

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007655.D
 Acq On : 14 Sep 2019 09:10
 Operator : HP/JU
 Sample : K4858-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20190911

Quant Time: Sep 16 01:38:17 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

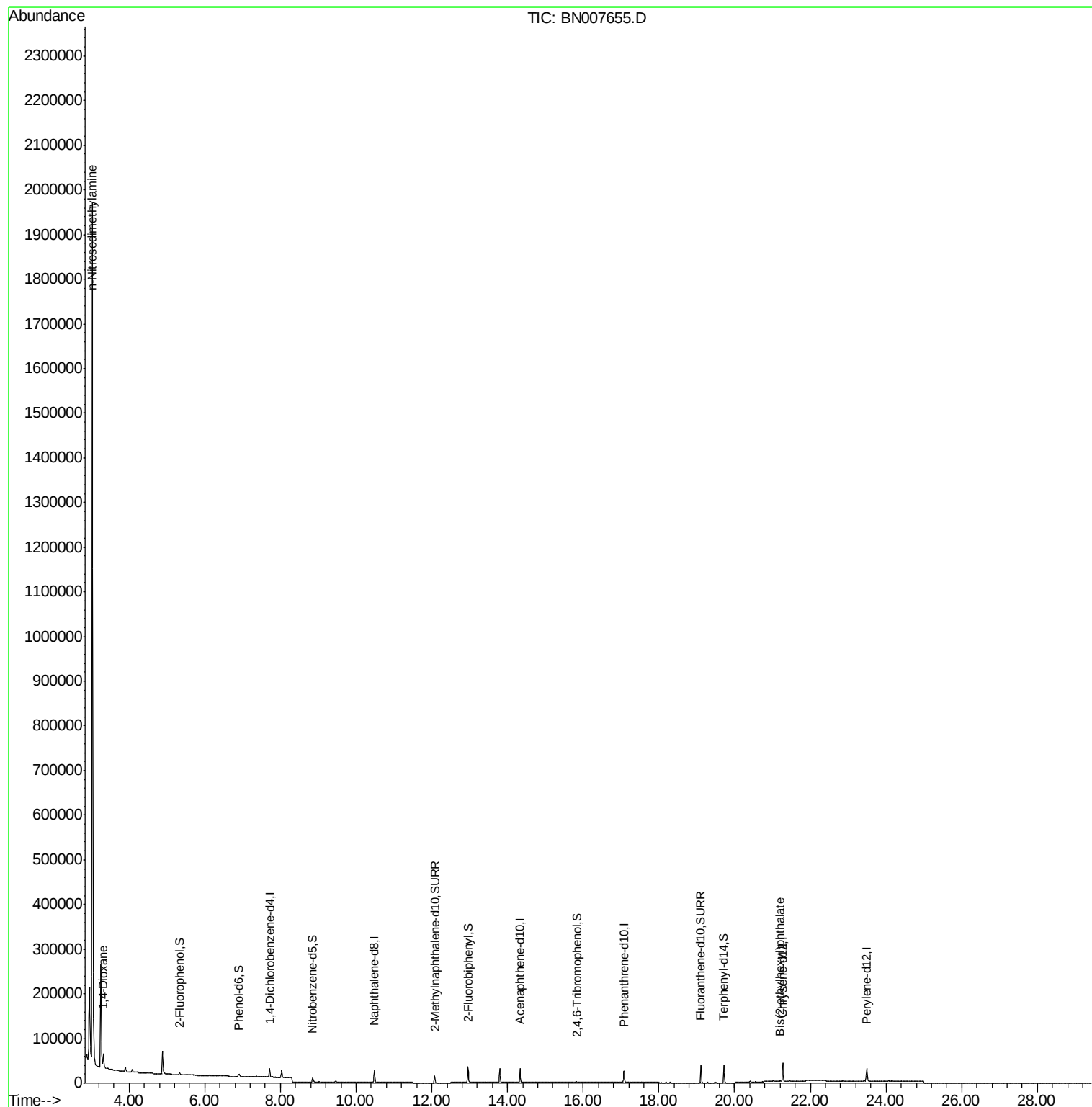
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8984	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34172	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18891	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38483	0.40	ng	0.00
27) Chrysene-d12	21.27	240	37674	0.40	ng	-0.01
34) Perylene-d12	23.49	264	37290	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3570	0.12	ng	0.00
5) Phenol-d6	6.89	99	2994	0.09	ng	0.00
8) Nitrobenzene-d5	8.85	82	9106	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	21521	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1674	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	31302	0.38	ng	-0.01
25) Fluoranthene-d10	19.11	212	47022	0.39	ng	-0.01
29) Terphenyl-d14	19.71	244	39824	0.40	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.32	88	26519	2.463	ng	Qvalue 89
3) n-Nitrosodimethylamine	3.03	42	169761	34.752	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	2541	0.056	ng	98

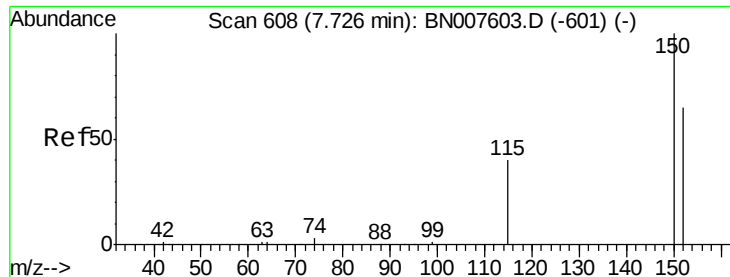
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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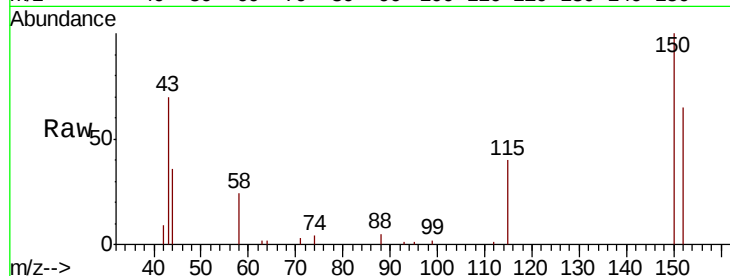


