

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011042.D
 Acq On : 24 Jun 2020 11:26
 Operator : CG/JU
 Sample : PB129663BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BS

Quant Time: Jun 24 12:40:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2021	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	6878	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	3602	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	7190	0.40	ng	0.00
29) Chrysene-d12	21.11	240	6773	0.40	ng	0.00
36) Perylene-d12	23.25	264	6448	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2283	0.40	ng	0.00
5) Phenol-d6	6.73	99	2757	0.41	ng	0.02
8) Nitrobenzene-d5	8.66	82	2062	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	4675	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	533	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	6951	0.41	ng	0.00
27) Fluoranthene-d10	18.94	212	8820	0.39	ng	0.00
31) Terphenyl-d14	19.56	244	7423	0.41	ng	0.00

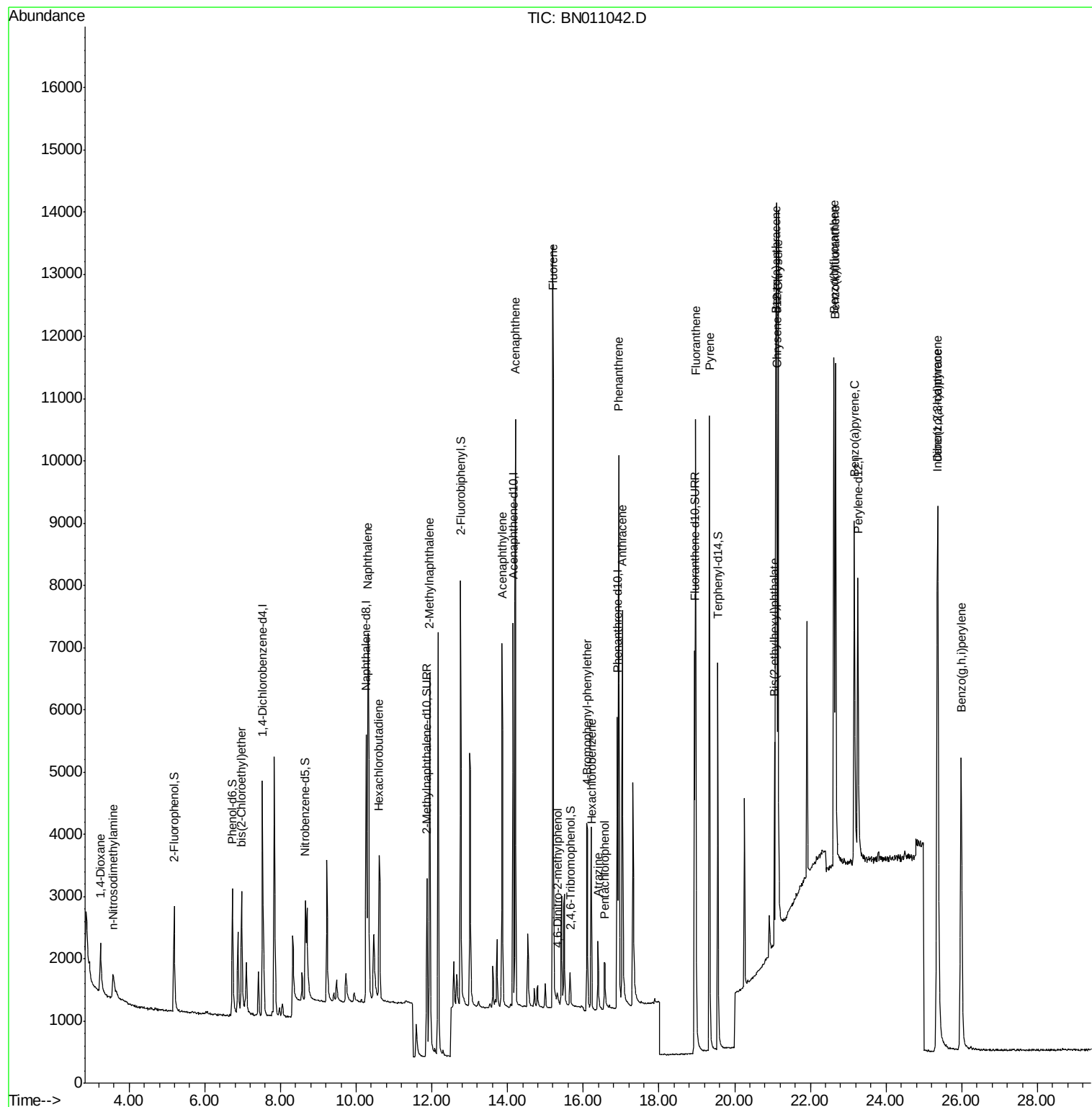
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1134	0.417	ng	97
3) n-Nitrosodimethylamine	3.57	42	519	0.342	ng	# 86
6) bis(2-Chloroethyl)ether	6.98	93	2142	0.368	ng	94
9) Naphthalene	10.32	128	8186	0.392	ng	99
10) Hexachlorobutadiene	10.61	225	2019	0.401	ng	# 97
12) 2-Methylnaphthalene	11.94	142	5374	0.384	ng	99
16) Acenaphthylene	13.85	152	7376	0.406	ng	100
17) Acenaphthene	14.21	154	4987	0.409	ng	99
18) Fluorene	15.20	166	6274	0.403	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	276	0.229	ng	# 68
21) 4-Bromophenyl-phenylether	16.11	248	1937	0.390	ng	# 75
22) Hexachlorobenzene	16.22	284	2359	0.429	ng	99
23) Atrazine	16.39	200	1124	0.306	ng	96
24) Pentachlorophenol	16.57	266	570	0.328	ng	95
25) Phenanthrene	16.93	178	9631	0.397	ng	100
26) Anthracene	17.03	178	7910	0.393	ng	99
28) Fluoranthene	18.97	202	10579	0.382	ng	100
30) Pyrene	19.33	202	10524	0.404	ng	99
32) Benzo(a)anthracene	21.09	228	9073	0.387	ng	99
33) Chrysene	21.14	228	10555	0.413	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	3086	0.327	ng	99
35) Indeno(1,2,3-cd)pyrene	25.35	276	11763	0.413	ng	100
37) Benzo(b)fluoranthene	22.62	252	10336	0.405	ng	99
38) Benzo(k)fluoranthene	22.67	252	10725	0.404	ng	99
39) Benzo(a)pyrene	23.16	252	8994	0.397	ng	96
40) Dibenzo(a,h)anthracene	25.37	278	9496	0.389	ng	99
41) Benzo(g,h,i)perylene	25.99	276	10168	0.402	ng	99

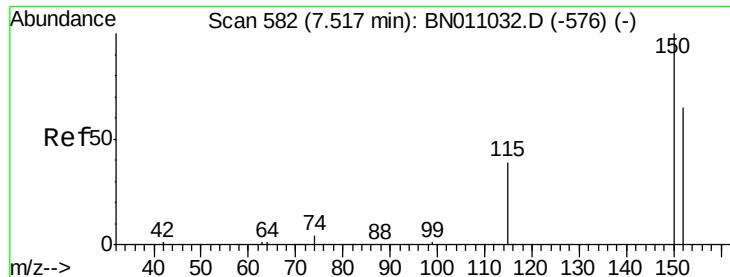
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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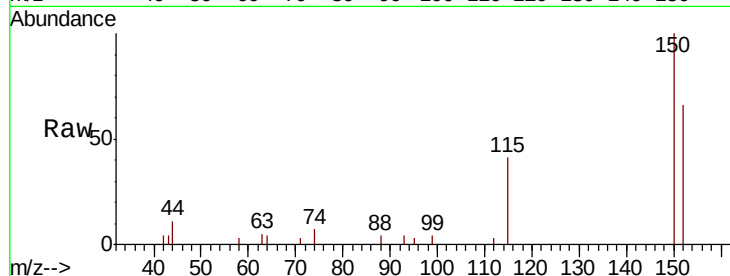


#1

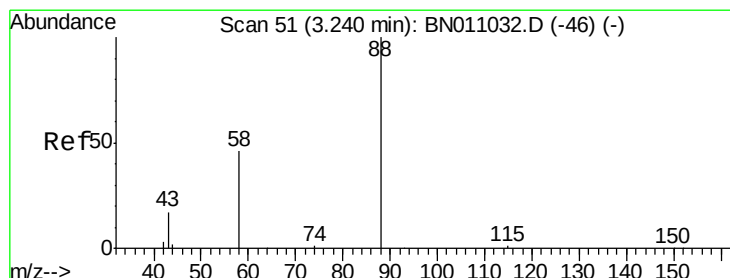
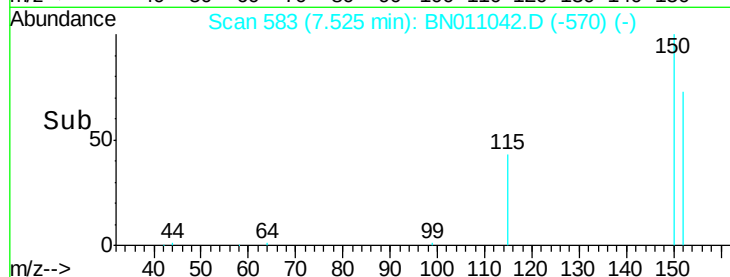
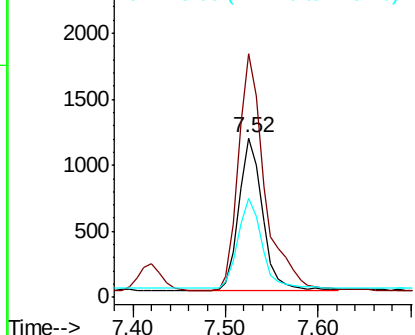
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tot Ion:152 Resp: 2021
Ion Ratio Lower Upper
152 100
150 152.6 121.8 182.8
115 62.0 50.2 75.2



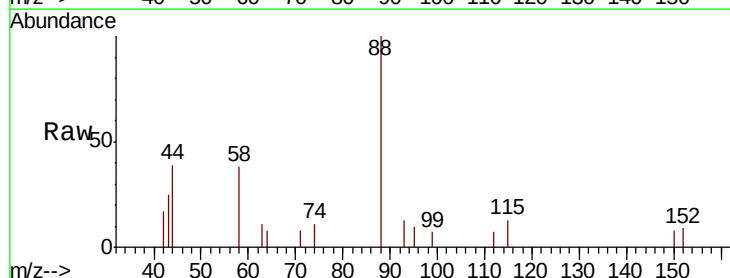
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



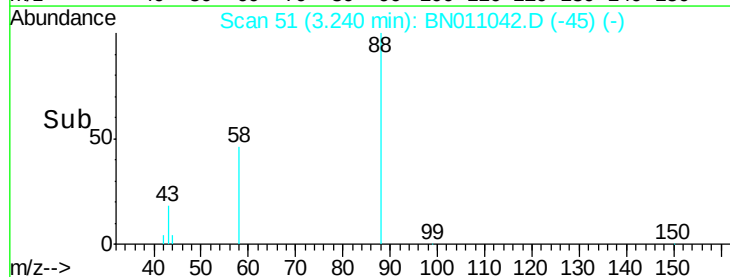
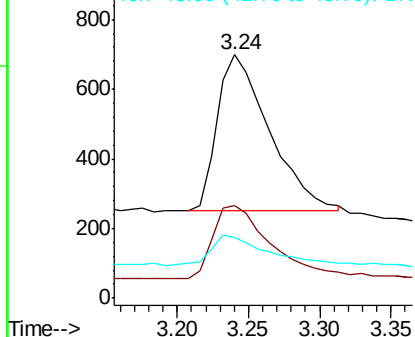
#2

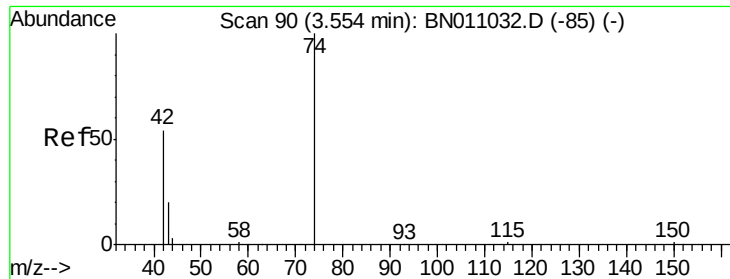
1,4-Dioxane
Concen: 0.417 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion: 88 Resp: 1134
Ion Ratio Lower Upper
88 100
58 50.8 38.4 57.6
43 17.0 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



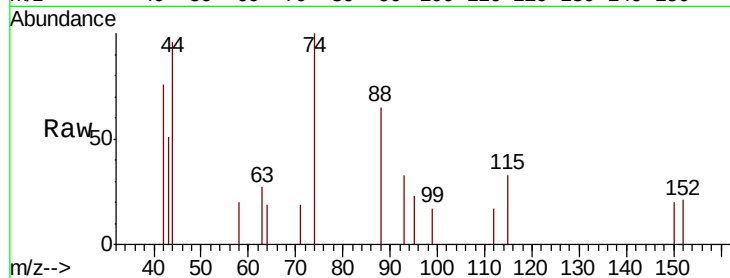


#3

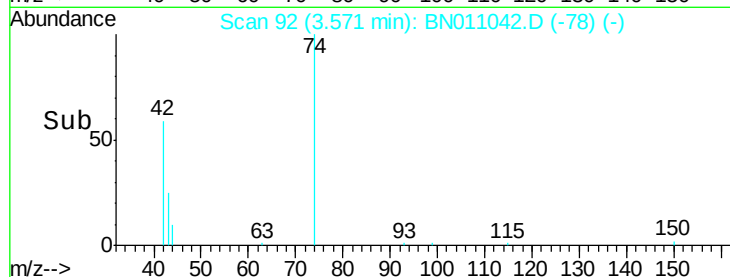
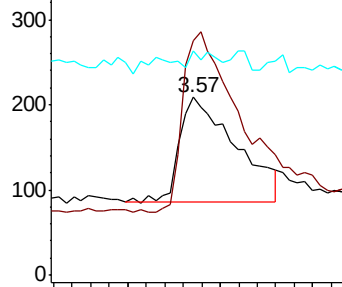
n-Nitrosodimethylamine
 Concen: 0.342 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.02 min
 Lab File: BN011042.D
 Acq: 24 Jun 2020 11:26

