

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071020\
 Data File : BN011138.D
 Acq On : 09 Jul 2020 18:38
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jul 09 19:07:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 15:33:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2006	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5669	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2877	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	5926	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5514	0.40	ng	0.00
36) Perylene-d12	23.24	264	6614	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1753	0.35	ng	0.00
5) Phenol-d6	6.72	99	2399	0.42	ng	0.00
8) Nitrobenzene-d5	8.66	82	2003	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	3803	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	503	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	5573	0.41	ng	0.00
27) Fluoranthene-d10	18.93	212	7214	0.40	ng	0.00
31) Terphenyl-d14	19.54	244	6039	0.42	ng	0.00

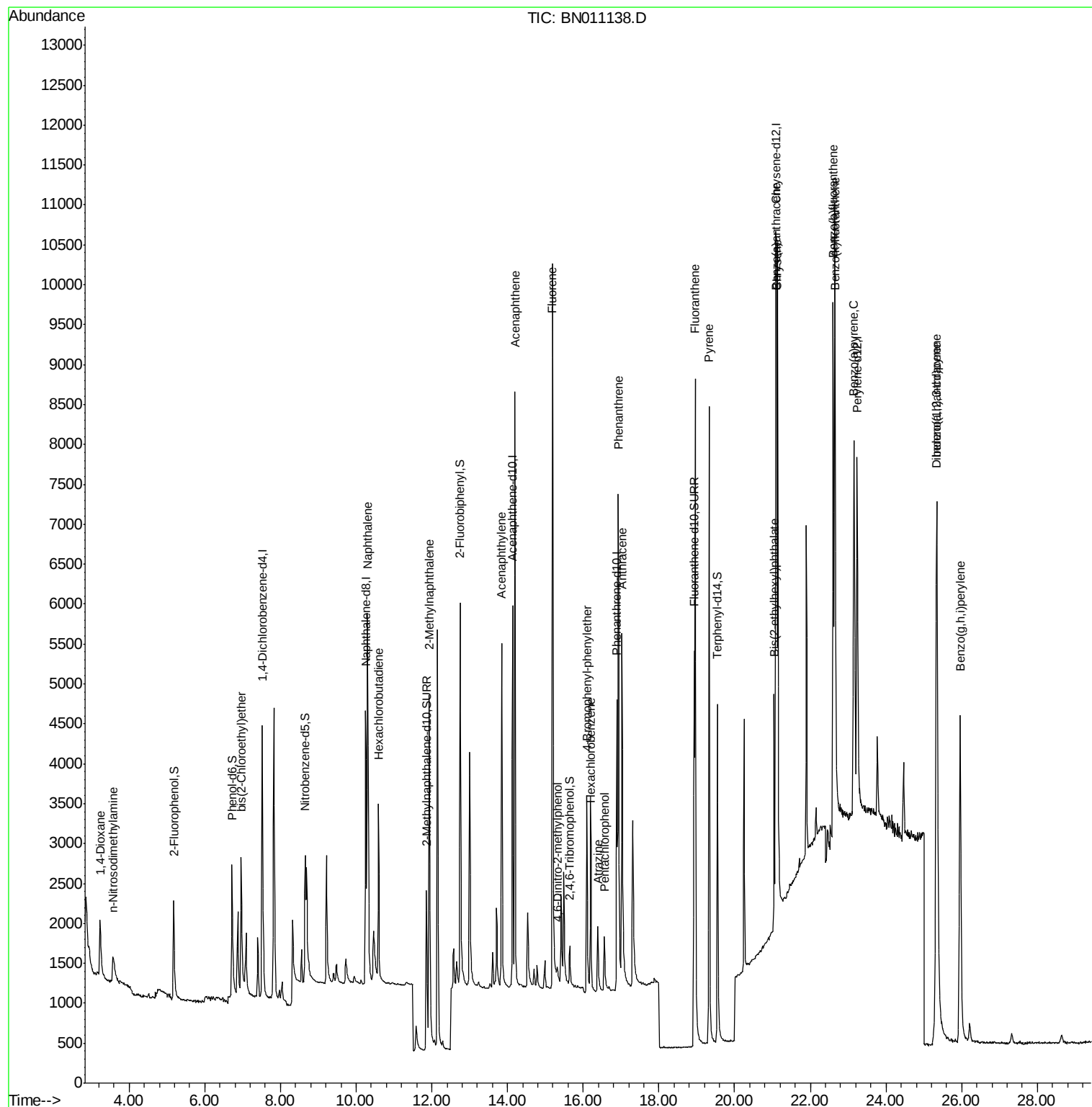
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	980	0.346	ng	98
3) n-Nitrosodimethylamine	3.58	42	503	0.352	ng	# 88
6) bis(2-Chloroethyl)ether	6.97	93	1992	0.382	ng	99
9) Naphthalene	10.30	128	6738	0.398	ng	99
10) Hexachlorobutadiene	10.60	225	1744	0.407	ng	# 99
12) 2-Methylnaphthalene	11.93	142	4390	0.388	ng	98
16) Acenaphthylene	13.84	152	5947	0.412	ng	99
17) Acenaphthene	14.20	154	3952	0.404	ng	98
18) Fluorene	15.19	166	5109	0.418	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	328	0.521	ng	87
21) 4-Bromophenyl-phenylether	16.10	248	1580	0.401	ng	# 84
22) Hexachlorobenzene	16.20	284	1857	0.400	ng	99
23) Atrazine	16.39	200	1107	0.398	ng	97
24) Pentachlorophenol	16.56	266	540	0.432	ng	96
25) Phenanthrene	16.92	178	7590	0.395	ng	100
26) Anthracene	17.02	178	6284	0.396	ng	99
28) Fluoranthene	18.96	202	8770	0.406	ng	99
30) Pyrene	19.32	202	8565	0.416	ng	100
32) Benzo(a)anthracene	21.09	228	6935	0.376	ng	99
33) Chrysene	21.13	228	9166	0.434	ng	98
34) Bis(2-ethylhexyl)phthalate	21.04	149	3169	0.425	ng	99
35) Indeno(1,2,3-cd)pyrene	25.33	276	10864	0.491	ng	98
37) Benzo(b)fluoranthene	22.61	252	8779	0.331	ng	98
38) Benzo(k)fluoranthene	22.65	252	11972	0.422	ng	98
39) Benzo(a)pyrene	23.15	252	9256	0.405	ng	98
40) Dibenzo(a,h)anthracene	25.35	278	8292	0.354	ng	98
41) Benzo(g,h,i)perylene	25.96	276	9120	0.354	ng	99

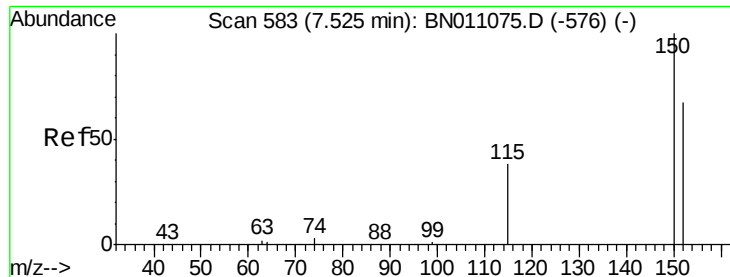
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071020\
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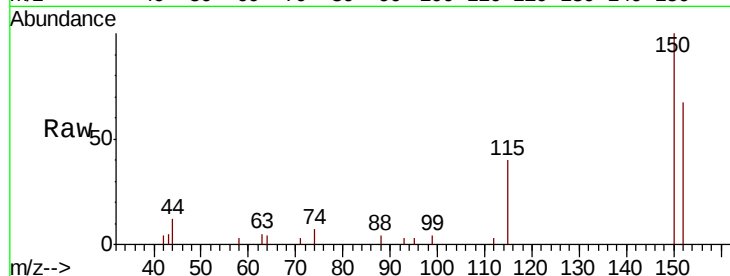


#1

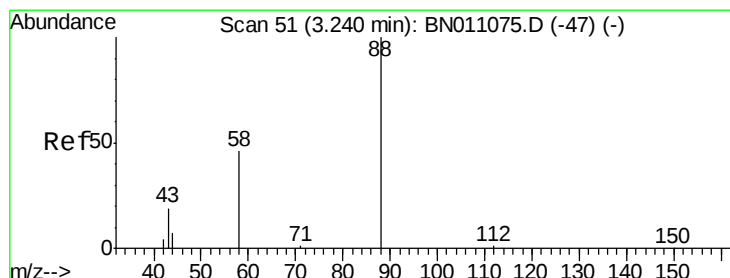
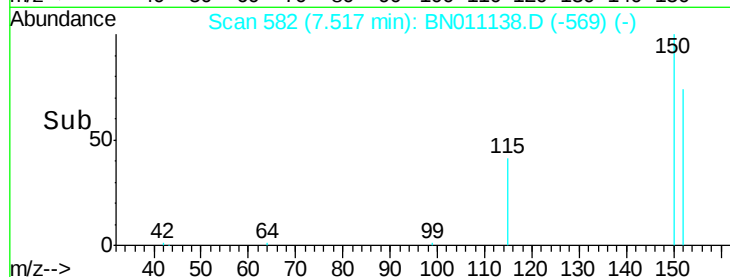
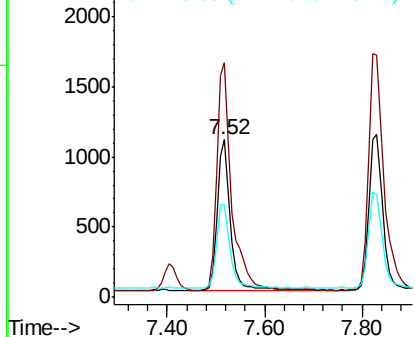
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.01 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2006
Ion Ratio Lower Upper
152 100
150 148.9 117.4 176.0
115 59.1 47.9 71.9



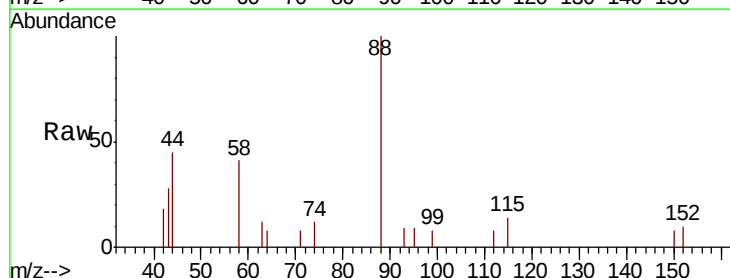
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



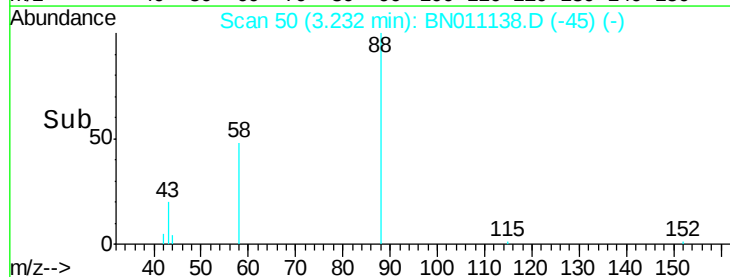
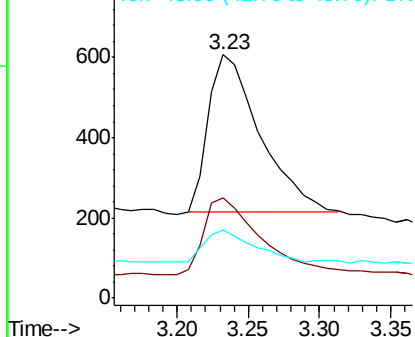
#2

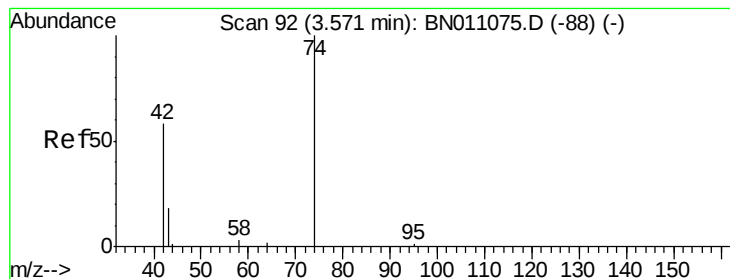
1,4-Dioxane
Concen: 0.346 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion: 88 Resp: 980
Ion Ratio Lower Upper
88 100
58 46.2 38.6 57.8
43 18.6 15.4 23.0



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: 0.352 ng

RT: 3.58 min Scan# 93

Delta R.T. 0.01 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

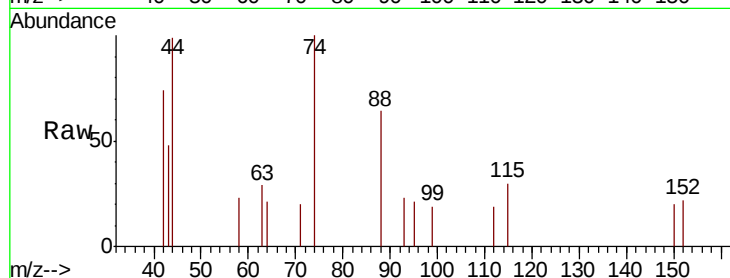
Tot Ion: 42 Resp: 503

Ion Ratio Lower Upper

42 100

74 160.8 142.5 213.7

44 5.0 0.0 0.0#



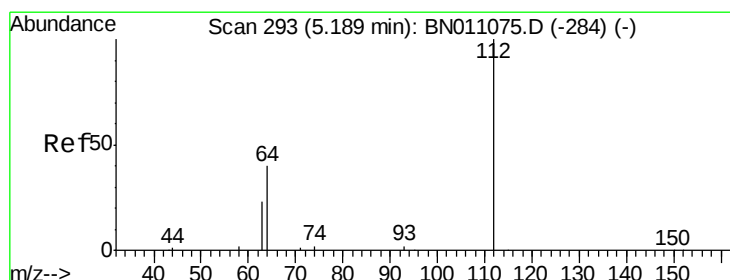
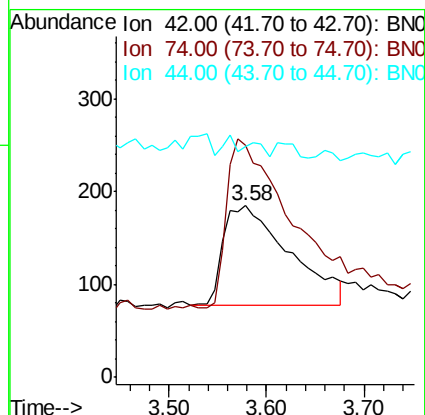
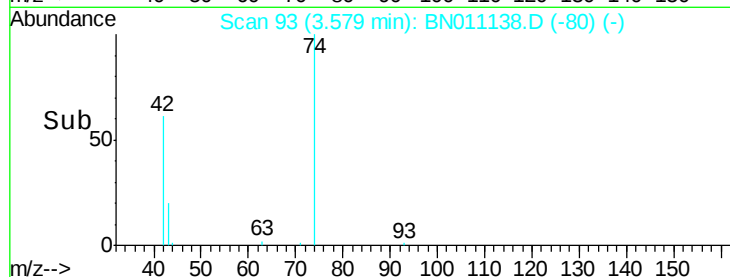
Abundance Ion 42.00 (41.70 to 42.70): BN011075.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN011075.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN011075.D (-88) (-)

