

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010918.D
 Acq On : 16 Jun 2020 21:51
 Operator : CG/JU
 Sample : L3011-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20200611

Quant Time: Jun 17 06:31:52 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

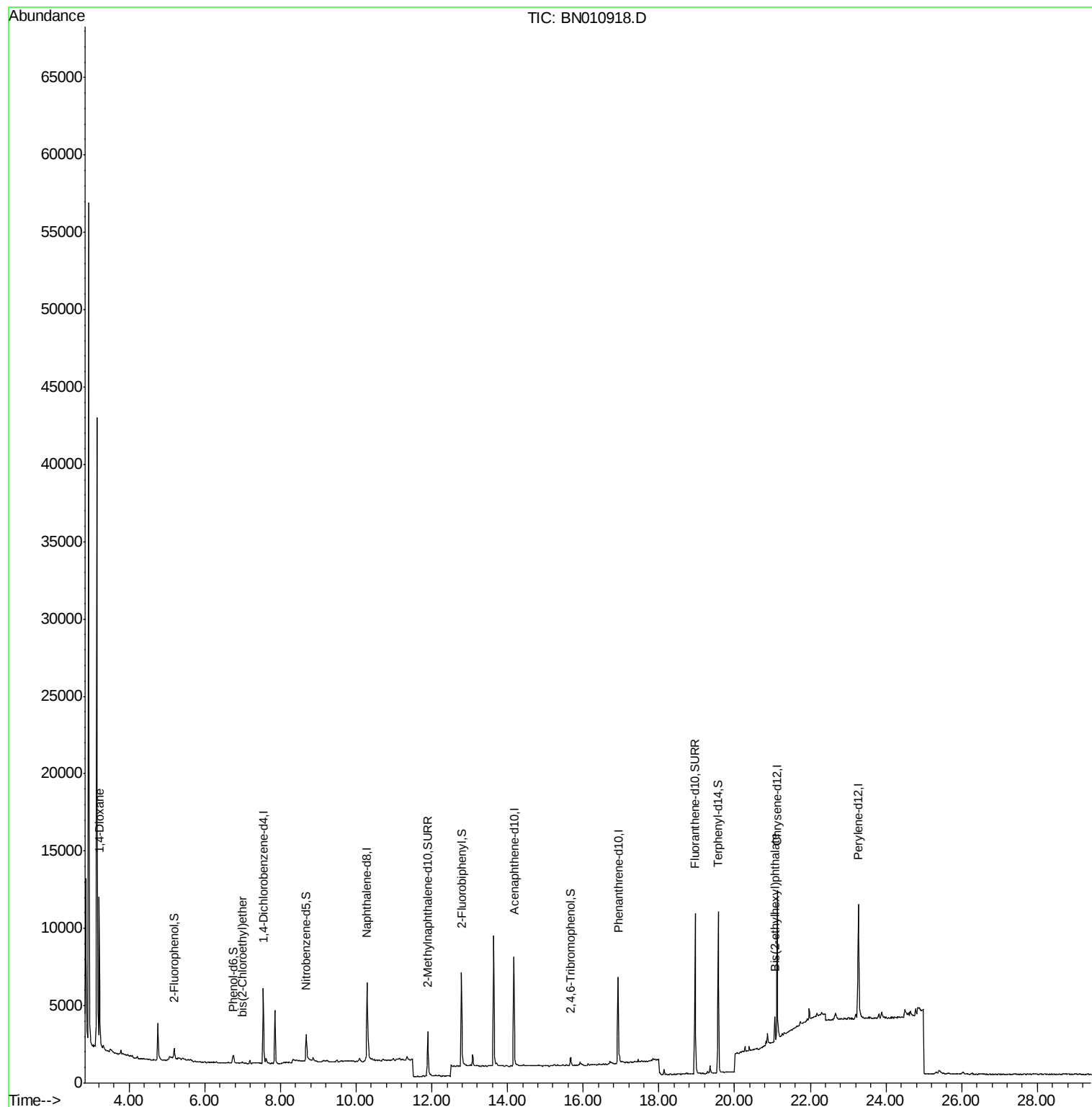
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2475	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8488	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4736	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9651	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9791	0.40	ng	-0.01
34) Perylene-d12	23.27	264	10052	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	730	0.15	ng	0.00
5) Phenol-d6	6.74	99	427	0.08	ng	0.00
8) Nitrobenzene-d5	8.68	82	2210	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4724	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	526	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6240	0.33	ng	0.00
25) Fluoranthene-d10	18.95	212	13120	0.49	ng	0.00
29) Terphenyl-d14	19.56	244	11026	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	7619	3.143	ng	99
6) bis(2-Chloroethyl)ether	6.99	93	117	0.021	ng	87
32) Bis(2-ethylhexyl)phthalate	21.07	149	1700	0.177	ng	# 94

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

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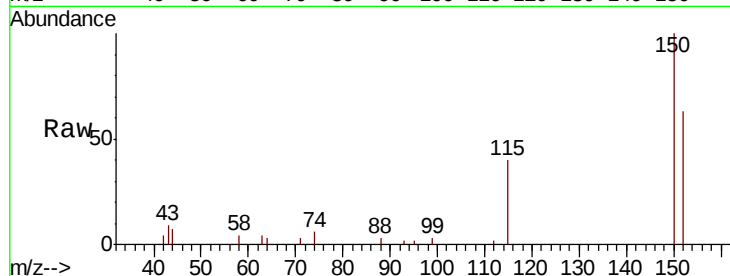


