

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
 Data File : BN010628.D
 Acq On : 28 Apr 2020 17:36
 Operator : CG/JU
 Sample : L2363-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200420

Quant Time: Apr 28 18:14:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3866	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	16039	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9633	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	22294	0.40	ng	0.00
27) Chrysene-d12	21.17	240	16584	0.40	ng	0.00
34) Perylene-d12	23.34	264	1403	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	762	0.09	ng	0.00
5) Phenol-d6	6.78	99	632	0.06	ng	0.00
8) Nitrobenzene-d5	8.72	82	4713	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	9523	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	693	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	16723	0.48	ng	0.00
25) Fluoranthene-d10	19.00	212	21819	0.32	ng	0.00
29) Terphenyl-d14	19.61	244	21091	0.56	ng	0.00

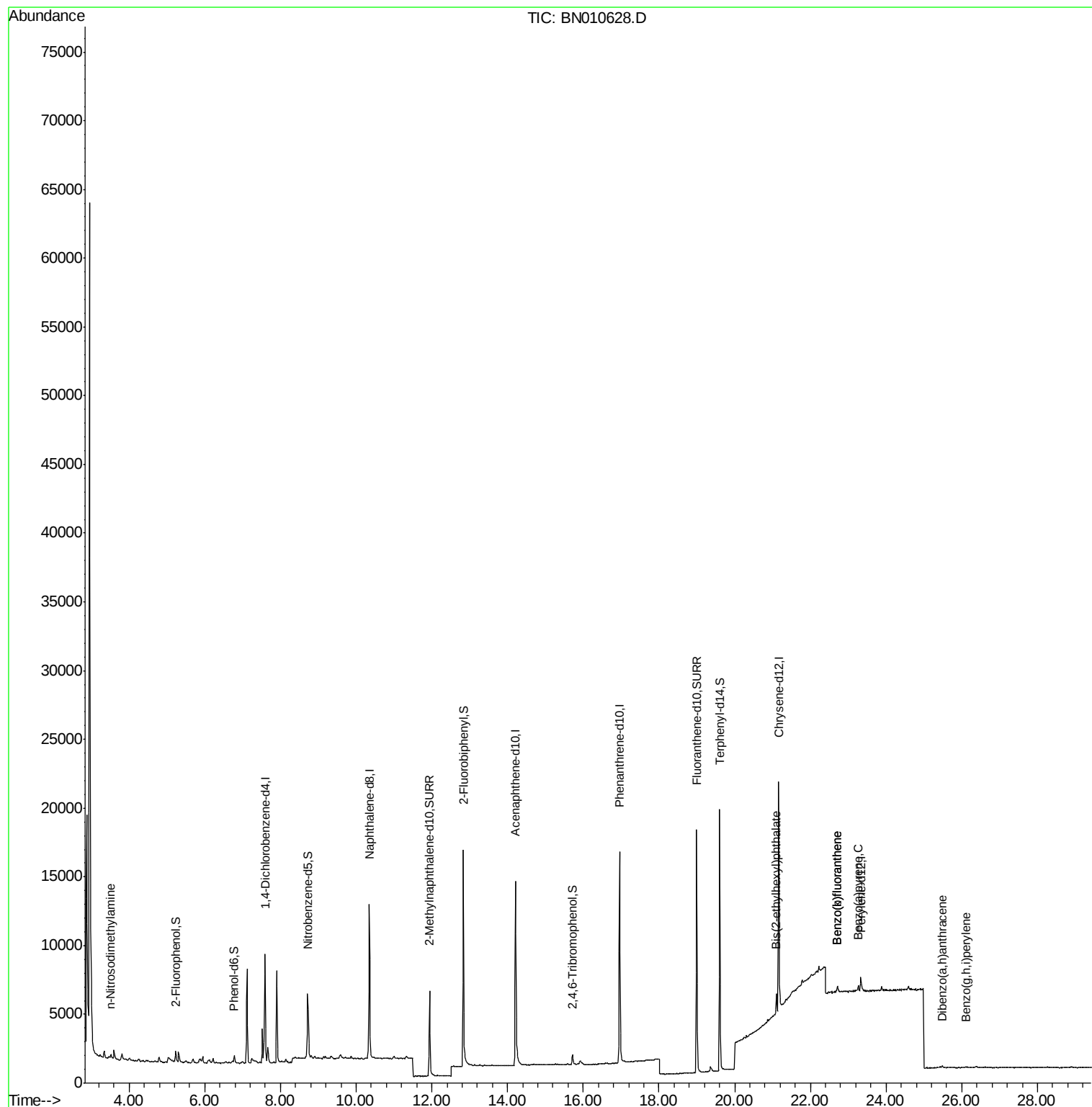
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.51	42	40	0.022	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.10	149	1272	0.046	ng	# 96
35) Benzo(b)fluoranthene	22.70	252	191	0.041	ng	# 1
36) Benzo(k)fluoranthene	22.70	252	191	0.041	ng	# 1
37) Benzo(a)pyrene	23.26	252	154	0.038	ng	# 1
38) Dibenzo(a,h)anthracene	25.49	278	91	0.024	ng	# 1
39) Benzo(g,h,i)perylene	26.12	276	110	0.029	ng	# 1

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

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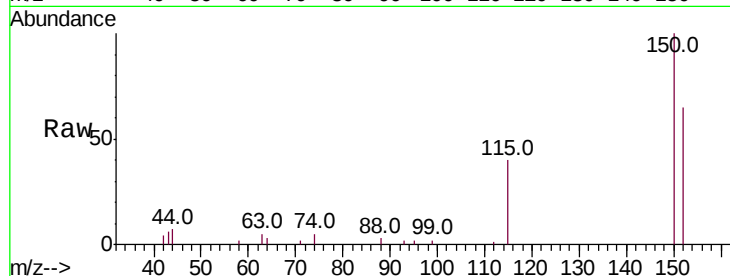


#1

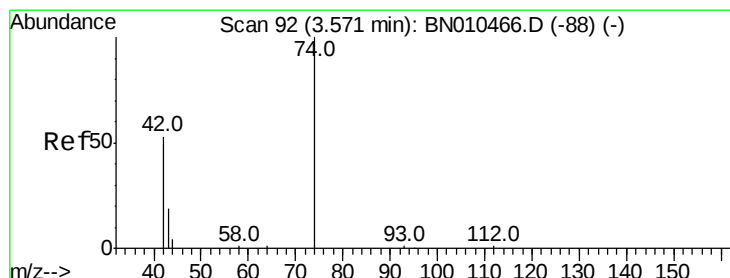
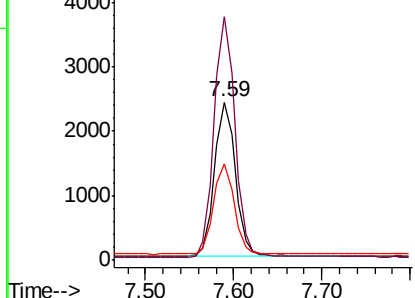
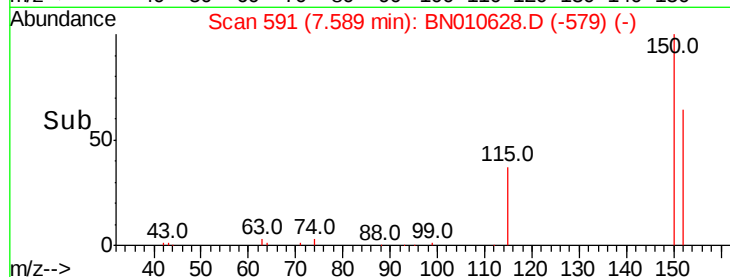
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN010628.D
Acq: 28 Apr 2020 17:36