3.58

Time-->



#4

2-Fluorophenol

Concen: 0.351 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

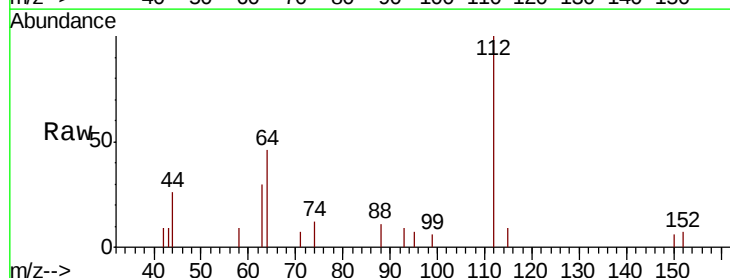
Tgt Ion: 112 Resp: 1753

Ion Ratio Lower Upper

112 100

64 44.5 36.5 54.7

63 26.3 20.6 30.8



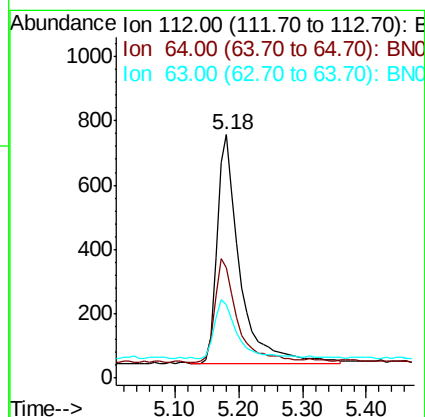
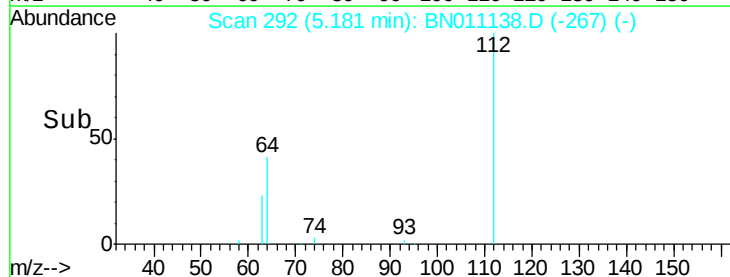
Abundance Ion 112.00 (111.70 to 112.70): BN011075.D (-284) (-)

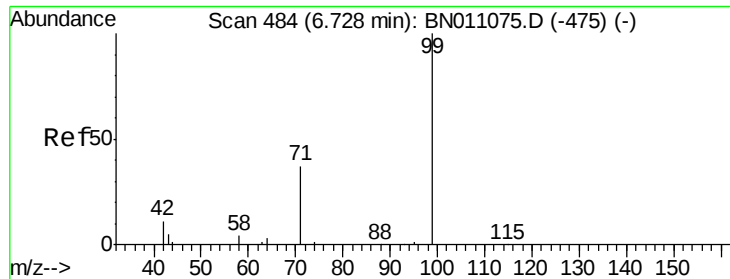
Ion 64.00 (63.70 to 64.70): BN011075.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BN011075.D (-284) (-)

5.18

Time-->





#5

Phenol-d6

Concen: 0.418 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

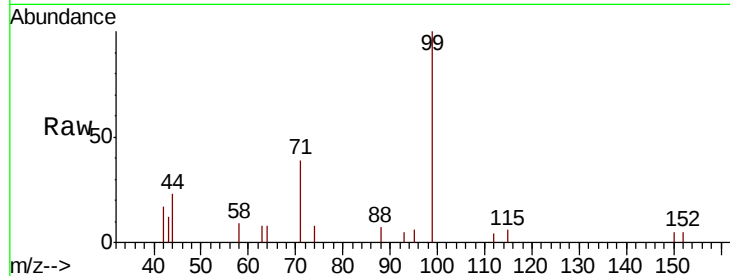
Tot Ion: 99 Resp: 2399

Ion Ratio Lower Upper

99 100

42 13.4 9.8 14.8

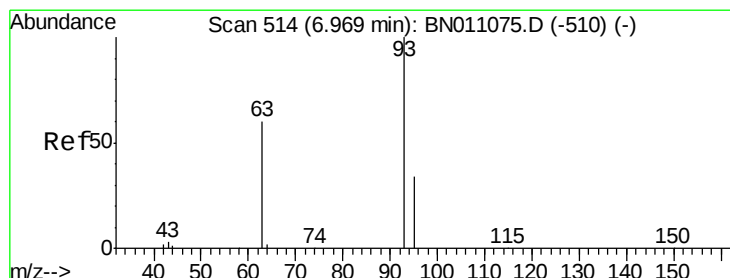
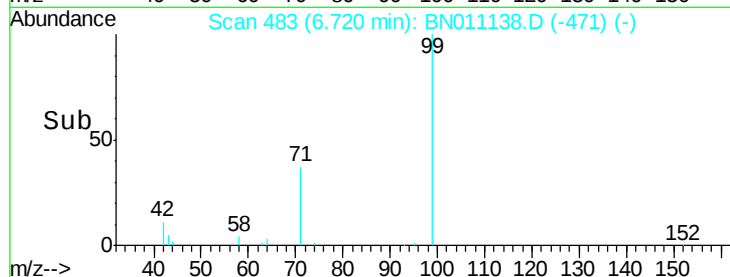
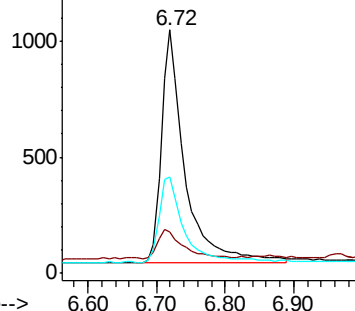
71 38.6 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011138.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN011138.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN011138.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.382 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.01 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

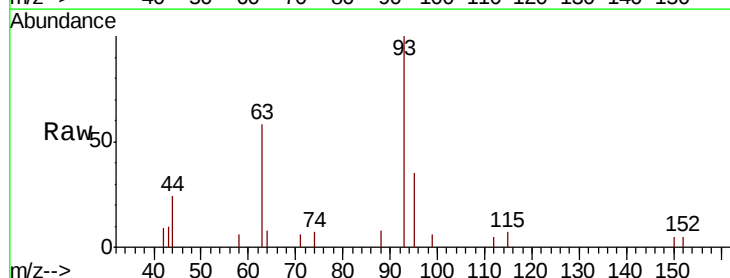
Tgt Ion: 93 Resp: 1992

Ion Ratio Lower Upper

93 100

63 59.8 47.4 71.2

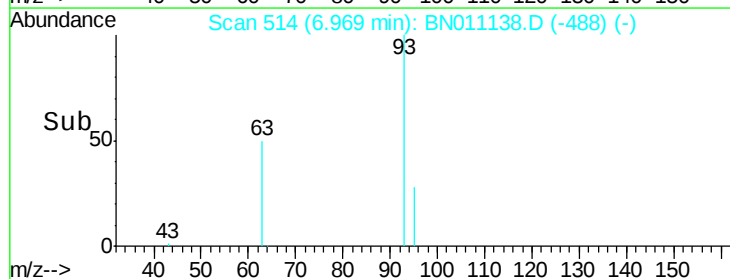
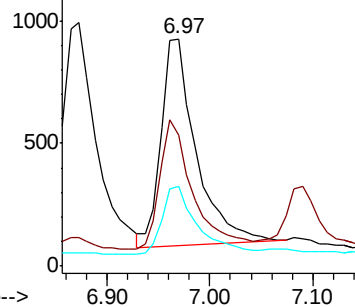
95 33.2 26.4 39.6

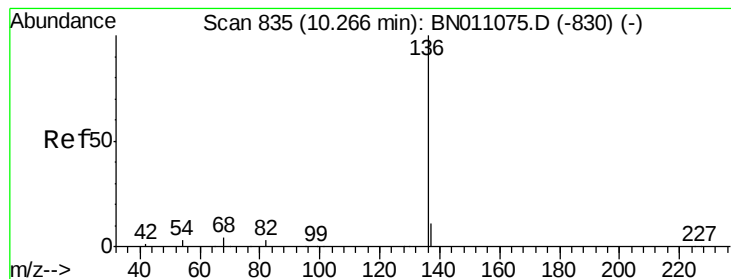


Abundance Ion 93.00 (92.70 to 93.70): BN011138.D (-488) (-)

Ion 63.00 (62.70 to 63.70): BN011138.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011138.D (-488) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5669

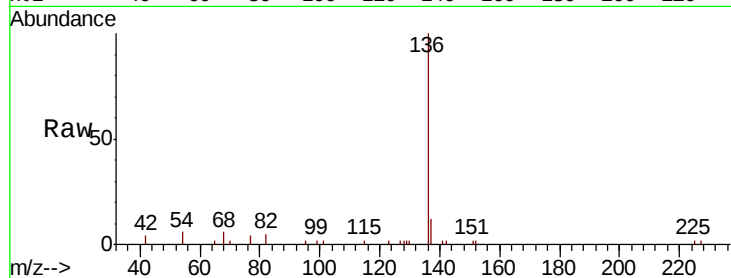
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 6.4 3.8 5.6#

68 6.3 4.3 6.5

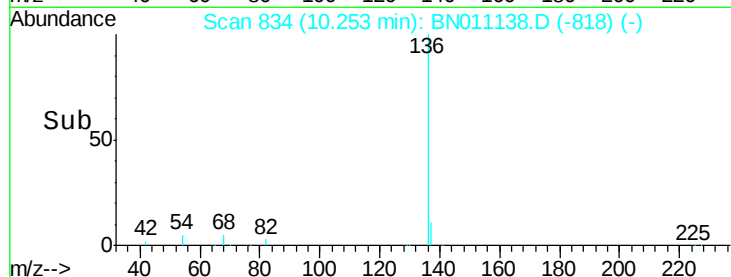


Abundance Ion 136.00 (135.70 to 136.70): E

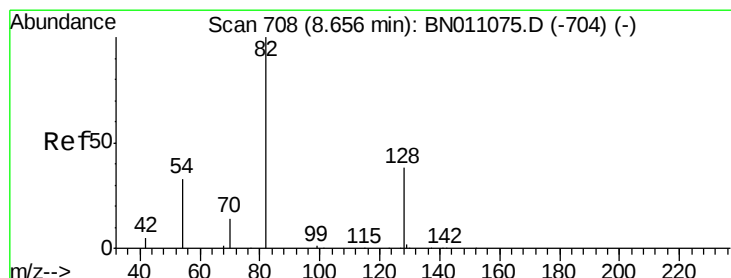
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.416 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

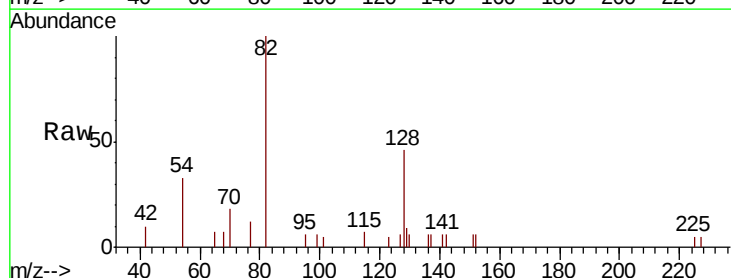
Tgt Ion: 82 Resp: 2003

Ion Ratio Lower Upper

82 100

128 45.8 34.2 51.2

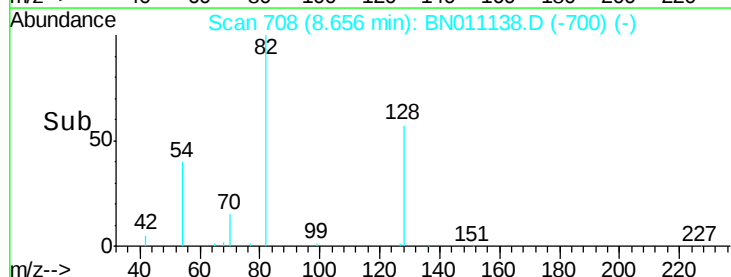
54 32.9 29.4 44.0



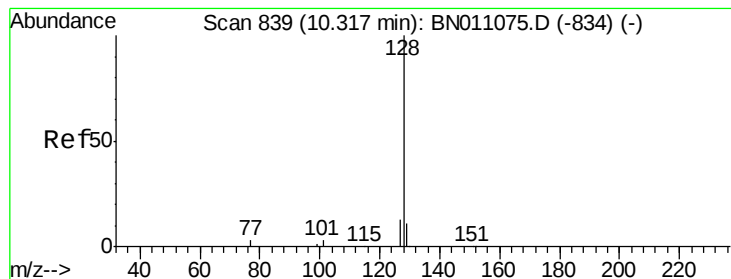
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.398 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