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BS

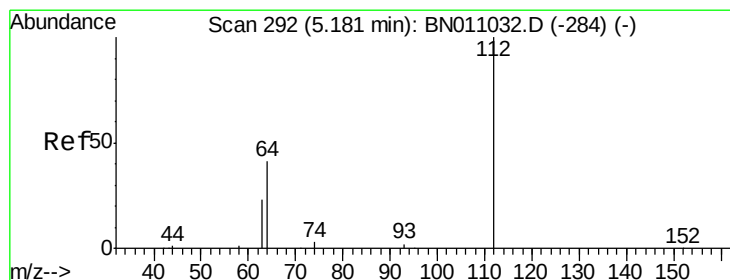
Tot Ion	42	Resp	519
Ion Ratio	Lower	Upper	
42	100		
74	172.6	154.8	232.2
44	7.9	4.8	7.2#



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



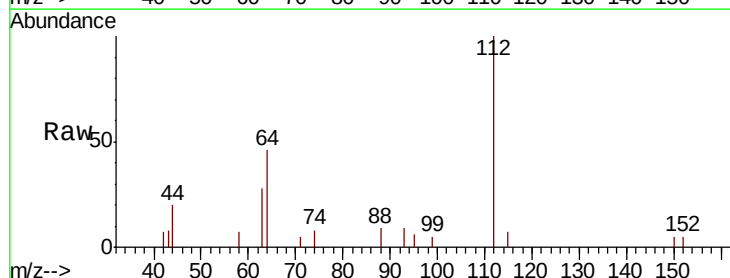
Time-->



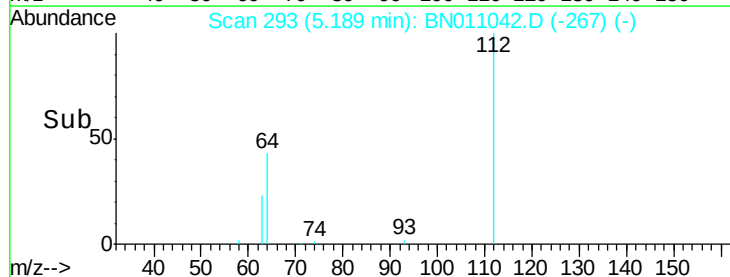
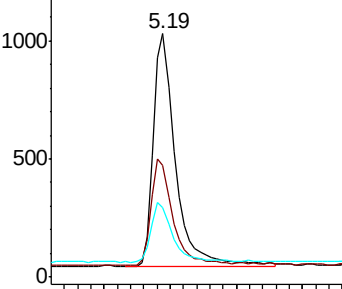
#4

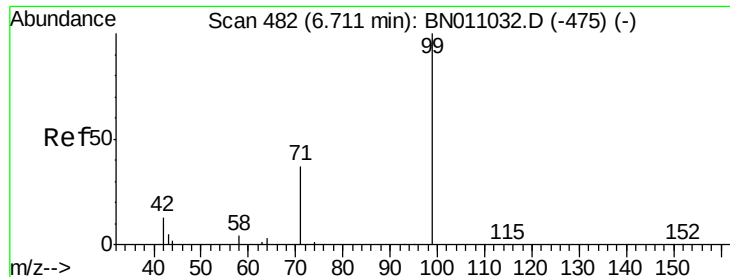
2-Fluorophenol
 Concen: 0.401 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BN011042.D
 Acq: 24 Jun 2020 11:26

Tgt Ion	112	Resp	2283
Ion Ratio	Lower	Upper	
112	100		
64	45.5	37.3	55.9
63	25.5	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: 0.409 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.02 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

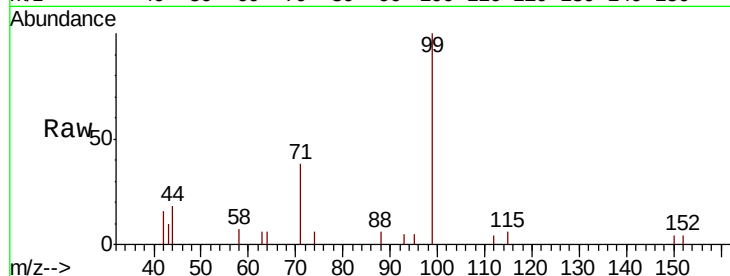
Tot Ion: 99 Resp: 2757

Ion Ratio Lower Upper

99 100

42 14.5 10.6 16.0

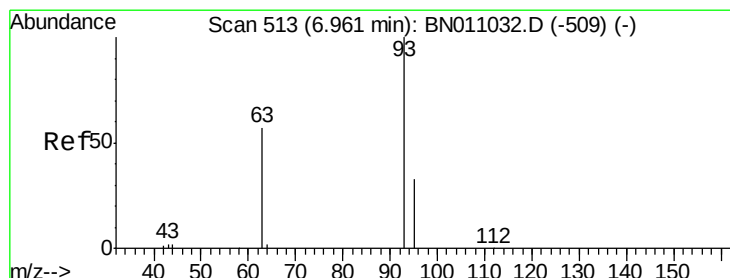
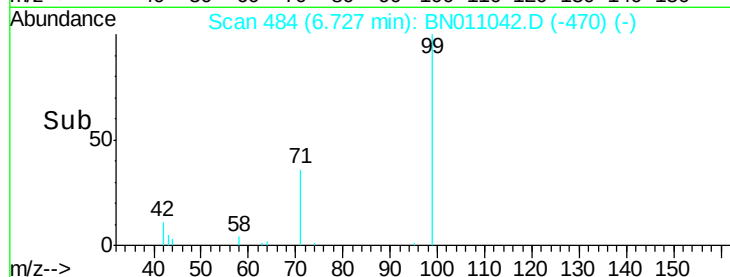
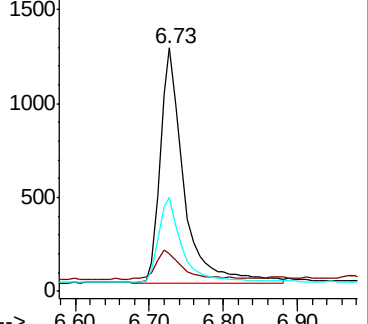
71 35.7 28.7 43.1



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: 0.368 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.02 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

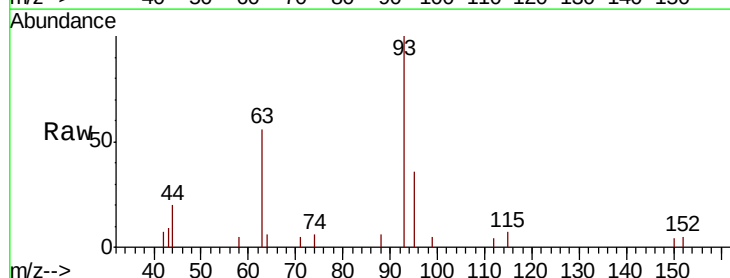
Tgt Ion: 93 Resp: 2142

Ion Ratio Lower Upper

93 100

63 59.7 43.7 65.5

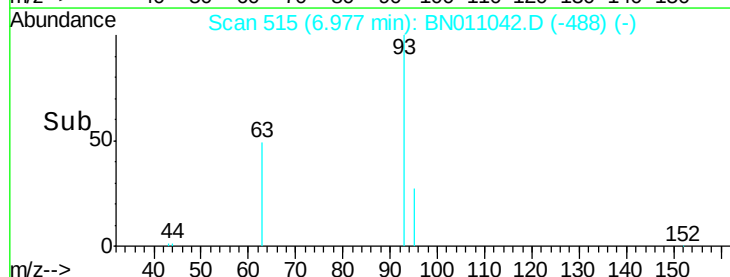
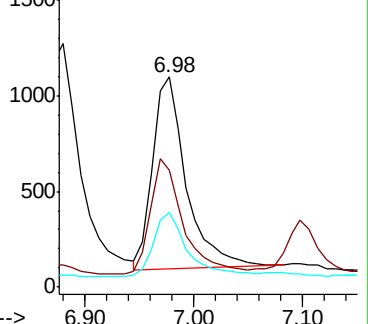
95 34.5 25.3 37.9

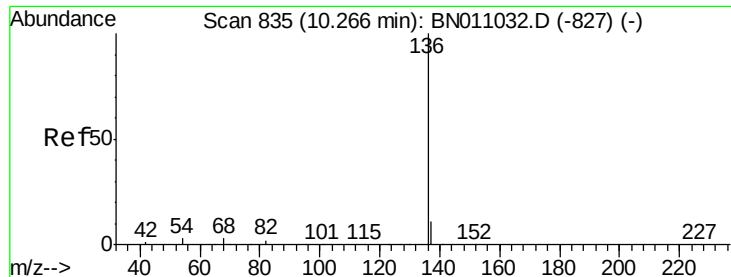


Abundance Ion 93.00 (92.70 to 93.70): BN011032.D (-509) (-)

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: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

Tot Ion:136 Resp: 6878

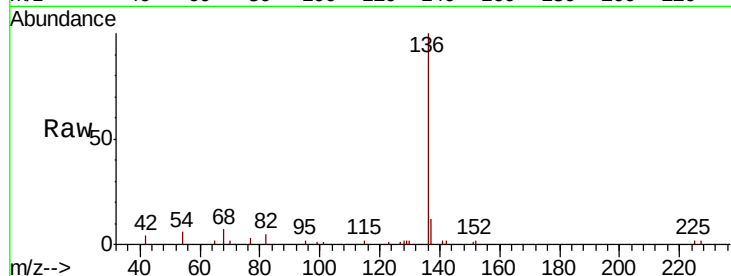
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 6.2 3.0 4.4#

68 6.5 3.4 5.2#

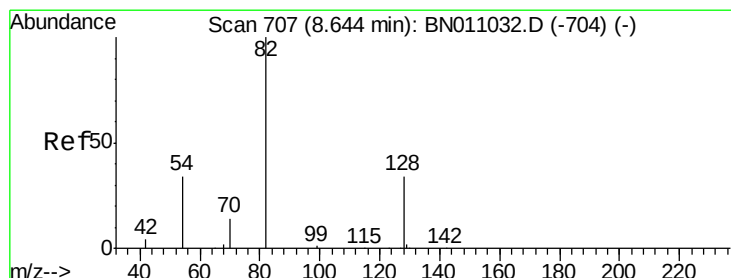
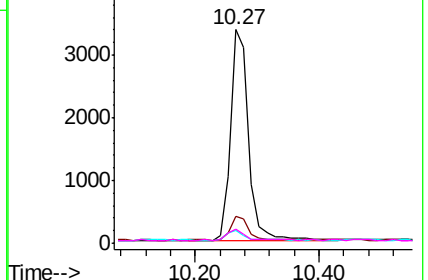
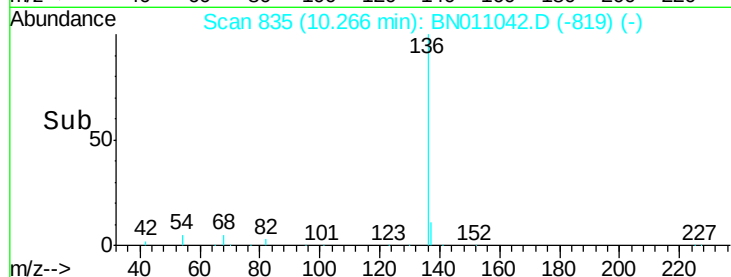


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.329 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

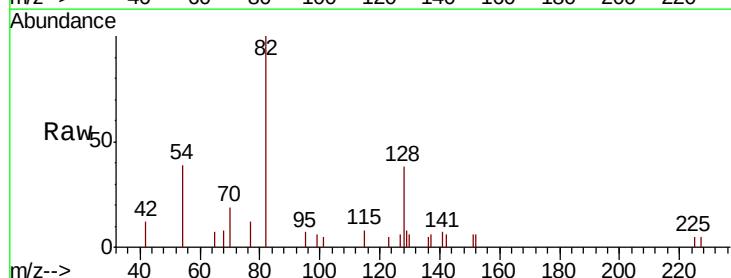
Tgt Ion: 82 Resp: 2062

Ion Ratio Lower Upper

82 100

128 38.1 29.4 44.2

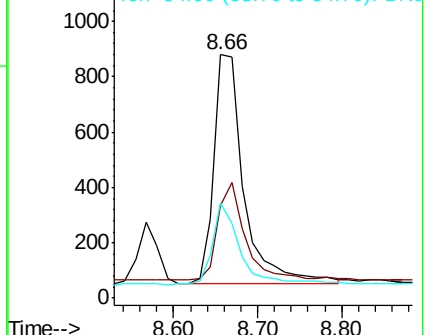
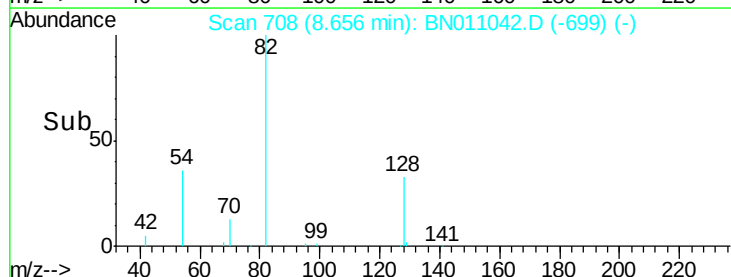
54 38.9 28.8 43.2

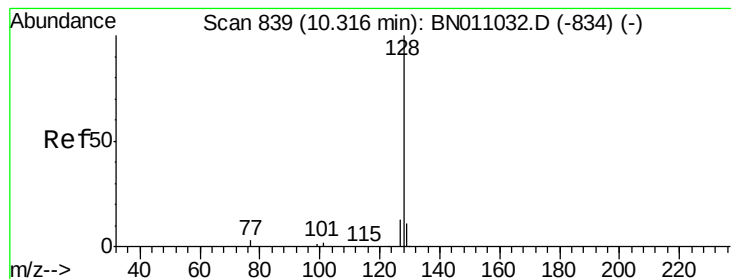


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.392 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

