

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
 Data File : BN011058.D
 Acq On : 26 Jun 2020 14:18
 Operator : CG/JU
 Sample : PB129798BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129798BS

Quant Time: Jun 26 15:41:53 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	2423	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8047	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4248	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8738	0.40	ng	0.00
29) Chrysene-d12	21.11	240	8058	0.40	ng	0.00
36) Perylene-d12	23.25	264	7500	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2707	0.40	ng	0.00
5) Phenol-d6	6.73	99	3178	0.39	ng	0.00
8) Nitrobenzene-d5	8.66	82	2836	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	5612	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	710	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	8053	0.41	ng	0.00
27) Fluoranthene-d10	18.94	212	11018	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	9177	0.42	ng	0.00

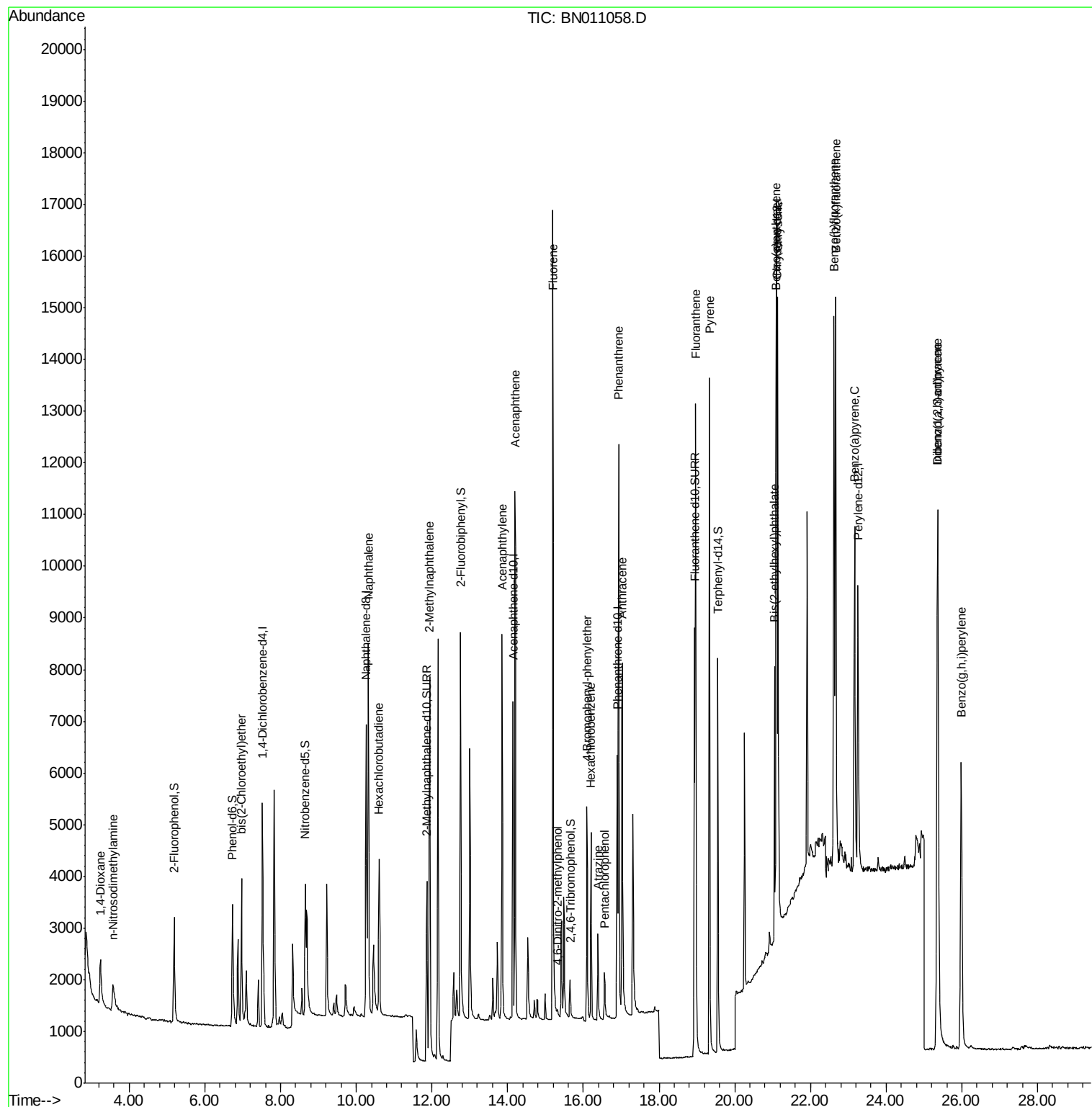
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1244	0.382	ng	96
3) n-Nitrosodimethylamine	3.57	42	647	0.356	ng	# 93
6) bis(2-Chloroethyl)ether	6.97	93	2912	0.417	ng	100
9) Naphthalene	10.32	128	9741	0.399	ng	99
10) Hexachlorobutadiene	10.61	225	2360	0.401	ng	# 100
12) 2-Methylnaphthalene	11.94	142	6272	0.383	ng	99
16) Acenaphthylene	13.85	152	8600	0.402	ng	99
17) Acenaphthene	14.20	154	5848	0.407	ng	100
18) Fluorene	15.20	166	7224	0.394	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	137	0.094	ng	# 31
21) 4-Bromophenyl-phenylether	16.09	248	2343	0.388	ng	96
22) Hexachlorobenzene	16.20	284	2626	0.393	ng	99
23) Atrazine	16.39	200	1640	0.367	ng	98
24) Pentachlorophenol	16.56	266	658	0.311	ng	90
25) Phenanthrene	16.93	178	11980	0.407	ng	100
26) Anthracene	17.03	178	9590	0.392	ng	99
28) Fluoranthene	18.97	202	12920	0.384	ng	100
30) Pyrene	19.33	202	12833	0.414	ng	100
32) Benzo(a)anthracene	21.10	228	10928	0.391	ng	99
33) Chrysene	21.14	228	12616	0.415	ng	98
34) Bis(2-ethylhexyl)phthalate	21.06	149	4502	0.401	ng	99
35) Indeno(1,2,3-cd)pyrene	25.35	276	13933	0.412	ng	100
37) Benzo(b)fluoranthene	22.63	252	13602	0.459	ng	98
38) Benzo(k)fluoranthene	22.67	252	13339	0.433	ng	98
39) Benzo(a)pyrene	23.16	252	10788	0.409	ng	97
40) Dibenzo(a,h)anthracene	25.37	278	11475	0.404	ng	98
41) Benzo(g,h,i)perylene	25.99	276	11475	0.390	ng	100

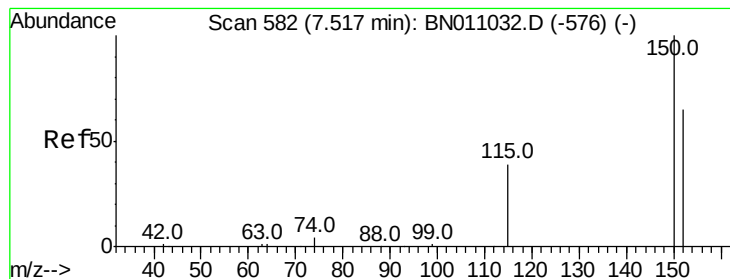
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 11:59:47 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

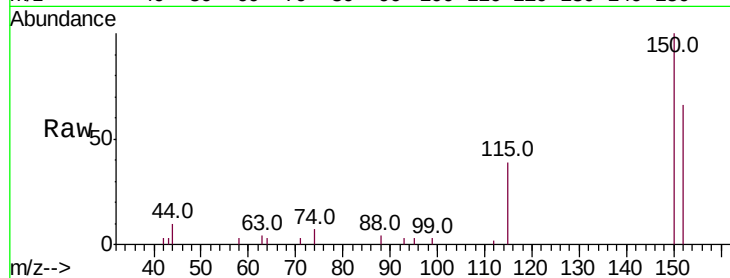
Tot Ion:152 Resp: 2423

Ion Ratio Lower Upper

152 100

150 151.1 121.8 182.8

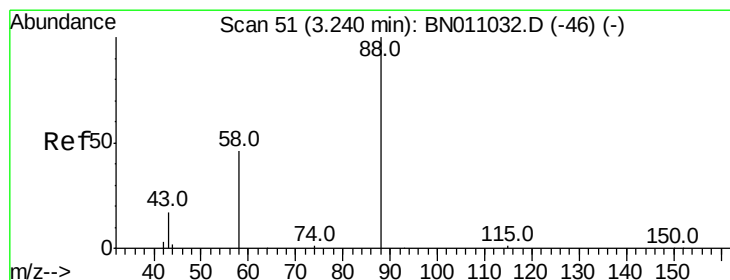
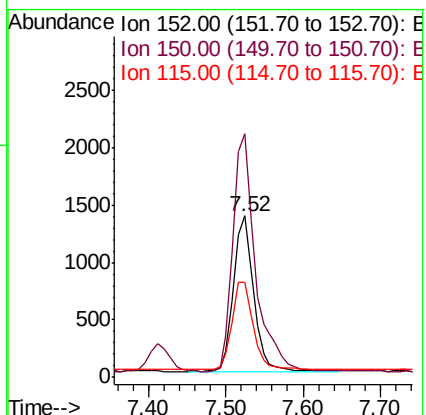
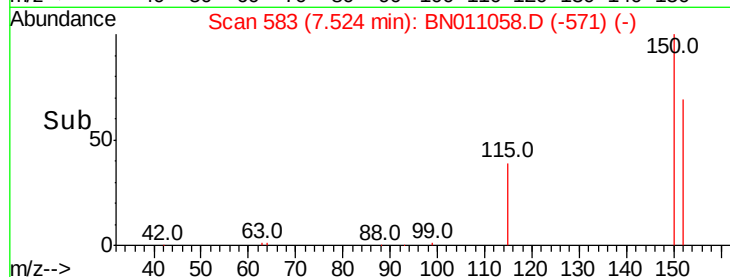
115 58.7 50.2 75.2



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: 0.382 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

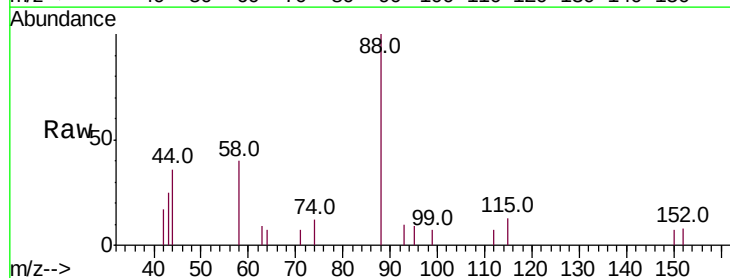
Tgt Ion: 88 Resp: 1244

Ion Ratio Lower Upper

88 100

58 51.0 38.4 57.6

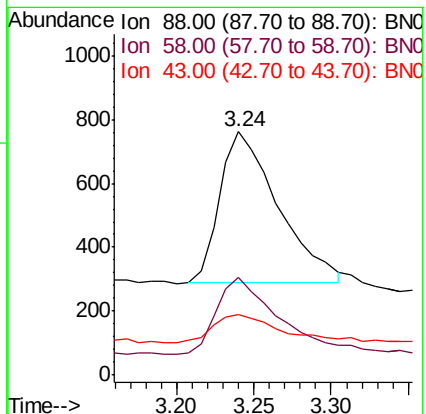
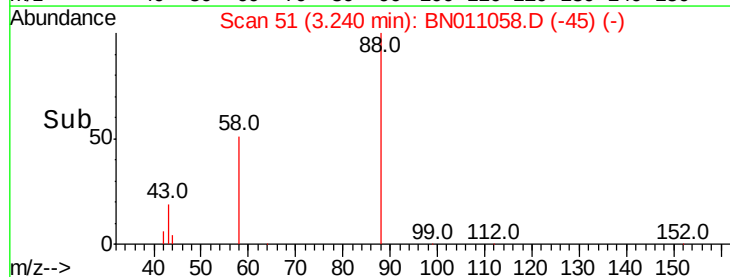
43 16.5 14.2 21.4

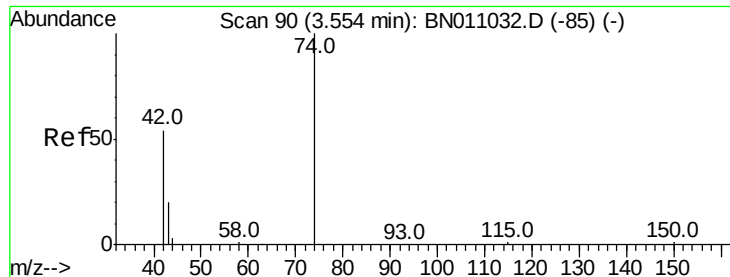


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



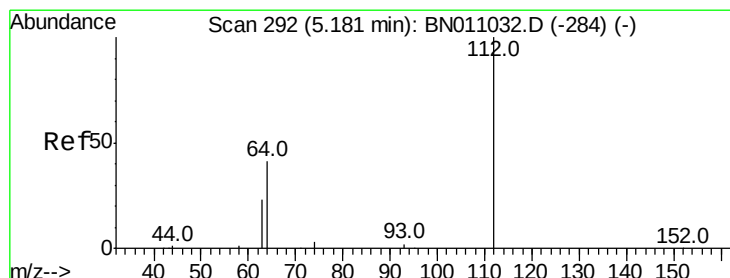
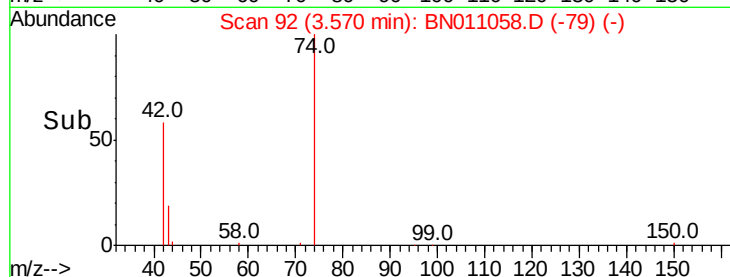
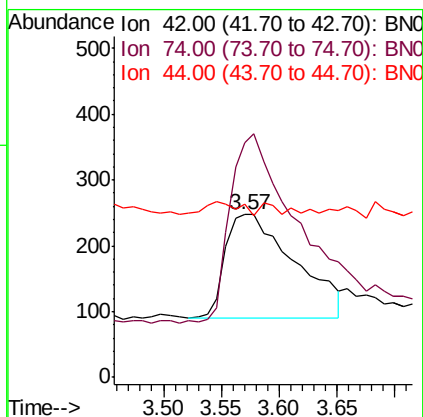
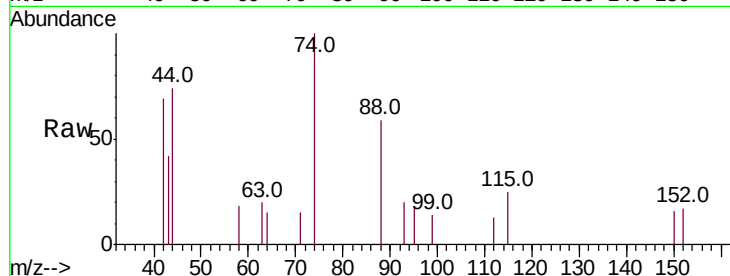


