

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
 Data File : BN009370.D
 Acq On : 13 Jan 2020 18:41
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN011420

Quant Time: Jan 14 09:38:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1545	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	5410	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3319	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7310	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6351	0.40	ng	0.00
34) Perylene-d12	23.19	264	6404	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1486	0.42	ng	0.00
5) Phenol-d6	6.68	99	1688	0.41	ng	0.00
8) Nitrobenzene-d5	8.63	82	1702	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.83	152	4169	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	467	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5130	0.41	ng	0.00
25) Fluoranthene-d10	18.90	212	9626	0.38	ng	0.00
29) Terphenyl-d14	19.52	244	6094	0.41	ng	0.00

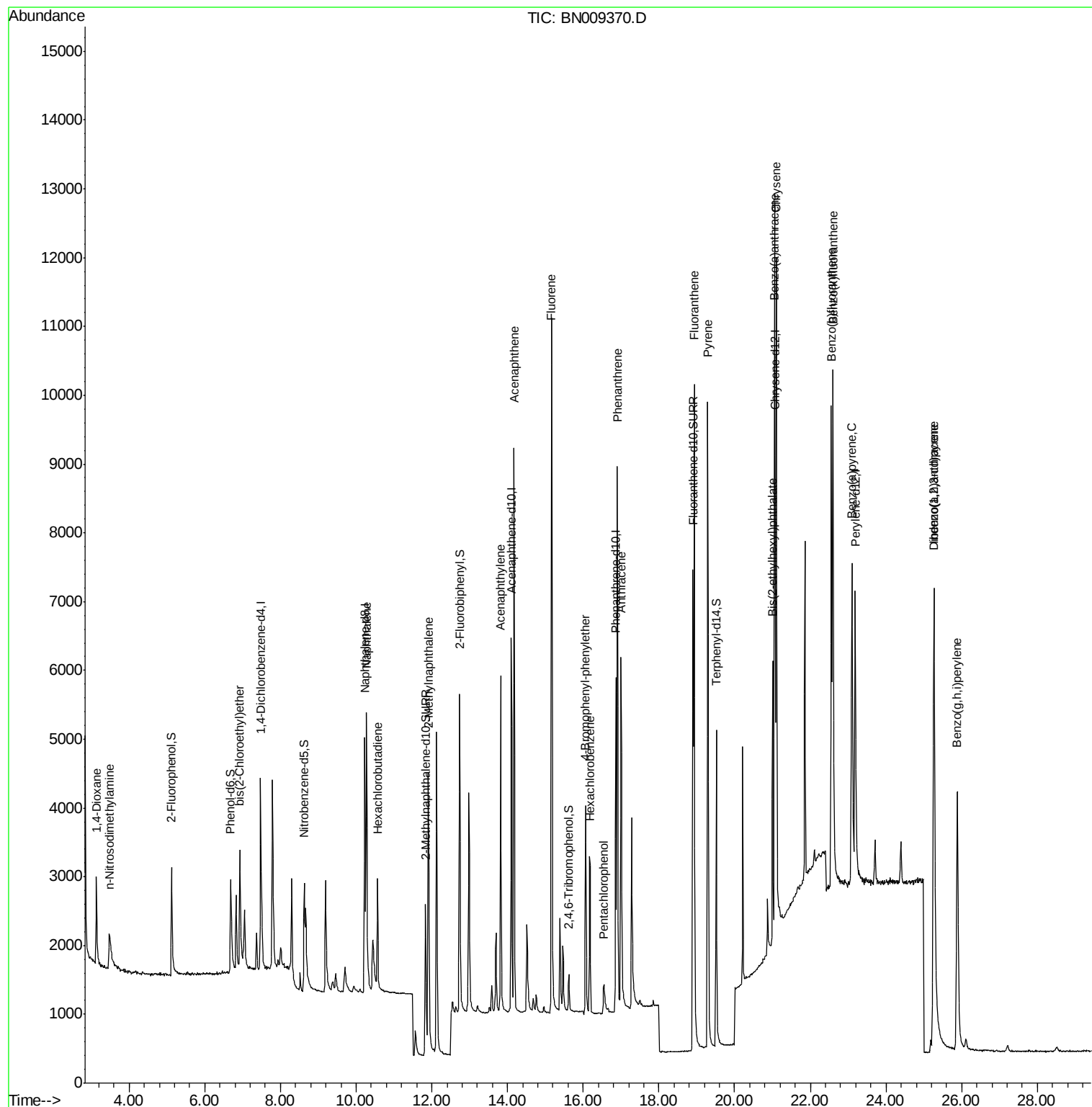
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	688	0.427	ng	94
3) n-Nitrosodimethylamine	3.47	42	840	0.338	ng	# 92
6) bis(2-Chloroethyl)ether	6.93	93	1665	0.393	ng	92
9) Naphthalene	10.28	128	5974	0.408	ng	99
10) Hexachlorobutadiene	10.57	225	1302	0.406	ng	# 97
12) 2-Methylnaphthalene	11.91	142	4088	0.401	ng	99
16) Acenaphthylene	13.82	152	5576	0.389	ng	99
17) Acenaphthene	14.17	154	4094	0.407	ng	100
18) Fluorene	15.16	166	5252	0.400	ng	100
20) 4-Bromophenyl-phenylether	16.06	248	1734	0.394	ng	# 86
21) Hexachlorobenzene	16.18	284	1905	0.406	ng	98
22) Pentachlorophenol	16.55	266	457	0.423	ng	97
23) Phenanthrene	16.90	178	8721	0.397	ng	100
24) Anthracene	17.00	178	7043	0.382	ng	100
26) Fluoranthene	18.93	202	9869	0.383	ng	100
28) Pyrene	19.29	202	9975	0.414	ng	100
30) Benzo(a)anthracene	21.05	228	8343	0.400	ng	99
31) Chrysene	21.10	228	9415	0.394	ng	100
32) Bis(2-ethylhexyl)phthalate	21.00	149	3543	0.384	ng	98
33) Indeno(1,2,3-cd)pyrene	25.26	276	10220	0.411	ng	98
35) Benzo(b)fluoranthene	22.56	252	9190	0.390	ng	99
36) Benzo(k)fluoranthene	22.60	252	10243	0.394	ng	99
37) Benzo(a)pyrene	23.10	252	8292	0.400	ng	97
38) Dibenzo(a,h)anthracene	25.27	278	8043	0.386	ng	98
39) Benzo(g,h,i)perylene	25.88	276	8837	0.385	ng	99

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

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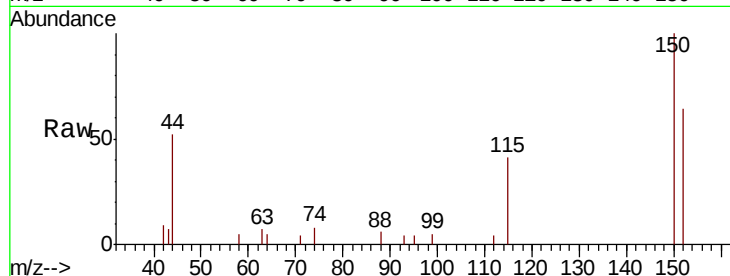


#1

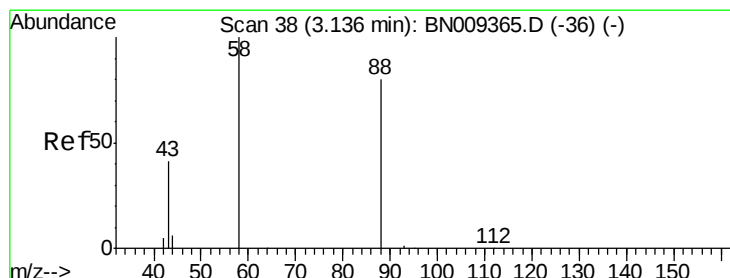
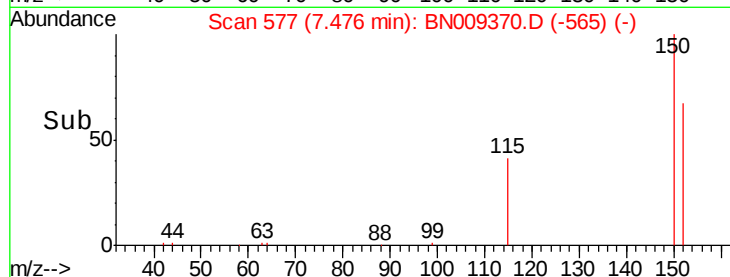
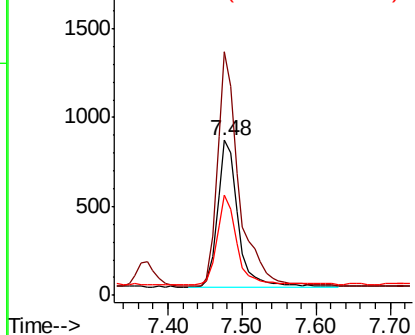
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tot Ion:152 Resp: 1545
Ion Ratio Lower Upper
152 100
150 157.0 125.7 188.5
115 65.0 53.3 79.9



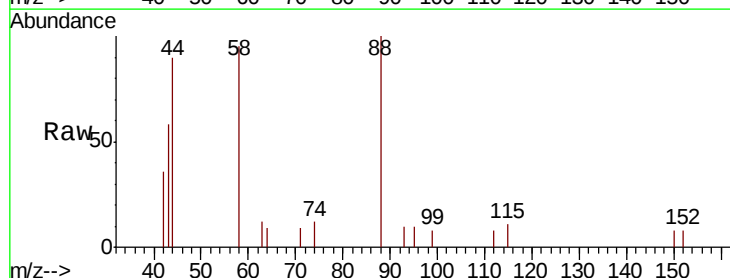
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



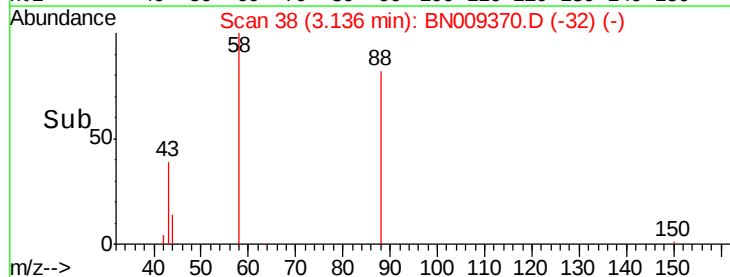
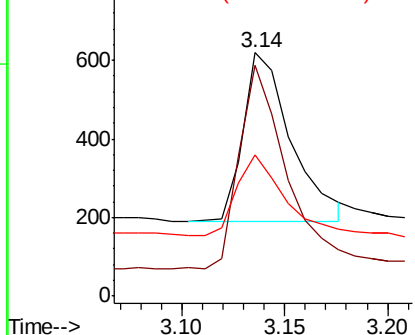
#2

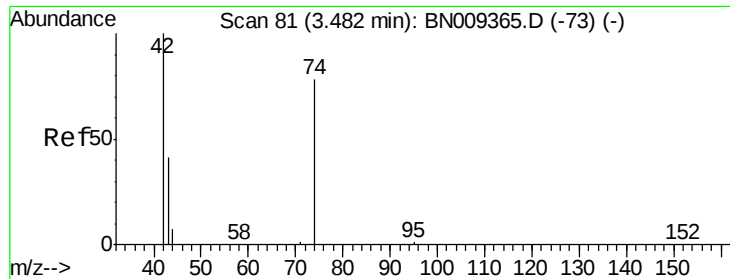
1,4-Dioxane
Concen: 0.427 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
58 119.3 100.2 150.2
43 47.8 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: 0.338 ng

RT: 3.47 min Scan# 80

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

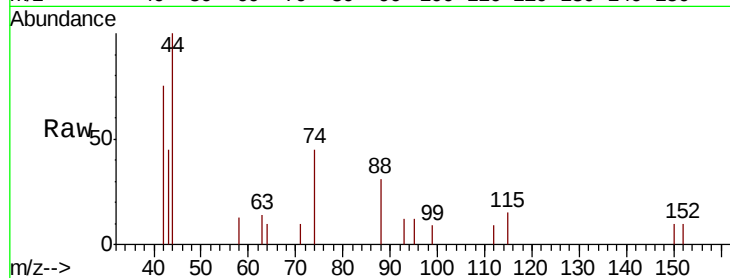
Tot Ion: 42 Resp: 840

Ion Ratio Lower Upper

42 100

74 74.9 55.8 83.8

44 6.3 11.1 16.7#



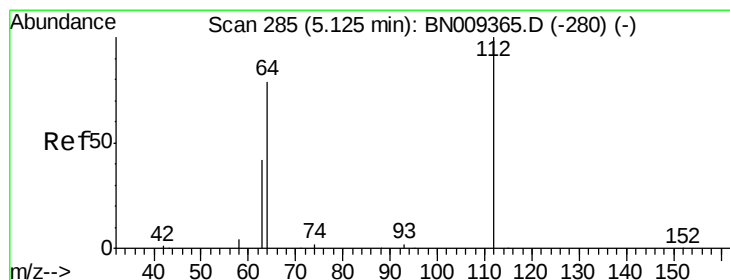
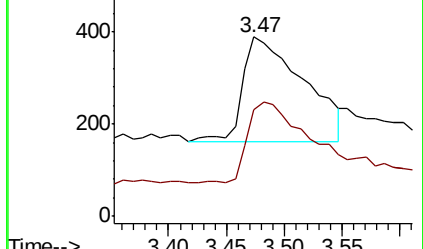
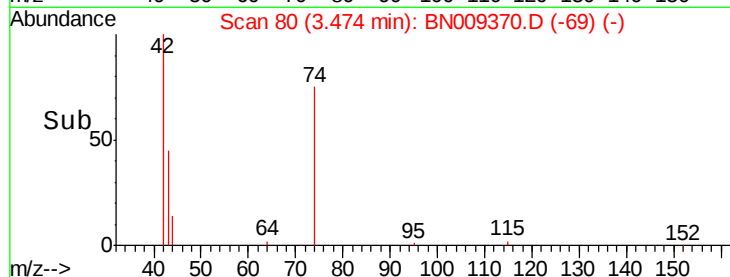
Abundance Ion 42.00 (41.70 to 42.70): BN009365.D (-73) (-)

