

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051420\
 Data File : BN010715.D
 Acq On : 14 May 2020 16:56
 Operator : CG/JU
 Sample : PB128767BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128767BL

Quant Time: May 14 18:44:03 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 14 12:56:11 2020
 Response via : Initial Calibration

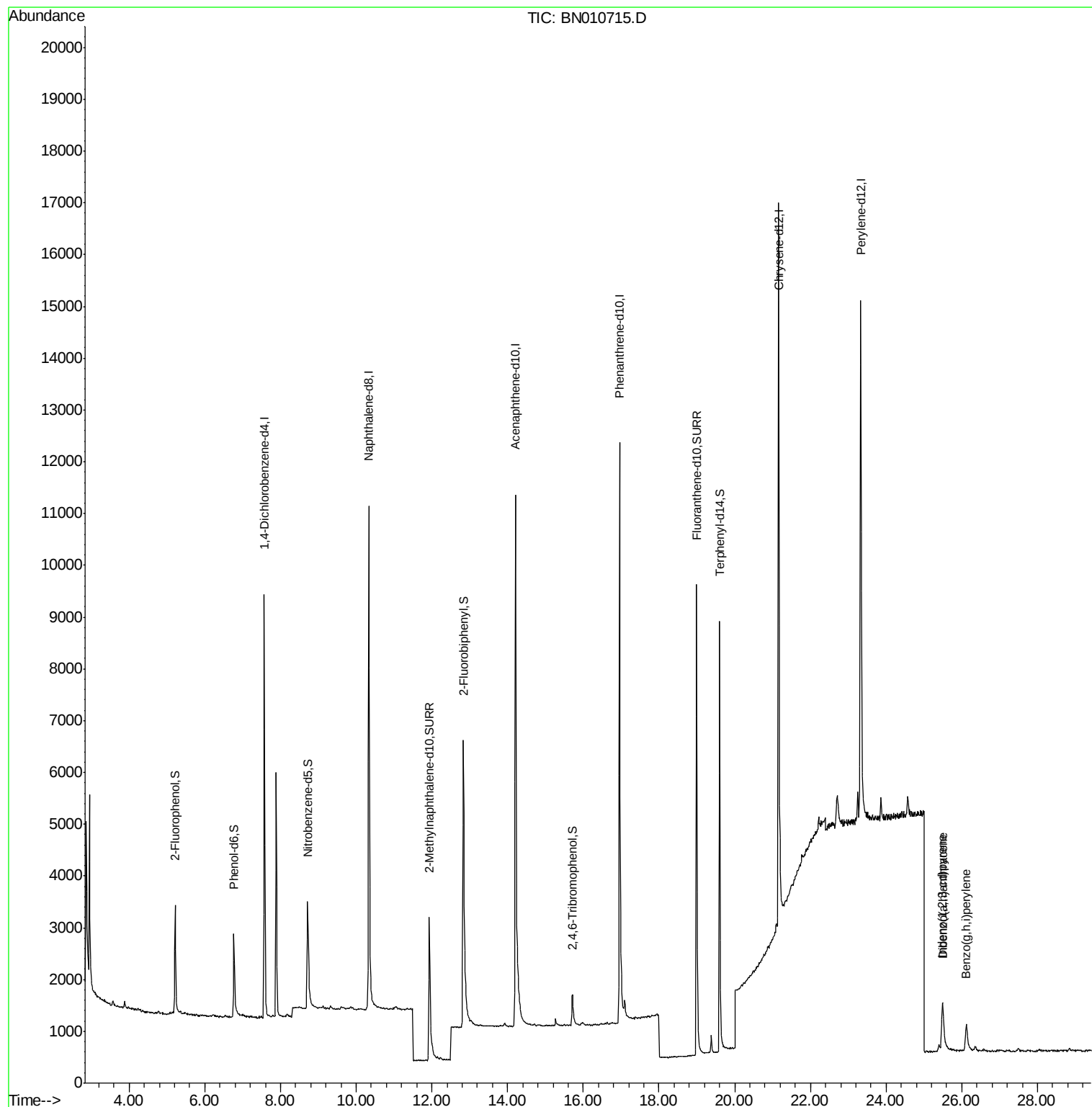
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4337	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	16219	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	9928	0.40	ng	0.01
19) Phenanthrene-d10	16.95	188	21768	0.40	ng	0.00
27) Chrysene-d12	21.16	240	17393	0.40	ng	0.01
34) Perylene-d12	23.33	264	16602	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2326	0.27	ng	0.00
5) Phenol-d6	6.77	99	2565	0.25	ng	0.00
8) Nitrobenzene-d5	8.72	82	2845	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	6228	0.24	ng	0.01
14) 2,4,6-Tribromophenol	15.72	330	799	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.83	172	8639	0.24	ng	0.01
25) Fluoranthene-d10	18.99	212	13508	0.23	ng	0.00
29) Terphenyl-d14	19.60	244	10628	0.26	ng	0.00
Target Compounds						
33) Indeno(1,2,3-cd)pyrene	25.49	276	1367	0.027	ng	# 86
38) Dibenzo(a,h)anthracene	25.50	278	1444	0.036	ng	# 40
39) Benzo(g,h,i)perylene	26.12	276	1452	0.031	ng	# 69

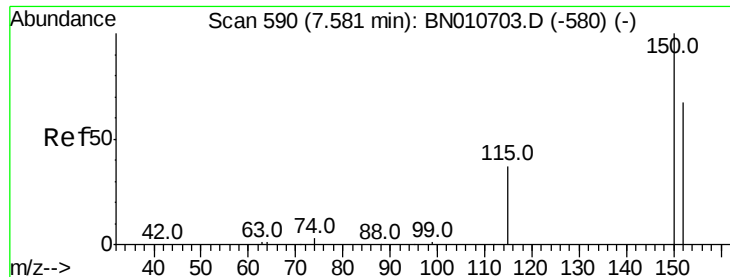
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051420\
Data File : BN010715.D
Acq On : 14 May 2020 16:56
Operator : CG/JU
Sample : PB128767BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB128767BL

Quant Time: May 14 18:44:03 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 14 12:56:11 2020
Response via : Initial Calibration



