

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007752.D
 Acq On : 19 Sep 2019 21:46
 Operator : HP/JU
 Sample : K4858-13 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20190910DL

Quant Time: Sep 20 01:50:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

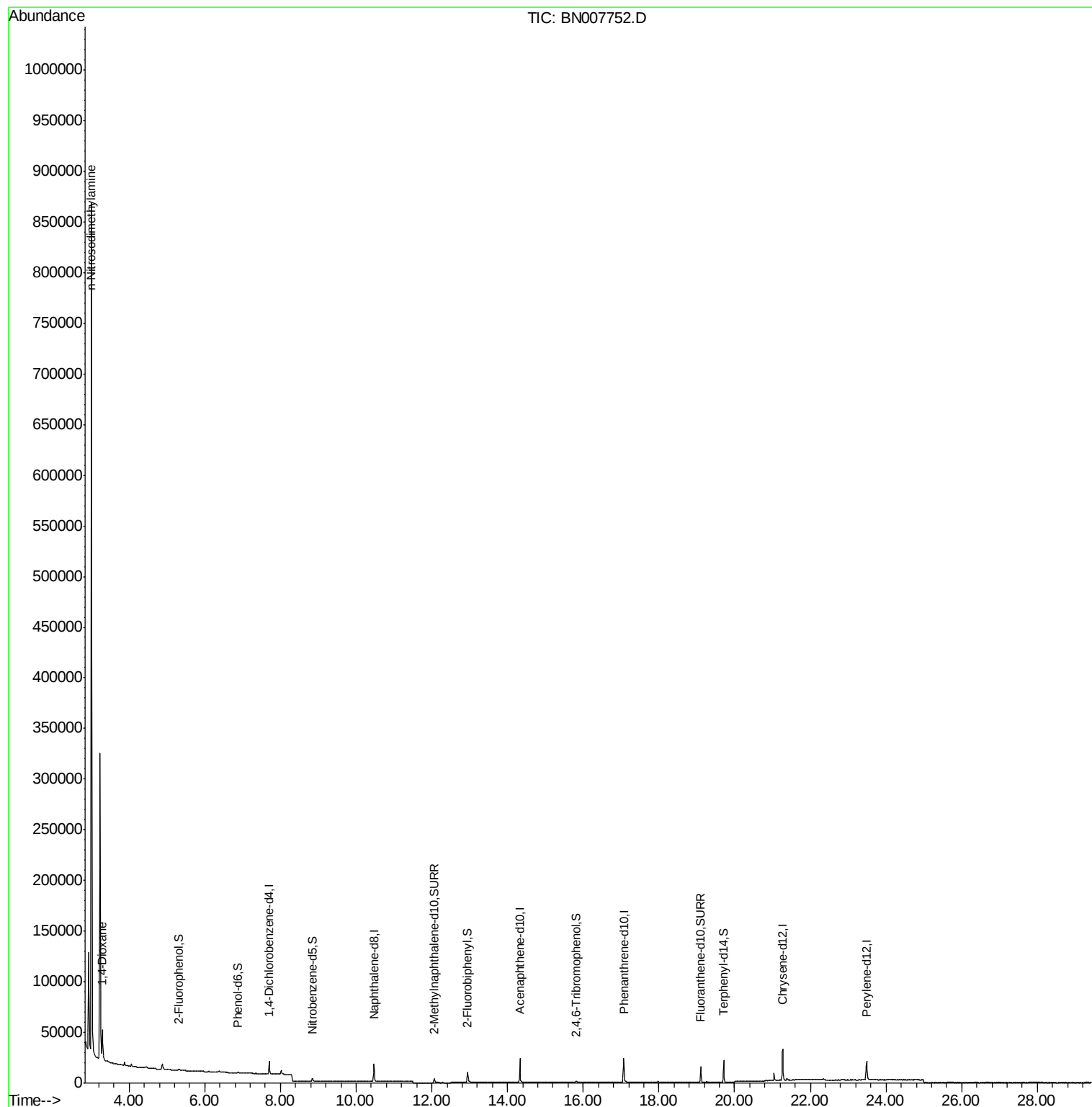
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6169	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23318	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	13711	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	32132	0.40	ng	0.00
27) Chrysene-d12	21.27	240	33739	0.40	ng	0.00
34) Perylene-d12	23.48	264	25306	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	986	0.05	ng	0.00
5) Phenol-d6	6.88	99	732	0.02	ng	0.00
8) Nitrobenzene-d5	8.85	82	2817	0.14	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	6371	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	736	0.10	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	10217	0.18	ng	0.00
25) Fluoranthene-d10	19.10	212	18684	0.17	ng	0.00
29) Terphenyl-d14	19.71	244	21915	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	22941	3.336	ng	# 91
3) n-Nitrosodimethylamine	3.01	42	65926	20.933	ng	# 72

