

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
 Data File : BN011060.D
 Acq On : 26 Jun 2020 15:30
 Operator : CG/JU
 Sample : L3117-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200624

Quant Time: Jun 26 16:08:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 11:59:47 2020
 Response via : Initial Calibration

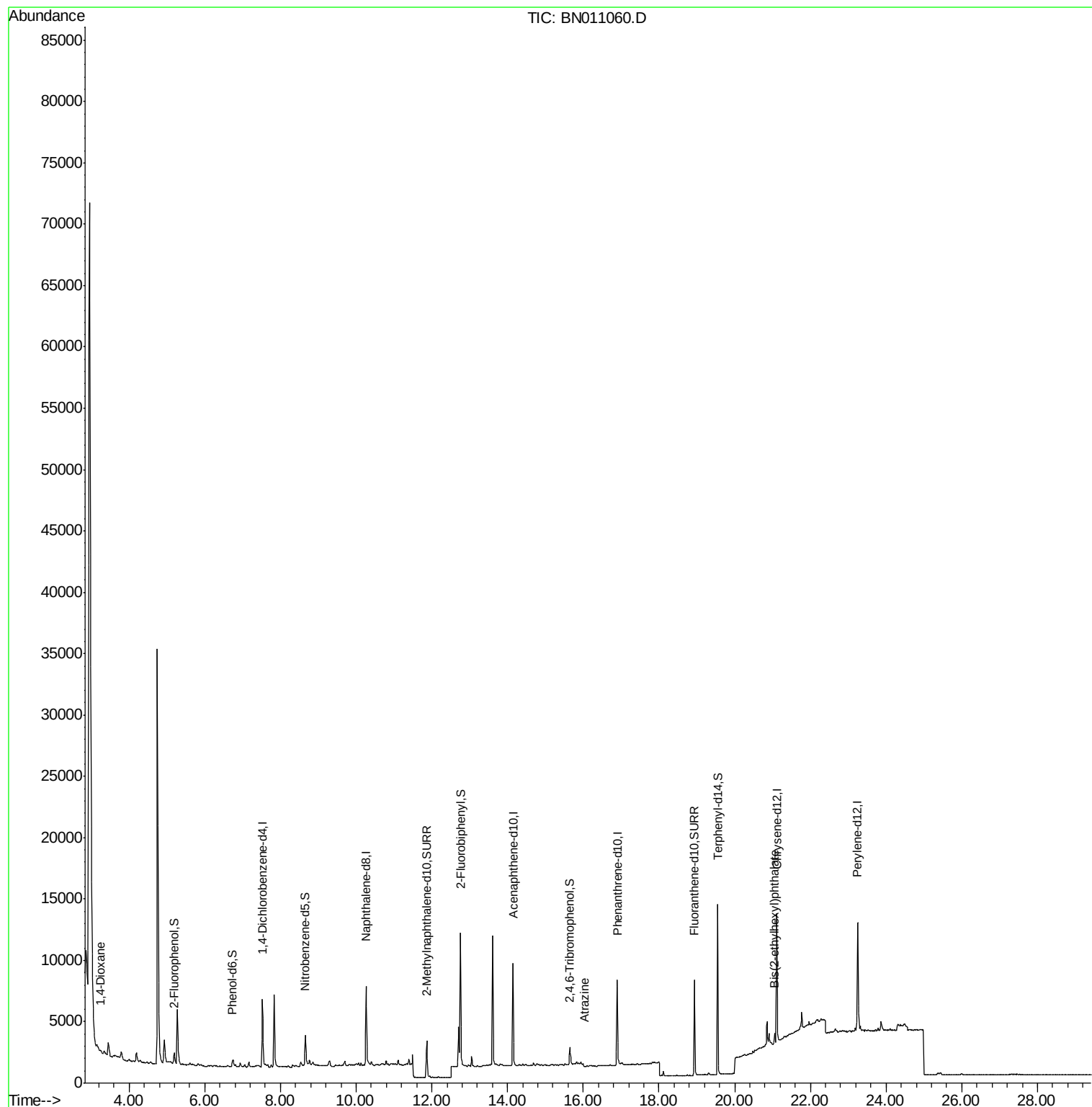
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	3041	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	10297	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	5819	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	11600	0.40	ng	0.00
29) Chrysene-d12	21.11	240	10811	0.40	ng	0.00
36) Perylene-d12	23.25	264	11606	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	1175	0.14	ng	0.00
5) Phenol-d6	6.74	99	744	0.07	ng	0.00
8) Nitrobenzene-d5	8.66	82	3208	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	4677	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	1130	0.44	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	11397	0.42	ng	0.00
27) Fluoranthene-d10	18.94	212	9424	0.26	ng	0.00
31) Terphenyl-d14	19.55	244	14269	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	289	0.071	ng	# 88
23) Atrazine	16.02	200	190	0.032	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.05	149	891	0.059	ng	# 97

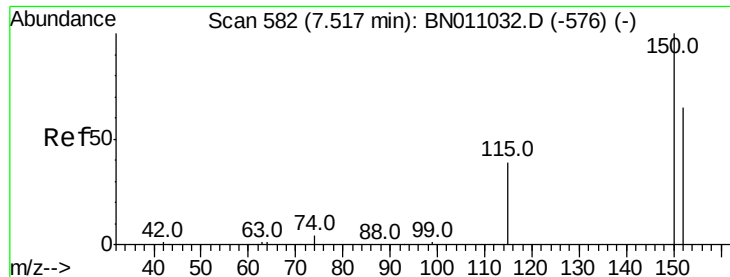
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 11:59:47 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200624

