

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007651.D
 Acq On : 14 Sep 2019 06:46
 Operator : HP/JU
 Sample : K4858-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20190910

Quant Time: Sep 16 01:37:41 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

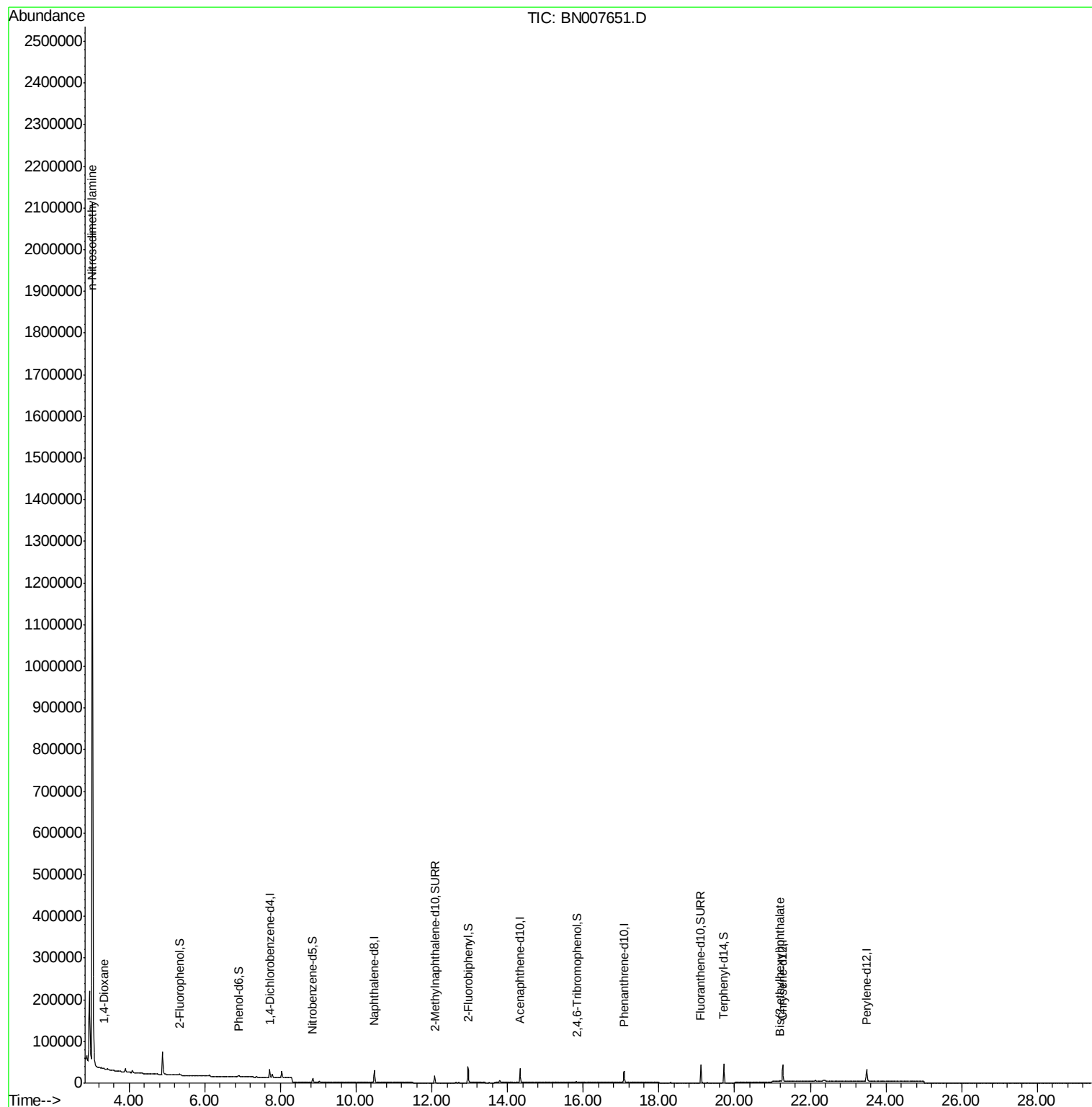
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9435	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	36674	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19941	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	40764	0.40	ng	0.00
27) Chrysene-d12	21.27	240	38366	0.40	ng	-0.01
34) Perylene-d12	23.49	264	37979	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3262	0.11	ng	0.00
5) Phenol-d6	6.89	99	2633	0.08	ng	0.00
8) Nitrobenzene-d5	8.85	82	9247	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	21914	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1995	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	33960	0.39	ng	-0.01
25) Fluoranthene-d10	19.11	212	48237	0.38	ng	-0.01
29) Terphenyl-d14	19.72	244	46168	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	2130	0.188	ng	# 72
3) n-Nitrosodimethylamine	3.03	42	178413	34.778	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	2495	0.054	ng	99

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

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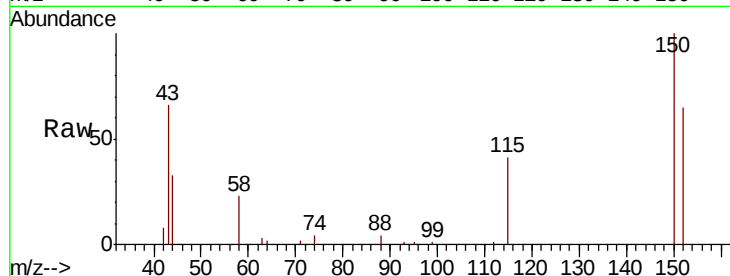


