

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007656.D
 Acq On : 14 Sep 2019 09:45
 Operator : HP/JU
 Sample : K4858-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20190911

Quant Time: Sep 16 01:38:24 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

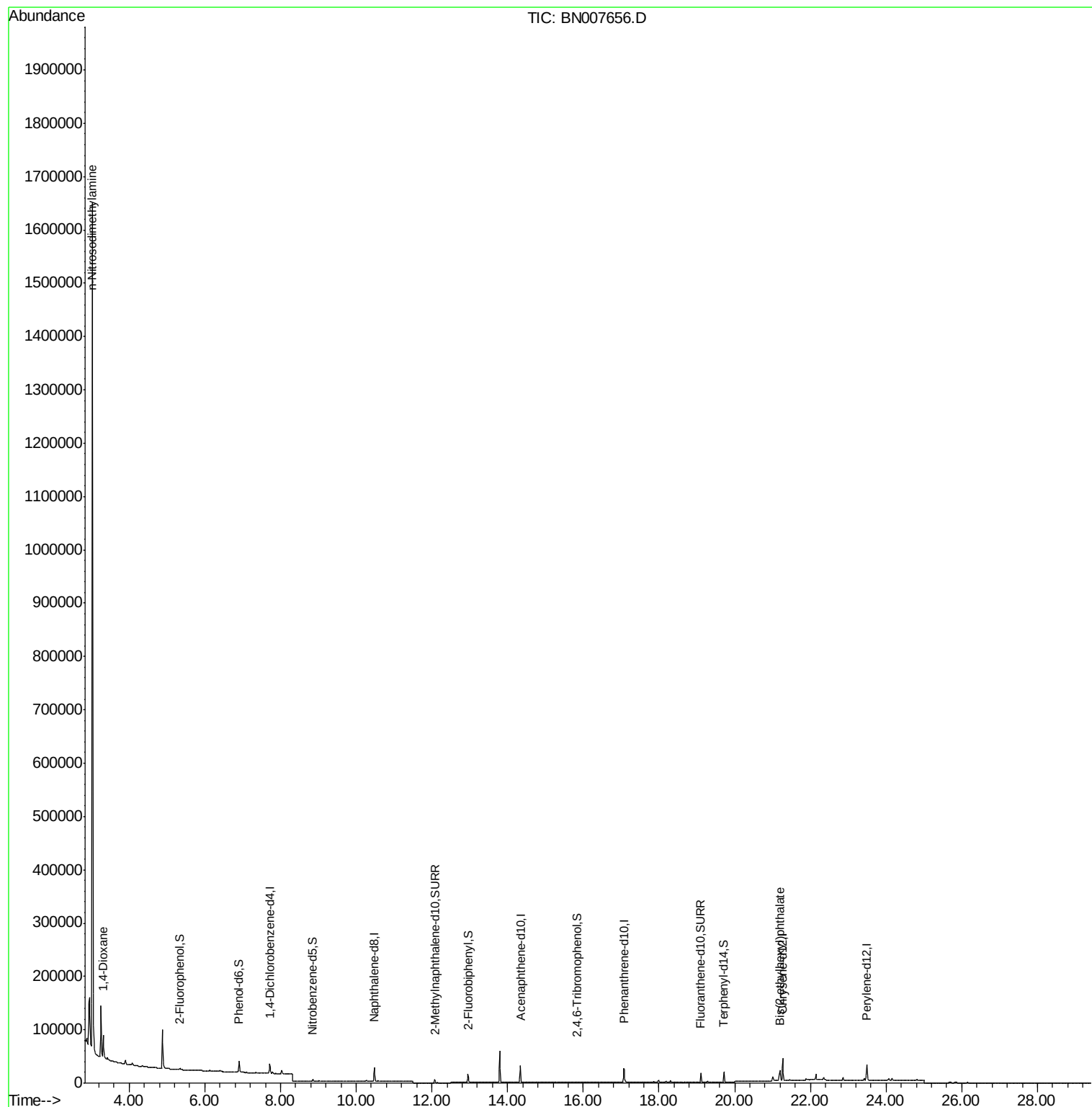
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9049	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34479	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18706	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	37976	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	38125	0.40	ng	-0.01
34) Perylene-d12	23.49	264	39188	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1726	0.06	ng	0.00
5) Phenol-d6	6.89	99	1507	0.05	ng	0.00
8) Nitrobenzene-d5	8.85	82	4057	0.15	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	9075	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	784	0.11	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	12899	0.16	ng	-0.01
25) Fluoranthene-d10	19.11	212	20159	0.17	ng	-0.01
29) Terphenyl-d14	19.71	244	20371	0.20	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.32	88	34494	3.181	ng	Qvalue 89
3) n-Nitrosodimethylamine	3.03	42	131448	26.716	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.20	149	29417	0.642	ng	# 97

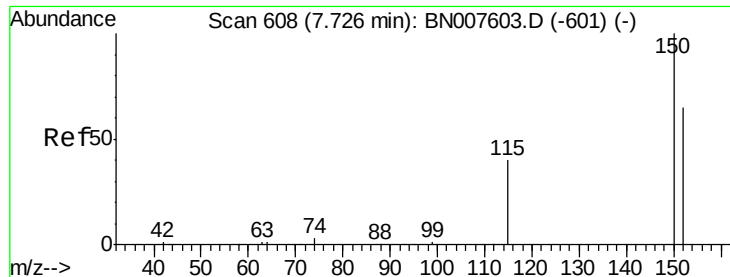
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 607

