

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010917.D
 Acq On : 16 Jun 2020 21:15
 Operator : CG/JU
 Sample : L3011-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20200611

Quant Time: Jun 17 04:30:16 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

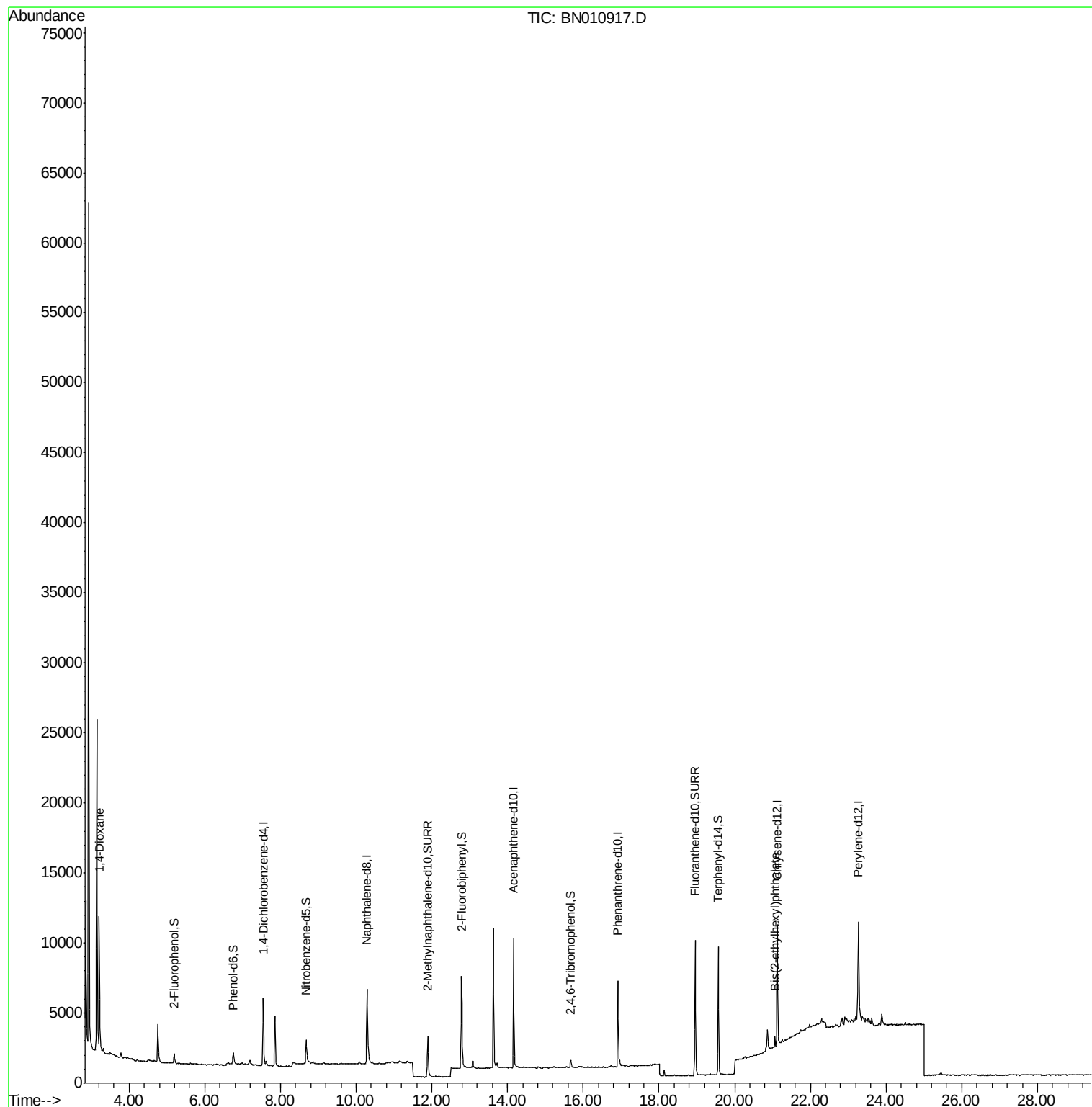
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2517	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8740	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	5366	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9865	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9043	0.40	ng	0.00
34) Perylene-d12	23.27	264	10059	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	742	0.15	ng	0.00
5) Phenol-d6	6.74	99	561	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2133	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5048	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	558	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	6687	0.32	ng	0.00
25) Fluoranthene-d10	18.96	212	12672	0.47	ng	0.00
29) Terphenyl-d14	19.57	244	9714	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	7680	3.115	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	800	0.090	ng	94

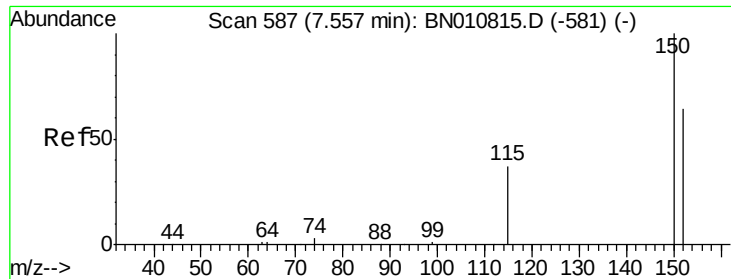
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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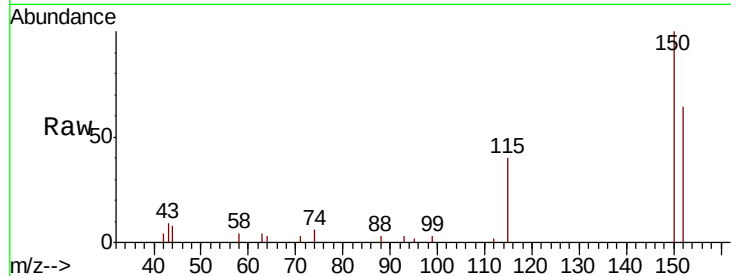


