

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011230.D
 Acq On : 22 Jul 2020 22:36
 Operator : CG/JU
 Sample : L3371-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200720

Quant Time: Jul 23 03:57:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1805	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	6377	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	4013	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	9189	0.40	ng	0.00
29) Chrysene-d12	21.09	240	7412	0.40	ng	-0.01
36) Perylene-d12	23.22	264	6519	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.15	112	760	0.17	ng	0.00
5) Phenol-d6	6.69	99	527	0.10	ng	0.00
8) Nitrobenzene-d5	8.63	82	2438	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.84	152	3683	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	615	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	9183	0.49	ng	0.00
27) Fluoranthene-d10	18.91	212	9833	0.34	ng	0.00
31) Terphenyl-d14	19.53	244	11517	0.60	ng	0.00

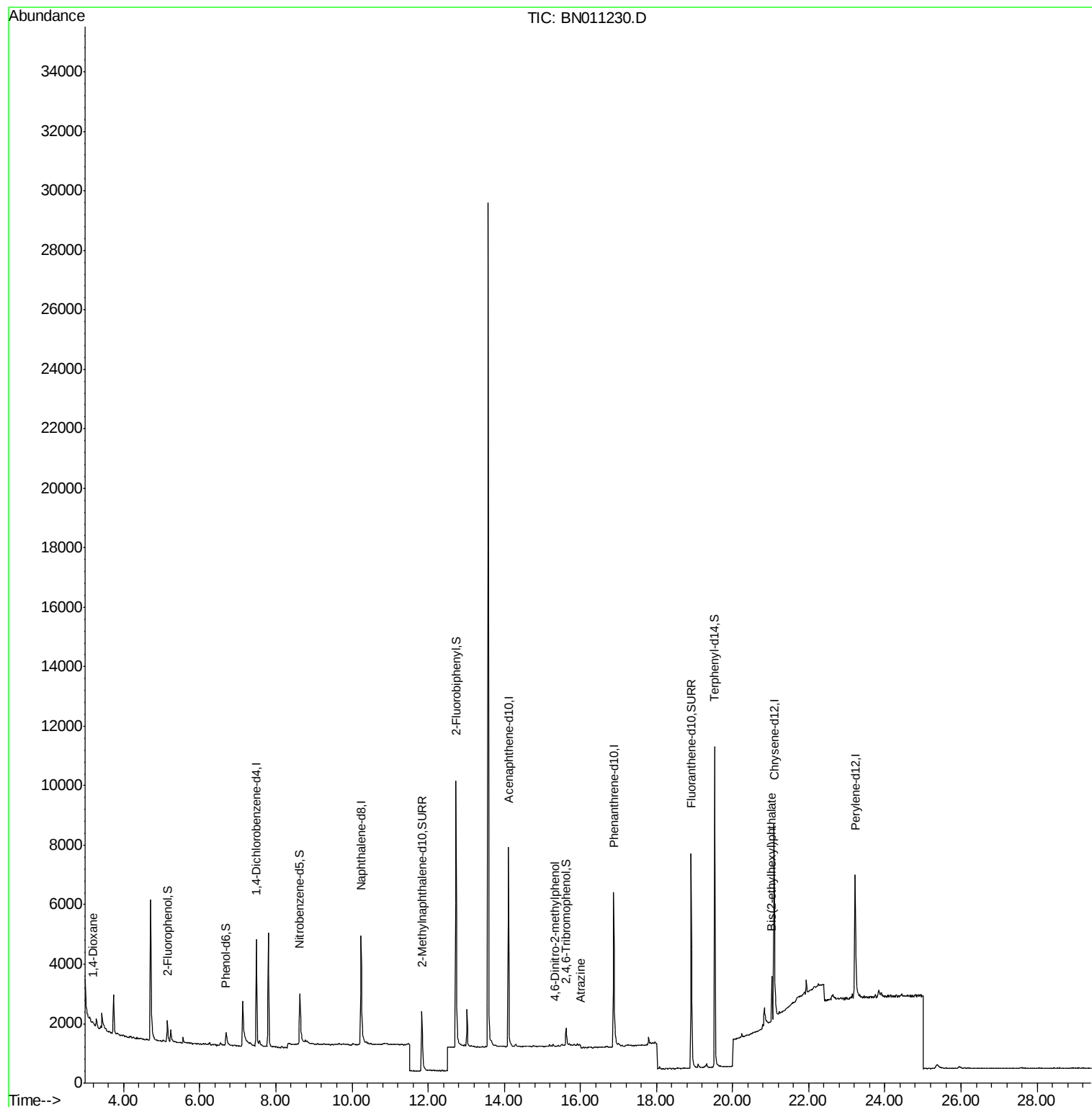
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	110	0.043	ng	# 76
20) 4,6-Dinitro-2-methylphenol	15.32	198	8	0.138	ng	# 1
23) Atrazine	16.02	200	170	0.039	ng	# 9
34) Bis(2-ethylhexyl)phthalate	21.02	149	1432	0.145	ng	95
35) Indeno(1,2,3-cd)pyrene	25.34	276	80	Below Cal		# 86

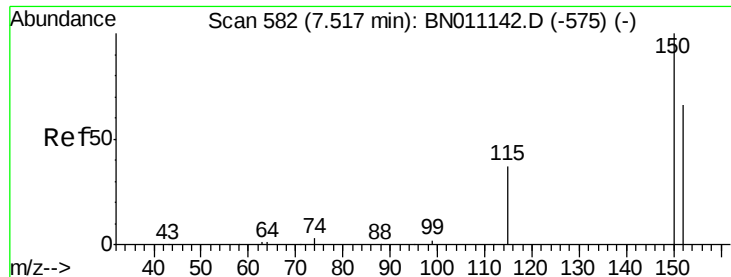
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

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ClientSampleId :

