

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 25 08:35:16 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

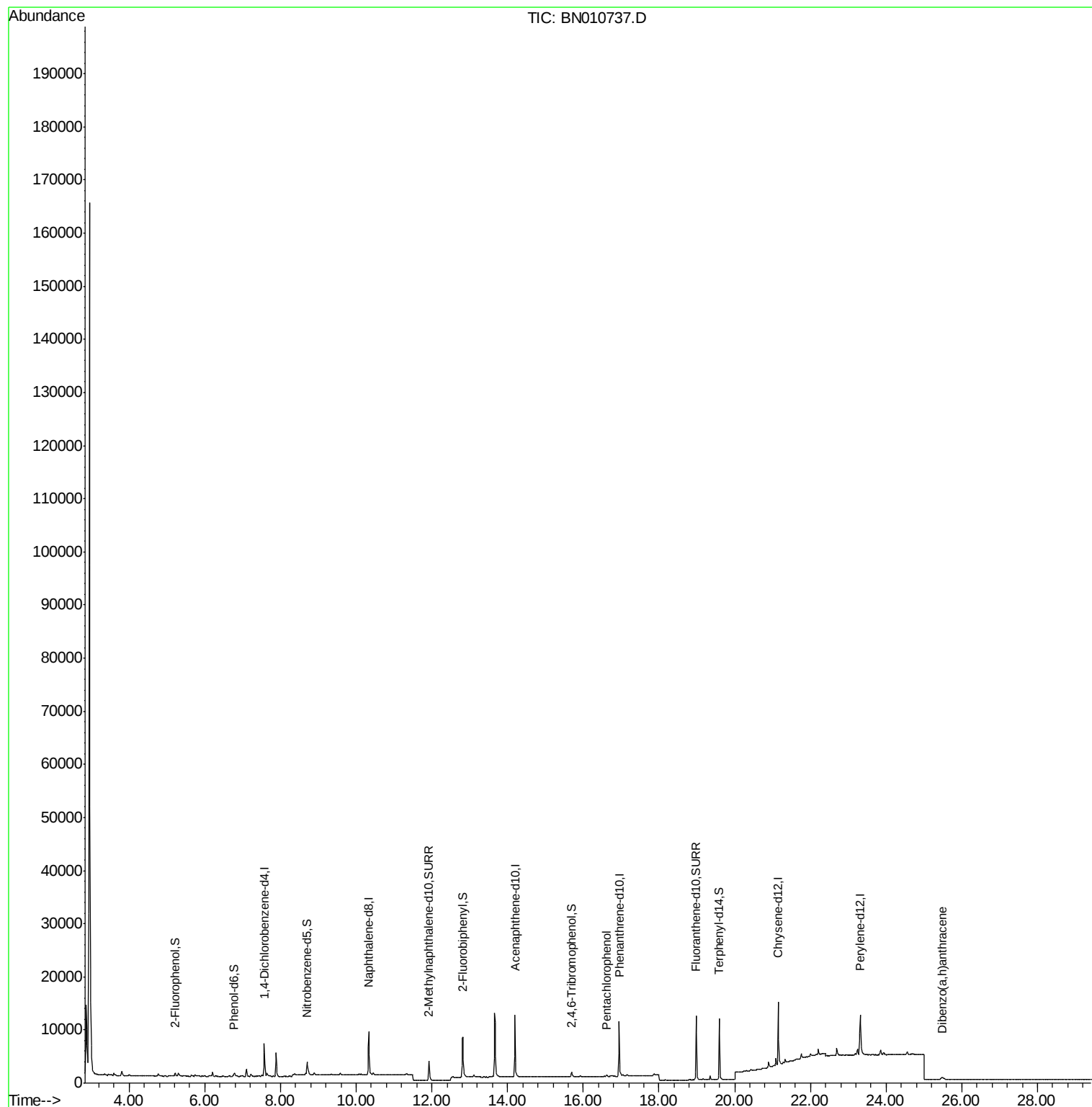
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3133	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12145	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7454	0.40	ng	-0.01
19) Phenanthrene-d10	16.94	188	15313	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	12520	0.40	ng	0.00
34) Perylene-d12	23.31	264	11905	0.40	ng	0.00
System Monitoring Compounds						
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						
22) Pentachlorophenol	16.61	266	221	0.071	ng	# 90
38) Dibenzo(a,h)anthracene	25.48	278	598	0.021	ng	# 1

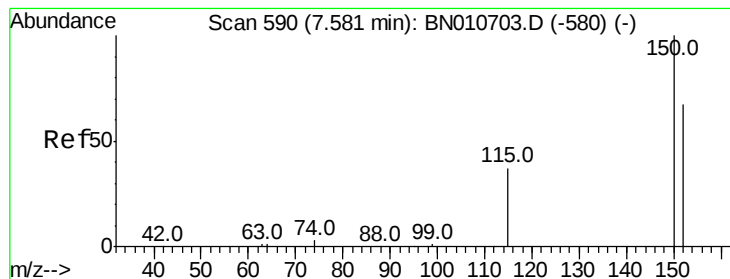
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

