

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010251.D
 Acq On : 18 Mar 2020 05:47
 Operator : CG/JU
 Sample : L1903-26
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20200311

Quant Time: Mar 18 07:30:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

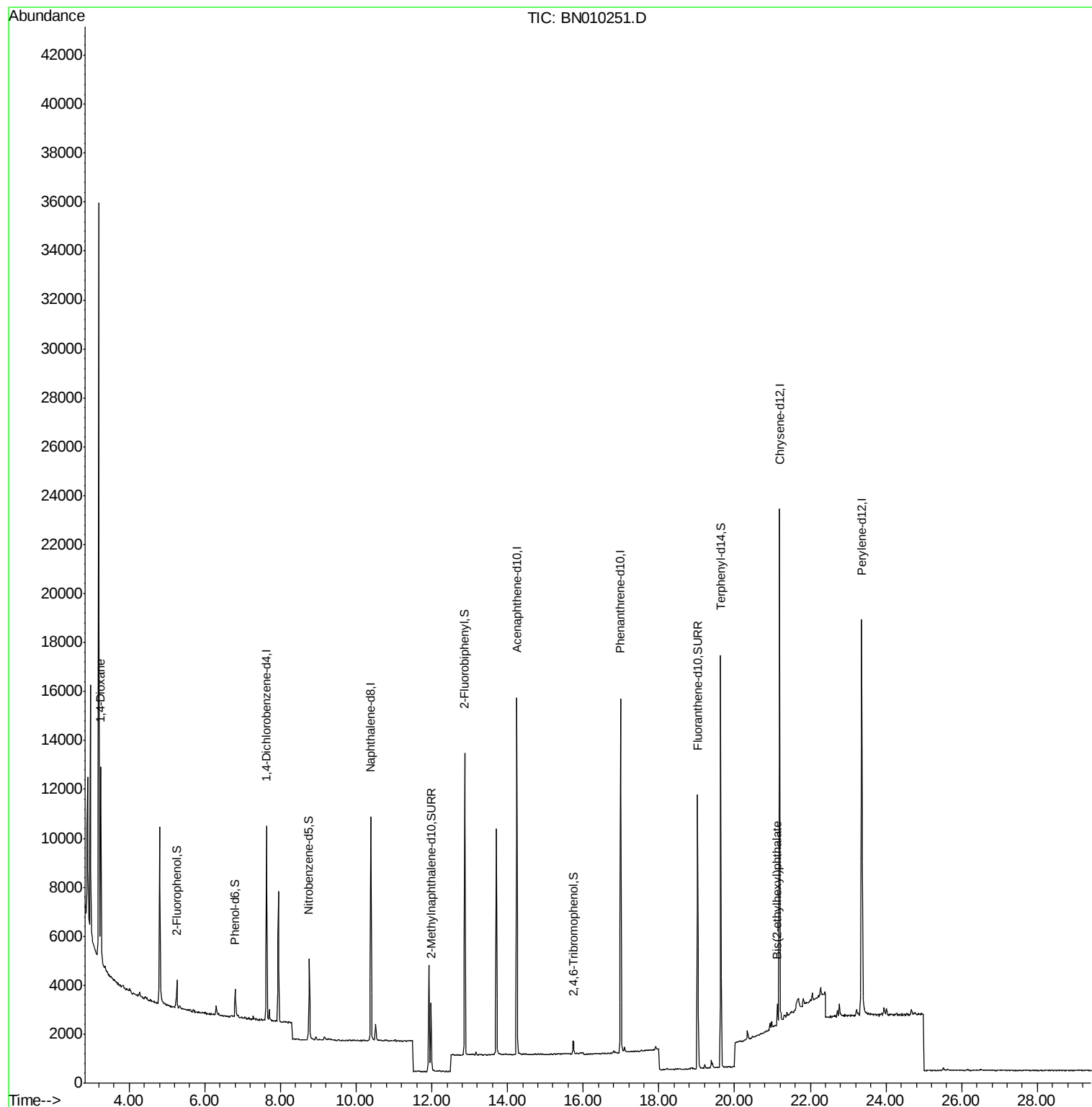
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3757	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13228	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7902	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19485	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	19386	0.40	ng	-0.01
34) Perylene-d12	23.36	264	20885	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	938	0.11	ng	0.00
5) Phenol-d6	6.81	99	1100	0.10	ng	0.00
8) Nitrobenzene-d5	8.76	82	2677	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	3814	0.17	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	487	0.17	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	11182	0.40	ng	-0.01
25) Fluoranthene-d10	19.02	212	12966	0.22	ng	-0.01
29) Terphenyl-d14	19.63	244	17298	0.39	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	5004	1.365	ng	# 53
32) Bis(2-ethylhexyl)phthalate	21.13	149	736	0.026	ng	# 95

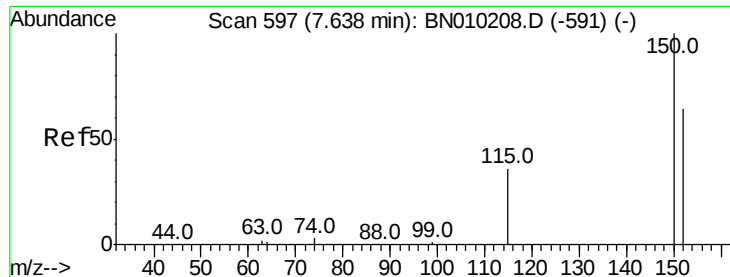
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 02:17:23 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

Instrument :

BNA_N

ClientSampleId :

