

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
 Data File : BN011061.D
 Acq On : 26 Jun 2020 16:06
 Operator : CG/JU
 Sample : L3117-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200624

Quant Time: Jun 26 16:59:12 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

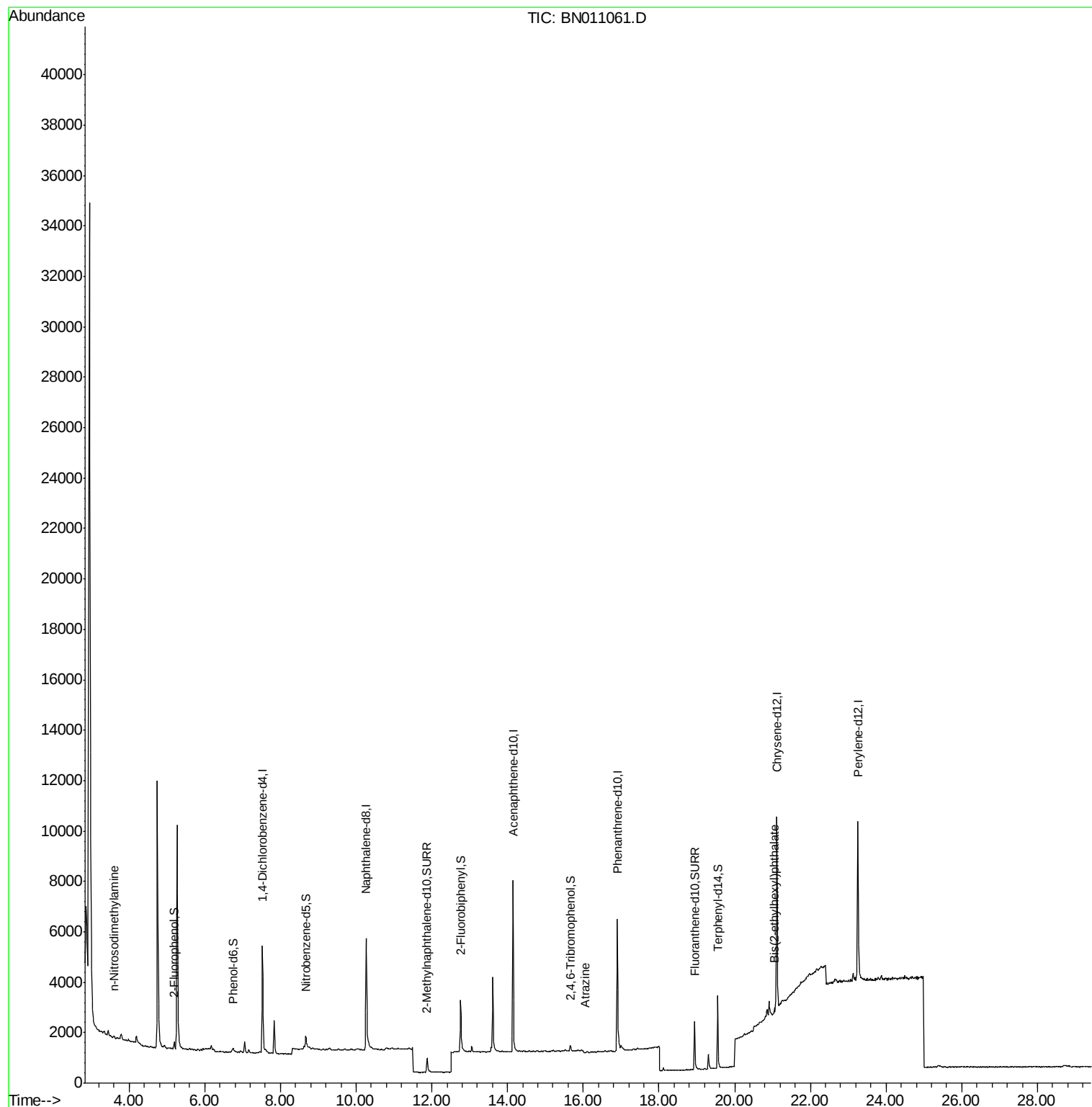
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2477	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8192	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4520	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8782	0.40	ng	0.00
29) Chrysene-d12	21.11	240	8126	0.40	ng	0.00
36) Perylene-d12	23.25	264	8426	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	338	0.05	ng	0.00
5) Phenol-d6	6.74	99	237	0.03	ng	0.00
8) Nitrobenzene-d5	8.67	82	814	0.11	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	1238	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	273	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	2450	0.12	ng	0.00
27) Fluoranthene-d10	18.94	212	2604	0.09	ng	0.00
31) Terphenyl-d14	19.55	244	3232	0.15	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	42	0.023	ng	# 7
23) Atrazine	16.05	200	246	0.055	ng	# 5
34) Bis(2-ethylhexyl)phthalate	21.05	149	254	0.022	ng	# 93

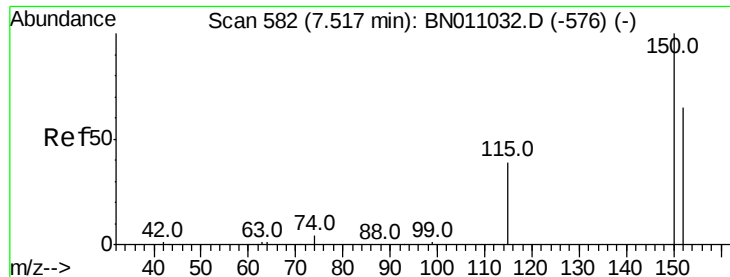
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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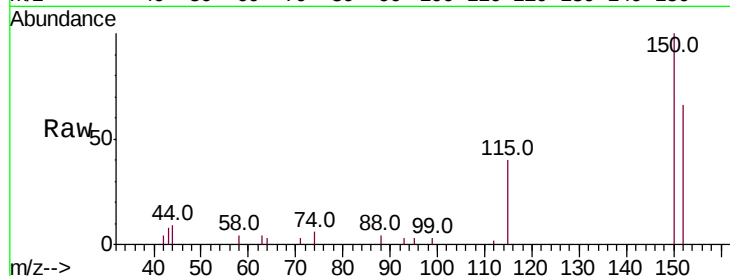