Ion 74.00 (73.70 to 74.70): BN009365.D (-73) (-)

Ion 44.00 (43.70 to 44.70): BN009365.D (-73) (-)

3.47

Time-->



#4

2-Fluorophenol

Concen: 0.418 ng

RT: 5.12 min Scan# 285

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

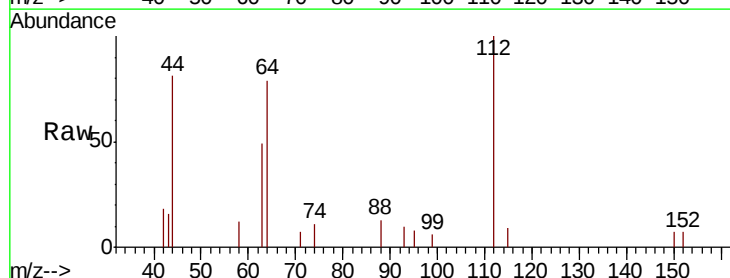
Tgt Ion: 112 Resp: 1486

Ion Ratio Lower Upper

112 100

64 77.3 61.5 92.3

63 41.5 35.0 52.4



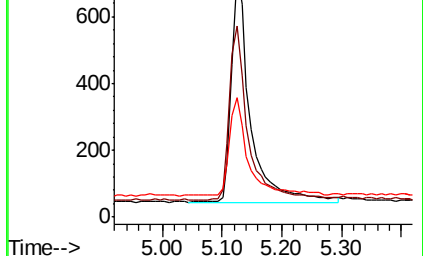
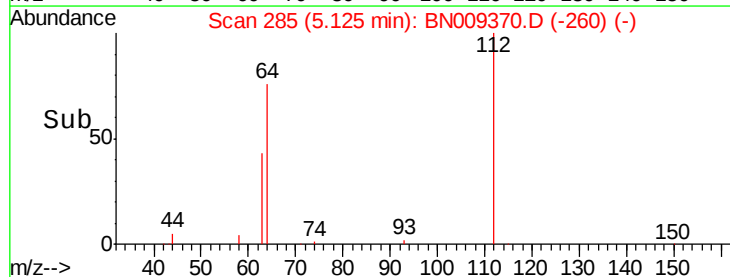
Abundance Ion 112.00 (111.70 to 112.70): BN009365.D (-280) (-)

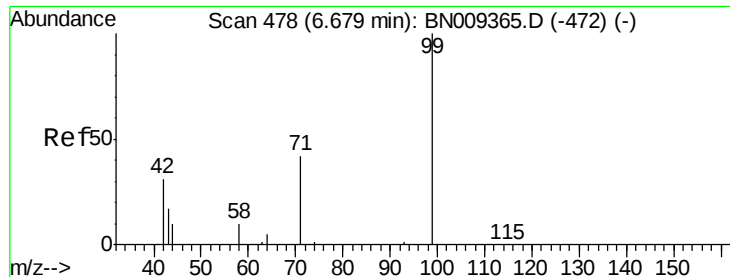
Ion 64.00 (63.70 to 64.70): BN009365.D (-280) (-)

Ion 63.00 (62.70 to 63.70): BN009365.D (-280) (-)

5.12

Time-->





#5

Phenol-d6

Concen: 0.410 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

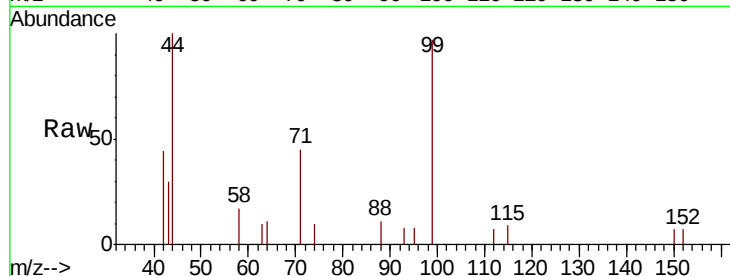
Tot Ion: 99 Resp: 1688

Ion Ratio Lower Upper

99 100

42 30.8 27.6 41.4

71 40.2 33.0 49.6



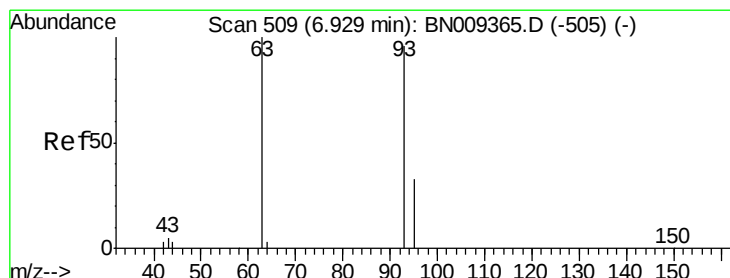
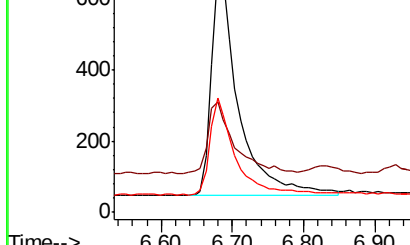
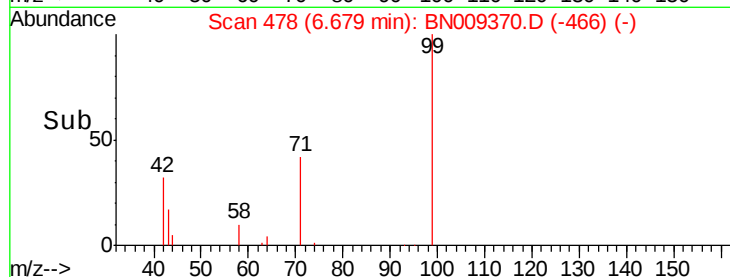
Abundance Ion 99.00 (98.70 to 99.70): BN009370.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN009370.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN009370.D (-466) (-)

6.68

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.393 ng

RT: 6.93 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

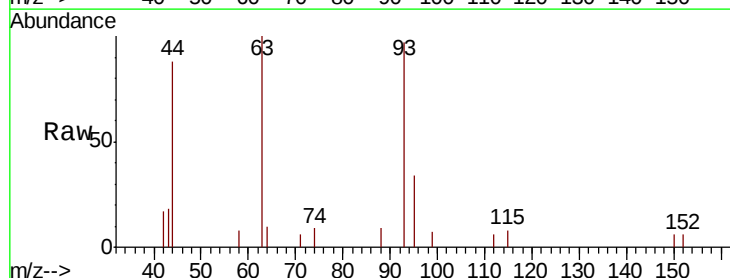
Tgt Ion: 93 Resp: 1665

Ion Ratio Lower Upper

93 100

63 98.9 85.1 127.7

95 32.1 30.2 45.4



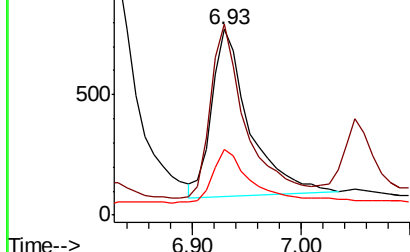
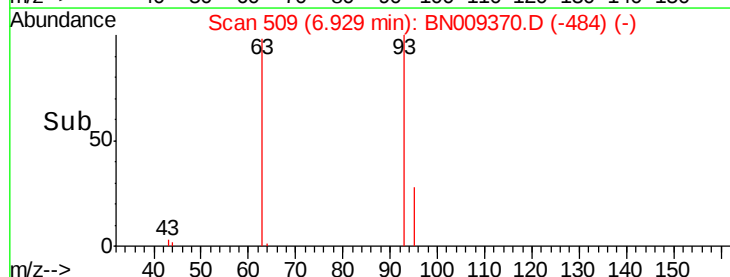
Abundance Ion 93.00 (92.70 to 93.70): BN009370.D (-484) (-)

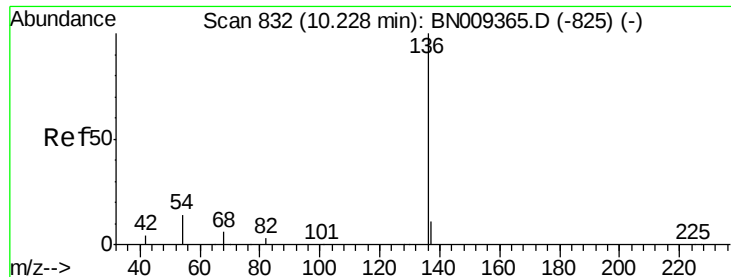
Ion 63.00 (62.70 to 63.70): BN009370.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN009370.D (-484) (-)

6.93

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

Tot Ion:136 Resp: 5410

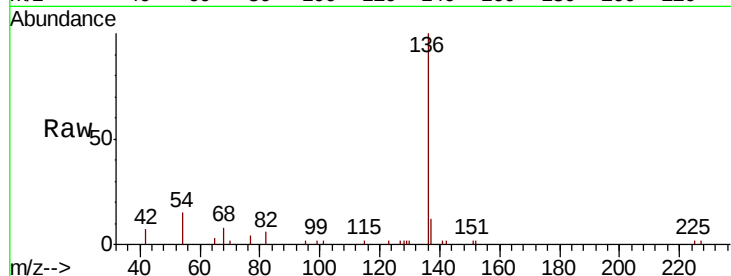
Ion Ratio Lower Upper

136 100

137 12.4 10.3 15.5

54 15.2 12.6 19.0

68 8.0 6.5 9.7

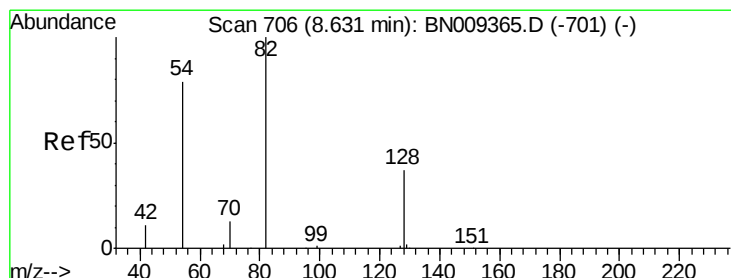
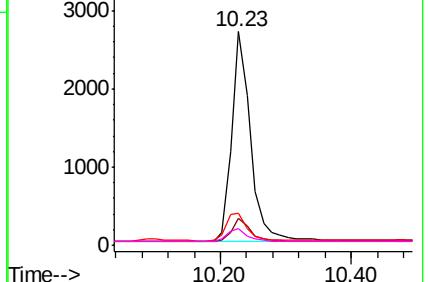
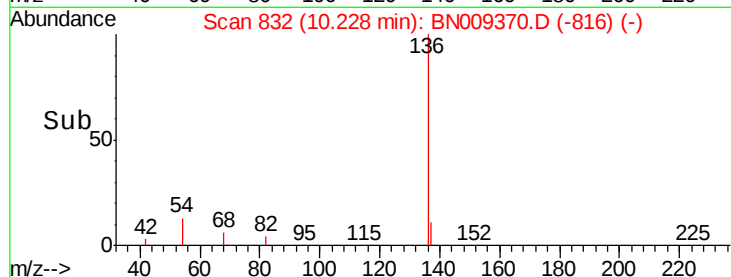


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.63 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

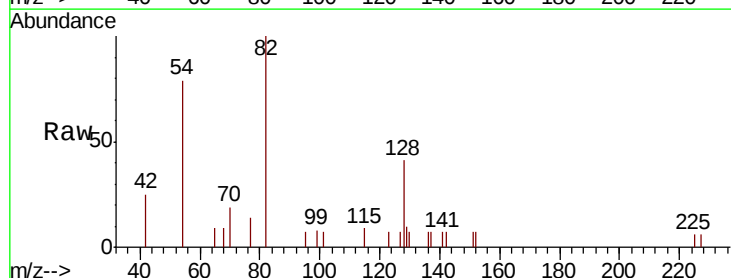
Tgt Ion: 82 Resp: 1702

Ion Ratio Lower Upper

82 100

128 40.9 34.8 52.2

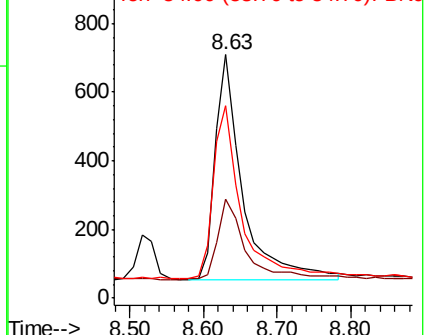
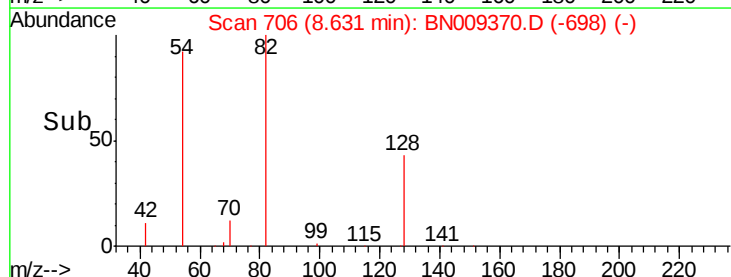
54 79.3 65.8 98.6