#1

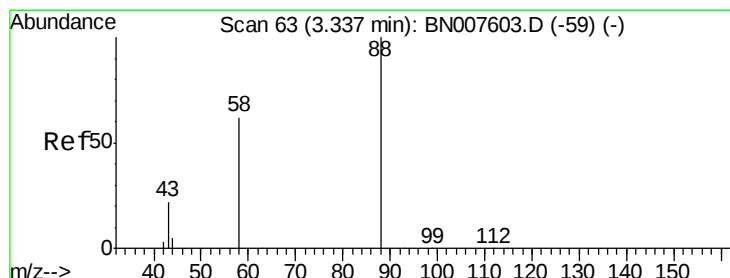
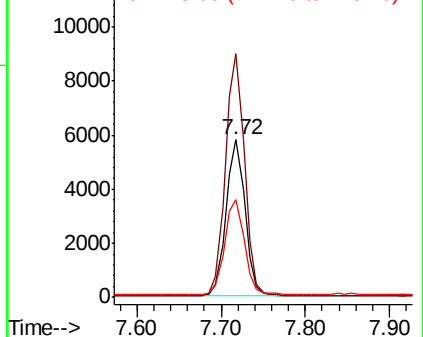
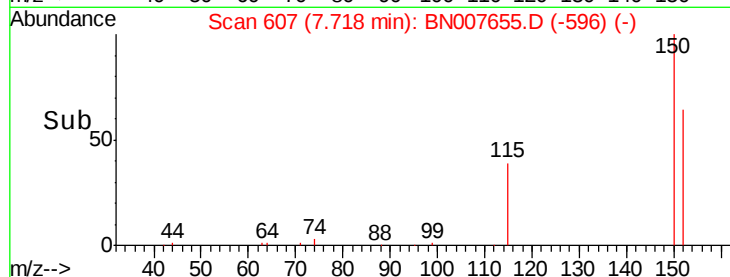
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007655.D
Acq: 14 Sep 2019 09:10

Instrument :
BNA_N
ClientSampleId :
RE132D1-20190911

Tot Ion:152 Resp: 8984
Ion Ratio Lower Upper
152 100
150 154.5 122.4 183.6
115 62.4 50.4 75.6



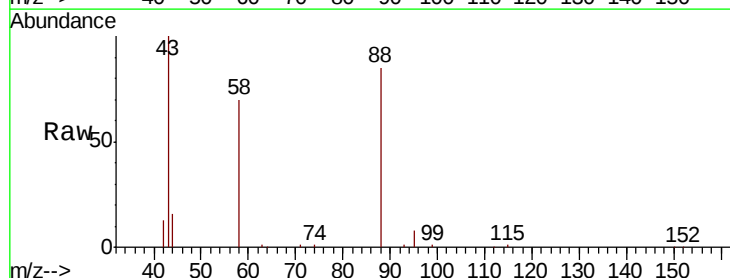
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



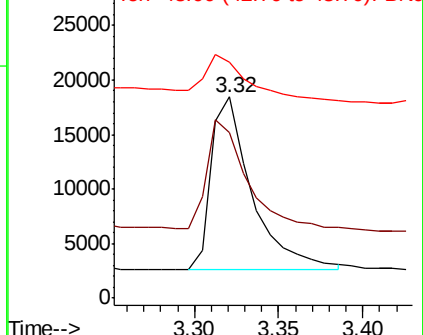
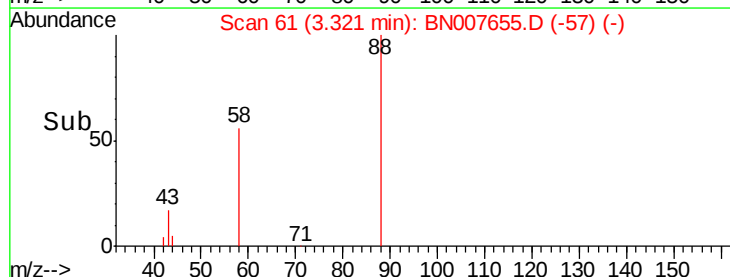
#2

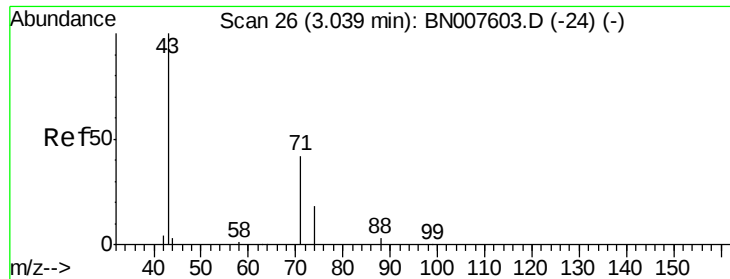
1,4-Dioxane
Concen: 2.463 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007655.D
Acq: 14 Sep 2019 09:10

Tgt Ion: 88 Resp: 26519
Ion Ratio Lower Upper
88 100
58 61.1 57.0 85.4
43 28.4 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: 34.752 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

Instrument :

BNA_N

ClientSampleId :

RE132D1-20190911

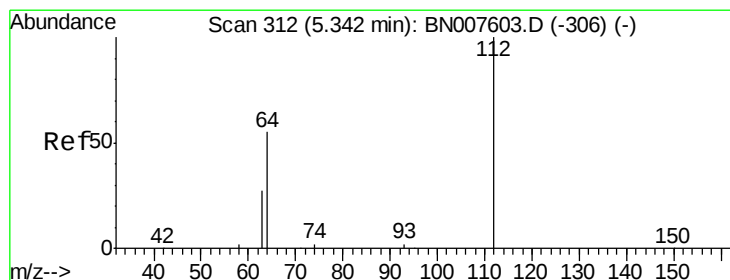
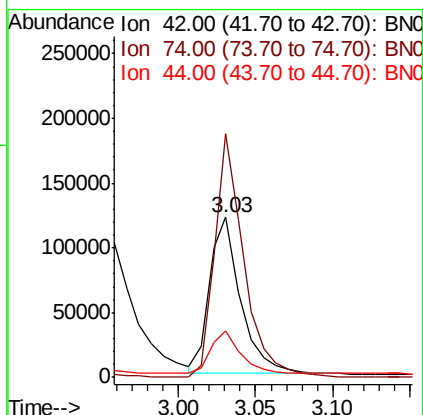
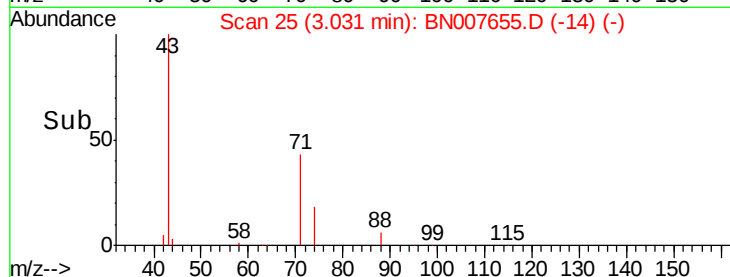
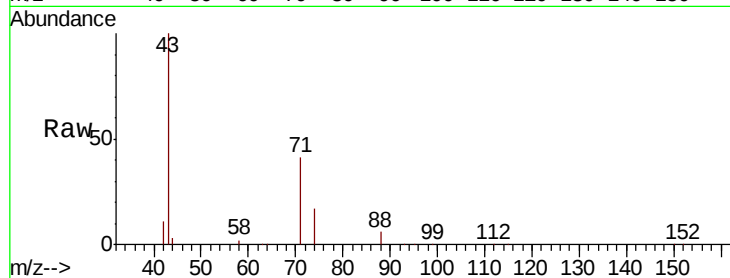
Tot Ion: 42 Resp: 169761