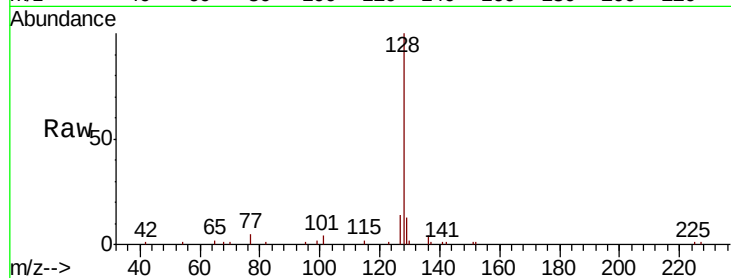
Tot Ion:128 Resp: 8186

Ion Ratio Lower Upper

128 100

129 12.5 9.8 14.6

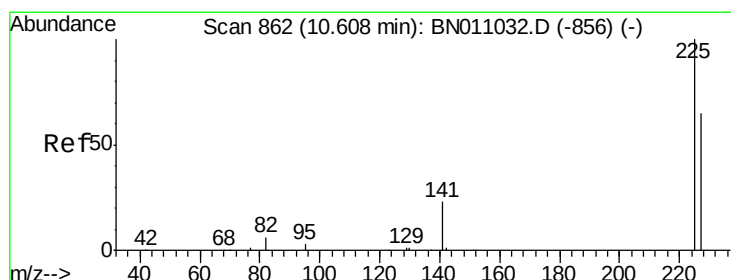
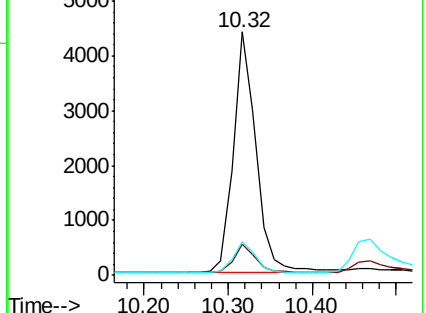
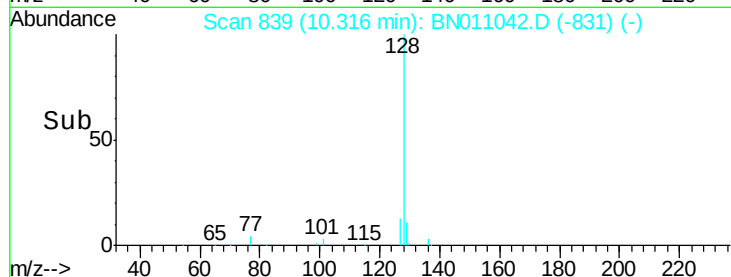
127 14.1 10.9 16.3



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: BN011042.D

Acq: 24 Jun 2020 11:26

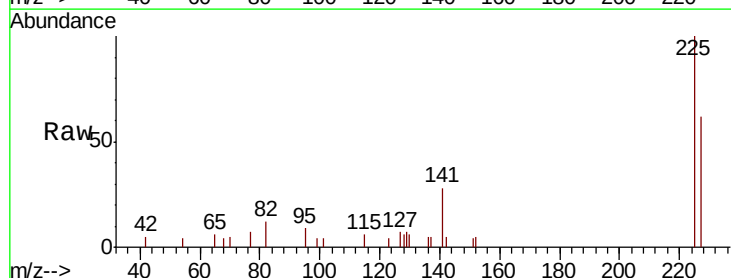
Tgt Ion:225 Resp: 2019

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

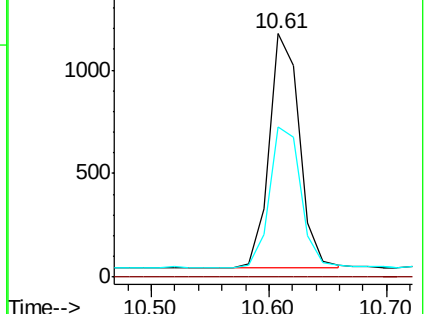
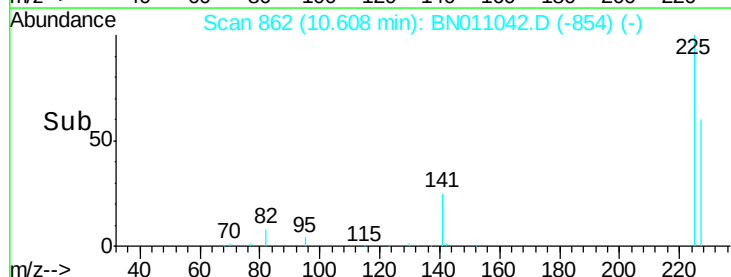
227 62.5 51.7 77.5

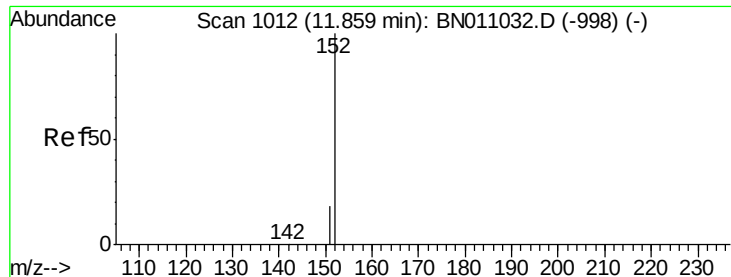


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 11.87 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampled :

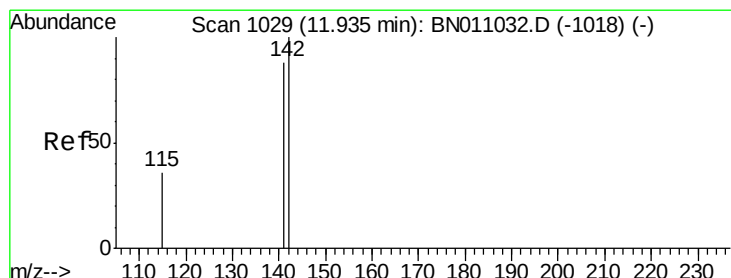
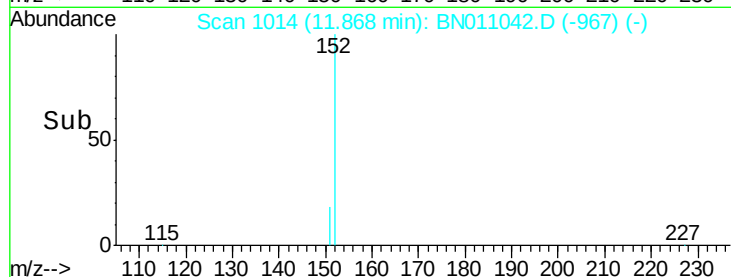
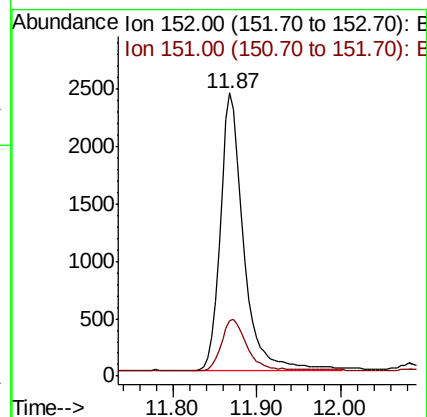
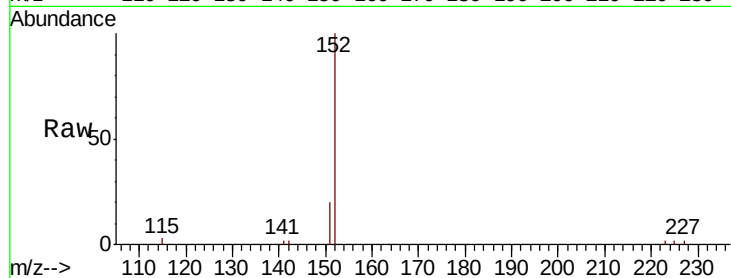
PB129663BS

Tot Ion:152 Resp: 4675

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.384 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

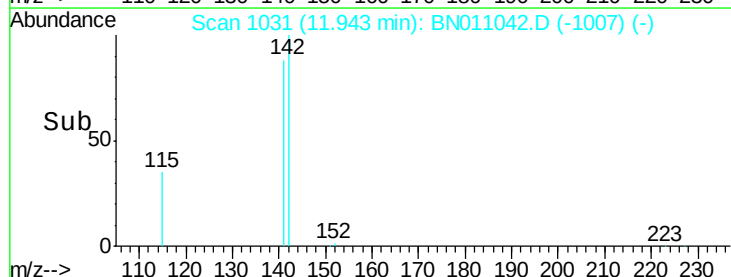
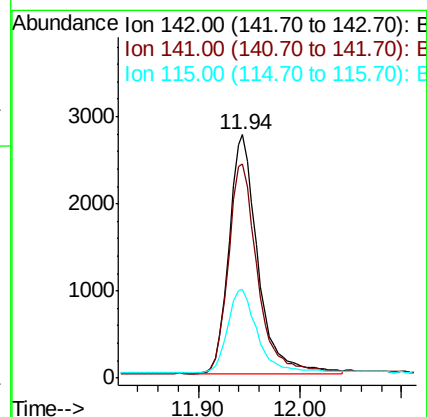
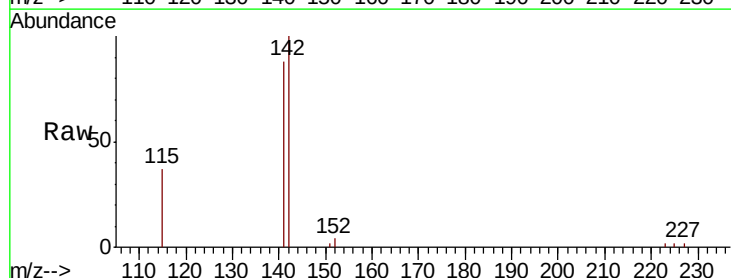
Tgt Ion:142 Resp: 5374

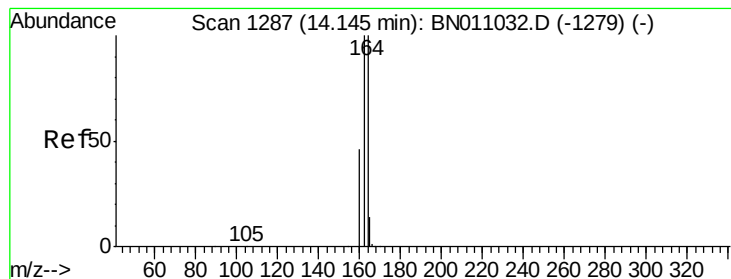
Ion Ratio Lower Upper

142 100

141 87.9 70.6 106.0

115 36.6 30.2 45.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

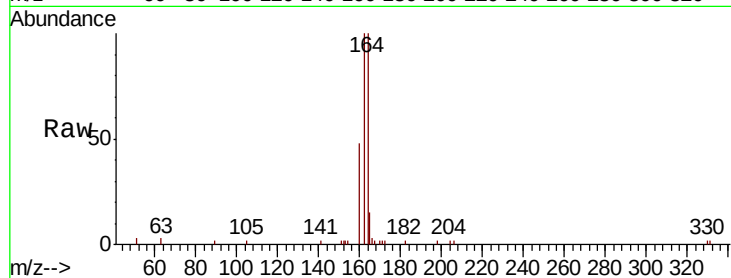
Tot Ion:164 Resp: 3602

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.4

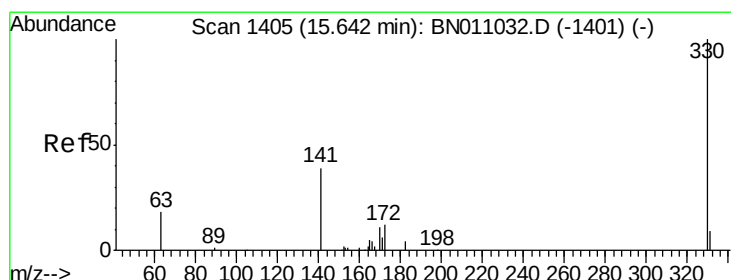
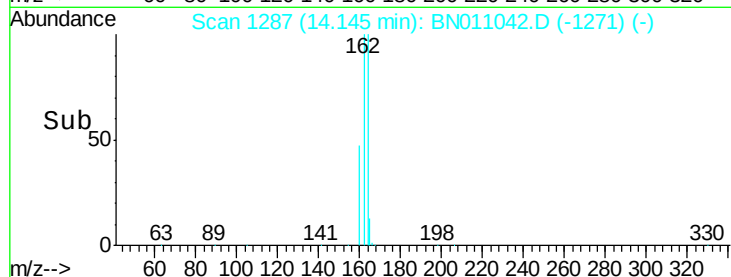
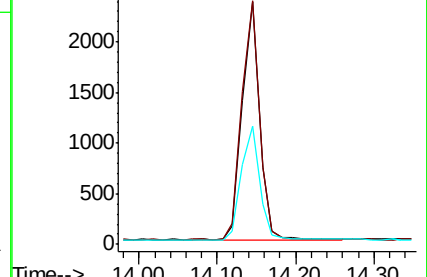
160 48.5 37.7 56.5



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: 0.337 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

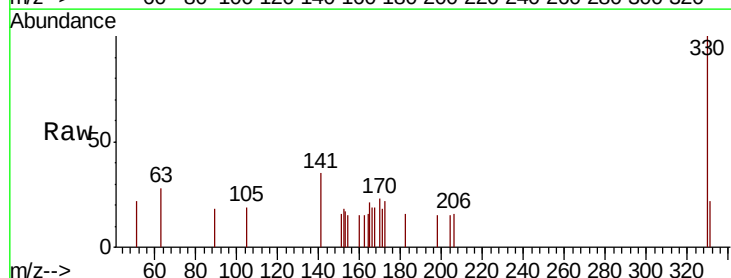
Tgt Ion:330 Resp: 533

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

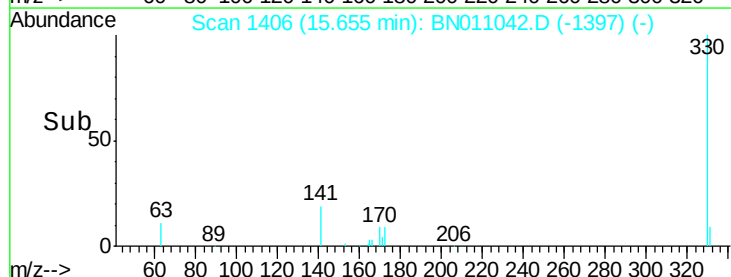
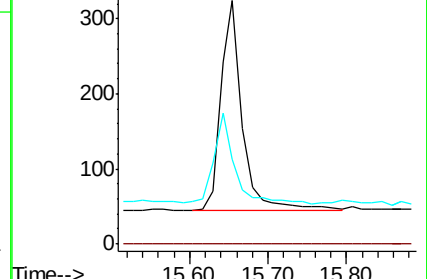
141 41.7 34.5 51.7