#1

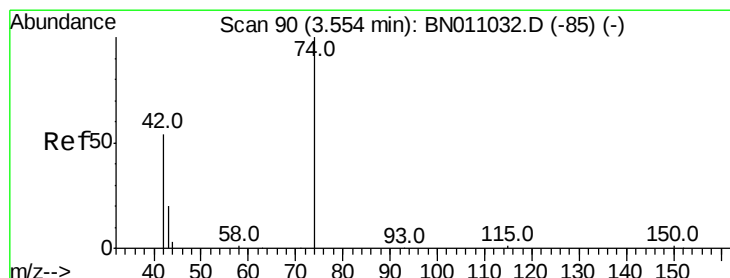
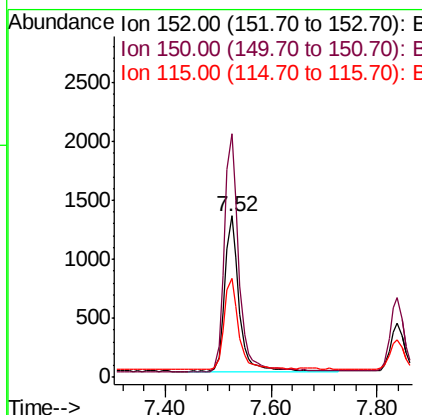
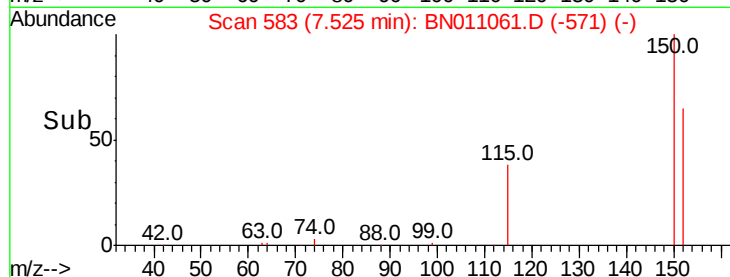
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BN011061.D
Acq: 26 Jun 2020 16:06

Instrument :
BNA_N
ClientSampleId :
KY038PS037-200624

Tot Ion:152 Resp: 2477
Ion Ratio Lower Upper
152 100
150 150.7 121.8 182.8
115 60.9 50.2 75.2



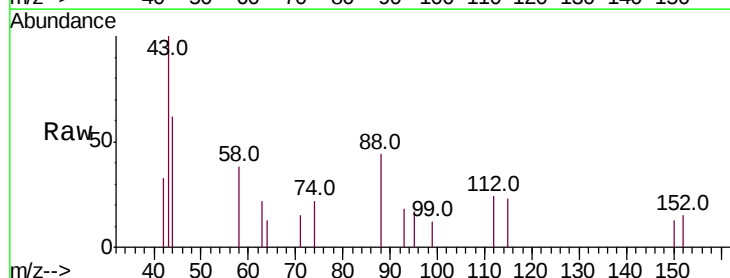
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



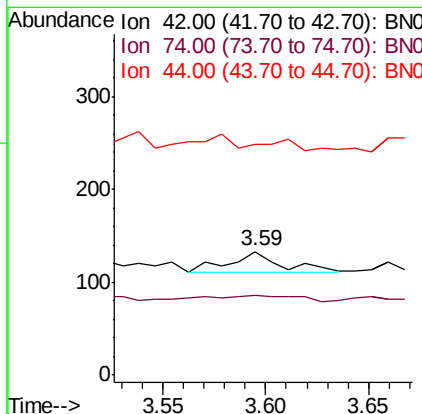
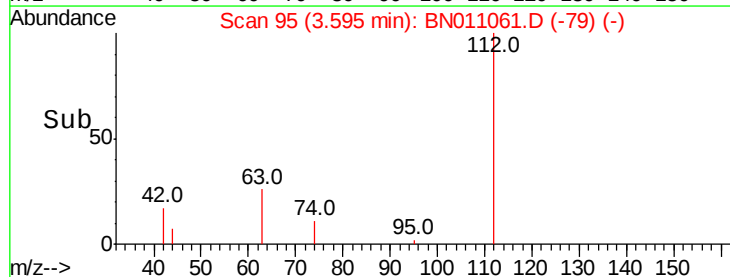
#3

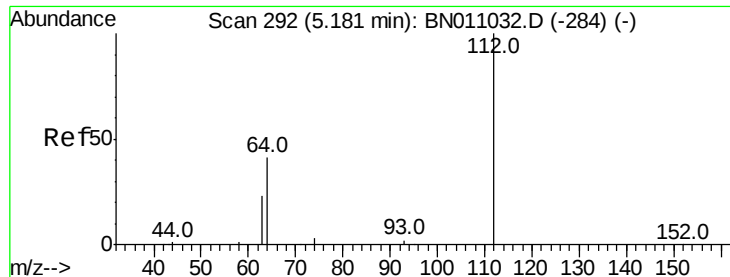
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.59 min Scan# 95
Delta R.T. 0.03 min
Lab File: BN011061.D
Acq: 26 Jun 2020 16:06

Tgt Ion: 42 Resp: 42
Ion Ratio Lower Upper
42 100
74 52.4 154.8 232.2#
44 19.0 4.8 7.2#



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: 0.048 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

