

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010916.D
 Acq On : 16 Jun 2020 20:39
 Operator : CG/JU
 Sample : L3011-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20200611

Quant Time: Jun 17 03:35:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

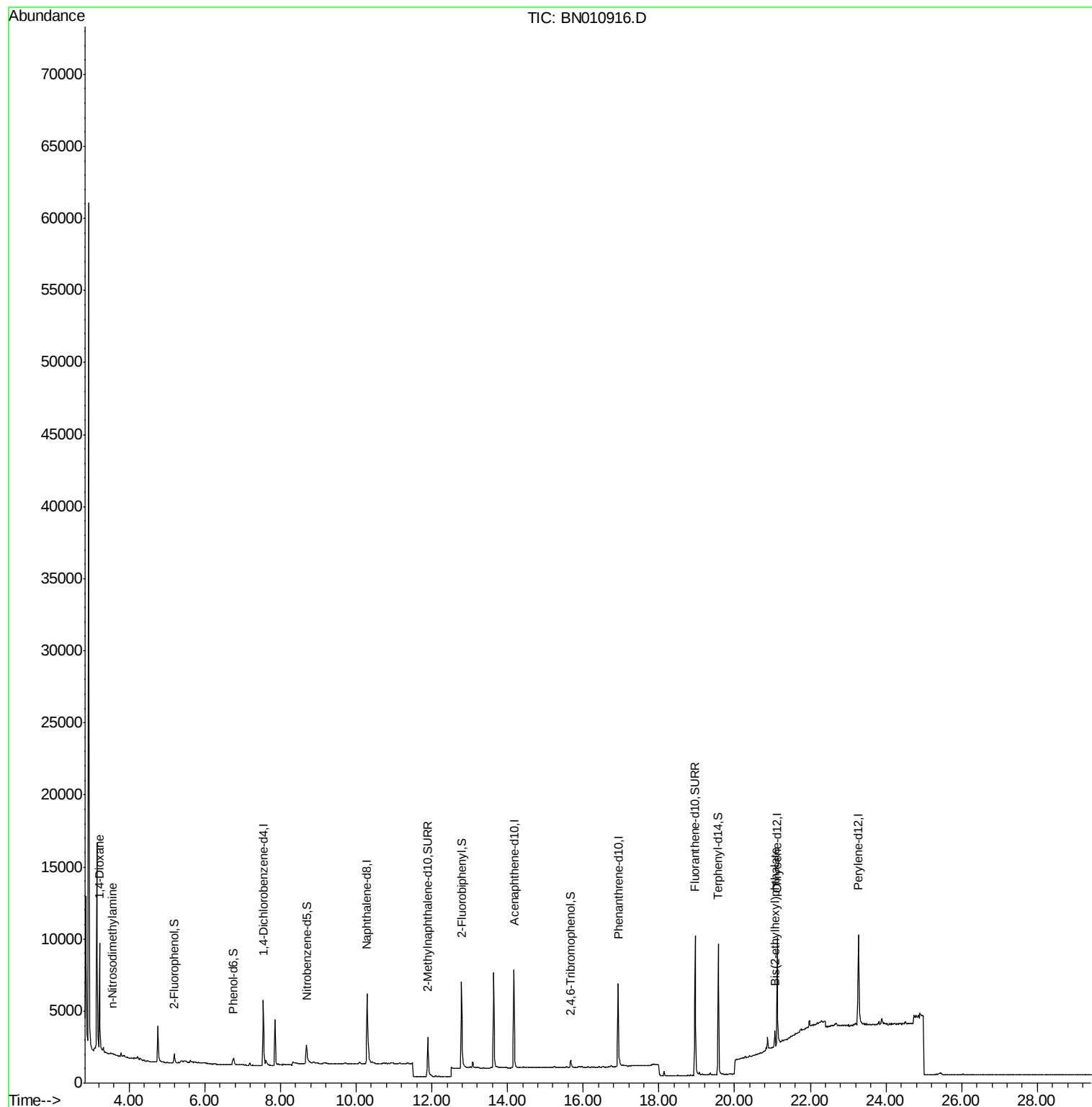
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2475	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8390	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4538	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9902	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8617	0.40	ng	-0.01
34) Perylene-d12	23.27	264	8914	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	655	0.14	ng	0.00
5) Phenol-d6	6.74	99	452	0.08	ng	0.00
8) Nitrobenzene-d5	8.69	82	1970	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	5026	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	502	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6169	0.34	ng	0.00
25) Fluoranthene-d10	18.95	212	12714	0.47	ng	0.00
29) Terphenyl-d14	19.57	244	9633	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	6299	2.598	ng	98
3) n-Nitrosodimethylamine	3.54	42	36	0.026	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.07	149	1054	0.125	ng	# 93

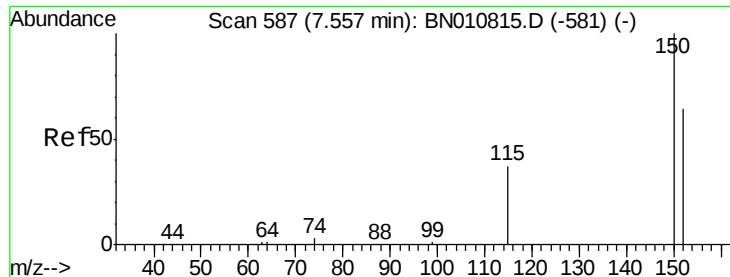
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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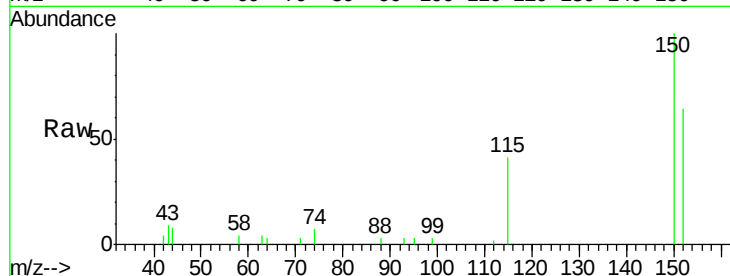


