

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062920\
 Data File : BN011068.D
 Acq On : 29 Jun 2020 15:44
 Operator : CG/JU
 Sample : PB129845BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129845BSD

Quant Time: Jun 29 16:20:12 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	2524	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	9354	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	4546	0.40	ng	-0.01
19) Phenanthrene-d10	16.89	188	9190	0.40	ng	-0.01
29) Chrysene-d12	21.10	240	8172	0.40	ng	-0.01
36) Perylene-d12	23.25	264	8532	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2300	0.32	ng	0.00
5) Phenol-d6	6.73	99	2736	0.32	ng	0.00
8) Nitrobenzene-d5	8.66	82	2694	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	5450	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	617	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	7437	0.35	ng	0.00
27) Fluoranthene-d10	18.93	212	10129	0.35	ng	0.00
31) Terphenyl-d14	19.55	244	7853	0.36	ng	0.00

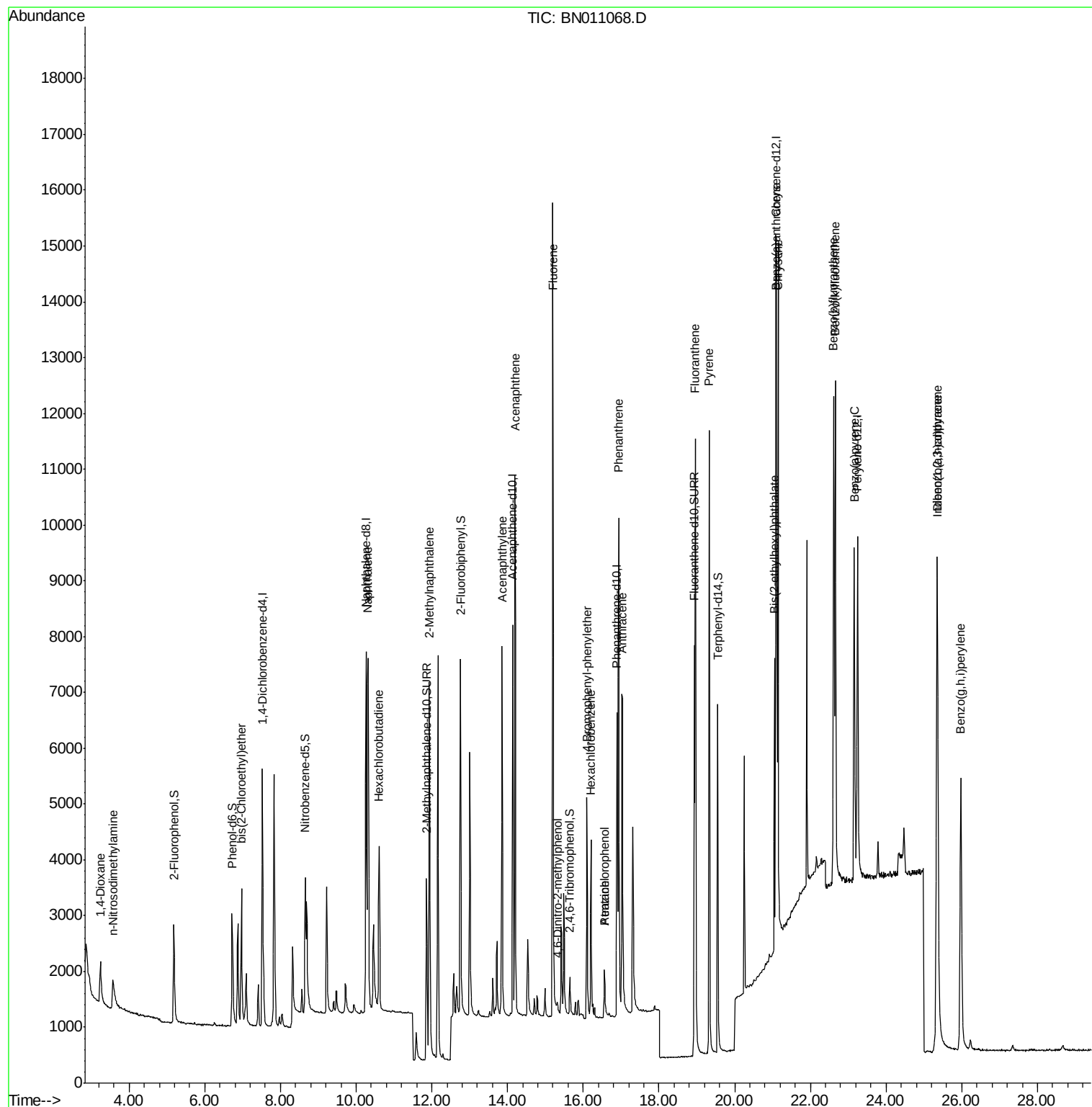
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1141	0.336	ng	96
3) n-Nitrosodimethylamine	3.57	42	678	0.358	ng	# 83
6) bis(2-Chloroethyl)ether	6.97	93	2661	0.366	ng	99
9) Naphthalene	10.32	128	9607	0.338	ng	100
10) Hexachlorobutadiene	10.61	225	2335	0.341	ng	# 99
12) 2-Methylnaphthalene	11.93	142	5902	0.310	ng	99
16) Acenaphthylene	13.85	152	7848	0.343	ng	100
17) Acenaphthene	14.20	154	5248	0.341	ng	99
18) Fluorene	15.20	166	6597	0.336	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	269	0.175	ng	# 70
21) 4-Bromophenyl-phenylether	16.10	248	2085	0.328	ng	95
22) Hexachlorobenzene	16.20	284	2313	0.329	ng	99
23) Atrazine	16.56	200	103	0.022	ng	# 80
24) Pentachlorophenol	16.56	266	571	0.257	ng	94
25) Phenanthrene	16.93	178	10117	0.327	ng	99
26) Anthracene	17.03	178	8448	0.329	ng	99
28) Fluoranthene	18.97	202	11301	0.319	ng	100
30) Pyrene	19.33	202	11316	0.360	ng	99
32) Benzo(a)anthracene	21.09	228	10210	0.361	ng	99
33) Chrysene	21.14	228	11126	0.361	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	4280	0.376	ng	98
35) Indeno(1,2,3-cd)pyrene	25.34	276	12483	0.364	ng	100
37) Benzo(b)fluoranthene	22.61	252	11102	0.329	ng	99
38) Benzo(k)fluoranthene	22.66	252	12110	0.345	ng	97
39) Benzo(a)pyrene	23.15	252	10046	0.335	ng	97
40) Dibenzo(a,h)anthracene	25.36	278	9885	0.306	ng	98
41) Benzo(g,h,i)perylene	25.97	276	10616	0.317	ng	100

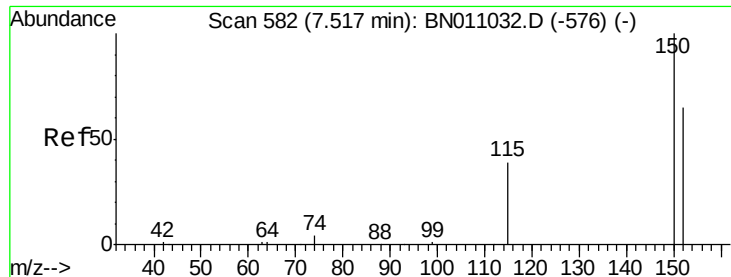
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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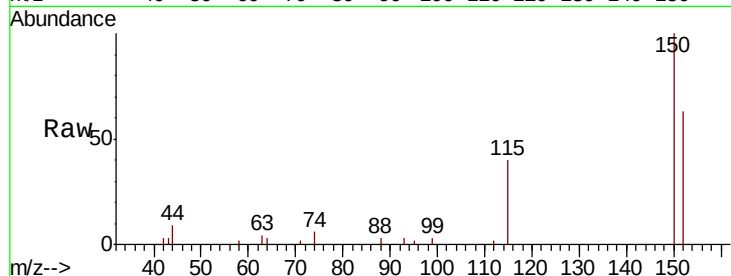


#1

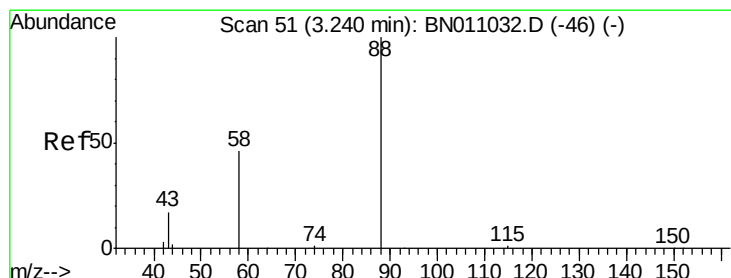
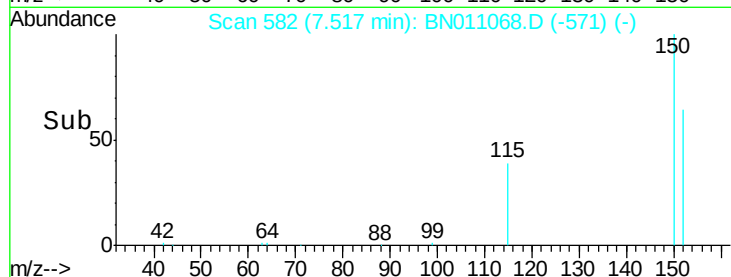
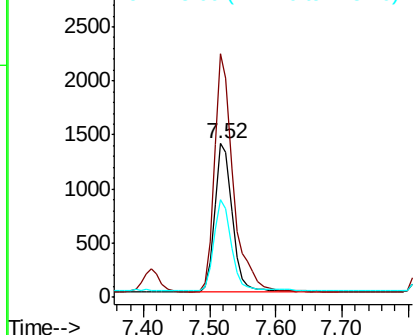
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tot Ion:152 Resp: 2524
Ion Ratio Lower Upper
152 100
150 158.3 121.8 182.8
115 63.3 50.2 75.2



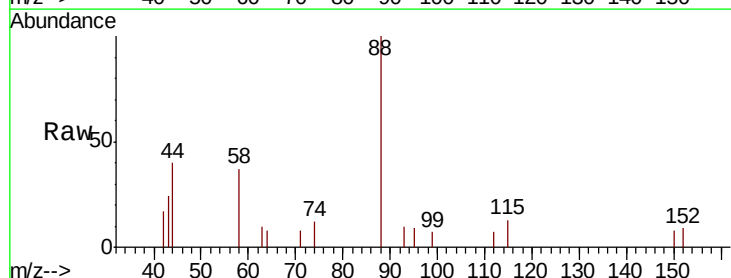
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



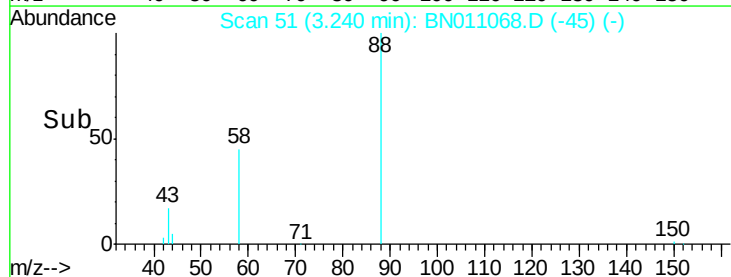
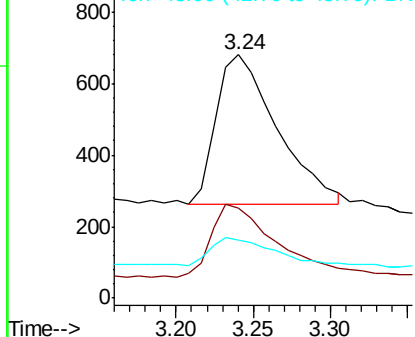
#2

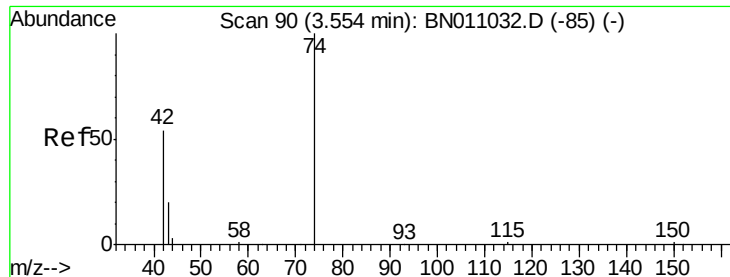
1,4-Dioxane
Concen: 0.336 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion: 88 Resp: 1141
Ion Ratio Lower Upper
88 100
58 50.6 38.4 57.6
43 19.4 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



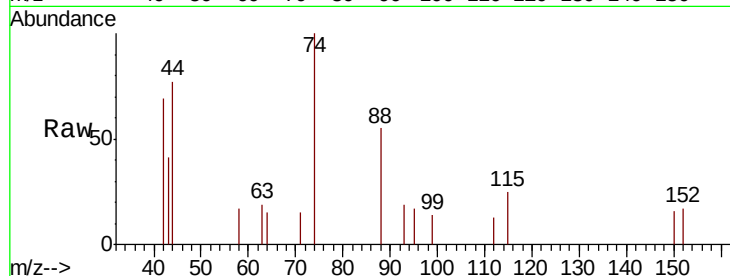


#3

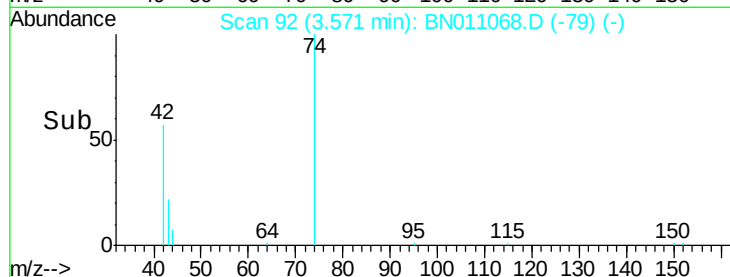
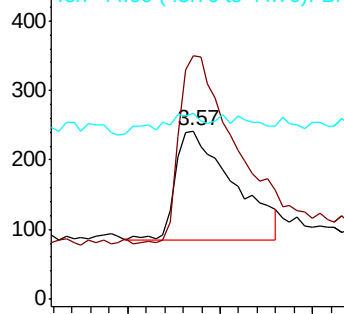
n-Nitrosodimethylamine
 Concen: 0.358 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BN011068.D
 Acq: 29 Jun 2020 15:44

