

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009403.D
 Acq On : 20 Jan 2020 15:13
 Operator : JU
 Sample : K5111-07
 Misc : 0.1 LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 20 17:27:59 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	7.48	152	1182	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	3890	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	2511	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	5710	0.40	ng	0.00
27) Chrysene-d12	21.07	240	4920	0.40	ng	0.00
34) Perylene-d12	23.19	264	4999	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	908	0.33	ng	0.00
5) Phenol-d6	6.69	99	881	0.28	ng	0.02
8) Nitrobenzene-d5	8.66	82	871	0.28	ng	0.02
11) 2-Methylnaphthalene-d10	11.85	152	2051	0.27	ng	0.02
14) 2,4,6-Tribromophenol	15.64	330	263	0.28	ng	0.02
15) 2-Fluorobiphenyl	12.74	172	2920	0.31	ng	0.02
25) Fluoranthene-d10	18.90	212	5069	0.26	ng	0.00
29) Terphenyl-d14	19.52	244	4136	0.35	ng	0.00

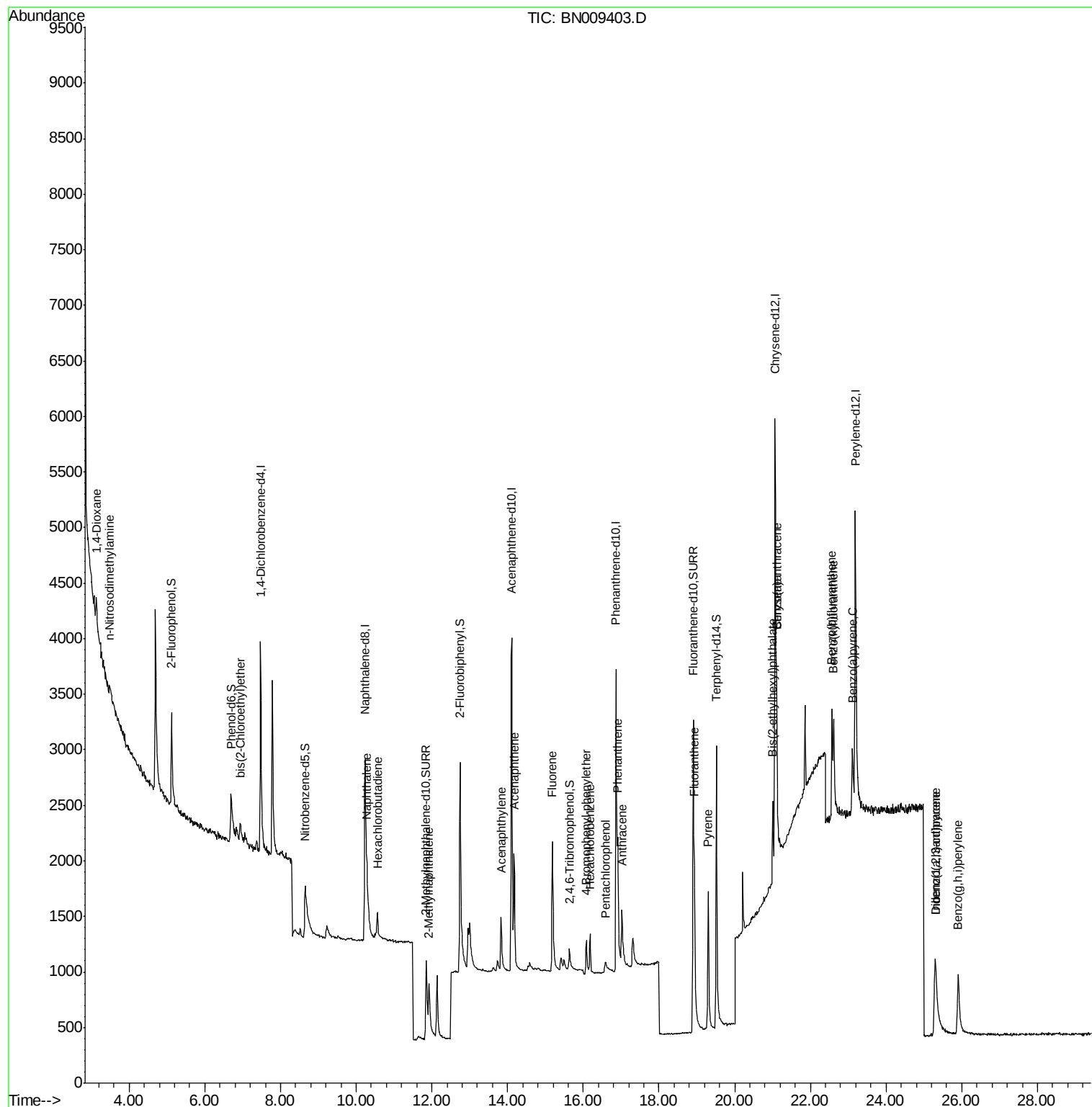
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	119	0.097	ng	# 69
3) n-Nitrosodimethylamine	3.49	42	51	0.027	ng	# 1
6) bis(2-Chloroethyl)ether	6.94	93	230	0.071	ng	# 94
9) Naphthalene	10.29	128	938	0.089	ng	# 72
10) Hexachlorobutadiene	10.57	225	212	0.092	ng	# 94
12) 2-Methylnaphthalene	11.93	142	594	0.081	ng	# 92
16) Acenaphthylene	13.83	152	860	0.079	ng	98
17) Acenaphthene	14.17	154	617	0.081	ng	96
18) Fluorene	15.18	166	820	0.083	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	243	0.071	ng	# 87
21) Hexachlorobenzene	16.18	284	281	0.077	ng	95
22) Pentachlorophenol	16.59	266	172	0.167	ng	89
23) Phenanthrene	16.91	178	1361	0.079	ng	99
24) Anthracene	17.02	178	1031	0.072	ng	99
26) Fluoranthene	18.93	202	1659	0.082	ng	97
28) Pyrene	19.30	202	1679	0.090	ng	99
30) Benzo(a)anthracene	21.11	228	1576	0.097	ng	92
31) Chrysene	21.11	228	1592	0.086	ng	95
32) Bis(2-ethylhexyl)phthalate	21.00	149	683	0.096	ng	94
33) Indeno(1,2,3-cd)pyrene	25.30	276	1553	0.081	ng	96
35) Benzo(b)fluoranthene	22.57	252	1323	0.072	ng	# 55
36) Benzo(k)fluoranthene	22.62	252	1516	0.075	ng	# 53
37) Benzo(a)pyrene	23.11	252	1366	0.084	ng	# 35
38) Dibenzo(a,h)anthracene	25.31	278	1202	0.074	ng	# 35
39) Benzo(g,h,i)perylene	25.91	276	1468	0.082	ng	# 80

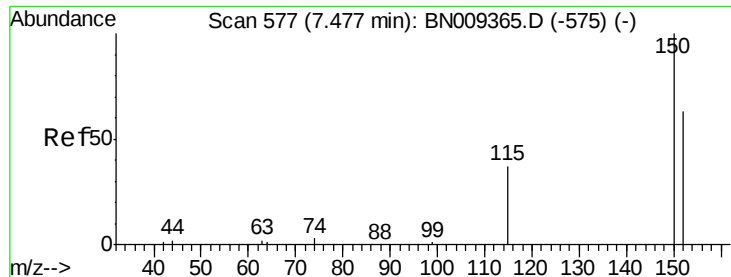
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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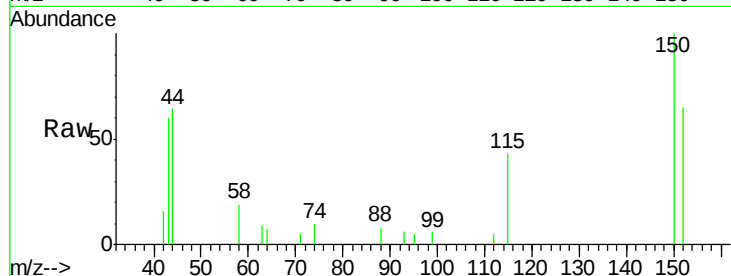


#1

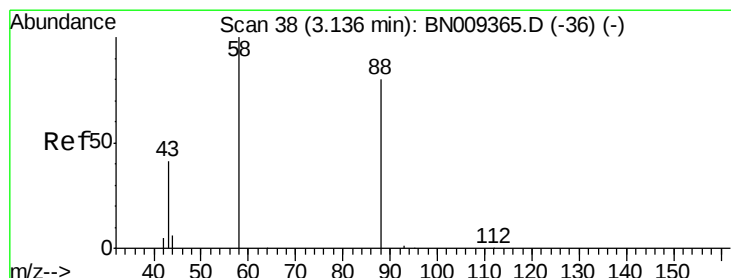
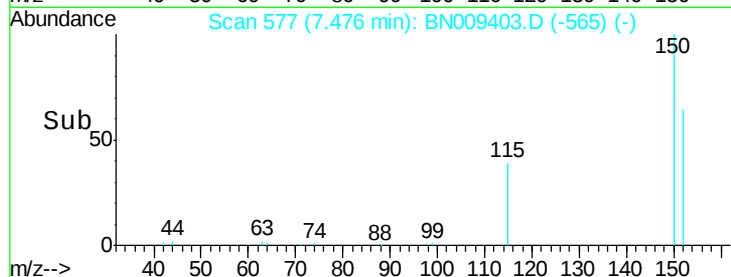
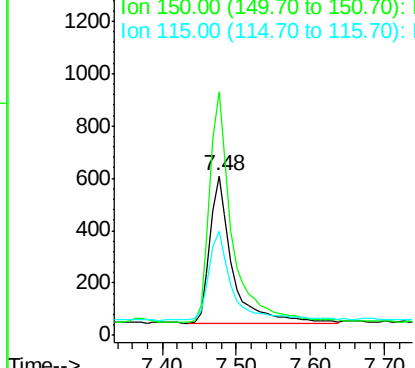
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1182
Ion Ratio Lower Upper
152 100
150 153.0 125.7 188.5
115 65.1 53.3 79.9



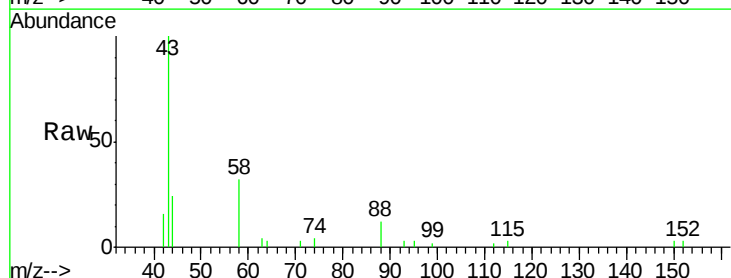
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



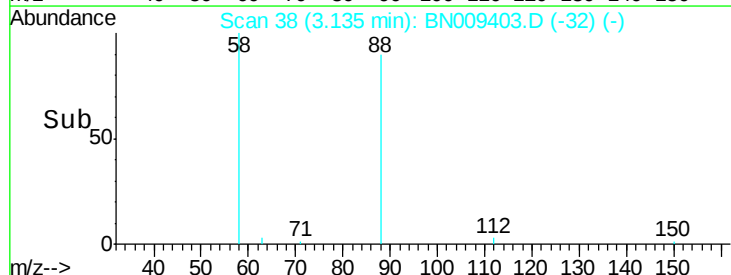
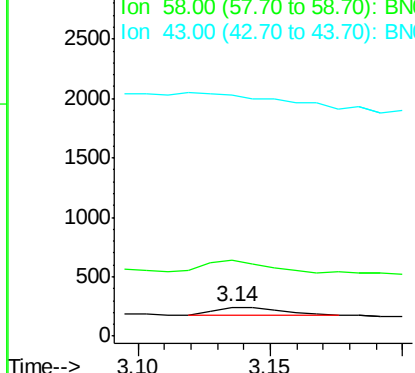
#2

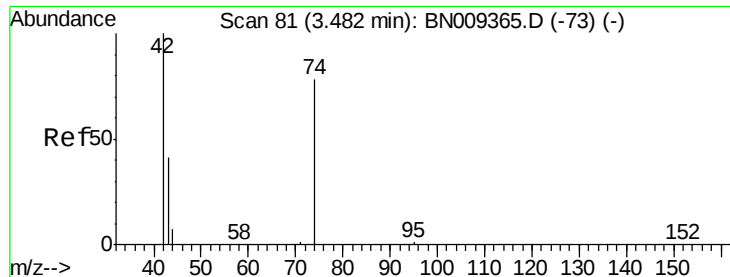
1,4-Dioxane
Concen: 0.097 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
58 139.5 100.2 150.2
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



