

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052120\
 Data File : BN010737.D
 Acq On : 21 May 2020 21:10
 Operator : CG/JU
 Sample : L2732-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200520

Quant Time: May 22 04:58:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 16:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3133	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12145	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7454	0.40	ng	-0.01
19) Phenanthrene-d10	16.94	188	15313	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	12520	0.40	ng	0.00
34) Perylene-d12	23.31	264	11905	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	744	0.12	ng	0.00
5) Phenol-d6	6.77	99	511	0.07	ng	0.00
8) Nitrobenzene-d5	8.71	82	2799	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	6089	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	823	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.82	172	8961	0.33	ng	0.00
25) Fluoranthene-d10	18.98	212	14852	0.36	ng	0.00
29) Terphenyl-d14	19.59	244	11915	0.40	ng	0.00

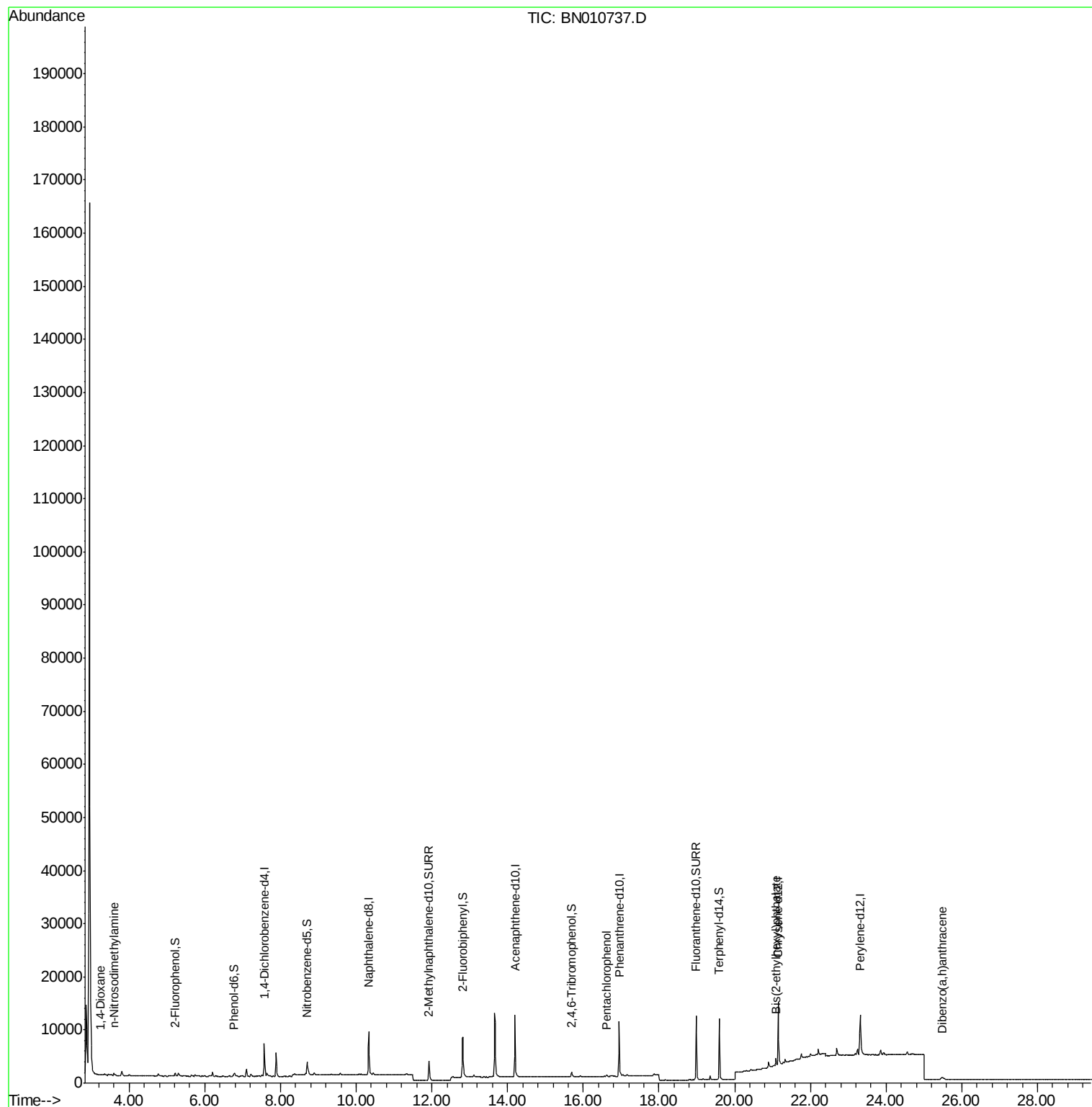
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	83	0.031	ng	# 41
3) n-Nitrosodimethylamine	3.59	42	94	0.060	ng	# 1
22) Pentachlorophenol	16.61	266	221	0.071	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.09	149	1107	0.069	ng	# 98
38) Dibenzo(a,h)anthracene	25.48	278	598	0.021	ng	# 1

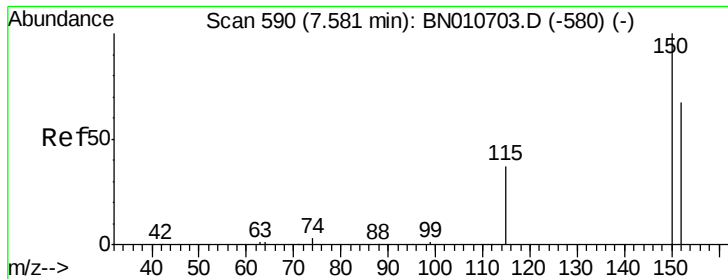
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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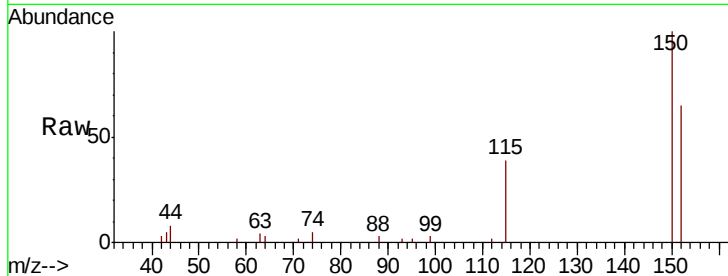