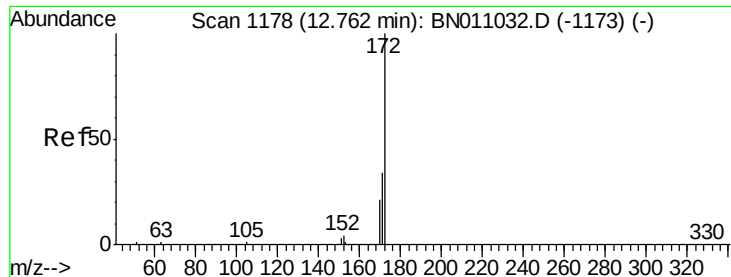


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

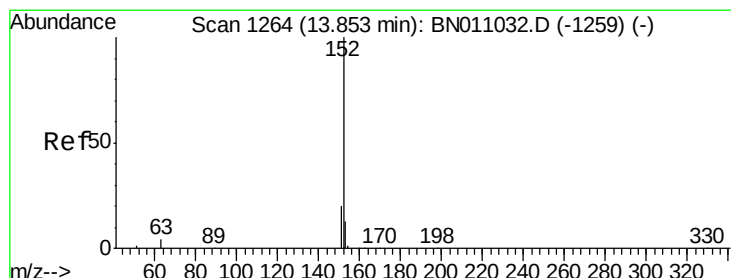
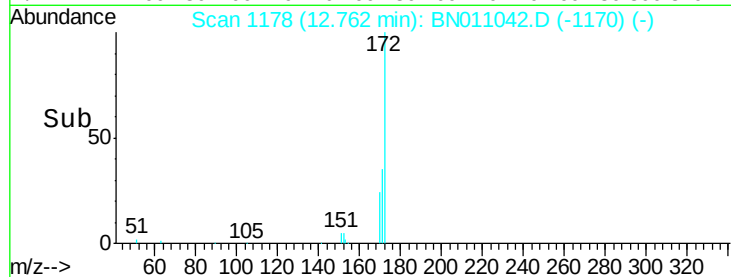
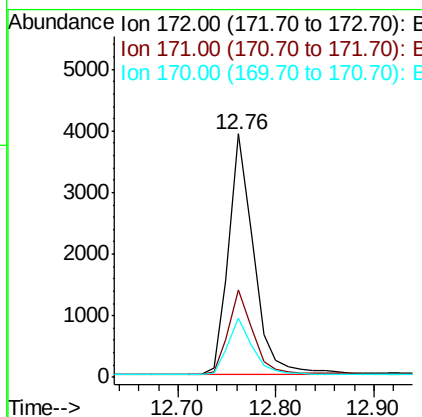
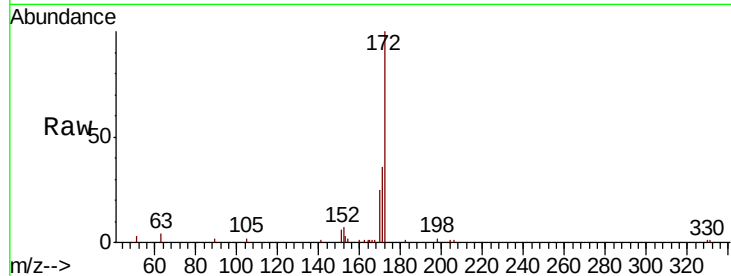




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

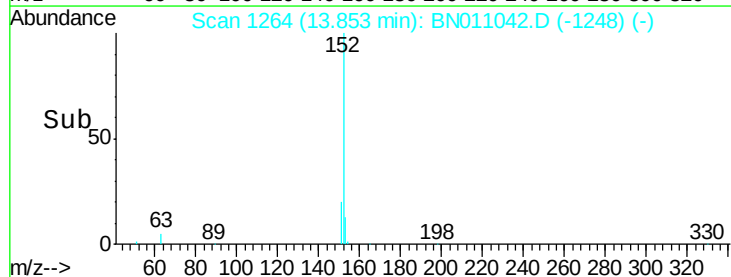
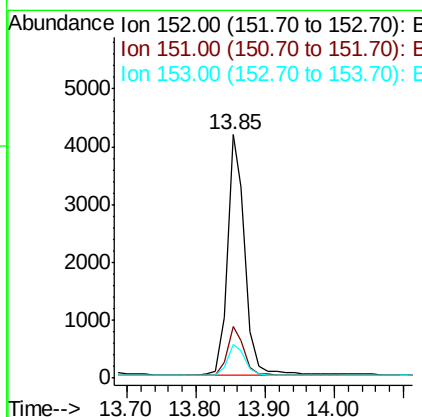
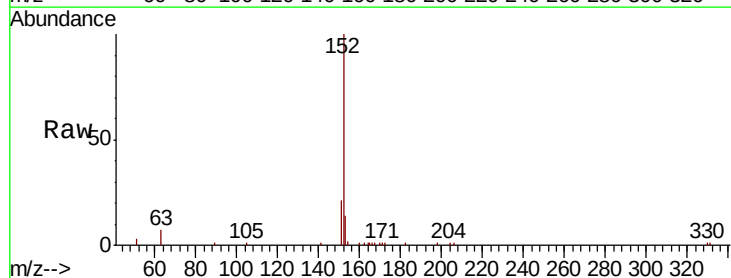
Instrument :
BNA_N
ClientSampleId :
PB129663BS

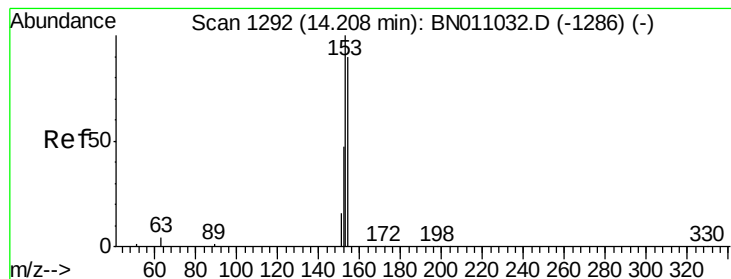
Tot Ion:172 Resp: 6951
Ion Ratio Lower Upper
172 100
171 35.7 27.4 41.2
170 24.6 17.5 26.3



#16
Acenaphthylene
Concen: 0.406 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:152 Resp: 7376
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.2 15.2





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.21 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

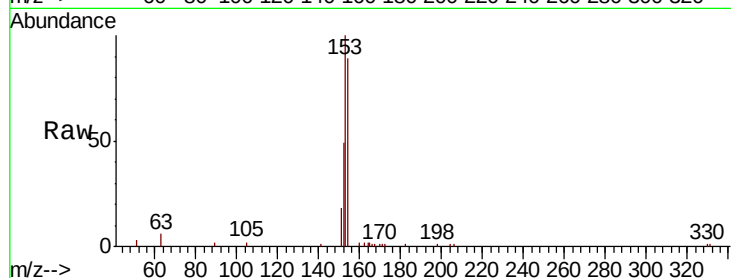
BNA_N

ClientSampleId :

PB129663BS

Tot Ion:154 Resp: 4987

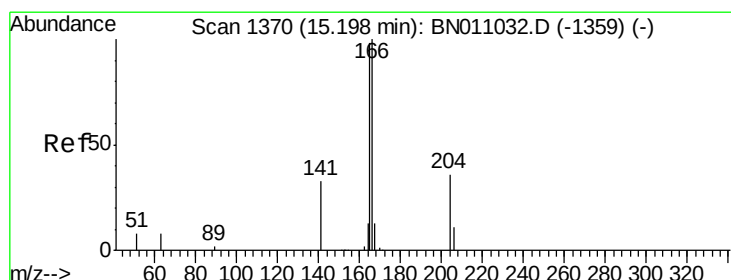
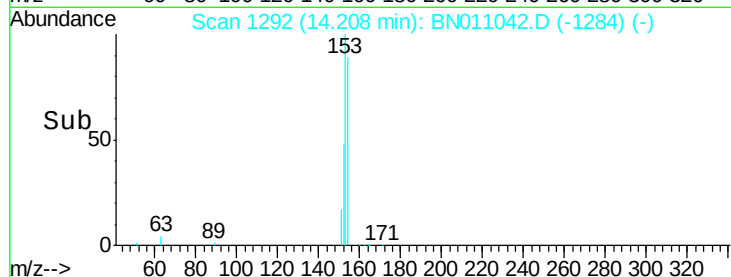
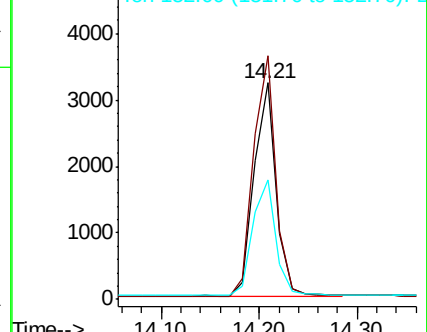
Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.3	138.5
152	58.1	45.5	68.3



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: 0.403 ng

RT: 15.20 min Scan# 1370

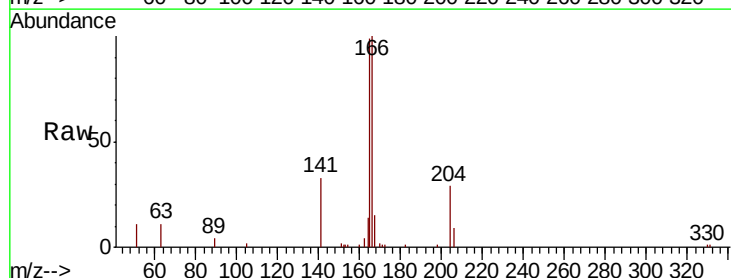
Delta R.T. -0.00 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Tgt Ion:166 Resp: 6274

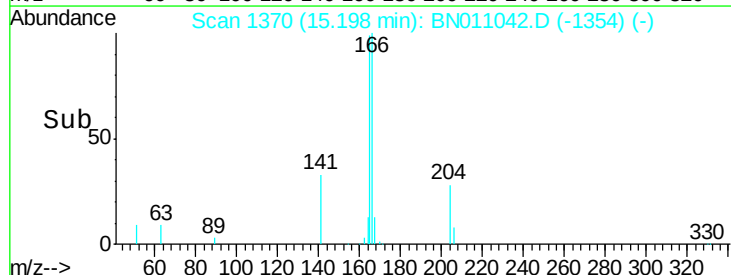
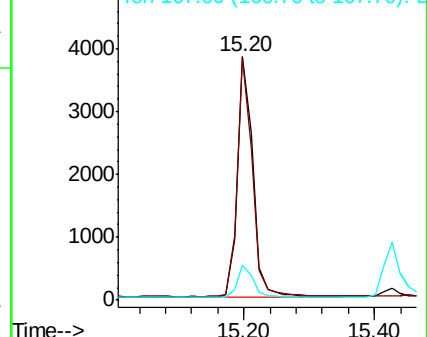
Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.8	116.8
167	13.3	10.8	16.2

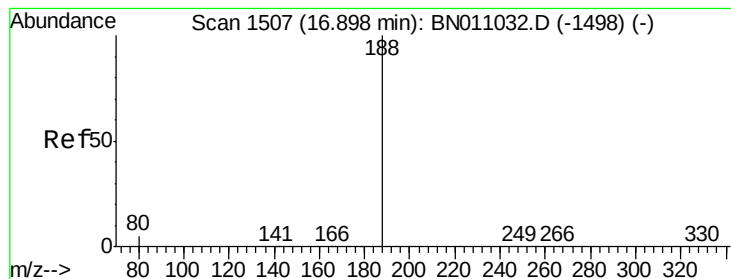


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

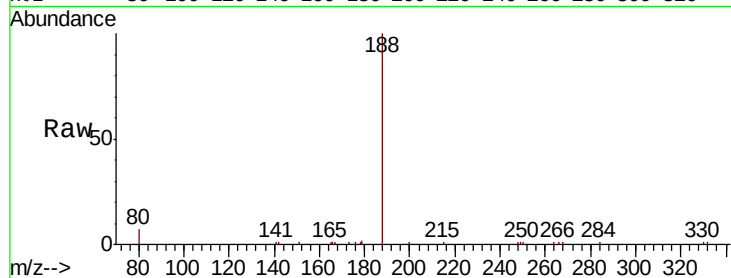
Tot Ion:188 Resp: 7190

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

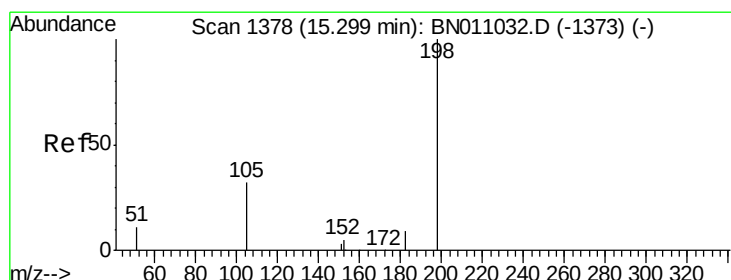
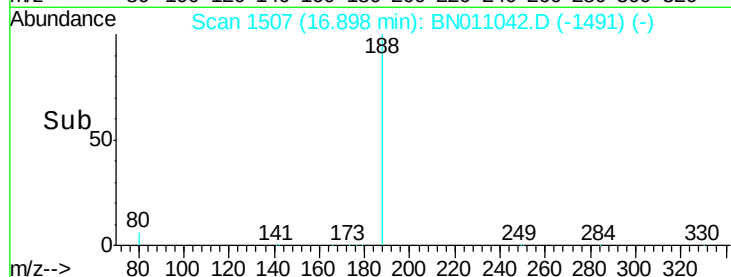
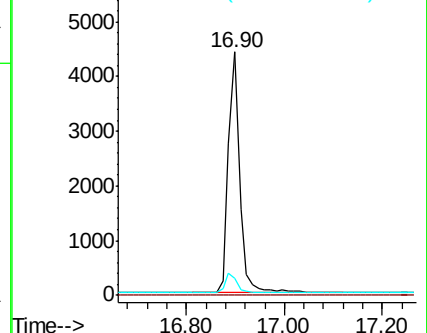
80 7.1 4.6 7.0#



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: 0.229 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

