

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051520\
 Data File : BN010724.D
 Acq On : 15 May 2020 10:38
 Operator : CG/JU
 Sample : PB128813BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128813BL

Quant Time: May 15 11:11:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 10:34:23 2020
 Response via : Initial Calibration

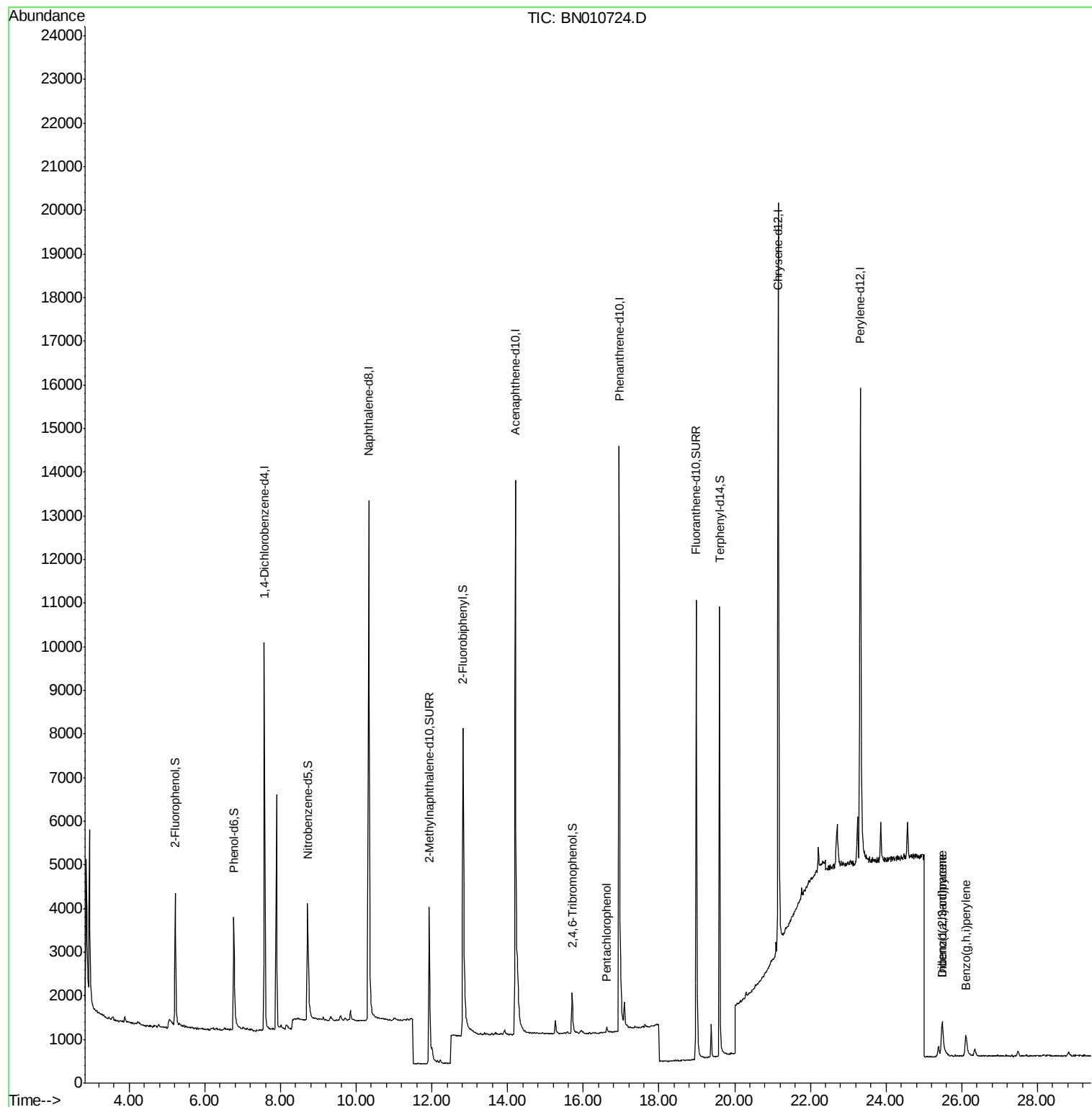
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4810	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	18649	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	11422	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	24187	0.40	ng	0.00
27) Chrysene-d12	21.15	240	18806	0.40	ng	0.00
34) Perylene-d12	23.32	264	18086	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3246	0.34	ng	0.00
5) Phenol-d6	6.78	99	3815	0.33	ng	0.00
8) Nitrobenzene-d5	8.72	82	3304	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	7169	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1028	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	10108	0.24	ng	0.00
25) Fluoranthene-d10	18.99	212	14784	0.23	ng	0.00
29) Terphenyl-d14	19.60	244	11897	0.27	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.62	266	139	0.028	ng	# 82
33) Indeno(1,2,3-cd)pyrene	25.48	276	1290	0.023	ng	# 80
38) Dibenzo(a,h)anthracene	25.49	278	1116	0.025	ng	# 23
39) Benzo(g,h,i)perylene	26.11	276	1384	0.027	ng	# 65

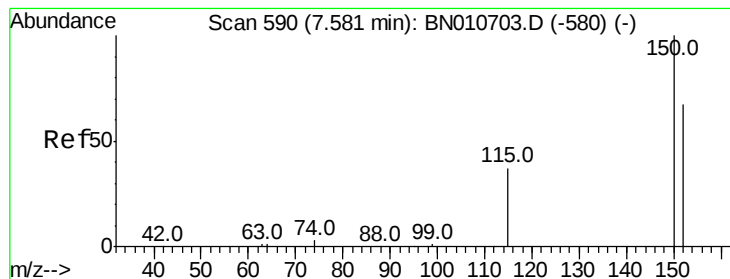
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 10:34:23 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: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