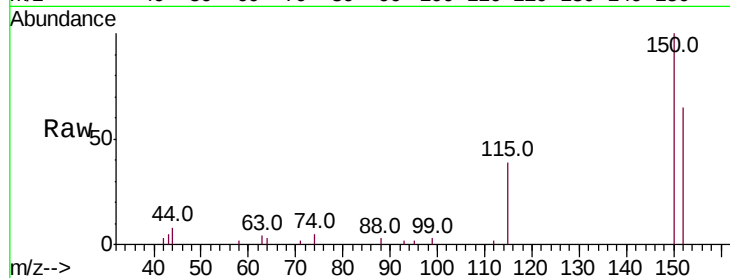
Tot Ion:152 Resp: 3133

Ion Ratio Lower Upper

152 100

150 154.3 119.4 179.0

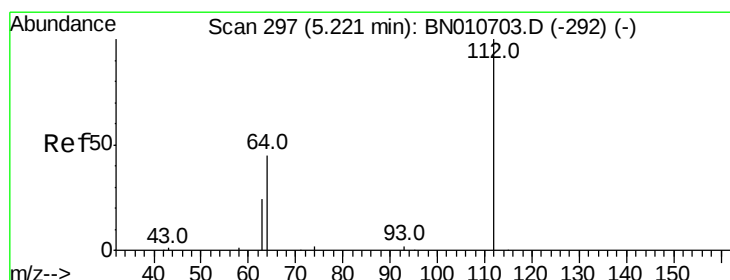
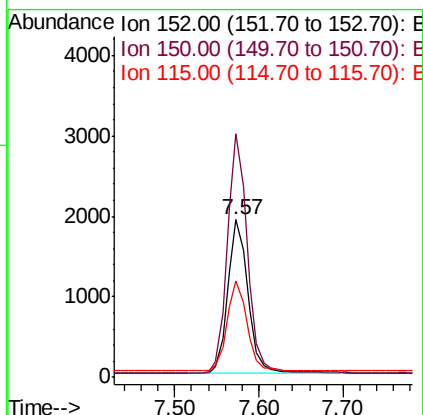
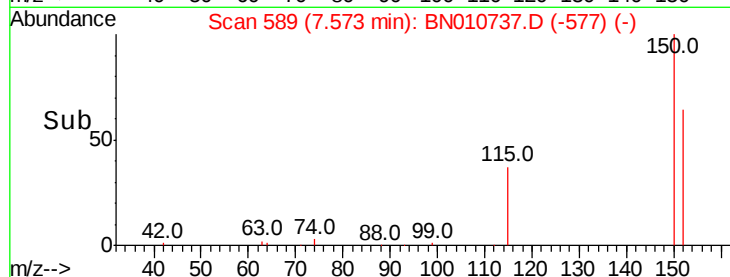
115 60.9 45.9 68.9



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



#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

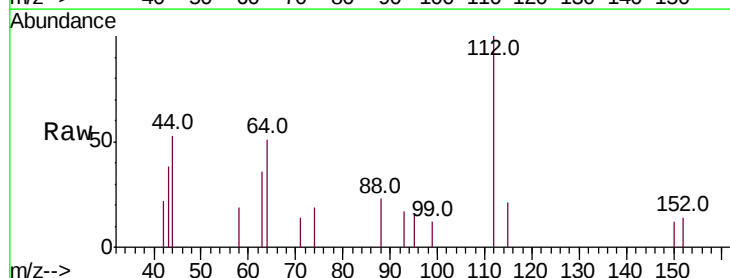
Tgt Ion:112 Resp: 744

Ion Ratio Lower Upper

112 100

64 45.3 36.2 54.4

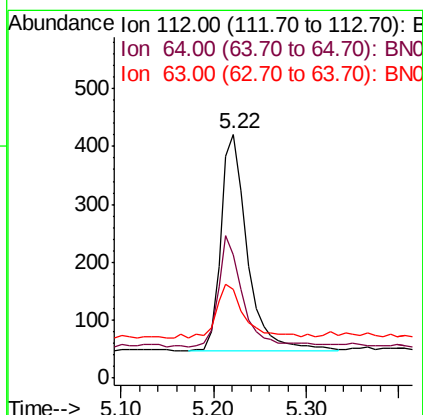
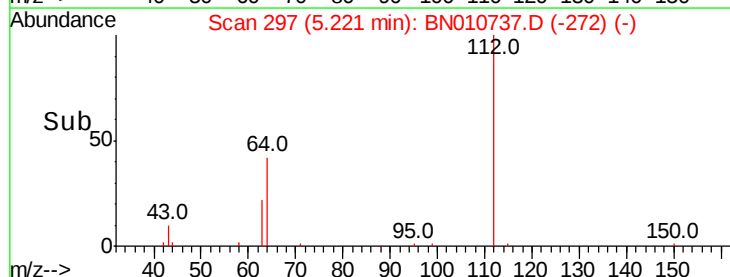
63 27.4 19.8 29.8

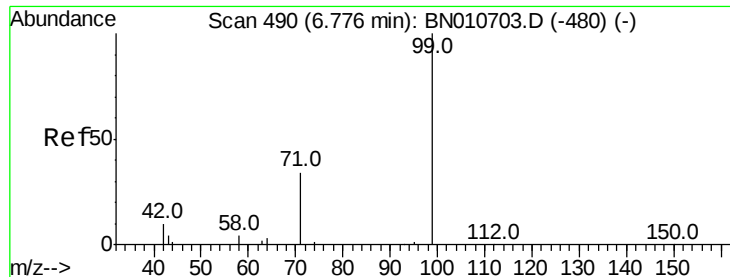


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#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 :

BNA_N

ClientSampleId :