Instrument :
 BNA_N
 ClientSampleId :
 PB129845BSD

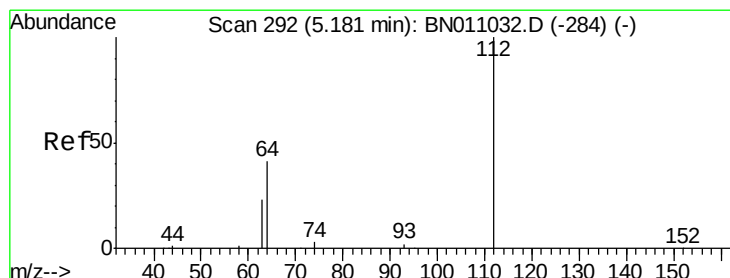
Tot Ion	42	Resp	678
Ion Ratio	Lower	Upper	
42	100		
74	167.1	154.8	232.2
44	8.1	4.8	7.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



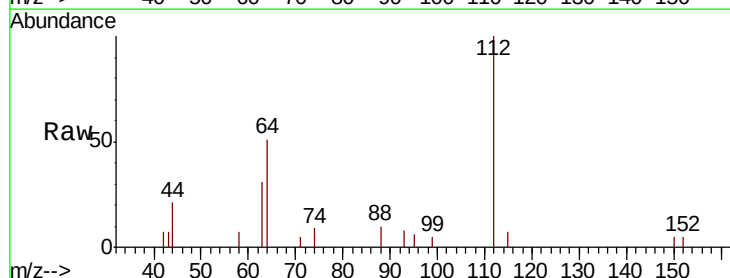
Time-->



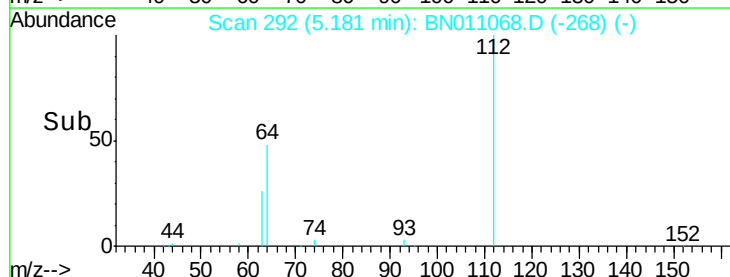
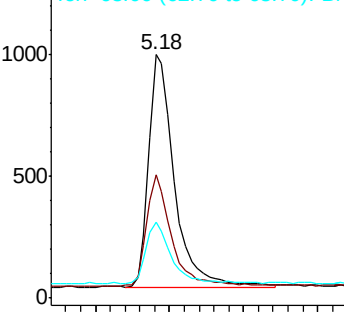
#4

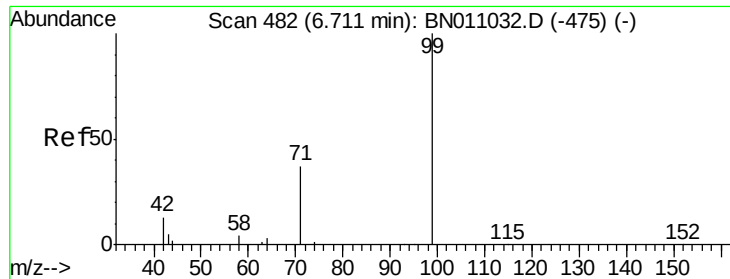
2-Fluorophenol
 Concen: 0.323 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: BN011068.D
 Acq: 29 Jun 2020 15:44

Tgt Ion	112	Resp	2300
Ion Ratio	Lower	Upper	
112	100		
64	46.6	37.3	55.9
63	24.8	20.4	30.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.325 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

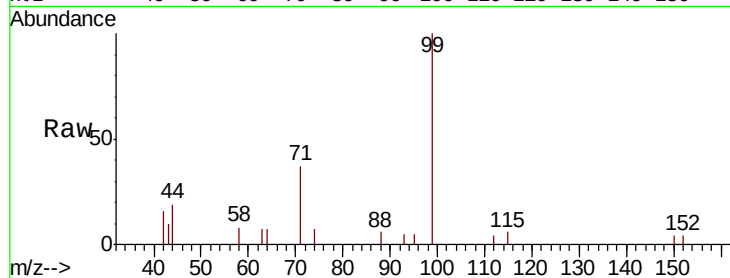
Tot Ion: 99 Resp: 2736

Ion Ratio Lower Upper

99 100

42 13.8 10.6 16.0

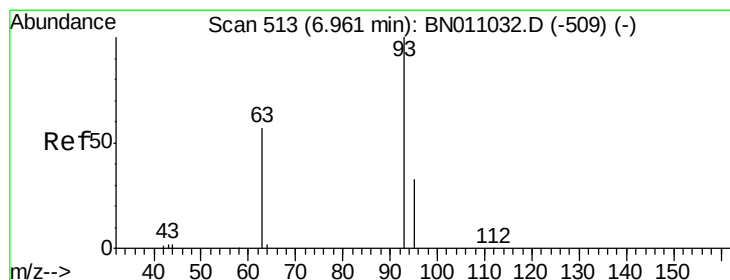
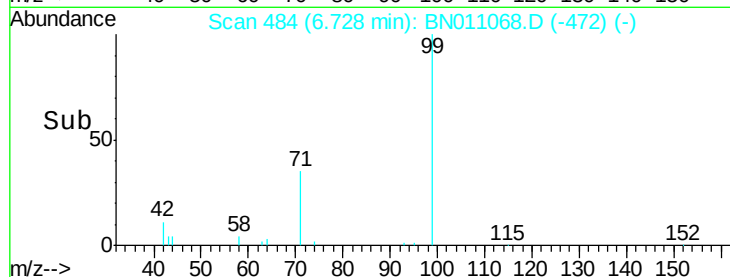
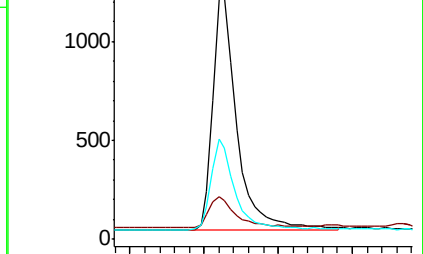
71 37.9 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BN011068.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011068.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011068.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

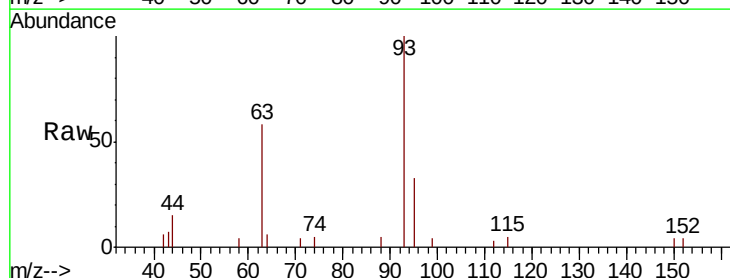
Tgt Ion: 93 Resp: 2661

Ion Ratio Lower Upper

93 100

63 54.1 43.7 65.5

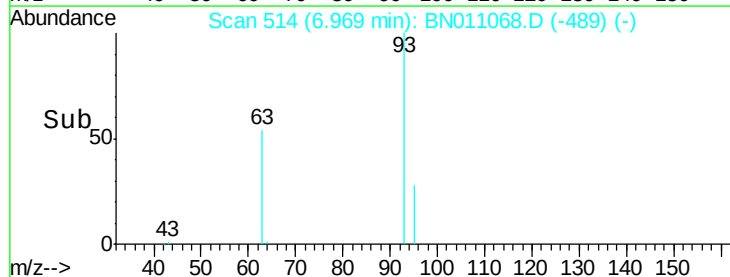
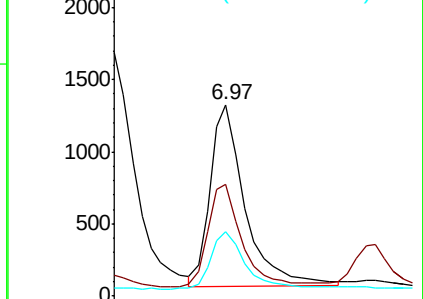
95 32.1 25.3 37.9

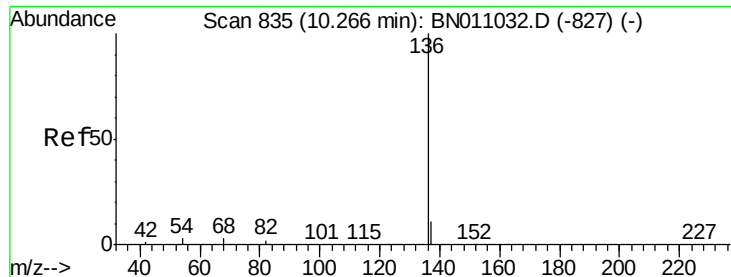


Abundance Ion 93.00 (92.70 to 93.70): BN011068.D (-509) (-)

Ion 63.00 (62.70 to 63.70): BN011068.D (-509) (-)

Ion 95.00 (94.70 to 95.70): BN011068.D (-509) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

Tot Ion:136 Resp: 9354

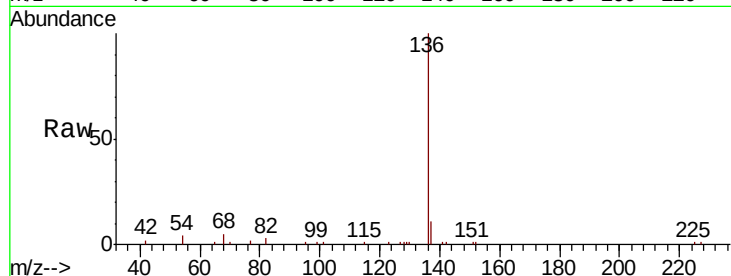
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 4.1 3.0 4.4

68 4.7 3.4 5.2

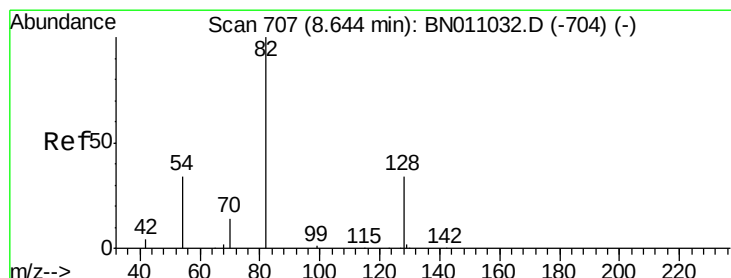
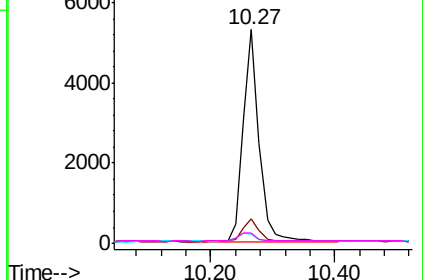
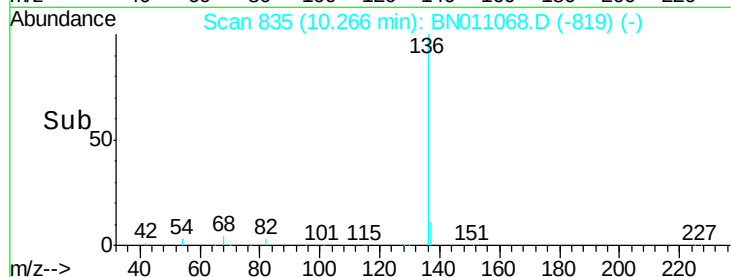


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.316 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

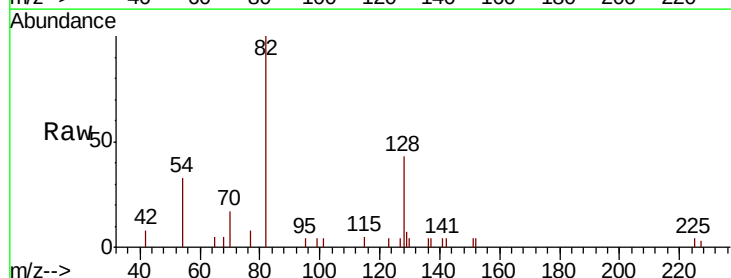
Tgt Ion: 82 Resp: 2694

Ion Ratio Lower Upper

82 100

128 43.4 29.4 44.2

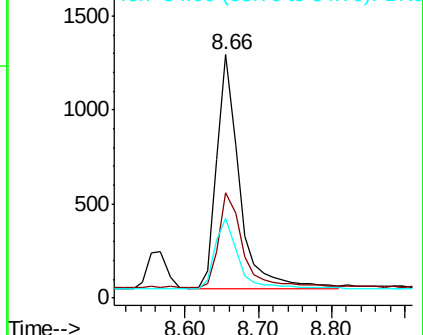
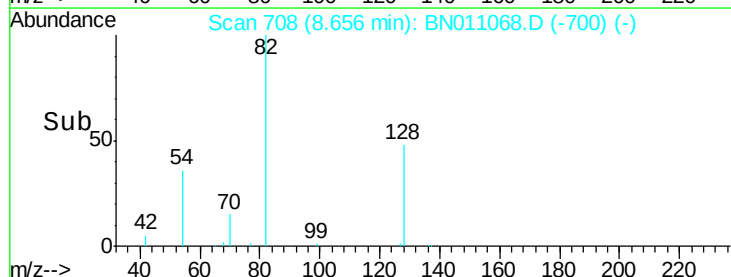
54 32.7 28.8 43.2

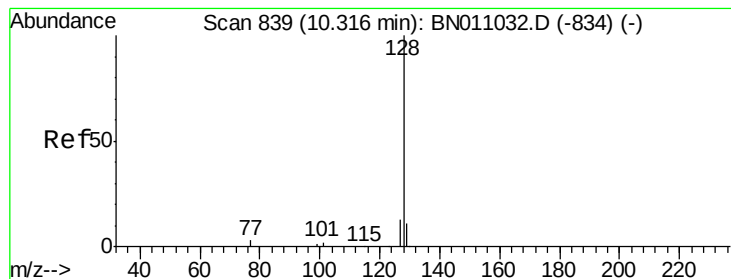


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.338 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