RE125D1-20200311

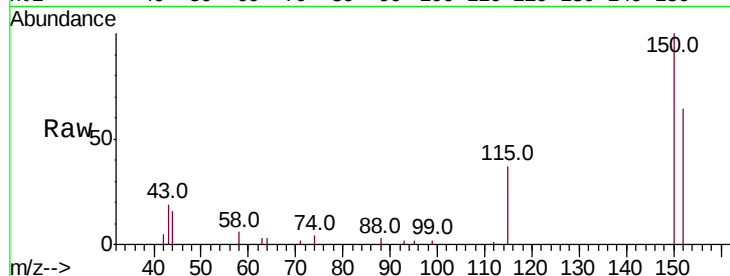
Tot Ion:152 Resp: 3757

Ion Ratio Lower Upper

152 100

150 155.8 119.5 179.3

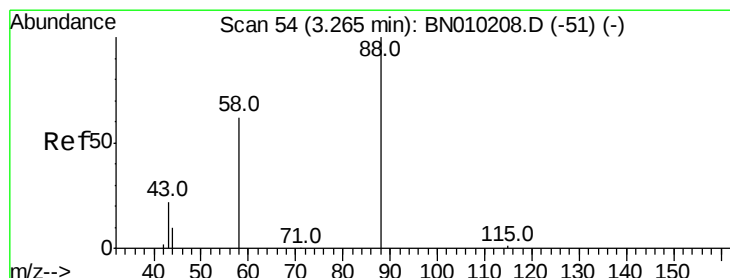
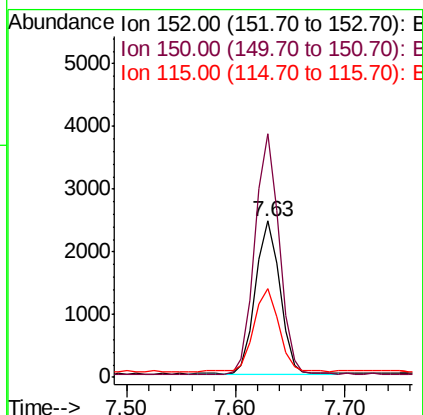
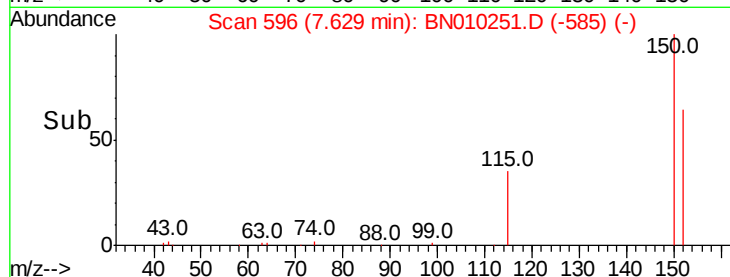
115 57.0 50.9 76.3



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: 1.365 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

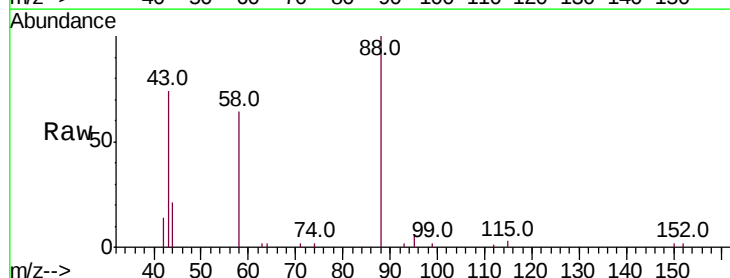
Tgt Ion: 88 Resp: 5004

Ion Ratio Lower Upper

88 100

58 63.6 97.8 146.8#

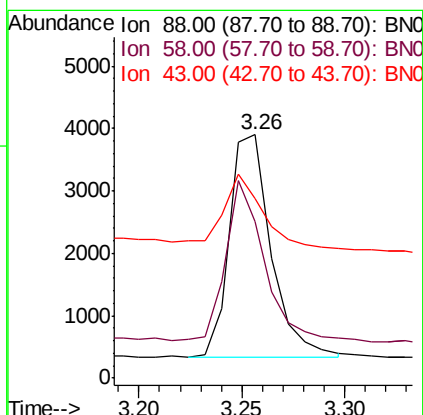
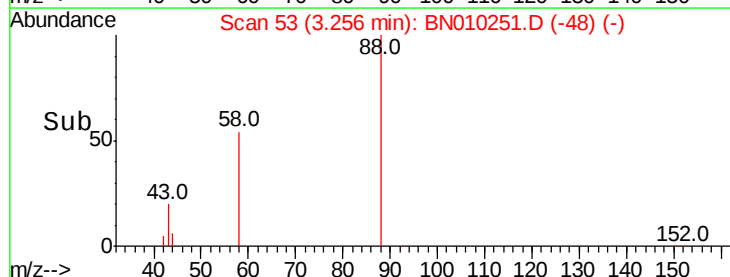
43 30.6 45.1 67.7#

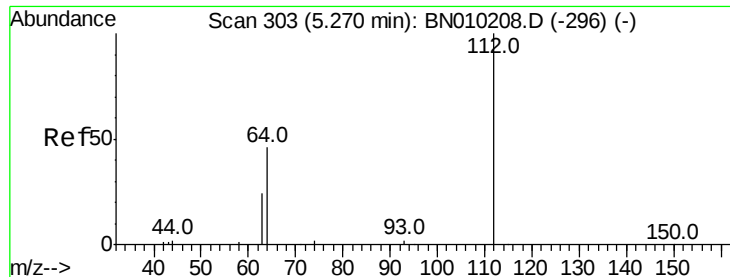


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.106 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

Instrument :

BNA_N

ClientSampleId :

