

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007652.D
 Acq On : 14 Sep 2019 07:22
 Operator : HP/JU
 Sample : K4858-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20190910

Quant Time: Sep 16 01:37:47 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

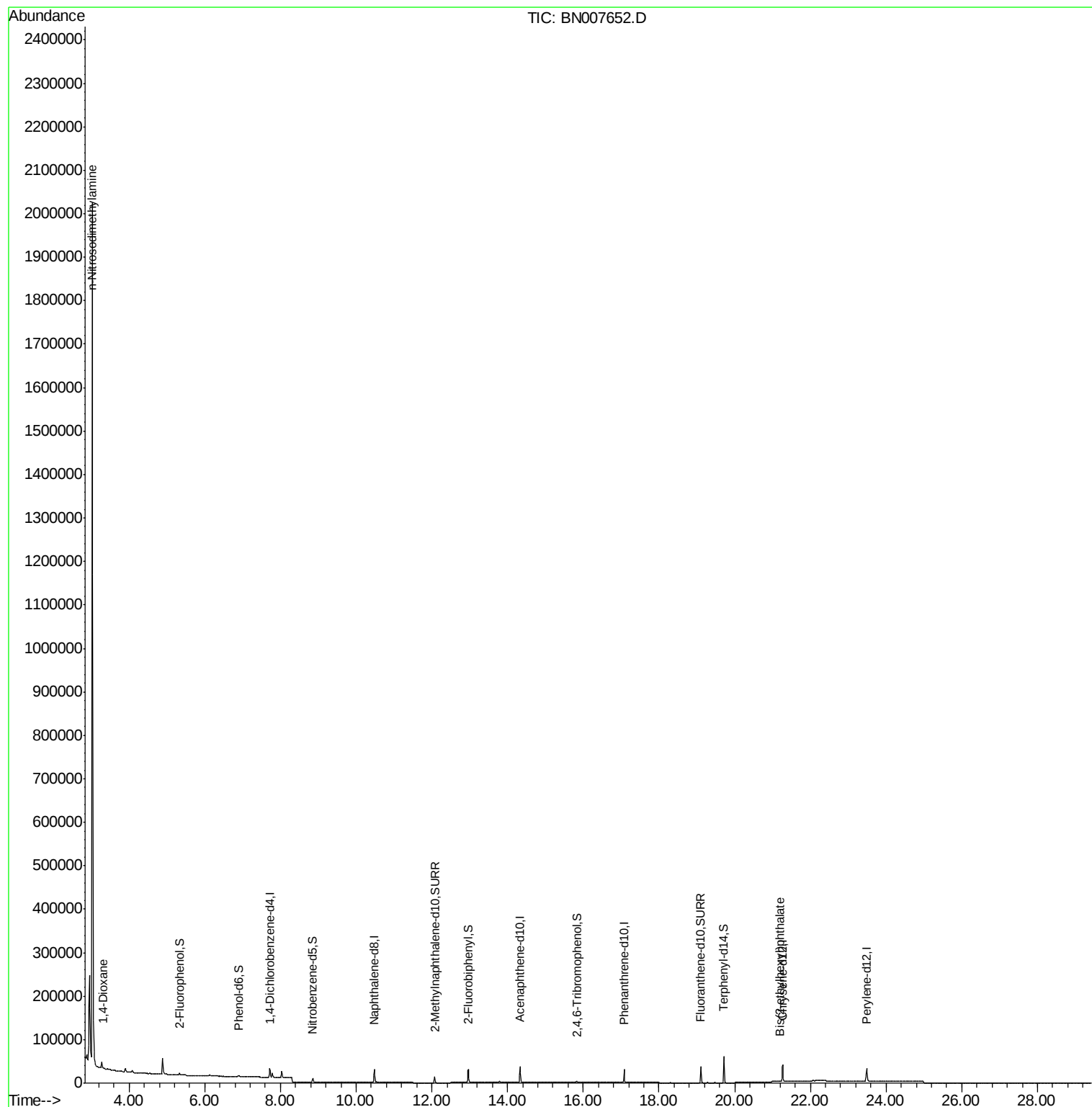
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9789	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	37196	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	20491	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	41018	0.40	ng	0.00
27) Chrysene-d12	21.27	240	39246	0.40	ng	0.00
34) Perylene-d12	23.49	264	39127	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3369	0.11	ng	0.00
5) Phenol-d6	6.89	99	2653	0.08	ng	0.00
8) Nitrobenzene-d5	8.85	82	8556	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	20056	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2663	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	29801	0.33	ng	0.00
25) Fluoranthene-d10	19.11	212	43312	0.33	ng	0.00
29) Terphenyl-d14	19.72	244	60058	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	1020	0.087	ng	# 54
3) n-Nitrosodimethylamine	3.03	42	174471	32.780	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.20	149	1778	0.038	ng	# 97