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007752.D

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Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910DL

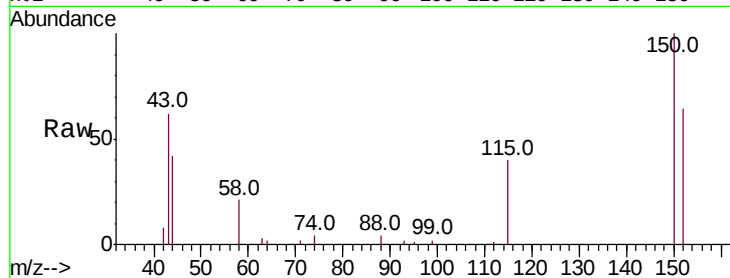
Tot Ion:152 Resp: 6169

Ion Ratio Lower Upper

152 100

150 156.4 125.6 188.4

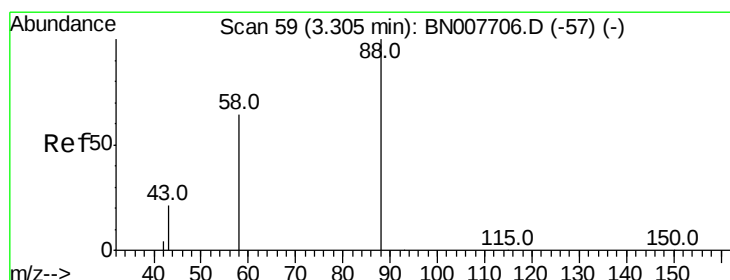
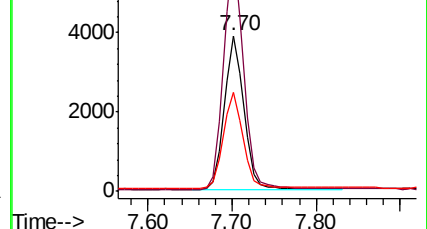
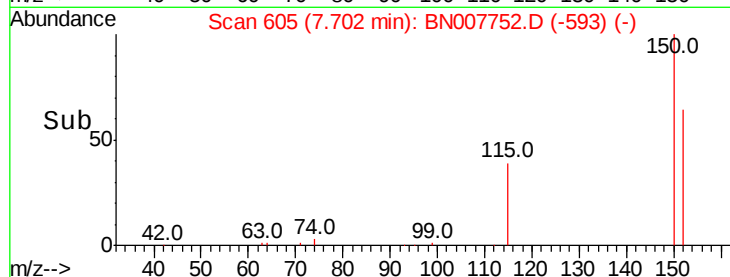
115 63.3 53.3 79.9



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: 3.336 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

