

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062920\
 Data File : BN011065.D
 Acq On : 29 Jun 2020 09:57
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Jun 29 10:35:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 11:59:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2855	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	9568	0.40	ng	-0.01
13) Acenaphthene-d10	14.14	164	5397	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	10218	0.40	ng	0.00
29) Chrysene-d12	21.11	240	9092	0.40	ng	0.00
36) Perylene-d12	23.25	264	8953	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2637	0.33	ng	0.00
5) Phenol-d6	6.72	99	2921	0.31	ng	0.00
8) Nitrobenzene-d5	8.64	82	2972	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	11.85	152	6067	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	668	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	8460	0.34	ng	0.00
27) Fluoranthene-d10	18.94	212	11148	0.34	ng	0.00
31) Terphenyl-d14	19.55	244	8726	0.36	ng	0.00

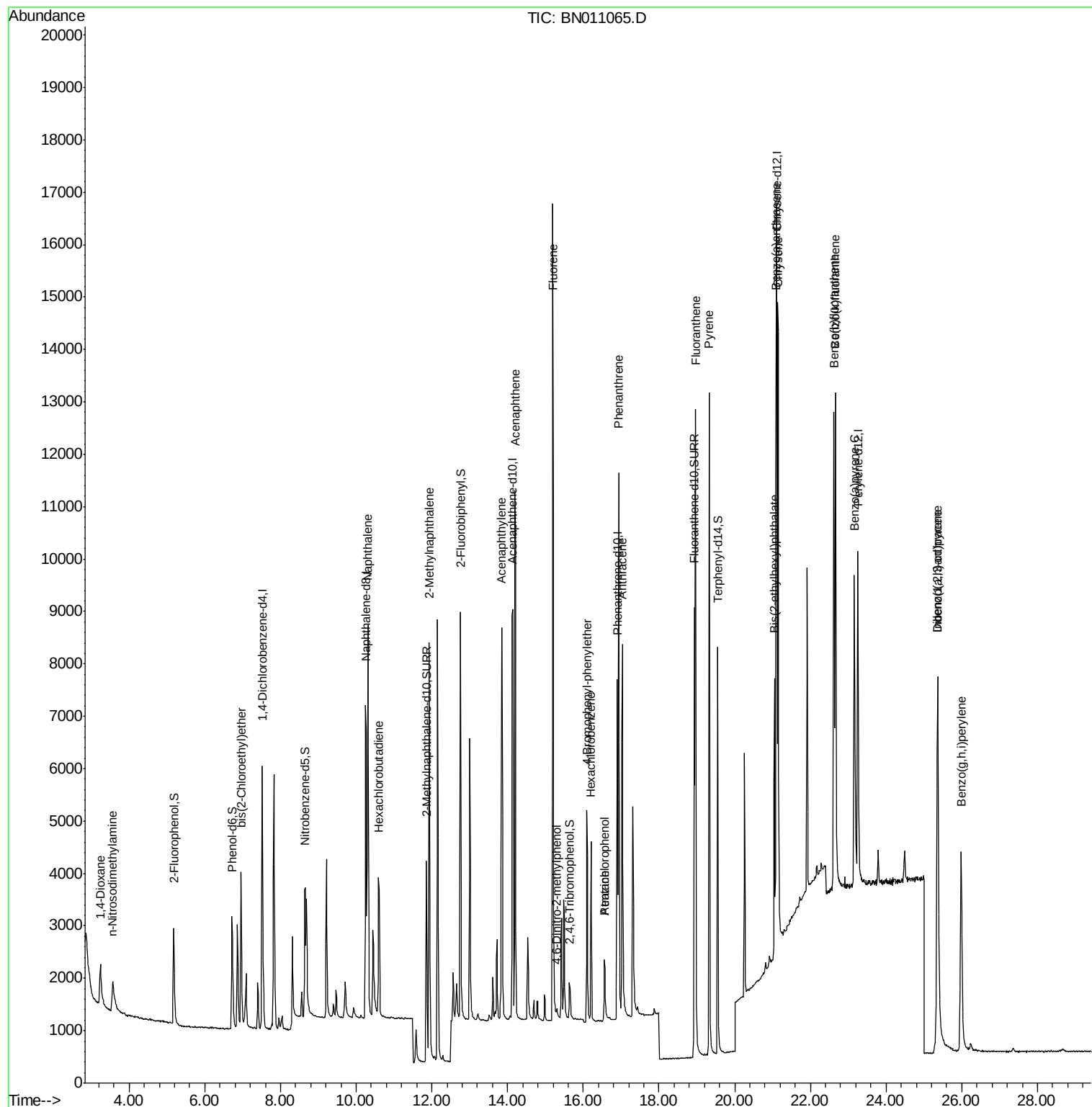
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1236	0.322	ng	98
3) n-Nitrosodimethylamine	3.56	42	793	0.370	ng	# 83
6) bis(2-Chloroethyl)ether	6.96	93	3063	0.372	ng	99
9) Naphthalene	10.30	128	10013	0.345	ng	99
10) Hexachlorobutadiene	10.60	225	2355	0.336	ng	# 99
12) 2-Methylnaphthalene	11.93	142	6576	0.338	ng	98
16) Acenaphthylene	13.85	152	8645	0.318	ng	100
17) Acenaphthene	14.19	154	5775	0.316	ng	100
18) Fluorene	15.19	166	7163	0.307	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	196	0.115	ng	# 50
21) 4-Bromophenyl-phenylether	16.09	248	2312	0.327	ng	93
22) Hexachlorobenzene	16.20	284	2561	0.328	ng	99
23) Atrazine	16.55	200	157	0.030	ng	# 77
24) Pentachlorophenol	16.55	266	854	0.346	ng	94
25) Phenanthrene	16.93	178	11129	0.323	ng	99
26) Anthracene	17.03	178	9428	0.330	ng	99
28) Fluoranthene	18.97	202	12502	0.318	ng	99
30) Pyrene	19.33	202	12546	0.359	ng	100
32) Benzo(a)anthracene	21.10	228	10790	0.343	ng	99
33) Chrysene	21.15	228	12575	0.366	ng	98
34) Bis(2-ethylhexyl)phthalate	21.06	149	4852	0.383	ng	99
35) Indeno(1,2,3-cd)pyrene	25.36	276	10209	0.267	ng	98
37) Benzo(b)fluoranthene	22.62	252	11443	0.323	ng	98
38) Benzo(k)fluoranthene	22.66	252	13039	0.354	ng	97
39) Benzo(a)pyrene	23.16	252	10358	0.329	ng	97
40) Dibenzo(a,h)anthracene	25.37	278	7493	0.221	ng	92
41) Benzo(g,h,i)perylene	25.99	276	8814	0.251	ng	99

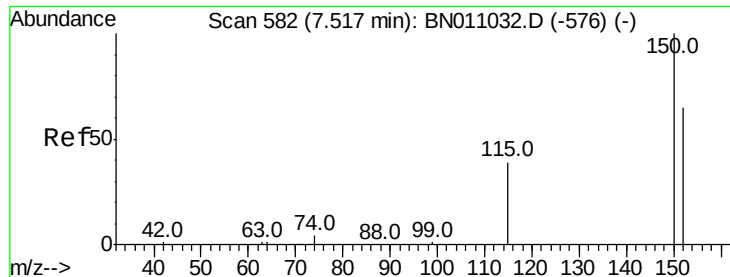
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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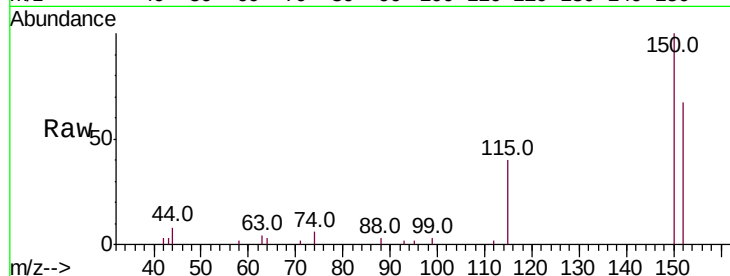


#1

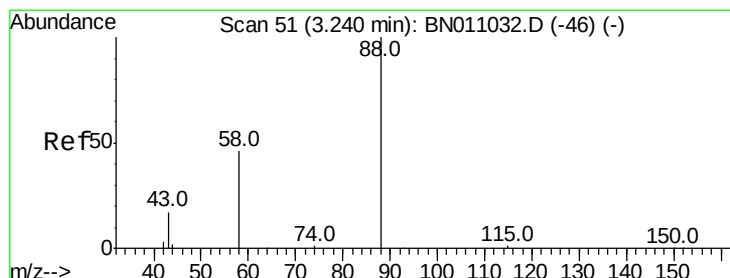
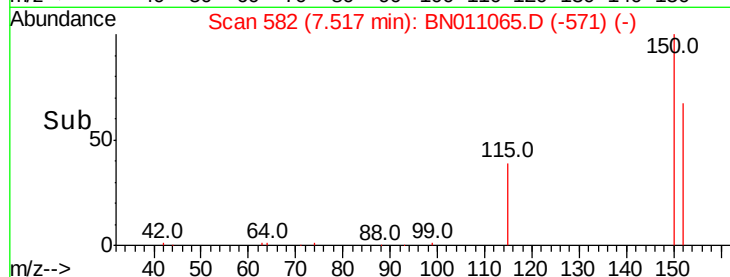
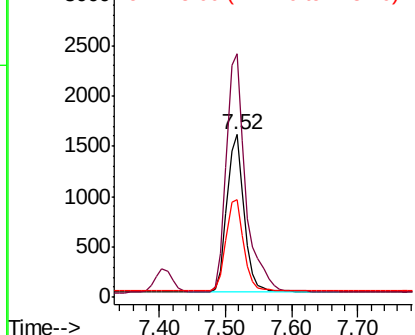
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2855
Ion Ratio Lower Upper
152 100
150 149.5 121.8 182.8
115 59.6 50.2 75.2



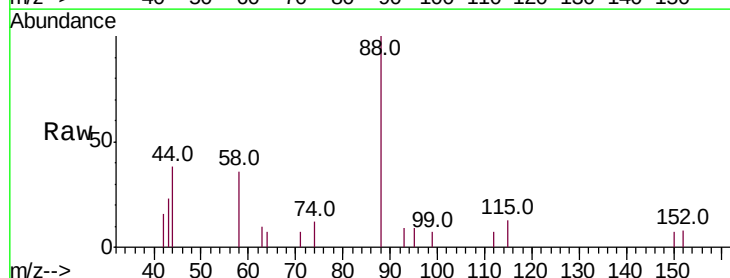
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



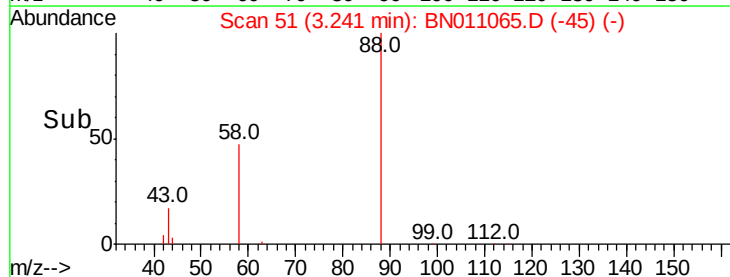
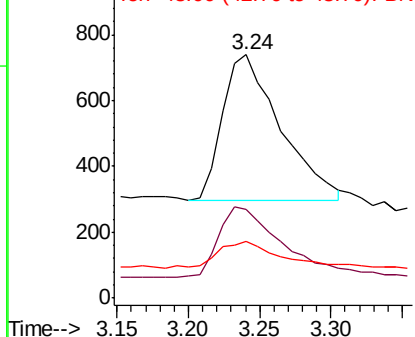
#2

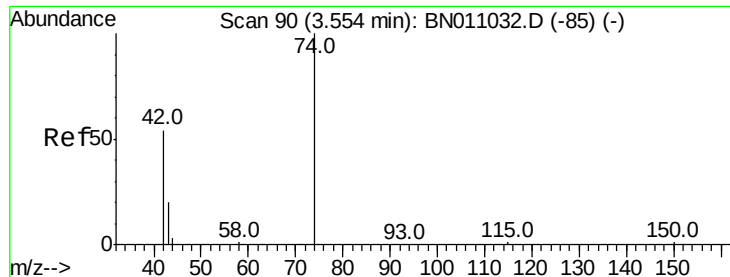
1,4-Dioxane
Concen: 0.322 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

Tgt Ion: 88 Resp: 1236
Ion Ratio Lower Upper
88 100
58 49.8 38.4 57.6
43 18.4 14.2 21.4



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: 0.370 ng

RT: 3.56 min Scan# 91

Delta R.T. 0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

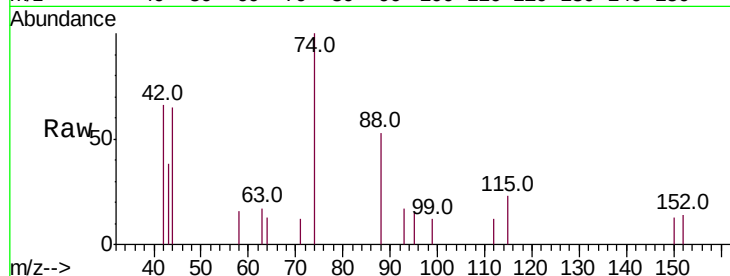
Tot Ion: 42 Resp: 793

Ion Ratio Lower Upper

42 100

74 167.8 154.8 232.2

44 0.0 4.8 7.2#

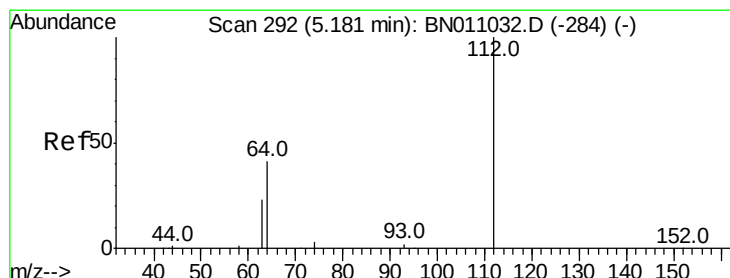
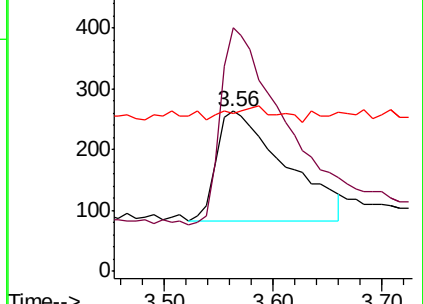
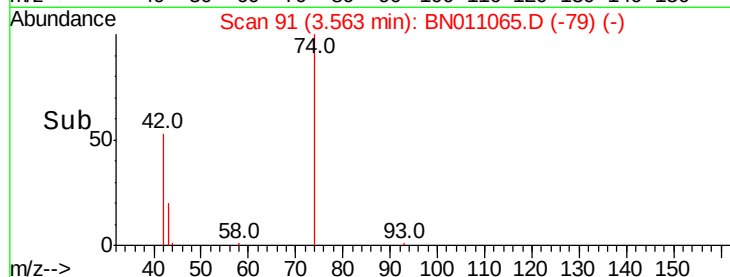