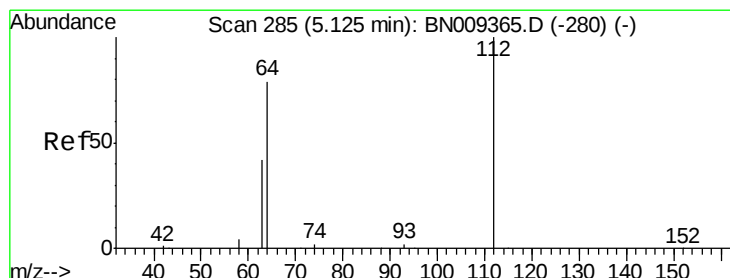
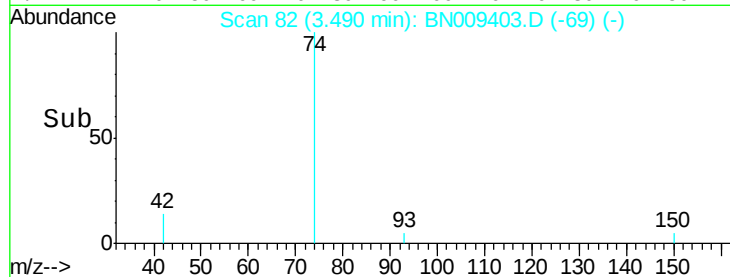
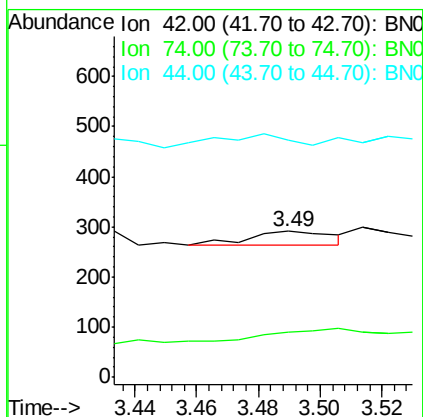
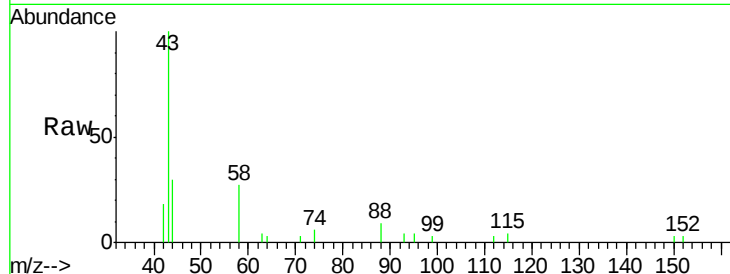


#3

n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.49 min Scan# 82
 Delta R.T. 0.01 min
 Lab File: BN009403.D
 Acq: 20 Jan 2020 15:13

Instrument :
 BNA_N
 ClientSampleId :

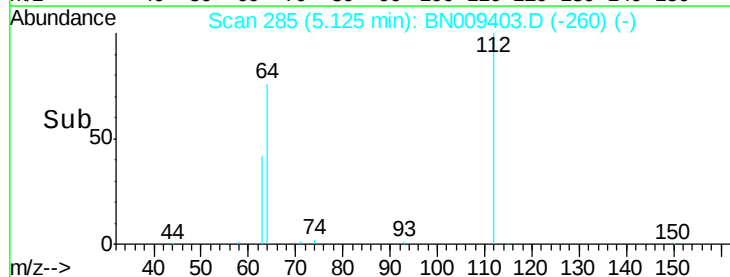
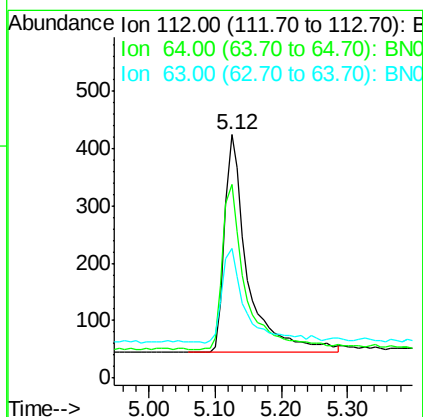
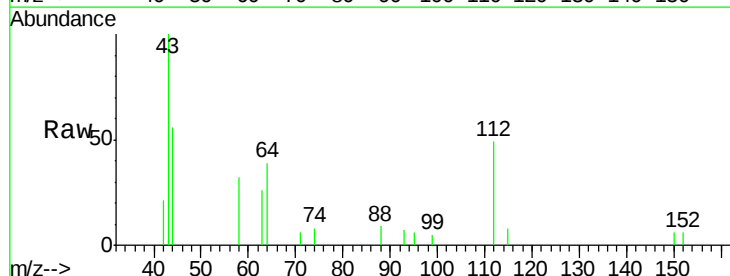
Tot Ion: 42 Resp: 51
 Ion Ratio Lower Upper
 42 100
 74 0.0 55.8 83.8#
 44 96.1 11.1 16.7#

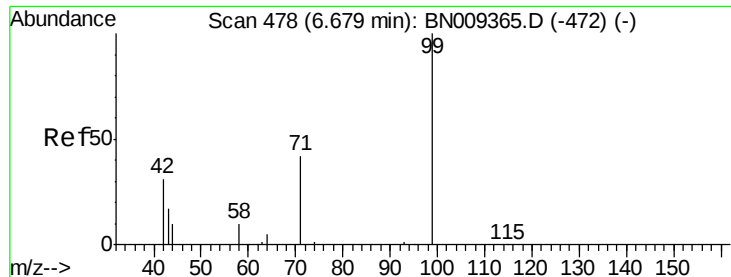


#4

2-Fluorophenol
 Concen: 0.334 ng
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009403.D
 Acq: 20 Jan 2020 15:13

Tgt Ion: 112 Resp: 908
 Ion Ratio Lower Upper
 112 100
 64 77.1 61.5 92.3
 63 45.2 35.0 52.4





#5

Phenol-d6

Concen: 0.280 ng

RT: 6.69 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

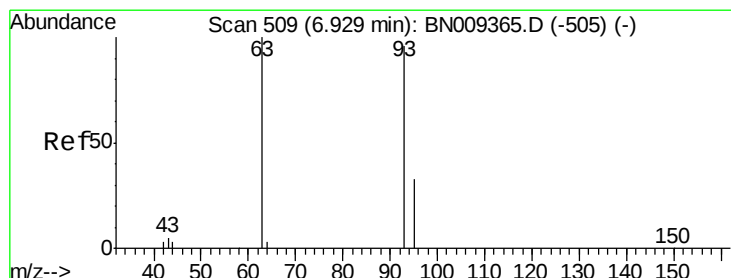
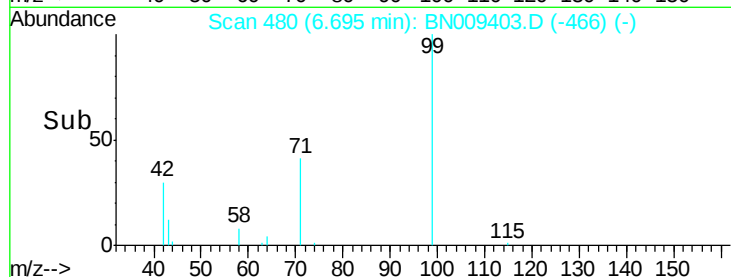
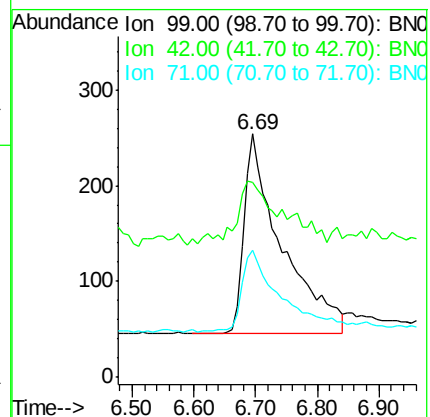
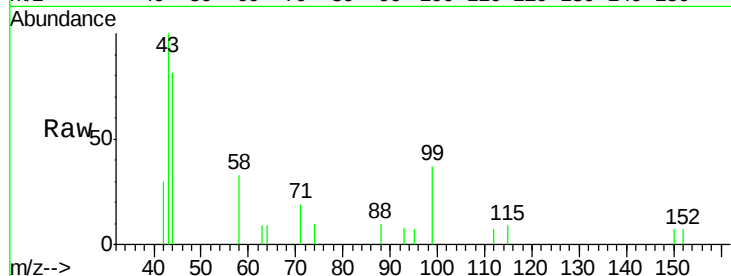
Tot Ion: 99 Resp: 881

Ion Ratio Lower Upper

99 100

42 35.0 27.6 41.4

71 41.2 33.0 49.6



#6

bis(2-Chloroethyl)ether

Concen: 0.071 ng

RT: 6.94 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

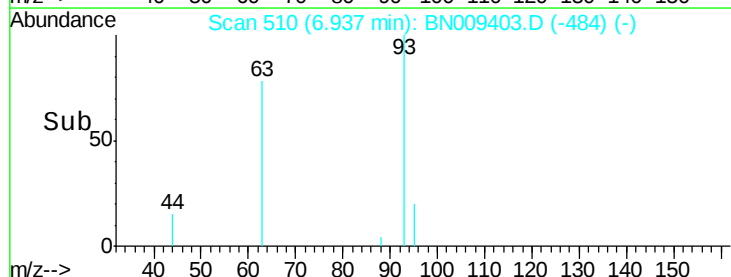
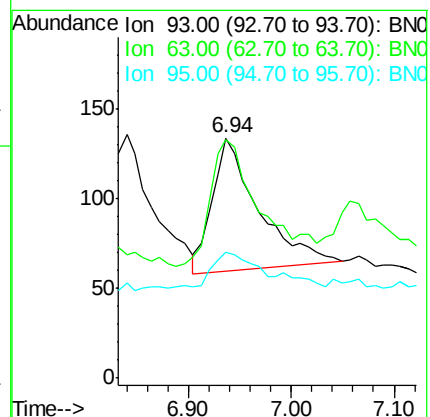
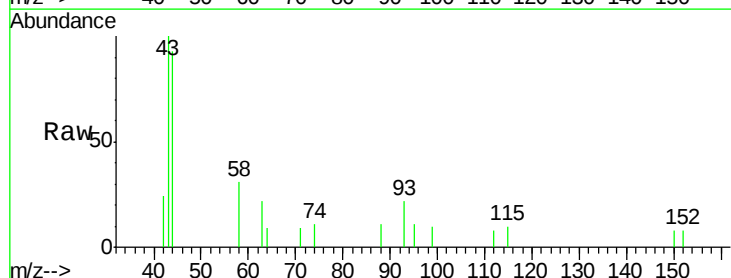
Tgt Ion: 93 Resp: 230

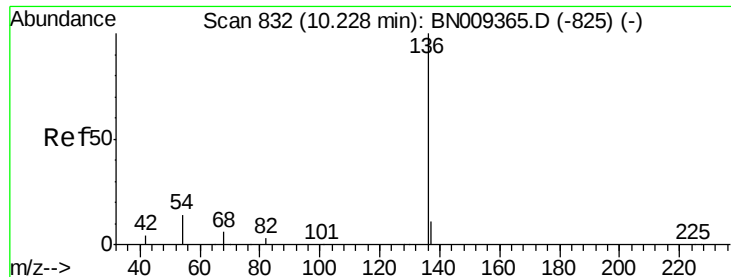
Ion Ratio Lower Upper

93 100

63 107.4 85.1 127.7

95 26.5 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: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3890

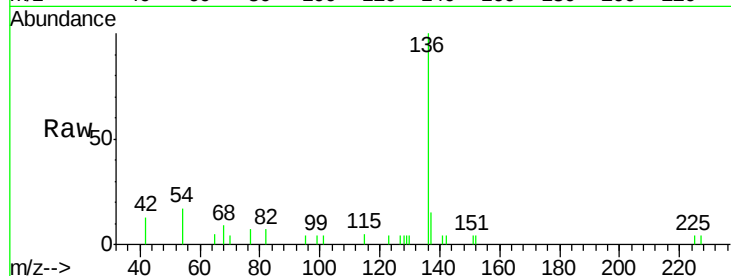
Ion Ratio Lower Upper

136 100

137 14.5 10.3 15.5

54 17.0 12.6 19.0

68 9.5 6.5 9.7

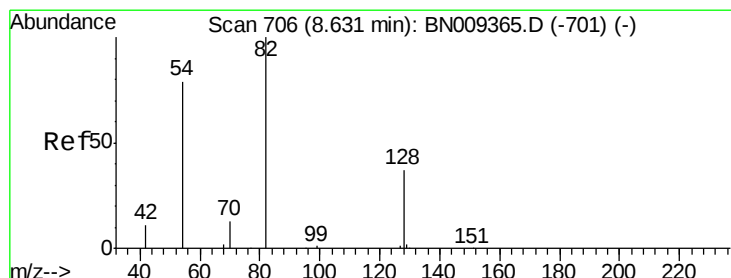
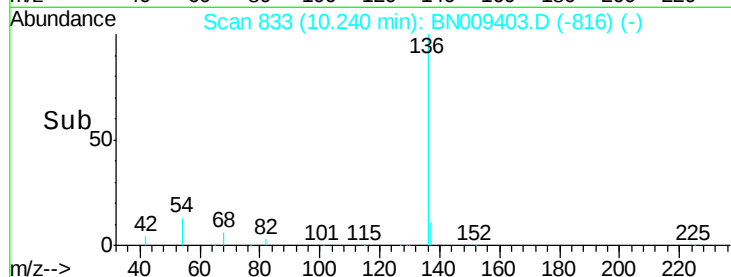
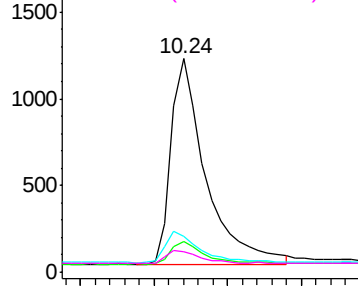


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.281 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.02 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

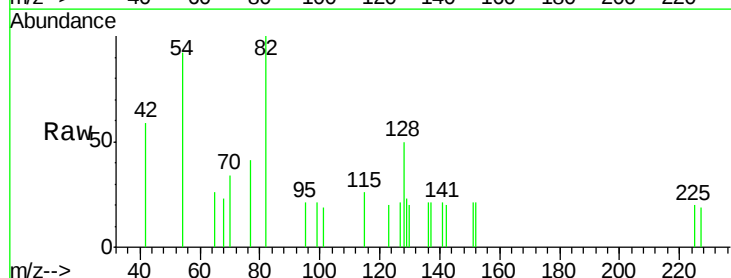
Tgt Ion: 82 Resp: 871

Ion Ratio Lower Upper

82 100

128 50.0 34.8 52.2

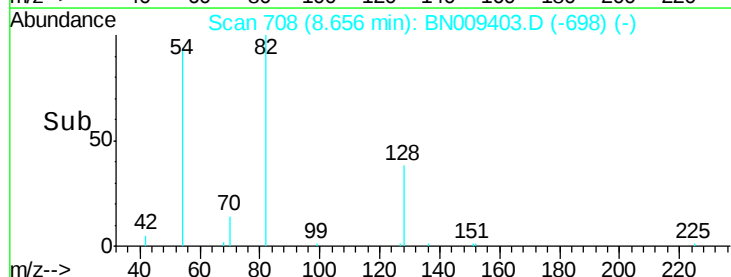
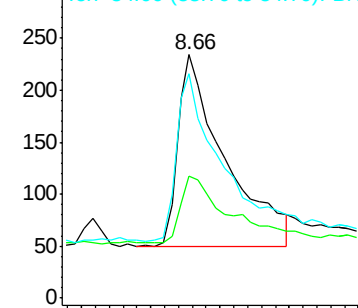
54 92.3 65.8 98.6