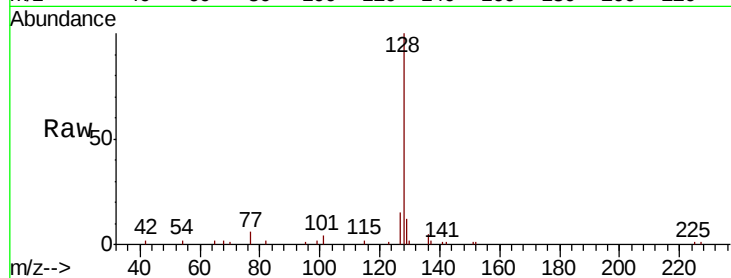
Tot Ion:128 Resp: 6738

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.8

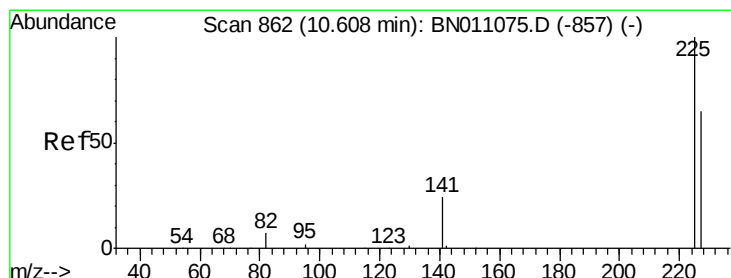
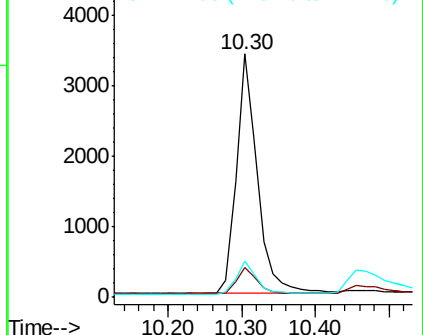
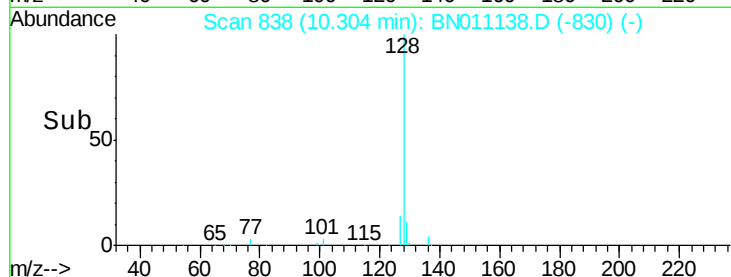
127 14.9 11.3 16.9



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: 0.407 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

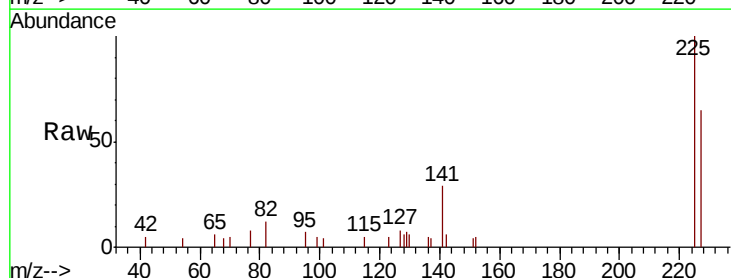
Tgt Ion:225 Resp: 1744

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

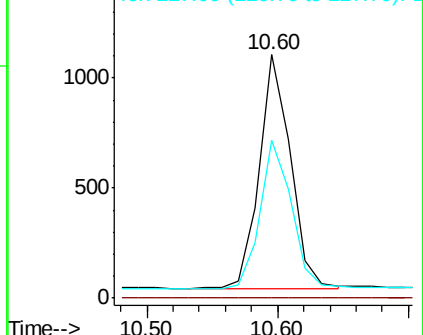
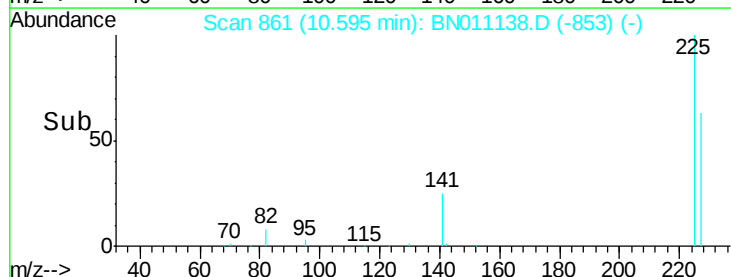
227 63.4 51.4 77.2

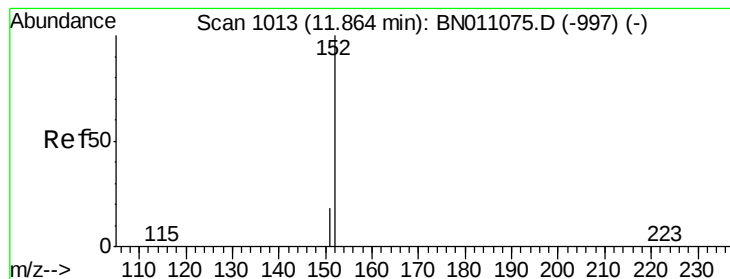


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

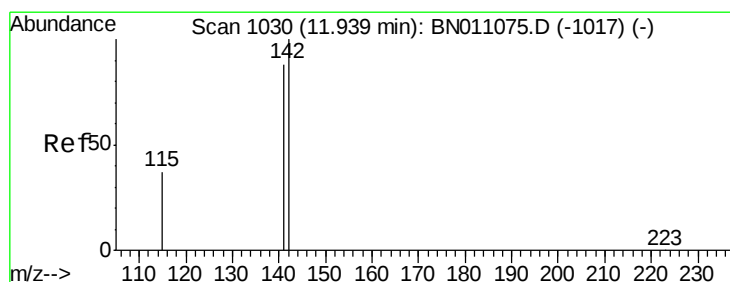
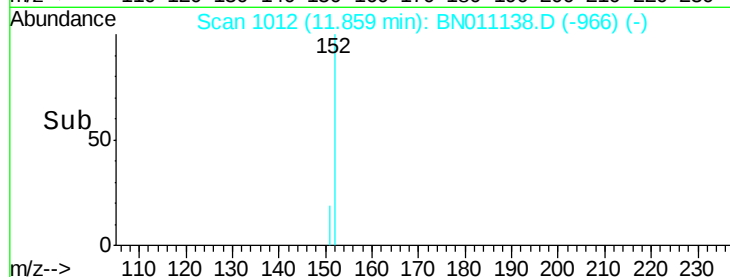
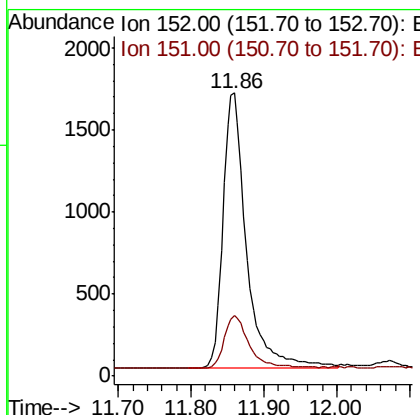
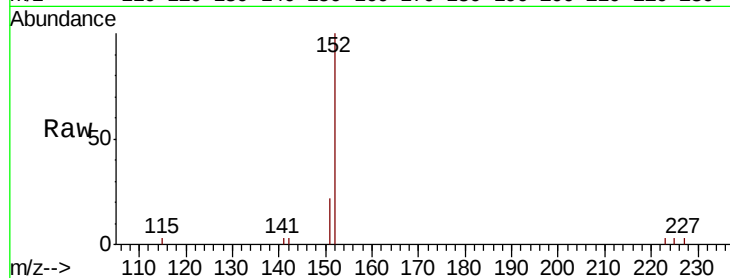




#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 11.86 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

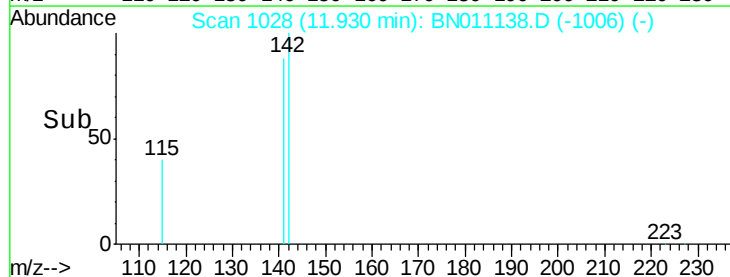
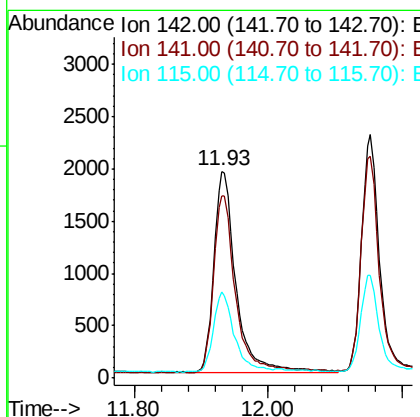
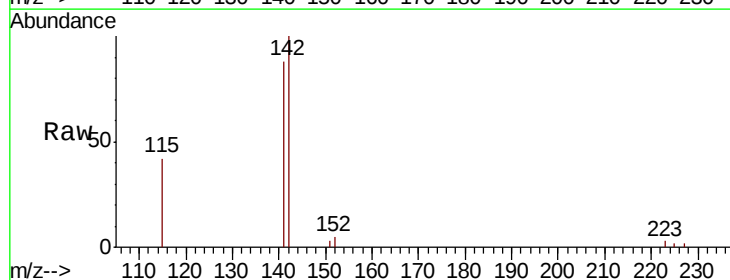
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

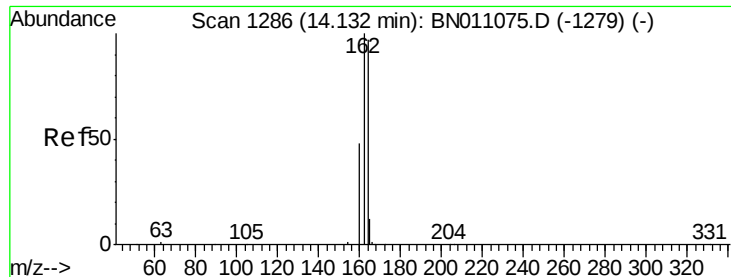
Tot Ion:152 Resp: 3803
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8



#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 11.93 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion:142 Resp: 4390
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 41.8 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

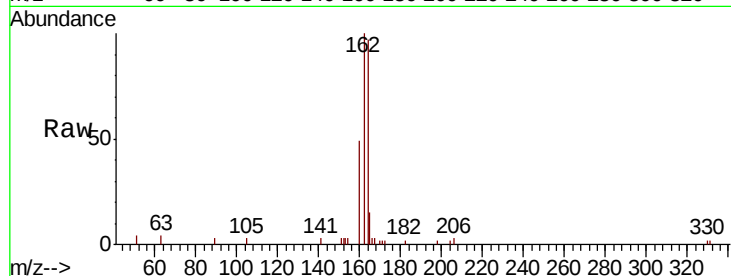
Tot Ion:164 Resp: 2877

Ion Ratio Lower Upper

164 100

162 103.2 82.3 123.5

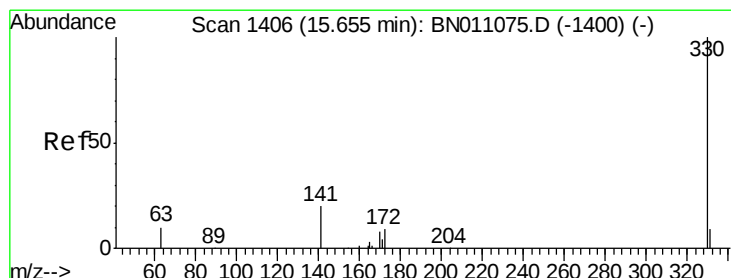
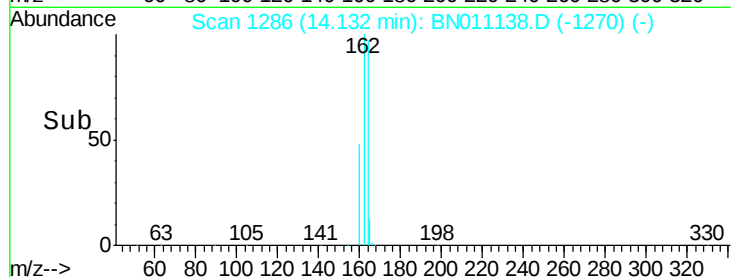
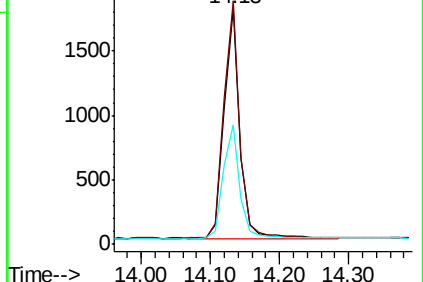
160 50.6 40.6 61.0



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: 0.416 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

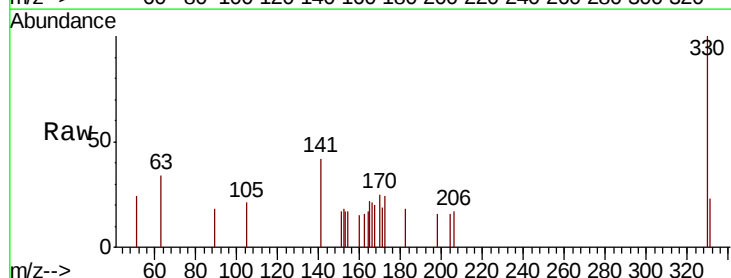
Tgt Ion:330 Resp: 503

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

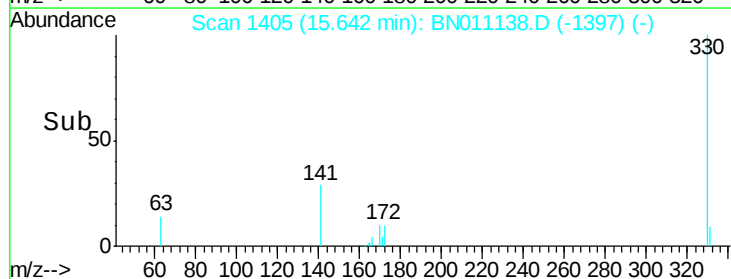
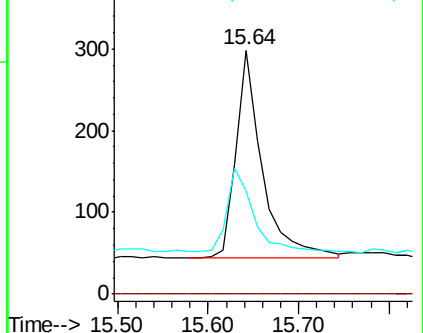
141 40.4 32.6 49.0