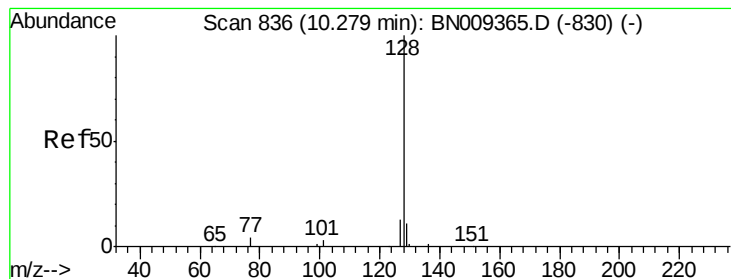


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.408 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN009370.D

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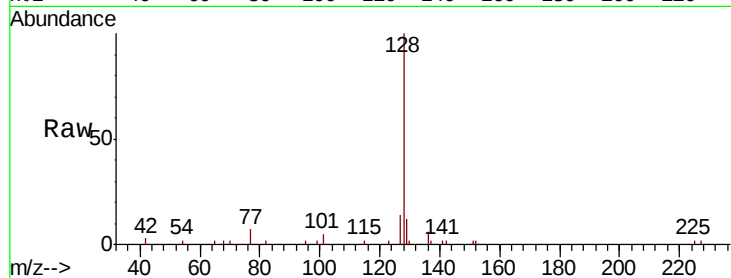
Tot Ion:128 Resp: 5974

Ion Ratio Lower Upper

128 100

129 12.3 10.4 15.6

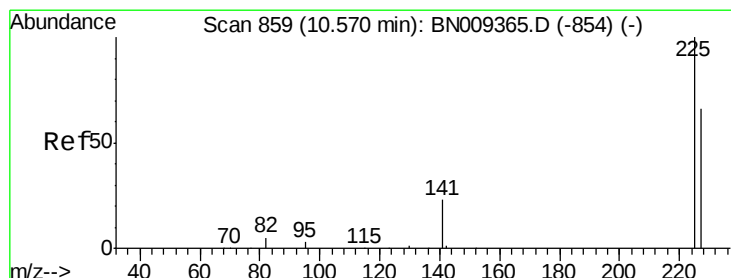
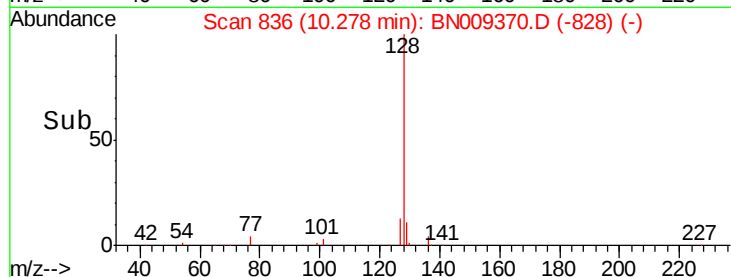
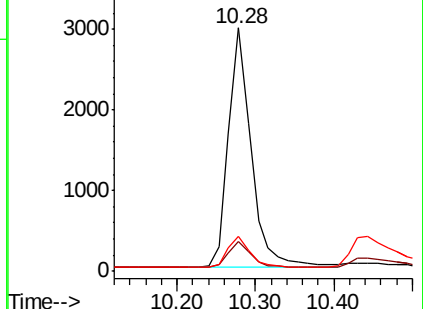
127 14.3 11.4 17.2



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

Hexachlorobutadiene

Concen: 0.406 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

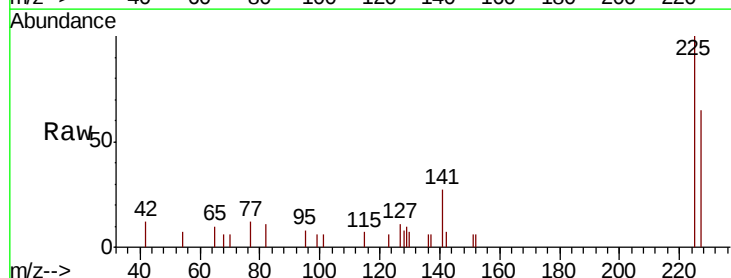
Tgt Ion:225 Resp: 1302

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

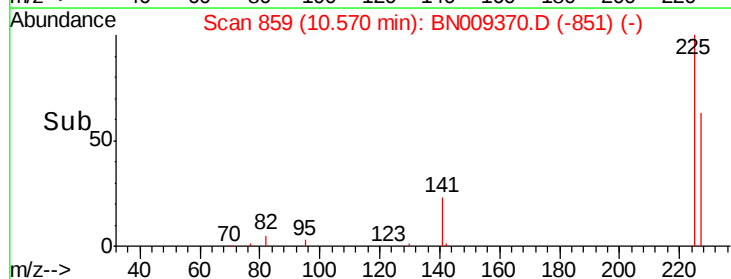
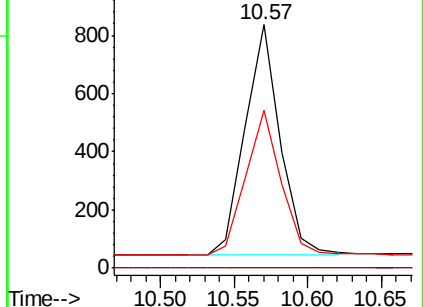
227 63.6 52.6 78.8

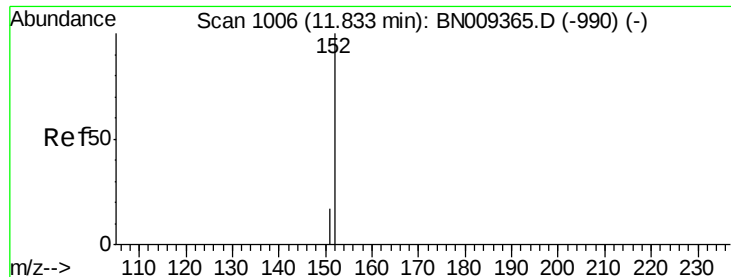


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

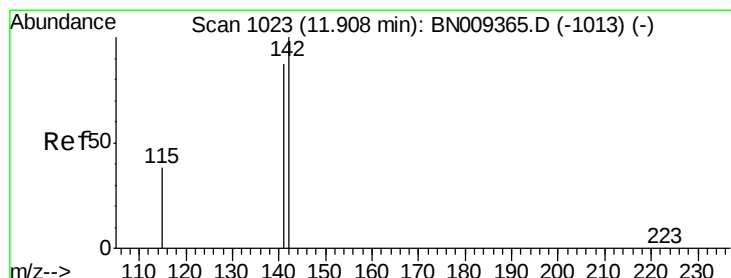
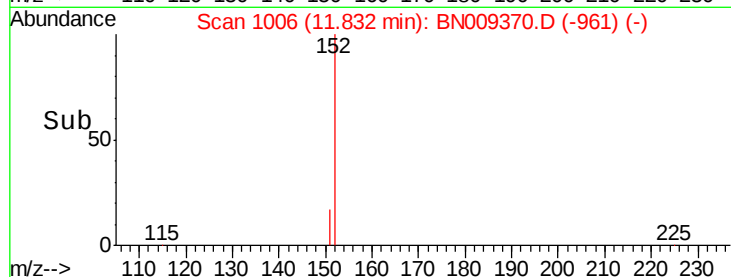
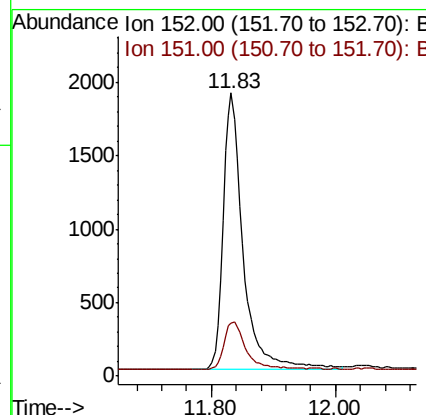
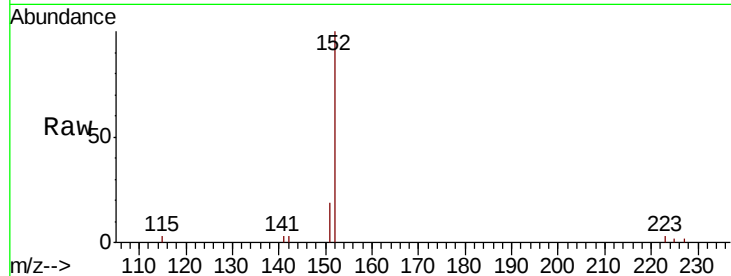




#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

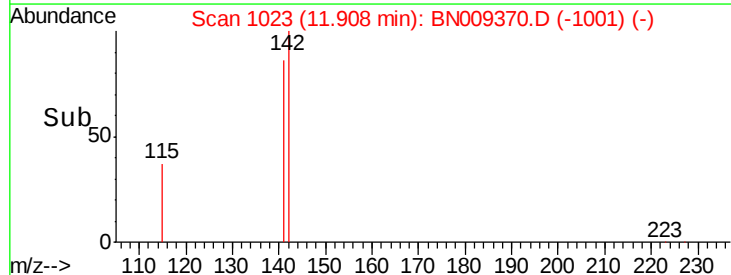
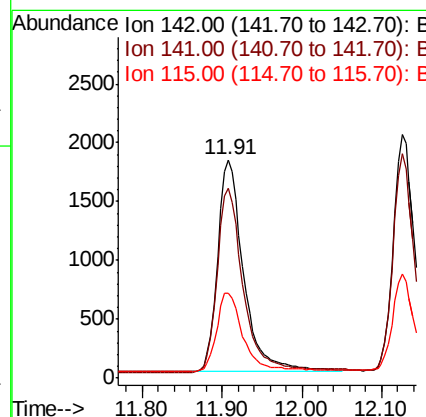
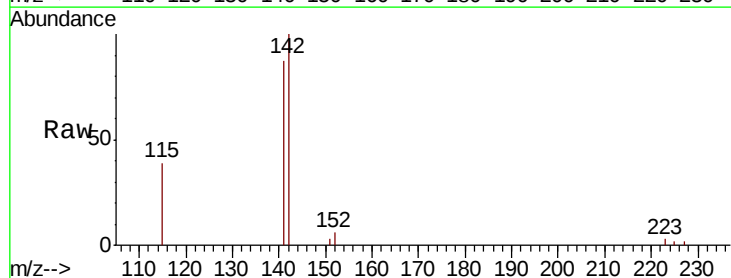
Instrument :
BNA_N
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ICVBN011420

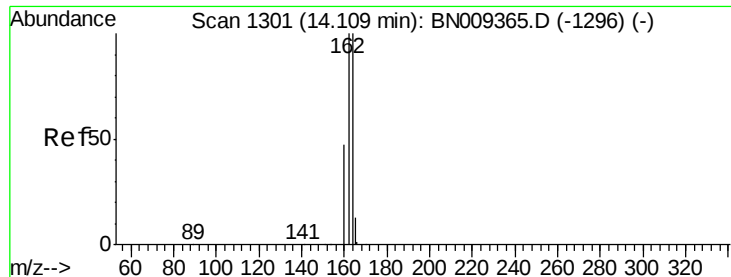
Tot Ion:152 Resp: 4169
Ion Ratio Lower Upper
152 100
151 19.0 14.8 22.2



#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 11.91 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:142 Resp: 4088
Ion Ratio Lower Upper
142 100
141 86.6 69.8 104.6
115 39.0 32.5 48.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

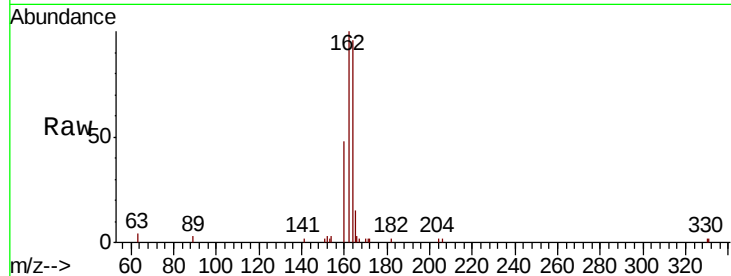
Tot Ion:164 Resp: 3319

Ion Ratio Lower Upper

164 100

162 103.7 79.8 119.6

160 49.5 38.4 57.6

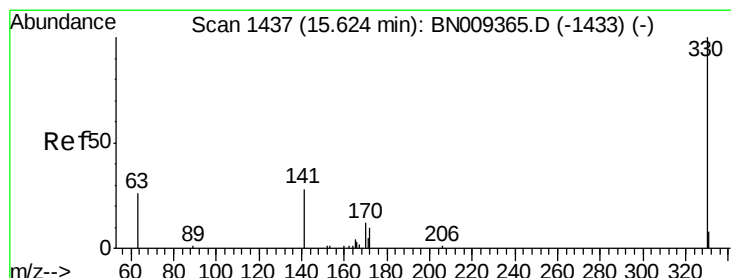
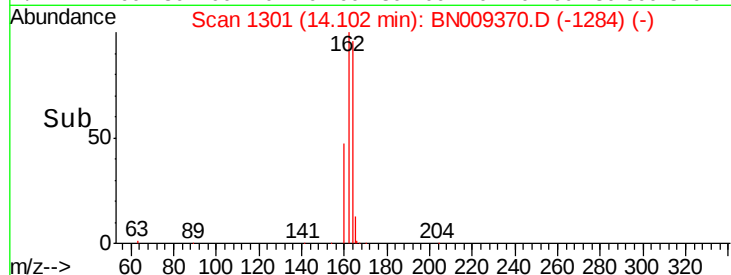
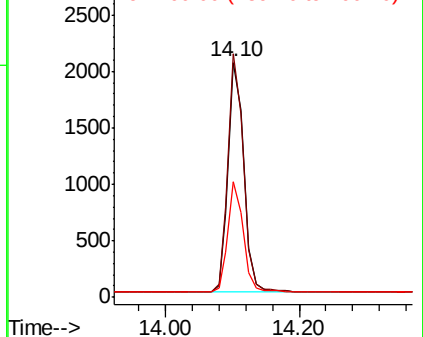