#3

n-Nitrosodimethylamine
 Concen: 0.356 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BN011058.D
 Acq: 26 Jun 2020 14:18

Instrument :
 BNA_N
 ClientSampleId :
 PB129798BS

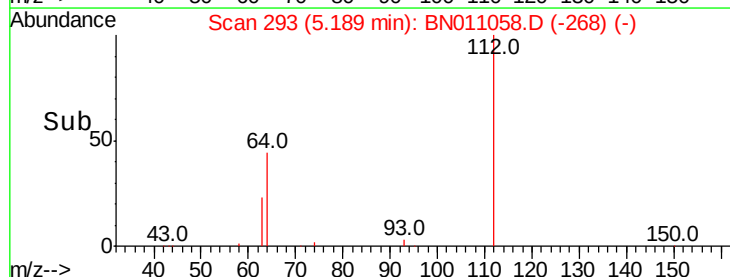
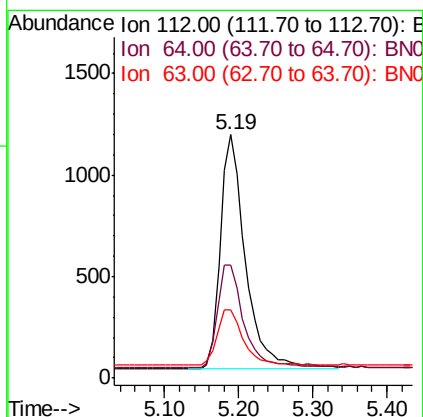
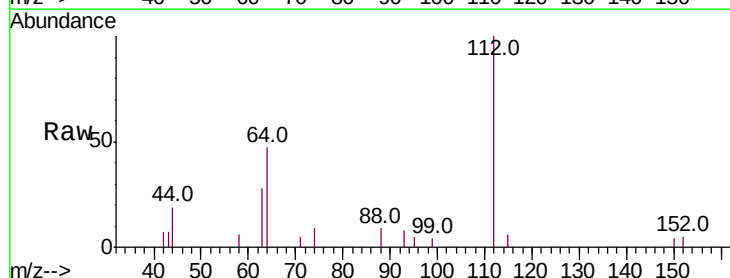
Tot Ion: 42 Resp: 647
 Ion Ratio Lower Upper
 42 100
 74 182.7 154.8 232.2
 44 2.8 4.8 7.2#

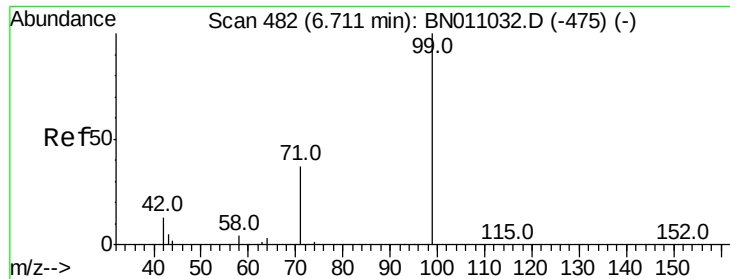


#4

2-Fluorophenol
 Concen: 0.396 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: BN011058.D
 Acq: 26 Jun 2020 14:18

Tgt Ion: 112 Resp: 2707
 Ion Ratio Lower Upper
 112 100
 64 46.0 37.3 55.9
 63 24.9 20.4 30.6





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

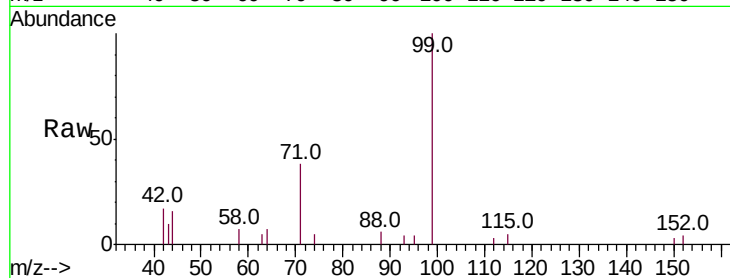
Tot Ion: 99 Resp: 3178

Ion Ratio Lower Upper

99 100

42 13.5 10.6 16.0

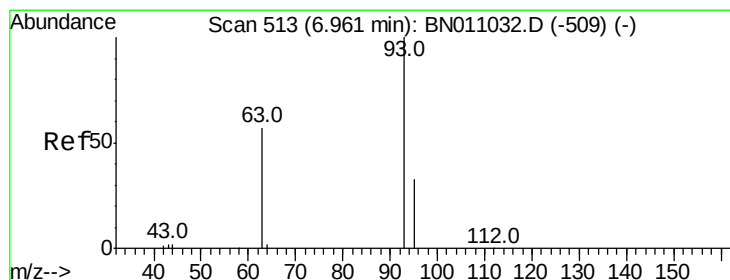
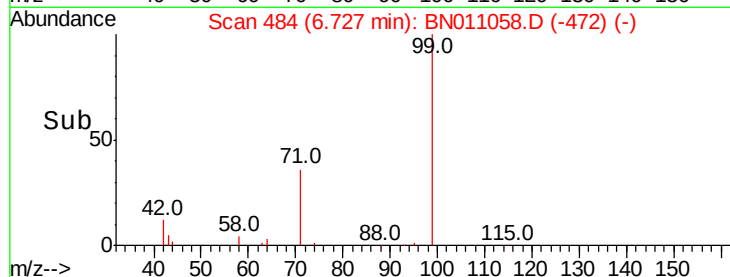
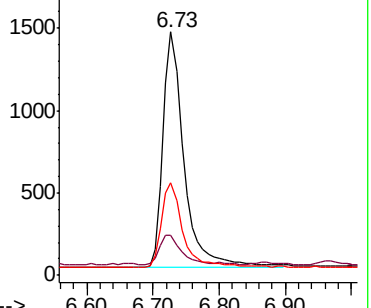
71 36.3 28.7 43.1



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: 0.417 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

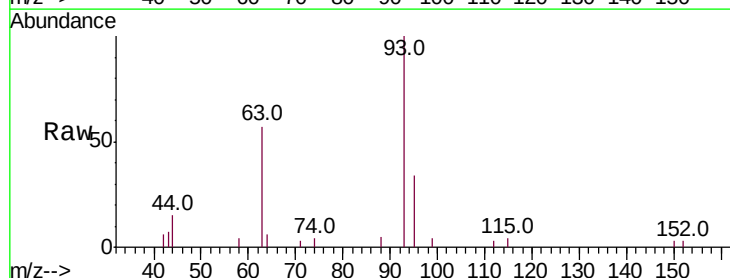
Tgt Ion: 93 Resp: 2912

Ion Ratio Lower Upper

93 100

63 54.6 43.7 65.5

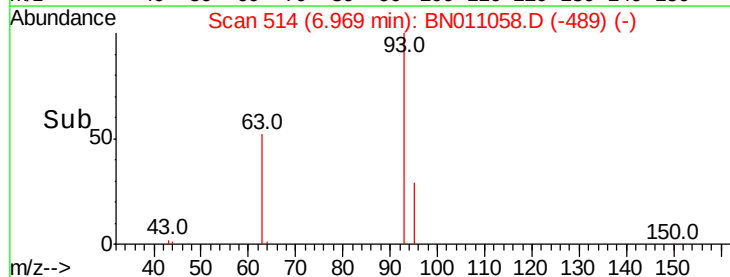
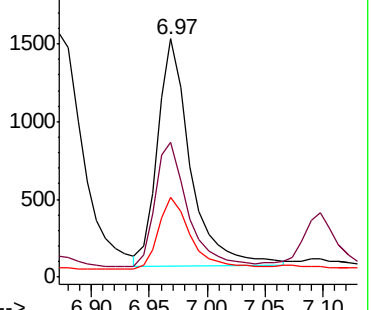
95 30.9 25.3 37.9

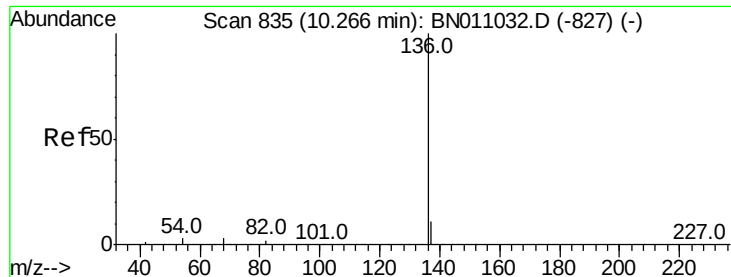


Abundance Ion 93.00 (92.70 to 93.70): BN011032.D (-509) (-)

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: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

Tot Ion:136 Resp: 8047

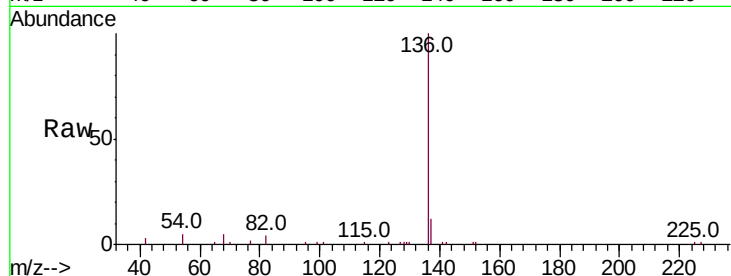
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 4.8 3.0 4.4#

68 5.3 3.4 5.2#

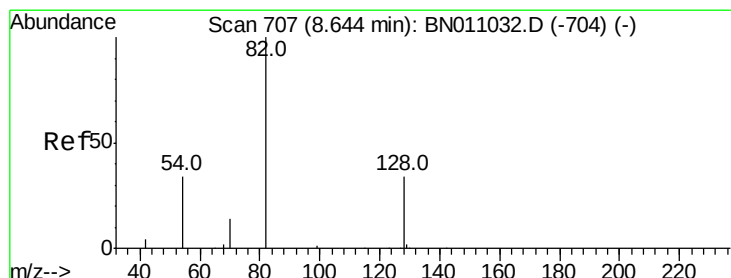
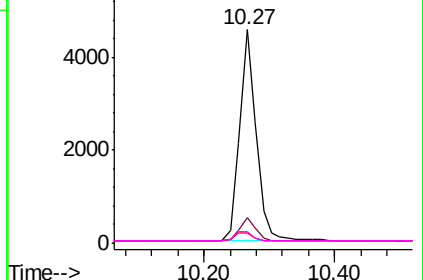
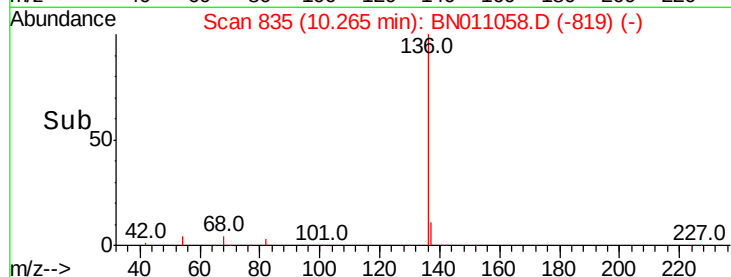


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

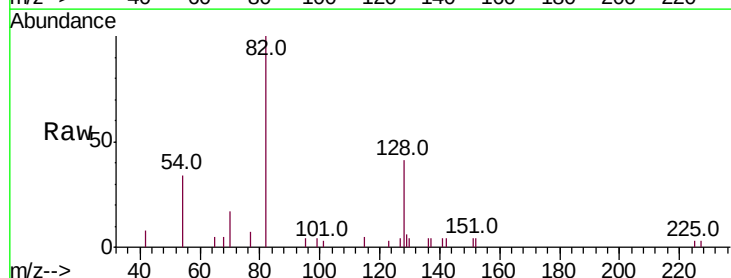
Tgt Ion: 82 Resp: 2836

Ion Ratio Lower Upper

82 100

128 41.3 29.4 44.2

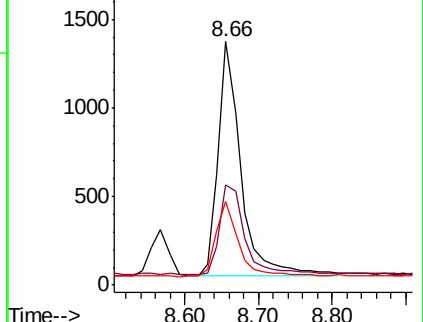
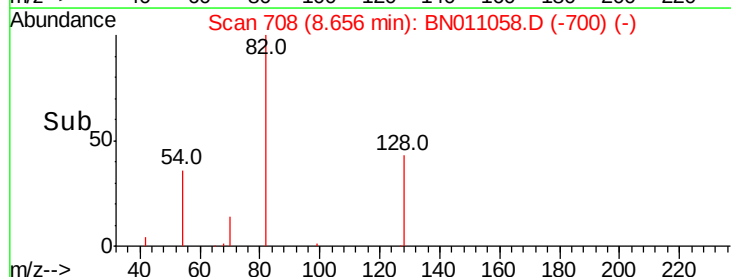
54 34.3 28.8 43.2