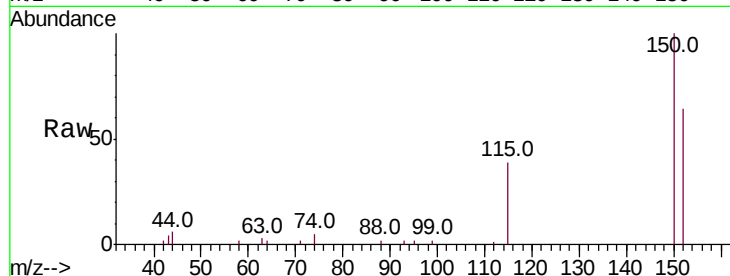


#1

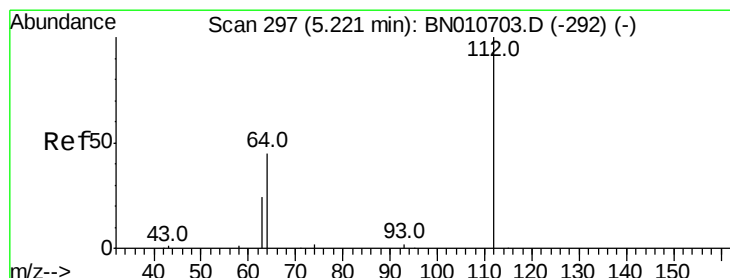
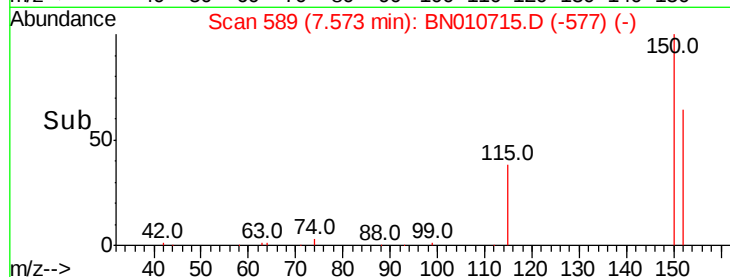
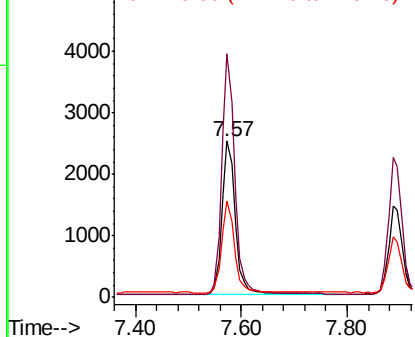
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN010715.D
Acq: 14 May 2020 16:56

Instrument :
BNA_N
ClientSampleId :
PB128767BL

Tot Ion:152 Resp: 4337
Ion Ratio Lower Upper
152 100
150 155.8 119.4 179.0
115 61.4 45.9 68.9



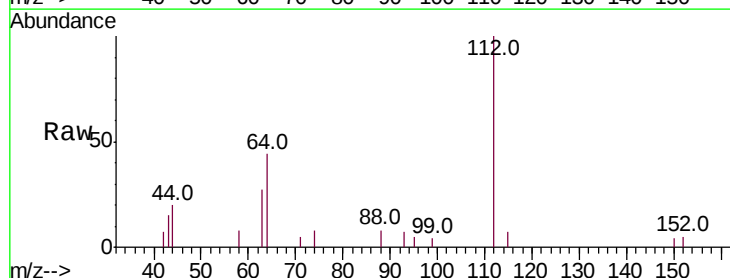
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



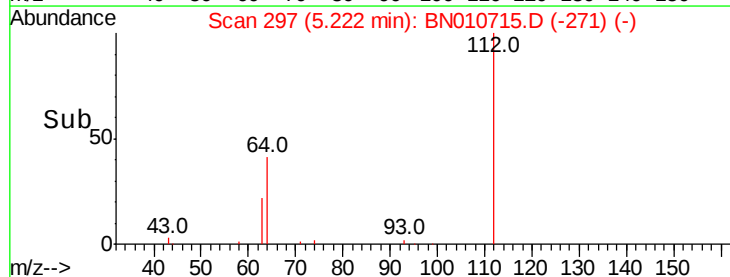
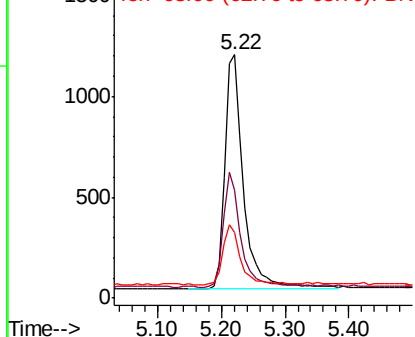
#4

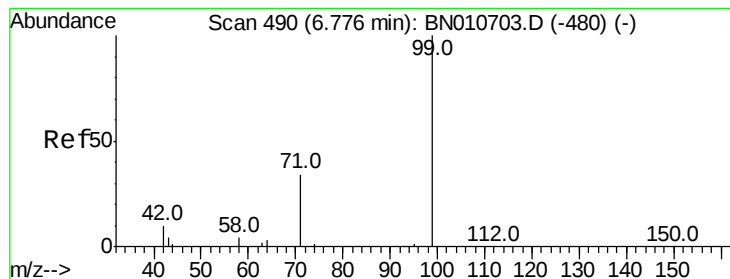
2-Fluorophenol
Concen: 0.274 ng
RT: 5.22 min Scan# 297
Delta R.T. 0.01 min
Lab File: BN010715.D
Acq: 14 May 2020 16:56

Tgt Ion:112 Resp: 2326
Ion Ratio Lower Upper
112 100
64 46.0 36.2 54.4
63 24.8 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: 0.247 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

Instrument :

BNA_N

ClientSampleId :