RE125D1-20200311

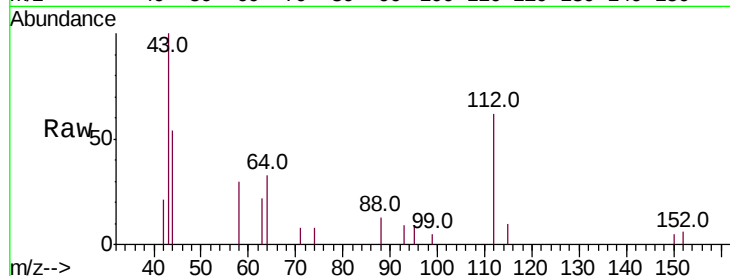
Tot Ion:112 Resp: 938

Ion Ratio Lower Upper

112 100

64 52.6 42.6 63.8

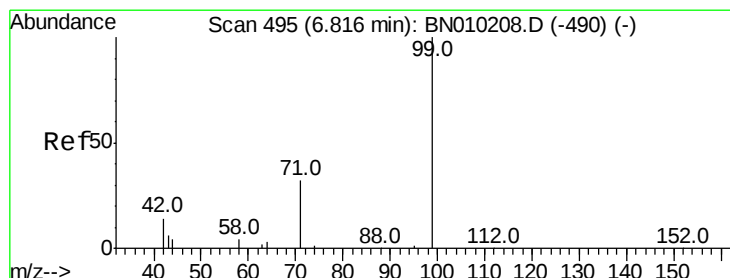
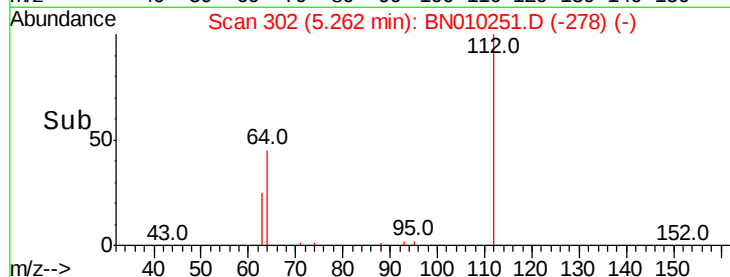
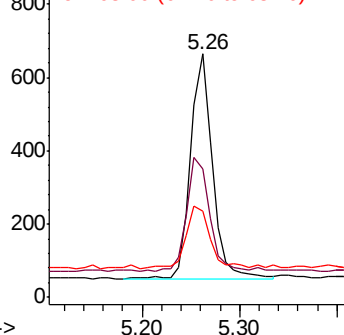
63 31.6 23.6 35.4



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



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

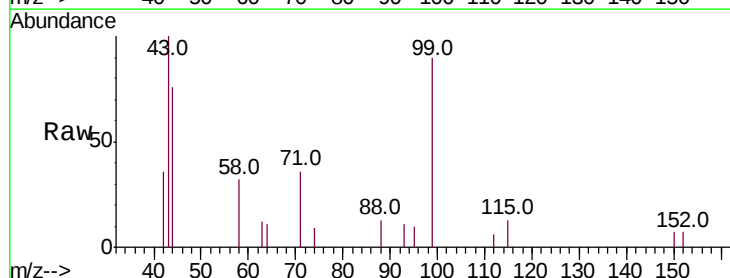
Tgt Ion: 99 Resp: 1100

Ion Ratio Lower Upper

99 100

42 21.8 12.0 18.0#

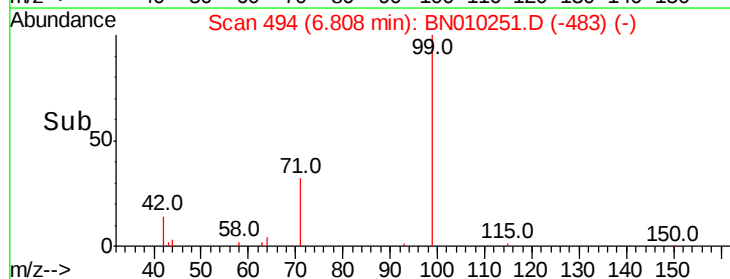
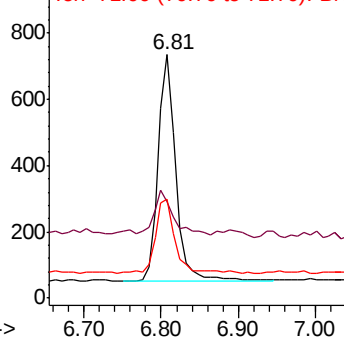
71 38.4 22.6 33.8#

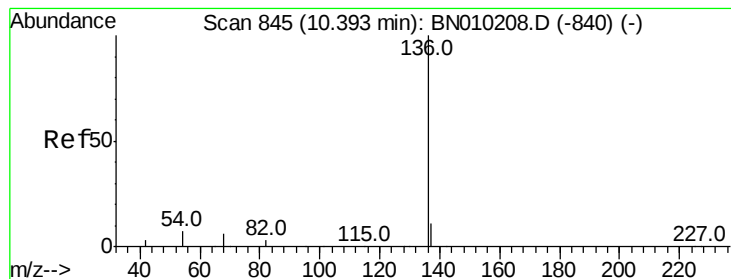


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

Instrument :

BNA_N

ClientSampleId :

RE125D1-20200311

Tot Ion:136 Resp: 13228

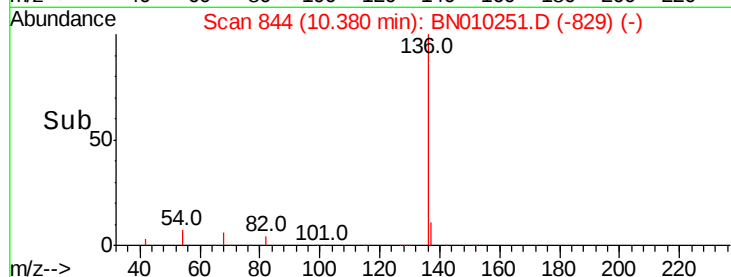
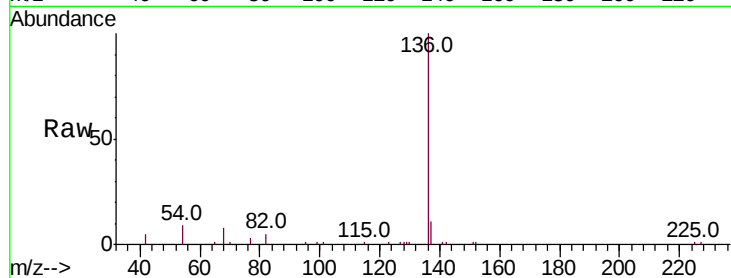
Ion Ratio Lower Upper