Abundance Ion 42.00 (41.70 to 42.70): BN011032.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BN011032.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BN011032.D (-85) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.328 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

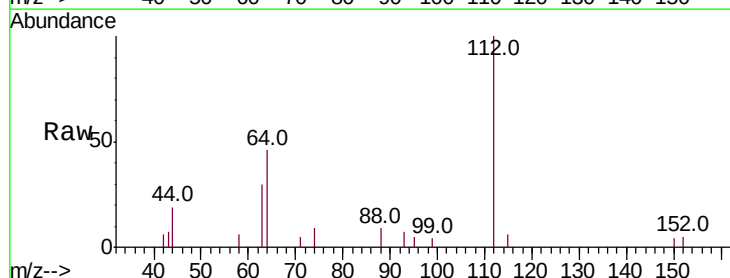
Tgt Ion: 112 Resp: 2637

Ion Ratio Lower Upper

112 100

64 45.7 37.3 55.9

63 25.7 20.4 30.6

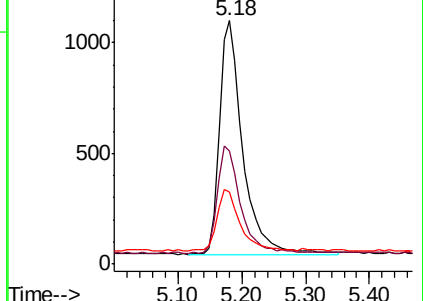
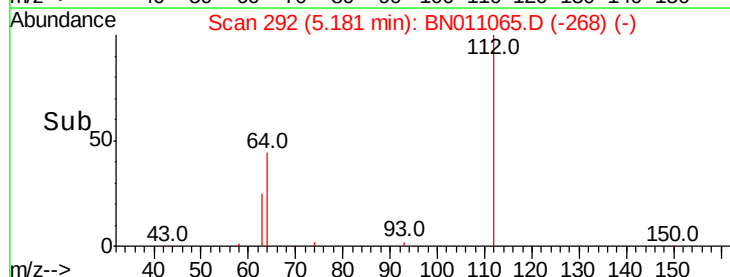


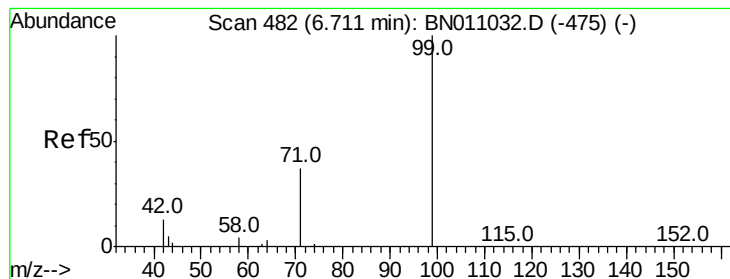
Abundance Ion 112.00 (111.70 to 112.70): BN011032.D (-284) (-)

Ion 64.00 (63.70 to 64.70): BN011032.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BN011032.D (-284) (-)

Time-->





#5

Phenol-d6

Concen: 0.307 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

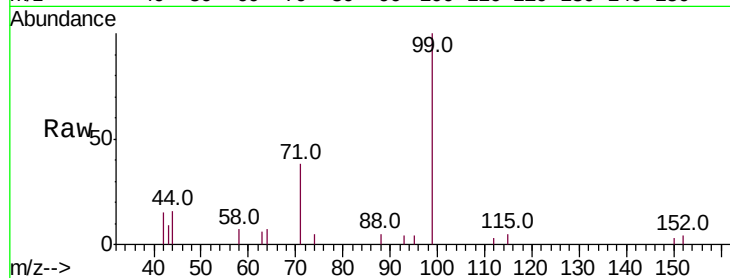
Tot Ion: 99 Resp: 2921

Ion Ratio Lower Upper

99 100

42 13.2 10.6 16.0

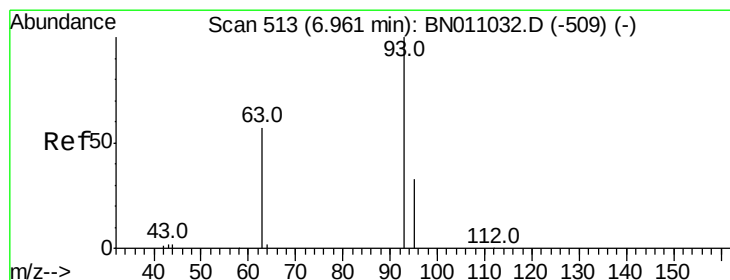
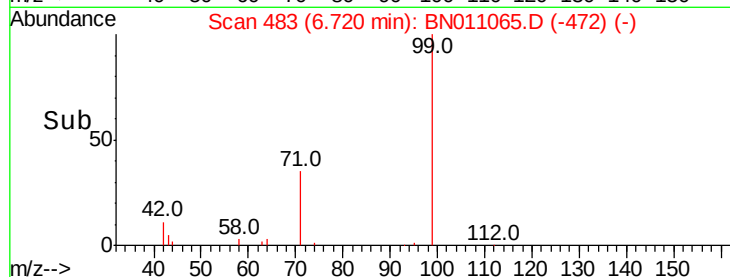
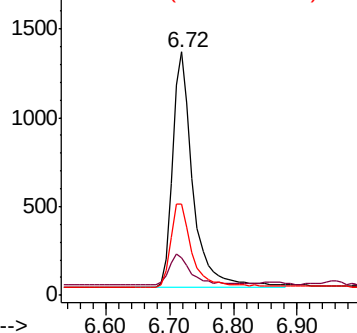
71 37.2 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011032.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011032.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.372 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

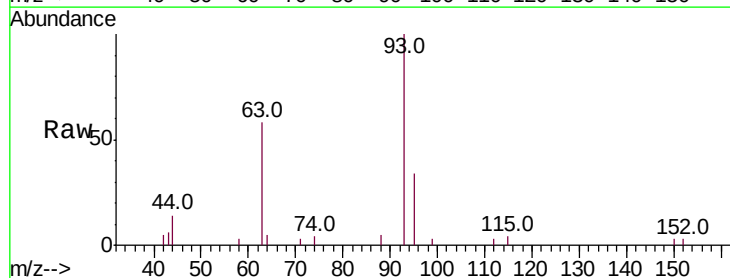
Tgt Ion: 93 Resp: 3063

Ion Ratio Lower Upper

93 100

63 53.5 43.7 65.5

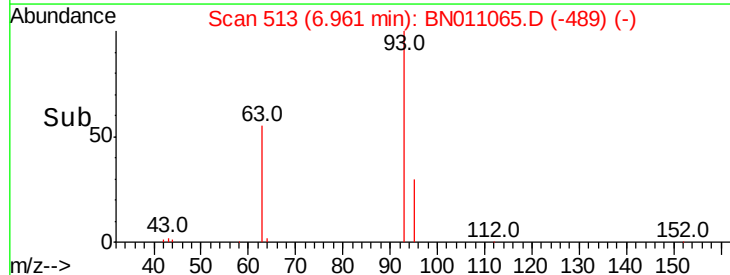
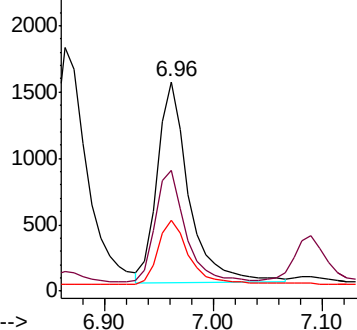
95 31.2 25.3 37.9

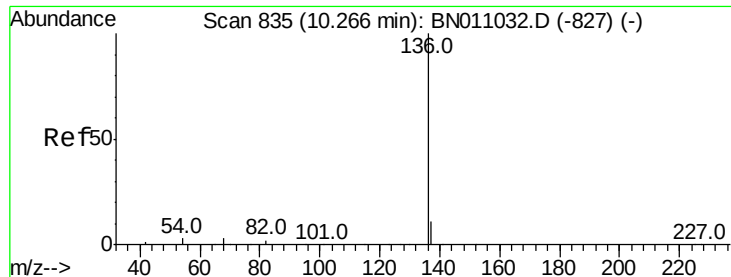


Abundance Ion 93.00 (92.70 to 93.70): BN011032.D (-509) (-)

Ion 63.00 (62.70 to 63.70): BN011032.D (-509) (-)

Ion 95.00 (94.70 to 95.70): BN011032.D (-509) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 9568

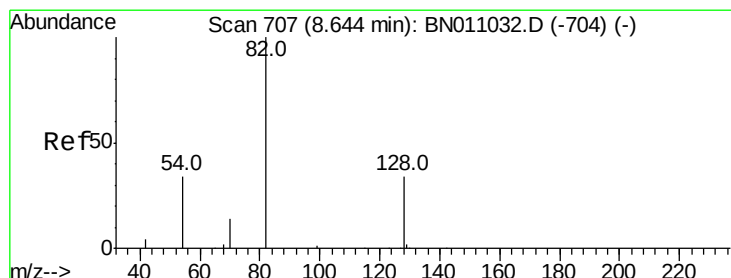
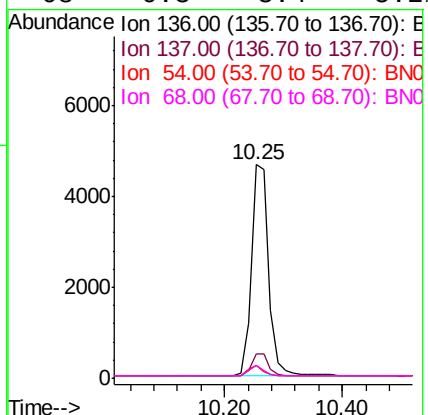
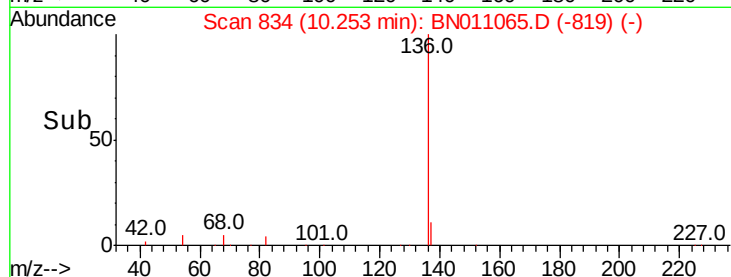
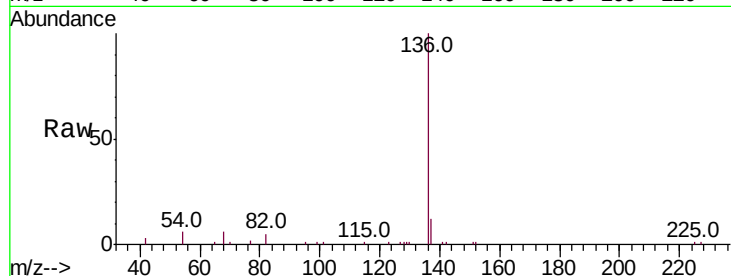
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 5.8 3.0 4.4#

68 6.3 3.4 5.2#



#8

Nitrobenzene-d5

Concen: 0.341 ng

RT: 8.64 min Scan# 707

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

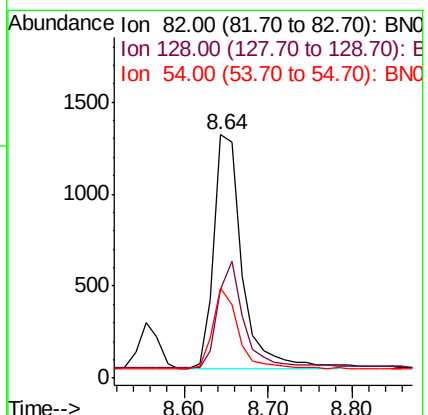
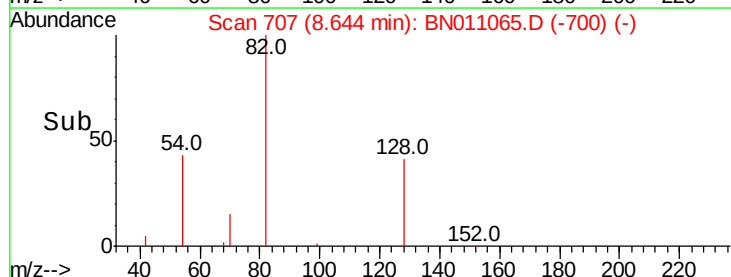
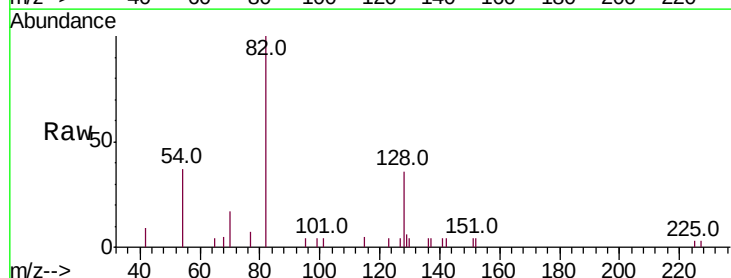
Tgt Ion: 82 Resp: 2972