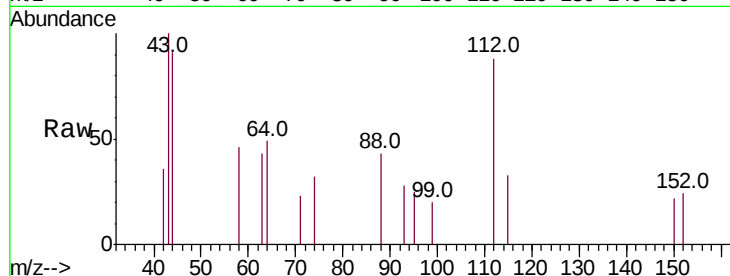
Tot Ion: 112 Resp: 338

Ion Ratio Lower Upper

112 100

64 43.8 37.3 55.9

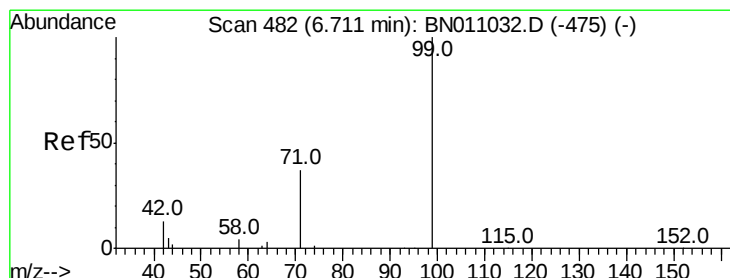
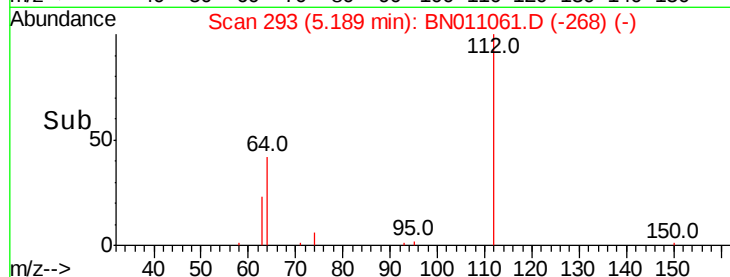
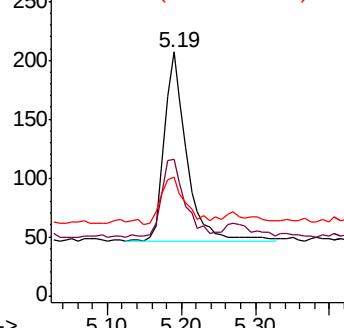
63 27.8 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.029 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

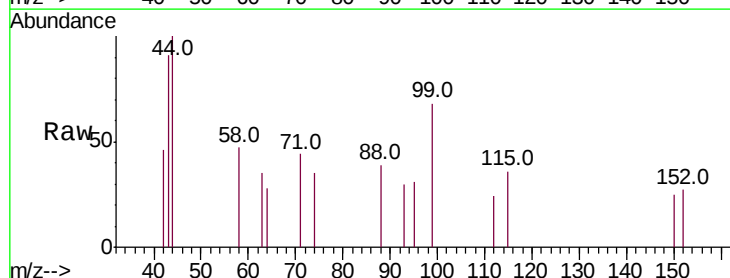
Tgt Ion: 99 Resp: 237

Ion Ratio Lower Upper

99 100

42 23.2 10.6 16.0#

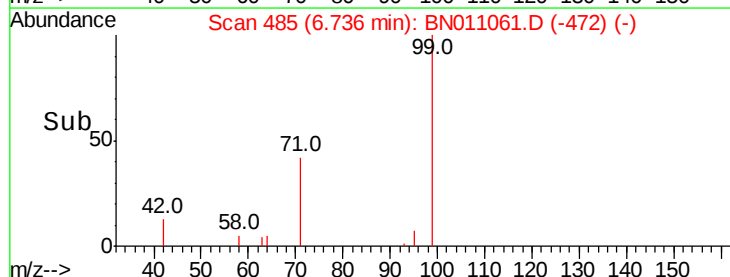
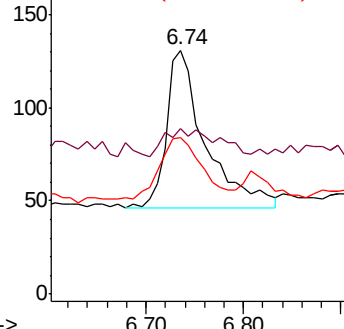
71 41.4 28.7 43.1

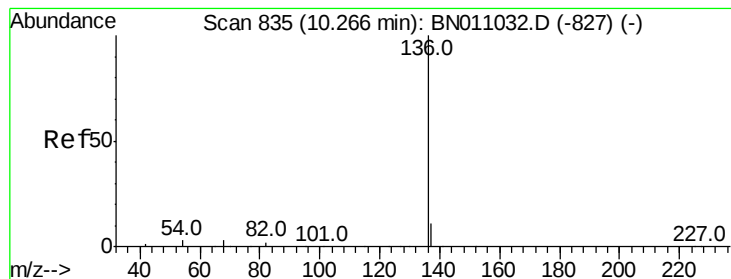


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

Tot Ion:136 Resp: 8192

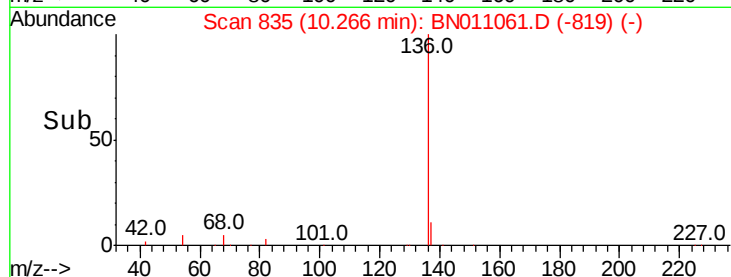
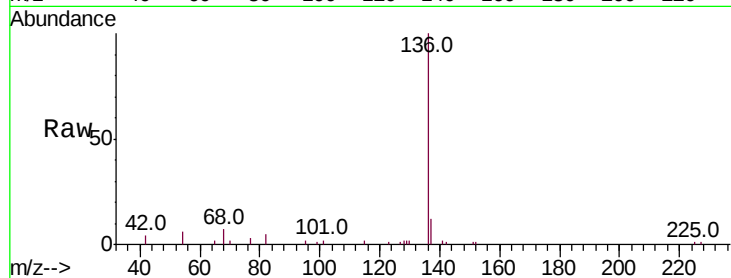
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 6.1 3.0 4.4#

68 6.8 3.4 5.2#

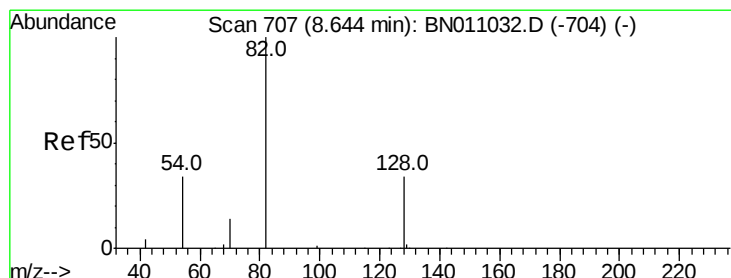
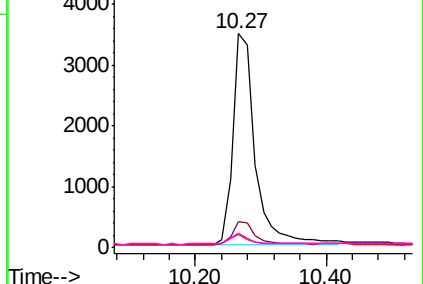


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.109 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