#1

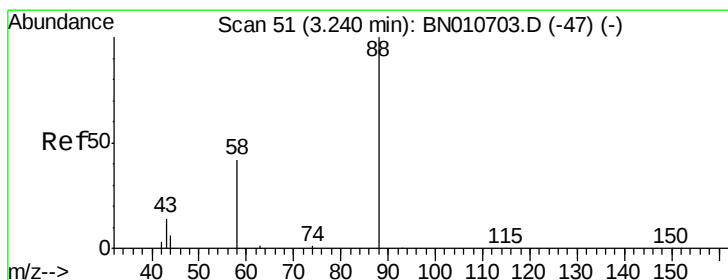
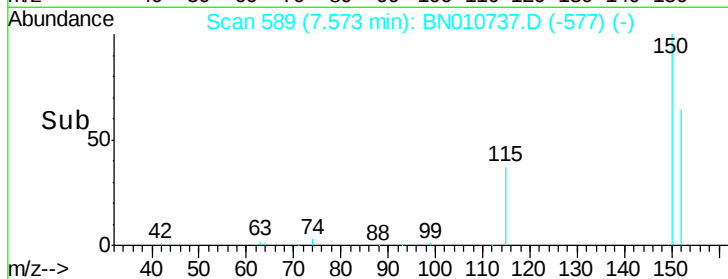
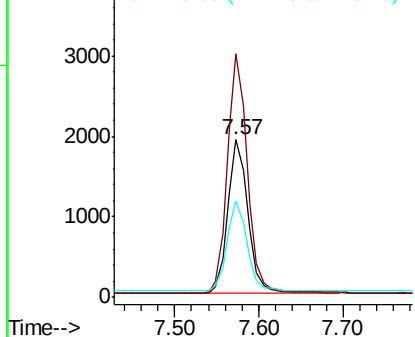
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN010737.D
Acq: 21 May 2020 21:10

Instrument :
BNA_N
ClientSampleId :
KY038PS037-200520

Tot Ion:152 Resp: 3133
Ion Ratio Lower Upper
152 100
150 154.3 119.4 179.0
115 60.9 45.9 68.9



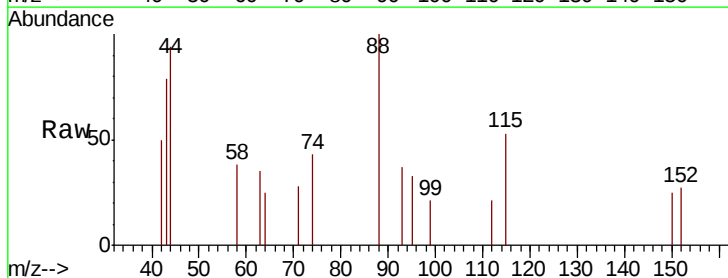
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



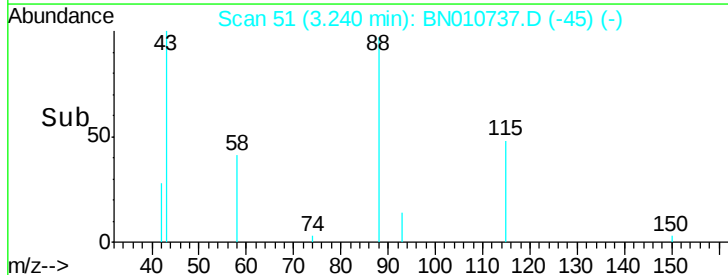
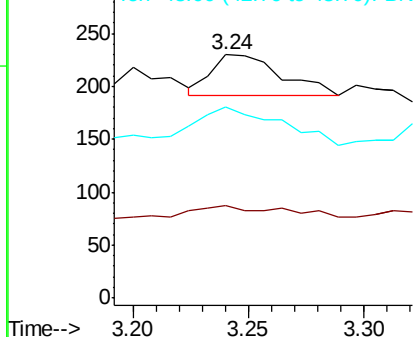
#2

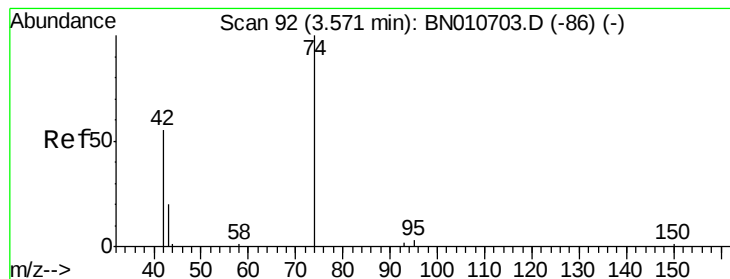
1,4-Dioxane
Concen: 0.031 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010737.D
Acq: 21 May 2020 21:10

Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
58 34.9 39.0 58.6#
43 90.4 13.1 19.7#



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: 0.060 ng

RT: 3.59 min Scan# 95

Delta R.T. 0.02 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200520

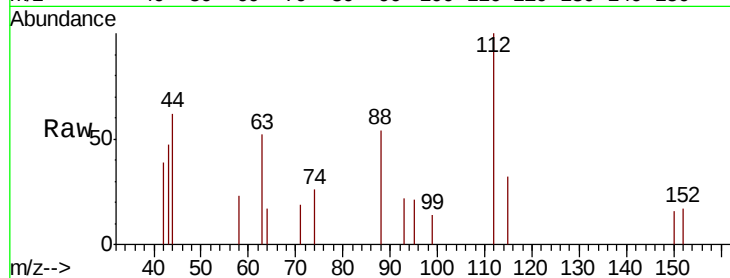
Tot Ion: 42 Resp: 94

Ion Ratio Lower Upper

42 100

74 22.3 146.2 219.2#

44 0.0 3.0 4.4#

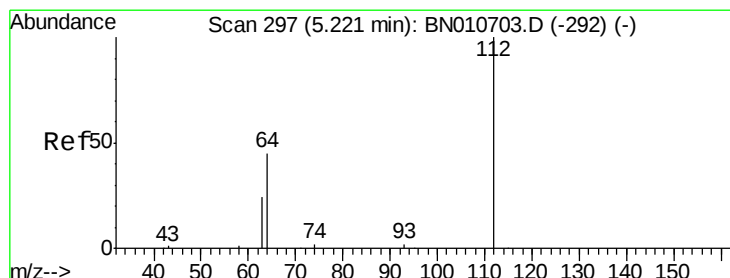
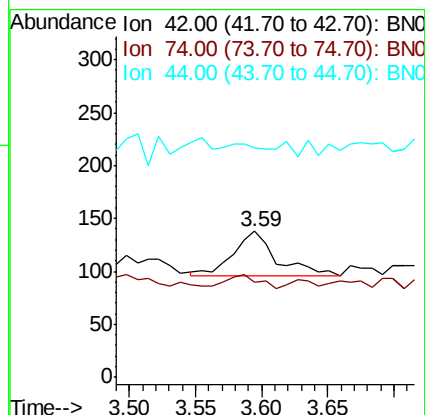
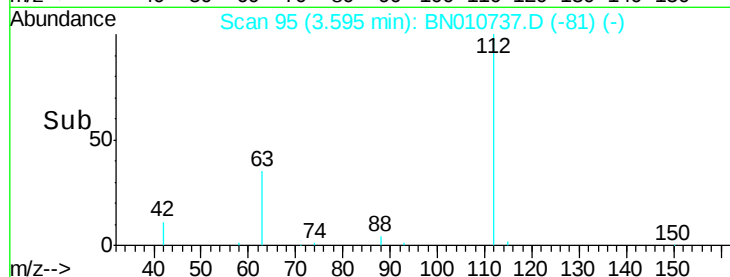


Abundance Ion 42.00 (41.70 to 42.70): BN010737.D (-86) (-)

Ion 74.00 (73.70 to 74.70): BN010737.D (-86) (-)

Ion 44.00 (43.70 to 44.70): BN010737.D (-86) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.121 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