Ion Ratio Lower Upper

42 100

74 144.4 9.8 14.8#

44 26.1 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

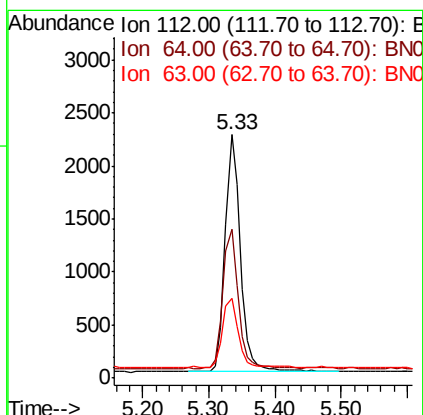
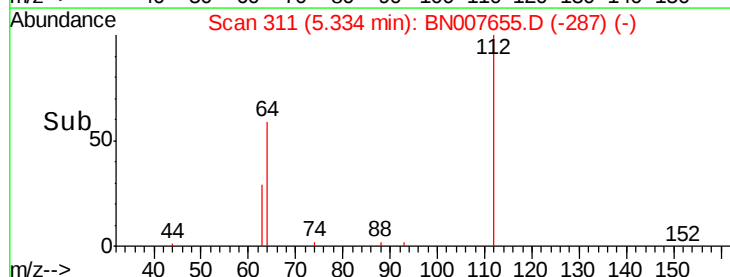
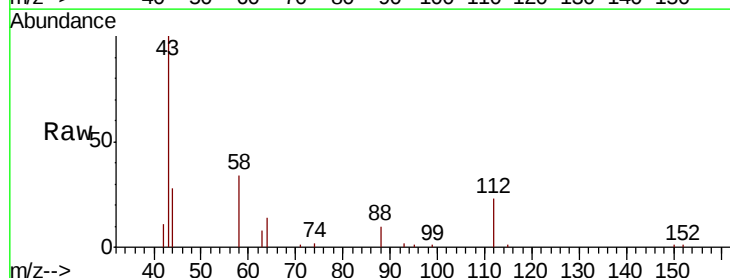
Tgt Ion: 112 Resp: 3570

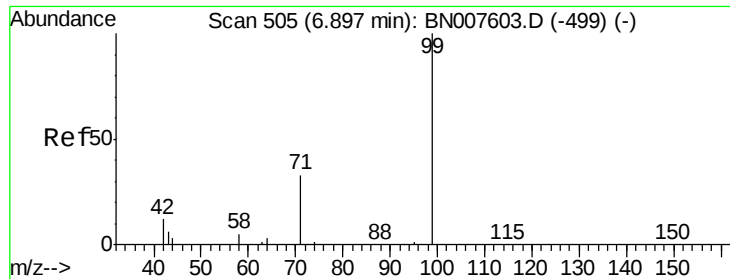
Ion Ratio Lower Upper

112 100

64 59.4 48.5 72.7

63 29.2 24.4 36.6





#5

Phenol-d6

Concen: 0.092 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

Instrument :

BNA_N

ClientSampleId :

RE132D1-20190911

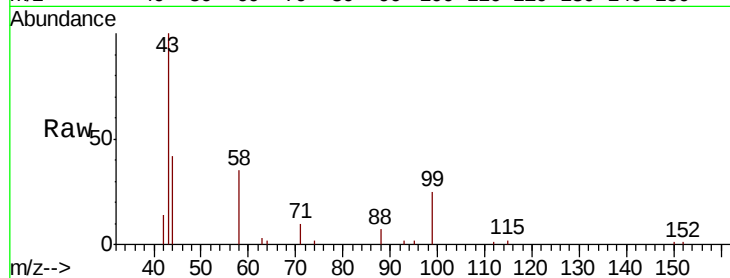
Tot Ion: 99 Resp: 2994

Ion Ratio Lower Upper

99 100

42 27.3 11.8 17.6#

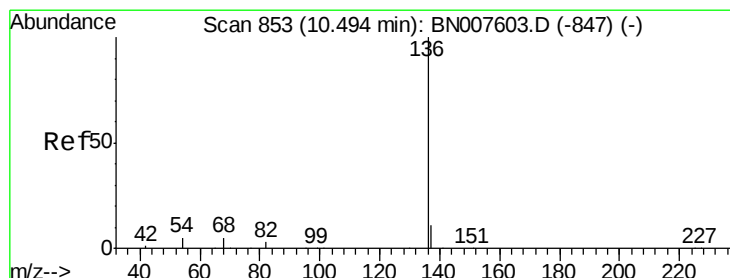
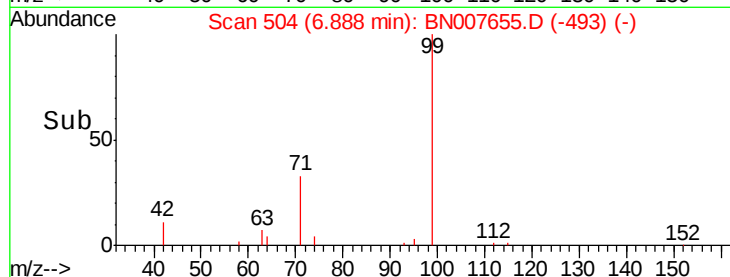
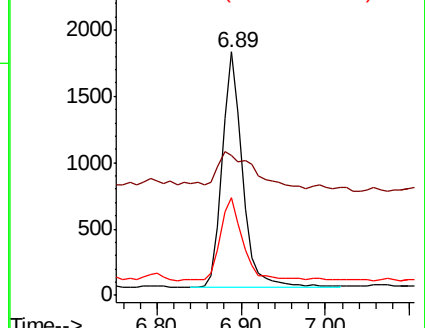
71 39.3 28.0 42.0