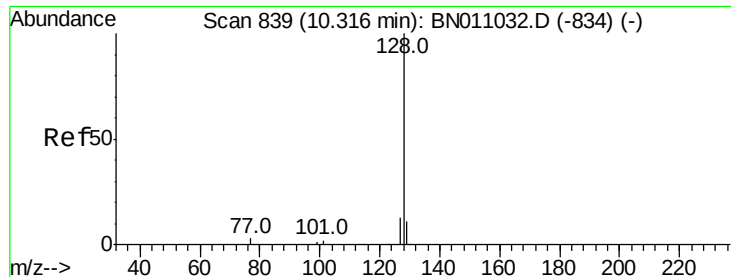
Ion Ratio Lower Upper

82 100

128 36.2 29.4 44.2

54 37.1 28.8 43.2





#9

Naphthalene

Concen: 0.345 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

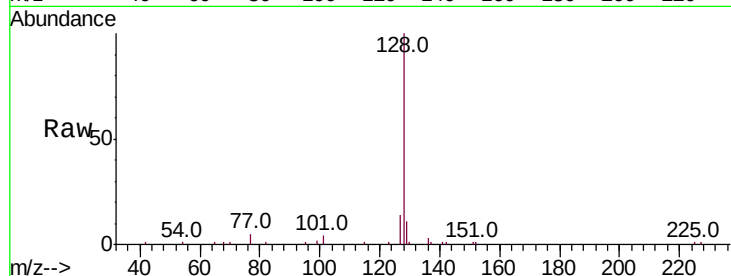
Tot Ion:128 Resp: 10013

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

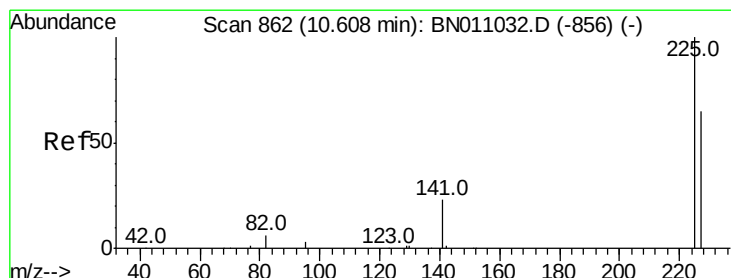
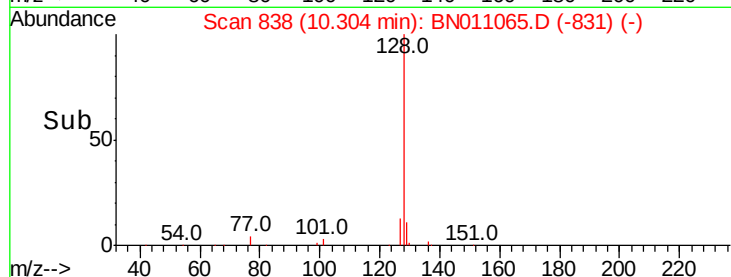
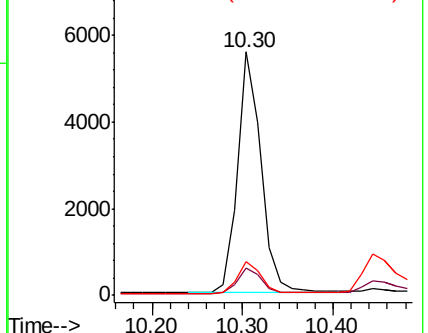
127 13.8 10.9 16.3



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: 0.336 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

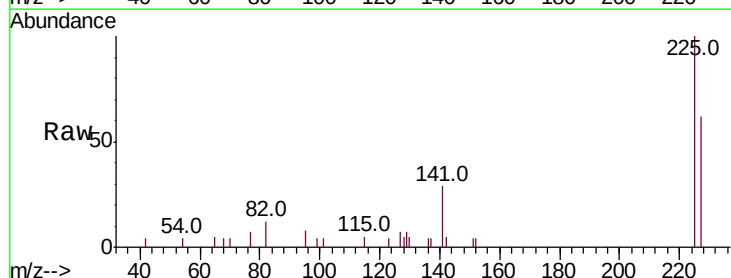
Tgt Ion:225 Resp: 2355

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

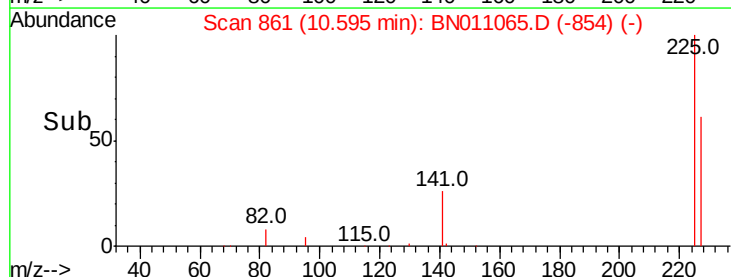
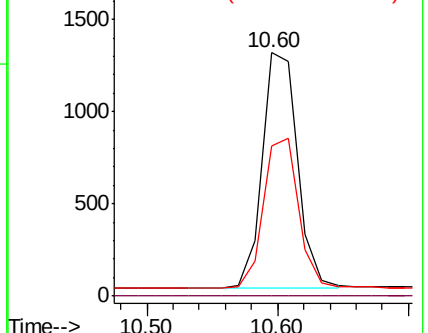
227 63.5 51.7 77.5

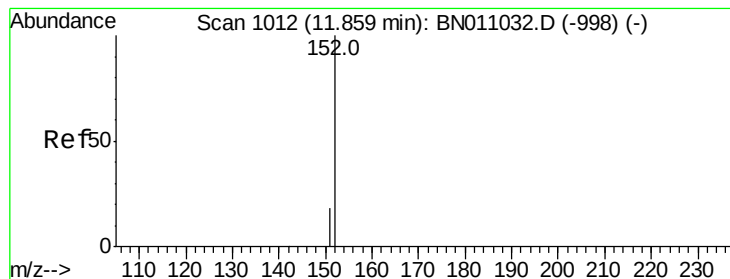


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 11.85 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

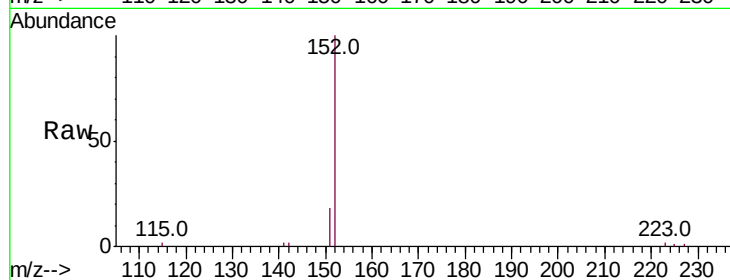
SSTDCCC0.4

Tot Ion:152 Resp: 6067

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.85

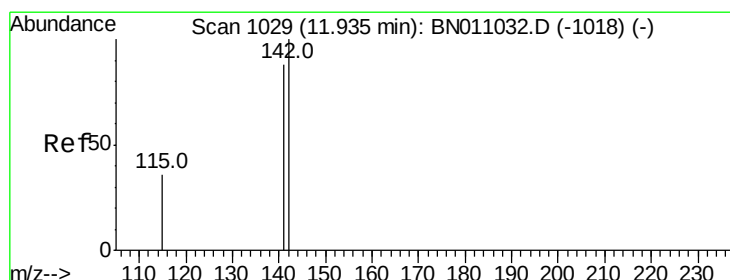
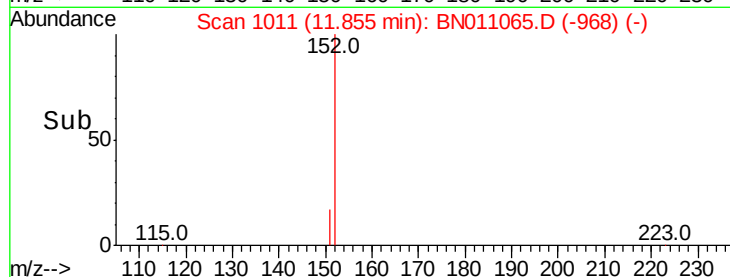
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.338 ng

RT: 11.93 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

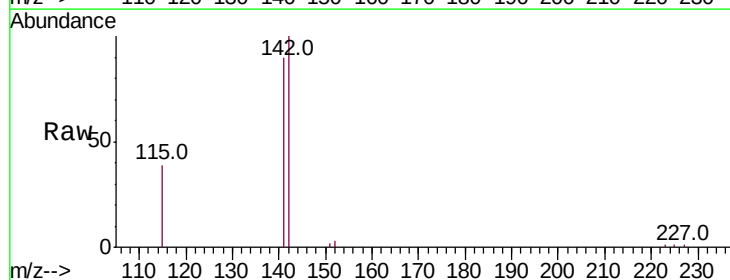
Tgt Ion:142 Resp: 6576

Ion Ratio Lower Upper

142 100

141 89.5 70.6 106.0

115 38.9 30.2 45.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.93

4000

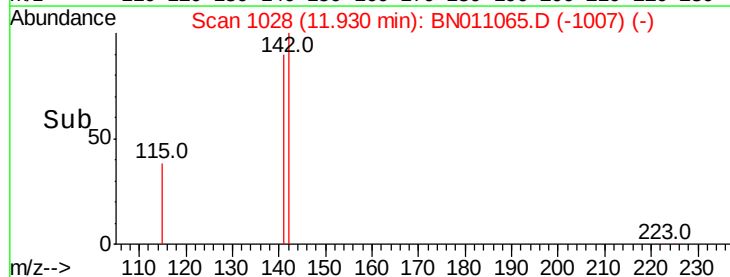
3000

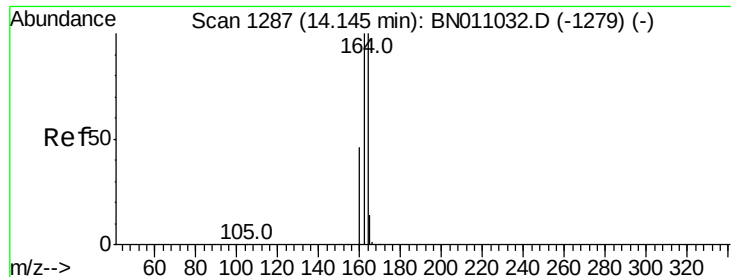
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

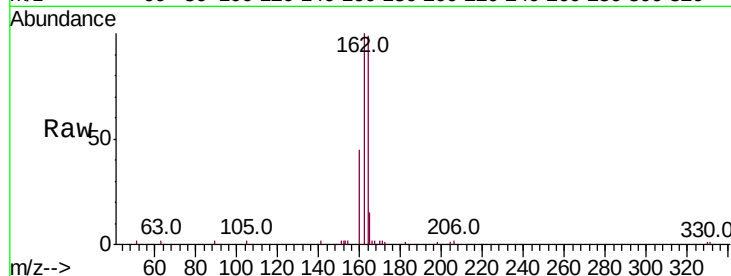
Tot Ion:164 Resp: 5397

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.4

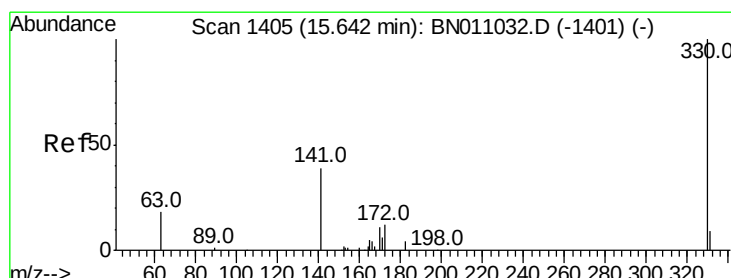
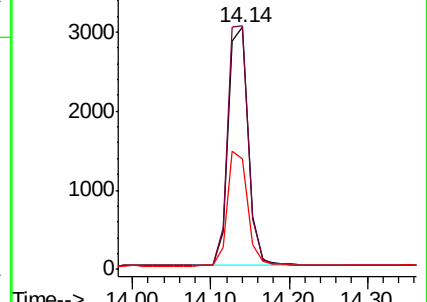
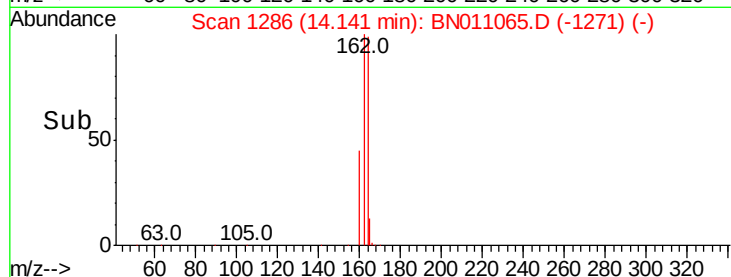
160 45.6 37.7 56.5



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: 0.282 ng

RT: 15.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

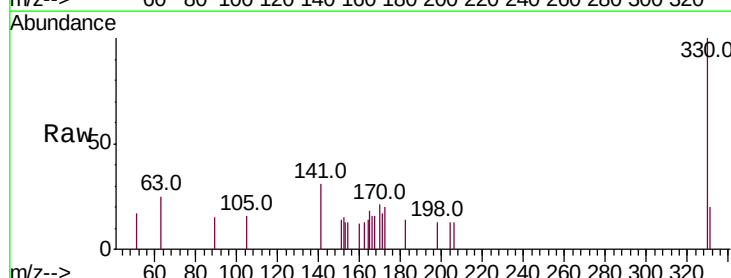
Tgt Ion:330 Resp: 668

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

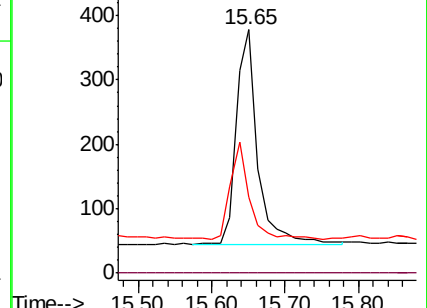
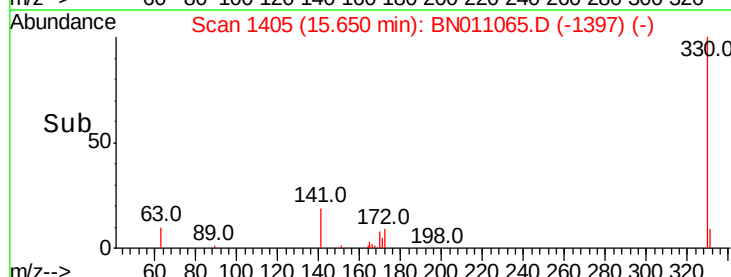
141 41.2 34.5 51.7