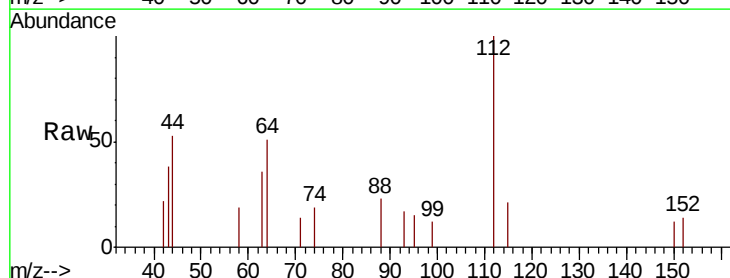
Tgt Ion: 112 Resp: 744

Ion Ratio Lower Upper

112 100

64 45.3 36.2 54.4

63 27.4 19.8 29.8

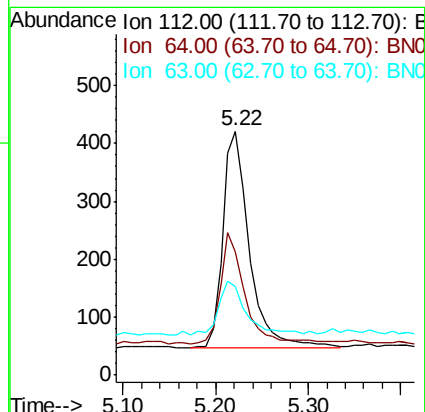
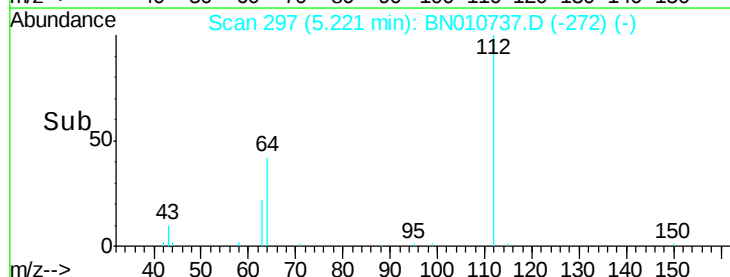


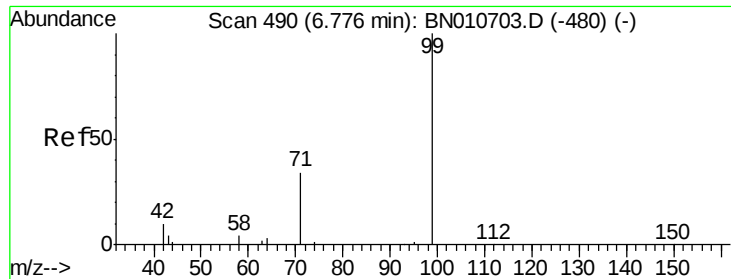
Abundance Ion 112.00 (111.70 to 112.70): BN010737.D (-292) (-)

Ion 64.00 (63.70 to 64.70): BN010737.D (-292) (-)

Ion 63.00 (62.70 to 63.70): BN010737.D (-292) (-)

Time-->





#5

Phenol-d6

Concen: 0.068 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

Instrument :

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KY038PS037-200520

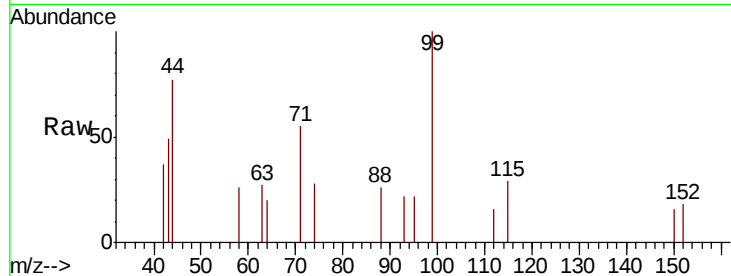
Tot Ion: 99 Resp: 511

Ion Ratio Lower Upper

99 100

42 21.9 9.8 14.8#

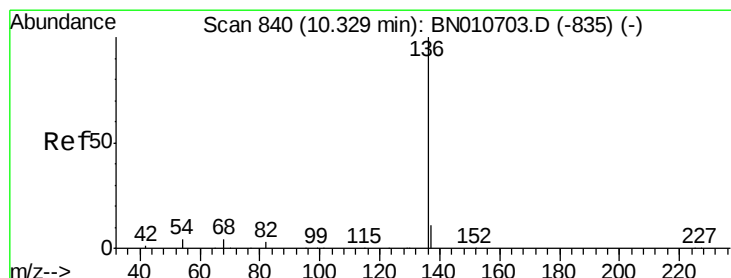
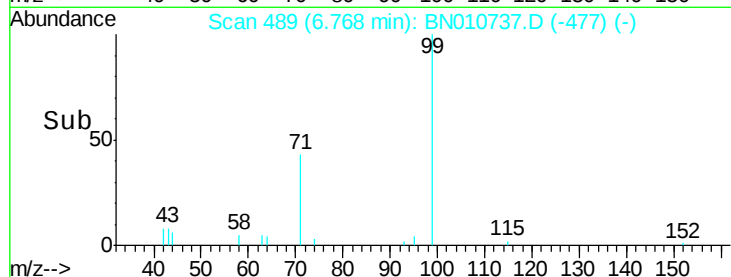
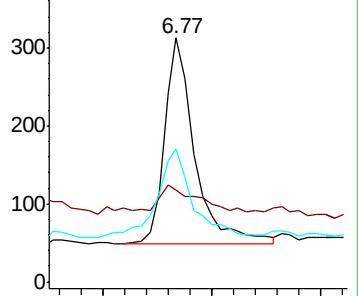
71 50.1 28.6 42.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010703.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN010703.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN010703.D (-480) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

Tgt Ion: 136 Resp: 12145

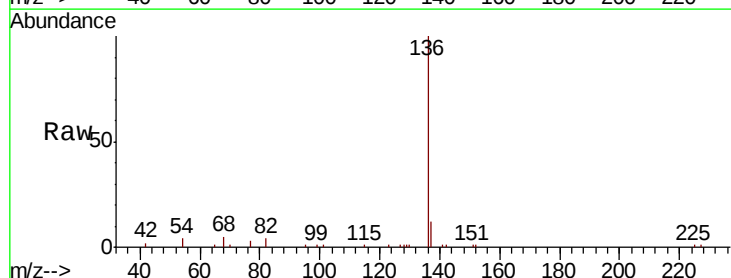
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 4.0 3.6 5.4

68 4.7 4.1 6.1

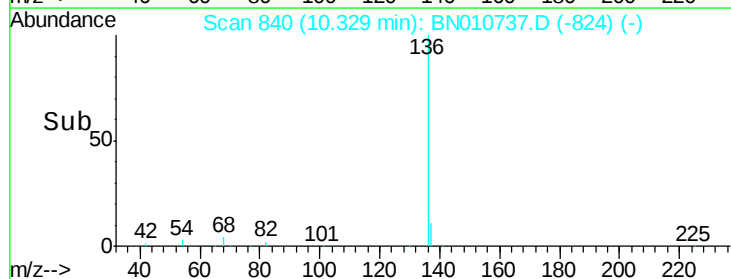
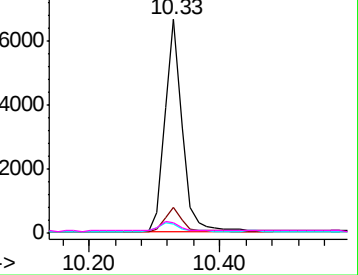


