

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062920\
 Data File : BN011066.D
 Acq On : 29 Jun 2020 10:33
 Operator : CG/JU
 Sample : L3117-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200624RE

Quant Time: Jun 29 11:57:34 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

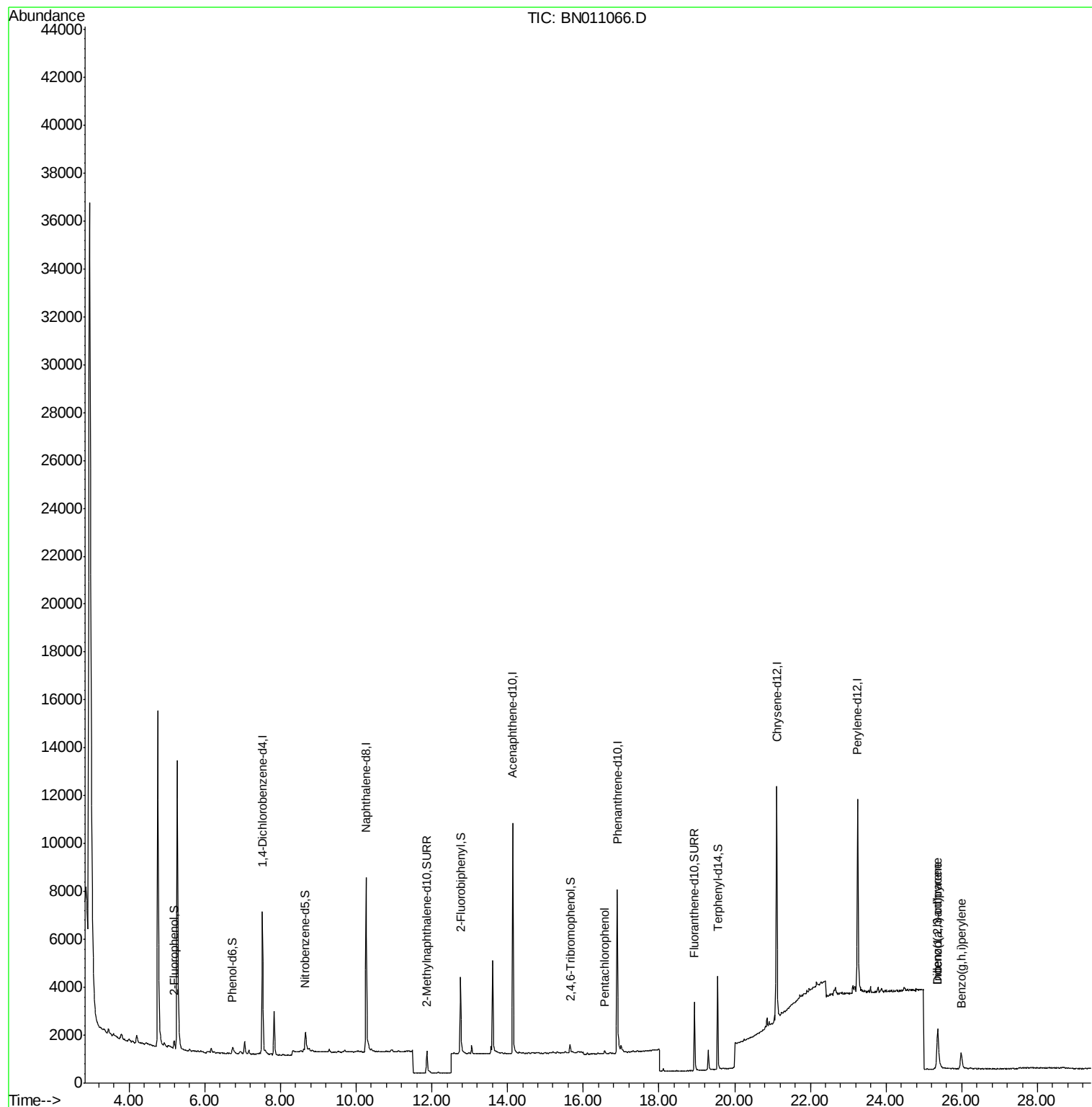
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	3539	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	11738	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	6360	0.40	ng	-0.01
19) Phenanthrene-d10	16.90	188	12343	0.40	ng	0.00
29) Chrysene-d12	21.11	240	11359	0.40	ng	0.00
36) Perylene-d12	23.25	264	11145	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	477	0.05	ng	0.00
5) Phenol-d6	6.74	99	327	0.03	ng	0.00
8) Nitrobenzene-d5	8.66	82	1248	0.12	ng	0.00
11) 2-Methylnaphthalene-d10	11.87	152	1758	0.08	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	369	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	3527	0.12	ng	0.00
27) Fluoranthene-d10	18.94	212	3618	0.09	ng	0.00
31) Terphenyl-d14	19.55	244	4497	0.15	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.57	266	120	0.040	ng	89
35) Indeno(1,2,3-cd)pyrene	25.35	276	2234	0.047	ng	99
40) Dibenzo(a,h)anthracene	25.37	278	2164	0.051	ng	# 61
41) Benzo(g,h,i)perylene	25.98	276	1579	0.036	ng	# 74

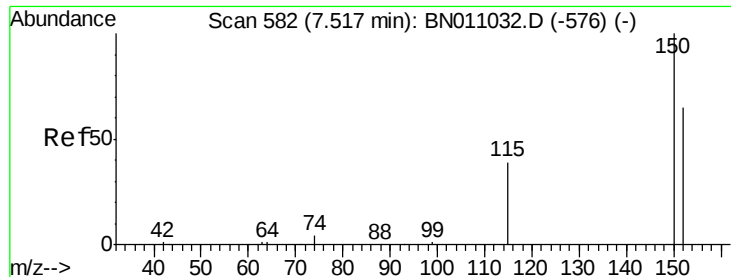
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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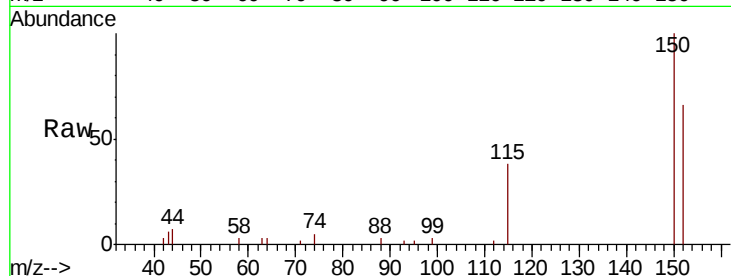