#1

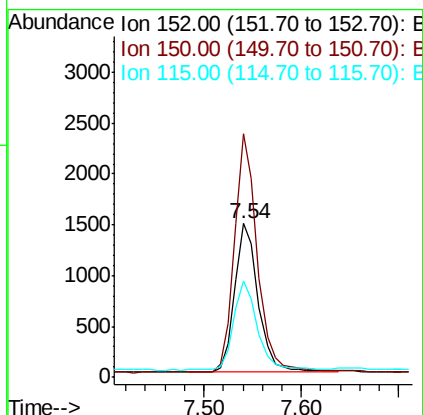
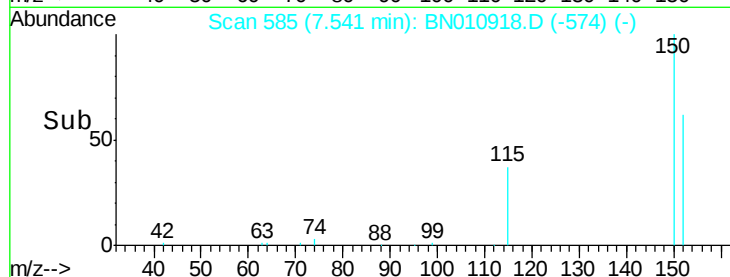
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010918.D
Acq: 16 Jun 2020 21:51

Instrument :
BNA_N
ClientSampleId :
RE109D3-20200611

Tot Ion:152 Resp: 2475
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.6
115 62.7 49.2 73.8



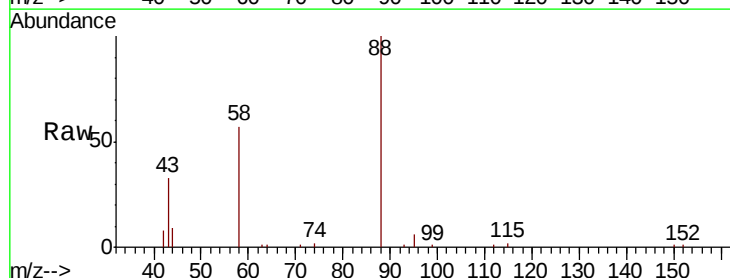
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



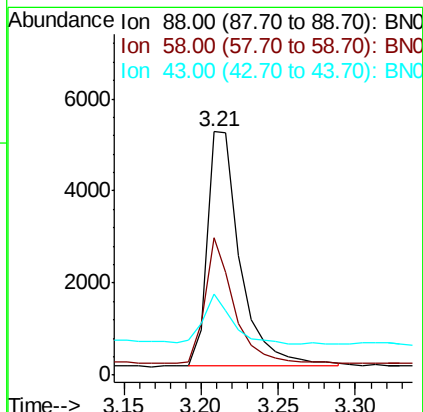
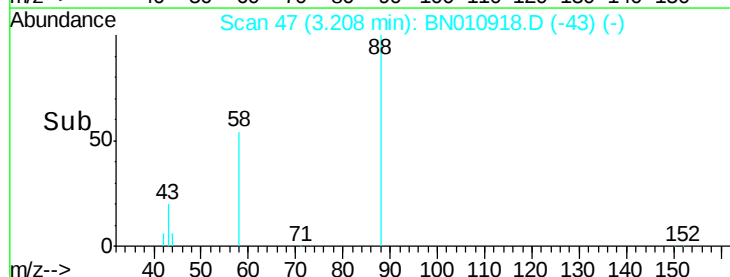
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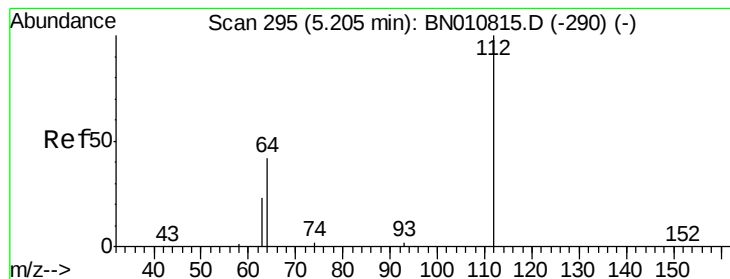
1,4-Dioxane
Concen: 3.143 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010918.D
Acq: 16 Jun 2020 21:51

Tgt Ion: 88 Resp: 7619
Ion Ratio Lower Upper
88 100
58 47.1 38.2 57.4
43 18.3 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: BN010918.D

Acq: 16 Jun 2020 21:51

Instrument :

BNA_N

ClientSampleId :

RE109D3-20200611

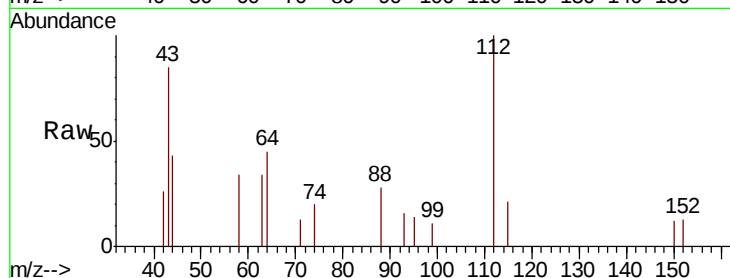
Tot Ion:112 Resp: 730

Ion Ratio Lower Upper

112 100

64 44.7 37.4 56.0

63 26.6 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

5.20

400

300

200

100

0

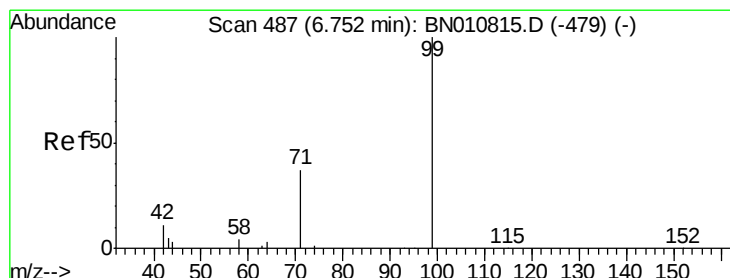
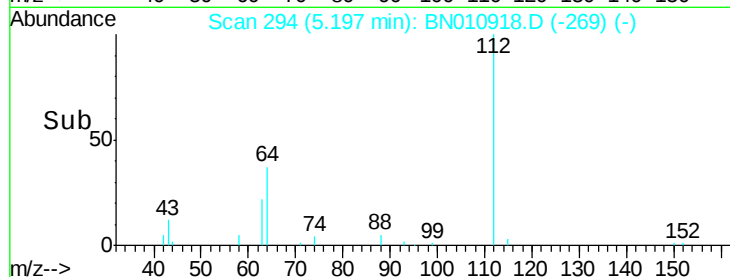
5.10