Abundance

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: 0.372 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

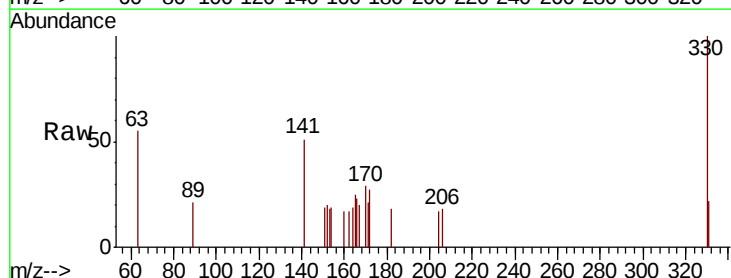
Tgt Ion:330 Resp: 467

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 42.6 33.1 49.7

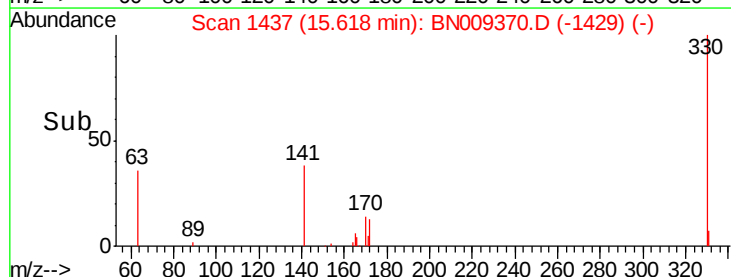
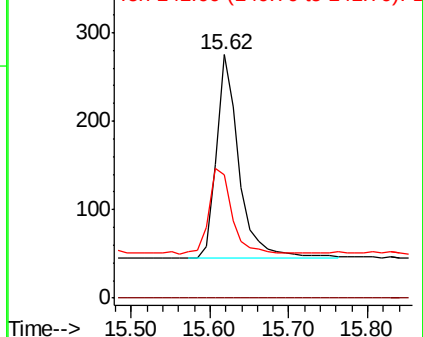


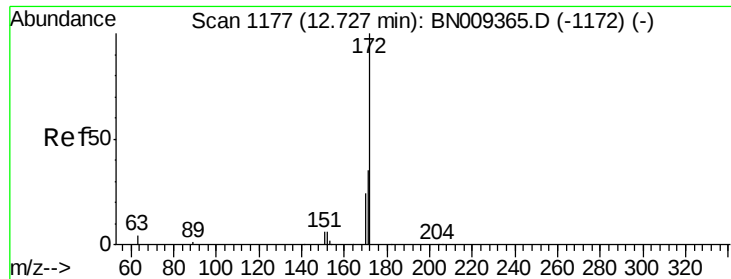
Abundance

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

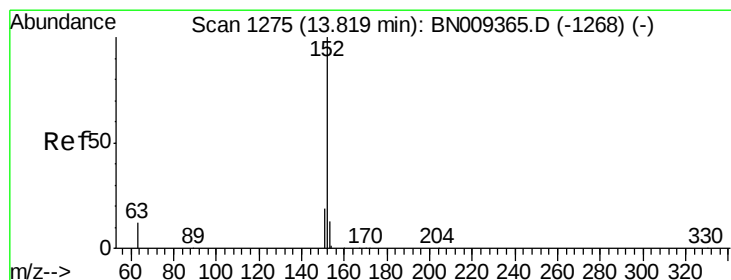
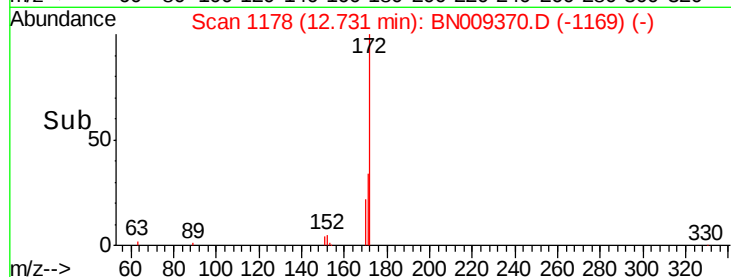
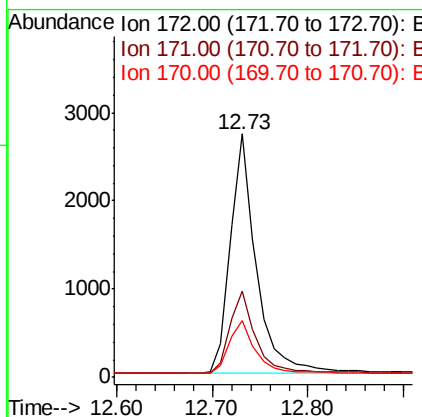
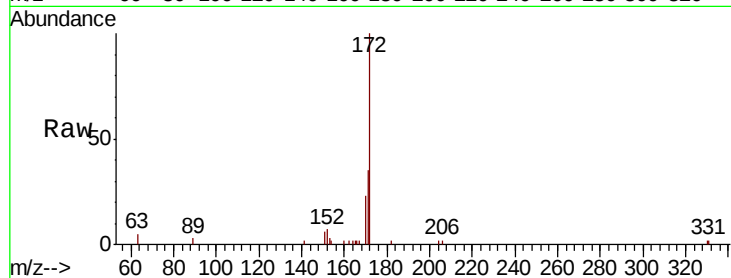




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

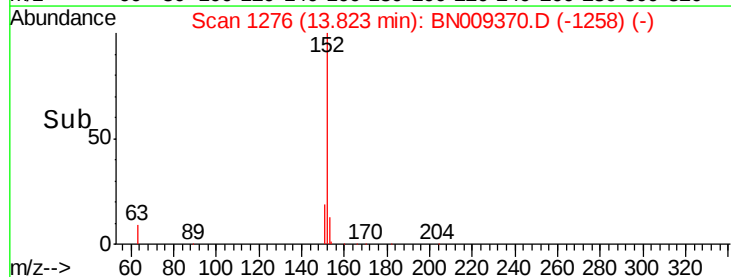
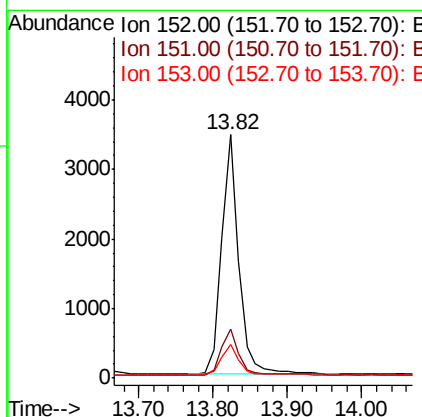
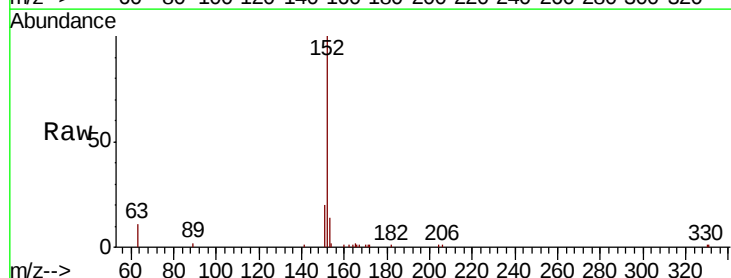
Instrument :
BNA_N
ClientSampleId :
ICVBN011420

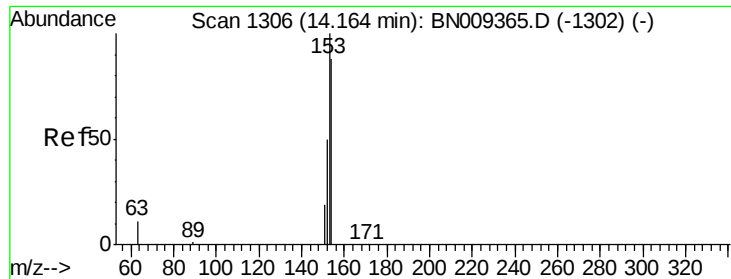
Tot Ion:172 Resp: 5130
Ion Ratio Lower Upper
172 100
171 35.4 29.5 44.3
170 23.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:152 Resp: 5576
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

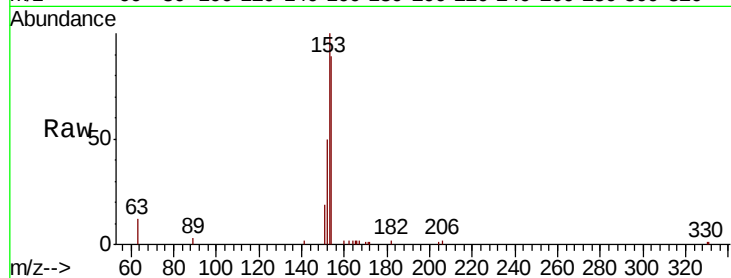
Tot Ion:154 Resp: 4094

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

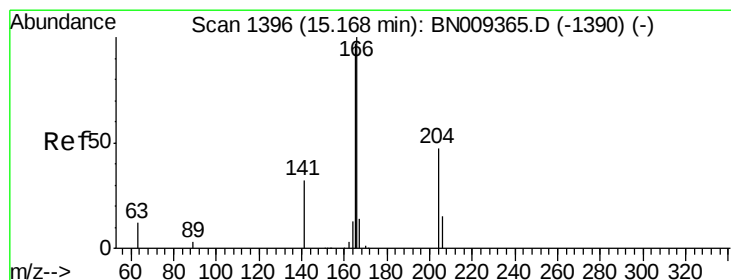
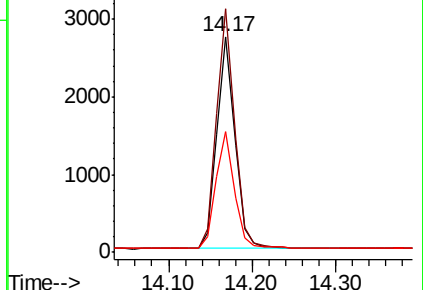
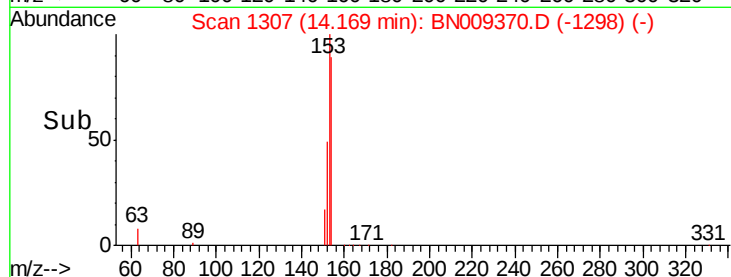
152 56.4 45.3 67.9



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: 0.400 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

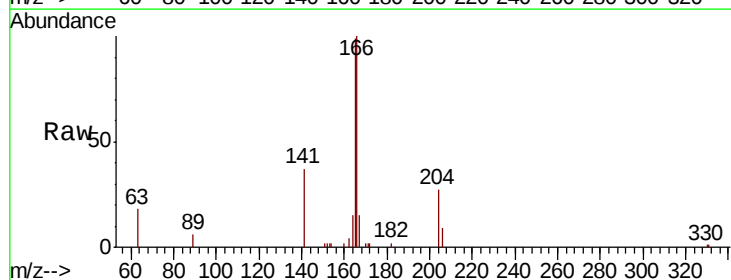
Tgt Ion:166 Resp: 5252

Ion Ratio Lower Upper

166 100

165 97.4 78.2 117.2

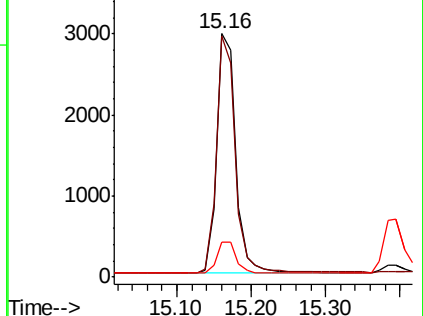
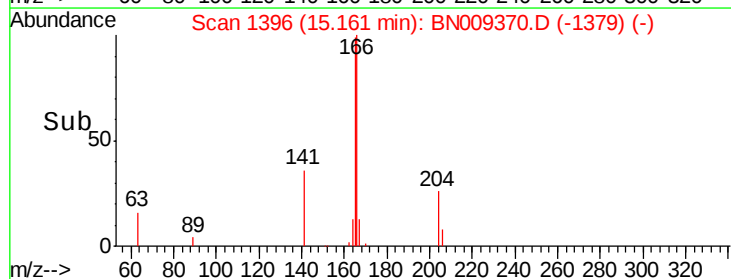
167 13.7 11.0 16.6