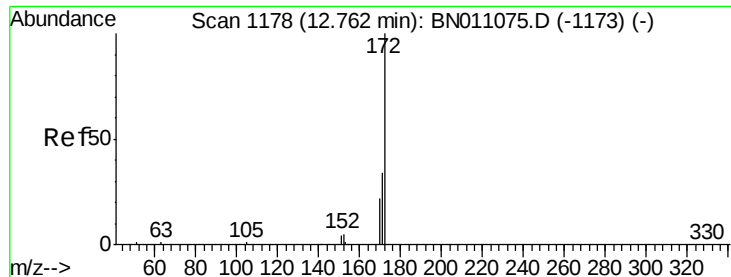


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

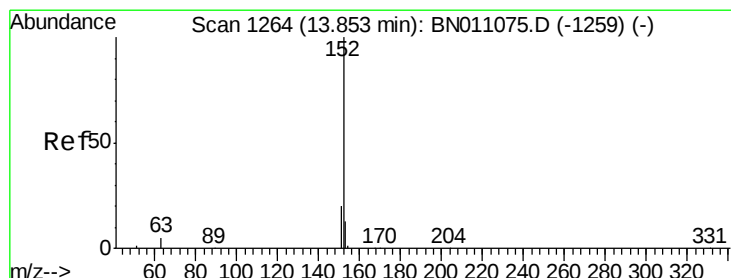
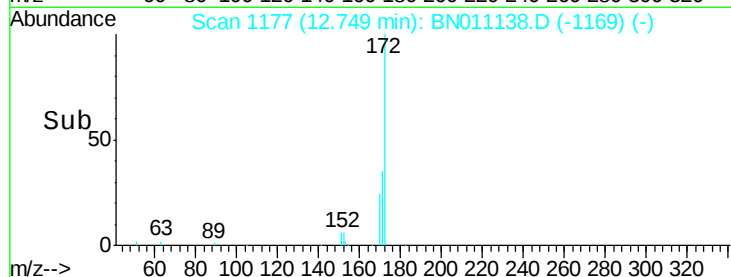
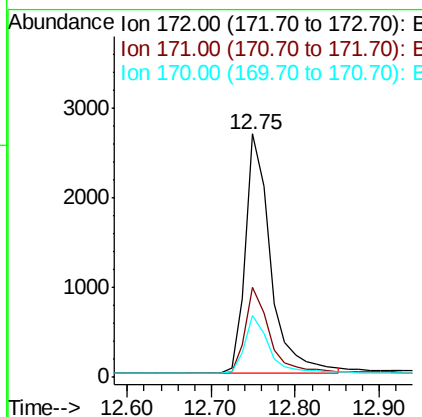
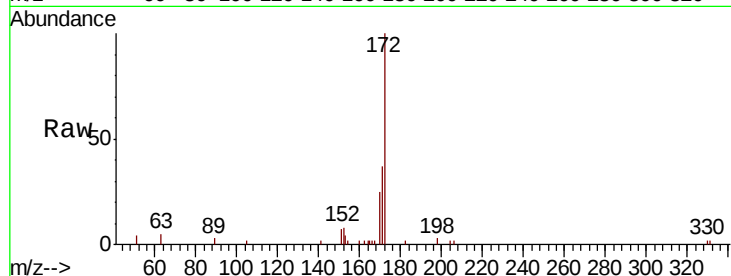




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

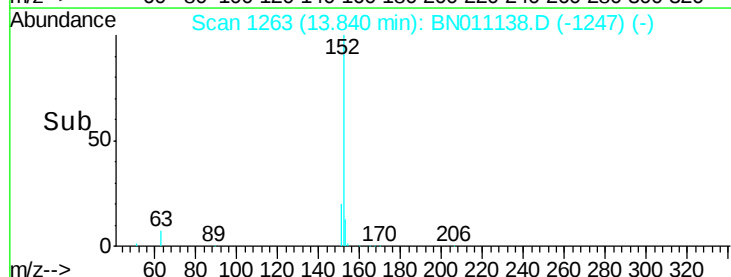
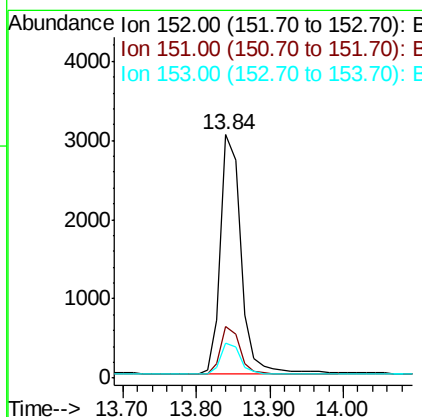
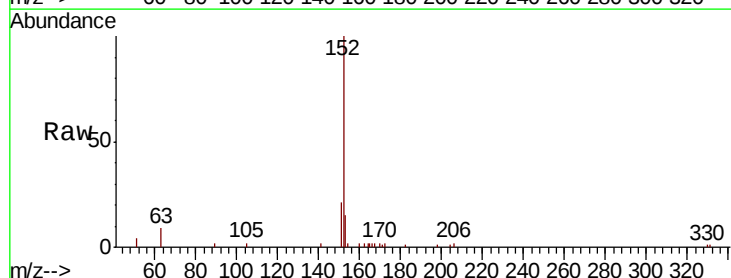
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

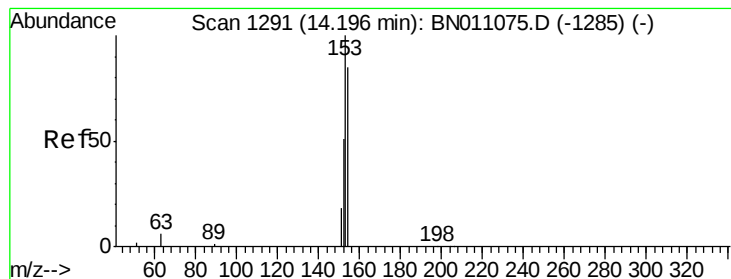
Tot Ion:172 Resp: 5573
Ion Ratio Lower Upper
172 100
171 36.7 27.9 41.9
170 25.4 18.7 28.1



#16
Acenaphthylene
Concen: 0.412 ng
RT: 13.84 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion:152 Resp: 5947
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.0 10.8 16.2





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

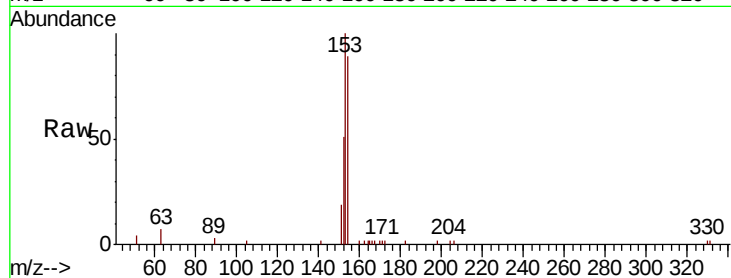
Tot Ion:154 Resp: 3952

Ion Ratio Lower Upper

154 100

153 116.4 91.7 137.5

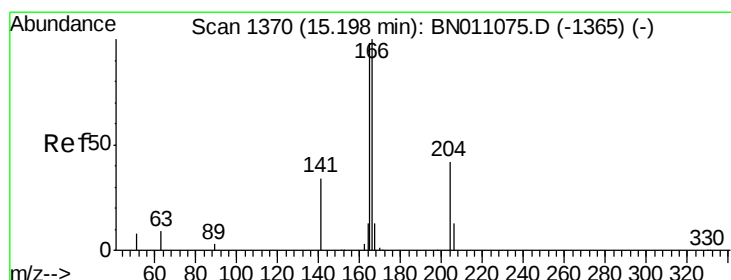
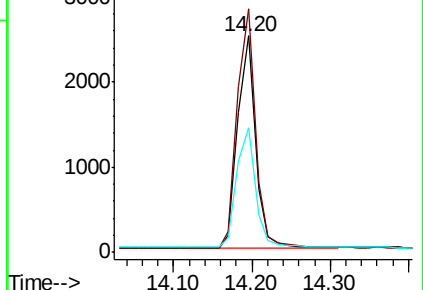
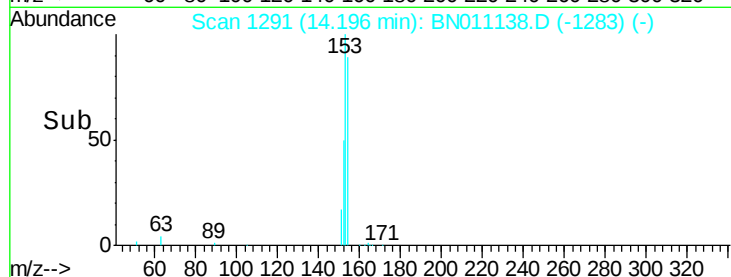
152 60.0 46.8 70.2



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: 0.418 ng

RT: 15.19 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

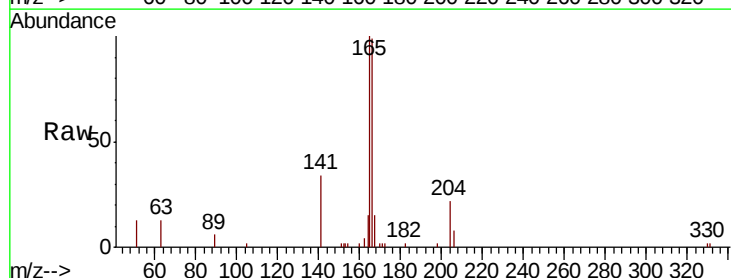
Tgt Ion:166 Resp: 5109

Ion Ratio Lower Upper

166 100

165 99.2 78.9 118.3

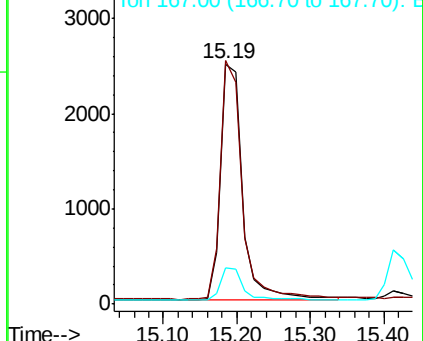
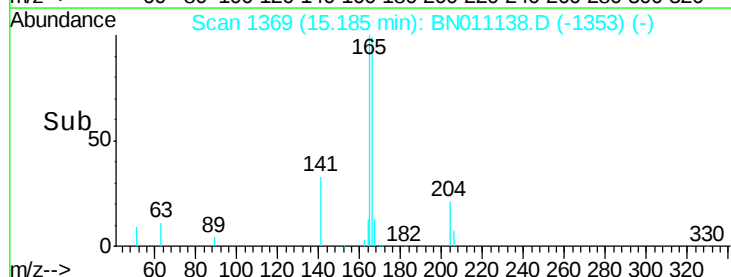
167 13.6 10.9 16.3

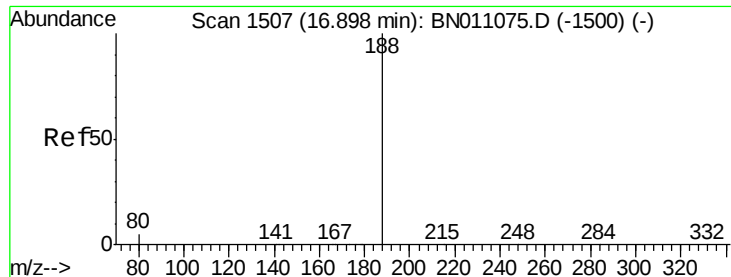


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

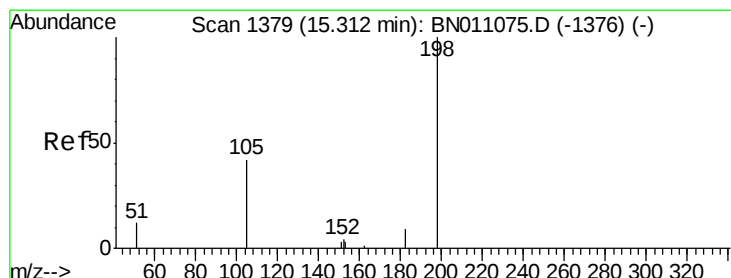
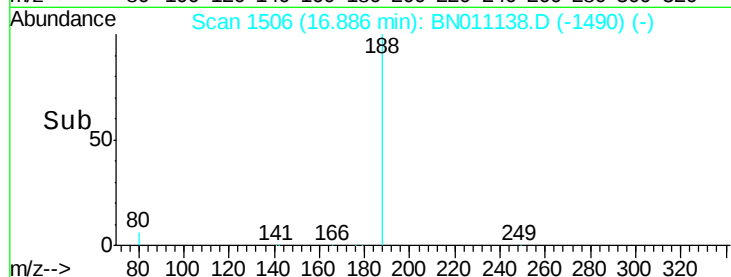
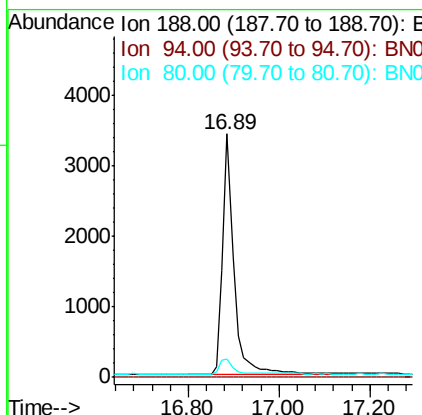
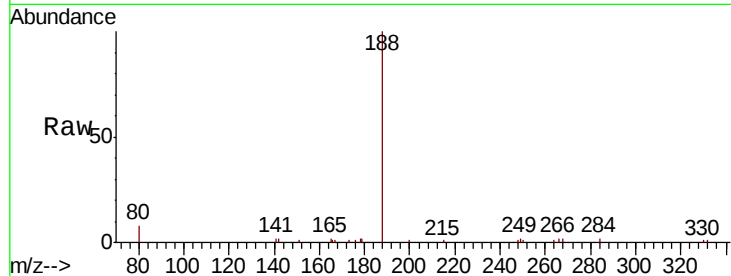




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

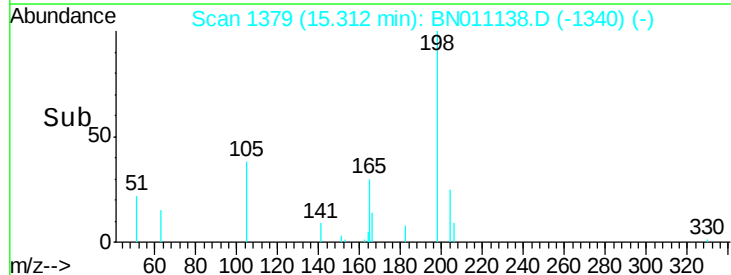
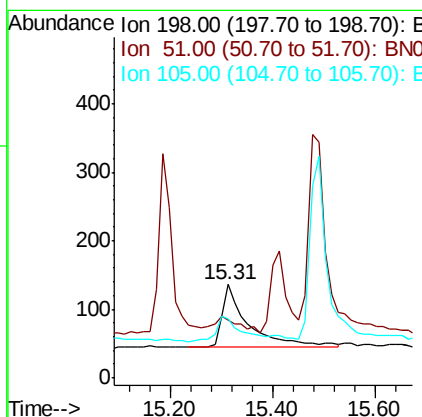
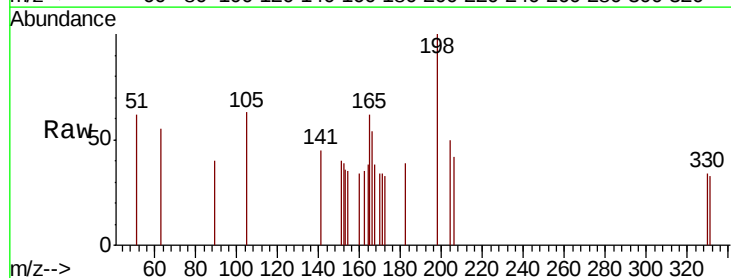
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