Instrument :
BNA_N
ClientSampleId :
KY038PS037-200420

Tot Ion:152 Resp: 3866
Ion Ratio Lower Upper
152 100
150 153.8 121.8 182.6
115 60.9 45.5 68.3



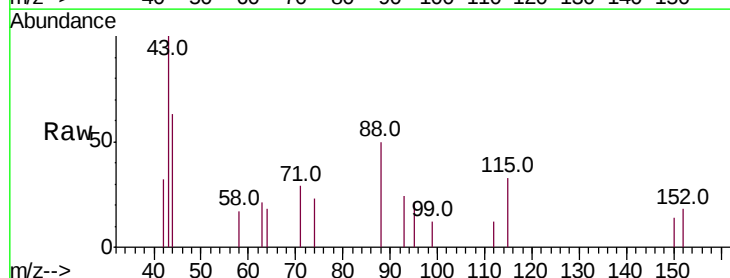
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



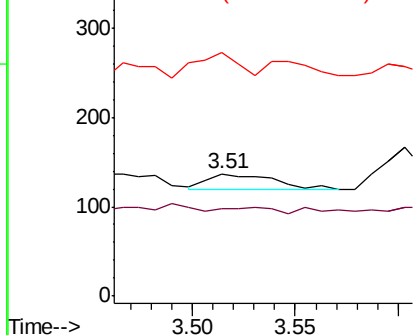
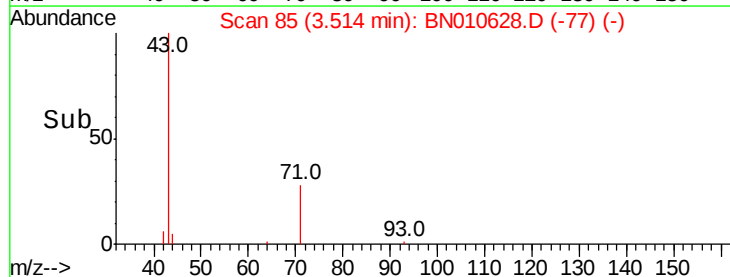
#3

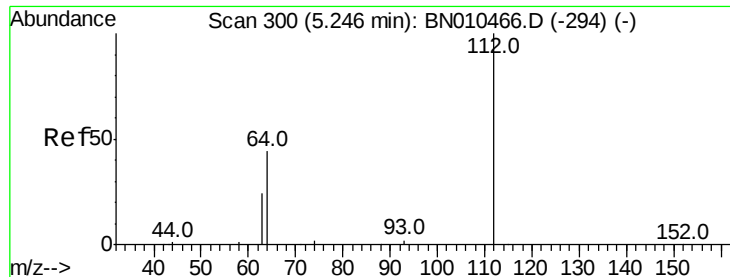
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.51 min Scan# 85
Delta R.T. -0.03 min
Lab File: BN010628.D
Acq: 28 Apr 2020 17:36

Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
74 0.0 162.2 243.4#
44 102.5 2.4 3.6#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.090 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200420

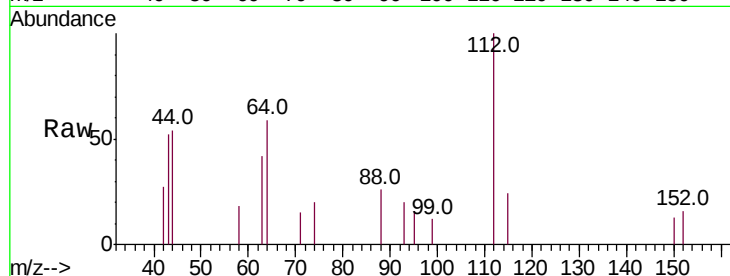
Tot Ion:112 Resp: 762

Ion Ratio Lower Upper

112 100

64 47.9 35.8 53.8

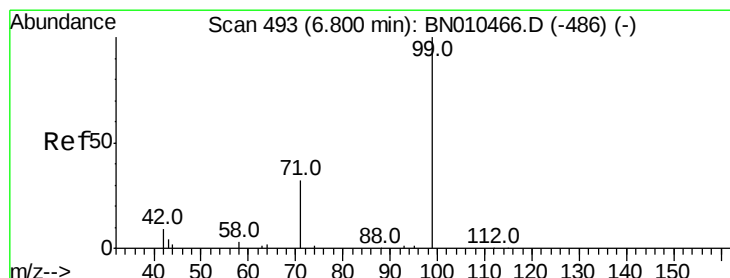
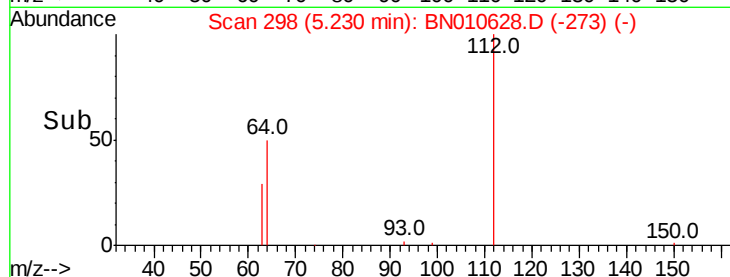
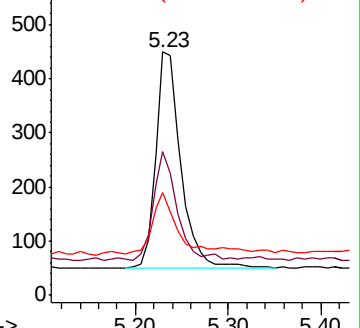
63 27.0 19.9 29.9



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: 0.057 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

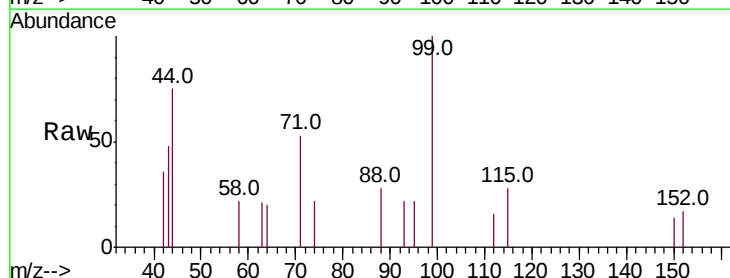
Tgt Ion: 99 Resp: 632

Ion Ratio Lower Upper

99 100

42 13.9 9.8 14.6

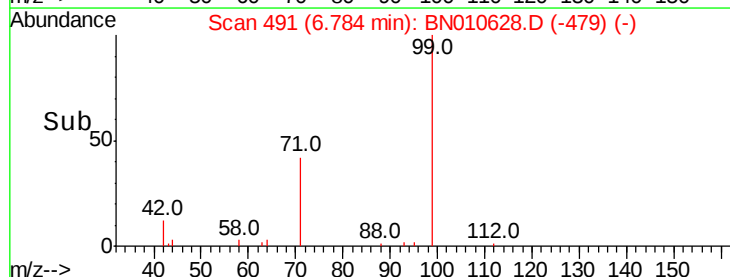
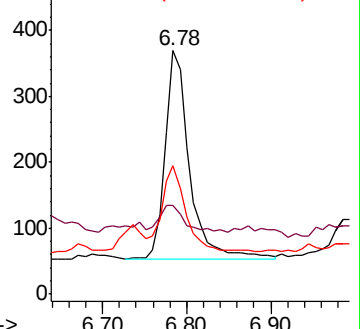
71 38.3 27.8 41.8