#1

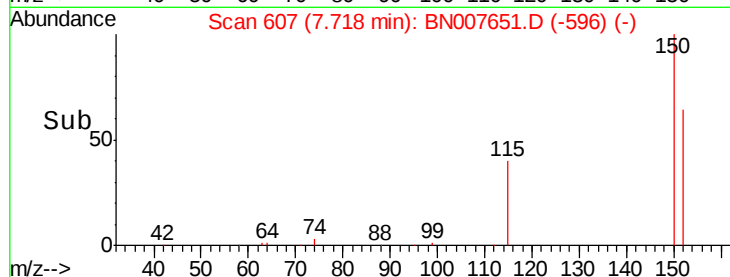
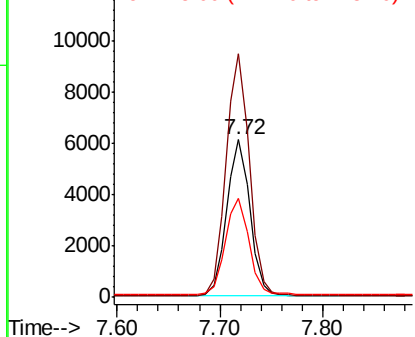
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007651.D
Acq: 14 Sep 2019 06:46

Instrument :
BNA_N
ClientSampleId :
RE135D1-20190910

Tot Ion:152 Resp: 9435
Ion Ratio Lower Upper
152 100
150 154.7 122.4 183.6
115 63.0 50.4 75.6



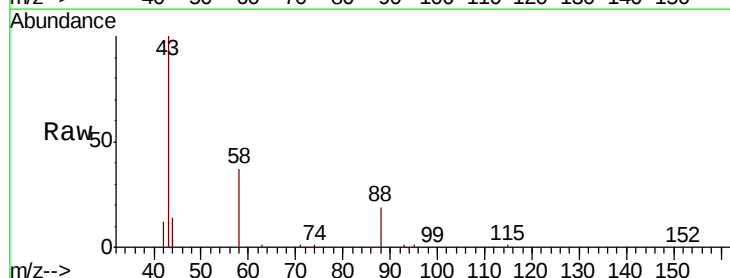
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



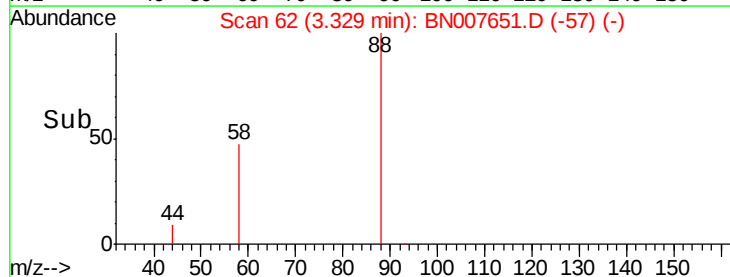
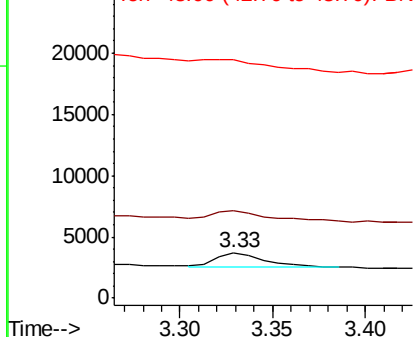
#2

1,4-Dioxane
Concen: 0.188 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007651.D
Acq: 14 Sep 2019 06:46

Tgt Ion: 88 Resp: 2130
Ion Ratio Lower Upper
88 100
58 88.1 57.0 85.4#
43 0.0 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: 34.778 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007651.D

Acq: 14 Sep 2019 06:46

Instrument :

BNA_N

ClientSampleId :

RE135D1-20190910

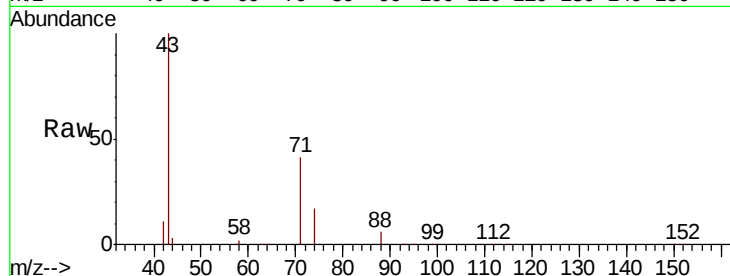
Tot Ion: 42 Resp: 178413

Ion Ratio Lower Upper

42 100

74 145.7 9.8 14.8#

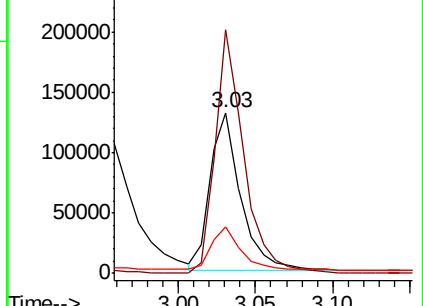
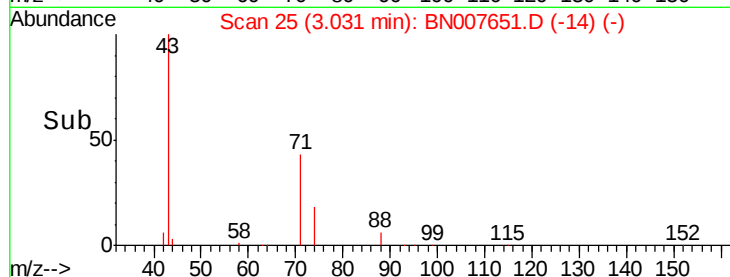
44 26.4 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007603.D (-24) (-)

Ion 74.00 (73.70 to 74.70): BN007603.D (-24) (-)

Ion 44.00 (43.70 to 44.70): BN007603.D (-24) (-)