136 100

137 11.3 10.6 15.8

54 8.5 9.5 14.3#

68 7.6 9.7 14.5#

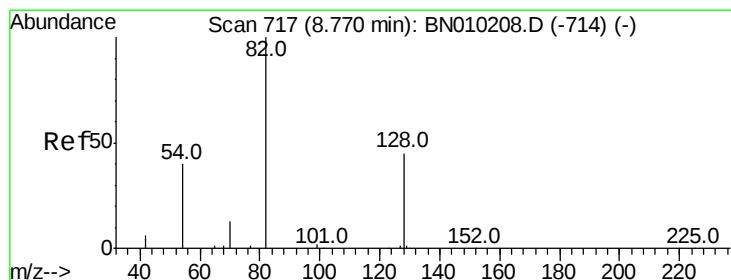
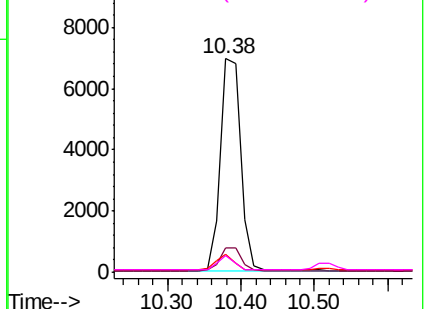


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.337 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

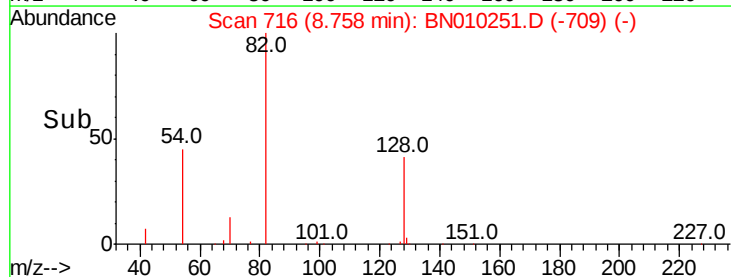
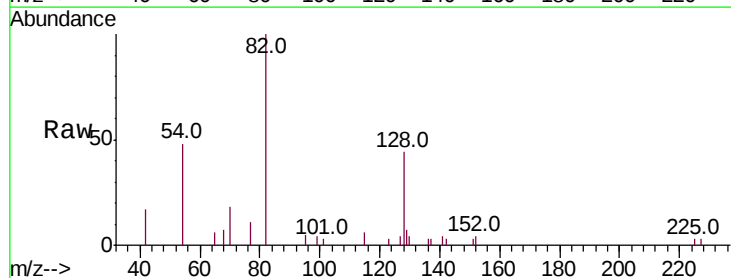
Tgt Ion: 82 Resp: 2677

Ion Ratio Lower Upper

82 100

128 43.6 35.0 52.6

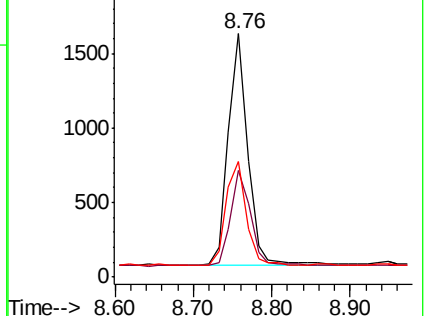
54 47.6 37.0 55.4

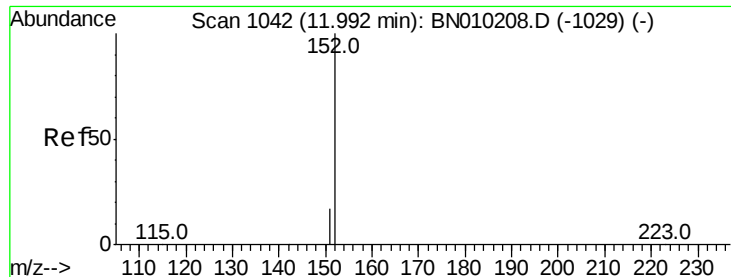


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

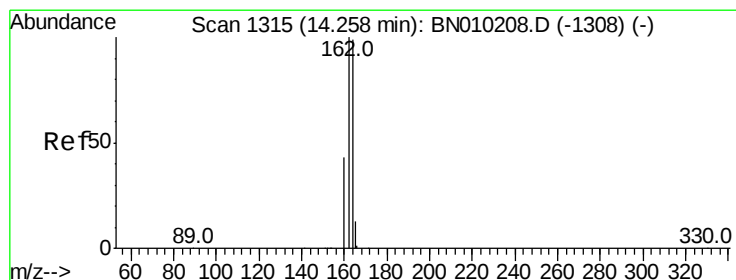
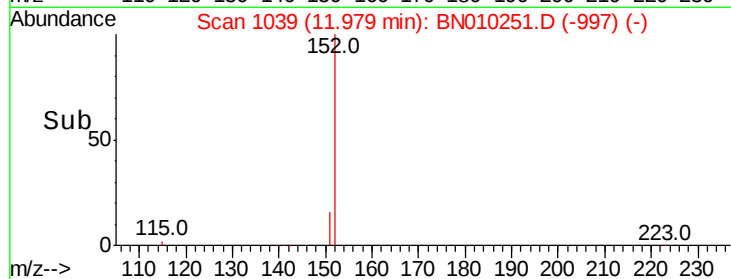
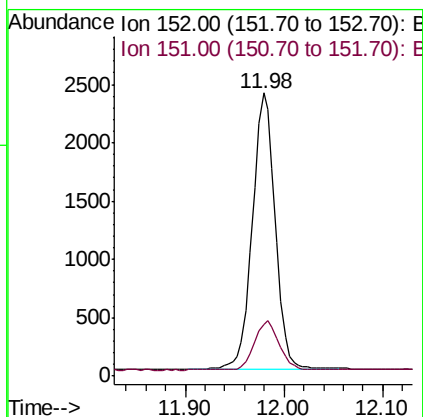
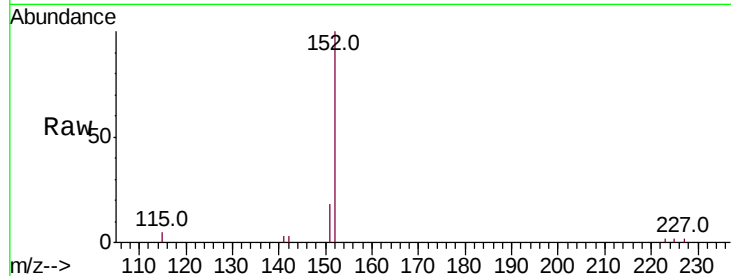