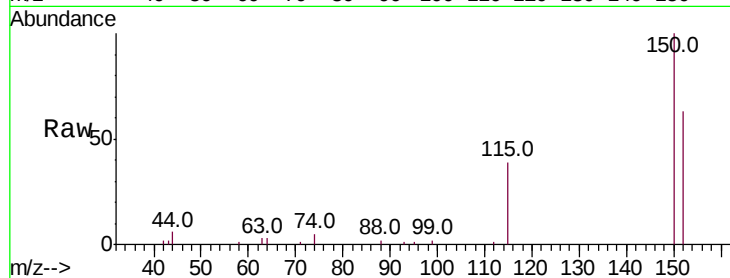
Tot Ion:152 Resp: 4810

Ion Ratio Lower Upper

152 100

150 159.4 119.4 179.0

115 62.7 45.9 68.9

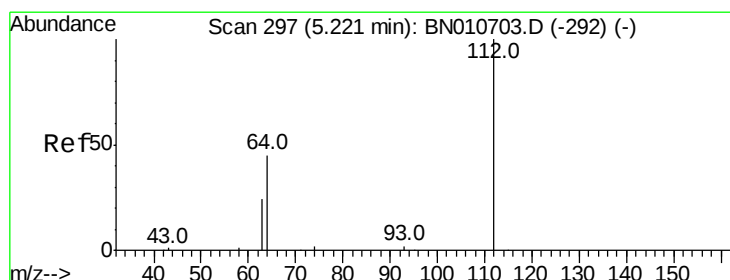
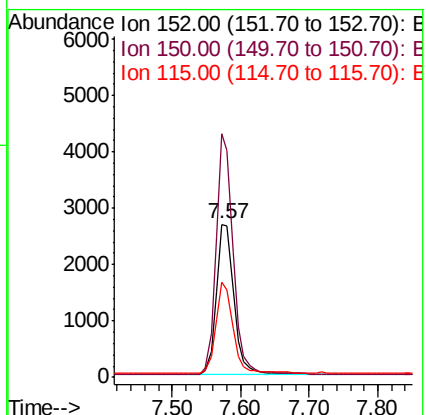
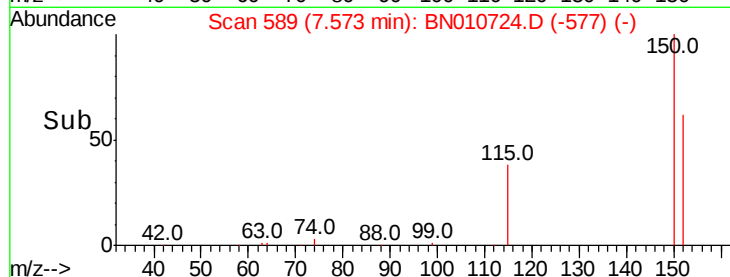


Abundance

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: 0.345 ng

RT: 5.22 min Scan# 297

Delta R.T. -0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

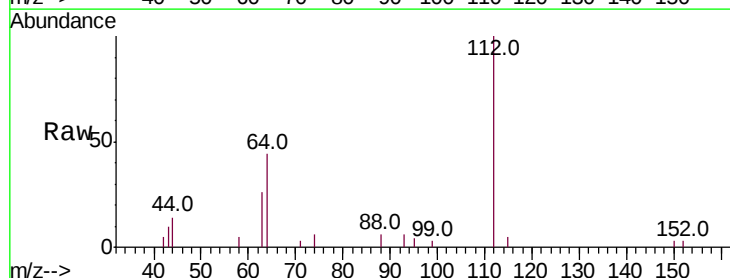
Tgt Ion:112 Resp: 3246

Ion Ratio Lower Upper

112 100

64 45.5 36.2 54.4

63 24.6 19.8 29.8

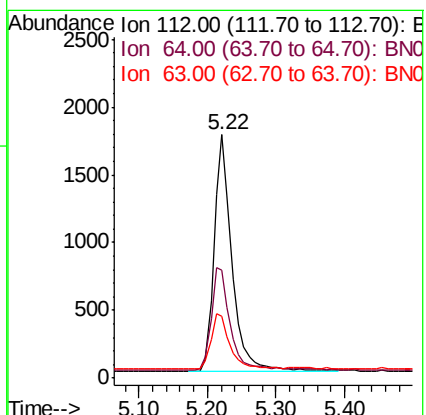
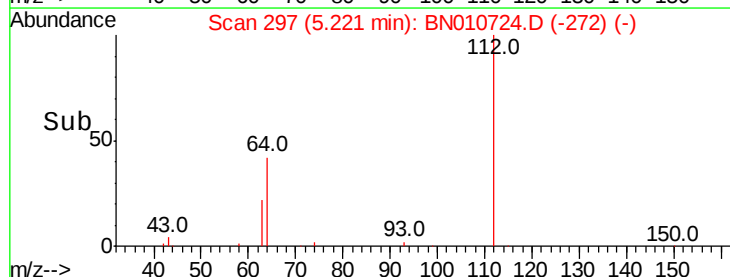


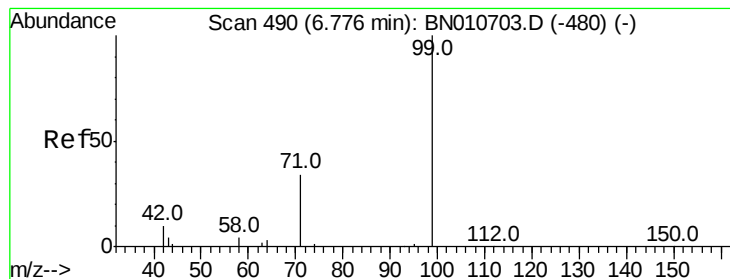
Abundance

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: 0.332 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.01 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

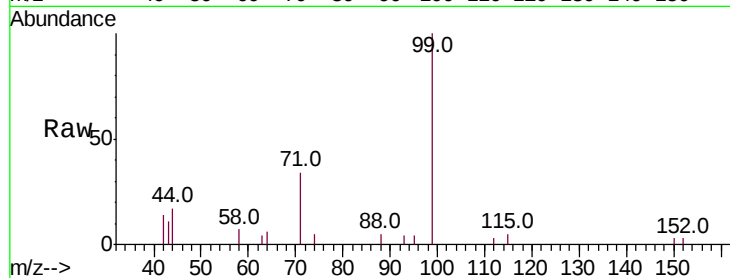
Tot Ion: 99 Resp: 3815

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.8

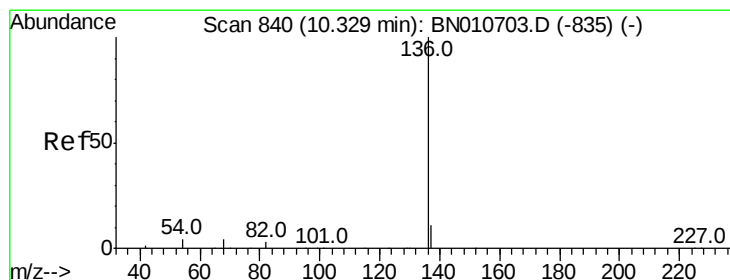
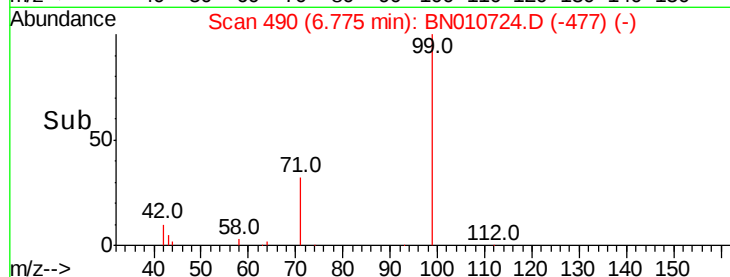
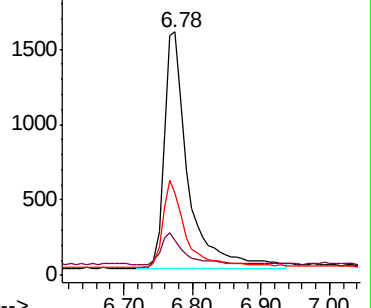
71 34.9 28.6 42.8



