

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 11:30:00 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

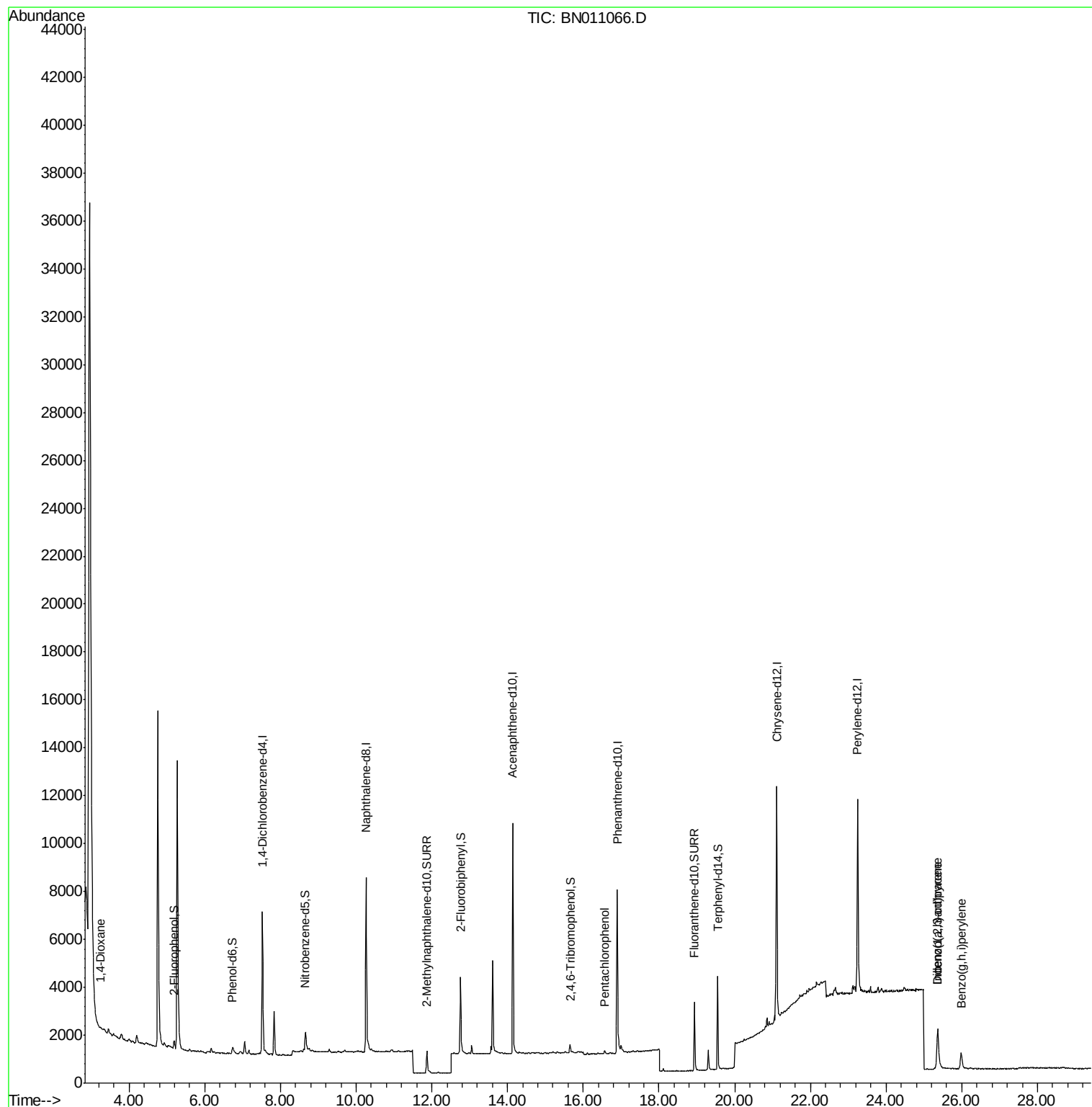
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	3539	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	11738	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	6360	0.40	ng	-0.01
19) Phenanthrene-d10	16.90	188	12343	0.40	ng	0.00
29) Chrysene-d12	21.11	240	11359	0.40	ng	0.00
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						
2) 1,4-Dioxane	3.25	88	136	0.029	ng	Qvalue # 72
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

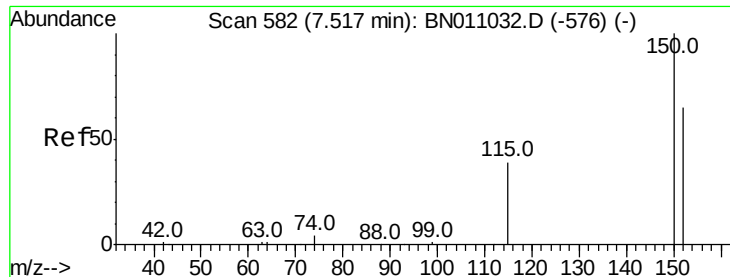
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 11:59:47 2020
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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

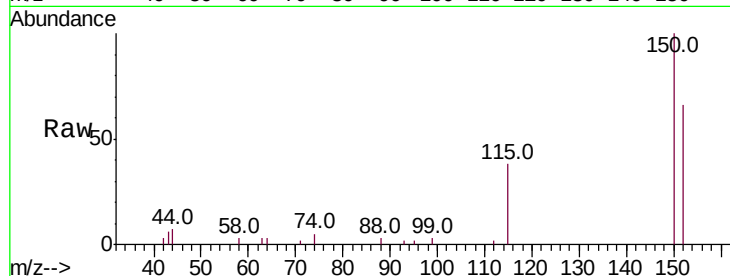
Tot Ion:152 Resp: 3539

Ion Ratio Lower Upper

152 100

150 152.6 121.8 182.8

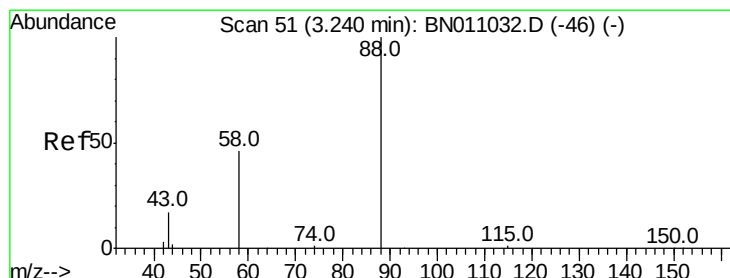
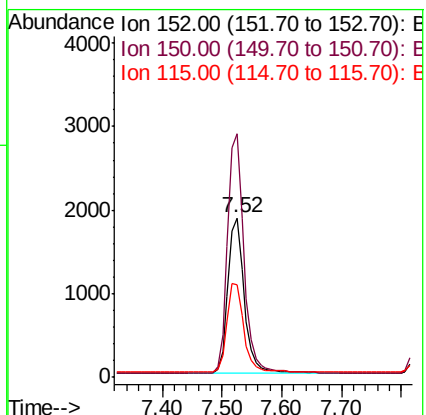
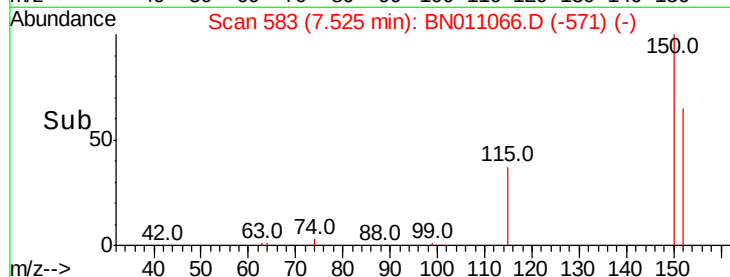
115 58.2 50.2 75.2