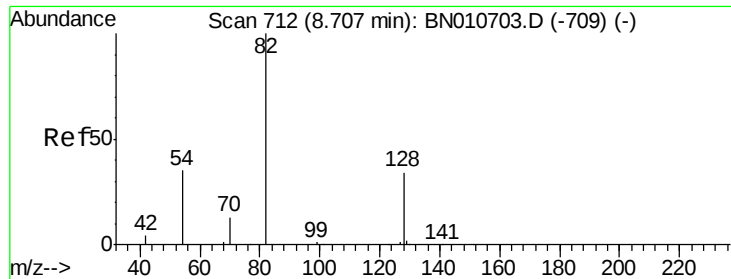
Abundance Ion 136.00 (135.70 to 136.70): BN010703.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN010703.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN010703.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN010703.D (-835) (-)

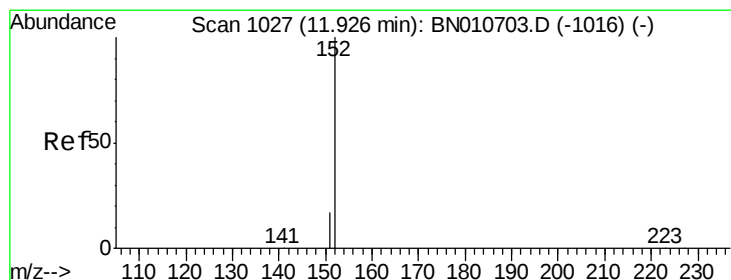
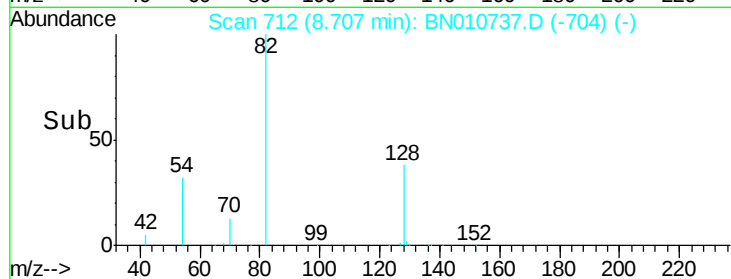
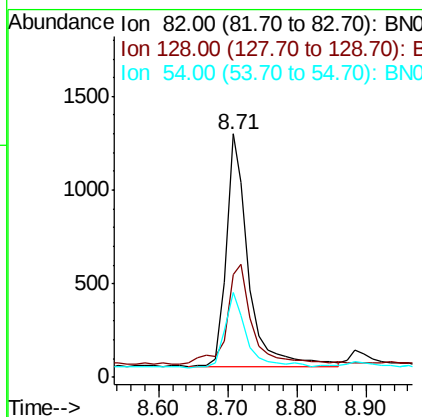
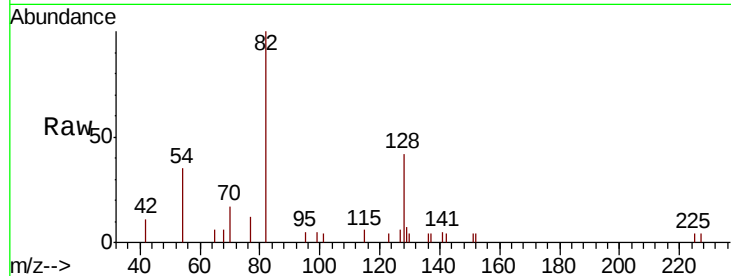




#8
 Nitrobenzene-d5
 Concen: 0.332 ng
 RT: 8.71 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BN010737.D
 Acq: 21 May 2020 21:10

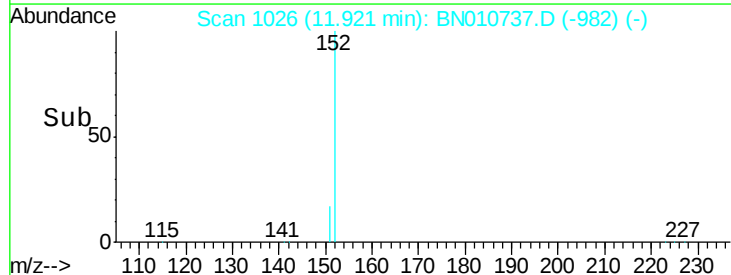
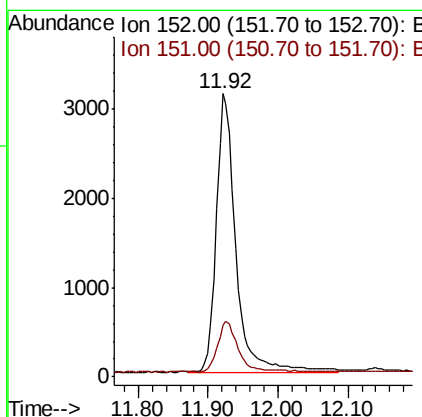
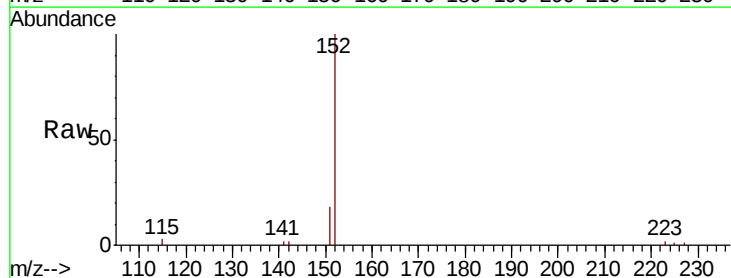
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200520

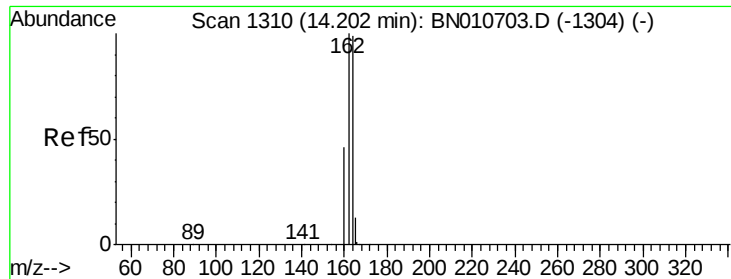
Tot Ion	82	Resp	2799
Ion Ratio	Lower	Upper	
82	100		
128	42.2	29.0	43.4
54	34.6	29.3	43.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.307 ng
 RT: 11.92 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BN010737.D
 Acq: 21 May 2020 21:10

Tgt Ion	152	Resp	6089
Ion Ratio	Lower	Upper	
152	100		
151	18.6	15.0	22.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200520