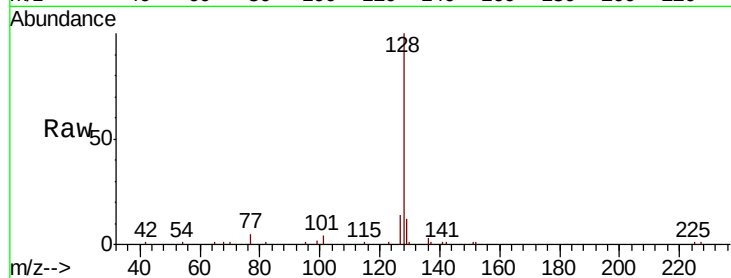
Tot Ion:128 Resp: 9607

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.6

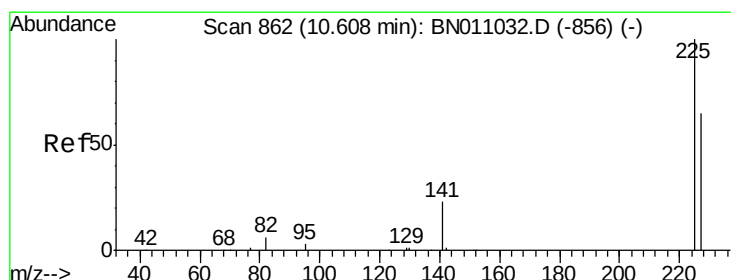
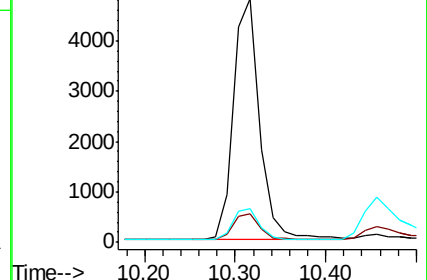
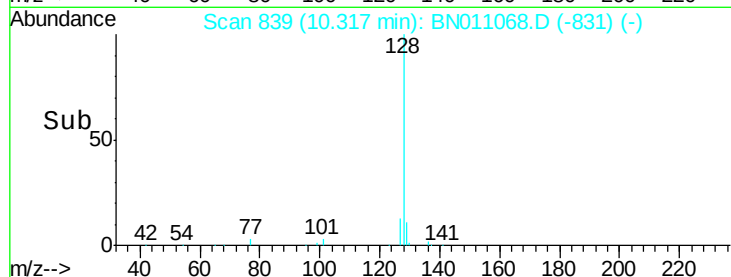
127 13.6 10.9 16.3



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: 0.341 ng

RT: 10.61 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

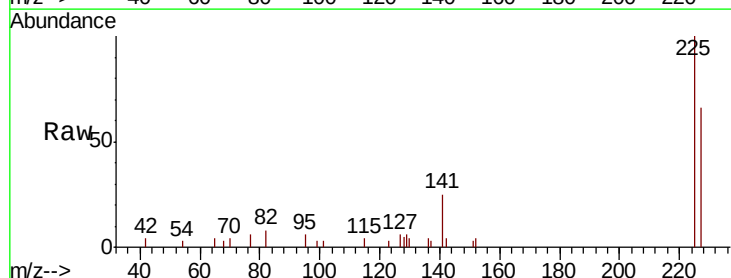
Tgt Ion:225 Resp: 2335

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

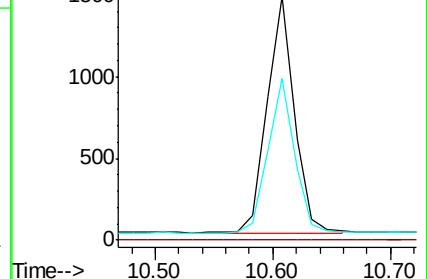
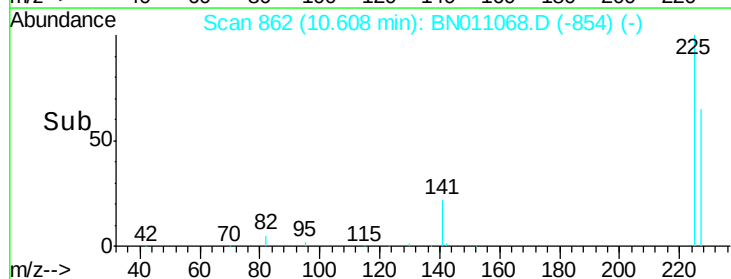
227 63.8 51.7 77.5

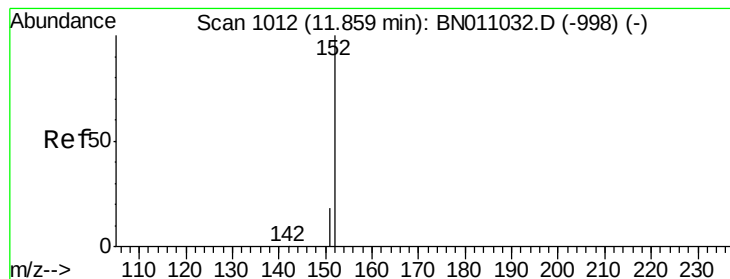


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

RT: 11.86 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

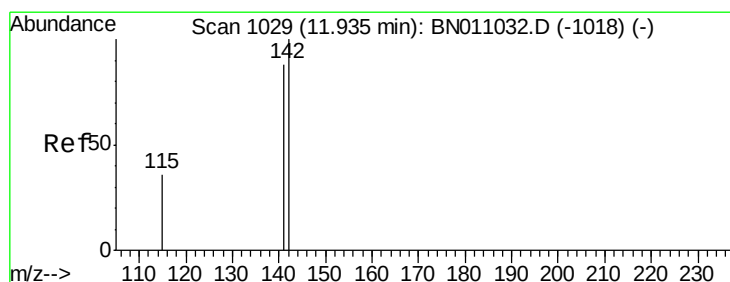
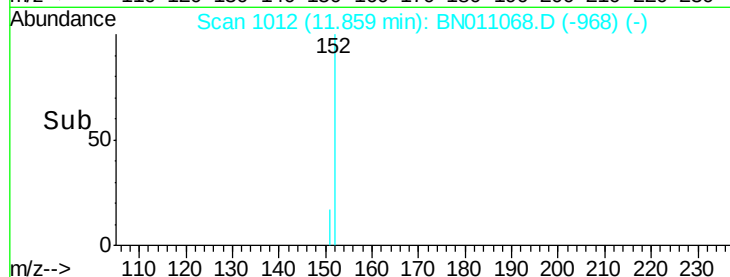
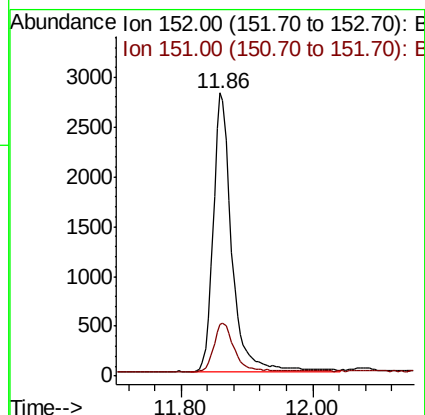
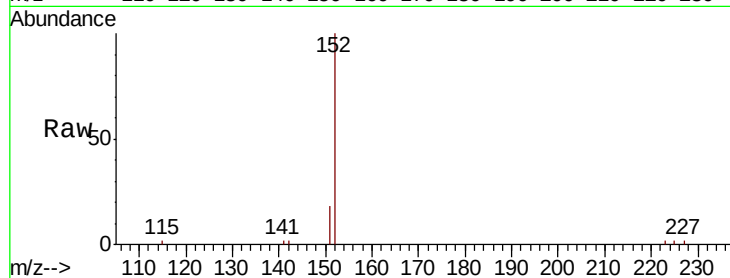
PB129845BSD

Tot Ion:152 Resp: 5450

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.310 ng

RT: 11.93 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

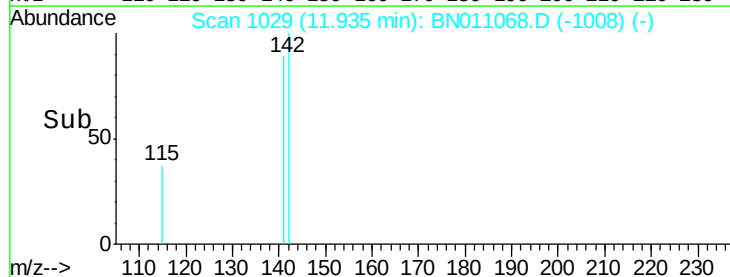
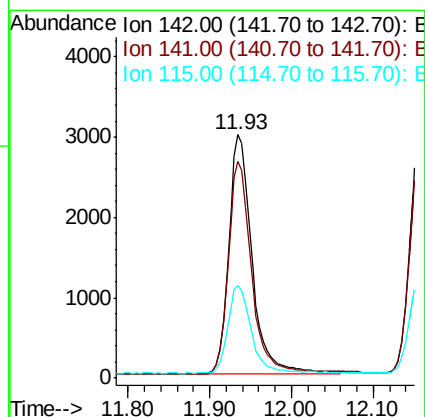
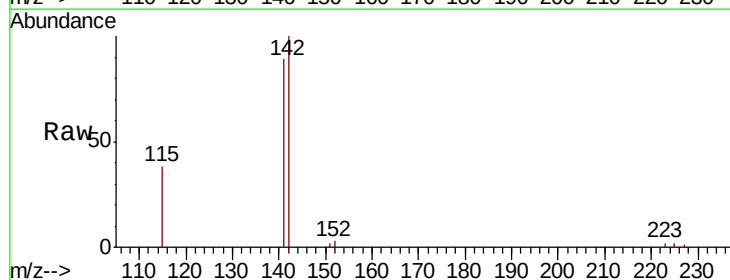
Tgt Ion:142 Resp: 5902

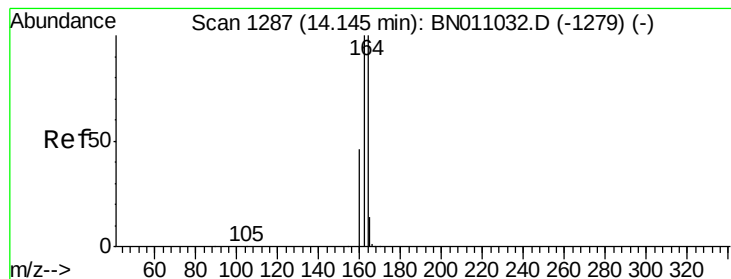
Ion Ratio Lower Upper

142 100

141 88.9 70.6 106.0

115 38.2 30.2 45.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

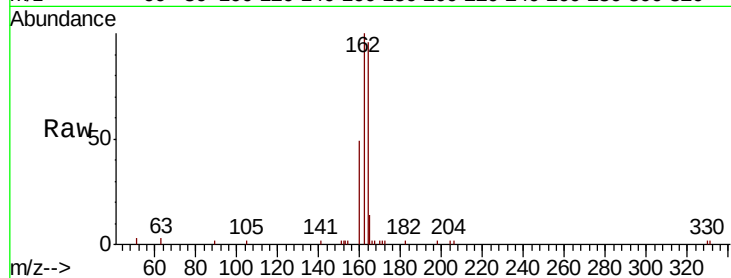
Tot Ion:164 Resp: 4546

Ion Ratio Lower Upper

164 100

162 103.8 80.2 120.4

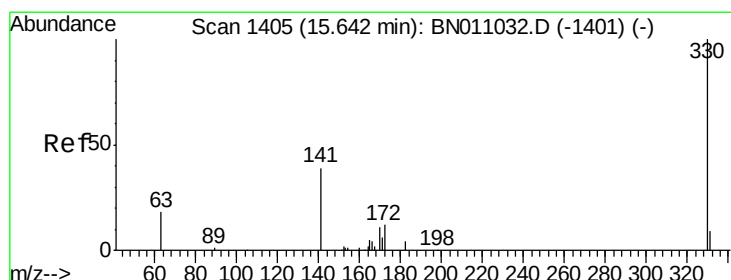
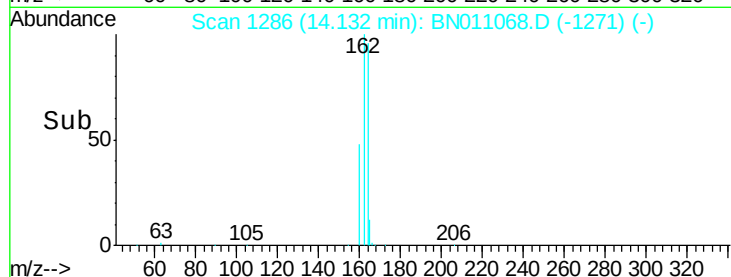
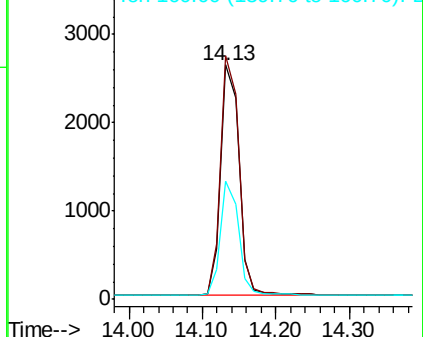
160 50.6 37.7 56.5



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: 0.309 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

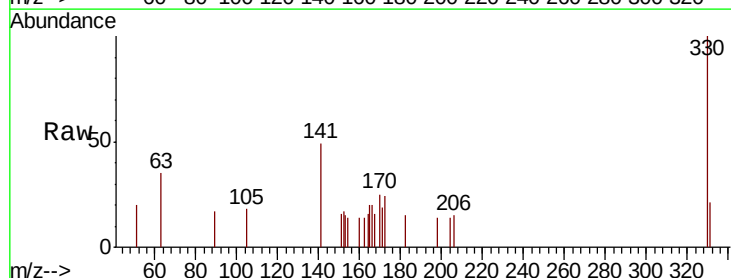
Tgt Ion:330 Resp: 617

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

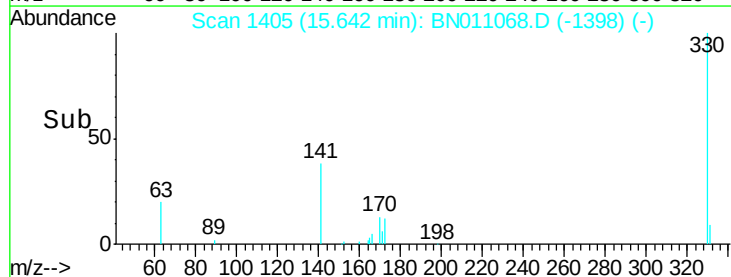
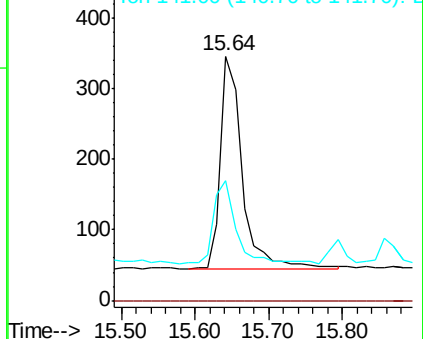
141 40.2 34.5 51.7