PB128767BL

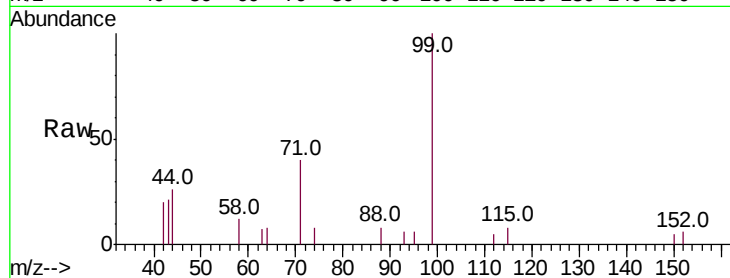
Tot Ion: 99 Resp: 2565

Ion Ratio Lower Upper

99 100

42 10.9 9.8 14.8

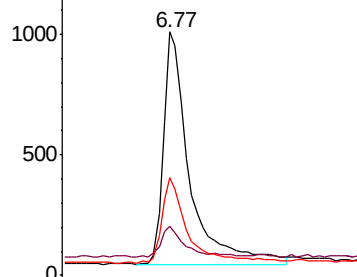
71 34.9 28.6 42.8



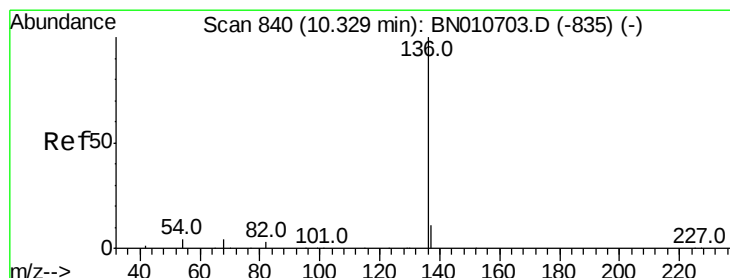
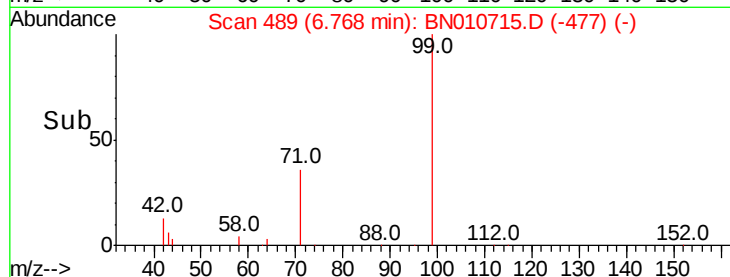
Abundance Ion 99.00 (98.70 to 99.70): BN010703.D (-480) (-)

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

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



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

Tgt Ion: 136 Resp: 16219

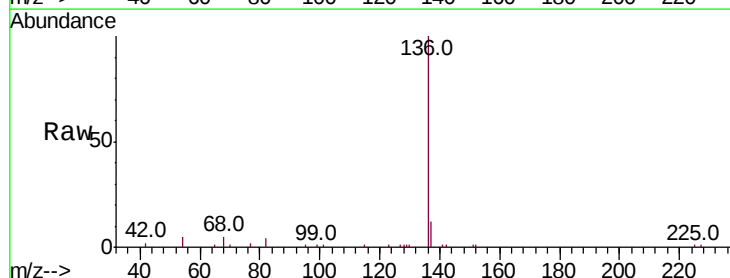
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.6 3.6 5.4

68 5.5 4.1 6.1

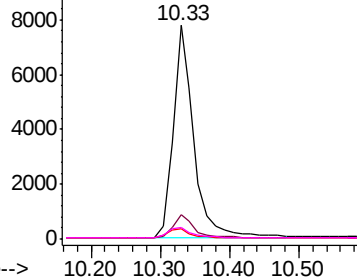


Abundance Ion 136.00 (135.70 to 136.70): BN010703.D (-835) (-)

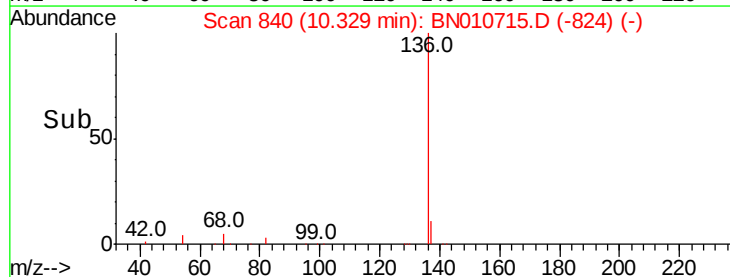
Ion 137.00 (136.70 to 137.70): BN010703.D (-835) (-)

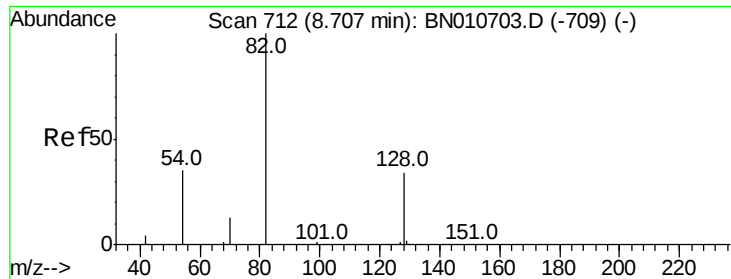
Ion 54.00 (53.70 to 54.70): BN010703.D (-835) (-)

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



Time-->

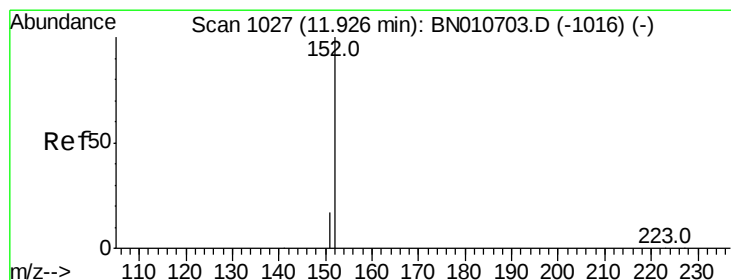
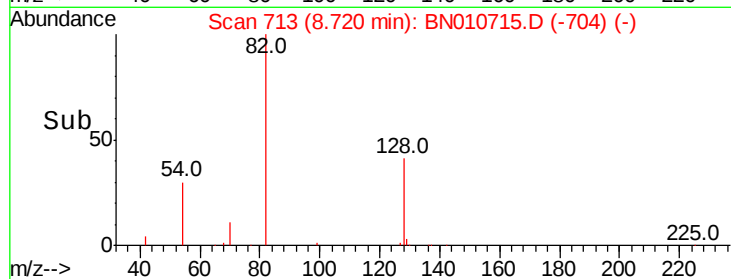
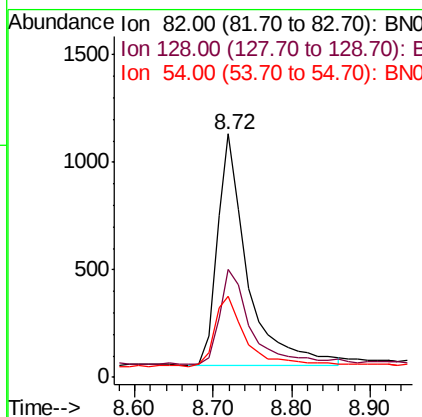
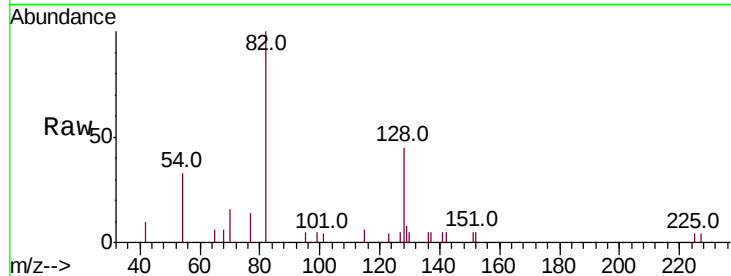