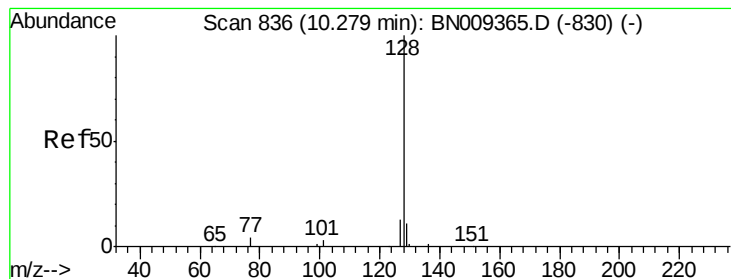


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.089 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

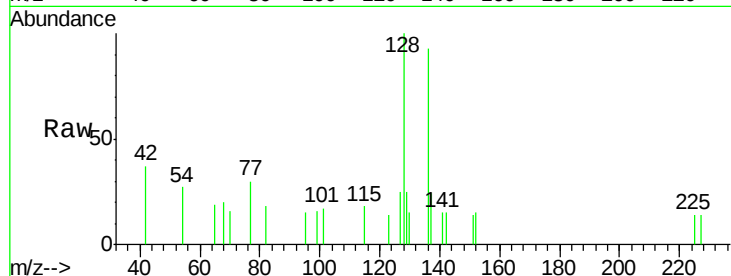
Tot Ion:128 Resp: 938

Ion Ratio Lower Upper

128 100

129 25.1 10.4 15.6#

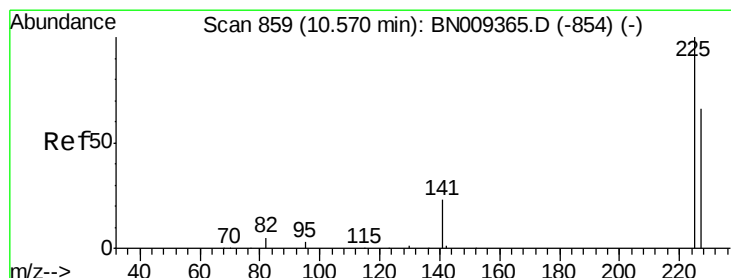
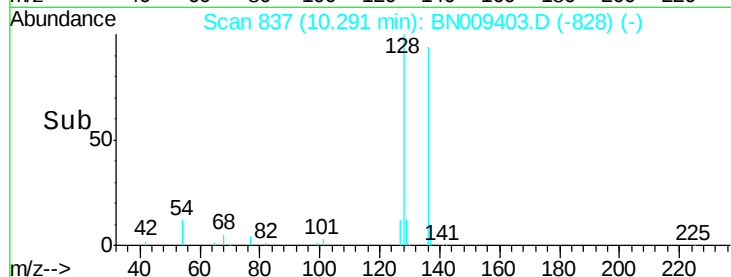
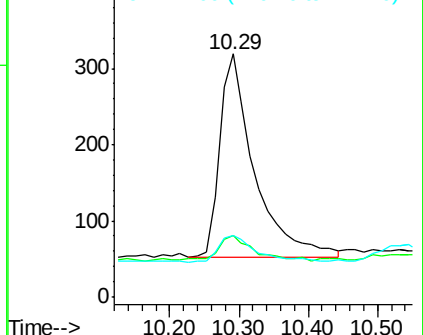
127 25.1 11.4 17.2#



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: 0.092 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

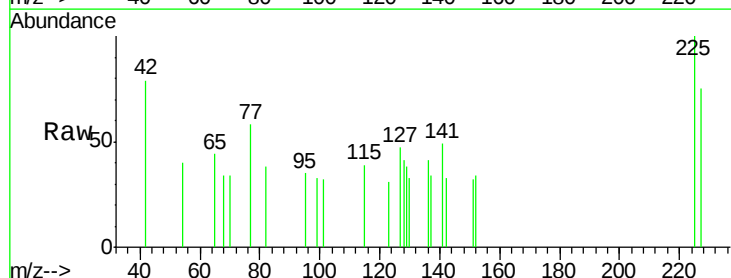
Tgt Ion:225 Resp: 212

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

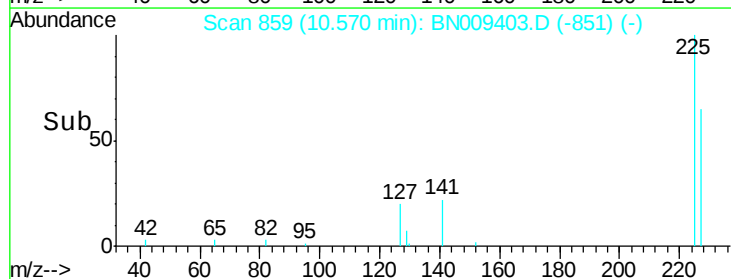
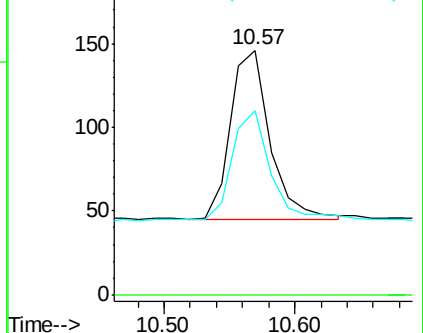
227 60.8 52.6 78.8

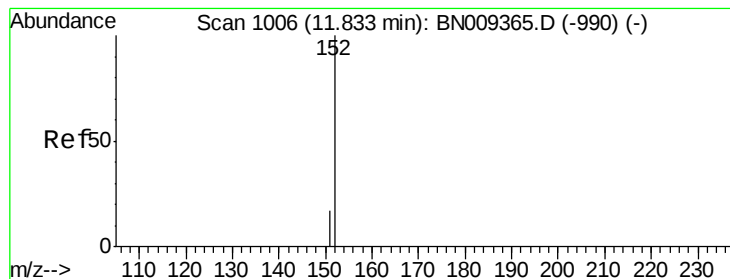


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.273 ng

RT: 11.85 min Scan# 1010

Delta R.T. 0.02 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

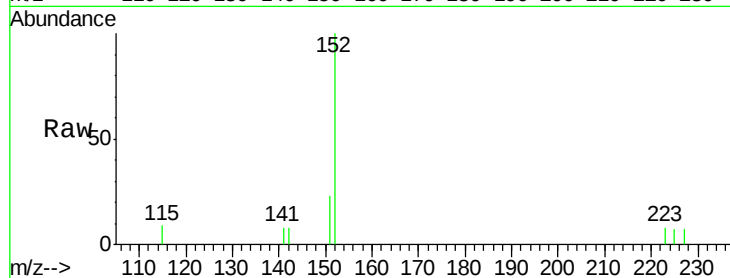
ClientSampleId :

Tot Ion:152 Resp: 2051

Ion Ratio Lower Upper

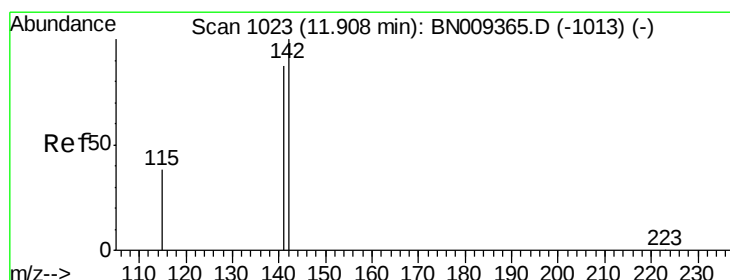
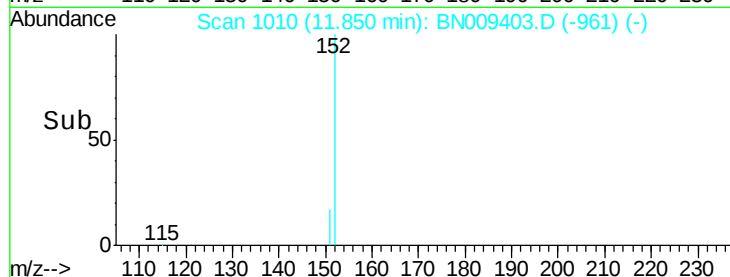
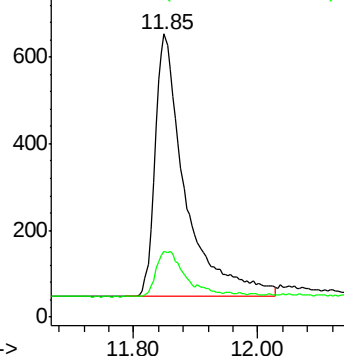
152 100

151 16.8 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.081 ng

RT: 11.93 min Scan# 1027

Delta R.T. 0.02 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

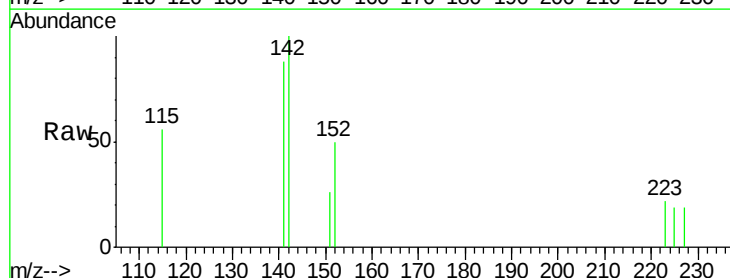
Tgt Ion:142 Resp: 594

Ion Ratio Lower Upper

142 100

141 87.6 69.8 104.6

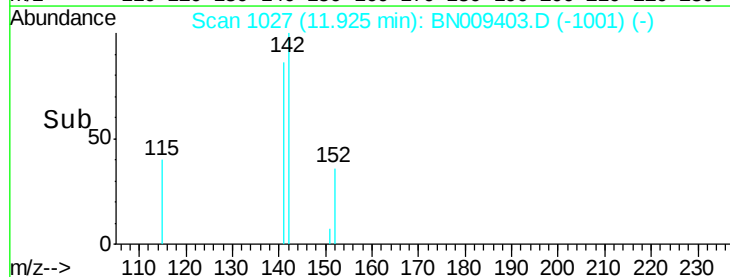
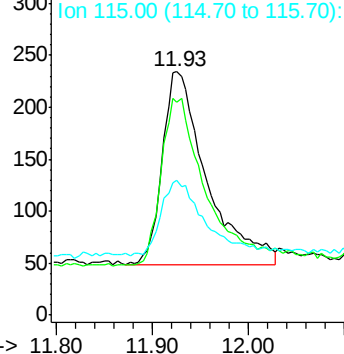
115 55.6 32.5 48.7#

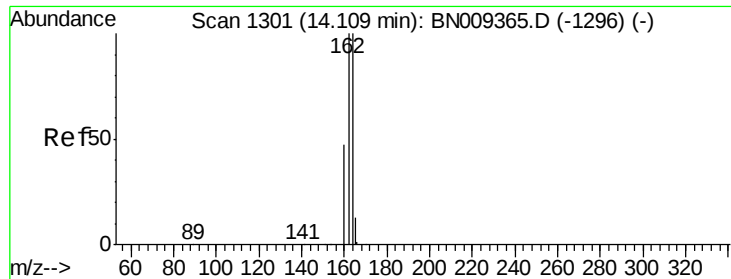


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

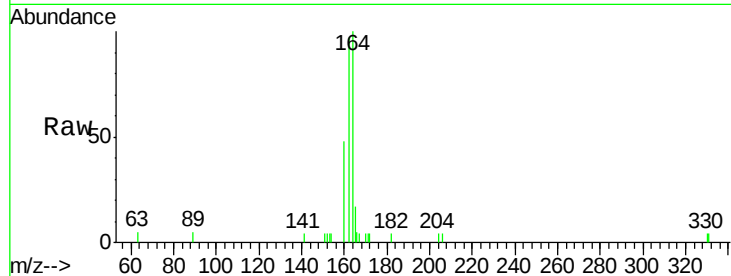
Tot Ion:164 Resp: 2511

Ion Ratio Lower Upper

164 100

162 96.9 79.8 119.6

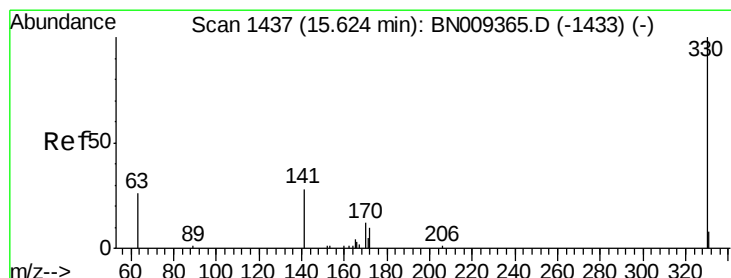
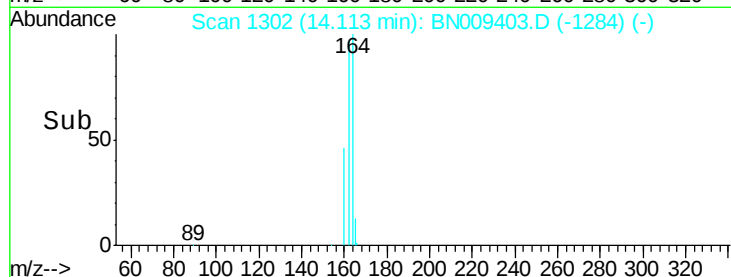
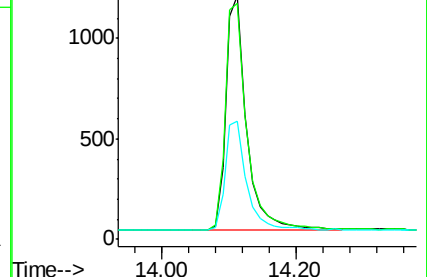
160 48.4 38.4 57.6