#1

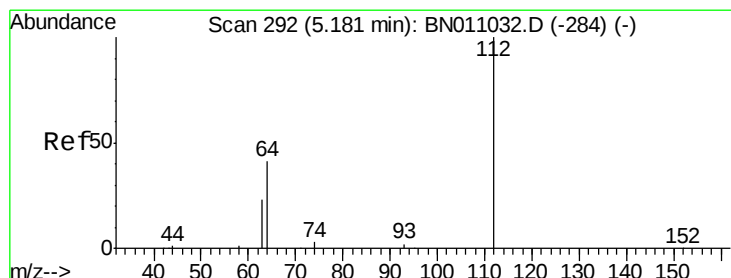
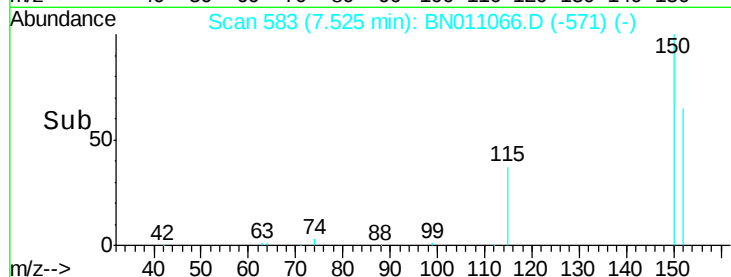
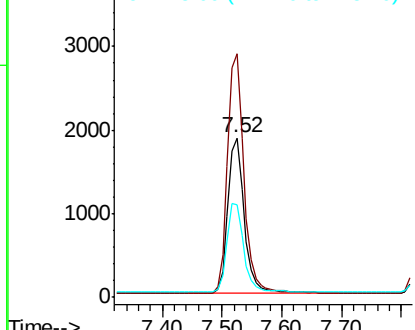
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011066.D
Acq: 29 Jun 2020 10:33

Instrument :
BNA_N
ClientSampleId :
KY038PS037-200624RE

Tot Ion:152 Resp: 3539
Ion Ratio Lower Upper
152 100
150 152.6 121.8 182.8
115 58.2 50.2 75.2



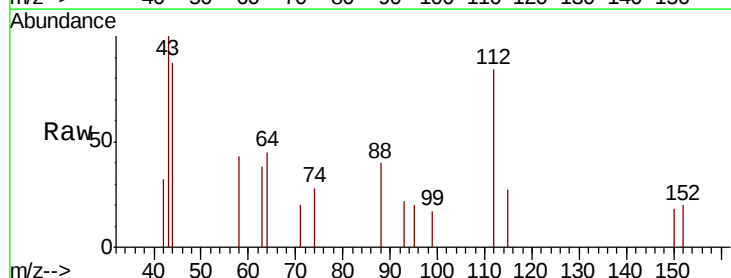
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



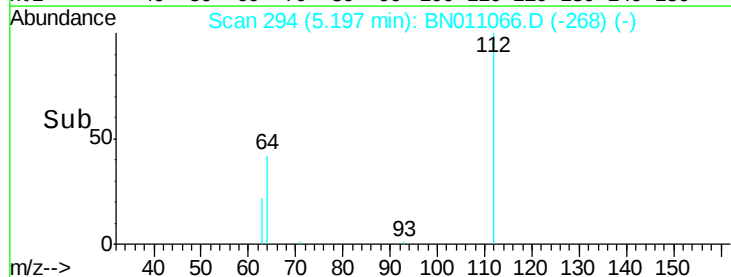
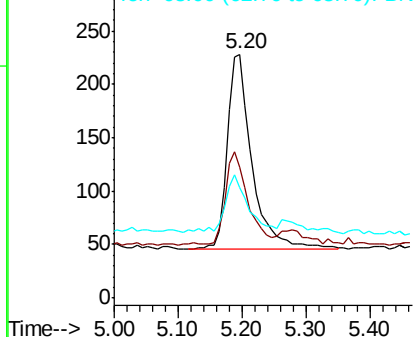
#4

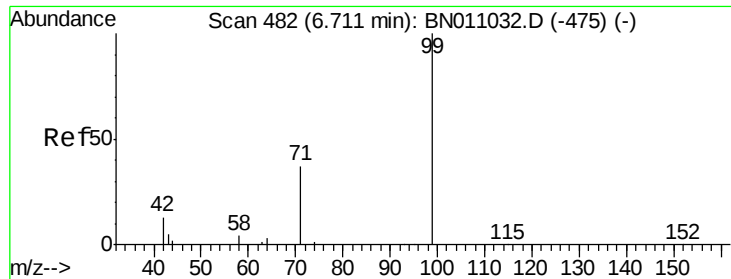
2-Fluorophenol
Concen: 0.048 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.01 min
Lab File: BN011066.D
Acq: 29 Jun 2020 10:33

Tgt Ion:112 Resp: 477
Ion Ratio Lower Upper
112 100
64 43.6 37.3 55.9
63 28.5 20.4 30.6



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





#5

Phenol-d6

Concen: 0.028 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

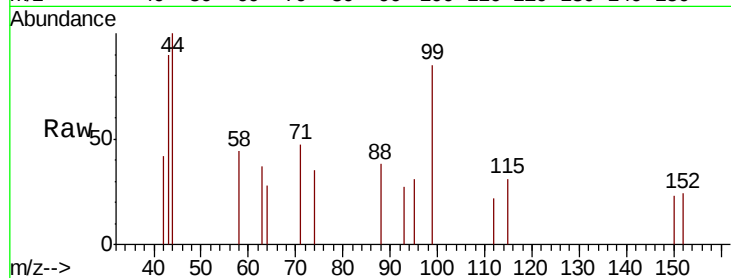
Tot Ion: 99 Resp: 327

Ion Ratio Lower Upper

99 100

42 16.2 10.6 16.0#

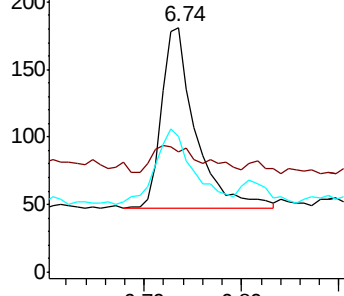
71 47.1 28.7 43.1#



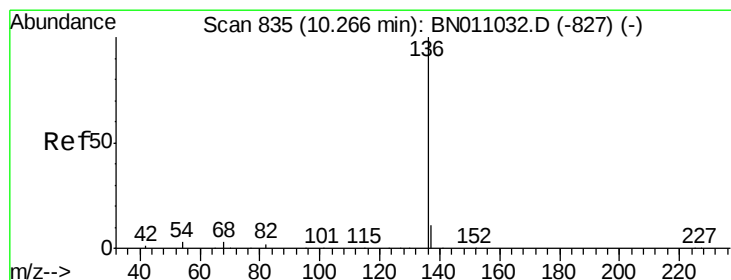
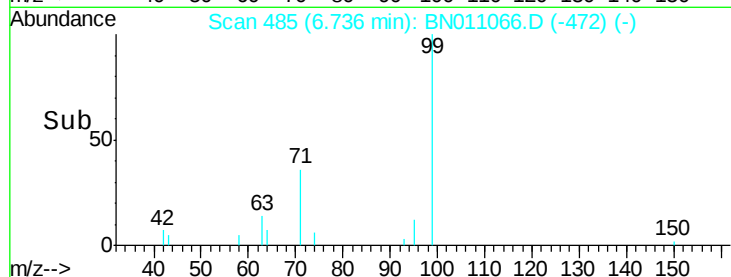
Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