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20190911

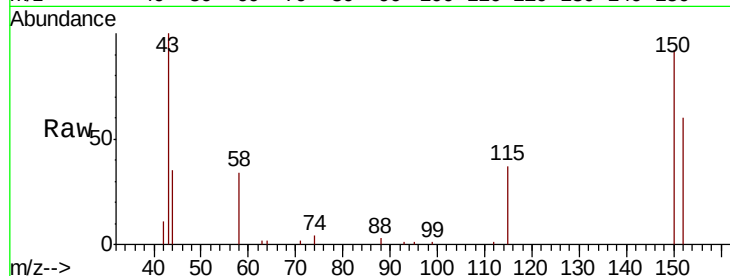
Tot Ion:152 Resp: 9049

Ion Ratio Lower Upper

152 100

150 153.3 122.4 183.6

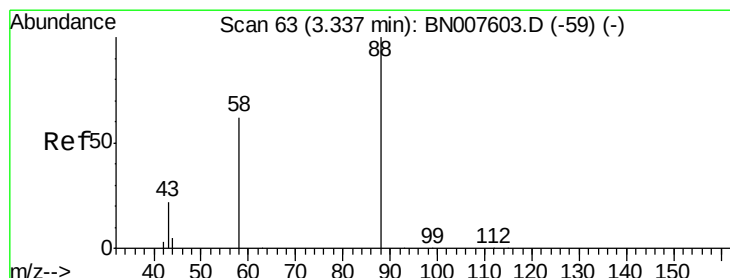
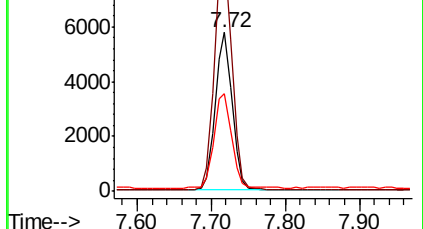
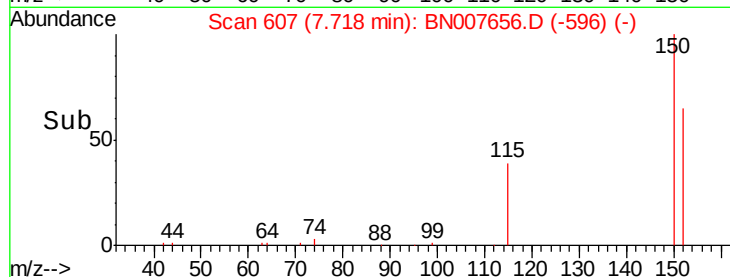
115 61.9 50.4 75.6



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: 3.181 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.02 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

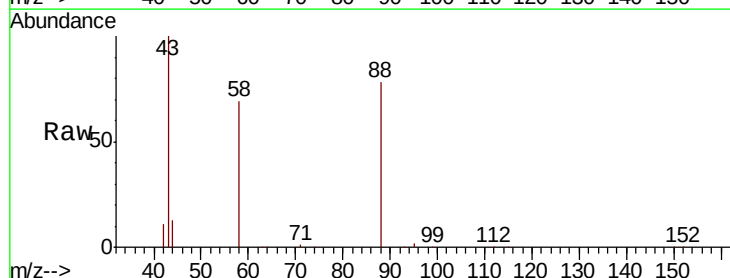
Tgt Ion: 88 Resp: 34494

Ion Ratio Lower Upper

88 100

58 61.2 57.0 85.4

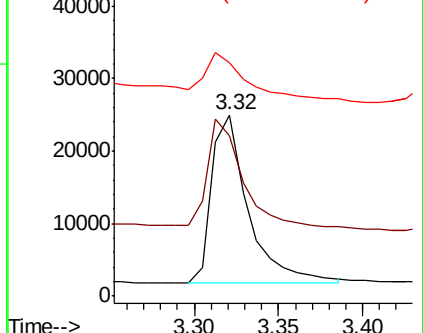
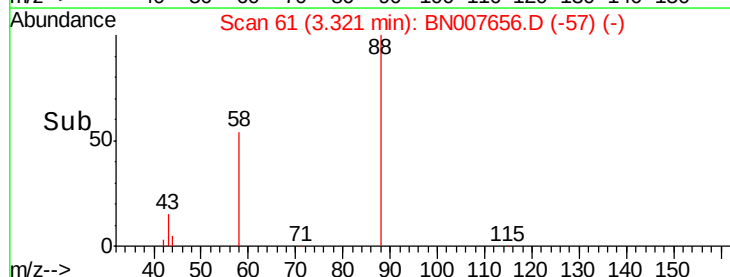
43 28.6 20.0 30.0

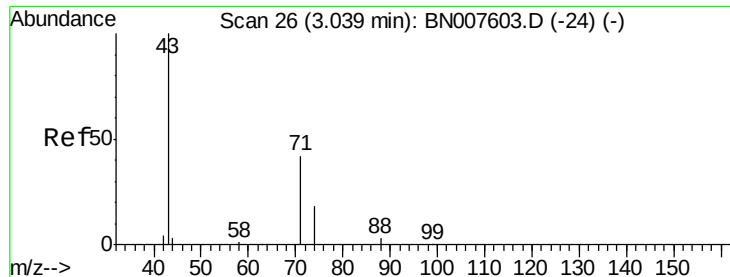


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 26.716 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20190911

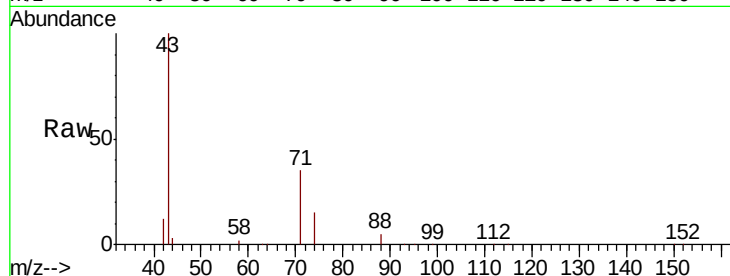
Tot Ion: 42 Resp: 131448

Ion Ratio Lower Upper

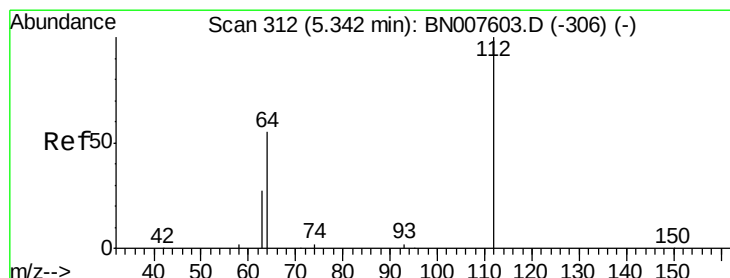
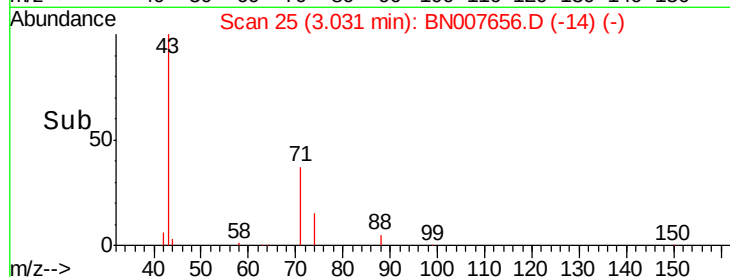
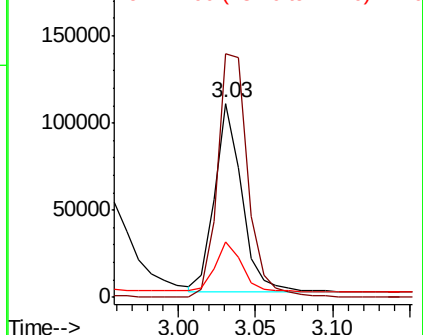
42 100