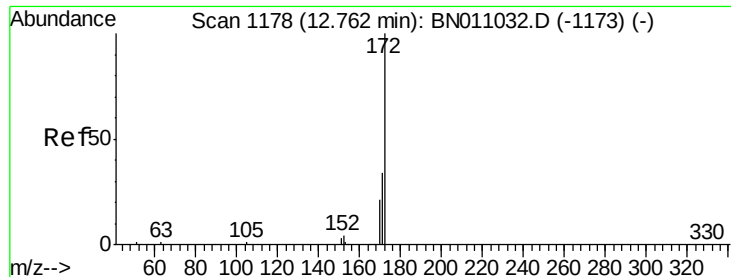


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

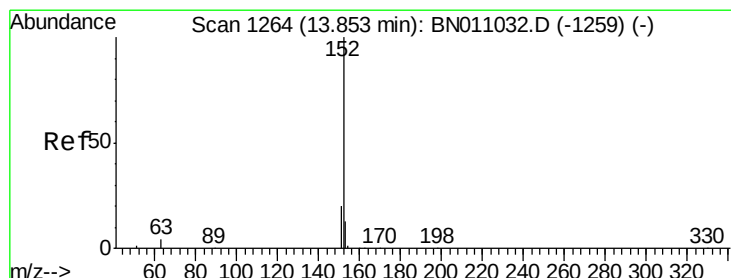
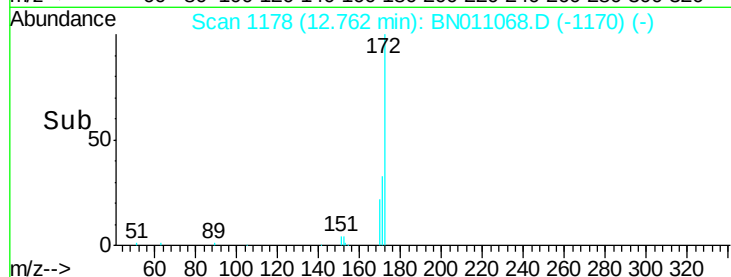
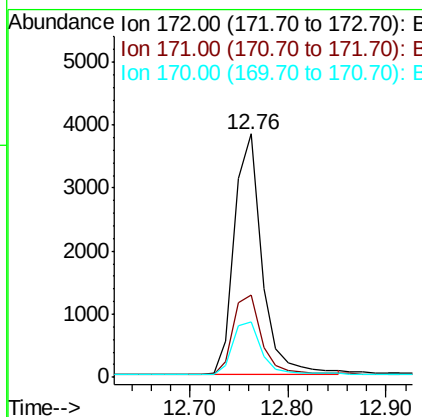
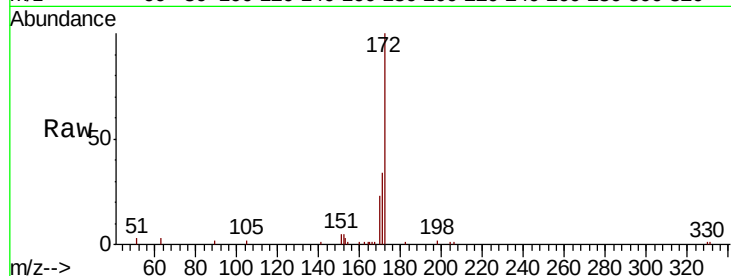




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

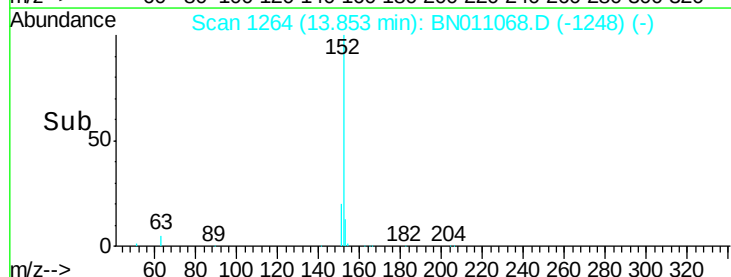
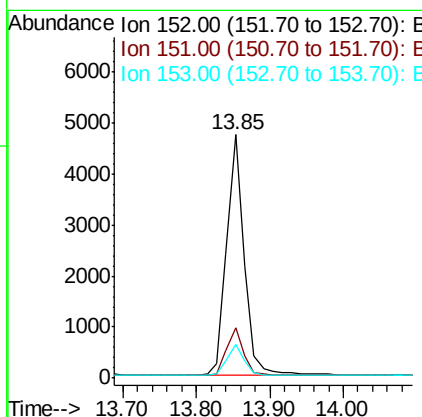
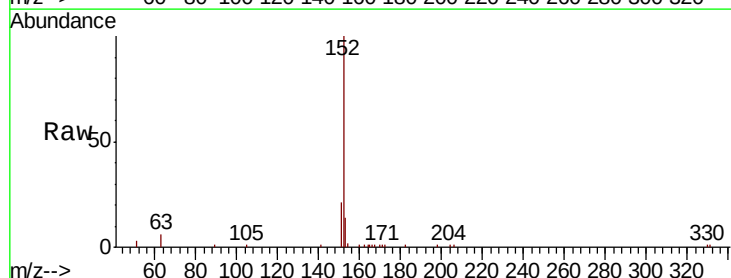
Instrument :
BNA_N
ClientSampleId :
PB129845BSD

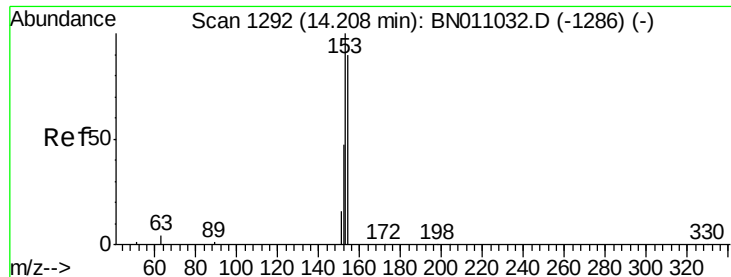
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.4	41.2
170	22.7	17.5	26.3



#16
Acenaphthylene
Concen: 0.343 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.2	15.2





#17

Acenaphthene

Concen: 0.341 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

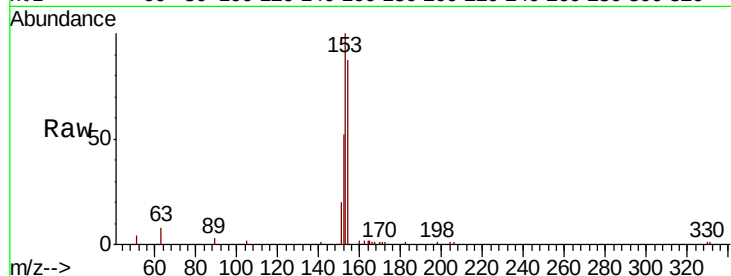
Tot Ion:154 Resp: 5248

Ion Ratio Lower Upper

154 100

153 114.5 92.3 138.5

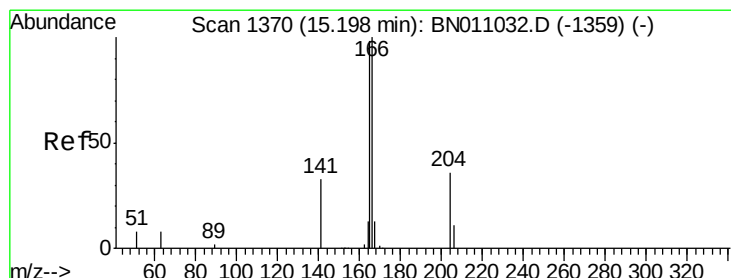
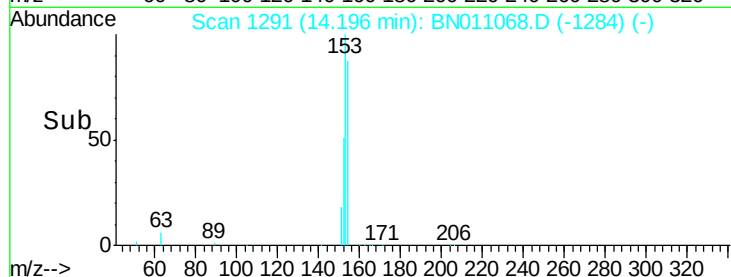
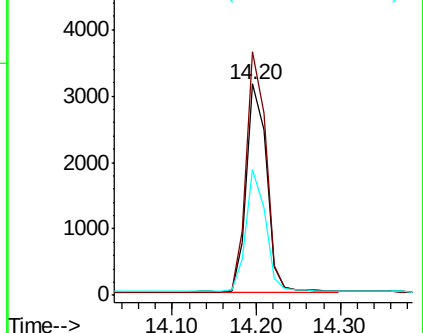
152 57.4 45.5 68.3



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: 0.336 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

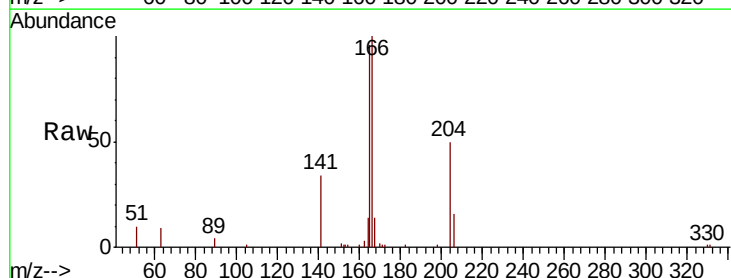
Tgt Ion:166 Resp: 6597

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

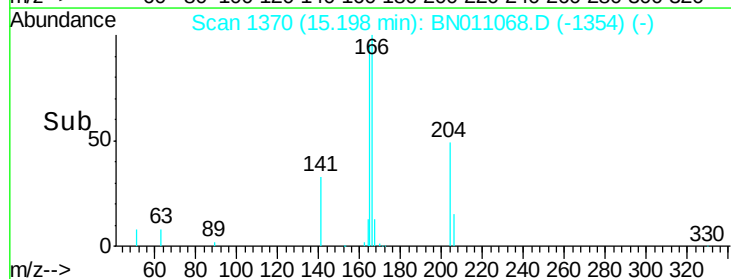
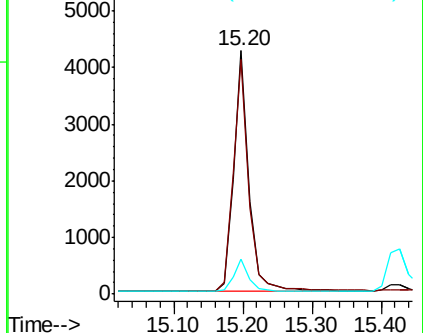
167 13.6 10.8 16.2

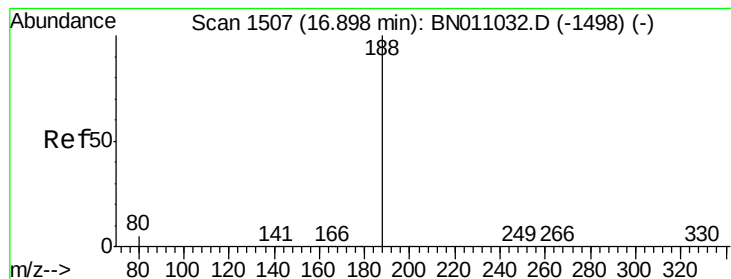


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

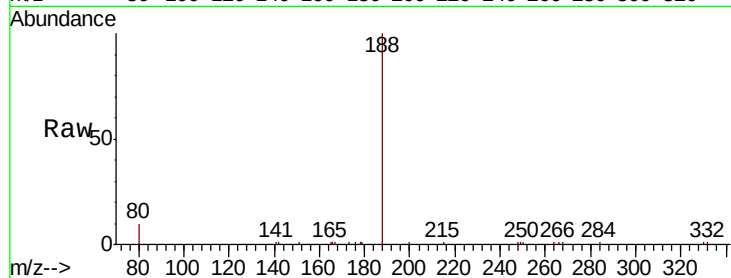
Tot Ion:188 Resp: 9190

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

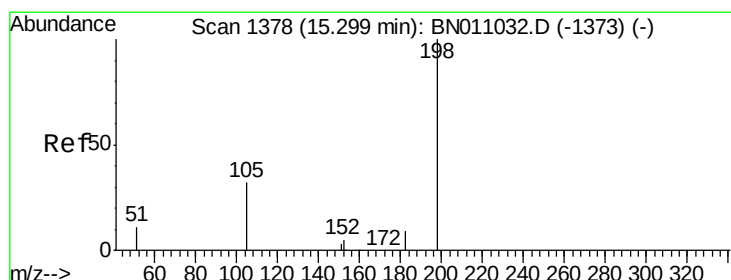
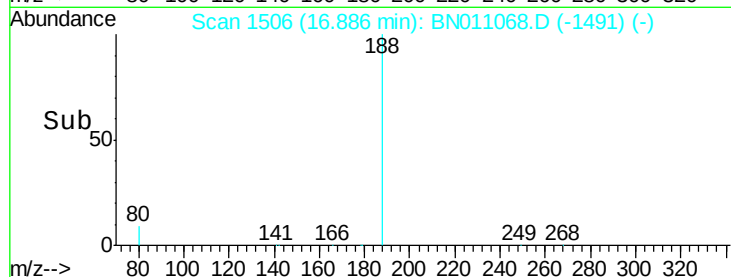
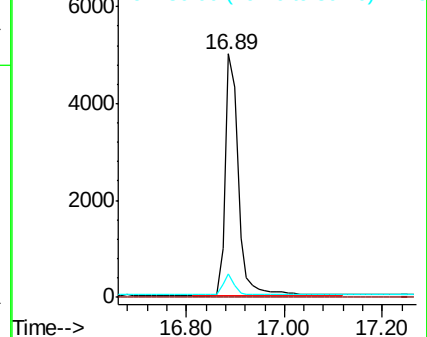
80 9.8 4.6 7.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