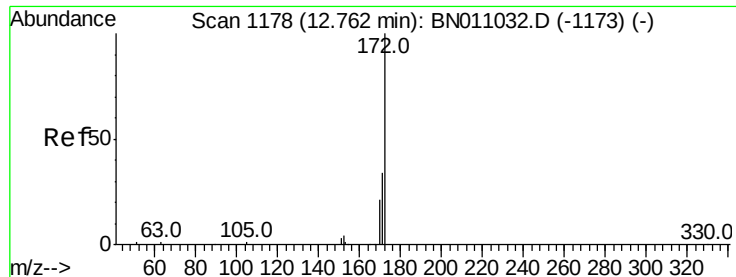


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

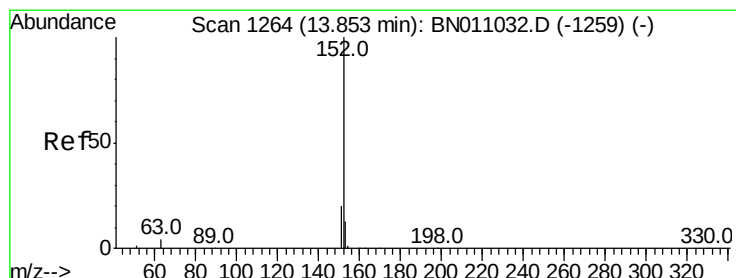
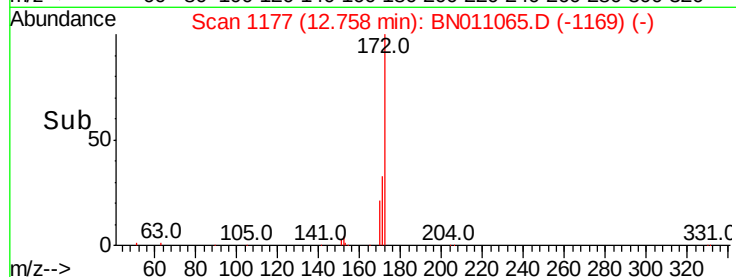
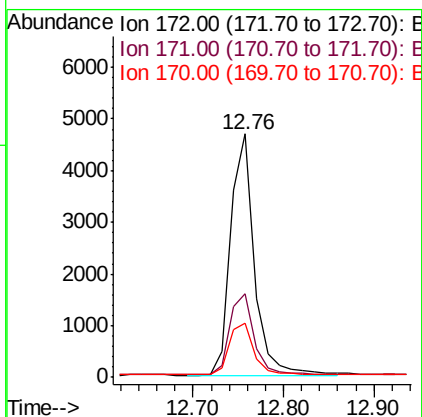
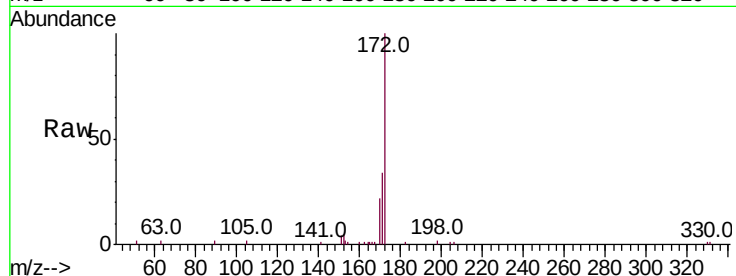




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

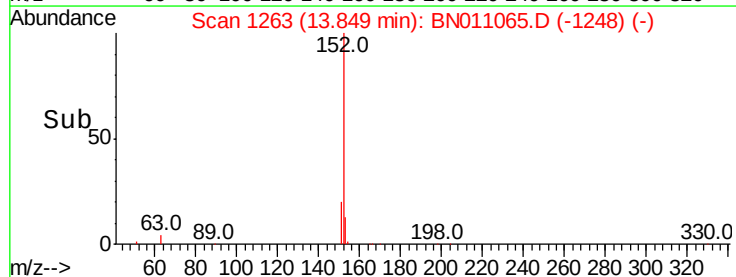
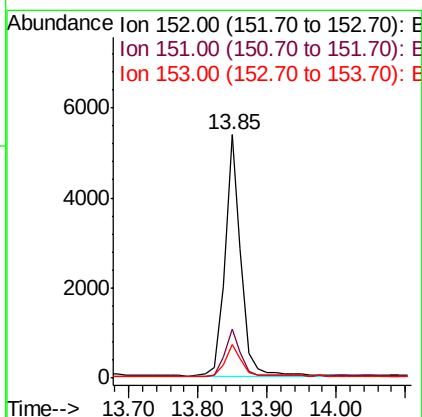
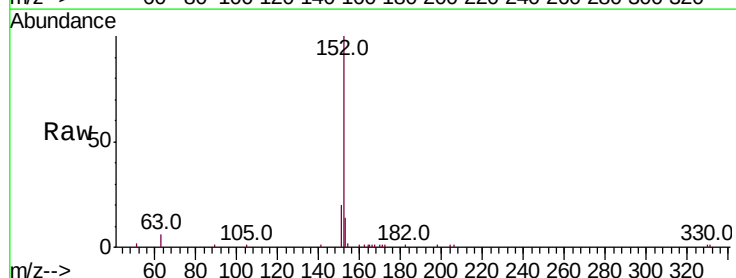
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

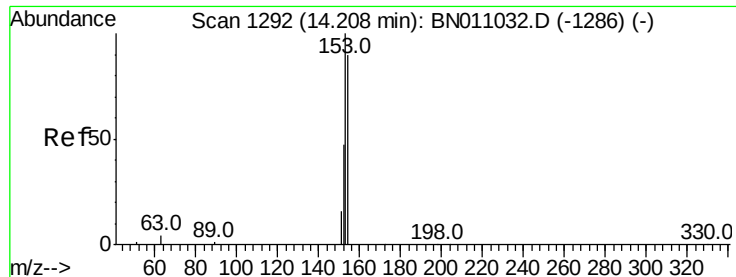
Tot Ion:172 Resp: 8460
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.2
170 22.3 17.5 26.3



#16
Acenaphthylene
Concen: 0.318 ng
RT: 13.85 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

Tgt Ion:152 Resp: 8645
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.2 15.2





#17

Acenaphthene

Concen: 0.316 ng

RT: 14.19 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

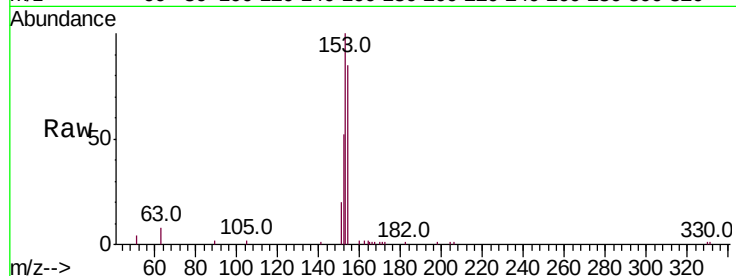
Tot Ion:154 Resp: 5775

Ion Ratio Lower Upper

154 100

153 115.9 92.3 138.5

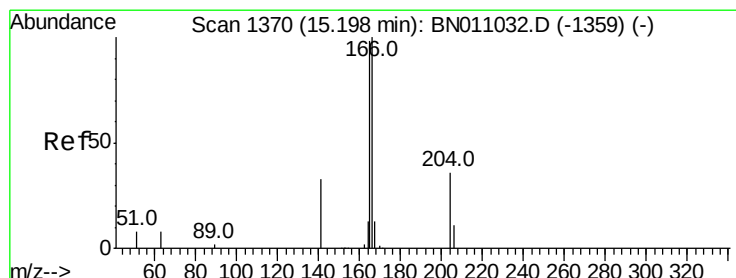
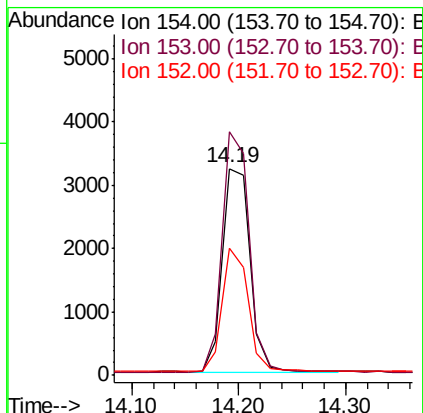
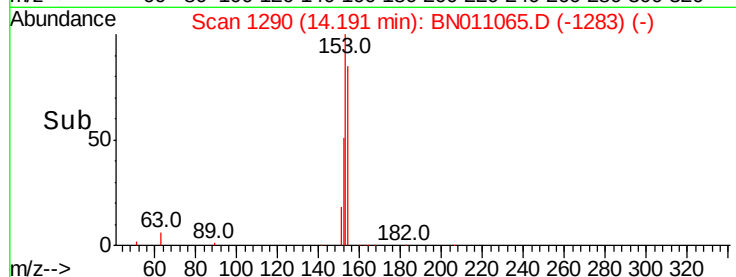
152 57.0 45.5 68.3



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: 0.307 ng

RT: 15.19 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

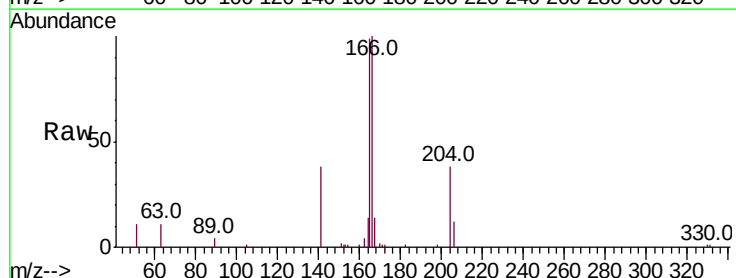
Tgt Ion:166 Resp: 7163

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

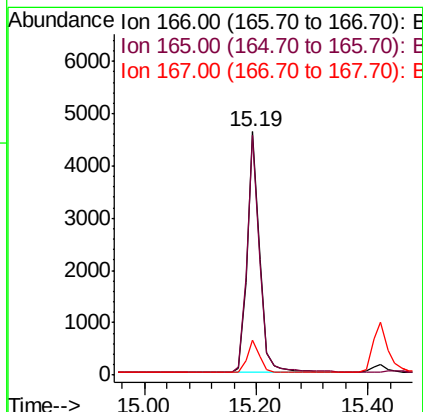
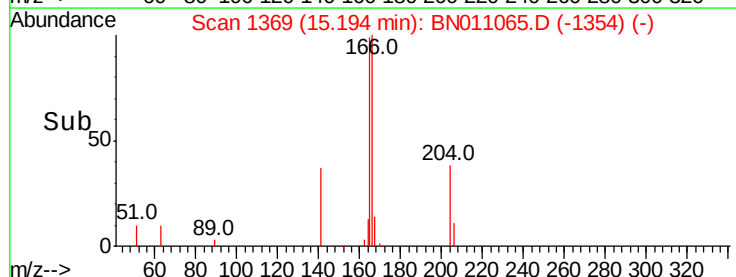
167 13.6 10.8 16.2

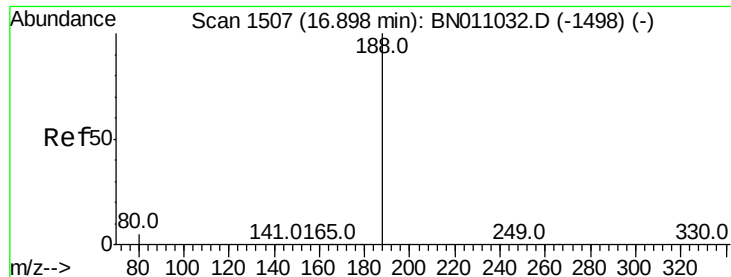


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

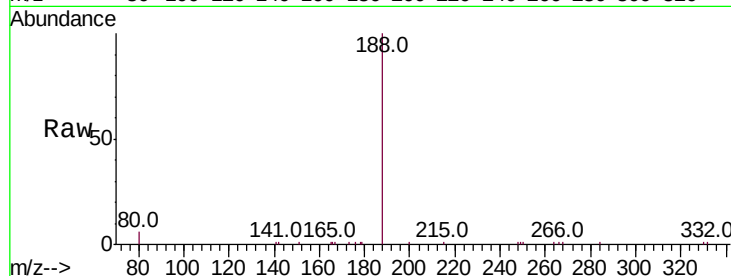
Tot Ion:188 Resp: 10218

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

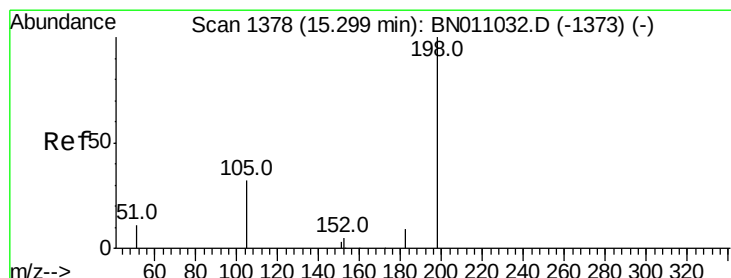
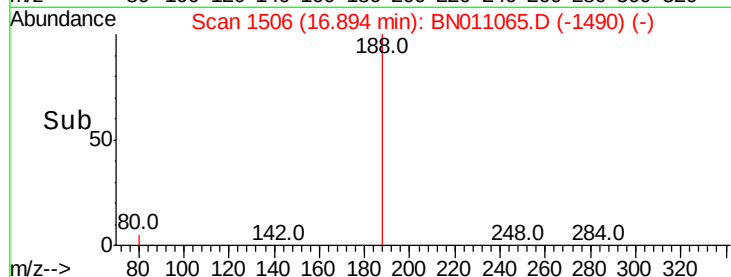
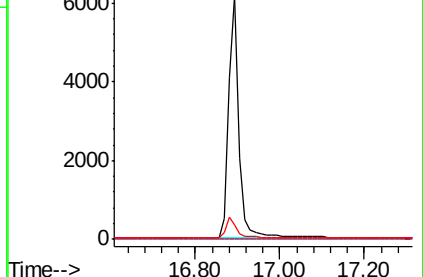
80 6.1 4.6 7.0



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

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.31 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