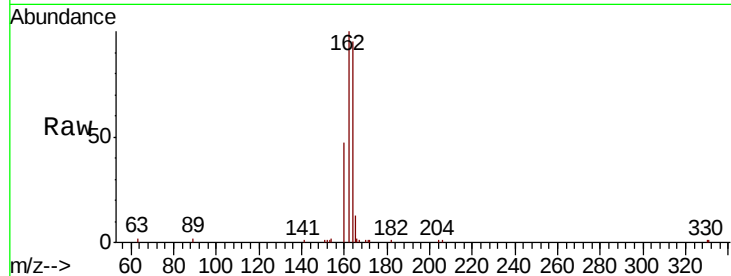
Tot Ion:164 Resp: 7454

Ion Ratio Lower Upper

164 100

162 104.8 81.1 121.7

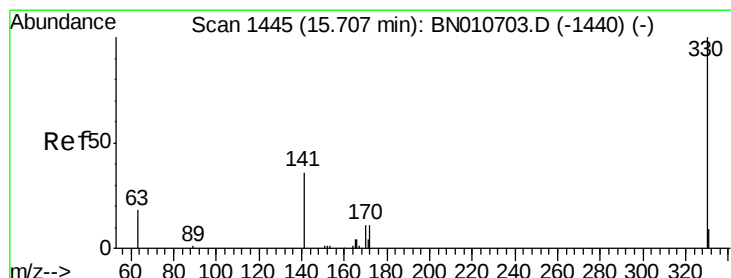
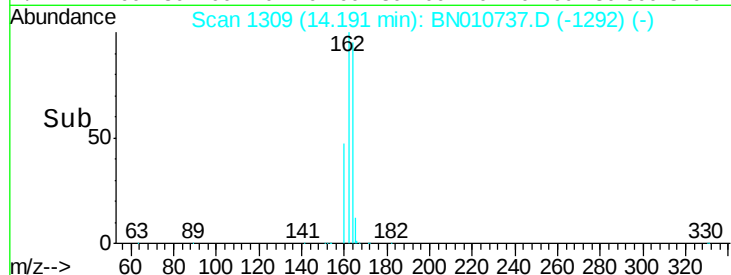
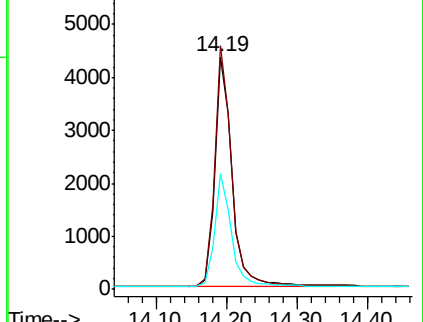
160 49.5 37.9 56.9



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: 0.304 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

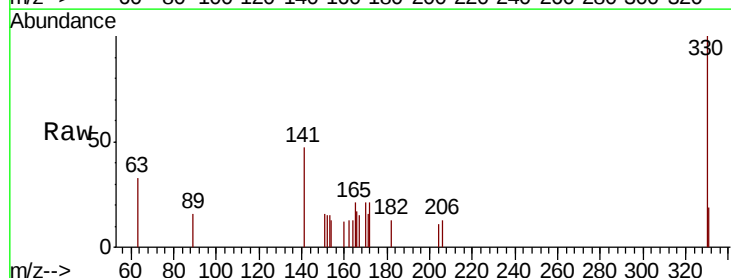
Tgt Ion:330 Resp: 823

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

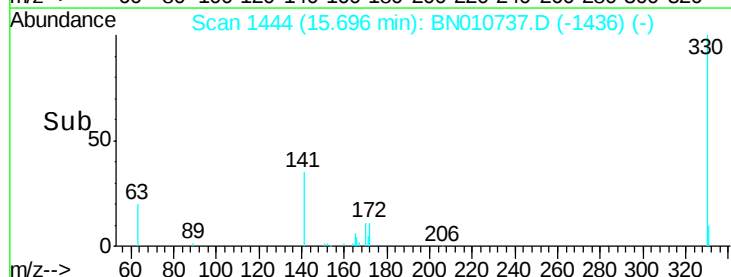
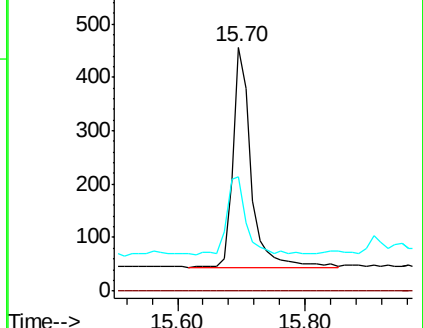
141 39.1 28.8 43.2

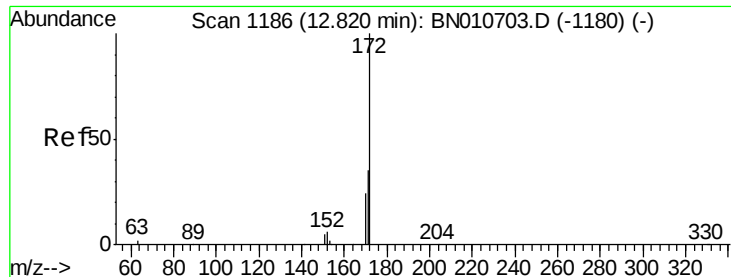


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

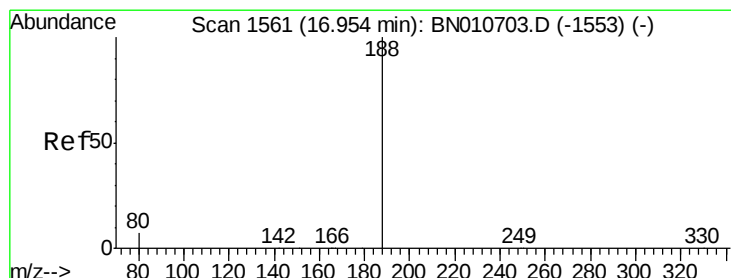
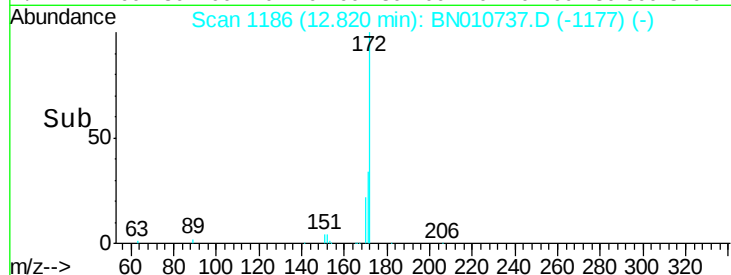
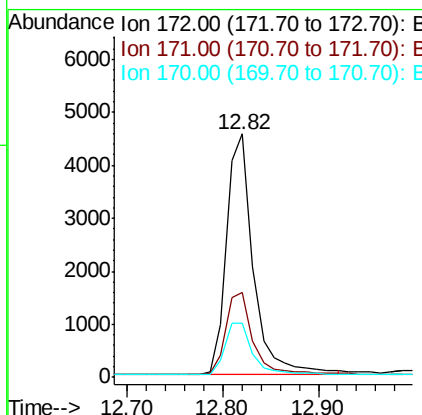
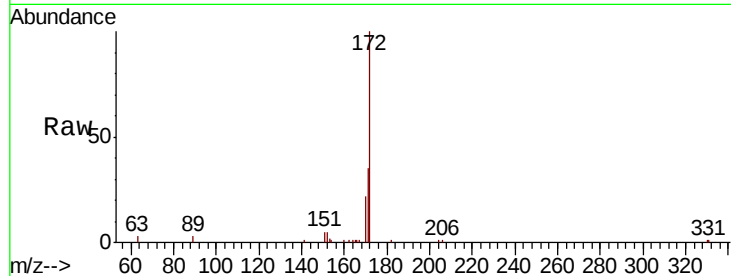