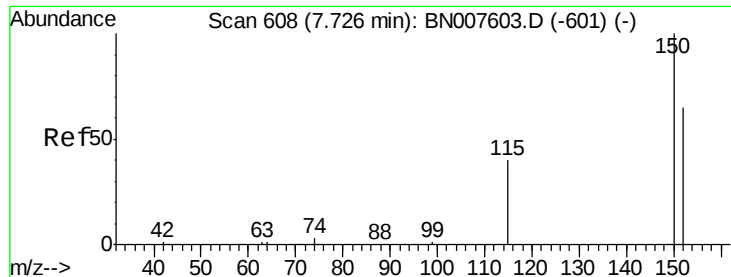
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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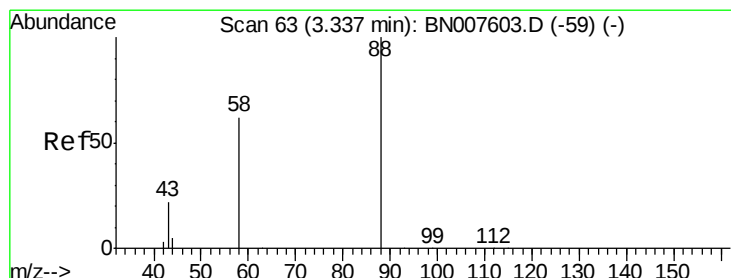
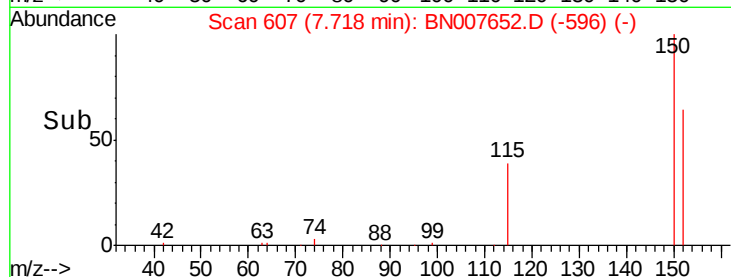
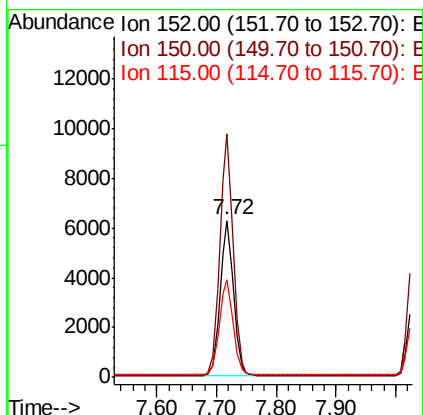
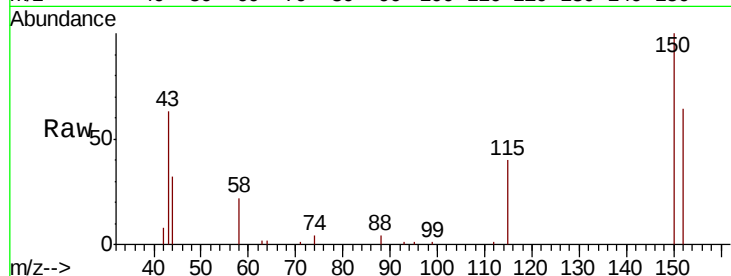


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007652.D
Acq: 14 Sep 2019 07:22

Instrument :
BNA_N
ClientSampleId :
RE135D2-20190910

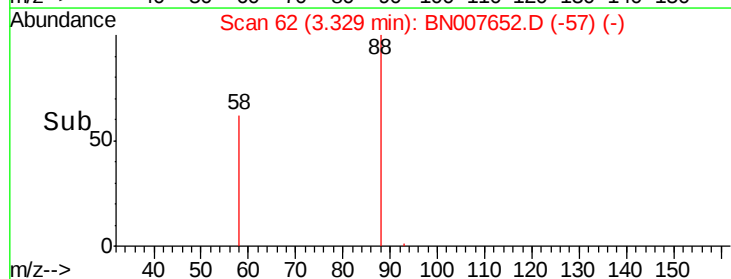
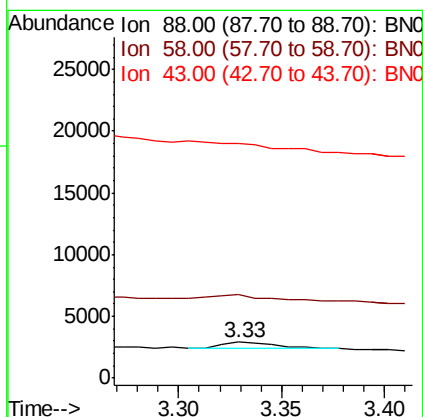
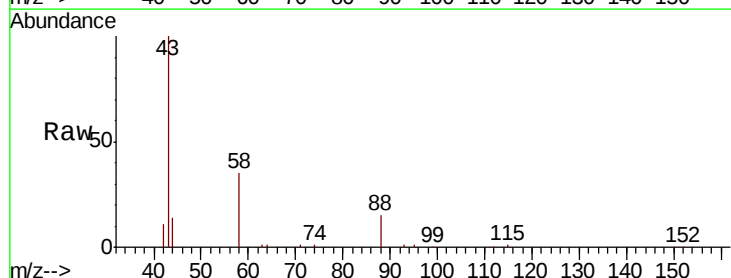
Tot Ion:152 Resp: 9789
Ion Ratio Lower Upper
152 100
150 155.3 122.4 183.6
115 62.4 50.4 75.6

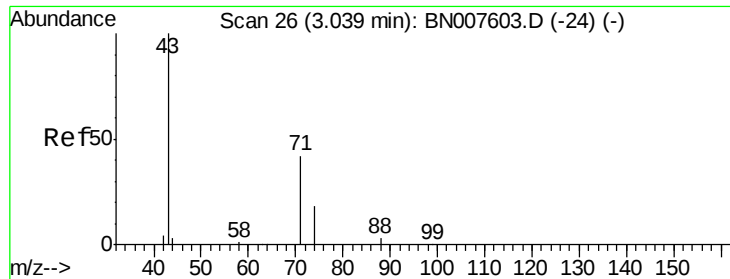


#2

1,4-Dioxane
Concen: 0.087 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007652.D
Acq: 14 Sep 2019 07:22

Tgt Ion: 88 Resp: 1020
Ion Ratio Lower Upper
88 100
58 108.3 57.0 85.4#
43 0.0 20.0 30.0#





#3

n-Nitrosodimethylamine

Concen: 32.780 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

Instrument :

BNA_N

ClientSampleId :