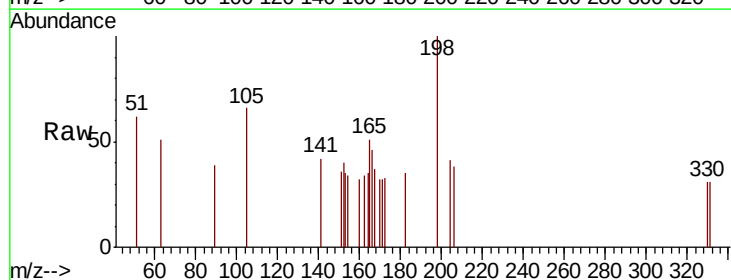
Tgt Ion:198 Resp: 276

Ion Ratio Lower Upper

198 100

51 61.8 29.5 44.3#

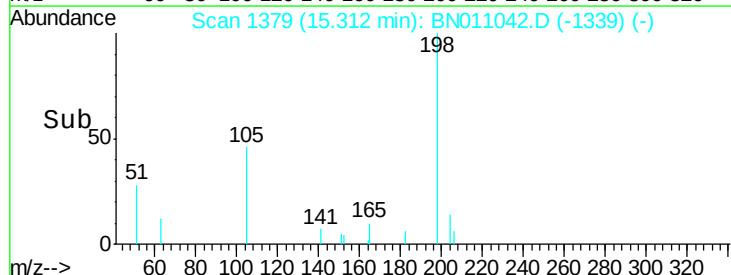
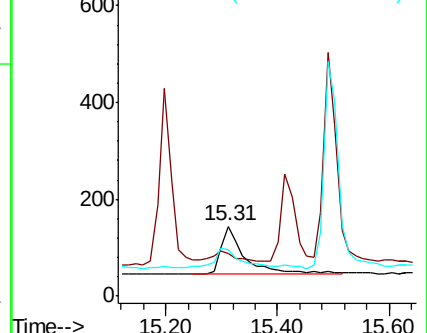
105 66.0 39.2 58.8#

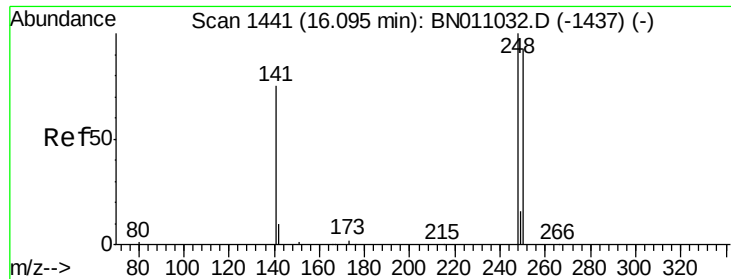


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

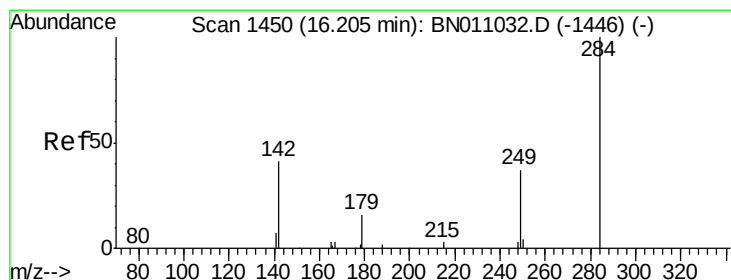
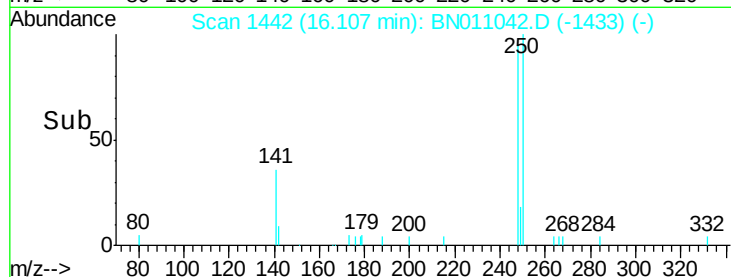
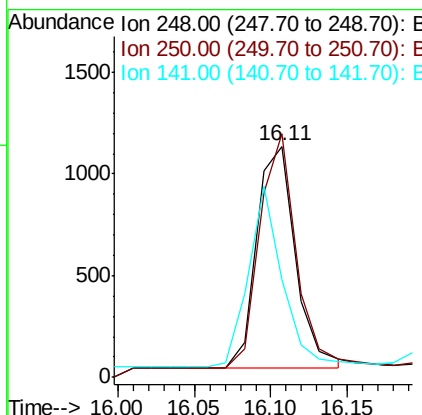
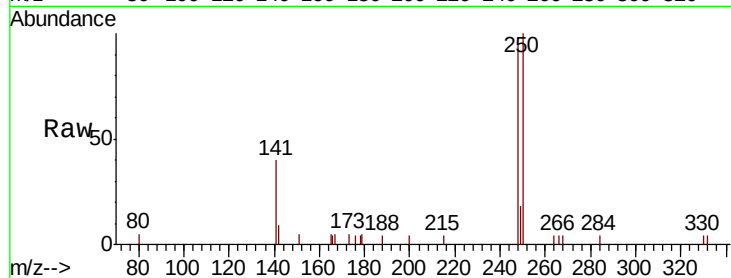




#21
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

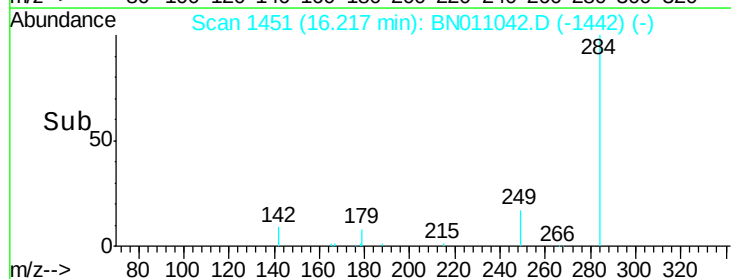
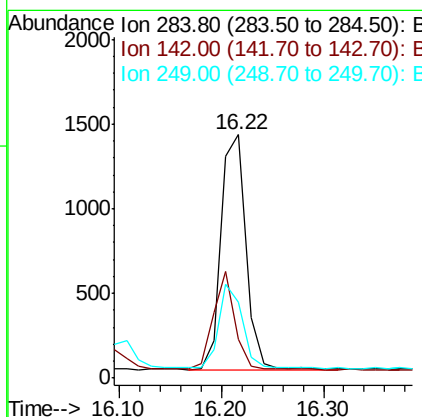
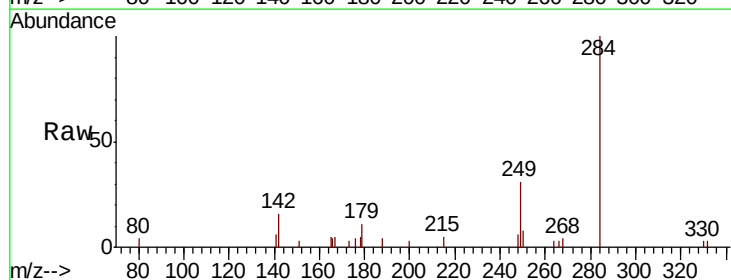
Instrument :
BNA_N
ClientSampleId :
PB129663BS

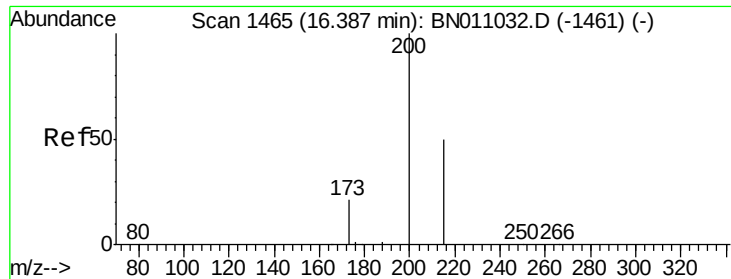
Tot Ion:248 Resp: 1937
Ion Ratio Lower Upper
248 100
250 105.3 74.6 111.8
141 42.3 60.9 91.3#



#22
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:284 Resp: 2359
Ion Ratio Lower Upper
284 100
142 37.3 30.4 45.6
249 33.9 27.0 40.4

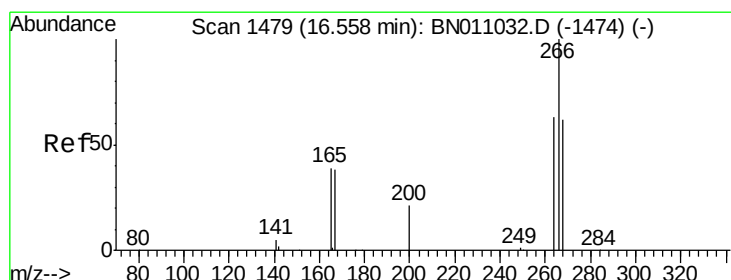
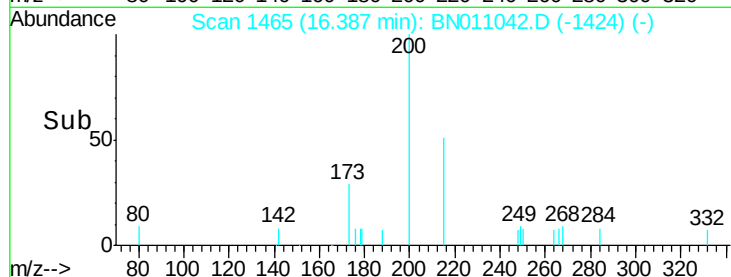
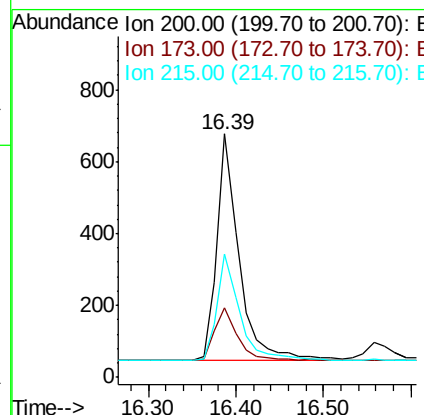
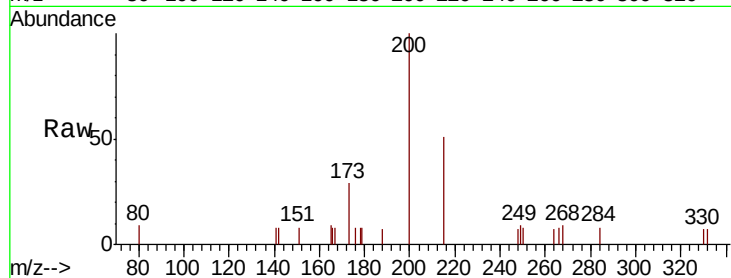




#23
Atrazine
Concen: 0.306 ng
RT: 16.39 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

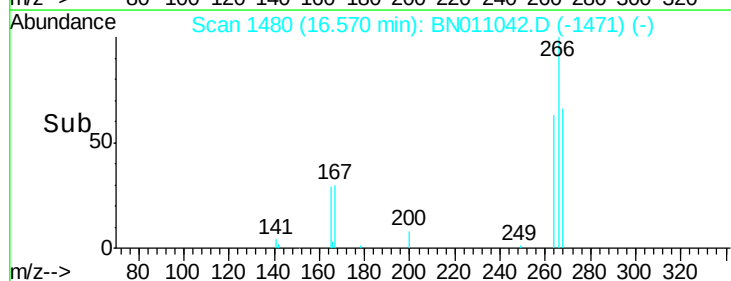
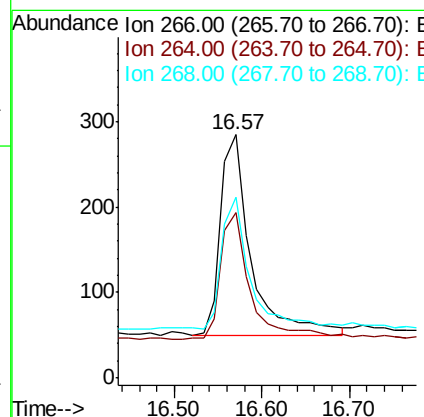
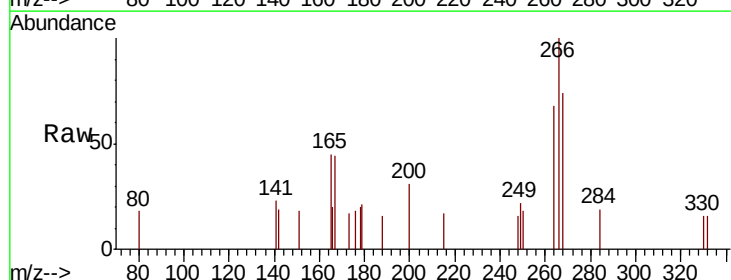
Instrument :
BNA_N
ClientSampleId :
PB129663BS

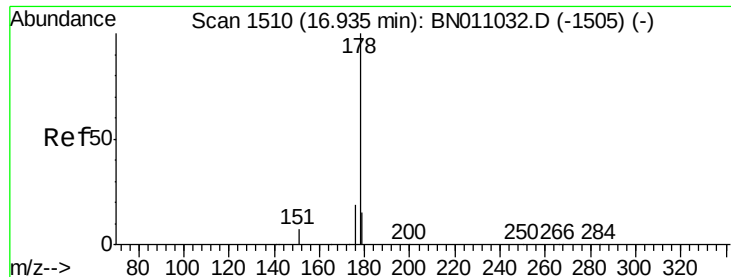
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	19.4	29.2
215	50.8	41.5	62.3



#24
Pentachlorophenol
Concen: 0.328 ng
RT: 16.57 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.4	77.0
268	60.7	54.9	82.3





#25

Phenanthrene

Concen: 0.397 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

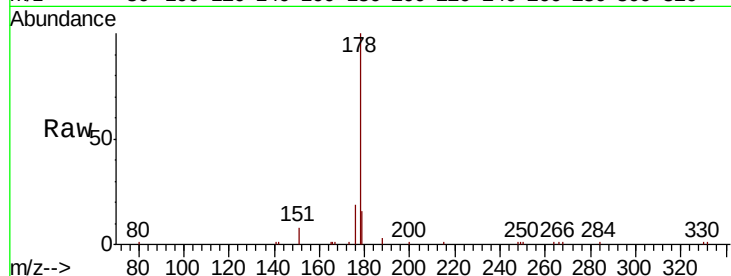
BNA_N

ClientSampleId :