#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007651.D

Acq: 14 Sep 2019 06:46

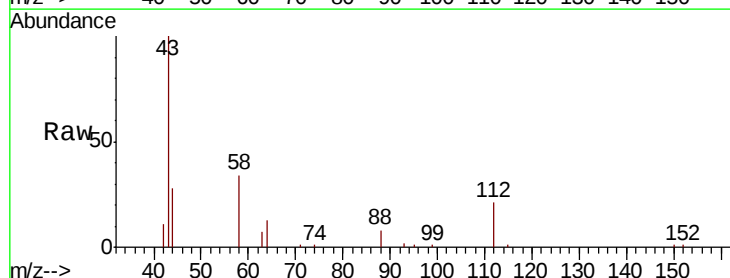
Tgt Ion: 112 Resp: 3262

Ion Ratio Lower Upper

112 100

64 62.5 48.5 72.7

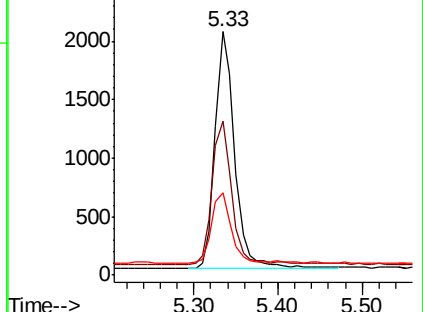
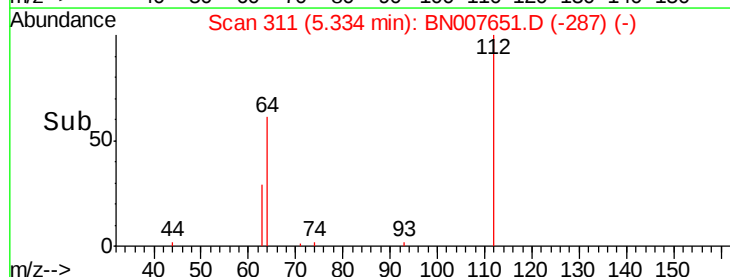
63 29.9 24.4 36.6

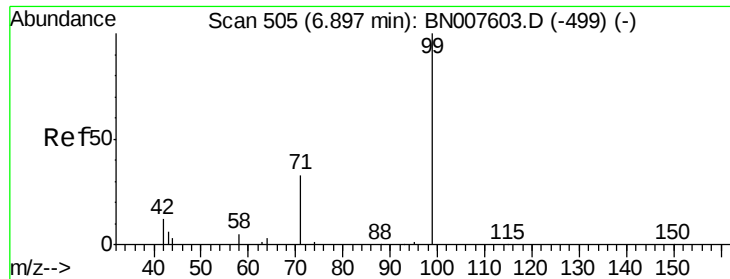


Abundance Ion 112.00 (111.70 to 112.70): BN007603.D (-306) (-)

Ion 64.00 (63.70 to 64.70): BN007603.D (-306) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-306) (-)





#5

Phenol-d6

Concen: 0.078 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007651.D

Acq: 14 Sep 2019 06:46

Instrument :

BNA_N

ClientSampleId :

RE135D1-20190910

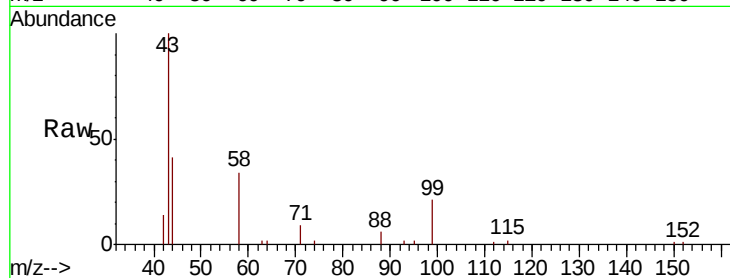
Tot Ion: 99 Resp: 2633

Ion Ratio Lower Upper

99 100

42 21.9 11.8 17.6#

71 39.9 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

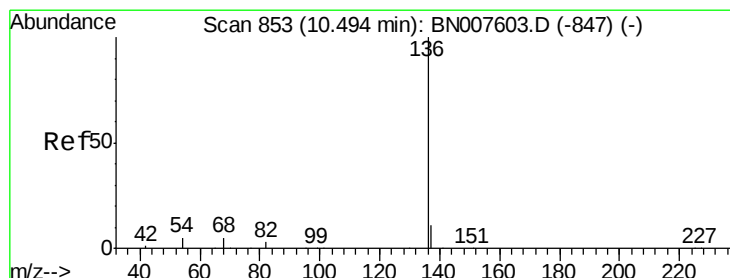
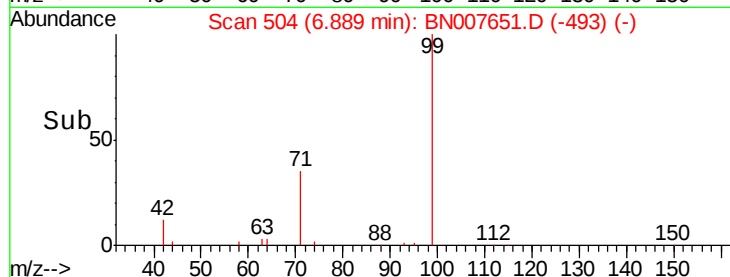
1000