74 145.1 9.8 14.8#

44 26.7 0.0 0.0#



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: 0.060 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

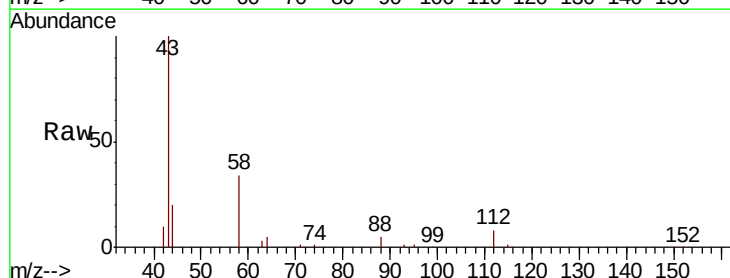
Tgt Ion: 112 Resp: 1726

Ion Ratio Lower Upper

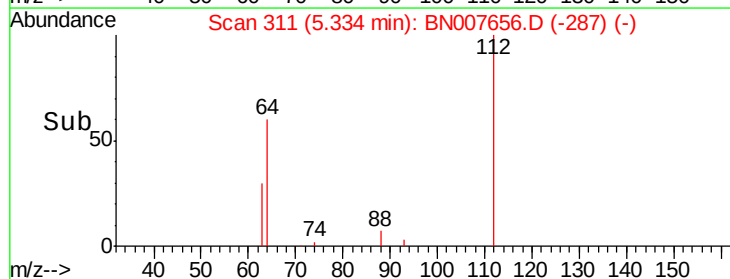
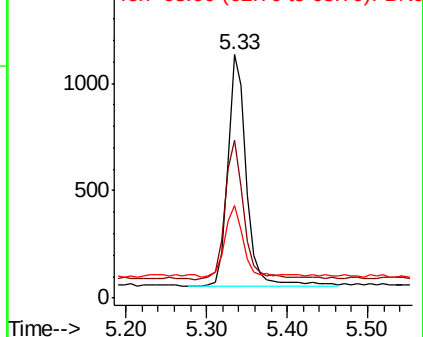
112 100

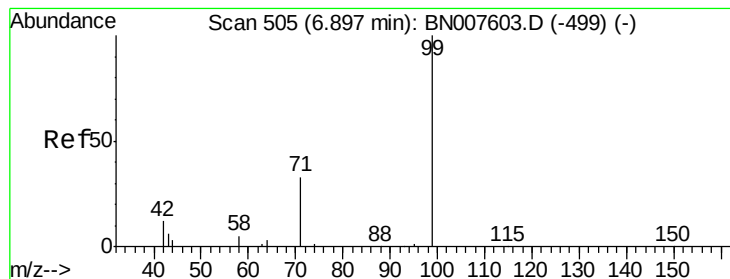
64 60.6 48.5 72.7

63 29.8 24.4 36.6



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: 0.050 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20190911

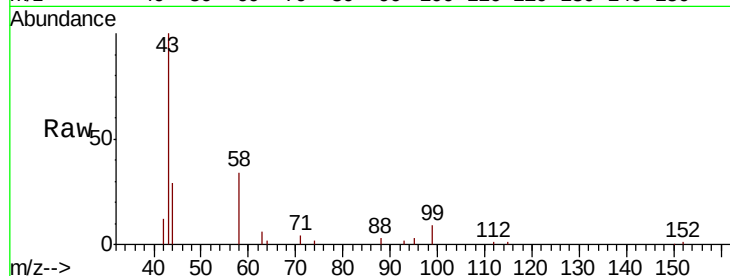
Tot Ion: 99 Resp: 1507

Ion Ratio Lower Upper

99 100

42 106.0 11.8 17.6#

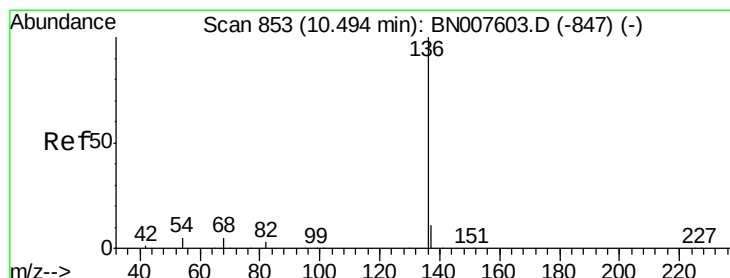
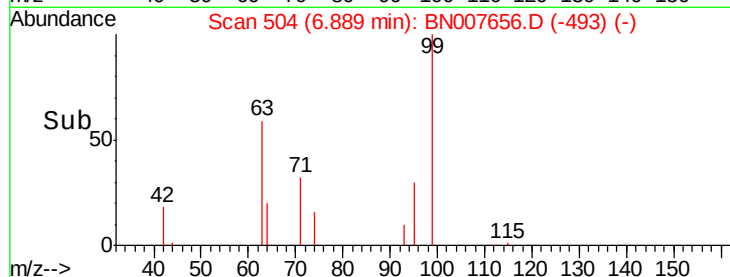
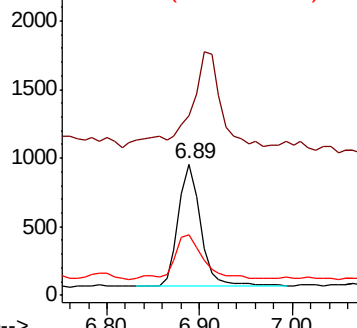
71 47.2 28.0 42.0#