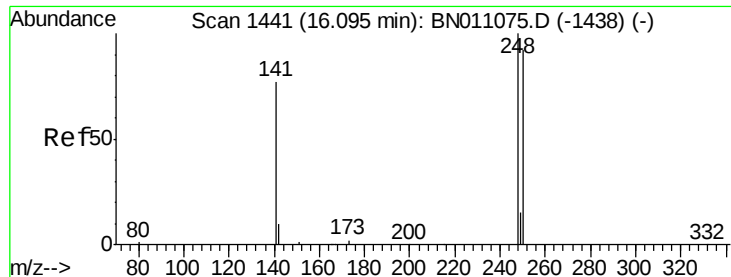
Tot Ion:188 Resp: 5926
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 5.3 7.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.521 ng
RT: 15.31 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion:198 Resp: 328
Ion Ratio Lower Upper
198 100
51 61.8 58.2 87.4
105 63.2 59.0 88.4

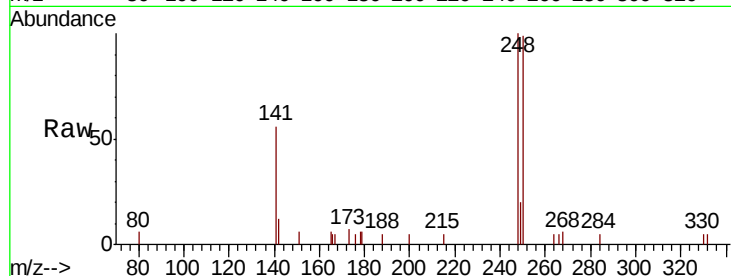




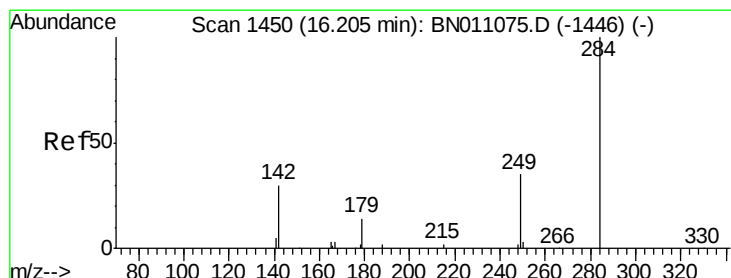
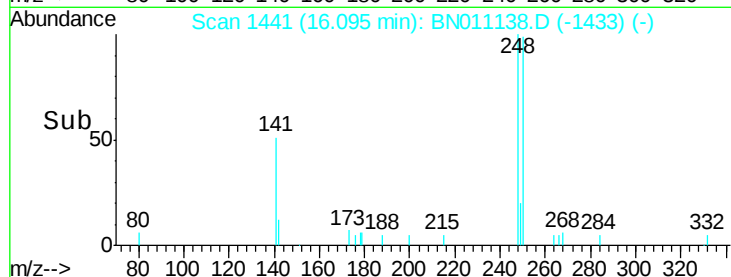
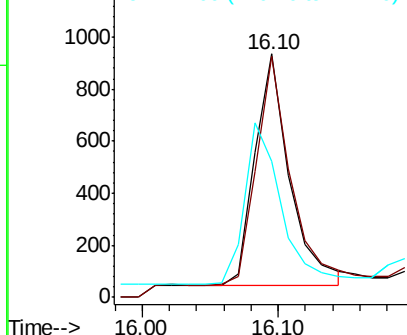
#21
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 1580
Ion Ratio Lower Upper
248 100
250 98.9 73.8 110.8
141 56.0 63.1 94.7#

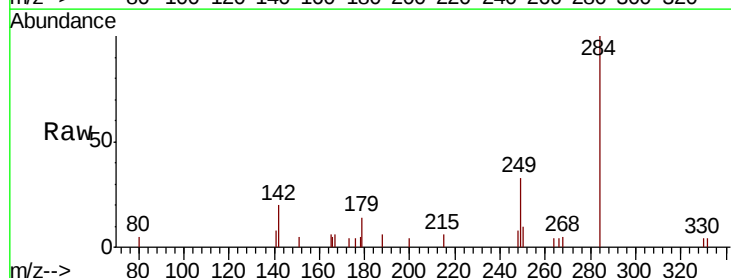


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

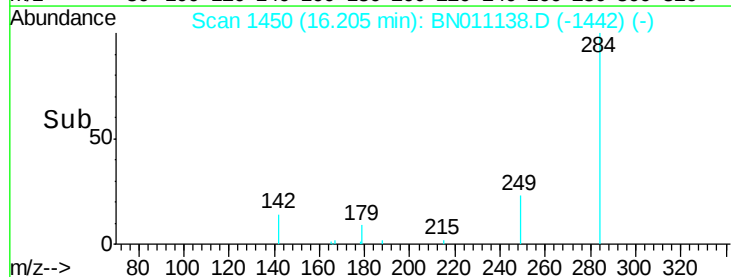
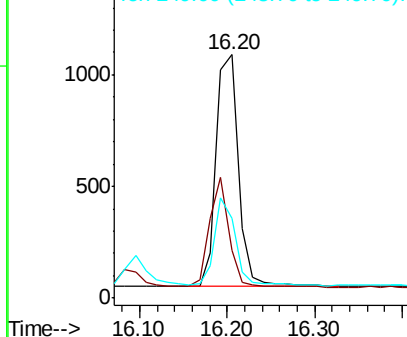


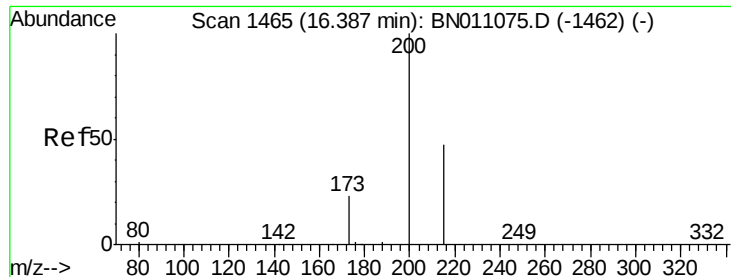
#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion:284 Resp: 1857
Ion Ratio Lower Upper
284 100
142 41.7 33.3 49.9
249 35.3 27.4 41.2



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





#23

Atrazine

Concen: 0.398 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

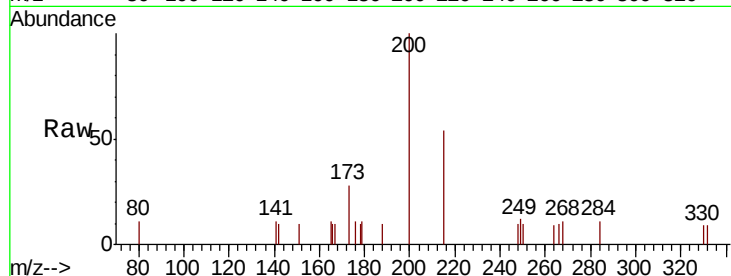
Tot Ion:200 Resp: 1107

Ion Ratio Lower Upper

200 100

173 28.3 22.8 34.2

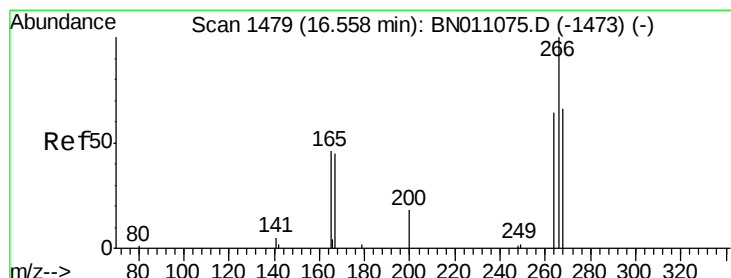
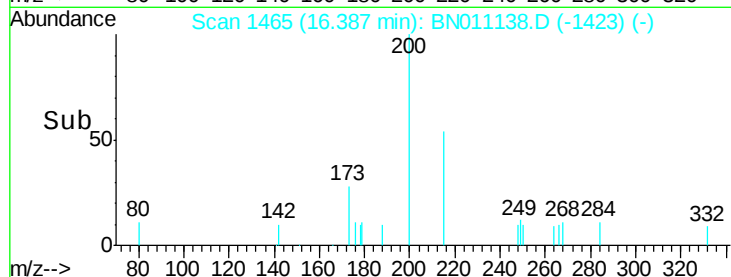
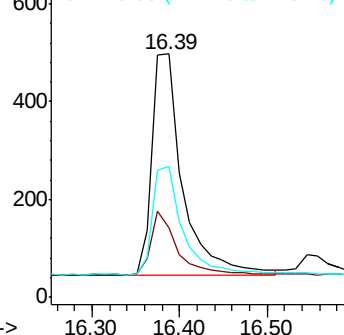
215 54.0 40.7 61.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.432 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

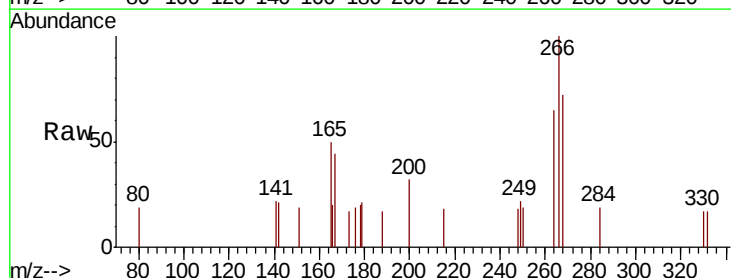
Tgt Ion:266 Resp: 540

Ion Ratio Lower Upper

266 100

264 57.4 47.4 71.0

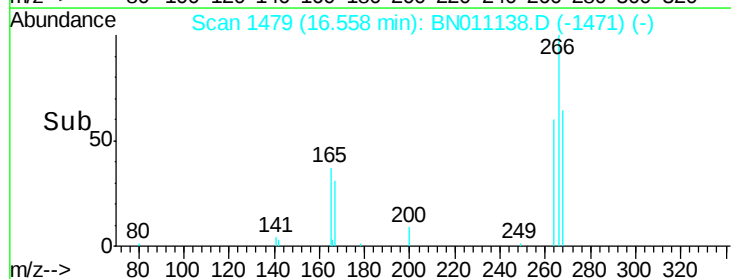
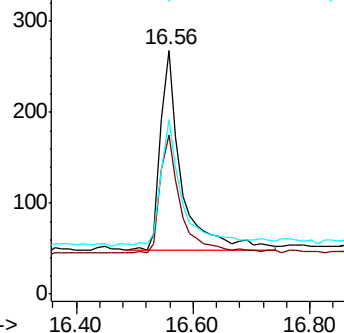
268 64.1 55.0 82.4

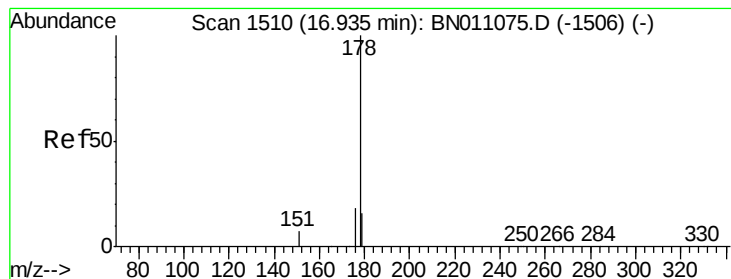


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.395 ng

RT: 16.92 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

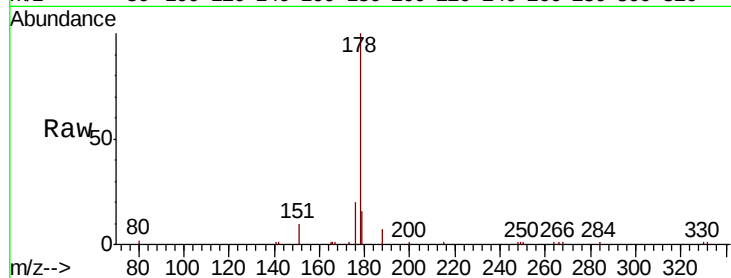
Tot Ion:178 Resp: 7590

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

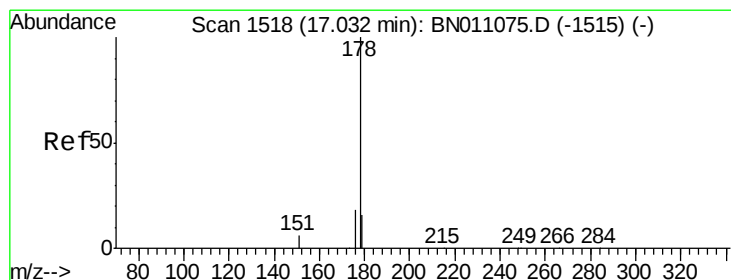
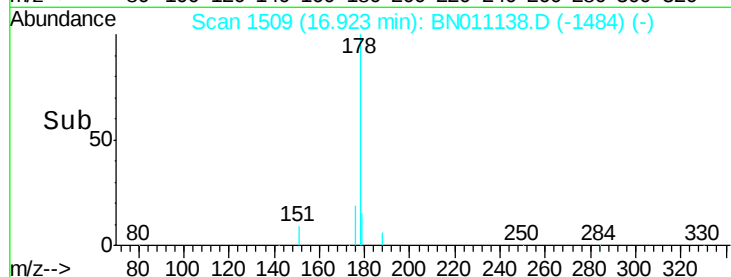
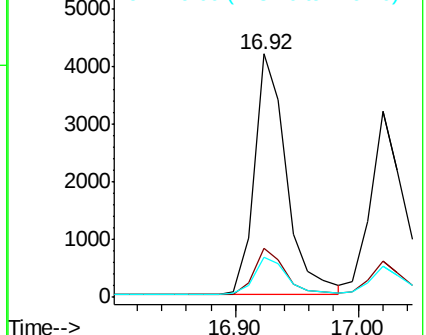
179 15.4 12.5 18.7