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Tgt Ion: 136 Resp: 18649

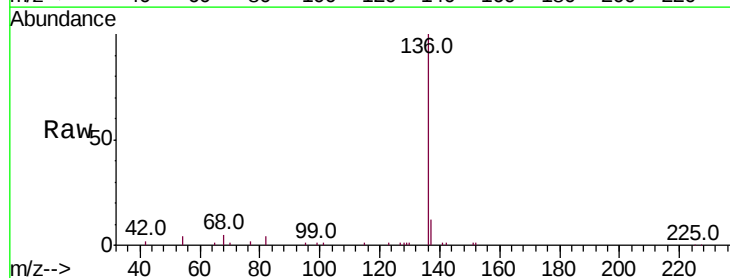
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.1 3.6 5.4

68 5.1 4.1 6.1

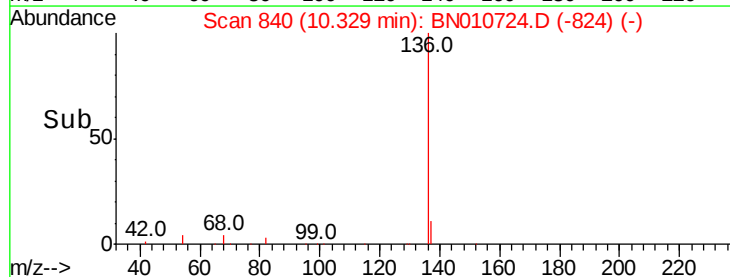
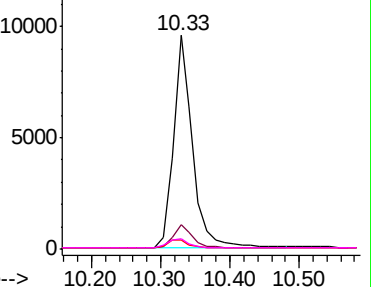


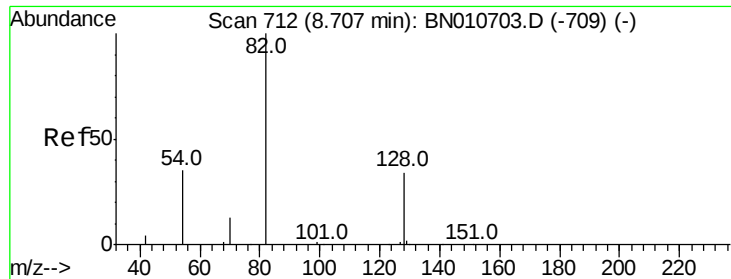
Abundance Ion 136.00 (135.70 to 136.70): BN010703.D (-835) (-)

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: 0.255 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

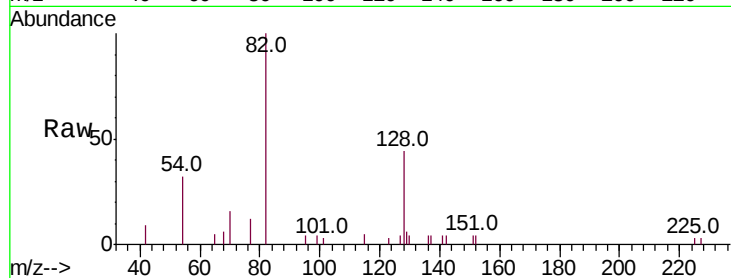
Tot Ion: 82 Resp: 3304

Ion Ratio Lower Upper

82 100

128 44.4 29.0 43.4#

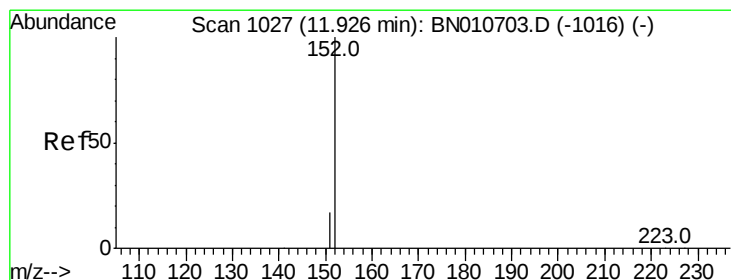
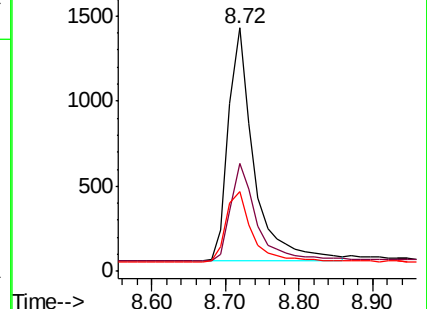
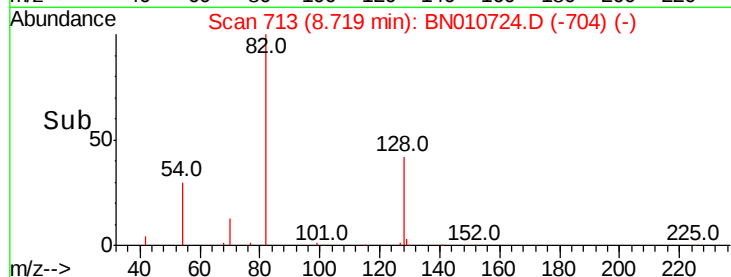
54 32.5 29.3 43.9



Abundance Ion 82.00 (81.70 to 82.70): BN010703.D (-709) (-)

Ion 128.00 (127.70 to 128.70): BN010703.D (-709) (-)

Ion 54.00 (53.70 to 54.70): BN010703.D (-709) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.236 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN010724.D

