

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007647.D
 Acq On : 14 Sep 2019 04:22
 Operator : HP/JU
 Sample : K4858-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20190910

Quant Time: Sep 16 01:36:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

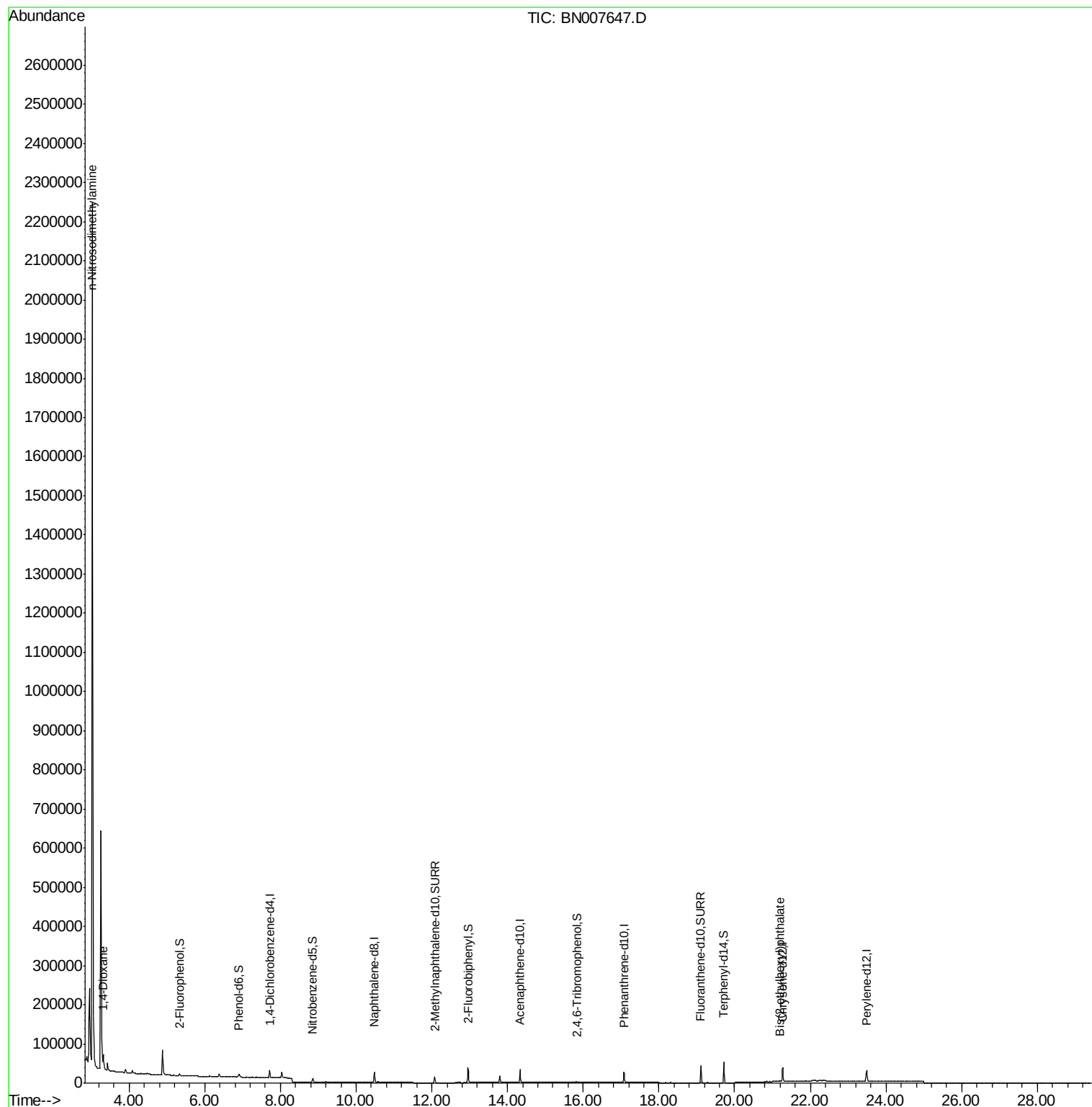
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8924	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34179	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18721	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38974	0.40	ng	0.00
27) Chrysene-d12	21.27	240	37516	0.40	ng	-0.01
34) Perylene-d12	23.48	264	37665	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	4101	0.14	ng	0.00
5) Phenol-d6	6.89	99	3451	0.11	ng	0.00
8) Nitrobenzene-d5	8.85	82	9538	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	22168	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2330	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	34746	0.43	ng	-0.01
25) Fluoranthene-d10	19.11	212	50025	0.41	ng	-0.01
29) Terphenyl-d14	19.71	244	51594	0.52	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.32	88	28172	2.635	ng	Qvalue 89
3) n-Nitrosodimethylamine	3.03	42	191973	39.564	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	2628	0.058	ng	100

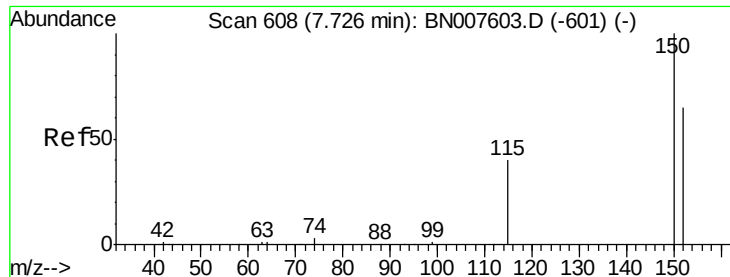
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007647.D
Acq On : 14 Sep 2019 04:22
Operator : HP/JU
Sample : K4858-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE125D3-20190910

Quant Time: Sep 16 01:36:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 607