5.20

5.30

5.40

Time-->



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010918.D

Acq: 16 Jun 2020 21:51

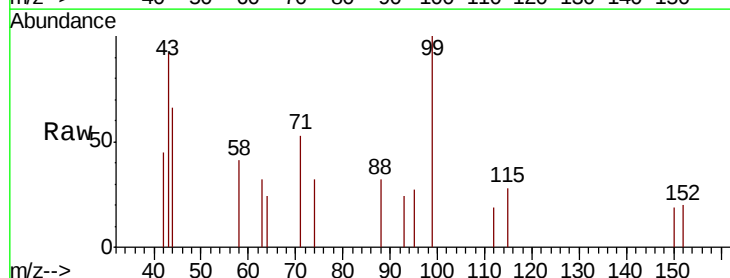
Tgt Ion: 99 Resp: 427

Ion Ratio Lower Upper

99 100

42 23.0 11.1 16.7#

71 45.4 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

6.74

300

200

100

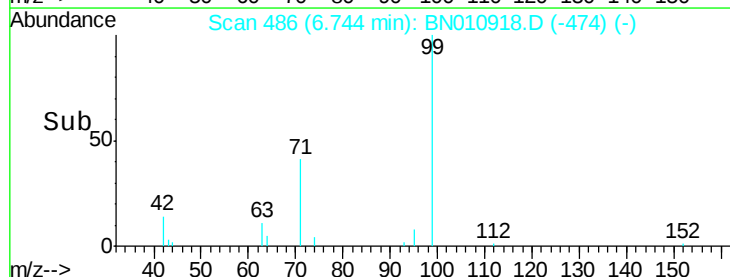
0

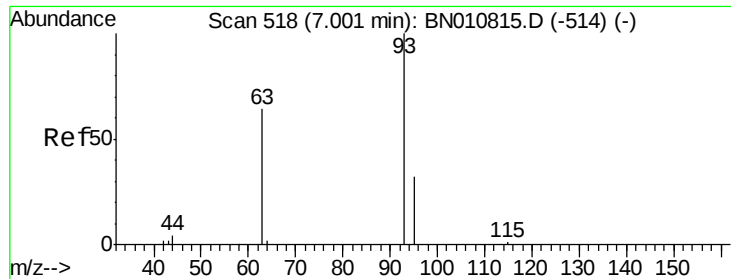
6.70

6.80

6.90

Time-->



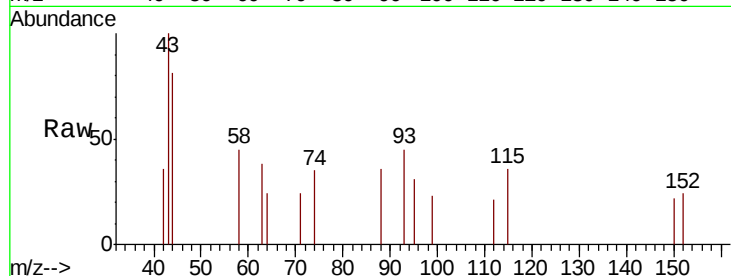


#6

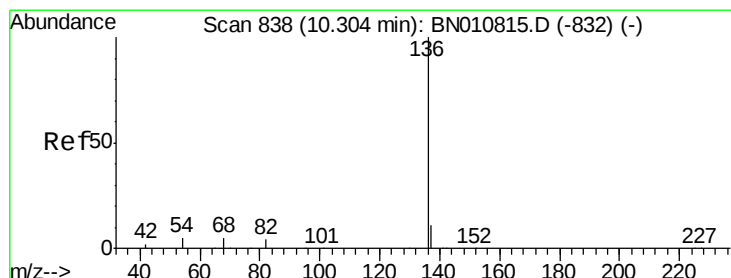
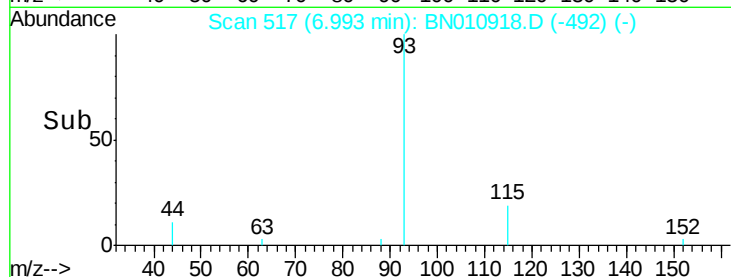
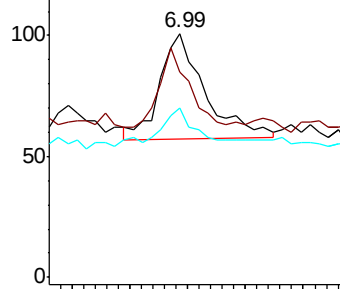
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 6.99 min Scan# 517
Delta R.T. 0.00 min
Lab File: BN010918.D
Acq: 16 Jun 2020 21:51

Instrument :
BNA_N
ClientSampleId :
RE109D3-20200611

Tot Ion: 93 Resp: 117
Ion Ratio Lower Upper
93 100
63 49.6 49.4 74.2
95 38.5 26.7 40.1



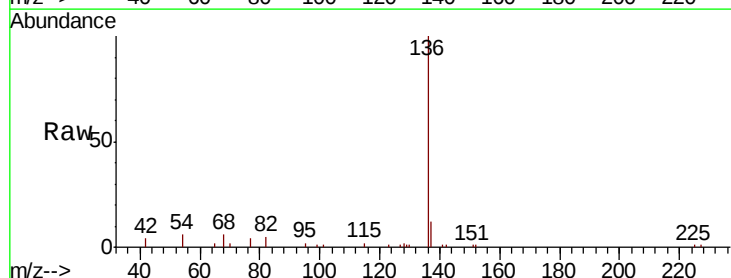
Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