RE135D2-20190910

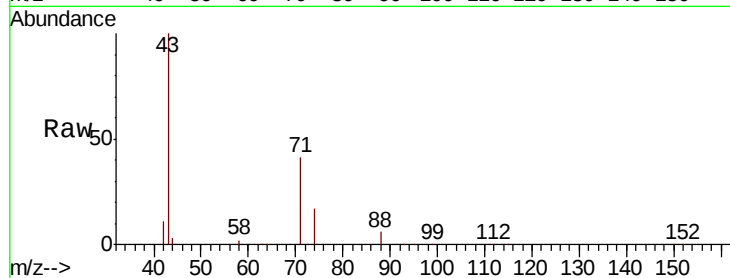
Tot Ion: 42 Resp: 174471

Ion Ratio Lower Upper

42 100

74 144.7 9.8 14.8#

44 26.4 0.0 0.0#

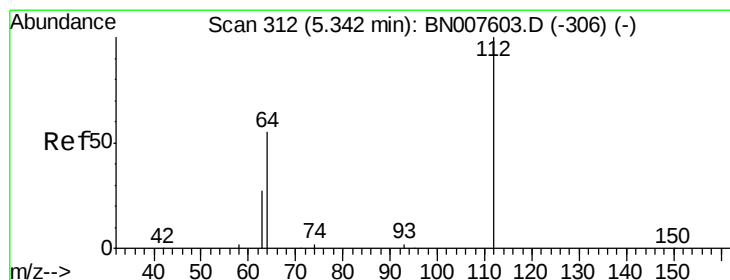
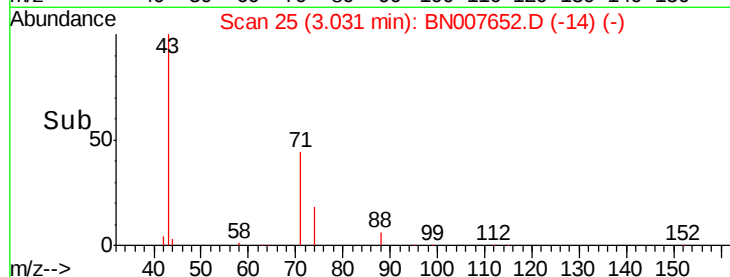
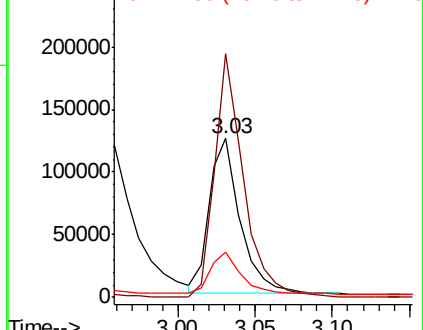


Abundance

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: 0.107 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

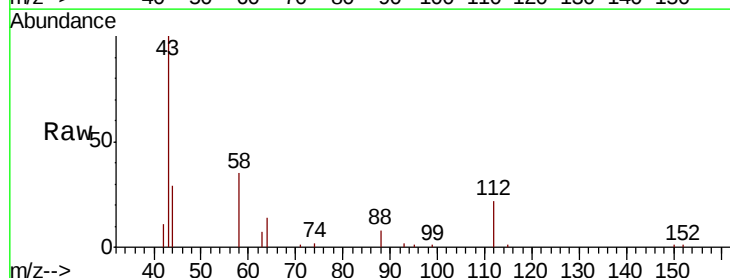
Tgt Ion: 112 Resp: 3369

Ion Ratio Lower Upper

112 100

64 58.1 48.5 72.7

63 30.5 24.4 36.6

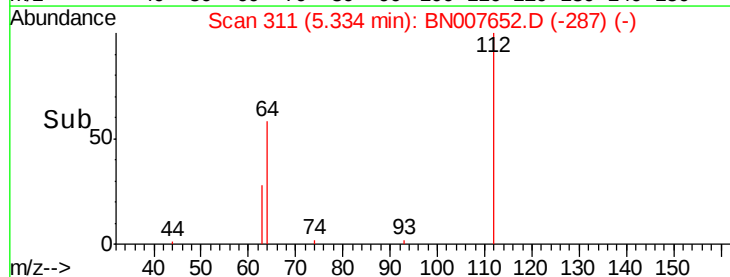
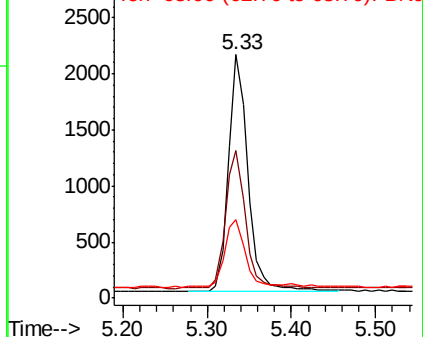


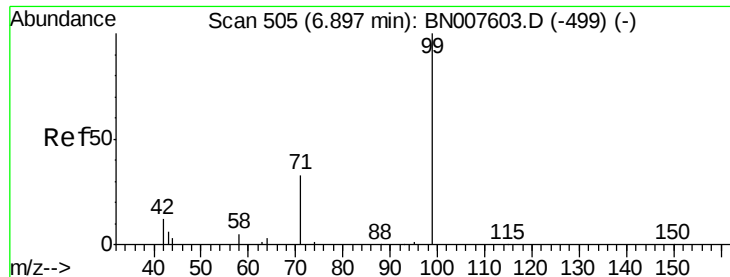
Abundance

Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.076 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

Instrument :

BNA_N

ClientSampleId :

RE135D2-20190910

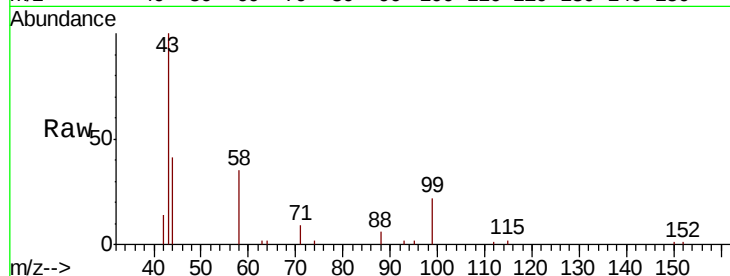
Tot Ion: 99 Resp: 2653

Ion Ratio Lower Upper

99 100

42 19.8 11.8 17.6#

71 39.1 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) (-)

6.89

1500

1000

500

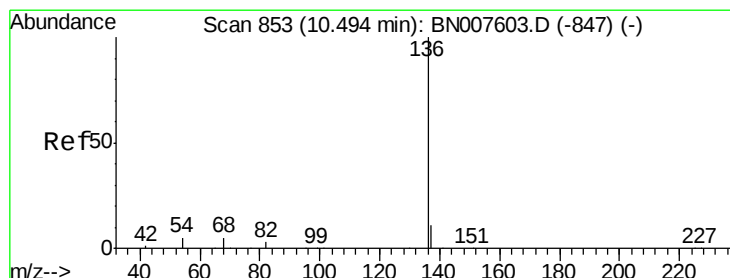
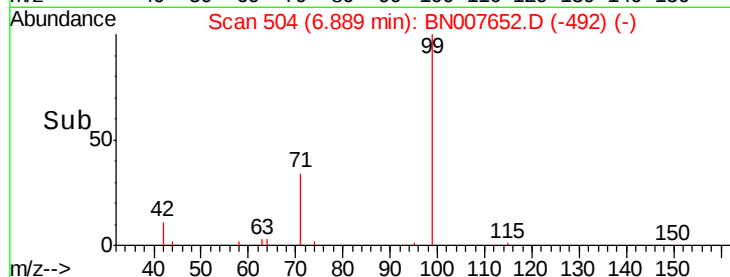
0