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: 0.277 ng

RT: 15.64 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

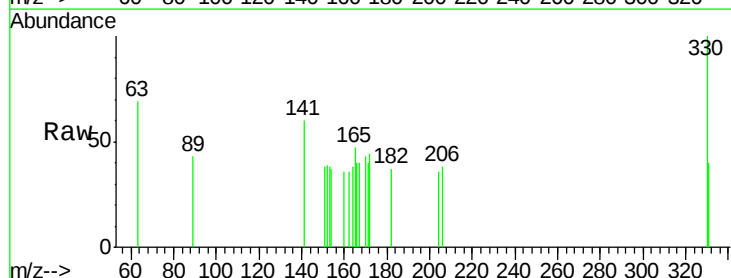
Tgt Ion:330 Resp: 263

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

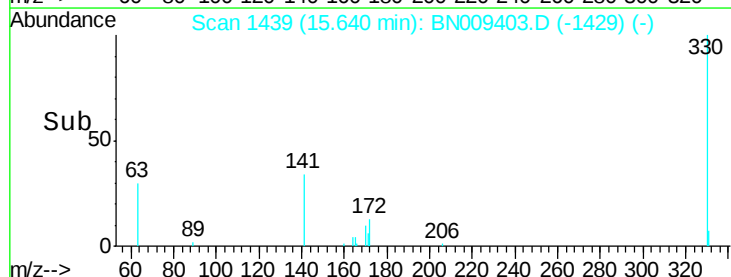
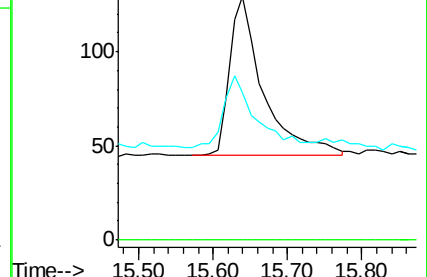
141 43.3 33.1 49.7

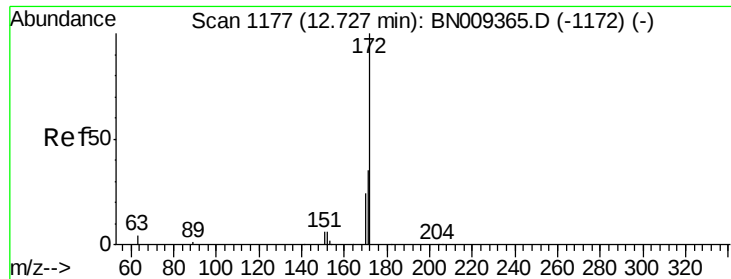


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

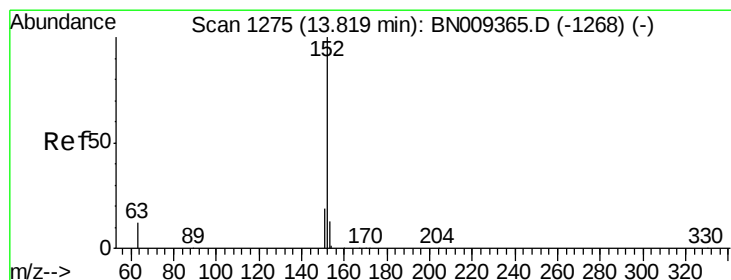
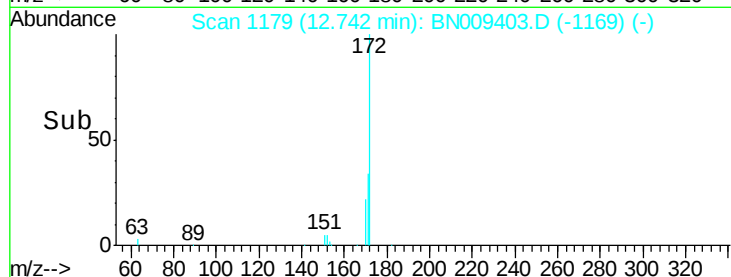
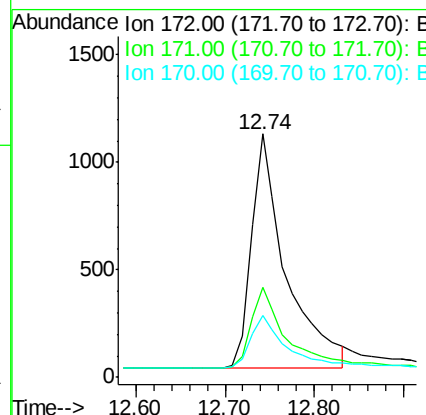
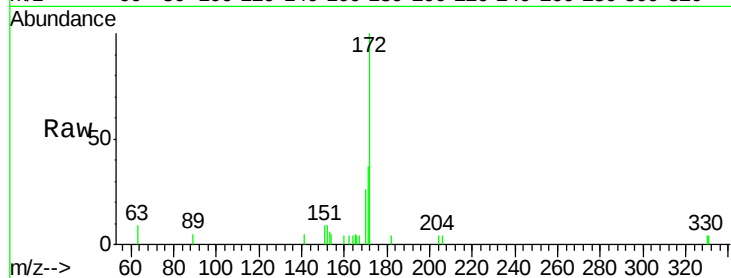




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.74 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

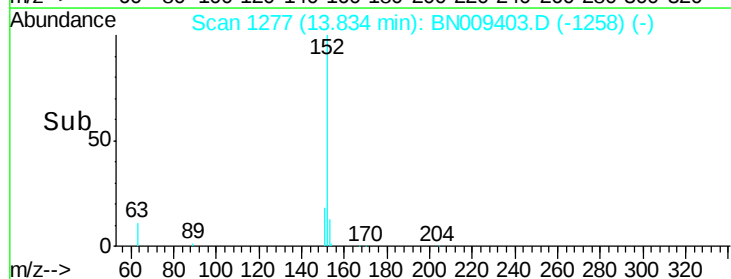
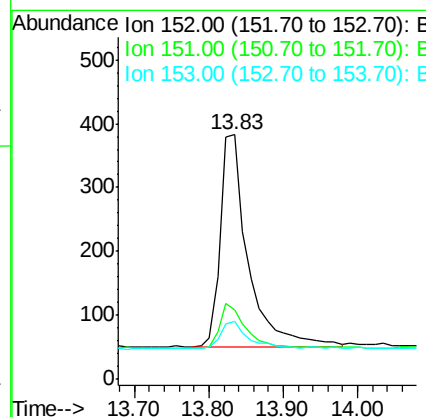
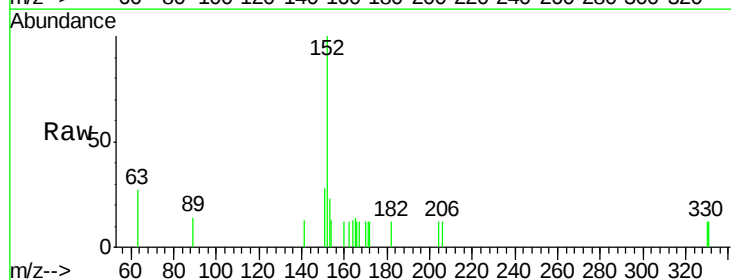
Instrument :
BNA_N
ClientSampleId :

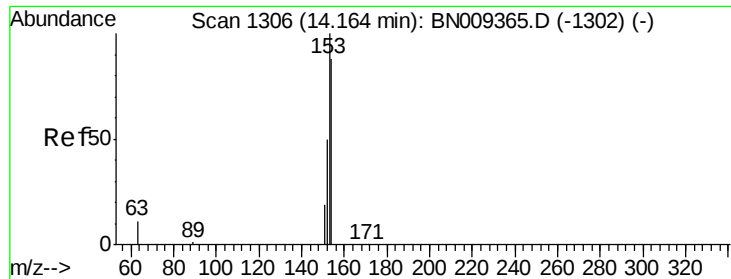
Tot Ion:172 Resp: 2920
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 25.5 20.7 31.1



#16
Acenaphthylene
Concen: 0.079 ng
RT: 13.83 min Scan# 1277
Delta R.T. 0.02 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

Tgt Ion:152 Resp: 860
Ion Ratio Lower Upper
152 100
151 20.7 15.4 23.2
153 12.4 10.4 15.6

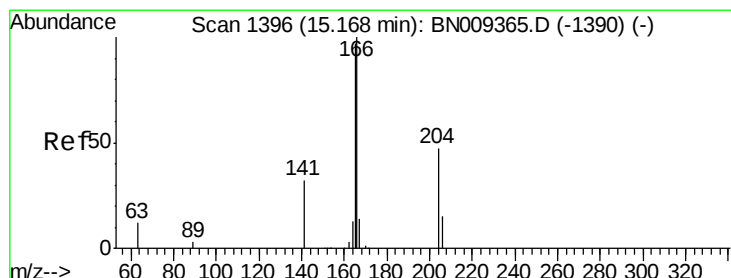
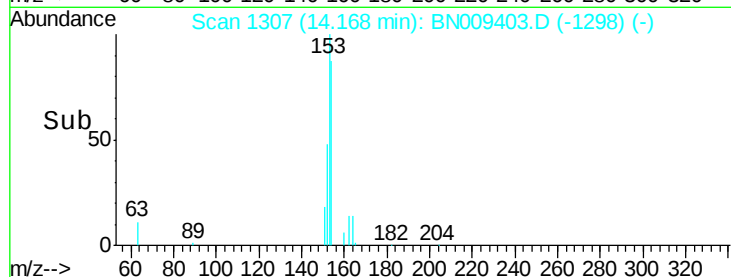
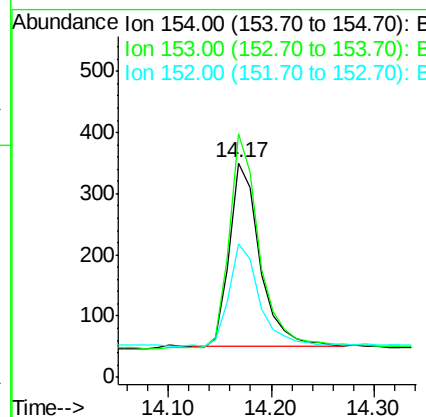
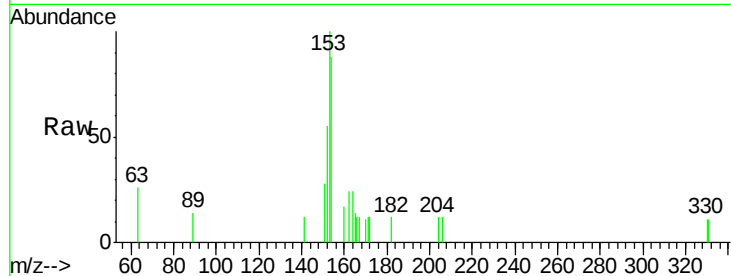




#17
Acenaphthene
Concen: 0.081 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

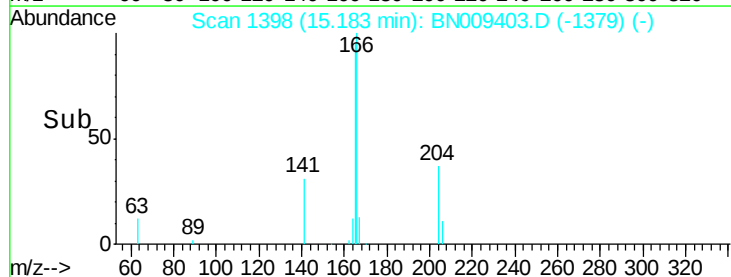
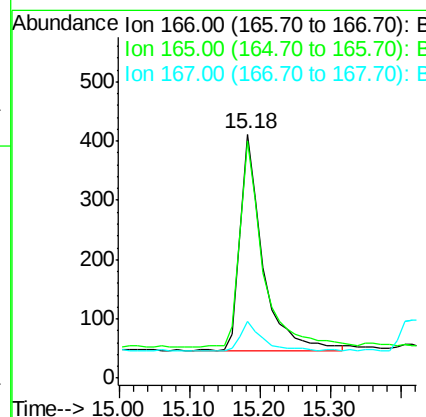
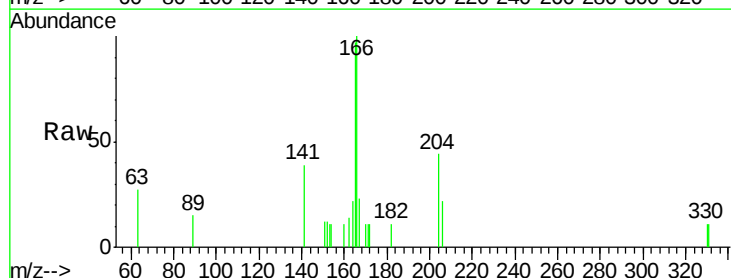
Instrument :
BNA_N
ClientSampleId :

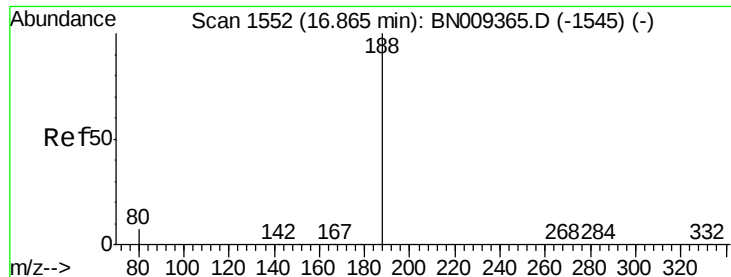
Tot Ion:154 Resp: 617
Ion Ratio Lower Upper
154 100
153 119.3 90.5 135.7
152 55.4 45.3 67.9



