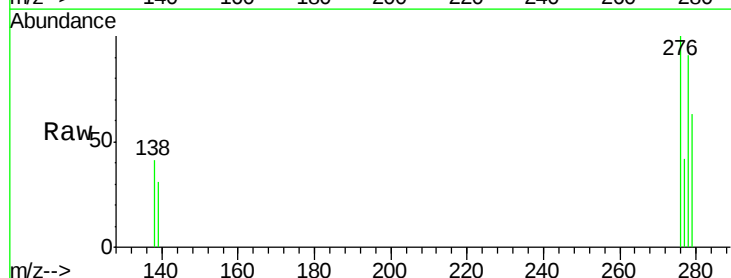
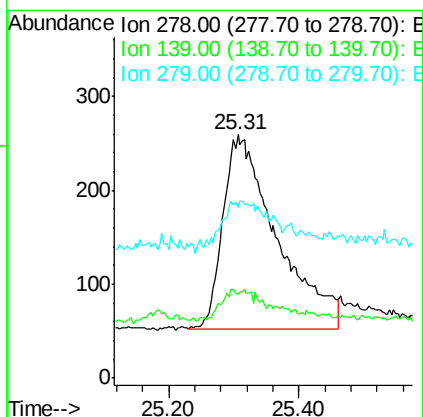
Tgt Ion:278 Resp: 1189

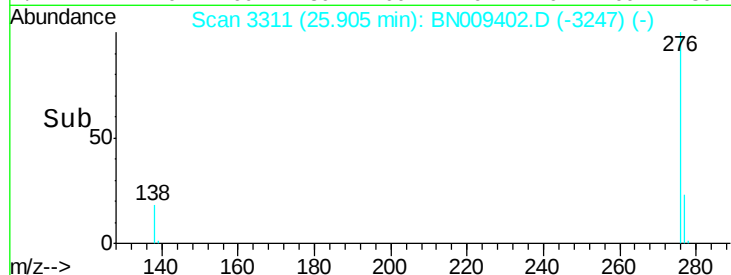
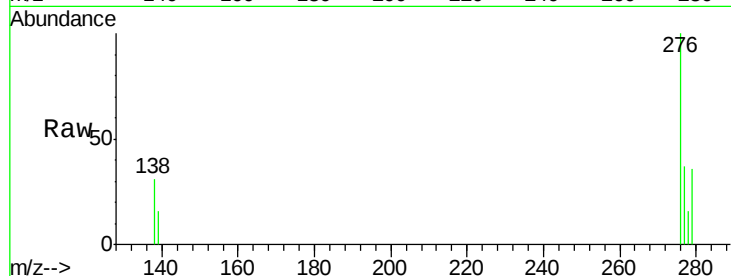
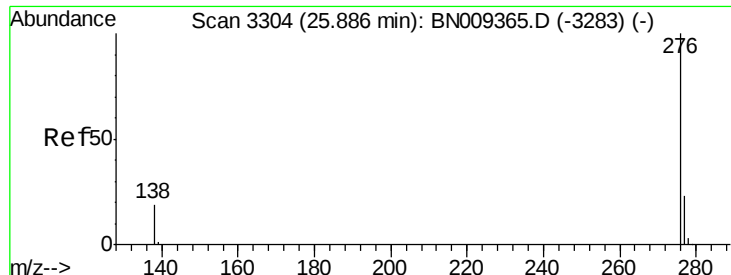
Ion Ratio Lower Upper

278 100

139 34.4 14.5 21.7#

279 69.9 24.2 36.4#





#39

Benzo(a,h,i)perylene

Concen: 0.083 ng

RT: 25.90 min Scan# 3311

Delta R.T. 0.02 min

Lab File: BN009402.D

Acq: 20 Jan 2020 14:37

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 276 Resp: 1496

Ion Ratio Lower Upper

276 100

277 36.8 20.6 30.8#

138 31.2 17.1 25.7#