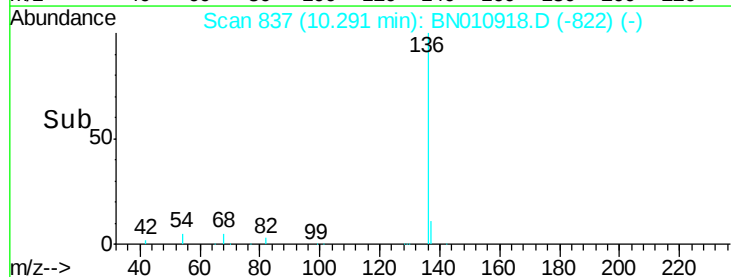
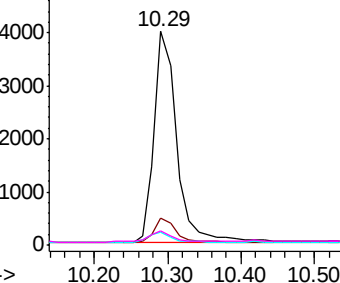
#7

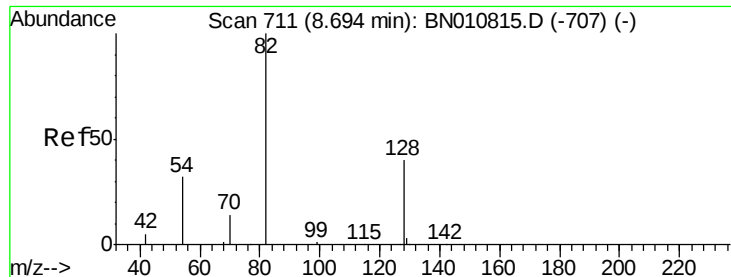
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010918.D
Acq: 16 Jun 2020 21:51

Tgt Ion: 136 Resp: 8488
Ion Ratio Lower Upper
136 100
137 12.3 9.7 14.5
54 5.8 4.9 7.3
68 6.5 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): BN0
Ion 68.00 (67.70 to 68.70): BN0

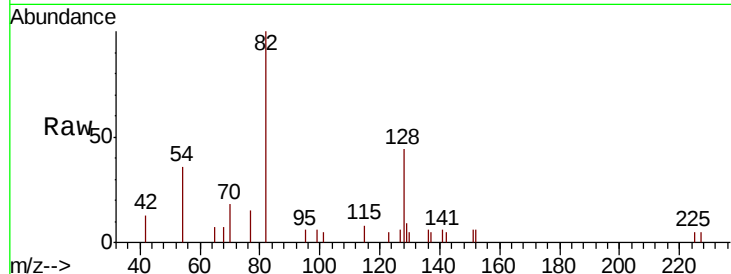




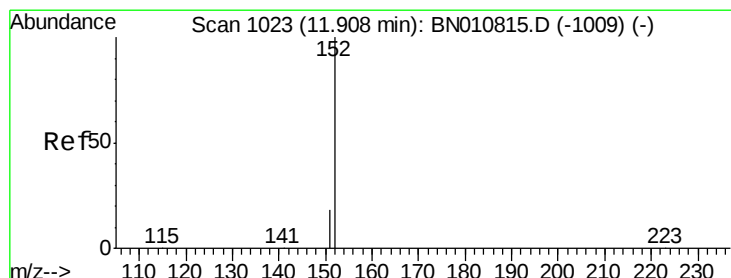
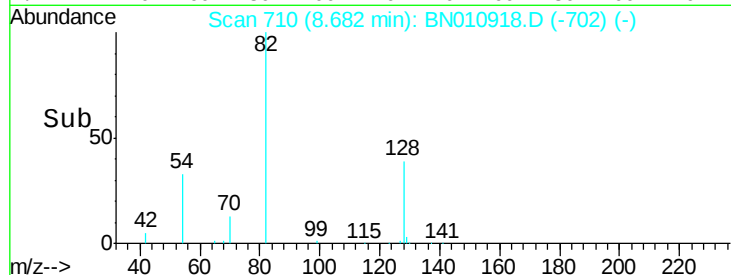
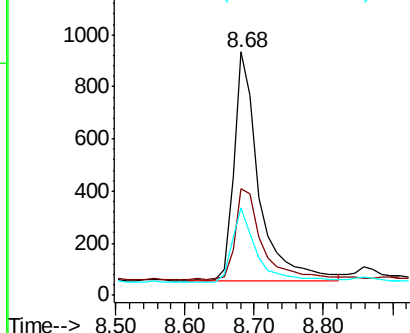
#8
 Nitrobenzene-d5
 Concen: 0.352 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BN010918.D
 Acq: 16 Jun 2020 21:51

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20200611

Tot Ion: 82 Resp: 2210
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.4 53.0
 54 36.1 28.2 42.4

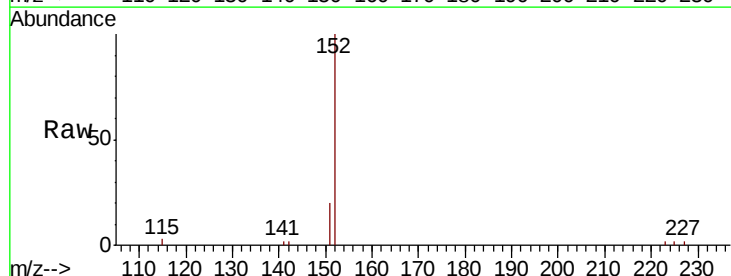


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

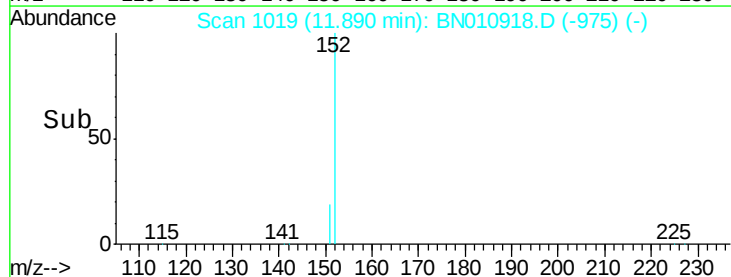
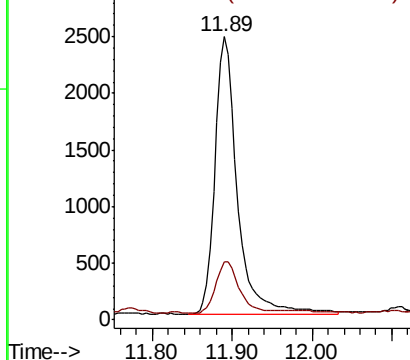