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: BN007655.D

Acq: 14 Sep 2019 09:10

Tgt Ion: 136 Resp: 34172

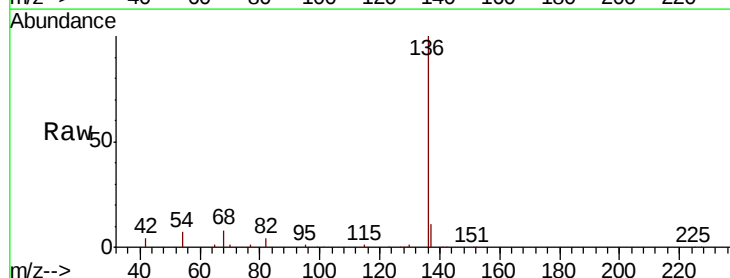
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.9 4.2 6.4#

68 7.6 4.6 7.0#

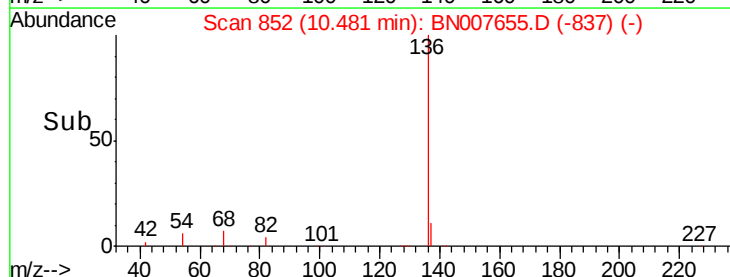
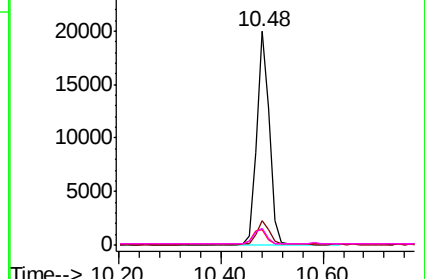


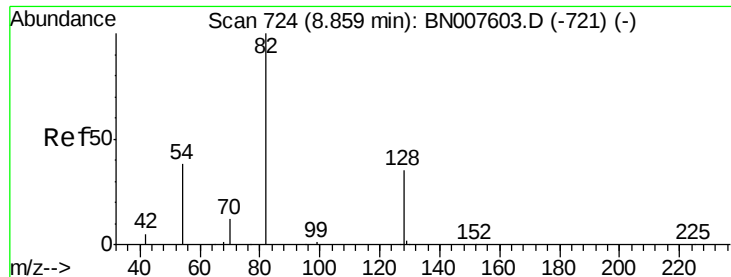
Abundance Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

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: 0.334 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

Instrument :

BNA_N

ClientSampleId :

RE132D1-20190911

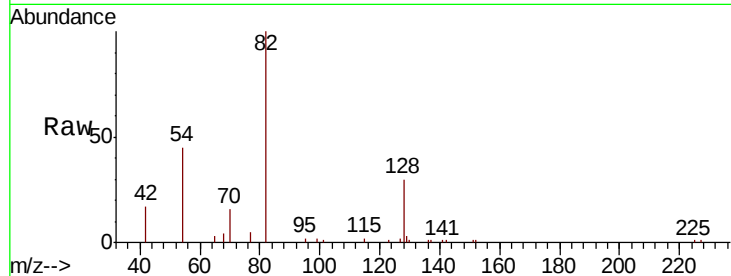
Tot Ion: 82 Resp: 9106

Ion Ratio Lower Upper

82 100

128 29.5 27.9 41.9

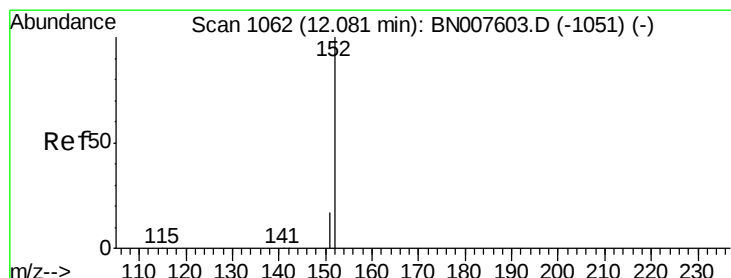
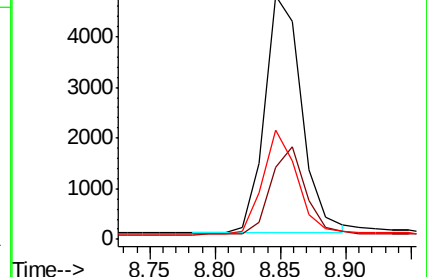
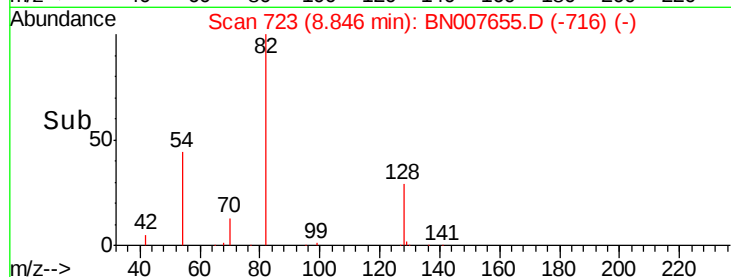
54 44.7 30.9 46.3



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: 0.372 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007655.D