#1

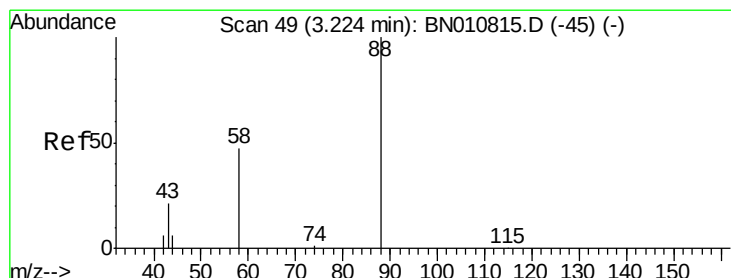
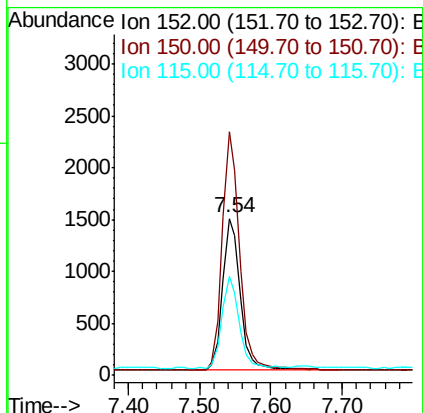
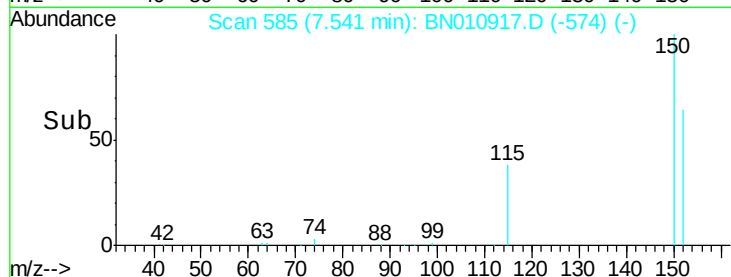
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010917.D
Acq: 16 Jun 2020 21:15

Instrument :
BNA_N
ClientSampleId :
RE109D2-20200611

Tot Ion:152 Resp: 2517
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 62.8 49.2 73.8



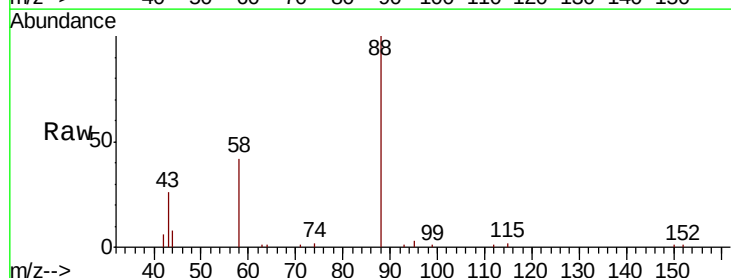
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



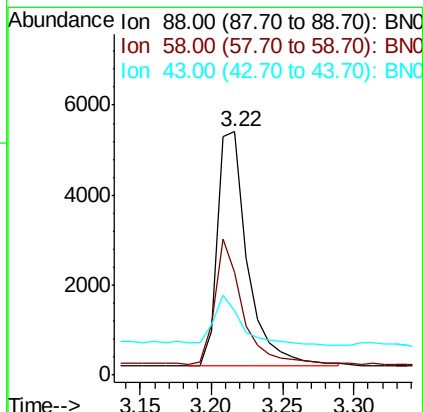
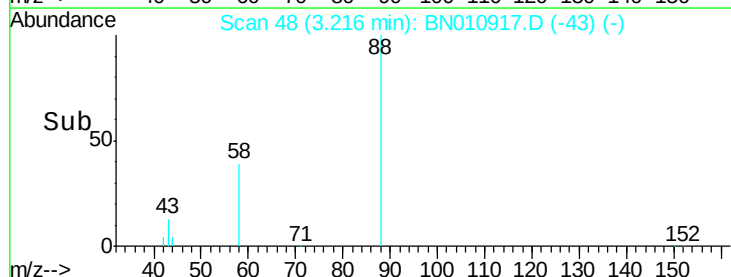
#2

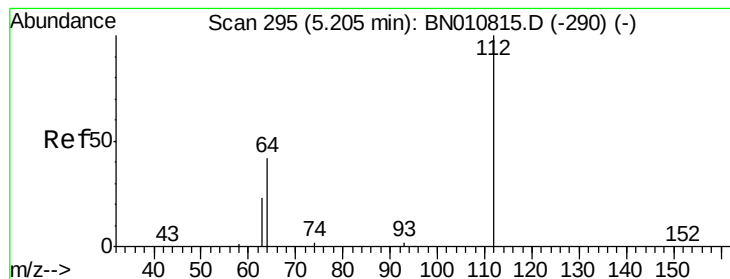
1,4-Dioxane
Concen: 3.115 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010917.D
Acq: 16 Jun 2020 21:15

Tgt Ion: 88 Resp: 7680
Ion Ratio Lower Upper
88 100
58 47.4 38.2 57.4
43 19.4 15.1 22.7



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: 0.153 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

Instrument :

BNA_N

ClientSampleId :

