

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052120\
 Data File : BN010738.D
 Acq On : 21 May 2020 21:46
 Operator : CG/JU
 Sample : L2732-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200520

Quant Time: May 22 04:58:14 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

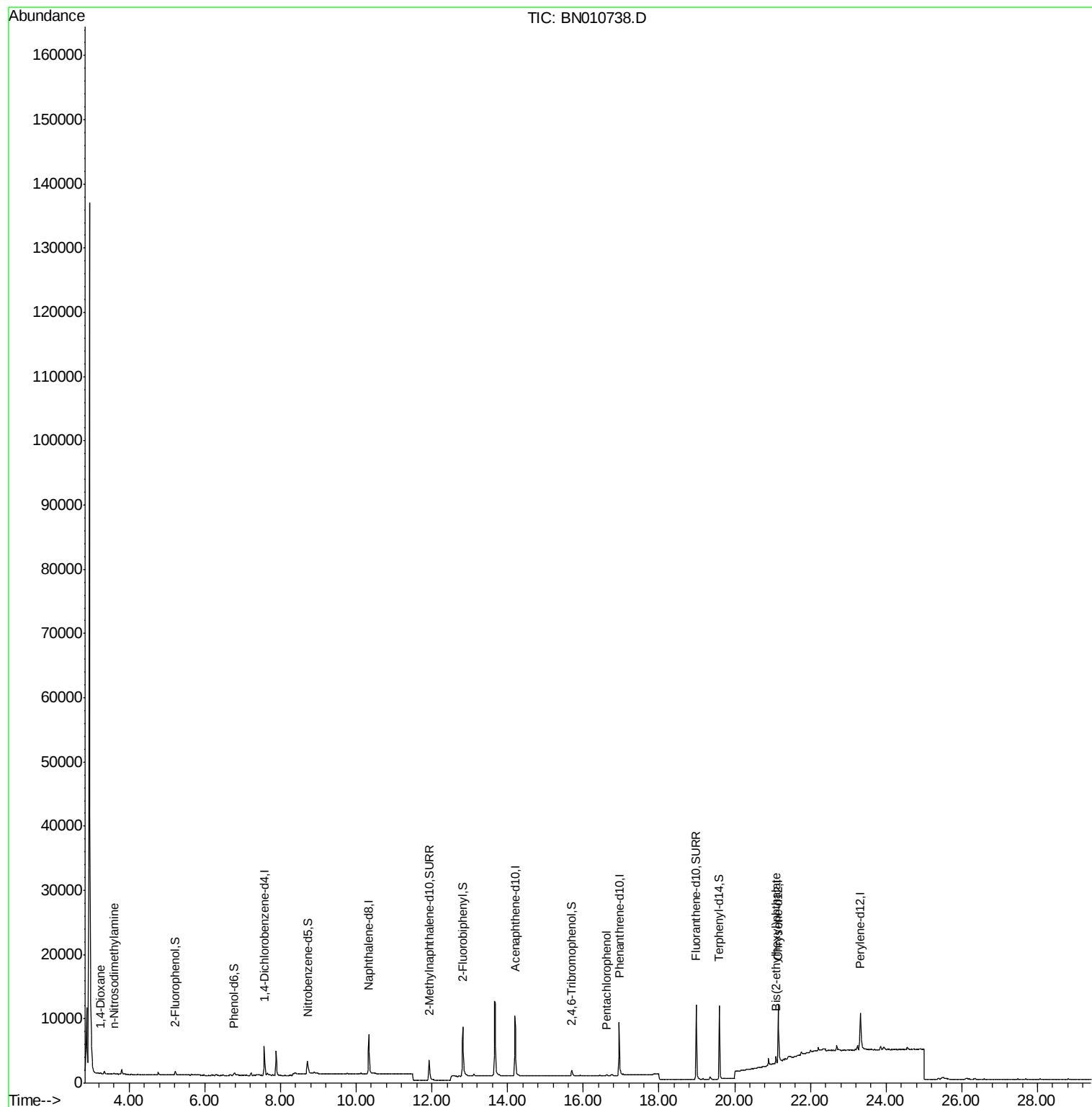
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2374	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	9708	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	6400	0.40	ng	-0.01
19) Phenanthrene-d10	16.94	188	13580	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	10632	0.40	ng	0.00
34) Perylene-d12	23.32	264	9825	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	711	0.15	ng	0.00
5) Phenol-d6	6.77	99	499	0.09	ng	0.00
8) Nitrobenzene-d5	8.72	82	2582	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	5654	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	815	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.82	172	8663	0.37	ng	0.00
25) Fluoranthene-d10	18.98	212	15729	0.43	ng	0.00
29) Terphenyl-d14	19.59	244	12335	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	82	0.040	ng	# 67
3) n-Nitrosodimethylamine	3.59	42	29	0.025	ng	# 24
22) Pentachlorophenol	16.61	266	136	0.049	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.09	149	1011	0.074	ng	# 99

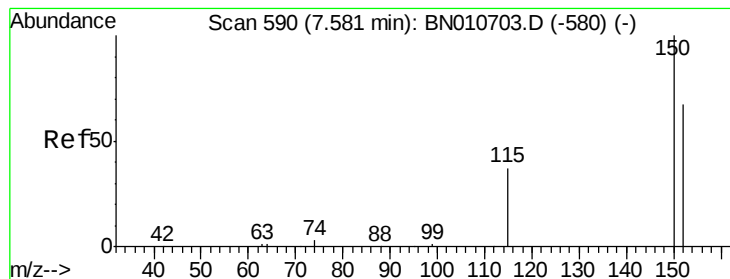
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. 0.00 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

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BNA_N

ClientSampleId :