#8
 Nitrobenzene-d5
 Concen: 0.253 ng
 RT: 8.72 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BN010715.D
 Acq: 14 May 2020 16:56

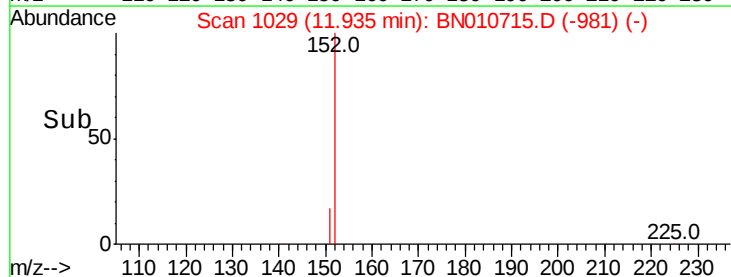
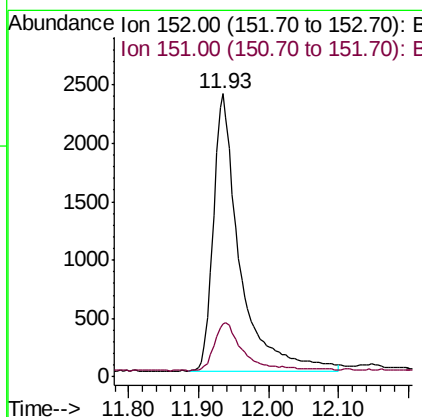
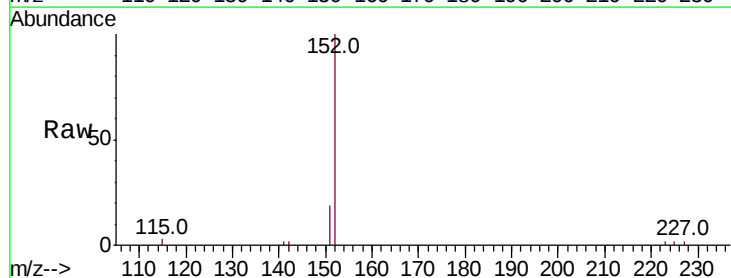
Instrument :
 BNA_N
 ClientSampleId :
 PB128767BL

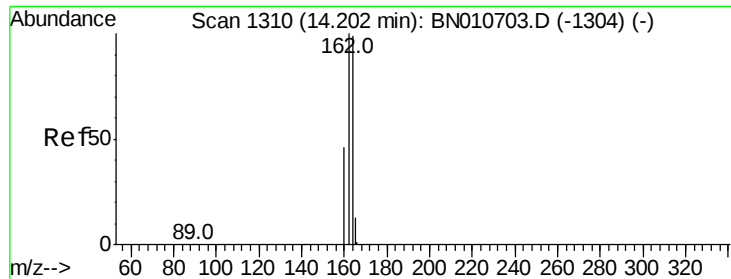
Tot Ion	82	Resp	2845
Ion	Ratio	Lower	Upper
82	100		
128	44.5	29.0	43.4#
54	33.0	29.3	43.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.235 ng
 RT: 11.93 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BN010715.D
 Acq: 14 May 2020 16:56

Tgt Ion	152	Resp	6228
Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

Instrument :

BNA_N

ClientSampled :

PB128767BL

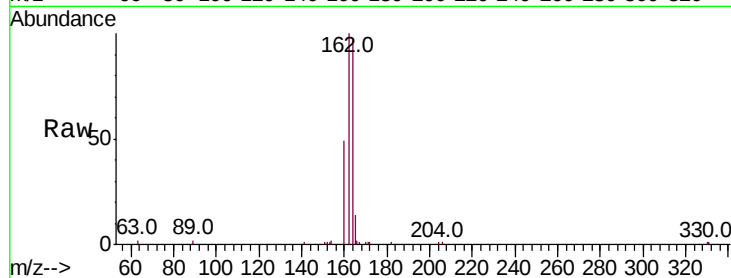
Tot Ion:164 Resp: 9928

Ion Ratio Lower Upper

164 100

162 103.0 81.1 121.7

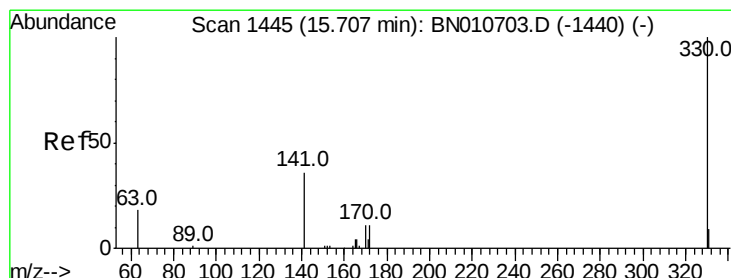
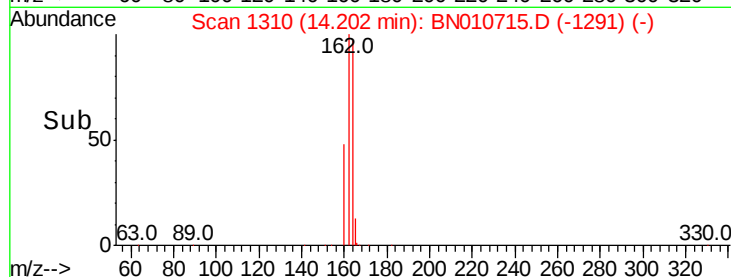
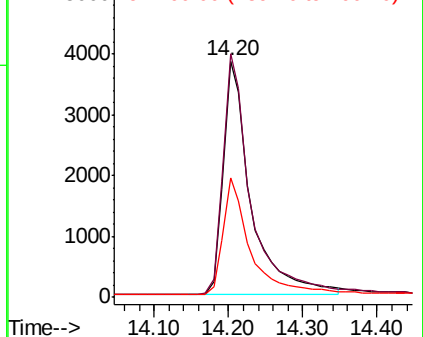
160 50.5 37.9 56.9



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: 0.222 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