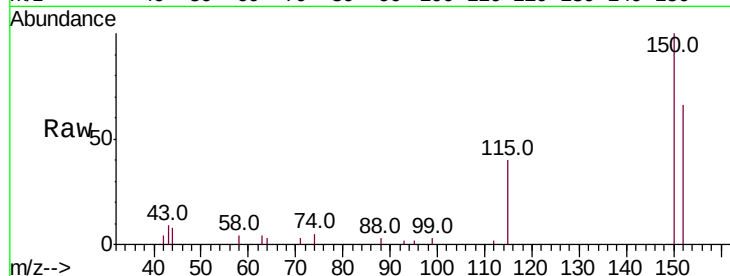
Tot Ion:152 Resp: 3041

Ion Ratio Lower Upper

152 100

150 152.4 121.8 182.8

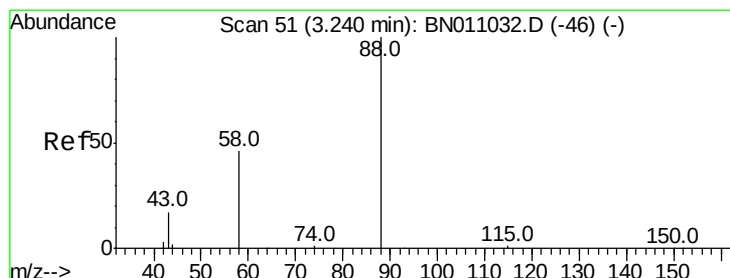
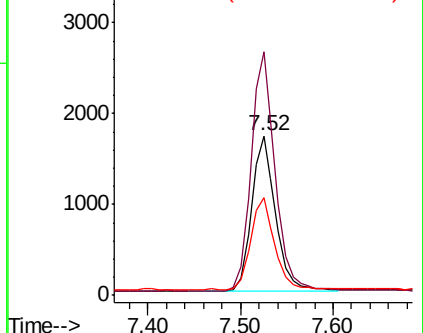
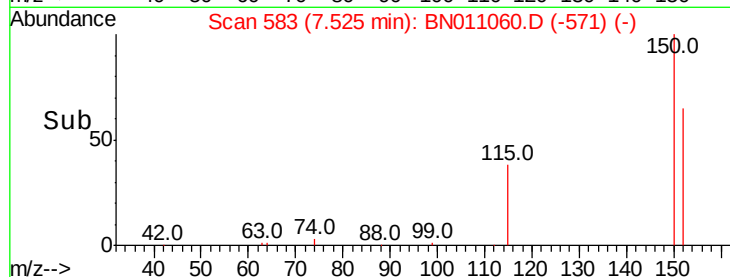
115 61.1 50.2 75.2



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: 0.071 ng

RT: 3.25 min Scan# 52

Delta R.T. 0.01 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

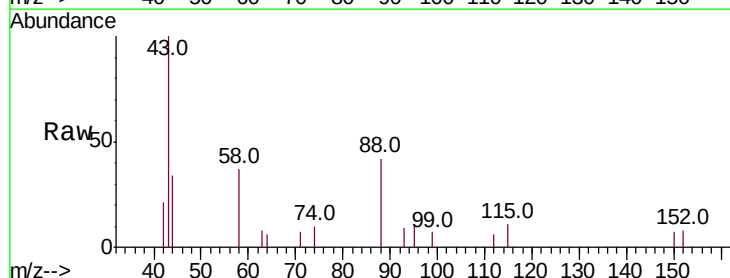
Tgt Ion: 88 Resp: 289

Ion Ratio Lower Upper

88 100

58 46.7 38.4 57.6

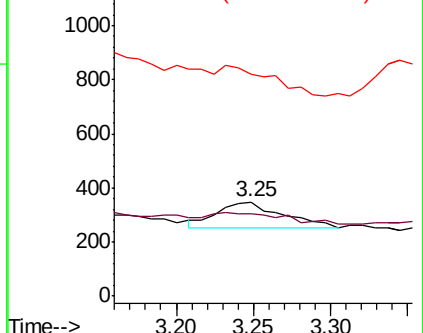
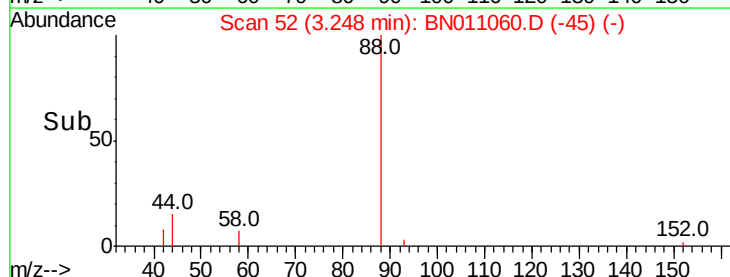
43 0.0 14.2 21.4#

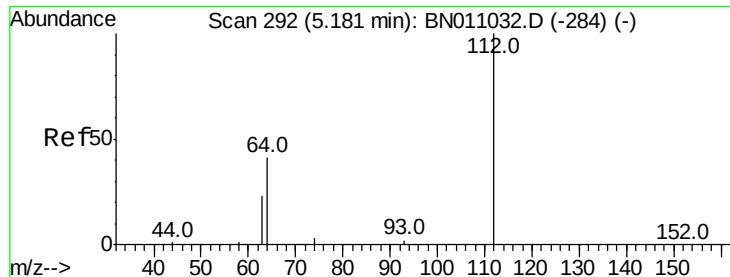


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.01 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200624