KY038PS038-200520

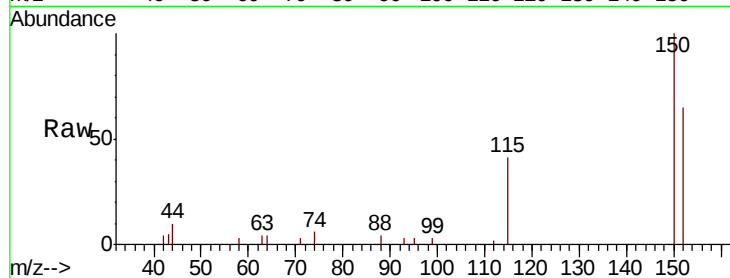
Tot Ion:152 Resp: 2374

Ion Ratio Lower Upper

152 100

150 153.2 119.4 179.0

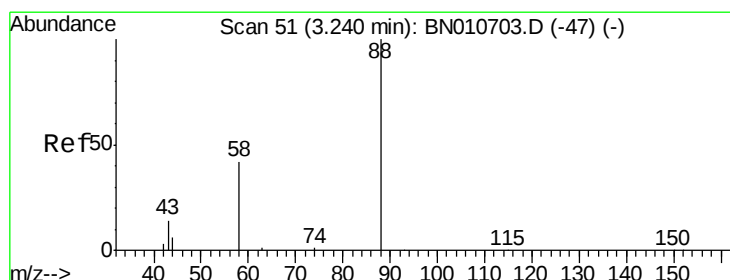
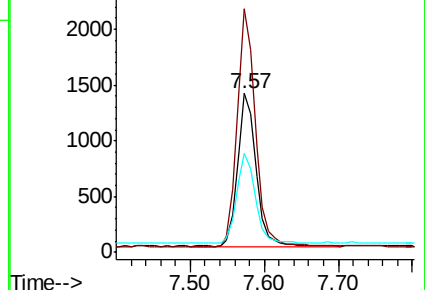
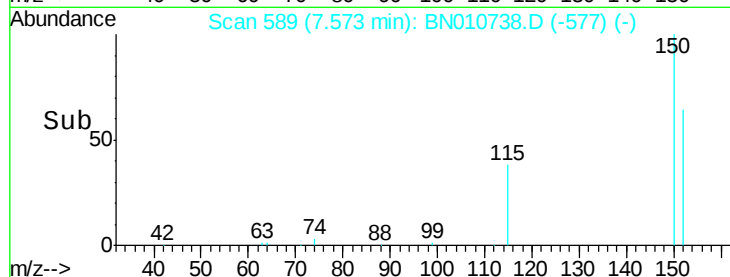
115 62.6 45.9 68.9



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: 0.040 ng

RT: 3.25 min Scan# 52

Delta R.T. 0.01 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

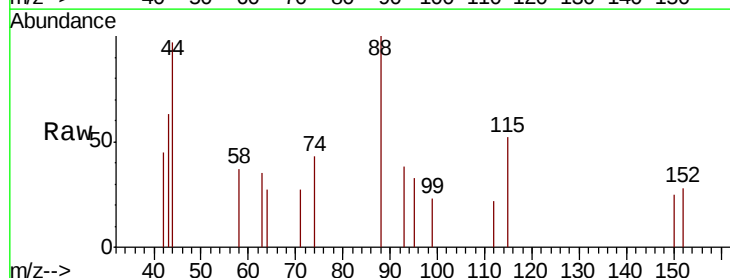
Tgt Ion: 88 Resp: 82

Ion Ratio Lower Upper

88 100

58 30.5 39.0 58.6#

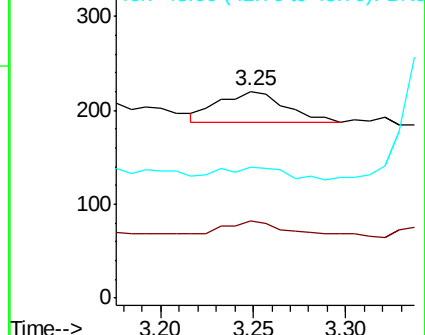
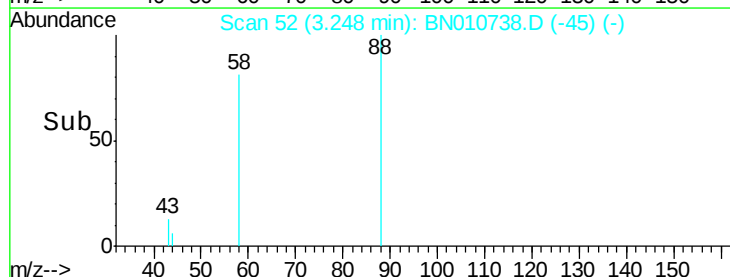
43 39.0 13.1 19.7#

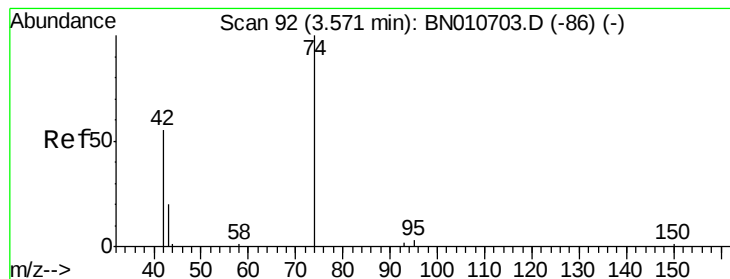


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.59 min Scan# 95

Delta R.T. 0.02 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200520

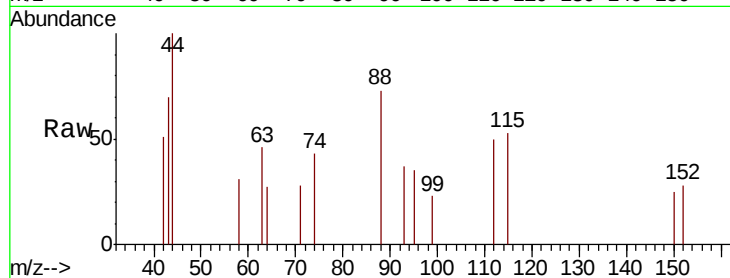
Tot Ion: 42 Resp: 29

Ion Ratio Lower Upper

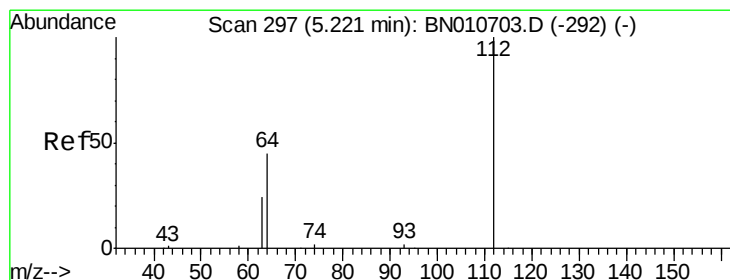
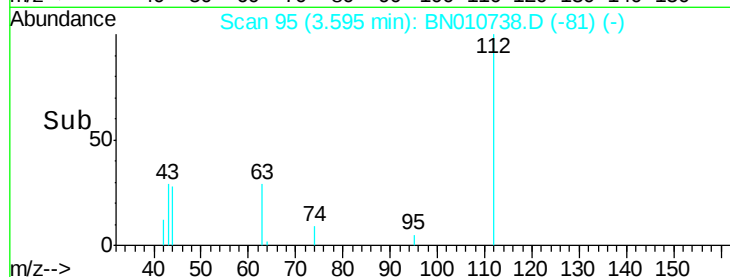
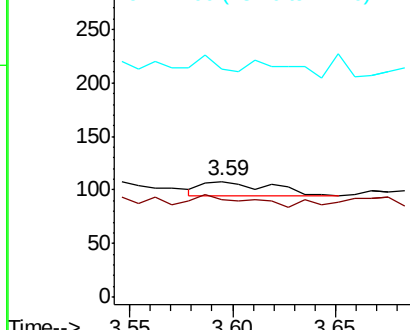
42 100