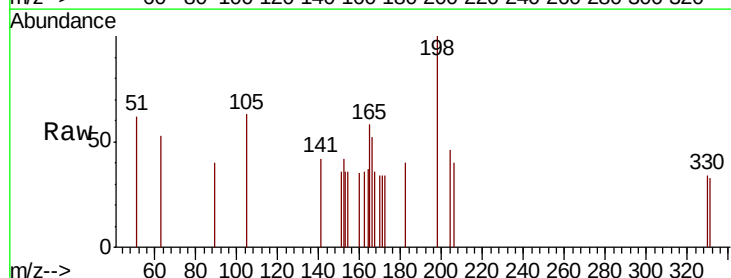
Tgt Ion:198 Resp: 269

Ion Ratio Lower Upper

198 100

51 62.0 29.5 44.3#

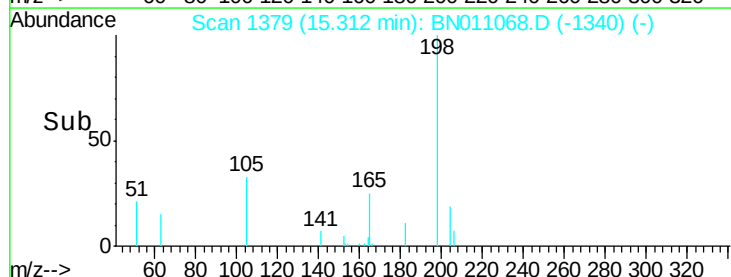
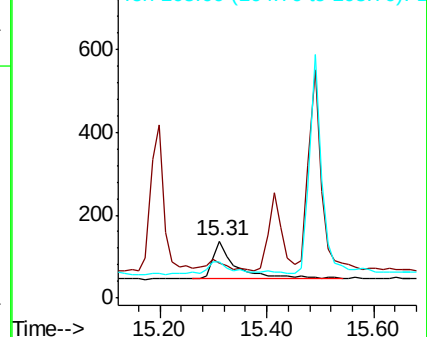
105 62.8 39.2 58.8#

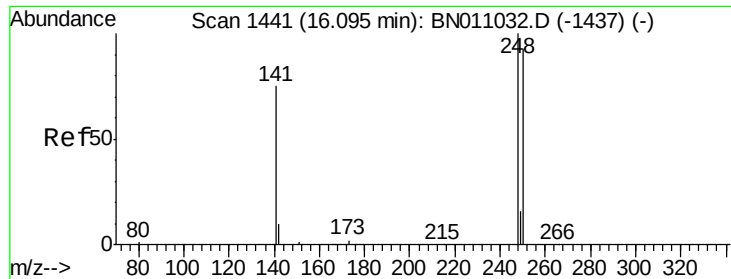


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

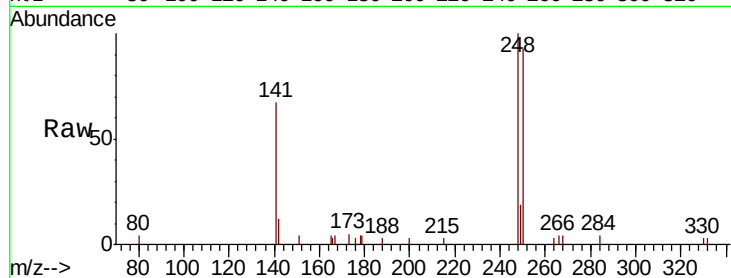




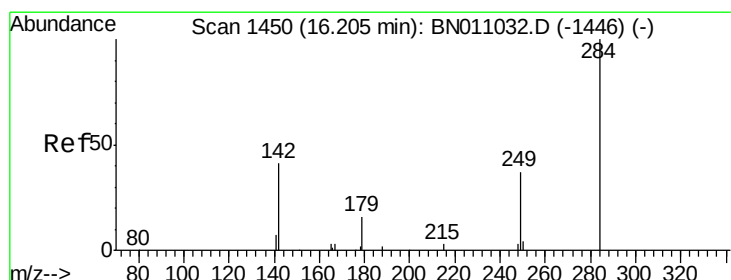
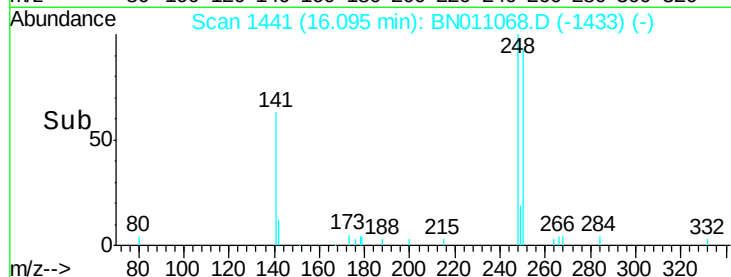
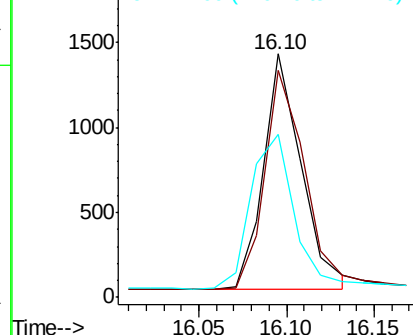
#21
4-Bromophenyl-phenylether
Concen: 0.328 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB129845BSD

Tot Ion:248 Resp: 2085
Ion Ratio Lower Upper
248 100
250 93.4 74.6 111.8
141 67.0 60.9 91.3

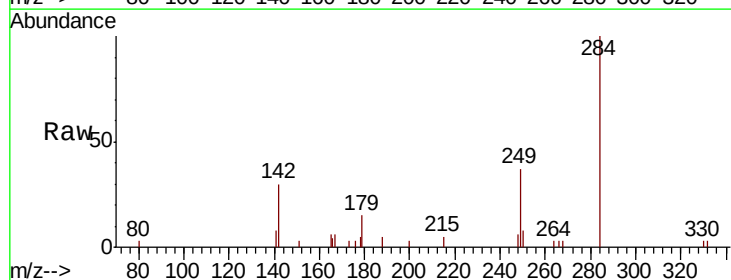


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

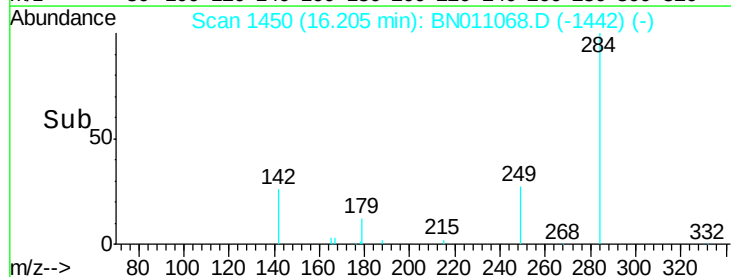
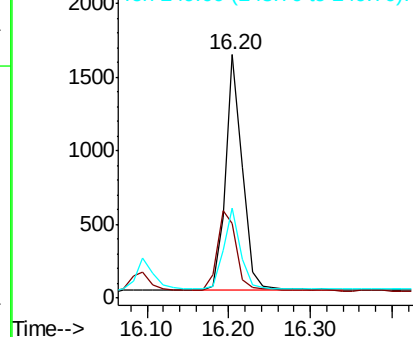


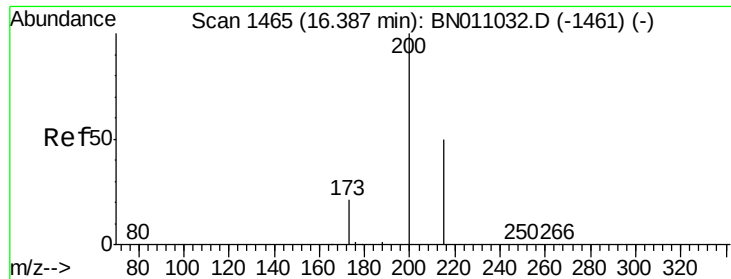
#22
Hexachlorobenzene
Concen: 0.329 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:284 Resp: 2313
Ion Ratio Lower Upper
284 100
142 38.9 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

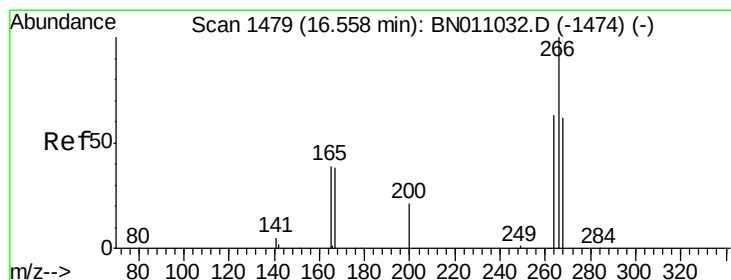
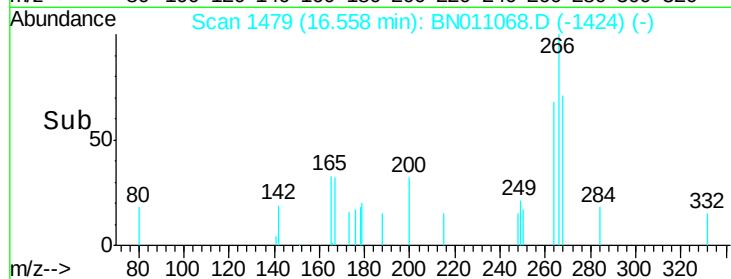
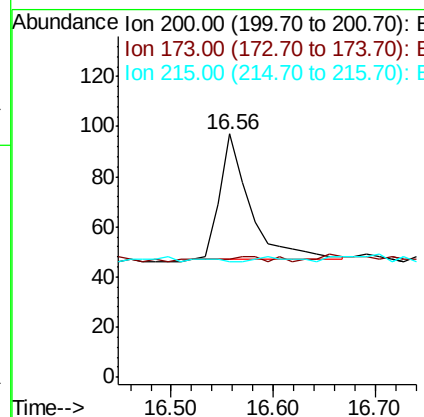
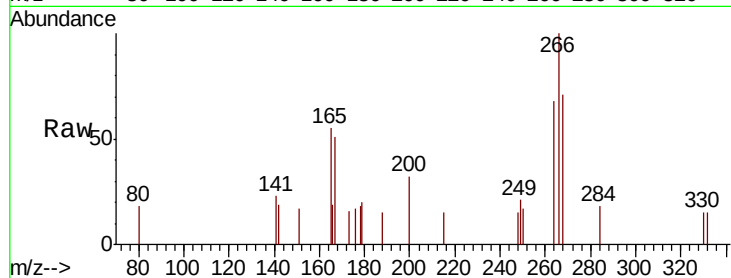




#23
Atrazine
Concen: 0.022 ng
RT: 16.56 min Scan# 1479
Delta R.T. 0.17 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

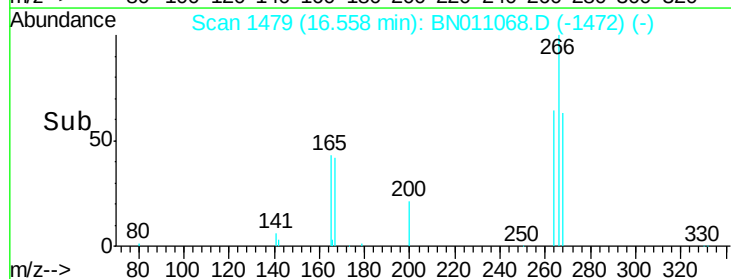
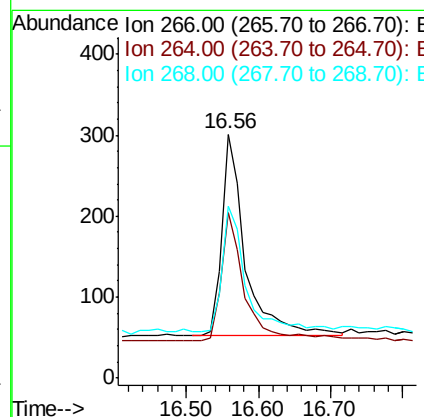
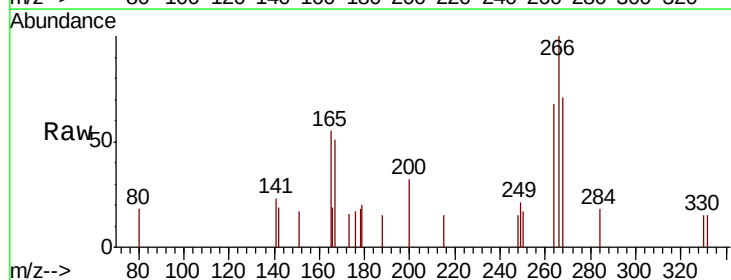
Instrument :
BNA_N
ClientSampleId :
PB129845BSD

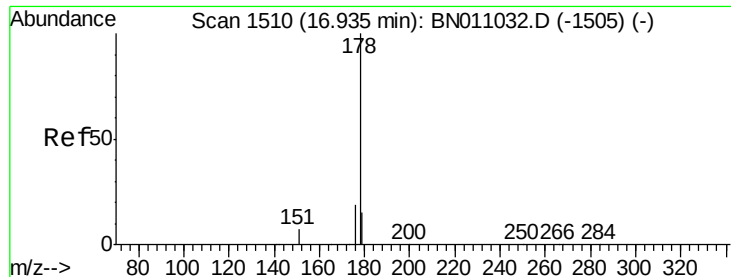
Tot Ion	Ratio	Lower	Upper
200	100		
173	48.5	19.4	29.2#
215	47.4	41.5	62.3



#24
Pentachlorophenol
Concen: 0.257 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.5	51.4	77.0
268	61.8	54.9	82.3