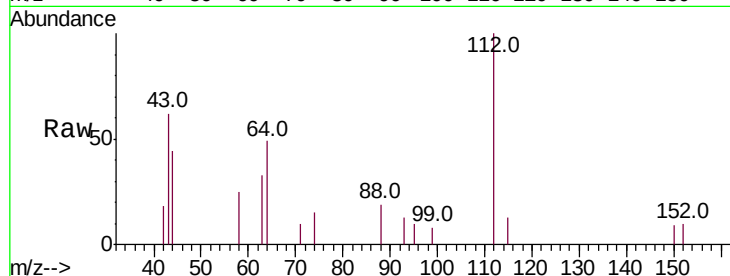
Tot Ion:112 Resp: 1175

Ion Ratio Lower Upper

112 100

64 48.9 37.3 55.9

63 24.6 20.4 30.6

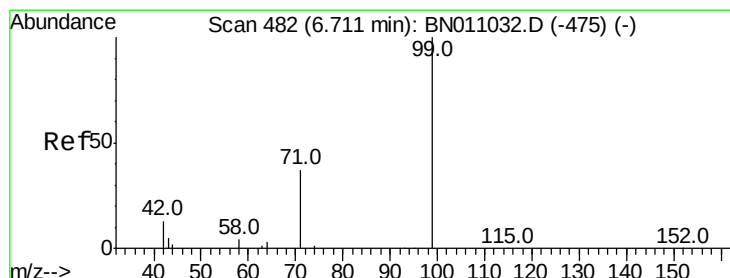
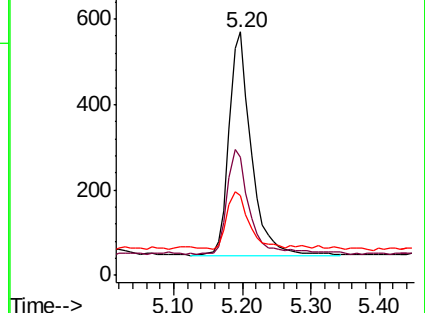
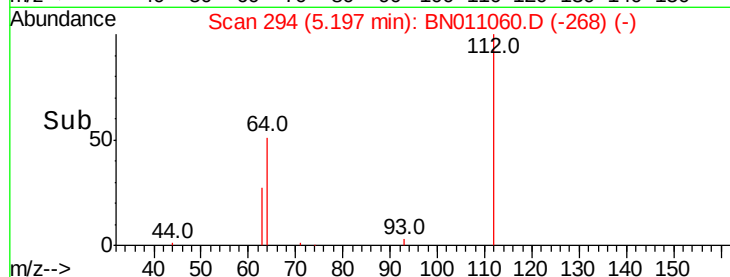


Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

Time-->



#5

Phenol-d6

Concen: 0.073 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

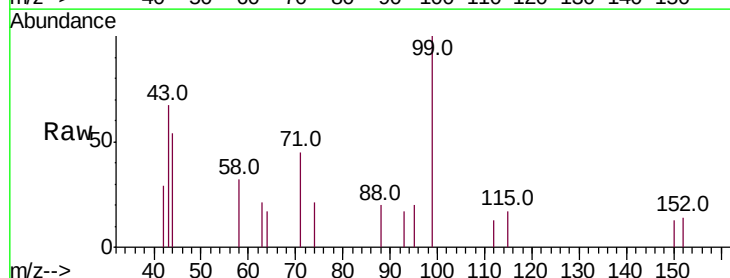
Tgt Ion: 99 Resp: 744

Ion Ratio Lower Upper

99 100

42 15.3 10.6 16.0

71 45.0 28.7 43.1#

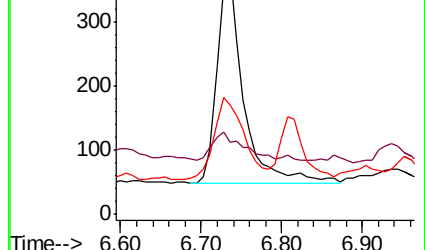
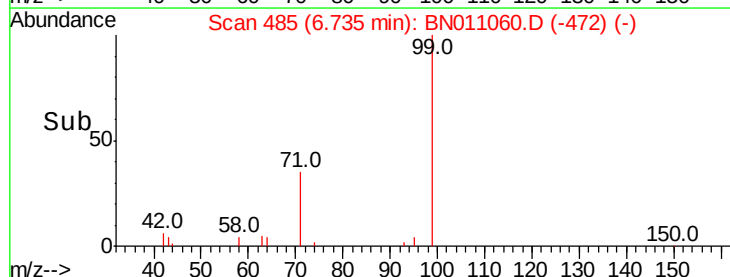


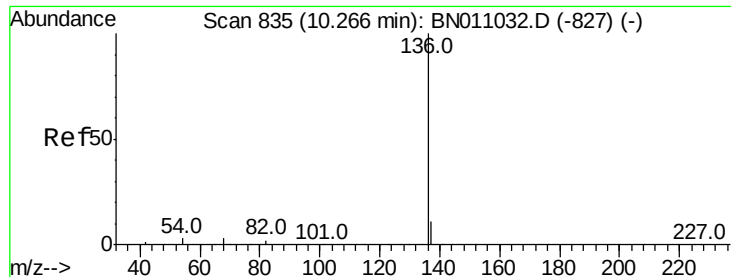
Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200624

Tot Ion:136 Resp: 10297

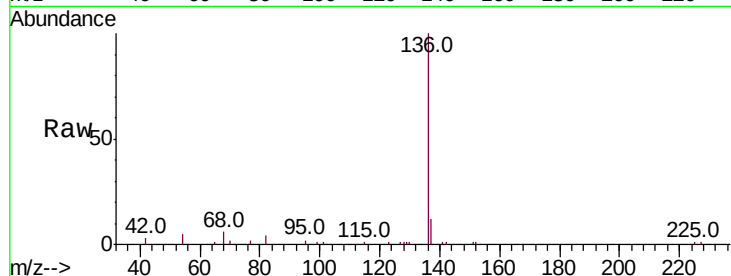
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 5.4 3.0 4.4#

68 6.0 3.4 5.2#

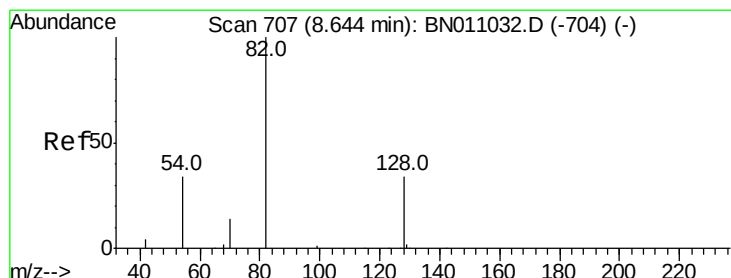
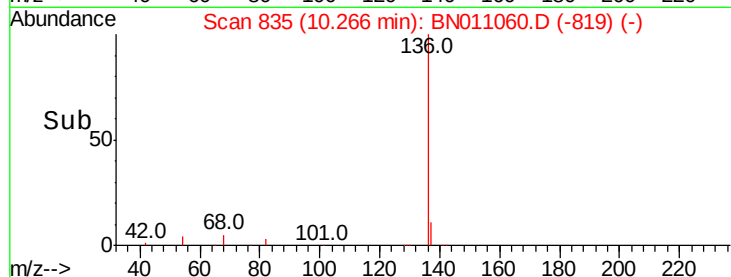
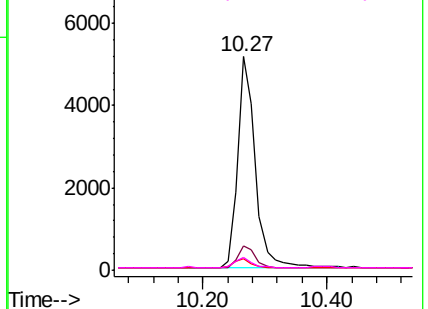