KY038PS038-200720

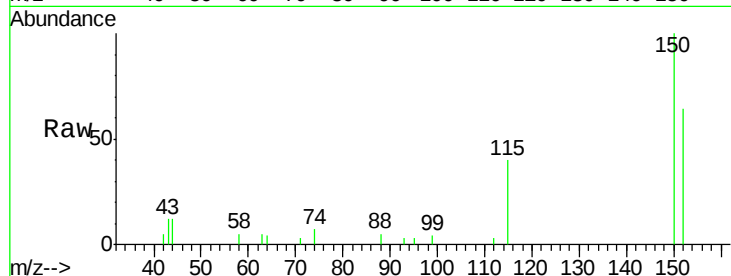
Tot Ion:152 Resp: 1805

Ion Ratio Lower Upper

152 100

150 155.4 119.4 179.0

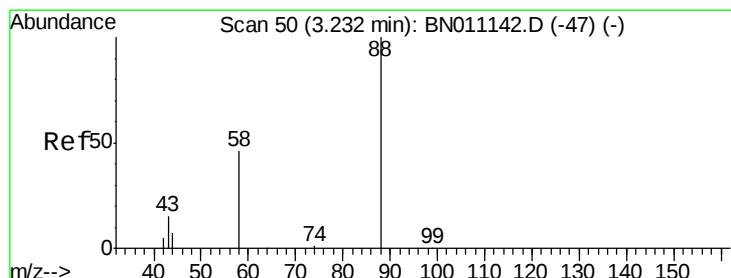
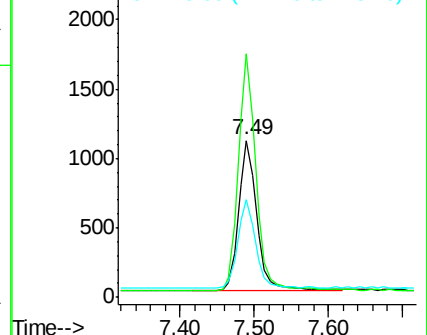
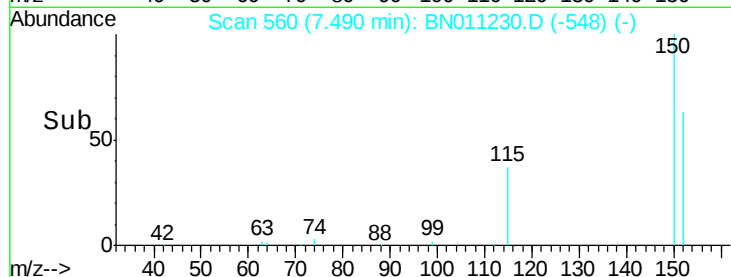
115 62.3 48.3 72.5



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: 0.043 ng

RT: 3.20 min Scan# 27

Delta R.T. 0.01 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

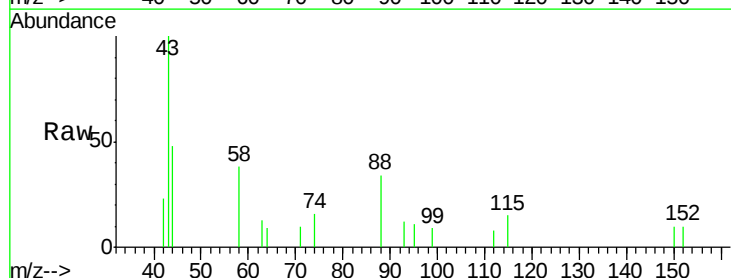
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

58 57.3 36.5 54.7#

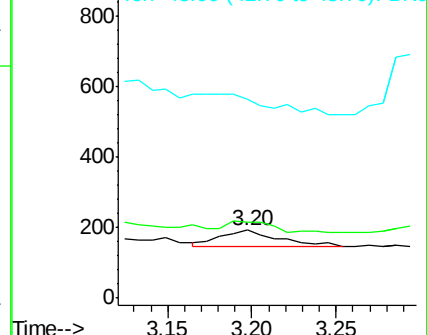
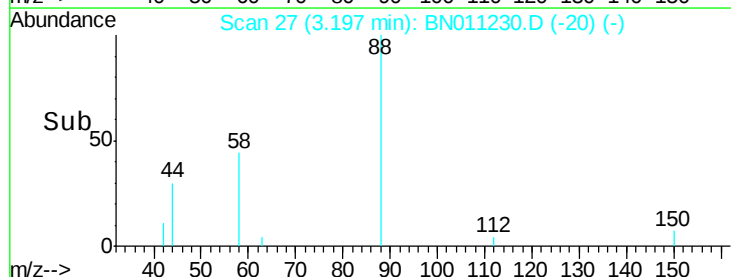
43 0.0 14.3 21.5#

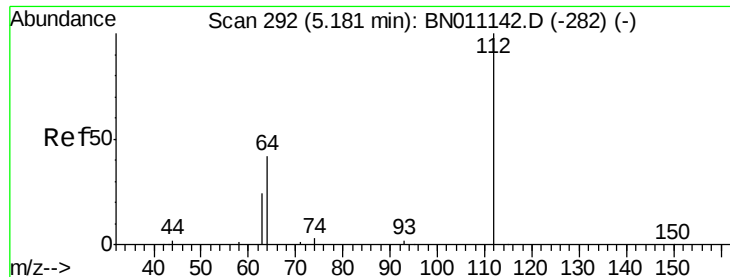


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.15 min Scan# 270

Delta R.T. 0.01 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200720

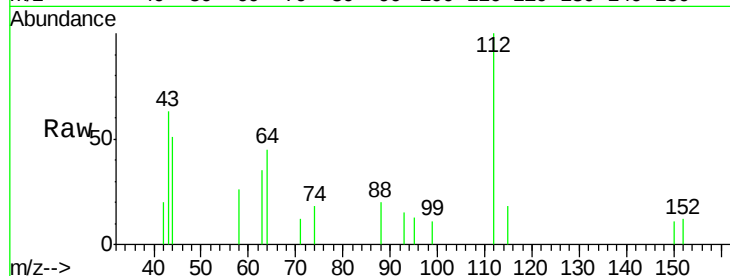
Tot Ion: 112 Resp: 760

Ion Ratio Lower Upper

112 100

64 46.4 36.7 55.1

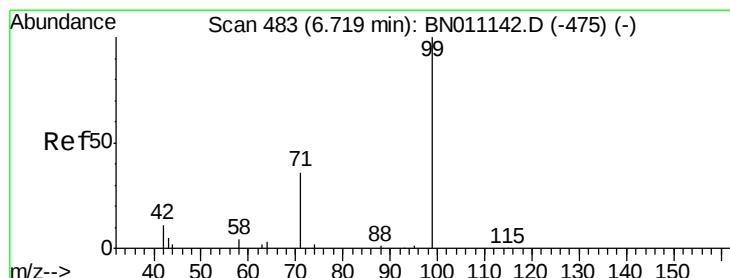
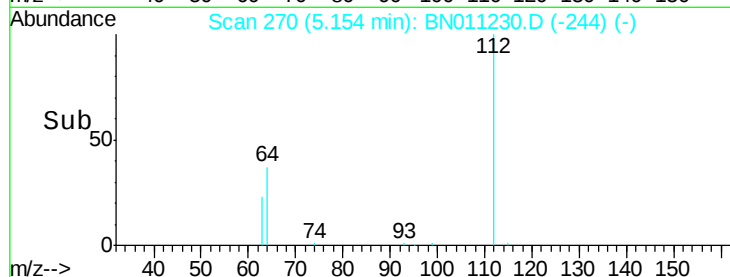
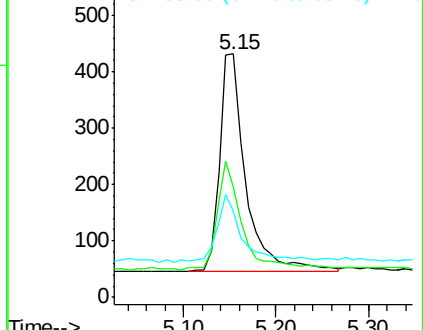
63 30.1 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.105 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