6.80

6.90

7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

Tgt Ion: 136 Resp: 37196

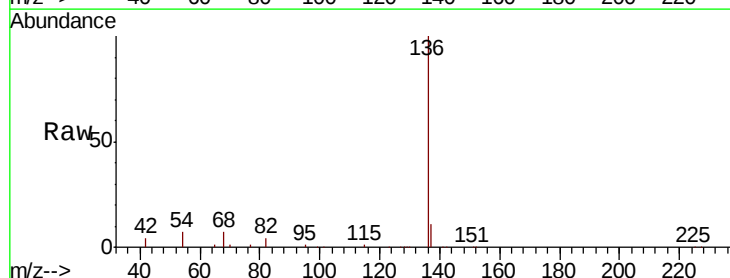
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.7 4.2 6.4#

68 7.3 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) (-)

10.48

30000

20000

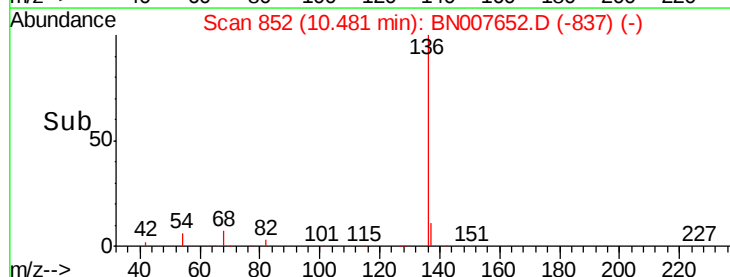
10000

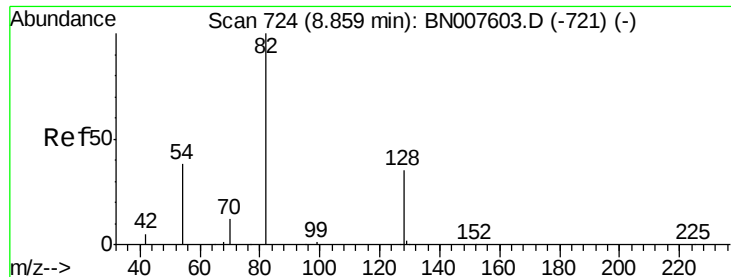
0

10.40

10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.288 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

Instrument :

BNA_N

ClientSampleId :

RE135D2-20190910

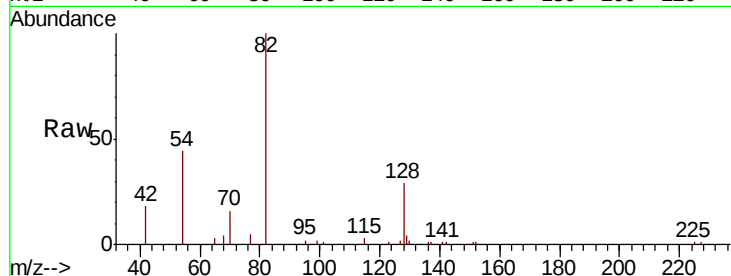
Tot Ion: 82 Resp: 8556

Ion Ratio Lower Upper

82 100

128 29.4 27.9 41.9

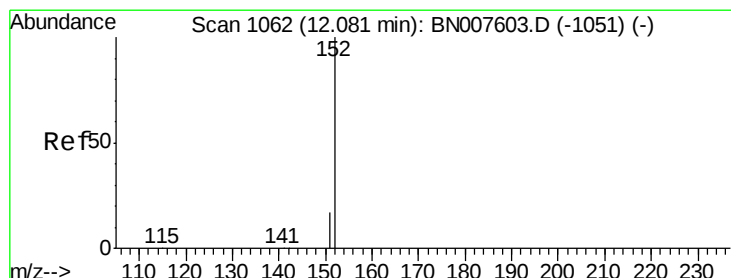
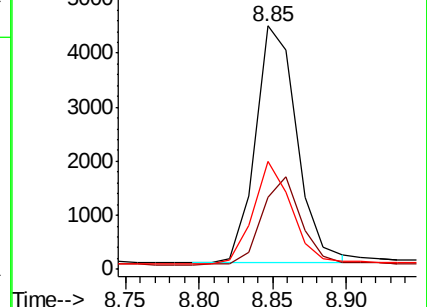
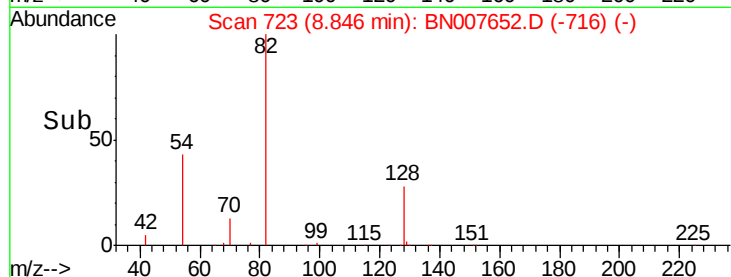
54 44.5 30.9 46.3



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: 0.319 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007652.D

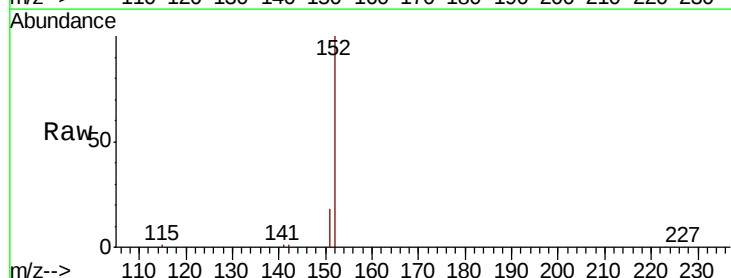
Acq: 14 Sep 2019 07:22

Tgt Ion: 152 Resp: 20056

Ion Ratio Lower Upper

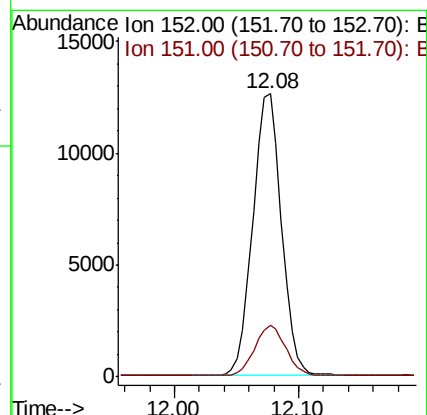
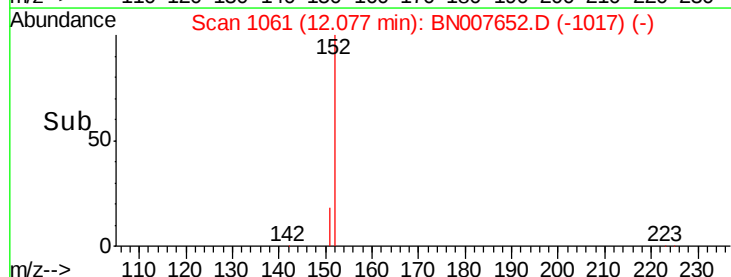
152 100