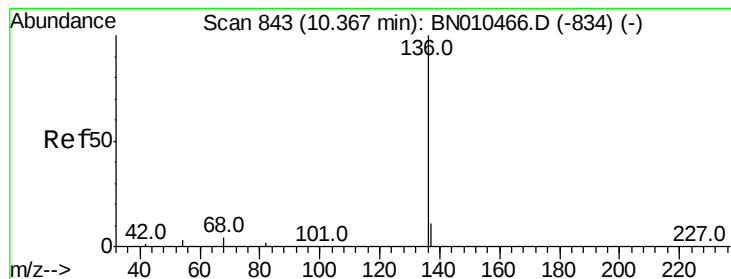


Abundance Ion 99.00 (98.70 to 99.70): BN0

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: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200420

Tot Ion:136 Resp: 16039

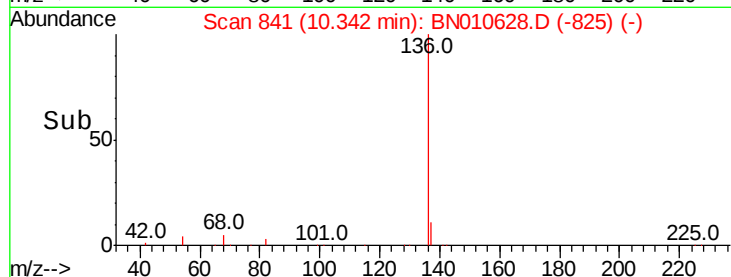
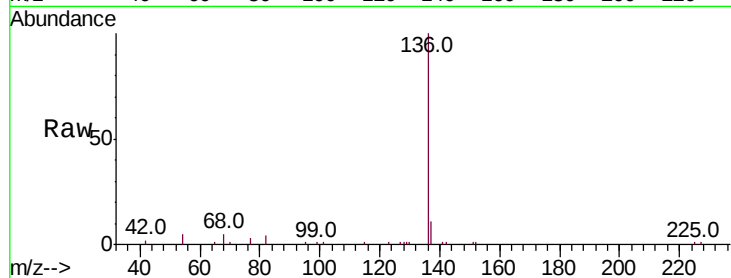
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 4.6 2.6 4.0#

68 5.4 3.4 5.2#

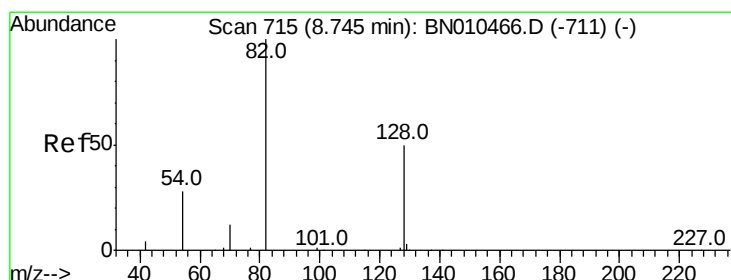
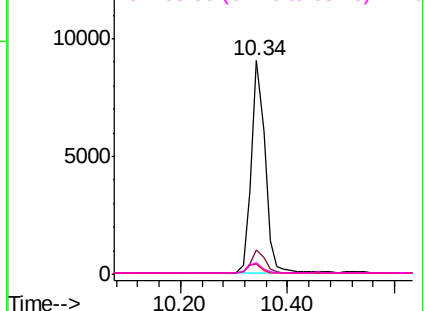


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.420 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

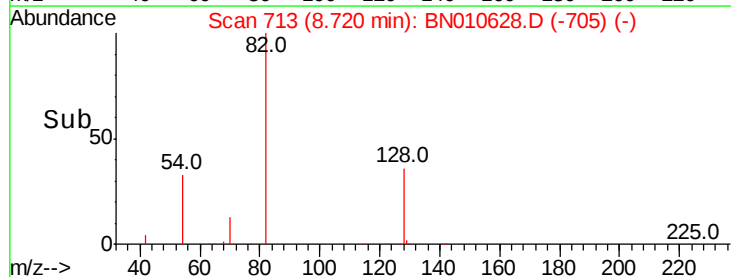
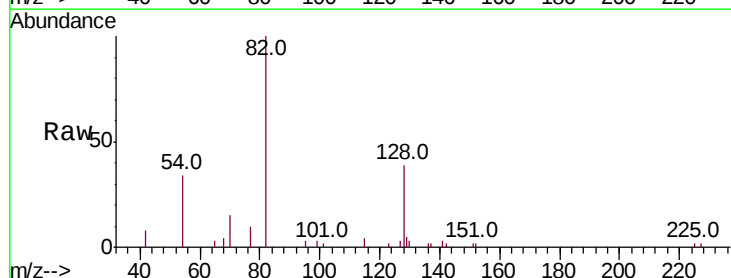
Tgt Ion: 82 Resp: 4713

Ion Ratio Lower Upper

82 100

128 39.2 41.3 61.9#

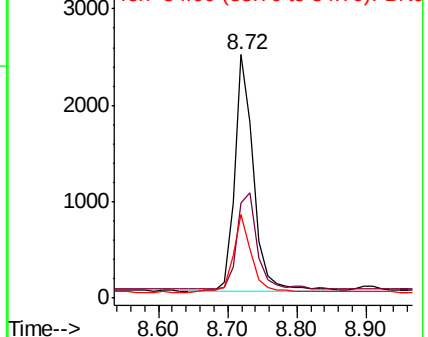
54 34.3 23.4 35.0

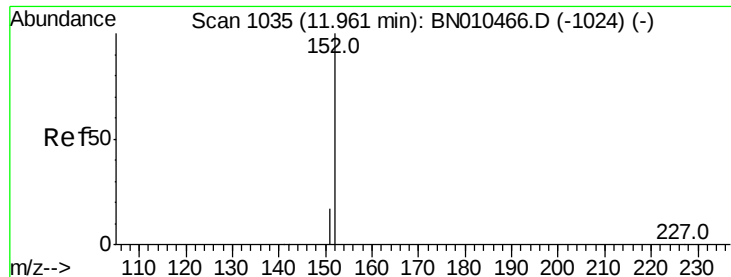


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

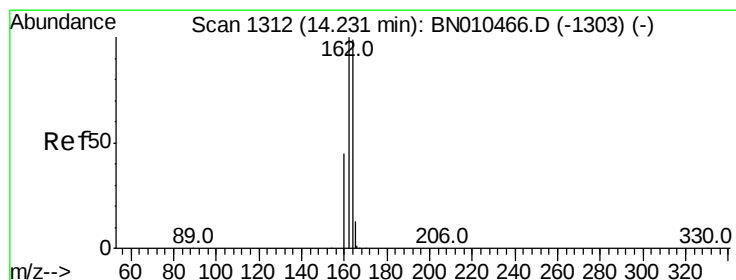
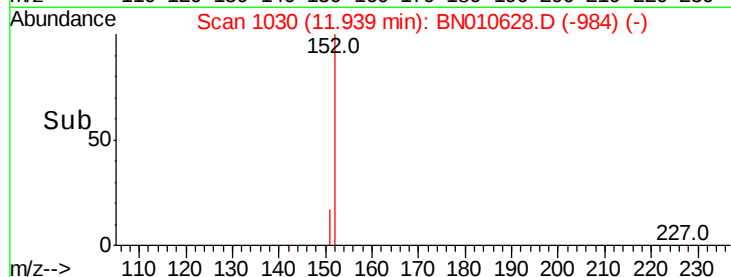
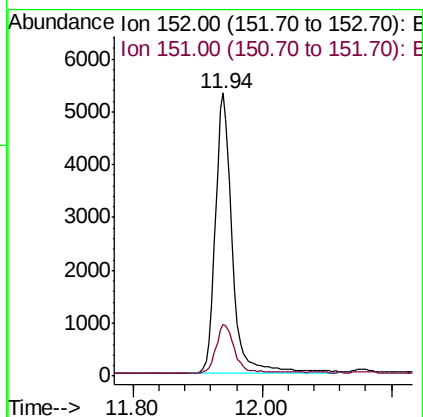
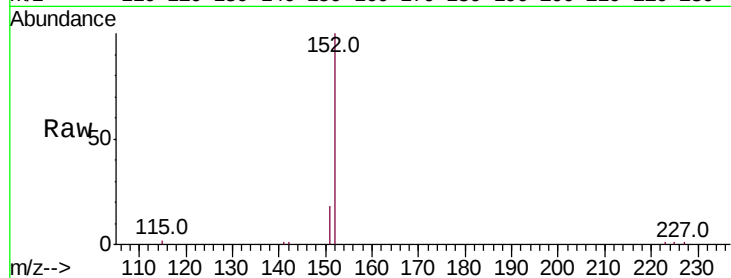