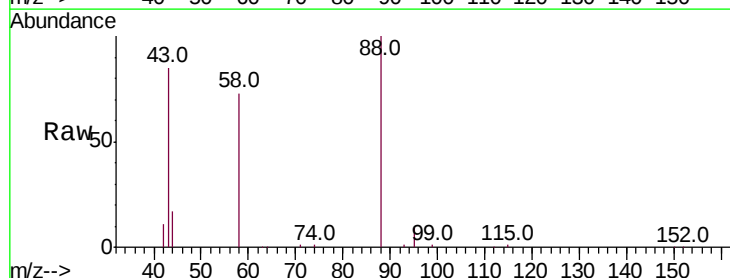
Tgt Ion: 88 Resp: 22941

Ion Ratio Lower Upper

88 100

58 62.2 44.6 66.8

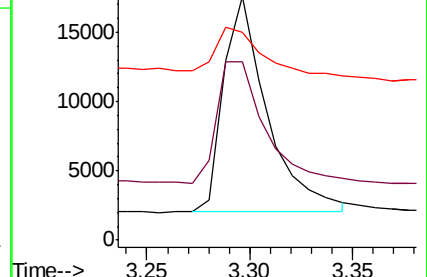
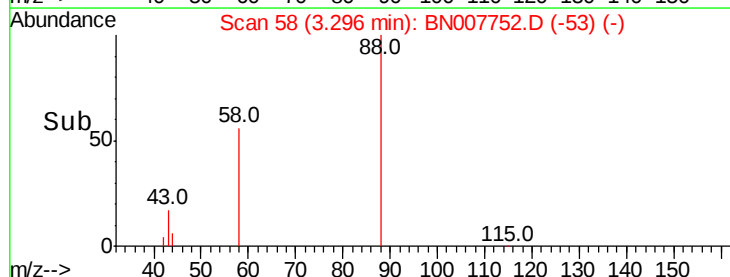
43 22.9 14.4 21.6#



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: 20.933 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910DL

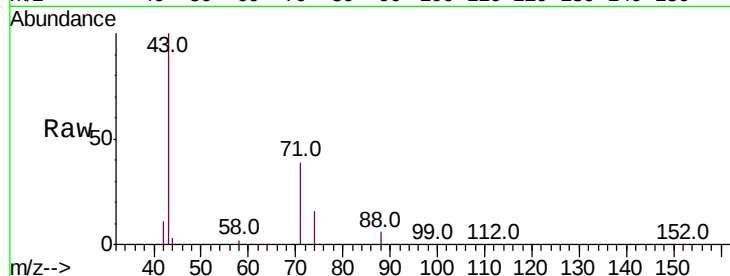
Tot Ion: 42 Resp: 65926

Ion Ratio Lower Upper

42 100

74 143.4 87.9 131.9#

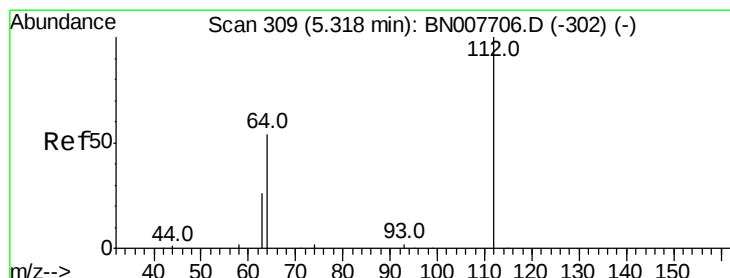
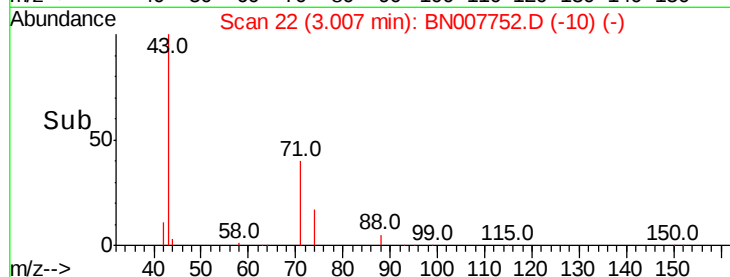
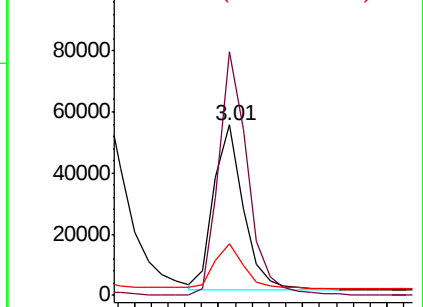
44 26.0 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.046 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