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

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



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

Tgt Ion: 136 Resp: 11738

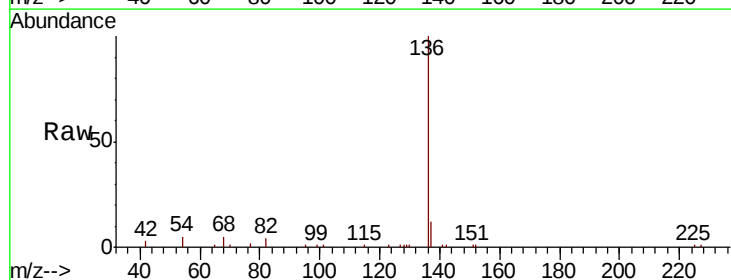
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 4.8 3.0 4.4#

68 5.1 3.4 5.2

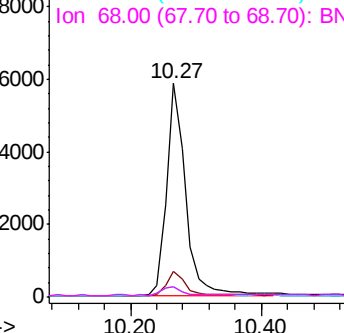


Abundance Ion 136.00 (135.70 to 136.70): BN011032.D (-827) (-)

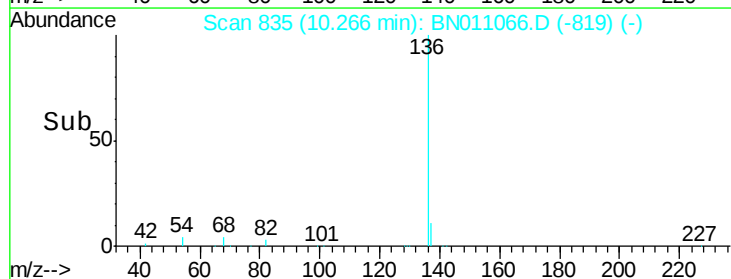
Ion 137.00 (136.70 to 137.70): BN011032.D (-827) (-)

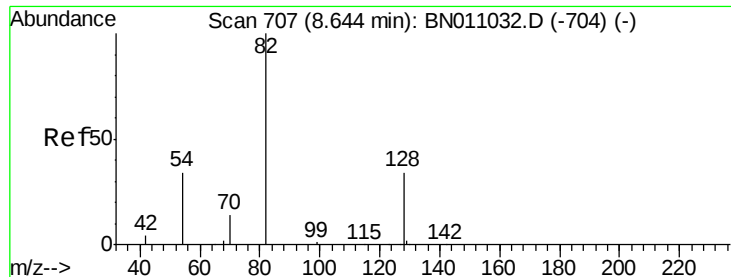
Ion 54.00 (53.70 to 54.70): BN011032.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011032.D (-827) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.117 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

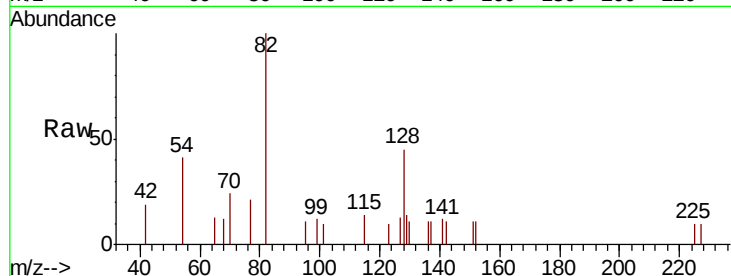
Tot Ion: 82 Resp: 1248

Ion Ratio Lower Upper

82 100

128 44.7 29.4 44.2#

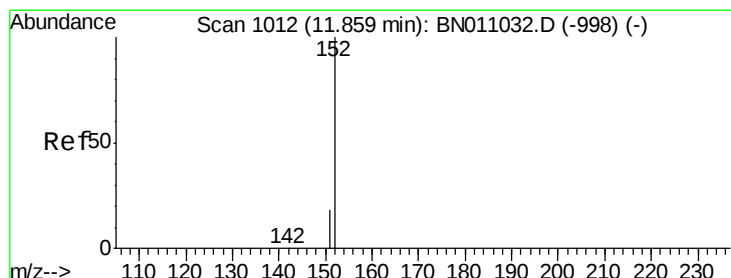
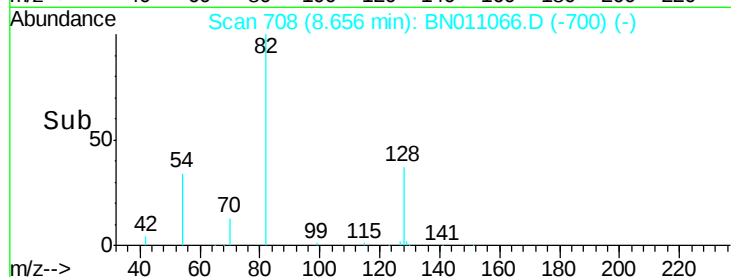
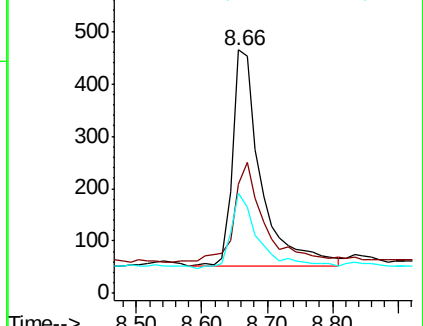
54 41.1 28.8 43.2



Abundance Ion 82.00 (81.70 to 82.70): BN011066.D (-700) (-)

Ion 128.00 (127.70 to 128.70): BN011066.D (-700) (-)

Ion 54.00 (53.70 to 54.70): BN011066.D (-700) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.085 ng