#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN010628.D
Acq: 28 Apr 2020 17:36

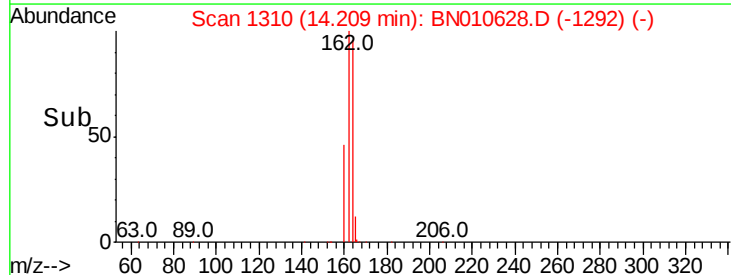
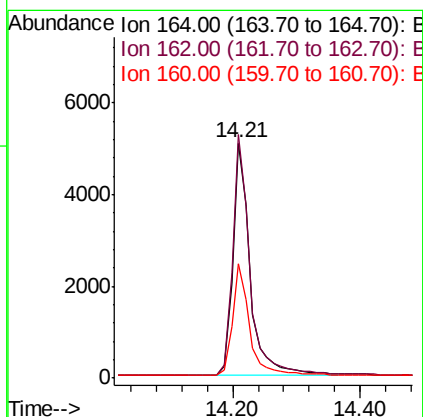
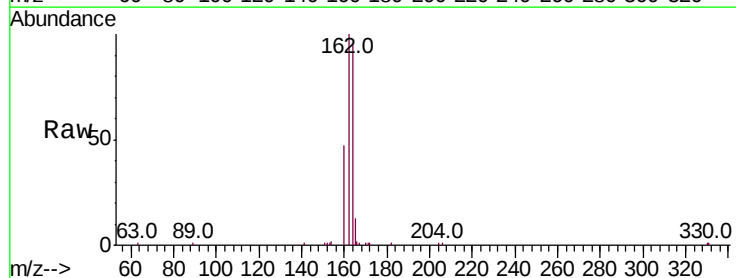
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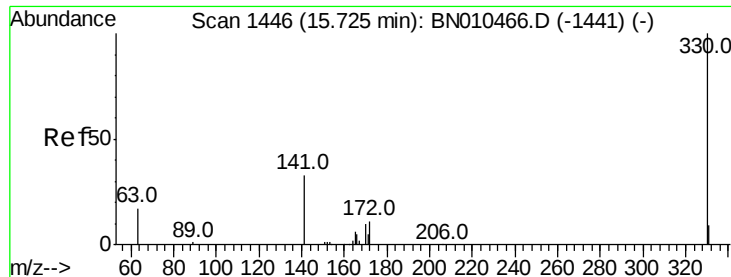
Tot Ion:152 Resp: 9523
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010628.D
Acq: 28 Apr 2020 17:36

Tgt Ion:164 Resp: 9633
Ion Ratio Lower Upper
164 100
162 103.7 80.6 121.0
160 48.5 36.5 54.7

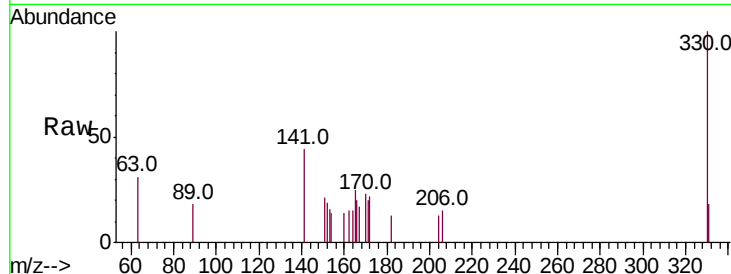




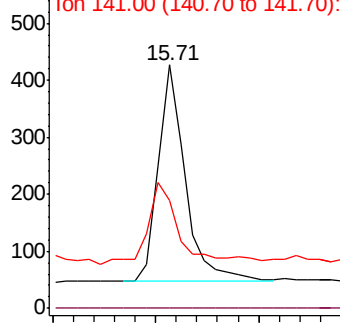
#14
 2,4,6-Tribromophenol
 Concen: 0.153 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BN010628.D
 Acq: 28 Apr 2020 17:36

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200420

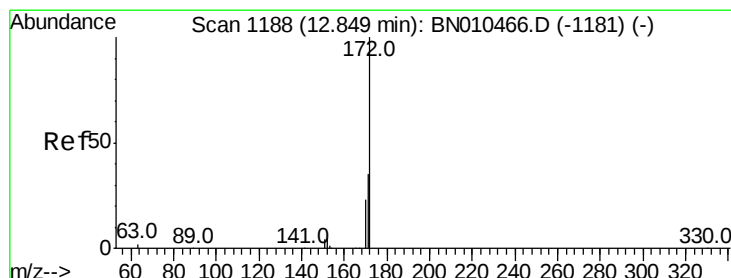
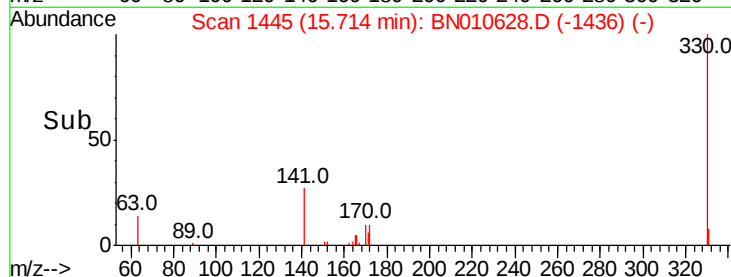
Tot Ion:330 Resp: 693
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.6 28.1 42.1#