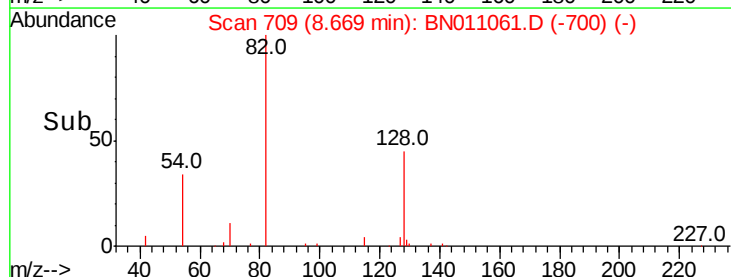
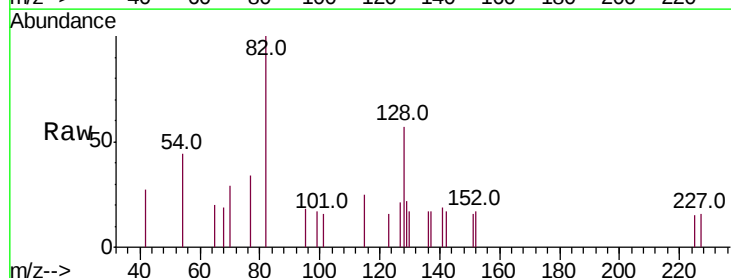
Tgt Ion: 82 Resp: 814

Ion Ratio Lower Upper

82 100

128 57.1 29.4 44.2#

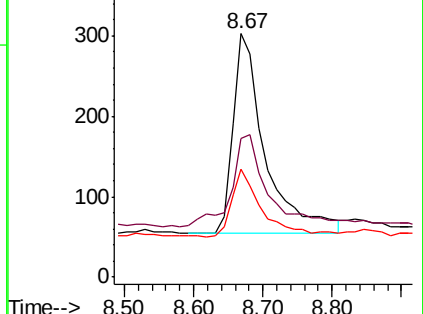
54 44.2 28.8 43.2#

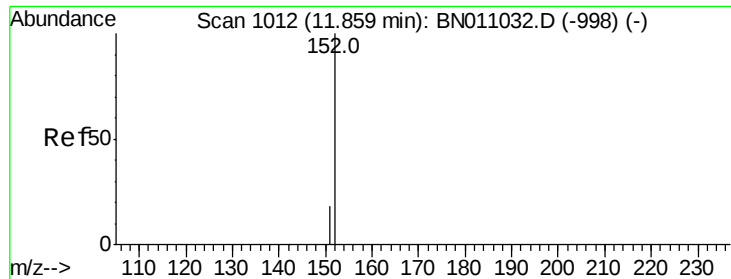


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

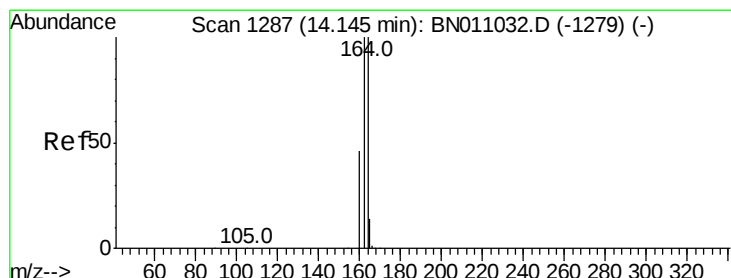
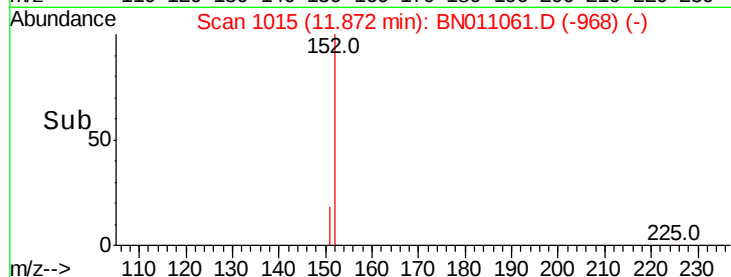
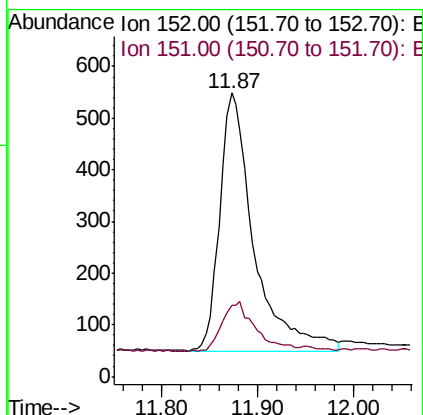
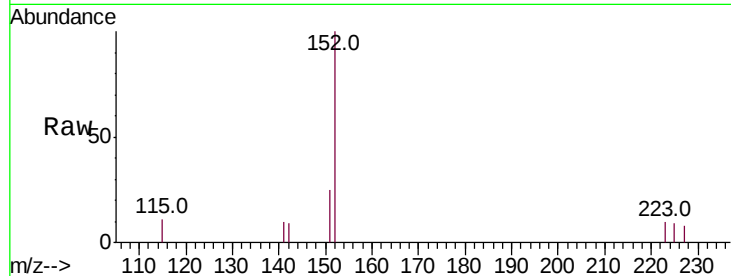




#11
2-Methylnaphthalene-d10
Concen: 0.086 ng
RT: 11.87 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BN011061.D
Acq: 26 Jun 2020 16:06