KY038PS037-200520

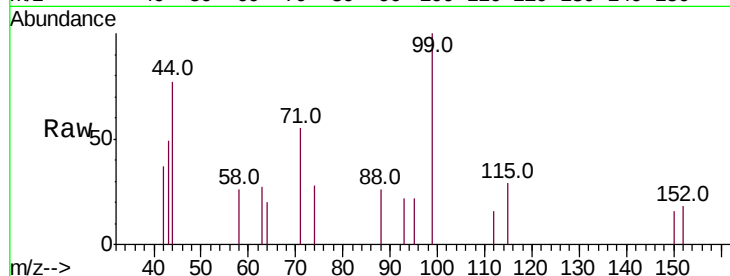
Tot Ion: 99 Resp: 511

Ion Ratio Lower Upper

99 100

42 21.9 9.8 14.8#

71 50.1 28.6 42.8#

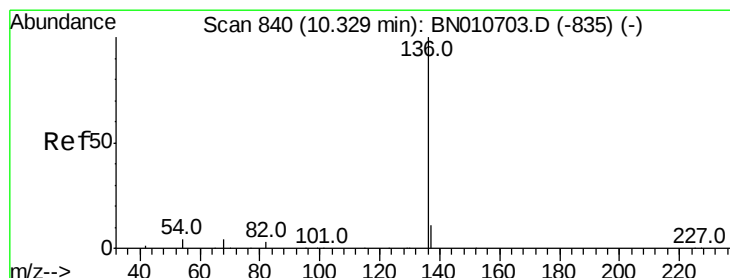
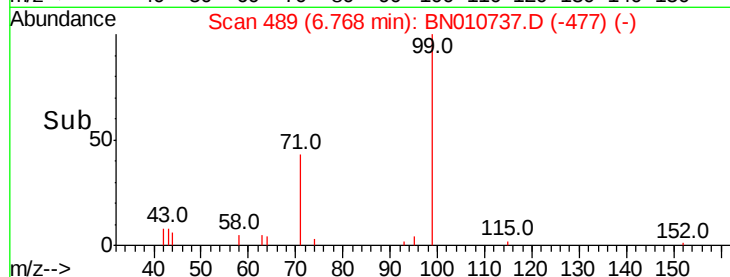
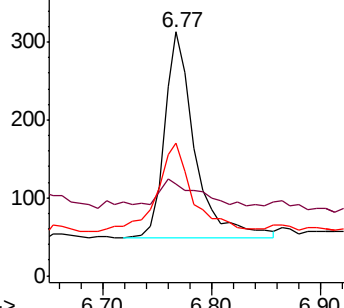


Abundance

Ion 99.00 (98.70 to 99.70): 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: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010737.D

Acq: 21 May 2020 21:10

Tgt Ion: 136 Resp: 12145

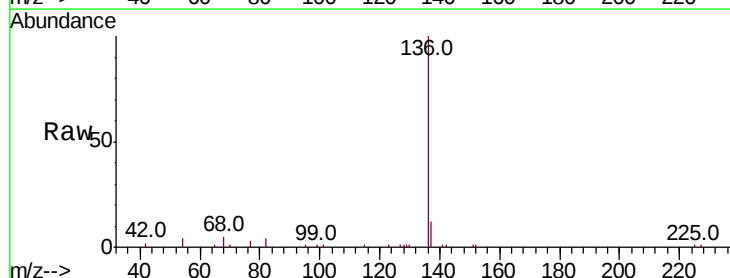
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 4.0 3.6 5.4

68 4.7 4.1 6.1



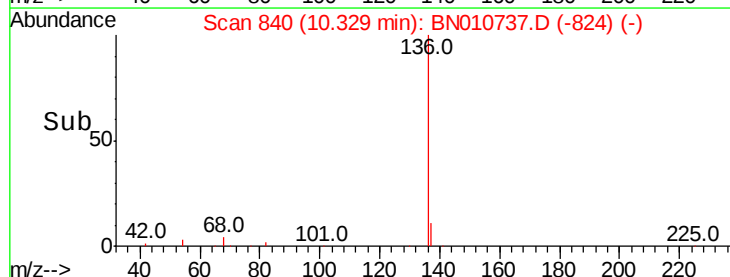
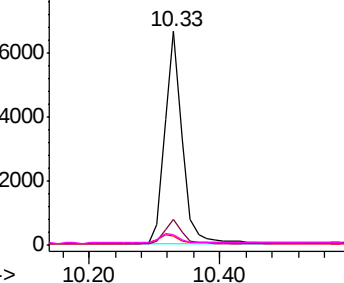
Abundance