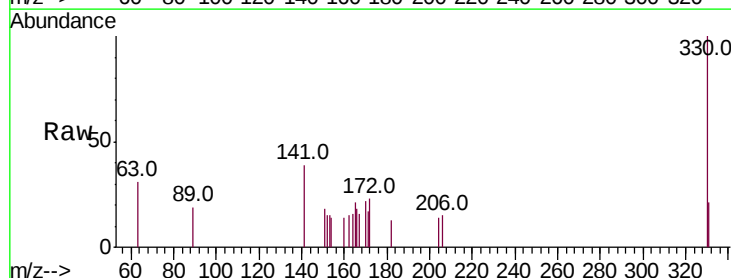
Tgt Ion:330 Resp: 799

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

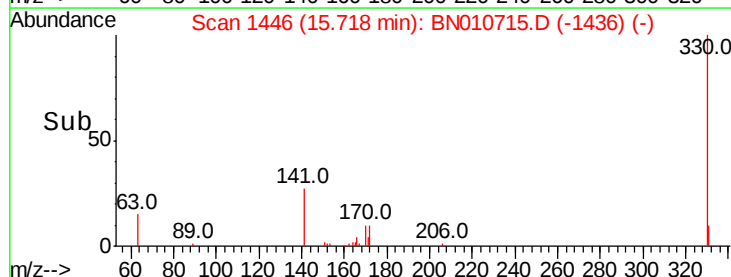
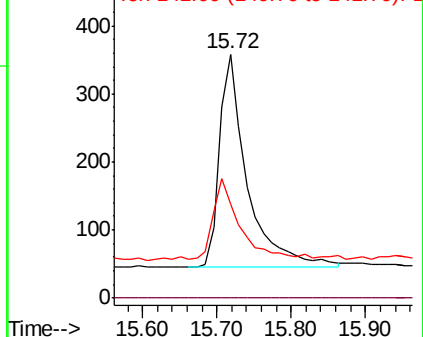
141 36.3 28.8 43.2

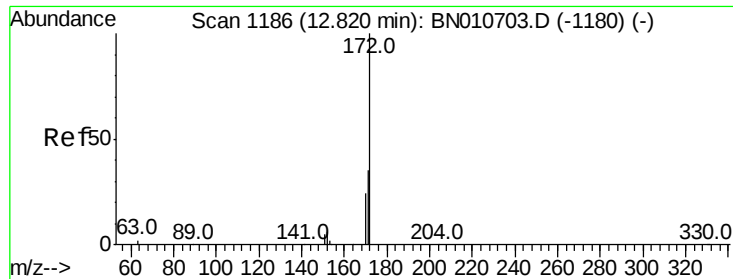


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.237 ng

RT: 12.83 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

Instrument :

BNA_N

ClientSampleId :

PB128767BL

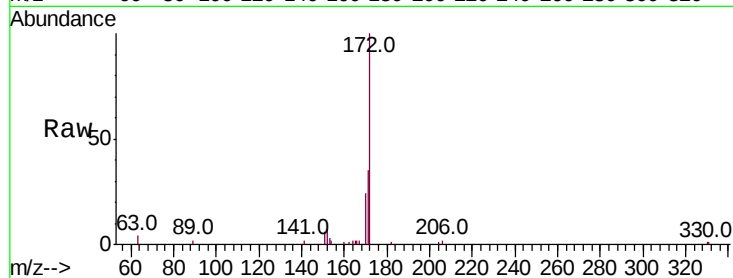
Tot Ion:172 Resp: 8639

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

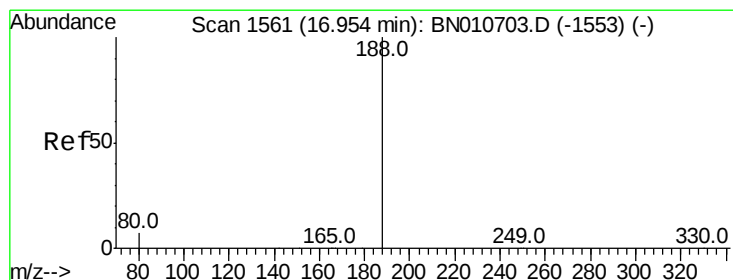
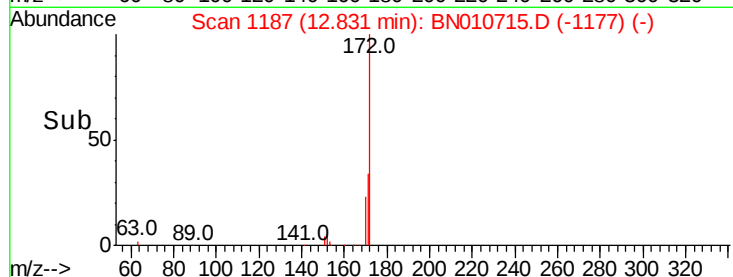
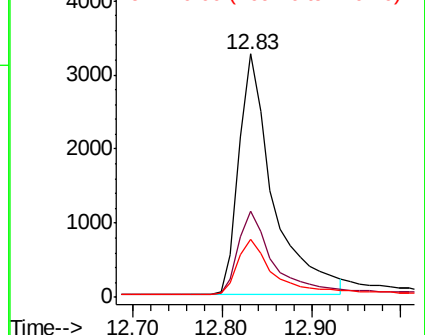
170 23.9 19.8 29.8



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: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

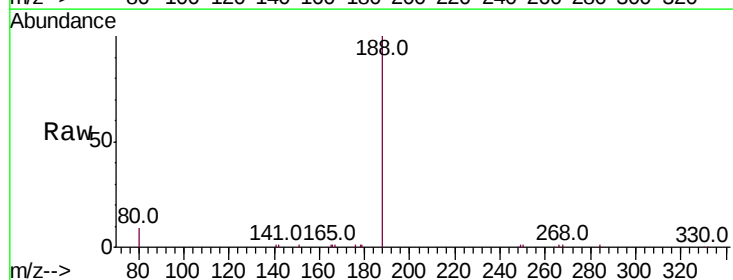
Tgt Ion:188 Resp: 21768

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

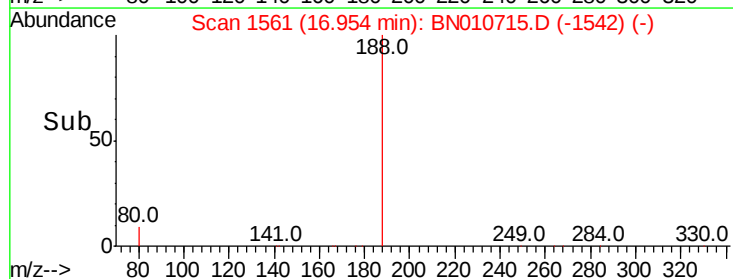
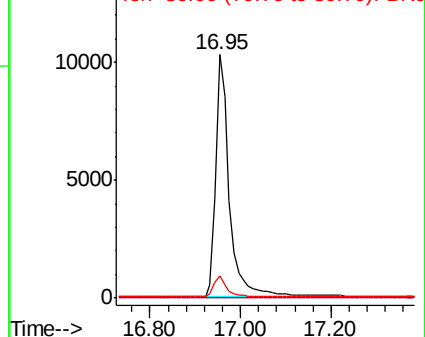
80 9.1 6.3 9.5