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010737.D
Acq: 21 May 2020 21:10

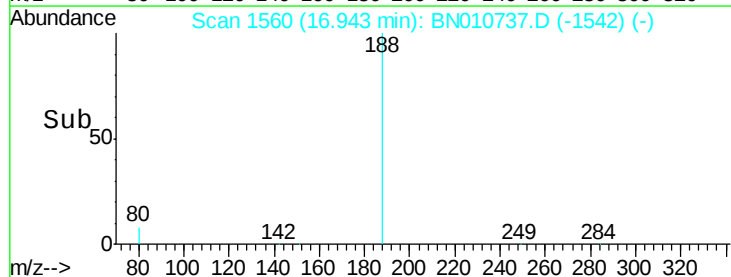
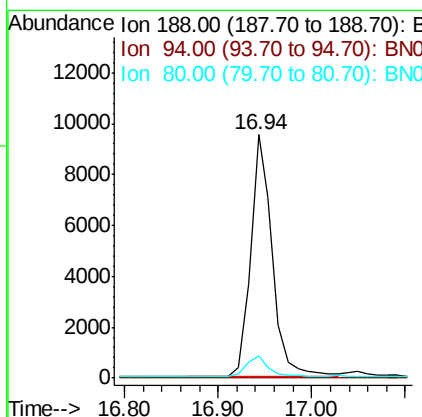
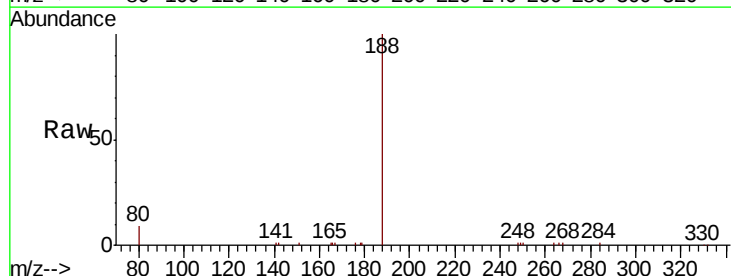
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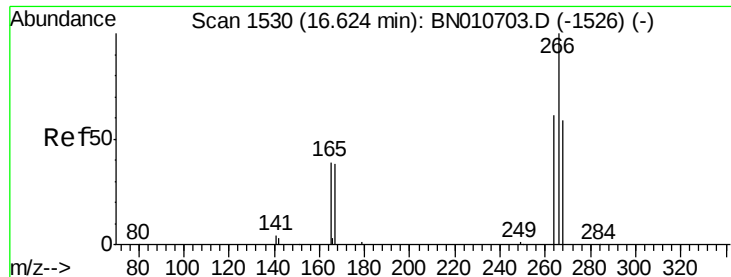
Tot Ion:172 Resp: 8961
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.4 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN010737.D
Acq: 21 May 2020 21:10

Tgt Ion:188 Resp: 15313
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.3 9.5





#22

Pentachlorophenol

Concen: 0.071 ng

RT: 16.61 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200520

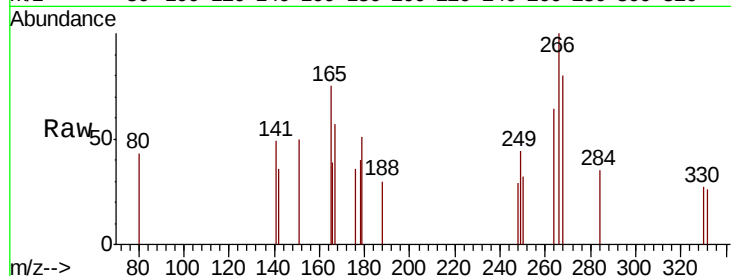
Tot Ion:266 Resp: 221

Ion Ratio Lower Upper

266 100

264 64.3 51.1 76.7

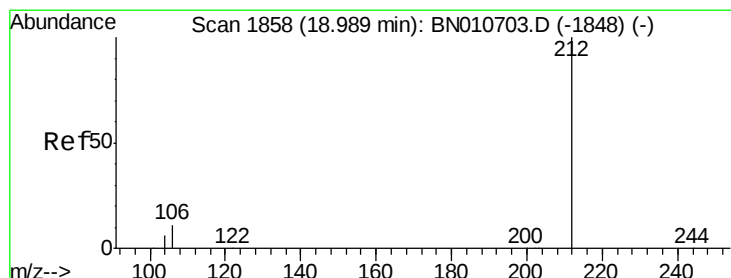
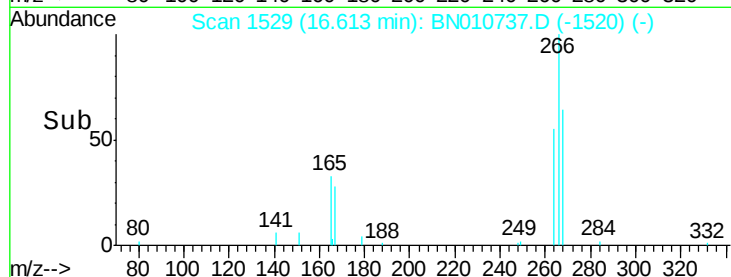
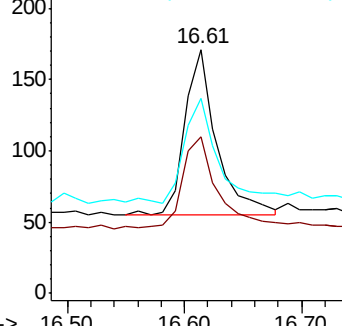
268 80.1 52.1 78.1#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 18.98 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