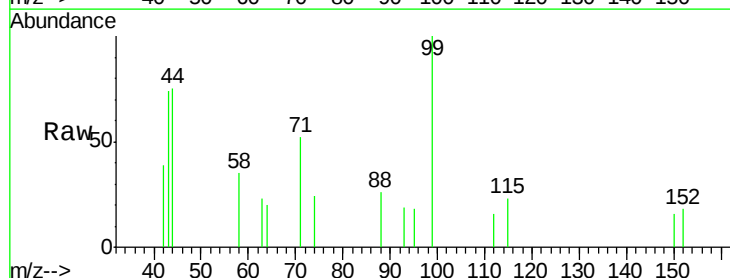
Tgt Ion: 99 Resp: 527

Ion Ratio Lower Upper

99 100

42 20.7 10.8 16.2#

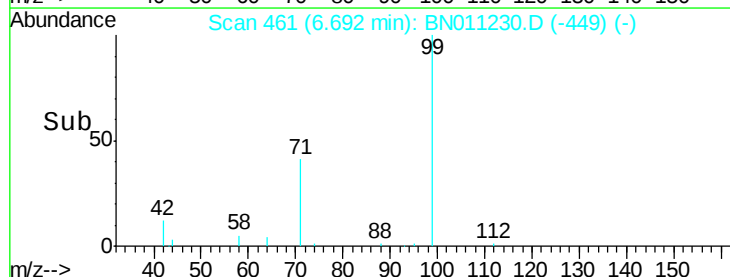
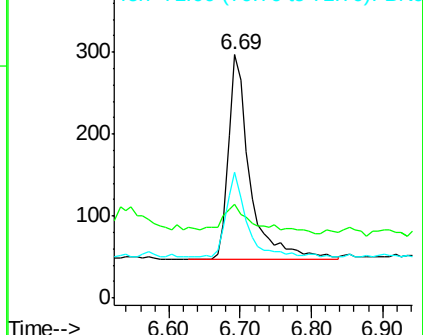
71 38.7 31.3 46.9

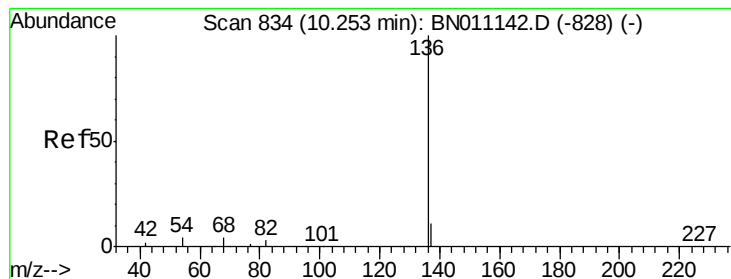


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200720

Tot Ion:136 Resp: 6377

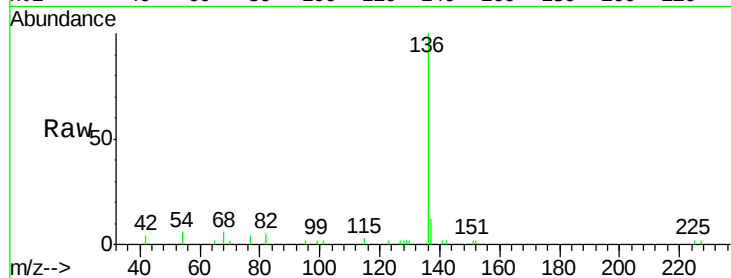
Ion Ratio Lower Upper

136 100

137 11.9 10.3 15.5

54 6.1 4.9 7.3

68 6.1 4.9 7.3

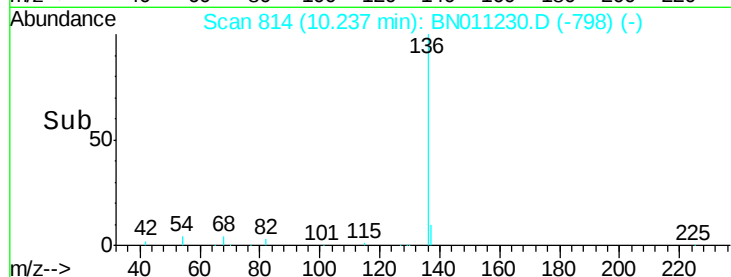


Abundance Ion 136.00 (135.70 to 136.70): E

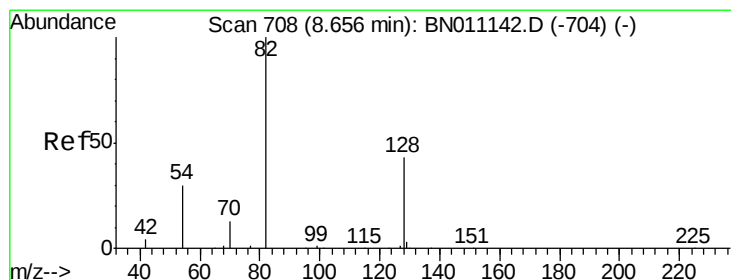
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 10.00 10.20 10.40



#8

Nitrobenzene-d5

Concen: 0.431 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

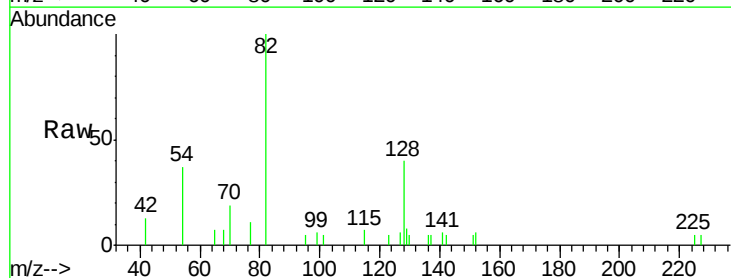
Tgt Ion: 82 Resp: 2438

Ion Ratio Lower Upper

82 100

128 40.4 38.1 57.1

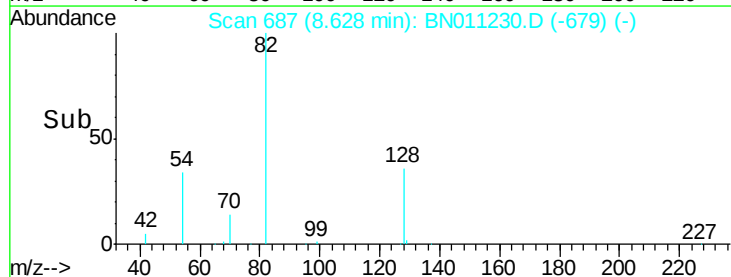
54 37.2 27.1 40.7



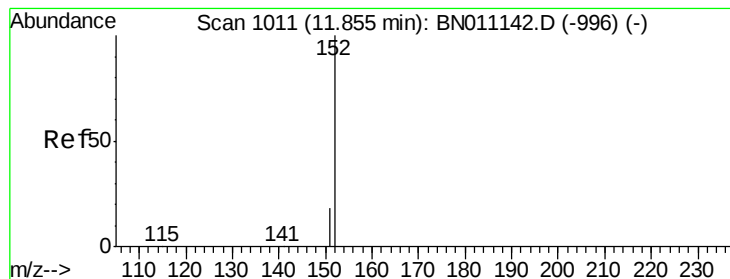
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