#1

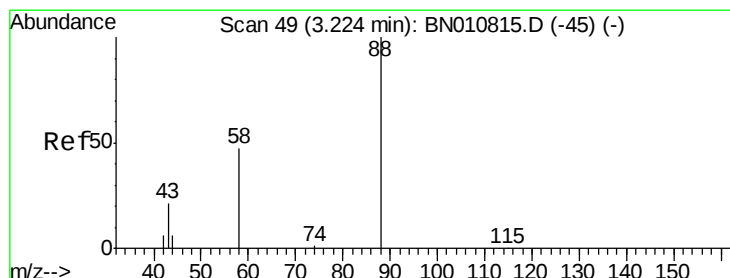
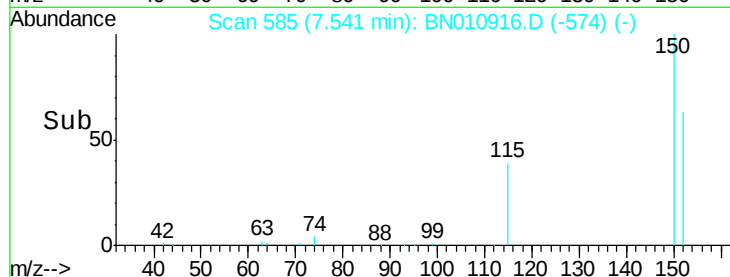
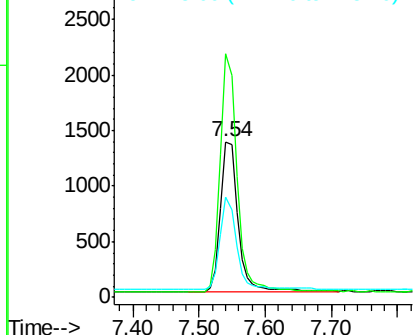
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010916.D
Acq: 16 Jun 2020 20:39

Instrument :
BNA_N
ClientSampleId :
RE109D1-20200611

Tot Ion:152 Resp: 2475
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 64.9 49.2 73.8



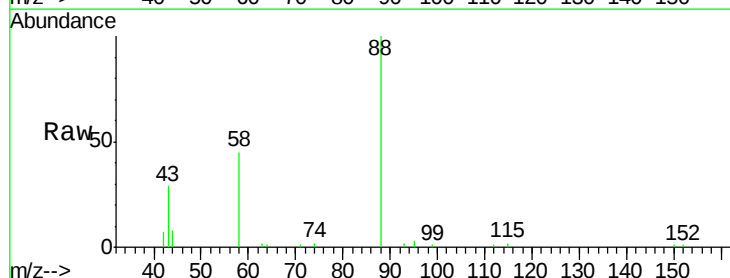
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



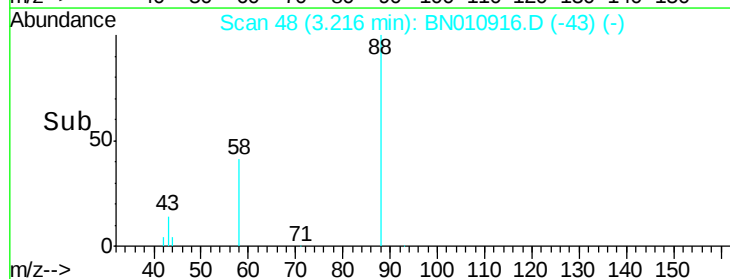
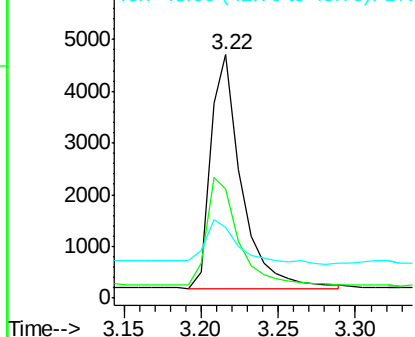
#2

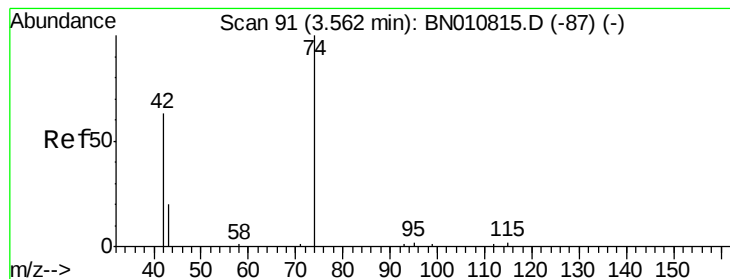
1,4-Dioxane
Concen: 2.598 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010916.D
Acq: 16 Jun 2020 20:39

Tgt Ion: 88 Resp: 6299
Ion Ratio Lower Upper
88 100
58 46.1 38.2 57.4
43 20.0 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNO
Ion 58.00 (57.70 to 58.70): BNO
Ion 43.00 (42.70 to 43.70): BNO