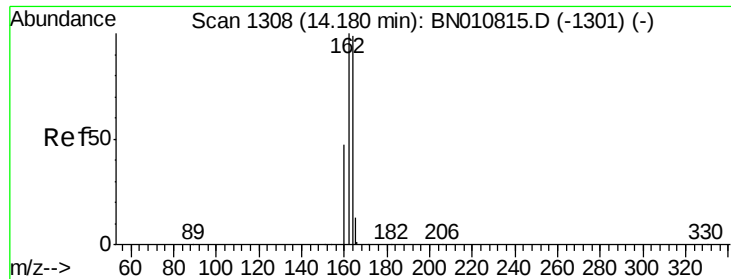
#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010918.D
 Acq: 16 Jun 2020 21:51

Tgt Ion: 152 Resp: 4724
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010918.D

Acq: 16 Jun 2020 21:51

Instrument :

BNA_N

ClientSampleId :

RE109D3-20200611

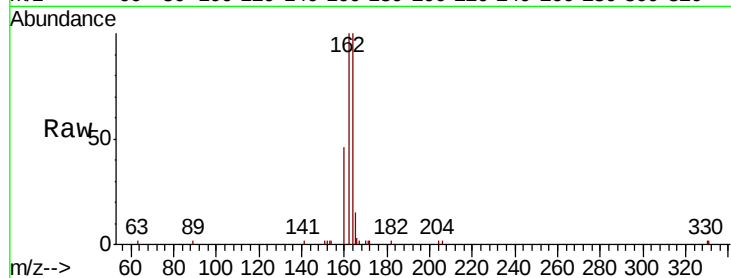
Tot Ion:164 Resp: 4736

Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.6

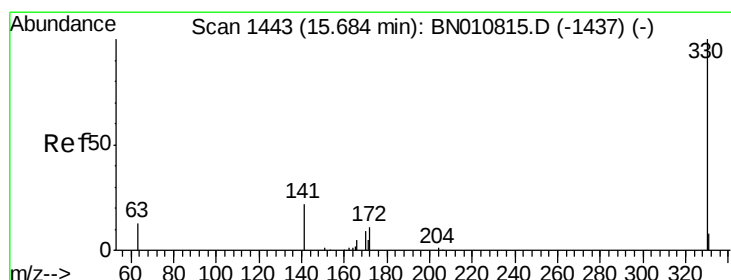
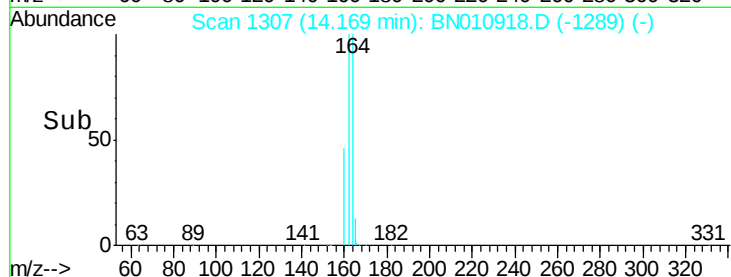
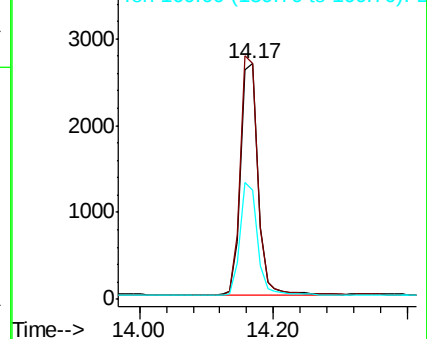
160 46.3 38.9 58.3



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: 0.311 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010918.D

Acq: 16 Jun 2020 21:51

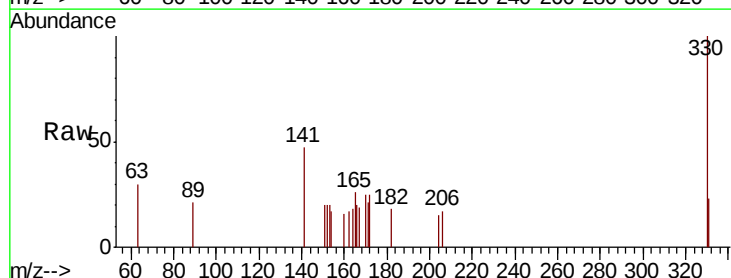
Tgt Ion:330 Resp: 526

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

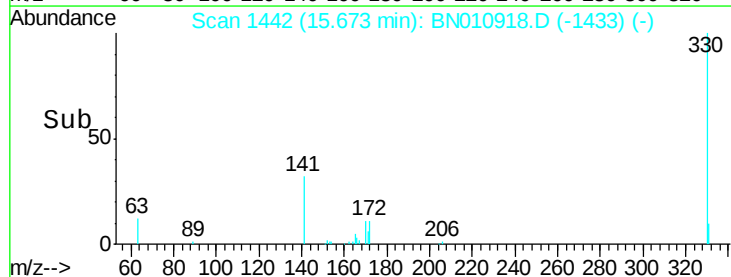
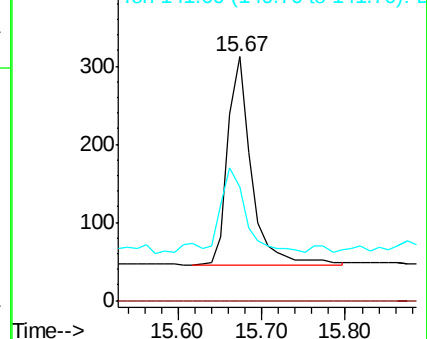
141 43.9 33.2 49.8