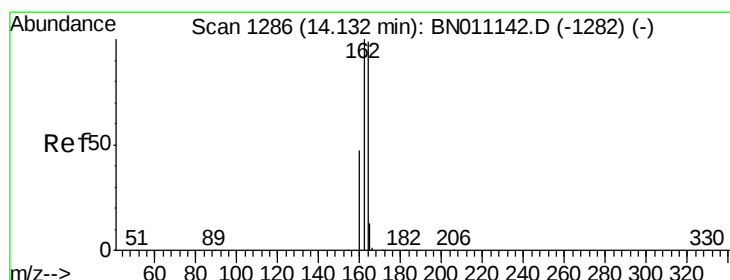
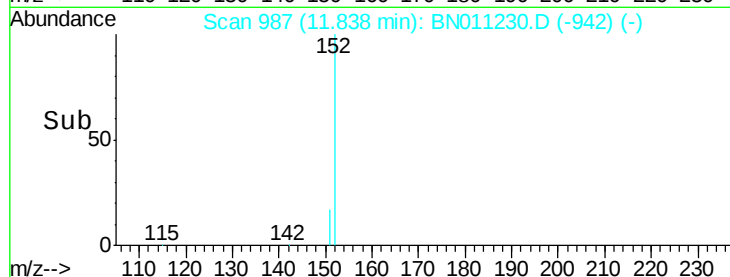
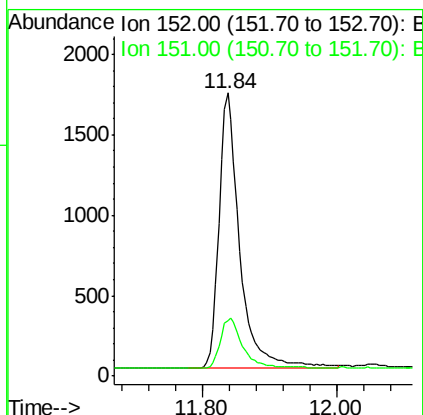
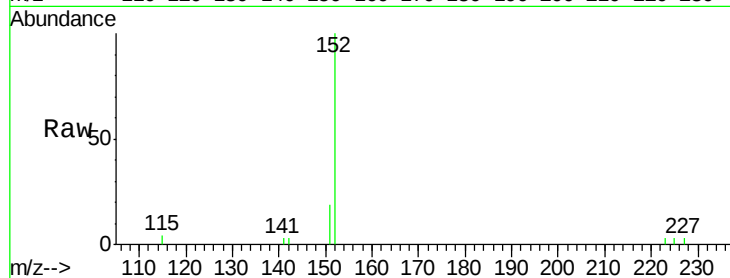
Time--> 8.50 8.60 8.70 8.80



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.84 min Scan# 987
Delta R.T. 0.00 min
Lab File: BN011230.D
Acq: 22 Jul 2020 22:36

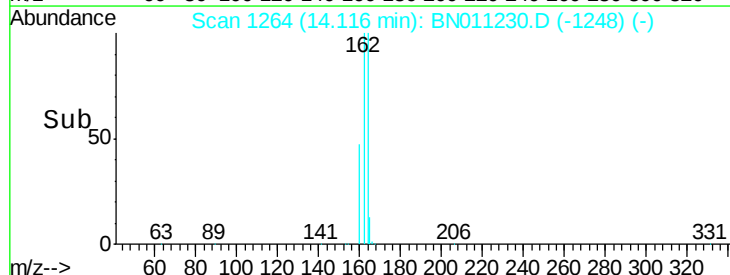
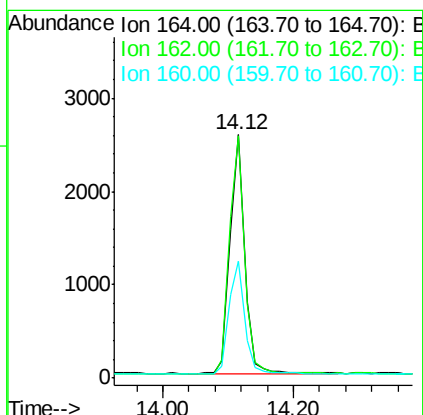
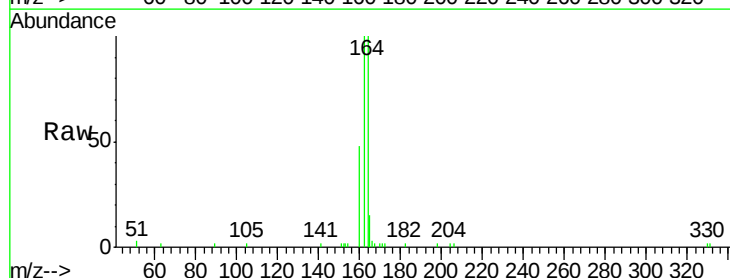
Instrument :
BNA_N
ClientSampleId :
KY038PS038-200720

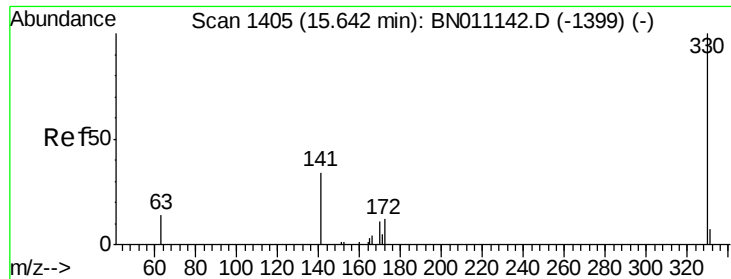
Tot Ion:152 Resp: 3683
Ion Ratio Lower Upper
152 100
151 19.5 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.12 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011230.D
Acq: 22 Jul 2020 22:36

Tgt Ion:164 Resp: 4013
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 48.2 39.0 58.6