#25

Phenanthrene

Concen: 0.327 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

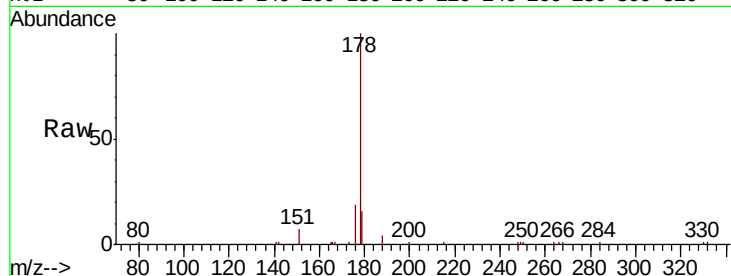
Tot Ion:178 Resp: 10117

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

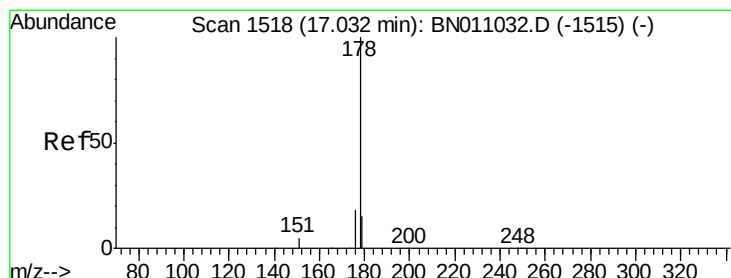
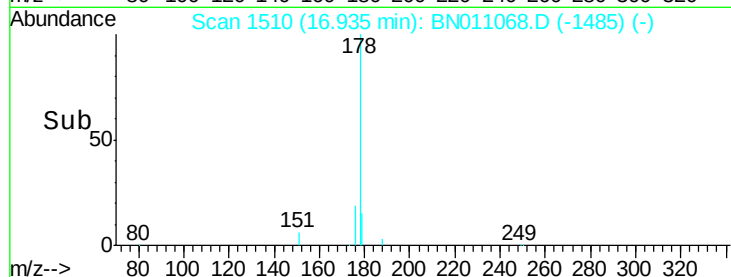
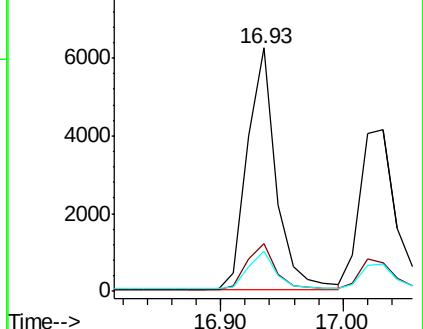
179 15.5 12.3 18.5



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: 0.329 ng

RT: 17.03 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

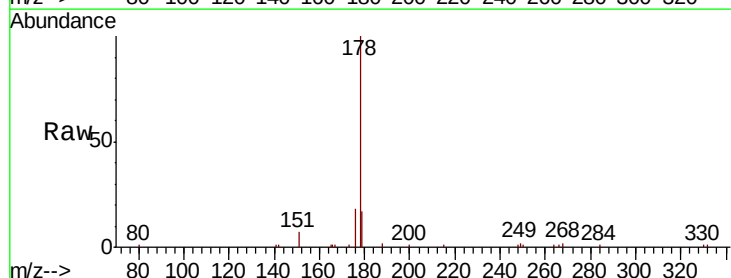
Tgt Ion:178 Resp: 8448

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

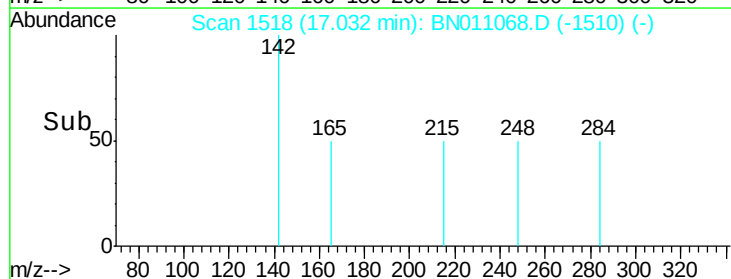
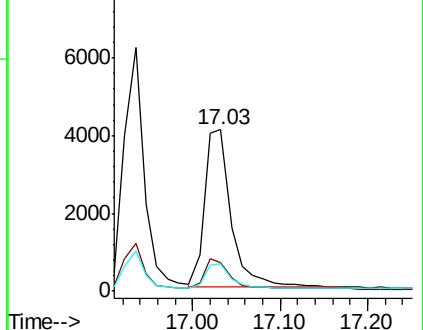
179 15.0 12.2 18.4

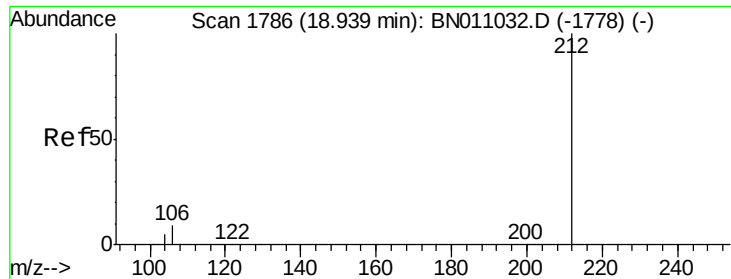


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.348 ng

RT: 18.93 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

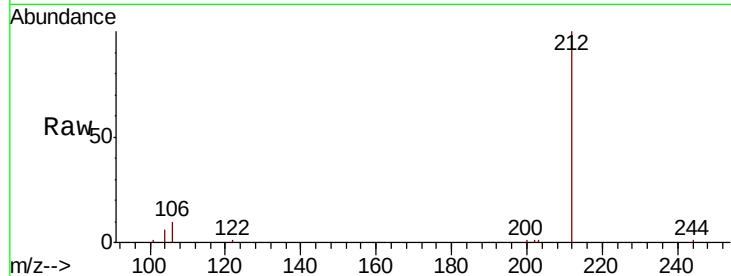
Tot Ion:212 Resp: 10129

Ion Ratio Lower Upper

212 100

106 9.3 7.7 11.5

104 5.5 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

18.93

8000

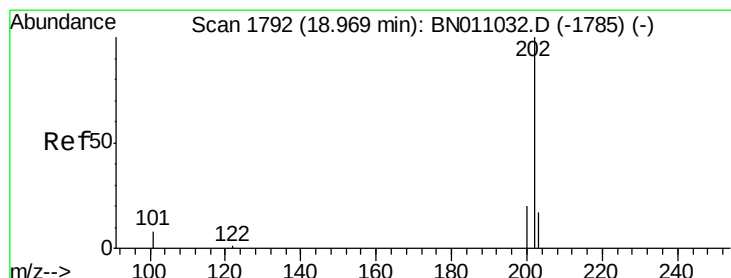
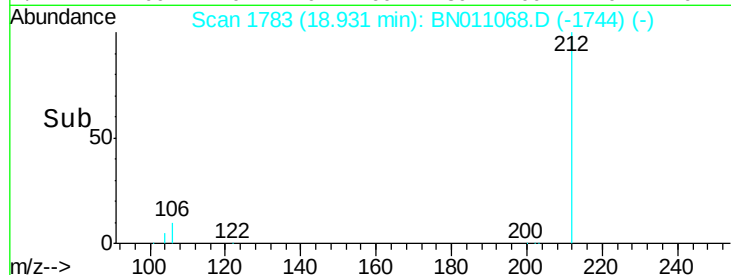
6000

4000

2000

0

Time--> 18.80 18.90 19.00 19.10



#28

Fluoranthene

Concen: 0.319 ng

RT: 18.97 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

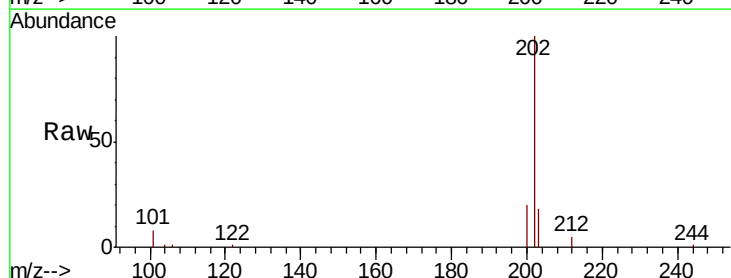
Tgt Ion:202 Resp: 11301

Ion Ratio Lower Upper

202 100

101 8.2 6.6 10.0

203 17.3 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

18.97

10000

8000

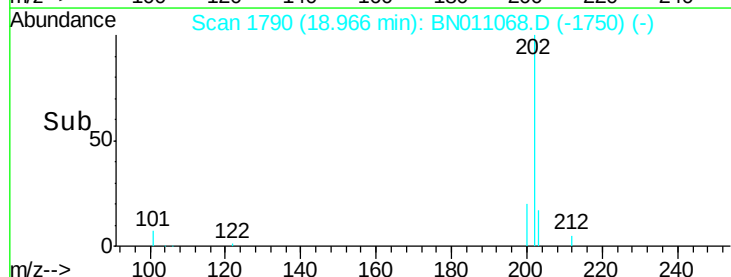
6000

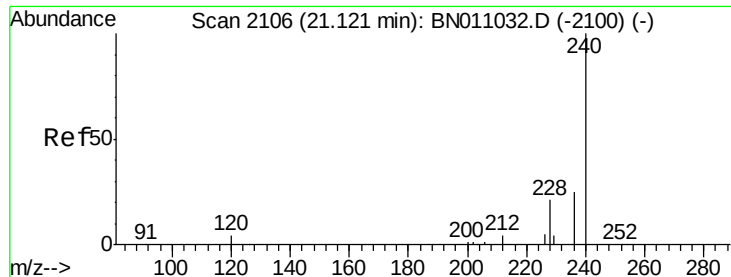
4000

2000

0

Time--> 18.90 19.00 19.10





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.10 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

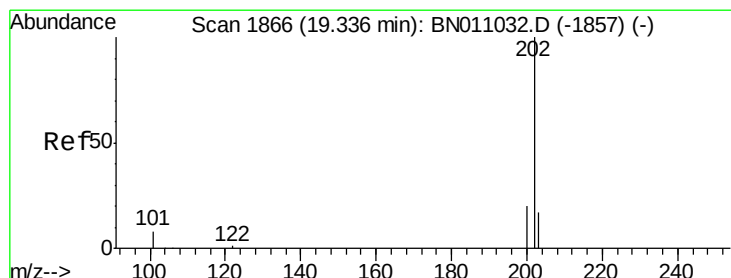
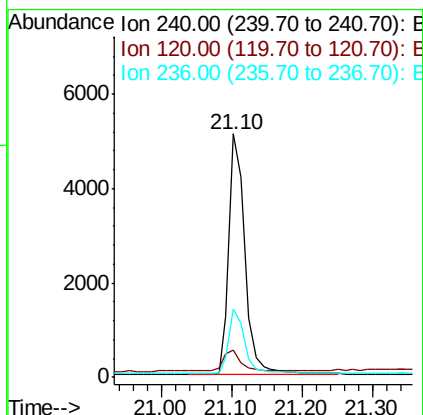
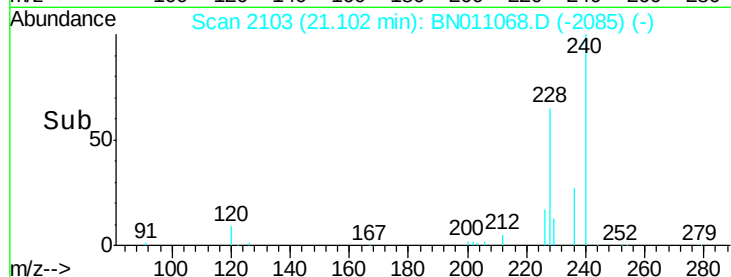
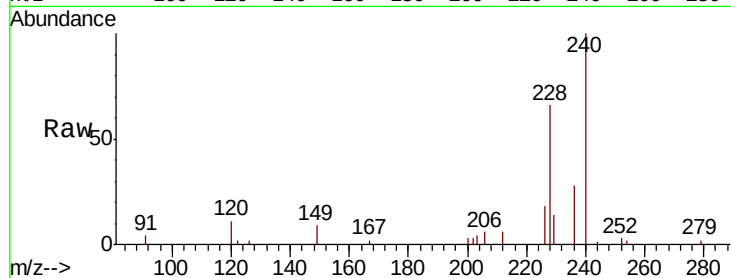
Tot Ion:240 Resp: 8172

Ion Ratio Lower Upper

240 100

120 11.2 5.4 8.0#

236 28.1 21.4 32.2



#30

Pyrene

Concen: 0.360 ng

RT: 19.33 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

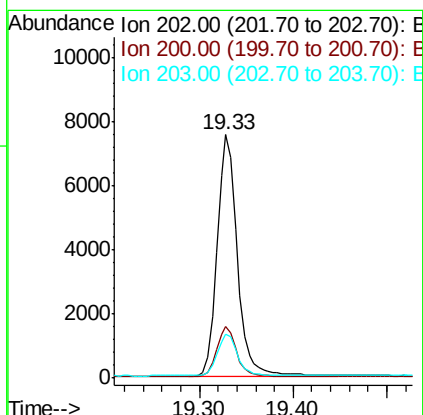
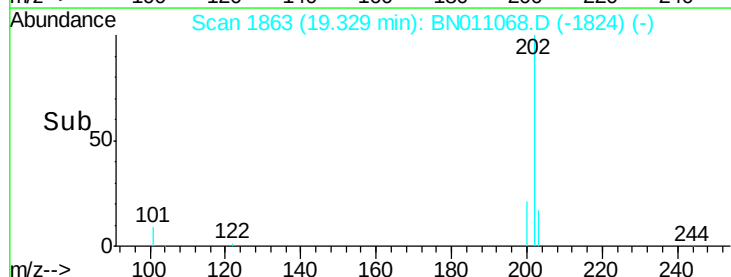
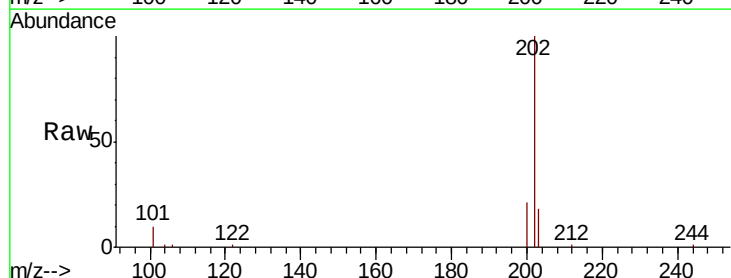
Tgt Ion:202 Resp: 11316