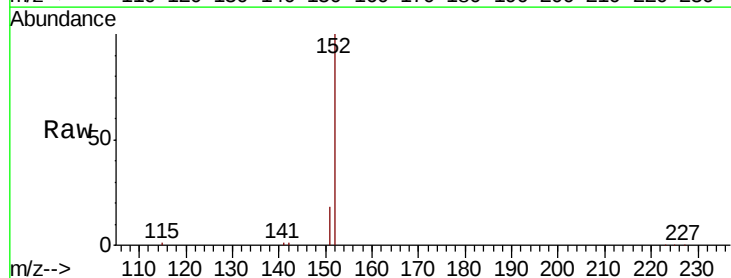
Acq: 14 Sep 2019 09:10

Tgt Ion: 152 Resp: 21521

Ion Ratio Lower Upper

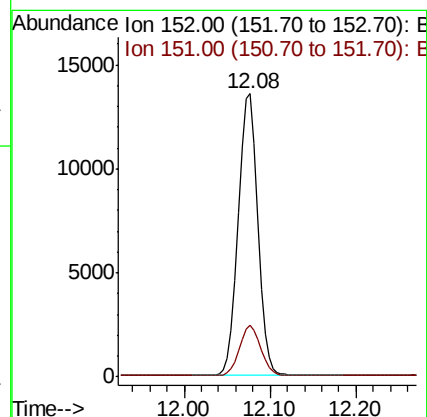
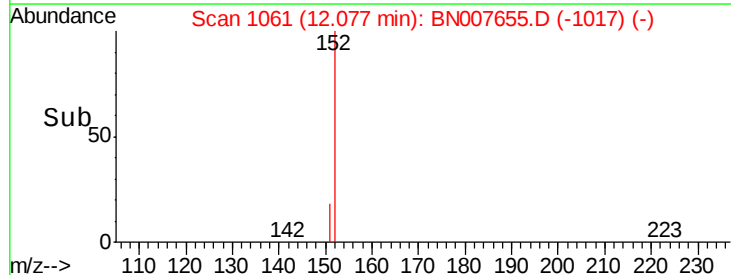
152 100

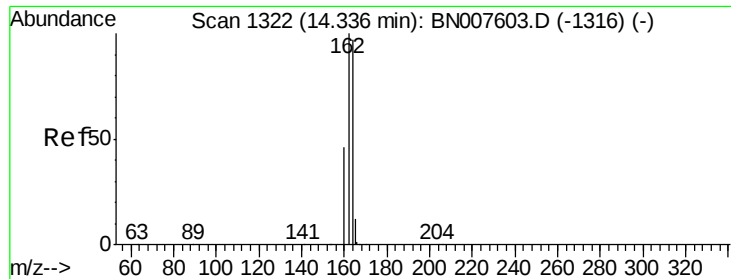
151 19.2 15.3 22.9



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: BN007655.D

Acq: 14 Sep 2019 09:10

Instrument :

BNA_N

ClientSampleId :

RE132D1-20190911

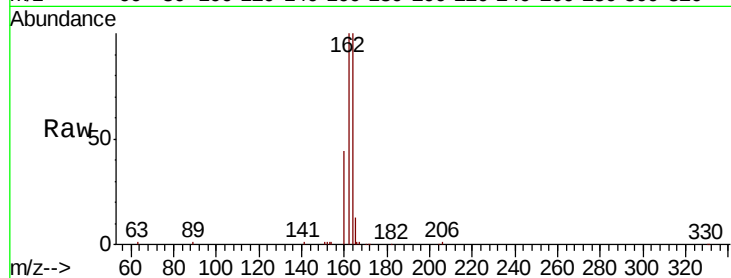
Tot Ion:164 Resp: 18891

Ion Ratio Lower Upper

164 100

162 100.5 82.8 124.2

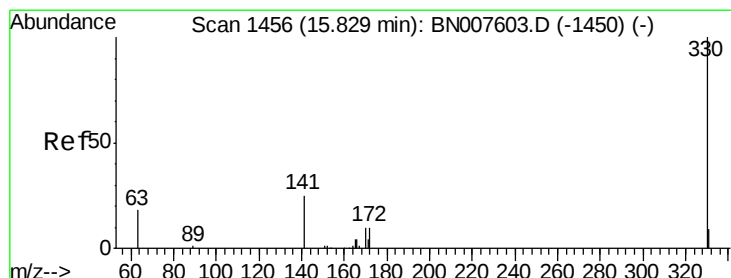
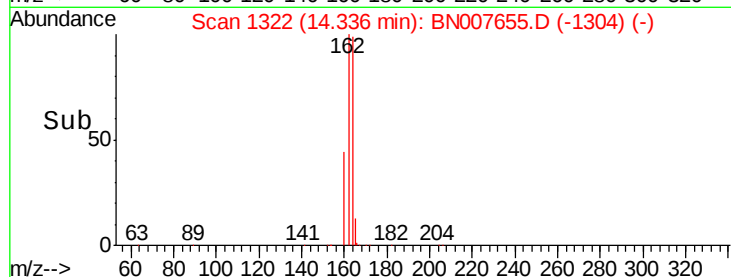
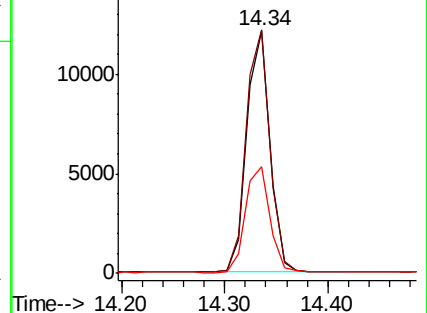
160 44.2 38.0 57.0



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: 0.234 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

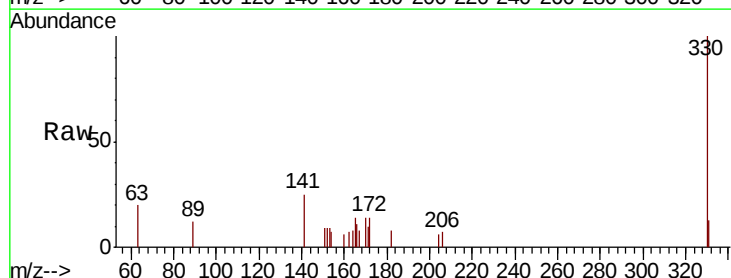
Tgt Ion:330 Resp: 1674

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

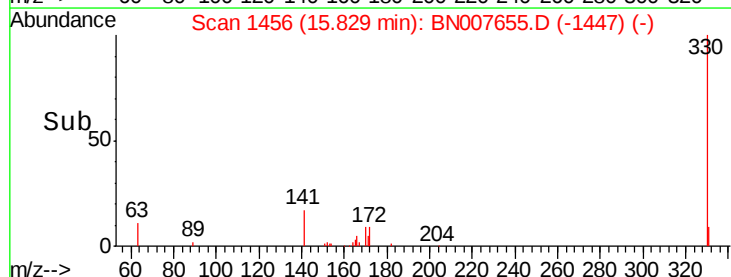
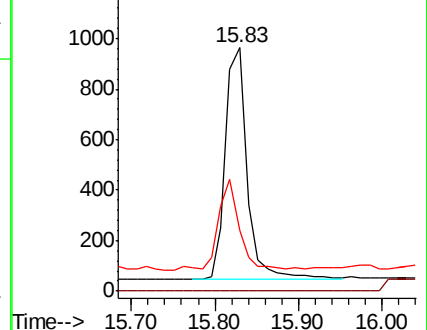
141 38.7 30.1 45.1