PB129663BS

Tot Ion:178 Resp: 9631

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.1	12.3	18.5

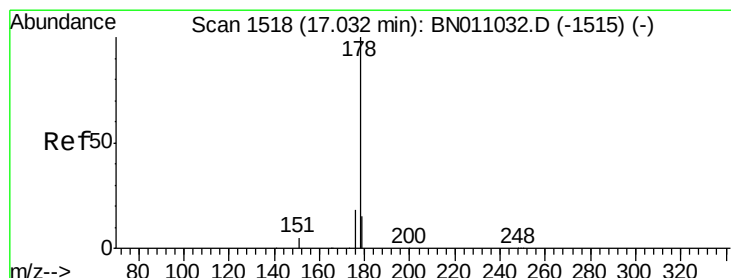
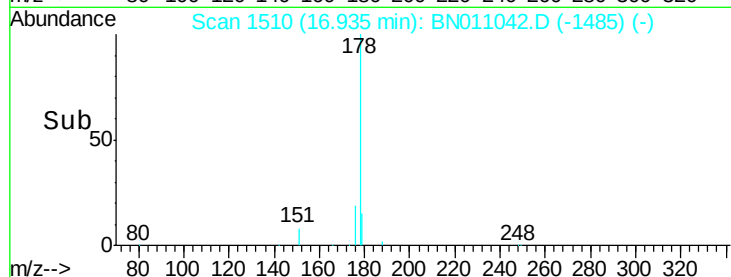
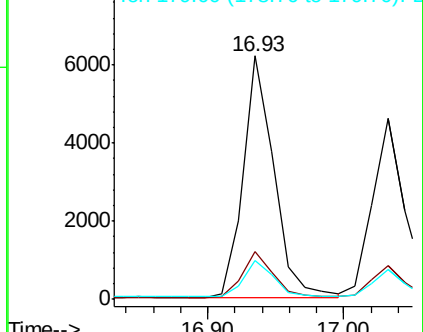


Abundance

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: 0.393 ng

RT: 17.03 min Scan# 1518

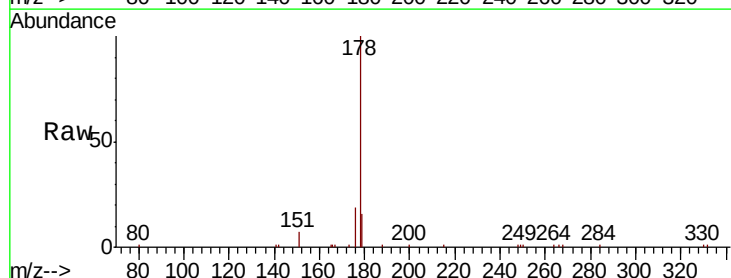
Delta R.T. -0.00 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Tgt Ion:178 Resp: 7910

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.1	12.2	18.4

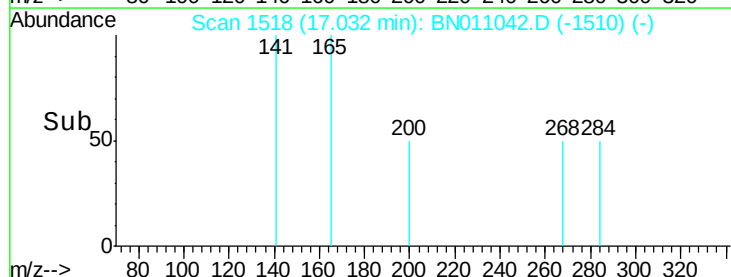
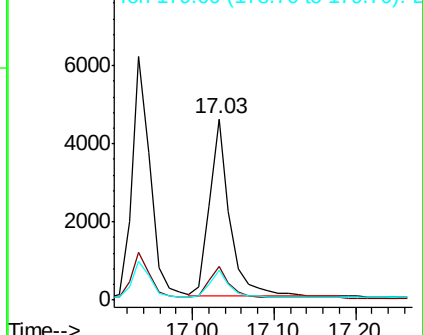


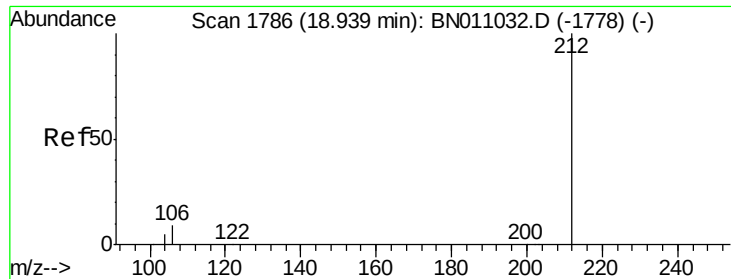
Abundance

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

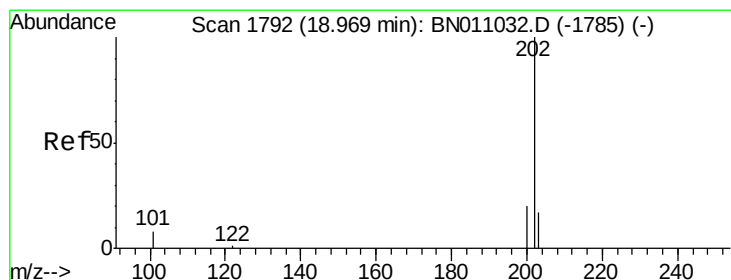
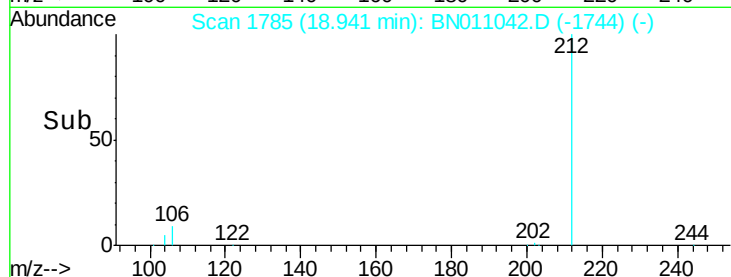
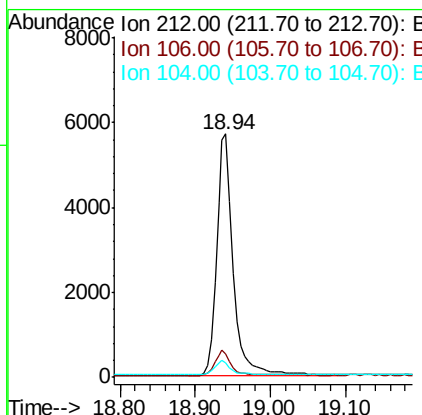
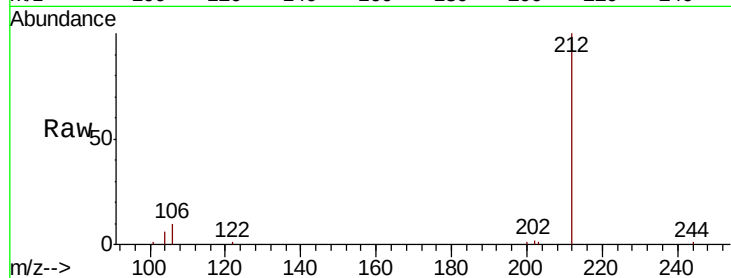




#27
 Fluoranthene-d10
 Concen: 0.388 ng
 RT: 18.94 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BN011042.D
 Acq: 24 Jun 2020 11:26

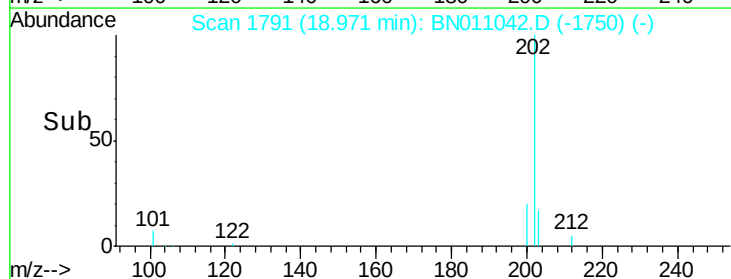
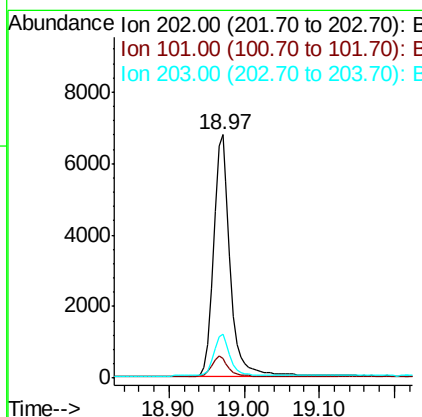
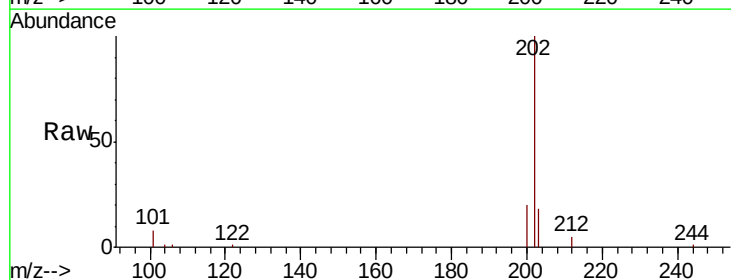
Instrument :
 BNA_N
 ClientSampleId :
 PB129663BS

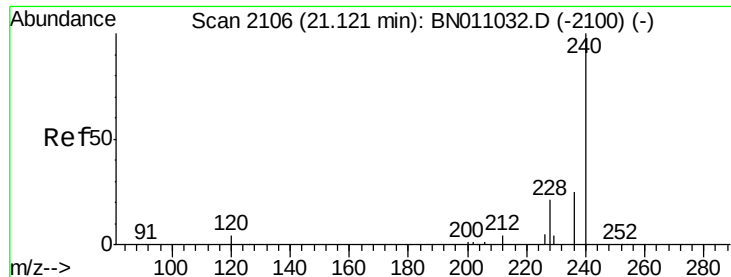
Tot Ion:212 Resp: 8820
 Ion Ratio Lower Upper
 212 100
 106 9.8 7.7 11.5
 104 5.6 4.6 6.8



#28
 Fluoranthene
 Concen: 0.382 ng
 RT: 18.97 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BN011042.D
 Acq: 24 Jun 2020 11:26

Tgt Ion:202 Resp: 10579
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.6 10.0
 203 17.0 13.8 20.6

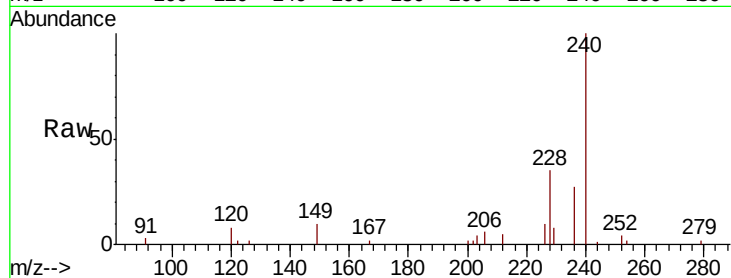




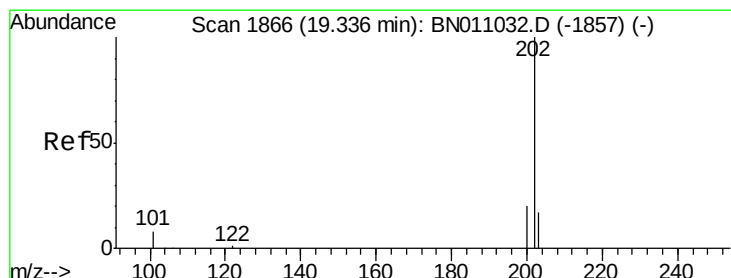
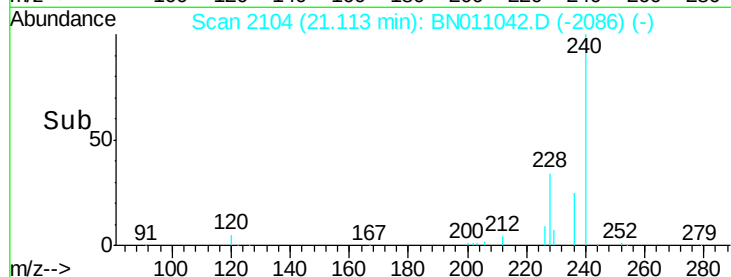
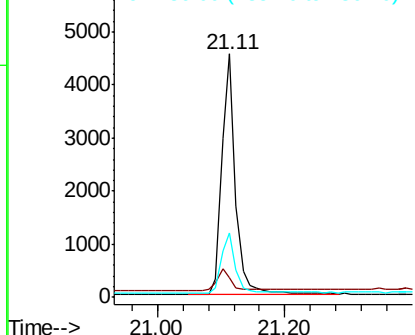
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tot Ion:240 Resp: 6773
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 26.6 21.4 32.2

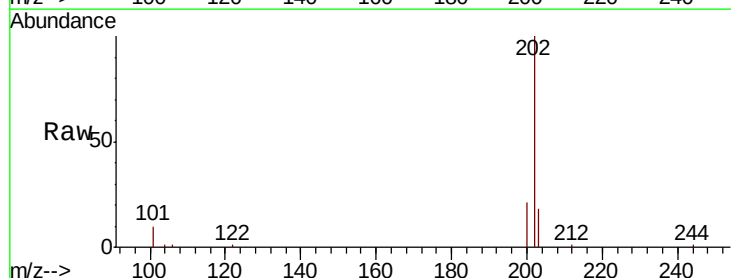


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

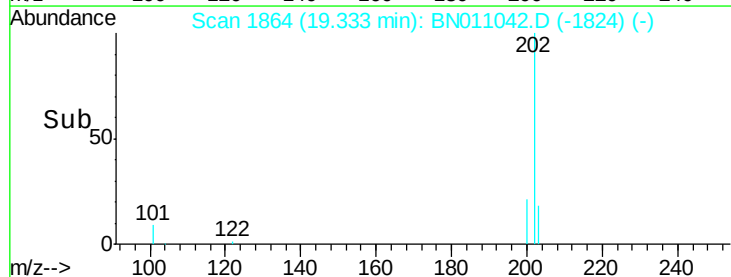
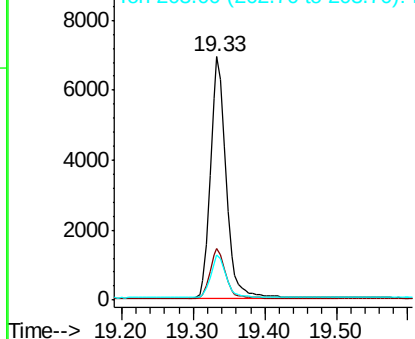