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: BN007651.D

Acq: 14 Sep 2019 06:46

Tgt Ion: 136 Resp: 36674

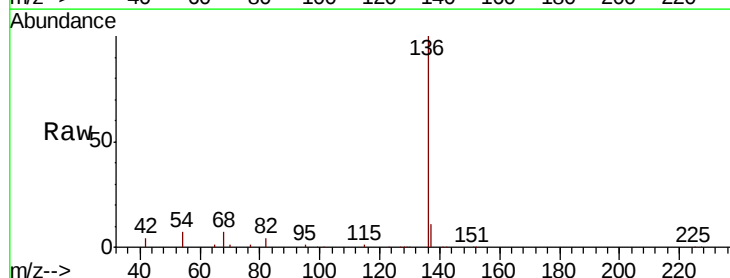
Ion Ratio Lower Upper

136 100

137 11.0 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

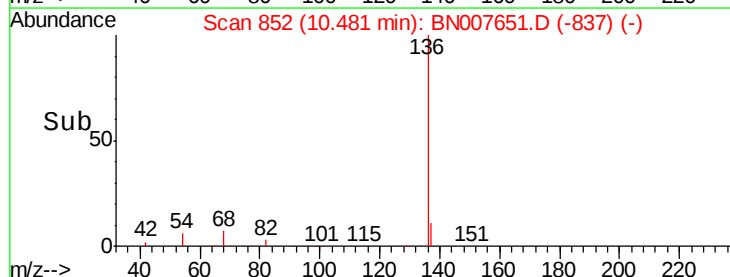
20000

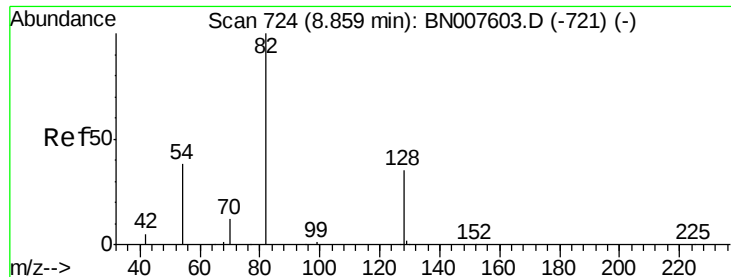
10000

0

10.40 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.316 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007651.D

Acq: 14 Sep 2019 06:46

Instrument :

BNA_N

ClientSampleId :

RE135D1-20190910

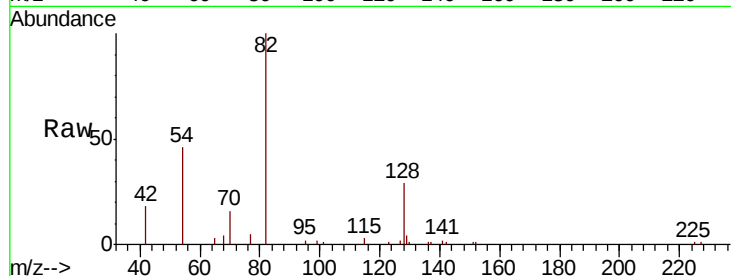
Tot Ion: 82 Resp: 9247

Ion Ratio Lower Upper

82 100

128 29.0 27.9 41.9

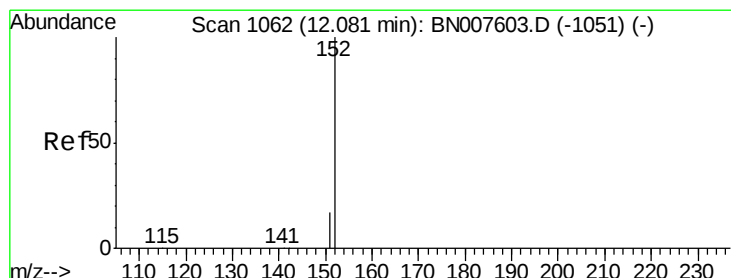
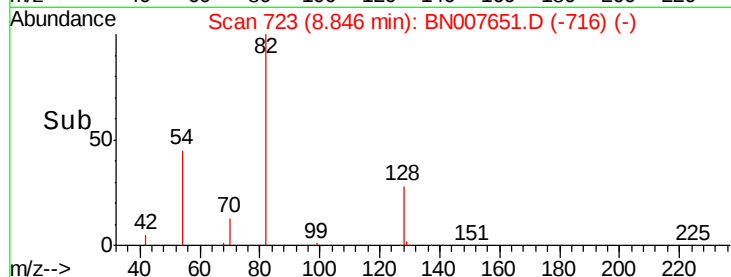
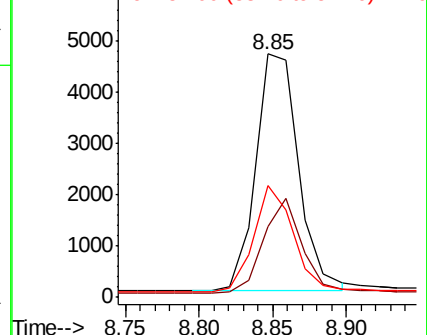
54 45.7 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007651.D

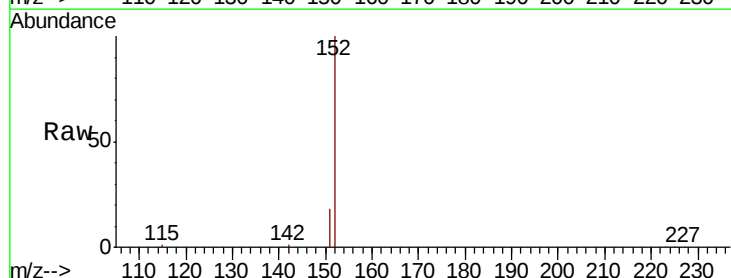
Acq: 14 Sep 2019 06:46

Tgt Ion: 152 Resp: 21914

Ion Ratio Lower Upper

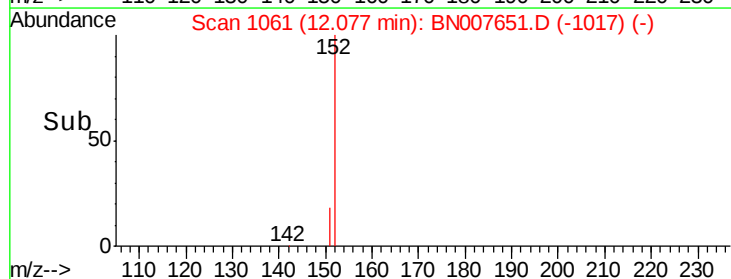
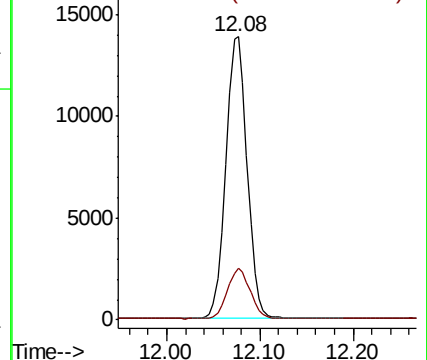
152 100