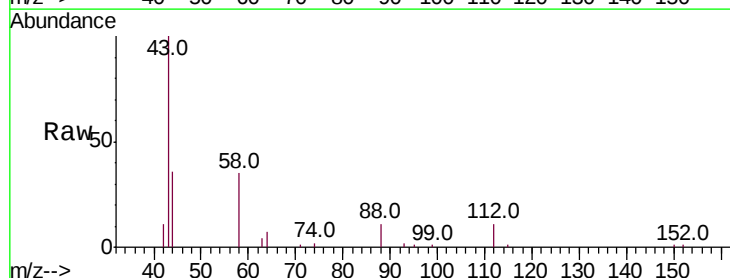
Tgt Ion: 112 Resp: 986

Ion Ratio Lower Upper

112 100

64 62.4 46.6 70.0

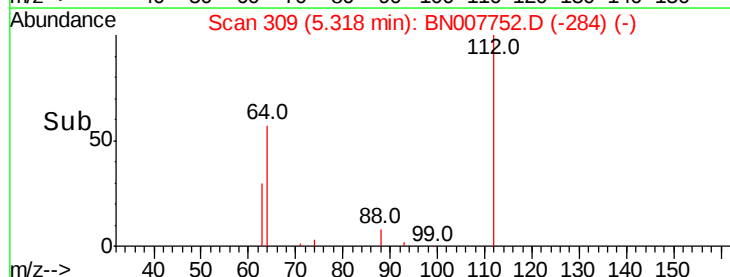
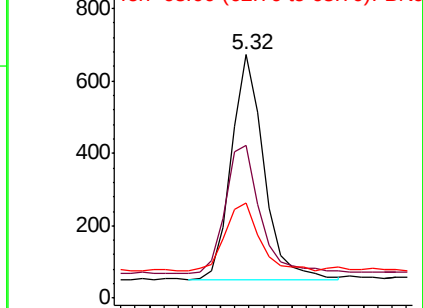
63 31.1 23.1 34.7

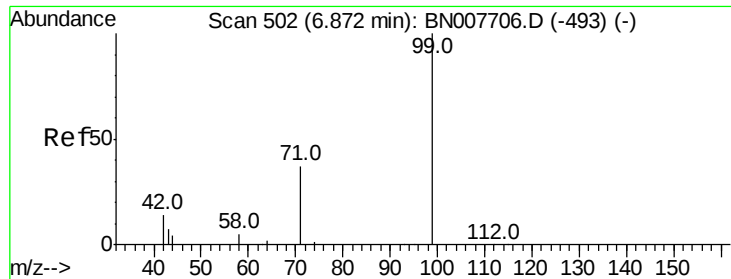


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.022 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910DL

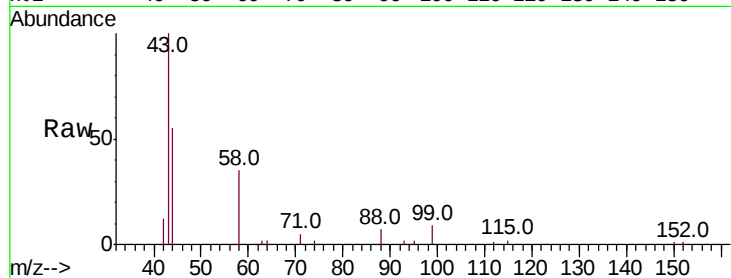
Tot Ion: 99 Resp: 732

Ion Ratio Lower Upper

99 100

42 17.2 12.8 19.2

71 42.2 27.6 41.4#



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)