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



#2

1,4-Dioxane

Concen: 0.029 ng

RT: 3.25 min Scan# 52

Delta R.T. 0.01 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

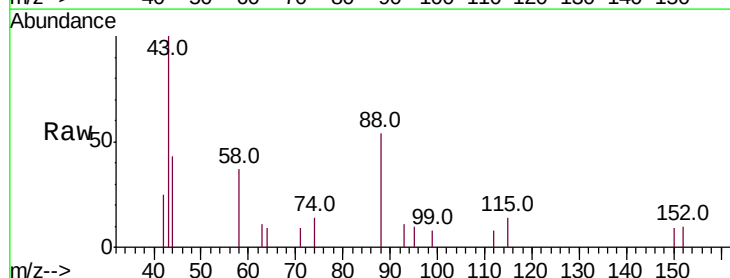
Tgt Ion: 88 Resp: 136

Ion Ratio Lower Upper

88 100

58 64.0 38.4 57.6#

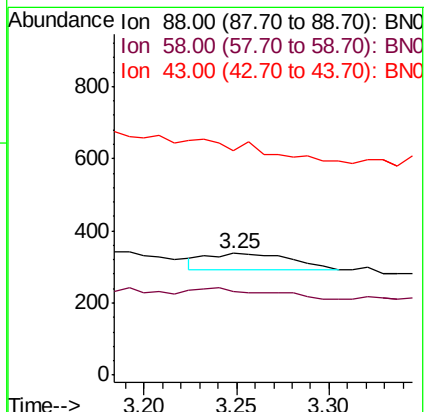
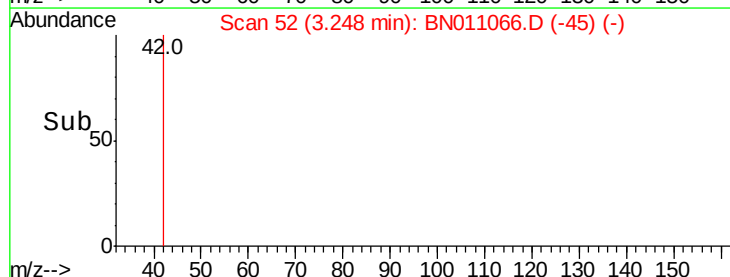
43 0.0 14.2 21.4#

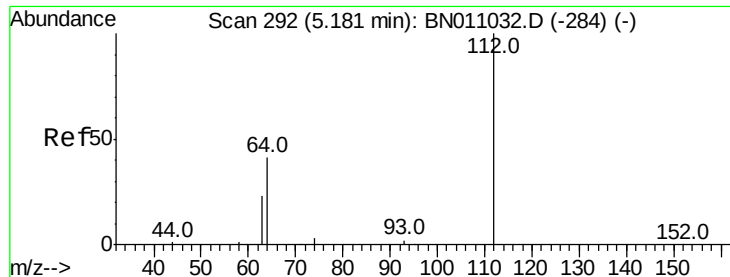


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#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

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

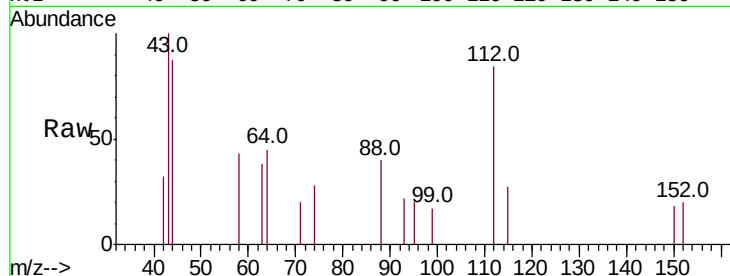
Tot Ion:112 Resp: 477

Ion Ratio Lower Upper

112 100

64 43.6 37.3 55.9

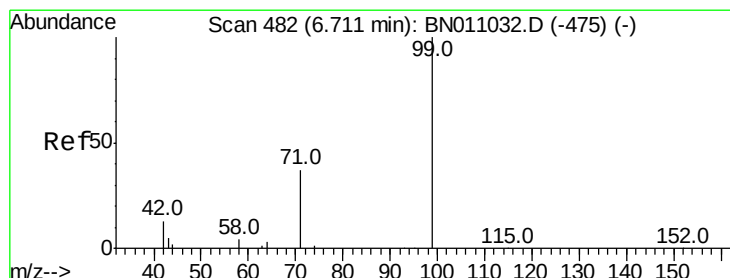
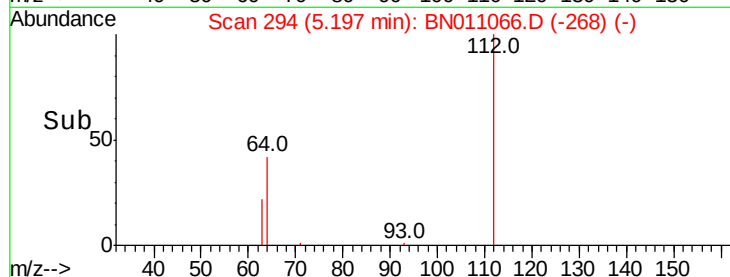
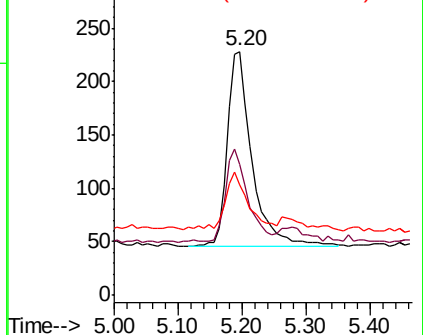
63 28.5 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#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