#18
Fluorene
Concen: 0.083 ng
RT: 15.18 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

Tgt Ion:166 Resp: 820
Ion Ratio Lower Upper
166 100
165 96.2 78.2 117.2
167 13.8 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: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

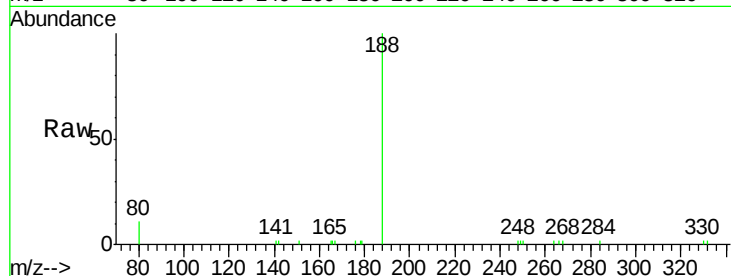
Tot Ion:188 Resp: 5710

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

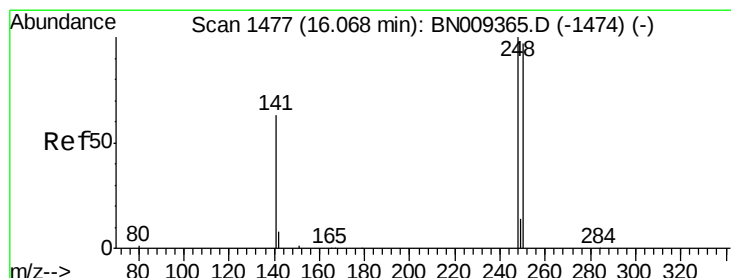
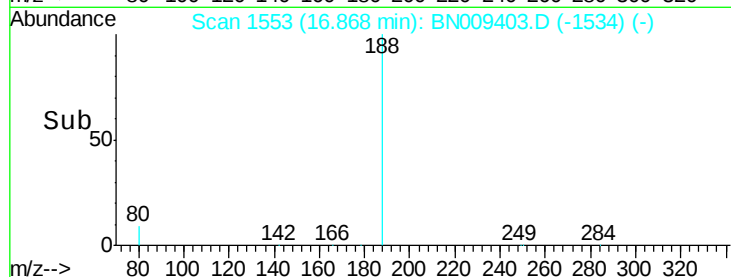
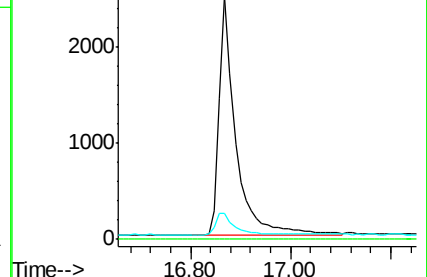
80 10.8 6.6 10.0#



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: 0.071 ng

RT: 16.08 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

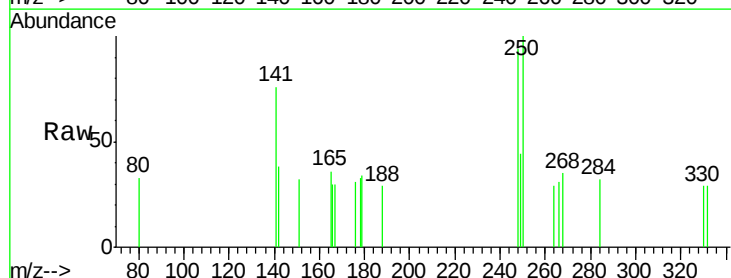
Tgt Ion:248 Resp: 243

Ion Ratio Lower Upper

248 100

250 106.8 77.8 116.8

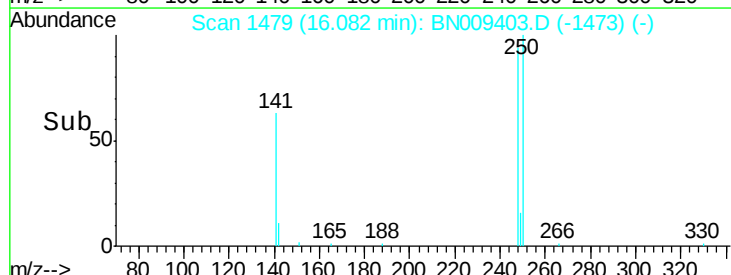
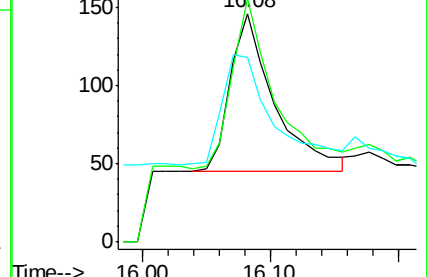
141 80.8 53.4 80.0#

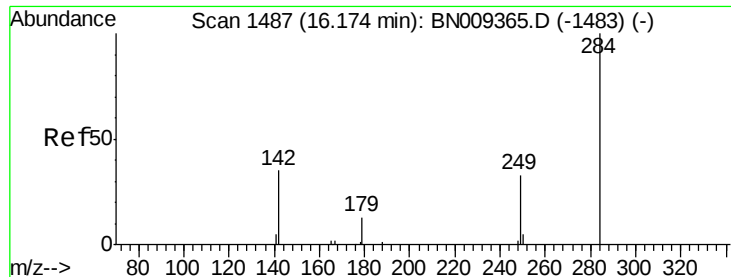


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

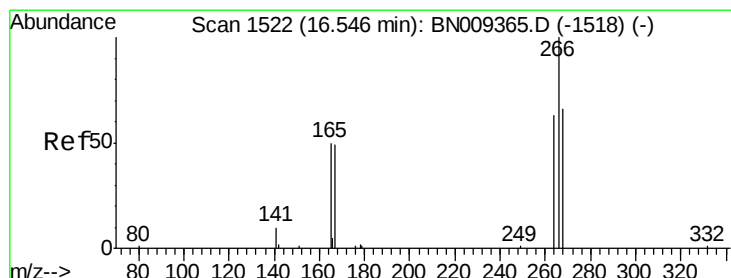
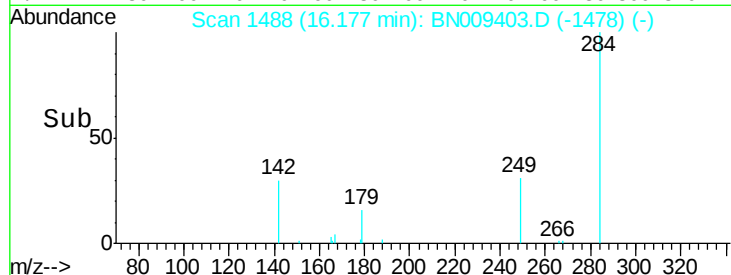
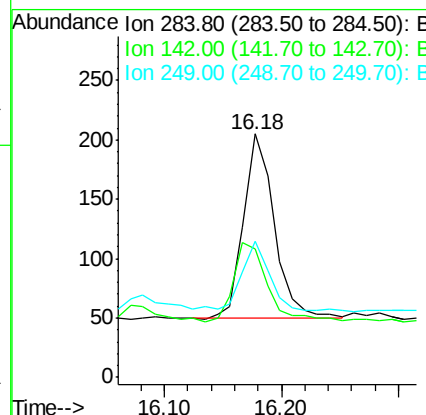
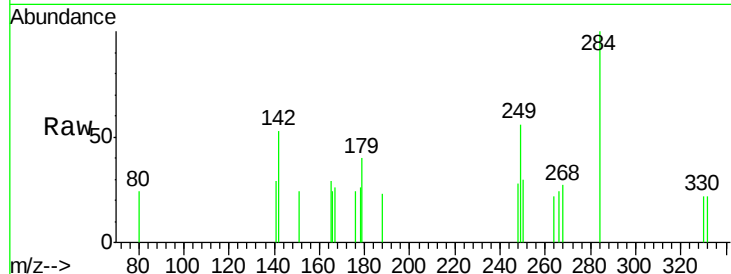




#21
Hexachlorobenzene
Concen: 0.077 ng
RT: 16.18 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

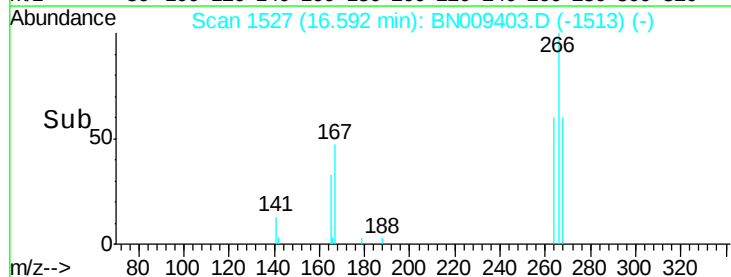
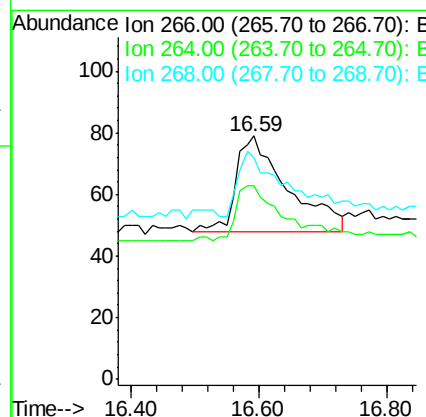
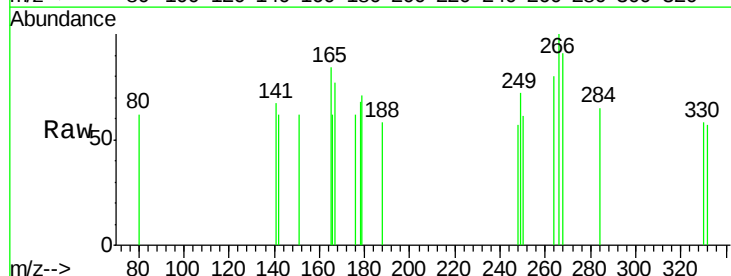
Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 281
Ion Ratio Lower Upper
284 100
142 47.7 33.8 50.8
249 33.1 27.0 40.4



#22
Pentachlorophenol
Concen: 0.167 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.05 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

Tgt Ion:266 Resp: 172
Ion Ratio Lower Upper
266 100
264 79.7 57.8 86.6
268 91.1 63.8 95.6





#23

Phenanthrene

Concen: 0.079 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

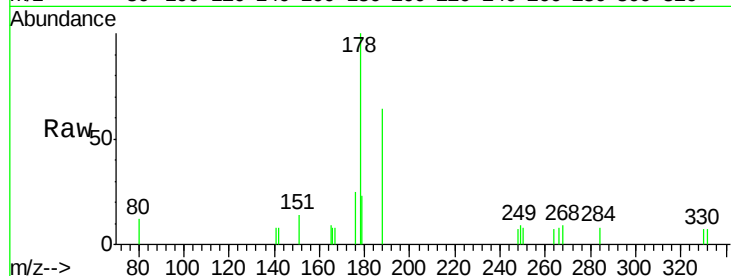
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 1361

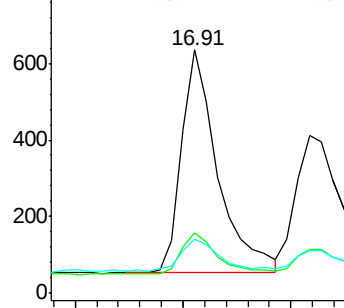
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.3	12.3	18.5



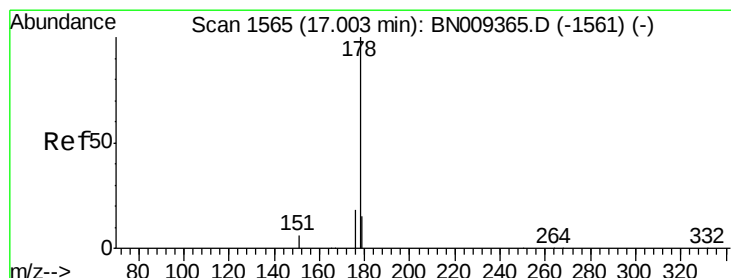
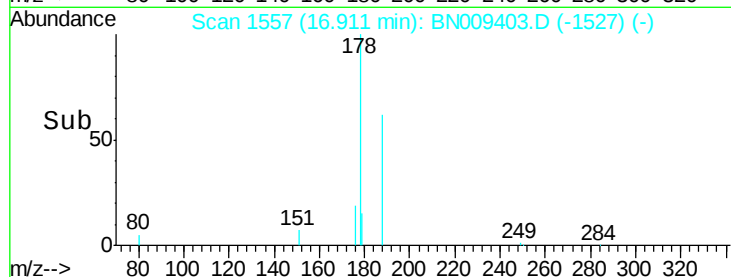
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.072 ng

RT: 17.02 min Scan# 1567

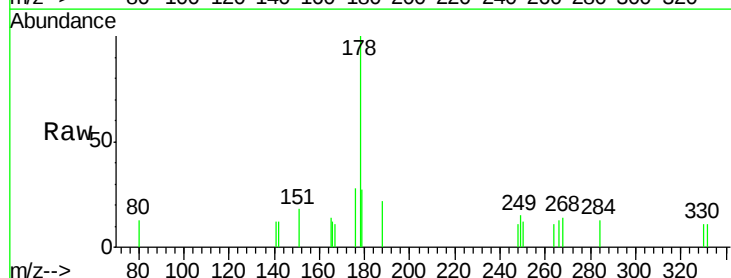
Delta R.T. 0.01 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Tgt Ion:178 Resp: 1031