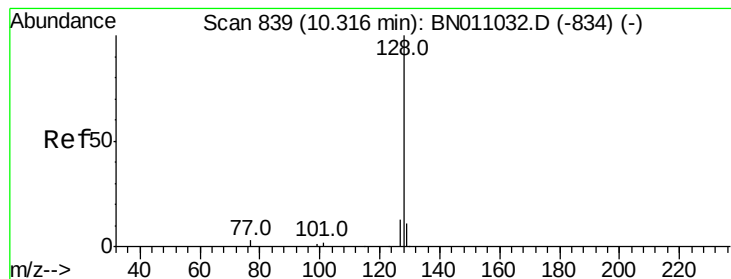


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.399 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

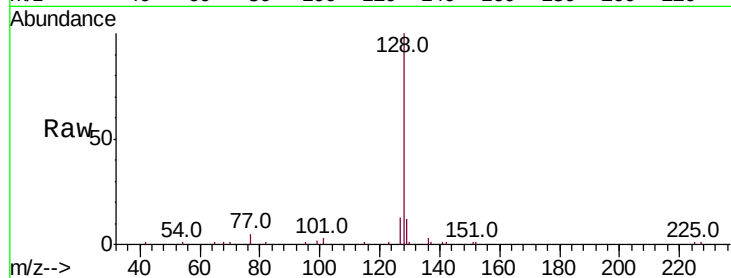
Tot Ion:128 Resp: 9741

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.6

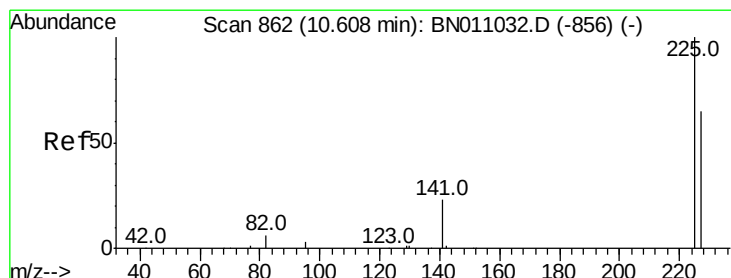
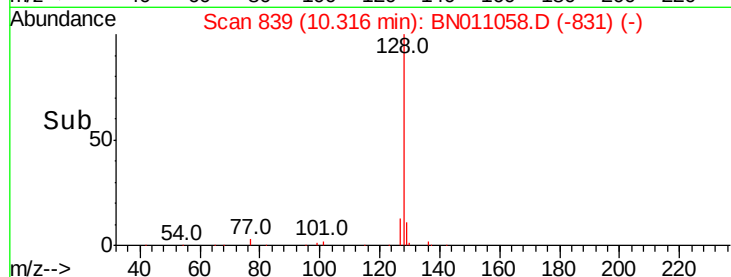
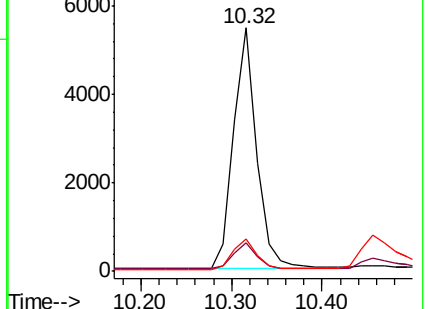
127 13.5 10.9 16.3



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: 0.401 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

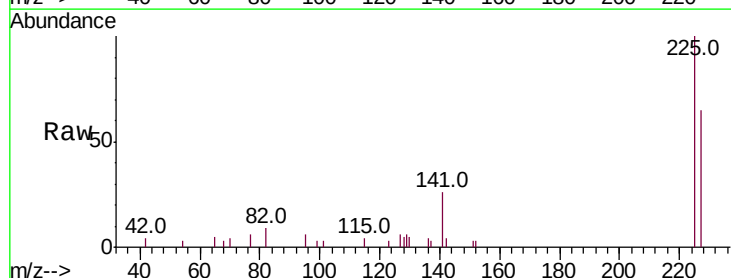
Tgt Ion:225 Resp: 2360

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

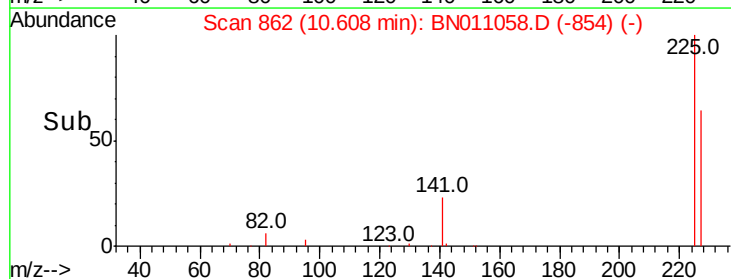
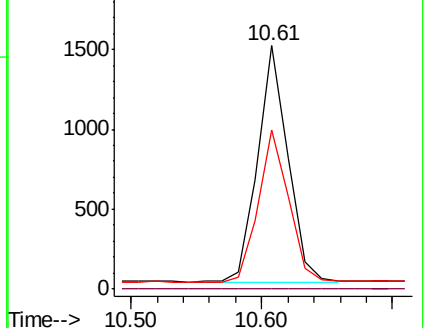
227 64.6 51.7 77.5

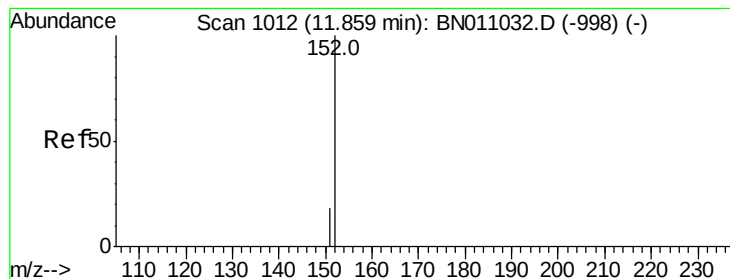


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 11.86 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

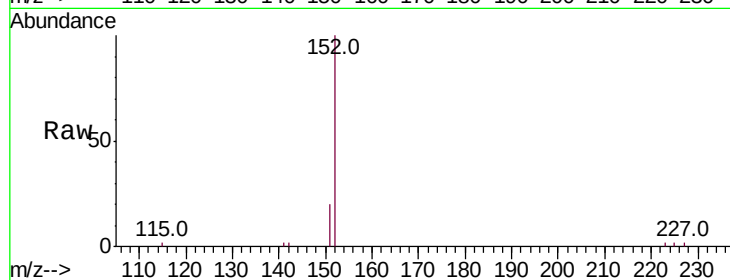
PB129798BS

Tot Ion:152 Resp: 5612

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

3000

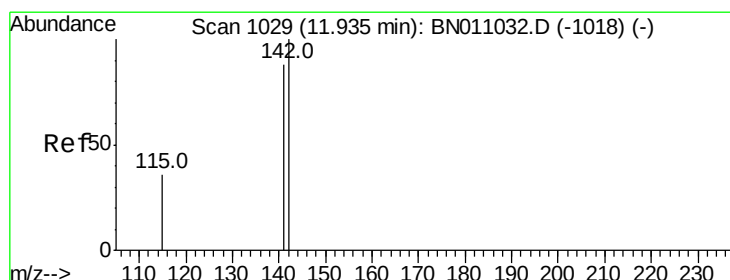
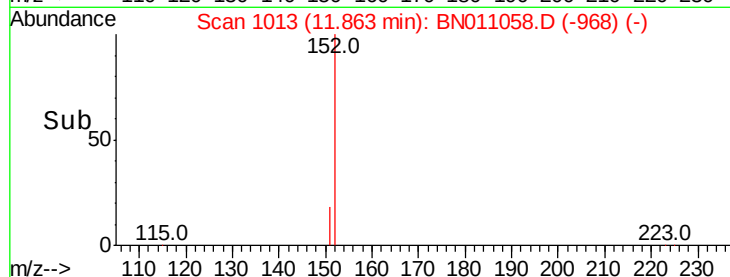
2000

1000

0

11.86

Time-->



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 11.94 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

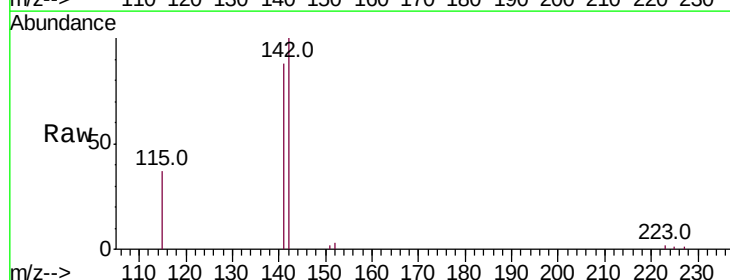
Tgt Ion:142 Resp: 6272

Ion Ratio Lower Upper

142 100

141 87.7 70.6 106.0

115 36.9 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

4000

3000

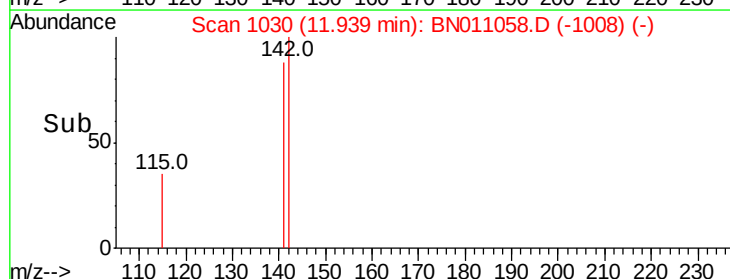
2000

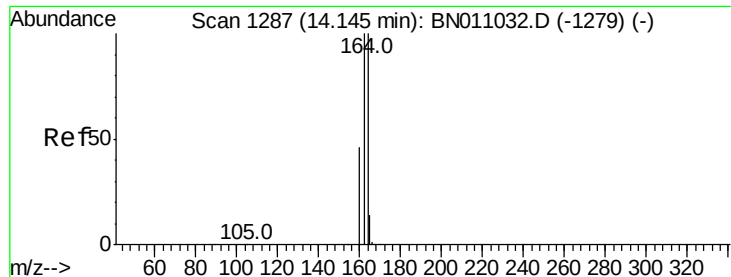
1000

0

11.94

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

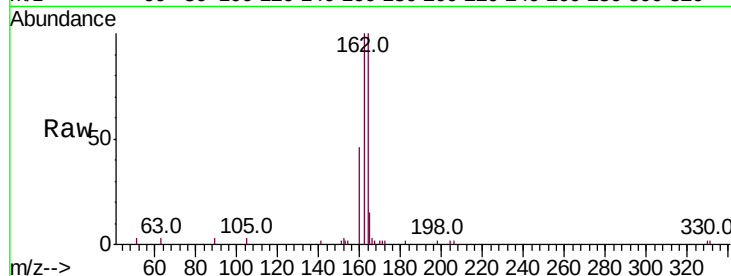
Tot Ion:164 Resp: 4248

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.4

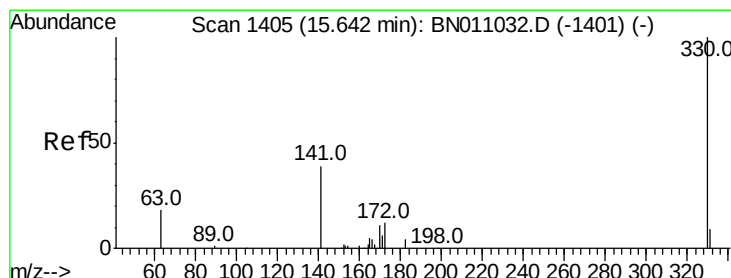
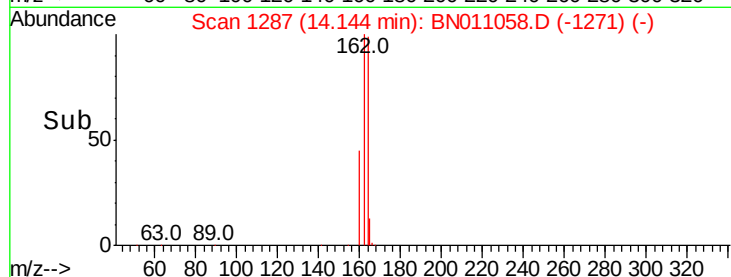
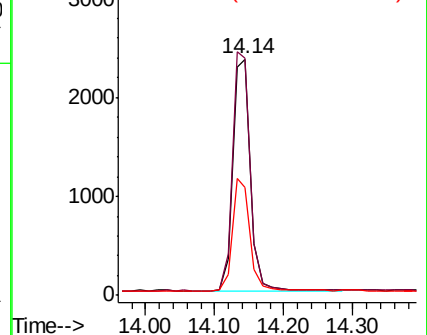
160 45.8 37.7 56.5



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: 0.380 ng

RT: 15.65 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

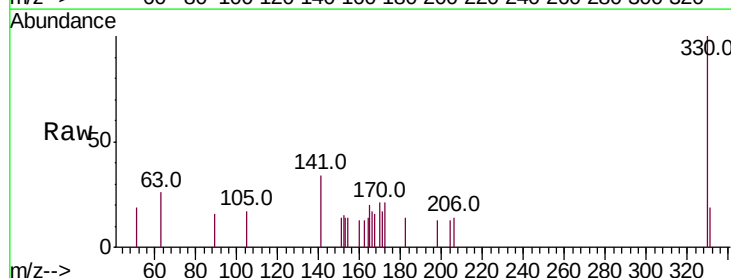
Tgt Ion:330 Resp: 710

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

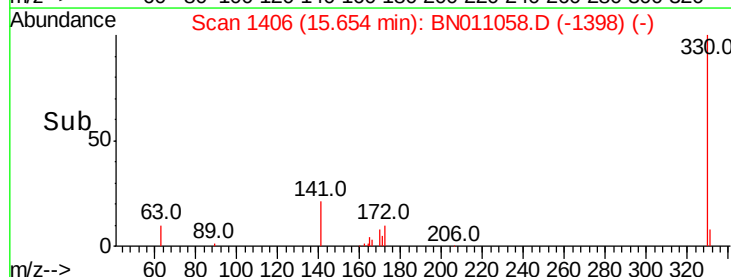
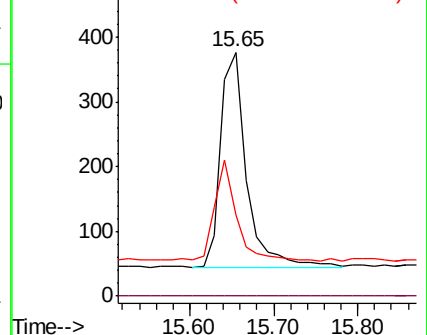
141 40.0 34.5 51.7