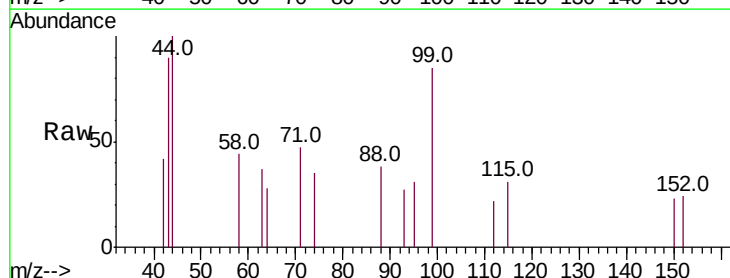
Tgt Ion: 99 Resp: 327

Ion Ratio Lower Upper

99 100

42 16.2 10.6 16.0#

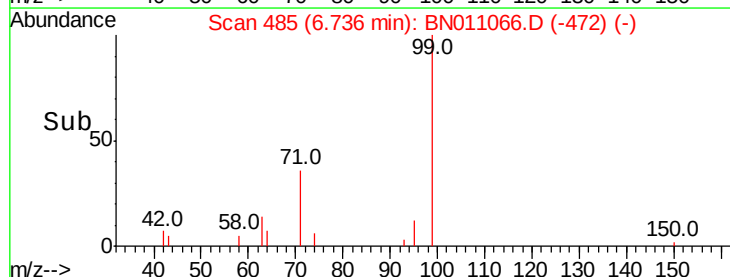
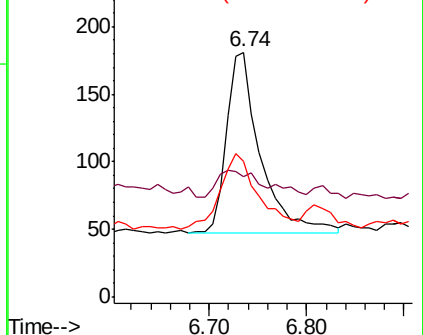
71 47.1 28.7 43.1#

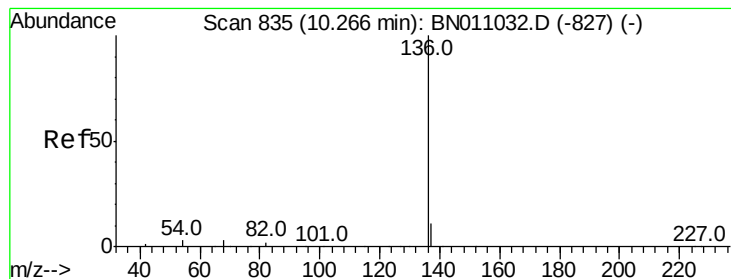


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#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

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

Tot Ion:136 Resp: 11738

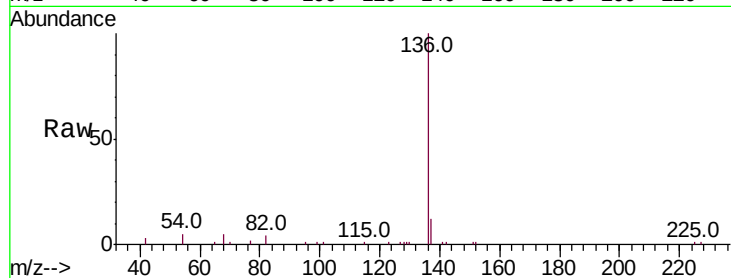
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 4.8 3.0 4.4#

68 5.1 3.4 5.2

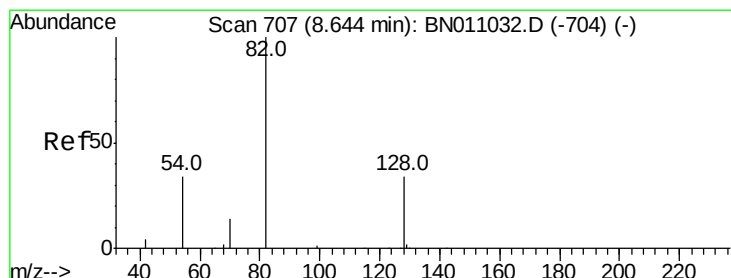
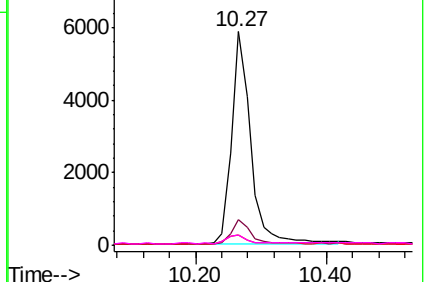
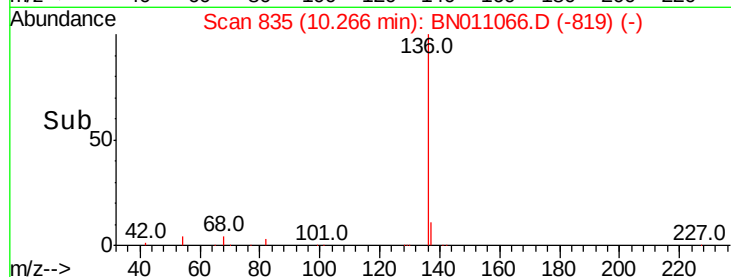


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.117 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011066.D

Acq: 29 Jun 2020 10:33

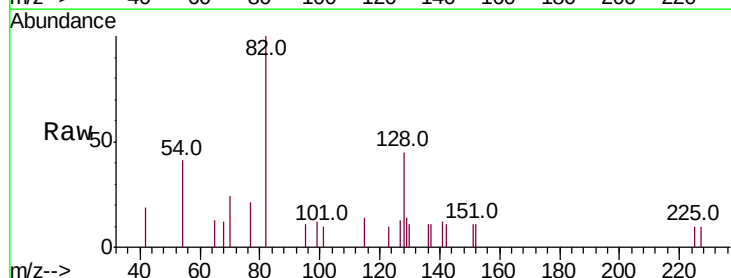
Tgt Ion: 82 Resp: 1248

Ion Ratio Lower Upper

82 100

128 44.7 29.4 44.2#

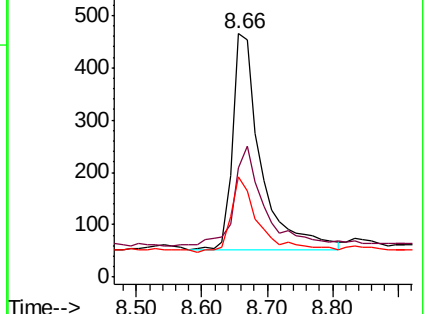
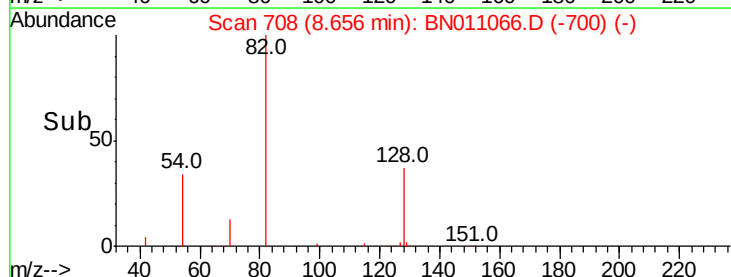
54 41.1 28.8 43.2