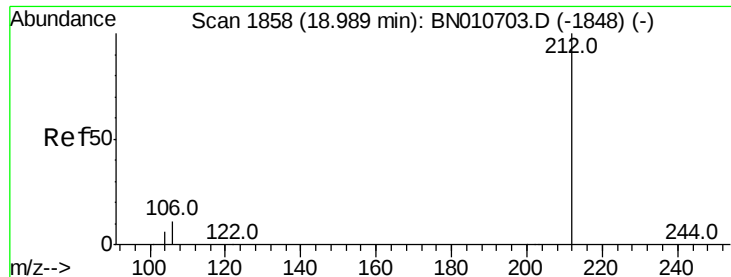


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

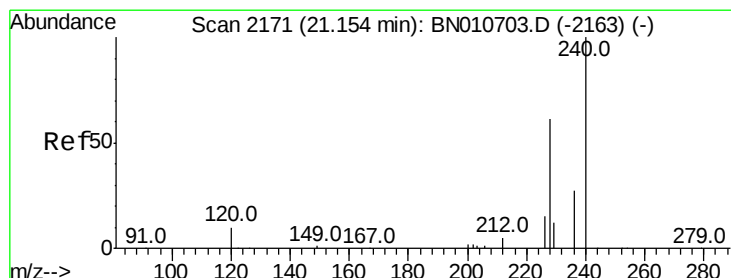
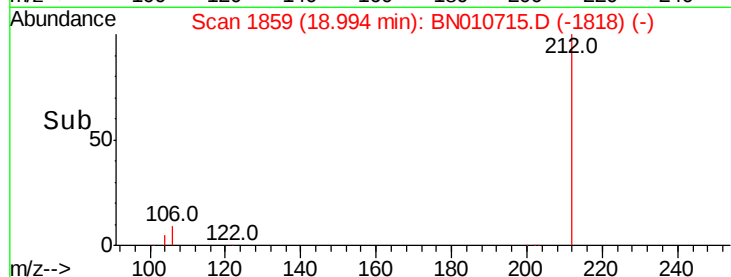
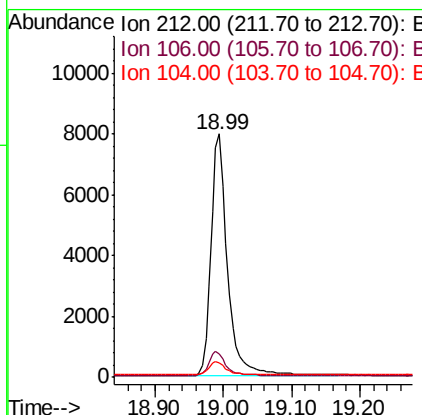
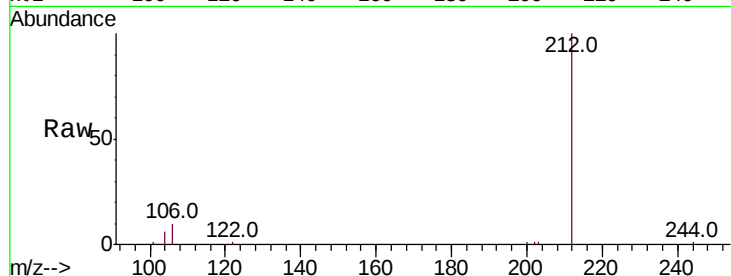




#25
 Fluoranthene-d10
 Concen: 0.229 ng
 RT: 18.99 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BN010715.D
 Acq: 14 May 2020 16:56

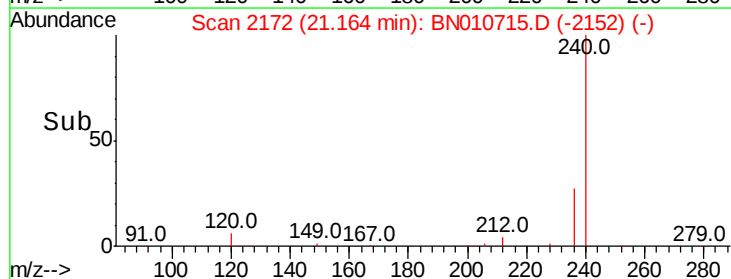
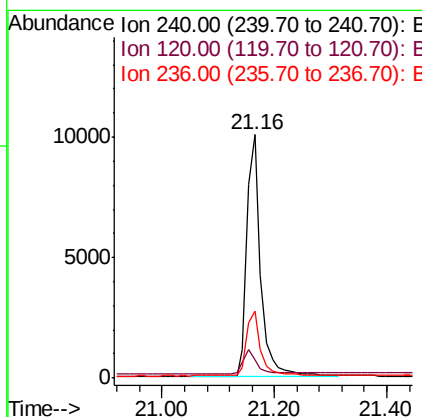
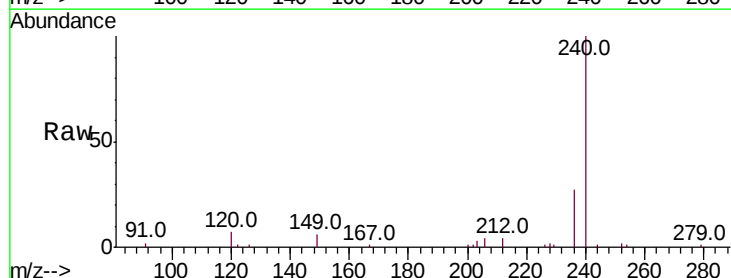
Instrument :
 BNA_N
 ClientSampleId :
 PB128767BL

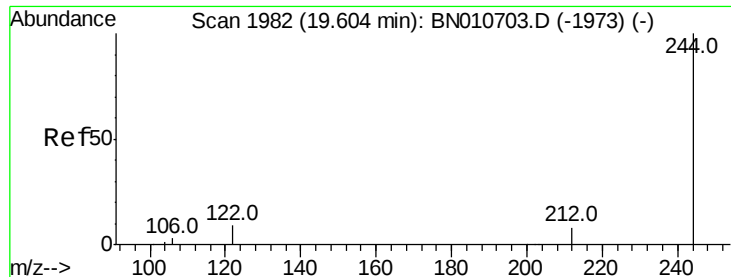
Tot Ion:212 Resp: 13508
 Ion Ratio Lower Upper
 212 100
 106 9.9 8.2 12.2
 104 5.6 4.7 7.1