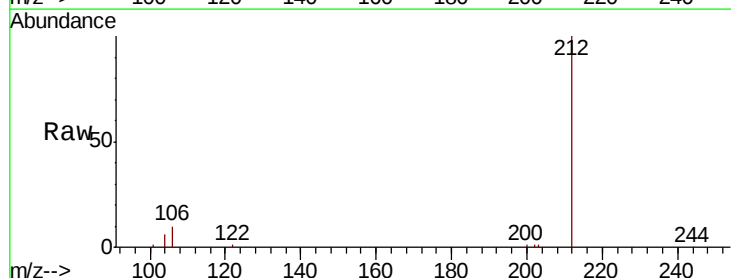
Tgt Ion:212 Resp: 14852

Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

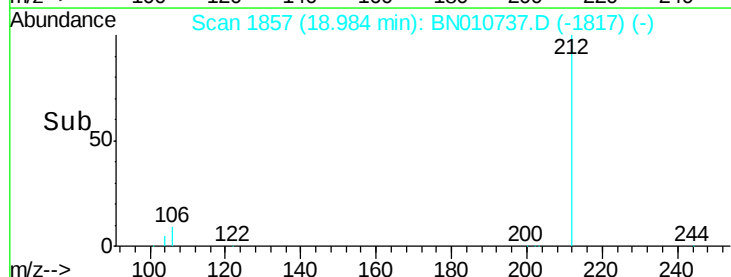
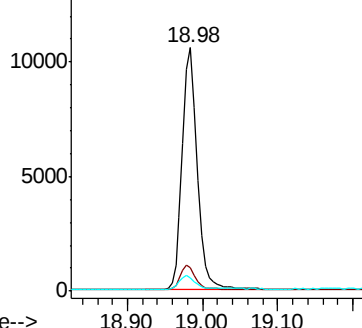
104 5.7 4.7 7.1

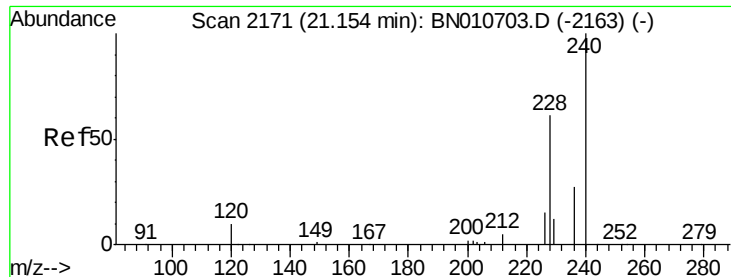


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200520

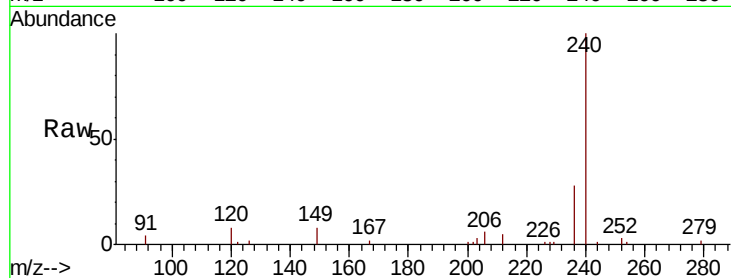
Tot Ion:240 Resp: 12520

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

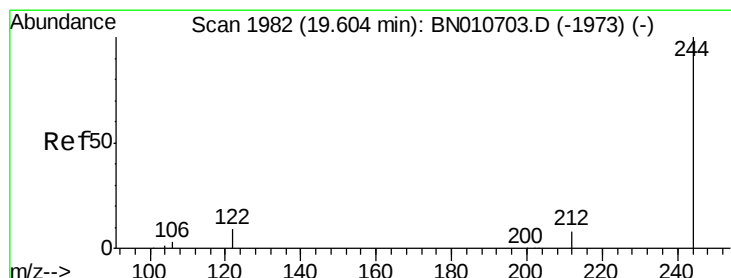
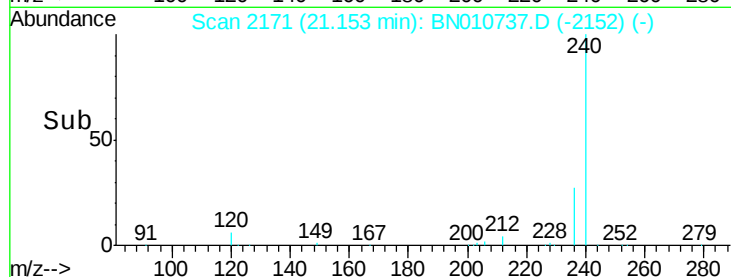
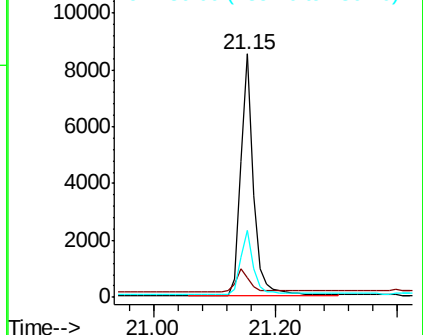
236 27.7 22.5 33.7



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



#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.59 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

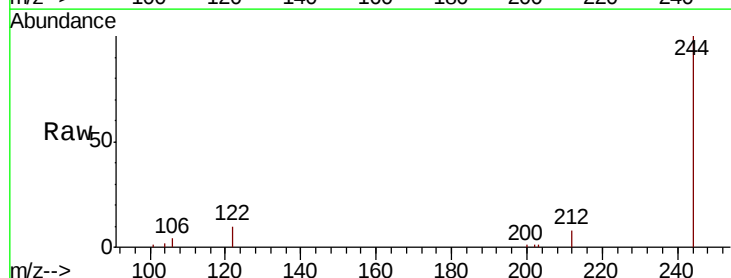
Tgt Ion:244 Resp: 11915

Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

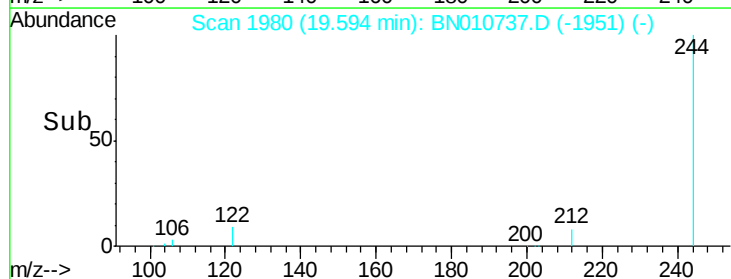
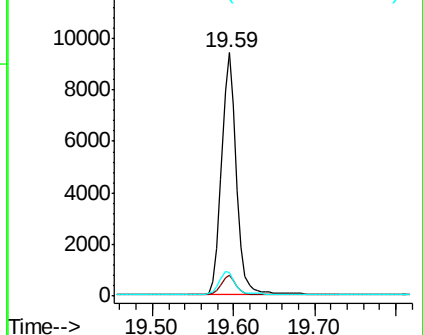
122 9.8 8.1 12.1