74 72.4 146.2 219.2#

44 0.0 3.0 4.4#



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



#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

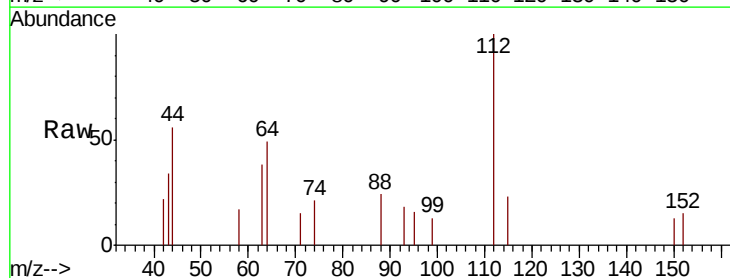
Tgt Ion: 112 Resp: 711

Ion Ratio Lower Upper

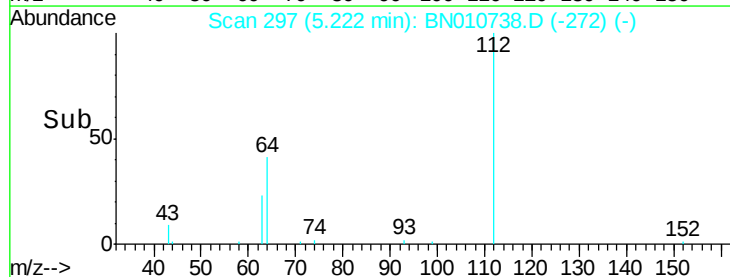
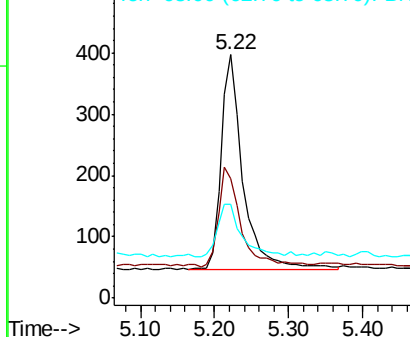
112 100

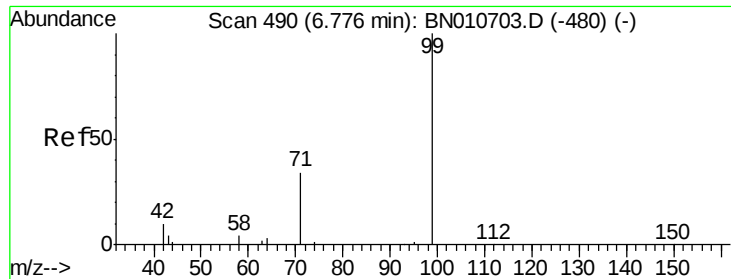
64 48.1 36.2 54.4

63 26.3 19.8 29.8



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: 0.088 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200520

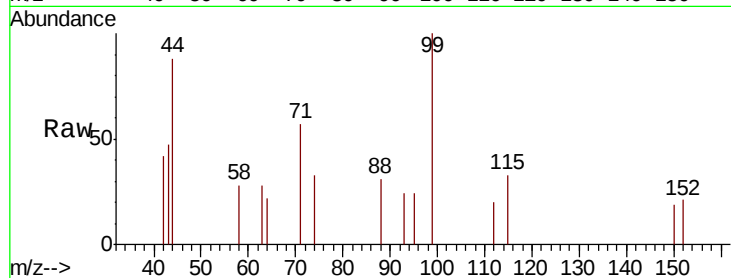
Tot Ion: 99 Resp: 499

Ion Ratio Lower Upper

99 100

42 15.6 9.8 14.8#

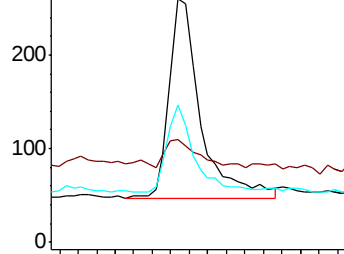
71 38.9 28.6 42.8



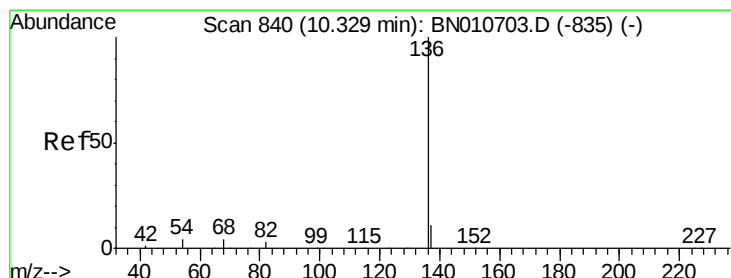
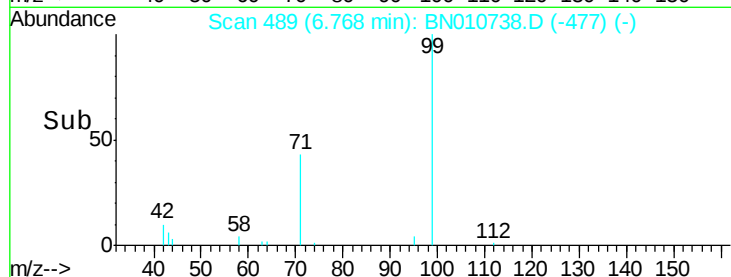
Abundance Ion 99.00 (98.70 to 99.70): BN010738.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN010738.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN010738.D (-480) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

Tgt Ion: 136 Resp: 9708

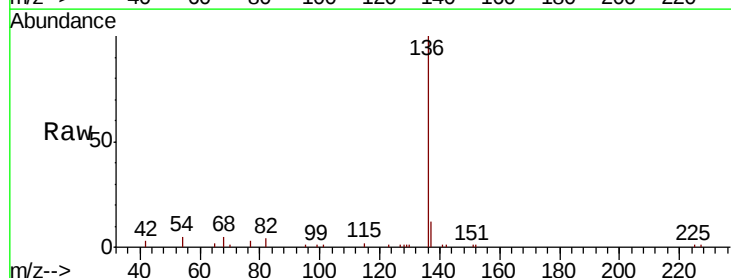
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 4.7 3.6 5.4