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

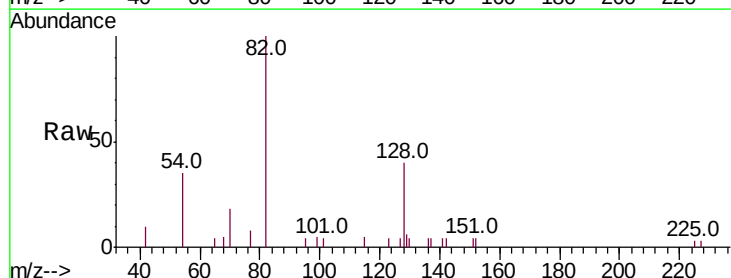
Tgt Ion: 82 Resp: 3208

Ion Ratio Lower Upper

82 100

128 40.2 29.4 44.2

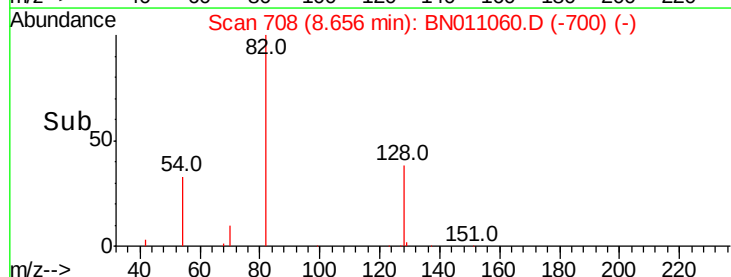
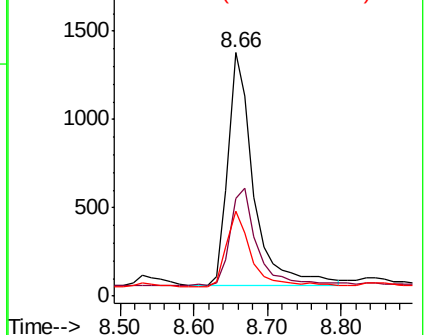
54 34.9 28.8 43.2

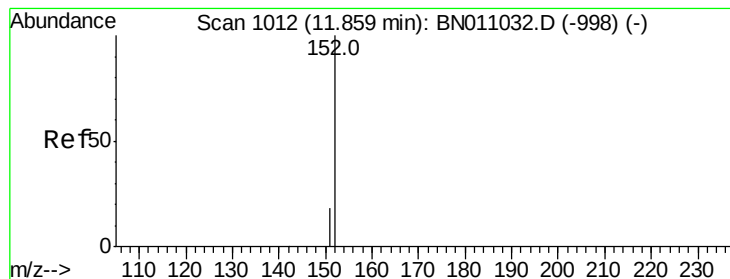


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.257 ng

RT: 11.86 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

Instrument :

BNA_N

ClientSampleId :

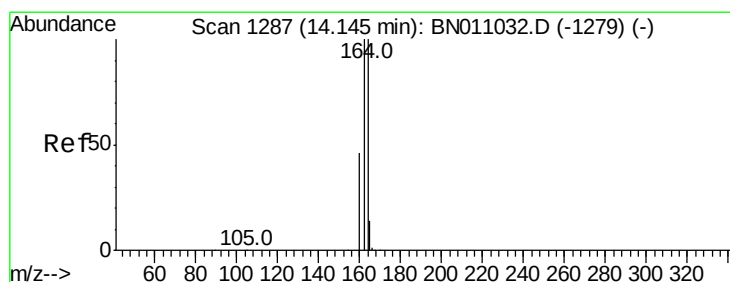
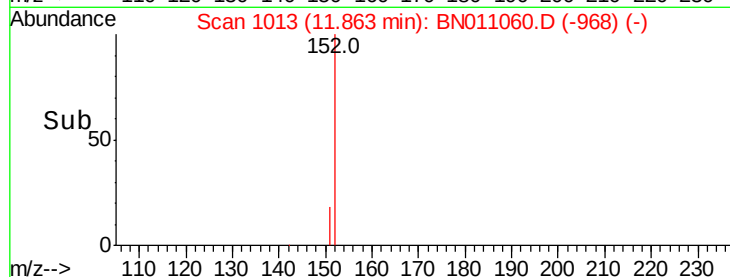
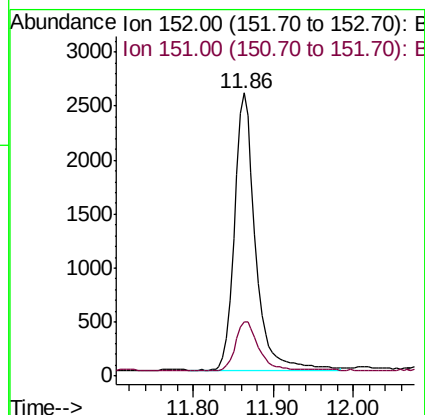
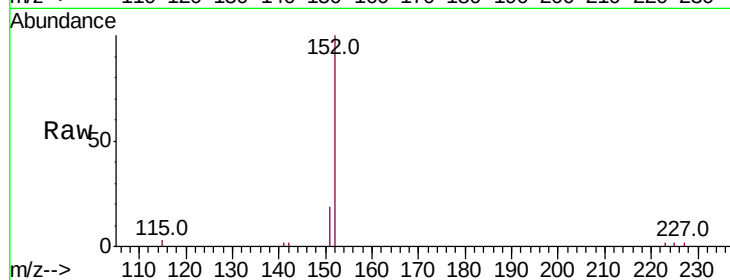
KY038PS027-200624