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

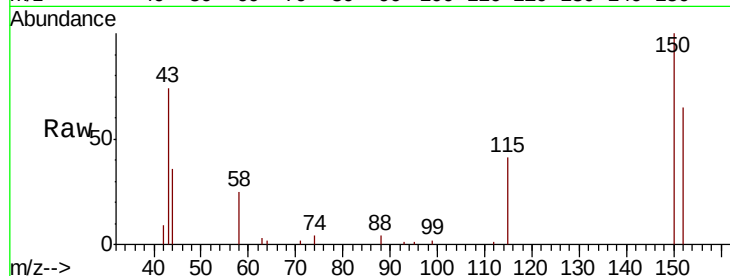
Tot Ion:152 Resp: 8924

Ion Ratio Lower Upper

152 100

150 152.7 122.4 183.6

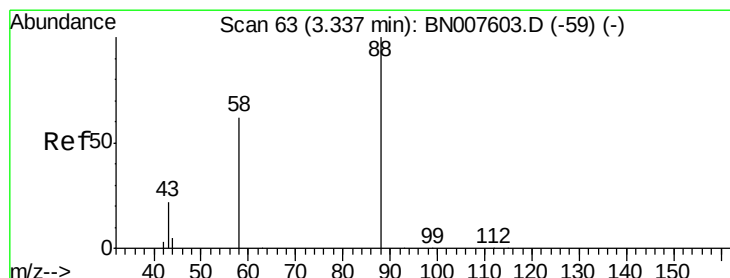
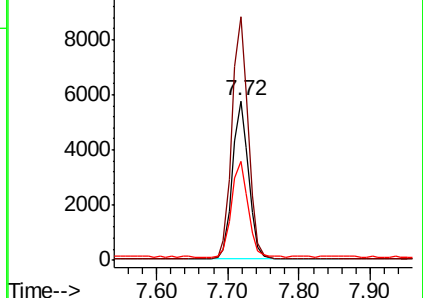
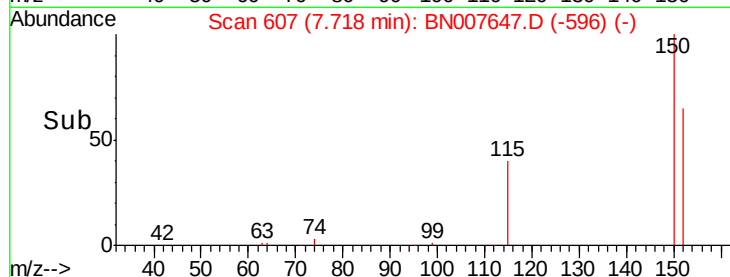
115 62.2 50.4 75.6



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: 2.635 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.02 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

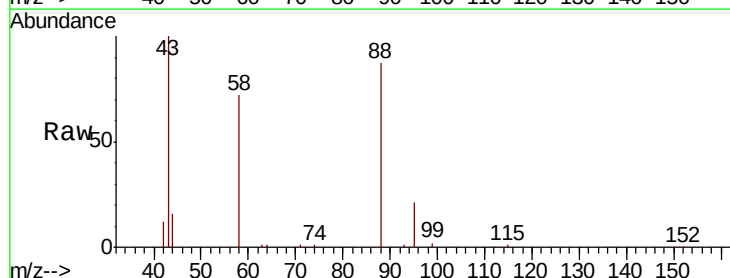
Tgt Ion: 88 Resp: 28172

Ion Ratio Lower Upper

88 100

58 59.9 57.0 85.4

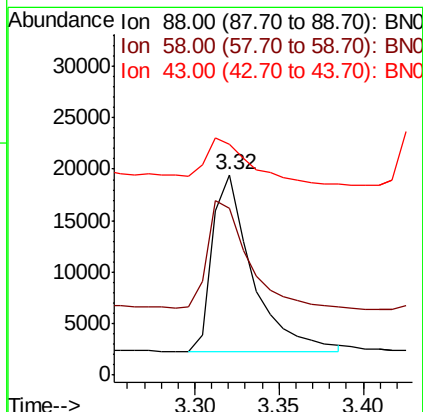
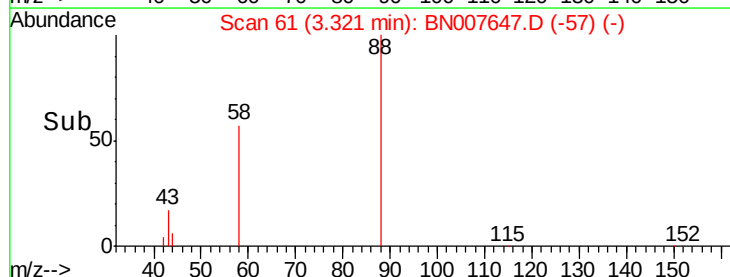
43 27.1 20.0 30.0

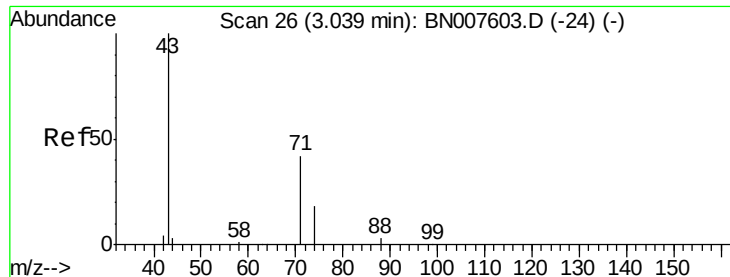


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 39.564 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