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



#26

Anthracene

Concen: 0.396 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

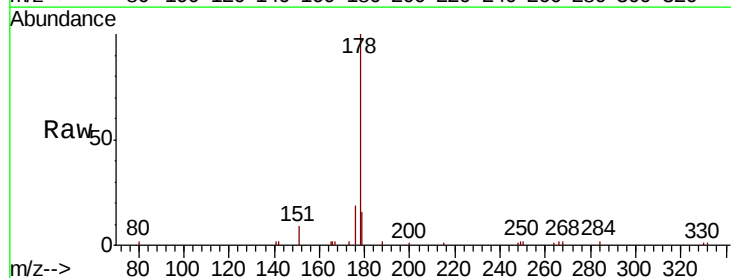
Tgt Ion:178 Resp: 6284

Ion Ratio Lower Upper

178 100

176 18.1 14.2 21.4

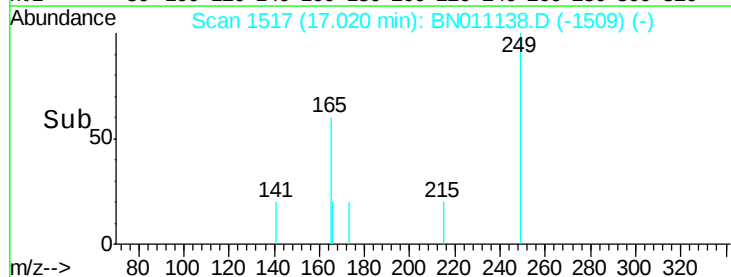
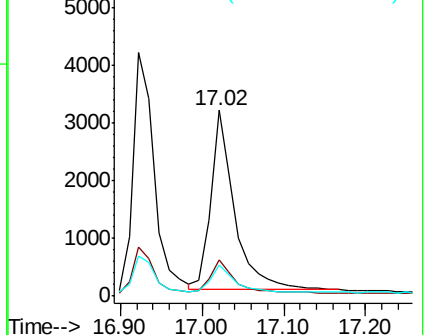
179 14.8 12.2 18.2

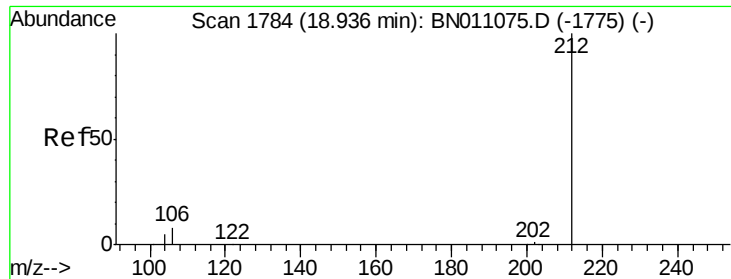


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

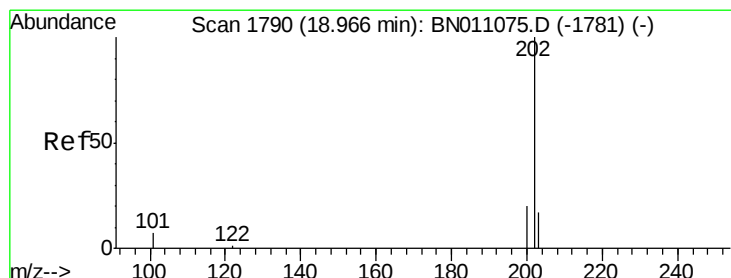
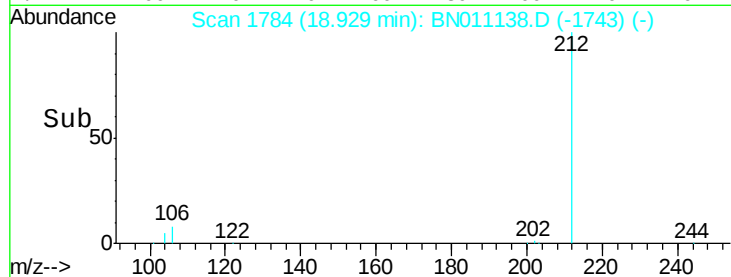
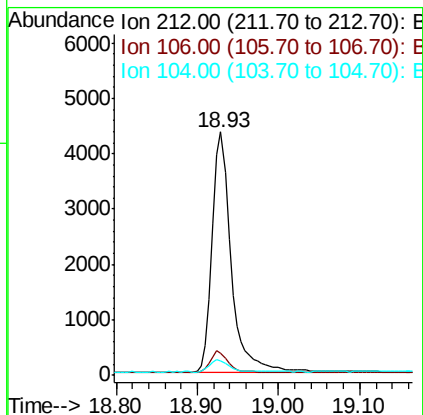
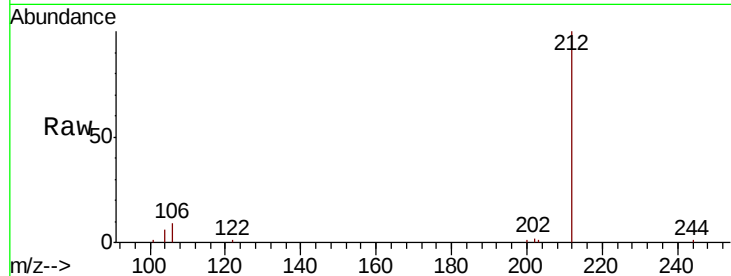




#27
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 18.93 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BN011138.D
 Acq: 09 Jul 2020 18:38

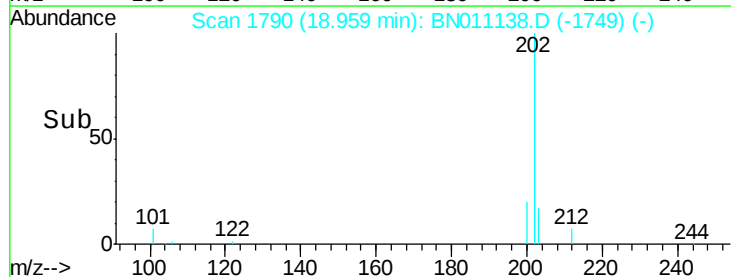
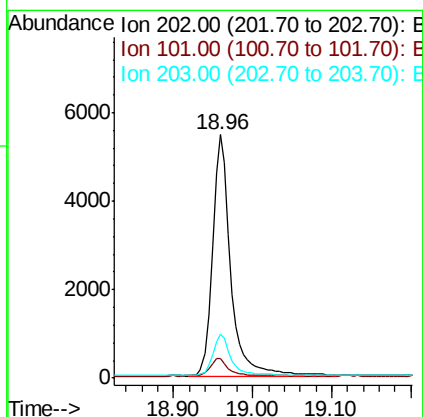
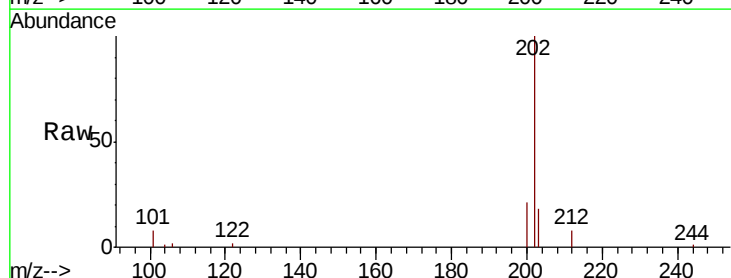
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

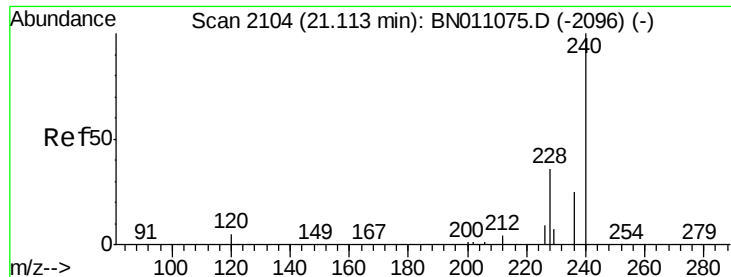
Tot Ion:212 Resp: 7214
 Ion Ratio Lower Upper
 212 100
 106 8.4 7.1 10.7
 104 5.4 4.2 6.4



#28
 Fluoranthene
 Concen: 0.406 ng
 RT: 18.96 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BN011138.D
 Acq: 09 Jul 2020 18:38

Tgt Ion:202 Resp: 8770
 Ion Ratio Lower Upper
 202 100
 101 7.4 6.3 9.5
 203 17.3 13.5 20.3

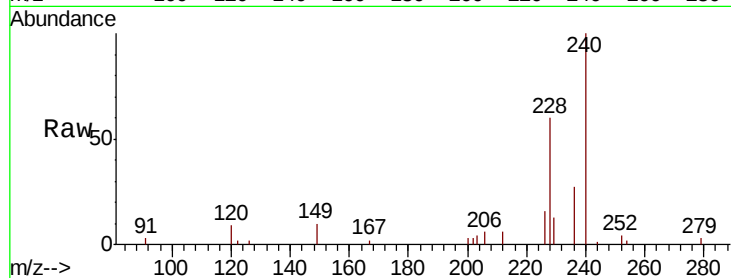




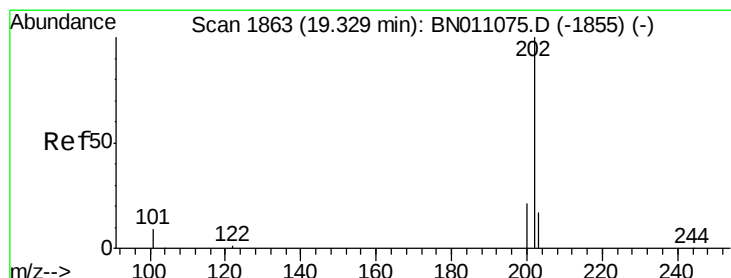
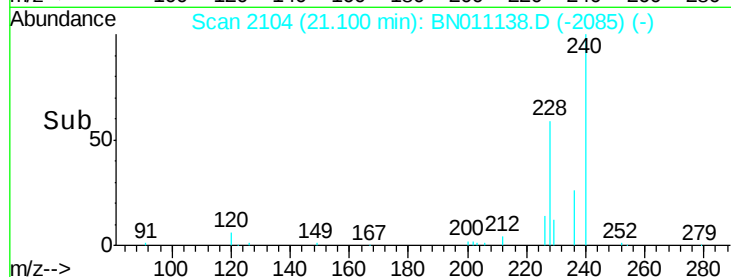
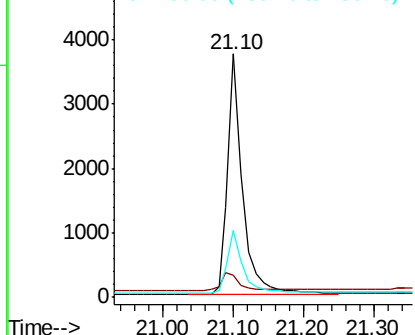
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 5514
Ion Ratio Lower Upper
240 100
120 9.0 6.5 9.7
236 27.3 21.9 32.9

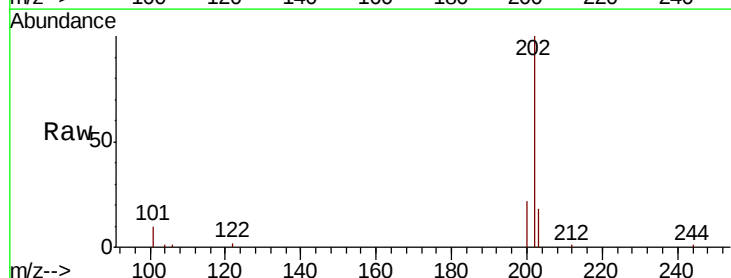


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

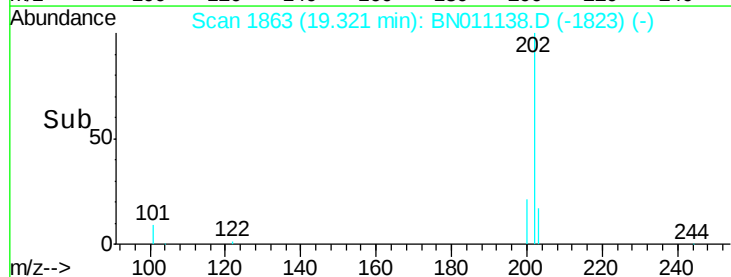
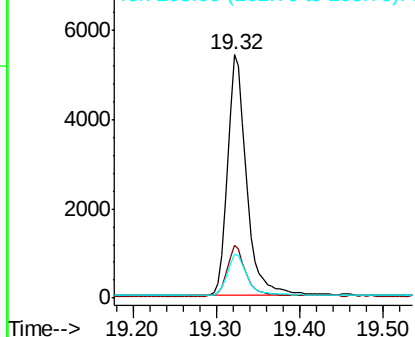


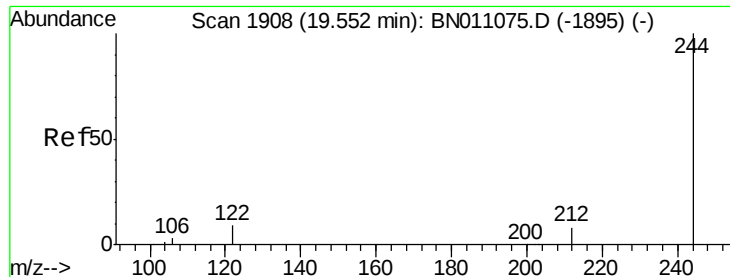
#30
Pyrene
Concen: 0.416 ng
RT: 19.32 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion:202 Resp: 8565
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.7 14.2 21.4