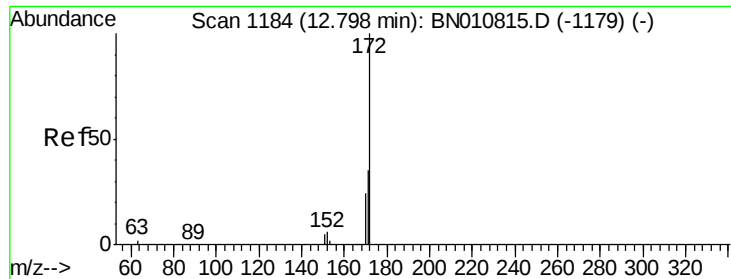


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

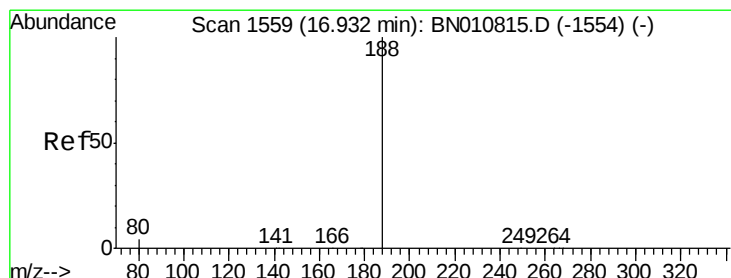
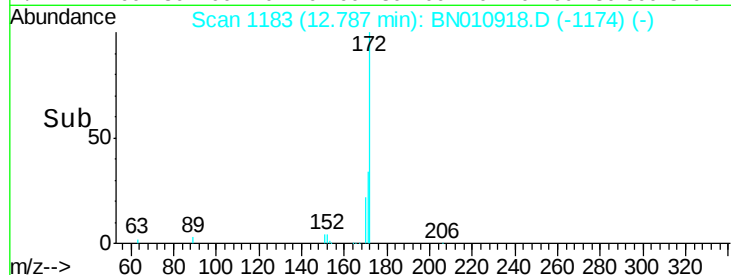
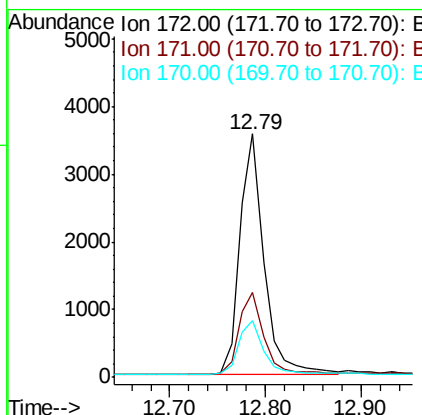
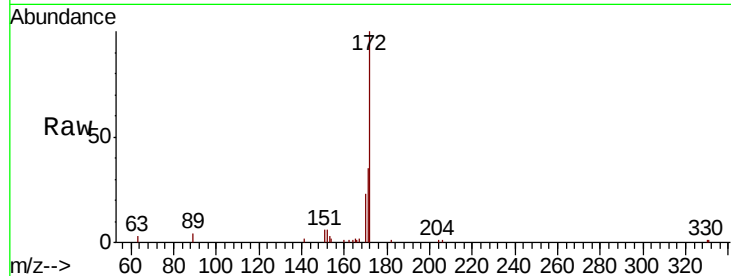




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010918.D
Acq: 16 Jun 2020 21:51

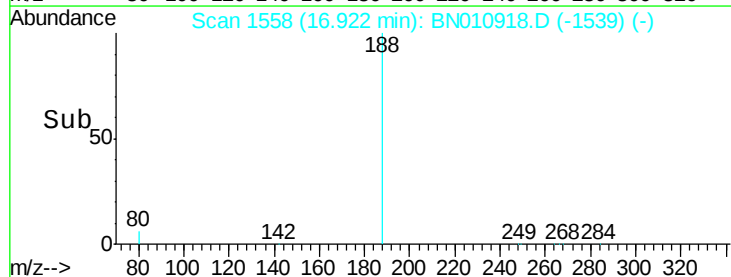
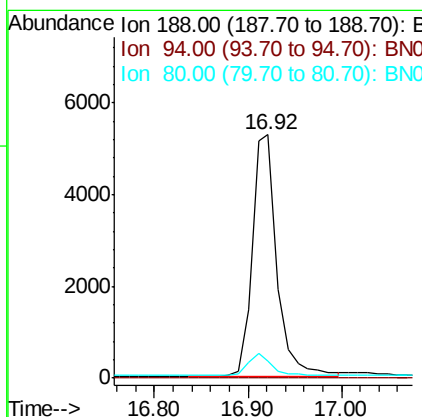
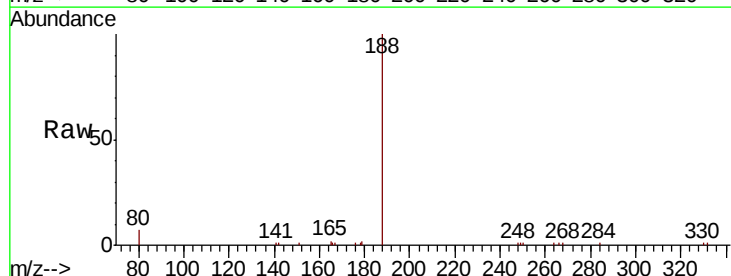
Instrument :
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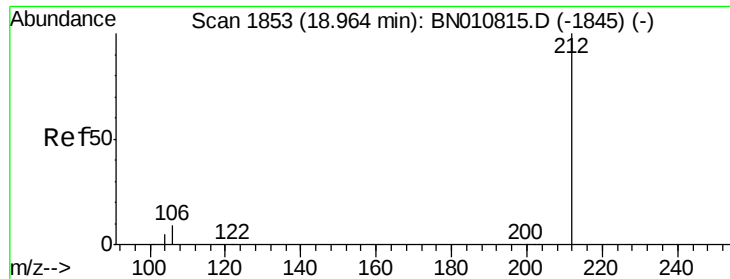
Tot Ion:172 Resp: 6240
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010918.D
Acq: 16 Jun 2020 21:51