6.88

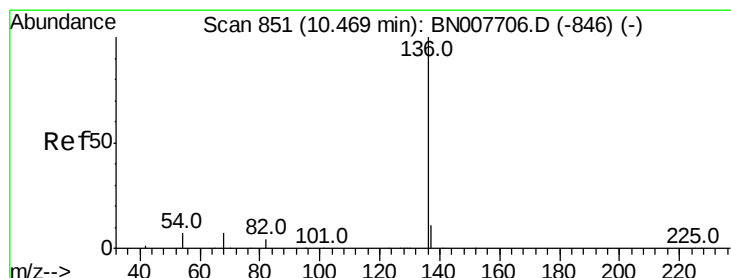
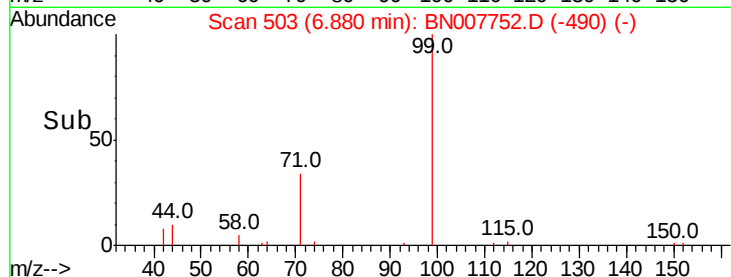
400

200

0

6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

Tgt Ion: 136 Resp: 23318

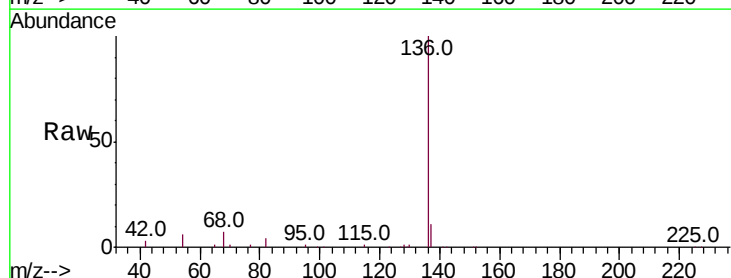
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.4 5.8 8.8