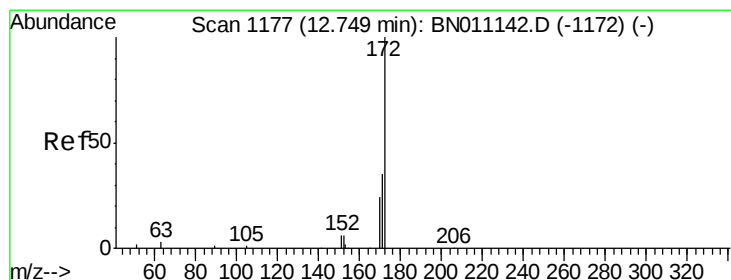
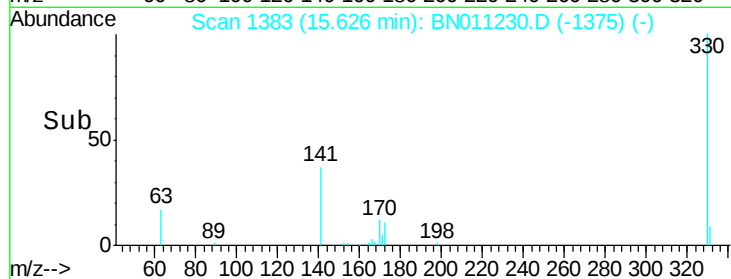
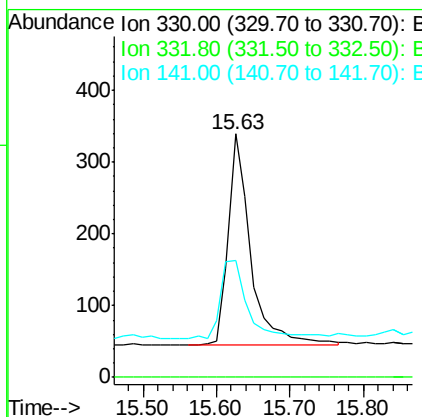
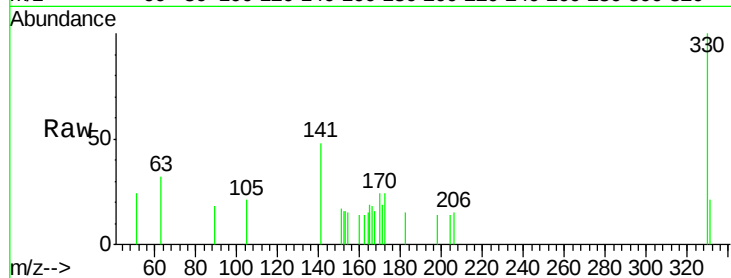




#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.63 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BN011230.D
Acq: 22 Jul 2020 22:36

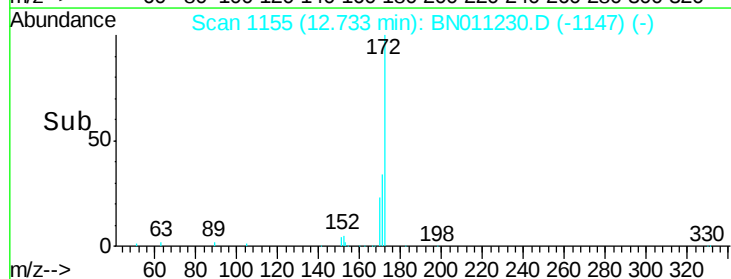
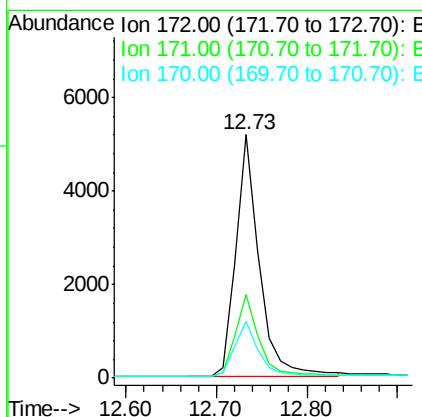
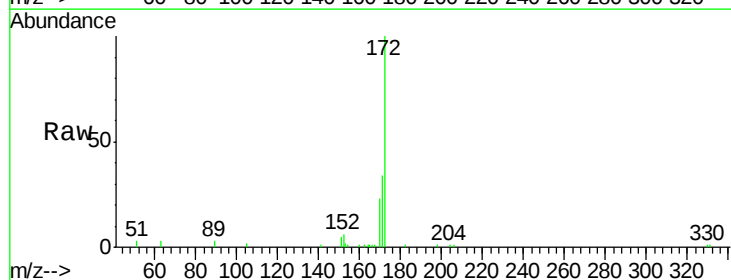
Instrument :
BNA_N
ClientSampleId :
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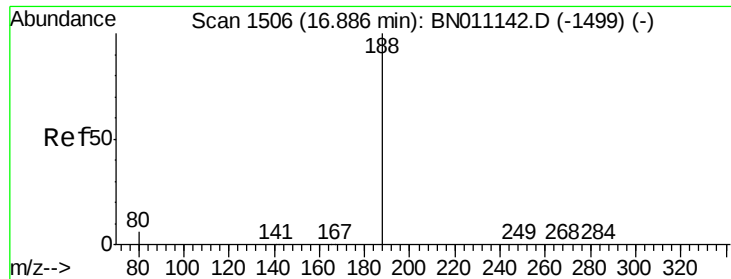
Tot Ion:330 Resp: 615
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.0 31.5 47.3



#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011230.D
Acq: 22 Jul 2020 22:36

Tgt Ion:172 Resp: 9183
Ion Ratio Lower Upper
172 100
171 34.4 29.0 43.6
170 23.4 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200720

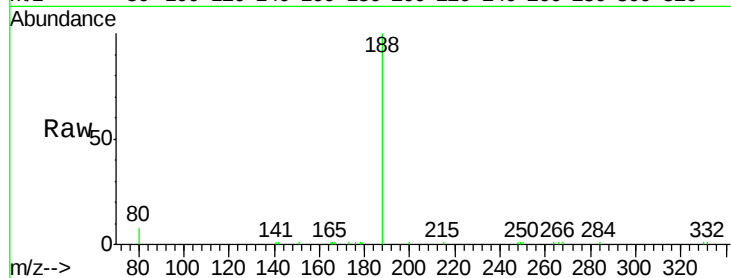
Tot Ion:188 Resp: 9189

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

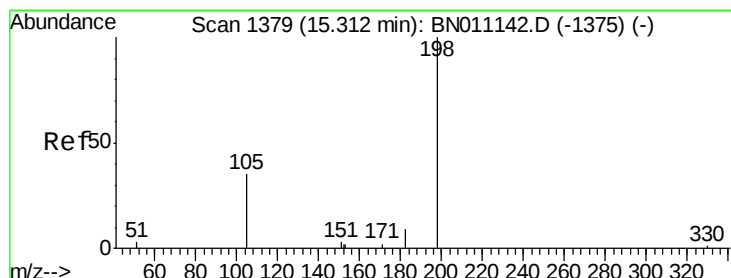
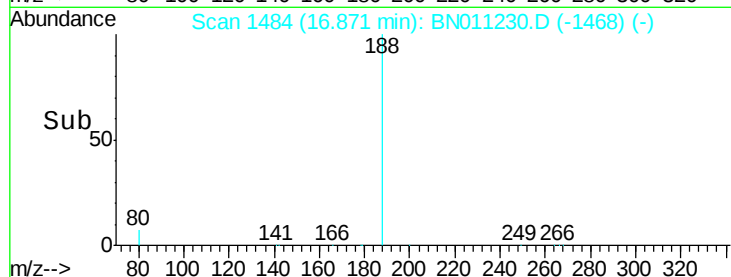
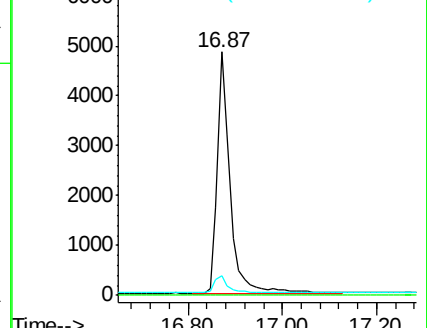
80 8.0 6.3 9.5