RT: 11.87 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BN011066.D

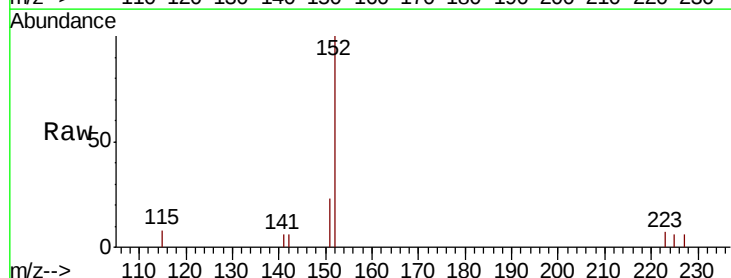
Acq: 29 Jun 2020 10:33

Tgt Ion: 152 Resp: 1758

Ion Ratio Lower Upper

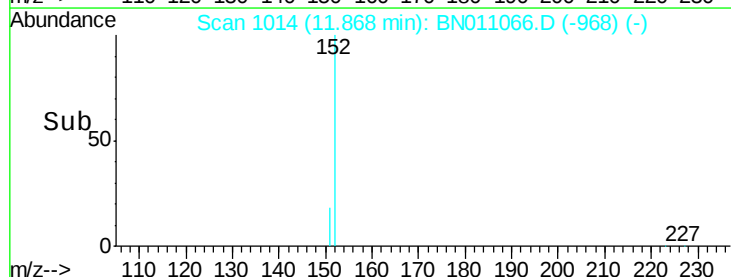
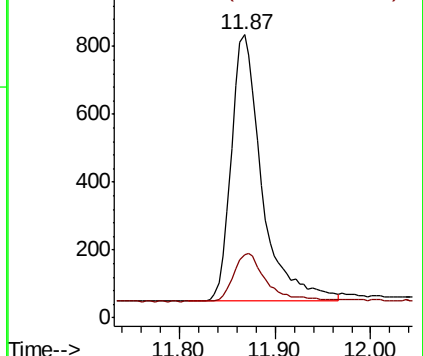
152 100

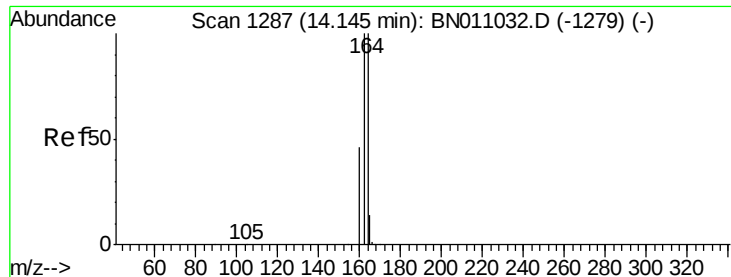
151 19.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BN011066.D (-968) (-)

Ion 151.00 (150.70 to 151.70): BN011066.D (-968) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

Instrument :

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KY038PS037-200624RE

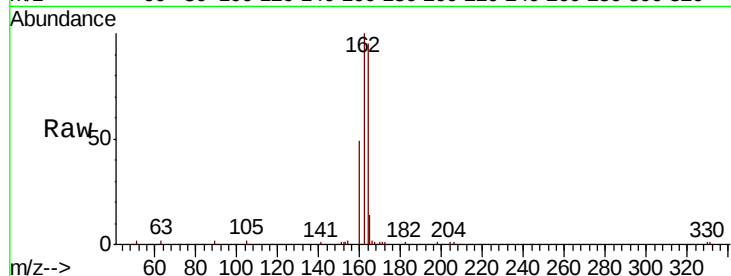
Tot Ion:164 Resp: 6360

Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.4

160 50.9 37.7 56.5



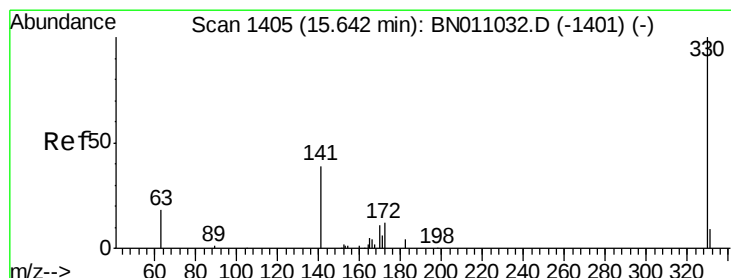
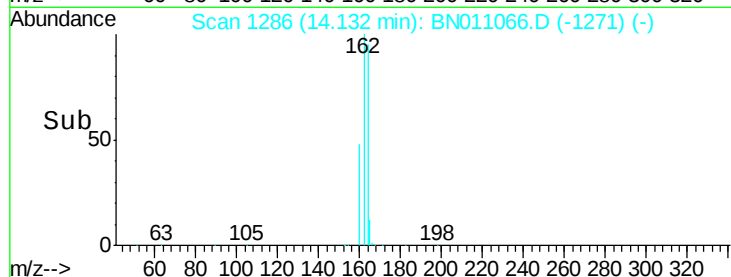
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.13

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.132 ng

RT: 15.65 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

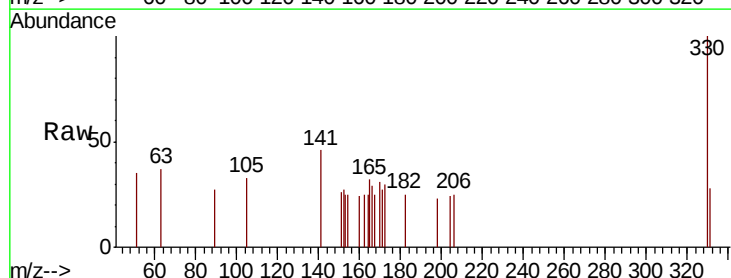
Tgt Ion:330 Resp: 369

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 43.1 34.5 51.7



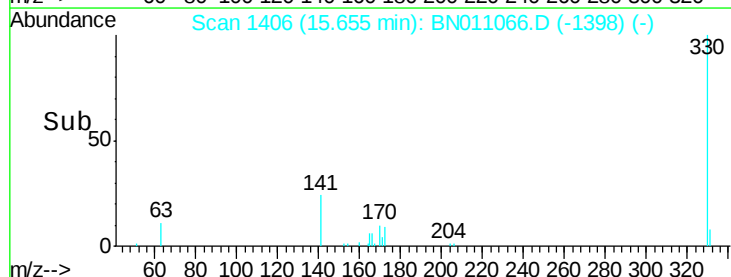
Abundance Ion 330.00 (329.70 to 330.70): E