RE109D2-20200611

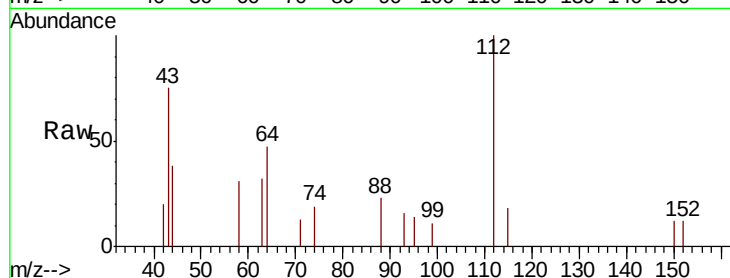
Tot Ion:112 Resp: 742

Ion Ratio Lower Upper

112 100

64 45.4 37.4 56.0

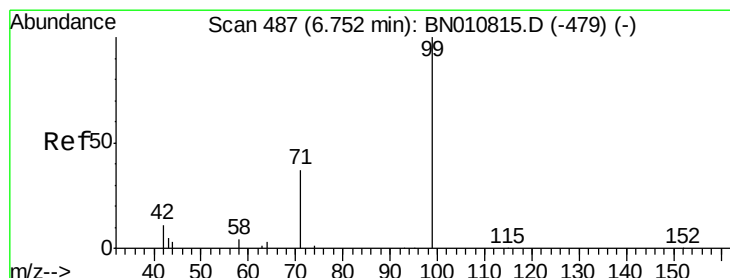
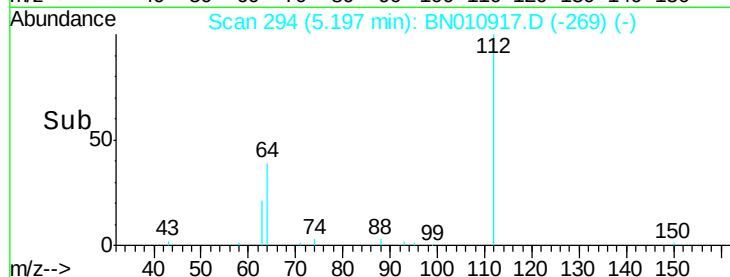
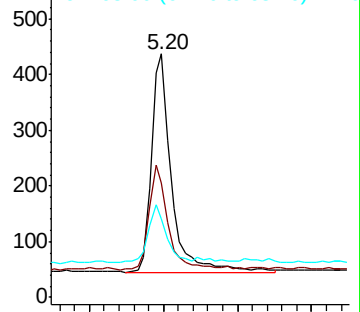
63 24.1 22.2 33.4



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: 0.098 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

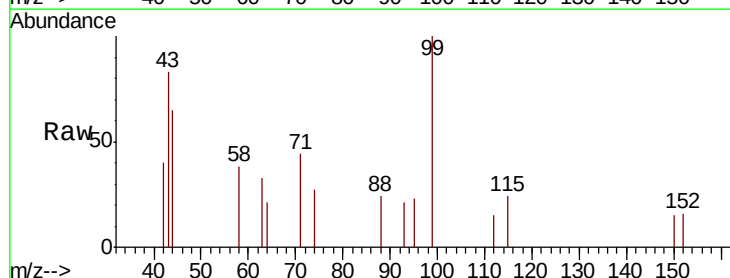
Tgt Ion: 99 Resp: 561

Ion Ratio Lower Upper

99 100

42 28.9 11.1 16.7#

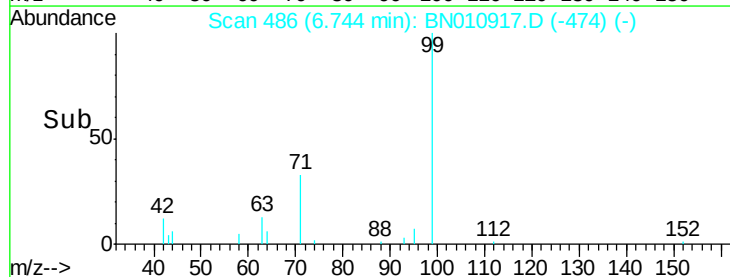
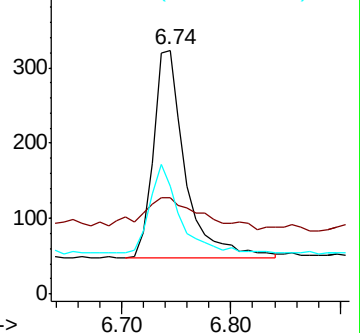
71 40.1 31.4 47.2

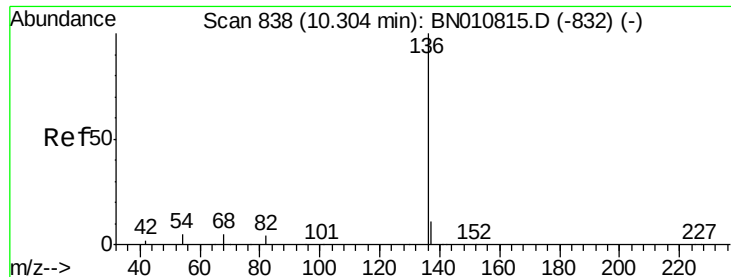


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

Instrument :

BNA_N

ClientSampleId :

RE109D2-20200611

Tot Ion:136 Resp: 8740

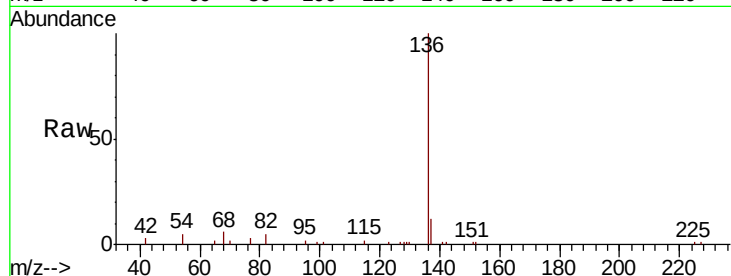
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.5 4.9 7.3