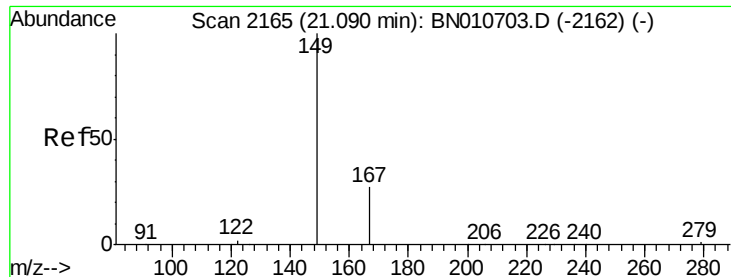


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

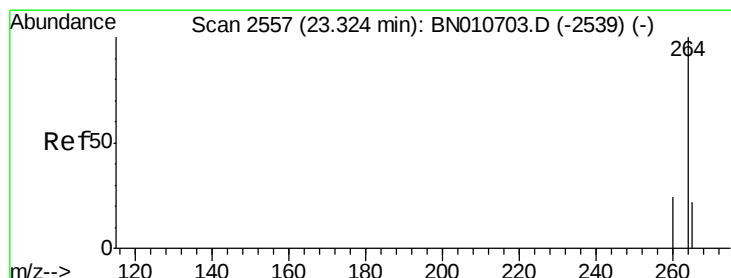
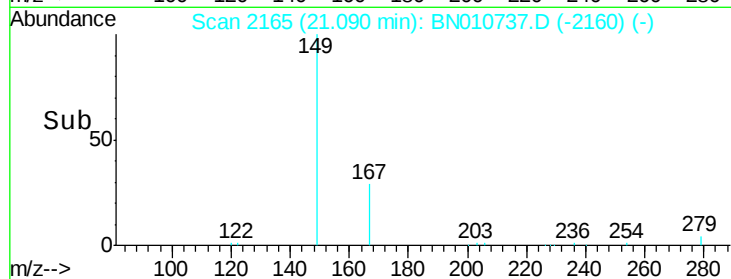
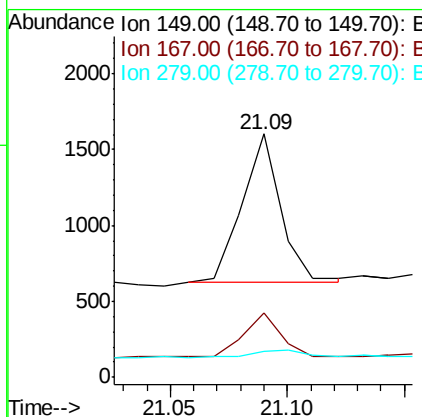
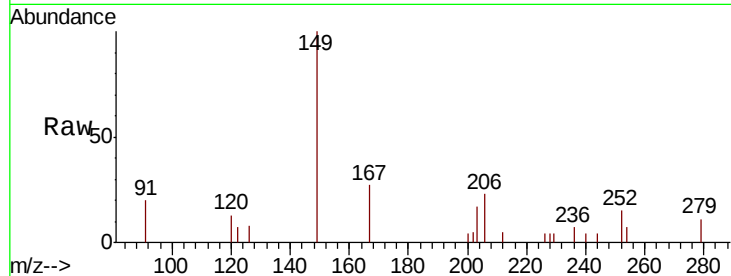




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.09 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BN010737.D
 Acq: 21 May 2020 21:10

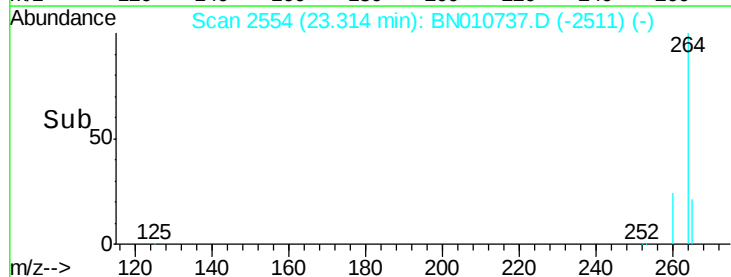
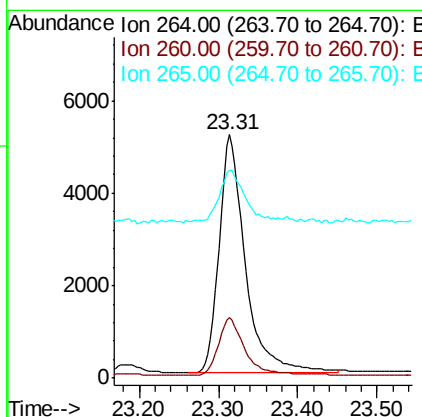
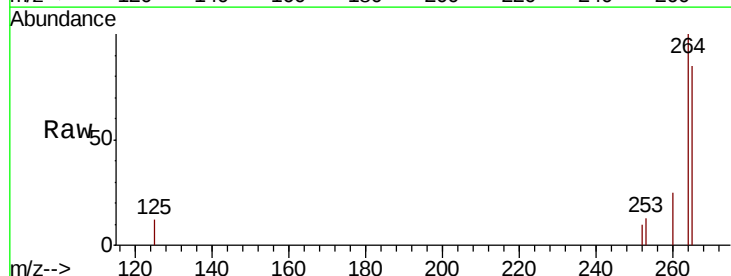
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200520

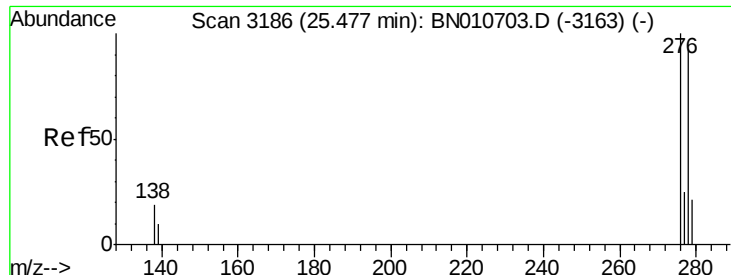
Tot Ion:149 Resp: 1107
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.5 33.7
 279 7.7 4.1 6.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.31 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BN010737.D
 Acq: 21 May 2020 21:10

Tgt Ion:264 Resp: 11905
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 85.3 70.1 105.1





#38

Dibenzo(a,h)anthracene

Concen: 0.021 ng

RT: 25.48 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BN010737.D

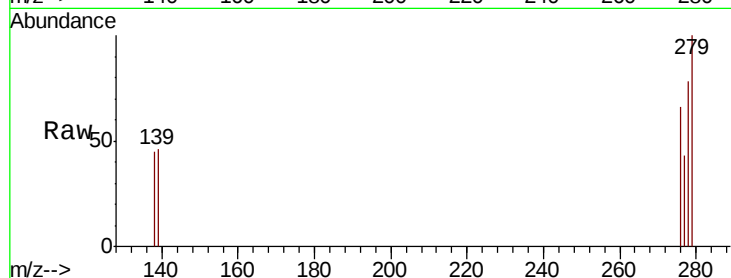
Acq: 21 May 2020 21:10

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200520



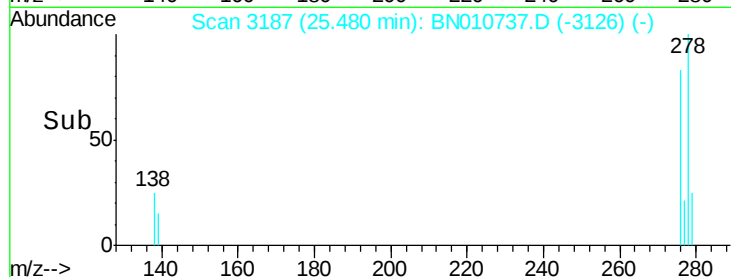
Tot Ion:278 Resp: 598

Ion Ratio Lower Upper

278 100

139 58.5 13.0 19.4#

279 127.6 25.1 37.7#



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