Tgt Ion:188 Resp: 9651
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.493 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010918.D

Acq: 16 Jun 2020 21:51

Instrument :

BNA_N

ClientSampleId :

RE109D3-20200611

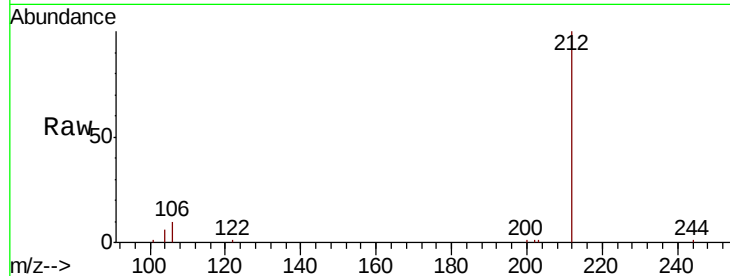
Tot Ion:212 Resp: 13120

Ion Ratio Lower Upper

212 100

106 9.8 6.6 10.0

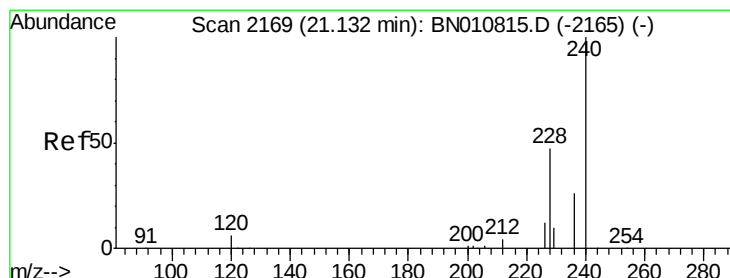
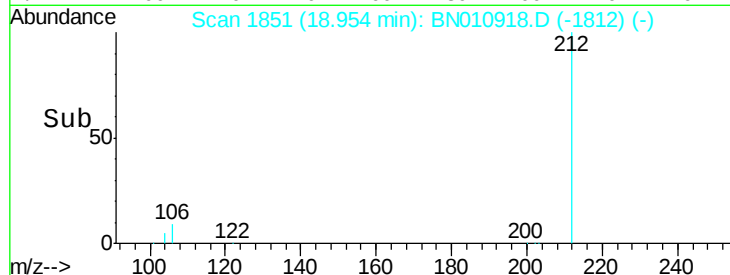
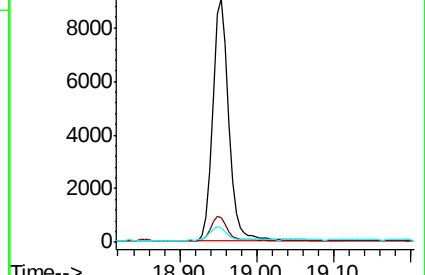
104 5.7 4.0 6.0



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# 2168

Delta R.T. -0.01 min

Lab File: BN010918.D

Acq: 16 Jun 2020 21:51

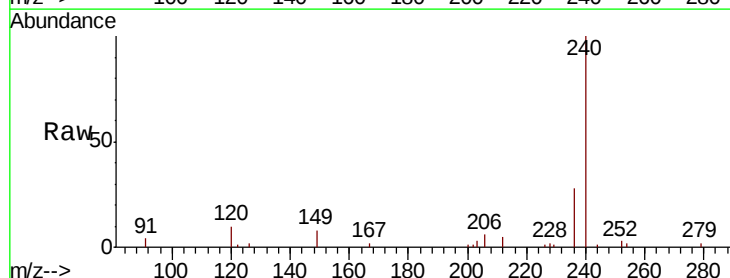
Tgt Ion:240 Resp: 9791

Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

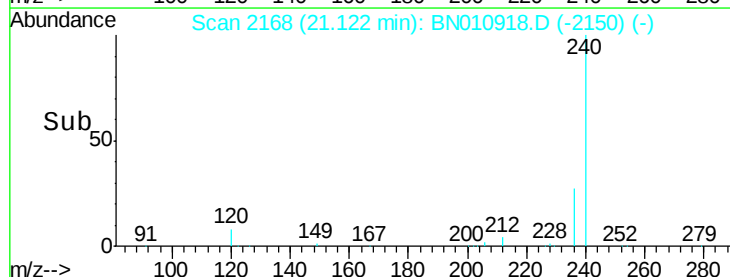
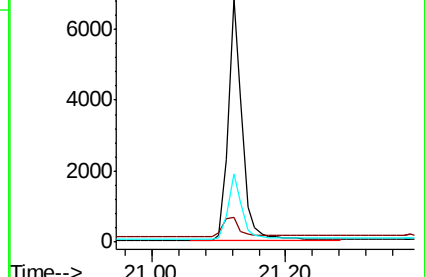
236 27.9 22.3 33.5

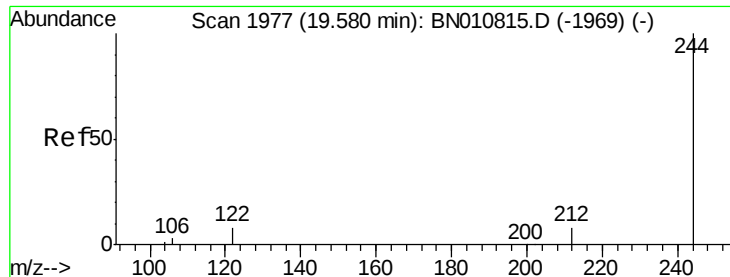


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.481 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010918.D

Acq: 16 Jun 2020 21:51

Instrument :

BNA_N

ClientSampleId :