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

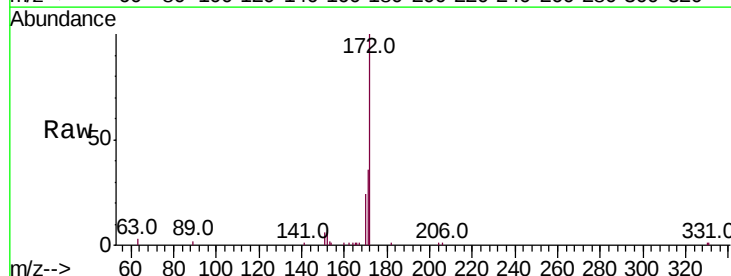


Time--> 15.60 15.70 15.80

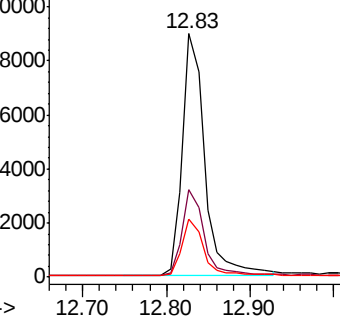


#15
 2-Fluorobiphenyl
 Concen: 0.477 ng
 RT: 12.83 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BN010628.D
 Acq: 28 Apr 2020 17:36

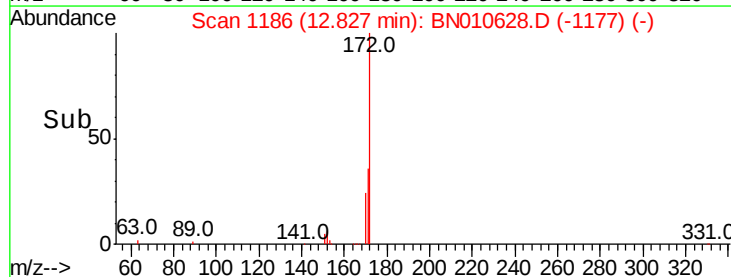
Tgt Ion:172 Resp: 16723
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.2
 170 24.0 18.4 27.6

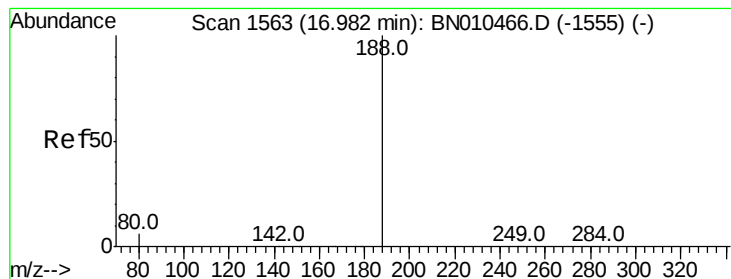


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.70 12.80 12.90





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

Instrument :

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ClientSampleId :

KY038PS037-200420

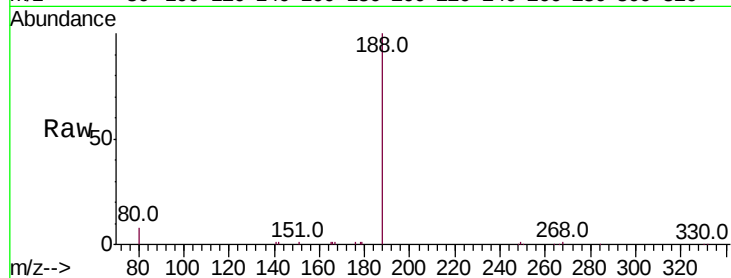
Tot Ion:188 Resp: 22294

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

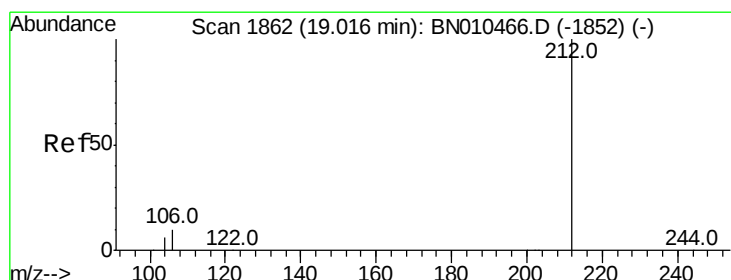
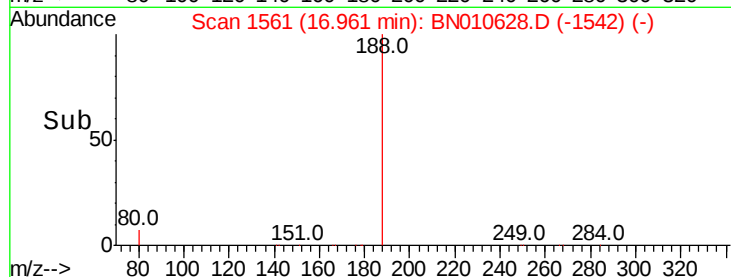
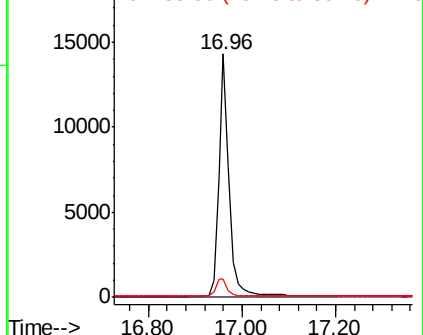
80 7.7 5.0 7.6#



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: 0.323 ng

RT: 19.00 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

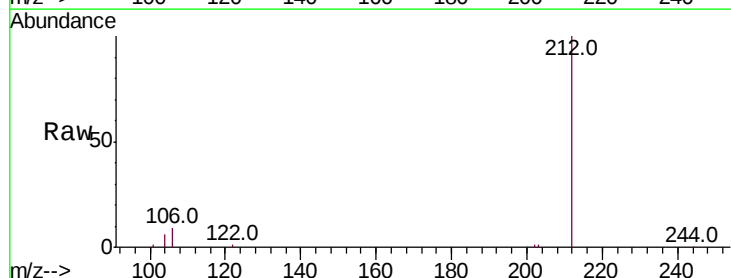
Tgt Ion:212 Resp: 21819

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

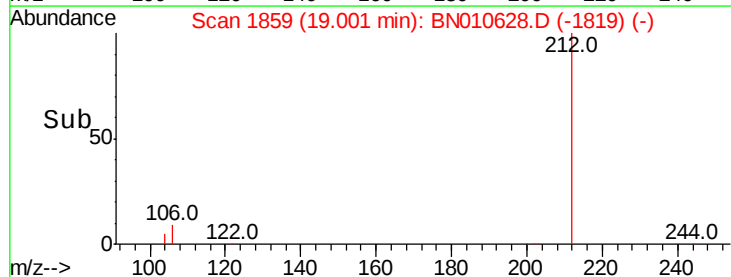
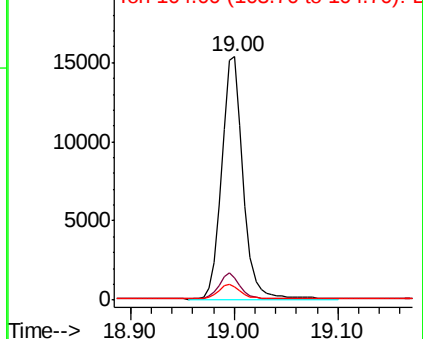
104 5.9 4.5 6.7

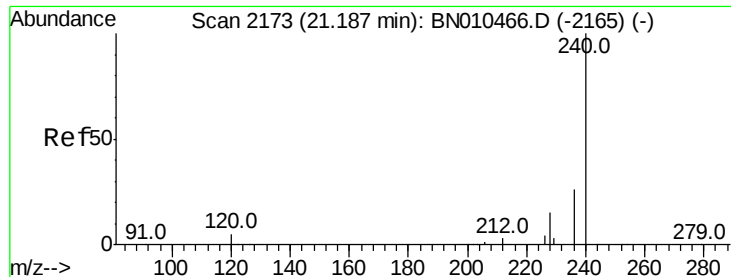


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010628.D

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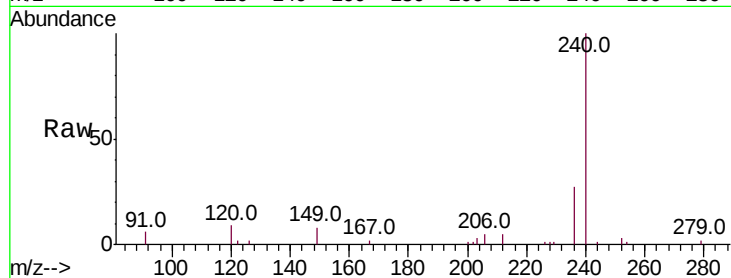
Tot Ion:240 Resp: 16584