68 5.4 4.1 6.1

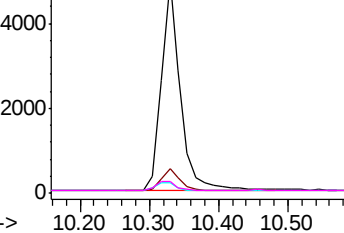


Abundance Ion 136.00 (135.70 to 136.70): BN010738.D (-835) (-)

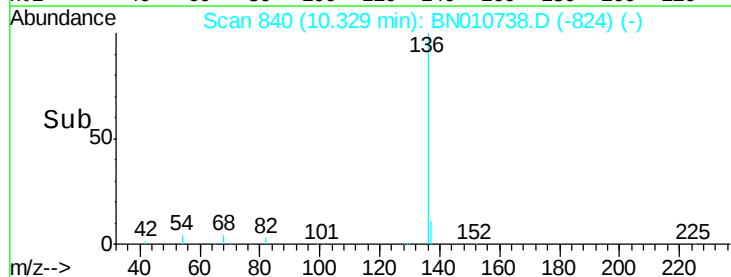
Ion 137.00 (136.70 to 137.70): BN010738.D (-835) (-)

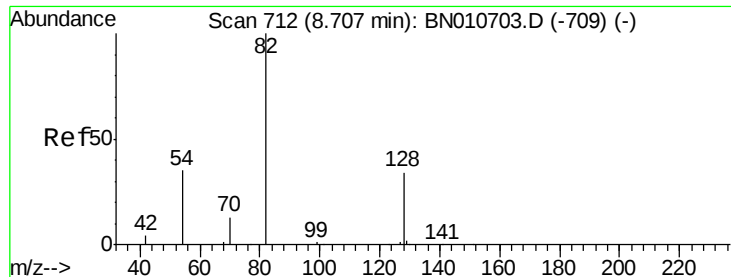
Ion 54.00 (53.70 to 54.70): BN010738.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN010738.D (-835) (-)



Time-->

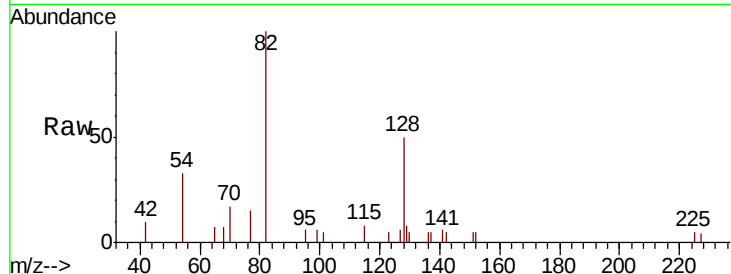




#8
 Nitrobenzene-d5
 Concen: 0.383 ng
 RT: 8.72 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BN010738.D
 Acq: 21 May 2020 21:46

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200520

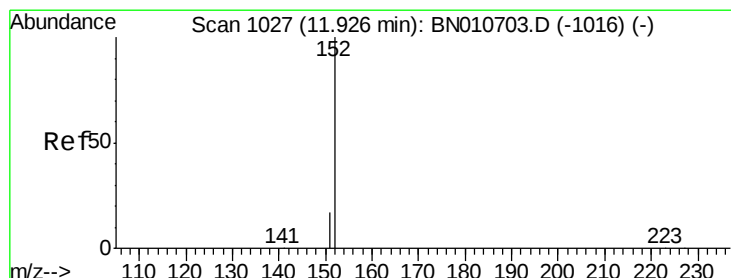
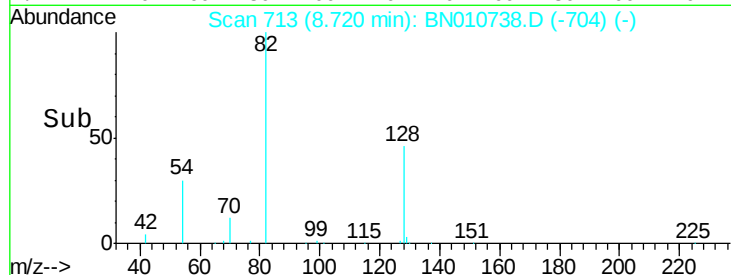
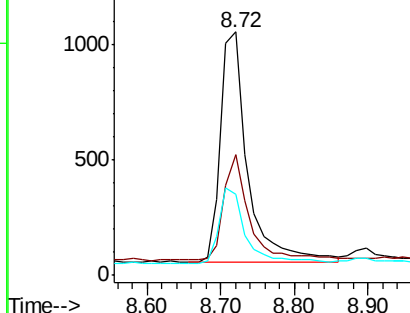
Tot Ion	82	Resp	2582
Ion Ratio	Lower	Upper	
82	100		
128	49.5	29.0	43.4#
54	33.0	29.3	43.9



Abundance Ion 82.00 (81.70 to 82.70): BN010738.D (-704) (-)

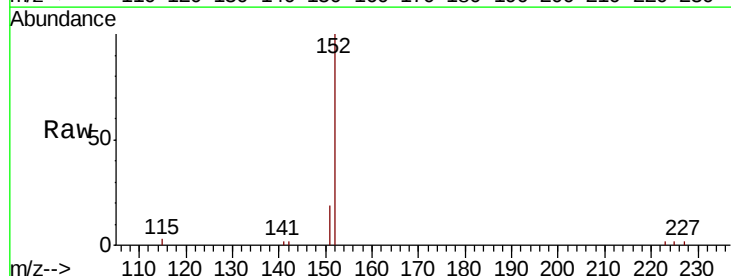
Ion 128.00 (127.70 to 128.70): BN010738.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN010738.D (-704) (-)



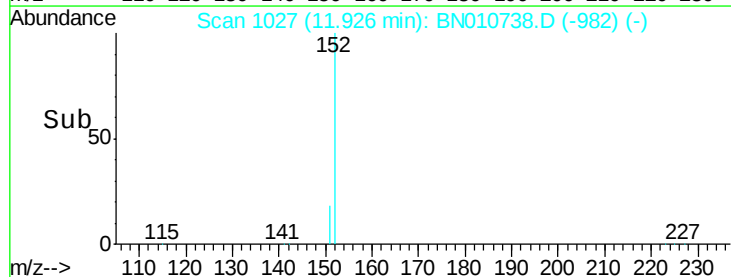
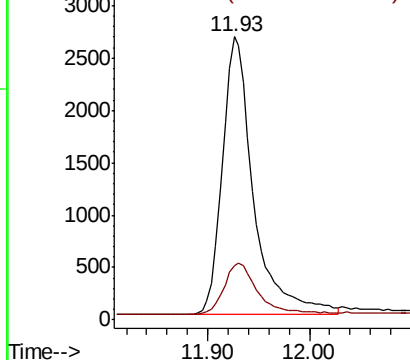
#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 11.93 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BN010738.D
 Acq: 21 May 2020 21:46