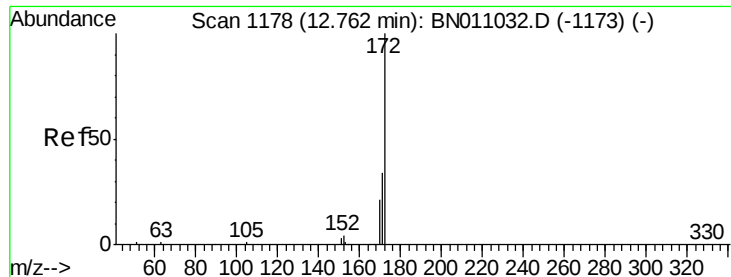
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.65

Time-->

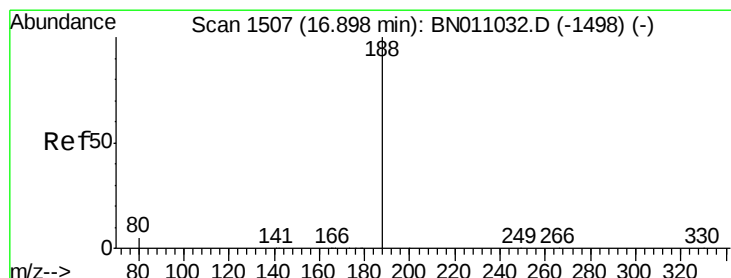
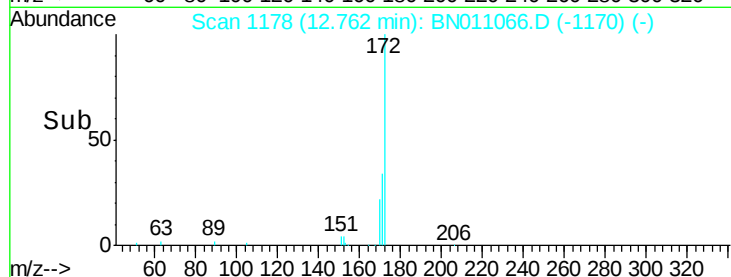
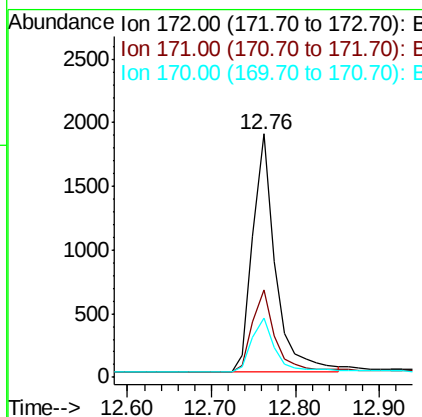
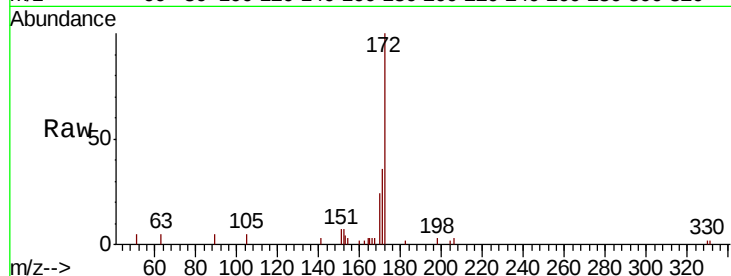




#15
2-Fluorobiphenyl
Concen: 0.119 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011066.D
Acq: 29 Jun 2020 10:33

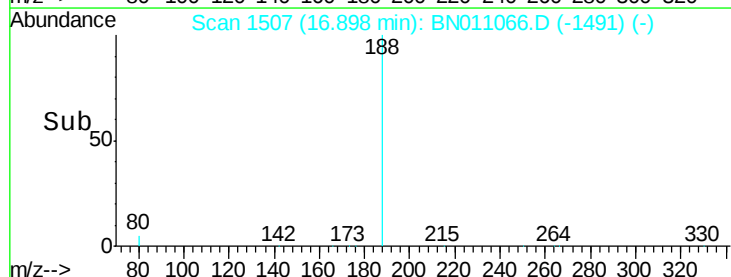
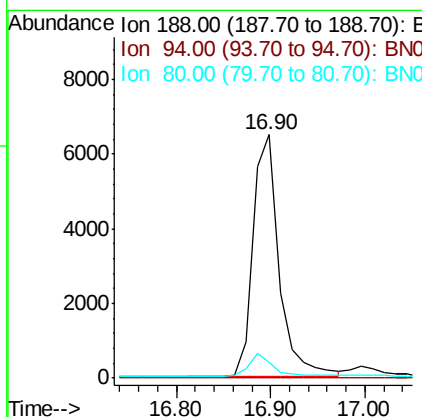
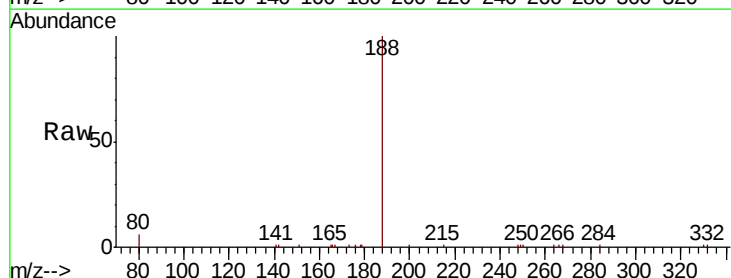
Instrument :
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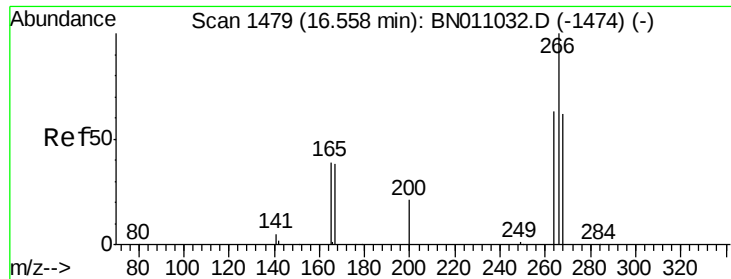
Tot Ion:172 Resp: 3527
Ion Ratio Lower Upper
172 100
171 35.7 27.4 41.2
170 24.2 17.5 26.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011066.D
Acq: 29 Jun 2020 10:33

Tgt Ion:188 Resp: 12343
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.2 4.6 7.0