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: BN007656.D

Acq: 14 Sep 2019 09:45

Tgt Ion: 136 Resp: 34479

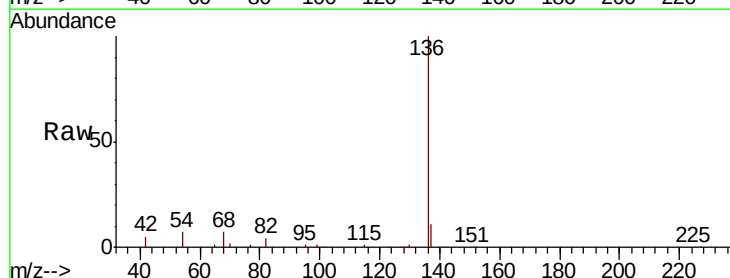
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.7 4.2 6.4#

68 7.4 4.6 7.0#

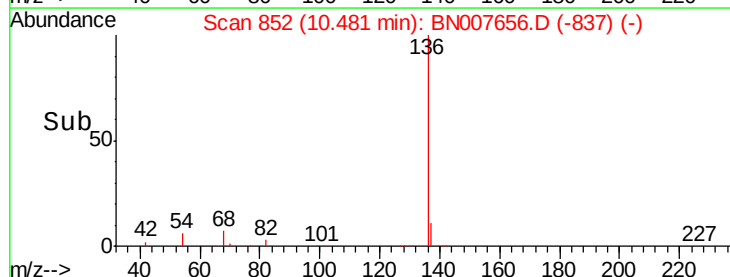
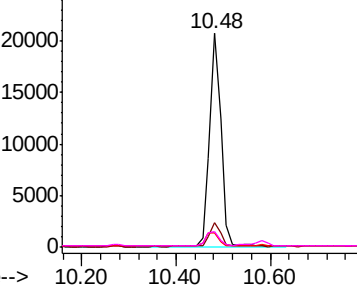


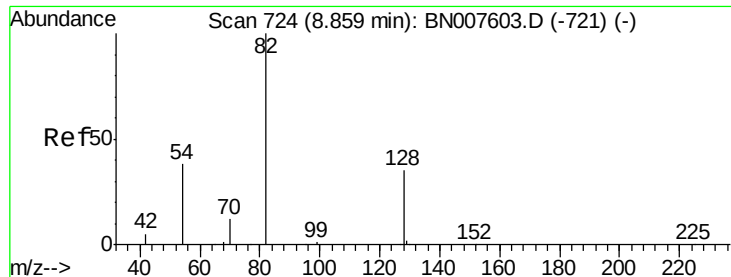
Abundance Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

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: 0.147 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20190911

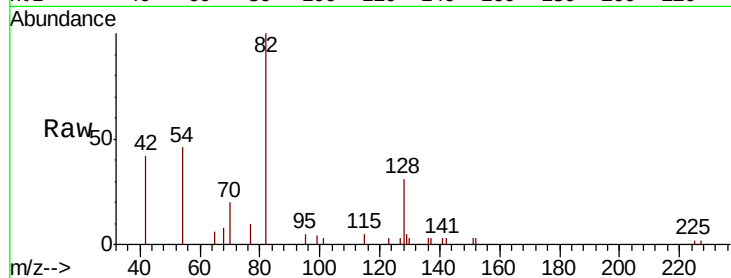
Tot Ion: 82 Resp: 4057

Ion Ratio Lower Upper

82 100

128 30.5 27.9 41.9

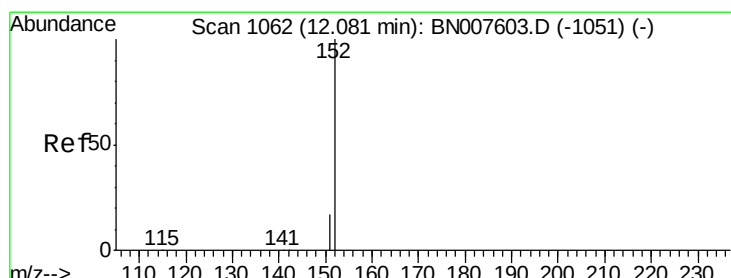
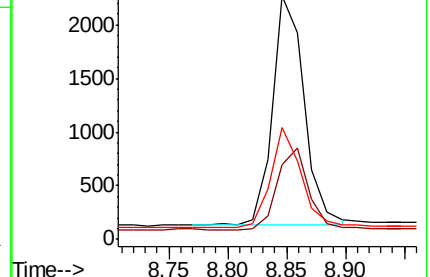
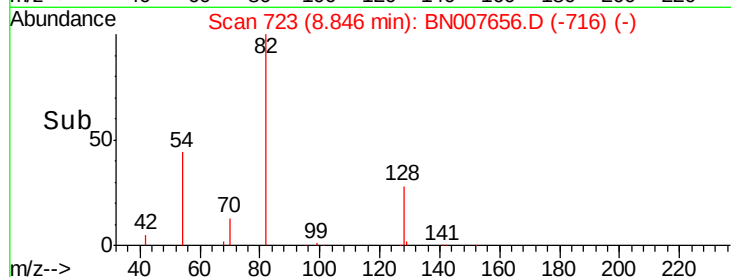
54 46.2 30.9 46.3