Tot Ion:152 Resp: 4677

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

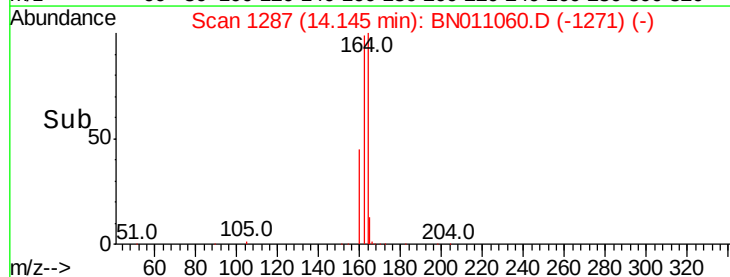
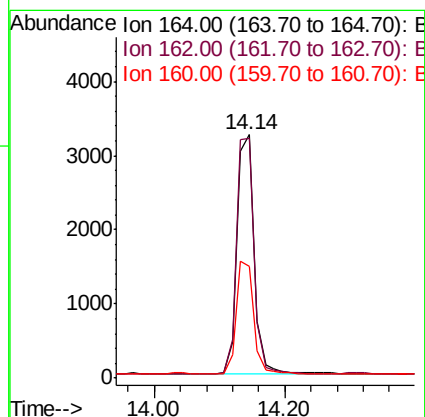
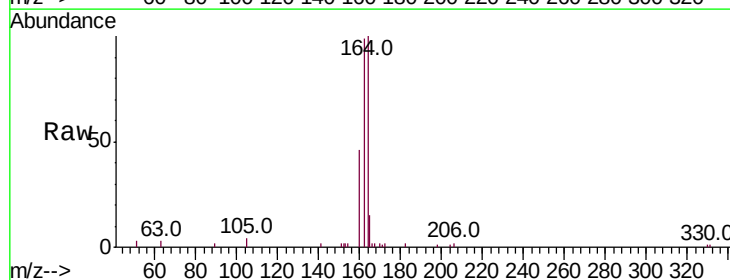
Tgt Ion:164 Resp: 5819

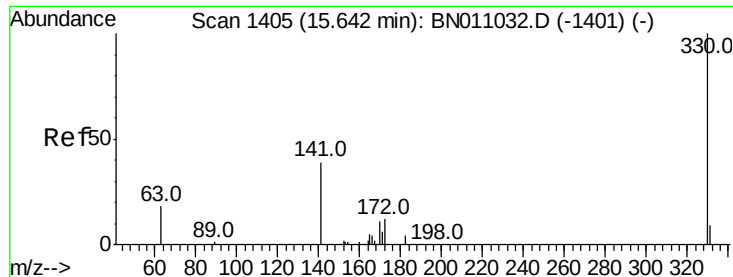
Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.4

160 45.9 37.7 56.5





#14

2,4,6-Tribromophenol

Concen: 0.442 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200624

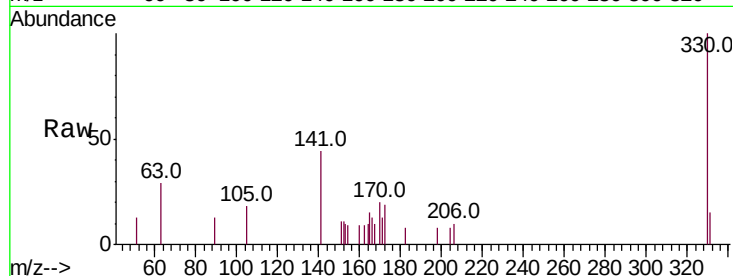
Tot Ion:330 Resp: 1130

Ion Ratio Lower Upper

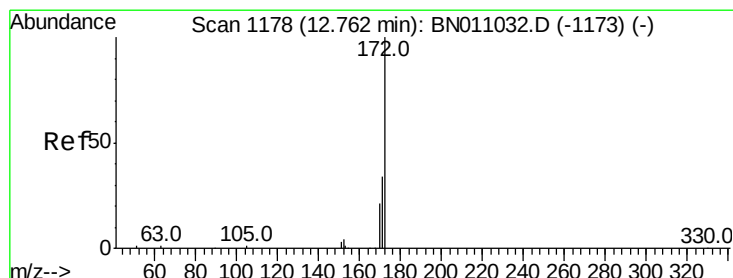
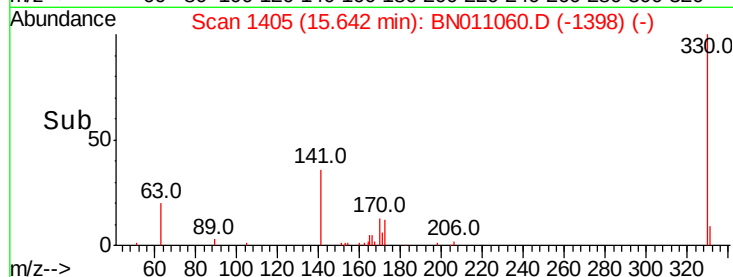
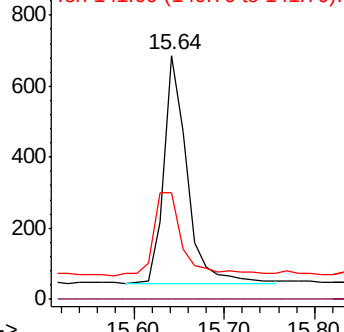
330 100

332 0.0 0.0 0.0

141 46.0 34.5 51.7



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: 0.420 ng

RT: 12.76 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

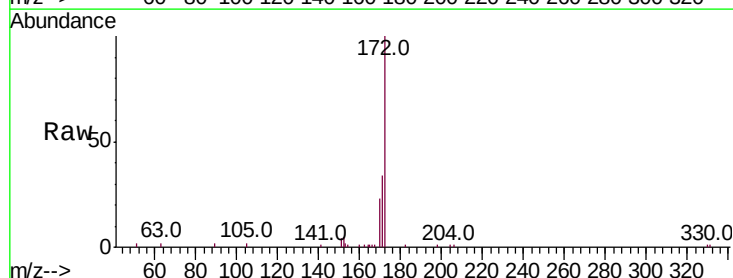
Tgt Ion:172 Resp: 11397

Ion Ratio Lower Upper

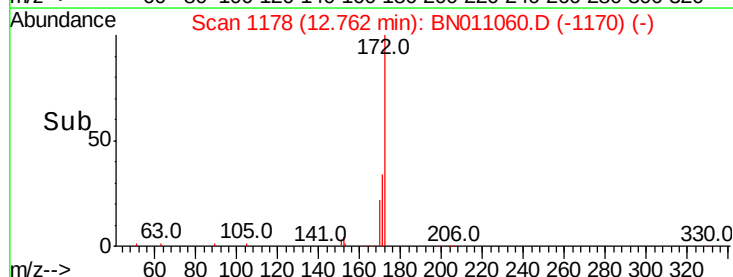
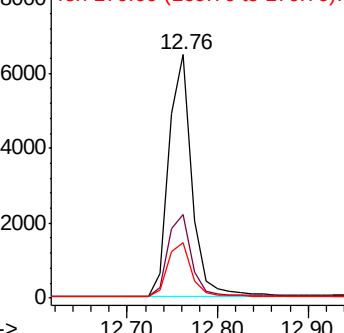
172 100