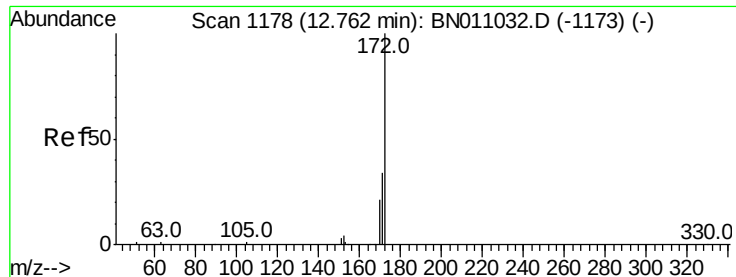


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

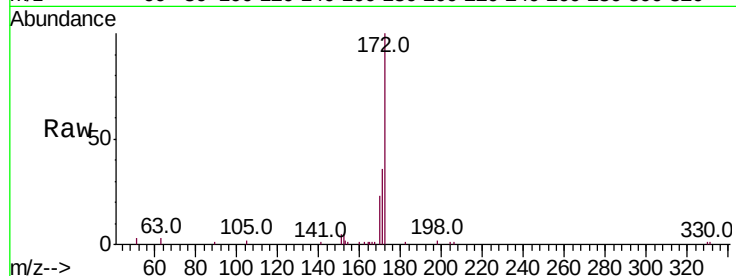




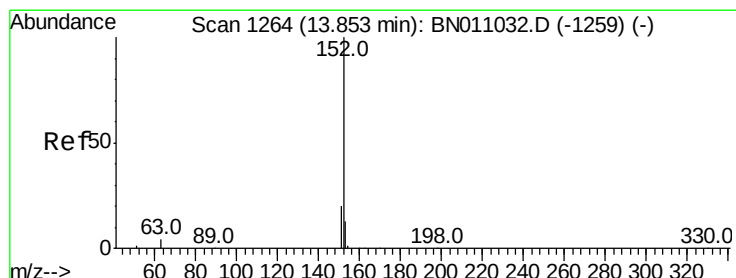
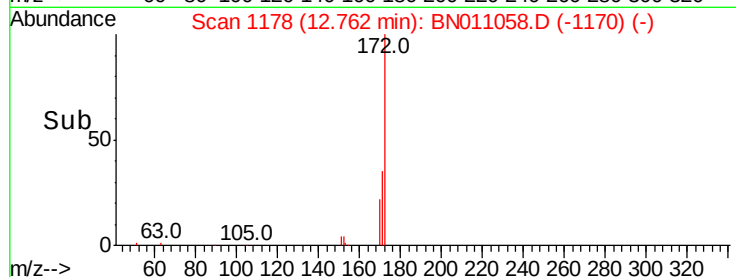
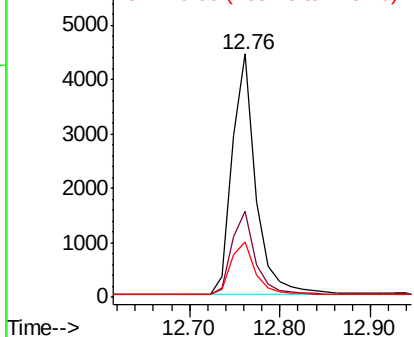
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tot Ion:172 Resp: 8053
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.2
170 22.9 17.5 26.3

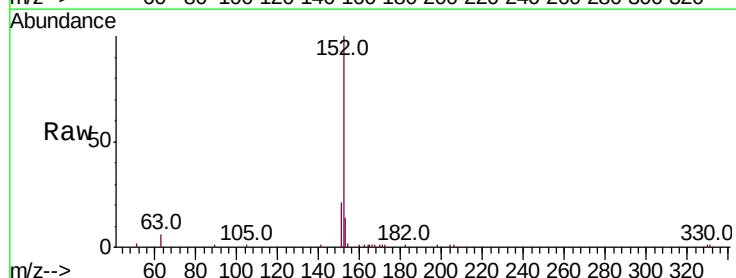


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

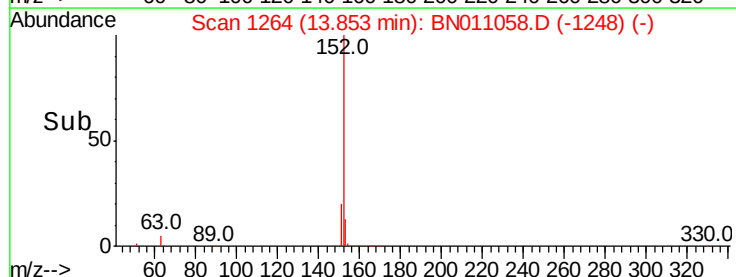
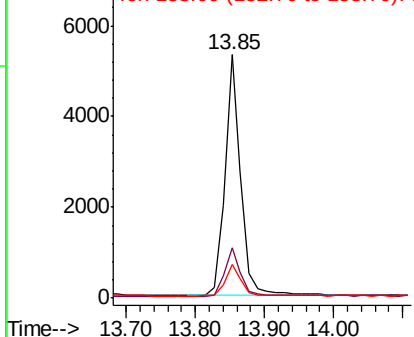


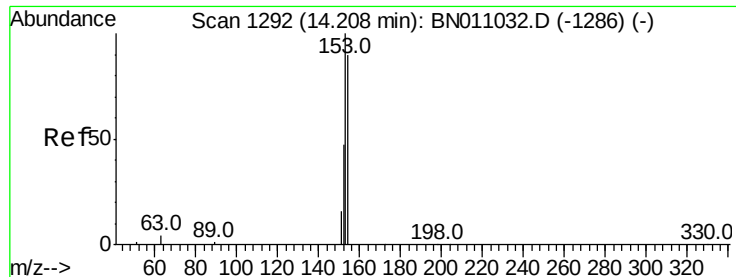
#16
Acenaphthylene
Concen: 0.402 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:152 Resp: 8600
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.3 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

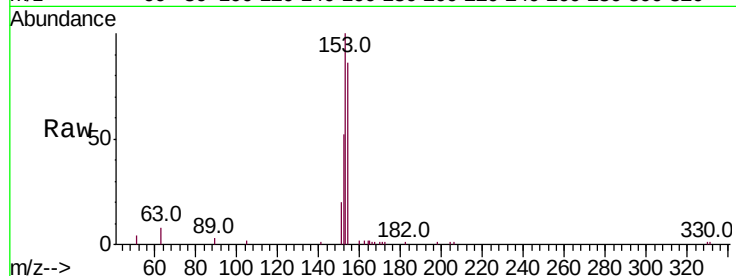
Tot Ion:154 Resp: 5848

Ion Ratio Lower Upper

154 100

153 115.7 92.3 138.5

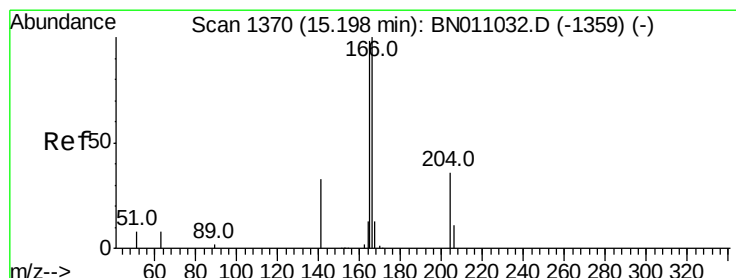
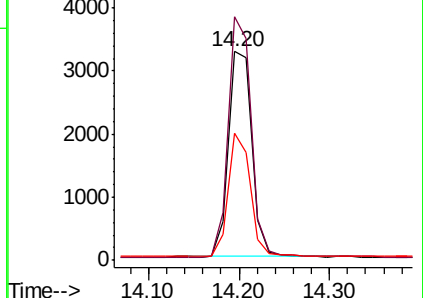
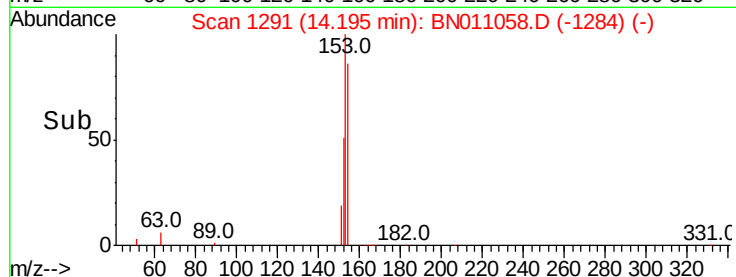
152 57.6 45.5 68.3



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: 0.394 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

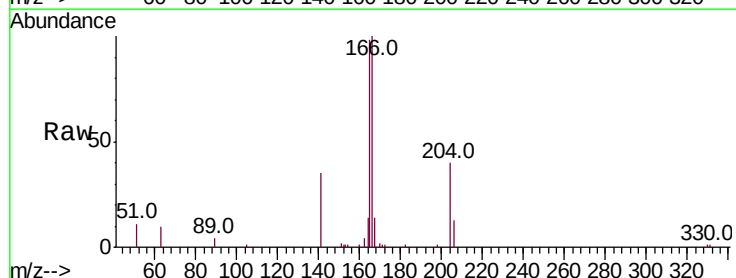
Tgt Ion:166 Resp: 7224

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

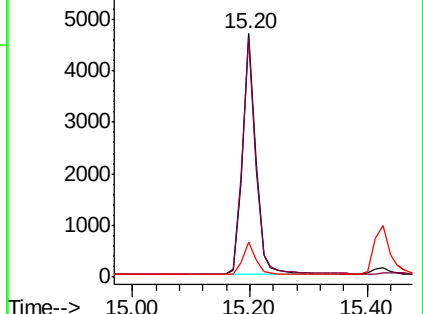
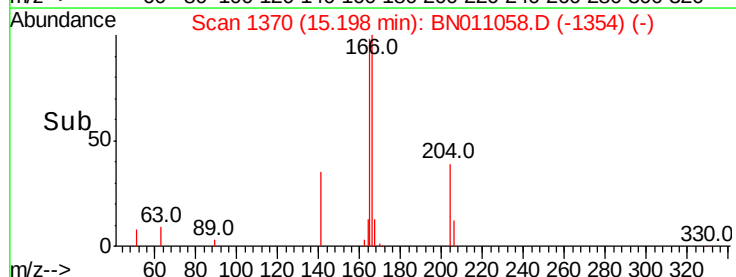
167 13.3 10.8 16.2

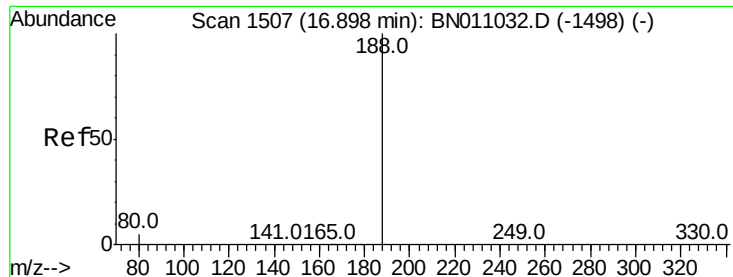


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

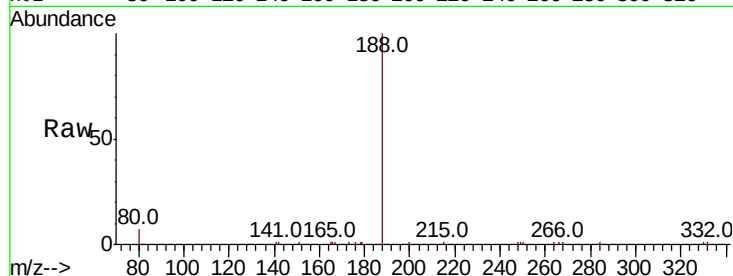
Tot Ion:188 Resp: 8738

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

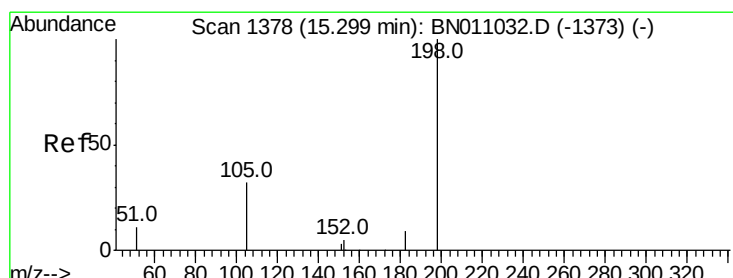
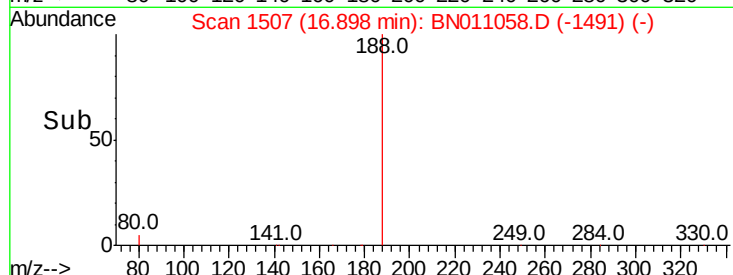
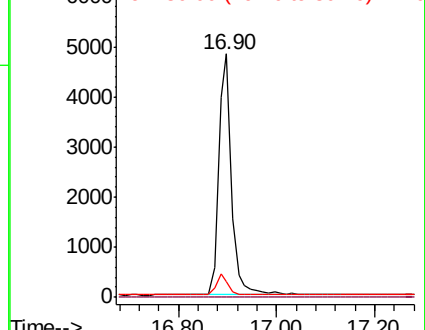
80 6.5 4.6 7.0