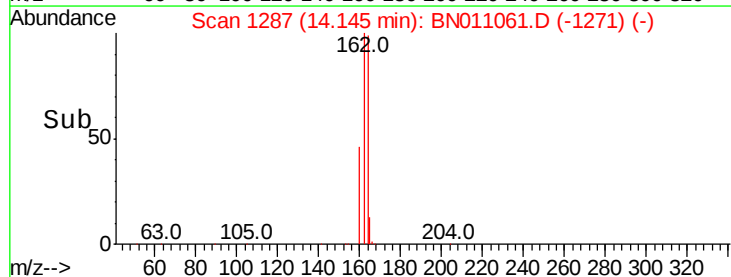
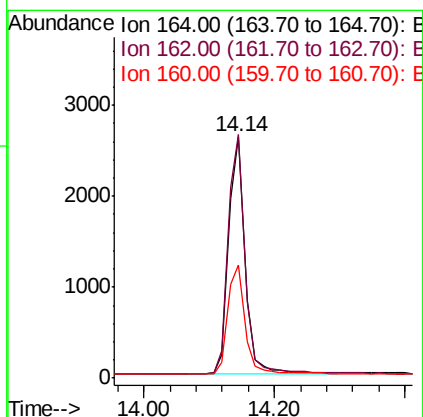
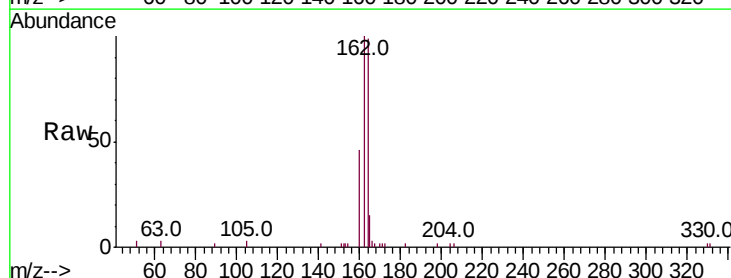
Instrument :
BNA_N
ClientSampleId :
KY038PS037-200624

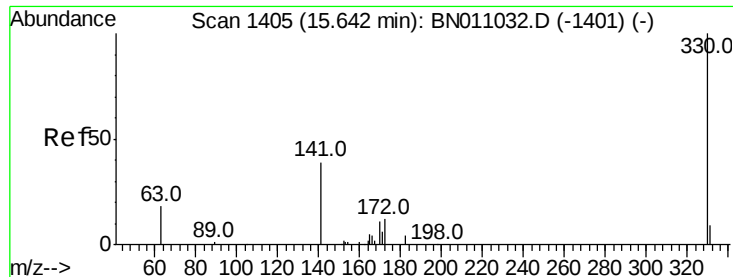
Tot Ion:152 Resp: 1238
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN011061.D
Acq: 26 Jun 2020 16:06

Tgt Ion:164 Resp: 4520
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.4
160 46.9 37.7 56.5

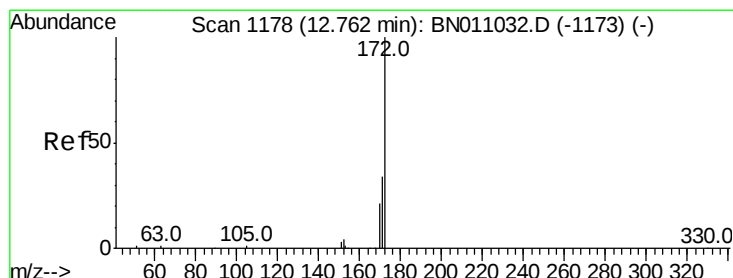
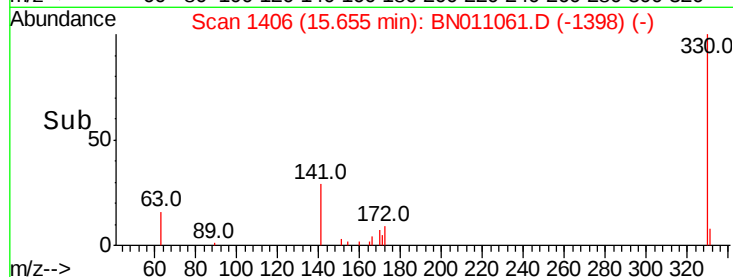
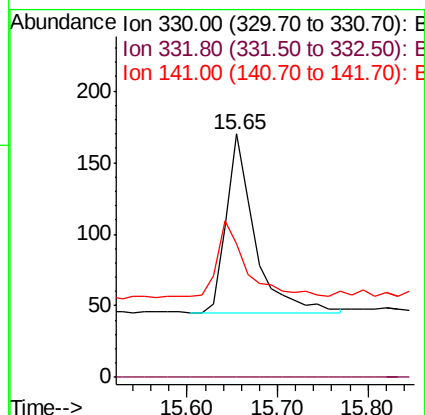
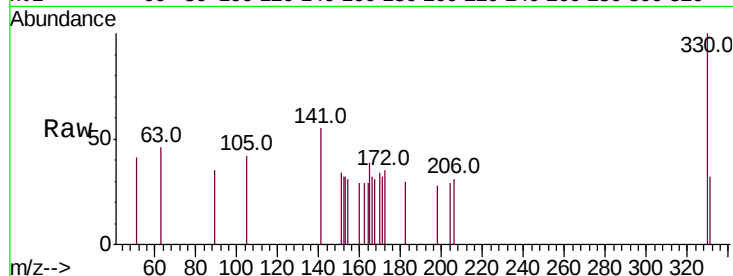




#14
 2,4,6-Tribromophenol
 Concen: 0.137 ng
 RT: 15.65 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BN011061.D
 Acq: 26 Jun 2020 16:06

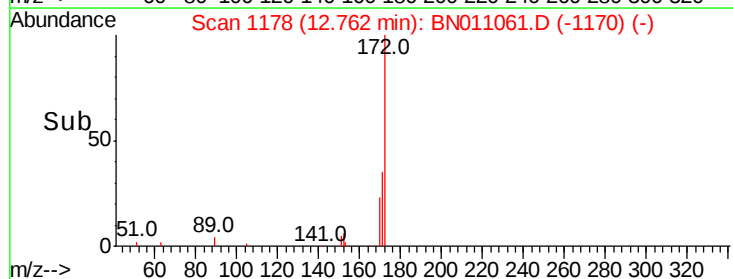
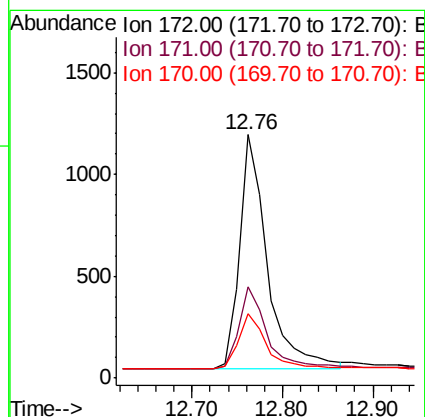
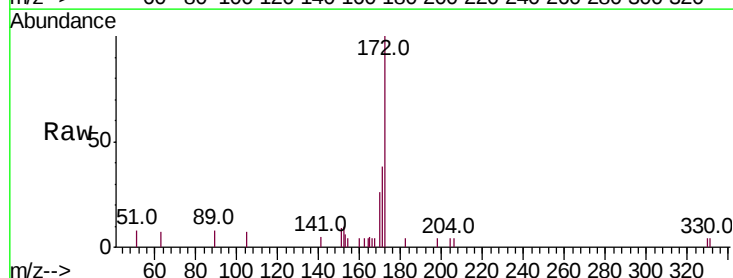
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200624