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.16 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BN010715.D
 Acq: 14 May 2020 16:56

Tgt Ion:240 Resp: 17393
 Ion Ratio Lower Upper
 240 100
 120 7.5 9.5 14.3#
 236 27.4 22.5 33.7





#29

Terphenyl-d14

Concen: 0.258 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

Instrument :

BNA_N

ClientSampleId :

PB128767BL

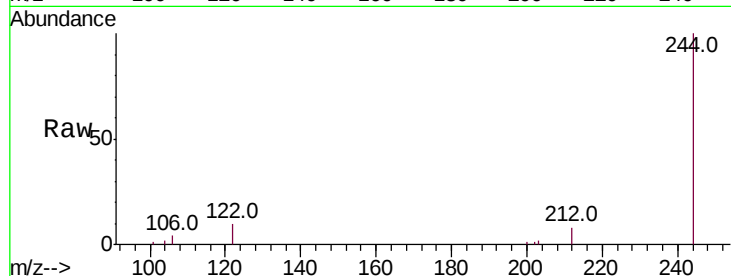
Tot Ion:244 Resp: 10628

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

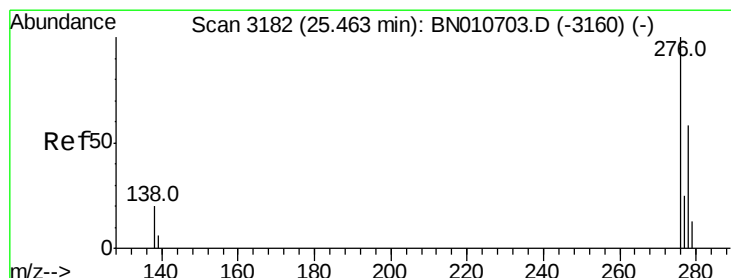
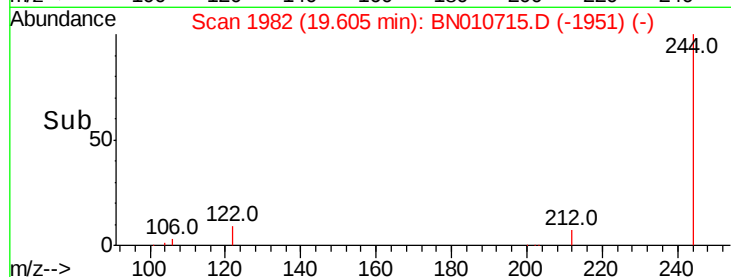
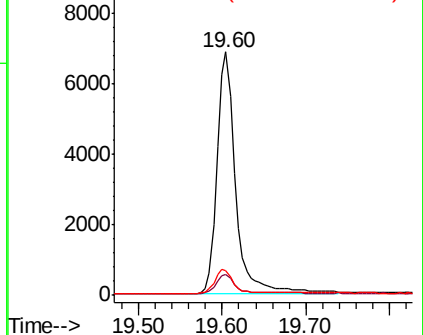
122 10.1 8.1 12.1



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.027 ng

RT: 25.49 min Scan# 3189

Delta R.T. 0.02 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

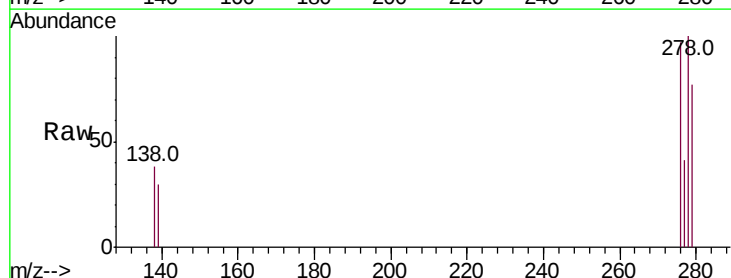
Tgt Ion:276 Resp: 1367

Ion Ratio Lower Upper

276 100

138 18.2 15.1 22.7

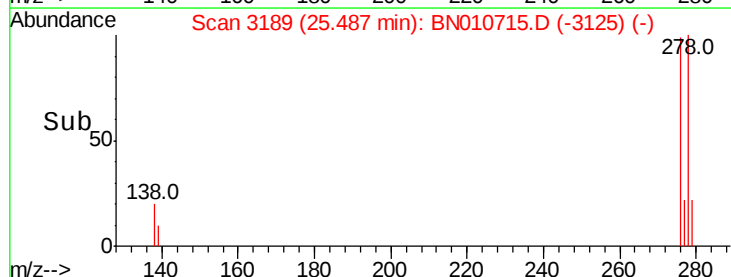
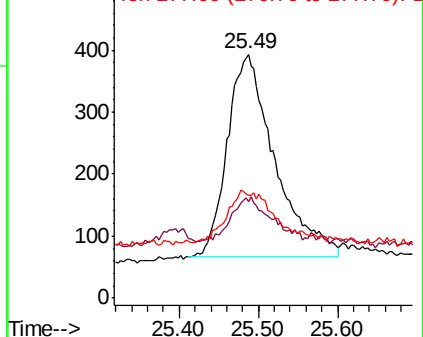
277 12.7 19.4 29.0#