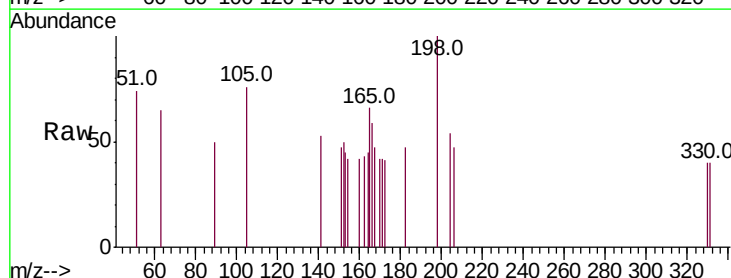
Tgt Ion:198 Resp: 196

Ion Ratio Lower Upper

198 100

51 74.3 29.5 44.3#

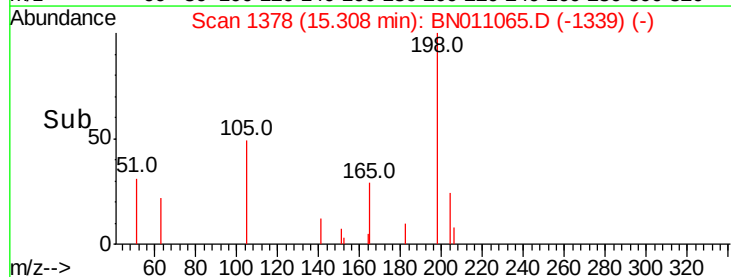
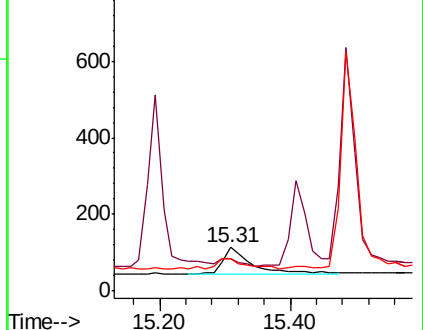
105 76.1 39.2 58.8#

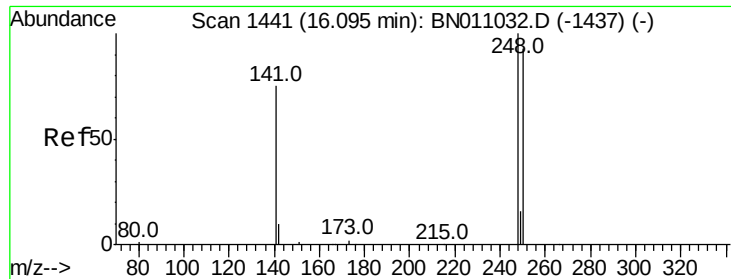


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

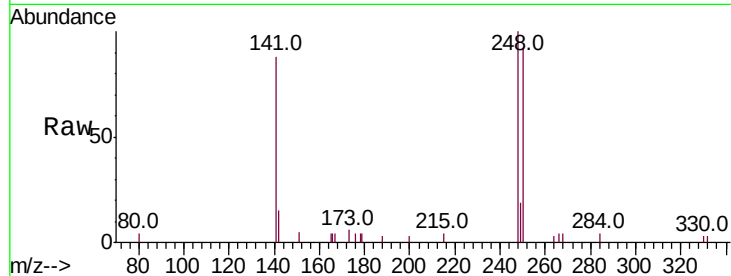




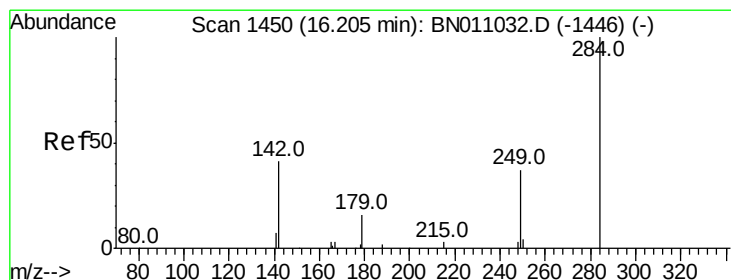
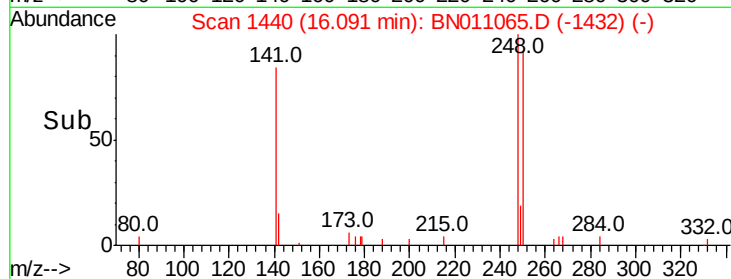
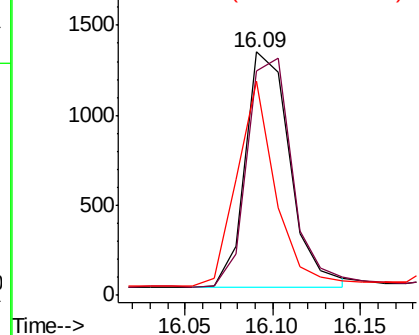
#21
4-Bromophenyl-phenylether
Concen: 0.327 ng
RT: 16.09 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:248 Resp: 2312
Ion Ratio Lower Upper
248 100
250 92.2 74.6 111.8
141 88.1 60.9 91.3

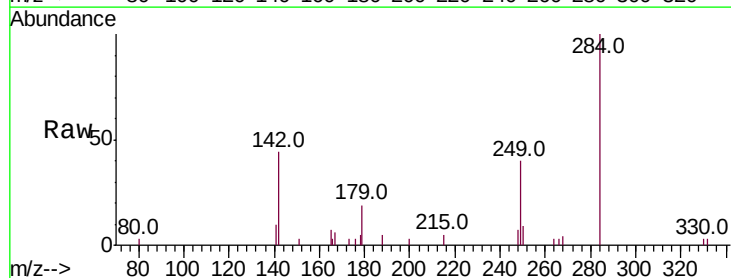


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

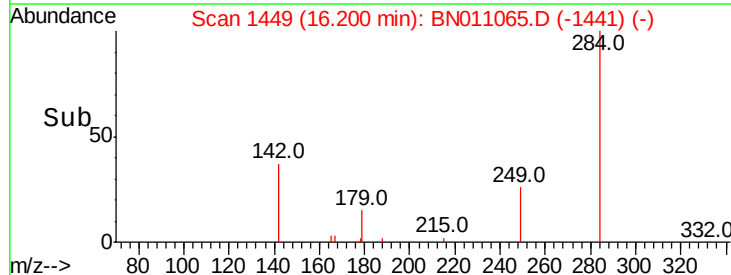
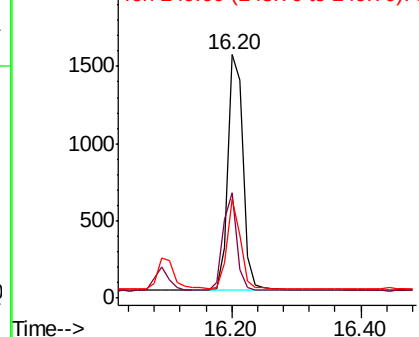


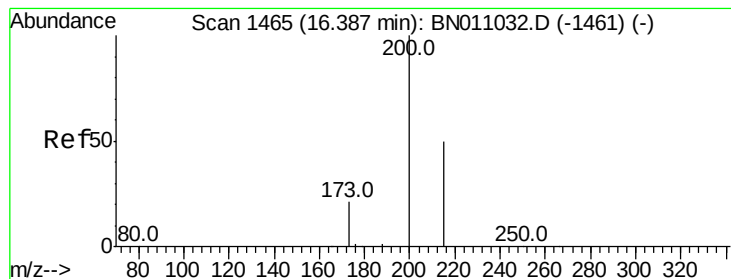
#22
Hexachlorobenzene
Concen: 0.328 ng
RT: 16.20 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

Tgt Ion:284 Resp: 2561
Ion Ratio Lower Upper
284 100
142 37.1 30.4 45.6
249 33.8 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





#23

Atrazine

Concen: 0.030 ng

RT: 16.55 min Scan# 1478

Delta R.T. 0.17 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

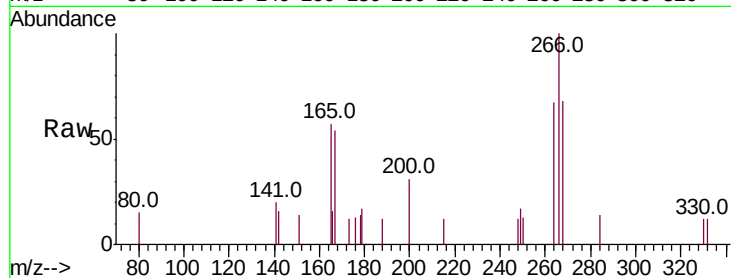
Tot Ion:200 Resp: 157

Ion Ratio Lower Upper

200 100

173 39.8 19.4 29.2#

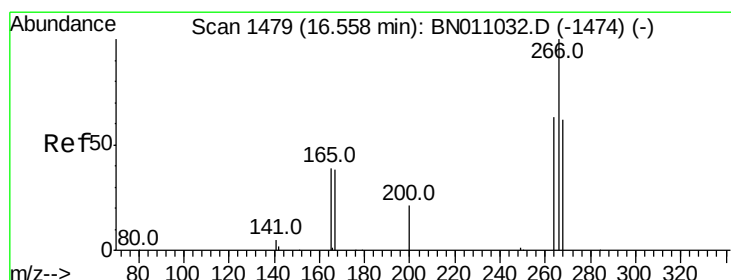
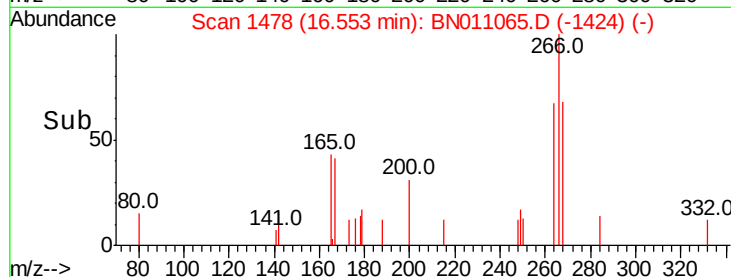
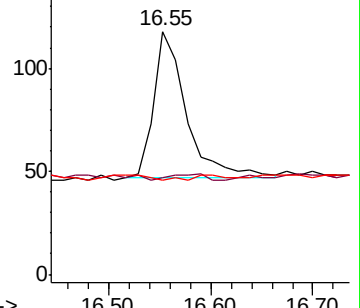
215 39.0 41.5 62.3#



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: 0.346 ng

RT: 16.55 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

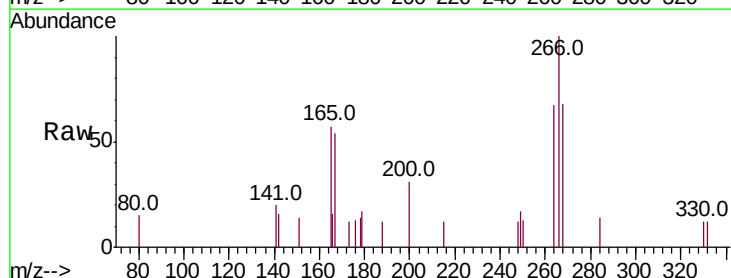
Tgt Ion:266 Resp: 854

Ion Ratio Lower Upper

266 100

264 61.4 51.4 77.0

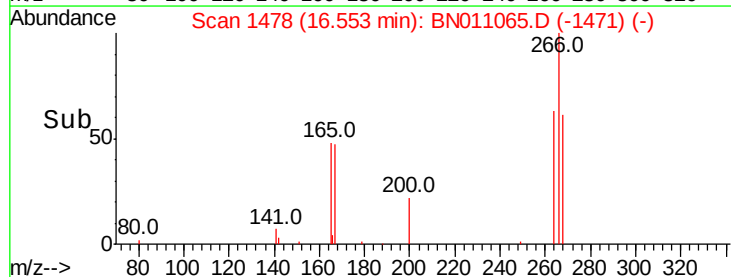
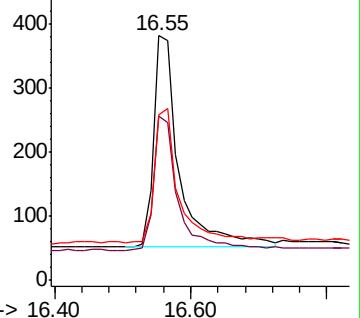
268 61.7 54.9 82.3

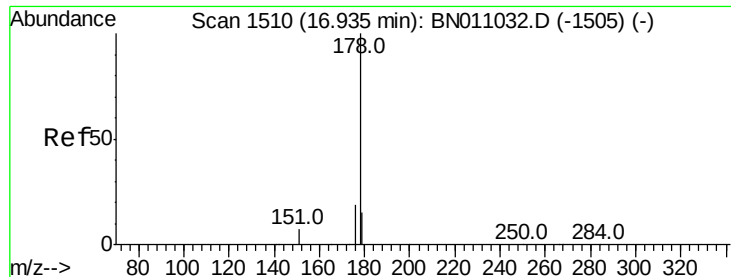


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.323 ng

RT: 16.93 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

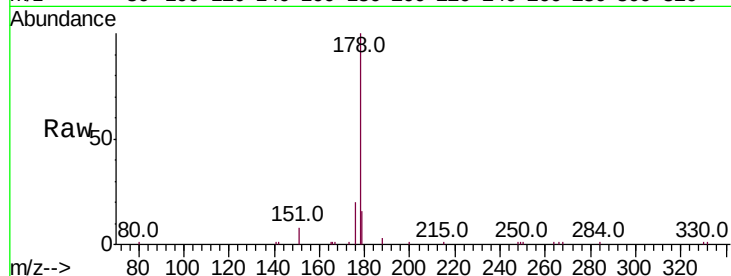
Tot Ion:178 Resp: 11129

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

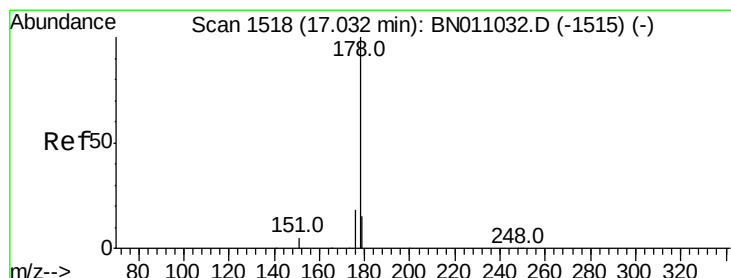
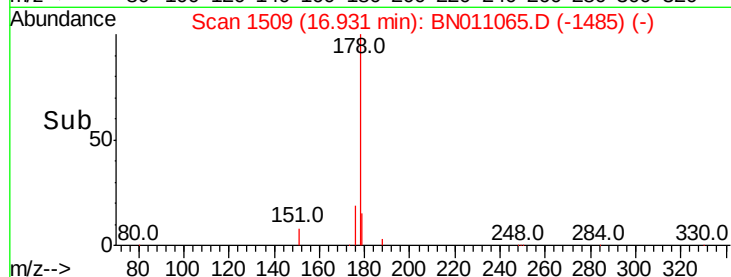
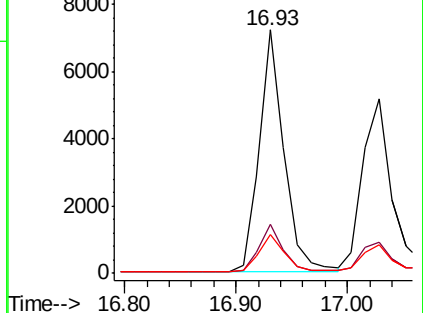
179 15.9 12.3 18.5