#3

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.54 min Scan# 88

Delta R.T. -0.01 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200611

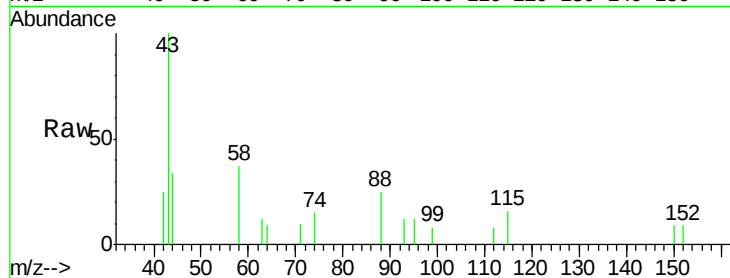
Tot Ion: 42 Resp: 36

Ion Ratio Lower Upper

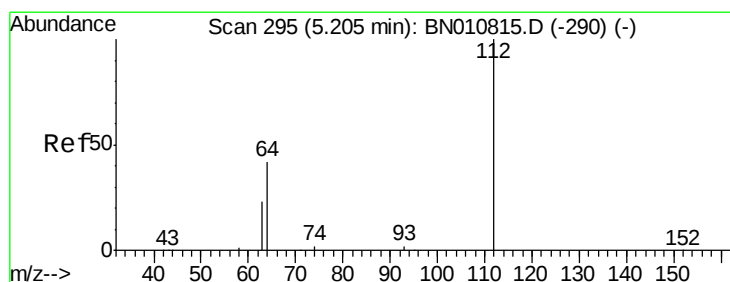
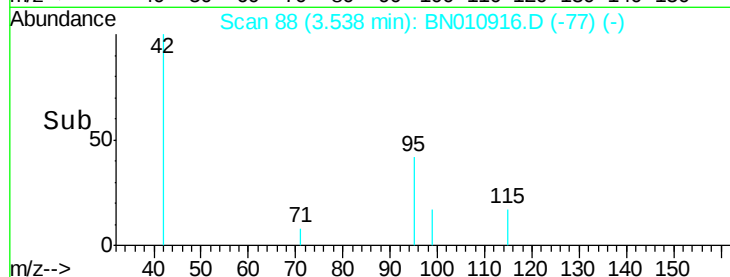
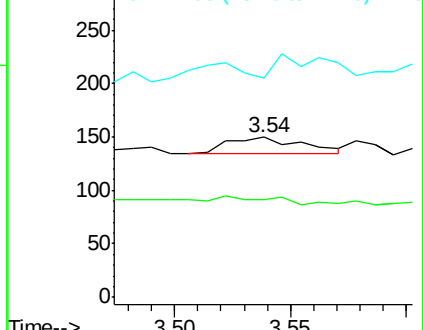
42 100

74 0.0 140.7 211.1#

44 100.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

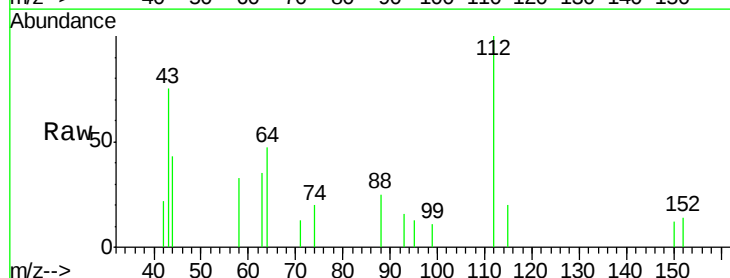
Tgt Ion: 112 Resp: 655

Ion Ratio Lower Upper

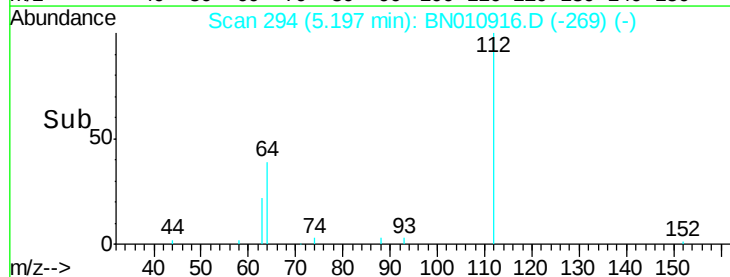
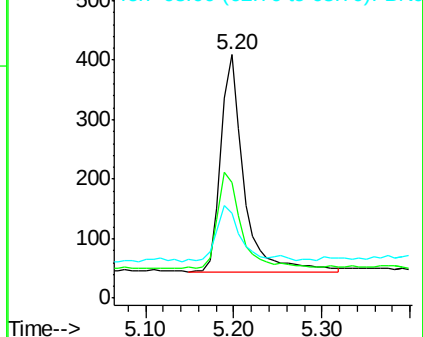
112 100

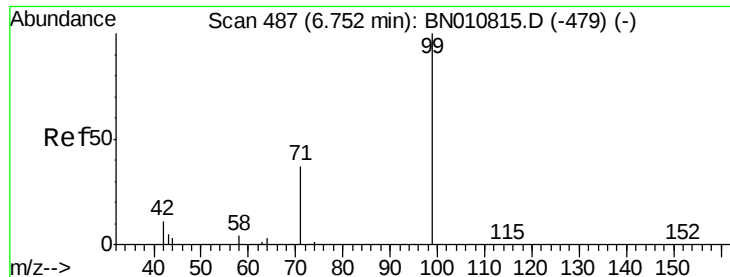
64 44.7 37.4 56.0

63 25.6 22.2 33.4



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: 0.080 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200611

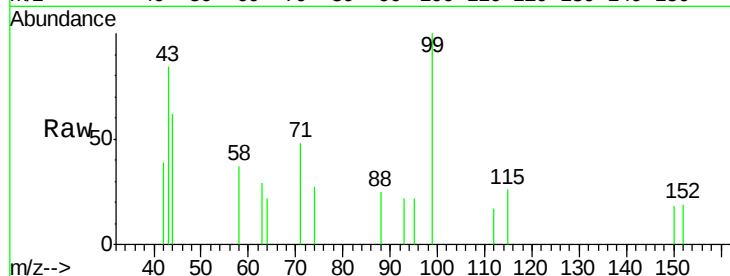
Tot Ion: 99 Resp: 452

Ion Ratio Lower Upper

99 100

42 29.0 11.1 16.7#

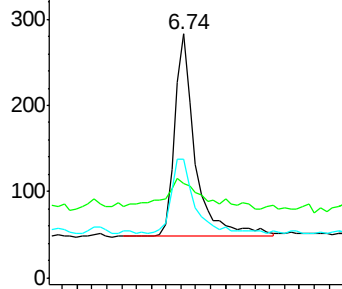
71 43.1 31.4 47.2



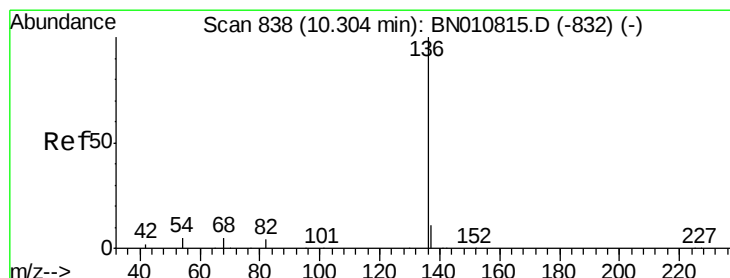
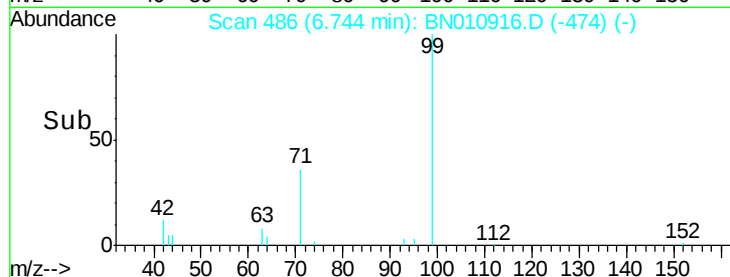
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