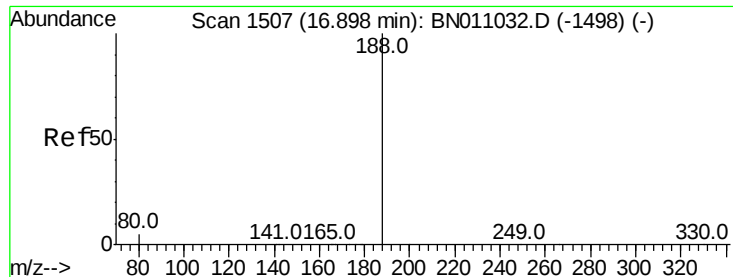
Tot Ion:330 Resp: 273
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.3 34.5 51.7



#15
 2-Fluorobiphenyl
 Concen: 0.116 ng
 RT: 12.76 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BN011061.D
 Acq: 26 Jun 2020 16:06

Tgt Ion:172 Resp: 2450
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.4 41.2
 170 26.4 17.5 26.3#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

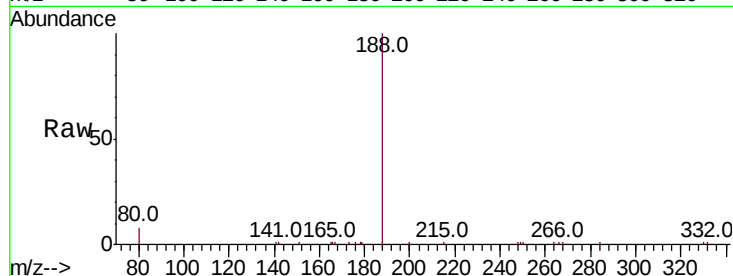
Tot Ion:188 Resp: 8782

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

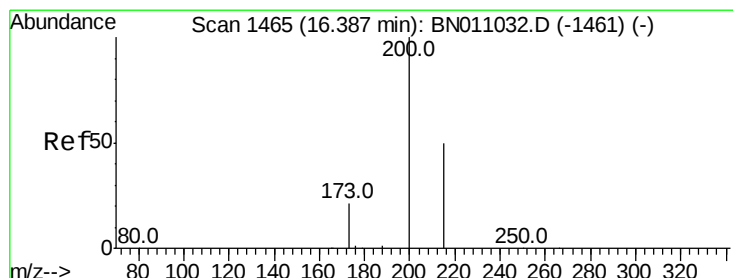
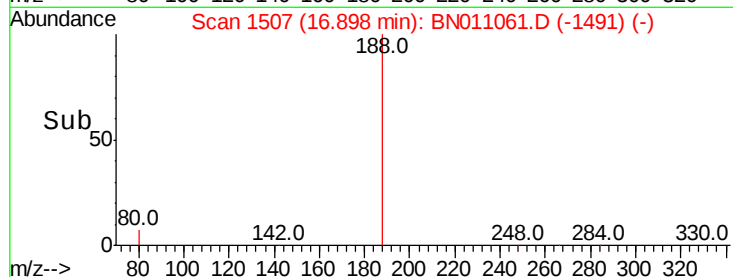
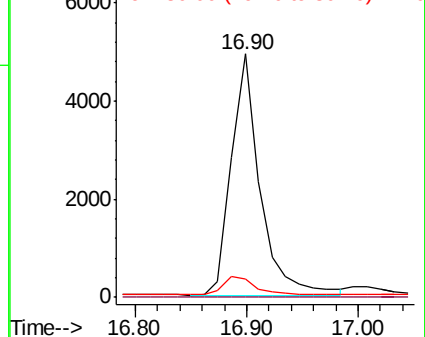
80 7.8 4.6 7.0#



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: 0.055 ng

RT: 16.05 min Scan# 1437

Delta R.T. -0.34 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

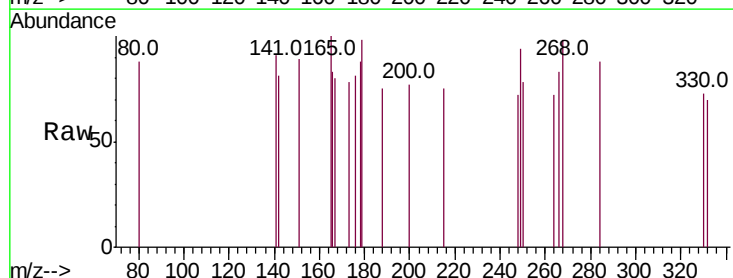
Tgt Ion:200 Resp: 246

Ion Ratio Lower Upper

200 100

173 102.0 19.4 29.2#

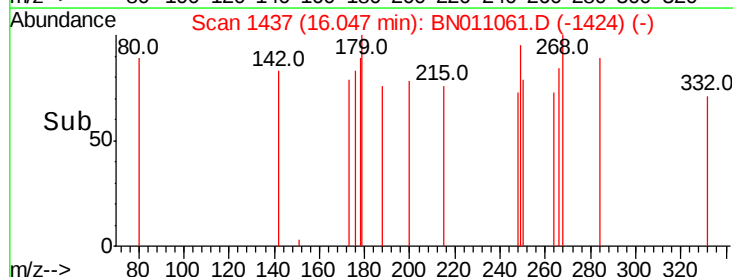
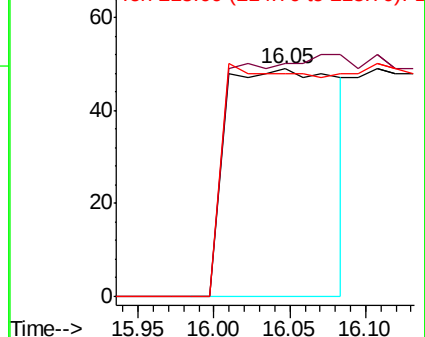
215 98.0 41.5 62.3#

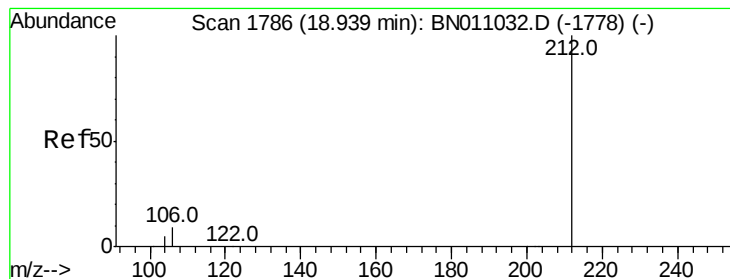


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#27

Fluoranthene-d10

Concen: 0.094 ng

RT: 18.94 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

Instrument :