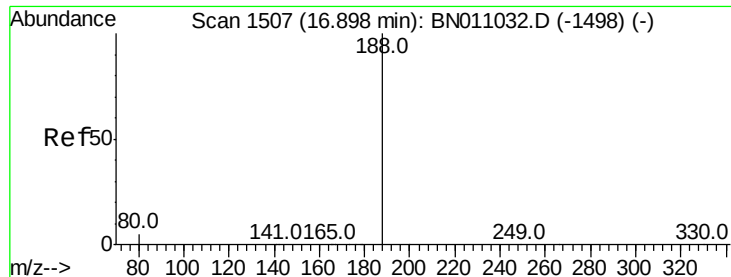
171 34.3 27.4 41.2

170 22.6 17.5 26.3



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: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200624

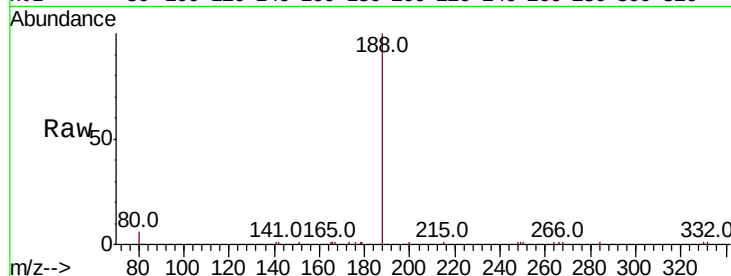
Tot Ion:188 Resp: 11600

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

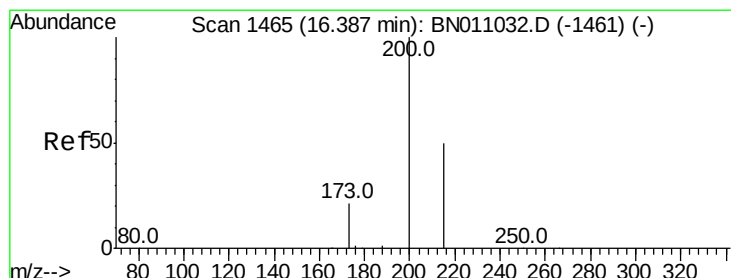
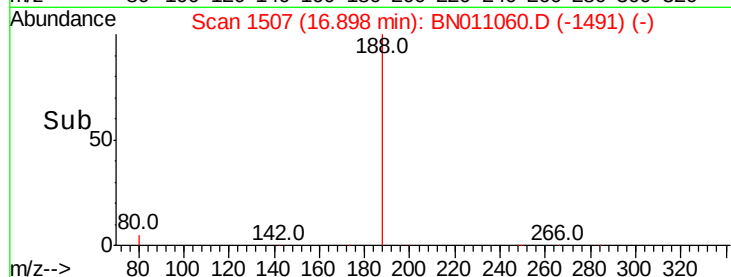
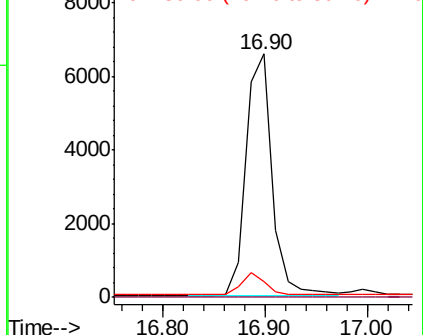
80 6.3 4.6 7.0



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



#23

Atrazine

Concen: 0.032 ng

RT: 16.02 min Scan# 1435

Delta R.T. -0.37 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

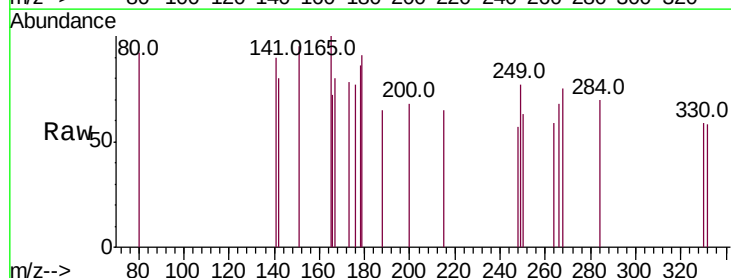
Tgt Ion:200 Resp: 190

Ion Ratio Lower Upper

200 100

173 114.8 19.4 29.2#

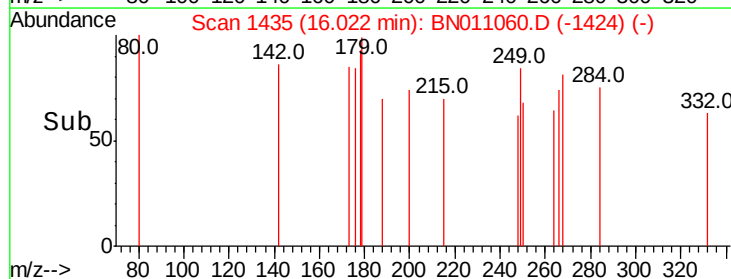
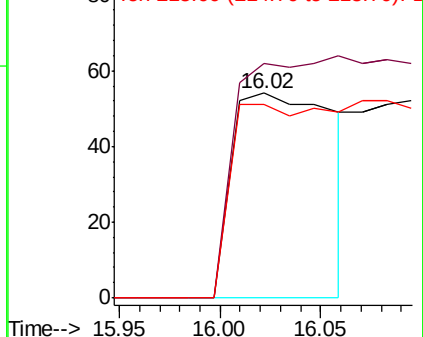
215 94.4 41.5 62.3#