Ion Ratio Lower Upper

240 100

120 9.0 4.8 7.2#

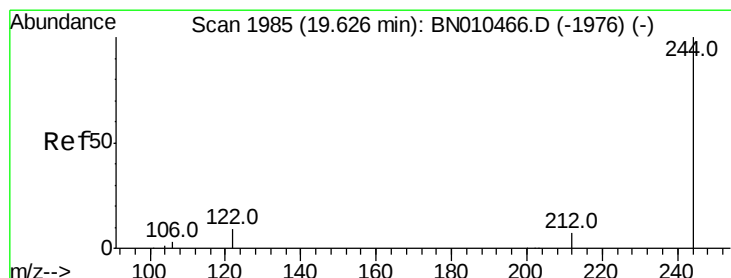
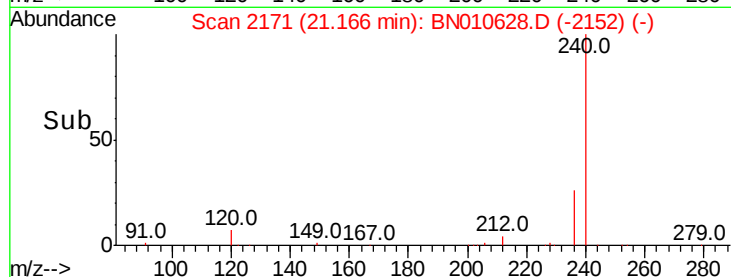
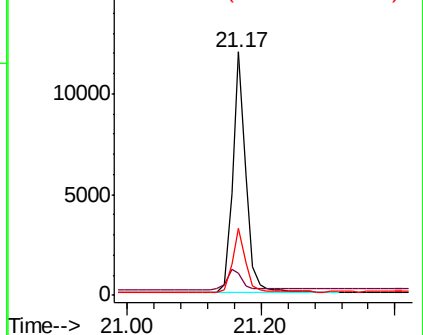
236 27.3 21.4 32.0



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: 0.556 ng

RT: 19.61 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

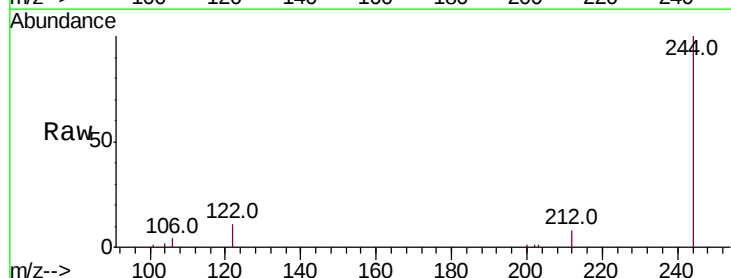
Tgt Ion:244 Resp: 21091

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

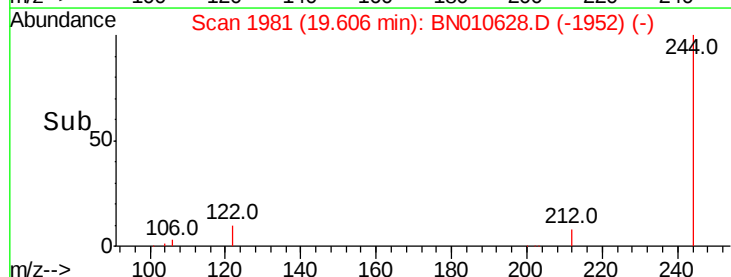
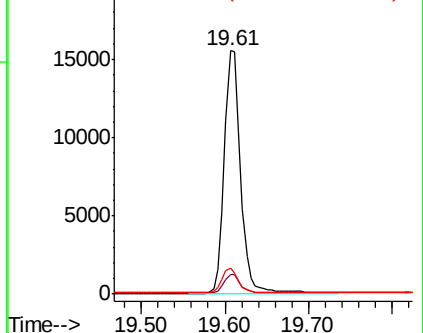
122 10.8 7.8 11.8

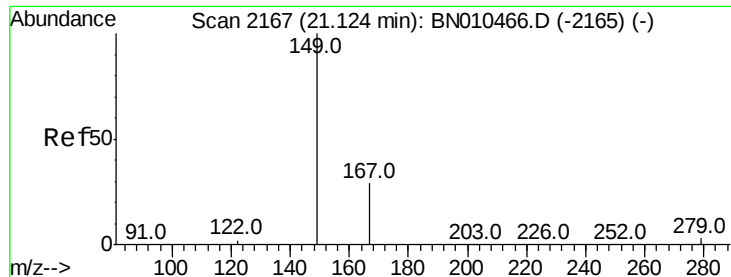


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200420

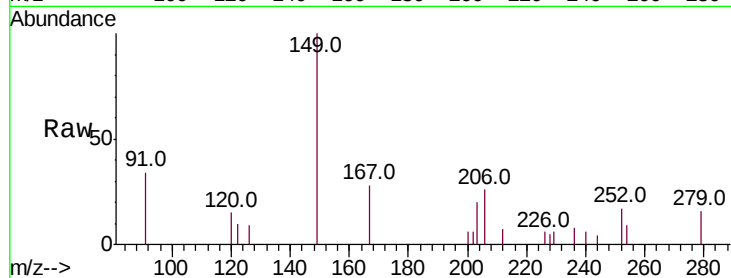
Tot Ion:149 Resp: 1272

Ion Ratio Lower Upper

149 100

167 29.9 23.4 35.0

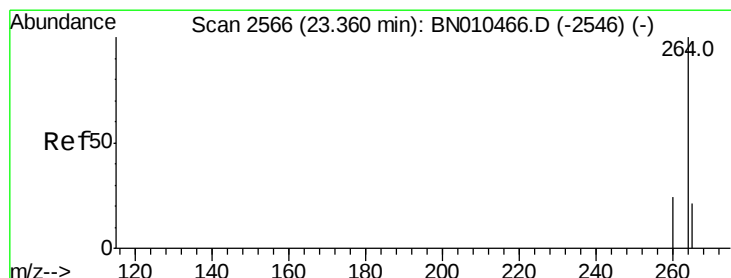
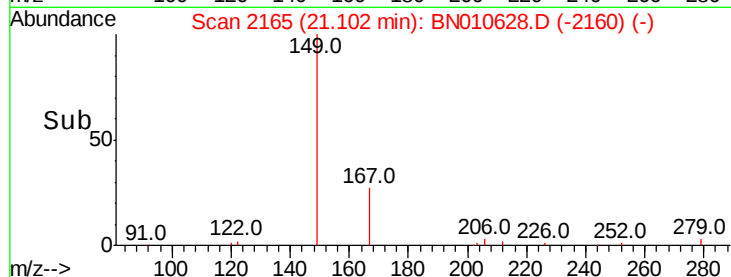
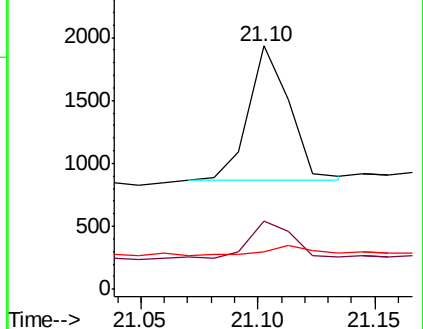
279 10.5 4.0 6.0#