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: 0.155 ng

RT: 12.07 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN007656.D

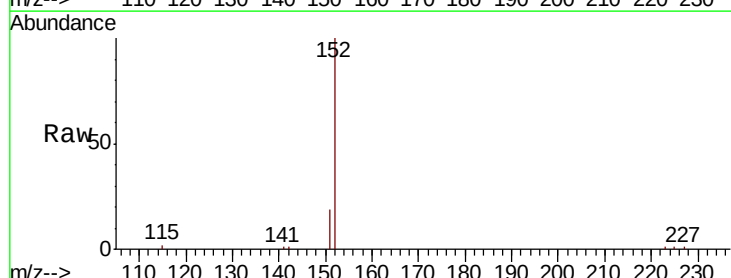
Acq: 14 Sep 2019 09:45

Tgt Ion: 152 Resp: 9075

Ion Ratio Lower Upper

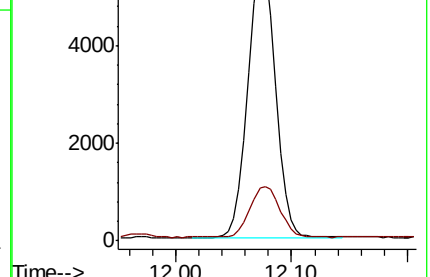
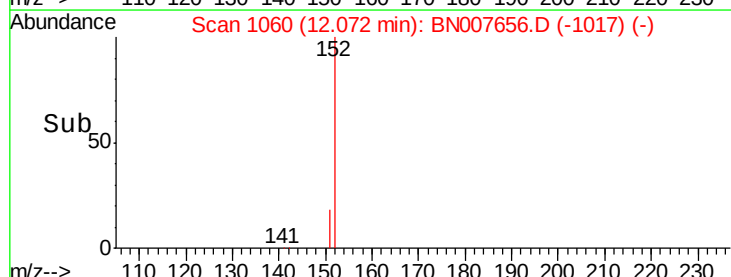
152 100

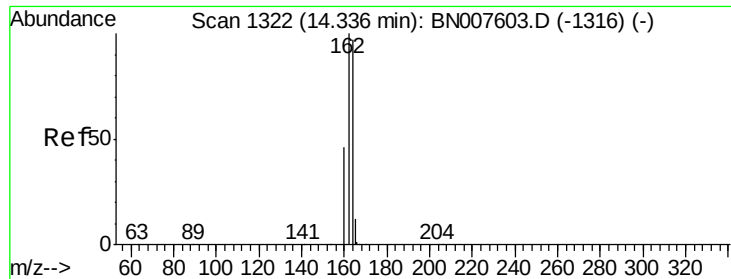
151 19.9 15.3 22.9



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: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

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ClientSampleId :

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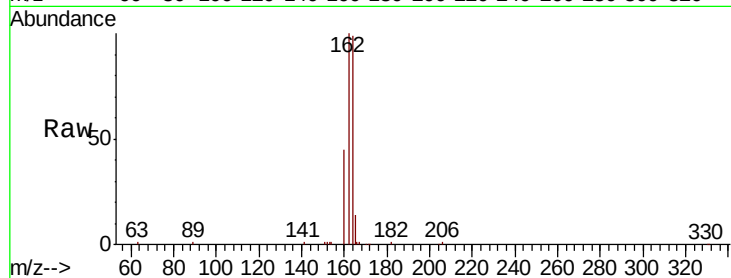
Tot Ion:164 Resp: 18706

Ion Ratio Lower Upper

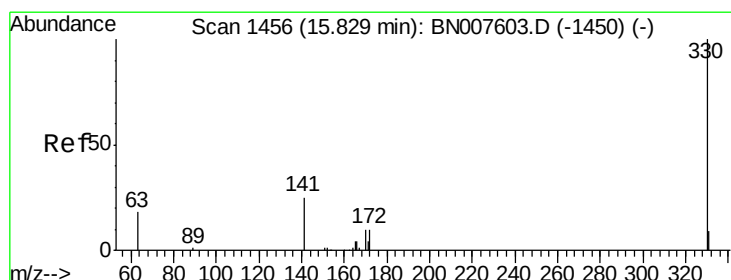
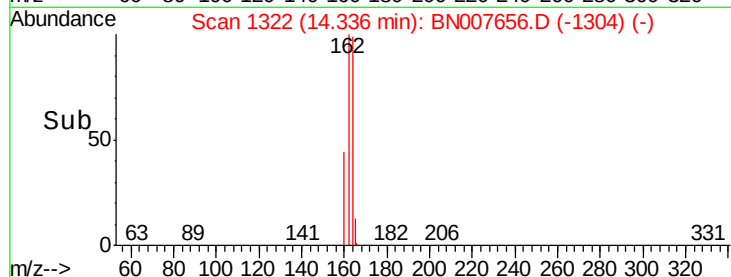
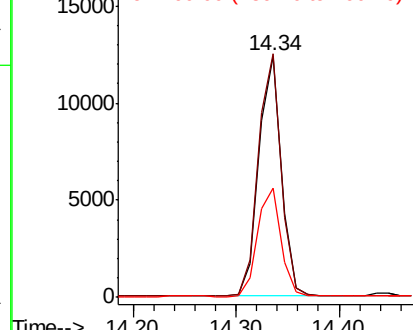
164 100

162 100.8 82.8 124.2

160 45.0 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: 0.111 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

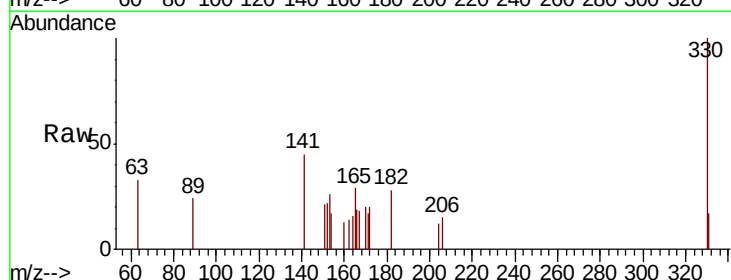
Tgt Ion:330 Resp: 784

Ion Ratio Lower Upper

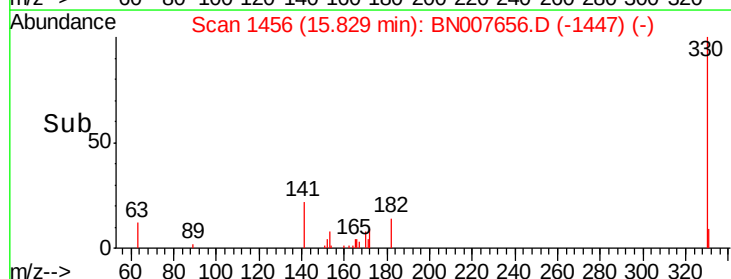
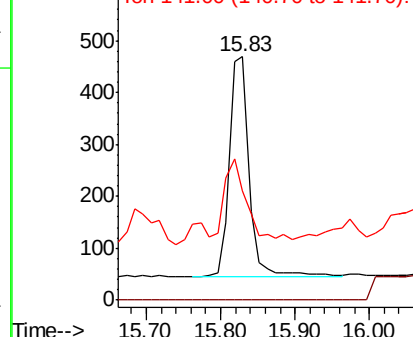
330 100