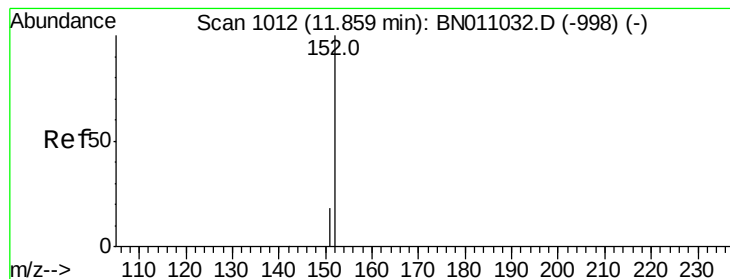


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

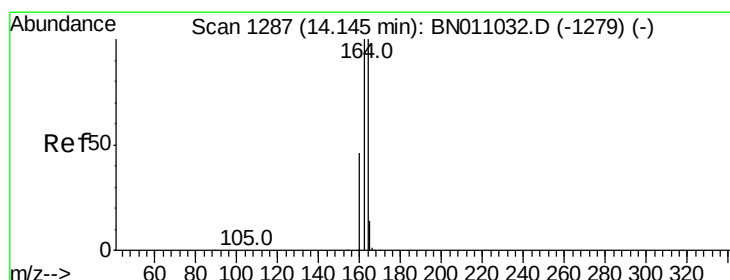
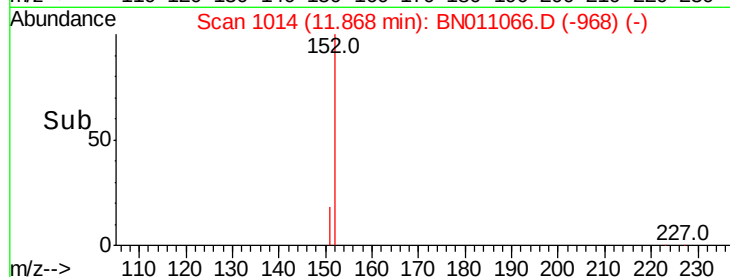
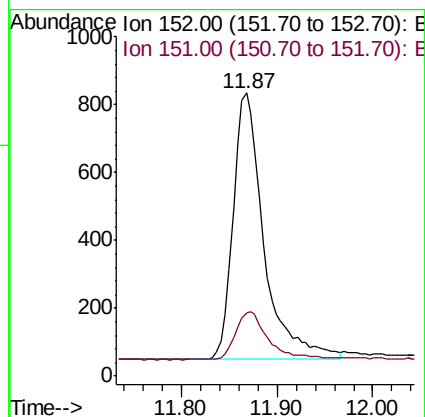
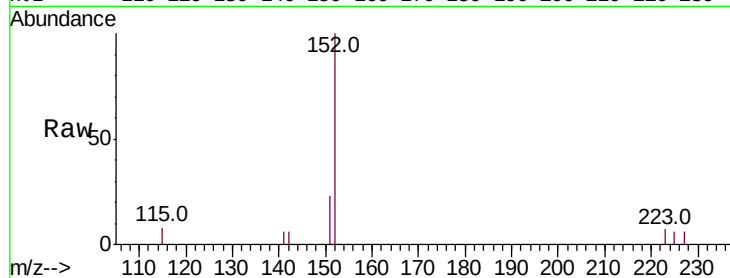
KY038PS037-200624RE

Tot Ion:152 Resp: 1758

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4



#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

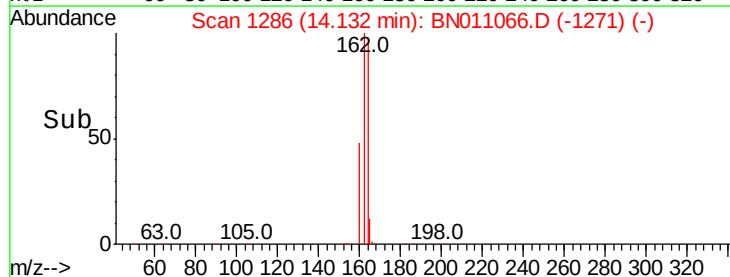
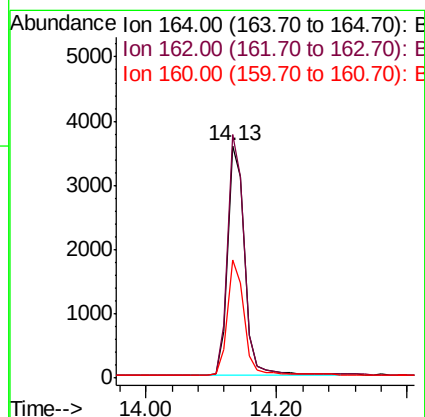
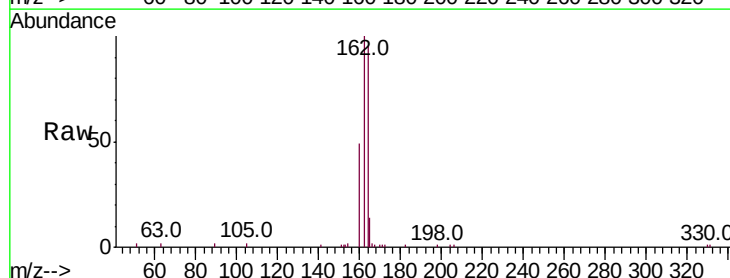
Tgt Ion:164 Resp: 6360

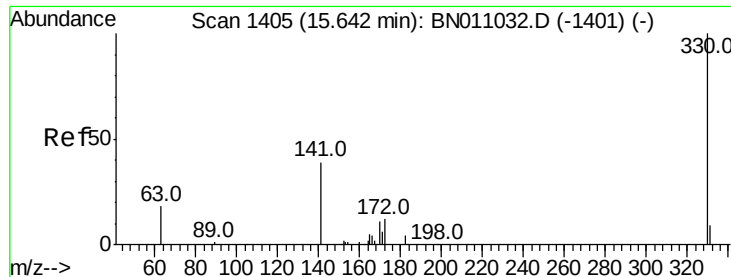
Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.4