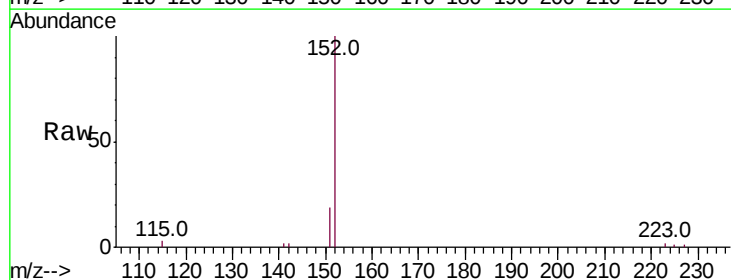
Acq: 15 May 2020 10:38

Tgt Ion: 152 Resp: 7169

Ion Ratio Lower Upper

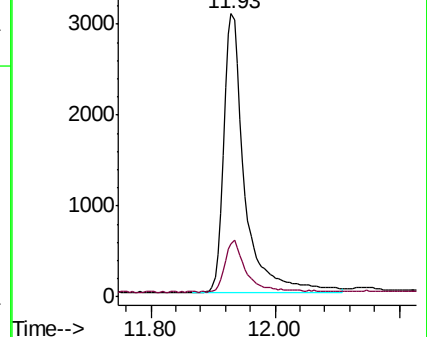
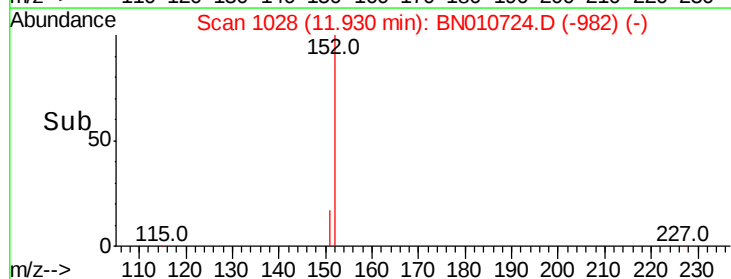
152 100

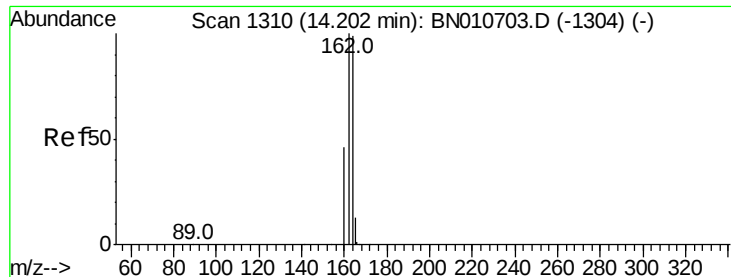
151 18.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010703.D (-1016) (-)

Ion 151.00 (150.70 to 151.70): BN010703.D (-1016) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

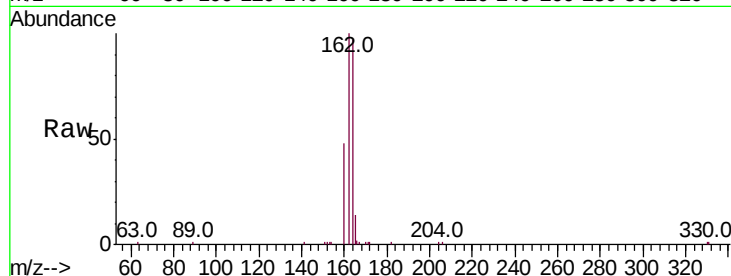
Tot Ion:164 Resp: 11422

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

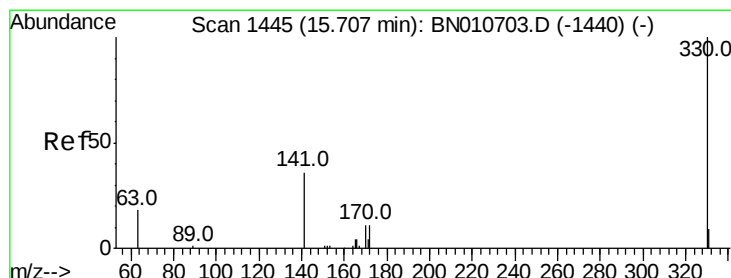
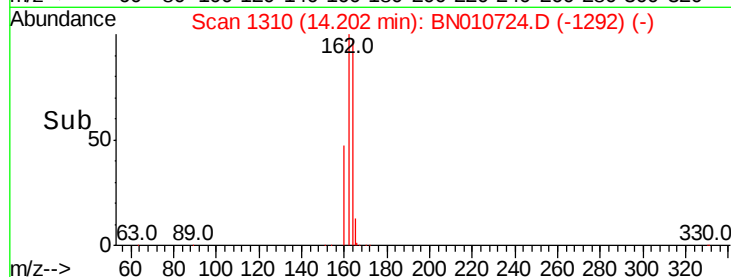
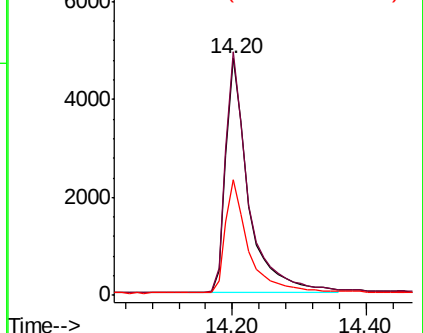
160 48.8 37.9 56.9



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: 0.248 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

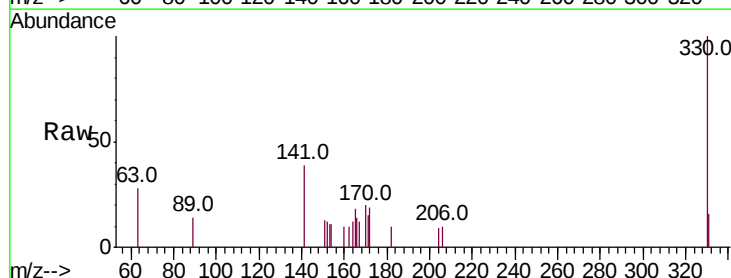
Tgt Ion:330 Resp: 1028

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

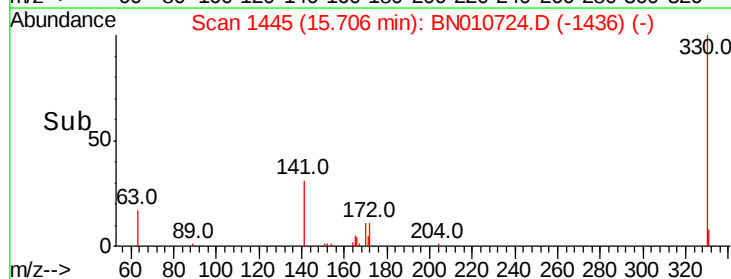
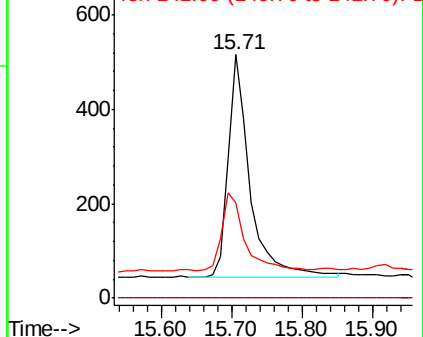
141 35.4 28.8 43.2