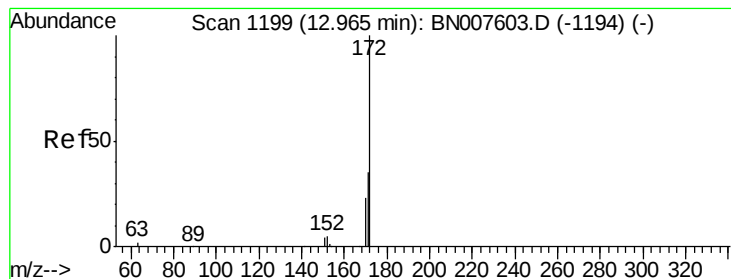


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 12.95 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

Instrument :

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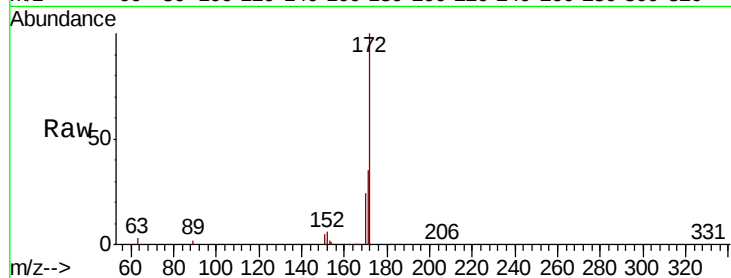
Tot Ion:172 Resp: 31302

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

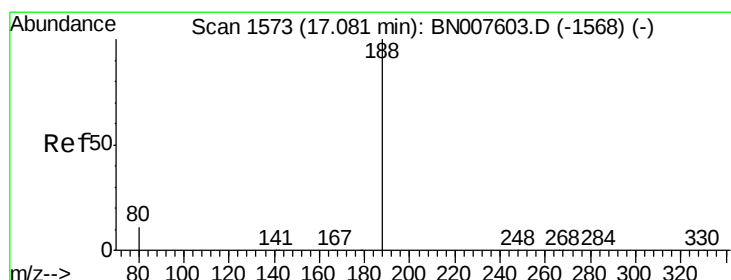
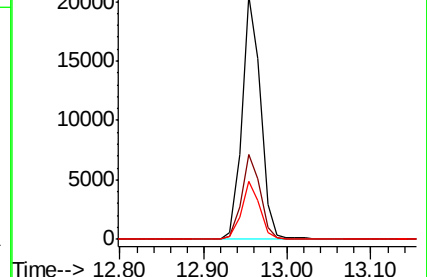
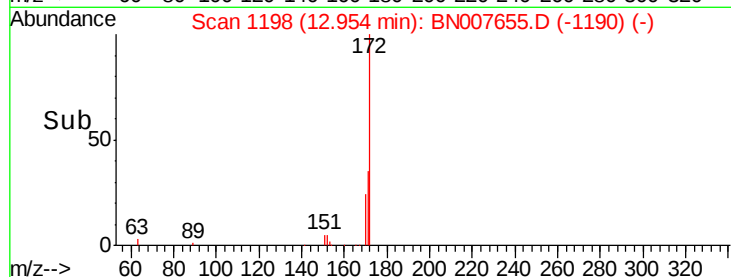
170 23.8 18.5 27.7



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: BN007655.D

Acq: 14 Sep 2019 09:10

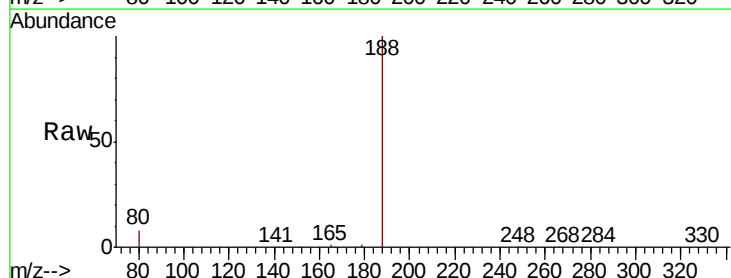
Tgt Ion:188 Resp: 38483

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

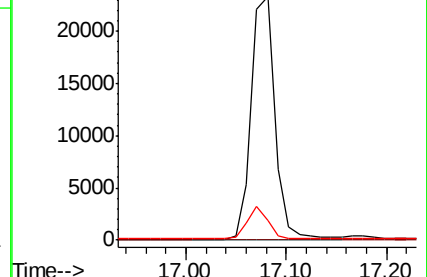
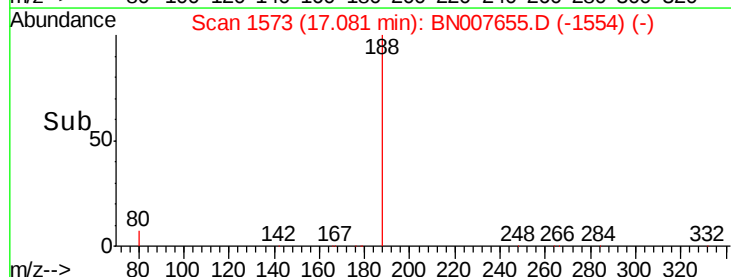
80 7.8 8.8 13.2#

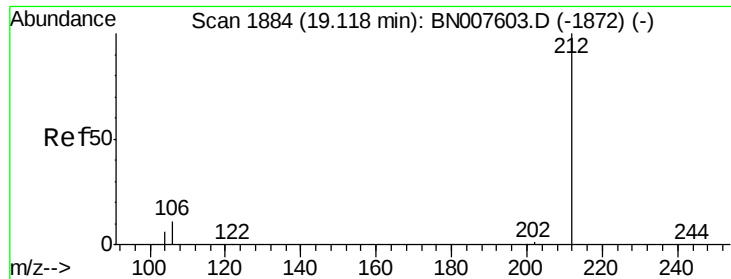


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

Instrument :