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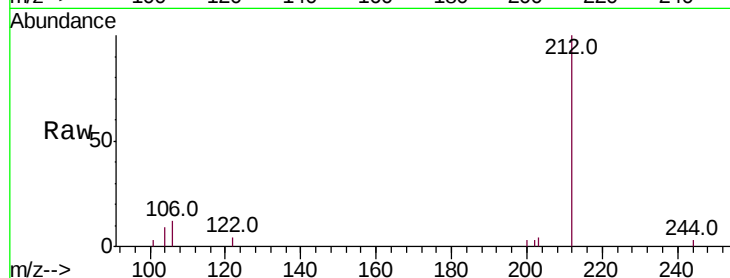
Tot Ion:212 Resp: 2604

Ion Ratio Lower Upper

212 100

106 9.7 7.7 11.5

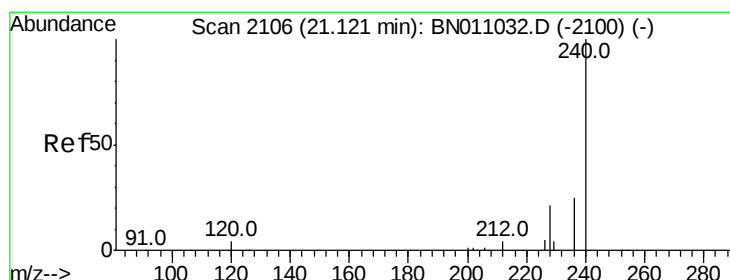
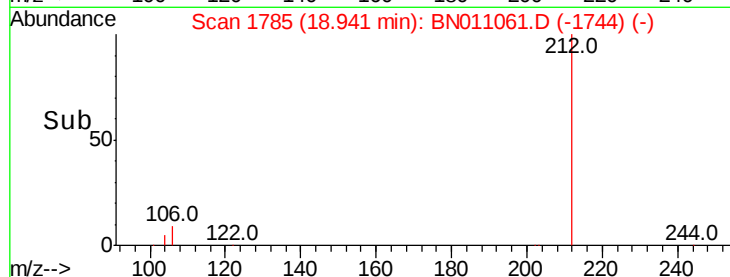
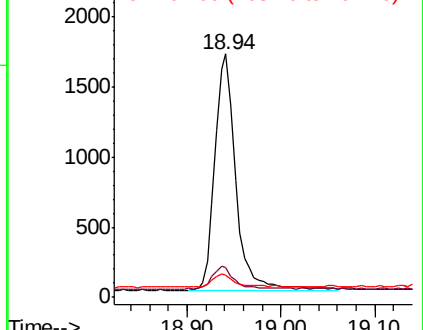
104 6.0 4.6 6.8



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: 21.11 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

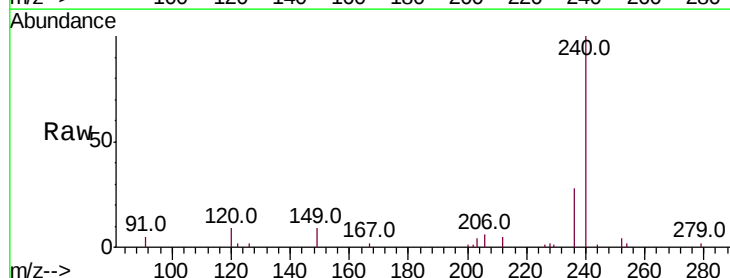
Tgt Ion:240 Resp: 8126

Ion Ratio Lower Upper

240 100

120 9.4 5.4 8.0#

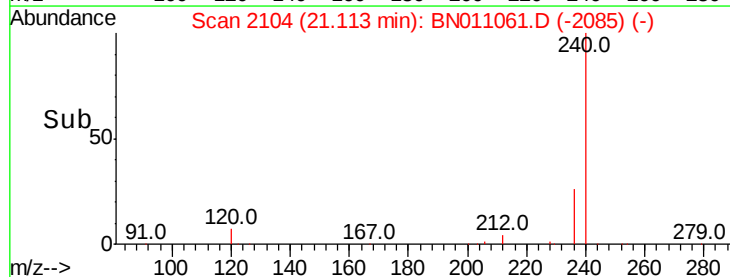
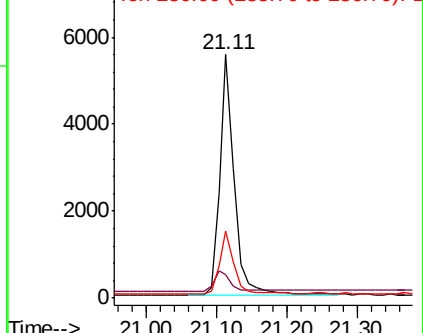
236 27.6 21.4 32.2

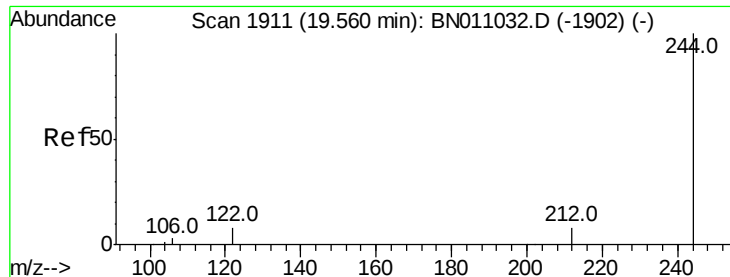


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.148 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