160 50.9 37.7 56.5

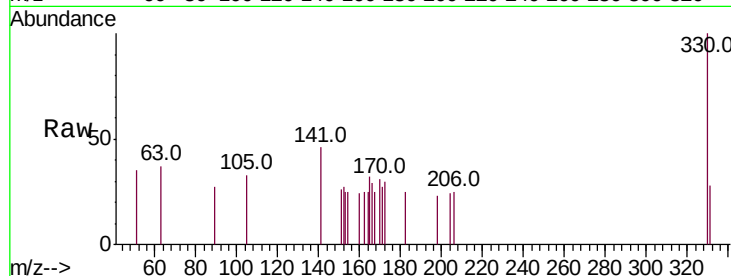




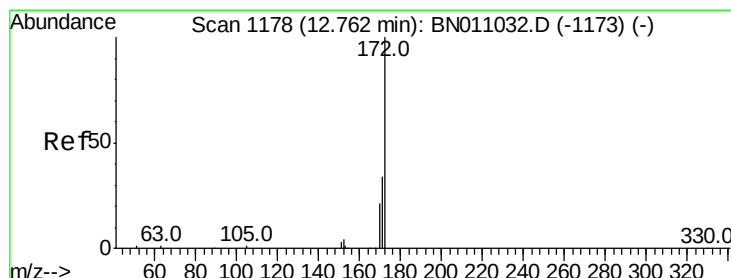
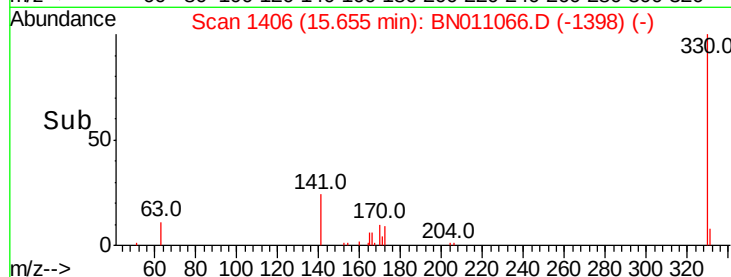
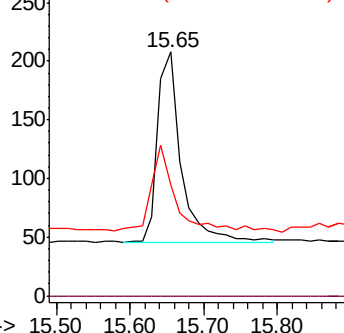
#14
 2,4,6-Tribromophenol
 Concen: 0.132 ng
 RT: 15.65 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BN011066.D
 Acq: 29 Jun 2020 10:33

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200624RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.1	34.5	51.7

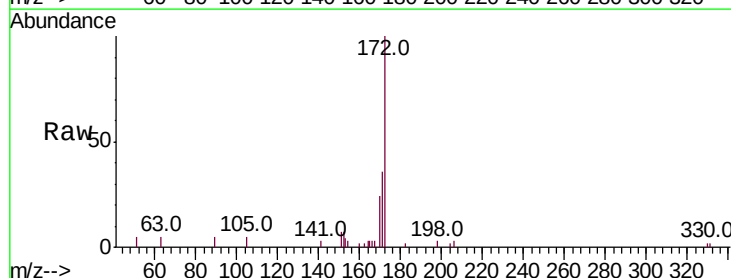


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

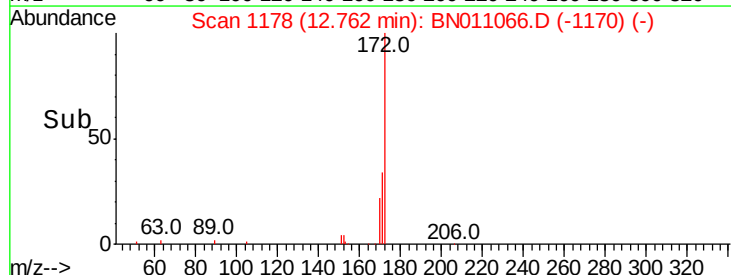
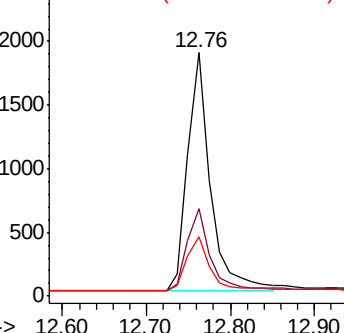


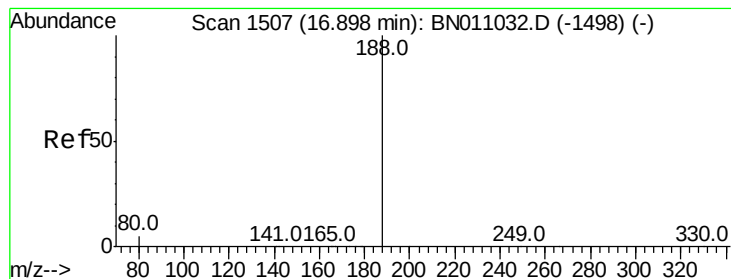
#15
 2-Fluorobiphenyl
 Concen: 0.119 ng
 RT: 12.76 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BN011066.D
 Acq: 29 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.4	41.2
170	24.2	17.5	26.3



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





#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

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

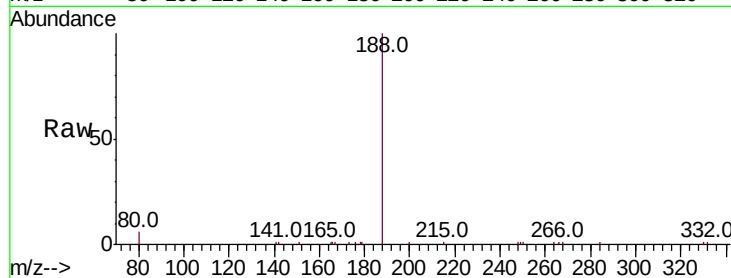
Tot Ion:188 Resp: 12343

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

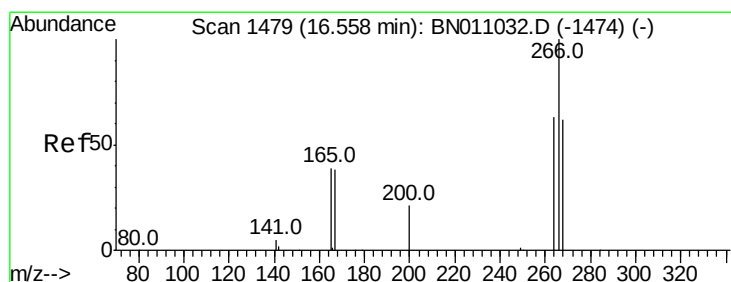
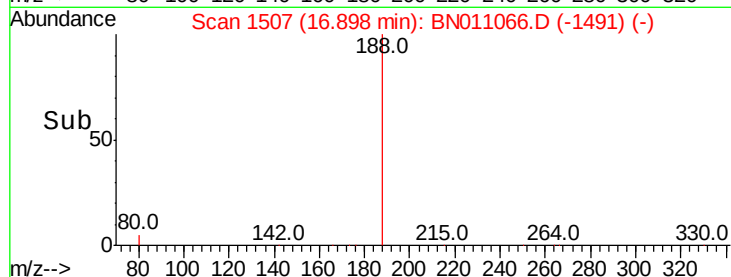
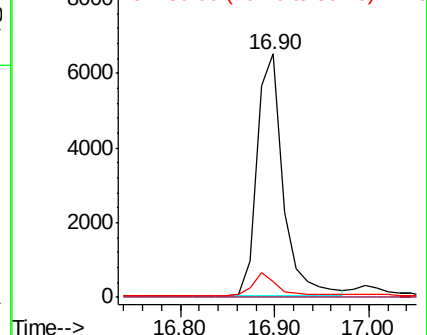
80 6.2 4.6 7.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#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