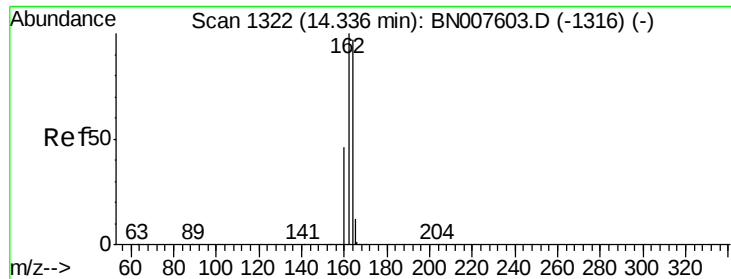
151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007651.D

Acq: 14 Sep 2019 06:46

Instrument :

BNA_N

ClientSampleId :

RE135D1-20190910

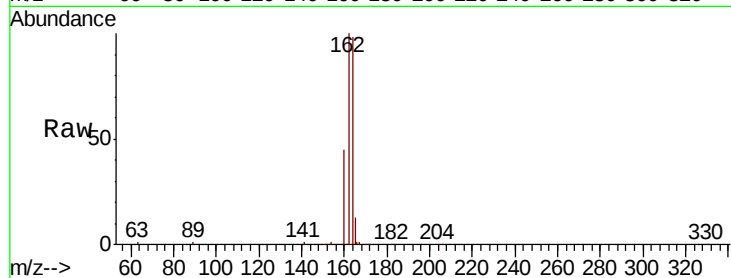
Tot Ion:164 Resp: 19941

Ion Ratio Lower Upper

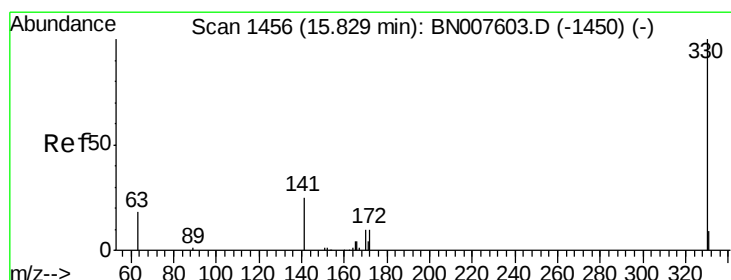
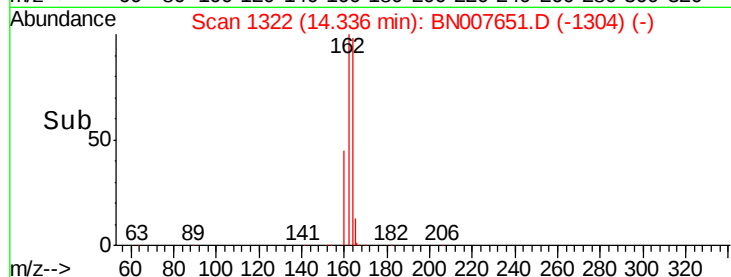
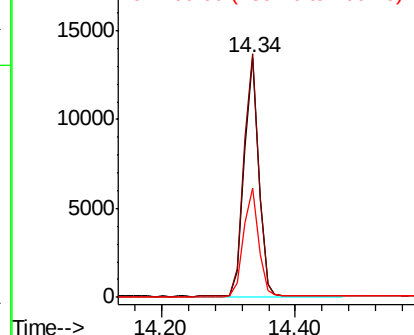
164 100

162 101.8 82.8 124.2

160 45.9 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: 0.265 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007651.D

Acq: 14 Sep 2019 06:46

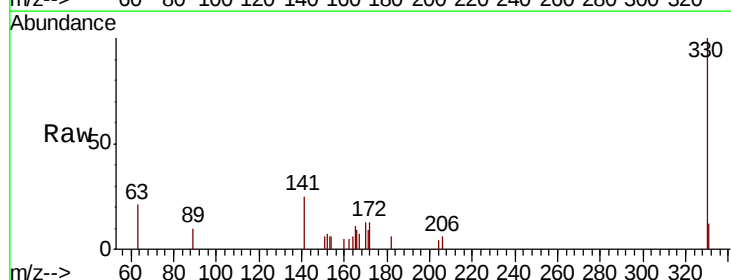
Tgt Ion:330 Resp: 1995

Ion Ratio Lower Upper

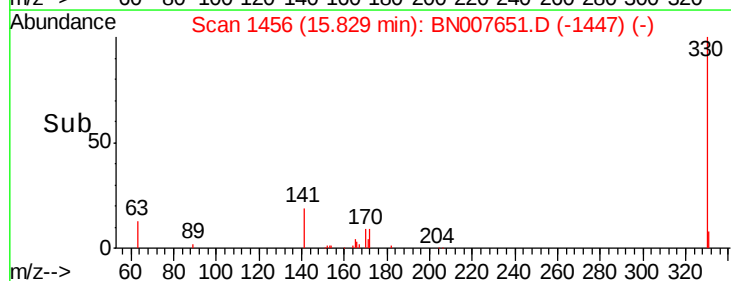
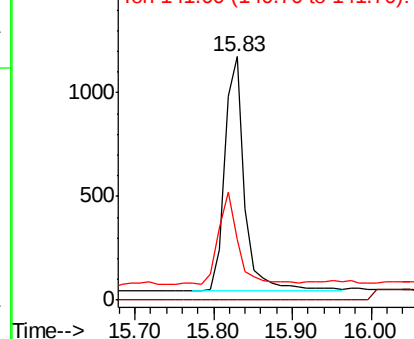
330 100