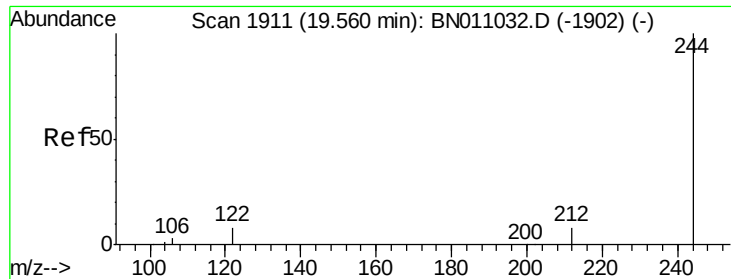
Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

203 17.4 14.2 21.2





#31

Terphenyl-d14

Concen: 0.358 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

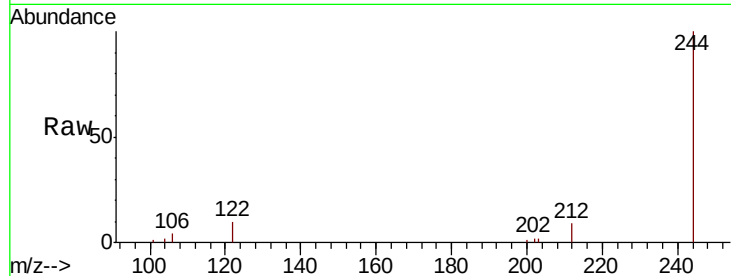
Tot Ion:244 Resp: 7853

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

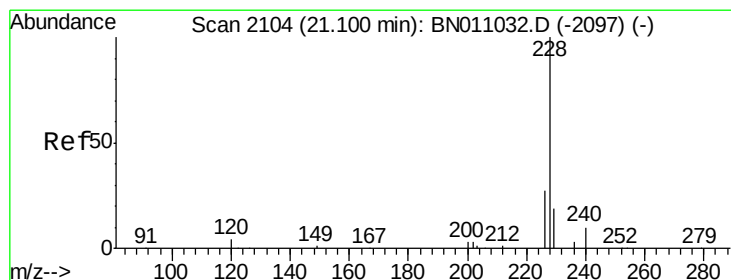
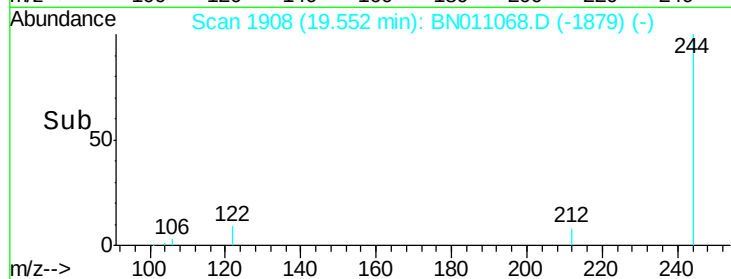
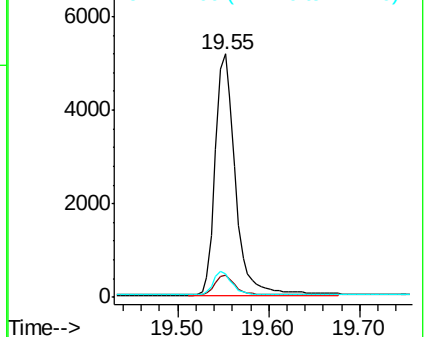
122 9.6 7.4 11.0



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: 0.361 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

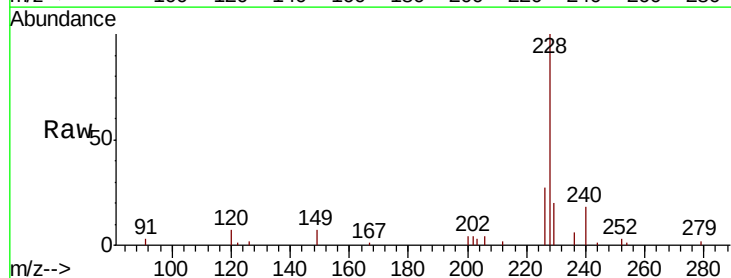
Tgt Ion:228 Resp: 10210

Ion Ratio Lower Upper

228 100

226 26.7 22.0 33.0

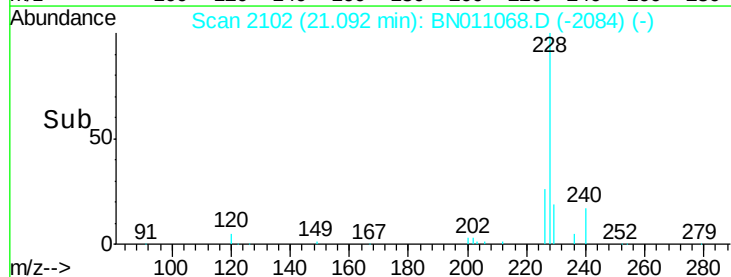
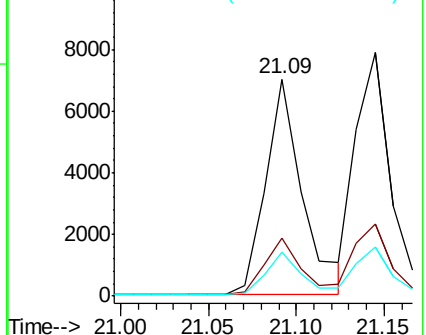
229 20.0 15.9 23.9

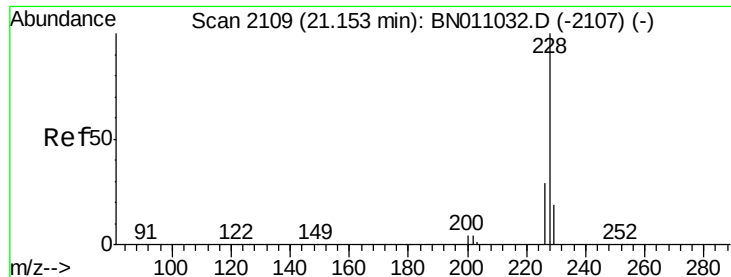


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.361 ng

RT: 21.14 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

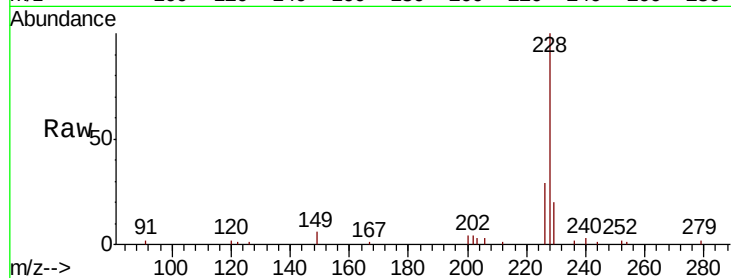
Tot Ion:228 Resp: 11126

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

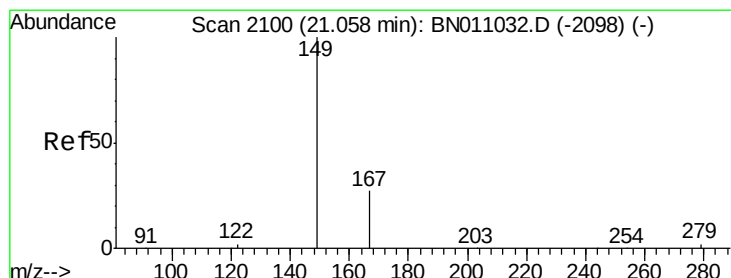
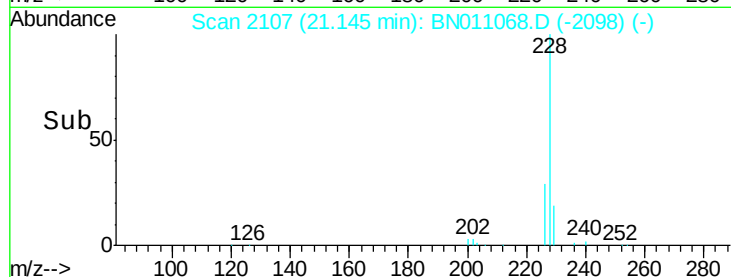
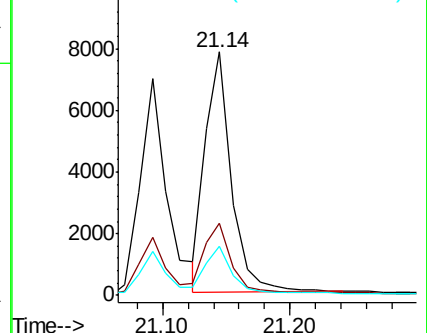
229 20.1 15.8 23.6



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: 0.376 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

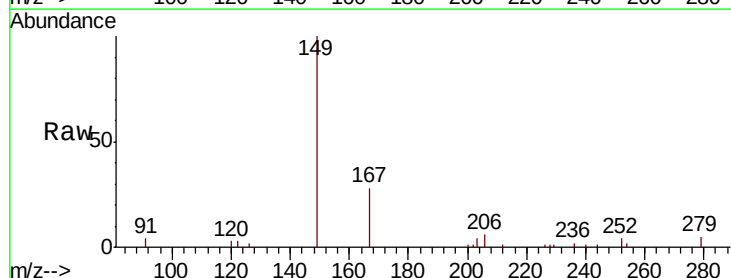
Tgt Ion:149 Resp: 4280

Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

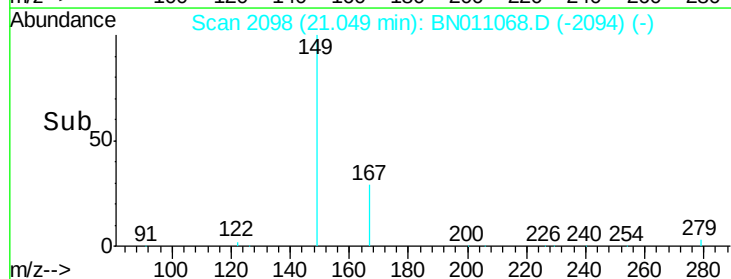
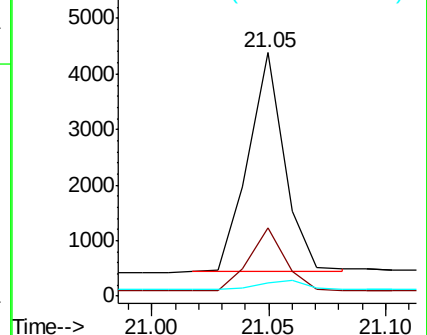
279 5.7 3.9 5.9

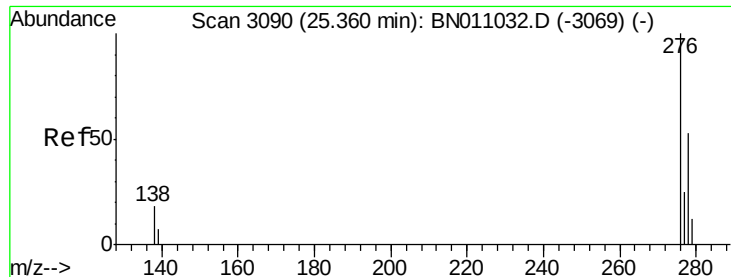


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.364 ng

RT: 25.34 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

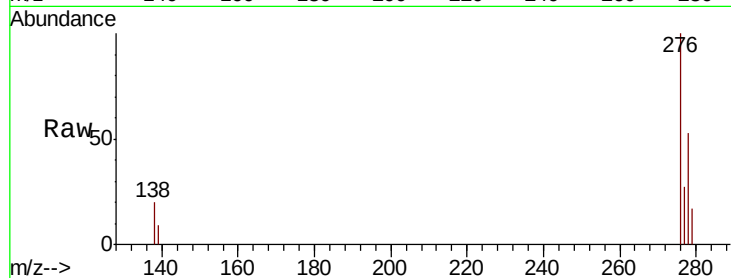
Tot Ion:276 Resp: 12483

Ion Ratio Lower Upper

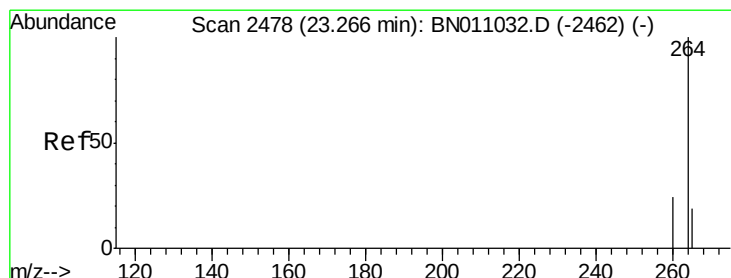
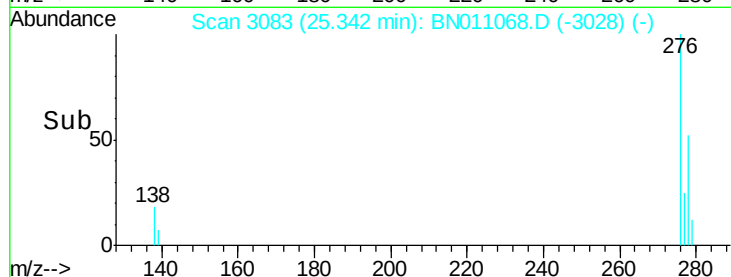
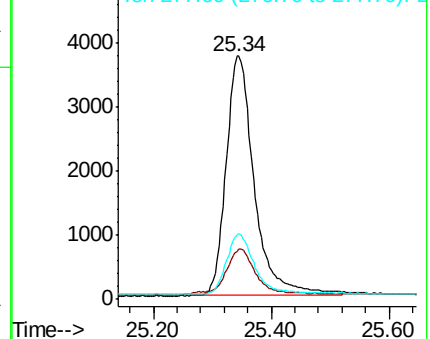
276 100

138 19.9 16.2 24.2

277 25.0 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. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