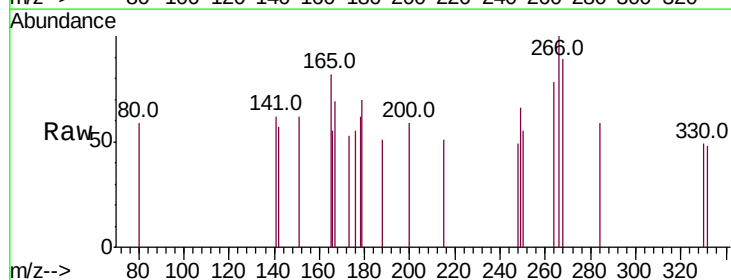
Tgt Ion:266 Resp: 120

Ion Ratio Lower Upper

266 100

264 58.3 51.4 77.0

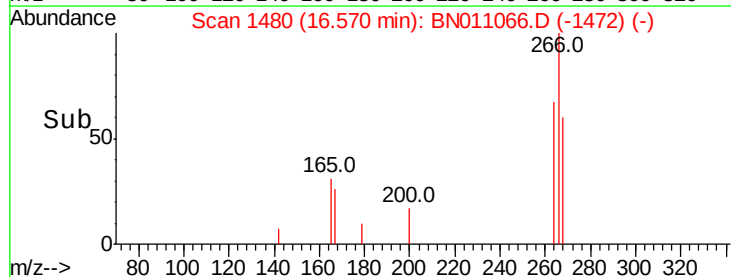
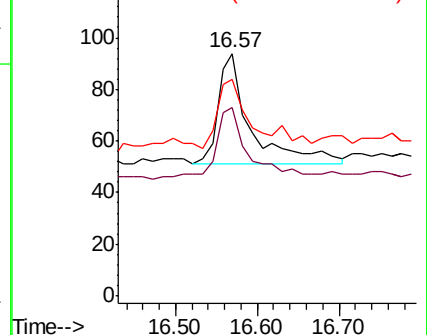
268 56.7 54.9 82.3

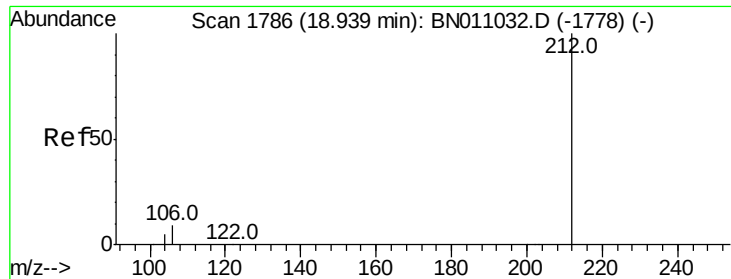


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

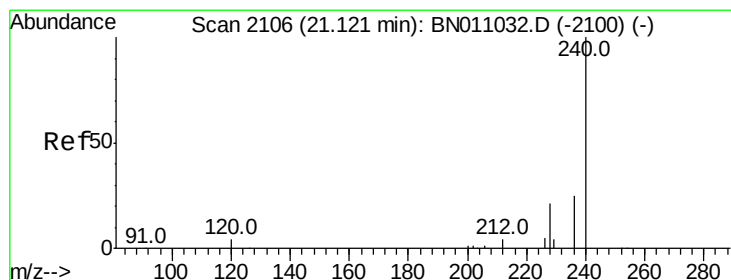
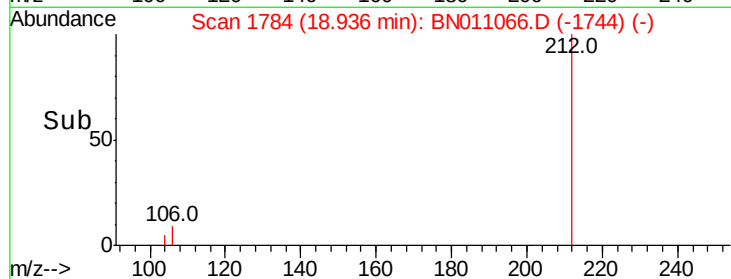
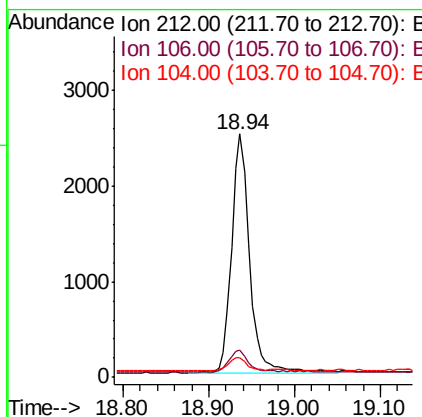
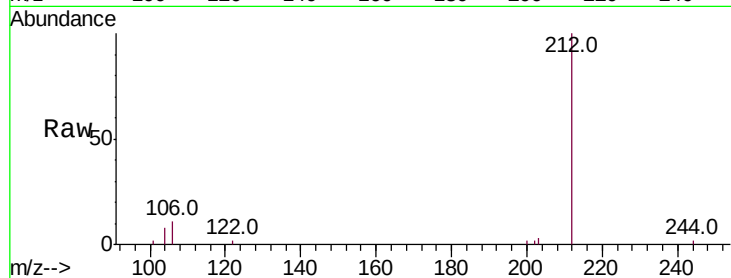




#27
 Fluoranthene-d10
 Concen: 0.093 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011066.D
 Acq: 29 Jun 2020 10:33