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: 0.094 ng

RT: 15.31 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

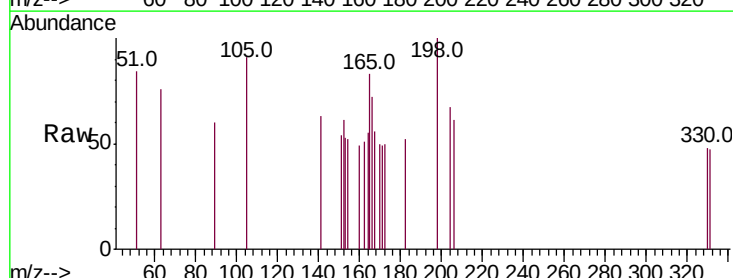
Tgt Ion:198 Resp: 137

Ion Ratio Lower Upper

198 100

51 84.4 29.5 44.3#

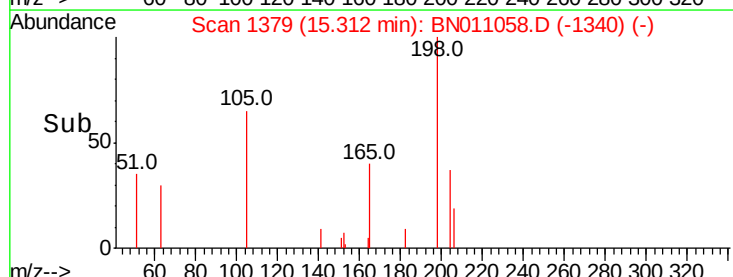
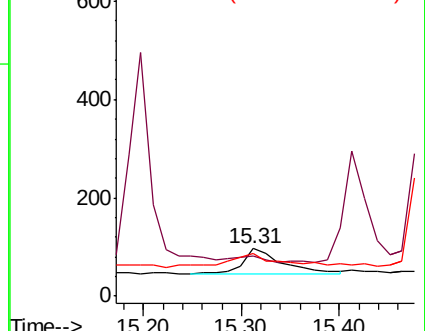
105 90.6 39.2 58.8#

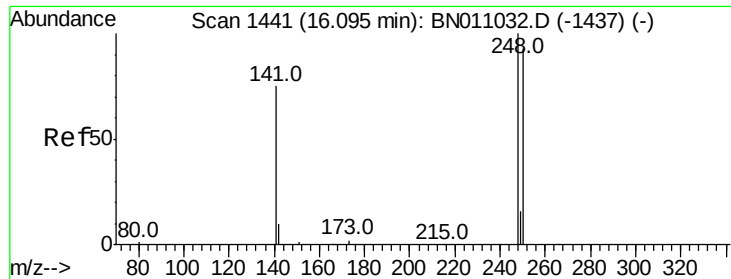


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

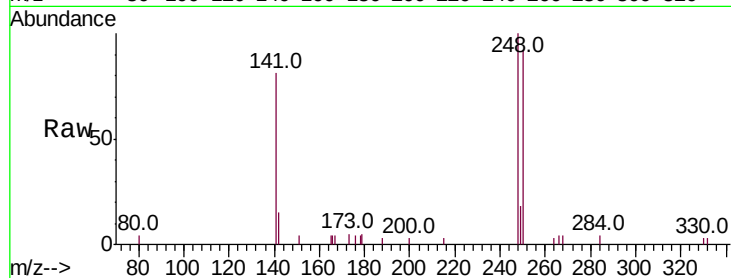




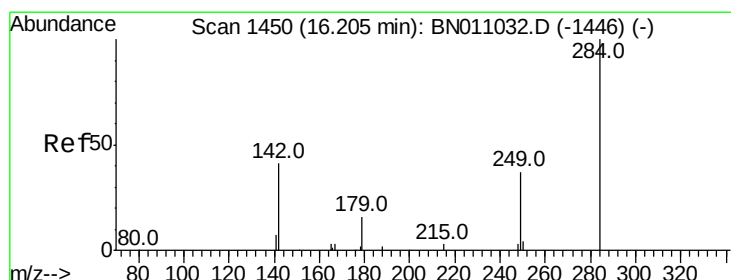
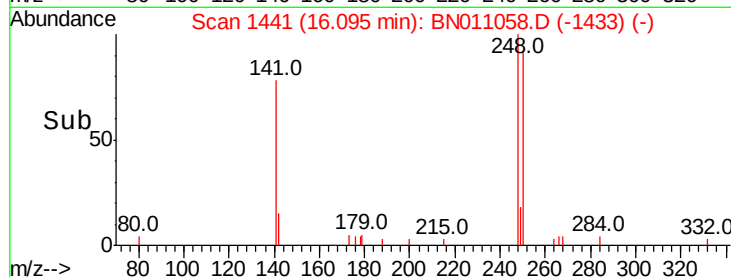
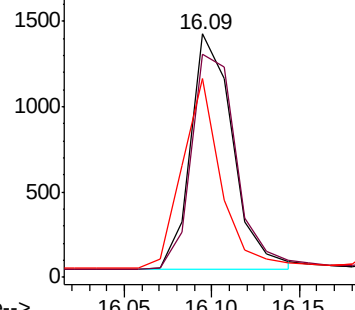
#21
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.09 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tot Ion:248 Resp: 2343
Ion Ratio Lower Upper
248 100
250 91.8 74.6 111.8
141 81.4 60.9 91.3

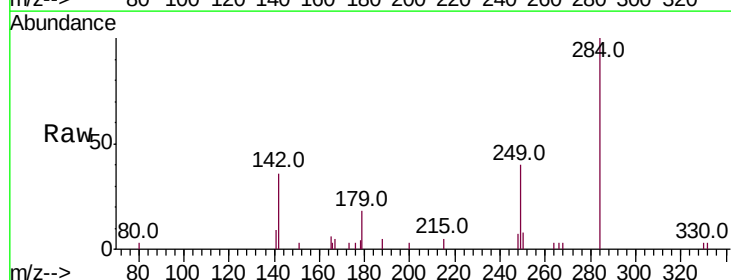


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

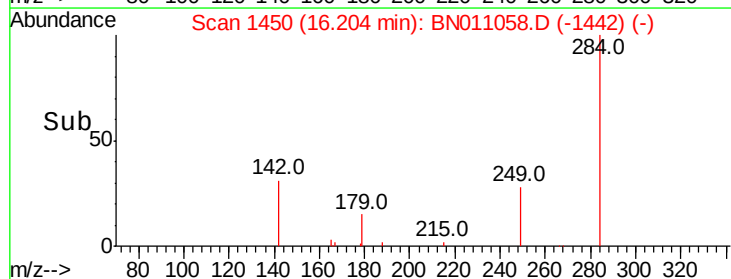
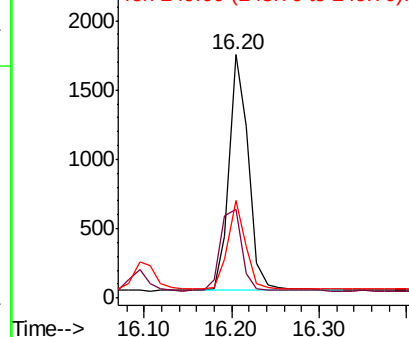


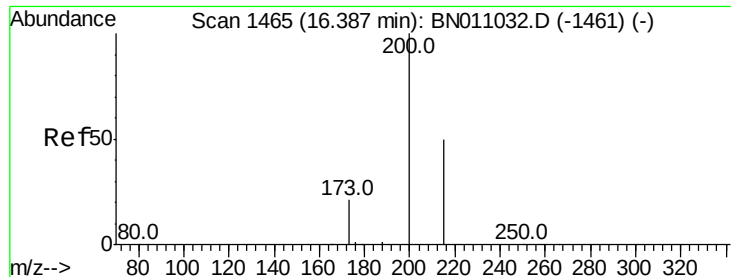
#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:284 Resp: 2626
Ion Ratio Lower Upper
284 100
142 39.1 30.4 45.6
249 34.3 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.367 ng

RT: 16.39 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

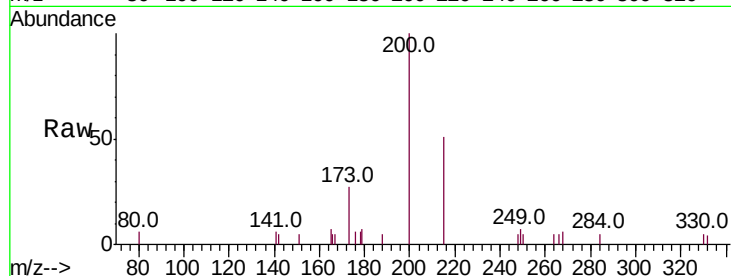
Tot Ion:200 Resp: 1640

Ion Ratio Lower Upper

200 100

173 26.9 19.4 29.2

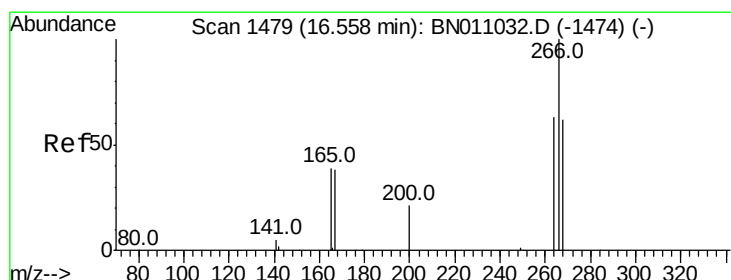
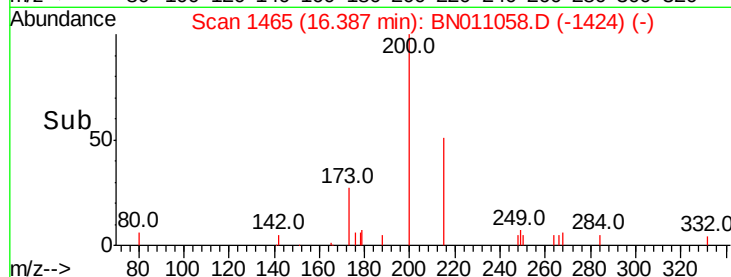
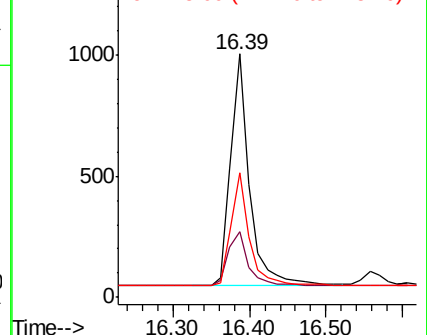
215 51.0 41.5 62.3



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: 0.311 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

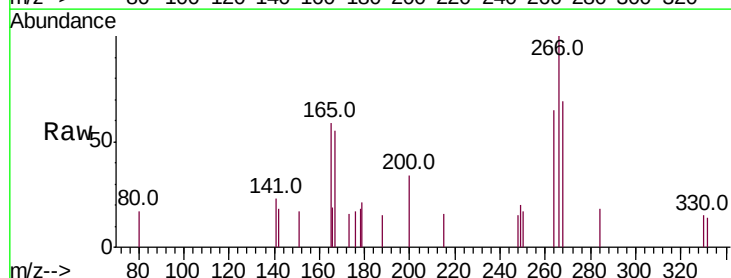
Tgt Ion:266 Resp: 658

Ion Ratio Lower Upper

266 100

264 59.6 51.4 77.0

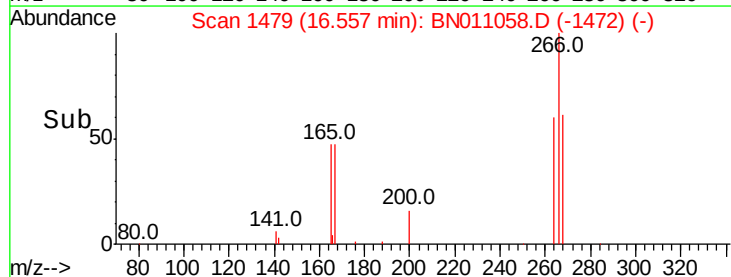
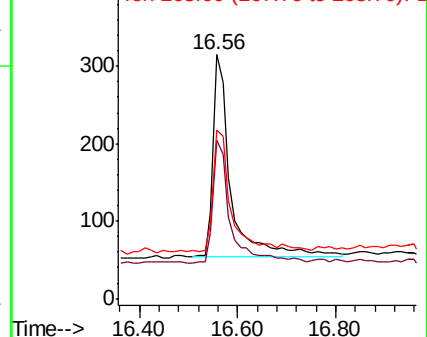
268 58.1 54.9 82.3

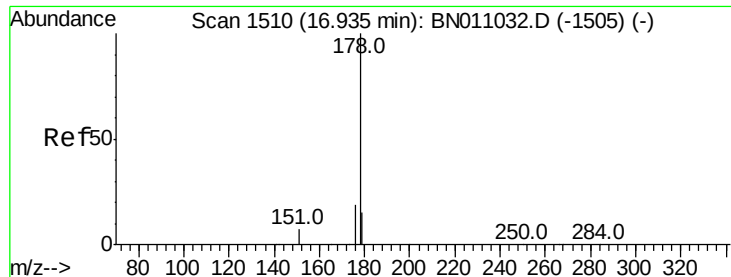


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.407 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