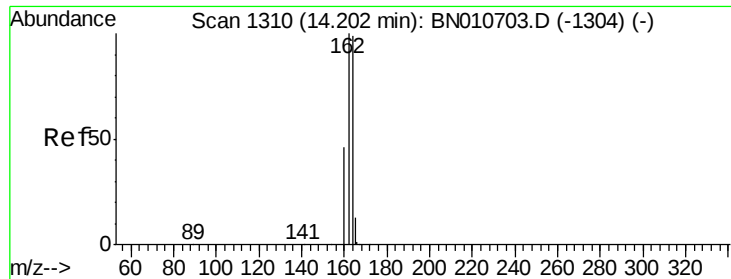
Tgt Ion	152	Resp	5654
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.0	22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010738.D (-982) (-)

Ion 151.00 (150.70 to 151.70): BN010738.D (-982) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

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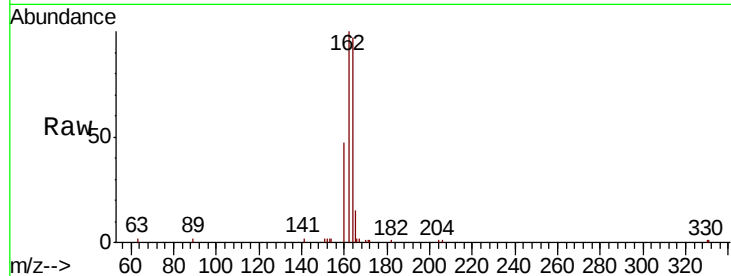
Tot Ion:164 Resp: 6400

Ion Ratio Lower Upper

164 100

162 103.5 81.1 121.7

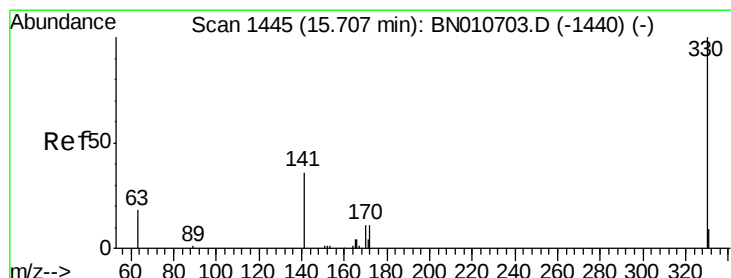
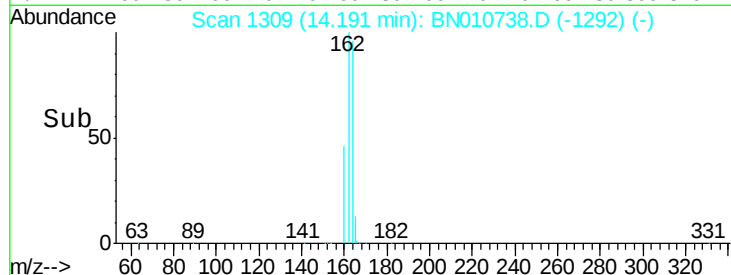
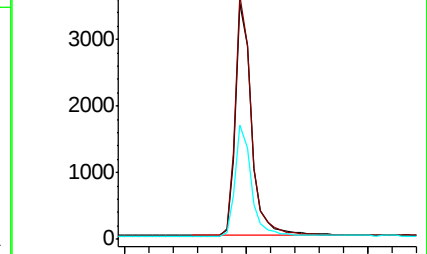
160 48.8 37.9 56.9



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: 0.351 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

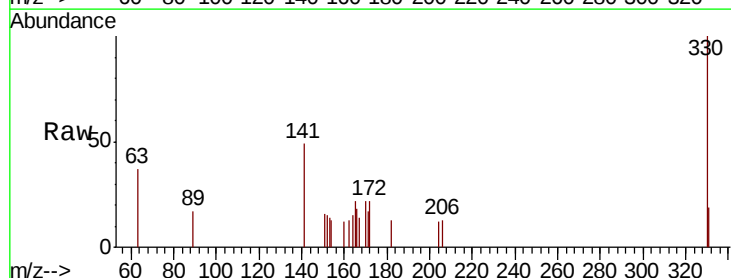
Tgt Ion:330 Resp: 815

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

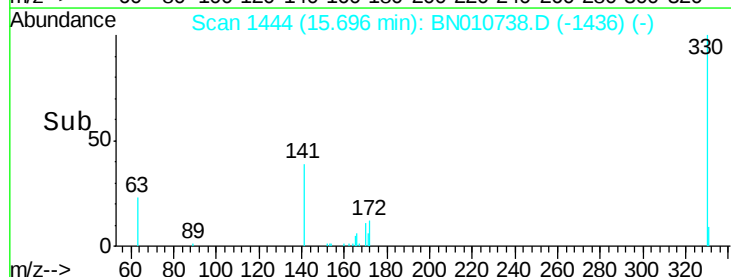
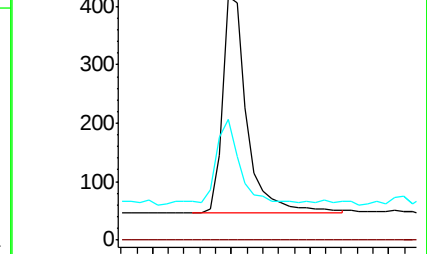
141 37.8 28.8 43.2

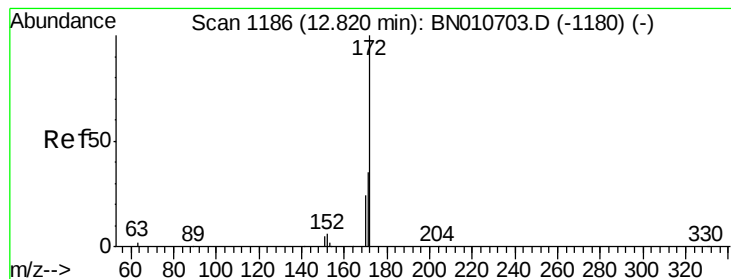


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.369 ng

RT: 12.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BN010738.D

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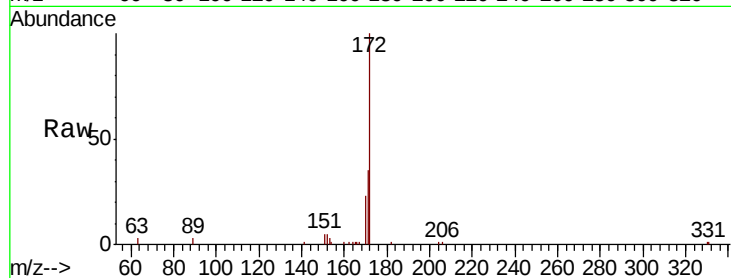
Tot Ion:172 Resp: 8663