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: 23.34 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

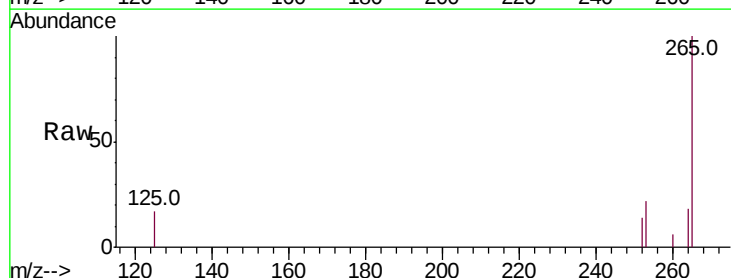
Tgt Ion:264 Resp: 1403

Ion Ratio Lower Upper

264 100

260 33.2 19.8 29.8#

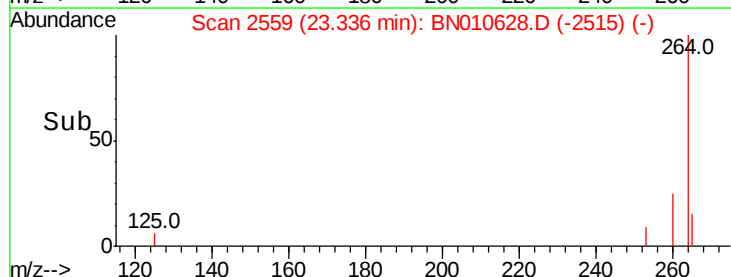
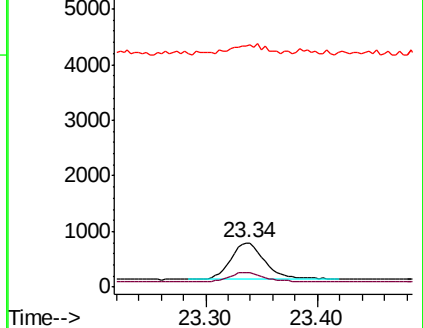
265 542.4 42.3 63.5#

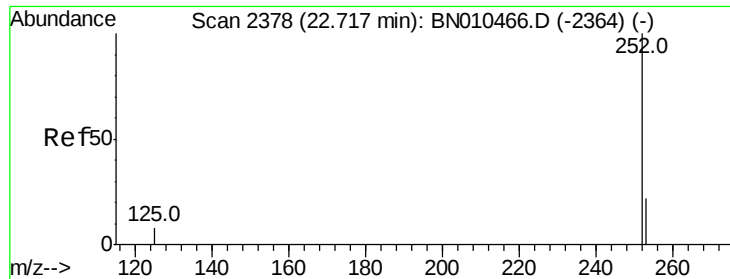


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.041 ng

RT: 22.70 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200420

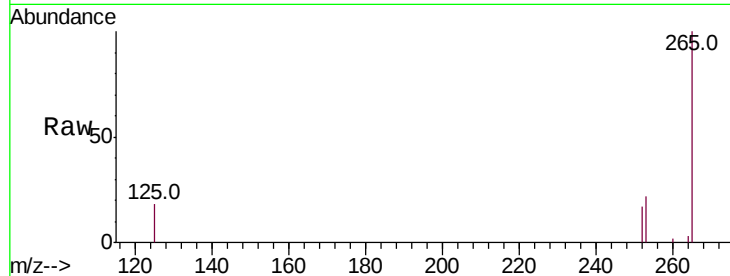
Tot Ion:252 Resp: 191

Ion Ratio Lower Upper

252 100

253 129.1 20.2 30.4#

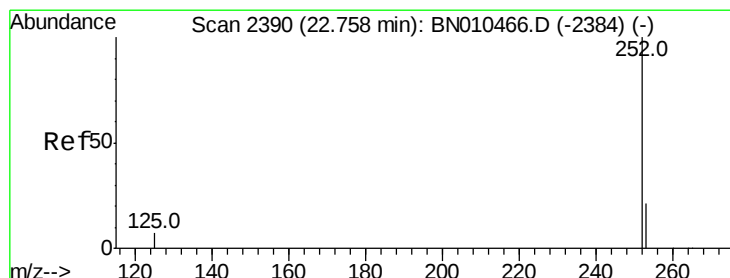
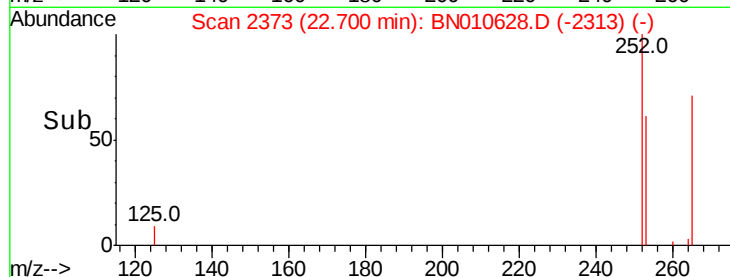
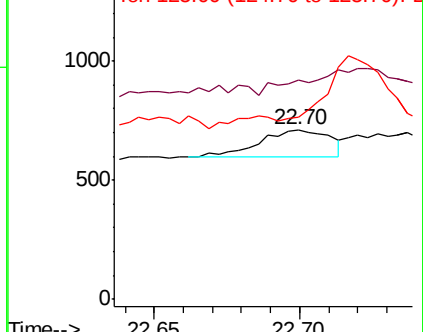
125 107.7 9.2 13.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.041 ng

RT: 22.70 min Scan# 2373

Delta R.T. -0.03 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

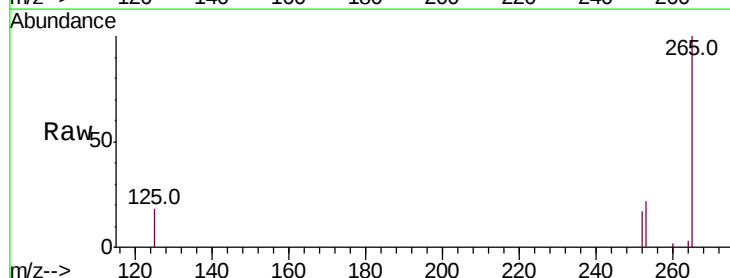
Tgt Ion:252 Resp: 191

Ion Ratio Lower Upper

252 100

253 129.1 20.1 30.1#

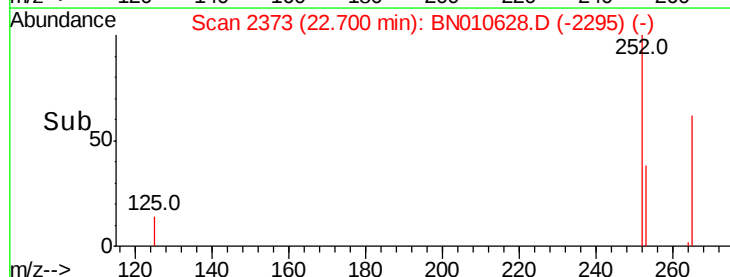
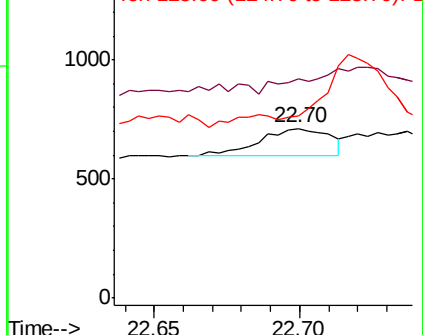
125 107.7 9.6 14.4#