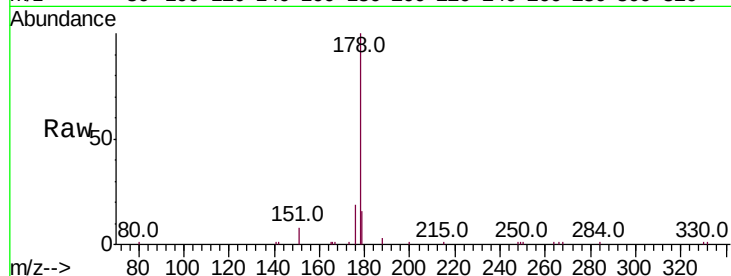
Tot Ion:178 Resp: 11980

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

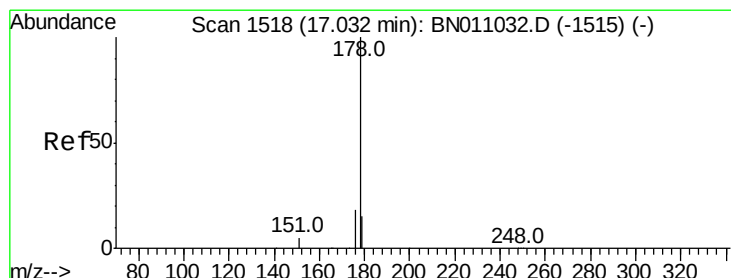
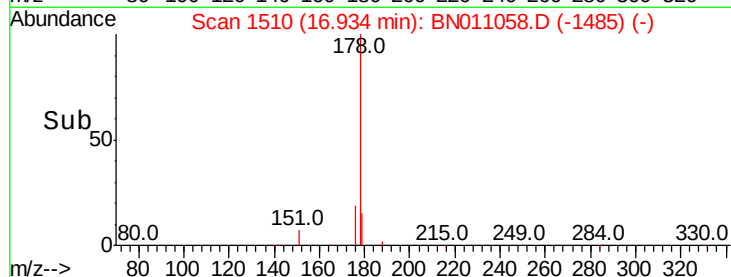
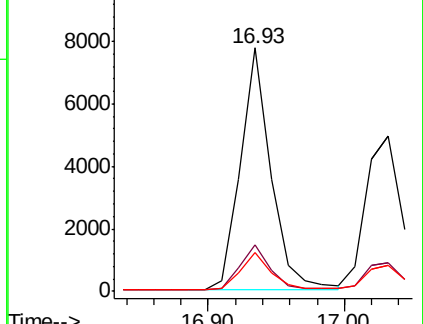
179 15.6 12.3 18.5



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: 0.392 ng

RT: 17.03 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

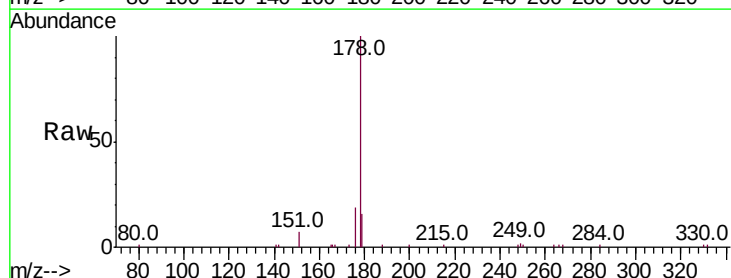
Tgt Ion:178 Resp: 9590

Ion Ratio Lower Upper

178 100

176 17.7 14.7 22.1

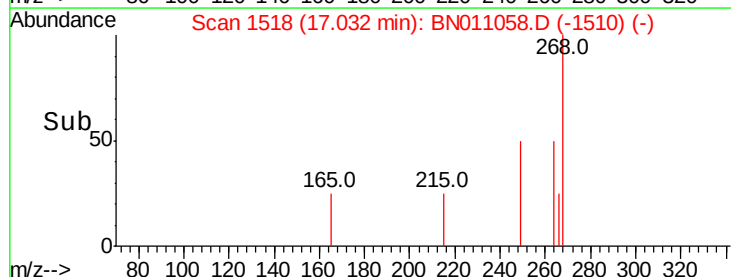
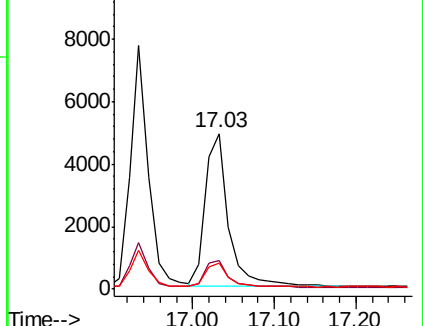
179 15.7 12.2 18.4

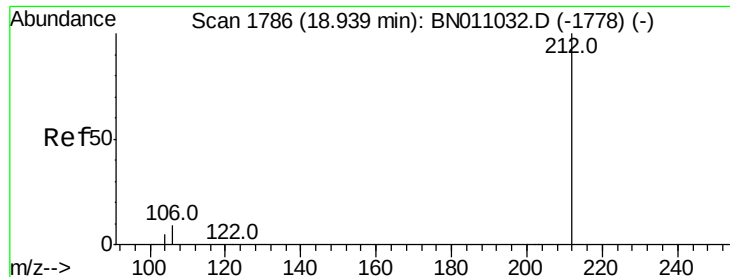


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

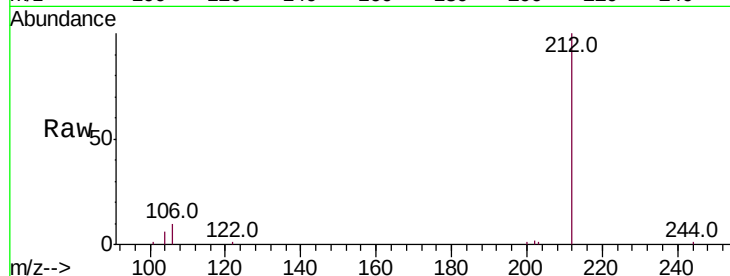




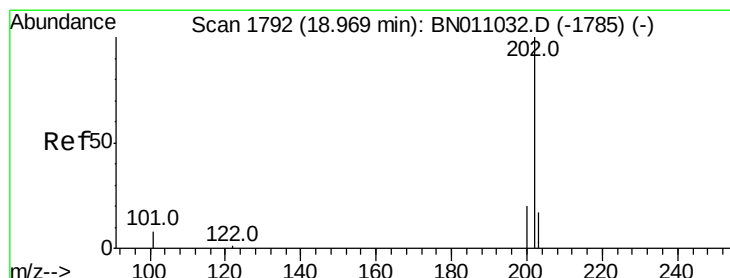
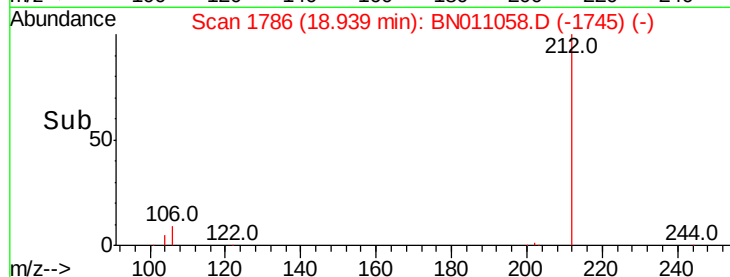
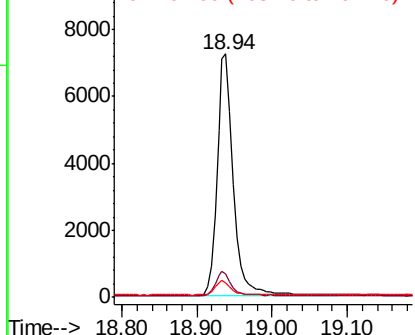
#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 18.94 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tot Ion:212 Resp: 11018
Ion Ratio Lower Upper
212 100
106 9.5 7.7 11.5
104 5.8 4.6 6.8

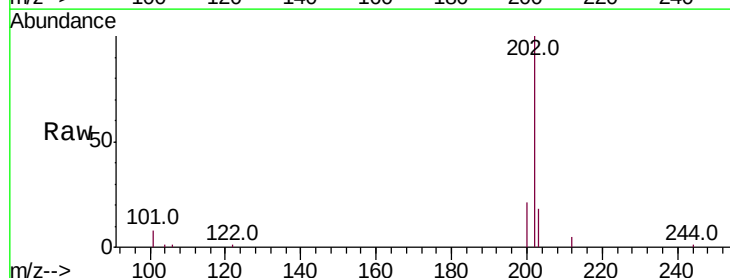


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

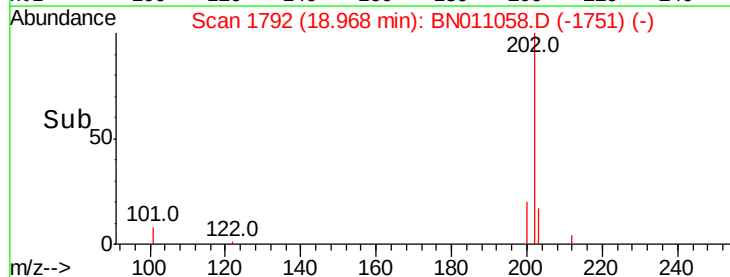
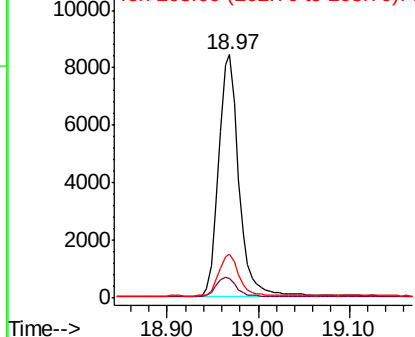


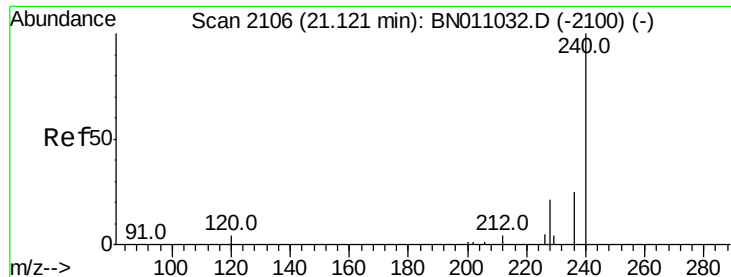
#28
Fluoranthene
Concen: 0.384 ng
RT: 18.97 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:202 Resp: 12920
Ion Ratio Lower Upper
202 100
101 8.2 6.6 10.0
203 17.1 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

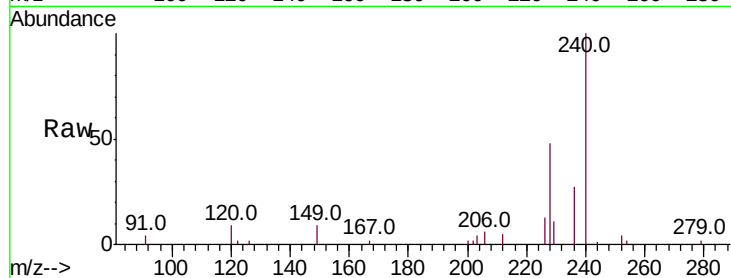




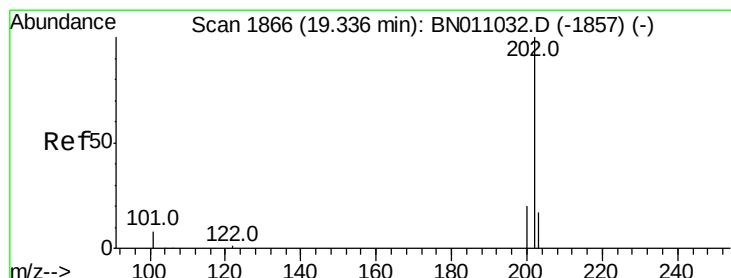
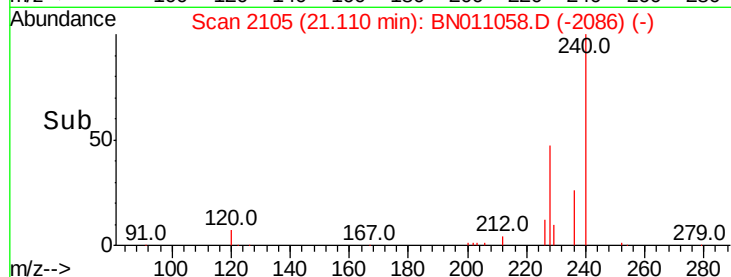
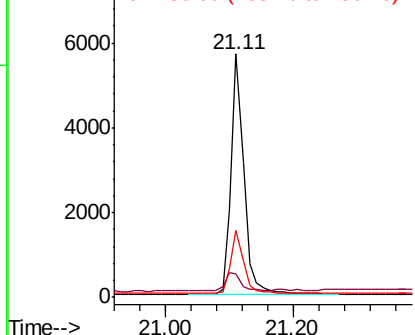
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tot Ion:240 Resp: 8058
Ion Ratio Lower Upper
240 100
120 9.4 5.4 8.0#
236 27.5 21.4 32.2

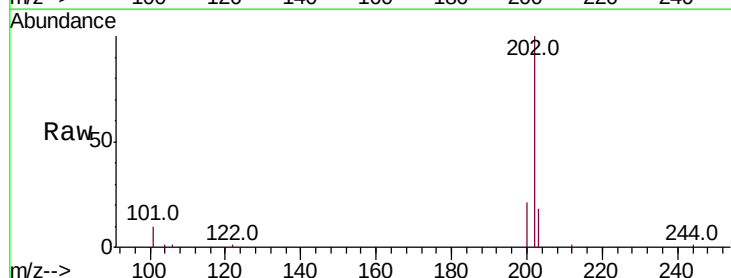


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

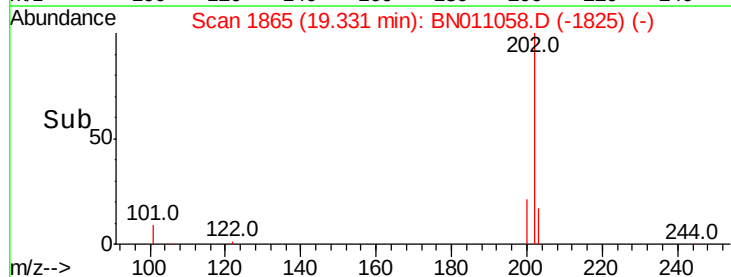
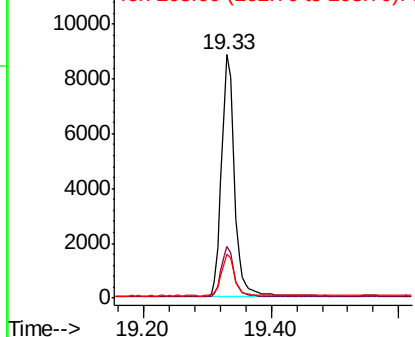