Tgt Ion: 136 Resp: 8390

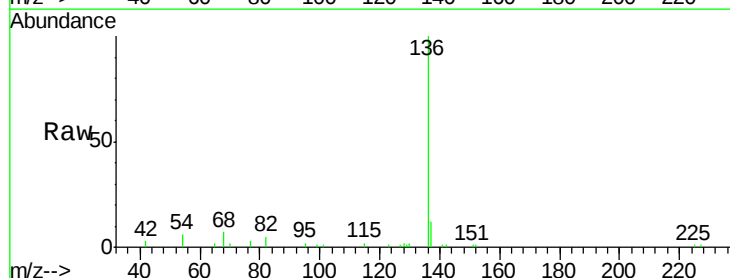
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 5.7 4.9 7.3

68 6.6 4.7 7.1

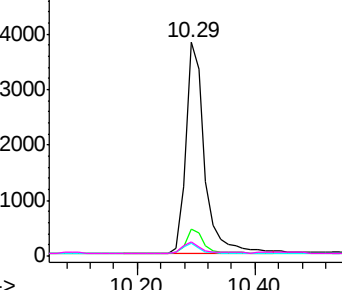


Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

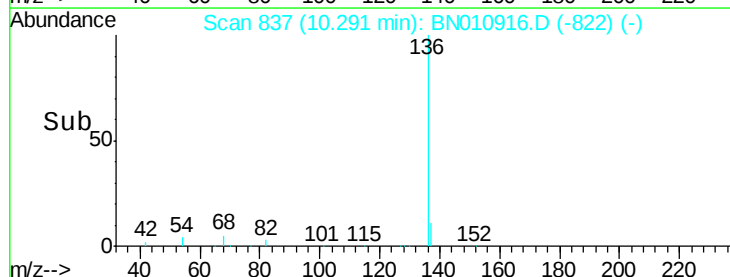
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

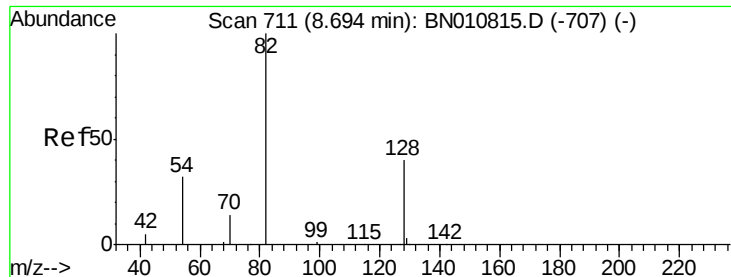
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.317 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200611

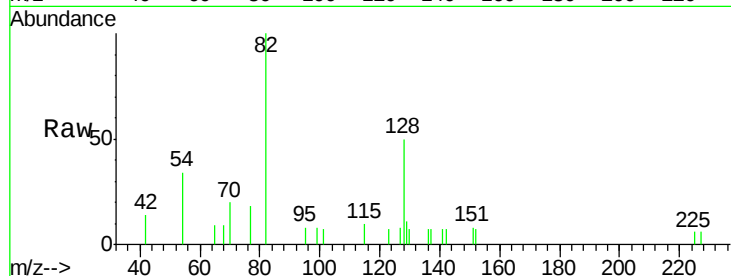
Tot Ion: 82 Resp: 1970

Ion Ratio Lower Upper

82 100

128 49.5 35.4 53.0

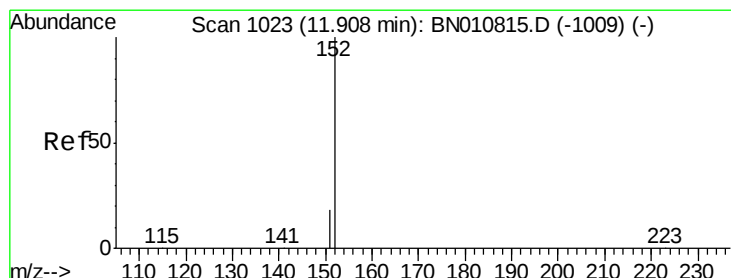
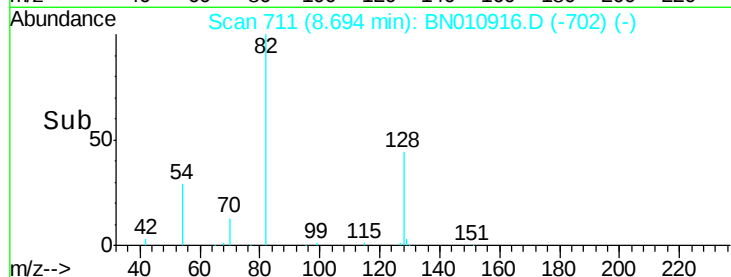
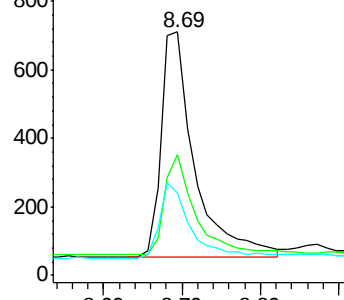
54 34.0 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BN010916.D