68 6.0 4.7 7.1

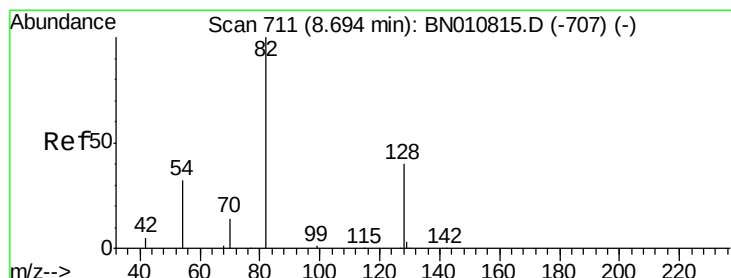
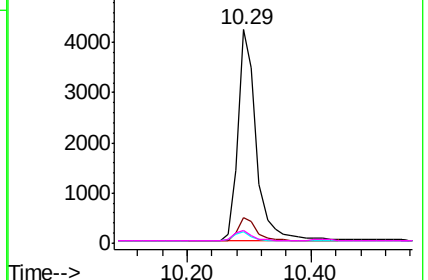
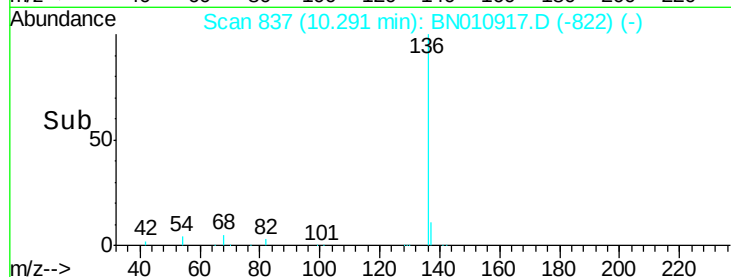


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.330 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

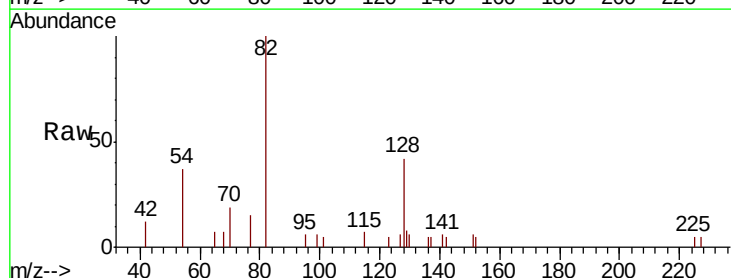
Tgt Ion: 82 Resp: 2133

Ion Ratio Lower Upper

82 100

128 41.8 35.4 53.0

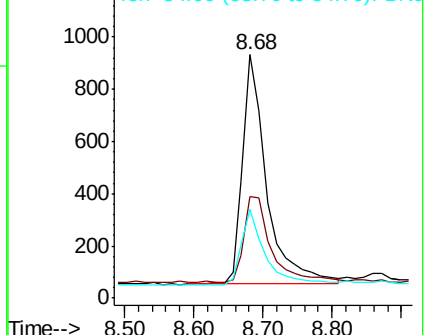
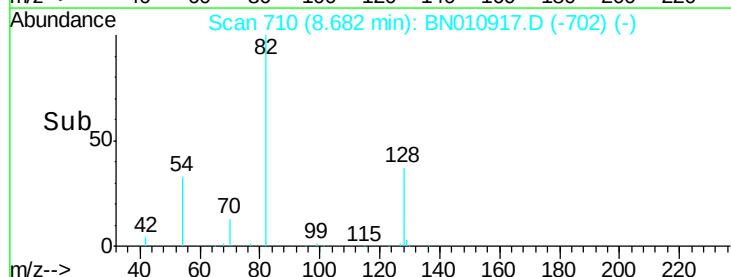
54 36.7 28.2 42.4

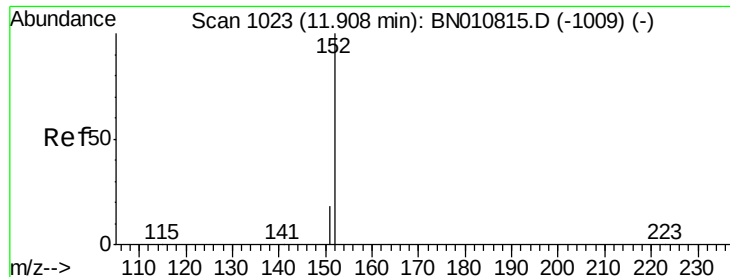


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

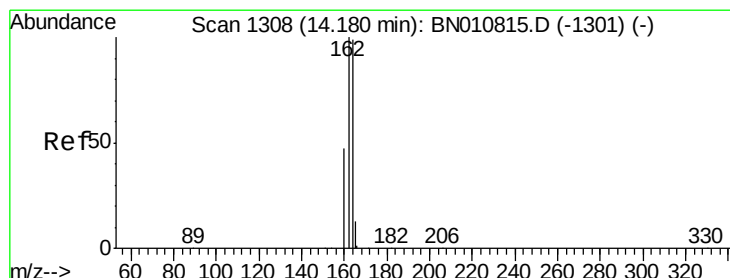
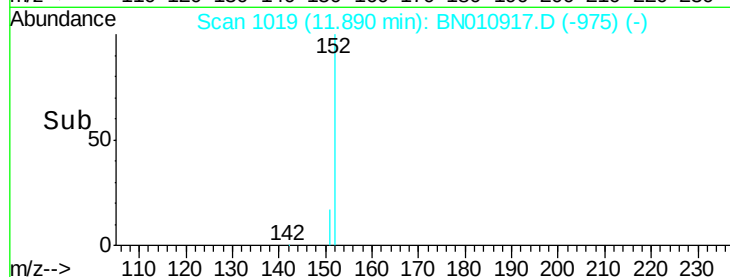
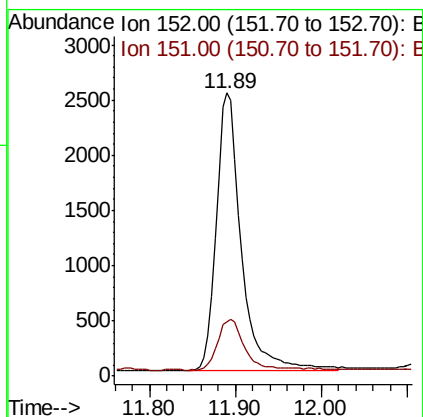
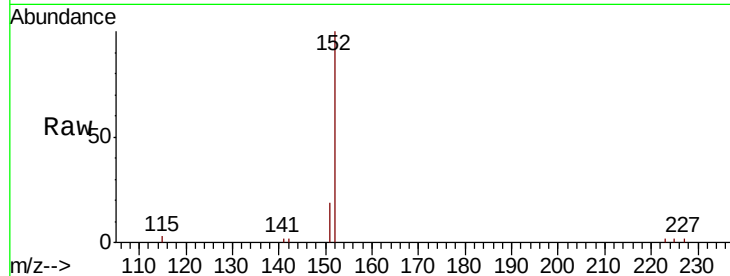