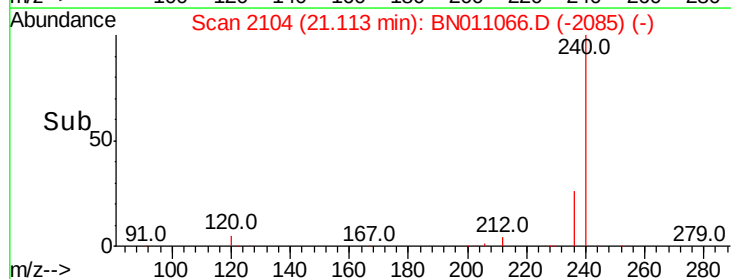
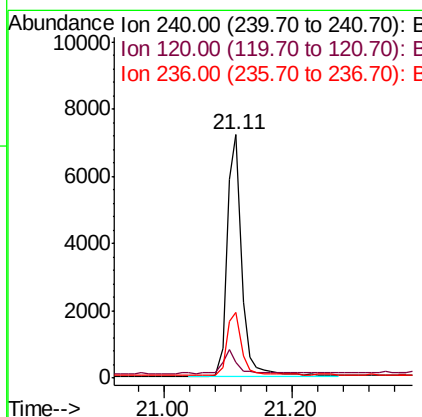
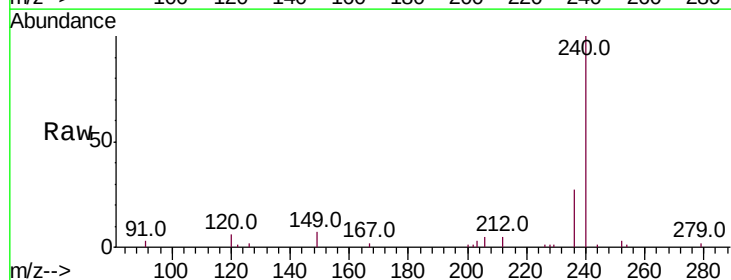
Instrument :
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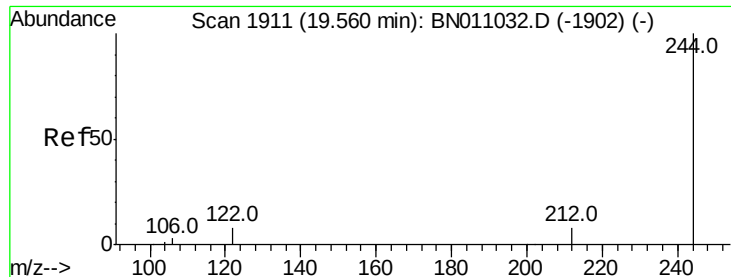
Tot Ion:212 Resp: 3618
 Ion Ratio Lower Upper
 212 100
 106 9.3 7.7 11.5
 104 5.7 4.6 6.8



#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

Tgt Ion:240 Resp: 11359
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.4 8.0
 236 26.8 21.4 32.2





#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

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

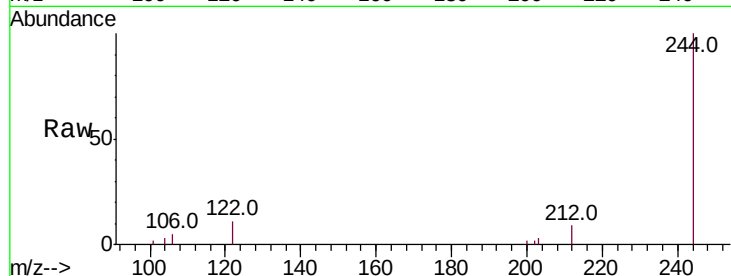
Tot Ion:244 Resp: 4497

Ion Ratio Lower Upper

244 100

212 9.5 6.9 10.3

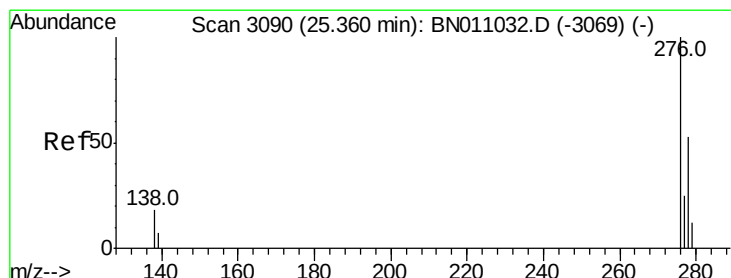
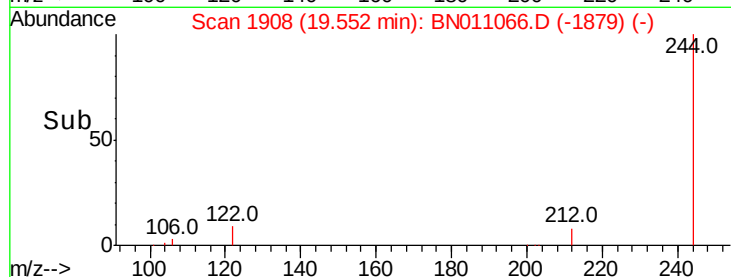
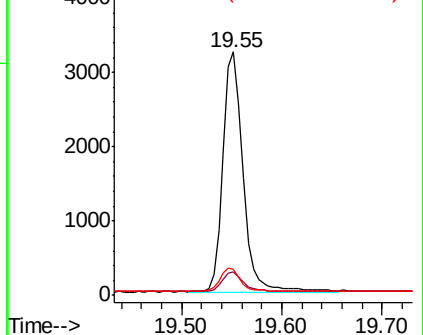
122 10.7 7.4 11.0



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

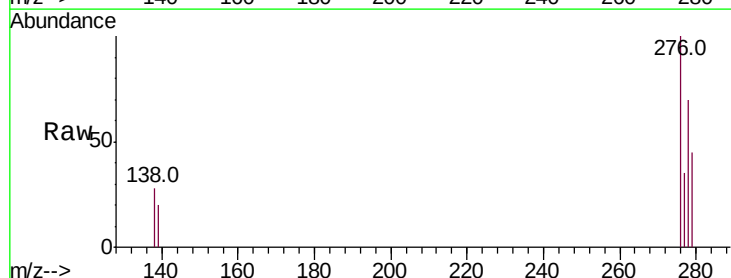
Tgt Ion:276 Resp: 2234

Ion Ratio Lower Upper

276 100

138 20.2 16.2 24.2

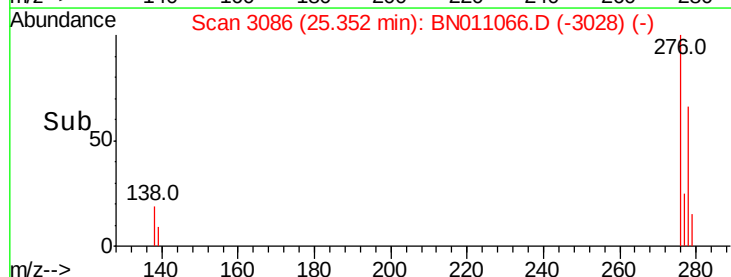
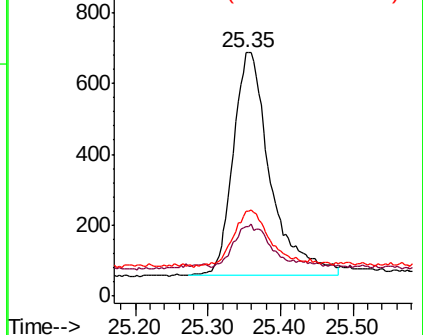
277 26.2 19.9 29.9