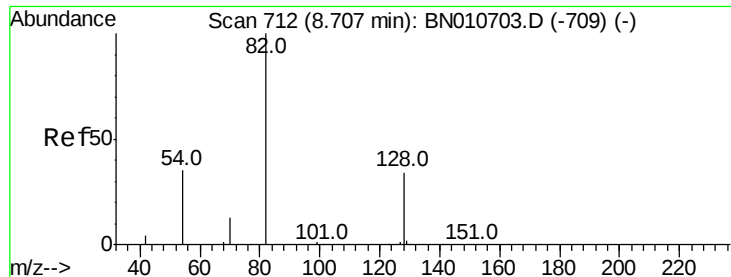
Ion 136.00 (135.70 to 136.70): BN0

Ion 137.00 (136.70 to 137.70): BN0

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

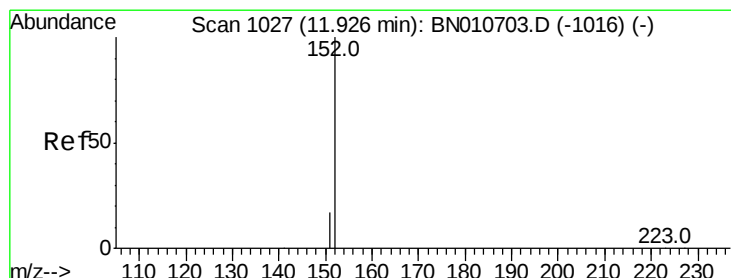
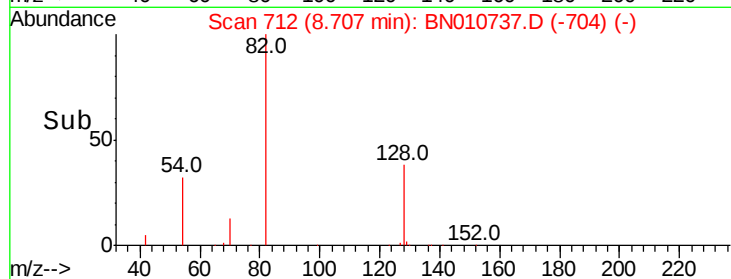
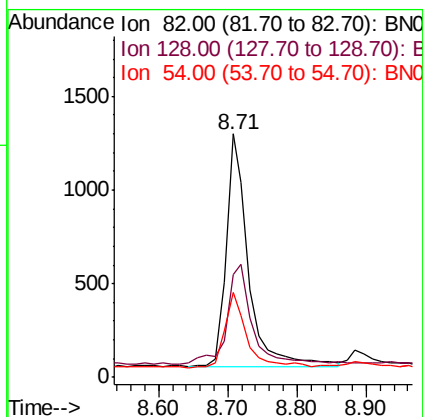
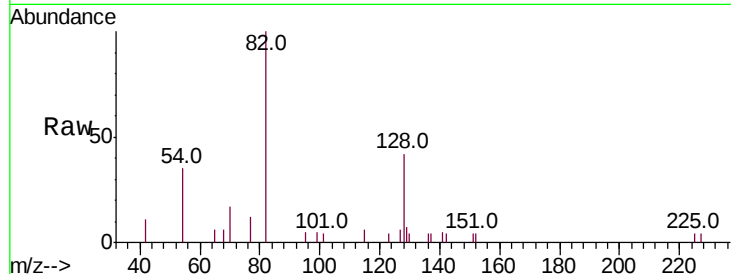




#8
 Nitrobenzene-d5
 Concen: 0.332 ng
 RT: 8.71 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BN010737.D
 Acq: 21 May 2020 21:10

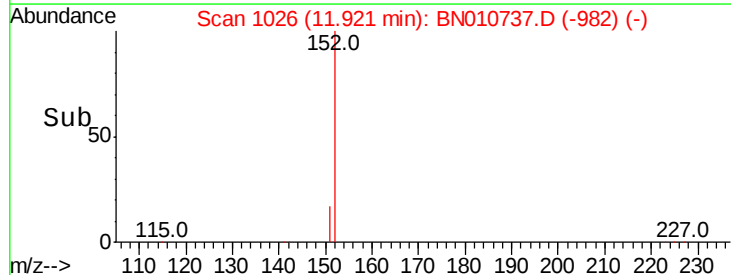
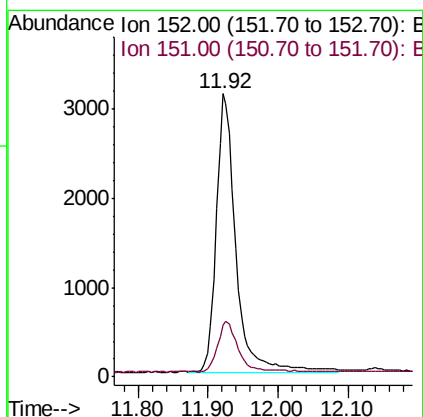
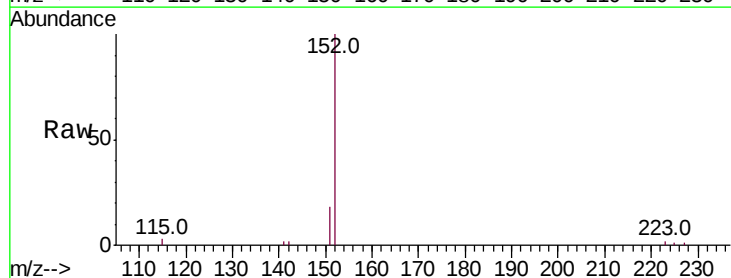
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200520

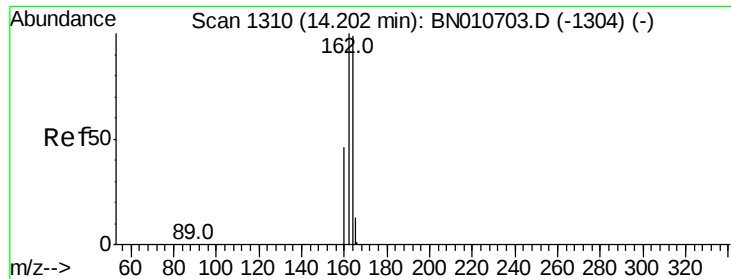
Tot Ion	82	Resp	2799
Ion Ratio	Lower	Upper	
82	100		
128	42.2	29.0	43.4
54	34.6	29.3	43.9