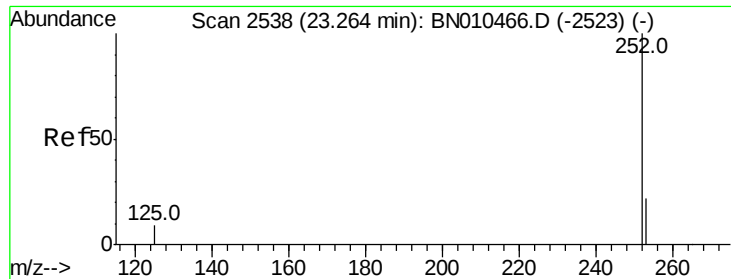


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.038 ng

RT: 23.26 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200420

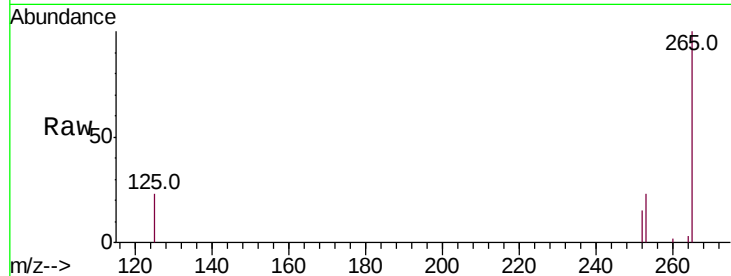
Tot Ion:252 Resp: 154

Ion Ratio Lower Upper

252 100

253 145.4 21.8 32.8#

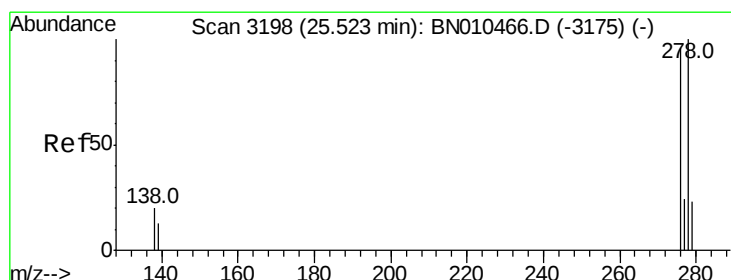
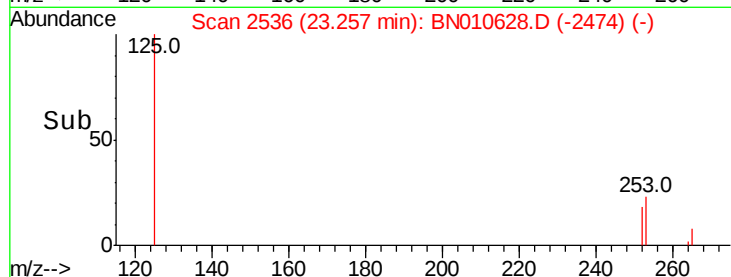
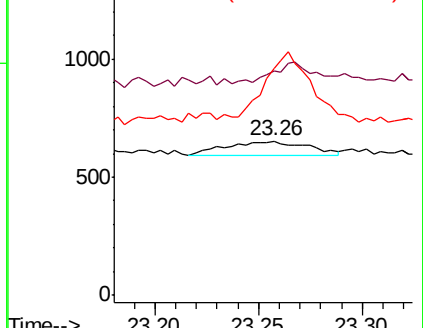
125 147.1 11.0 16.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.024 ng

RT: 25.49 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

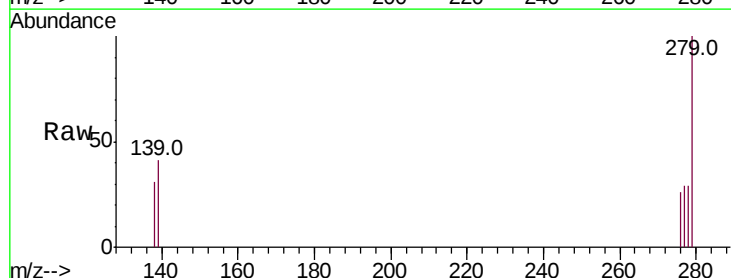
Tgt Ion:278 Resp: 91

Ion Ratio Lower Upper

278 100

139 142.9 12.3 18.5#

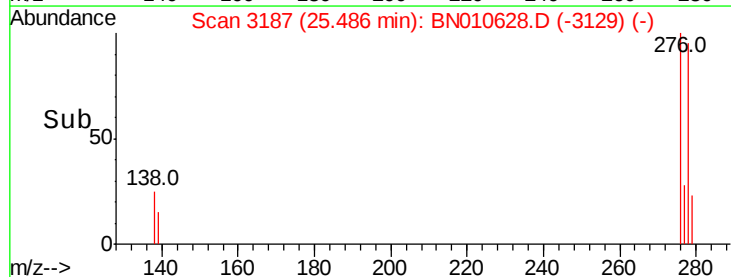
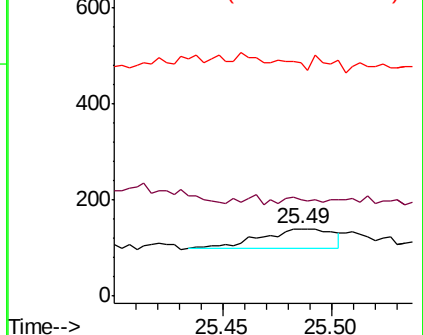
279 345.7 21.9 32.9#

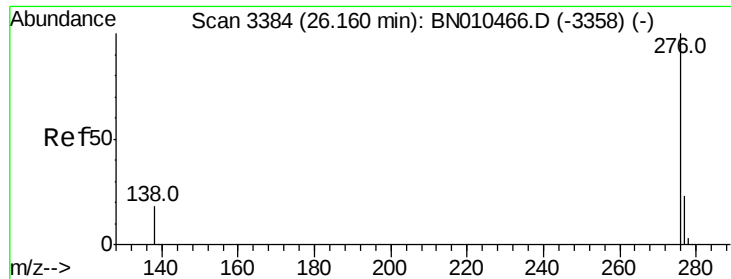


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.029 ng

RT: 26.12 min Scan# 3372

Delta R.T. 0.00 min

Lab File: BN010628.D

Acq: 28 Apr 2020 17:36

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200420

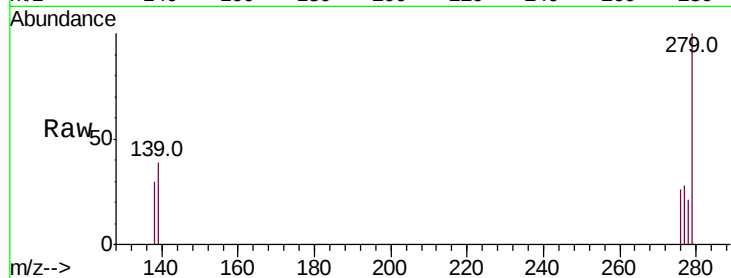
Tot Ion: 276 Resp: 110

Ion Ratio Lower Upper

276 100

277 111.2 20.2 30.2#

138 117.6 15.4 23.2#



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