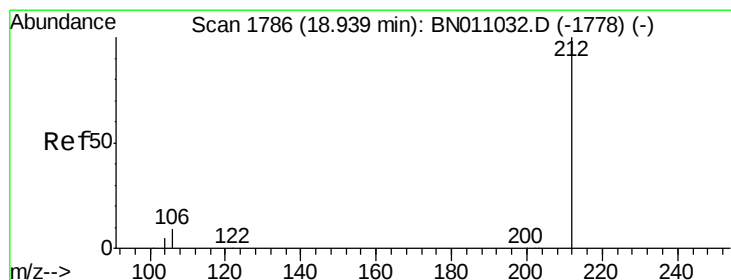
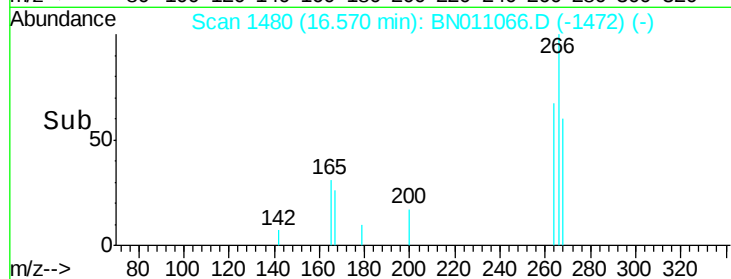
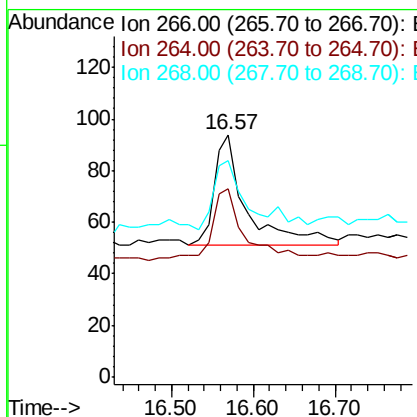
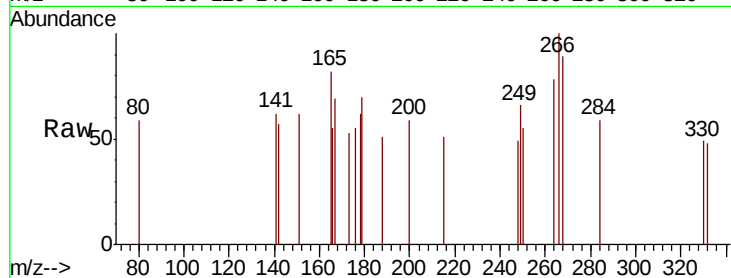




#24
 Pentachlorophenol
 Concen: 0.040 ng
 RT: 16.57 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BN011066.D
 Acq: 29 Jun 2020 10:33

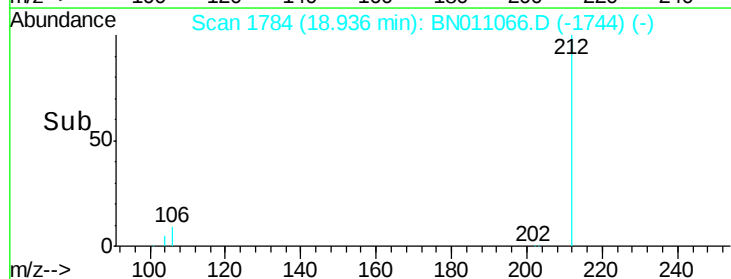
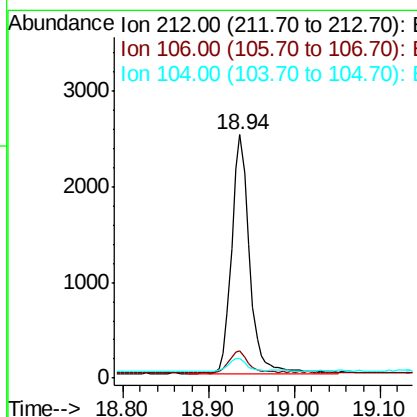
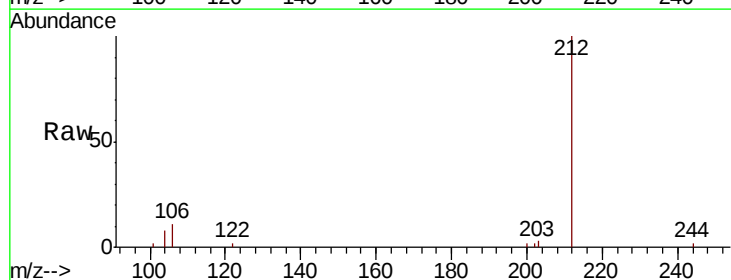
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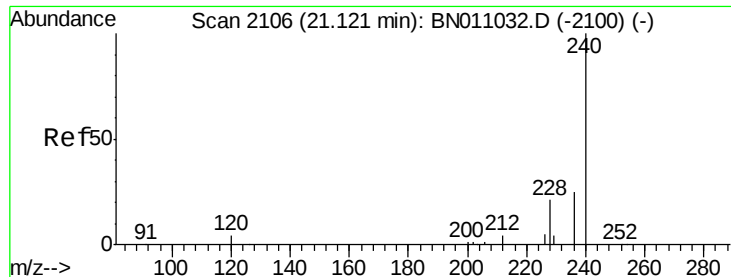
Tot Ion:266 Resp: 120
 Ion Ratio Lower Upper
 266 100
 264 58.3 51.4 77.0
 268 56.7 54.9 82.3



#27
 Fluoranthene-d10
 Concen: 0.093 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011066.D
 Acq: 29 Jun 2020 10:33

Tgt Ion:212 Resp: 3618
 Ion Ratio Lower Upper
 212 100
 106 9.3 7.7 11.5
 104 5.7 4.6 6.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