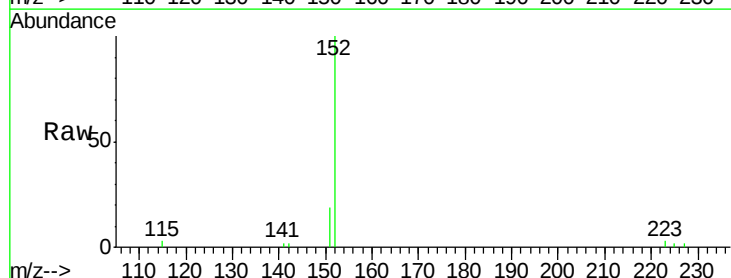
Acq: 16 Jun 2020 20:39

Tgt Ion: 152 Resp: 5026

Ion Ratio Lower Upper

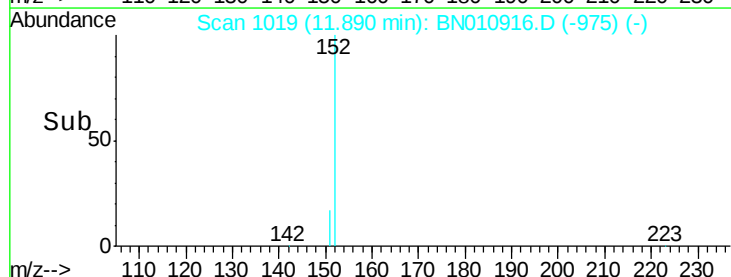
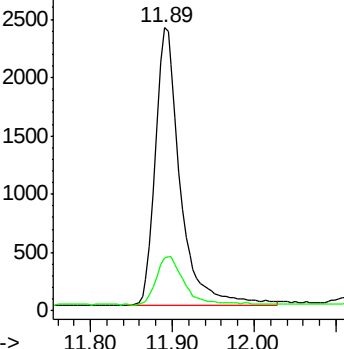
152 100

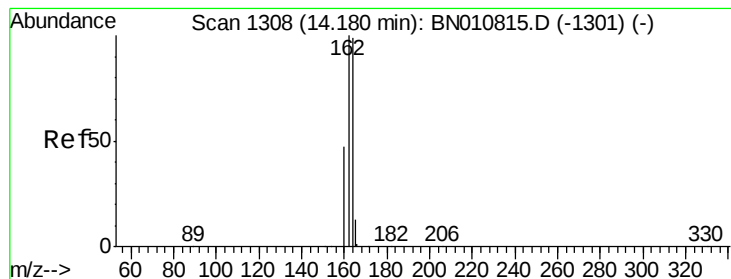
151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

Instrument :

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RE109D1-20200611

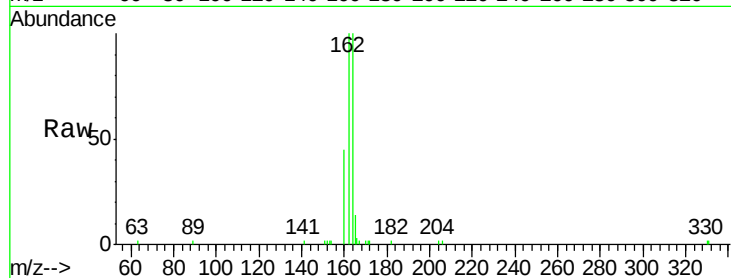
Tot Ion:164 Resp: 4538

Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.6

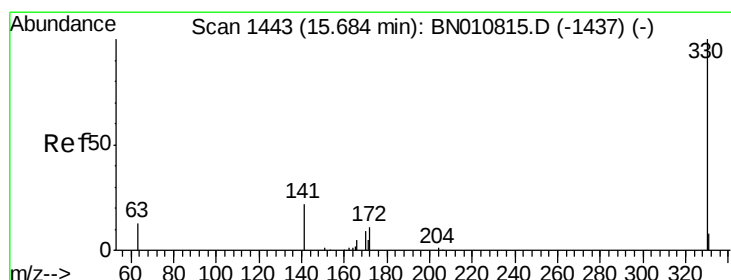
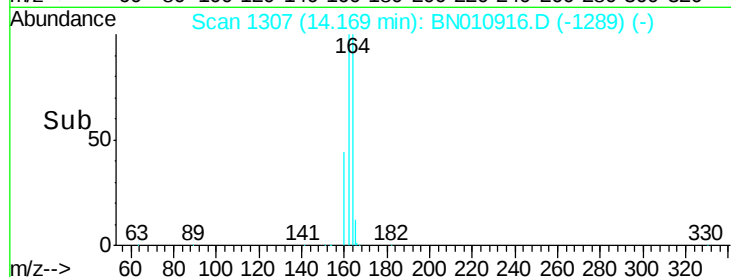
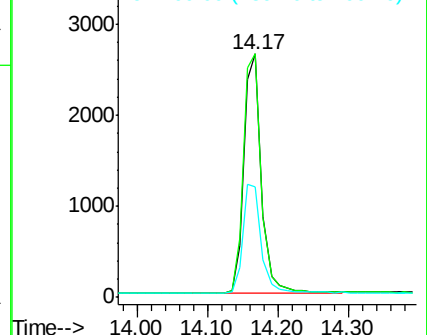
160 45.3 38.9 58.3



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: 0.309 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

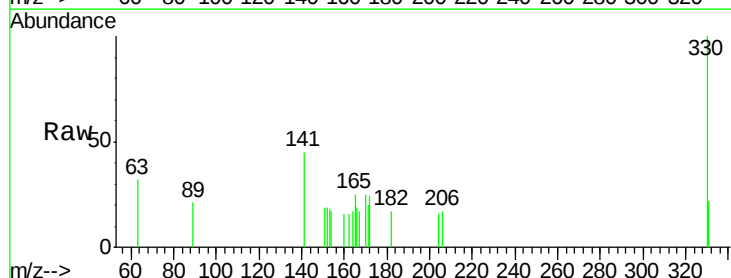
Tgt Ion:330 Resp: 502

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

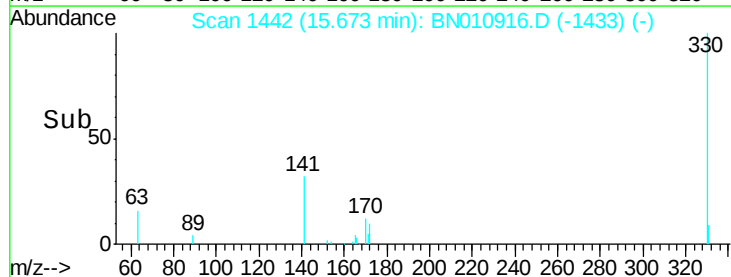
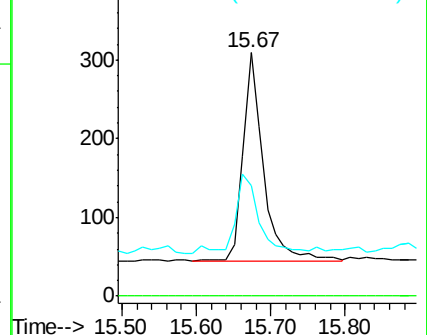
141 40.4 33.2 49.8