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.32 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

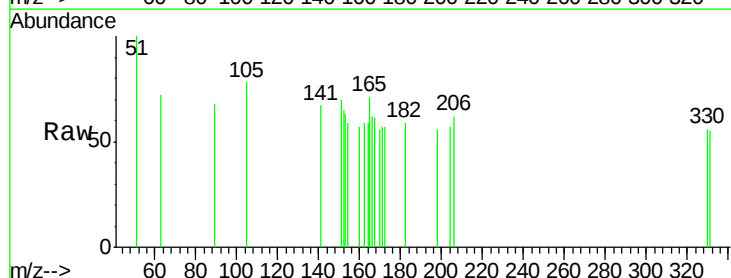
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

198 100

51 178.3 53.1 79.7#

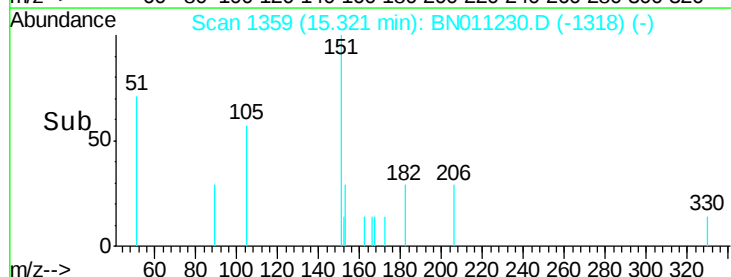
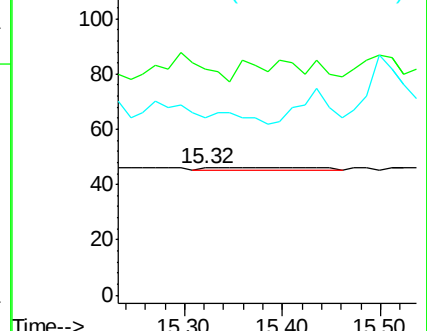
105 139.1 51.9 77.9#

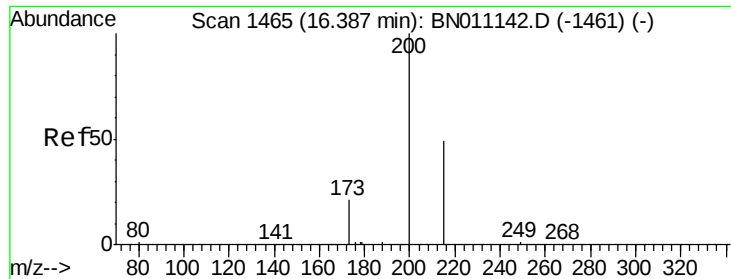


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.039 ng

RT: 16.02 min Scan# 1414

Delta R.T. -0.35 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

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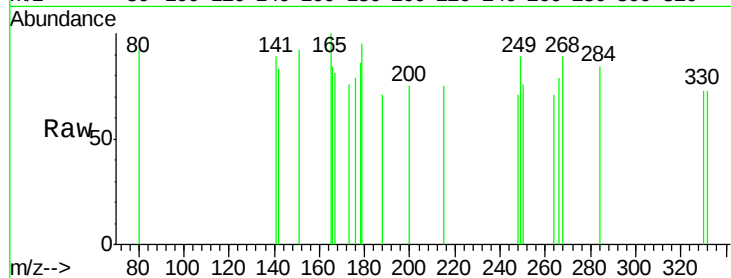
Tot Ion:200 Resp: 170

Ion Ratio Lower Upper

200 100

173 102.1 23.0 34.4#

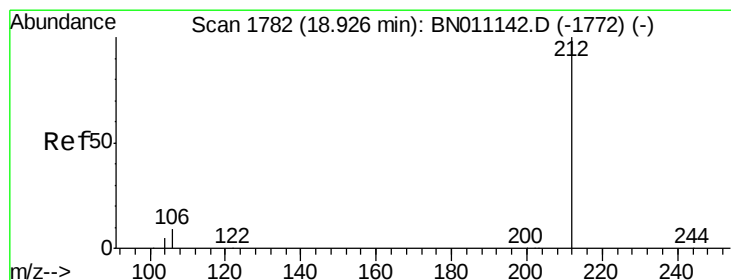
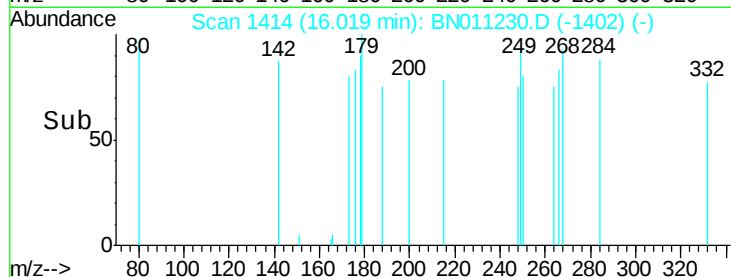
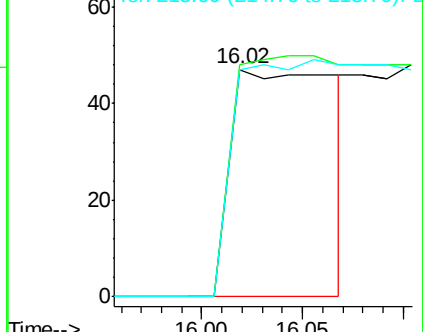
215 100.0 42.6 63.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.339 ng

RT: 18.91 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

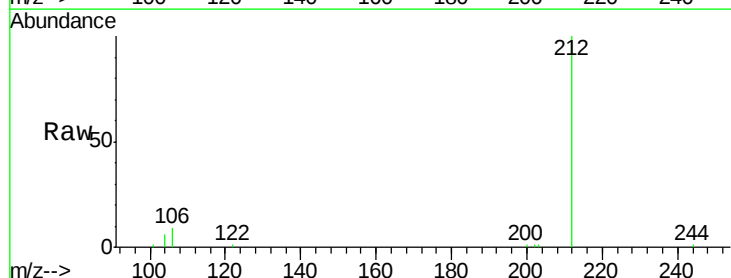
Tgt Ion:212 Resp: 9833

Ion Ratio Lower Upper

212 100

106 8.4 7.0 10.6

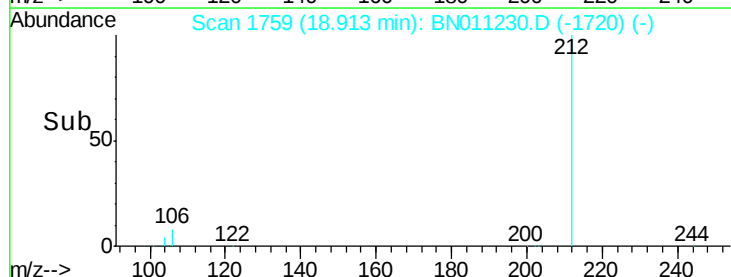
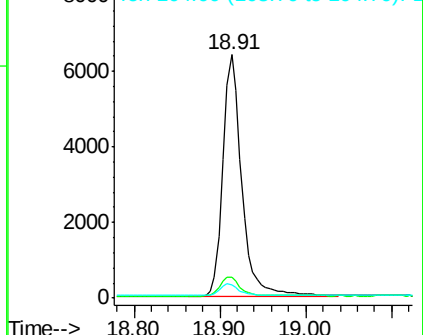
104 4.8 4.2 6.4