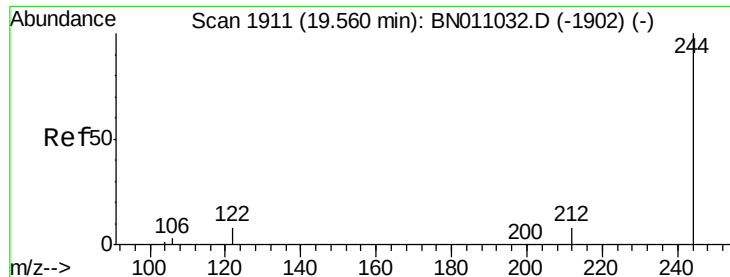
#30
Pyrene
Concen: 0.404 ng
RT: 19.33 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:202 Resp: 10524
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.3 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: 0.408 ng

RT: 19.56 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

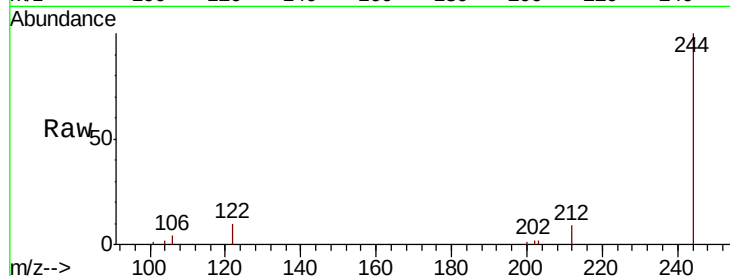
Tot Ion:244 Resp: 7423

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

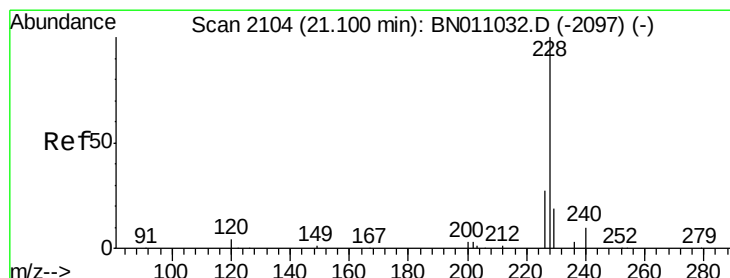
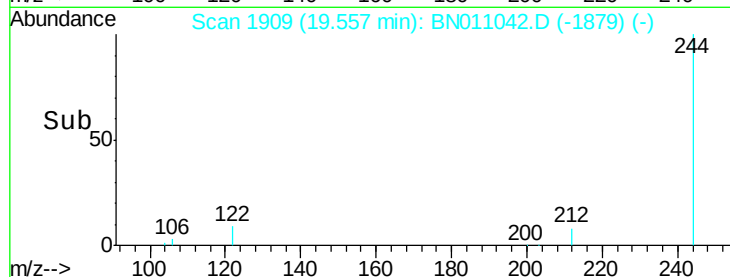
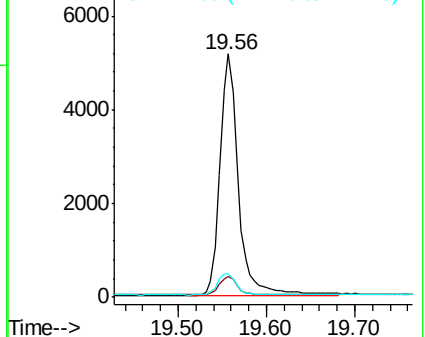
122 9.6 7.4 11.0



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: 0.387 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

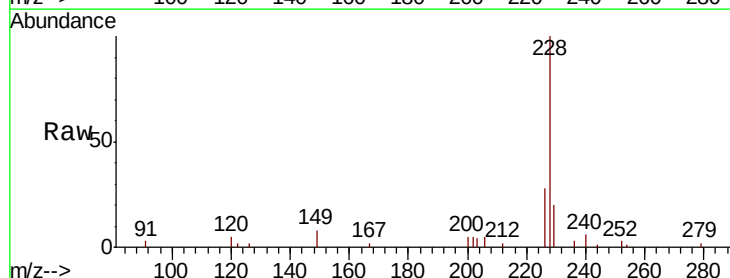
Tgt Ion:228 Resp: 9073

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

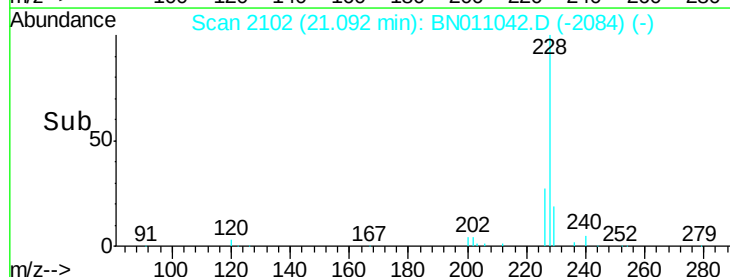
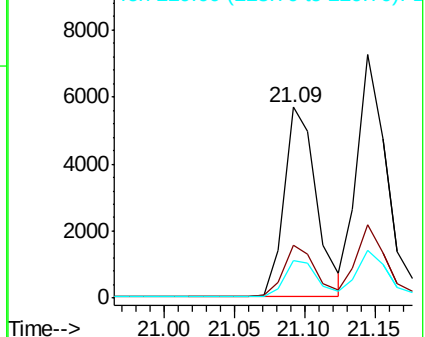
229 19.8 15.9 23.9

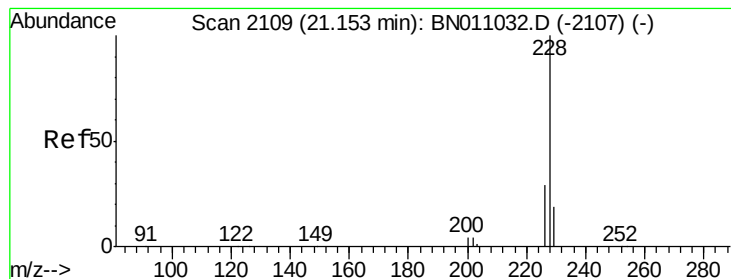


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.413 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

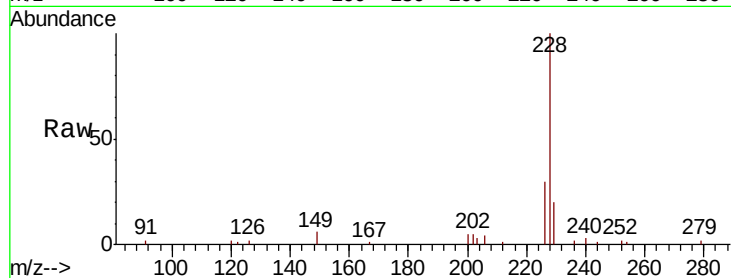
Tot Ion:228 Resp: 10555

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

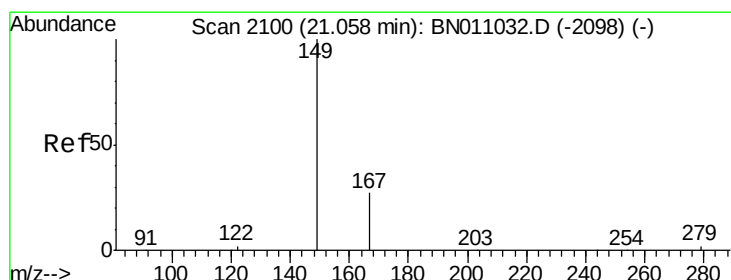
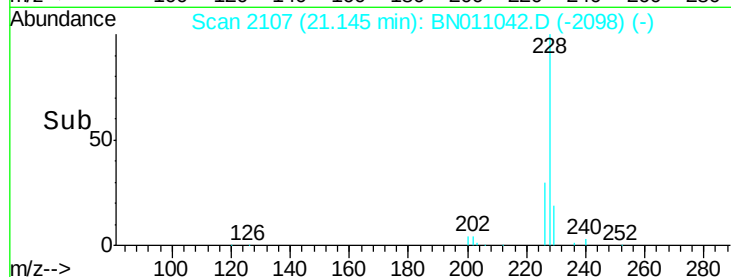
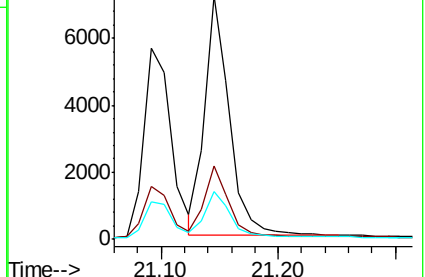
229 19.9 15.8 23.6



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: 0.327 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

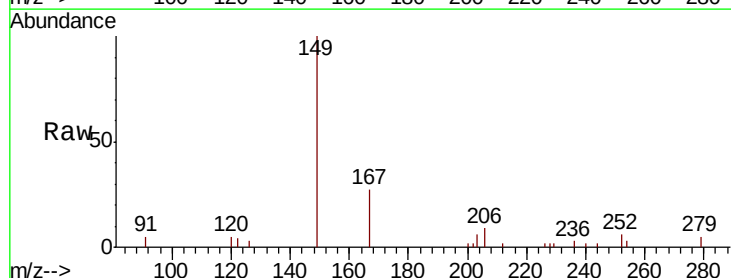
Tgt Ion:149 Resp: 3086

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.2

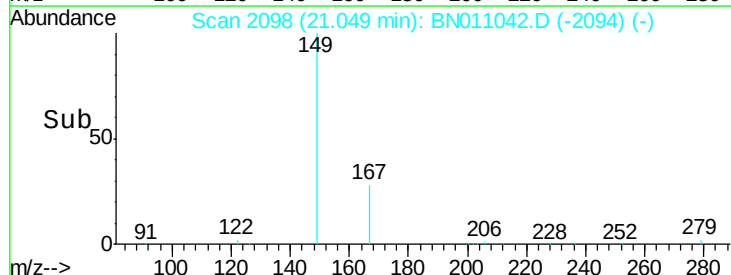
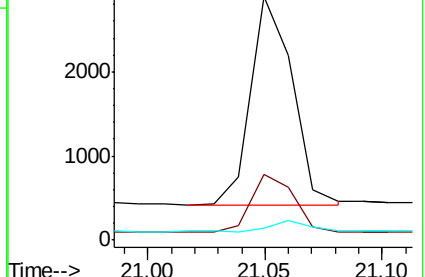
279 4.9 3.9 5.9

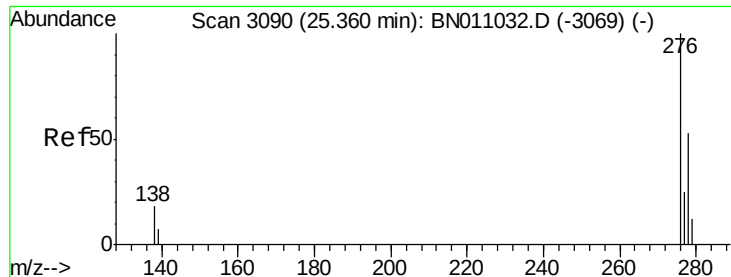


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.413 ng

RT: 25.35 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

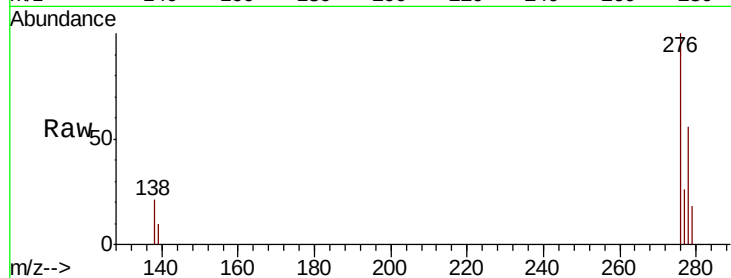
Tot Ion:276 Resp: 11763

Ion Ratio Lower Upper

276 100

138 20.0 16.2 24.2

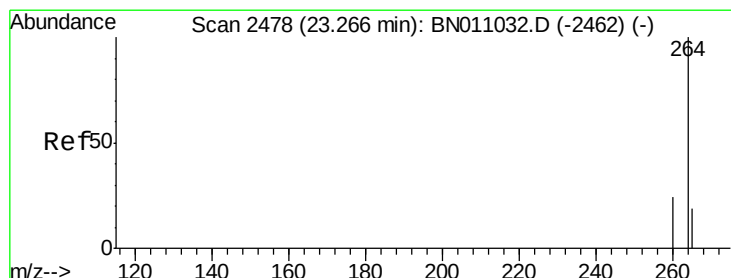
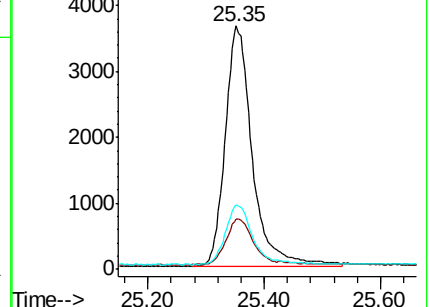
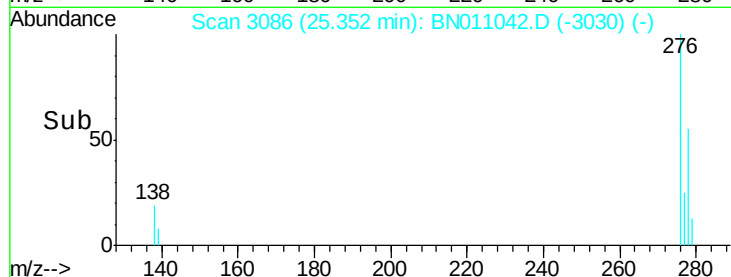
277 24.9 19.9 29.9