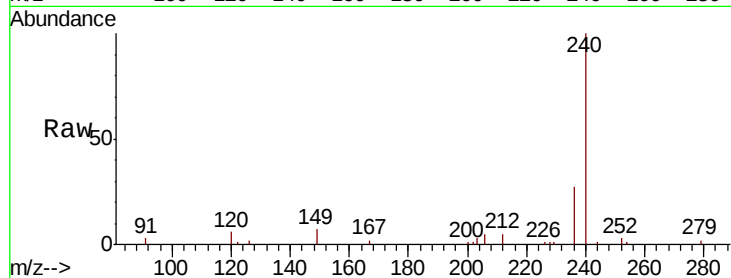
Tot Ion:240 Resp: 11359

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

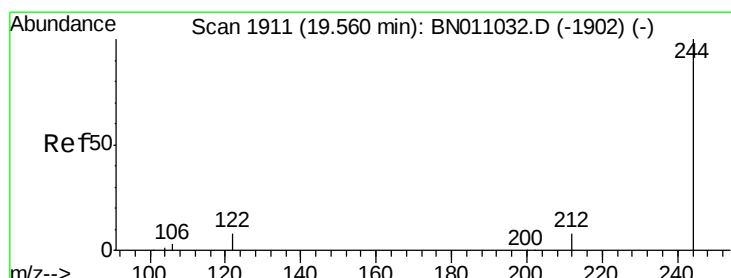
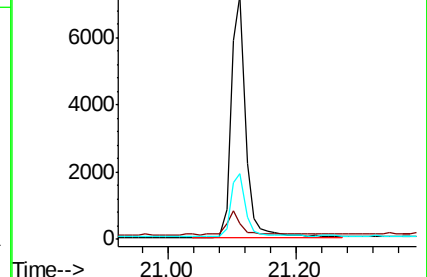
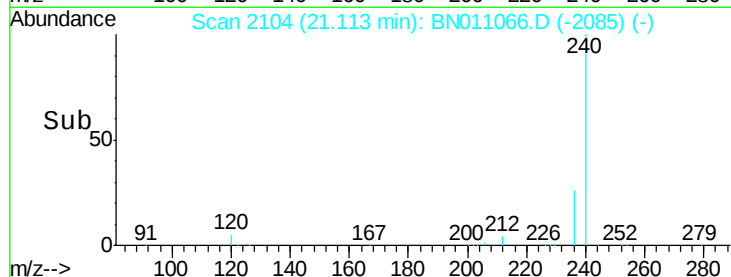
236 26.8 21.4 32.2



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



#31

Terphenyl-d14

Concen: 0.147 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

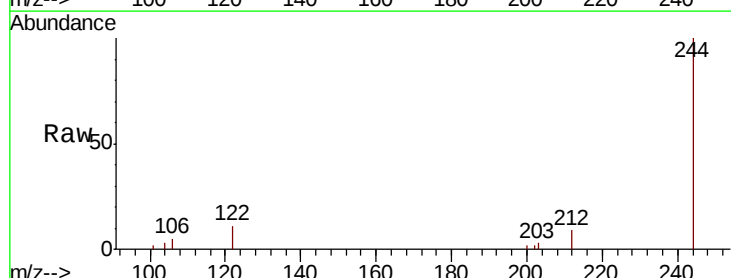
Tgt Ion:244 Resp: 4497

Ion Ratio Lower Upper

244 100

212 9.5 6.9 10.3

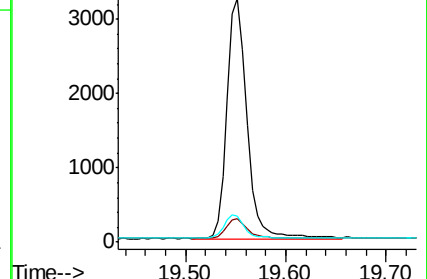
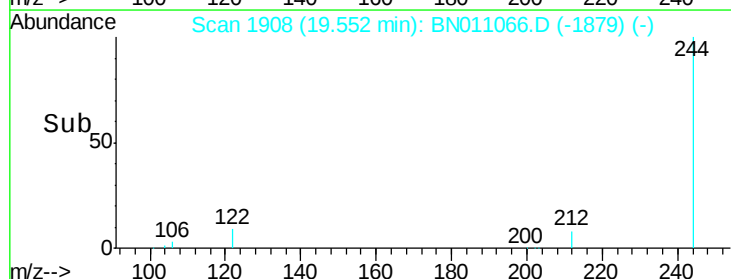
122 10.7 7.4 11.0

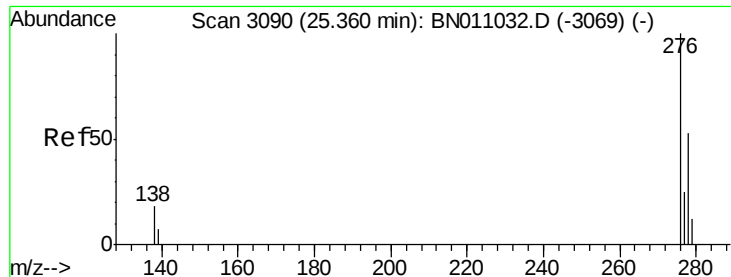


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

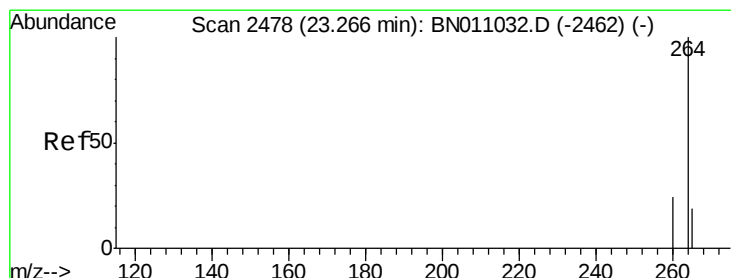
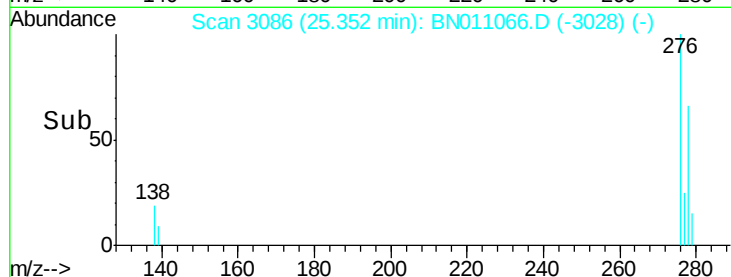
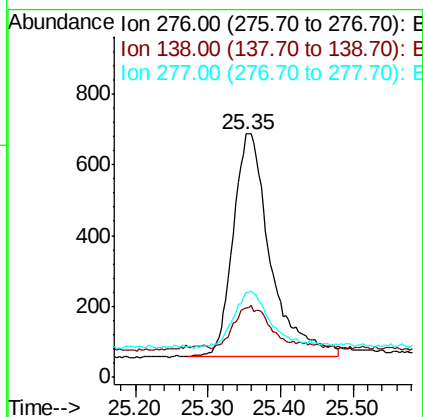
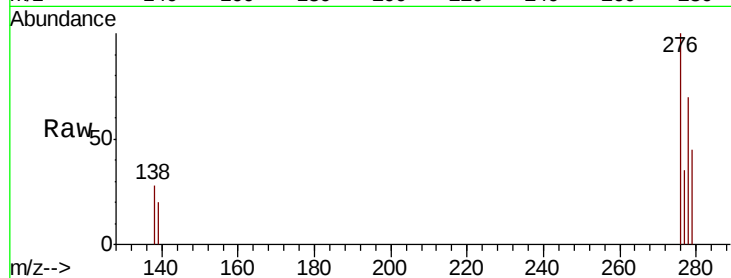




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng
RT: 25.35 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BN011066.D
Acq: 29 Jun 2020 10:33