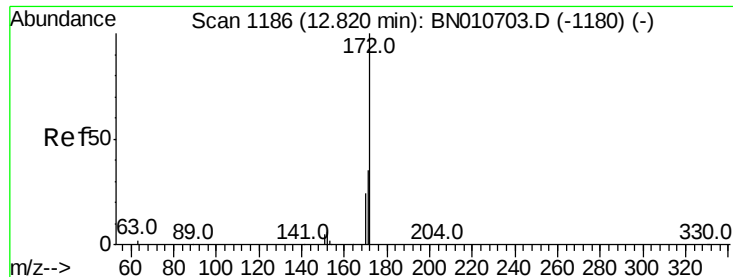


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.241 ng

RT: 12.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

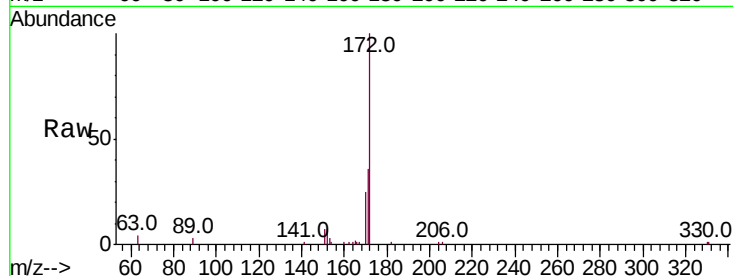
BNA_N

ClientSampleId :

PB128813BL

Tot Ion:172 Resp: 10108

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.6	19.8	29.8

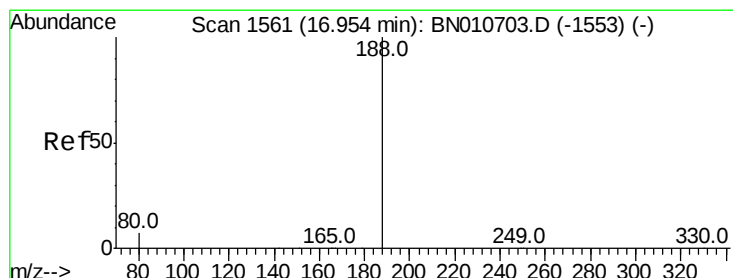
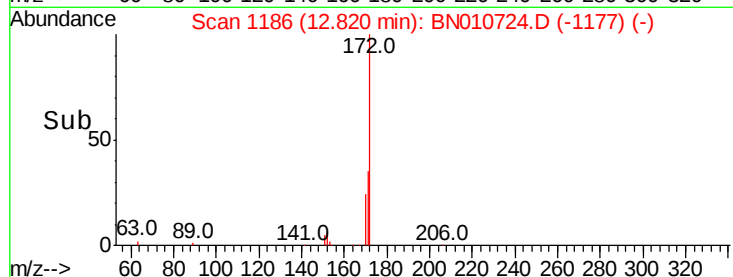
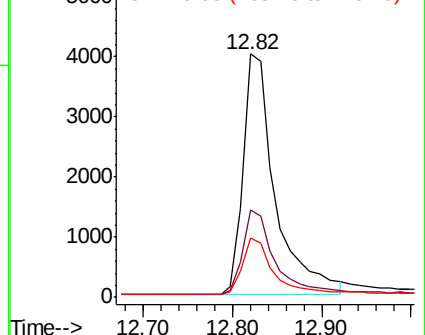


Abundance

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

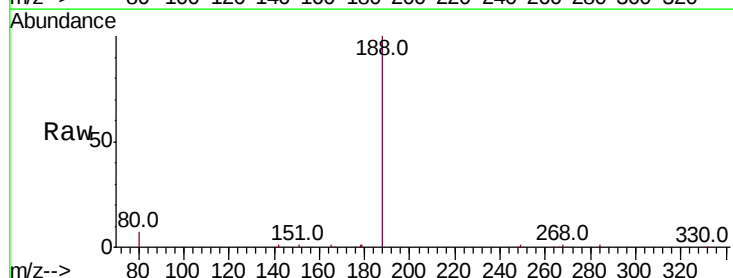
Delta R.T. 0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Tgt Ion:188 Resp: 24187

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.3	9.5

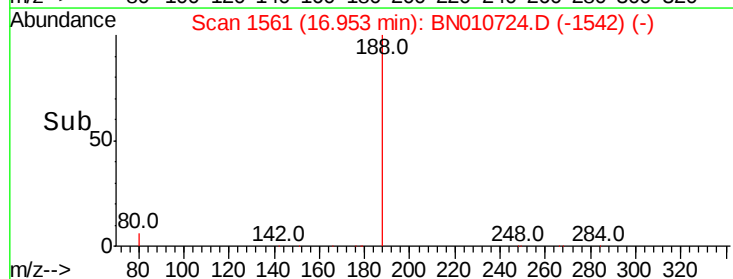
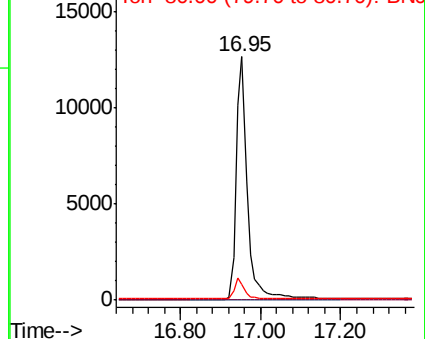