#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010917.D
Acq: 16 Jun 2020 21:15

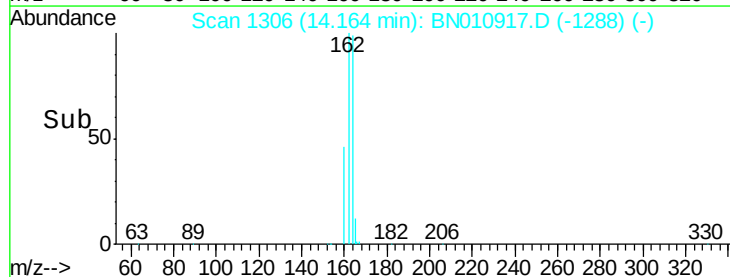
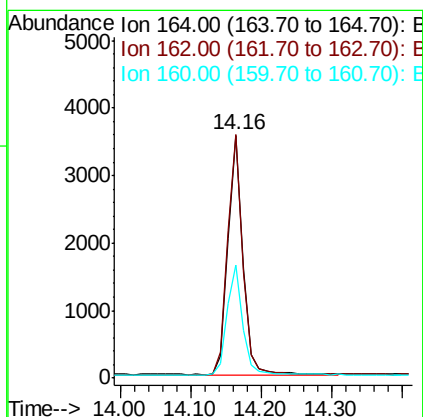
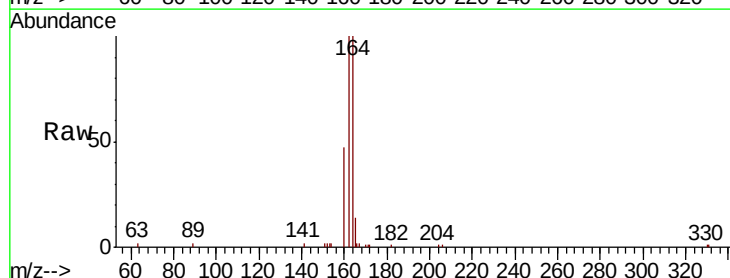
Instrument :
BNA_N
ClientSampleId :
RE109D2-20200611

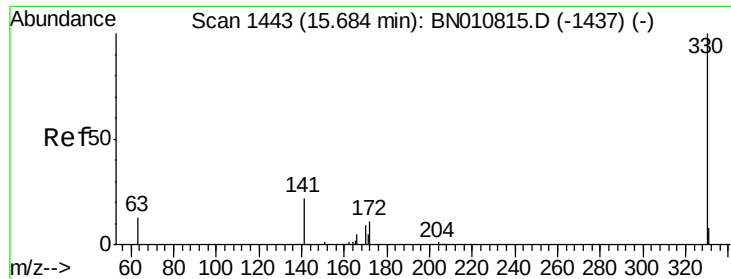
Tot Ion:152 Resp: 5048
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010917.D
Acq: 16 Jun 2020 21:15

Tgt Ion:164 Resp: 5366
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 46.9 38.9 58.3

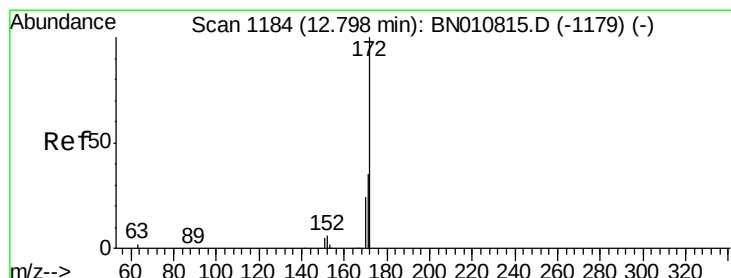
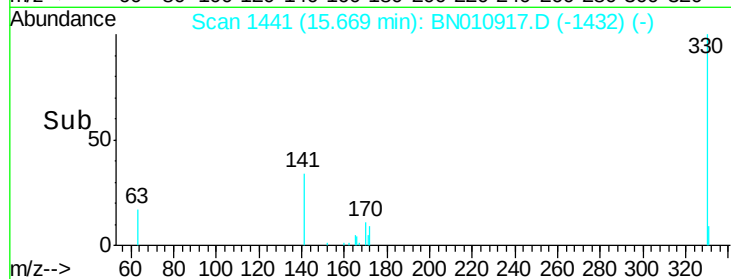
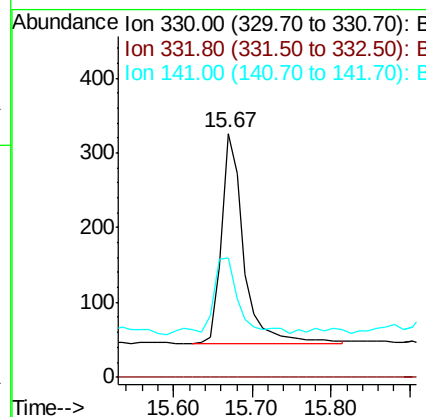
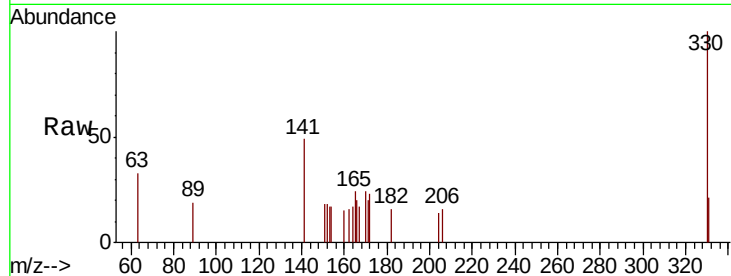