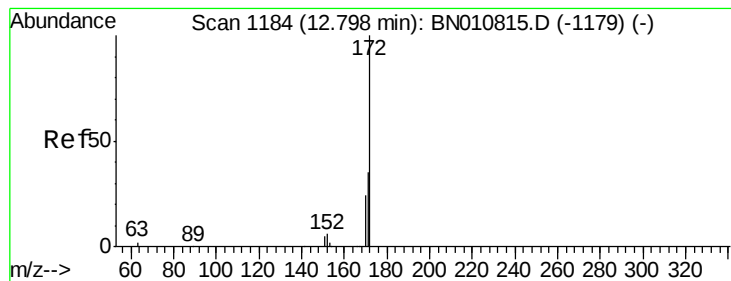


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.345 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010916.D

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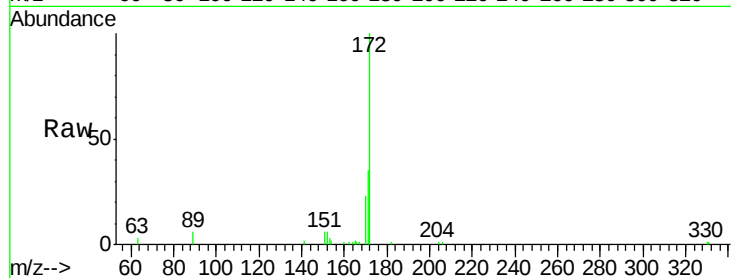
Tot Ion:172 Resp: 6169

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

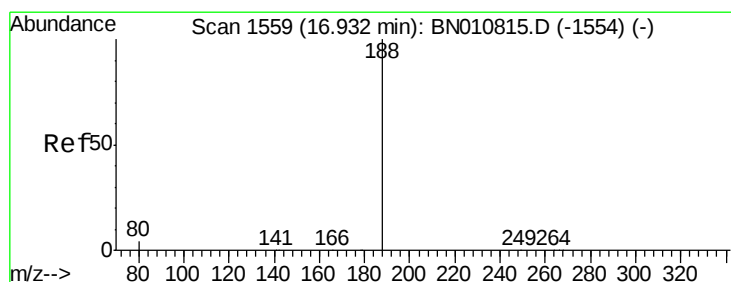
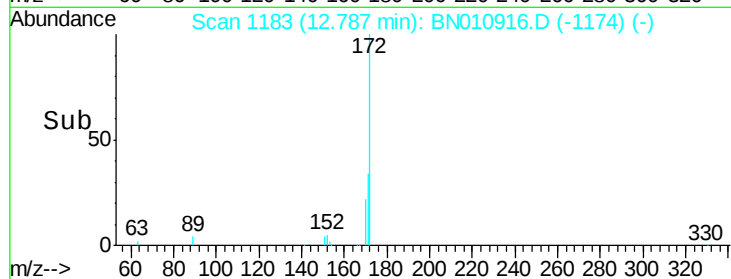
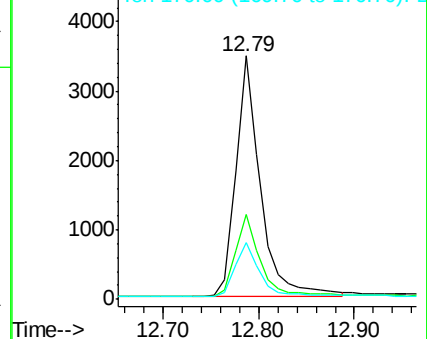
170 23.4 19.7 29.5



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: 16.92 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

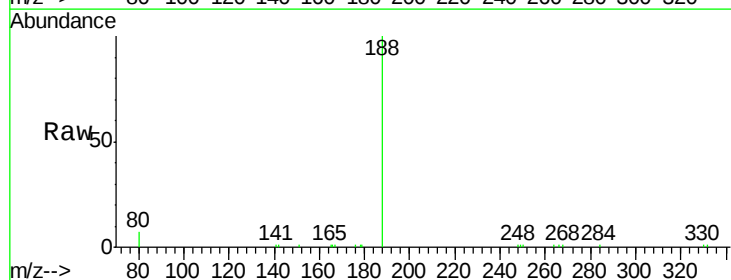
Tgt Ion:188 Resp: 9902

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

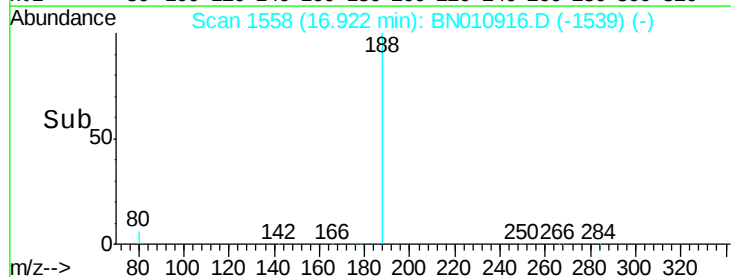
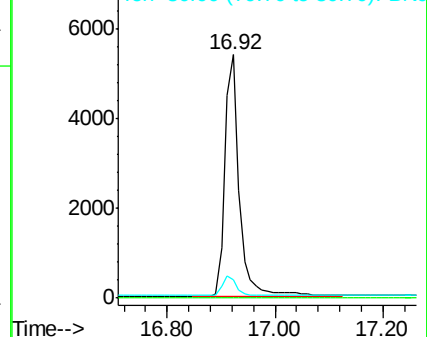
80 7.4 4.5 6.7#