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

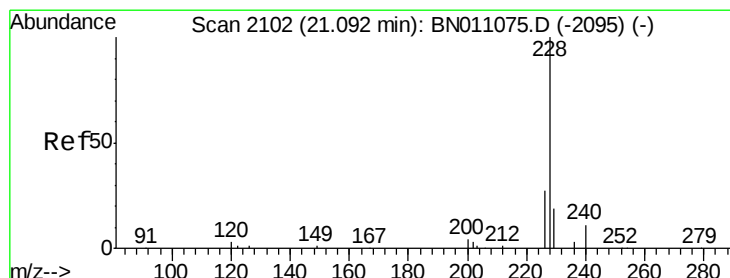
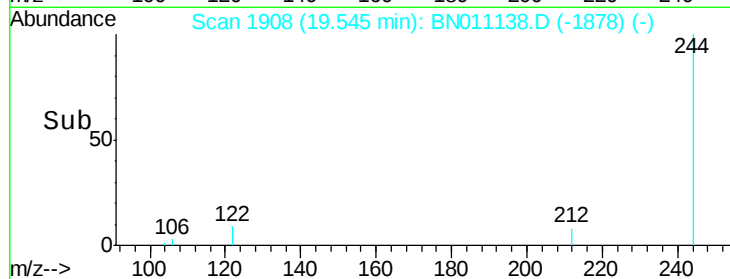
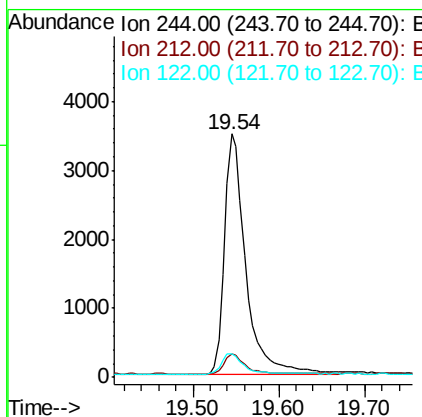
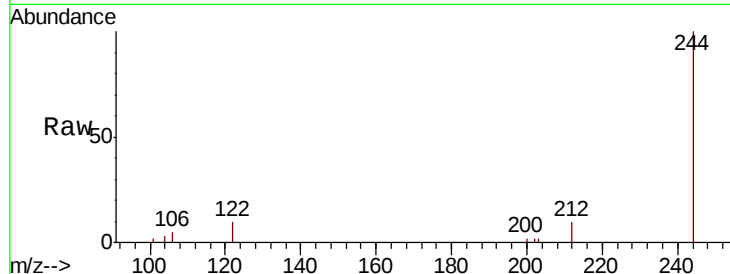




#31
 Terphenyl-d14
 Concen: 0.421 ng
 RT: 19.54 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BN011138.D
 Acq: 09 Jul 2020 18:38

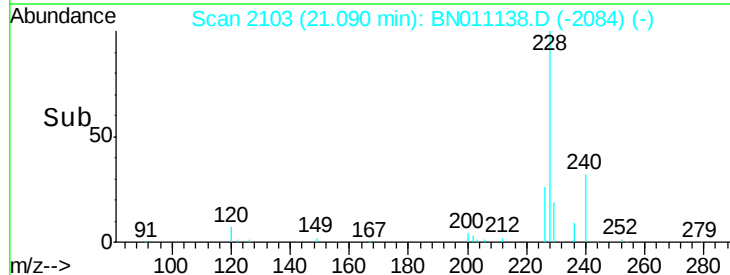
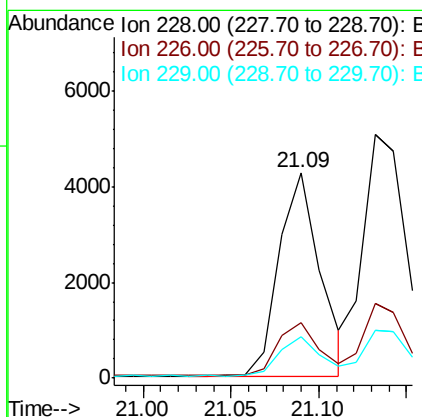
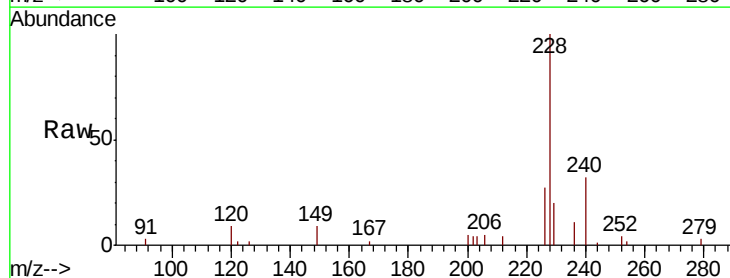
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

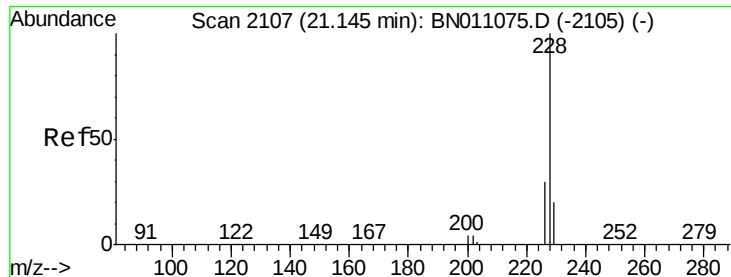
Tot Ion:244 Resp: 6039
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.5 11.3
 122 9.9 8.2 12.4



#32
 Benzo(a)anthracene
 Concen: 0.376 ng
 RT: 21.09 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BN011138.D
 Acq: 09 Jul 2020 18:38

Tgt Ion:228 Resp: 6935
 Ion Ratio Lower Upper
 228 100
 226 26.8 22.0 33.0
 229 20.3 16.1 24.1

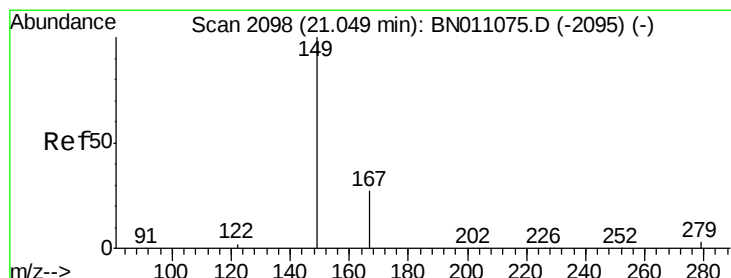
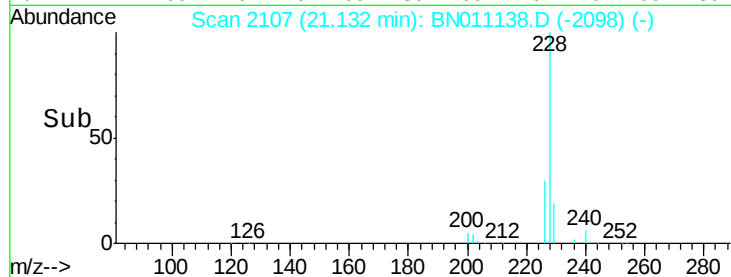
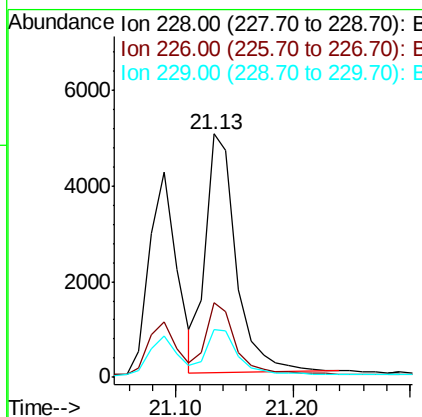
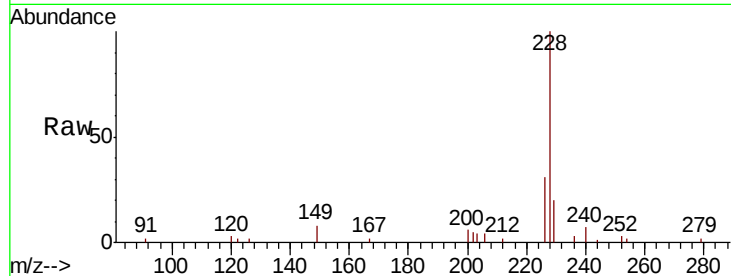




#33
Chrysene
Concen: 0.434 ng
RT: 21.13 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

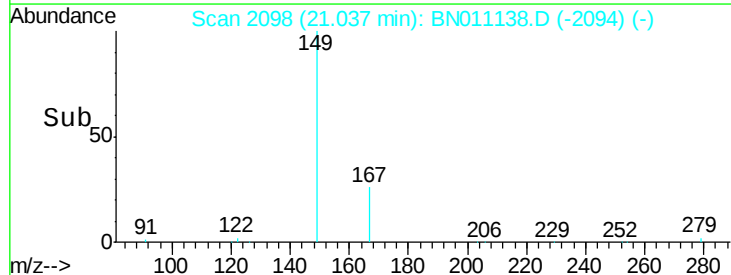
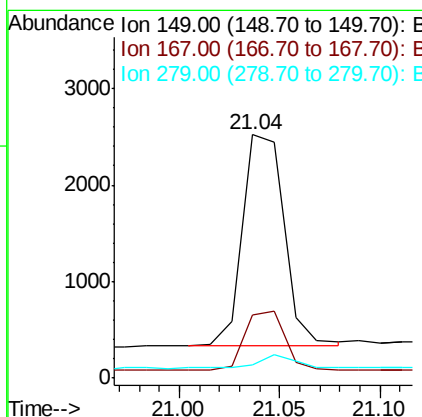
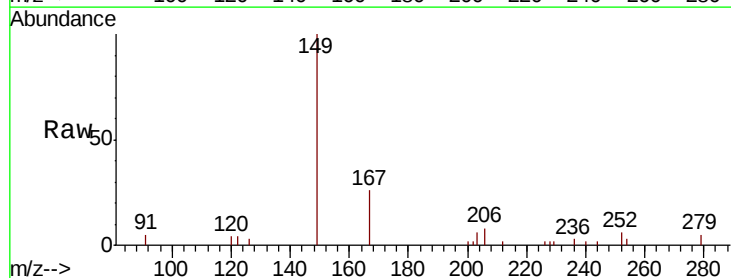
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

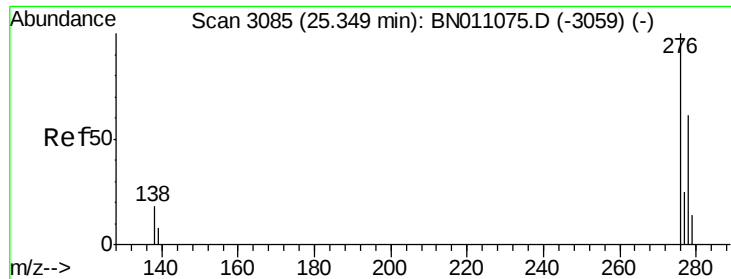
Tot Ion:228 Resp: 9166
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 19.5 16.4 24.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.425 ng
RT: 21.04 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion:149 Resp: 3169
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.4
279 5.1 4.5 6.7

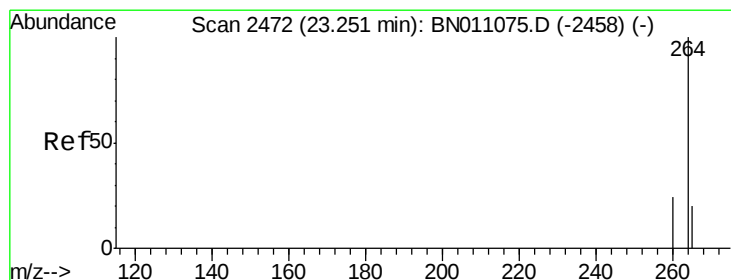
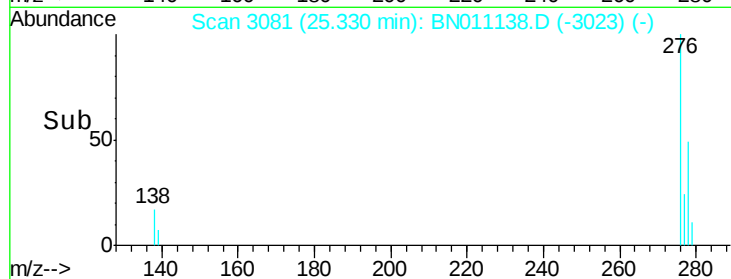
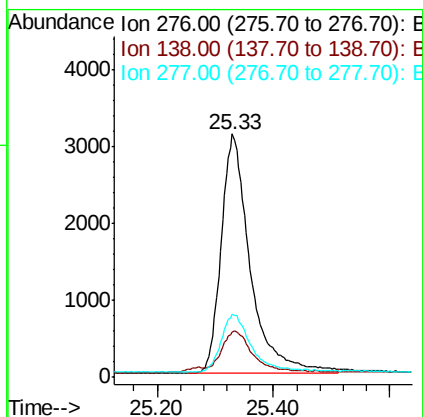
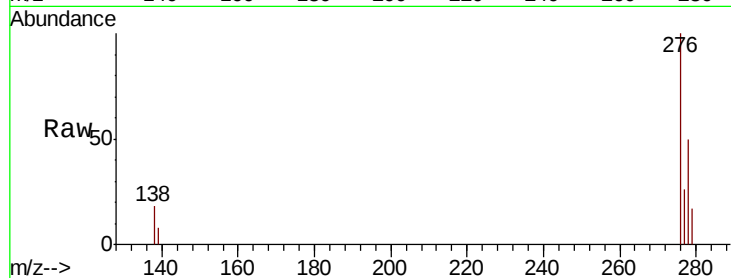




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.491 ng
RT: 25.33 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

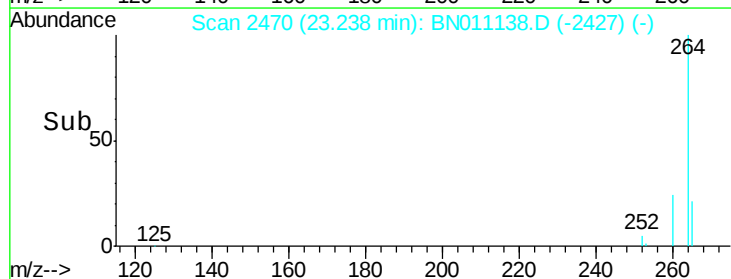
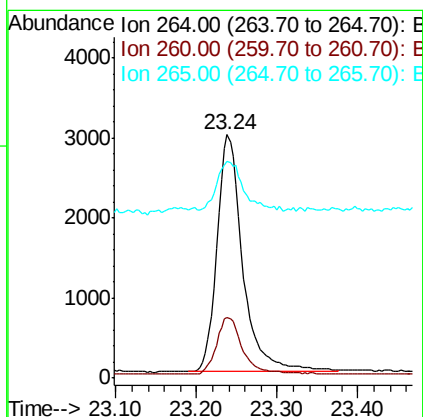
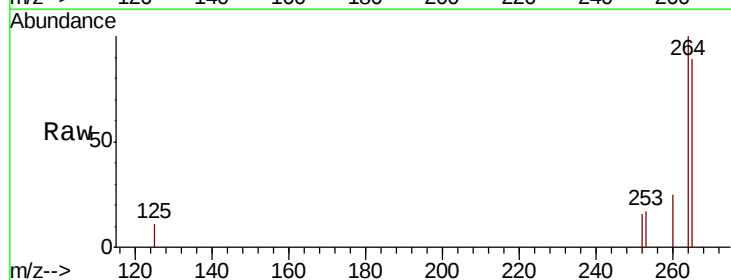
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