#14
 2,4,6-Tribromophenol
 Concen: 0.291 ng
 RT: 15.67 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BN010917.D
 Acq: 16 Jun 2020 21:15

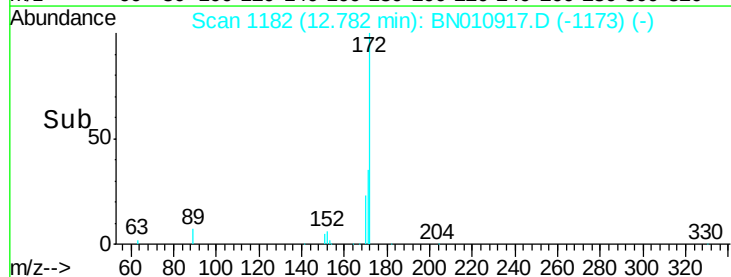
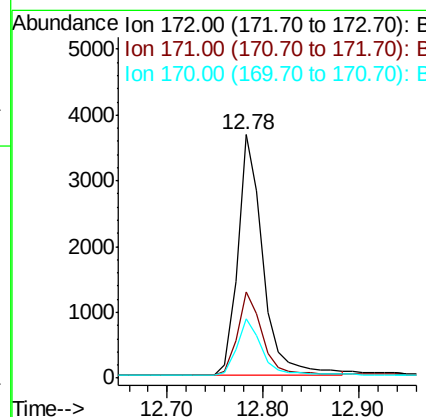
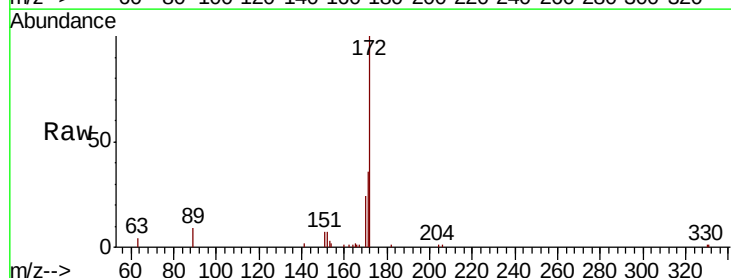
Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20200611

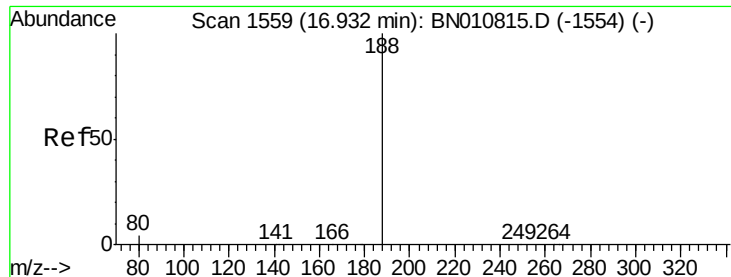
Tot Ion:330 Resp: 558
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 42.5 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.316 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BN010917.D
 Acq: 16 Jun 2020 21:15

Tgt Ion:172 Resp: 6687
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.2 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

Instrument :

BNA_N

ClientSampleId :

RE109D2-20200611

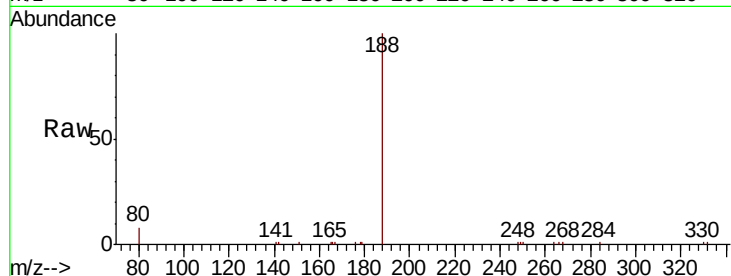
Tot Ion:188 Resp: 9865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

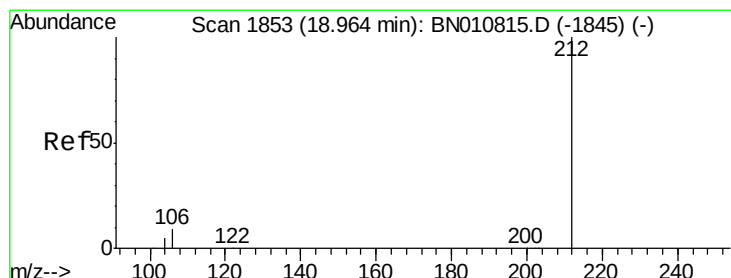
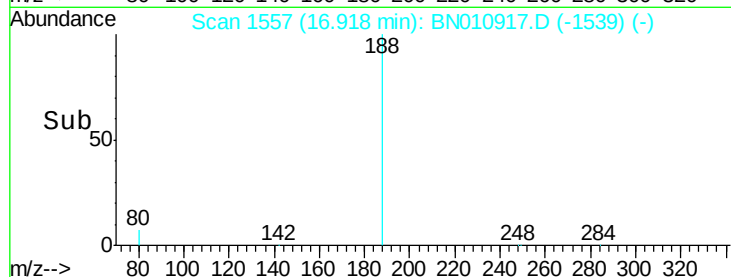
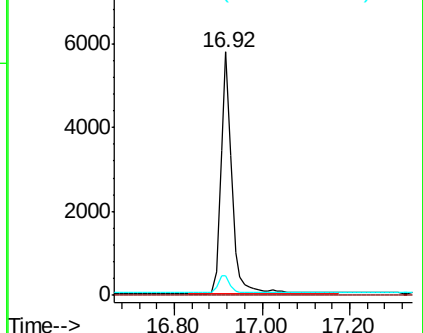
80 7.9 4.5 6.7#