#11
 2-Methylnaphthalene-d10
 Concen: 0.175 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010251.D
 Acq: 18 Mar 2020 05:47

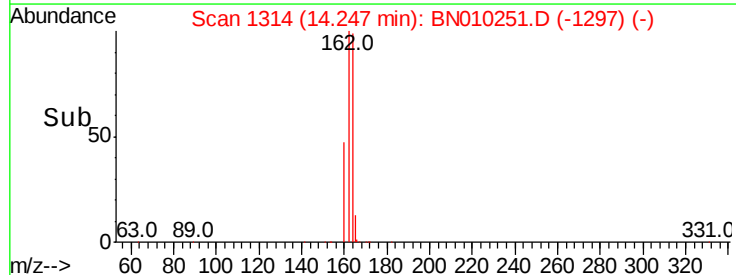
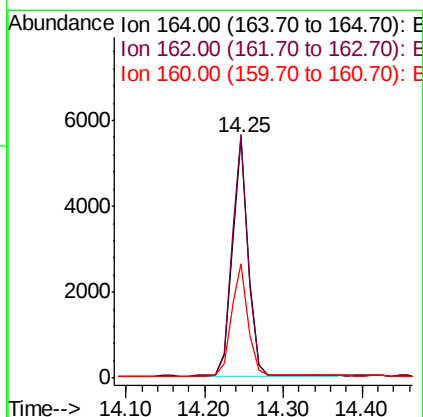
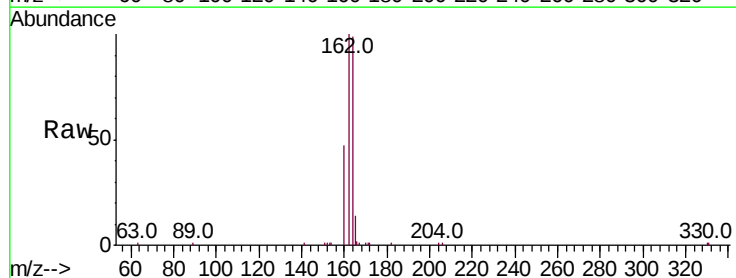
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20200311

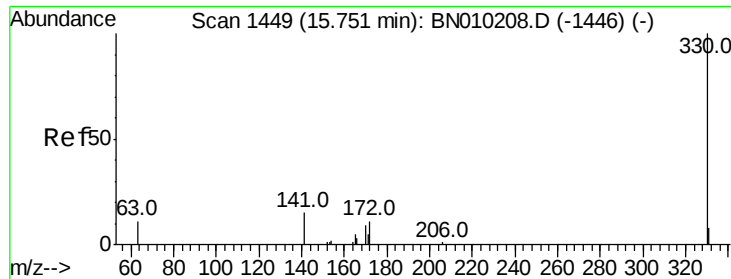
Tot Ion:152 Resp: 3814
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.25 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BN010251.D
 Acq: 18 Mar 2020 05:47

Tgt Ion:164 Resp: 7902
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.0 121.4
 160 47.9 35.6 53.4

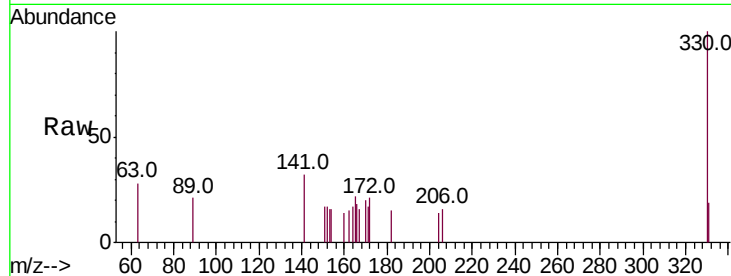




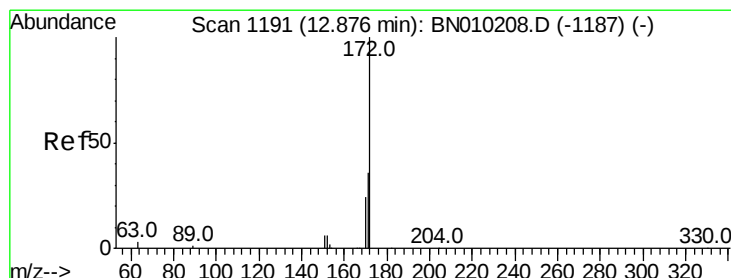
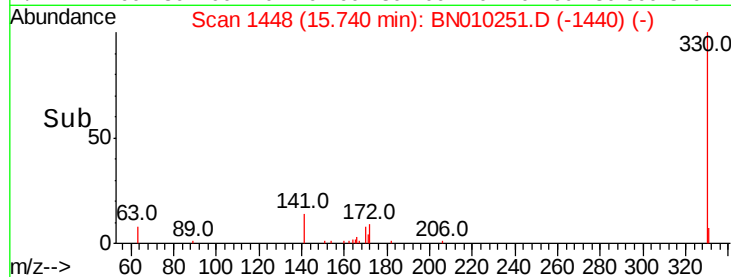
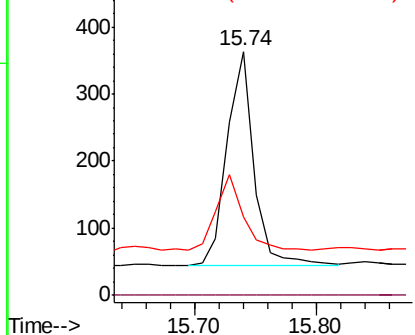
#14
 2,4,6-Tribromophenol
 Concen: 0.172 ng
 RT: 15.74 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BN010251.D
 Acq: 18 Mar 2020 05:47