#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

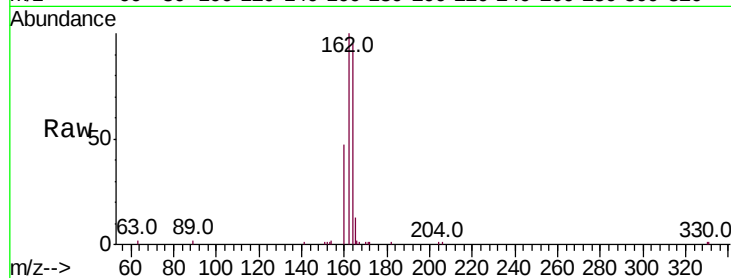
Tot Ion:164 Resp: 7454

Ion Ratio Lower Upper

164 100

162 104.8 81.1 121.7

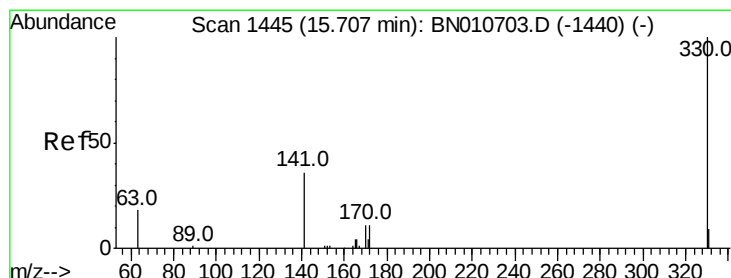
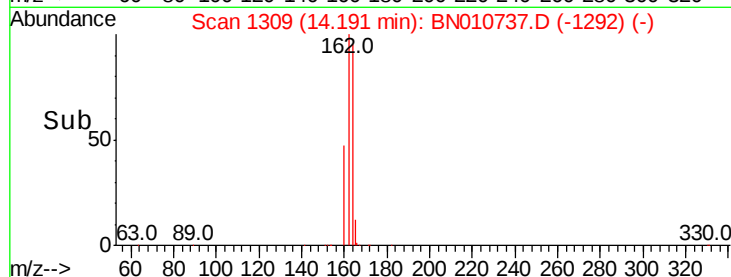
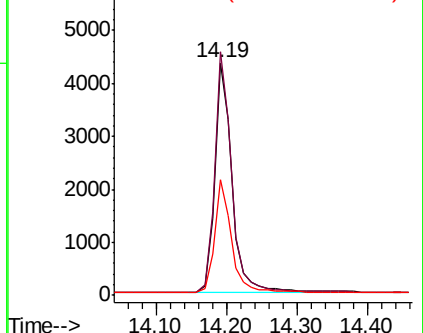
160 49.5 37.9 56.9



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

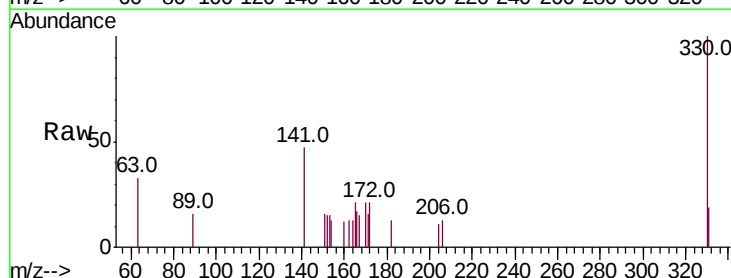
Tgt Ion:330 Resp: 823

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

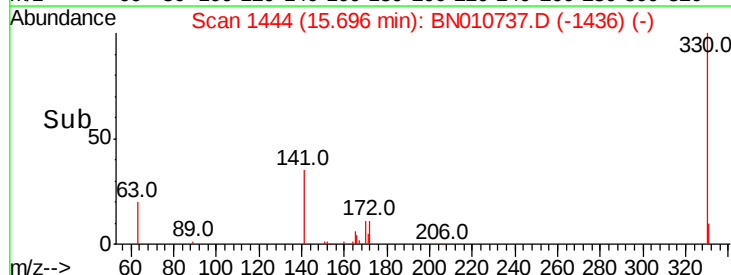
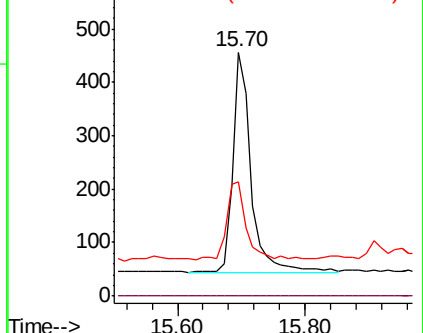
141 39.1 28.8 43.2

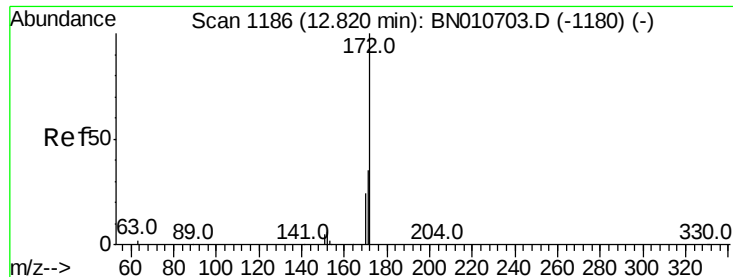


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

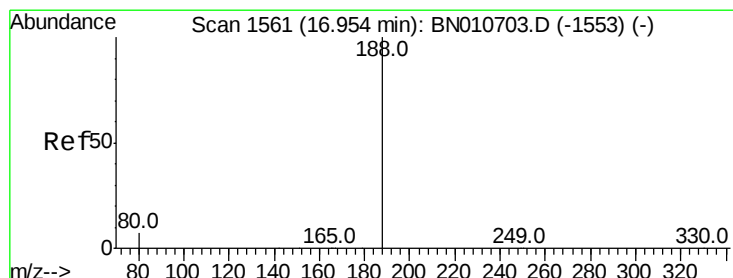
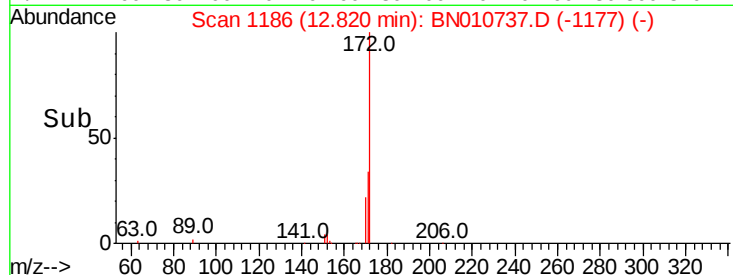
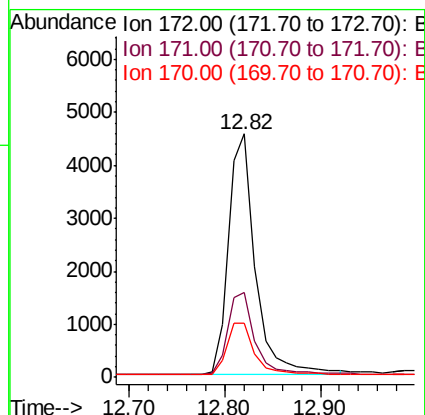
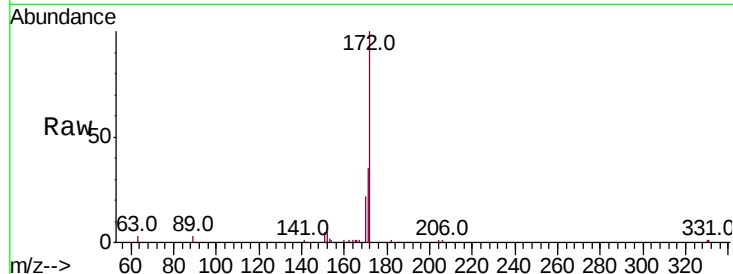