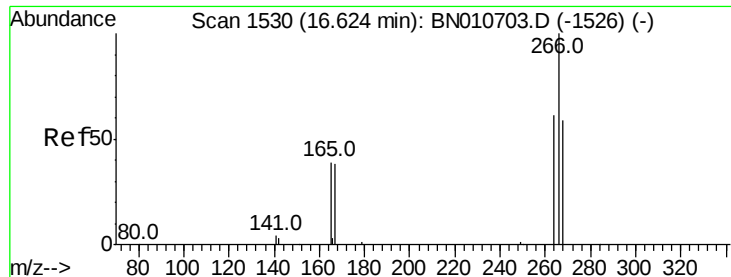
Abundance

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

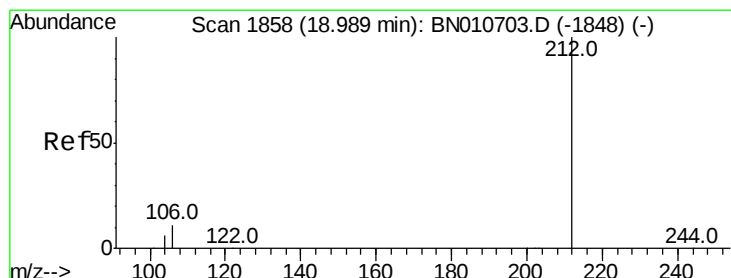
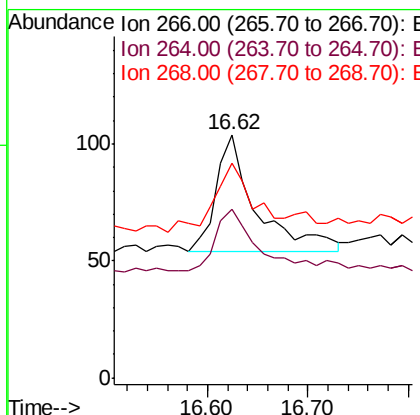
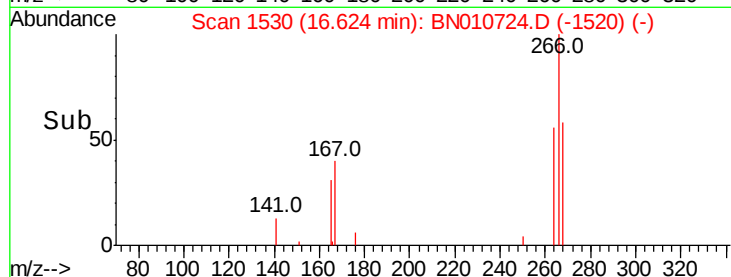
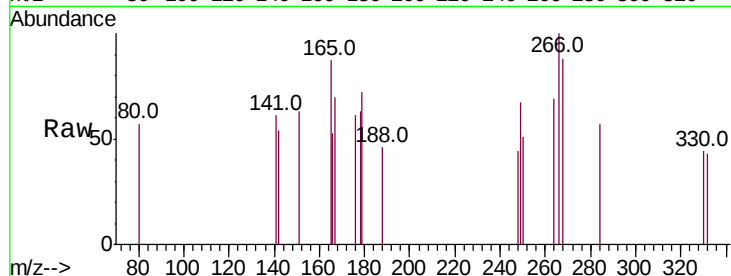




#22
 Pentachlorophenol
 Concen: 0.028 ng
 RT: 16.62 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BN010724.D
 Acq: 15 May 2020 10:38

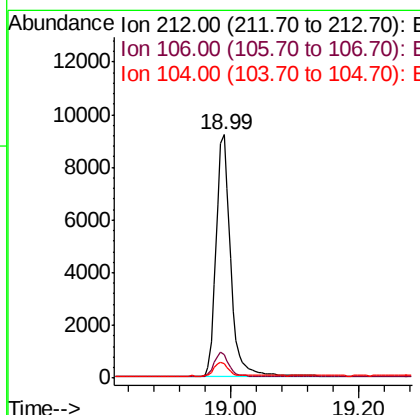
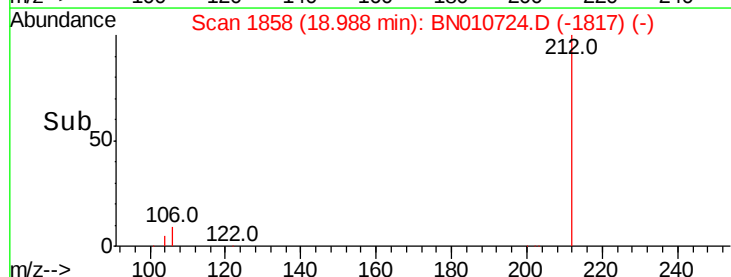
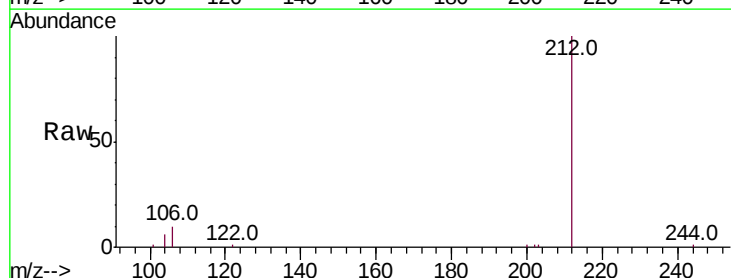
Instrument :
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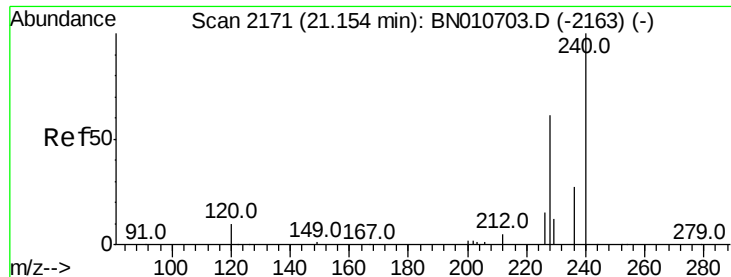
Tot Ion:266 Resp: 139
 Ion Ratio Lower Upper
 266 100
 264 69.2 51.1 76.7
 268 88.5 52.1 78.1#



#25
 Fluoranthene-d10
 Concen: 0.225 ng
 RT: 18.99 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BN010724.D
 Acq: 15 May 2020 10:38

Tgt Ion:212 Resp: 14784
 Ion Ratio Lower Upper
 212 100
 106 9.7 8.2 12.2
 104 5.6 4.7 7.1

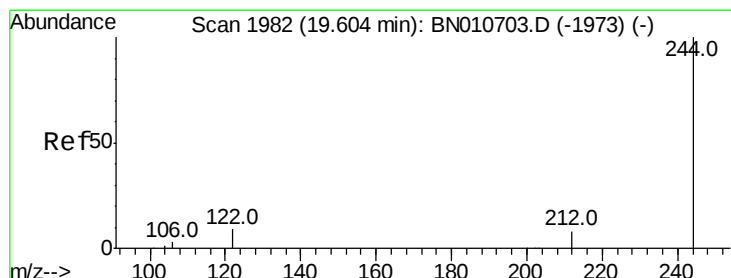
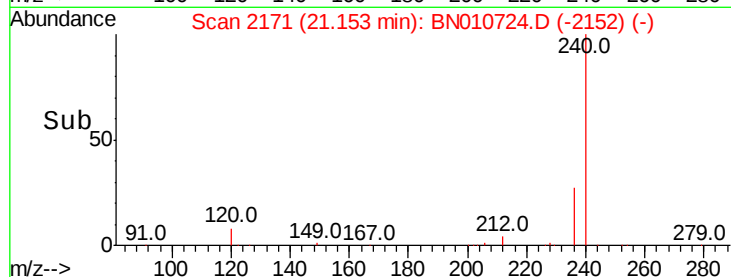
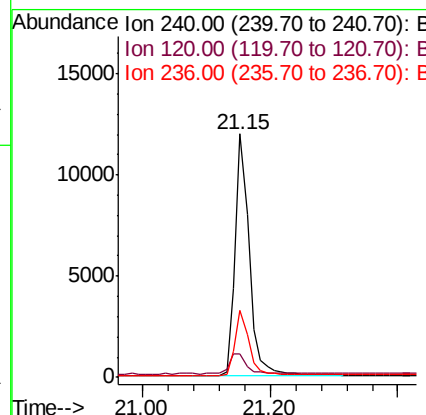
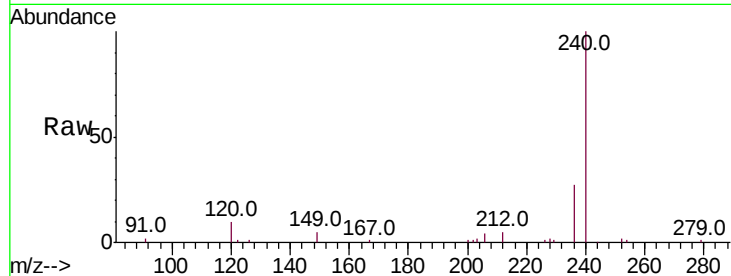