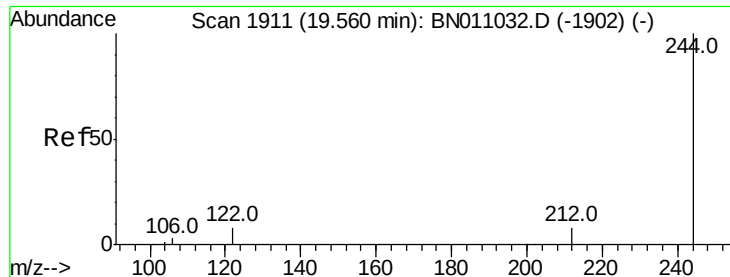
#30
Pyrene
Concen: 0.414 ng
RT: 19.33 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:202 Resp: 12833
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.6 14.2 21.2



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: 0.424 ng

RT: 19.55 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

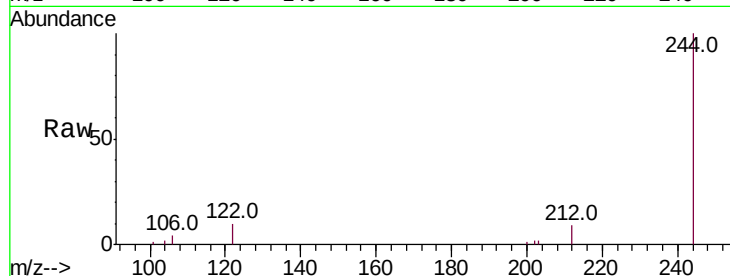
Tot Ion:244 Resp: 9177

Ion Ratio Lower Upper

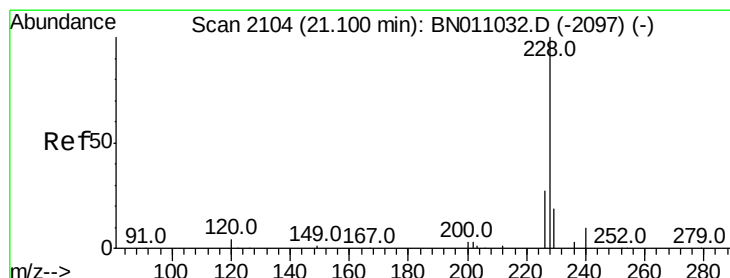
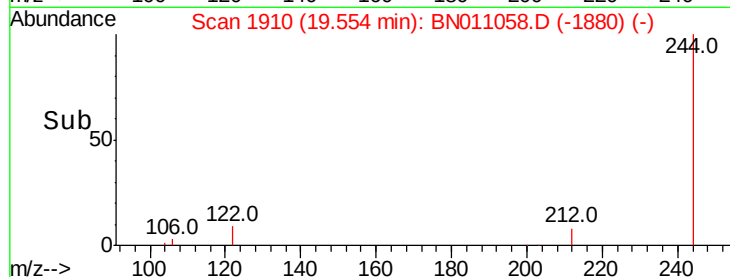
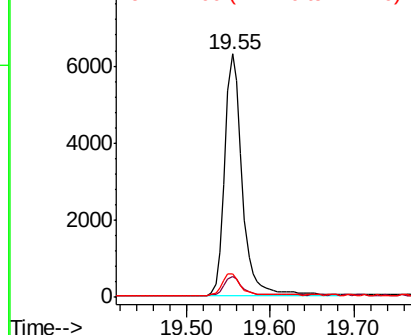
244 100

212 8.8 6.9 10.3

122 9.9 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: 0.391 ng

RT: 21.10 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

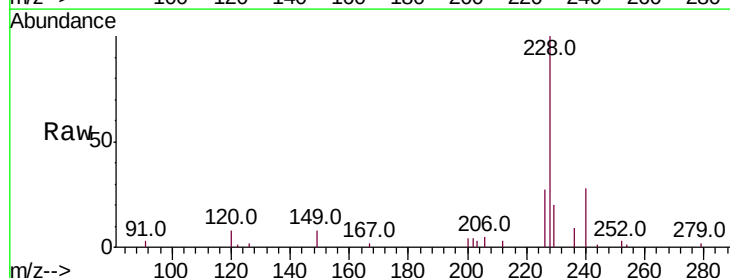
Tgt Ion:228 Resp: 10928

Ion Ratio Lower Upper

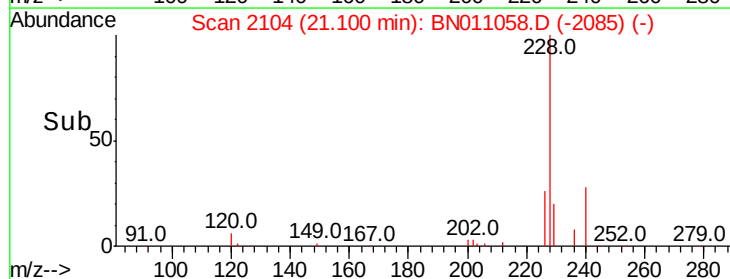
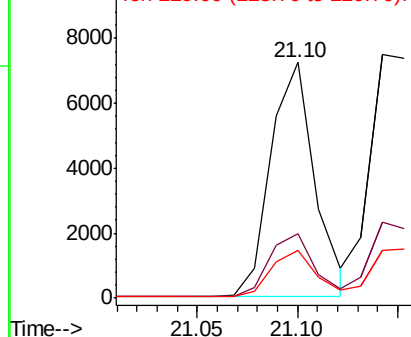
228 100

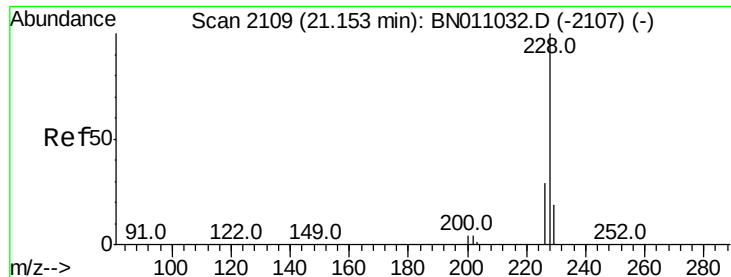
226 27.1 22.0 33.0

229 20.4 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: 0.415 ng

RT: 21.14 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

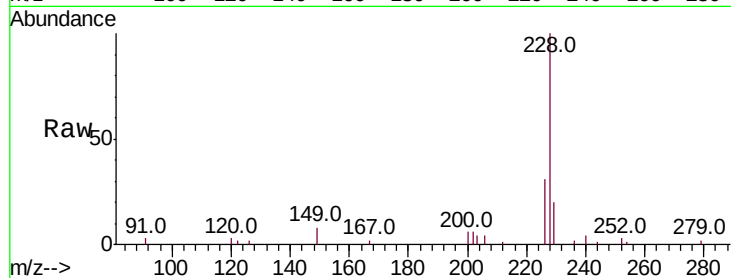
Tot Ion:228 Resp: 12616

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.6

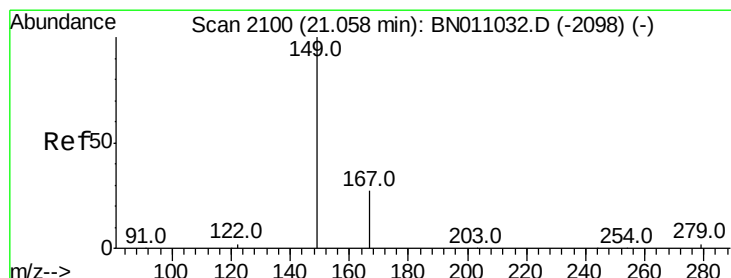
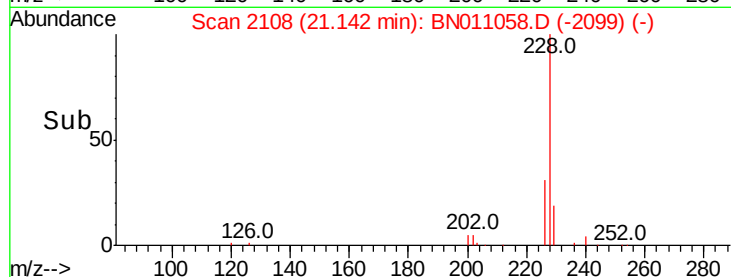
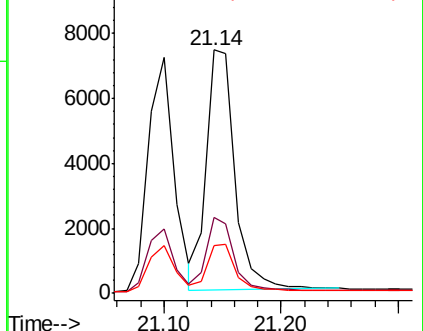
229 19.7 15.8 23.6



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.401 ng

RT: 21.06 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

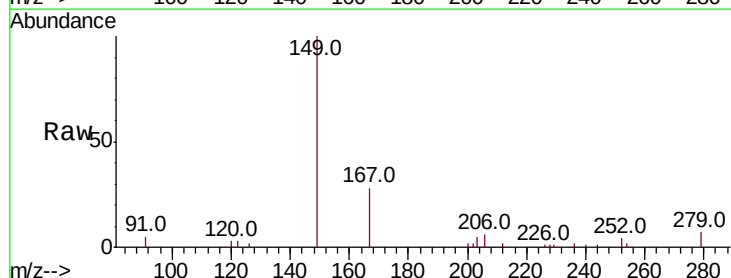
Tgt Ion:149 Resp: 4502

Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

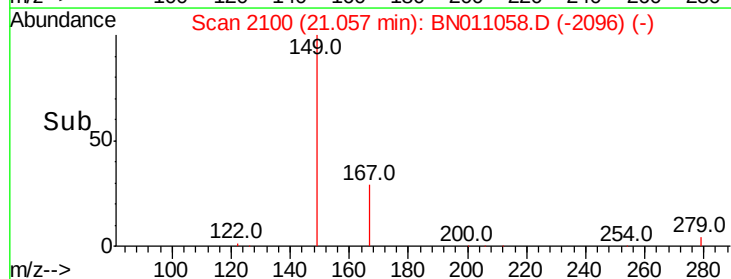
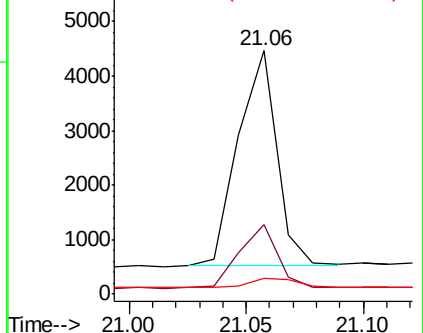
279 4.9 3.9 5.9

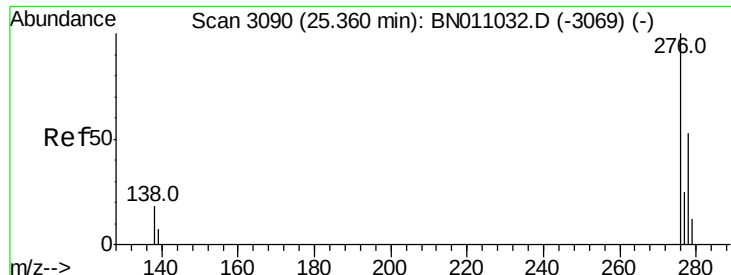


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng

RT: 25.35 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

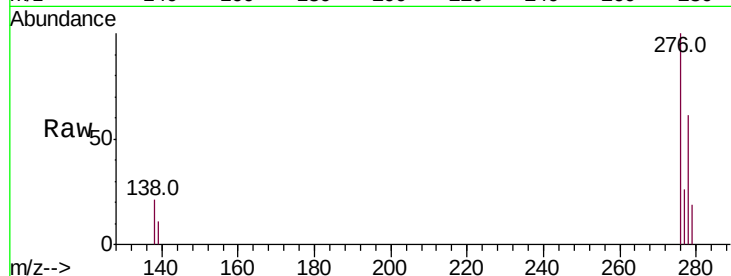
Tot Ion:276 Resp: 13933

Ion Ratio Lower Upper

276 100

138 20.3 16.2 24.2

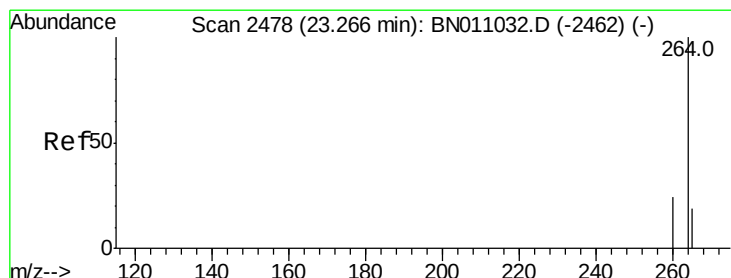
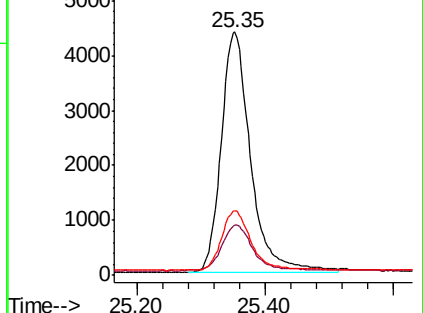
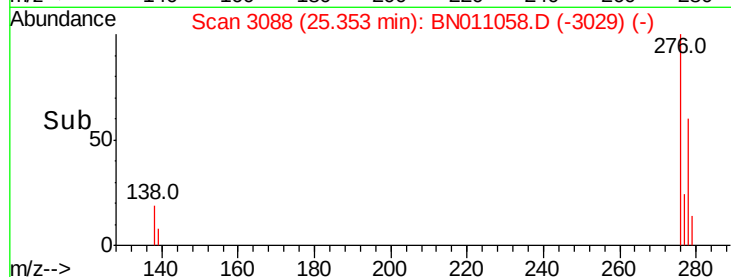
277 24.7 19.9 29.9