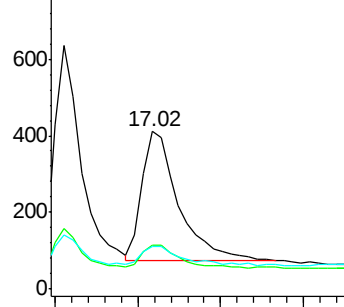
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	14.7	12.5	18.7



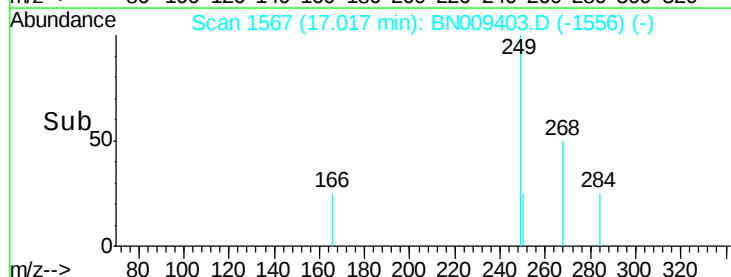
Abundance Ion 178.00 (177.70 to 178.70): E

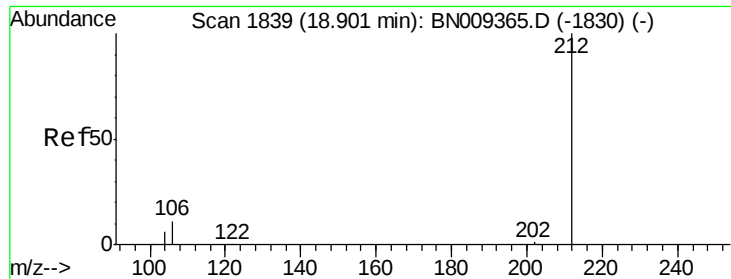
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.259 ng

RT: 18.90 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

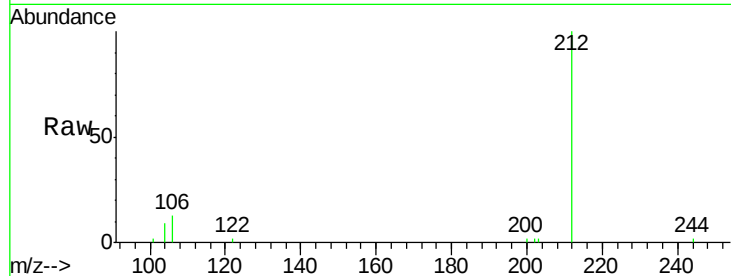
Tot Ion:212 Resp: 5069

Ion Ratio Lower Upper

212 100

106 11.3 9.2 13.8

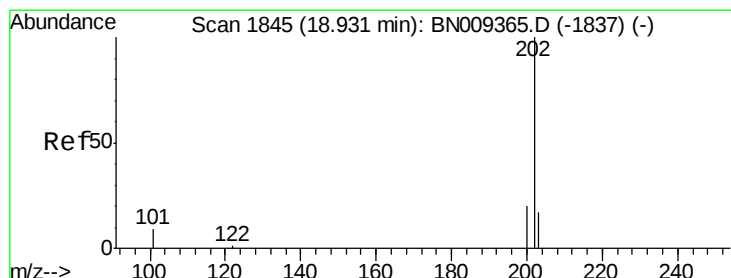
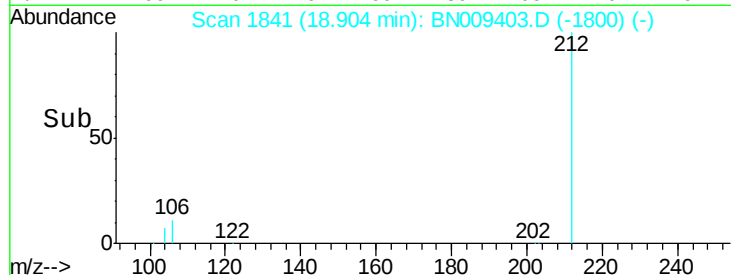
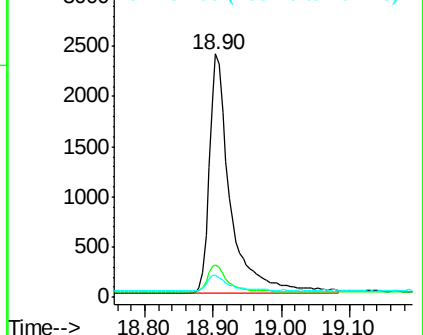
104 6.0 5.4 8.0



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: 0.082 ng

RT: 18.93 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

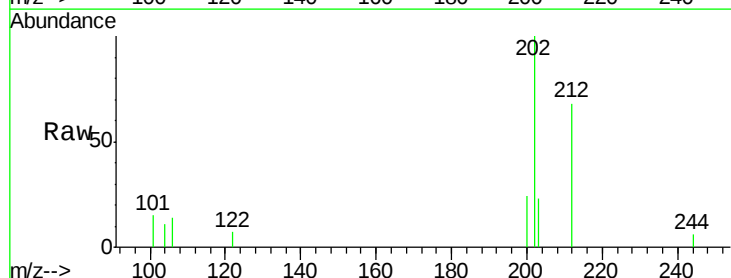
Tgt Ion:202 Resp: 1659

Ion Ratio Lower Upper

202 100

101 9.6 8.0 12.0

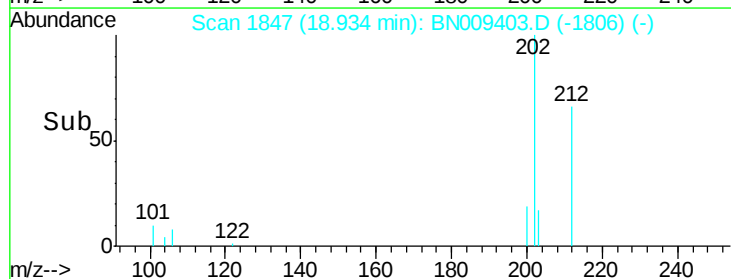
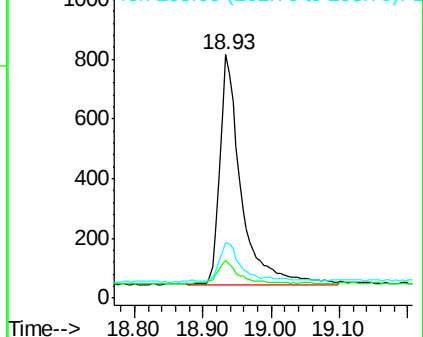
203 15.1 13.5 20.3

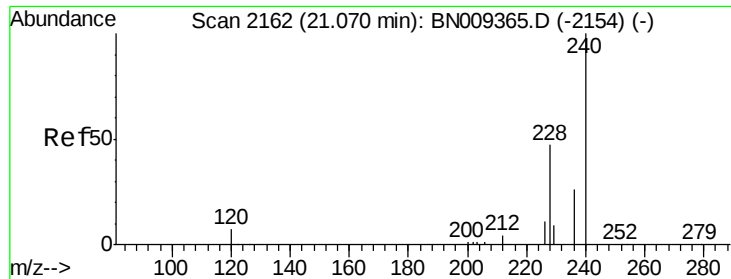


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampled :

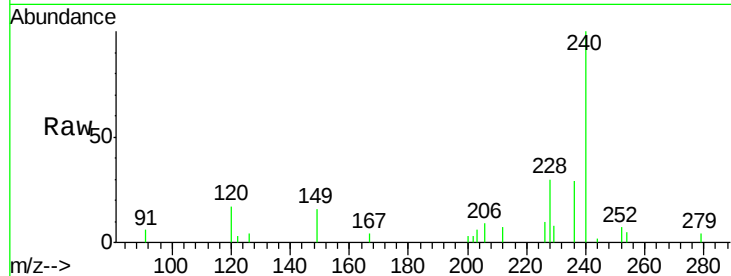
Tot Ion:240 Resp: 4920

Ion Ratio Lower Upper

240 100

120 17.3 8.1 12.1#

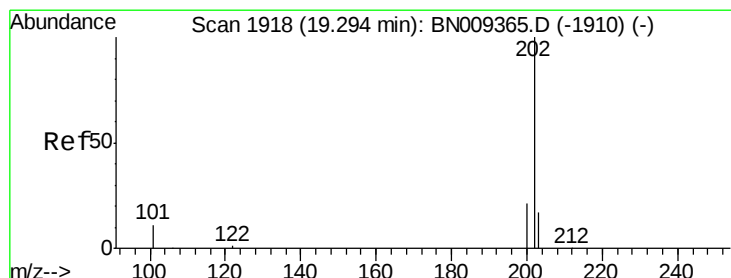
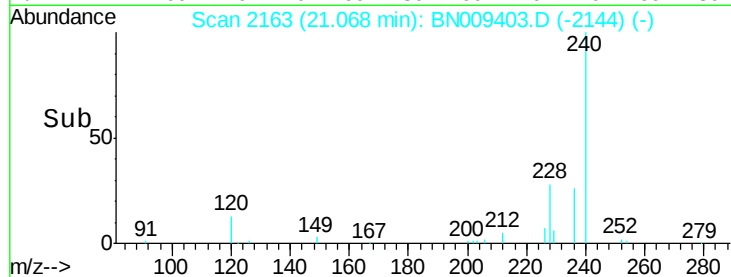
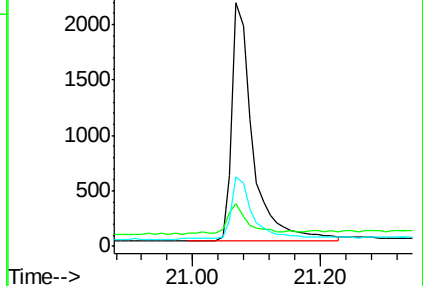
236 28.8 22.2 33.4



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: 0.090 ng

RT: 19.30 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

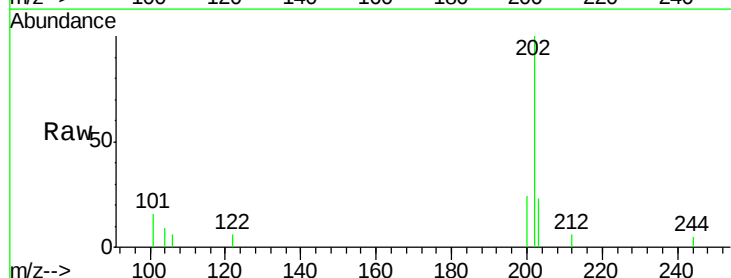
Tgt Ion:202 Resp: 1679

Ion Ratio Lower Upper

202 100

200 19.8 16.2 24.2

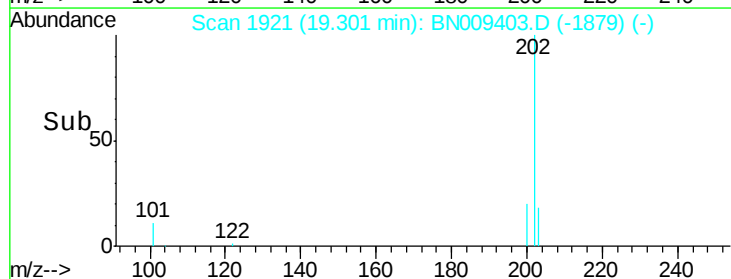
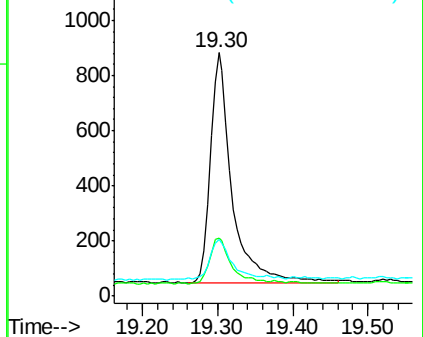
203 17.9 14.1 21.1

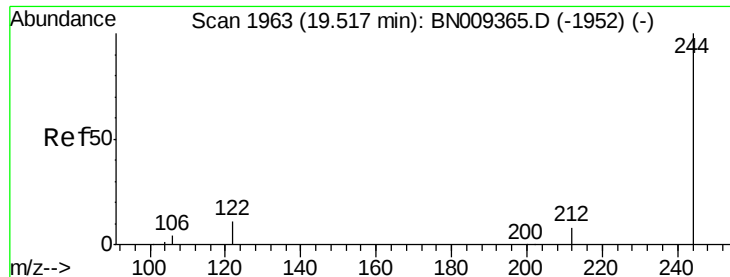


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.355 ng

RT: 19.52 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

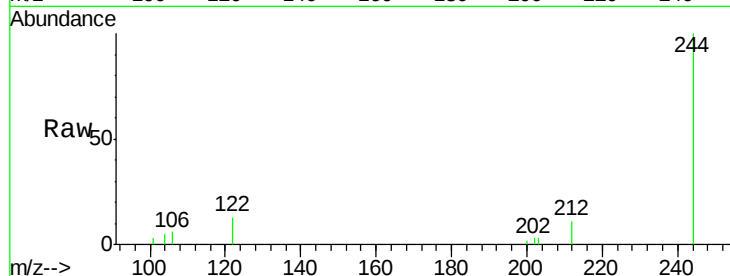
Tot Ion:244 Resp: 4136

Ion Ratio Lower Upper

244 100

212 10.6 7.5 11.3

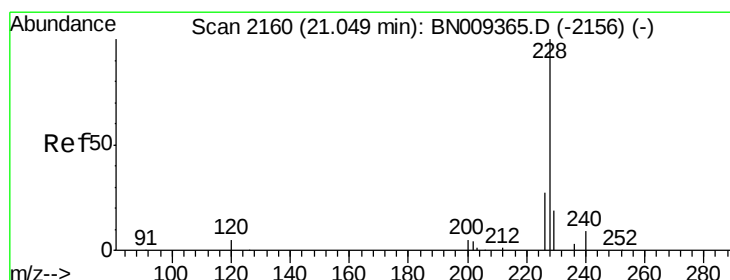
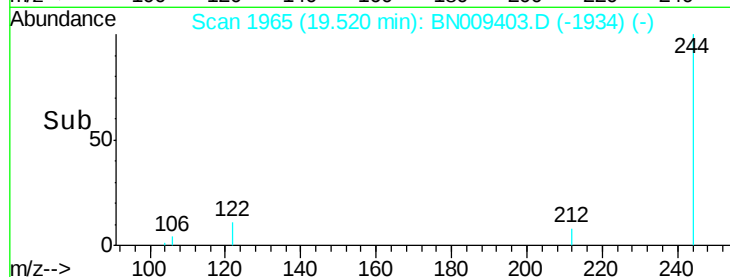
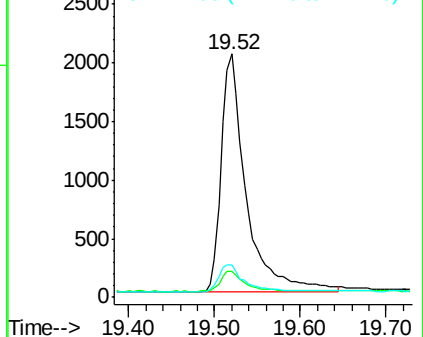
122 13.1 9.8 14.6