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20200311

Tot Ion:330 Resp: 487
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.3 25.1 37.7

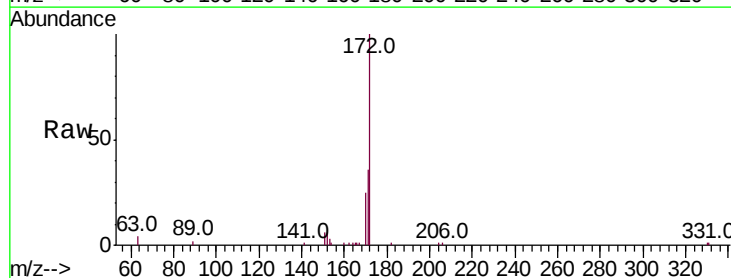


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

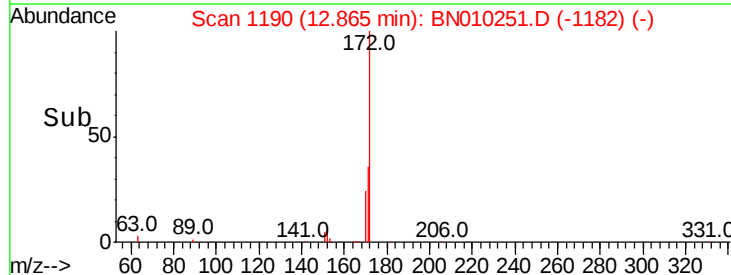
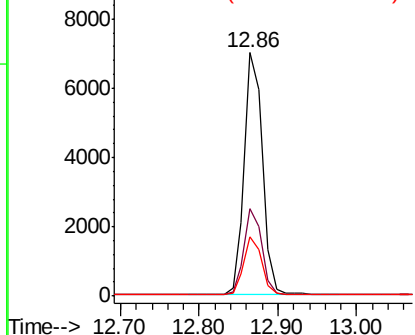


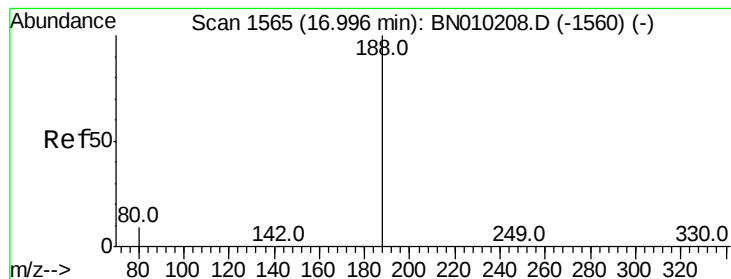
#15
 2-Fluorobiphenyl
 Concen: 0.397 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010251.D
 Acq: 18 Mar 2020 05:47

Tgt Ion:172 Resp: 11182
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.5 20.2 30.4



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: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

Instrument :

BNA_N

ClientSampleId :

RE125D1-20200311

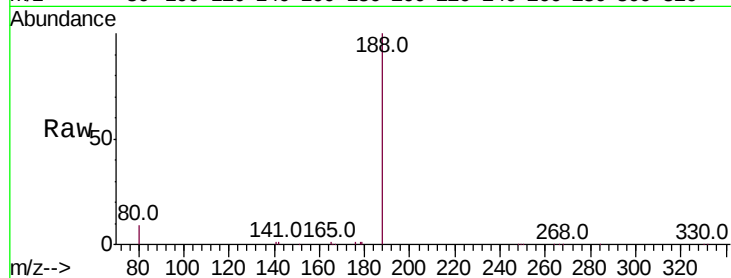
Tot Ion:188 Resp: 19485

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

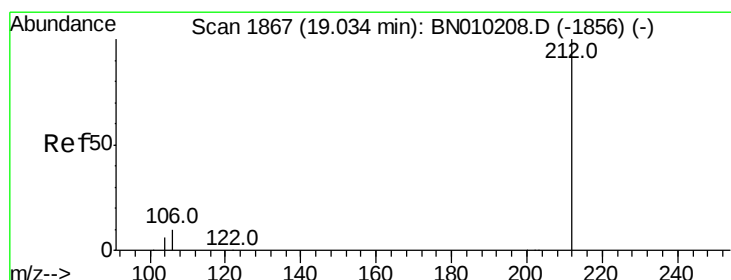
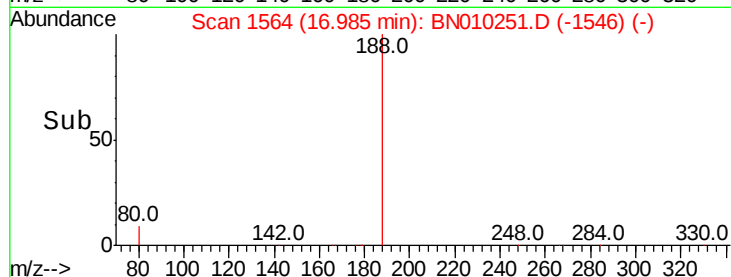
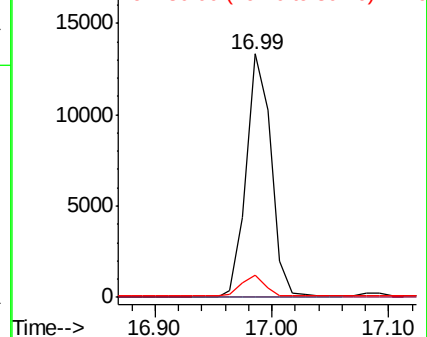
80 9.2 8.6 12.8