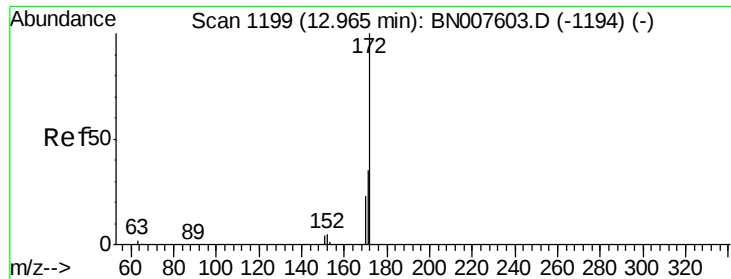
332 0.0 0.0 0.0

141 37.5 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

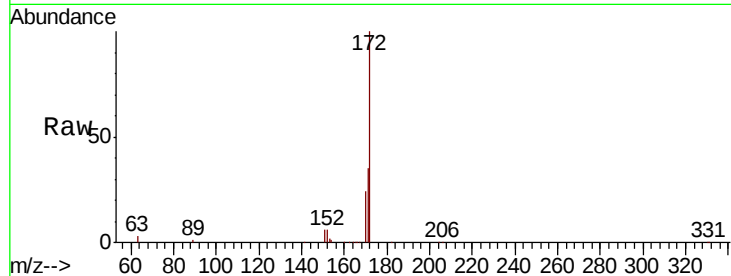




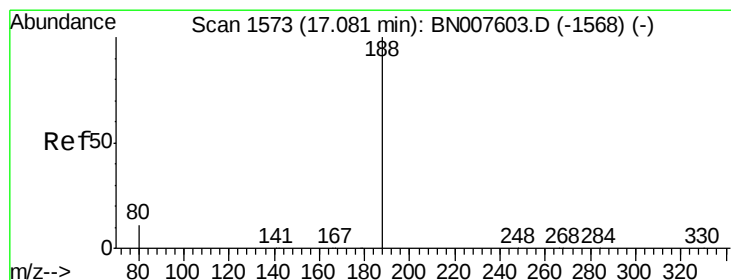
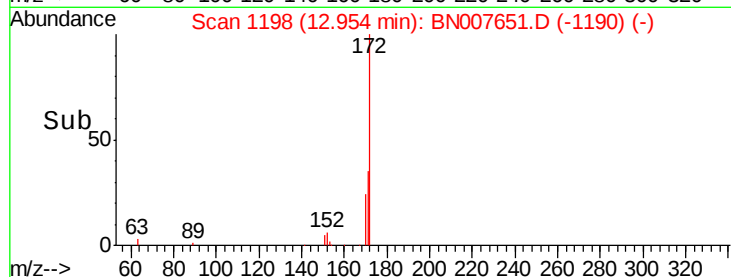
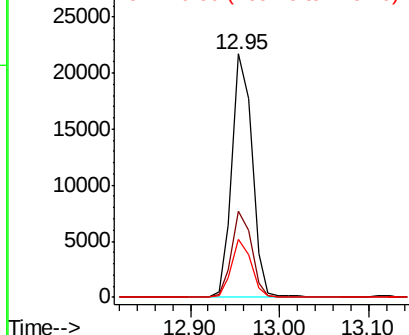
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.95 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BN007651.D
Acq: 14 Sep 2019 06:46

Instrument :
BNA_N
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Tot Ion:172 Resp: 33960
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.7 18.5 27.7

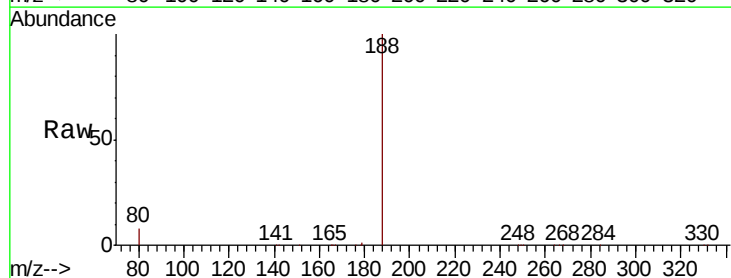


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

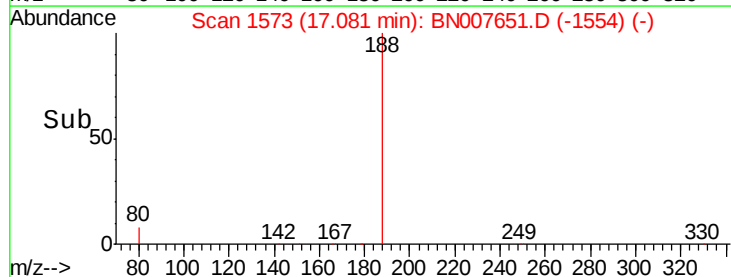
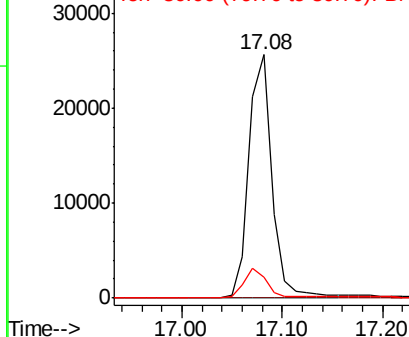


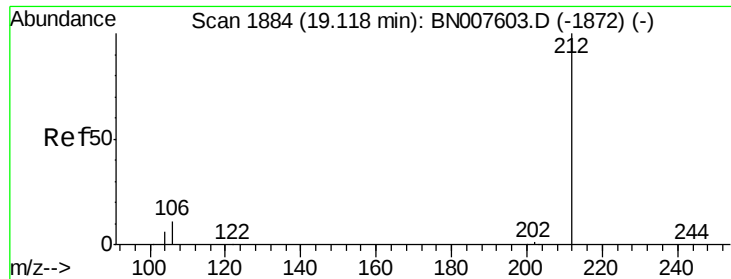
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007651.D
Acq: 14 Sep 2019 06:46

Tgt Ion:188 Resp: 40764
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 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