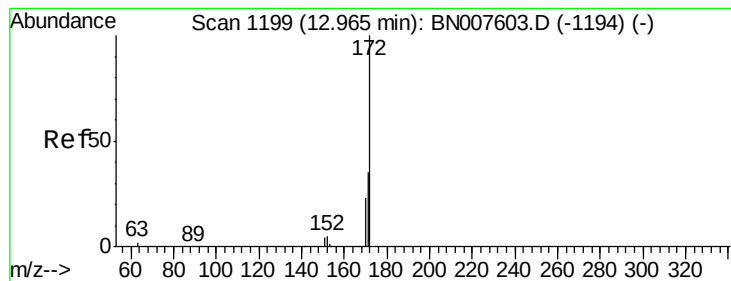
332 0.0 0.0 0.0

141 45.7 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: 0.158 ng

RT: 12.95 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

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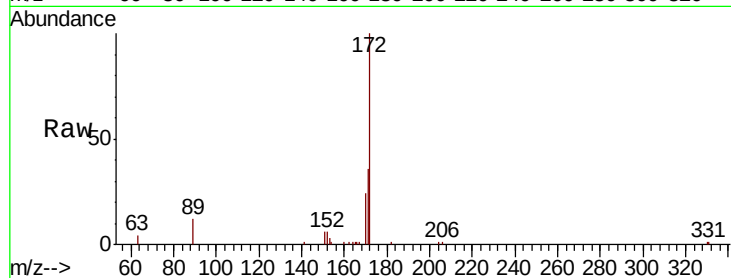
Tot Ion:172 Resp: 12899

Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 23.7 18.5 27.7

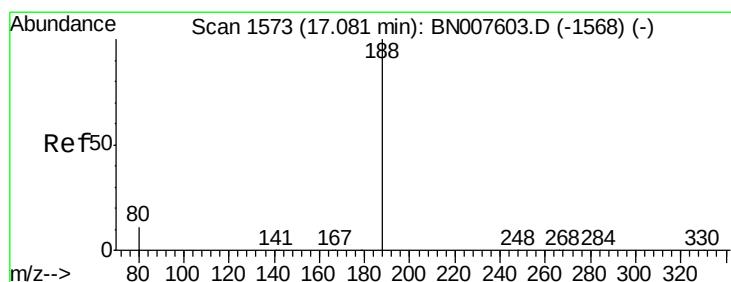
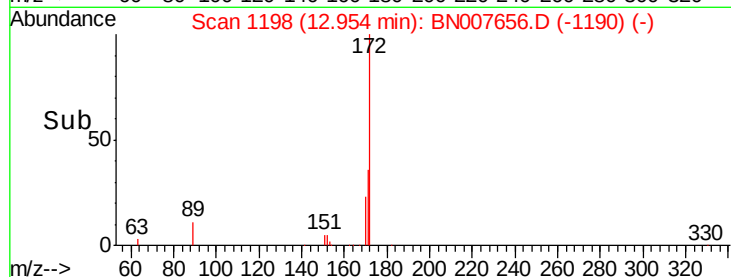
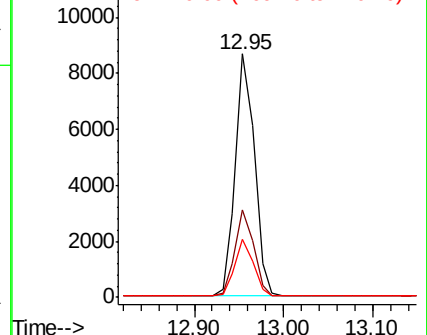


Abundance

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: 17.07 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

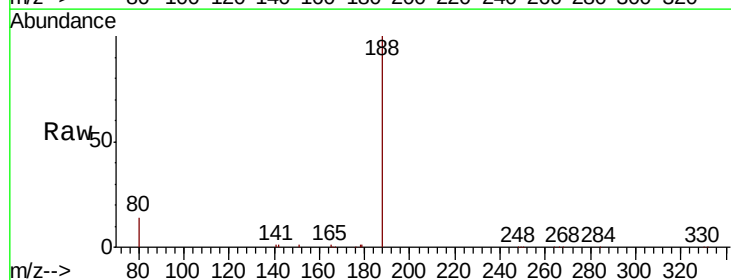
Tgt Ion:188 Resp: 37976

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 8.8 13.2#

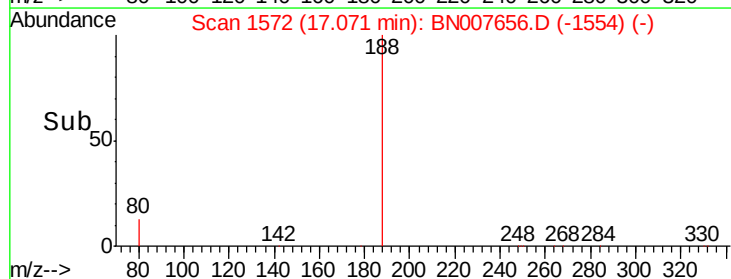
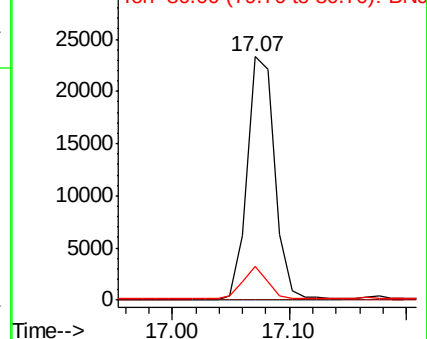


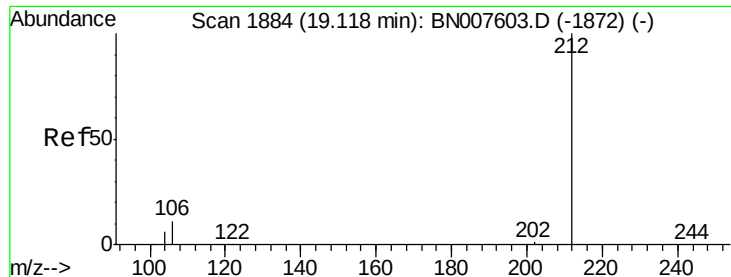
Abundance

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: 0.168 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20190911