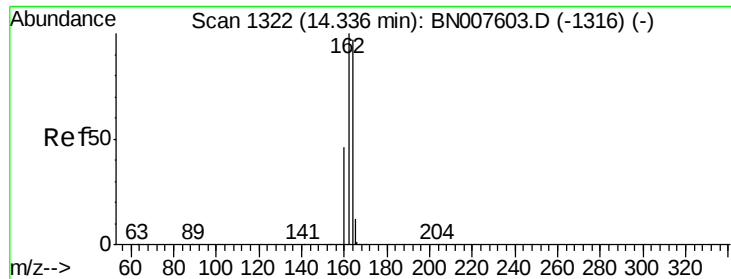
151 19.4 15.3 22.9



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: 14.33 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

Instrument :

BNA_N

ClientSampleId :

RE135D2-20190910

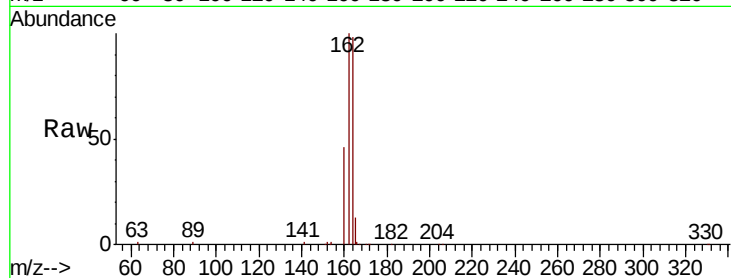
Tot Ion:164 Resp: 20491

Ion Ratio Lower Upper

164 100

162 101.6 82.8 124.2

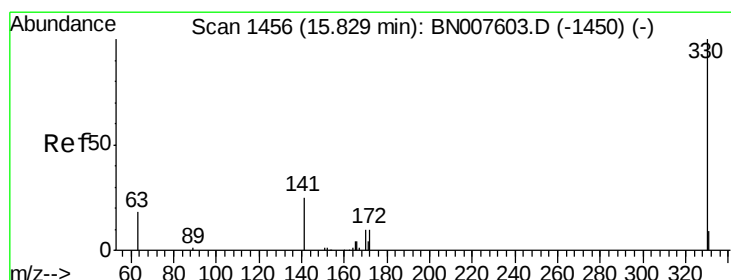
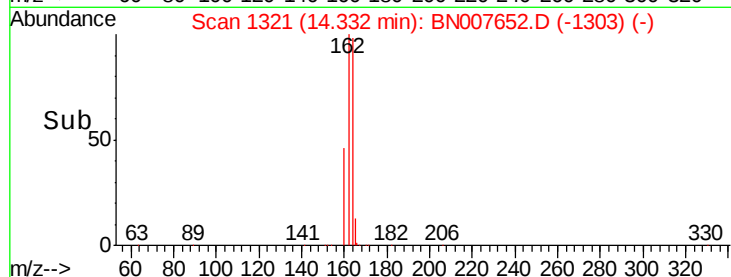
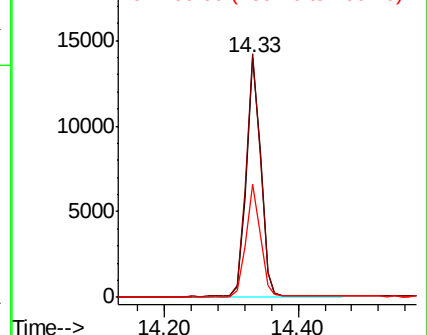
160 47.1 38.0 57.0



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: 0.344 ng

RT: 15.83 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

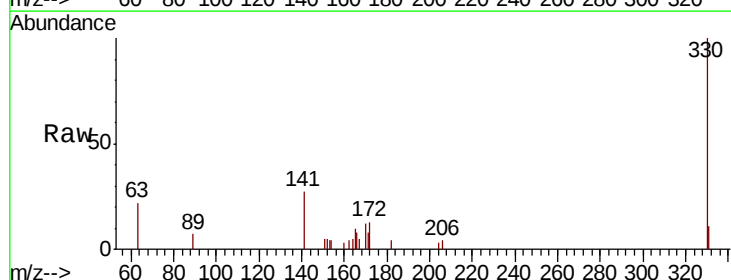
Tgt Ion:330 Resp: 2663

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

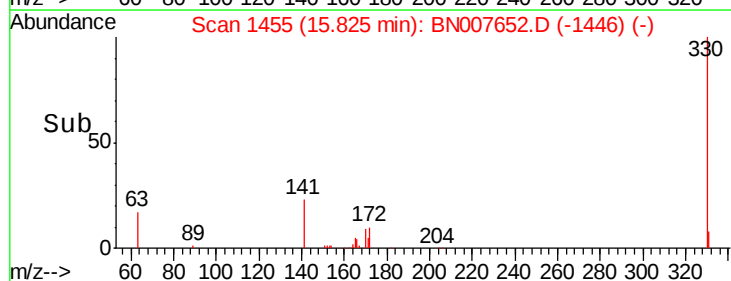
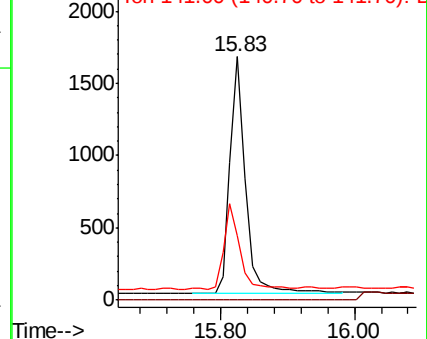
141 37.1 30.1 45.1