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



#26

Anthracene

Concen: 0.330 ng

RT: 17.03 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

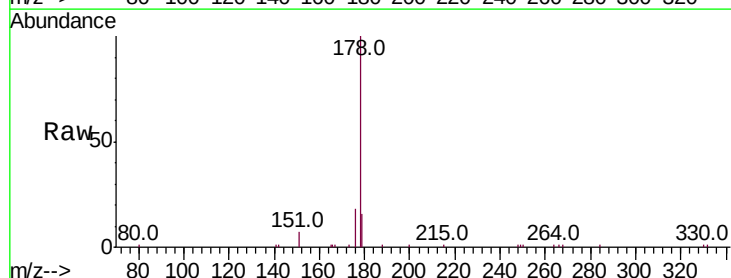
Tgt Ion:178 Resp: 9428

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

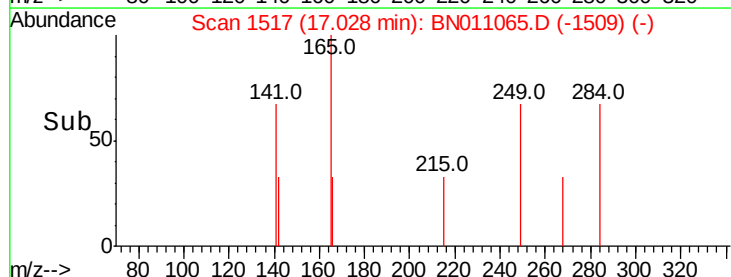
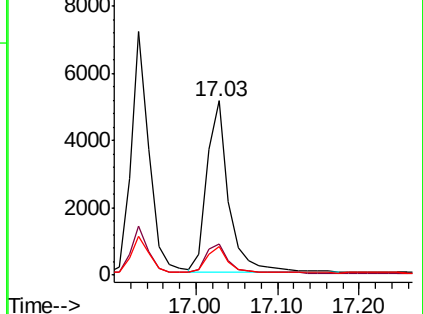
179 15.8 12.2 18.4

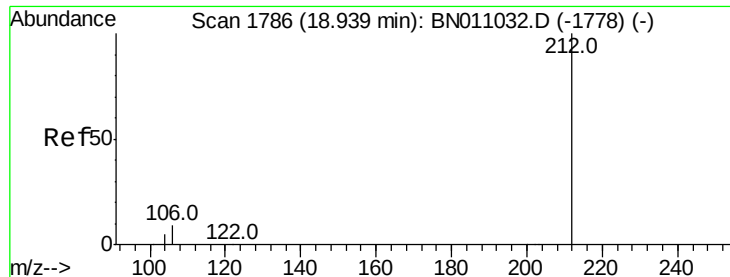


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.345 ng

RT: 18.94 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

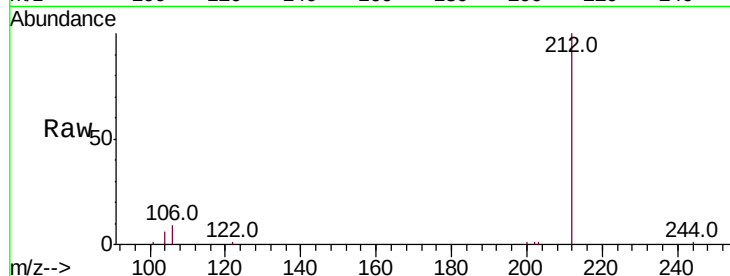
Tot Ion:212 Resp: 11148

Ion Ratio Lower Upper

212 100

106 9.4 7.7 11.5

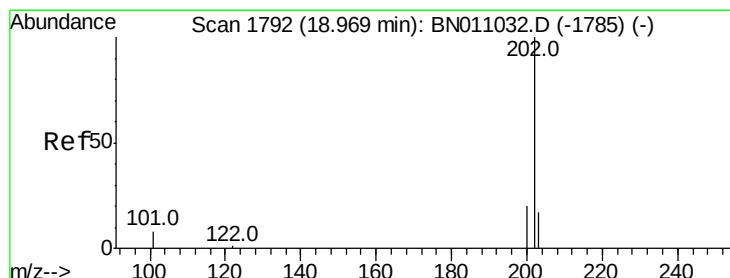
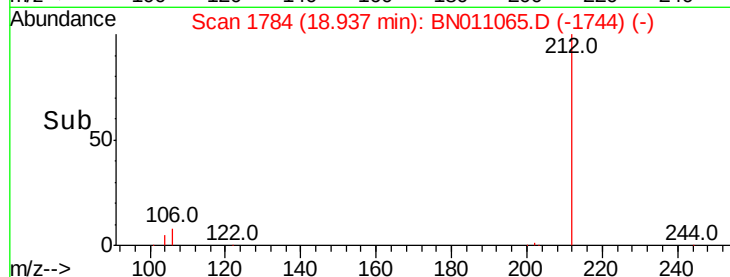
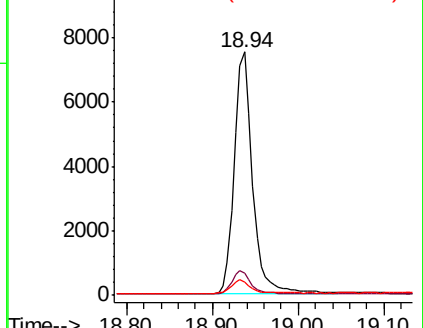
104 5.7 4.6 6.8



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



#28

Fluoranthene

Concen: 0.318 ng

RT: 18.97 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

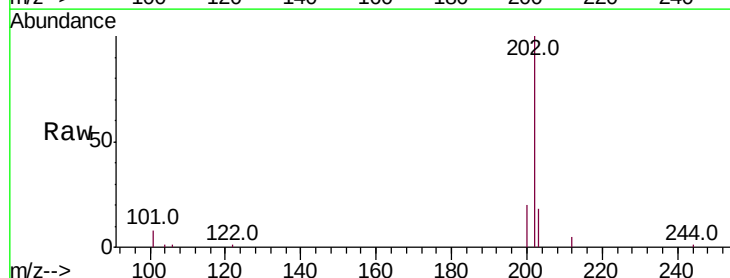
Tgt Ion:202 Resp: 12502

Ion Ratio Lower Upper

202 100

101 8.1 6.6 10.0

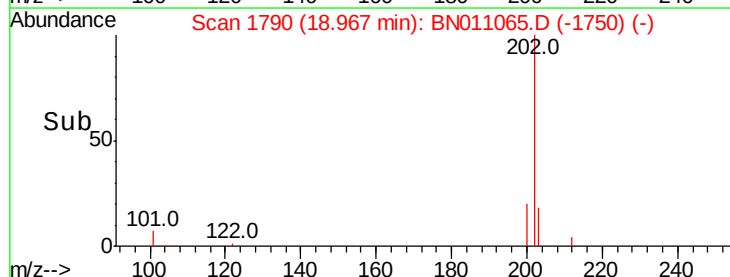
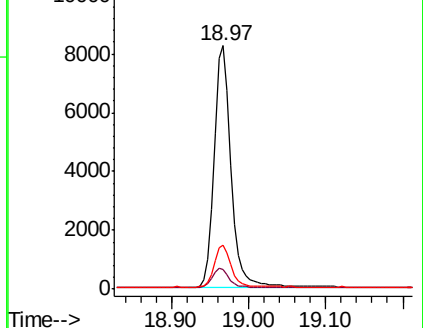
203 17.0 13.8 20.6

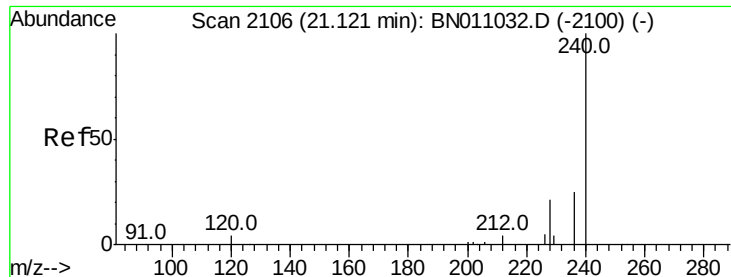


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

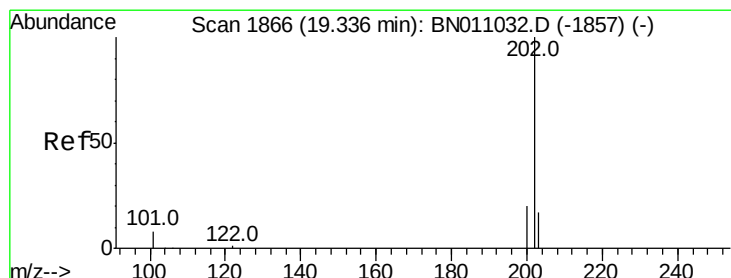
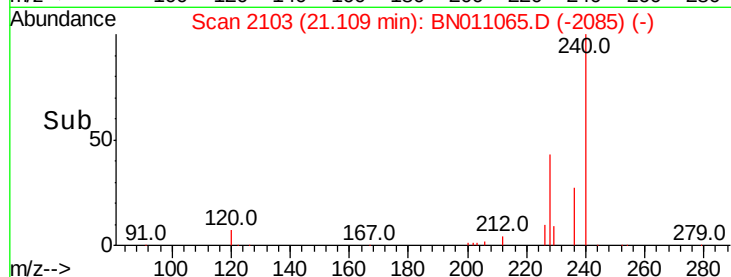
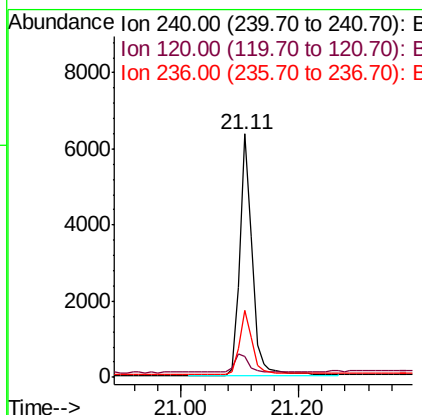
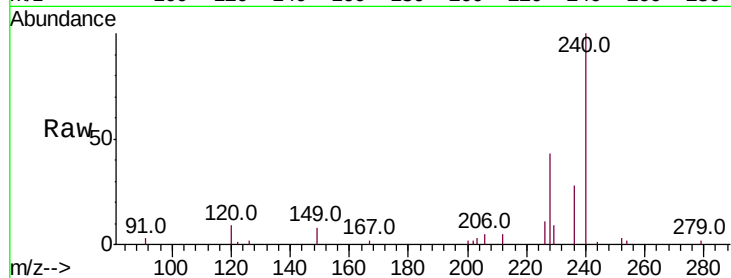




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

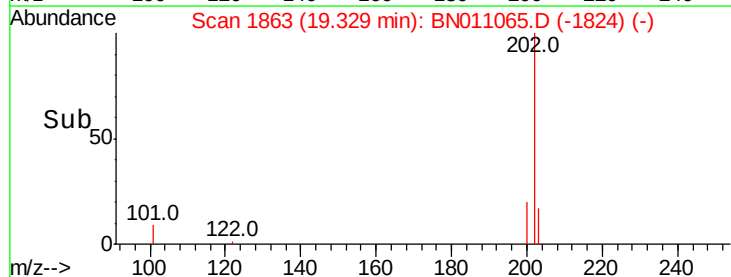
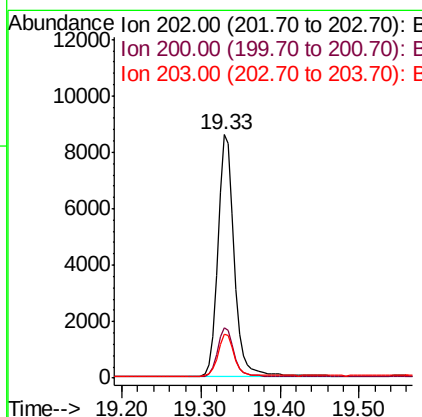
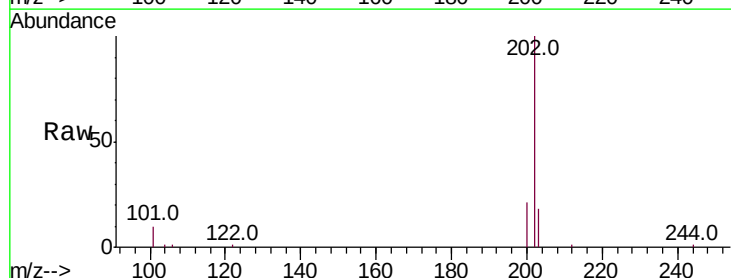
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

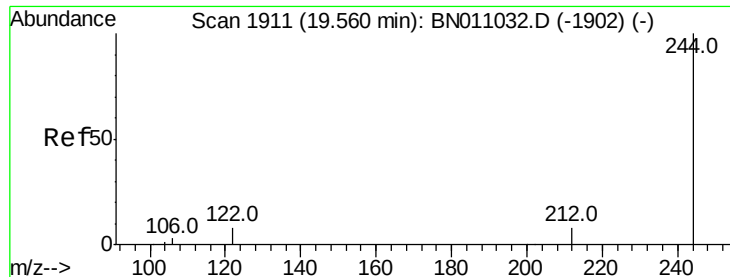
Tot Ion:240 Resp: 9092
Ion Ratio Lower Upper
240 100
120 8.8 5.4 8.0#
236 27.7 21.4 32.2