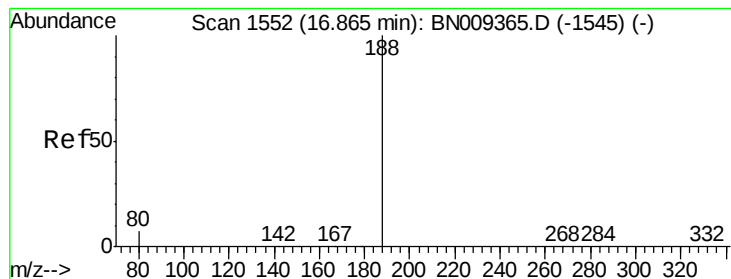


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

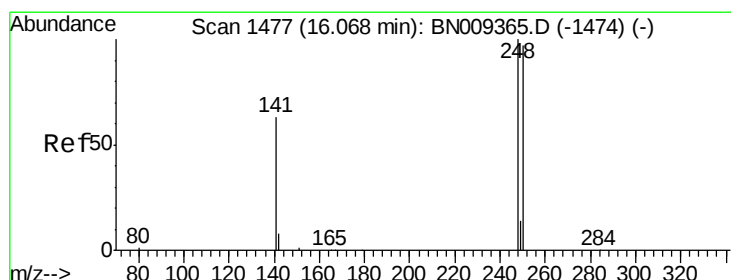
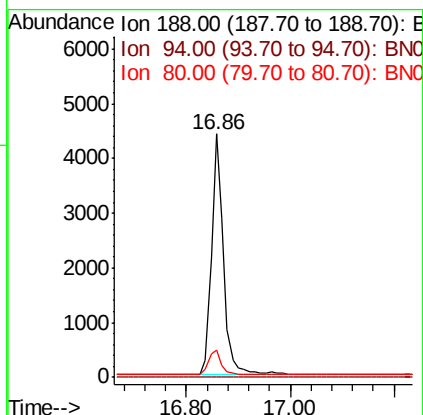
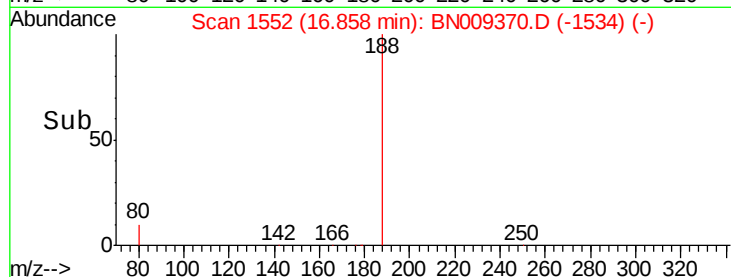
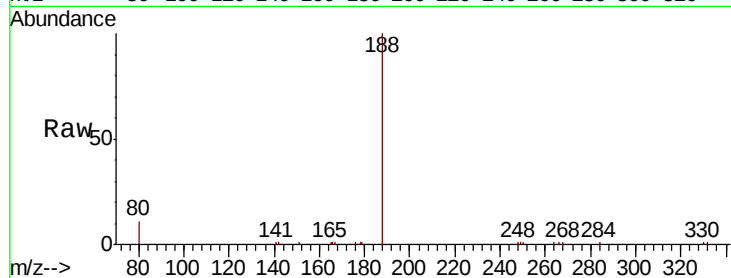
Tot Ion:188 Resp: 7310

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 6.6 10.0#



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

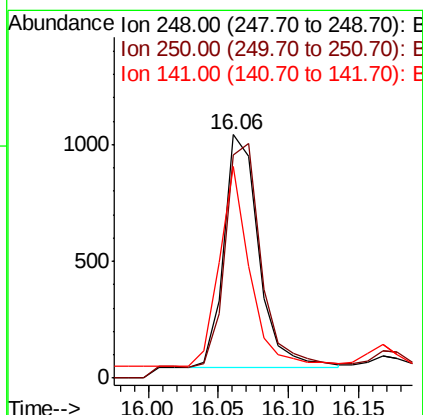
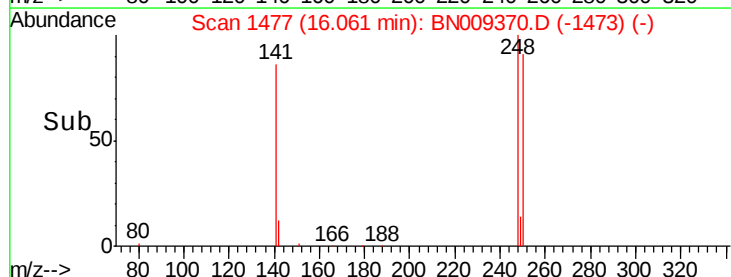
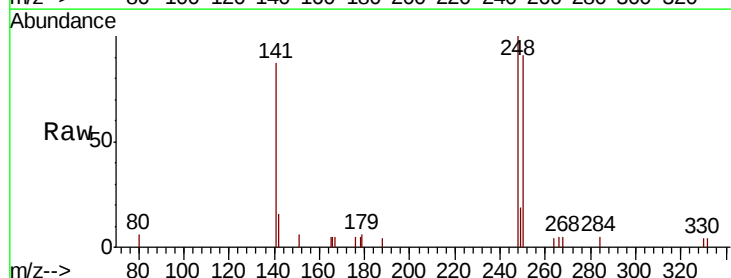
Tgt Ion:248 Resp: 1734

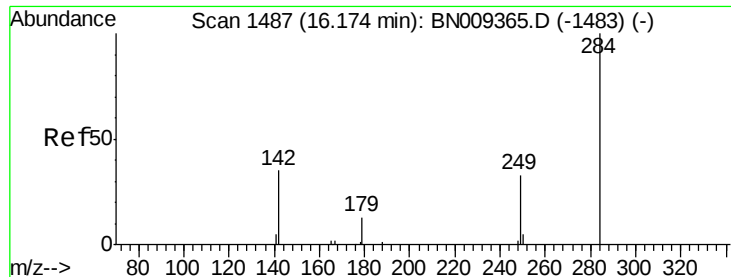
Ion Ratio Lower Upper

248 100

250 91.5 77.8 116.8

141 86.7 53.4 80.0#





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

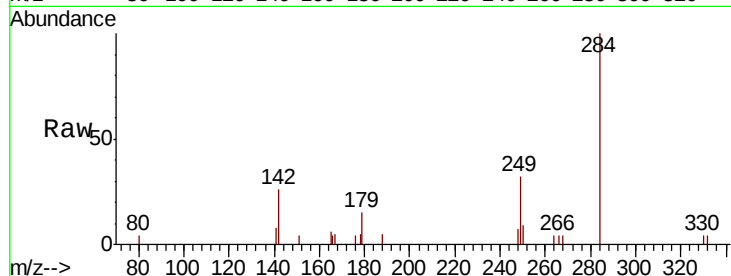
Tot Ion:284 Resp: 1905

Ion Ratio Lower Upper

284 100

142 40.6 33.8 50.8

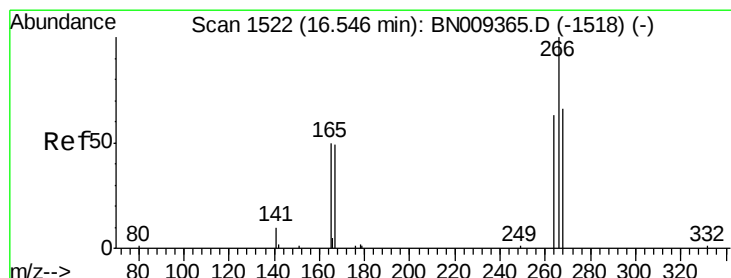
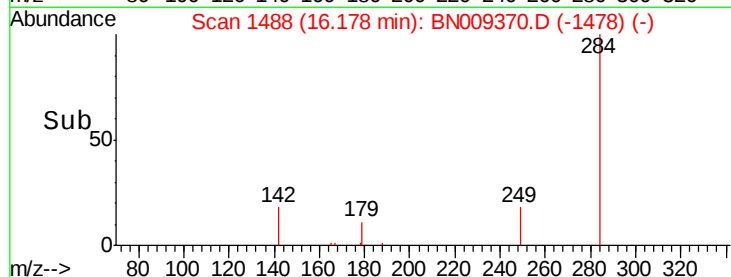
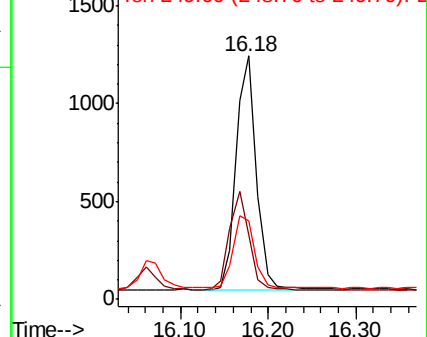
249 32.7 27.0 40.4



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: 0.423 ng

RT: 16.55 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

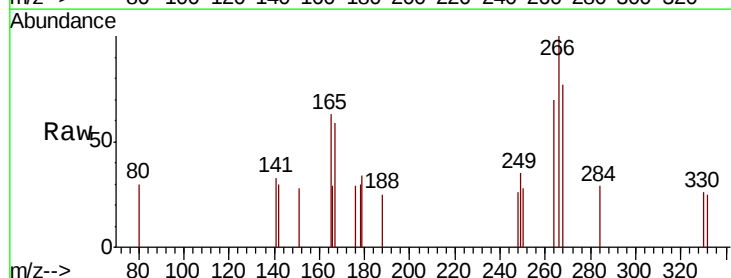
Tgt Ion:266 Resp: 457

Ion Ratio Lower Upper

266 100

264 70.4 57.8 86.6

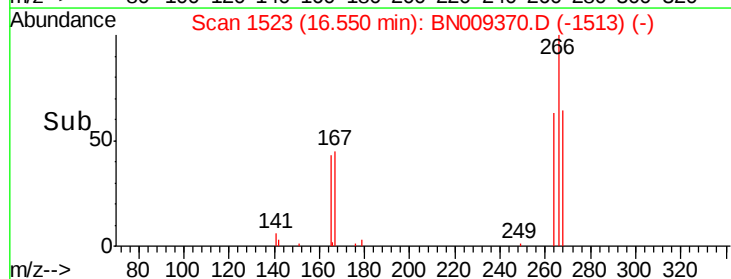
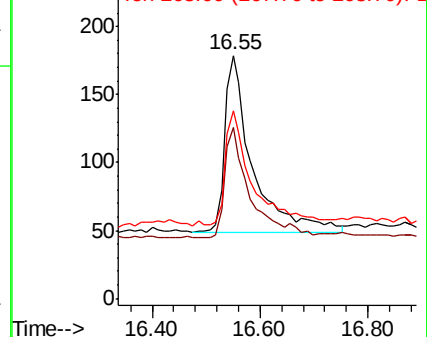
268 77.1 63.8 95.6



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: 0.397 ng

RT: 16.90 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

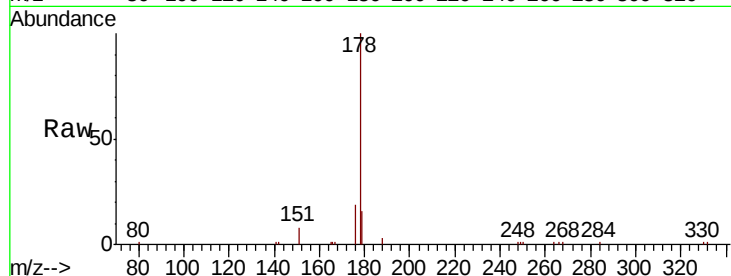
Tot Ion:178 Resp: 8721

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

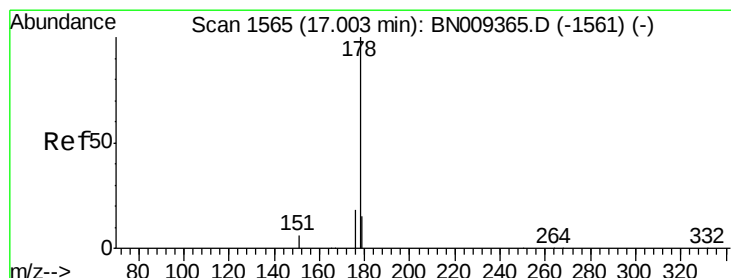
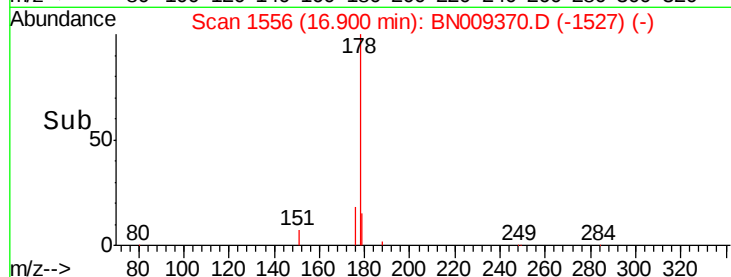
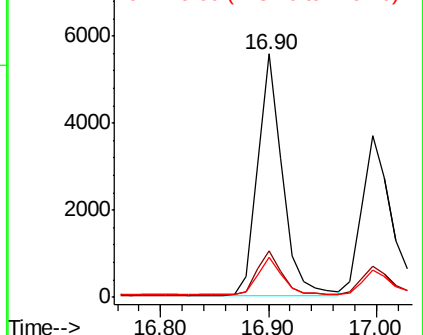
179 15.3 12.3 18.5



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: 0.382 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