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010737.D
Acq: 21 May 2020 21:10

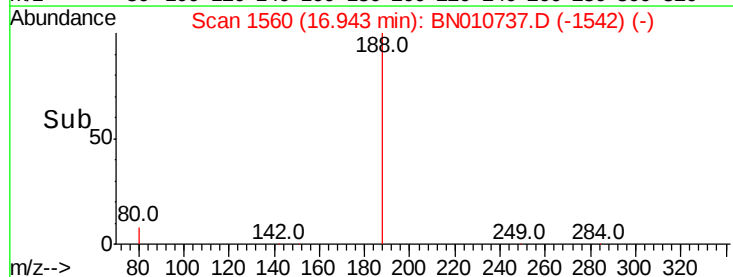
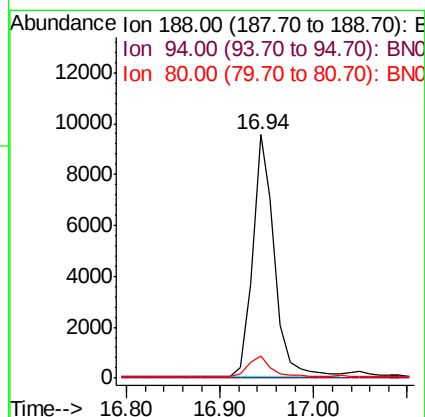
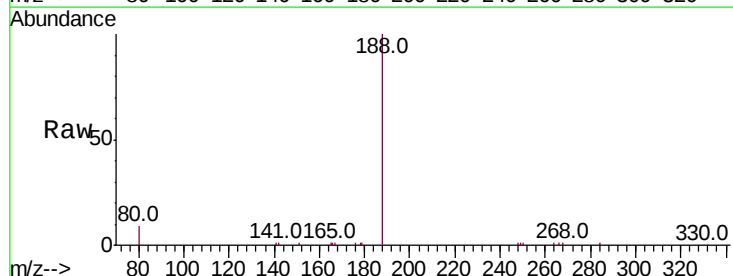
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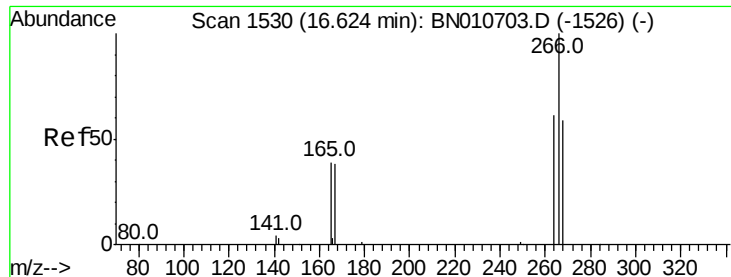
Tot Ion:172	Resp:	8961
Ion	Ratio	Lower Upper
172	100	
171	35.0	28.6 42.8
170	22.4	19.8 29.8



#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

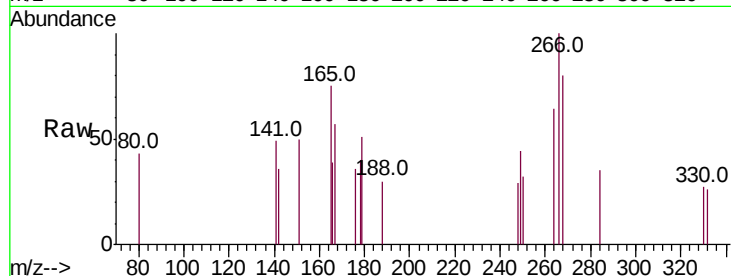




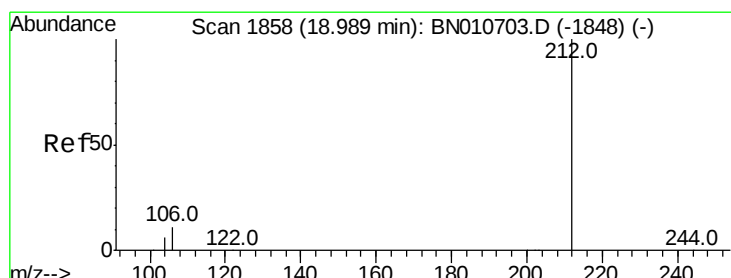
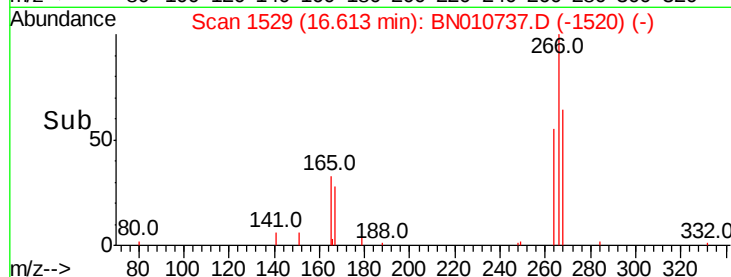
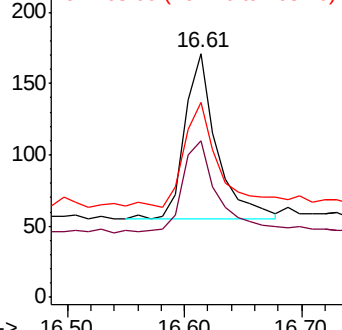
#22
 Pentachlorophenol
 Concen: 0.071 ng
 RT: 16.61 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BN010737.D
 Acq: 21 May 2020 21:10