#30
Pyrene
Concen: 0.359 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

Tgt Ion:202 Resp: 12546
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.5 14.2 21.2





#31

Terphenyl-d14

Concen: 0.357 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

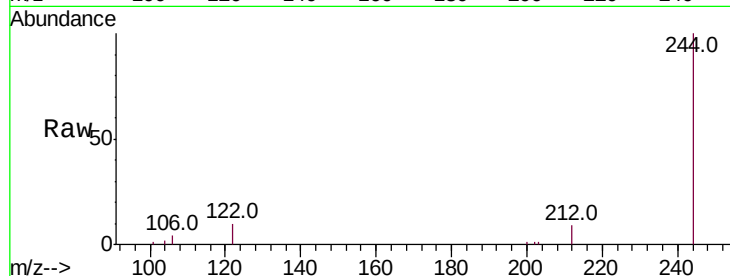
Tot Ion:244 Resp: 8726

Ion Ratio Lower Upper

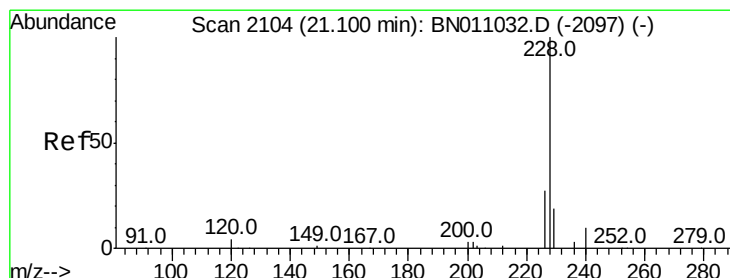
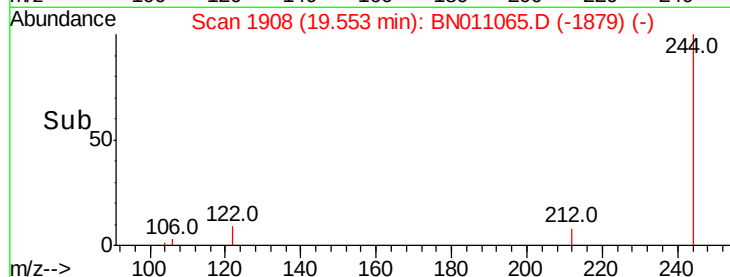
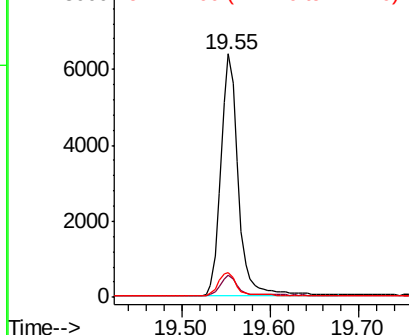
244 100

212 9.0 6.9 10.3

122 10.0 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.343 ng

RT: 21.10 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

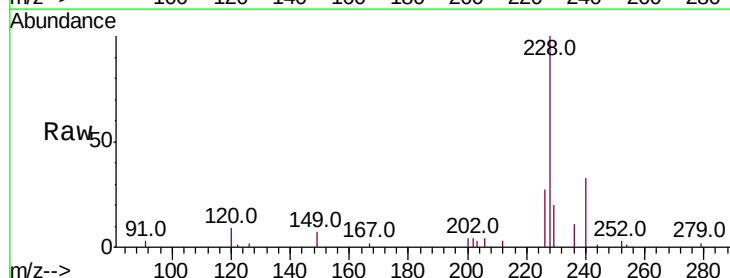
Tgt Ion:228 Resp: 10790

Ion Ratio Lower Upper

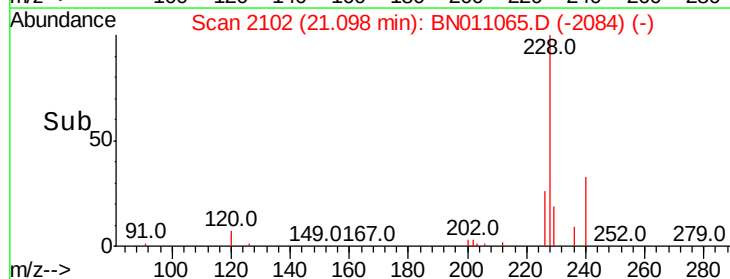
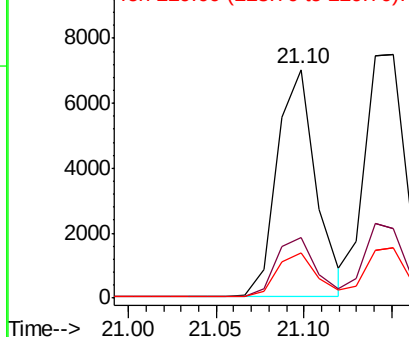
228 100

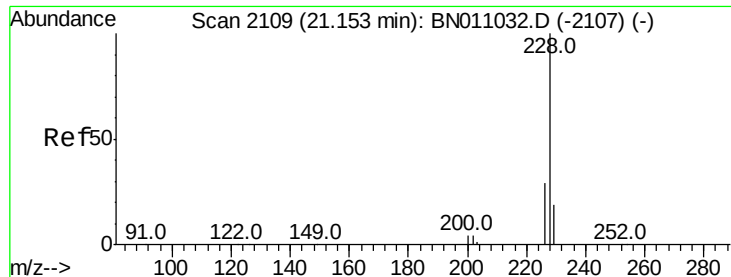
226 26.5 22.0 33.0

229 20.1 15.9 23.9



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





#33

Chrysene

Concen: 0.366 ng

RT: 21.15 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

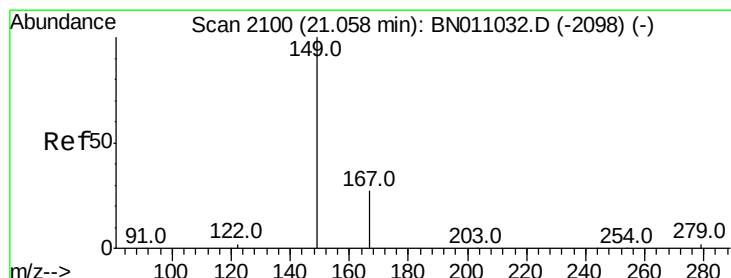
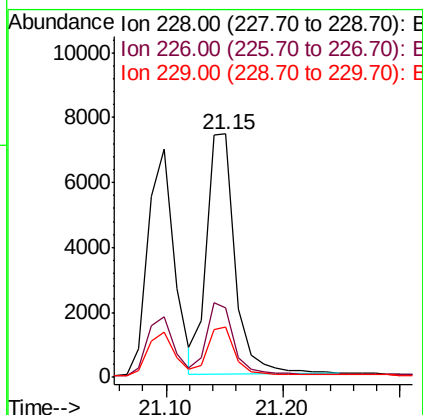
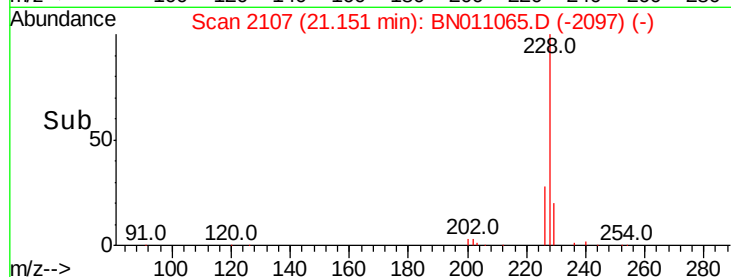
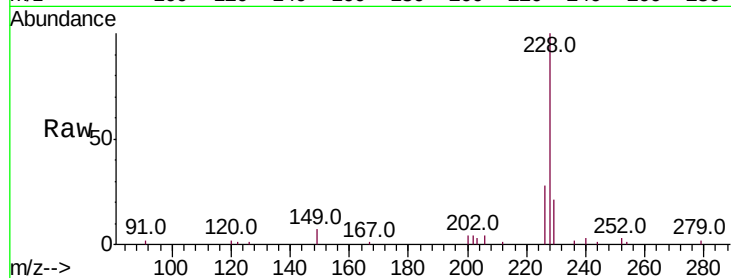
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 12575

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.8	35.6
229	20.7	15.8	23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.383 ng

RT: 21.06 min Scan# 2098

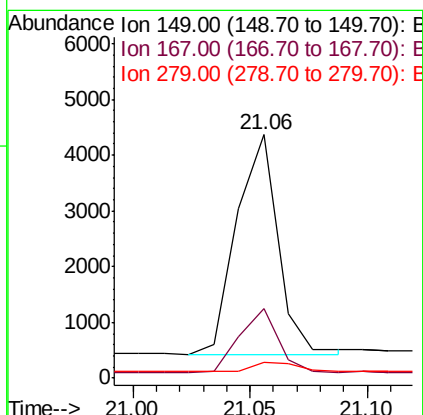
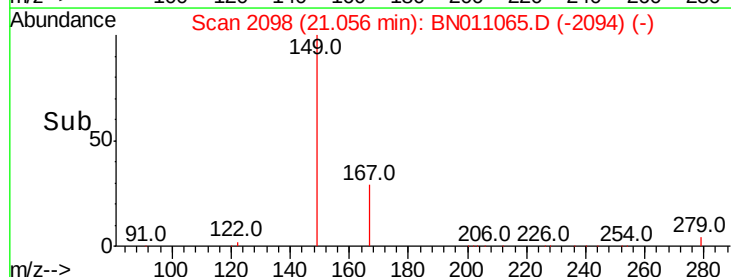
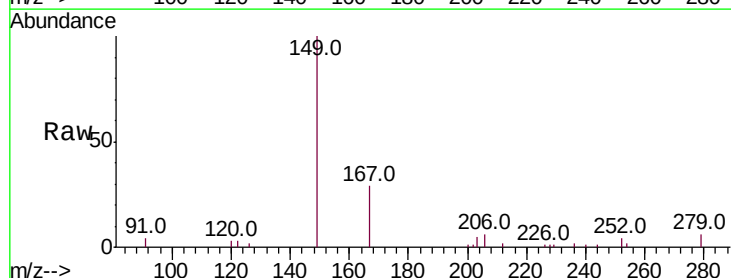
Delta R.T. -0.00 min

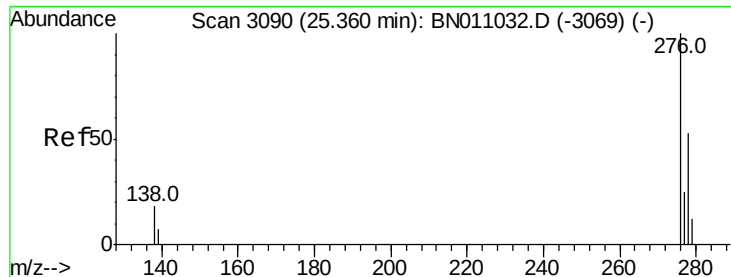
Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Tgt Ion:149 Resp: 4852

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	5.2	3.9	5.9

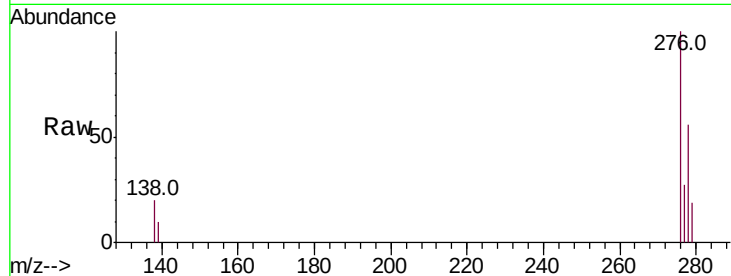




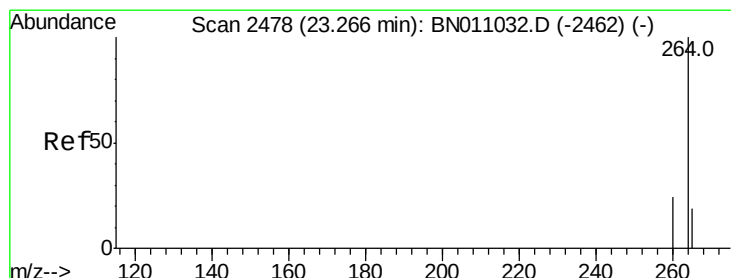
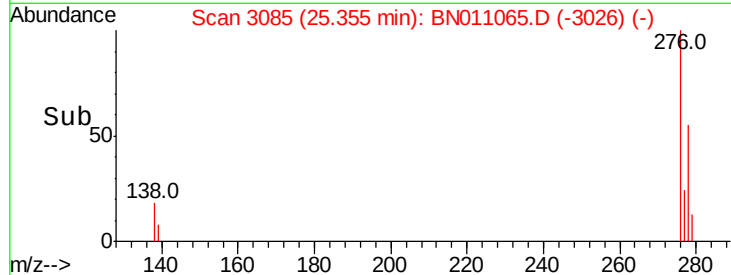
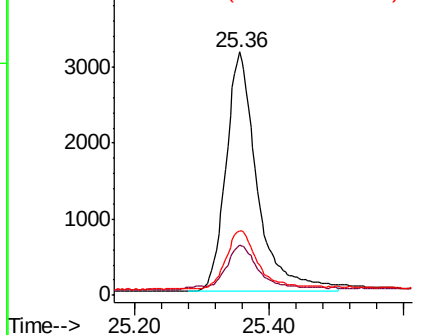
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.267 ng
 RT: 25.36 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: BN011065.D
 Acq: 29 Jun 2020 09:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 10209
 Ion Ratio Lower Upper
 276 100
 138 17.9 16.2 24.2
 277 24.8 19.9 29.9