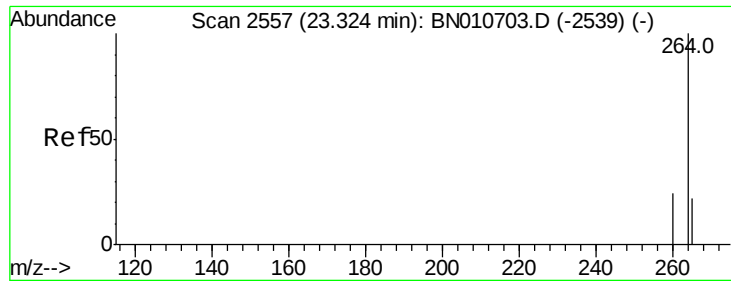


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

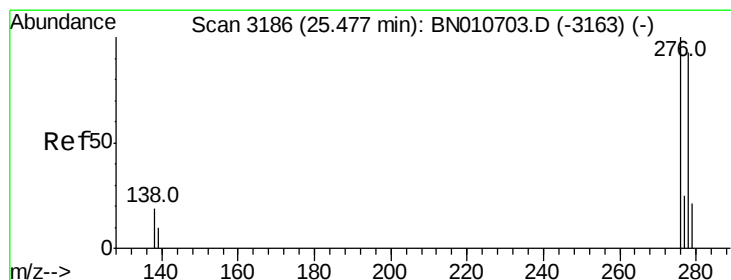
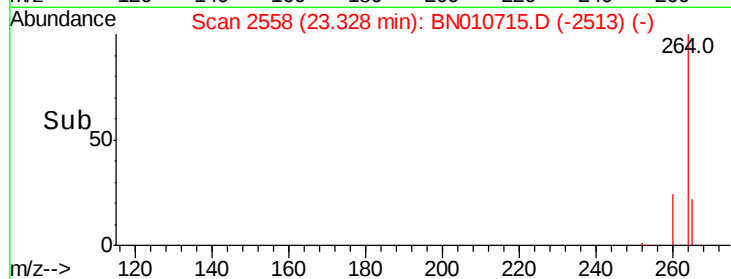
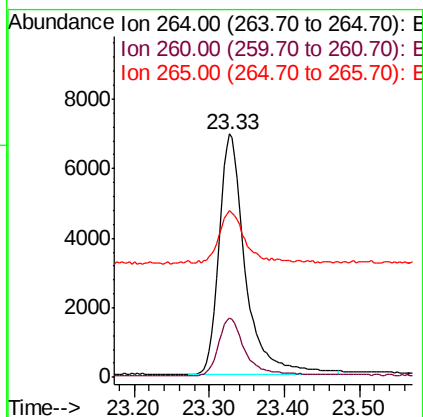
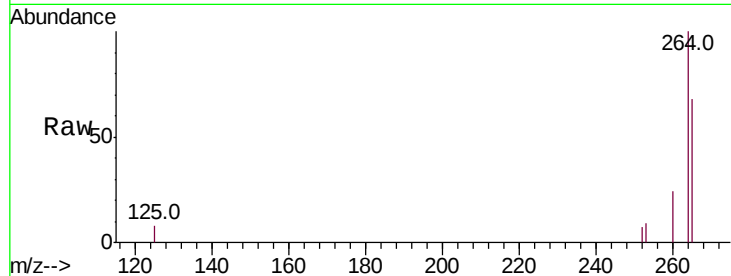




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.33 min Scan# 2558
 Delta R.T. 0.00 min
 Lab File: BN010715.D
 Acq: 14 May 2020 16:56

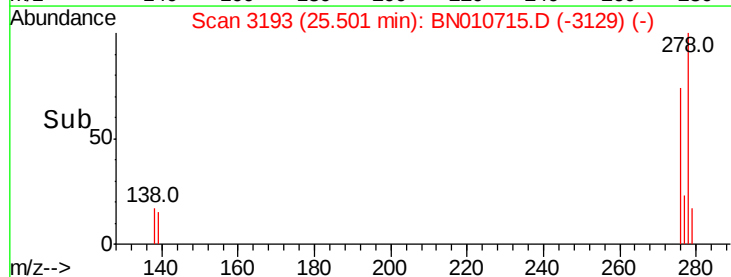
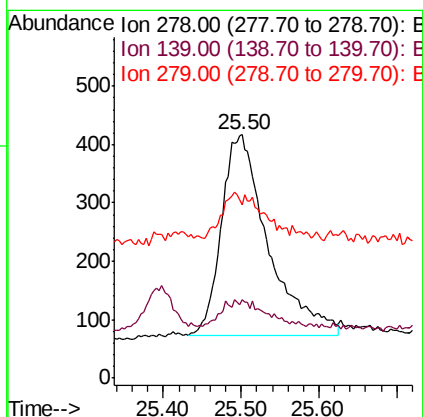
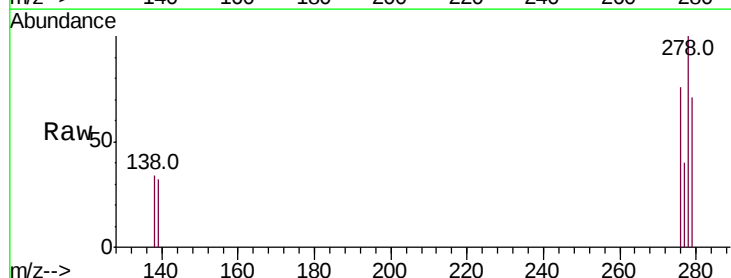
Instrument :
 BNA_N
 ClientSampleId :
 PB128767BL

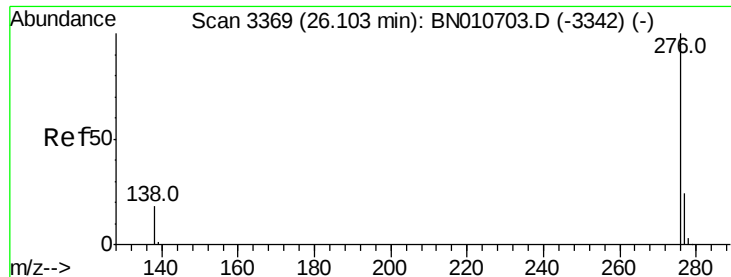
Tot Ion:264 Resp: 16602
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 68.4 70.1 105.1#



#38
 Dibenzo(a,h)anthracene
 Concen: 0.036 ng
 RT: 25.50 min Scan# 3193
 Delta R.T. 0.02 min
 Lab File: BN010715.D
 Acq: 14 May 2020 16:56

Tgt Ion:278 Resp: 1444
 Ion Ratio Lower Upper
 278 100
 139 32.4 13.0 19.4#
 279 71.2 25.1 37.7#





#39

Benzo(a,h,i)perylene

Concen: 0.031 ng

RT: 26.12 min Scan# 3373

Delta R.T. 0.01 min

Lab File: BN010715.D

Acq: 14 May 2020 16:56

Instrument :

BNA_N

ClientSampleId :

PB128767BL

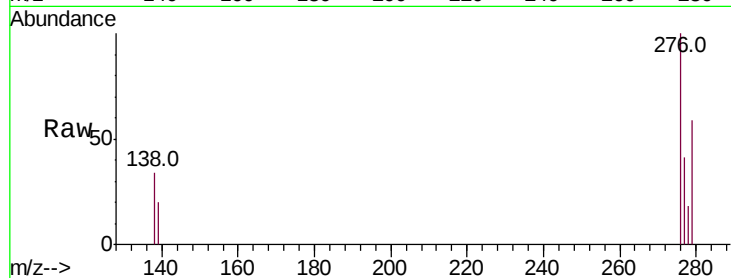
Tot Ion:276 Resp: 1452

Ion Ratio Lower Upper

276 100

277 41.5 20.6 30.8#

138 34.3 16.0 24.0#



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