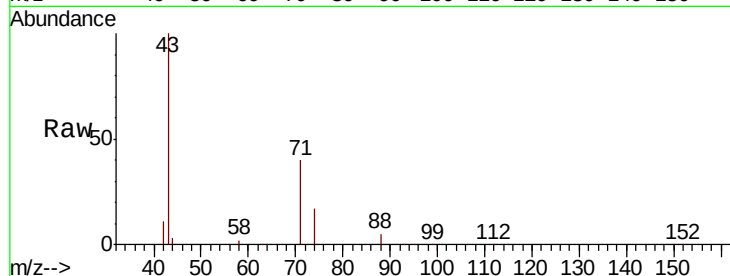
Tot Ion: 42 Resp: 191973

Ion Ratio Lower Upper

42 100

74 145.7 9.8 14.8#

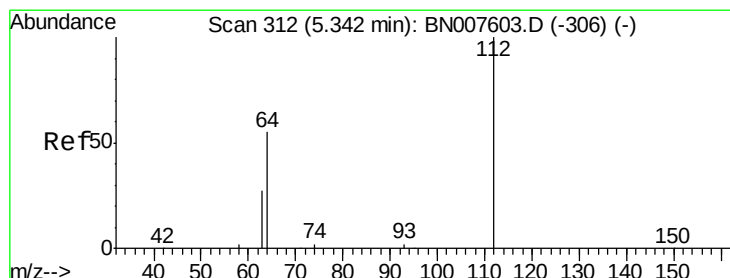
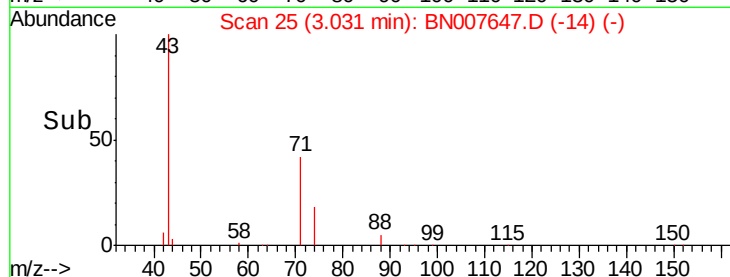
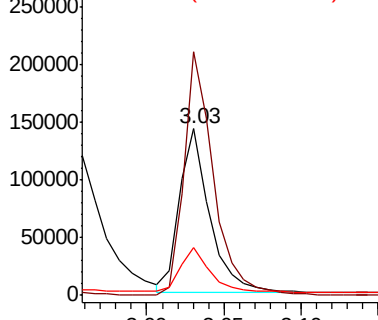
44 26.4 0.0 0.0#



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: 0.143 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

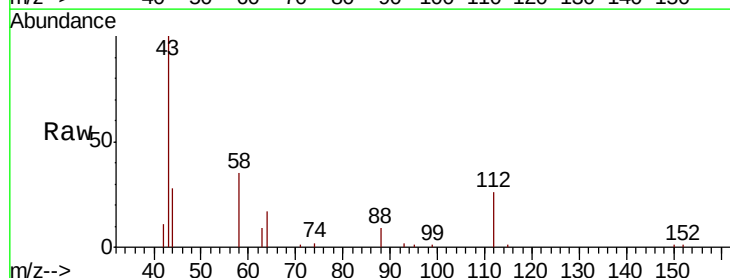
Tgt Ion: 112 Resp: 4101

Ion Ratio Lower Upper

112 100

64 61.7 48.5 72.7

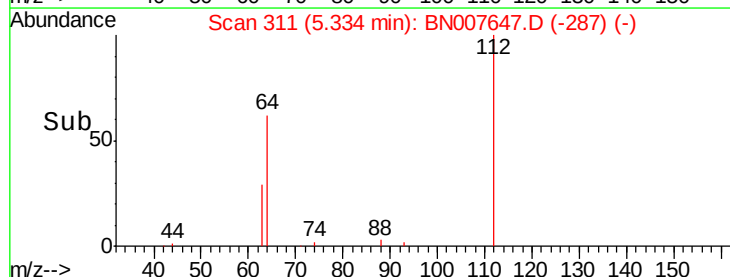
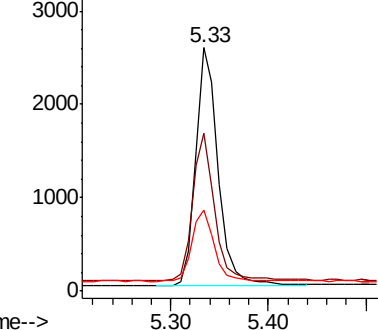
63 30.2 24.4 36.6

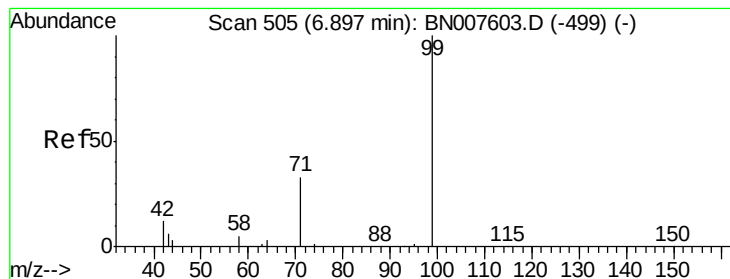


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.105 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

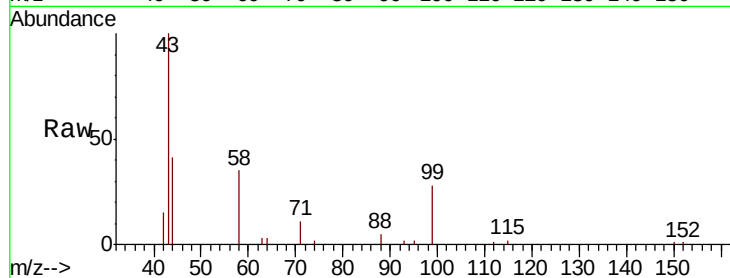
Tot Ion: 99 Resp: 3451

Ion Ratio Lower Upper

99 100

42 0.0 11.8 17.6#

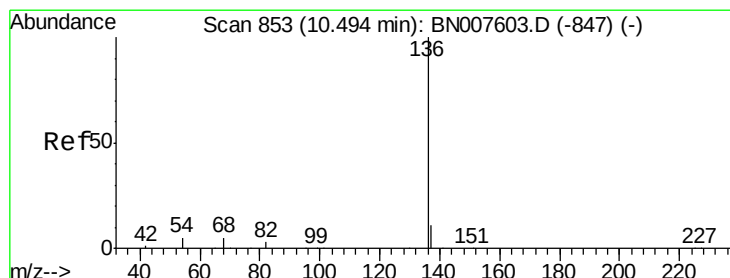
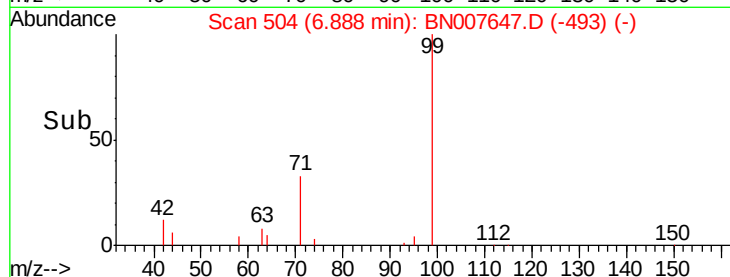
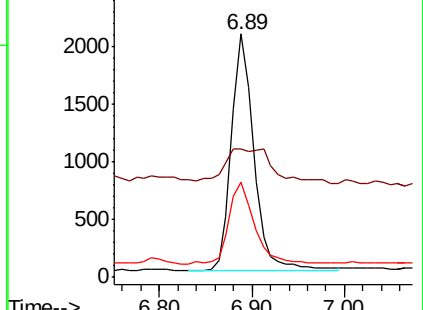
71 38.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Tgt Ion: 136 Resp: 34179