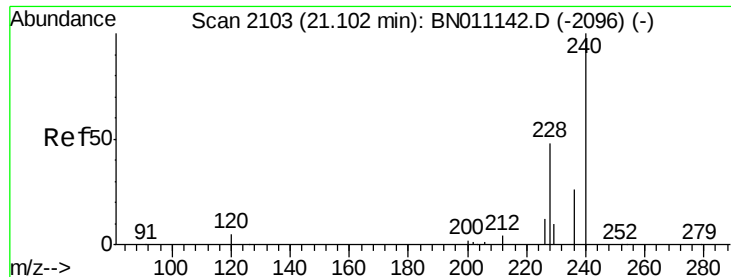


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200720

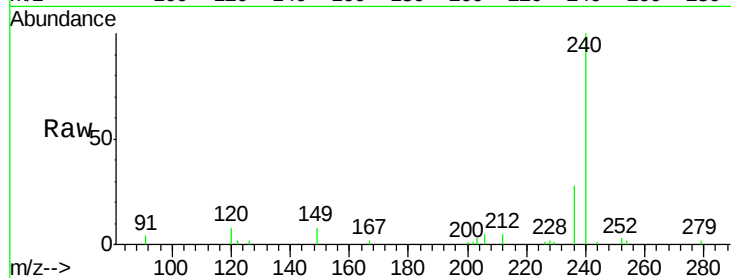
Tot Ion:240 Resp: 7412

Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

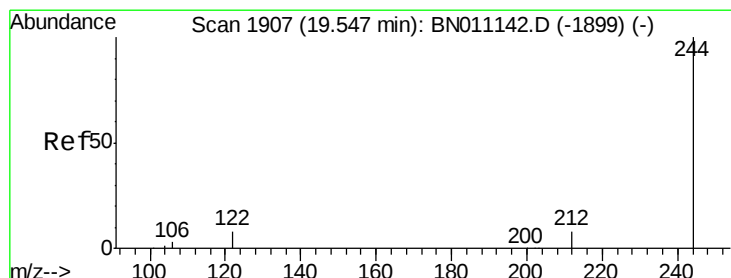
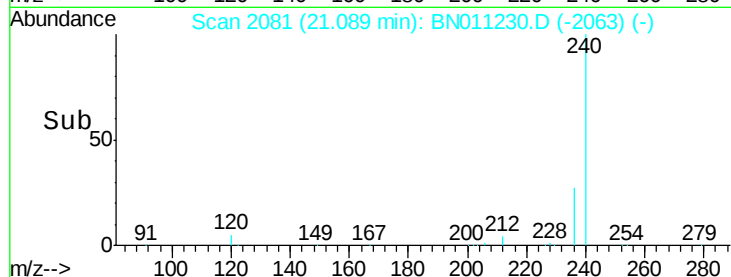
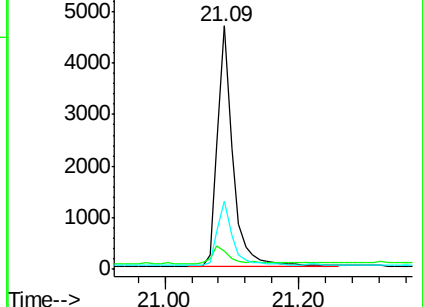
236 28.1 21.9 32.9



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



#31

Terphenyl-d14

Concen: 0.597 ng

RT: 19.53 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

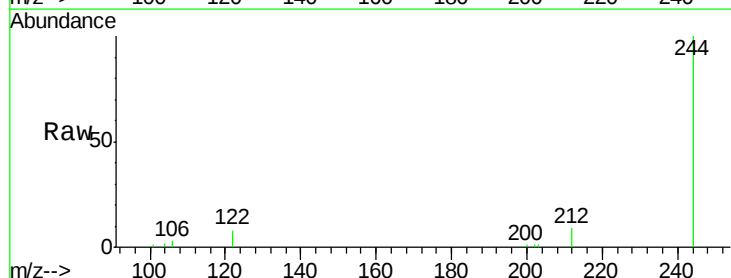
Tgt Ion:244 Resp: 11517

Ion Ratio Lower Upper

244 100

212 8.8 7.8 11.6

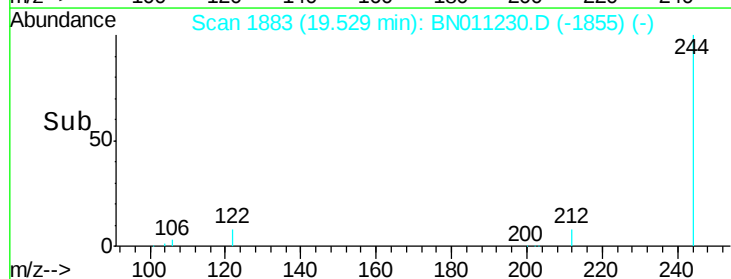
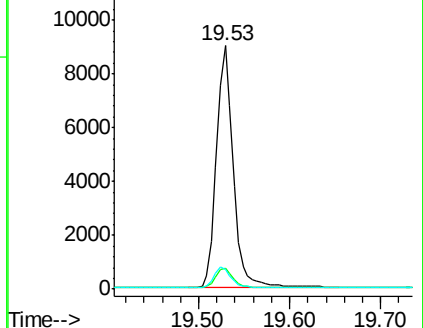
122 8.2 7.4 11.0