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#

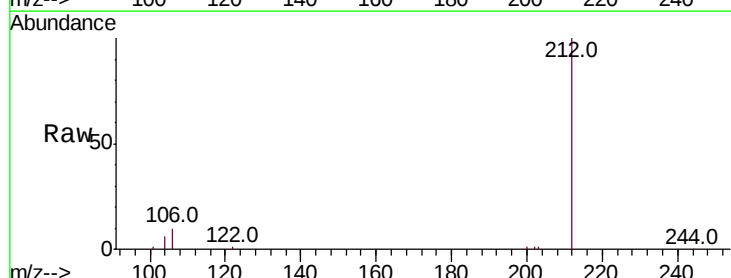


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

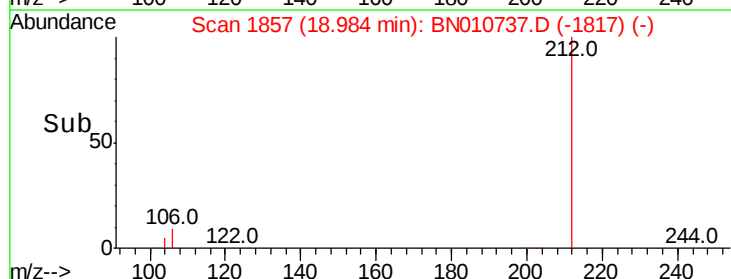
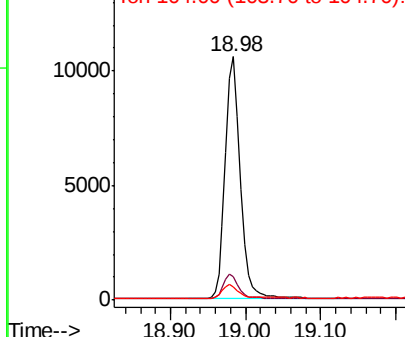


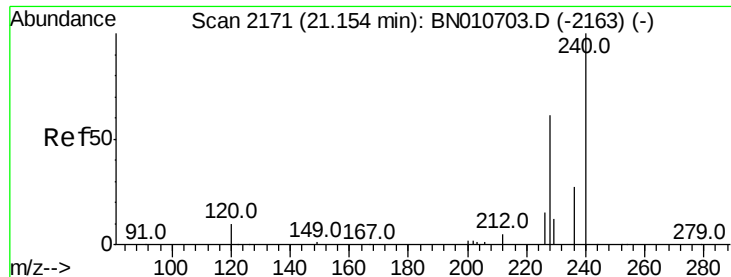
#25
 Fluoranthene-d10
 Concen: 0.358 ng
 RT: 18.98 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BN010737.D
 Acq: 21 May 2020 21:10

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

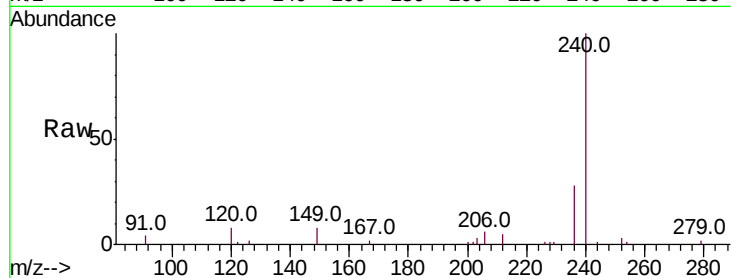
Tot Ion:240 Resp: 12520

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

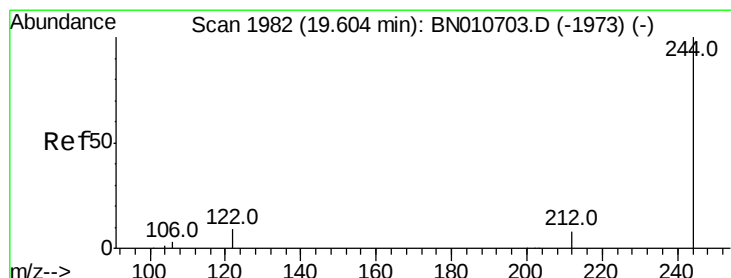
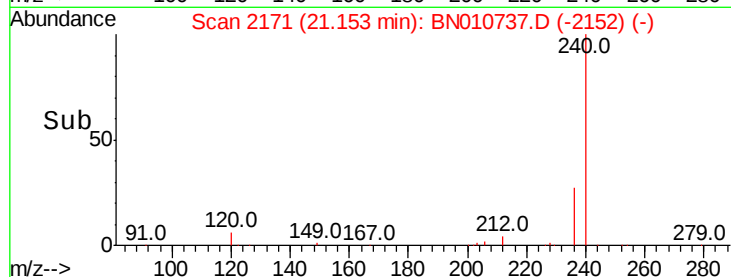
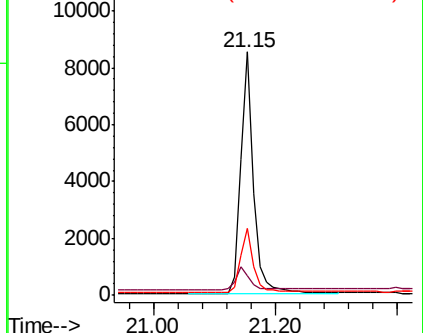
236 27.7 22.5 33.7