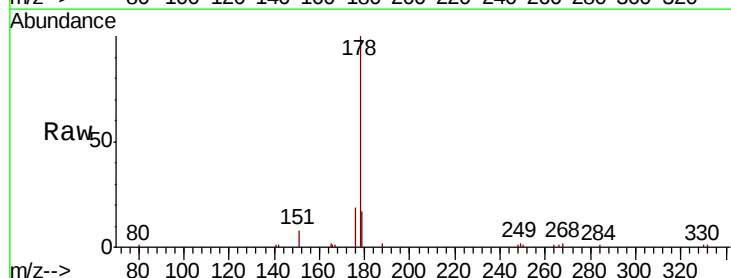
Tgt Ion:178 Resp: 7043

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

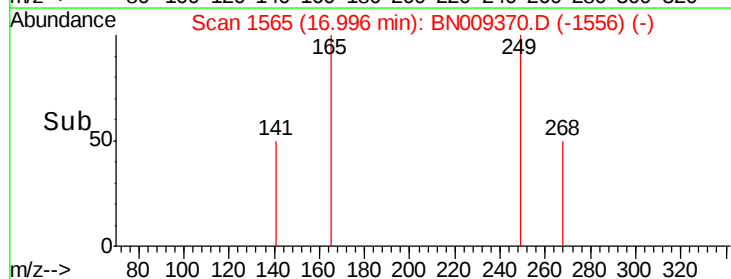
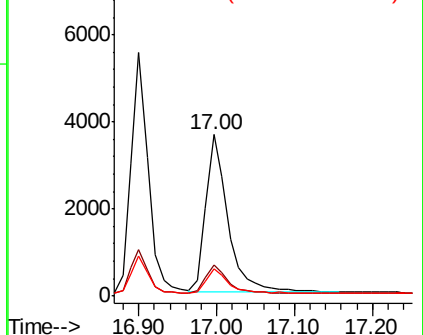
179 15.2 12.5 18.7

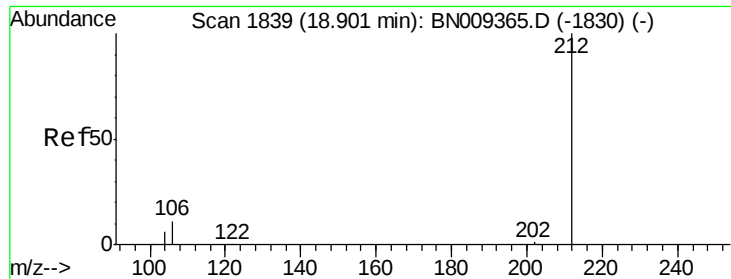


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 18.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

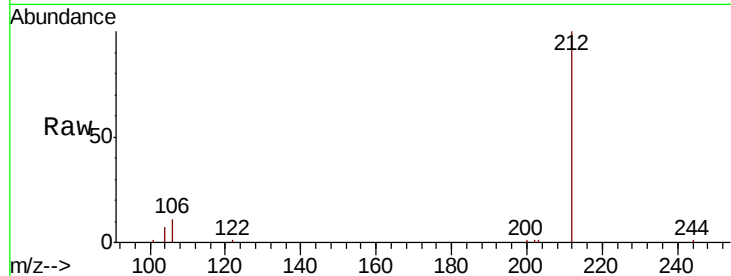
Tot Ion:212 Resp: 9626

Ion Ratio Lower Upper

212 100

106 11.5 9.2 13.8

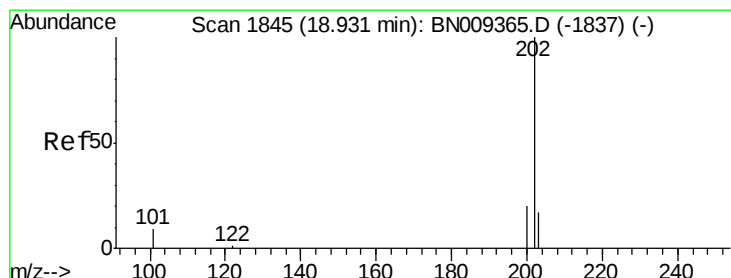
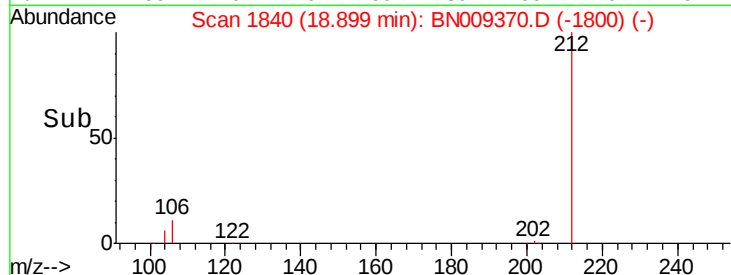
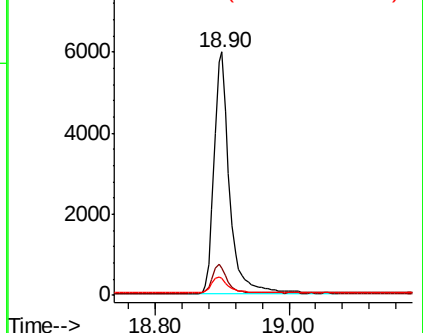
104 6.7 5.4 8.0



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: 0.383 ng

RT: 18.93 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

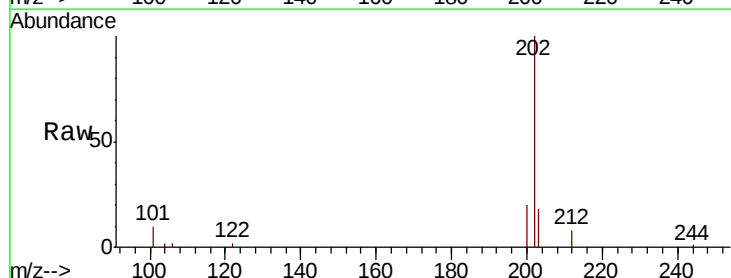
Tgt Ion:202 Resp: 9869

Ion Ratio Lower Upper

202 100

101 10.1 8.0 12.0

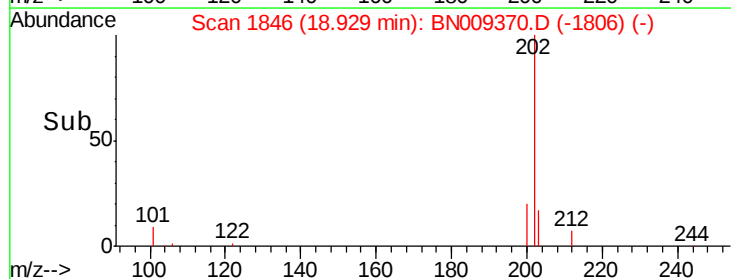
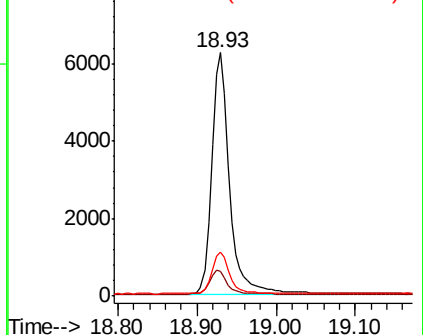
203 17.0 13.5 20.3

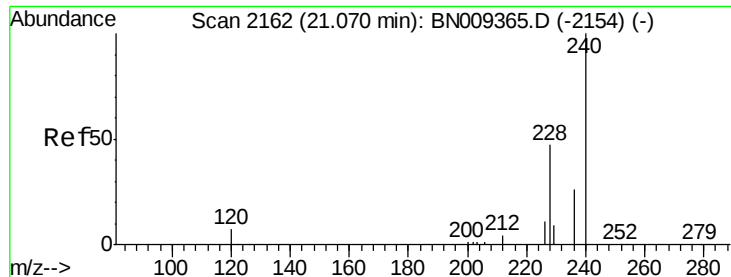


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

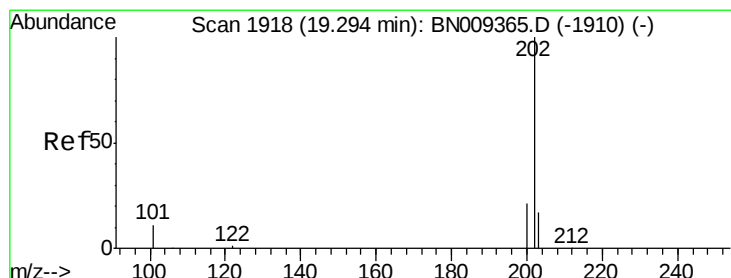
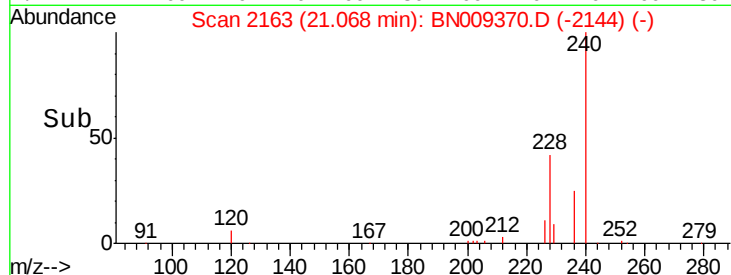
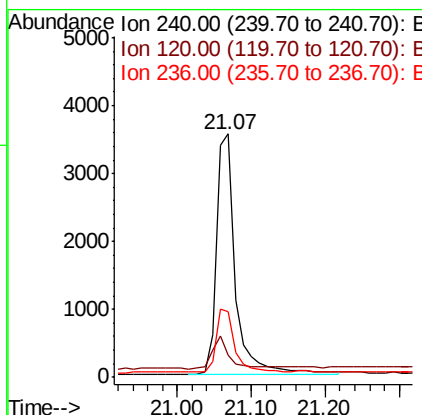
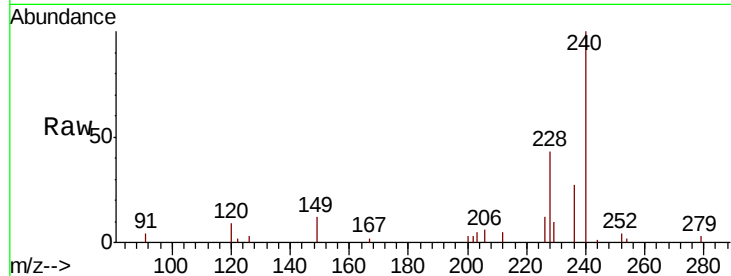




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

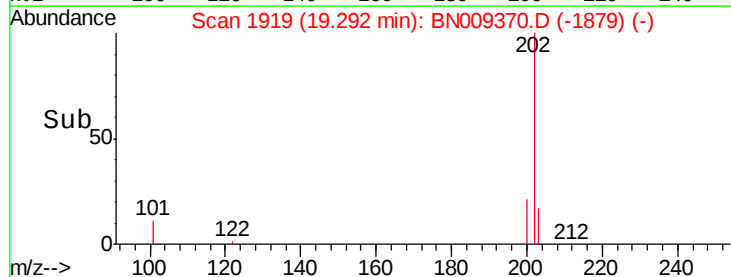
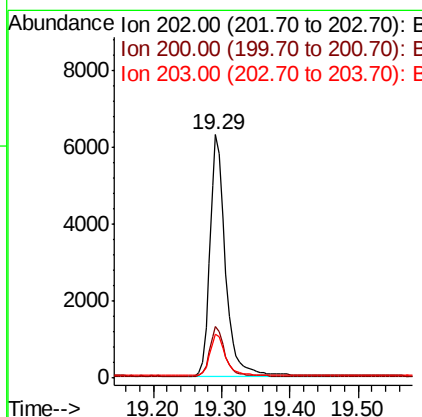
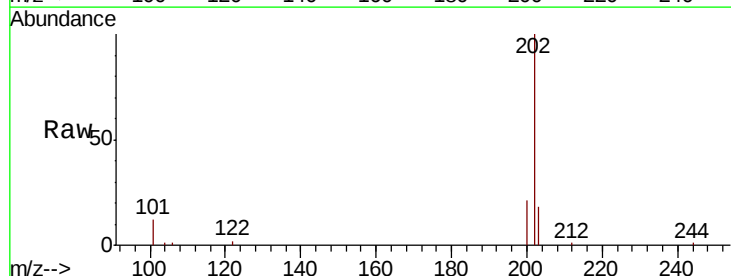
Instrument :
BNA_N
ClientSampleId :
ICVBN011420

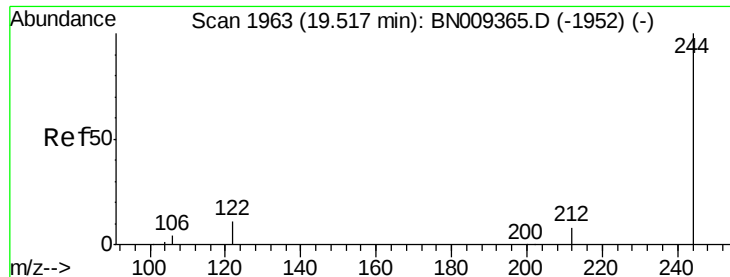
Tot Ion:240 Resp: 6351
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 27.0 22.2 33.4



#28
Pyrene
Concen: 0.414 ng
RT: 19.29 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:202 Resp: 9975
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