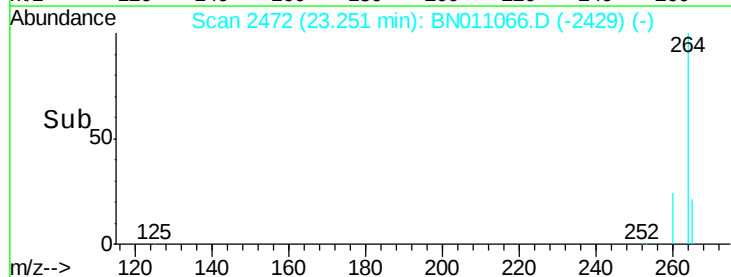
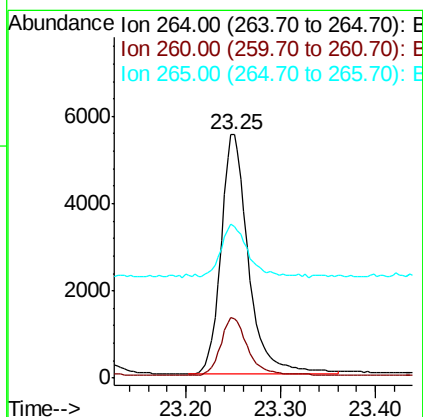
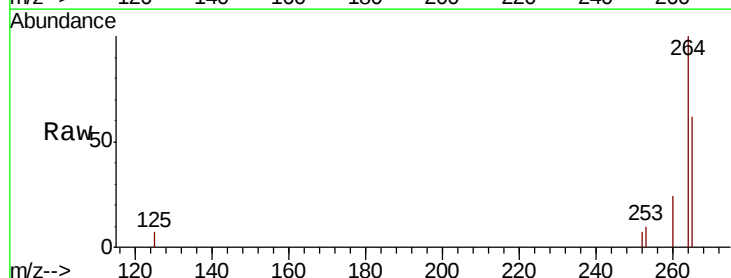
Instrument :
BNA_N
ClientSampleId :
KY038PS037-200624RE

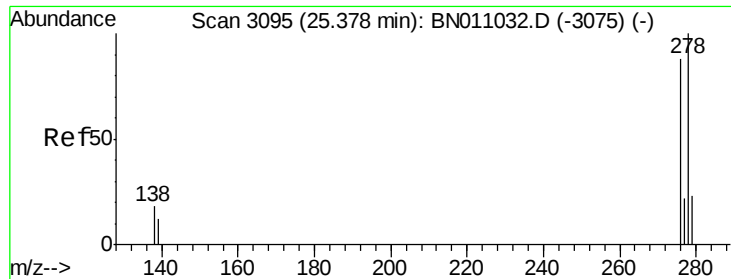
Tot Ion:276 Resp: 2234
Ion Ratio Lower Upper
276 100
138 20.2 16.2 24.2
277 26.2 19.9 29.9



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BN011066.D
Acq: 29 Jun 2020 10:33

Tgt Ion:264 Resp: 11145
Ion Ratio Lower Upper
264 100
260 24.3 20.0 30.0
265 62.5 64.9 97.3#





#40

Dibenzo(a,h)anthracene

Concen: 0.051 ng

RT: 25.37 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

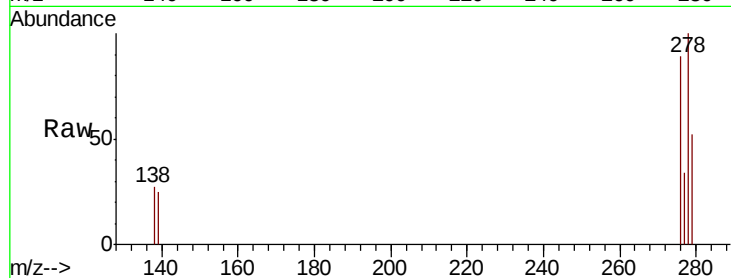
Tot Ion:278 Resp: 2164

Ion Ratio Lower Upper

278 100

139 24.8 11.2 16.8#

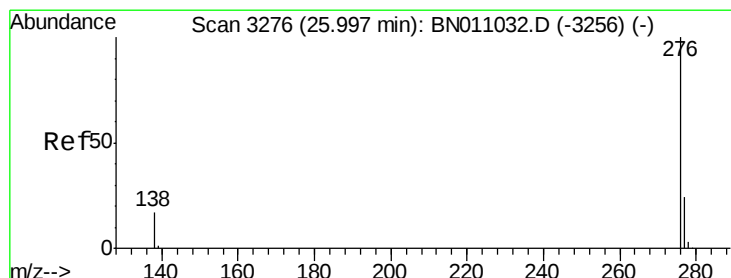
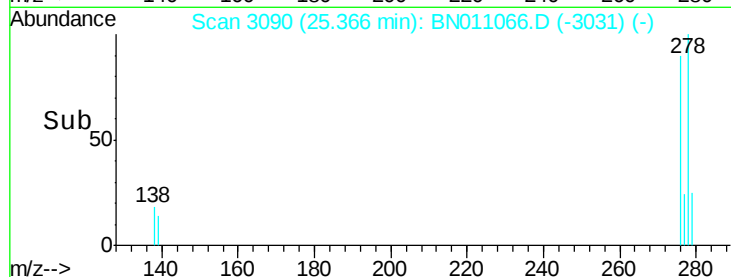
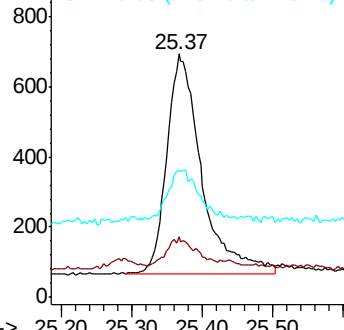
279 52.3 22.6 34.0#



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(g,h,i)perylene

Concen: 0.036 ng

RT: 25.98 min Scan# 3270

Delta R.T. -0.00 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

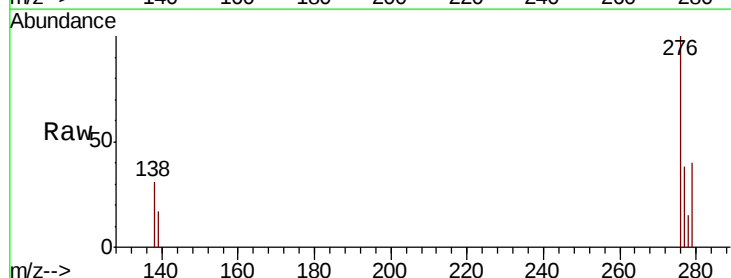
Tgt Ion:276 Resp: 1579

Ion Ratio Lower Upper

276 100

277 38.4 20.4 30.6#

138 31.2 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