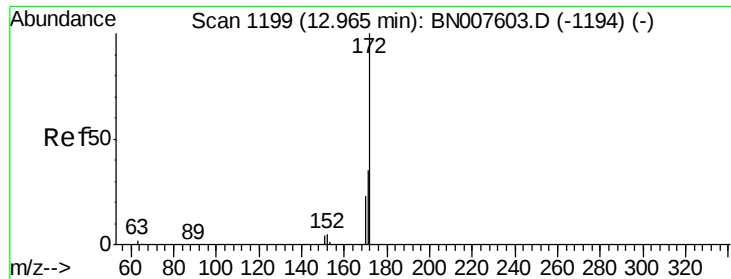


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

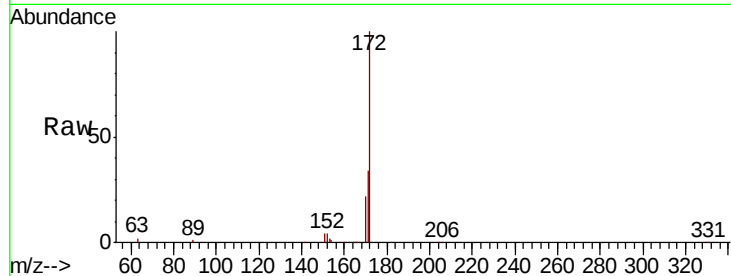




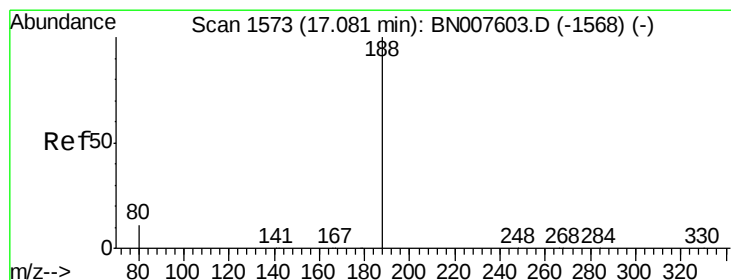
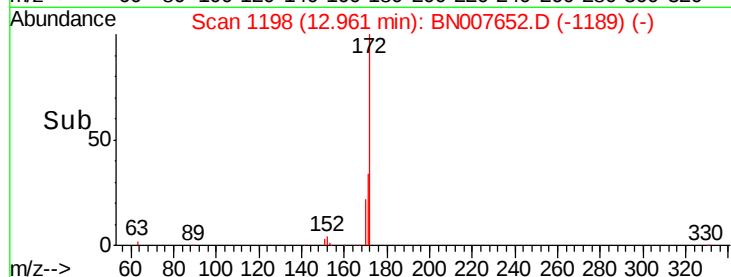
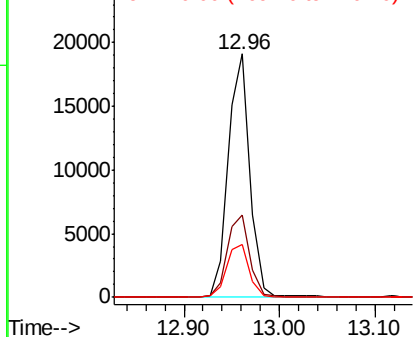
#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007652.D
Acq: 14 Sep 2019 07:22

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Tot Ion:172 Resp: 29801
Ion Ratio Lower Upper
172 100
171 33.9 27.9 41.9
170 21.7 18.5 27.7

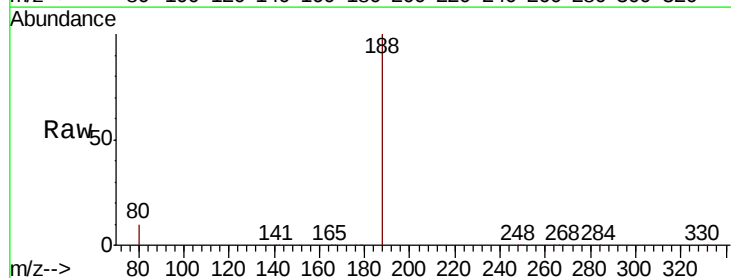


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

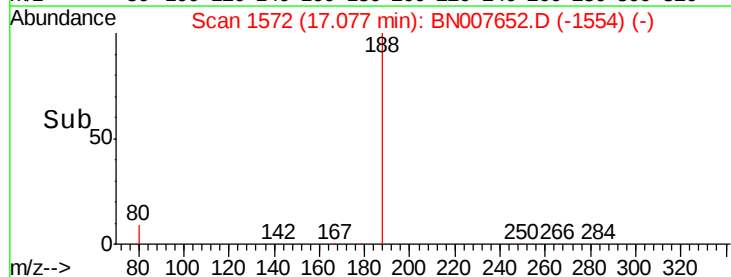
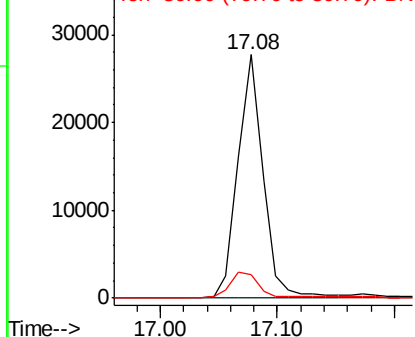


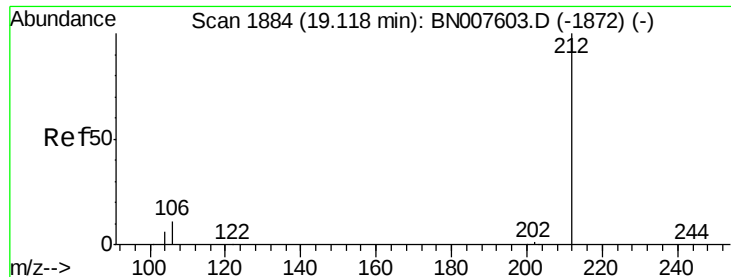
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007652.D
Acq: 14 Sep 2019 07:22

Tgt Ion:188 Resp: 41018
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 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