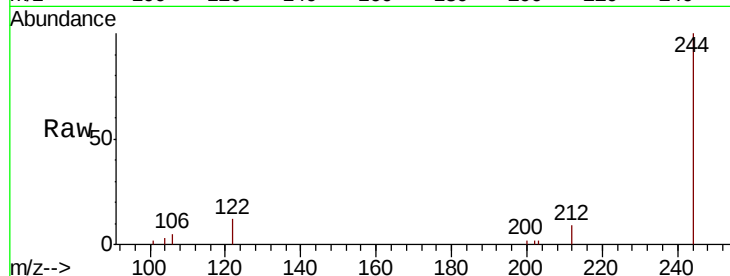
Tot Ion:244 Resp: 6094

Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

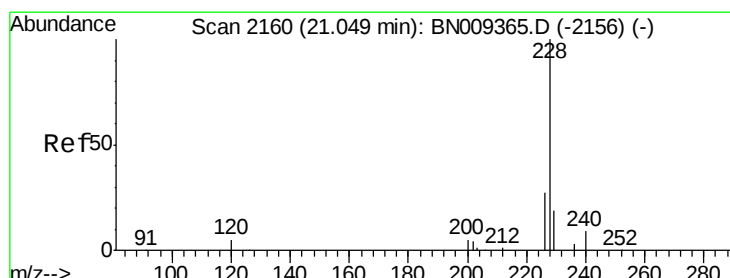
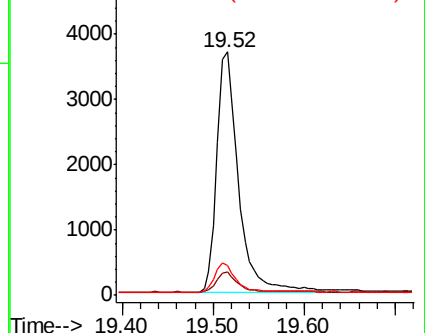
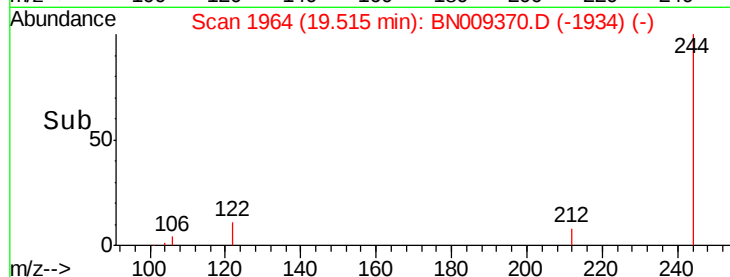
122 12.4 9.8 14.6



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: 0.400 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

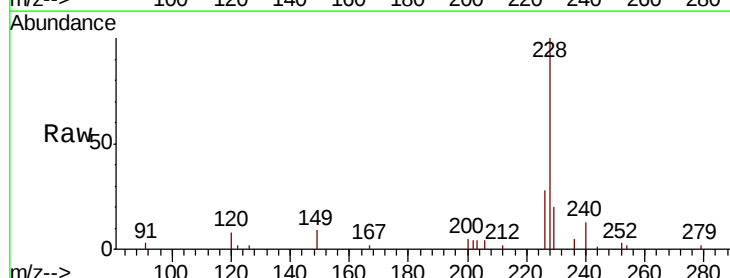
Tgt Ion:228 Resp: 8343

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

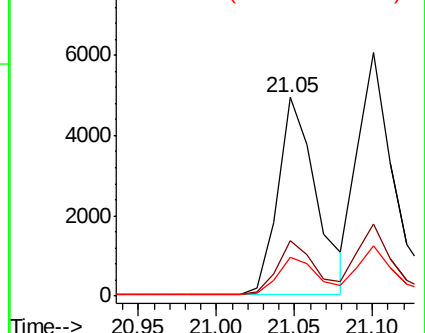
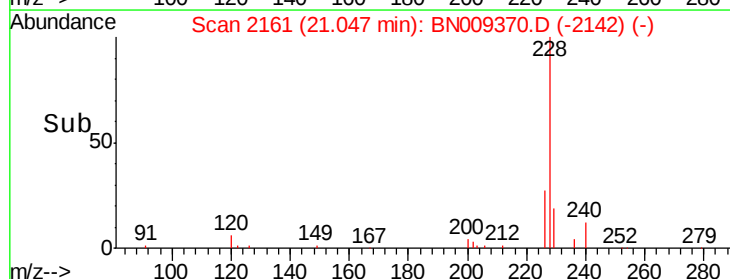
229 19.5 16.1 24.1

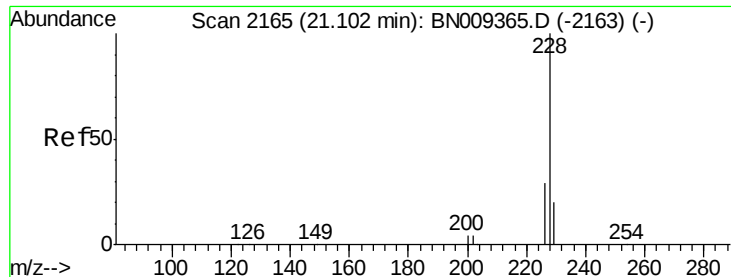


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

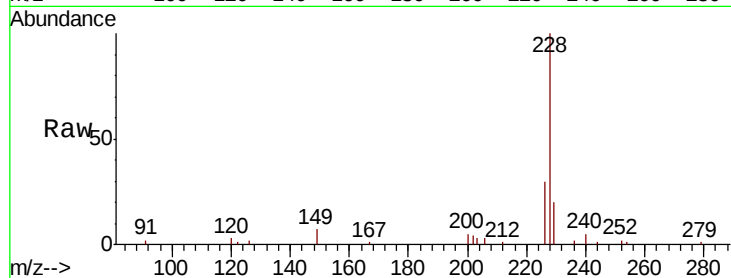
Tot Ion:228 Resp: 9415

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

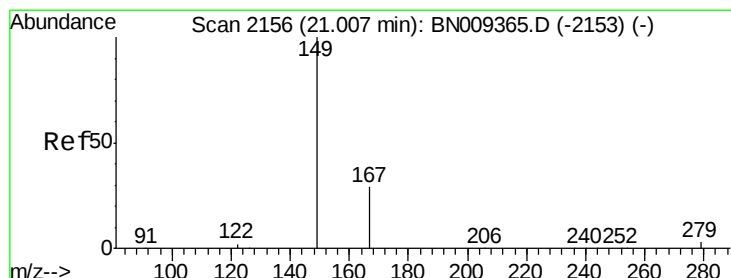
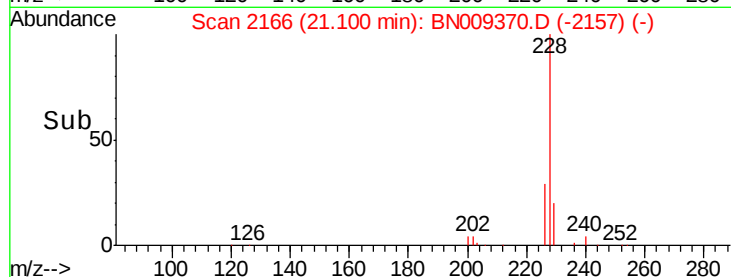
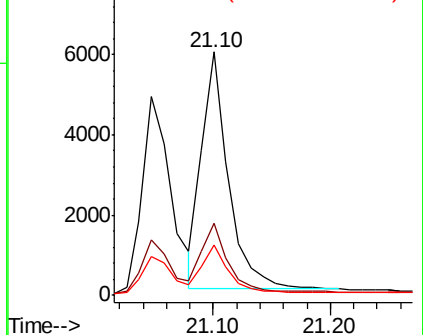
229 20.5 16.6 24.8



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: 0.384 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

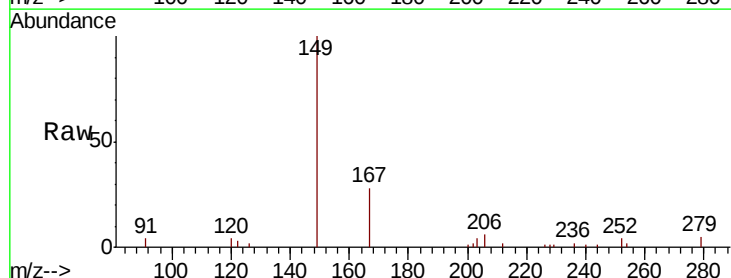
Tgt Ion:149 Resp: 3543

Ion Ratio Lower Upper

149 100

167 27.7 22.9 34.3

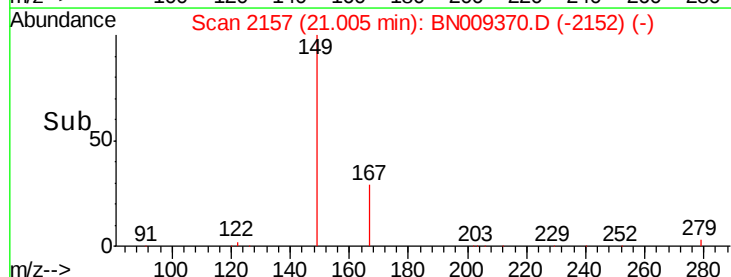
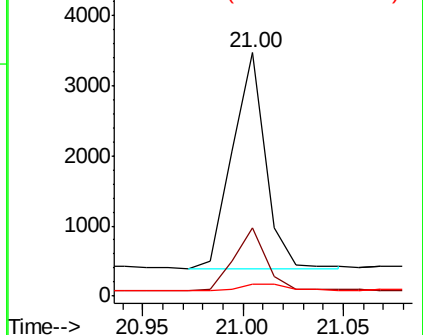
279 4.3 3.4 5.0

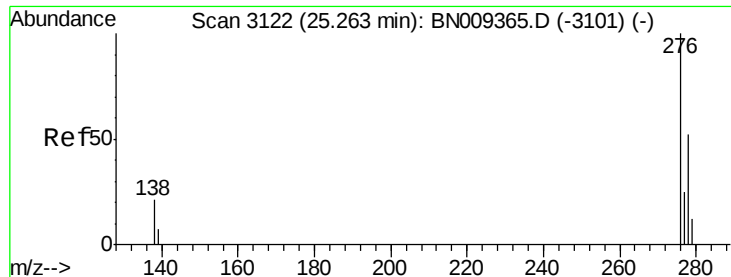


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.411 ng

RT: 25.26 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

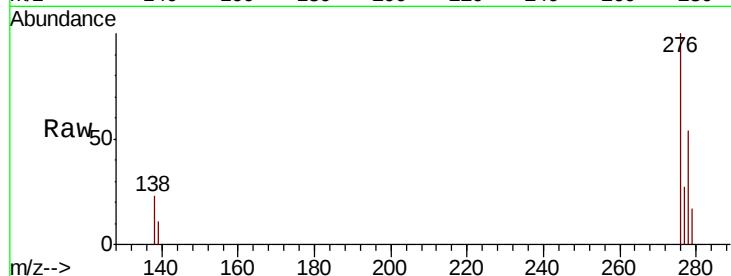
Tot Ion:276 Resp: 10220

Ion Ratio Lower Upper

276 100

138 20.8 15.9 23.9

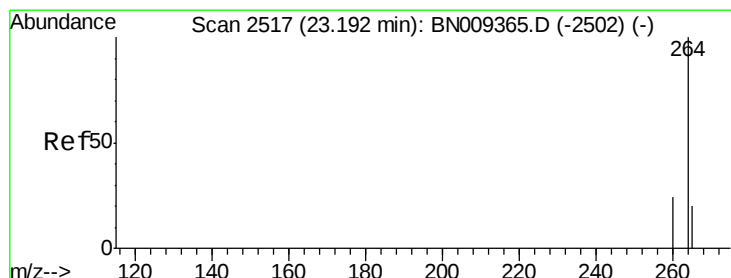
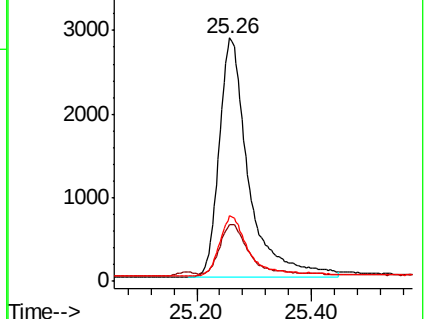
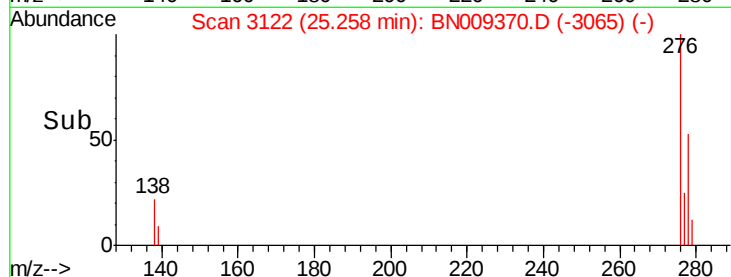
277 24.1 19.8 29.6



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: 23.19 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