RE109D3-20200611

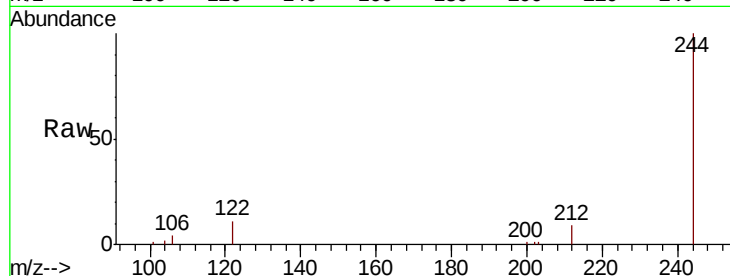
Tot Ion:244 Resp: 11026

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

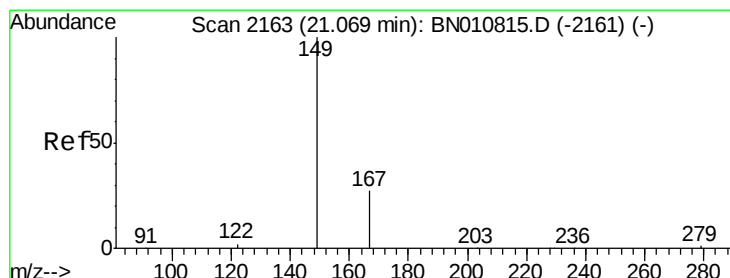
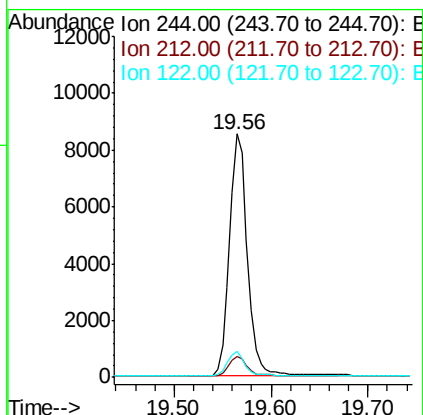
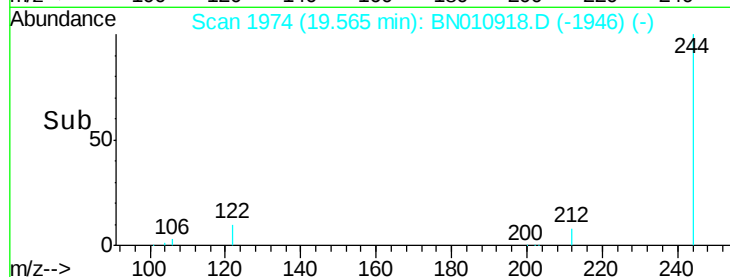
122 10.7 7.5 11.3



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: 0.177 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010918.D

Acq: 16 Jun 2020 21:51

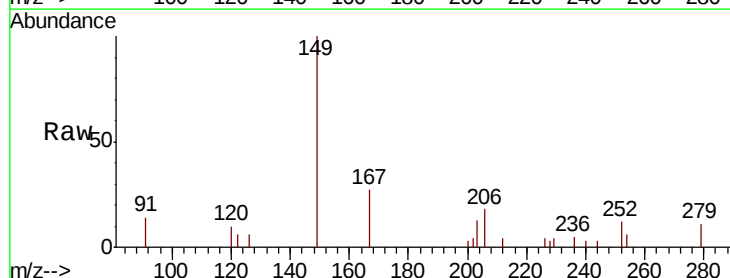
Tgt Ion:149 Resp: 1700

Ion Ratio Lower Upper

149 100

167 27.1 24.1 36.1

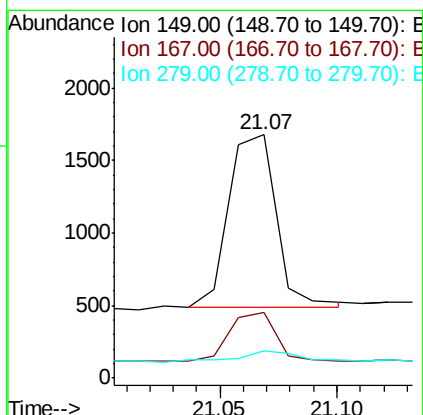
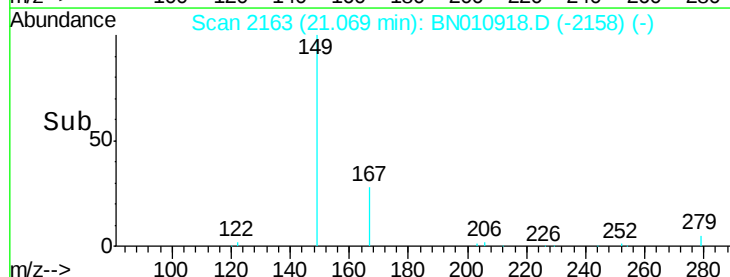
279 7.7 4.6 7.0#

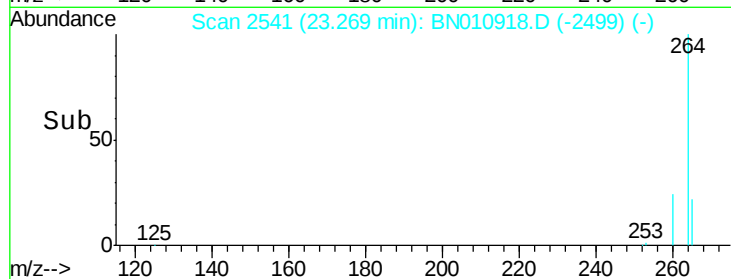
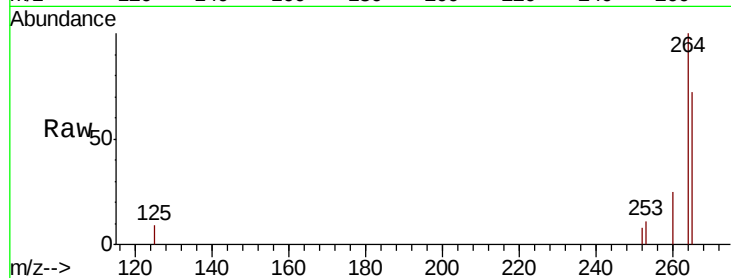


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2541

Delta R.T. -0.01 min

Lab File: BN010918.D

Acq: 16 Jun 2020 21:51

Instrument :

BNA_N

ClientSampleId :

RE109D3-20200611

Tot Ion: 264 Resp: 10052

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 72.0 75.0 112.4#