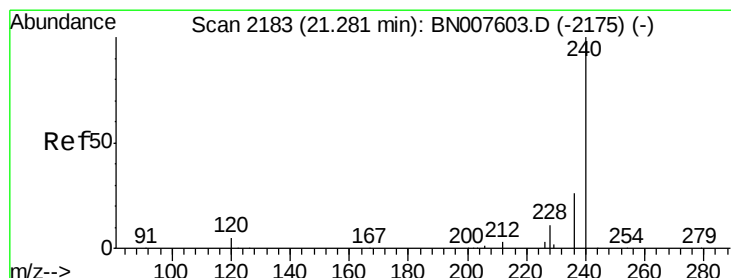
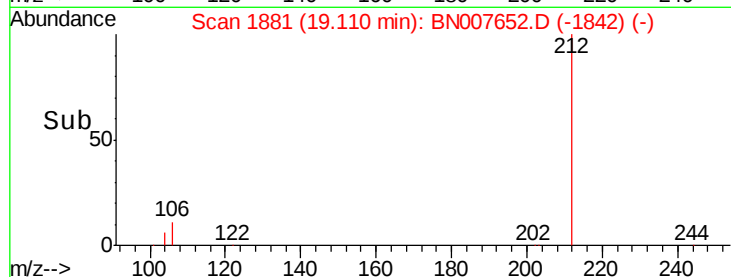
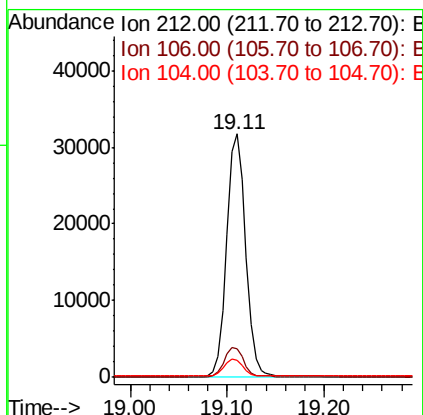
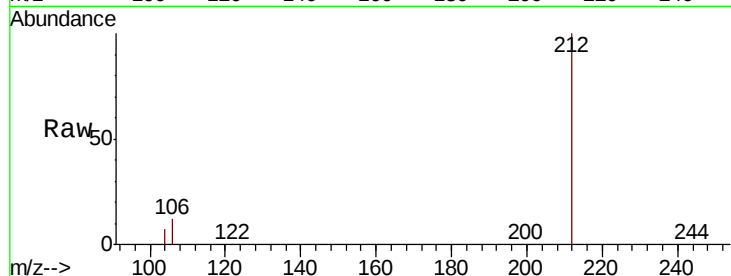




#25
 Fluoranthene-d10
 Concen: 0.335 ng
 RT: 19.11 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BN007652.D
 Acq: 14 Sep 2019 07:22

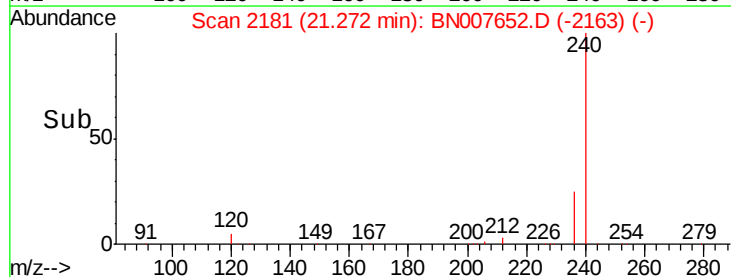
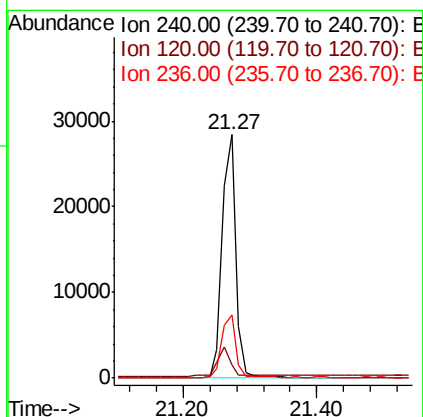
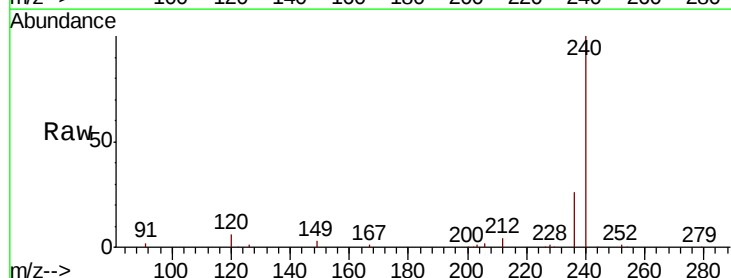
Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20190910

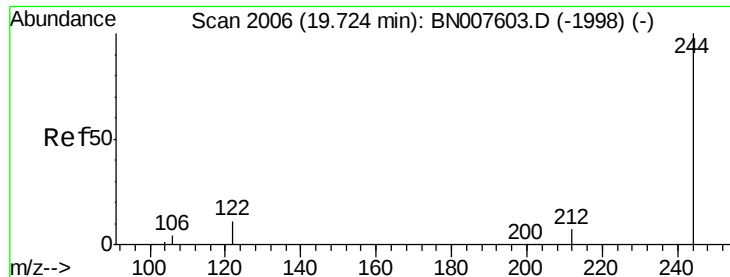
Tot Ion:212 Resp: 43312
 Ion Ratio Lower Upper
 212 100
 106 12.3 9.6 14.4
 104 7.0 5.4 8.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007652.D
 Acq: 14 Sep 2019 07:22

Tgt Ion:240 Resp: 39246
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.3 6.5
 236 25.7 20.8 31.2





#29

Terphenyl-d14

Concen: 0.580 ng

RT: 19.72 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

Instrument :

BNA_N

ClientSampleId :