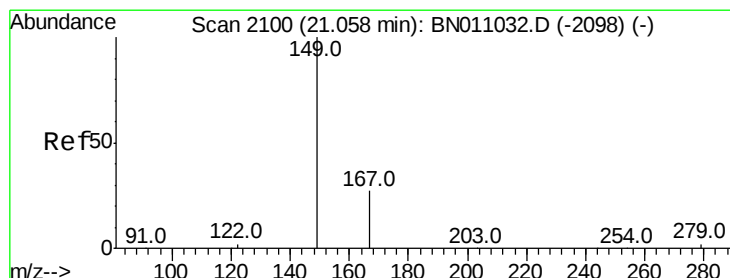
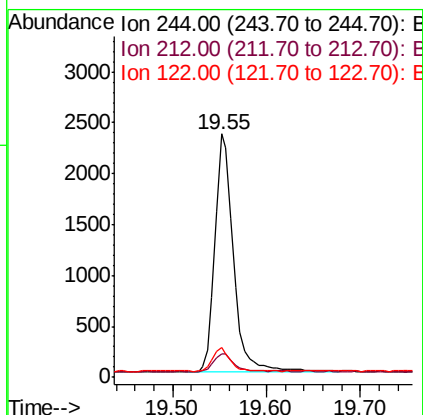
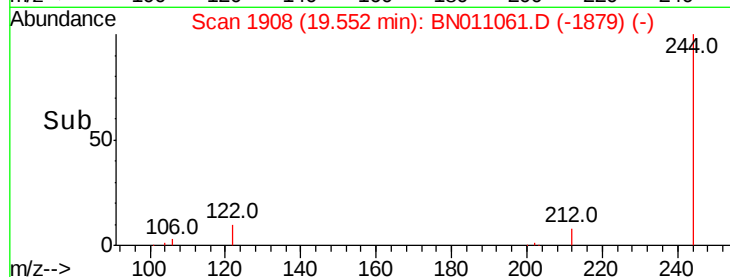
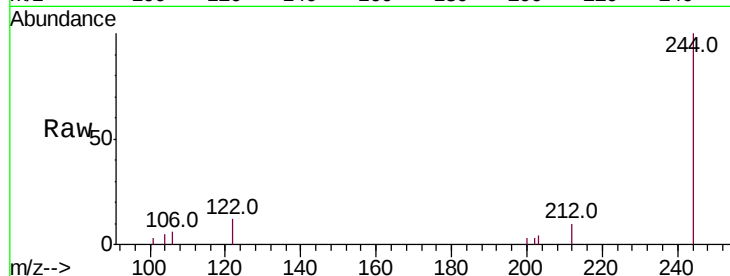
Tot Ion:244 Resp: 3232

Ion Ratio Lower Upper

244 100

212 9.9 6.9 10.3

122 12.1 7.4 11.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.022 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

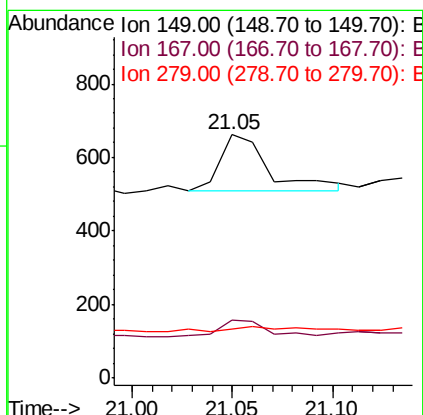
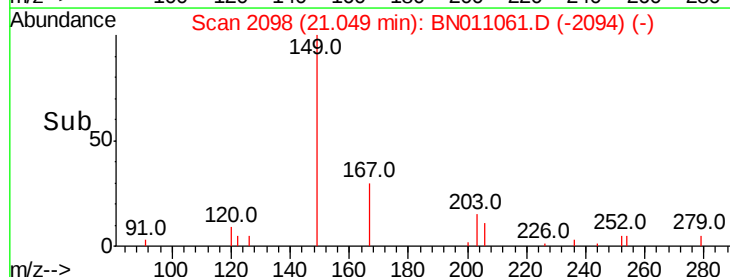
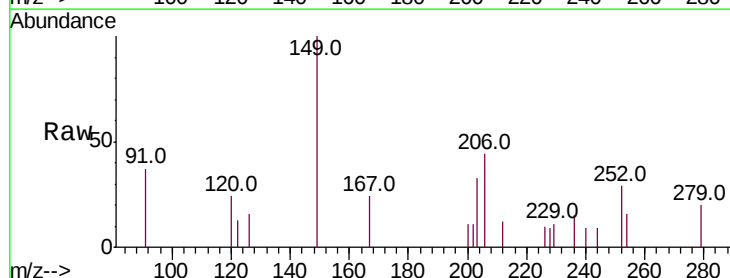
Tgt Ion:149 Resp: 254

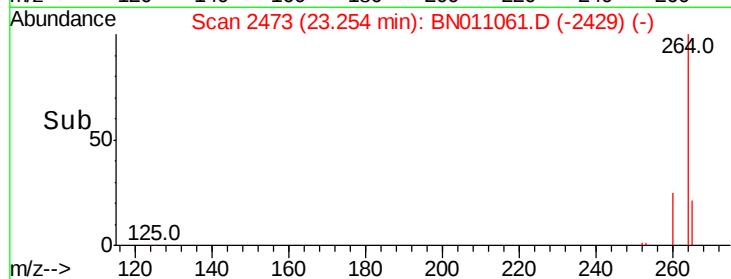
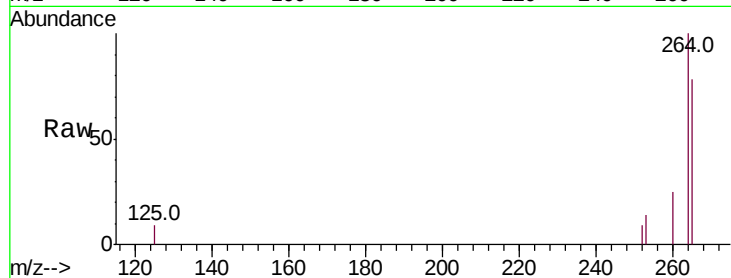
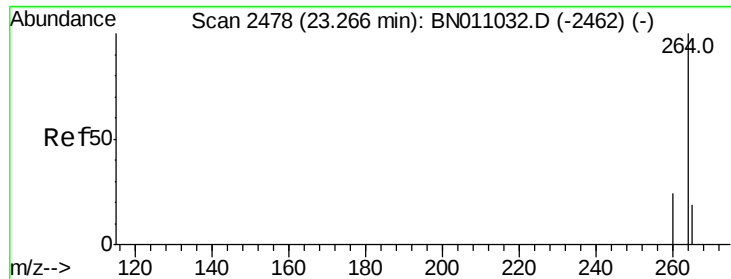
Ion Ratio Lower Upper

149 100

167 25.6 22.2 33.2

279 12.2 3.9 5.9#





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BN011061.D

Acq: 26 Jun 2020 16:06

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

Tot Ion:264 Resp: 8426

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 77.7 64.9 97.3