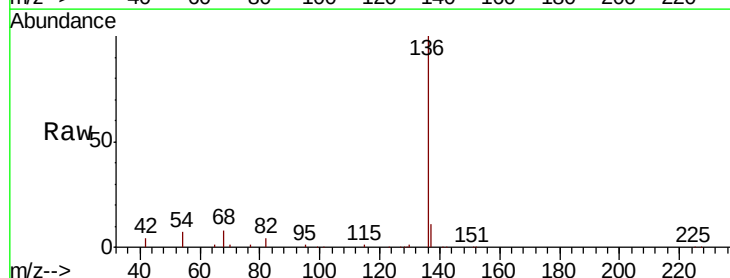
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.0 4.2 6.4#

68 7.8 4.6 7.0#

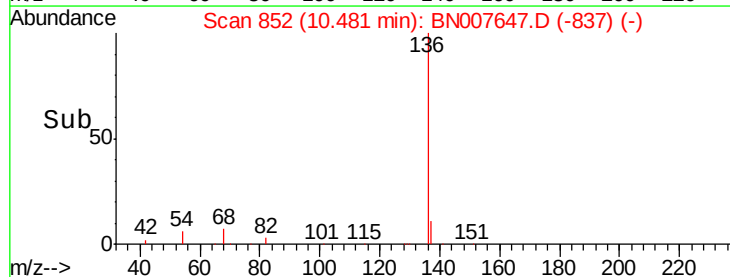
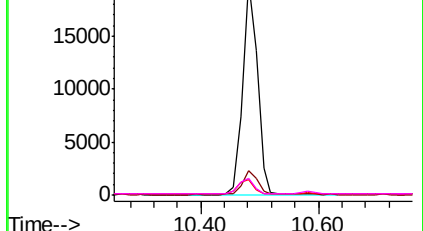


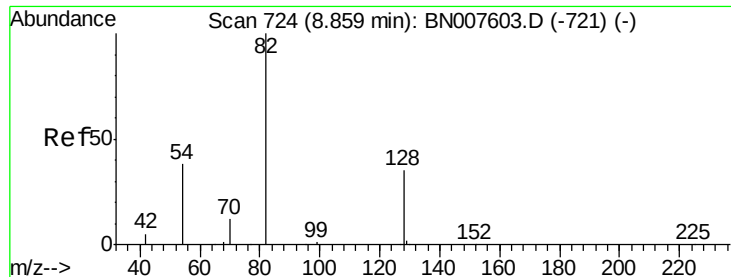
Abundance Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007603.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007603.D (-847) (-)





#8

Nitrobenzene-d5

Concen: 0.350 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

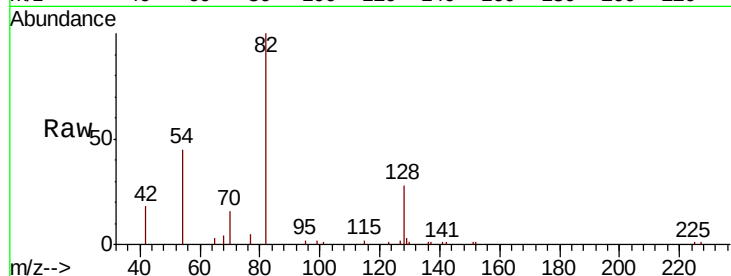
Tot Ion: 82 Resp: 9538

Ion Ratio Lower Upper

82 100

128 28.4 27.9 41.9

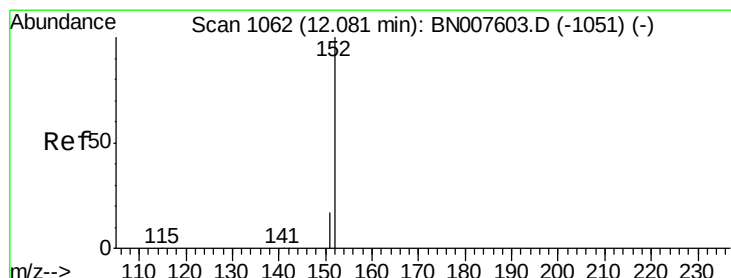
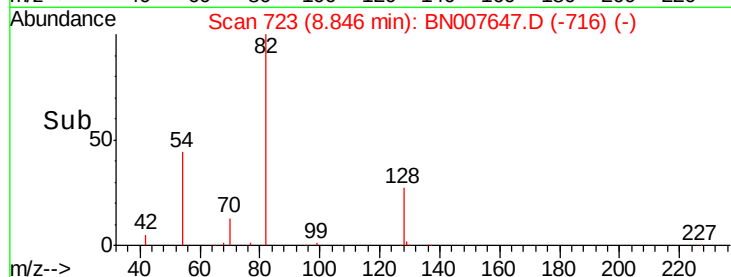
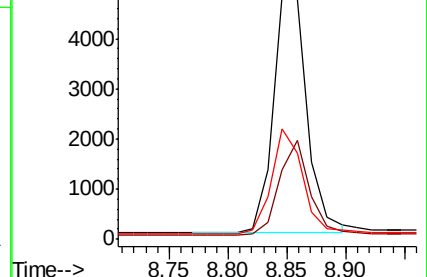
54 45.3 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007603.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BN007603.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-721) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007647.D