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# 2473

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

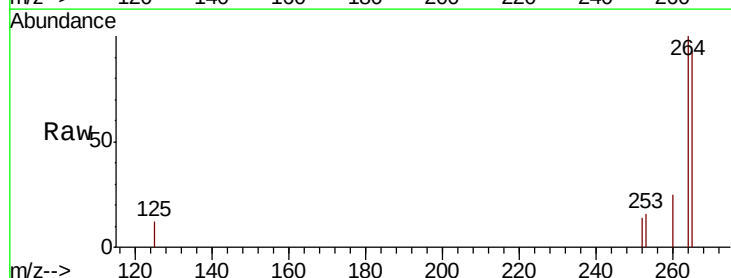
Tgt Ion:264 Resp: 6448

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

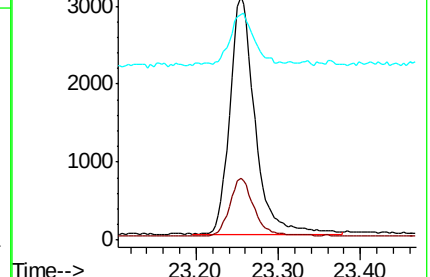
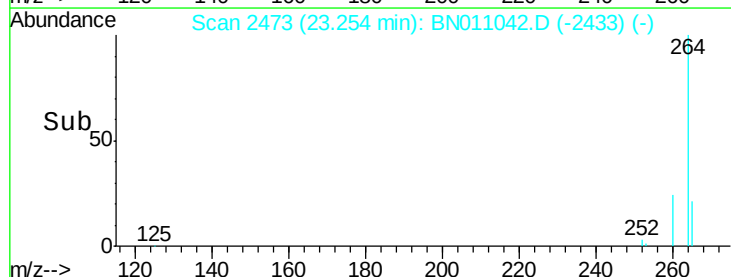
265 92.5 64.9 97.3

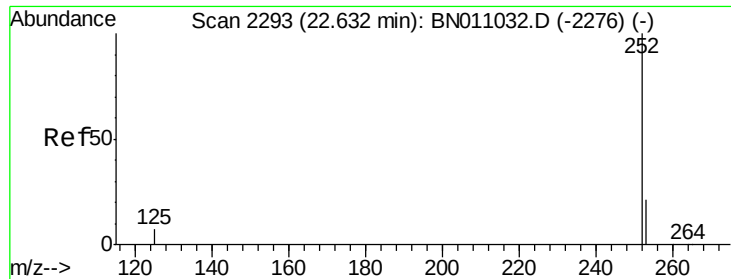


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.405 ng

RT: 22.62 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

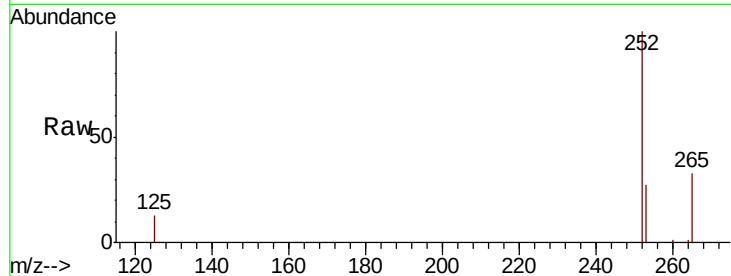
Tot Ion:252 Resp: 10336

Ion Ratio Lower Upper

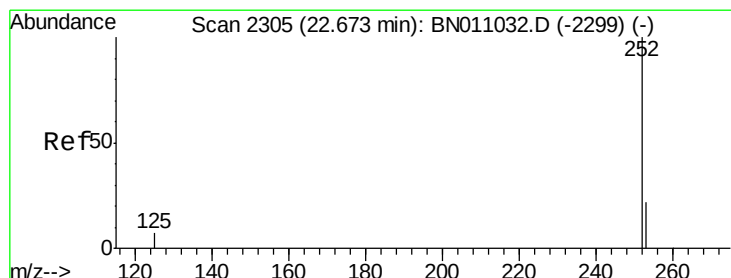
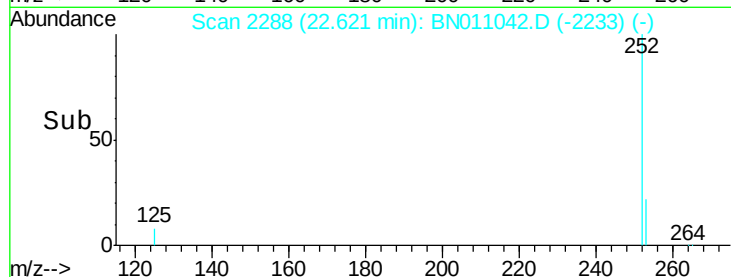
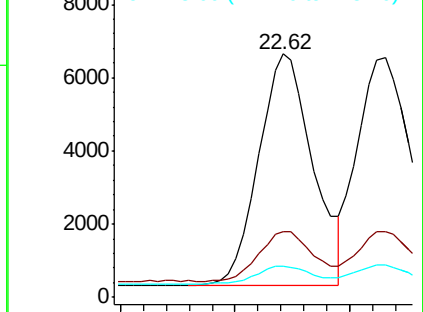
252 100

253 27.2 21.4 32.0

125 12.7 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.404 ng

RT: 22.67 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

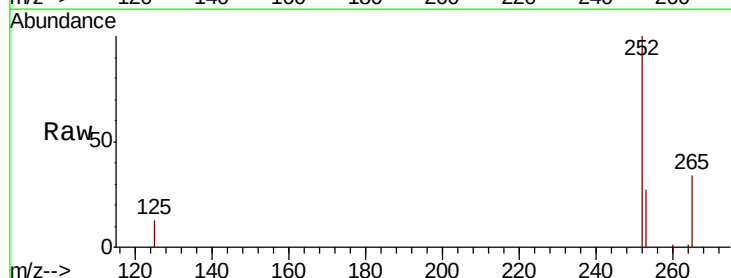
Tgt Ion:252 Resp: 10725

Ion Ratio Lower Upper

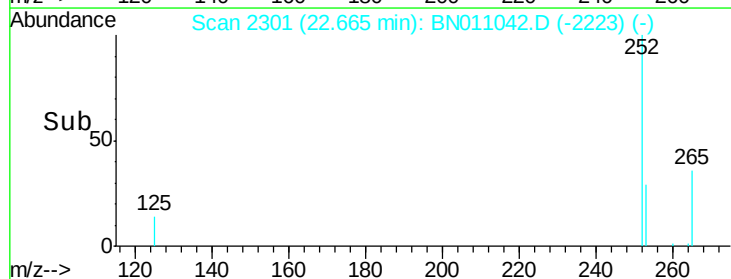
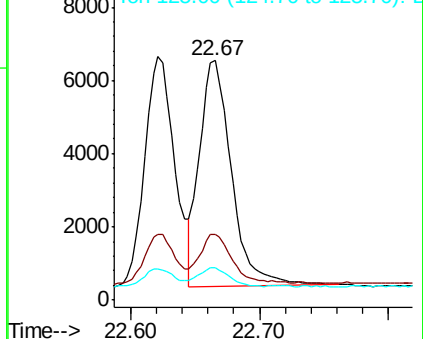
252 100

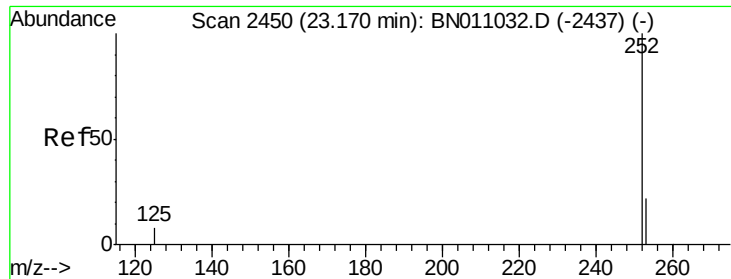
253 27.3 21.8 32.6

125 13.3 9.8 14.6



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





#39

Benzo(a)pyrene

Concen: 0.397 ng

RT: 23.16 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS

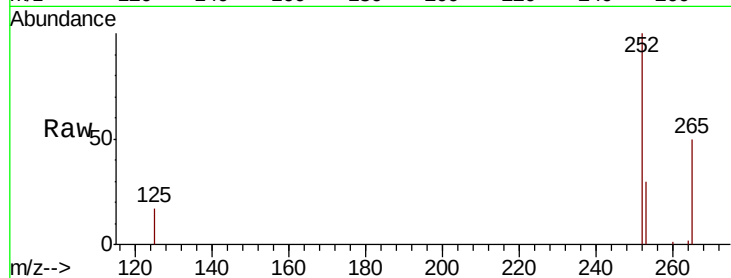
Tot Ion:252 Resp: 8994

Ion Ratio Lower Upper

252 100

253 30.3 23.1 34.7

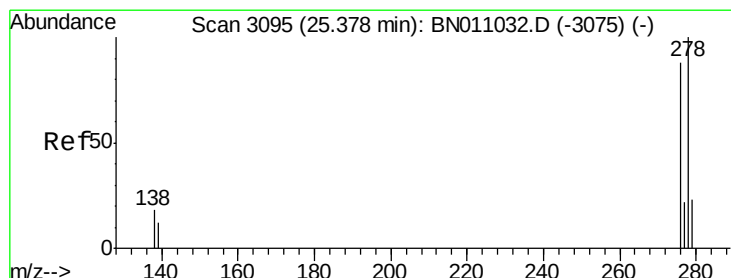
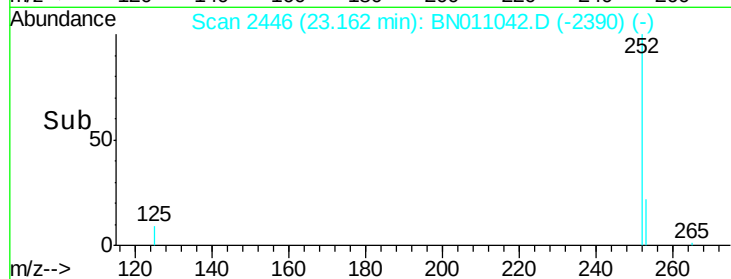
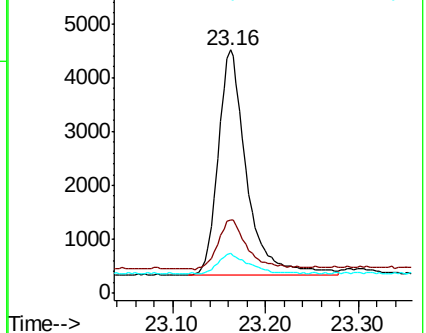
125 16.6 11.2 16.8



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: 0.389 ng

RT: 25.37 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BN011042.D

Acq: 24 Jun 2020 11:26

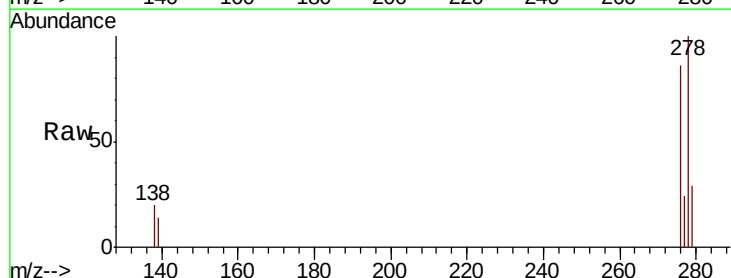
Tgt Ion:278 Resp: 9496

Ion Ratio Lower Upper

278 100

139 14.3 11.2 16.8

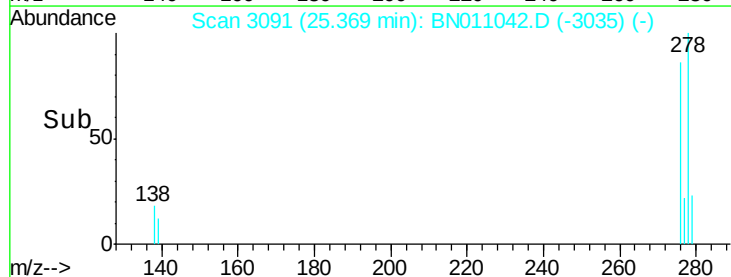
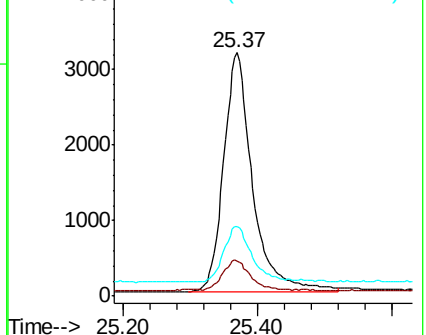
279 28.5 22.6 34.0

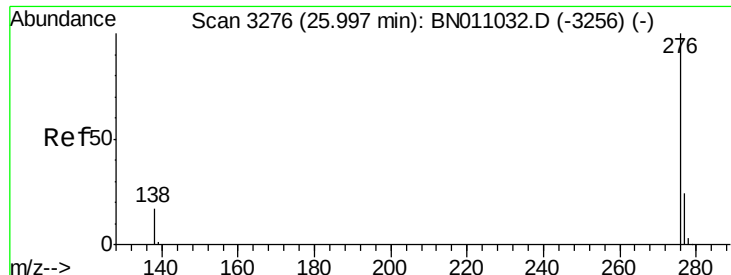


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.402 ng

RT: 25.99 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN011042.D

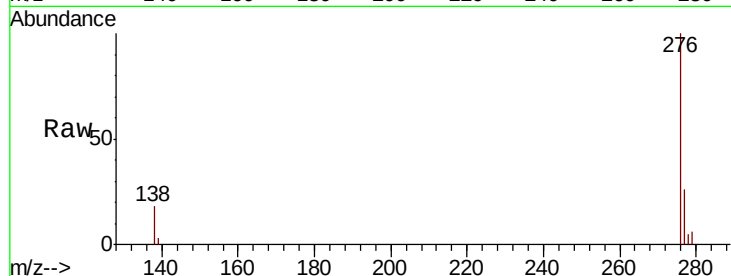
Acq: 24 Jun 2020 11:26

Instrument :

BNA_N

ClientSampleId :

PB129663BS



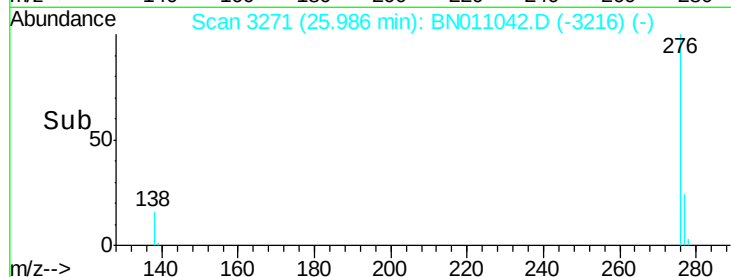
Tot Ion:276 Resp: 10168

Ion Ratio Lower Upper

276 100

277 26.0 20.4 30.6

138 18.0 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