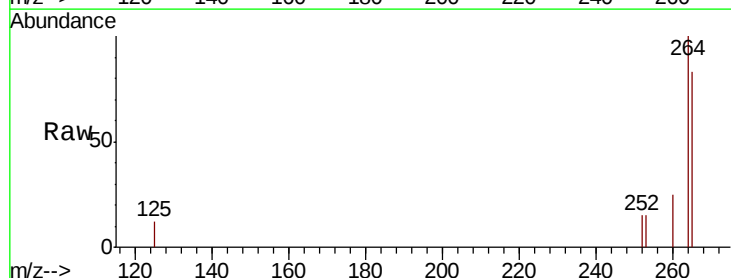
Tgt Ion:264 Resp: 6404

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

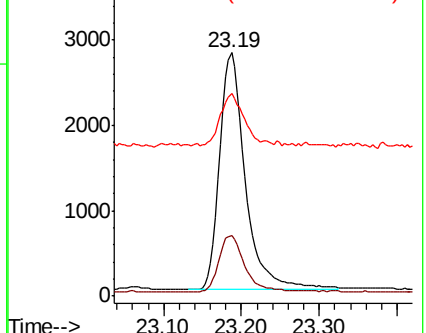
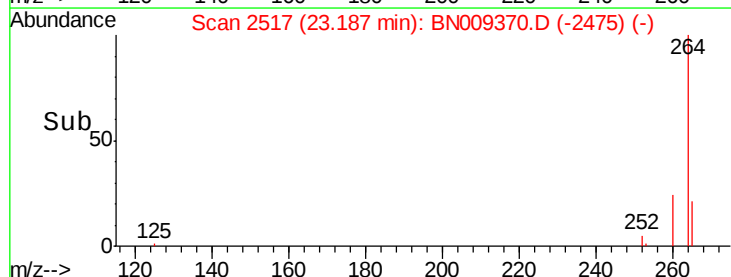
265 83.3 68.2 102.4

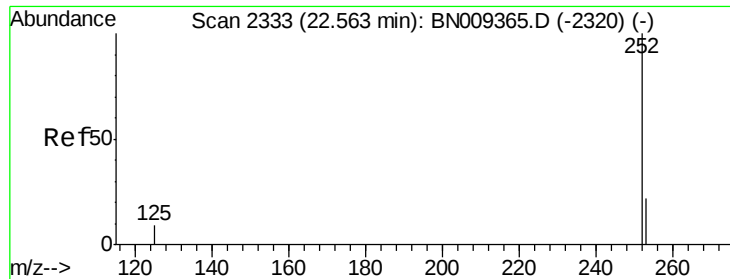


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.390 ng

RT: 22.56 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

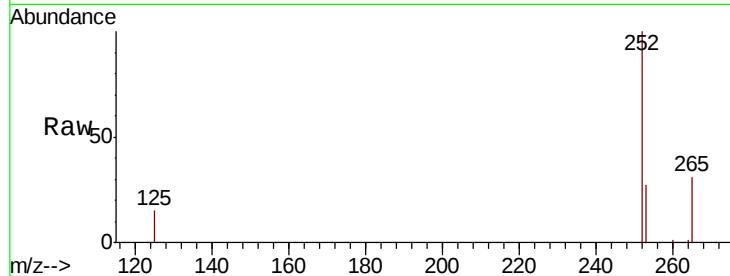
Tot Ion:252 Resp: 9190

Ion Ratio Lower Upper

252 100

253 27.0 22.4 33.6

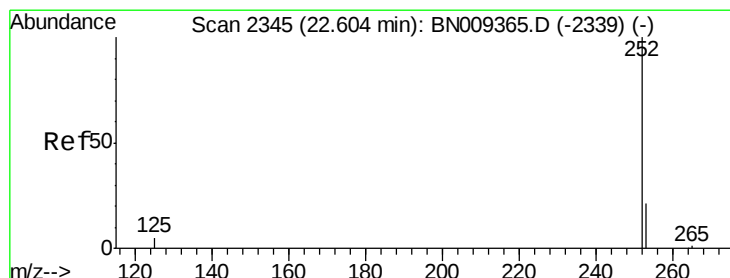
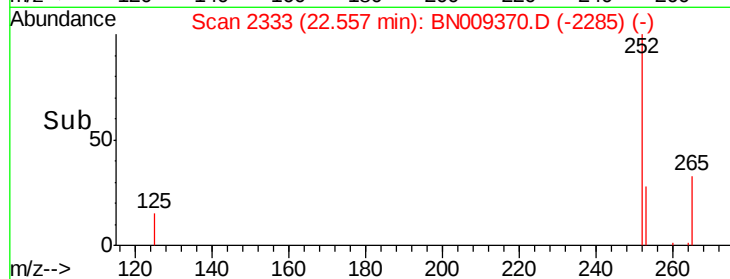
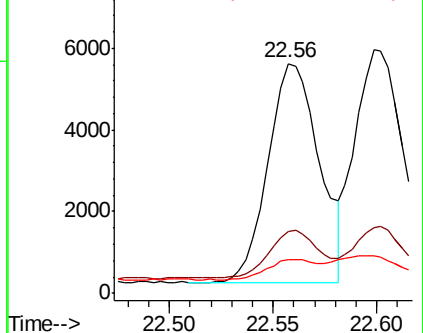
125 14.5 11.6 17.4



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: 0.394 ng

RT: 22.60 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

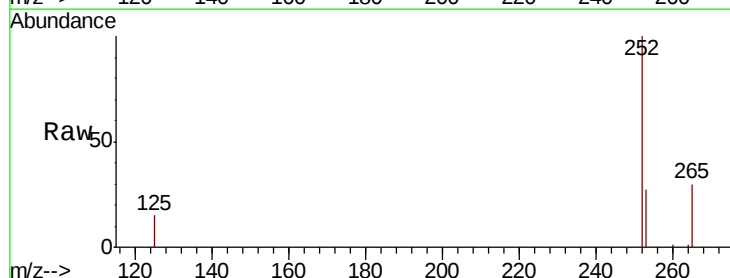
Tgt Ion:252 Resp: 10243

Ion Ratio Lower Upper

252 100

253 27.0 21.9 32.9

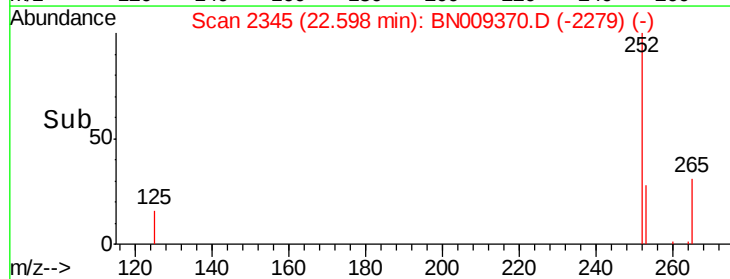
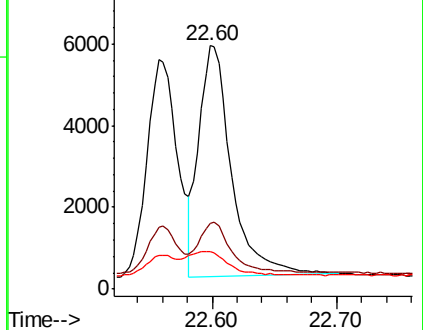
125 15.4 12.0 18.0

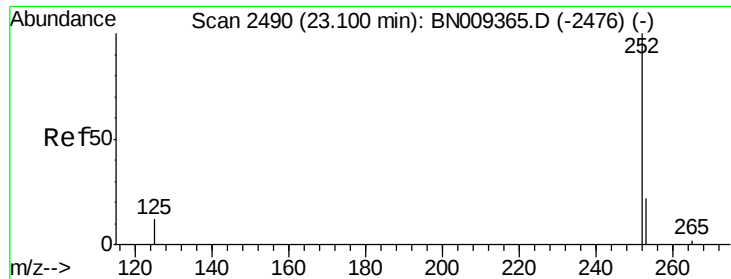


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

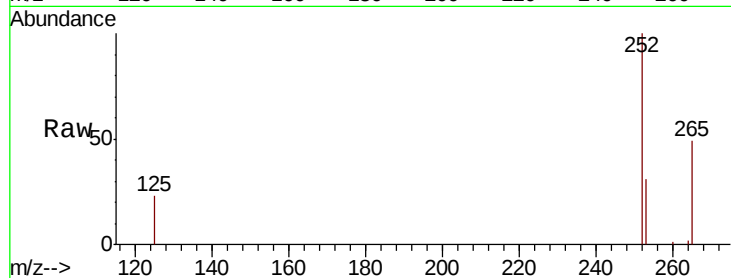
Tot Ion:252 Resp: 8292

Ion Ratio Lower Upper

252 100

253 31.1 25.4 38.0

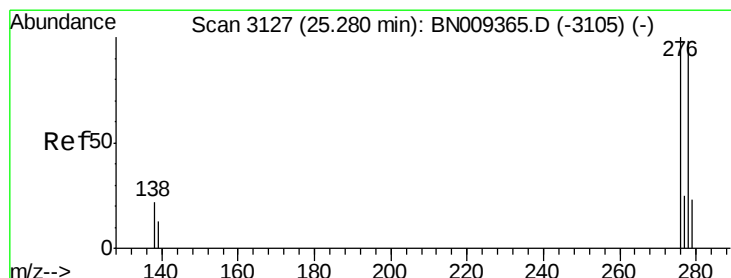
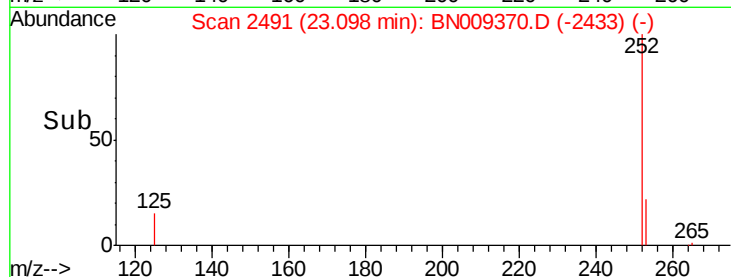
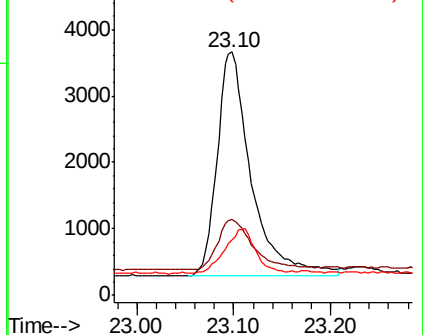
125 22.8 16.2 24.2



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



#38

Dibenzo(a,h)anthracene

Concen: 0.386 ng

RT: 25.27 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

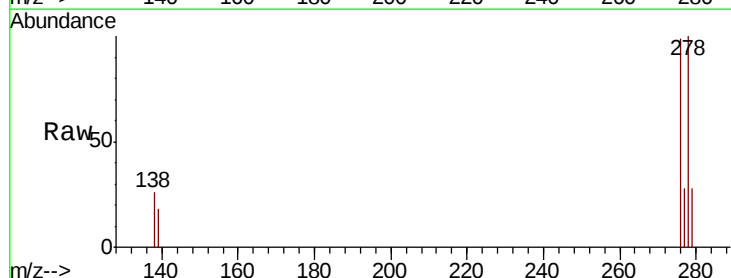
Tgt Ion:278 Resp: 8043

Ion Ratio Lower Upper

278 100

139 18.0 14.5 21.7

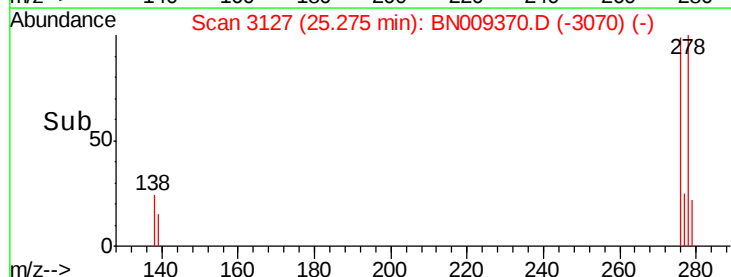
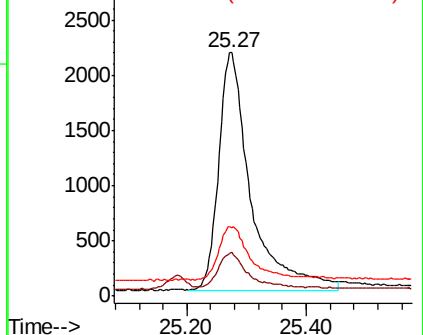
279 28.2 24.2 36.4

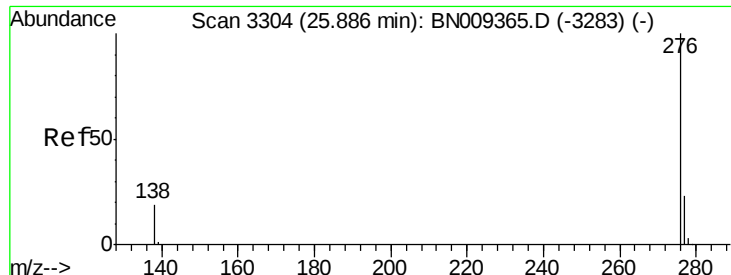


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.385 ng

RT: 25.88 min Scan# 3304

Delta R.T. -0.01 min

Lab File: BN009370.D

Acq: 13 Jan 2020 18:41

Instrument :

BNA_N

ClientSampleId :

ICVBN011420

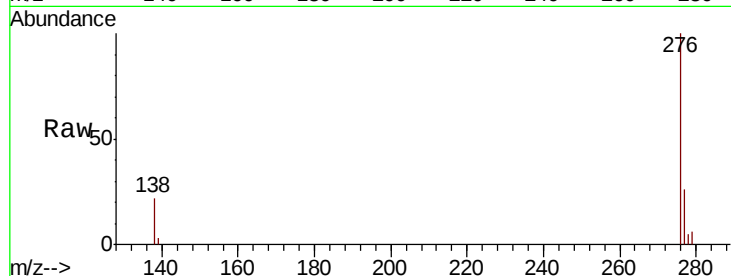
Tot Ion: 276 Resp: 8837

Ion Ratio Lower Upper

276 100

277 25.8 20.6 30.8

138 21.8 17.1 25.7



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