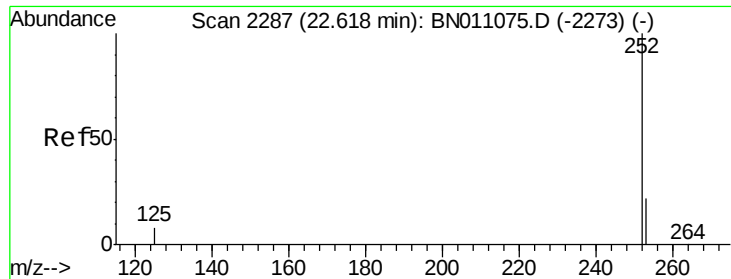
Tot Ion:276 Resp: 10864
Ion Ratio Lower Upper
276 100
138 17.1 15.4 23.0
277 24.5 19.4 29.0



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.24 min Scan# 2470
Delta R.T. -0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion:264 Resp: 6614
Ion Ratio Lower Upper
264 100
260 24.6 20.4 30.6
265 88.8 83.0 124.6

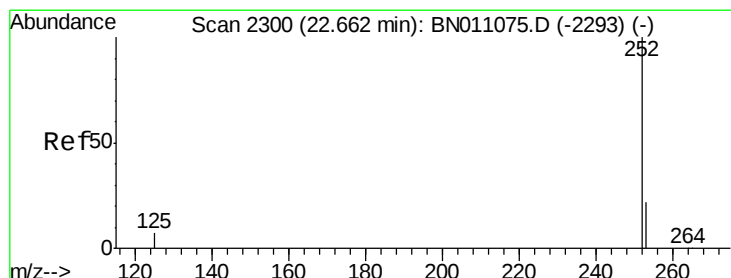
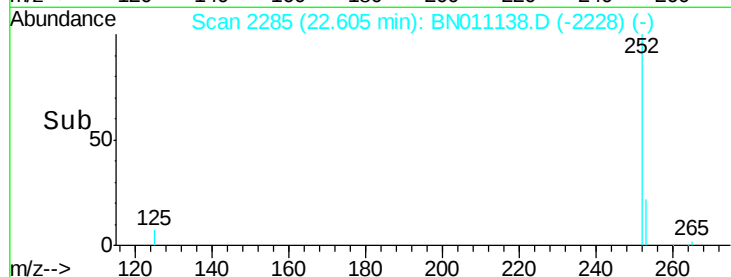
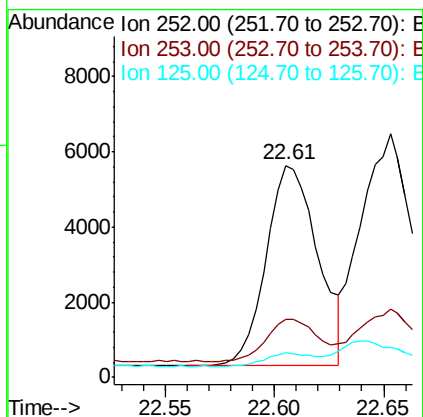
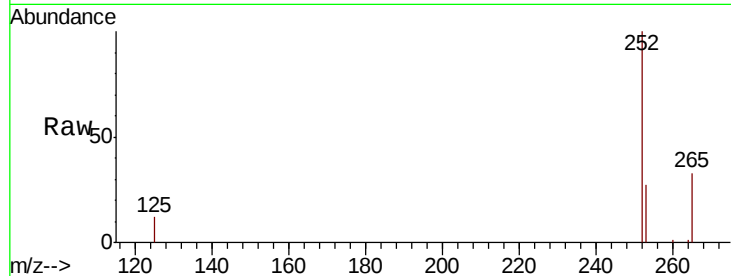




#37
Benzo(b)fluoranthene
Concen: 0.331 ng
RT: 22.61 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

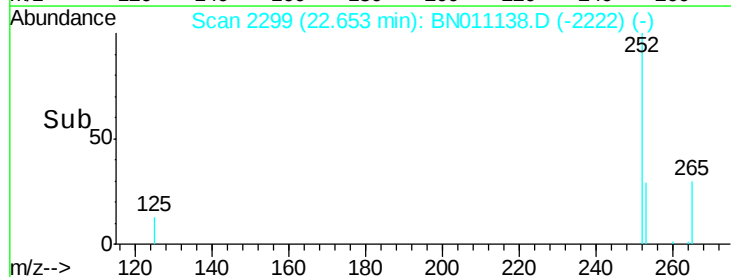
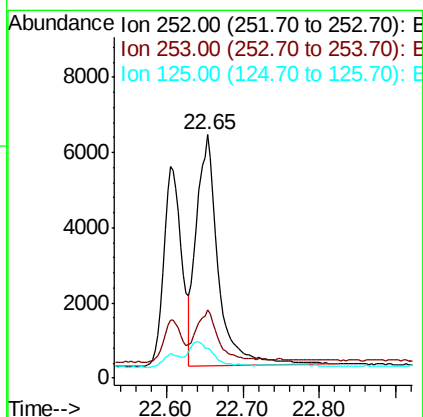
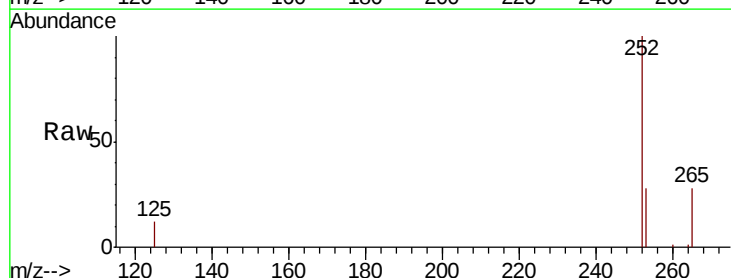
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

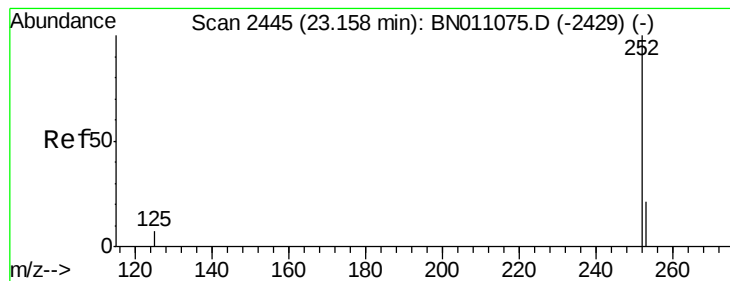
Tot Ion:252 Resp: 8779
Ion Ratio Lower Upper
252 100
253 27.4 22.7 34.1
125 11.6 10.4 15.6



#38
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 22.65 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BN011138.D
Acq: 09 Jul 2020 18:38

Tgt Ion:252 Resp: 11972
Ion Ratio Lower Upper
252 100
253 27.8 22.9 34.3
125 12.4 10.6 15.8





#39

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.15 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

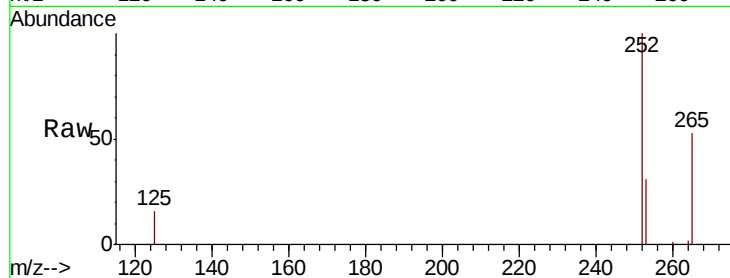
Tot Ion:252 Resp: 9256

Ion Ratio Lower Upper

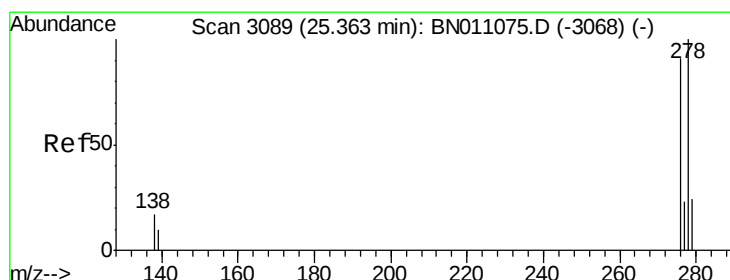
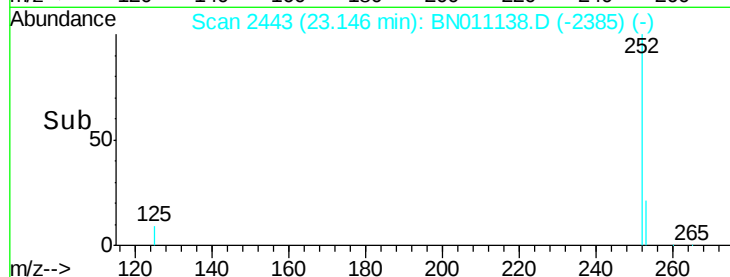
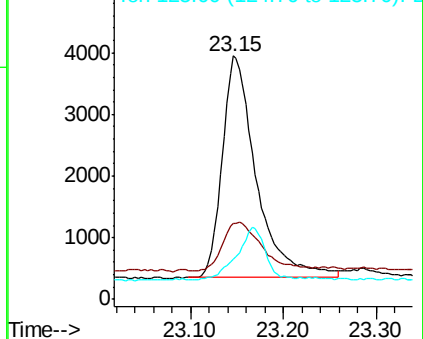
252 100

253 31.4 25.9 38.9

125 16.4 12.5 18.7



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



#40

Dibenzo(a,h)anthracene

Concen: 0.354 ng

RT: 25.35 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BN011138.D

Acq: 09 Jul 2020 18:38

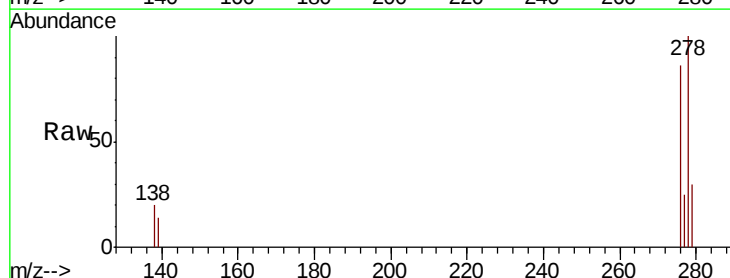
Tgt Ion:278 Resp: 8292

Ion Ratio Lower Upper

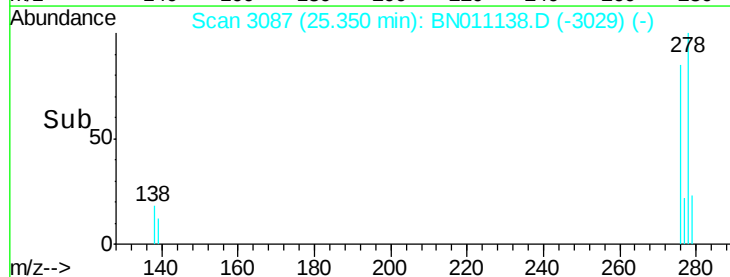
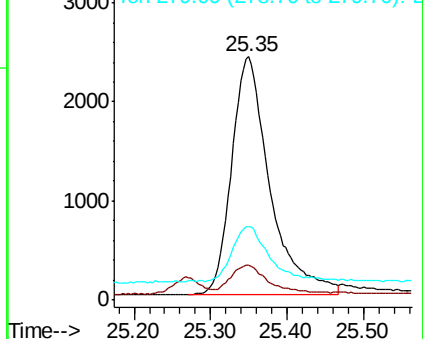
278 100

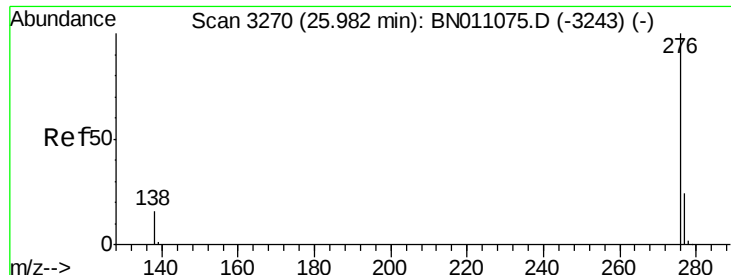
139 14.4 11.9 17.9

279 30.2 25.5 38.3



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





#41

Benzo(a,h,i)perylene

Concen: 0.354 ng

RT: 25.96 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BN011138.D

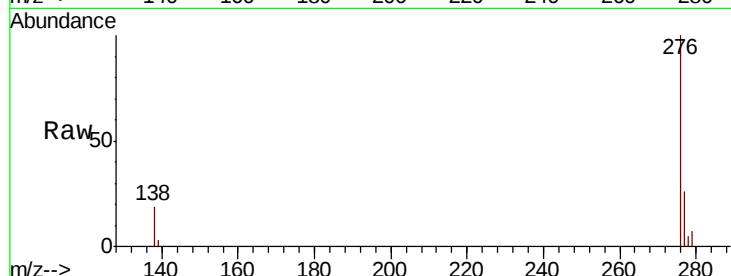
Acq: 09 Jul 2020 18:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



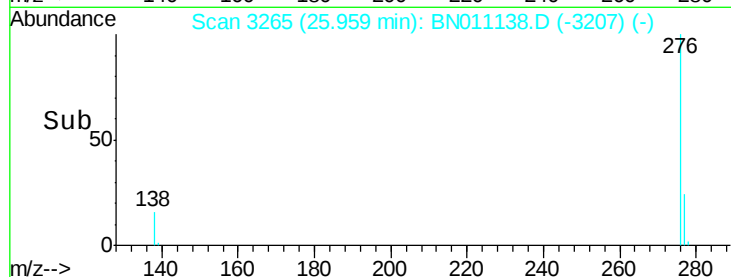
Tot Ion: 276 Resp: 9120

Ion Ratio Lower Upper

276 100

277 25.8 21.1 31.7

138 18.6 15.0 22.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