RE135D2-20190910

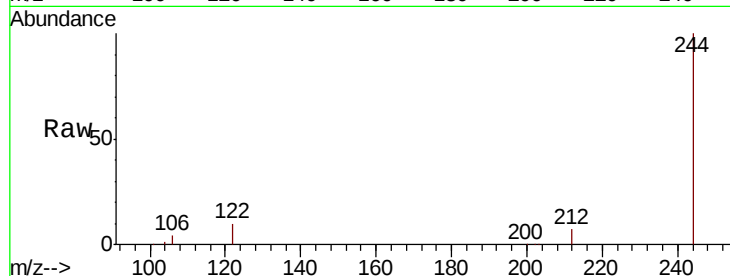
Tot Ion:244 Resp: 60058

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

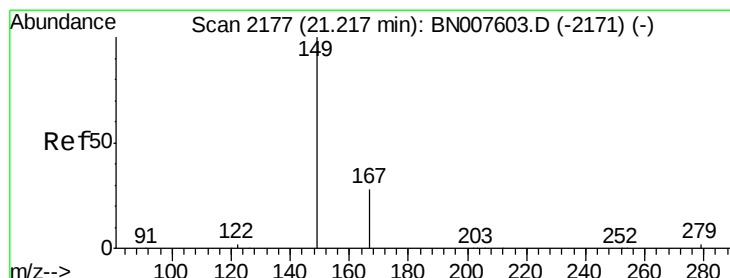
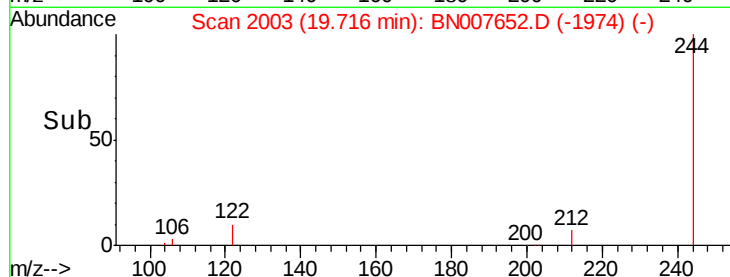
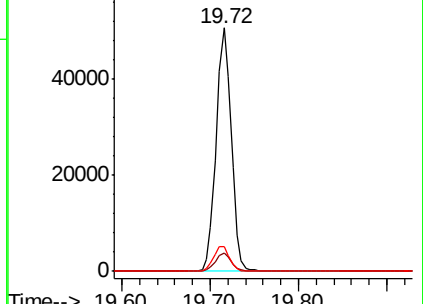
122 9.9 8.6 12.8



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: 0.038 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

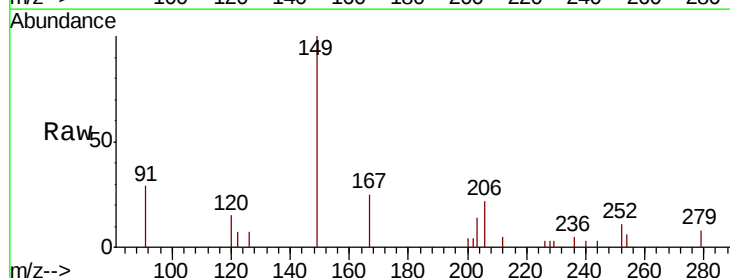
Tgt Ion:149 Resp: 1778

Ion Ratio Lower Upper

149 100

167 27.2 22.6 34.0

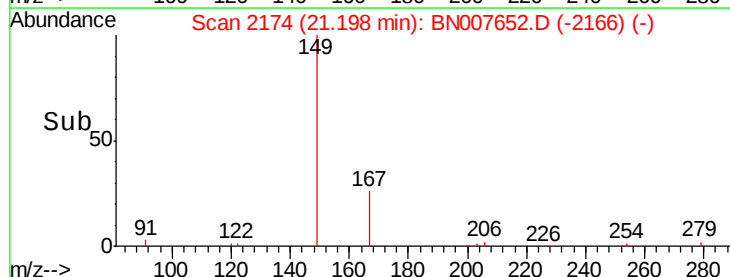
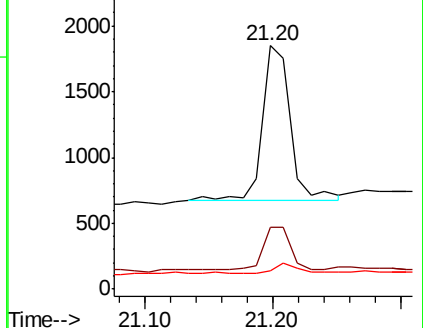
279 6.9 3.8 5.6#

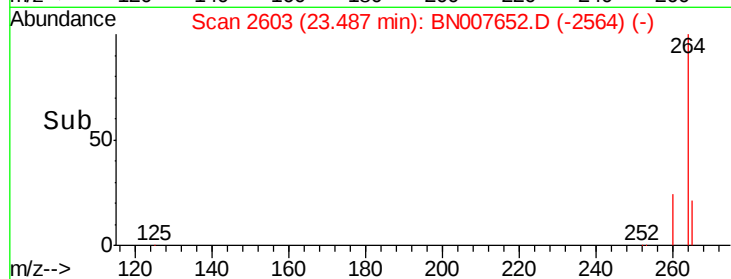
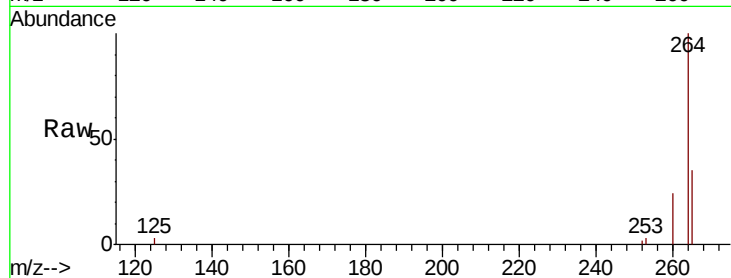
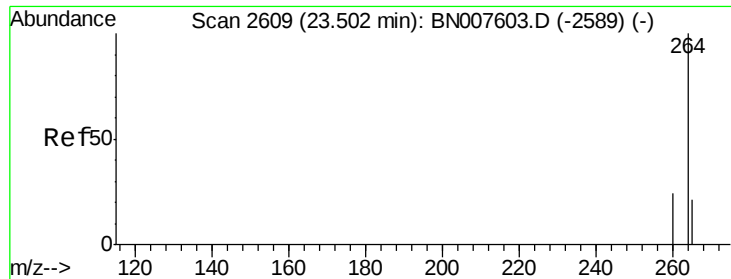


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2603

Delta R.T. -0.02 min

Lab File: BN007652.D

Acq: 14 Sep 2019 07:22

Instrument :

BNA_N

ClientSampleId :

RE135D2-20190910

Tot Ion:264 Resp: 39127

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 35.4 24.6 37.0