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

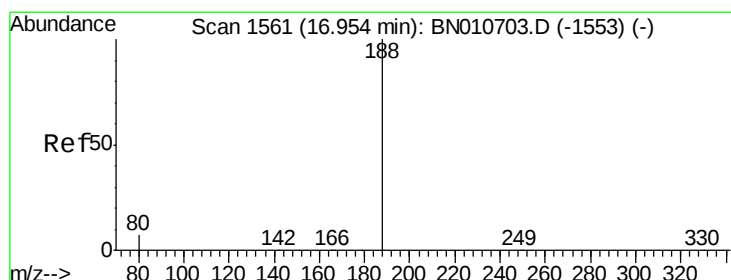
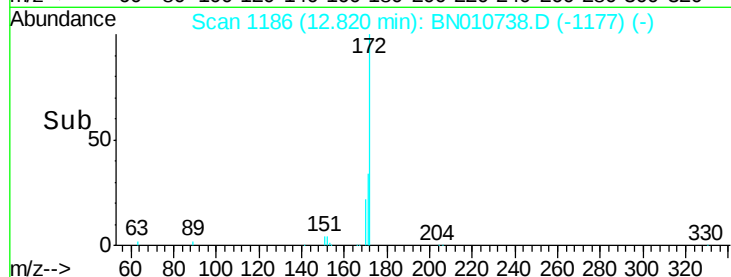
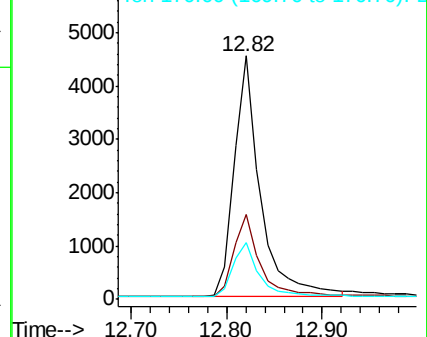
170 23.2 19.8 29.8



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: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

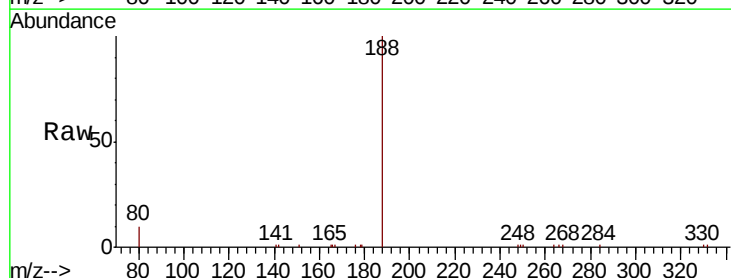
Tgt Ion:188 Resp: 13580

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

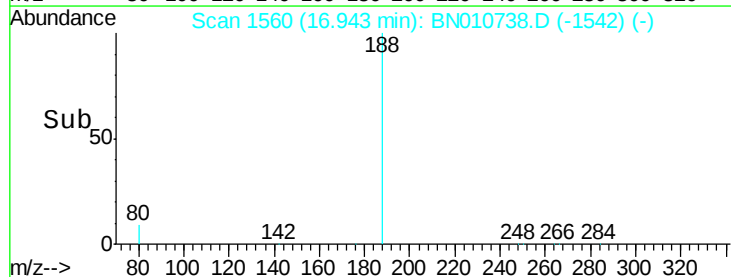
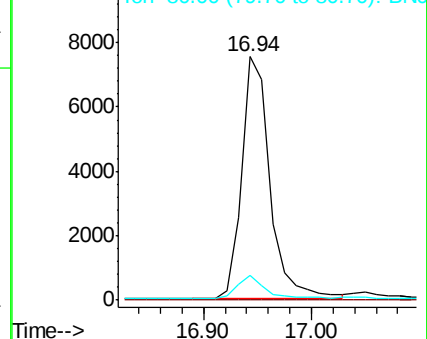
80 10.2 6.3 9.5#

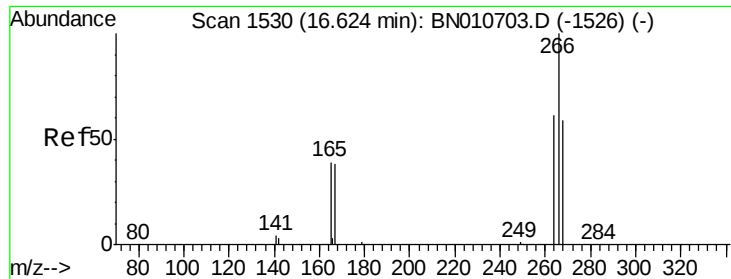


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#22

Pentachlorophenol

Concen: 0.049 ng

RT: 16.61 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BN010738.D

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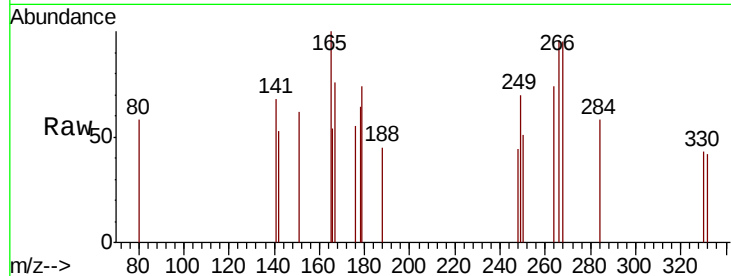
Tot Ion:266 Resp: 136