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: 0.216 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

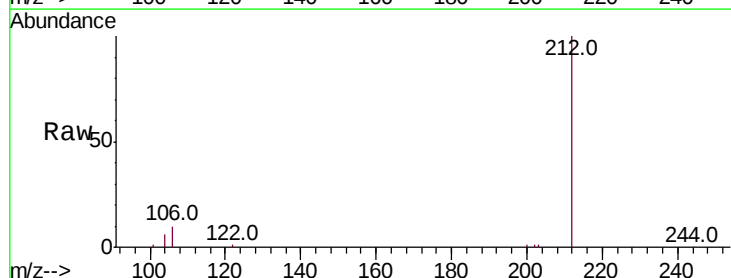
Tgt Ion:212 Resp: 12966

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

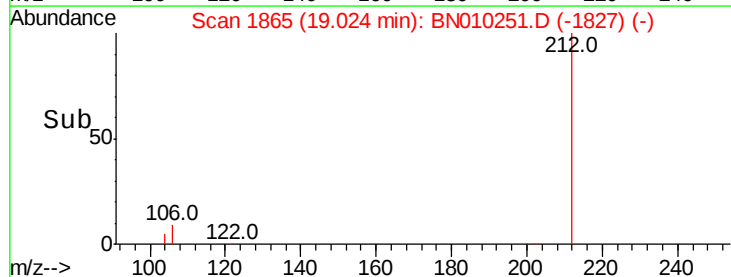
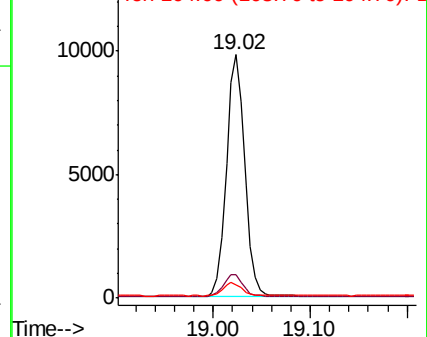
104 5.5 4.7 7.1

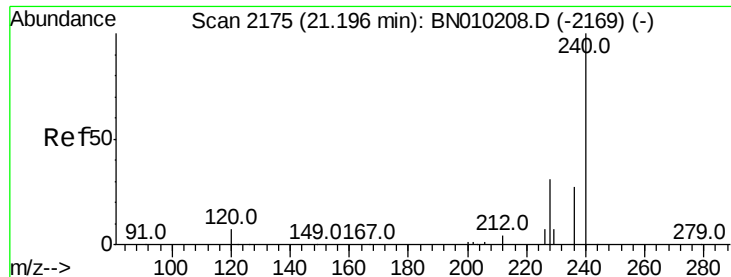


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010251.D

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Instrument :

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RE125D1-20200311

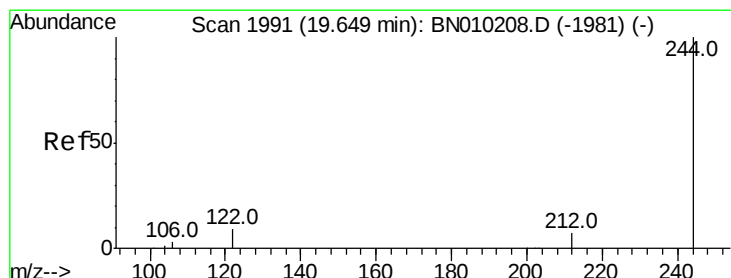
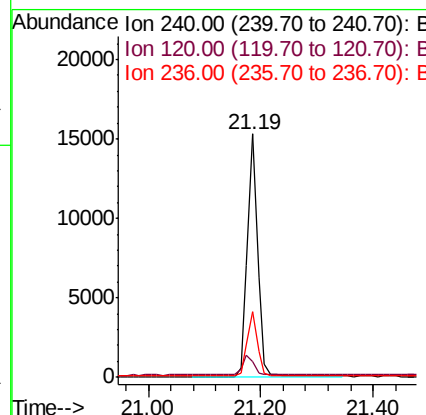
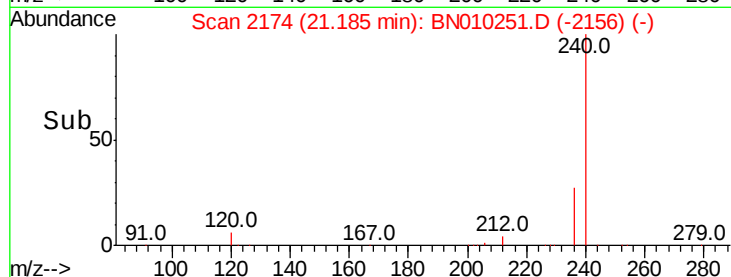
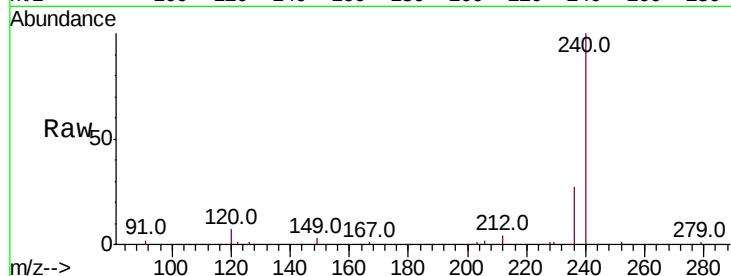
Tot Ion:240 Resp: 19386