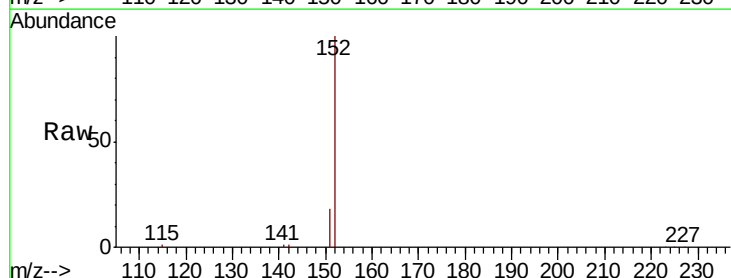
Acq: 14 Sep 2019 04:22

Tgt Ion: 152 Resp: 22168

Ion Ratio Lower Upper

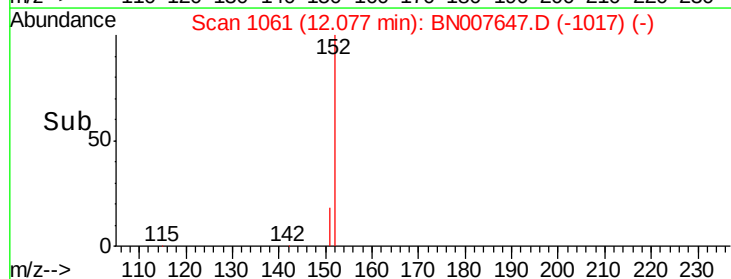
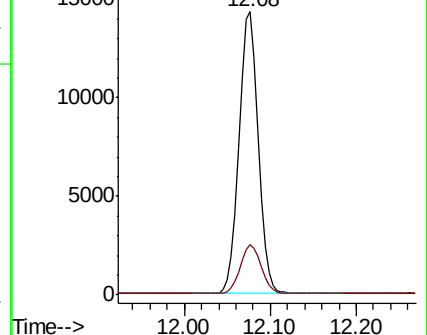
152 100

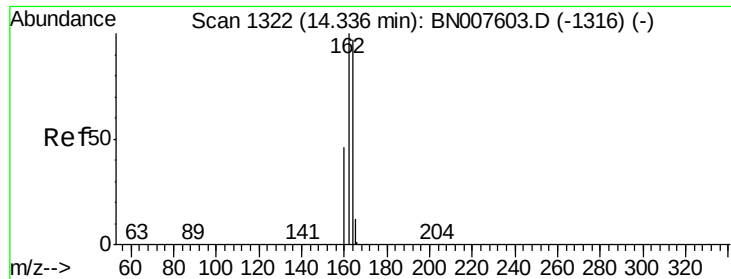
151 19.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007603.D (-1051) (-)

Ion 151.00 (150.70 to 151.70): BN007603.D (-1051) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

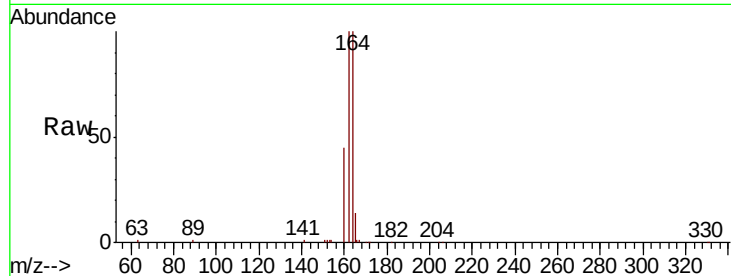
Tot Ion:164 Resp: 18721

Ion Ratio Lower Upper

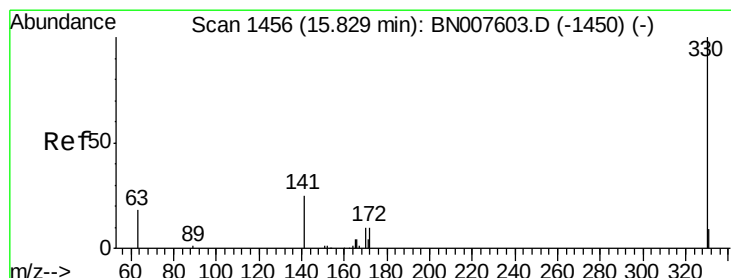
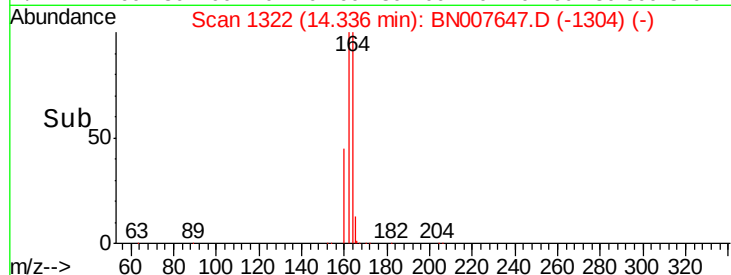
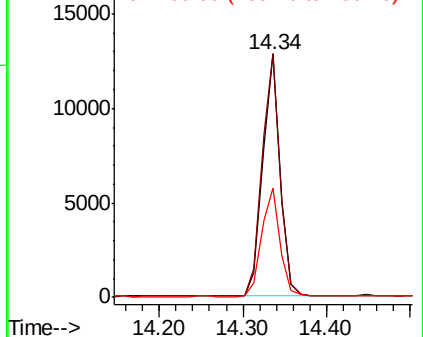
164 100

162 100.0 82.8 124.2

160 44.8 38.0 57.0



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: 0.329 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

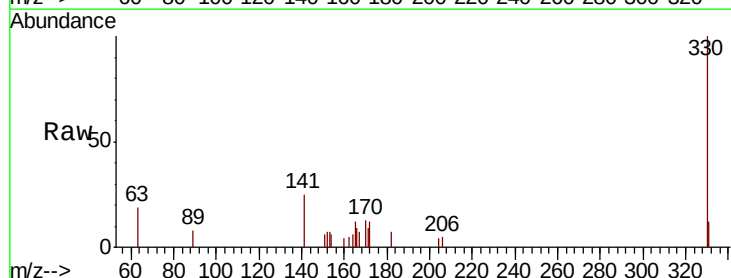
Tgt Ion:330 Resp: 2330

Ion Ratio Lower Upper

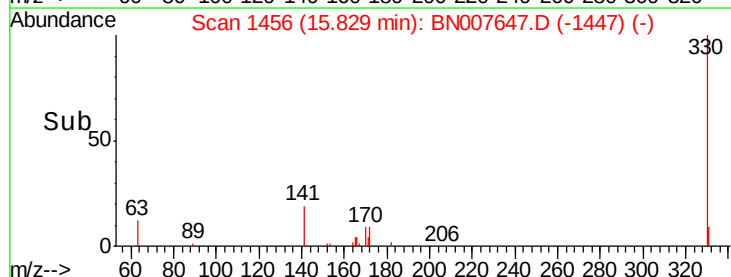
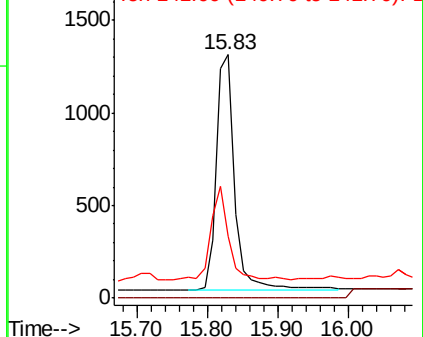
330 100