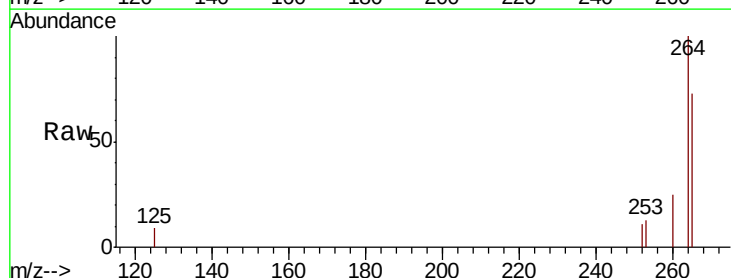
Tgt Ion:264 Resp: 8532

Ion Ratio Lower Upper

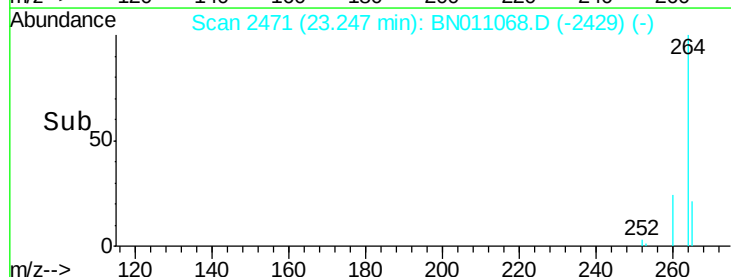
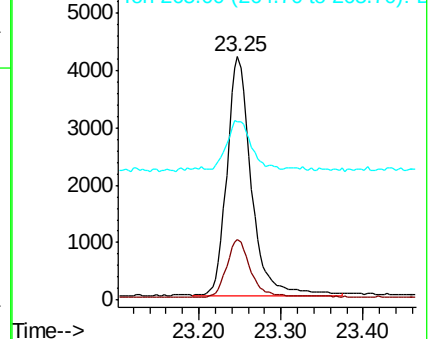
264 100

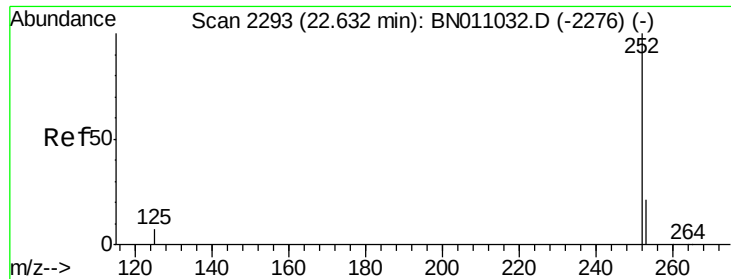
260 24.9 20.0 30.0

265 73.5 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

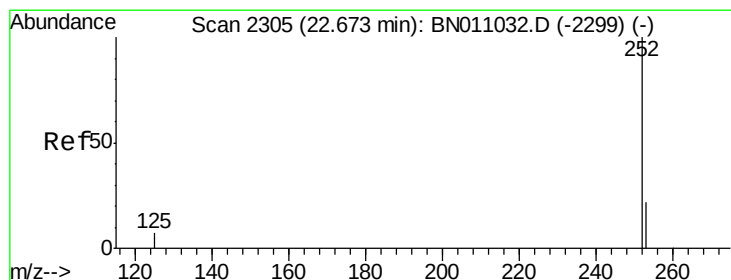
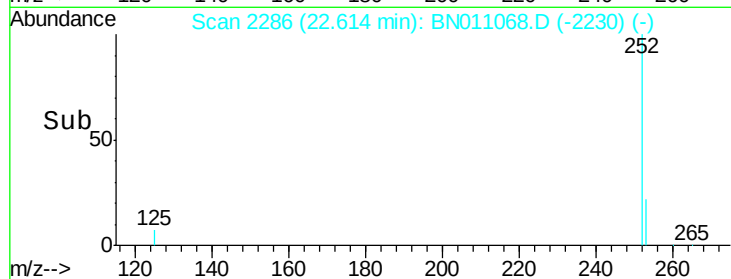
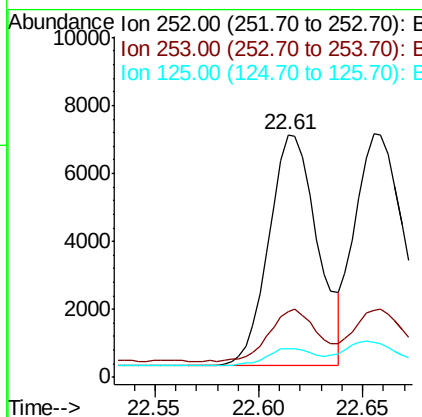
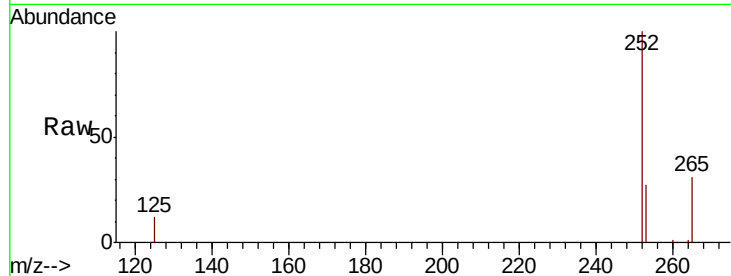




#37
Benzo(b)fluoranthene
Concen: 0.329 ng
RT: 22.61 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

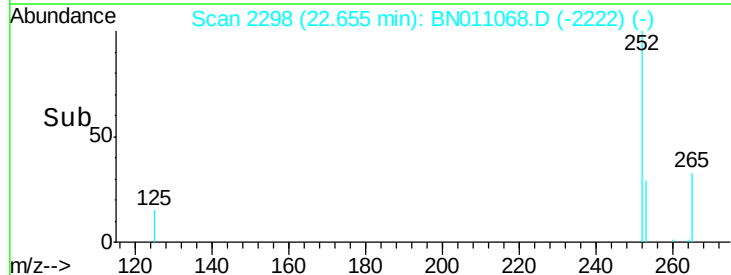
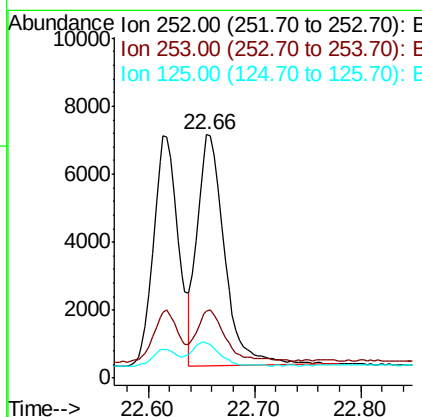
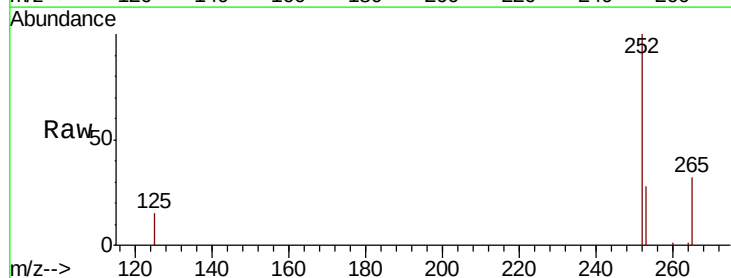
Instrument :
BNA_N
ClientSampleId :
PB129845BSD

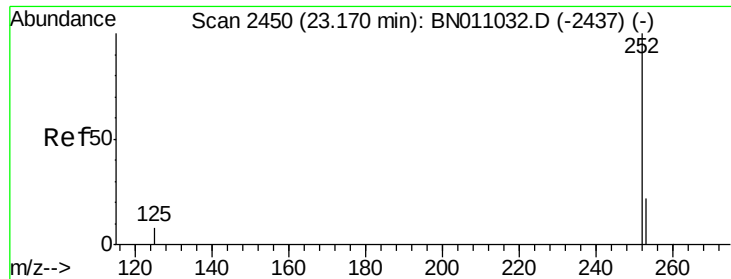
Tot Ion:252 Resp: 11102
Ion Ratio Lower Upper
252 100
253 27.3 21.4 32.0
125 11.8 9.3 13.9



#38
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 22.66 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BN011068.D
Acq: 29 Jun 2020 15:44

Tgt Ion:252 Resp: 12110
Ion Ratio Lower Upper
252 100
253 27.7 21.8 32.6
125 14.5 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.335 ng

RT: 23.15 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

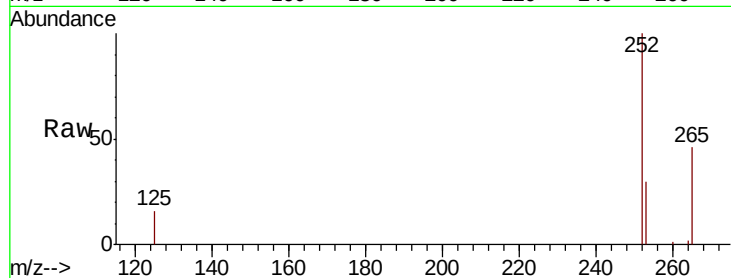
Tot Ion:252 Resp: 10046

Ion Ratio Lower Upper

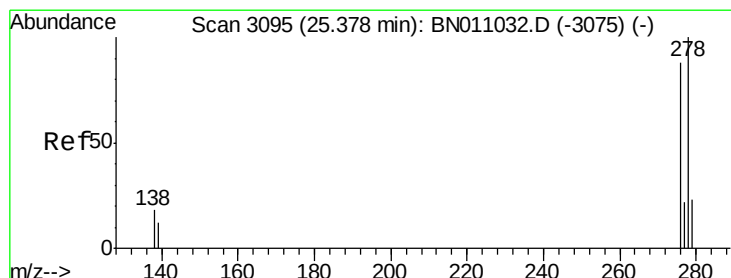
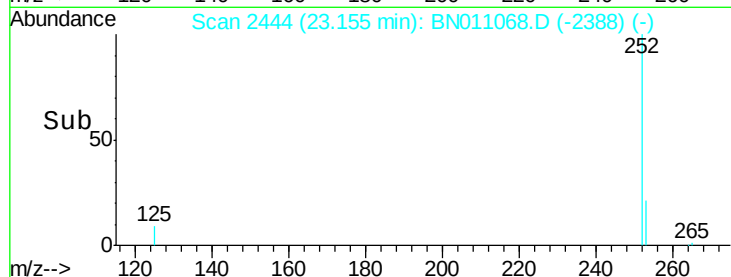
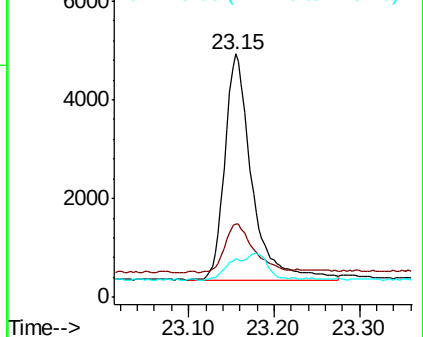
252 100

253 30.4 23.1 34.7

125 15.7 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: 0.306 ng

RT: 25.36 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

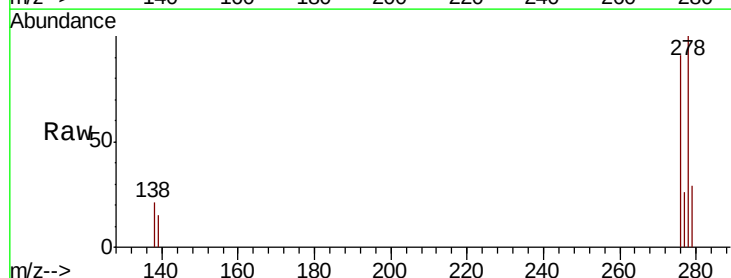
Tgt Ion:278 Resp: 9885

Ion Ratio Lower Upper

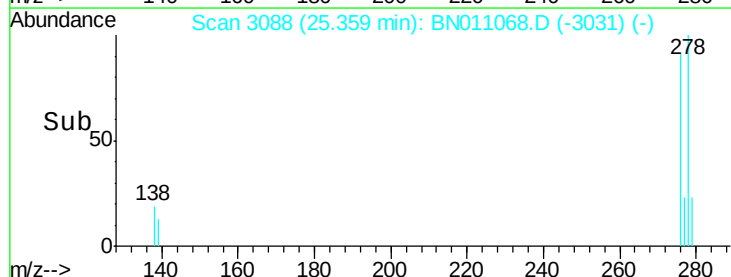
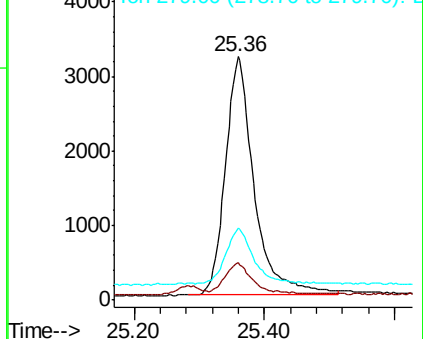
278 100

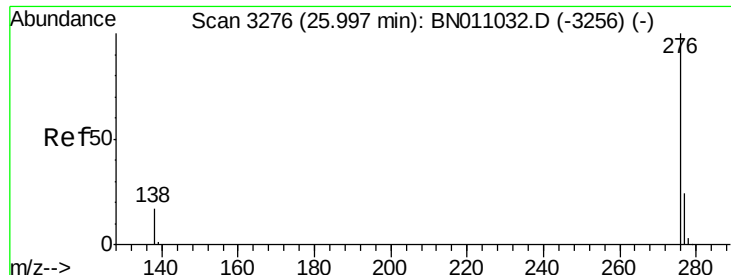
139 15.3 11.2 16.8

279 29.4 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: 0.317 ng

RT: 25.97 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN011068.D

Acq: 29 Jun 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB129845BSD

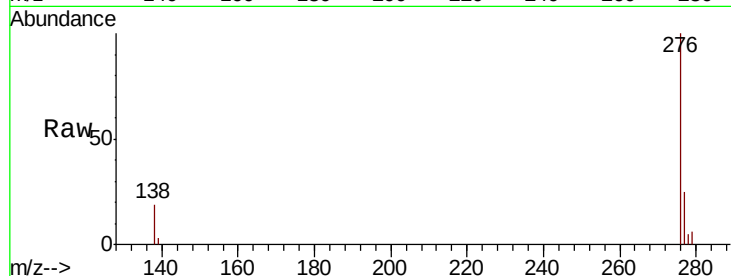
Tot Ion: 276 Resp: 10616

Ion Ratio Lower Upper

276 100

277 25.4 20.4 30.6

138 19.1 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