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# 2475

Delta R.T. 0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

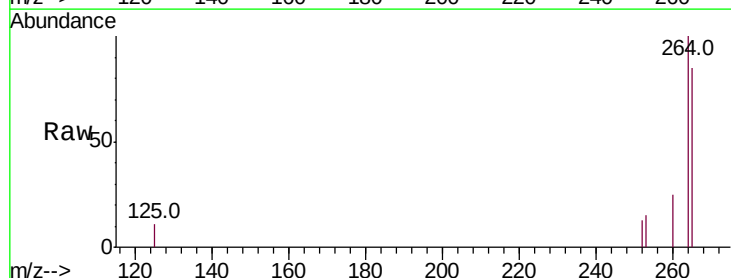
Tgt Ion:264 Resp: 7500

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

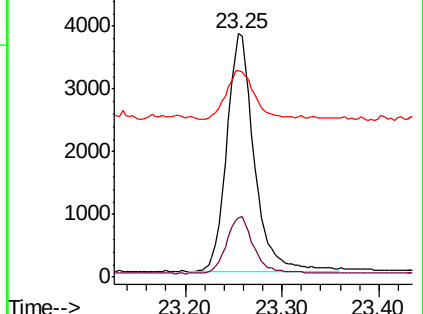
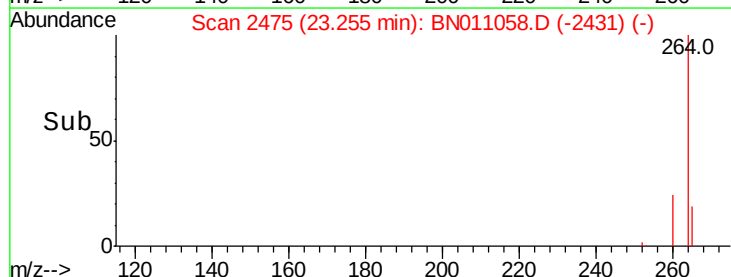
265 85.0 64.9 97.3

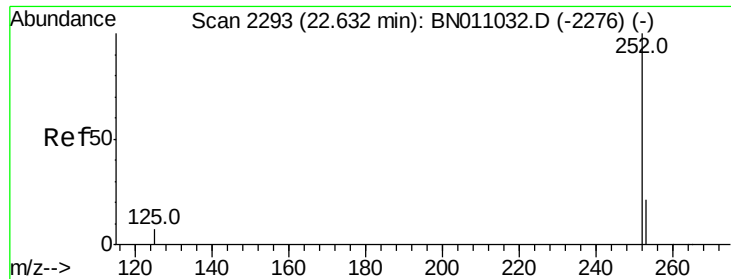


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

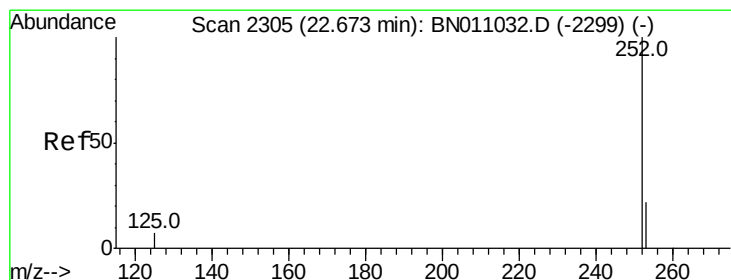
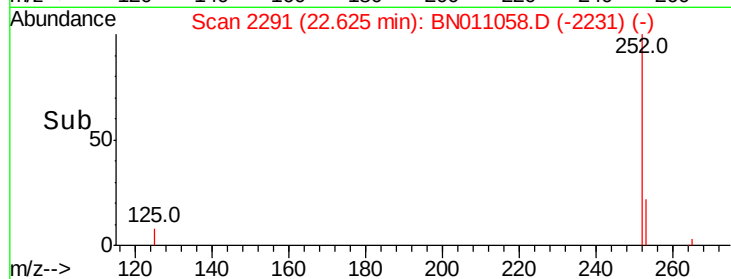
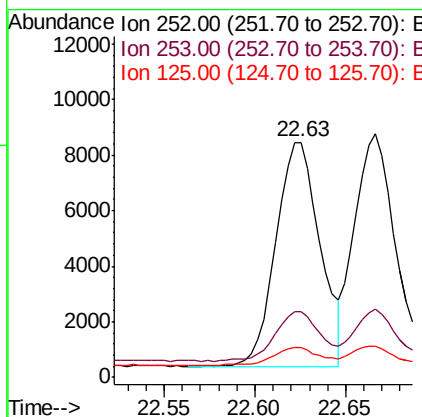
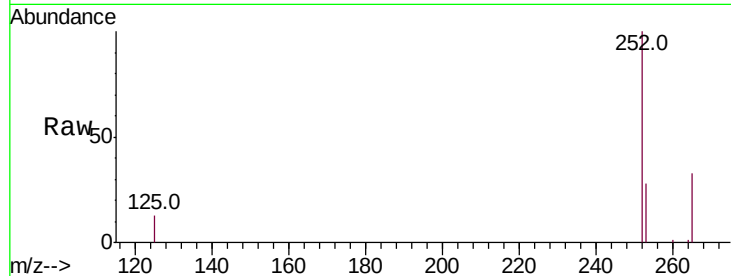




#37
Benzo(b)fluoranthene
Concen: 0.459 ng
RT: 22.63 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

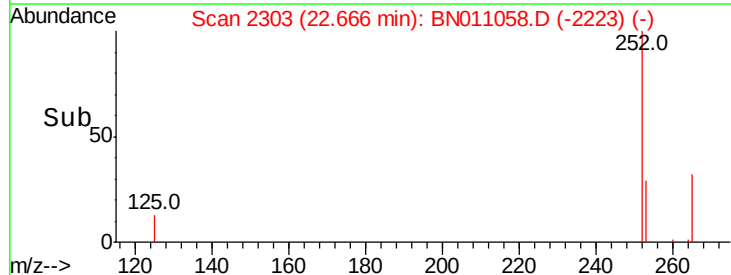
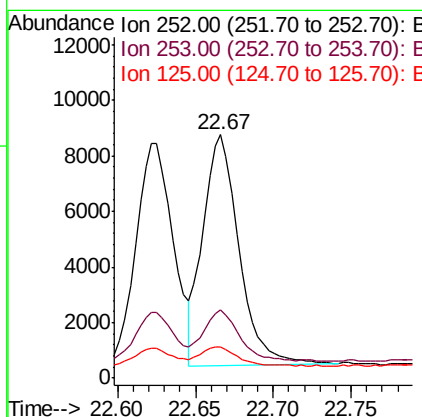
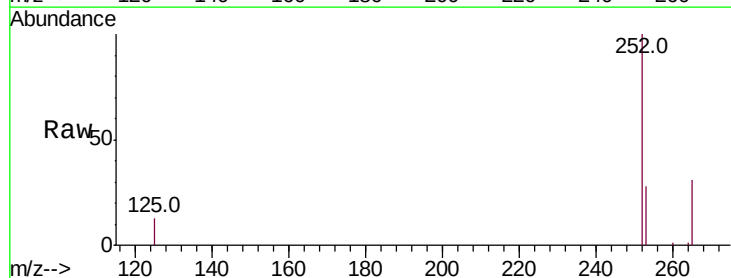
Instrument :
BNA_N
ClientSampleId :
PB129798BS

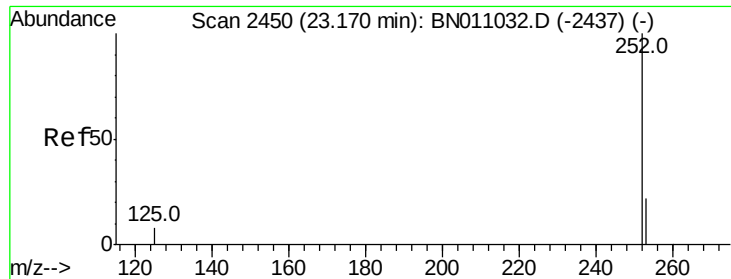
Tot Ion:252 Resp: 13602
Ion Ratio Lower Upper
252 100
253 27.9 21.4 32.0
125 12.7 9.3 13.9



#38
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.67 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:252 Resp: 13339
Ion Ratio Lower Upper
252 100
253 28.0 21.8 32.6
125 12.9 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.16 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

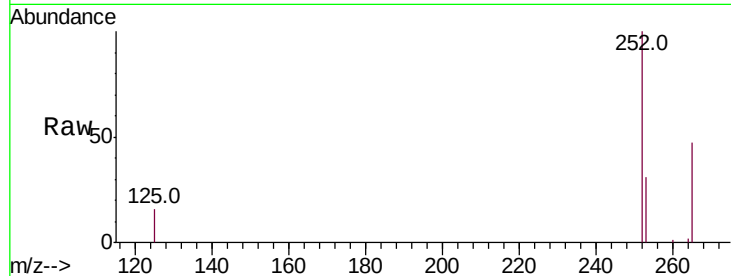
Tot Ion:252 Resp: 10788

Ion Ratio Lower Upper

252 100

253 30.6 23.1 34.7

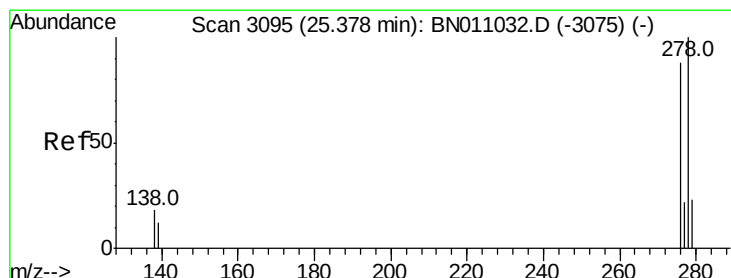
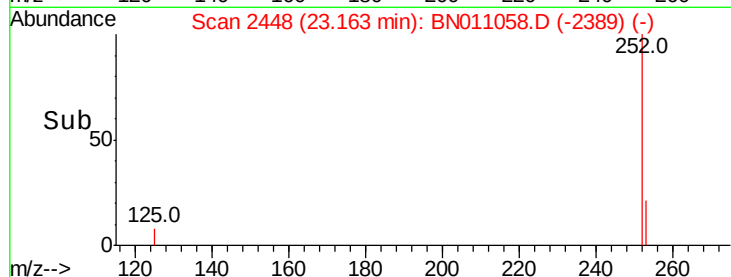
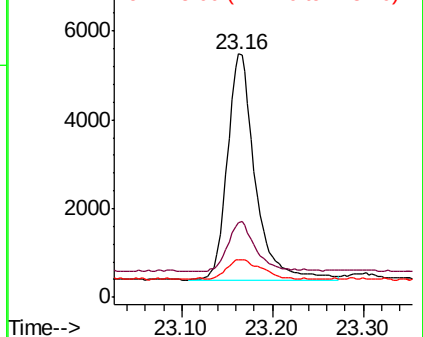
125 15.6 11.2 16.8



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: 0.404 ng

RT: 25.37 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

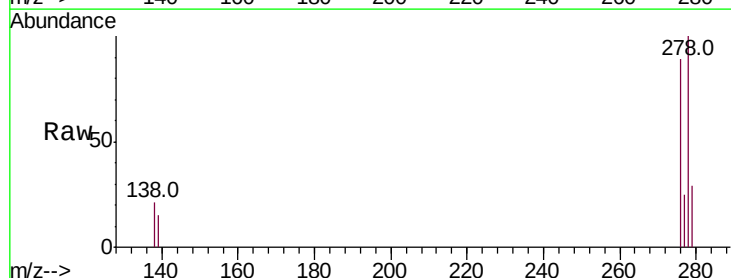
Tgt Ion:278 Resp: 11475

Ion Ratio Lower Upper

278 100

139 15.2 11.2 16.8

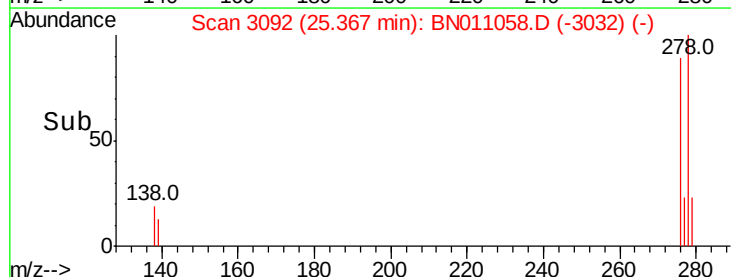
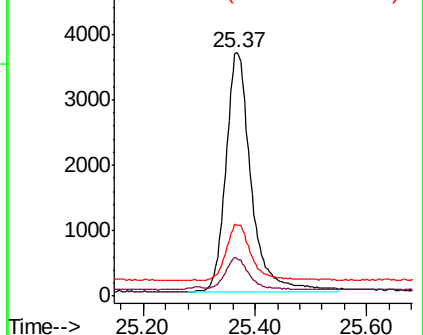
279 29.2 22.6 34.0

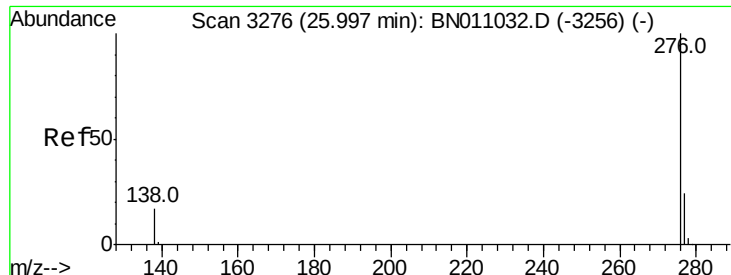


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.390 ng

RT: 25.99 min Scan# 3273

Delta R.T. 0.00 min

Lab File: BN011058.D

Acq: 26 Jun 2020 14:18

Instrument :

BNA_N

ClientSampleId :

PB129798BS

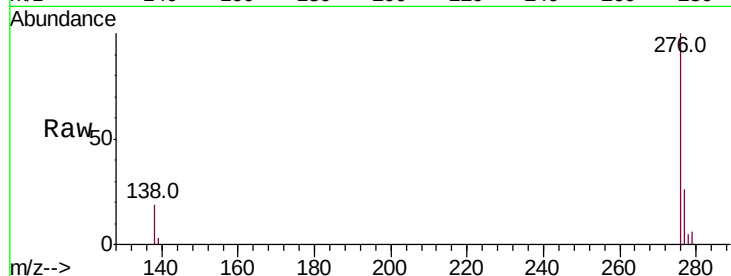
Tot Ion:276 Resp: 11475

Ion Ratio Lower Upper

276 100

277 25.6 20.4 30.6

138 18.8 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