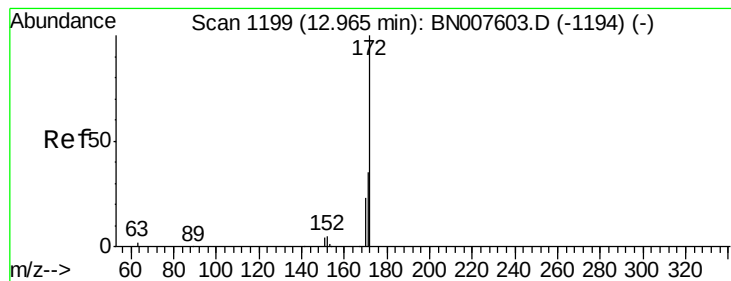
332 0.0 0.0 0.0

141 38.3 30.1 45.1



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: 0.425 ng

RT: 12.95 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

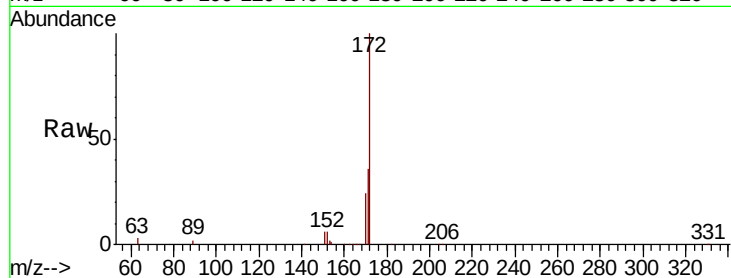
Tot Ion:172 Resp: 34746

Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

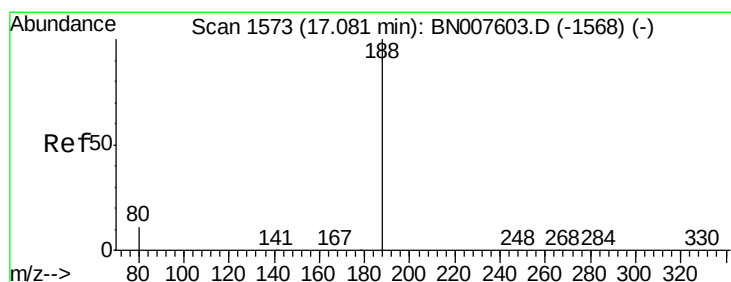
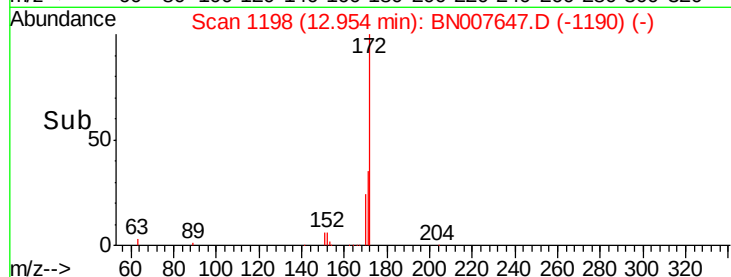
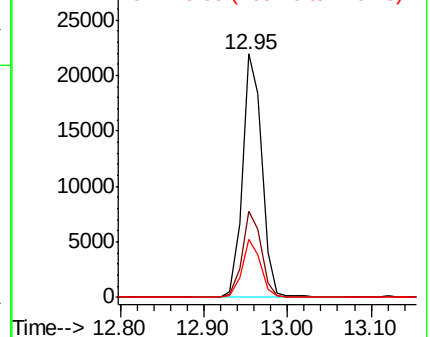
170 23.7 18.5 27.7



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: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

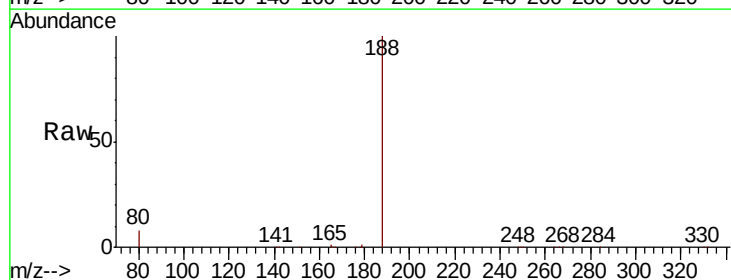
Tgt Ion:188 Resp: 38974

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

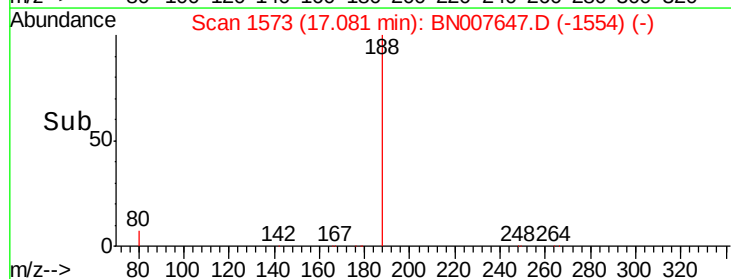
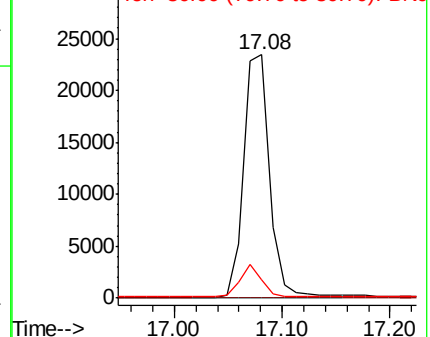
80 7.6 8.8 13.2#