Ion Ratio Lower Upper

240 100

120 6.6 7.7 11.5#

236 26.9 21.8 32.6



#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

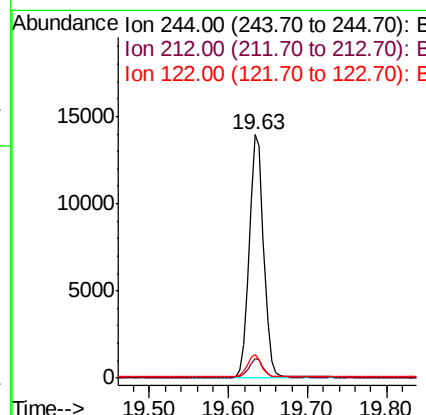
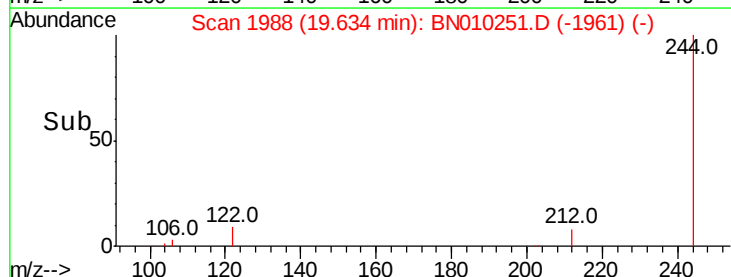
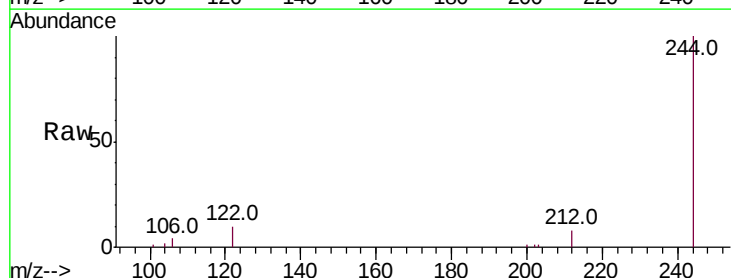
Tgt Ion:244 Resp: 17298

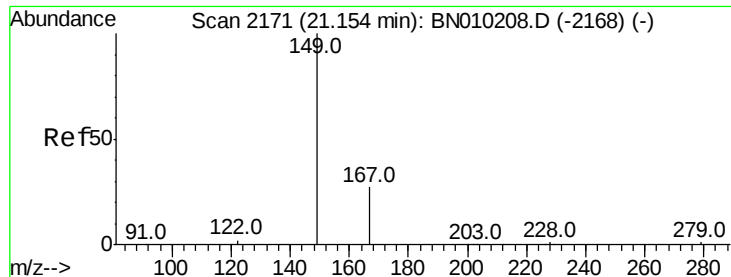
Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

122 9.6 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

Instrument :

BNA_N

ClientSampleId :

RE125D1-20200311

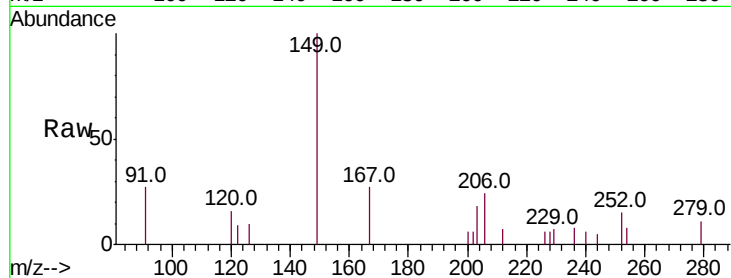
Tot Ion:149 Resp: 736

Ion Ratio Lower Upper

149 100

167 29.2 21.0 31.4

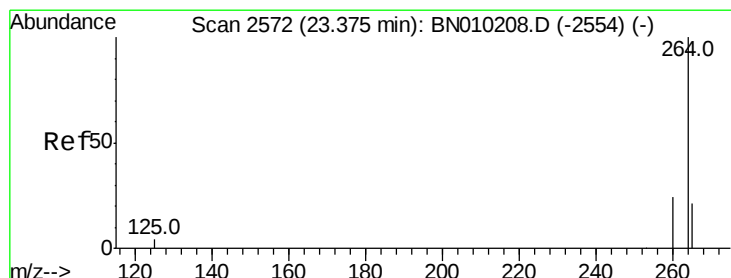
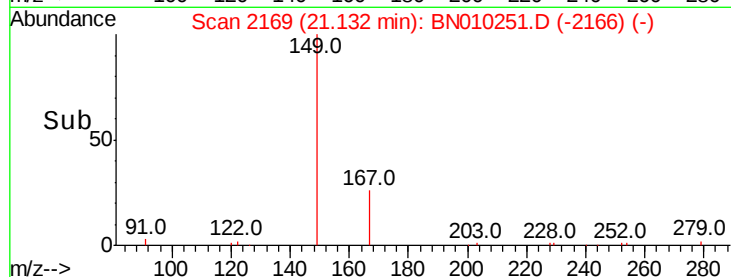
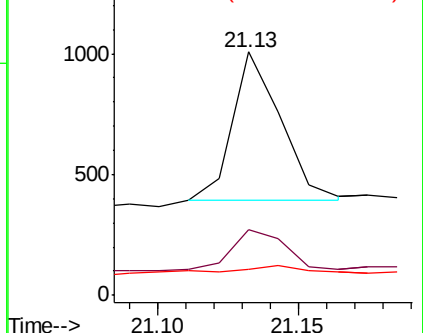
279 4.8 3.1 4.7#



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: 23.36 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BN010251.D

Acq: 18 Mar 2020 05:47

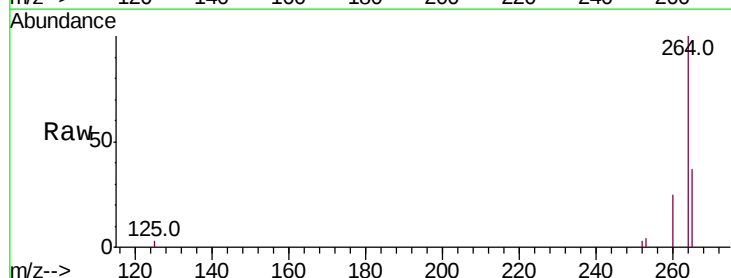
Tgt Ion:264 Resp: 20885

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 37.1 25.8 38.6



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