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: 0.097 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.06 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

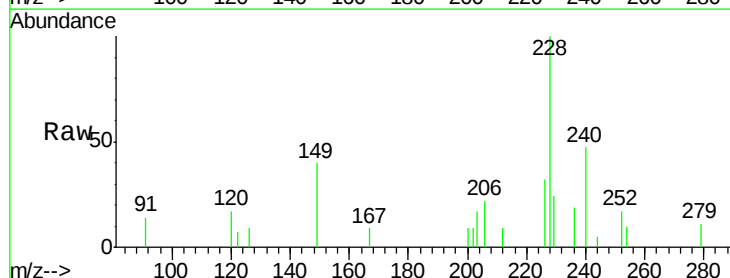
Tgt Ion:228 Resp: 1576

Ion Ratio Lower Upper

228 100

226 32.1 22.5 33.7

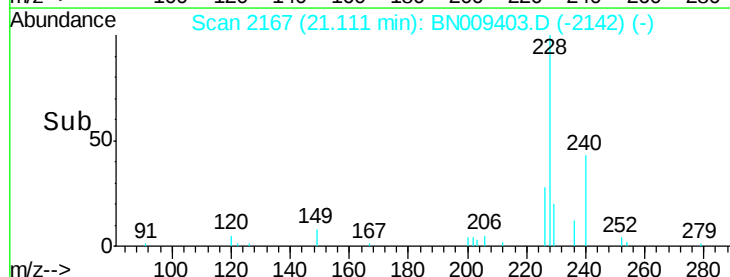
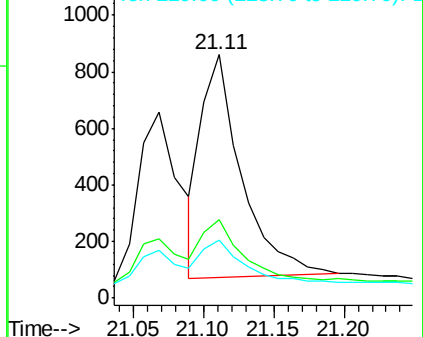
229 24.0 16.1 24.1

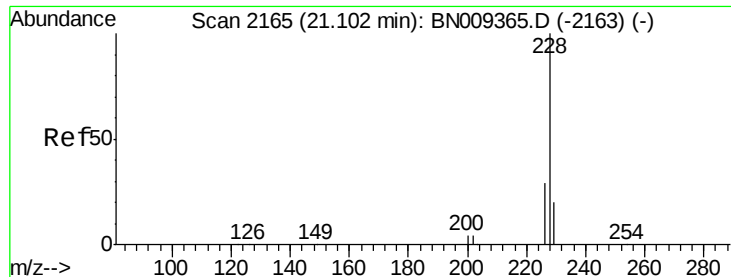


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.086 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

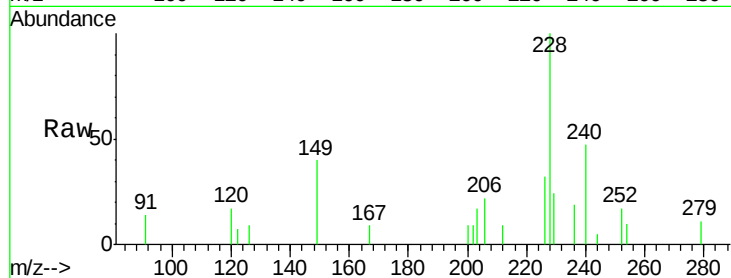
Tot Ion:228 Resp: 1592

Ion Ratio Lower Upper

228 100

226 32.1 23.8 35.8

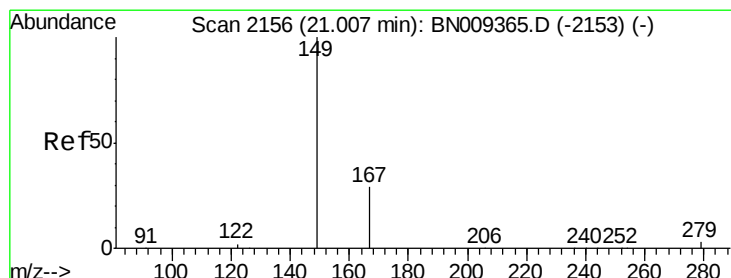
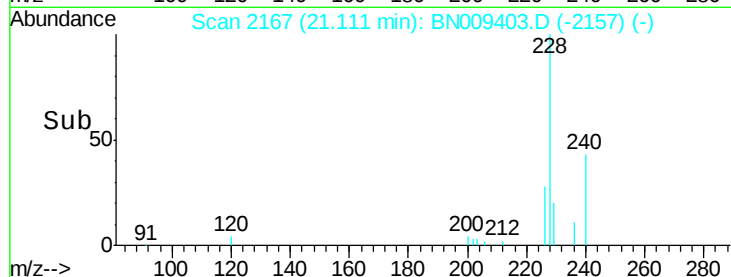
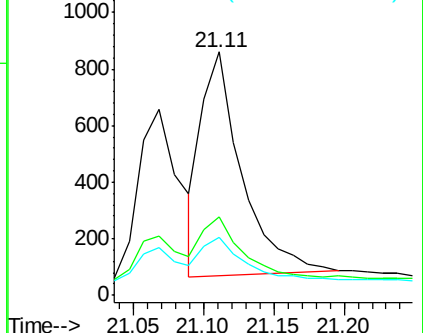
229 24.0 16.6 24.8



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: 0.096 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

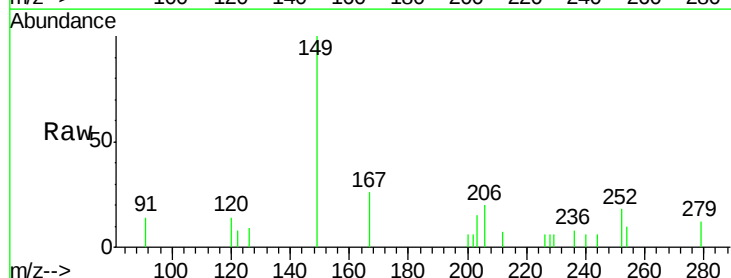
Tgt Ion:149 Resp: 683

Ion Ratio Lower Upper

149 100

167 25.0 22.9 34.3

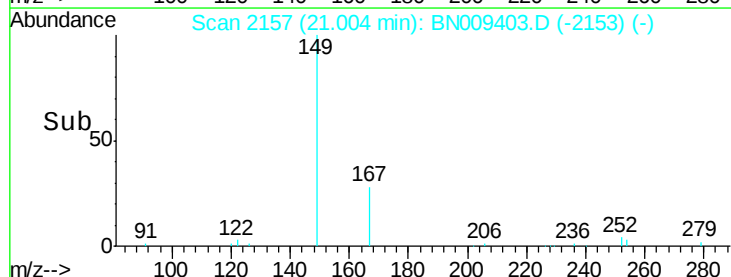
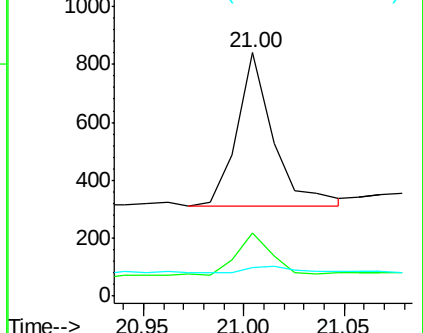
279 4.2 3.4 5.0

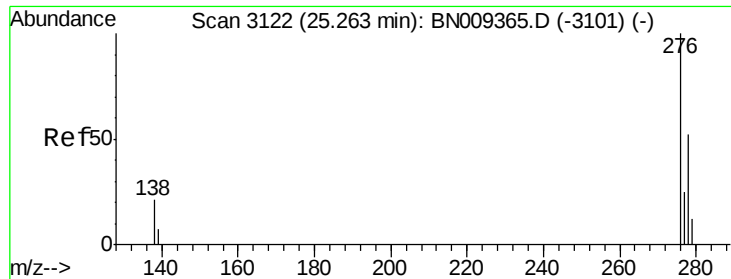


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

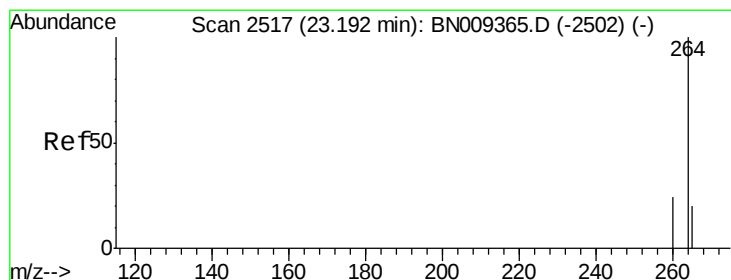
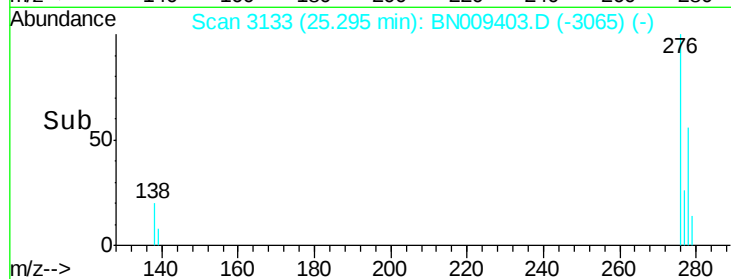
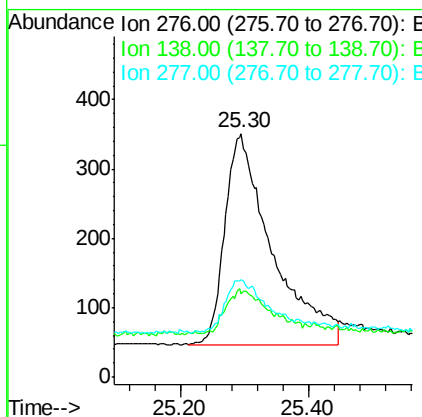
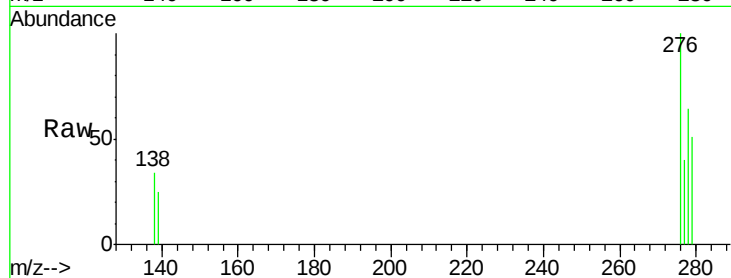




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng
RT: 25.30 min Scan# 3133
Delta R.T. 0.03 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

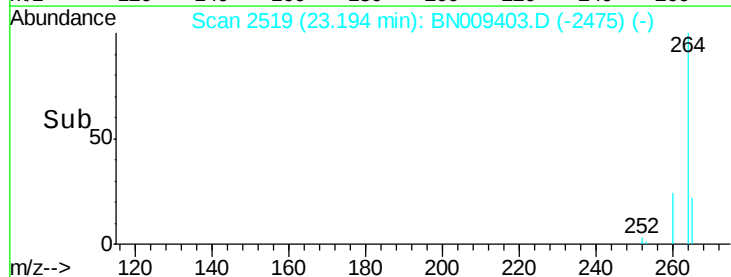
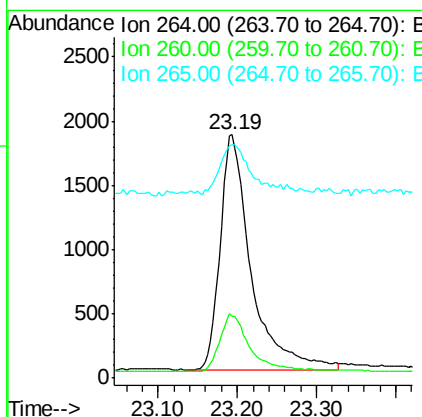
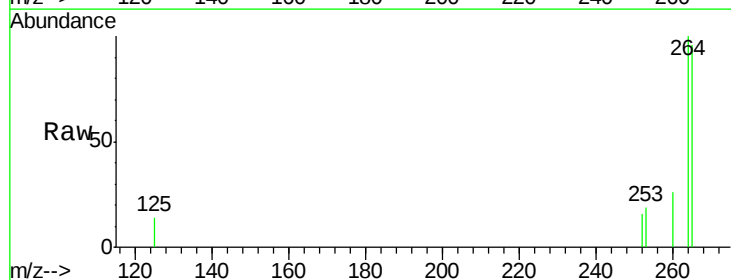
Instrument :
BNA_N
ClientSampleId :