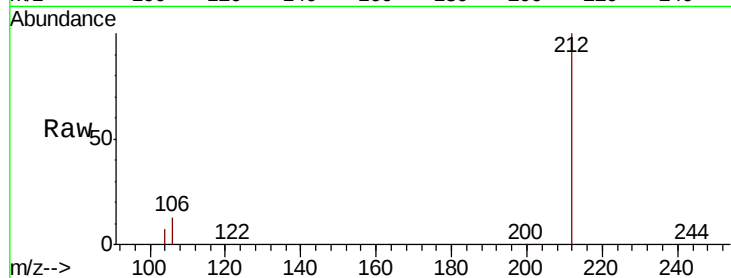




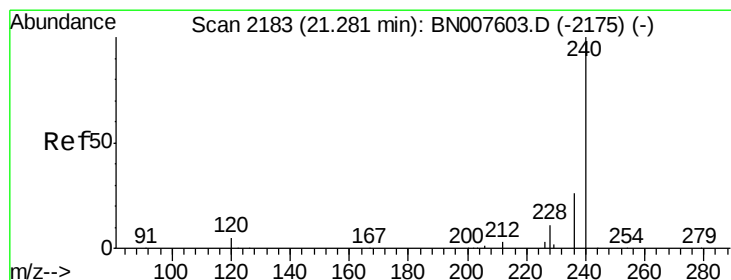
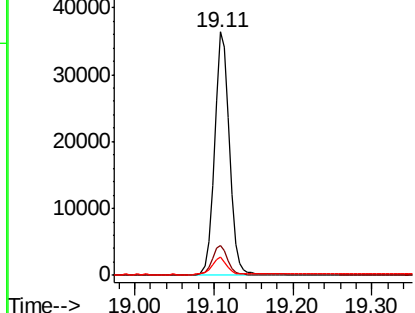
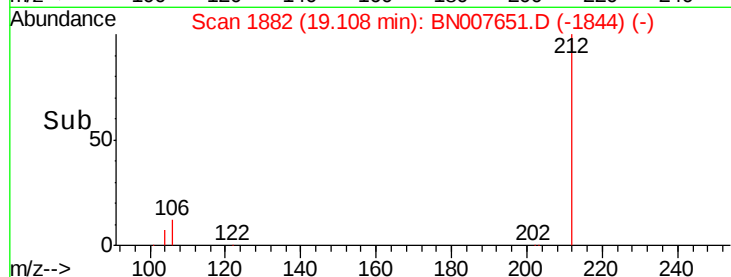
#25
 Fluoranthene-d10
 Concen: 0.375 ng
 RT: 19.11 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BN007651.D
 Acq: 14 Sep 2019 06:46

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20190910

Tot Ion:212 Resp: 48237
 Ion Ratio Lower Upper
 212 100
 106 12.2 9.6 14.4
 104 6.9 5.4 8.0

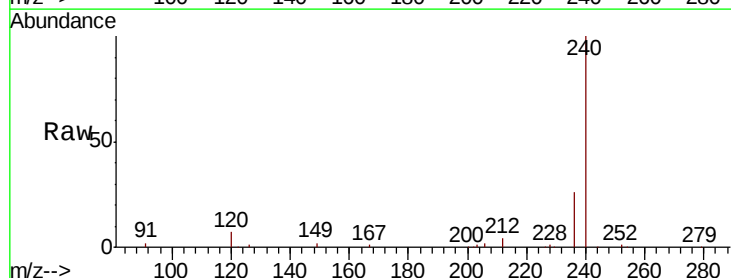


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

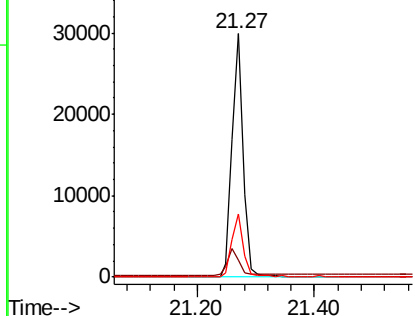
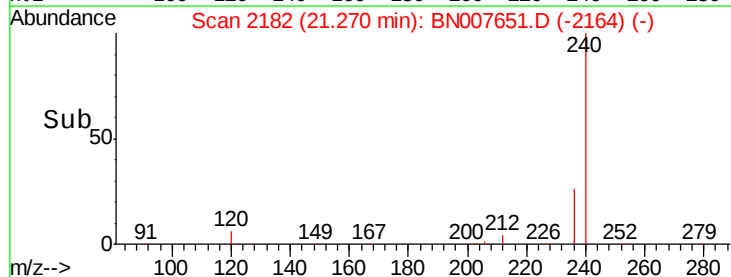


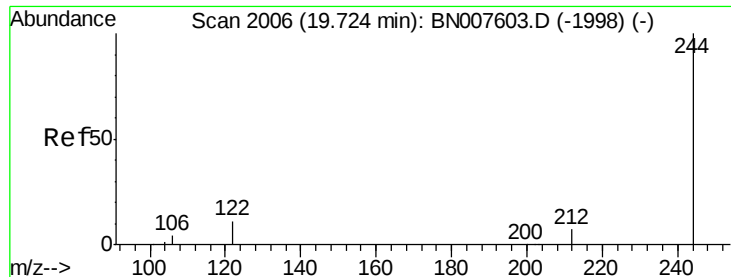
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BN007651.D
 Acq: 14 Sep 2019 06:46

Tgt Ion:240 Resp: 38366
 Ion Ratio Lower Upper
 240 100
 120 7.1 4.3 6.5#
 236 26.0 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: 0.456 ng

RT: 19.72 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007651.D

Acq: 14 Sep 2019 06:46

Instrument :

BNA_N

ClientSampleId :