BNA_N

ClientSampleId :

RE132D1-20190911

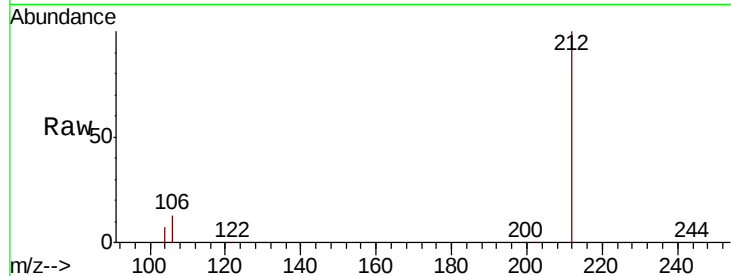
Tot Ion:212 Resp: 47022

Ion Ratio Lower Upper

212 100

106 12.4 9.6 14.4

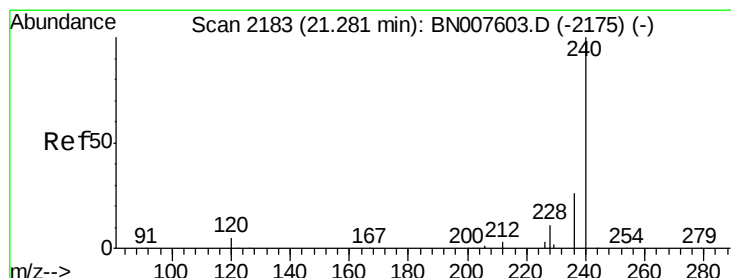
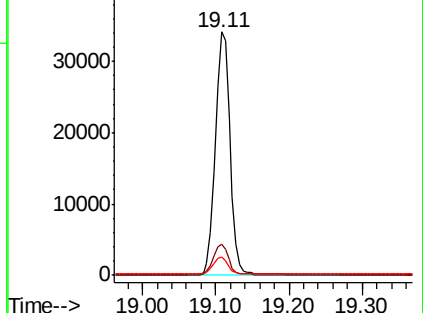
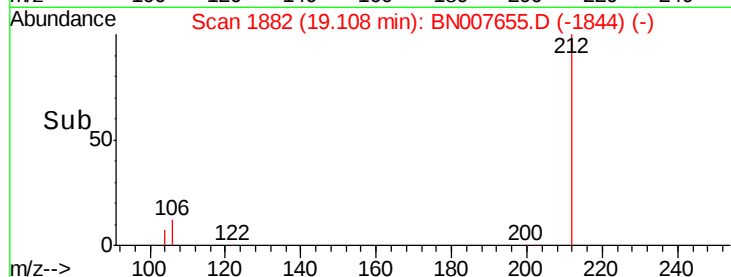
104 7.0 5.4 8.0



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: BN007655.D

Acq: 14 Sep 2019 09:10

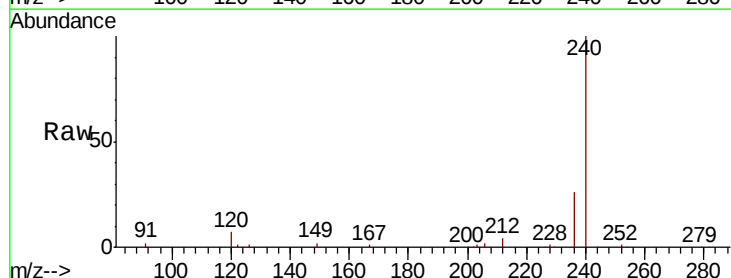
Tgt Ion:240 Resp: 37674

Ion Ratio Lower Upper

240 100

120 7.3 4.3 6.5#

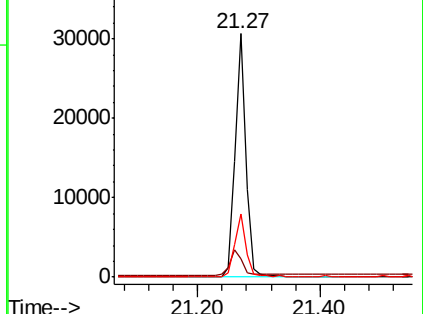
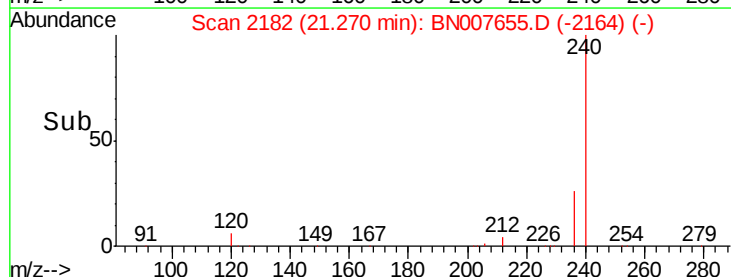
236 26.2 20.8 31.2

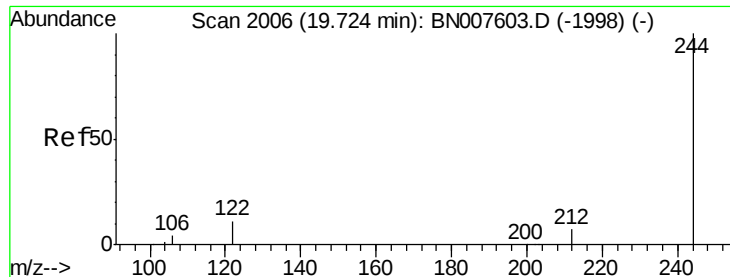


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

Instrument :

BNA_N

ClientSampleId :