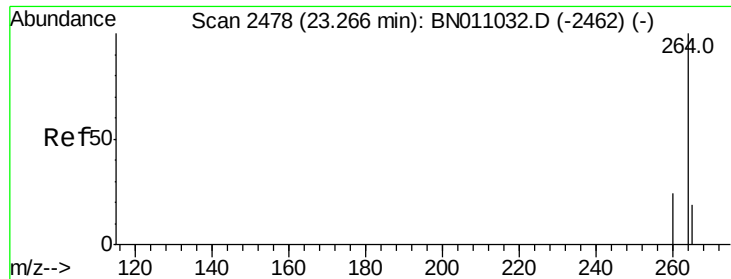


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

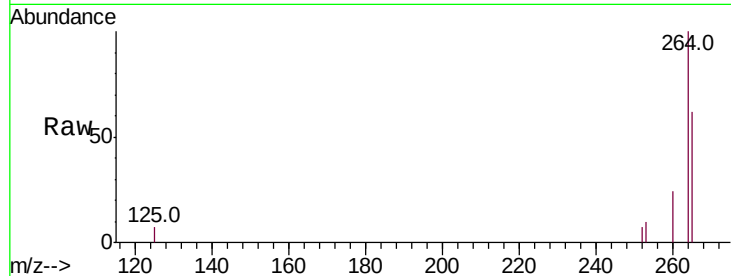




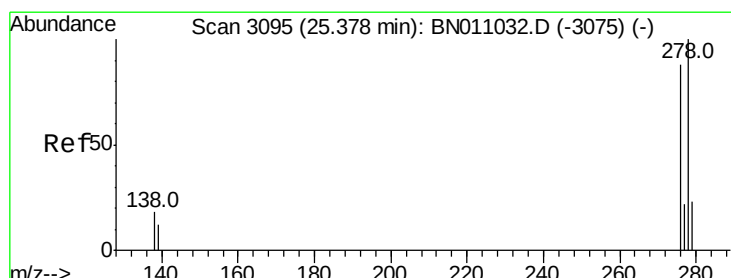
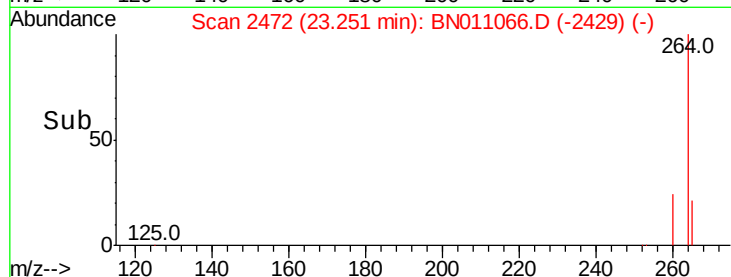
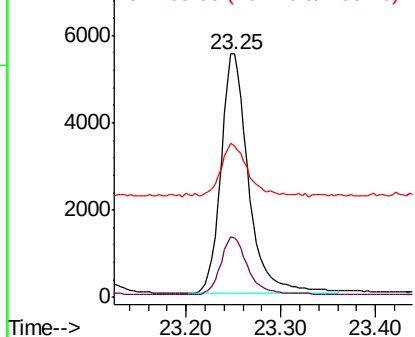
#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BN011066.D
Acq: 29 Jun 2020 10:33

Instrument :
BNA_N
ClientSampleId :
KY038PS037-200624RE

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

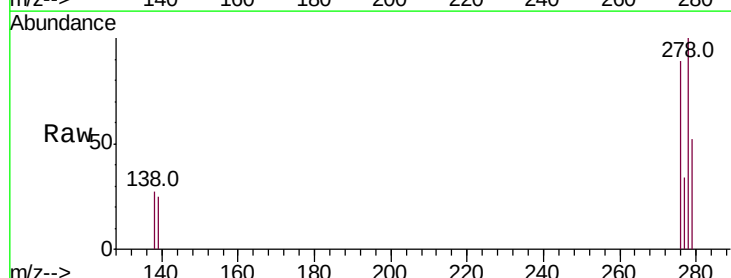


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

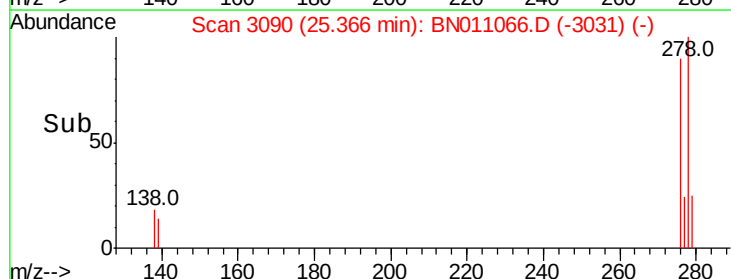
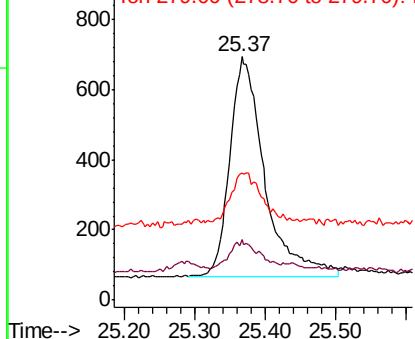


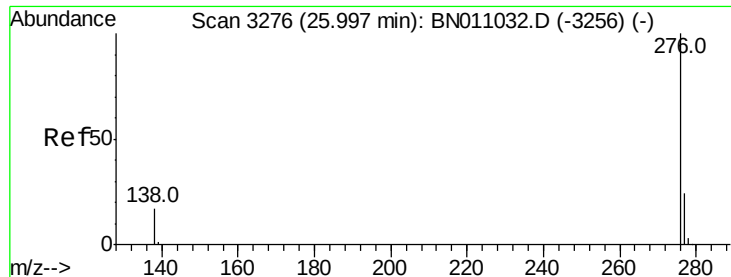
#40
Dibenzo(a,h)anthracene
Concen: 0.051 ng
RT: 25.37 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BN011066.D
Acq: 29 Jun 2020 10:33

Tgt 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(a,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

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624RE

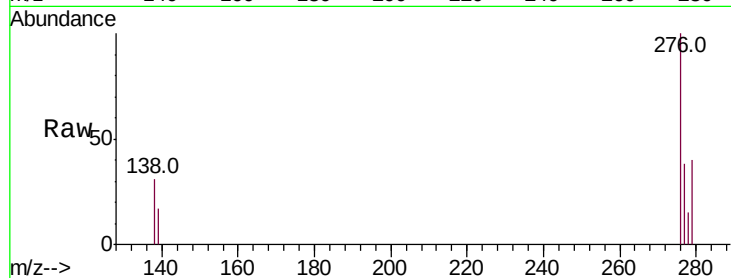
Tot Ion:276 Resp: 1579

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