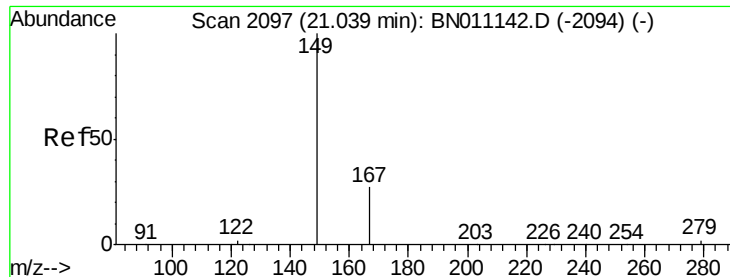


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200720

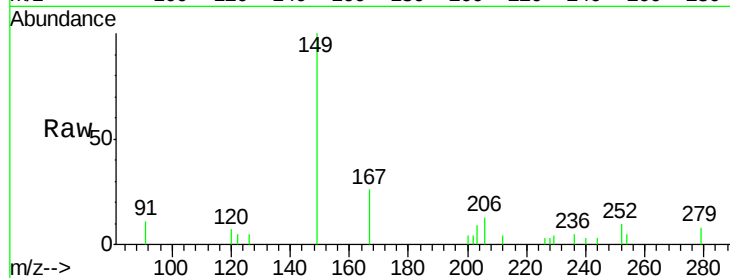
Tot Ion:149 Resp: 1432

Ion Ratio Lower Upper

149 100

167 25.9 23.4 35.0

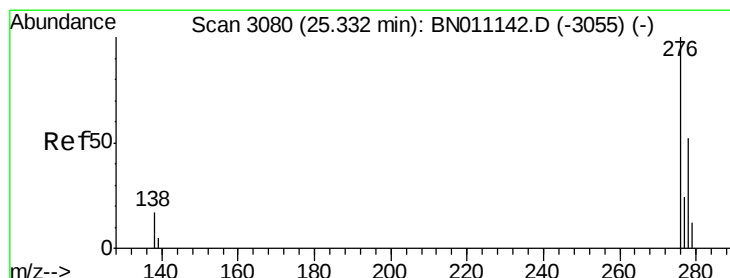
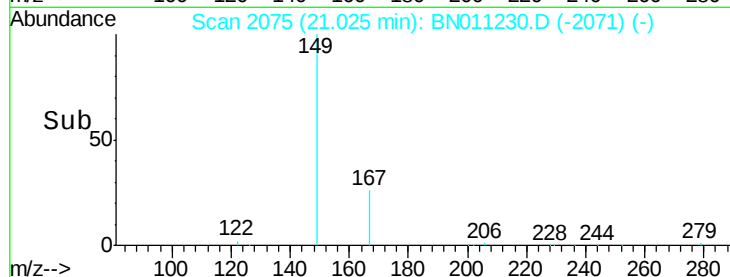
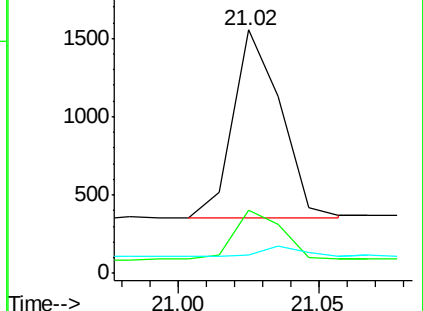
279 5.3 4.5 6.7



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



#35

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 25.34 min Scan# 3062

Delta R.T. 0.02 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

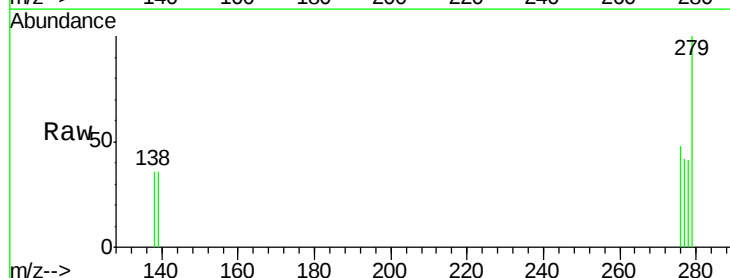
Tgt Ion:276 Resp: 80

Ion Ratio Lower Upper

276 100

138 2.5 13.0 19.6#

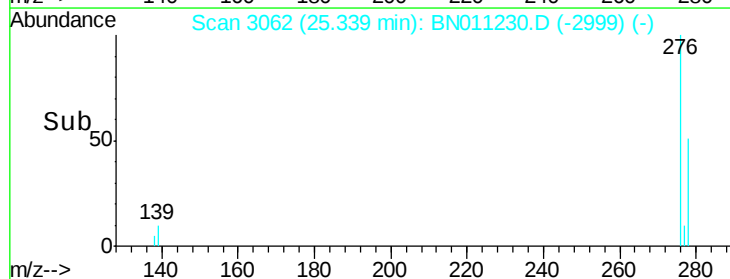
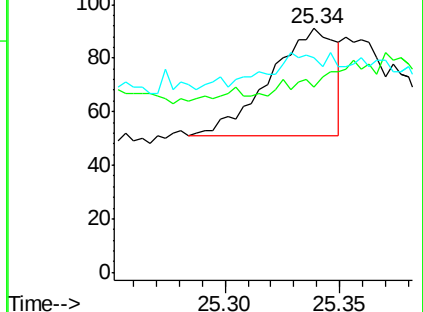
277 23.8 19.7 29.5

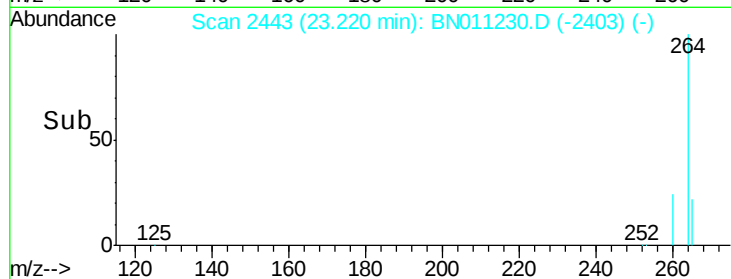
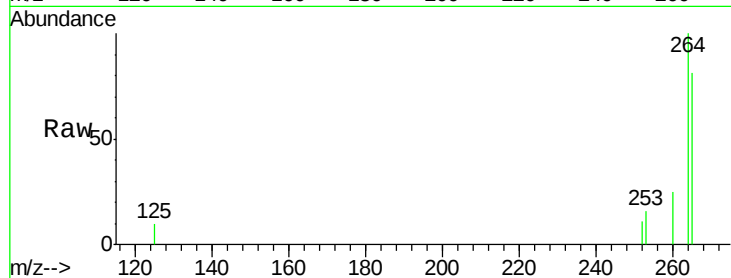
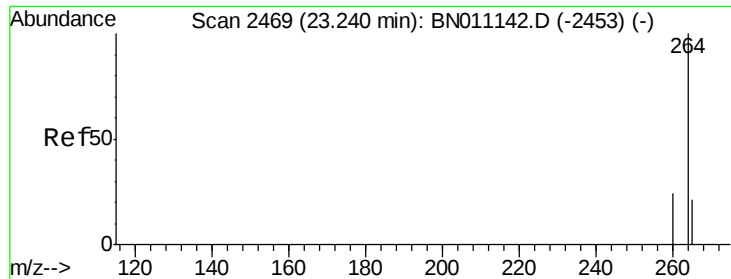


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BN011230.D

Acq: 22 Jul 2020 22:36

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200720

Tot Ion: 264 Resp: 6519

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 81.0 76.6 115.0