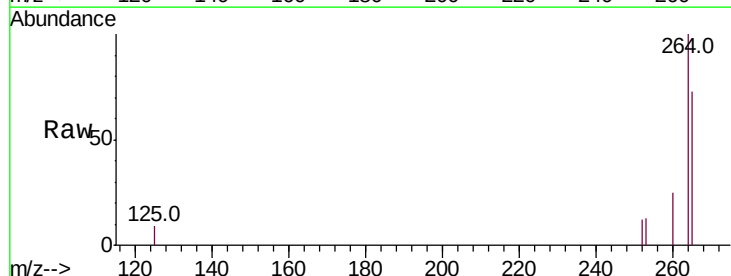


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

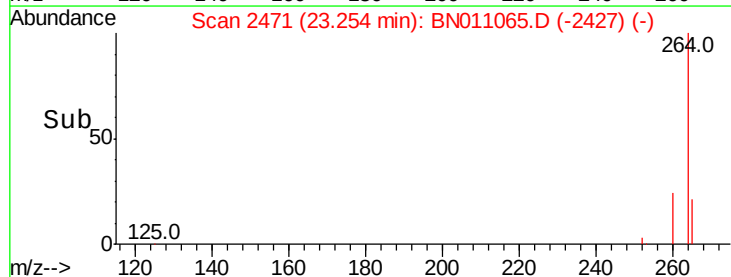
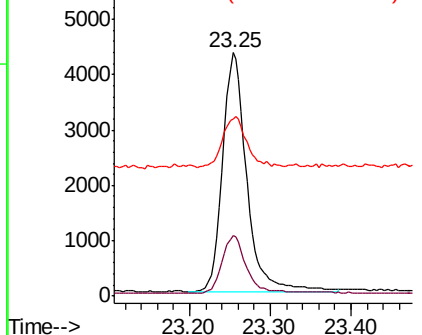


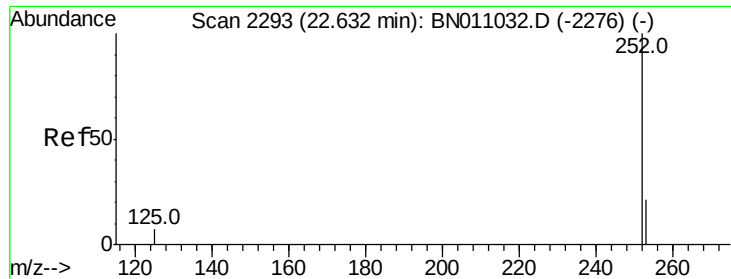
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BN011065.D
 Acq: 29 Jun 2020 09:57

Tgt Ion:264 Resp: 8953
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 72.8 64.9 97.3



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

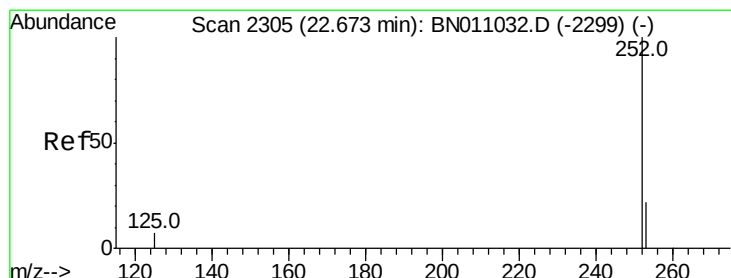
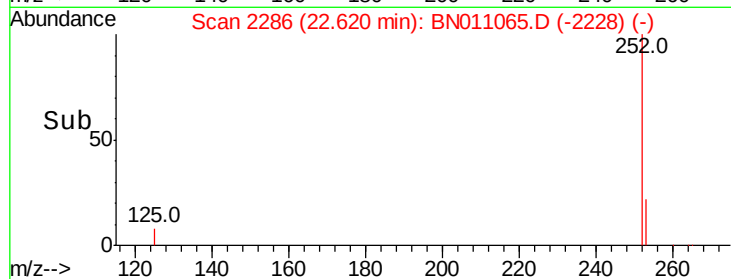
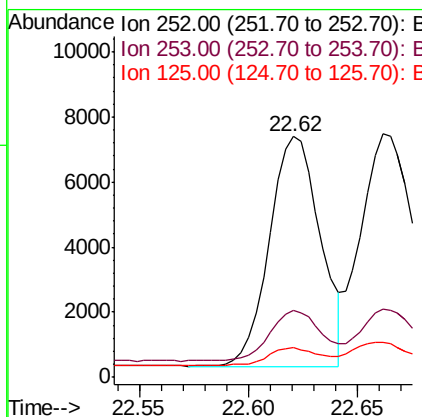
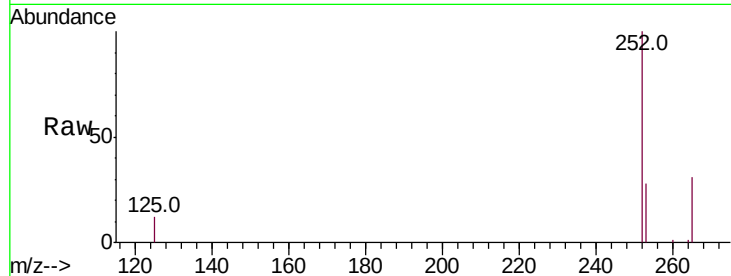




#37
Benzo(b)fluoranthene
Concen: 0.323 ng
RT: 22.62 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

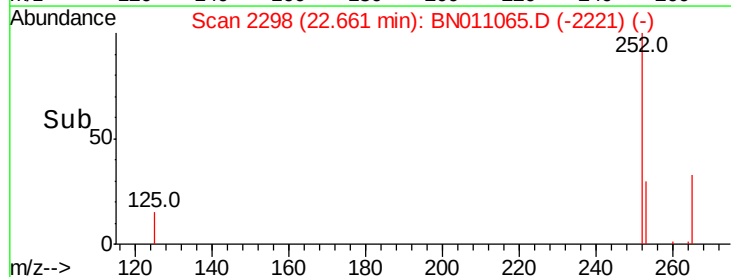
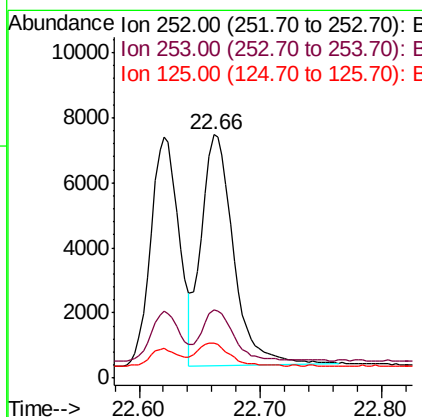
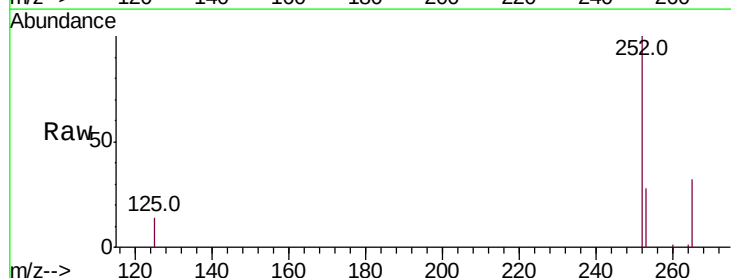
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

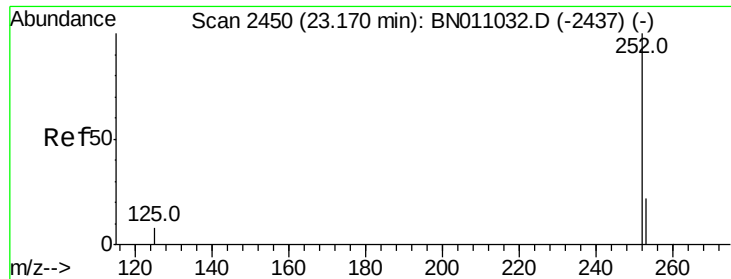
Tot Ion:252 Resp: 11443
Ion Ratio Lower Upper
252 100
253 27.8 21.4 32.0
125 12.2 9.3 13.9



#38
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 22.66 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BN011065.D
Acq: 29 Jun 2020 09:57

Tgt Ion:252 Resp: 13039
Ion Ratio Lower Upper
252 100
253 28.3 21.8 32.6
125 14.3 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.329 ng

RT: 23.16 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

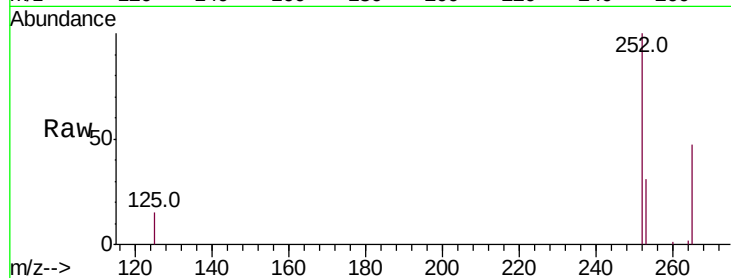
Tot Ion:252 Resp: 10358

Ion Ratio Lower Upper

252 100

253 30.7 23.1 34.7

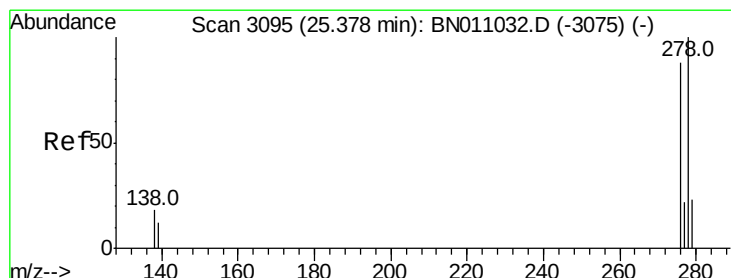
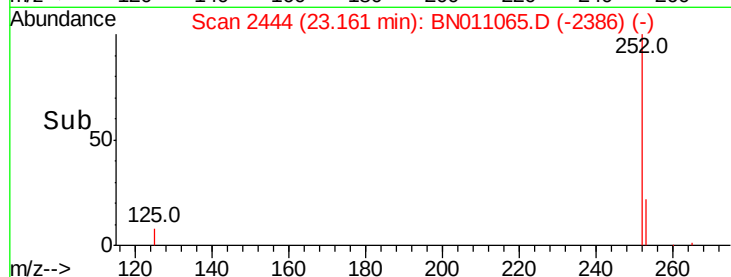
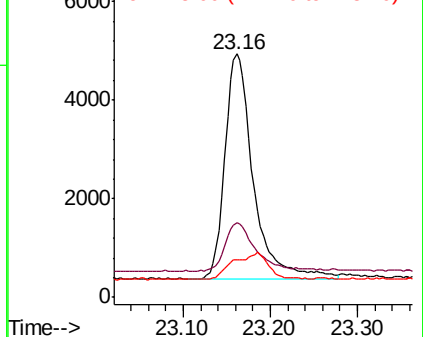
125 15.2 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.221 ng

RT: 25.37 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

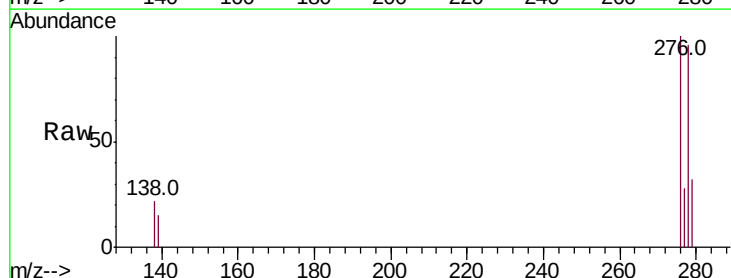
Tgt Ion:278 Resp: 7493

Ion Ratio Lower Upper

278 100

139 16.0 11.2 16.8

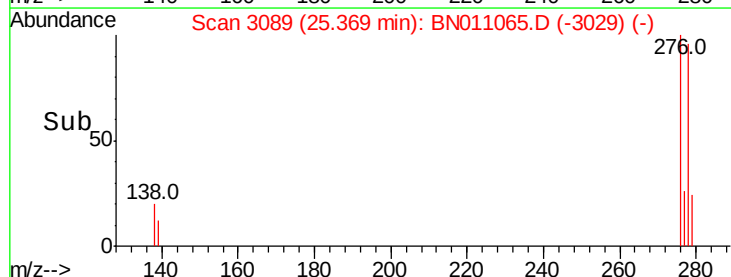
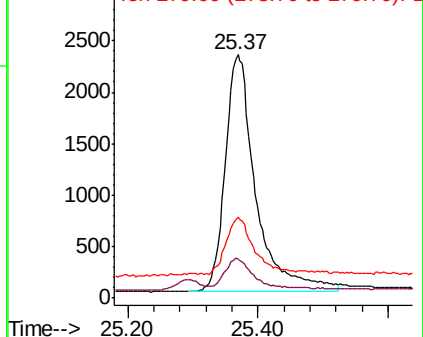
279 33.4 22.6 34.0

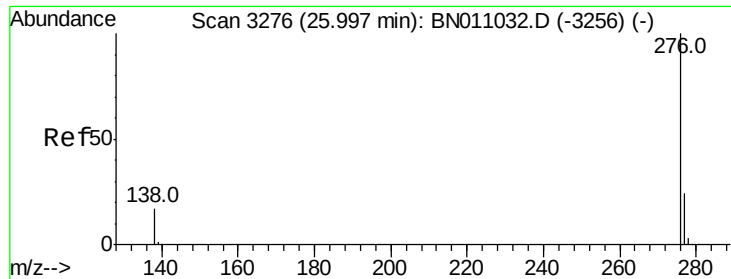


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.251 ng

RT: 25.99 min Scan# 3269

Delta R.T. -0.00 min

Lab File: BN011065.D

Acq: 29 Jun 2020 09:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

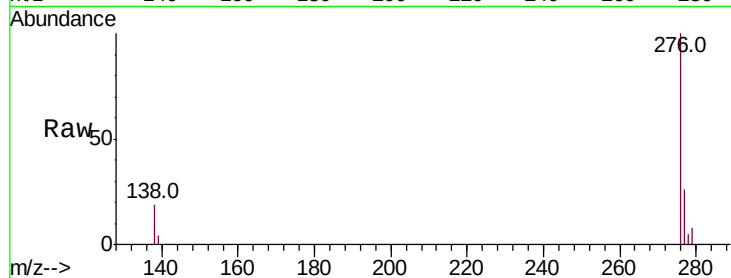
Tot Ion:276 Resp: 8814

Ion Ratio Lower Upper

276 100

277 25.8 20.4 30.6

138 19.4 15.1 22.7



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