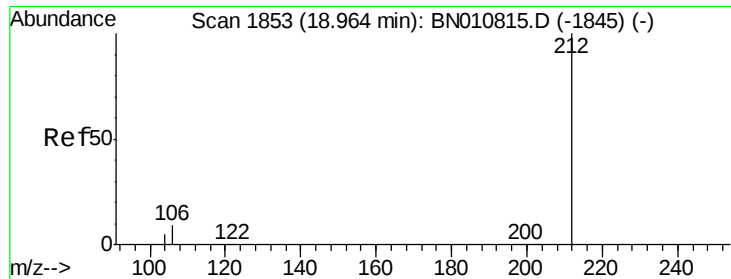


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

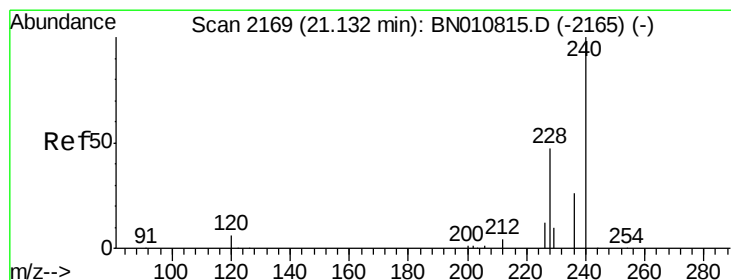
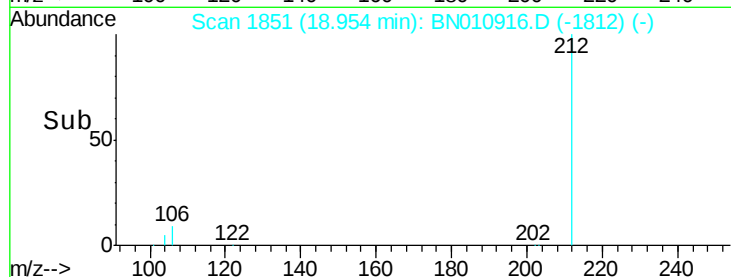
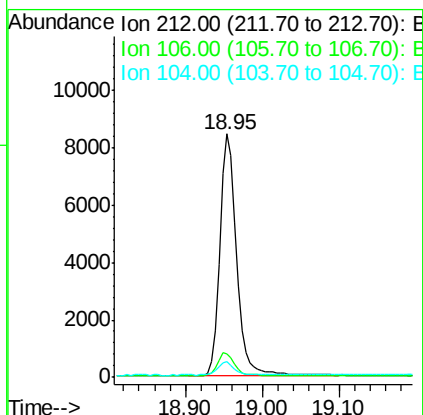
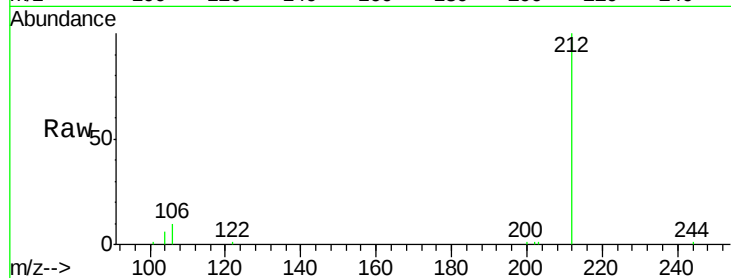




#25
 Fluoranthene-d10
 Concen: 0.465 ng
 RT: 18.95 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BN010916.D
 Acq: 16 Jun 2020 20:39

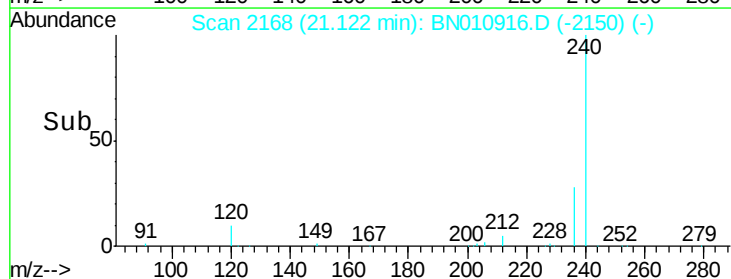
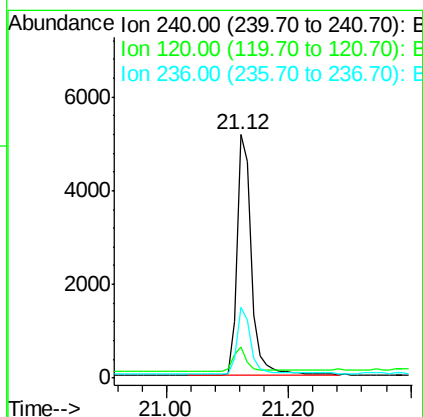
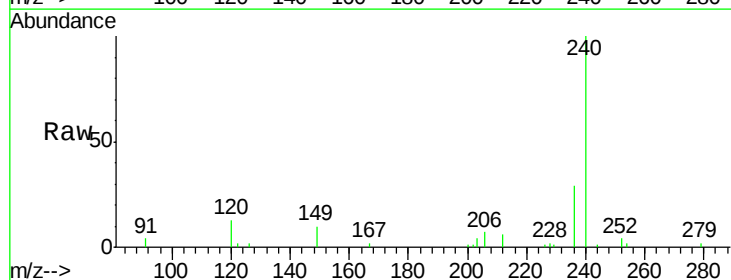
Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20200611

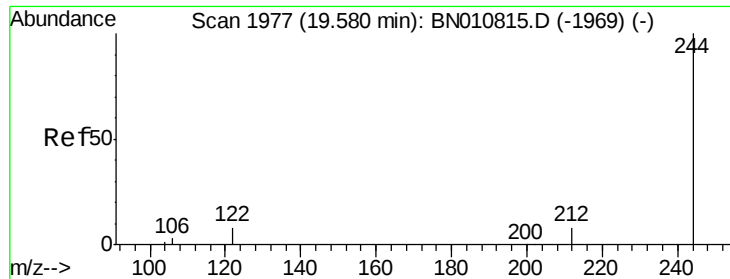
Tot Ion:212 Resp: 12714
 Ion Ratio Lower Upper
 212 100
 106 9.3 6.6 10.0
 104 5.4 4.0 6.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BN010916.D
 Acq: 16 Jun 2020 20:39

Tgt Ion:240 Resp: 8617
 Ion Ratio Lower Upper
 240 100
 120 12.6 7.5 11.3#
 236 29.2 22.3 33.5