68 7.1 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

10.47

20000

15000

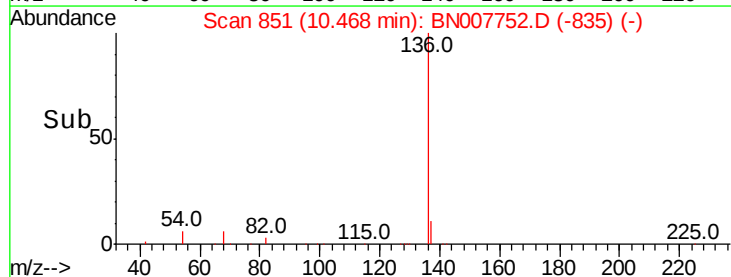
10000

5000

0

10.30 10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.138 ng

RT: 8.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910DL

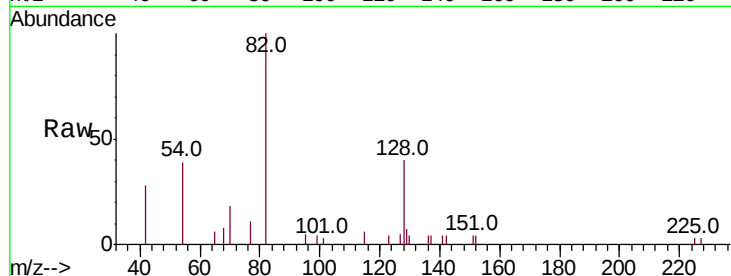
Tot Ion: 82 Resp: 2817

Ion Ratio Lower Upper

82 100

128 40.4 24.5 36.7#

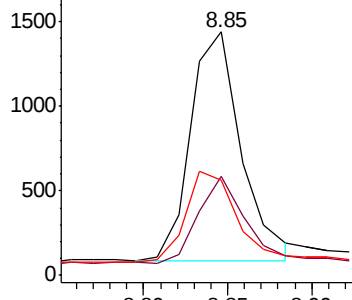
54 39.0 35.2 52.8



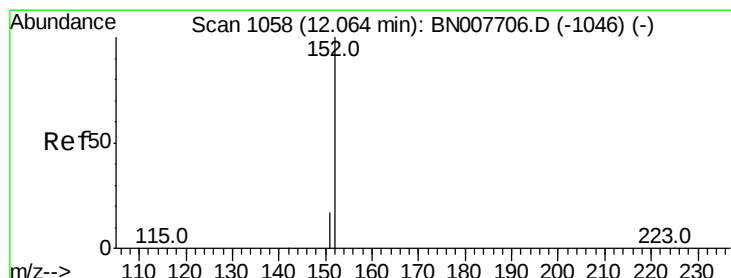
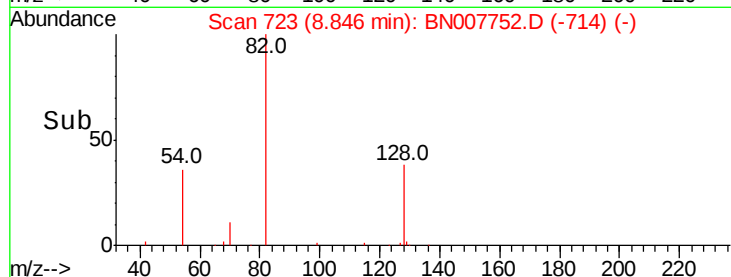
Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.162 ng

RT: 12.06 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN007752.D

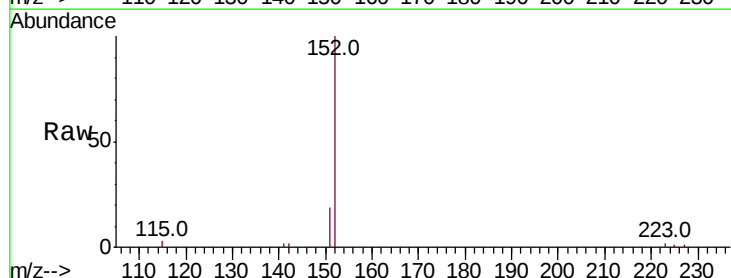
Acq: 19 Sep 2019 21:46

Tgt Ion: 152 Resp: 6371

Ion Ratio Lower Upper

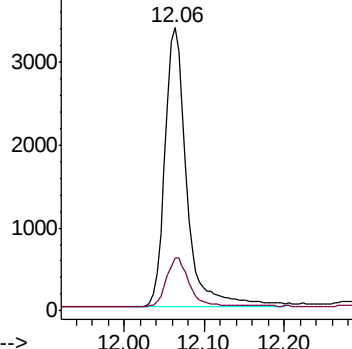
152 100

151 18.6 15.4 23.2

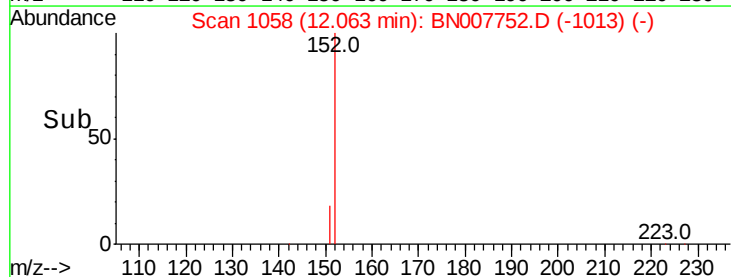


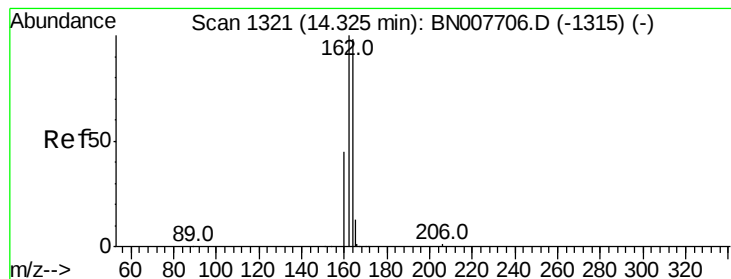
Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910DL