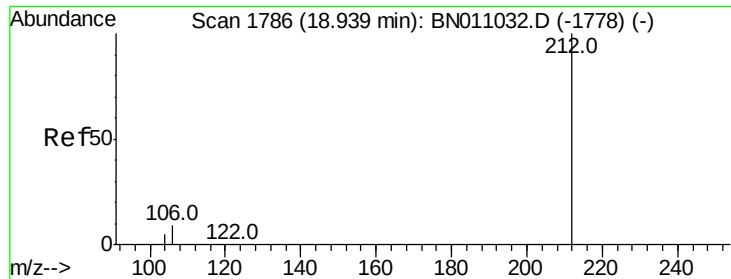


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

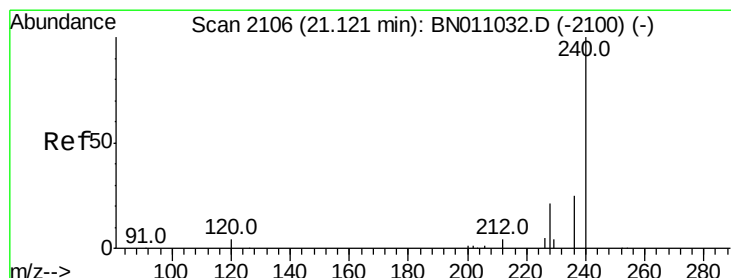
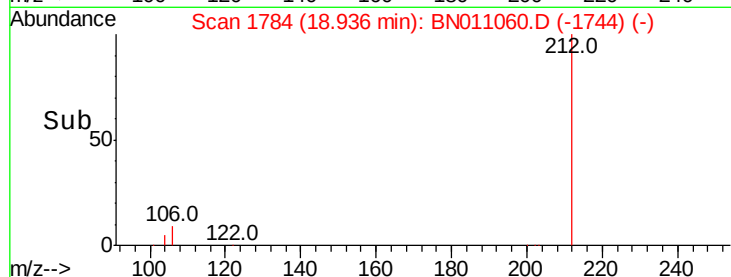
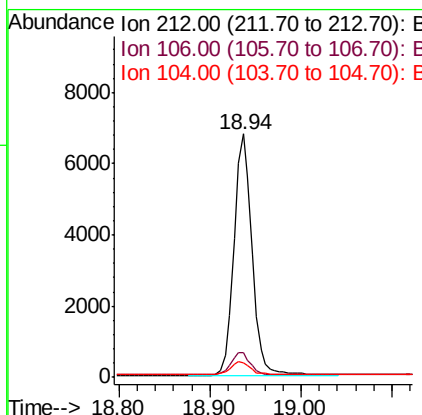
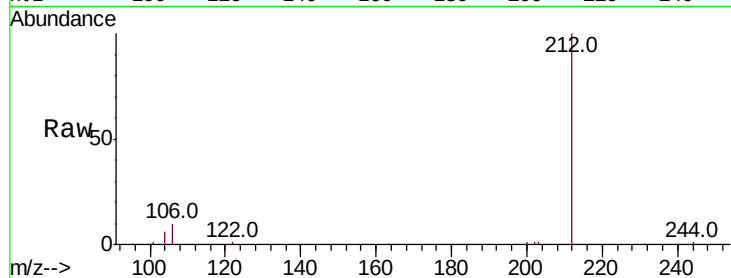




#27
 Fluoranthene-d10
 Concen: 0.257 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011060.D
 Acq: 26 Jun 2020 15:30

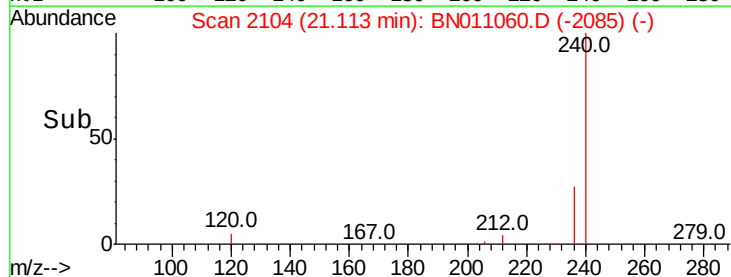
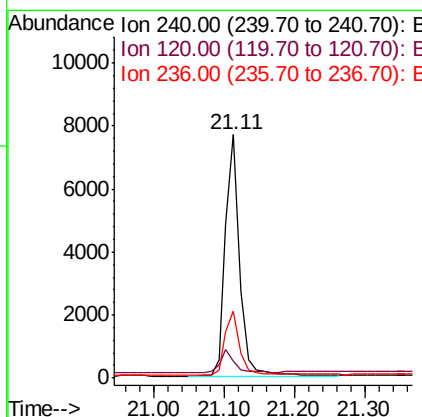
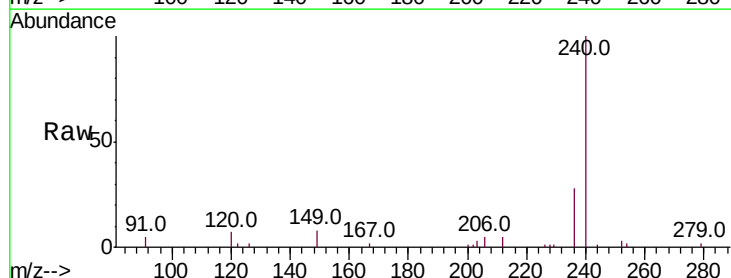
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200624

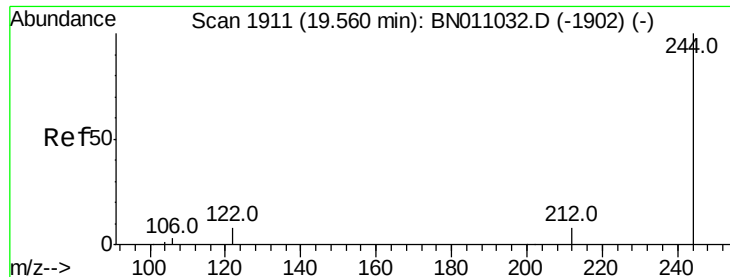
Tot Ion:212 Resp: 9424
 Ion Ratio Lower Upper
 212 100
 106 9.6 7.7 11.5
 104 5.7 4.6 6.8



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BN011060.D
 Acq: 26 Jun 2020 15:30

Tgt Ion:240 Resp: 10811
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.4 8.0
 236 27.6 21.4 32.2