Ion Ratio Lower Upper

266 100

264 76.5 51.1 76.7

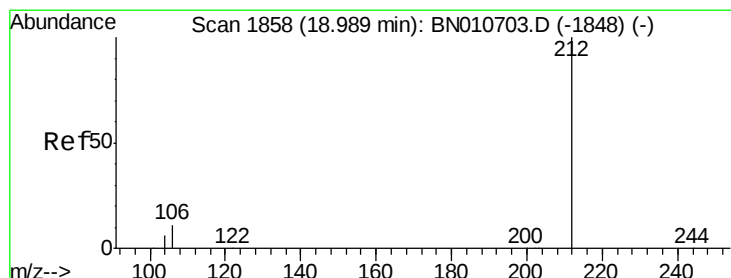
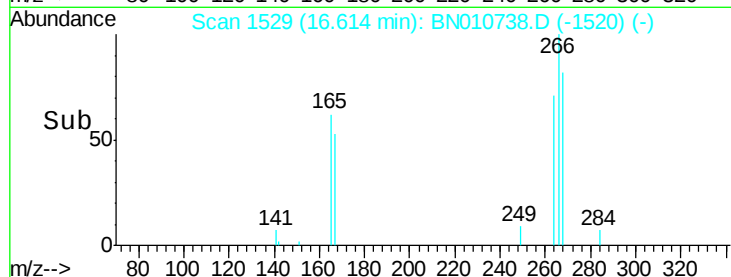
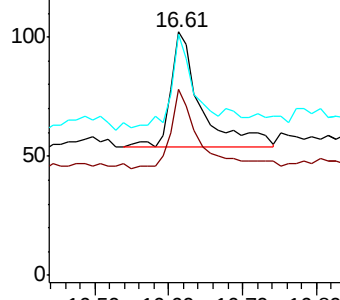
268 99.0 52.1 78.1#



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: 0.427 ng

RT: 18.98 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

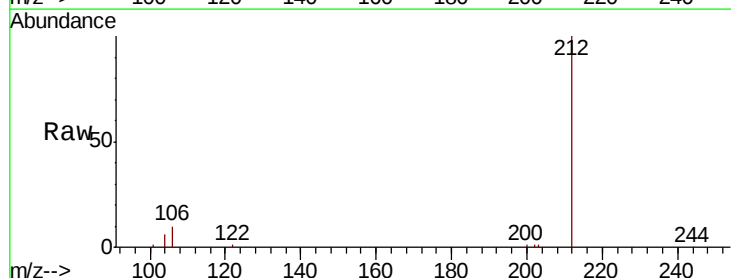
Tgt Ion:212 Resp: 15729

Ion Ratio Lower Upper

212 100

106 9.8 8.2 12.2

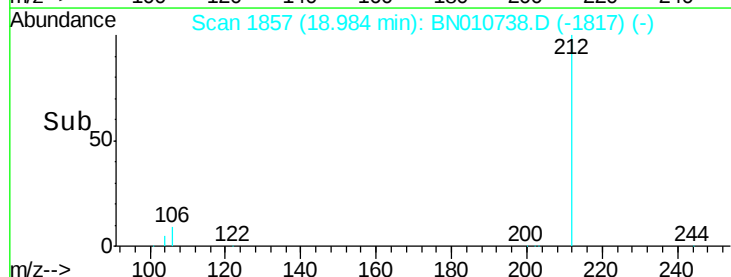
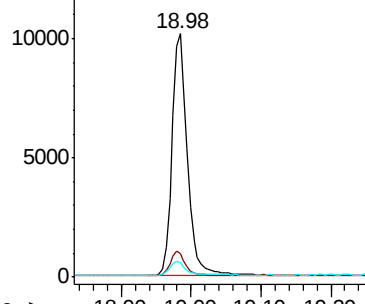
104 5.6 4.7 7.1

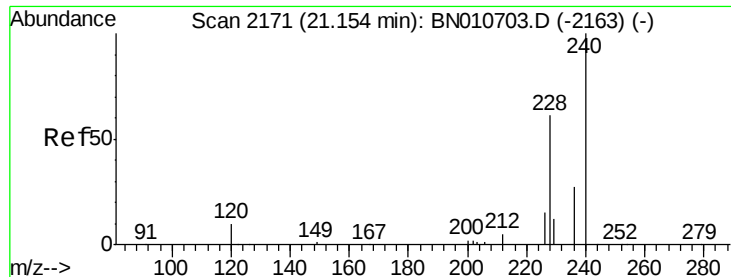


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

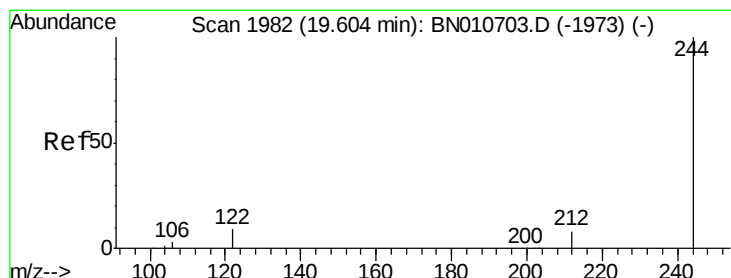
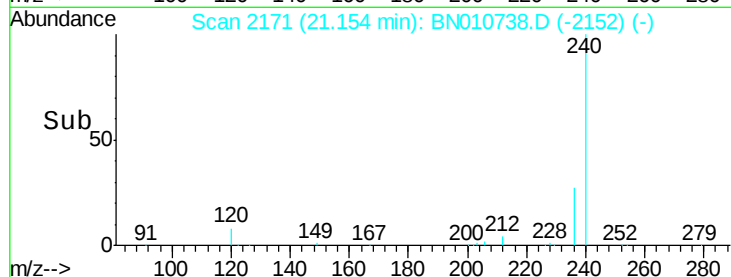
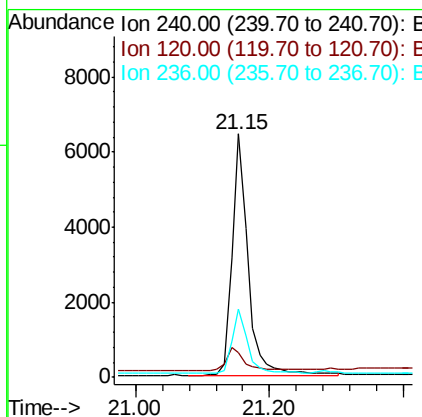
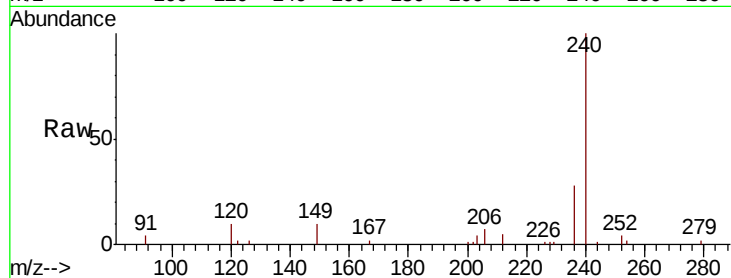