#29

Terphenyl-d14

Concen: 0.478 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200611

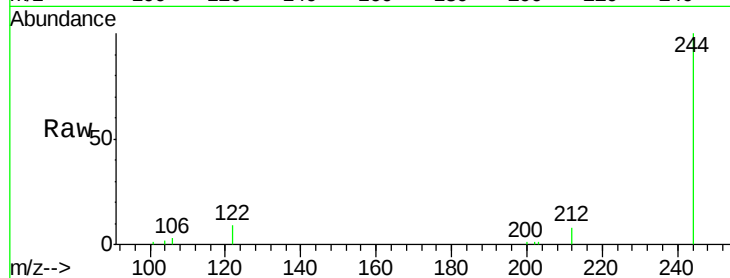
Tot Ion:244 Resp: 9633

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

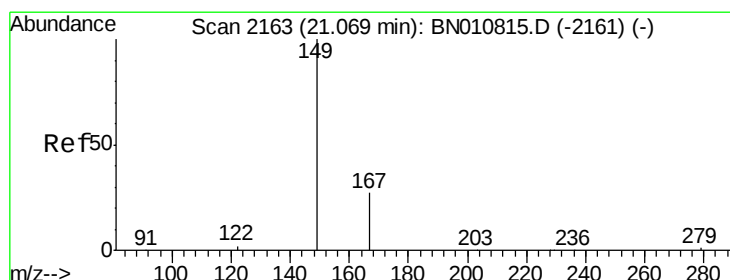
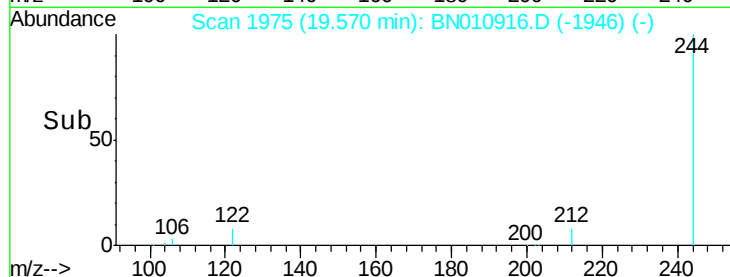
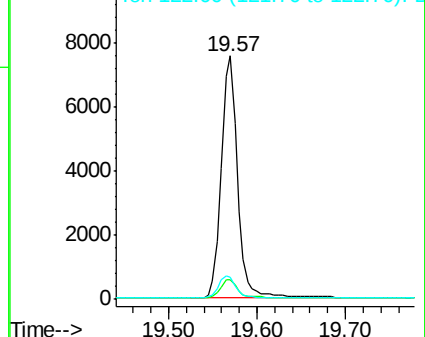
122 9.1 7.5 11.3



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: 0.125 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

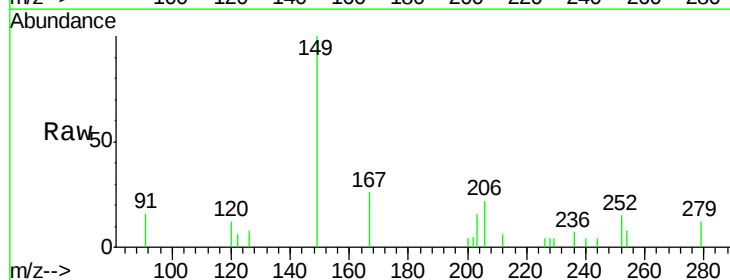
Tgt Ion:149 Resp: 1054

Ion Ratio Lower Upper

149 100

167 26.1 24.1 36.1

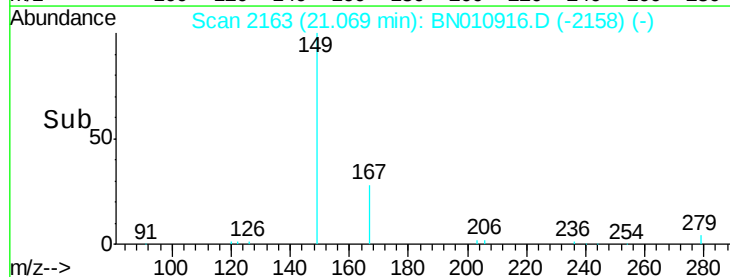
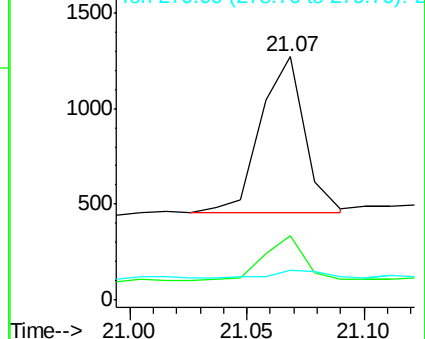
279 7.2 4.6 7.0#

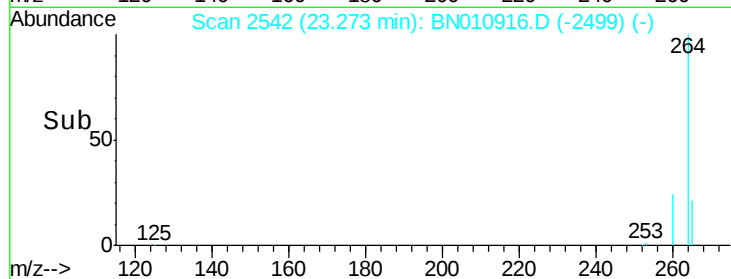
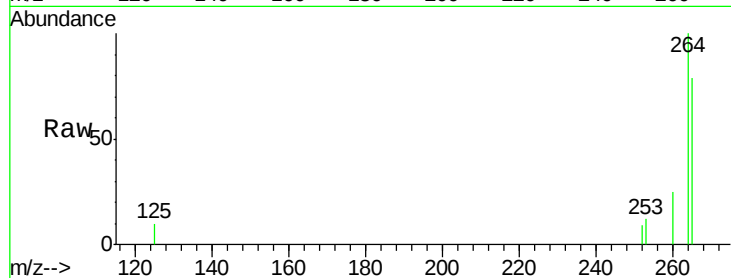
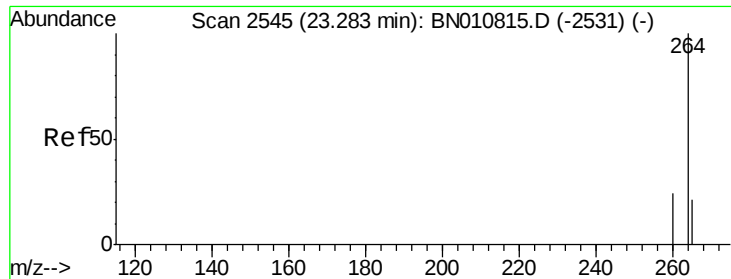


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010916.D

Acq: 16 Jun 2020 20:39

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200611

Tot Ion:264 Resp: 8914

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 78.9 75.0 112.4