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

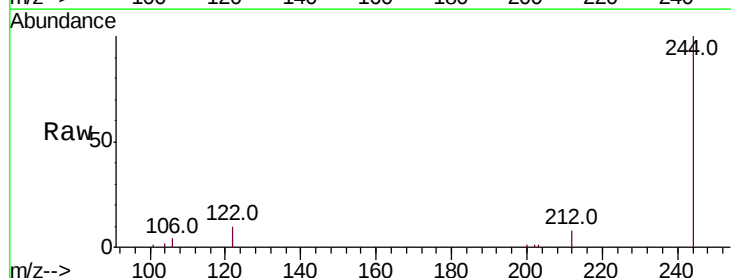
Tgt Ion:244 Resp: 11915

Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

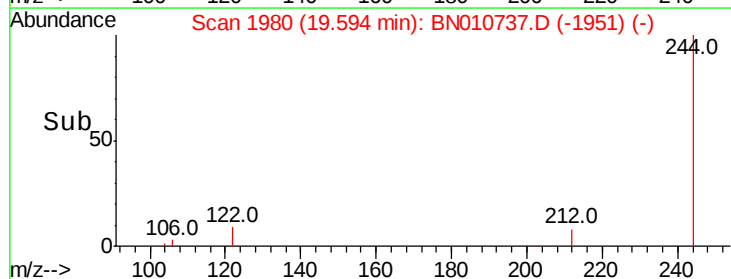
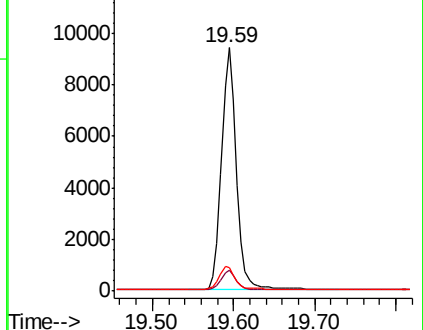
122 9.8 8.1 12.1

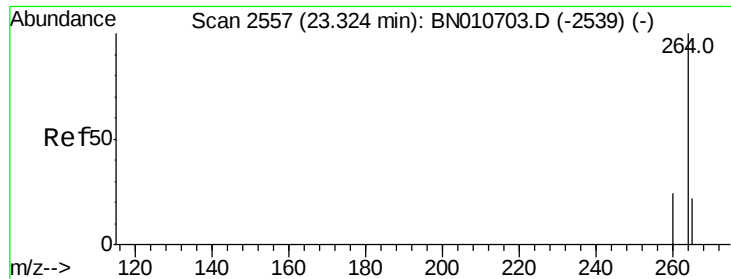


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

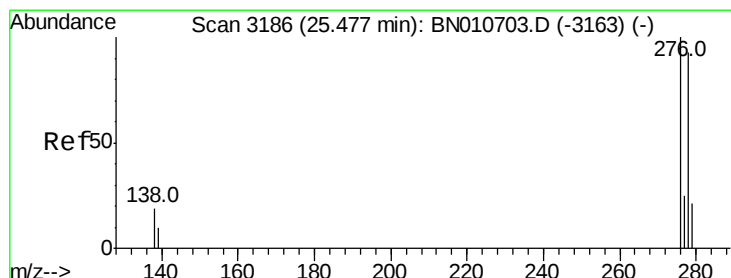
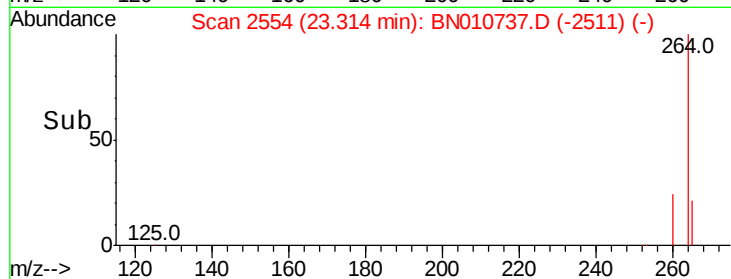
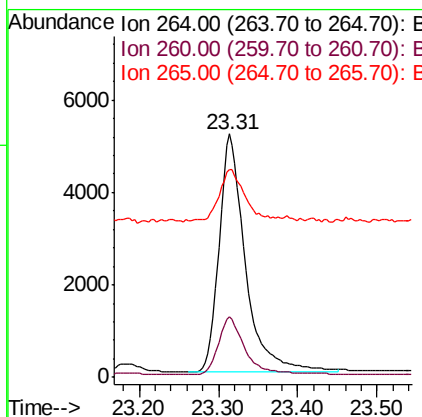
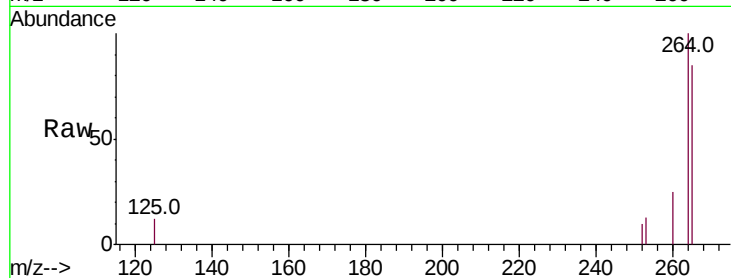




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.31 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BN010737.D
Acq: 21 May 2020 21:10

Instrument :
BNA_N
ClientSampleId :
KY038PS037-200520

Tot 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

Tgt Ion:278 Resp: 598
Ion Ratio Lower Upper
278 100
139 58.5 13.0 19.4#
279 127.6 25.1 37.7#