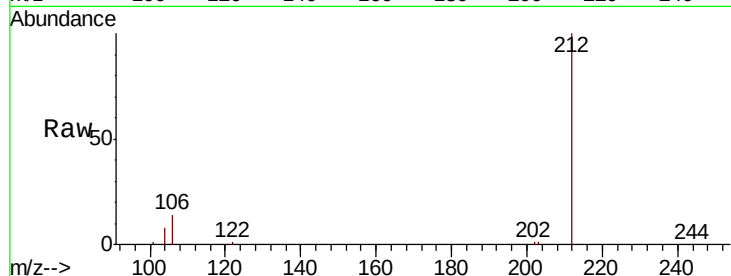
Tot Ion:212 Resp: 20159

Ion Ratio Lower Upper

212 100

106 12.9 9.6 14.4

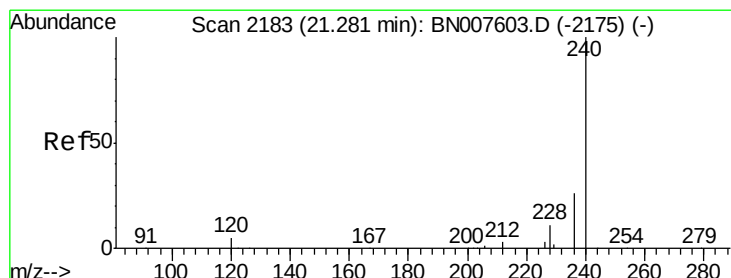
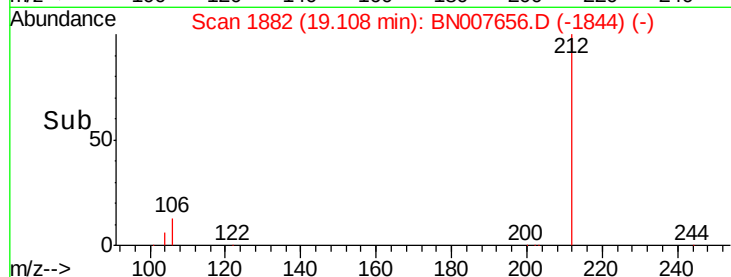
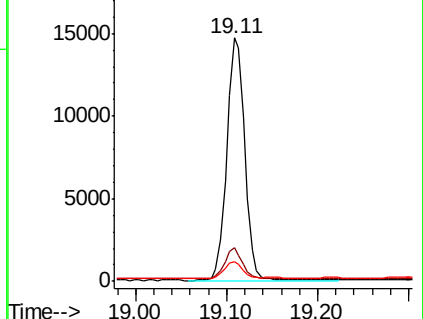
104 7.2 5.4 8.0



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: BN007656.D

Acq: 14 Sep 2019 09:45

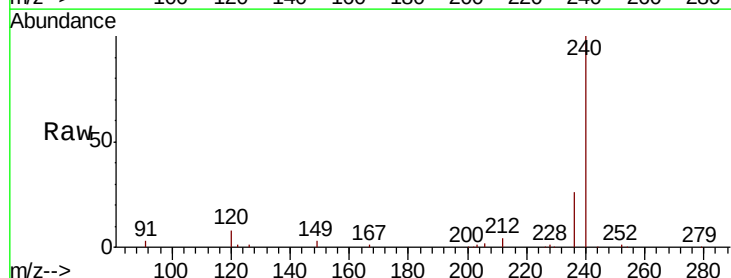
Tgt Ion:240 Resp: 38125

Ion Ratio Lower Upper

240 100

120 7.6 4.3 6.5#

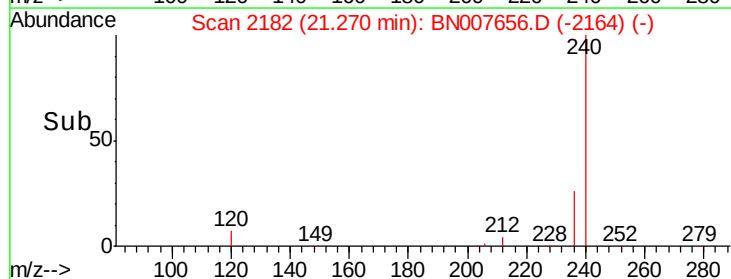
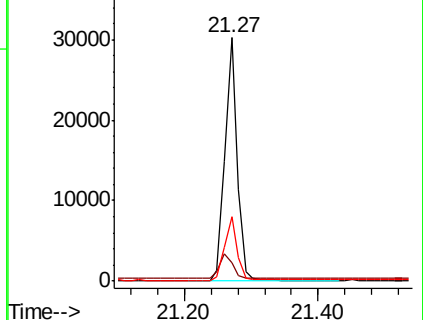
236 26.3 20.8 31.2

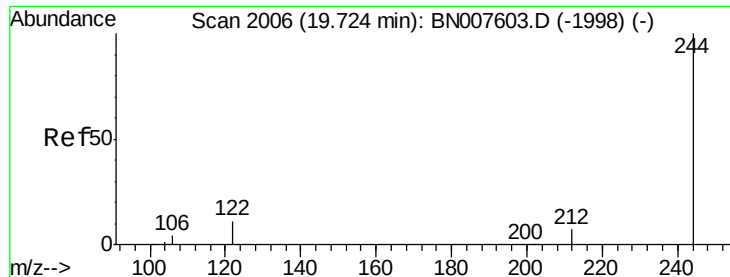


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.203 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20190911