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: 18.96 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

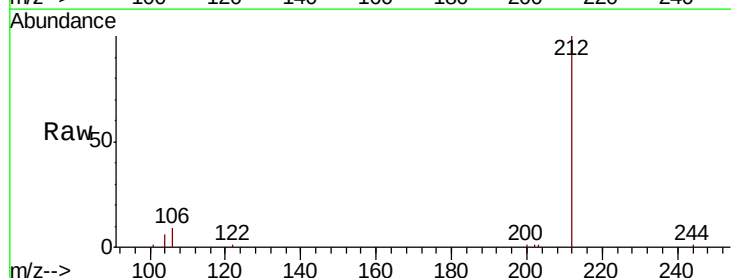
Tgt Ion:212 Resp: 12672

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

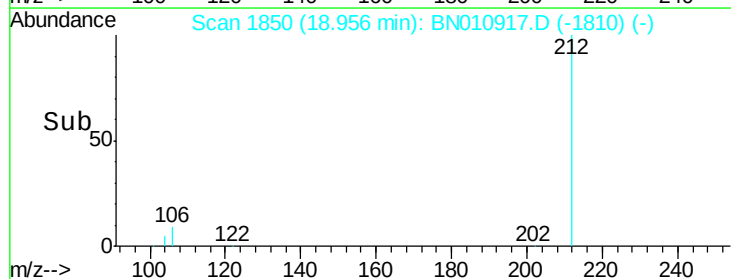
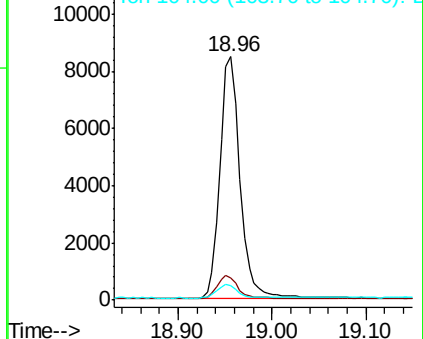
104 5.5 4.0 6.0

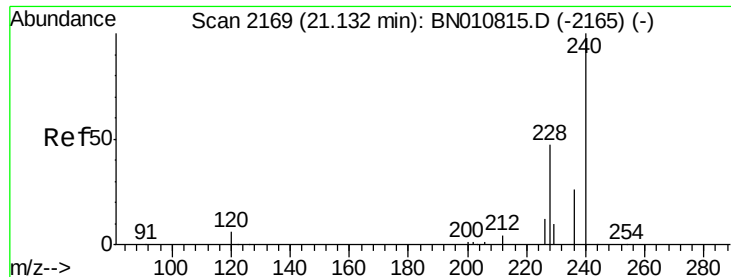


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.12 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

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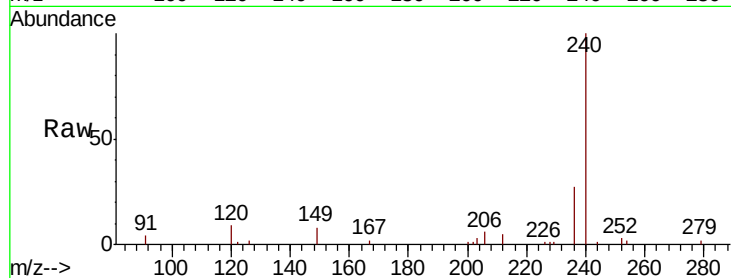
Tot Ion:240 Resp: 9043

Ion Ratio Lower Upper

240 100

120 9.3 7.5 11.3

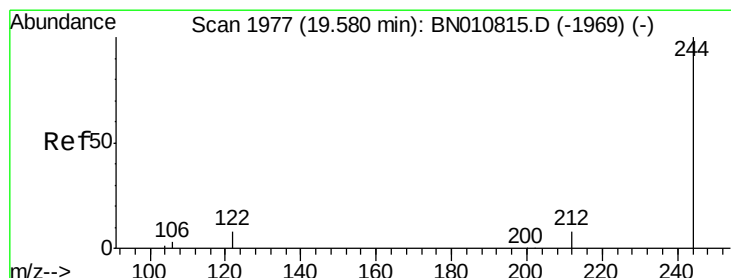
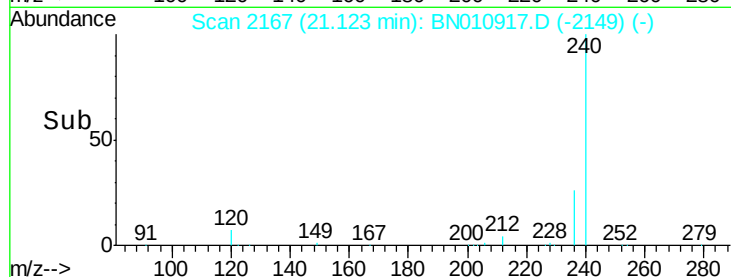
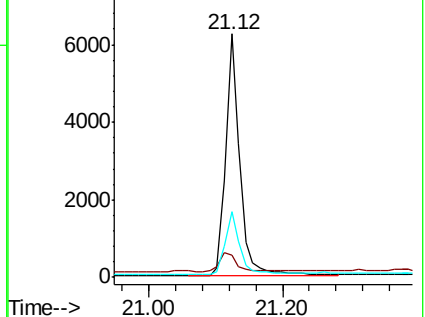
236 27.2 22.3 33.5