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.15 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BN010724.D
 Acq: 15 May 2020 10:38

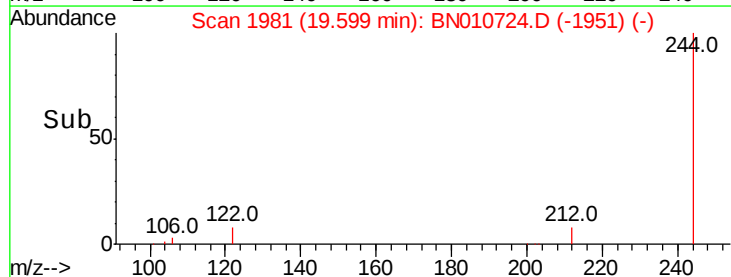
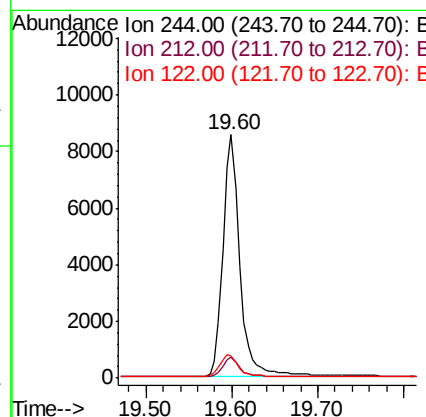
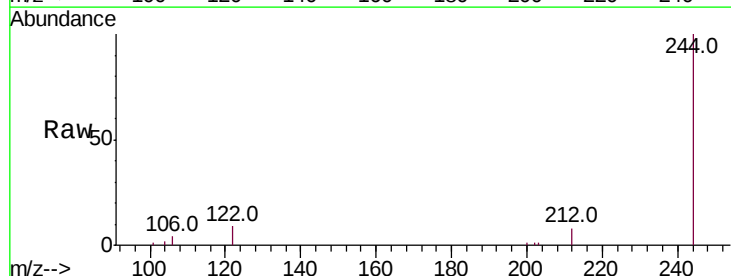
Instrument :
 BNA_N
 ClientSampleId :
 PB128813BL

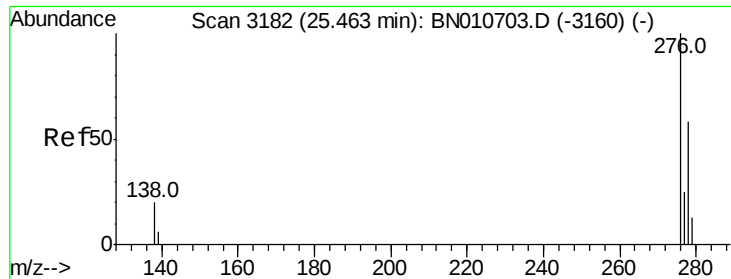
Tot Ion:240 Resp: 18806
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 27.5 22.5 33.7



#29
 Terphenyl-d14
 Concen: 0.267 ng
 RT: 19.60 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BN010724.D
 Acq: 15 May 2020 10:38

Tgt Ion:244 Resp: 11897
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.8 10.2
 122 9.1 8.1 12.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng

RT: 25.48 min Scan# 3188

Delta R.T. 0.02 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

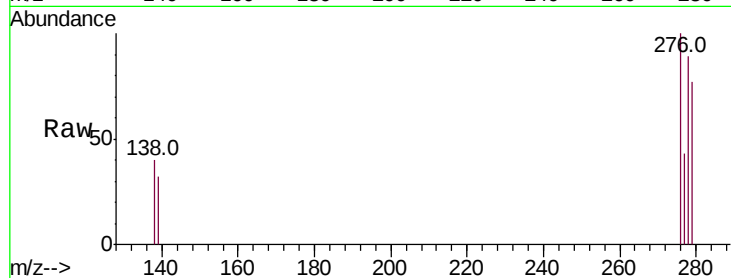
Tot Ion:276 Resp: 1290

Ion Ratio Lower Upper

276 100

138 17.2 15.1 22.7

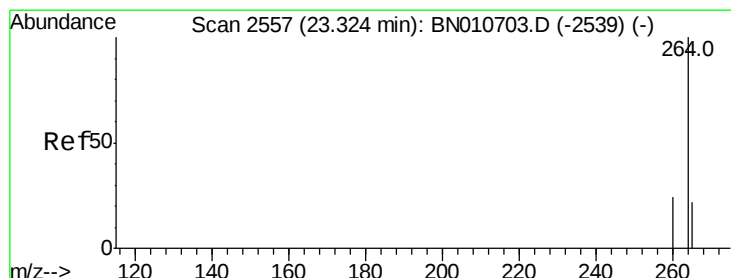
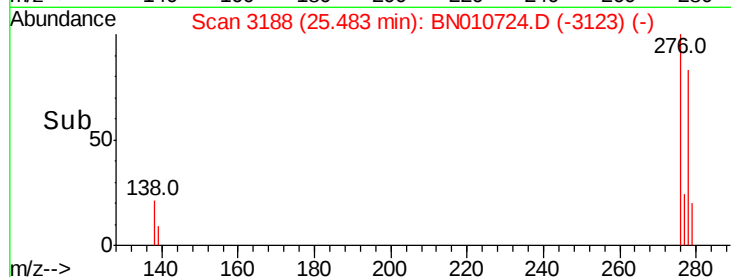
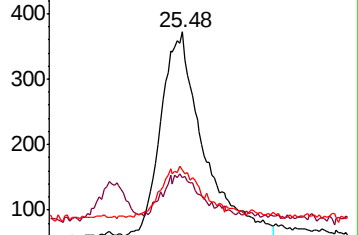
277 8.0 19.4 29.0#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