#31

Terphenyl-d14

Concen: 0.492 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200624

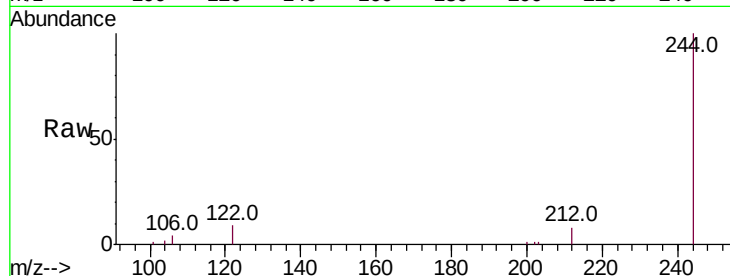
Tot Ion:244 Resp: 14269

Ion Ratio Lower Upper

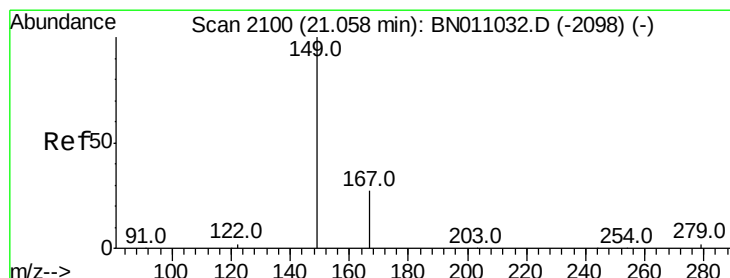
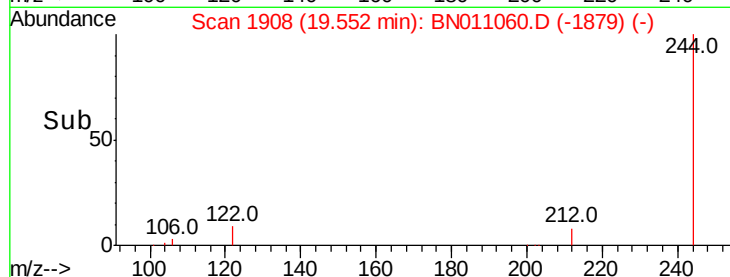
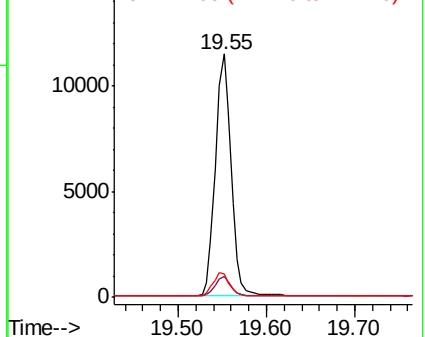
244 100

212 8.3 6.9 10.3

122 9.4 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: 0.059 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011060.D

Acq: 26 Jun 2020 15:30

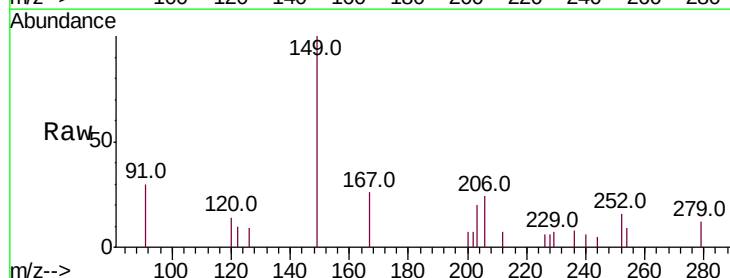
Tgt Ion:149 Resp: 891

Ion Ratio Lower Upper

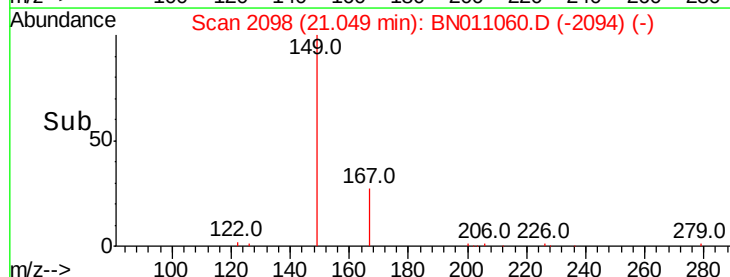
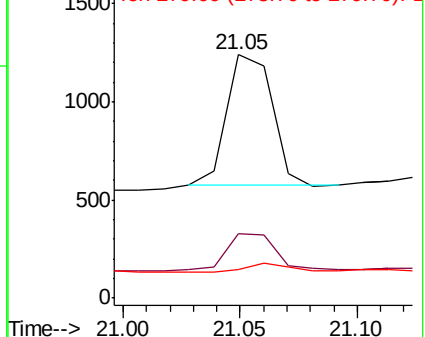
149 100

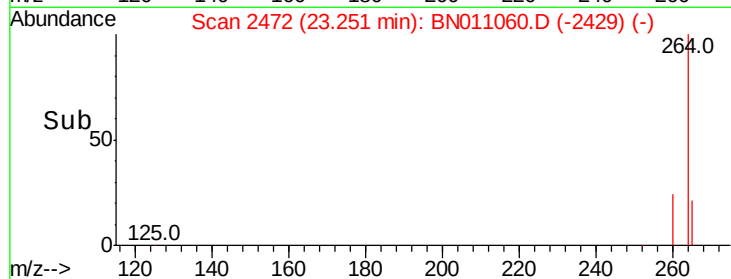
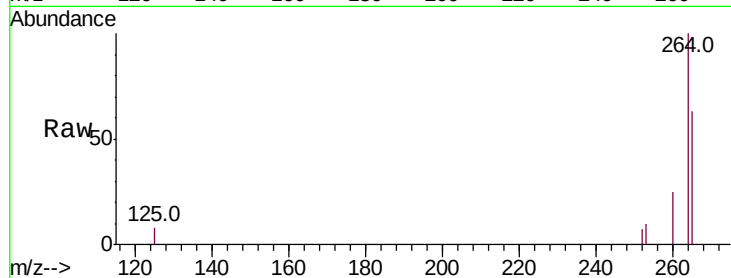
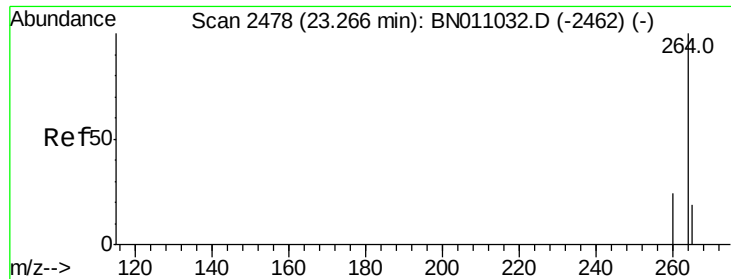
167 28.7 22.2 33.2

279 7.4 3.9 5.9#



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





#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BN011060.D
 Acq: 26 Jun 2020 15:30

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200624

Tot Ion:264 Resp: 11606
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 62.5 64.9 97.3#