RE135D1-20190910

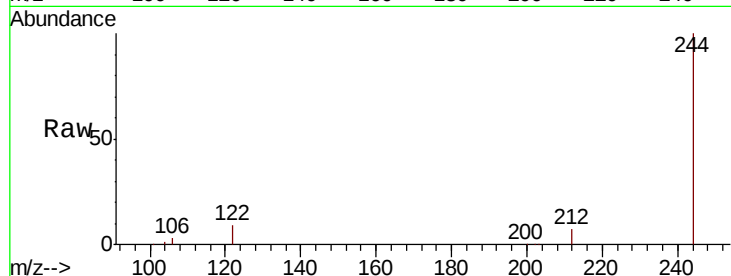
Tot Ion:244 Resp: 46168

Ion Ratio Lower Upper

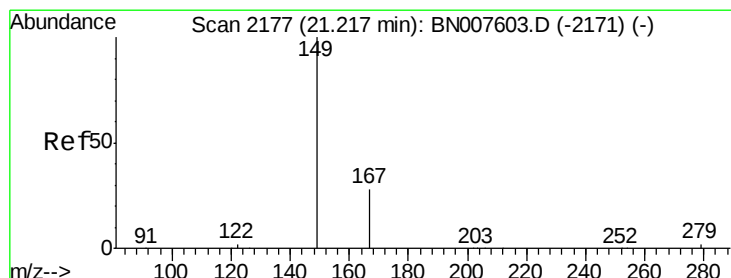
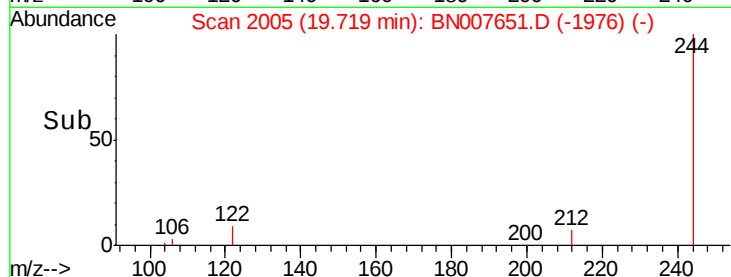
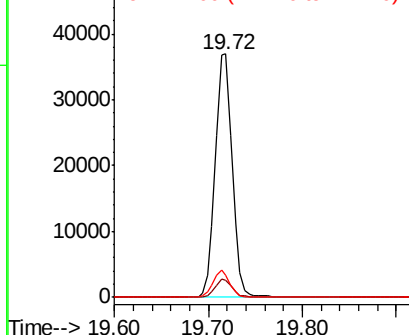
244 100

212 7.3 5.9 8.9

122 9.0 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: 0.054 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007651.D

Acq: 14 Sep 2019 06:46

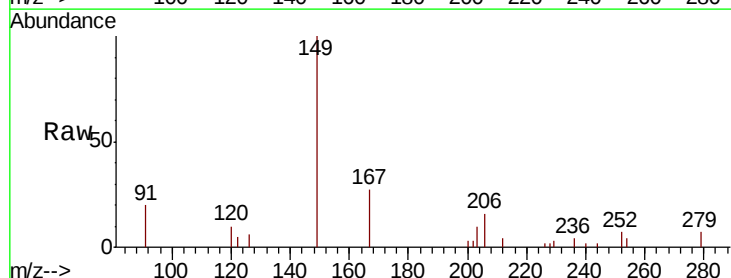
Tgt Ion:149 Resp: 2495

Ion Ratio Lower Upper

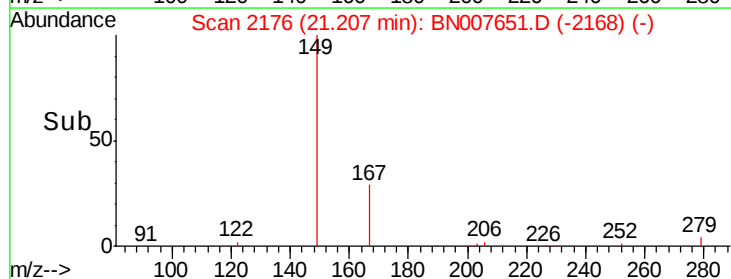
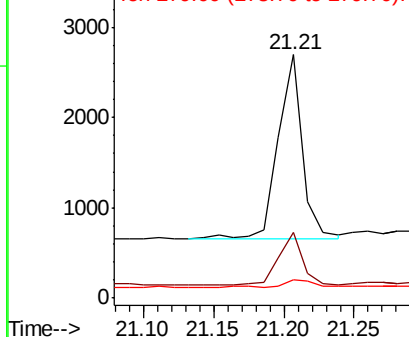
149 100

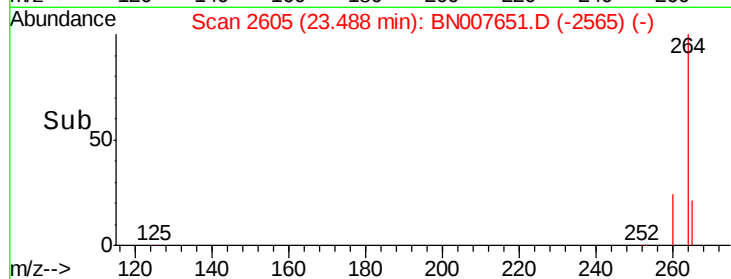
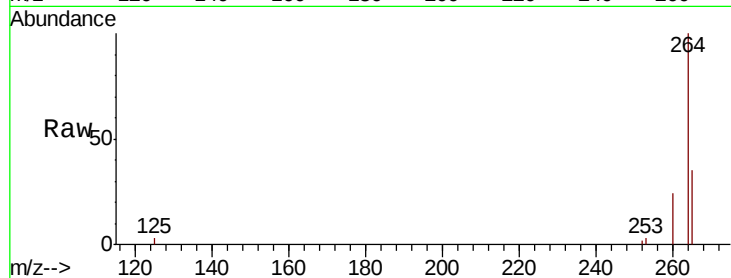
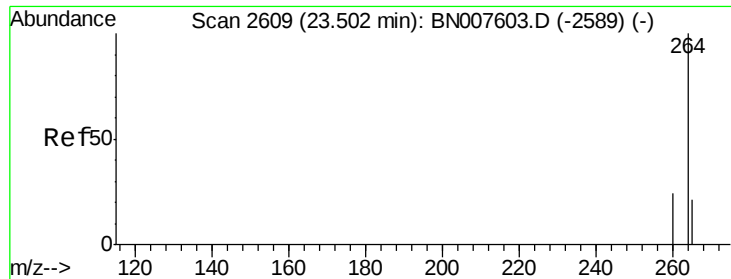
167 27.7 22.6 34.0

279 5.3 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: BN007651.D

Acq: 14 Sep 2019 06:46

Instrument :

BNA_N

ClientSampleId :

RE135D1-20190910

Tot Ion:264 Resp: 37979

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 35.5 24.6 37.0