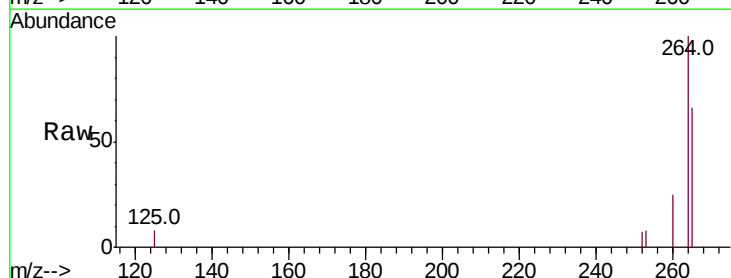
Tgt Ion:264 Resp: 18086

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

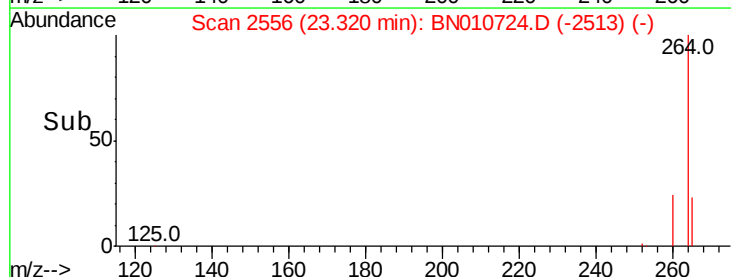
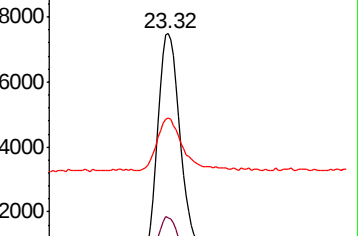
265 65.5 70.1 105.1#

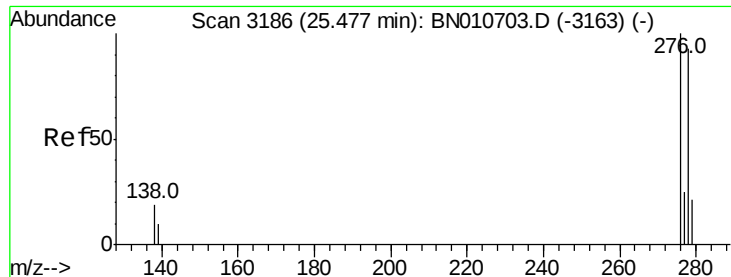


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.025 ng

RT: 25.49 min Scan# 3190

Delta R.T. 0.01 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

Instrument :

BNA_N

ClientSampleId :

PB128813BL

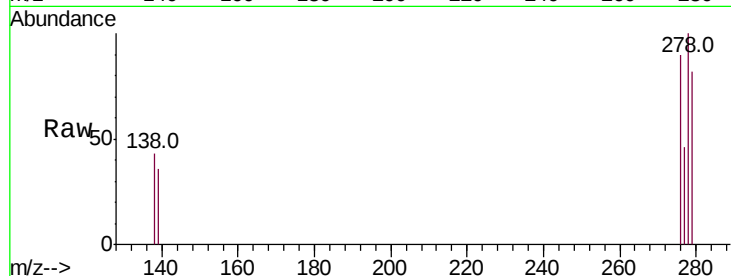
Tot Ion:278 Resp: 1116

Ion Ratio Lower Upper

278 100

139 36.4 13.0 19.4#

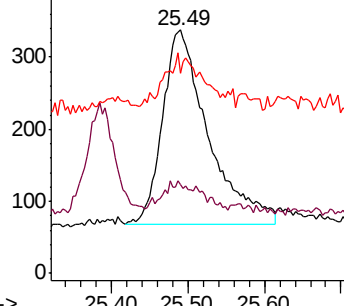
279 82.2 25.1 37.7#



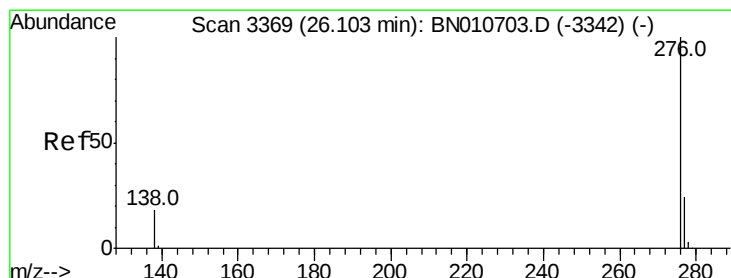
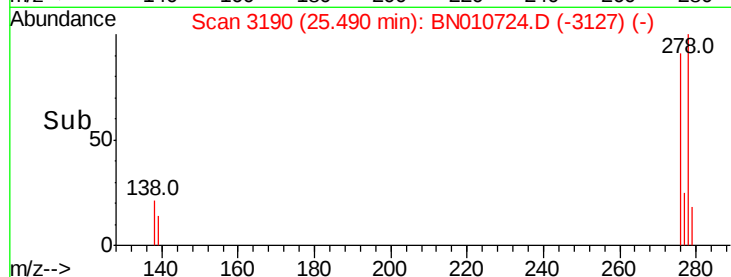
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#39

Benzo(g,h,i)perylene

Concen: 0.027 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN010724.D

Acq: 15 May 2020 10:38

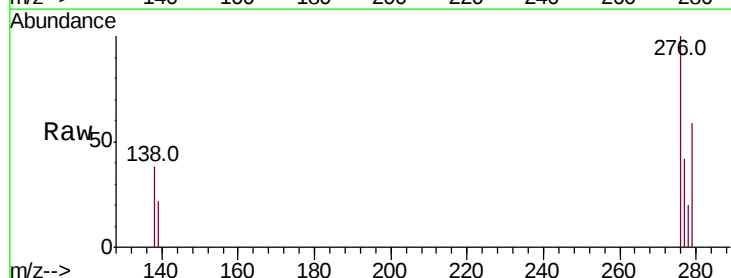
Tgt Ion:276 Resp: 1384

Ion Ratio Lower Upper

276 100

277 41.7 20.6 30.8#

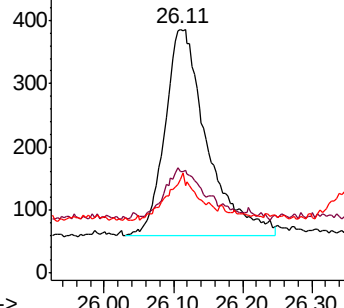
138 38.3 16.0 24.0#



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



Time-->