RE132D1-20190911

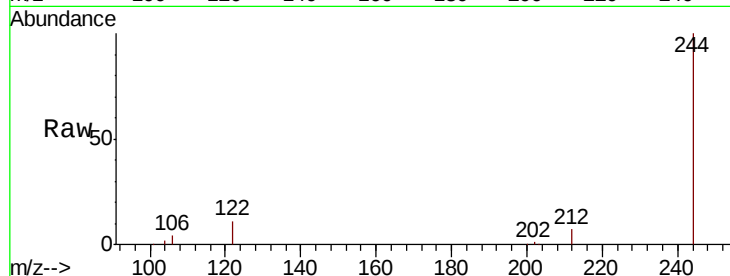
Tot Ion:244 Resp: 39824

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

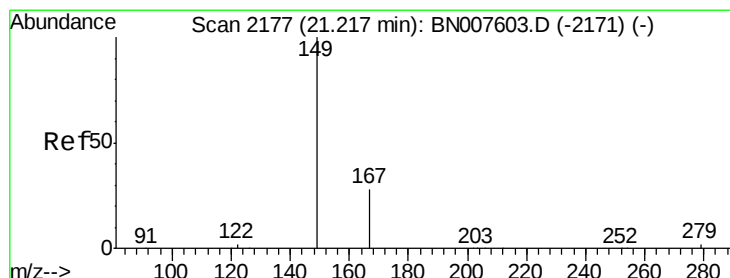
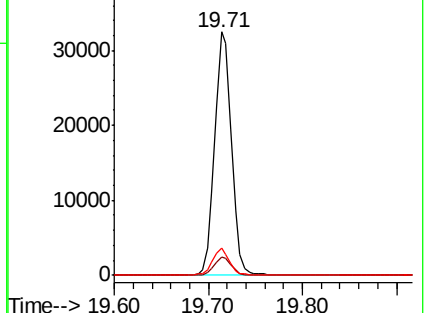
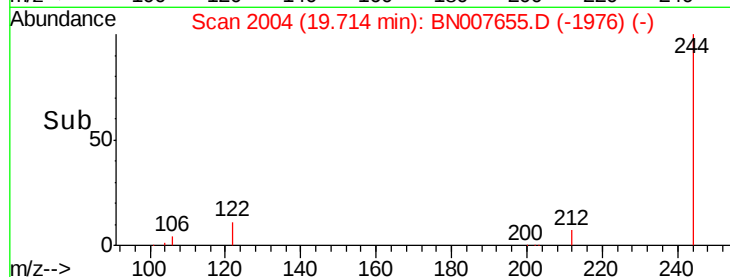
122 11.1 8.6 12.8



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: 0.056 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

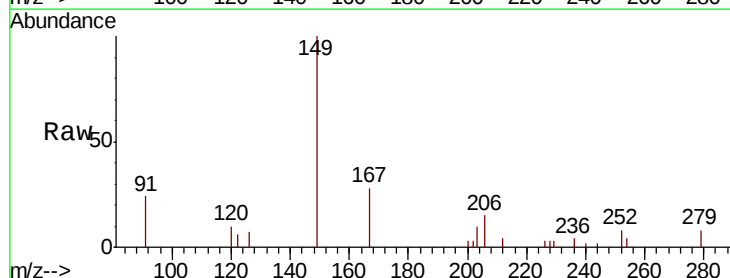
Tgt Ion:149 Resp: 2541

Ion Ratio Lower Upper

149 100

167 26.9 22.6 34.0

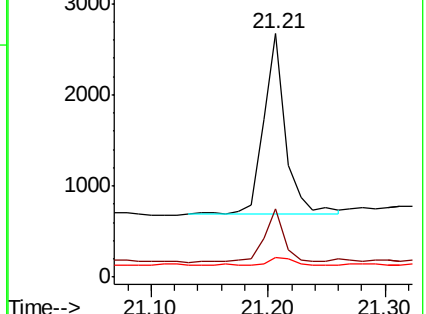
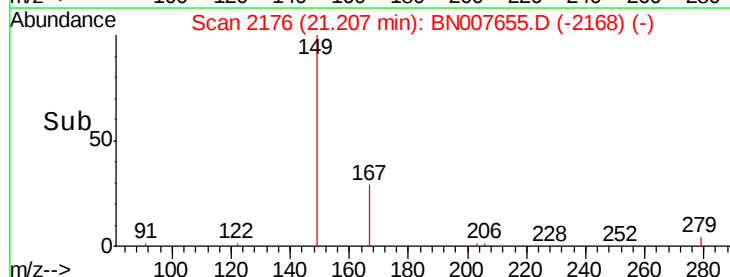
279 5.1 3.8 5.6

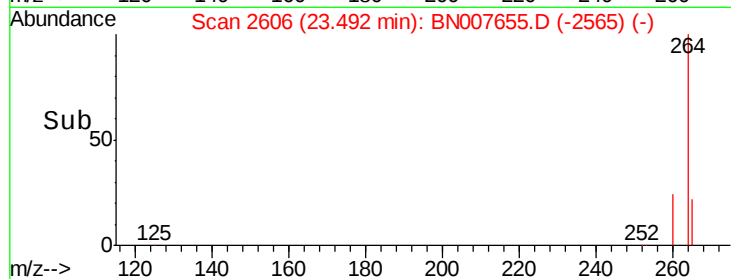
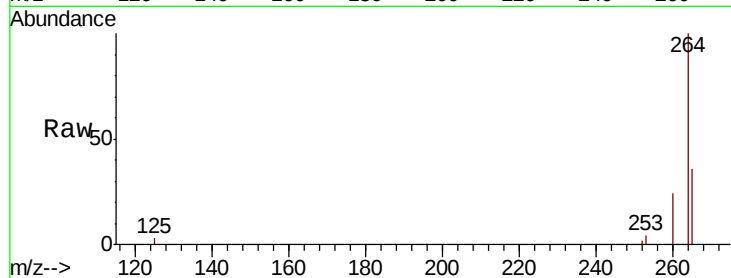
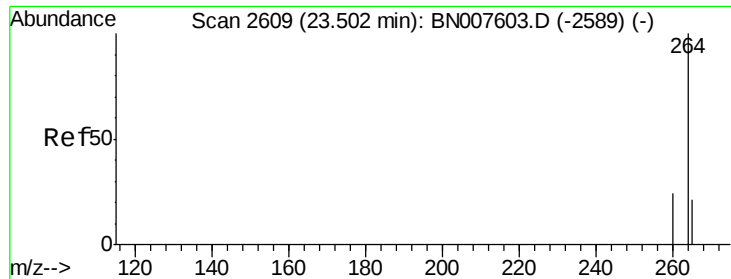


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2606

Delta R.T. -0.01 min

Lab File: BN007655.D

Acq: 14 Sep 2019 09:10

Instrument :

BNA_N

ClientSampleId :

RE132D1-20190911

Tot Ion:264 Resp: 37290

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 36.4 24.6 37.0