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: 0.459 ng

RT: 19.57 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

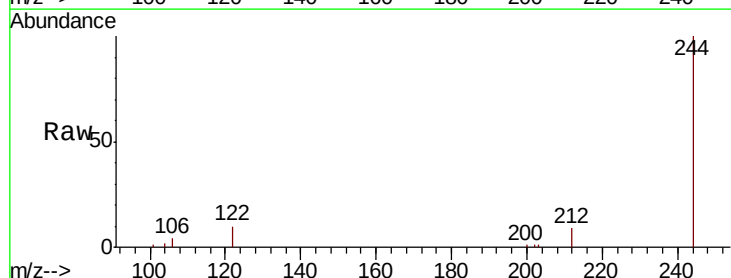
Tgt Ion:244 Resp: 9714

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

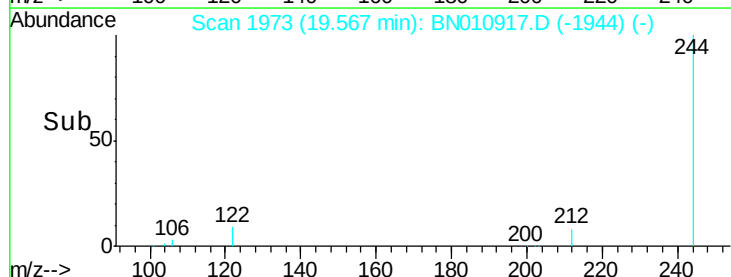
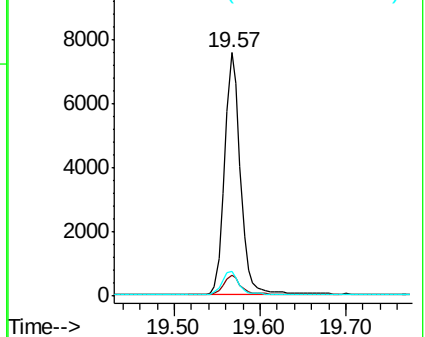
122 9.9 7.5 11.3

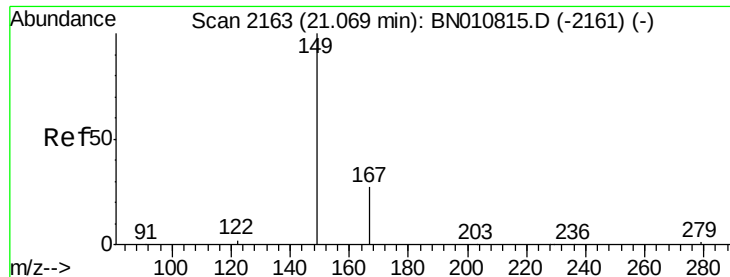


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.090 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN010917.D

Acq: 16 Jun 2020 21:15

Instrument :

BNA_N

ClientSampleId :

RE109D2-20200611

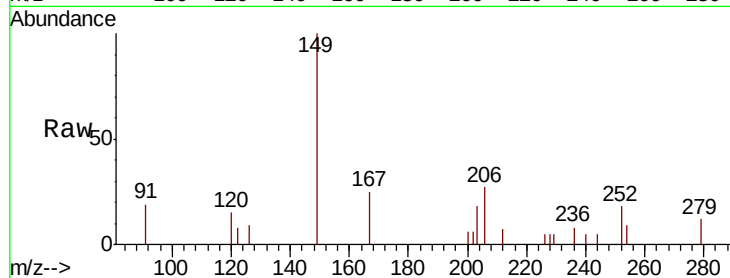
Tot Ion:149 Resp: 800

Ion Ratio Lower Upper

149 100

167 26.3 24.1 36.1

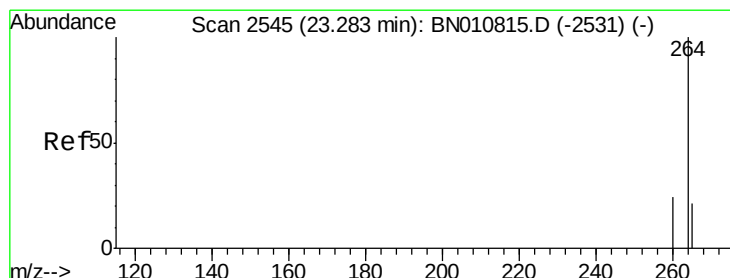
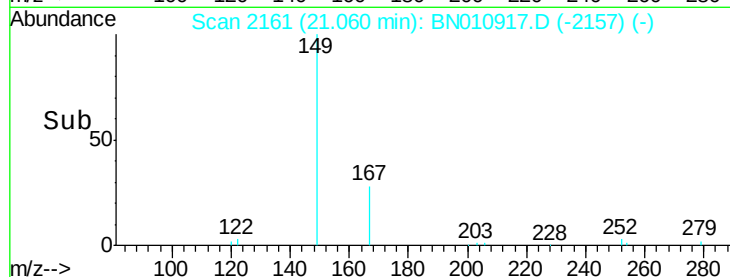
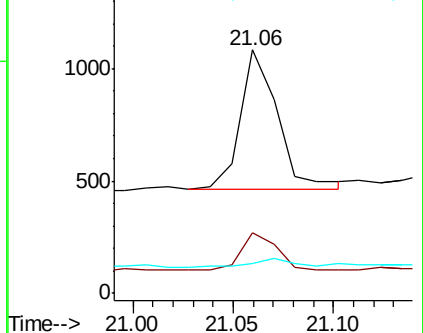
279 5.8 4.6 7.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2540

Delta R.T. -0.00 min

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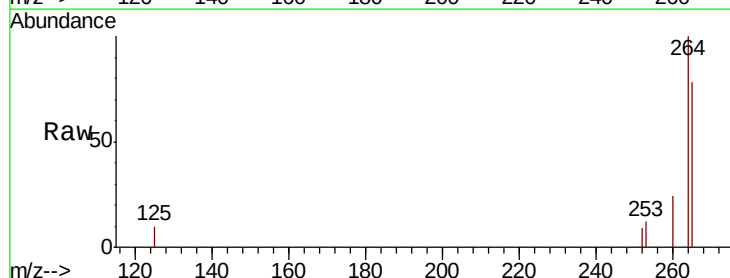
Tgt Ion:264 Resp: 10059

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

265 78.0 75.0 112.4



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