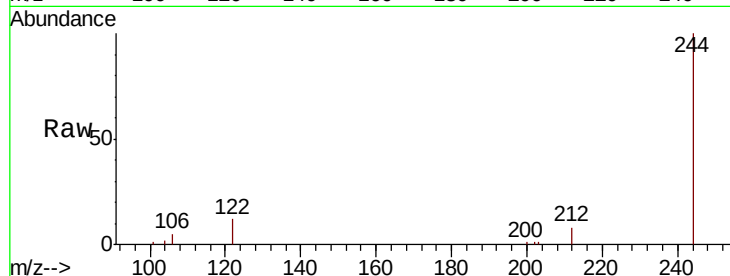
Tot Ion:244 Resp: 20371

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

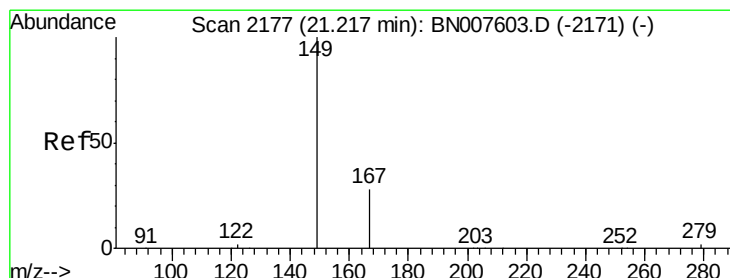
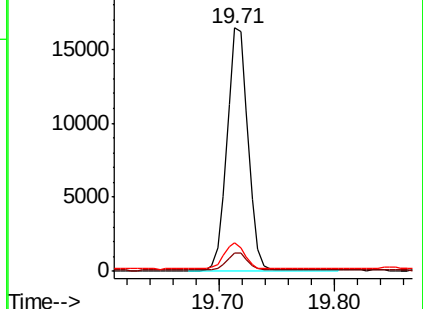
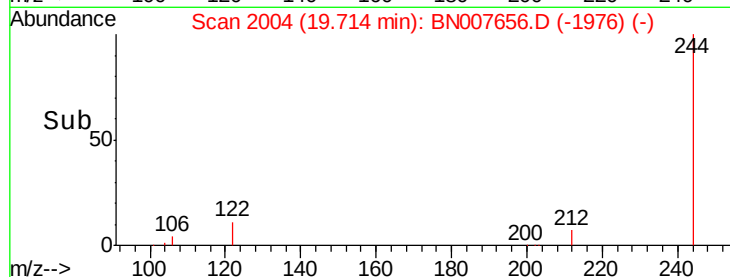
122 11.8 8.6 12.8



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: 0.642 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

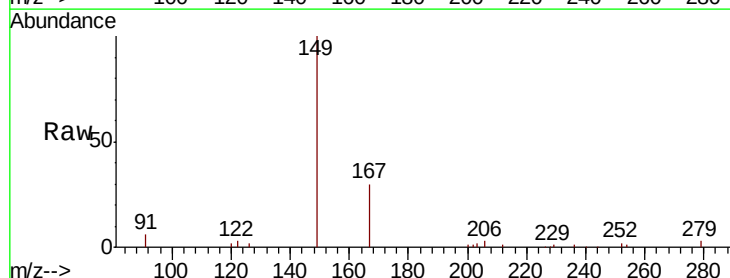
Tgt Ion:149 Resp: 29417

Ion Ratio Lower Upper

149 100

167 30.1 22.6 34.0

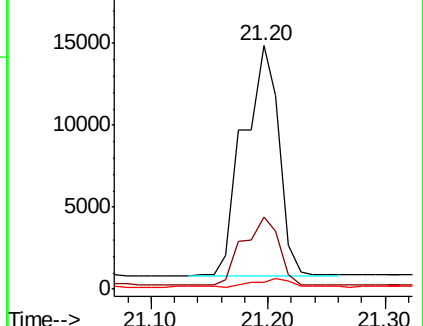
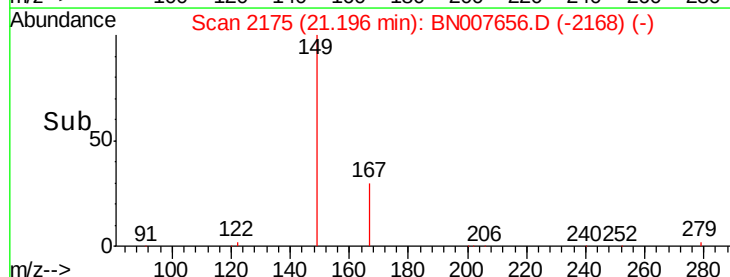
279 3.5 3.8 5.6

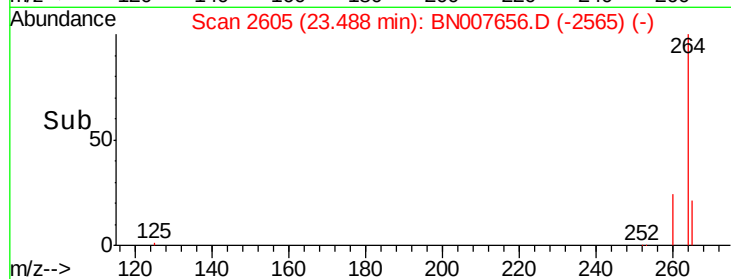
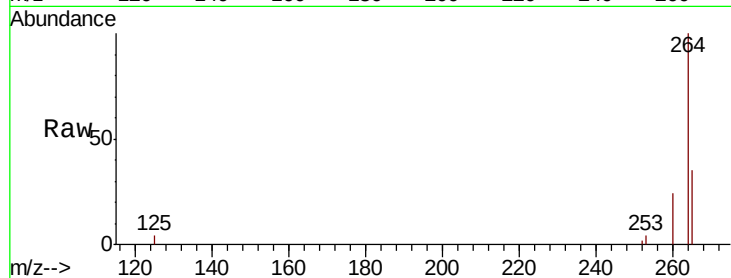
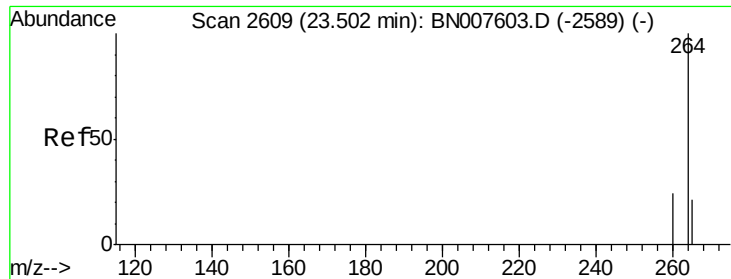


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.49 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BN007656.D

Acq: 14 Sep 2019 09:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20190911

Tot Ion: 264 Resp: 39188

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 35.3 24.6 37.0