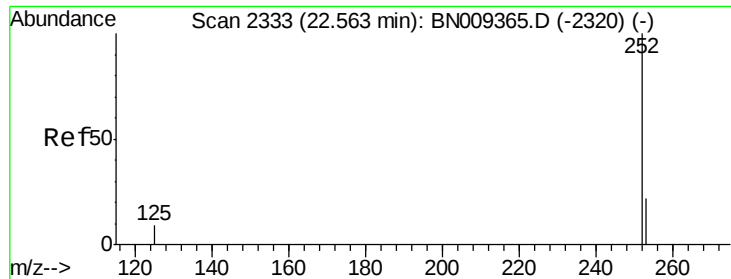
Tot Ion:276 Resp: 1553
Ion Ratio Lower Upper
276 100
138 19.7 15.9 23.9
277 21.2 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

Tgt Ion:264 Resp: 4999
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 95.7 68.2 102.4

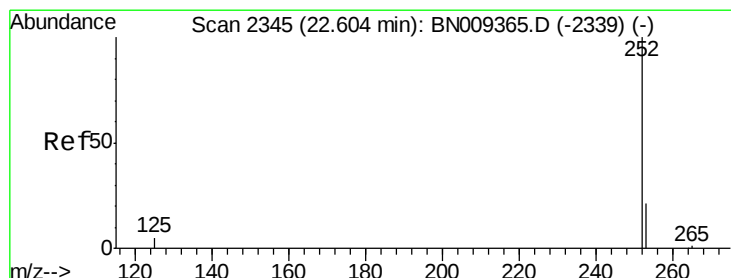
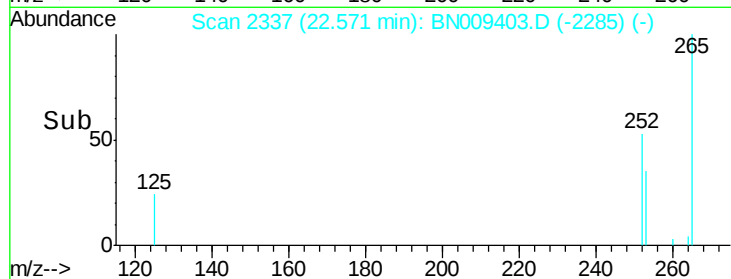
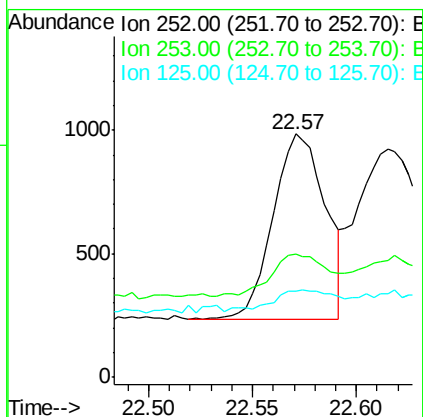
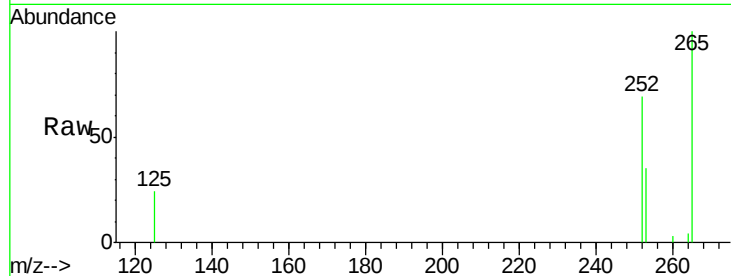




#35
Benzo(b)fluoranthene
Concen: 0.072 ng
RT: 22.57 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

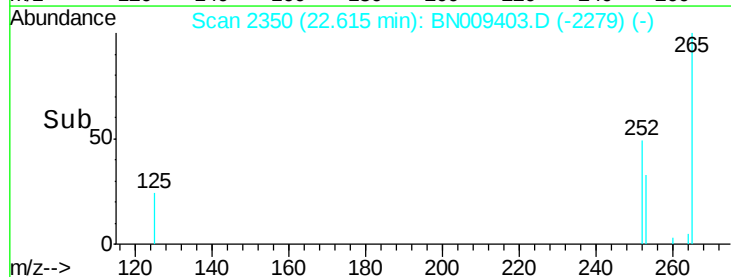
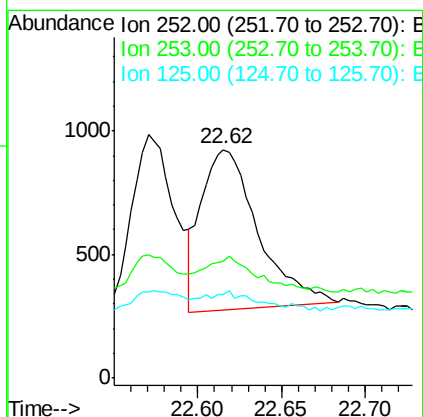
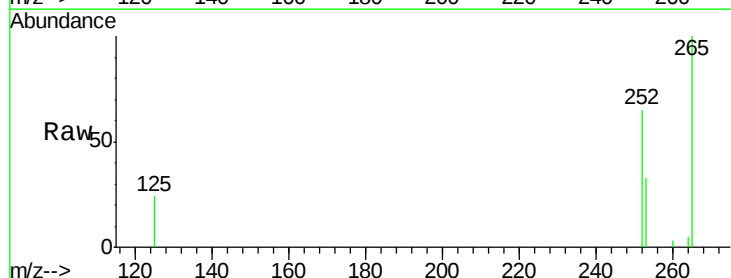
Instrument :
BNA_N
ClientSampleId :

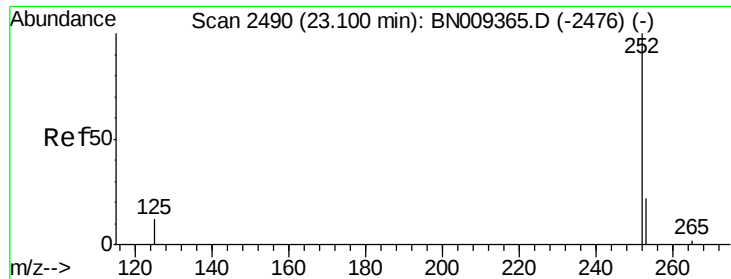
Tot Ion:252 Resp: 1323
Ion Ratio Lower Upper
252 100
253 50.4 22.4 33.6#
125 35.1 11.6 17.4#



#36
Benzo(k)fluoranthene
Concen: 0.075 ng
RT: 22.62 min Scan# 2350
Delta R.T. 0.01 min
Lab File: BN009403.D
Acq: 20 Jan 2020 15:13

Tgt Ion:252 Resp: 1516
Ion Ratio Lower Upper
252 100
253 51.0 21.9 32.9#
125 36.4 12.0 18.0#





#37

Benzo(a)pyrene

Concen: 0.084 ng

RT: 23.11 min Scan# 2495

Delta R.T. 0.01 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampled :

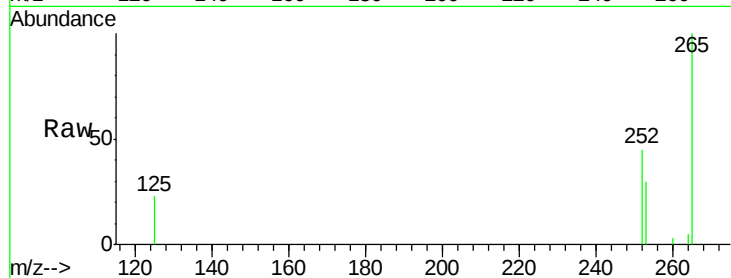
Tot Ion:252 Resp: 1366

Ion Ratio Lower Upper

252 100

253 66.6 25.4 38.0#

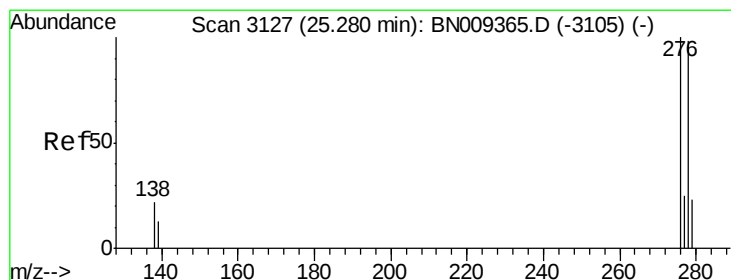
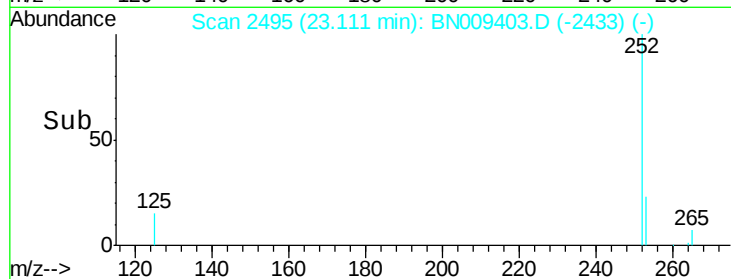
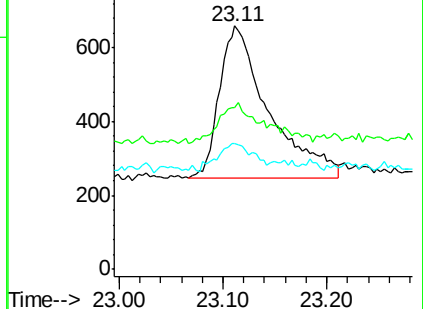
125 51.4 16.2 24.2#



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: 0.074 ng

RT: 25.31 min Scan# 3136

Delta R.T. 0.03 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

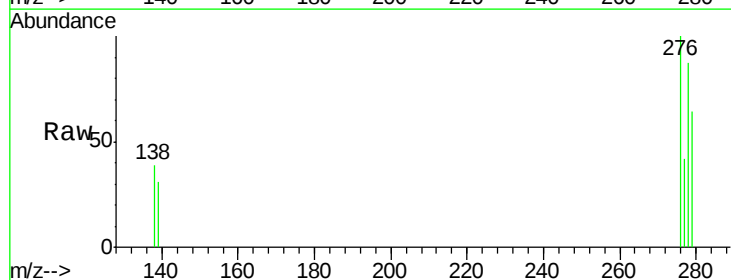
Tgt Ion:278 Resp: 1202

Ion Ratio Lower Upper

278 100

139 35.2 14.5 21.7#

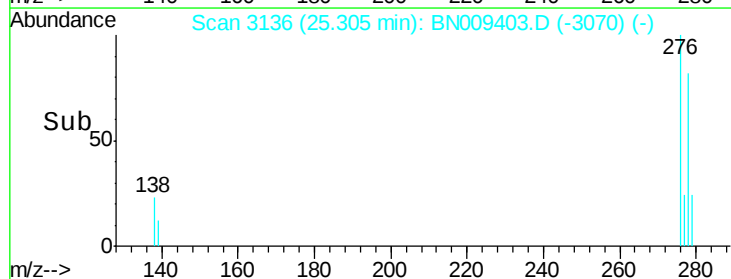
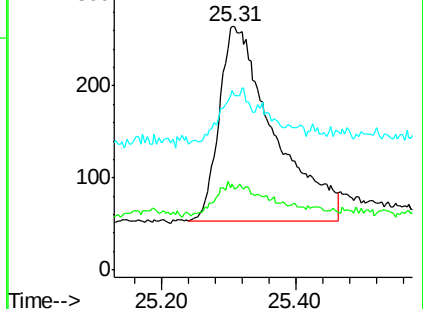
279 73.9 24.2 36.4#

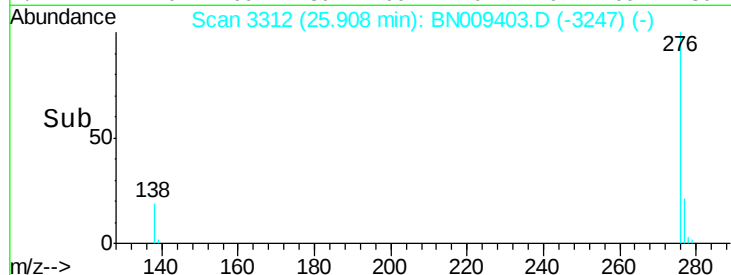
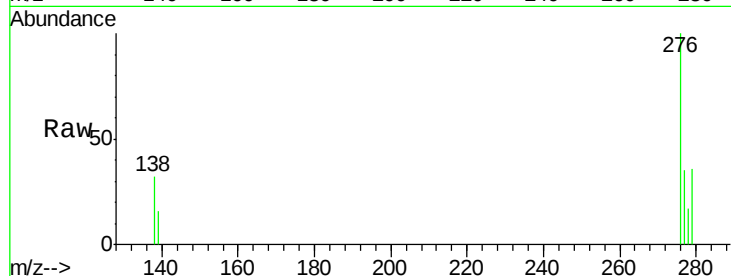
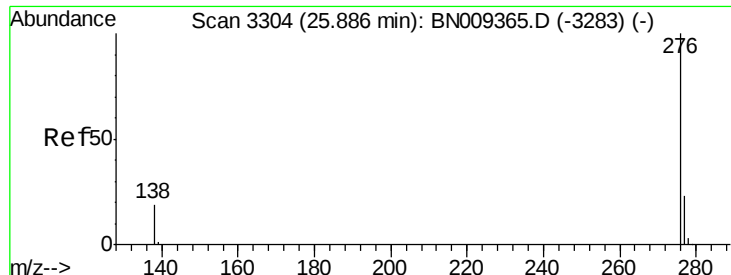


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.082 ng

RT: 25.91 min Scan# 3312

Delta R.T. 0.02 min

Lab File: BN009403.D

Acq: 20 Jan 2020 15:13

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 276 Resp: 1468

Ion Ratio Lower Upper

276 100

277 35.0 20.6 30.8#

138 32.1 17.1 25.7#