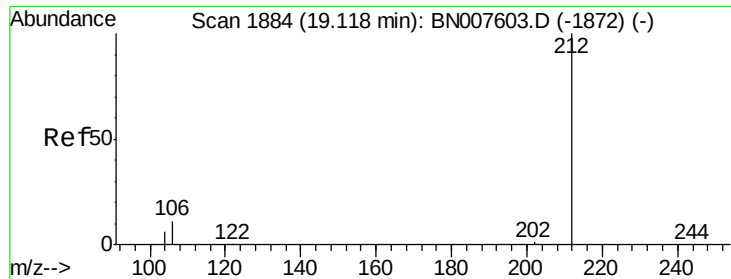


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

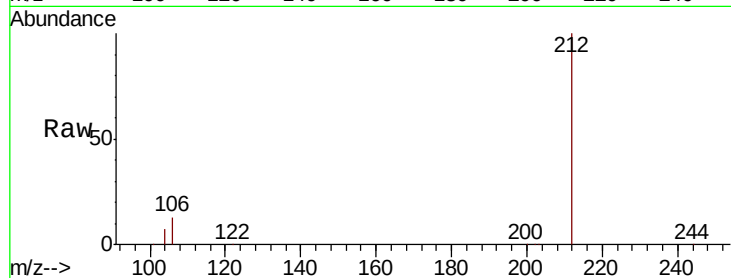
Tot Ion:212 Resp: 50025

Ion Ratio Lower Upper

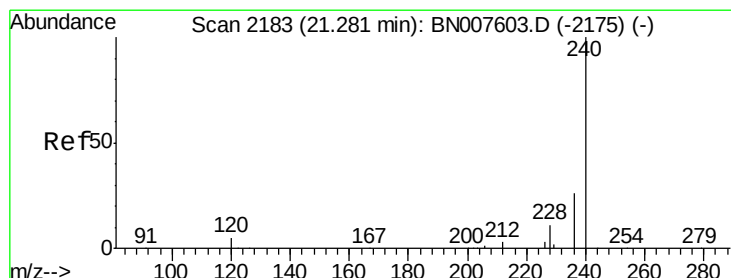
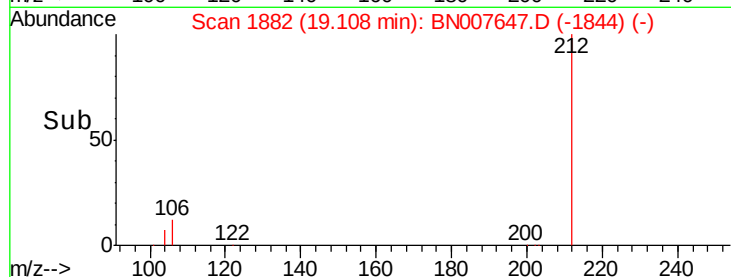
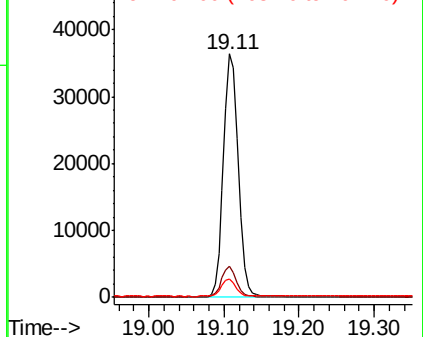
212 100

106 12.4 9.6 14.4

104 6.9 5.4 8.0



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: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

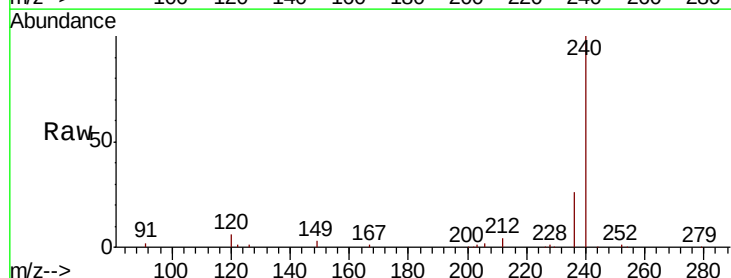
Tgt Ion:240 Resp: 37516

Ion Ratio Lower Upper

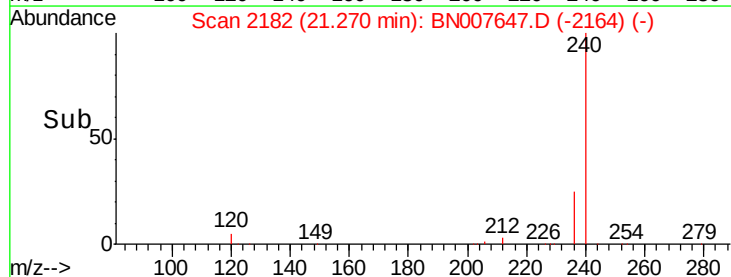
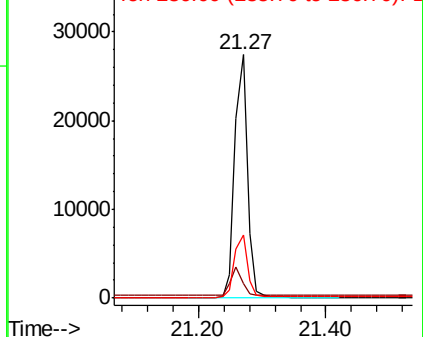
240 100