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010738.D
Acq: 21 May 2020 21:46

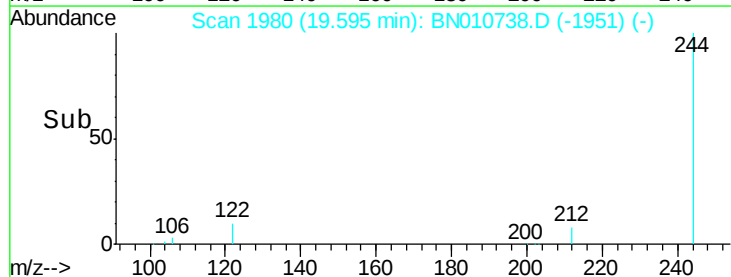
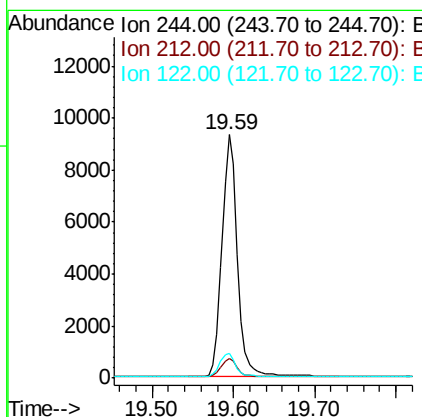
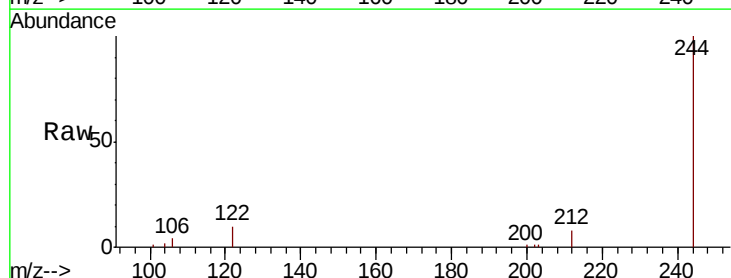
Instrument :
BNA_N
ClientSampleId :
KY038PS038-200520

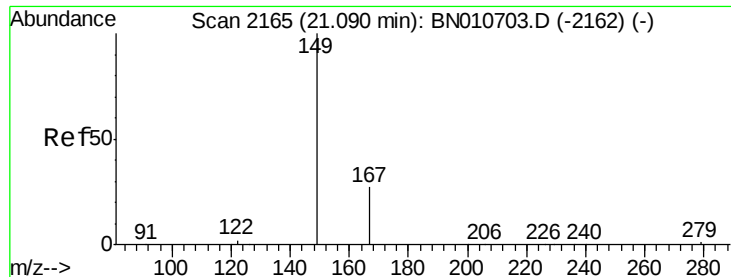
Tot Ion:240 Resp: 10632
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 27.9 22.5 33.7



#29
Terphenyl-d14
Concen: 0.489 ng
RT: 19.59 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BN010738.D
Acq: 21 May 2020 21:46

Tgt Ion:244 Resp: 12335
Ion Ratio Lower Upper
244 100
212 8.3 6.8 10.2
122 10.2 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.074 ng

RT: 21.09 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200520

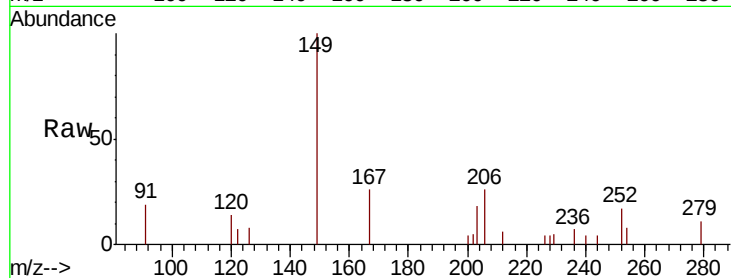
Tot Ion:149 Resp: 1011

Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

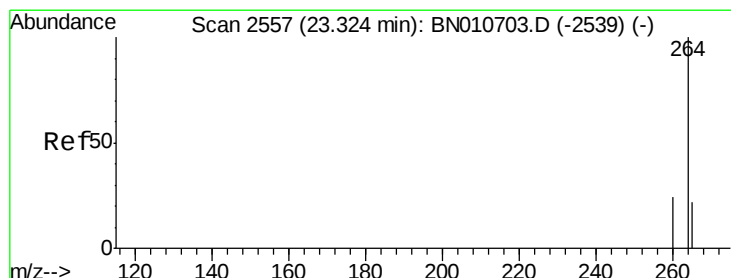
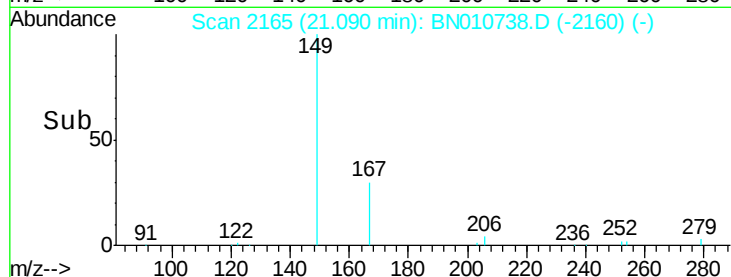
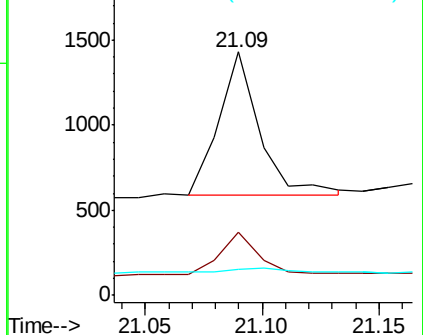
279 4.0 4.1 6.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BN010738.D

Acq: 21 May 2020 21:46

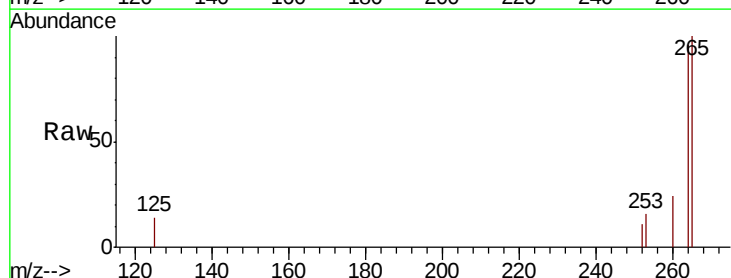
Tgt Ion:264 Resp: 9825

Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

265 103.8 70.1 105.1



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