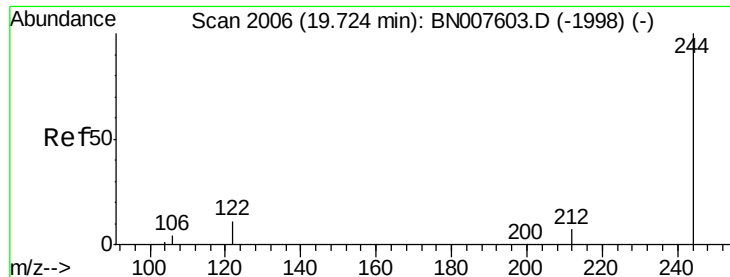
120 6.2 4.3 6.5

236 25.8 20.8 31.2



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





#29

Terphenyl-d14

Concen: 0.522 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

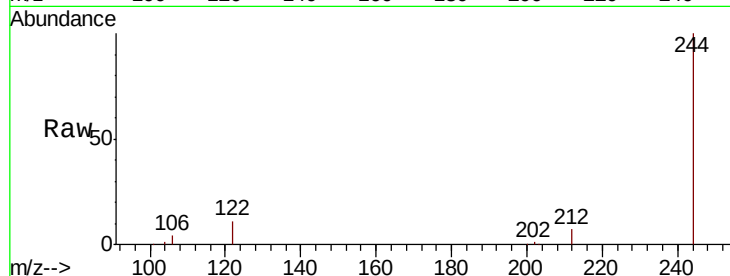
Tot Ion:244 Resp: 51594

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.5 8.6 12.8

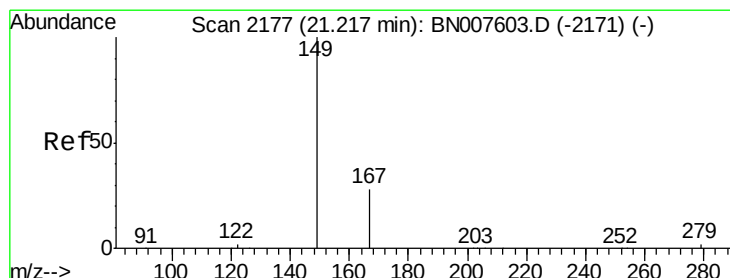
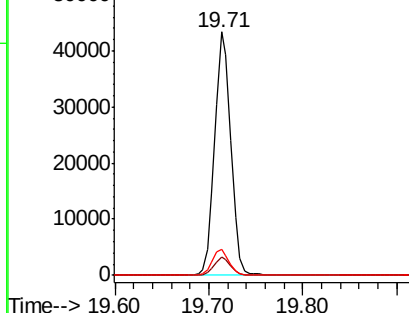
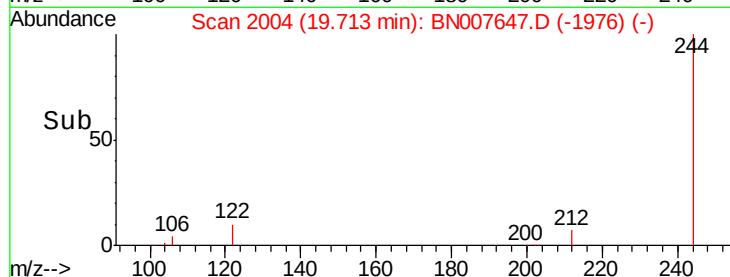


Abundance

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: 0.058 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

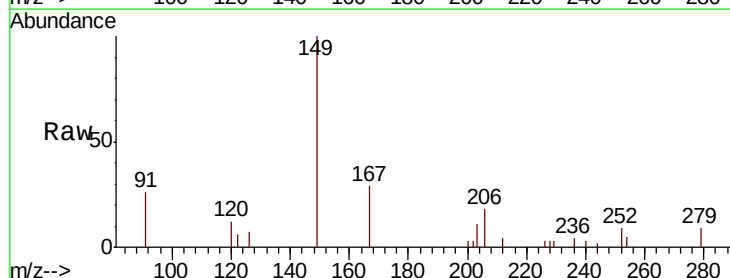
Tgt Ion:149 Resp: 2628

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

279 4.6 3.8 5.6

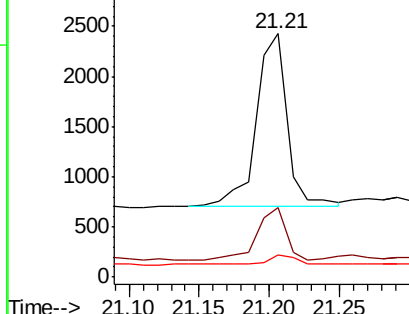
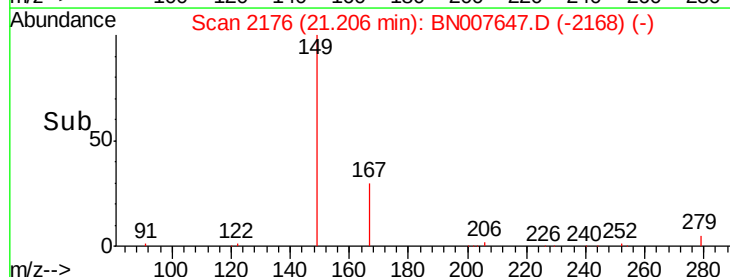


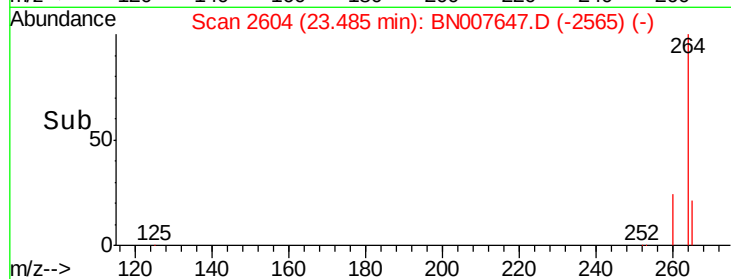
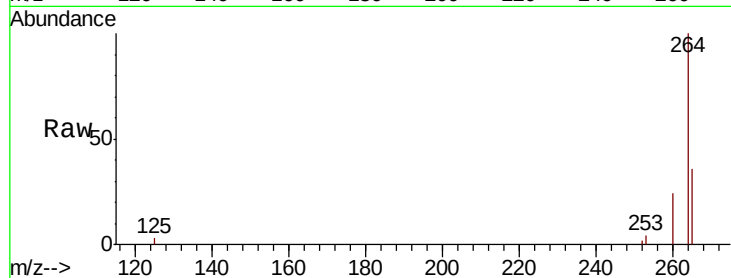
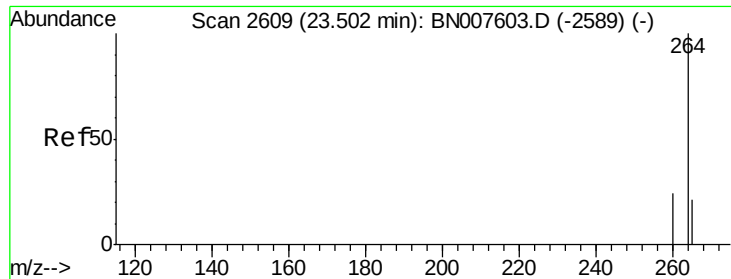
Abundance

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: 23.48 min Scan# 2604

Delta R.T. -0.02 min

Lab File: BN007647.D

Acq: 14 Sep 2019 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D3-20190910

Tot Ion:264 Resp: 37665

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 36.2 24.6 37.0