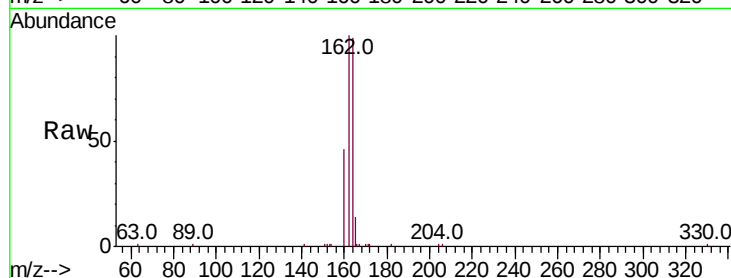
Tot Ion:164 Resp: 13711

Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

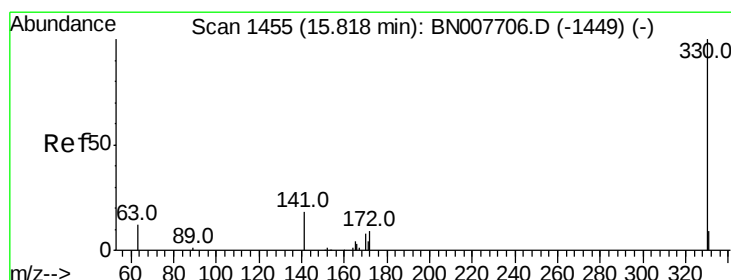
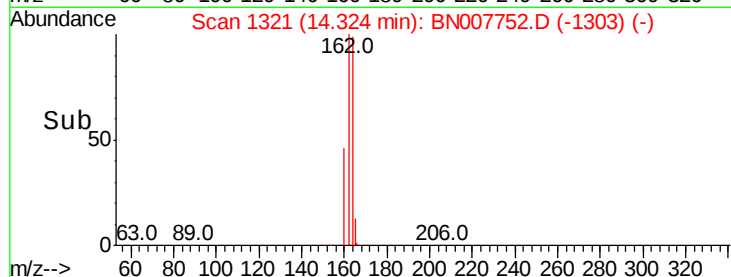
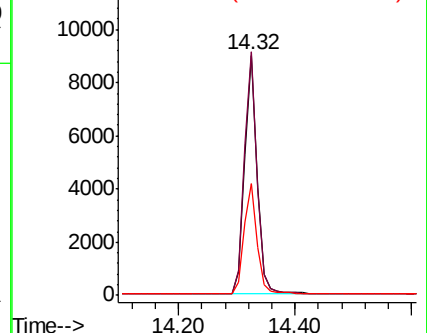
160 46.7 37.0 55.4



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: 0.099 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

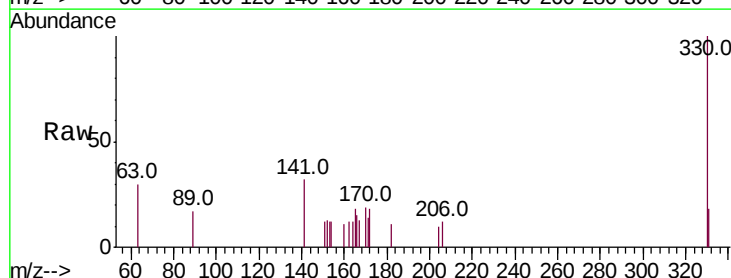
Tgt Ion:330 Resp: 736

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

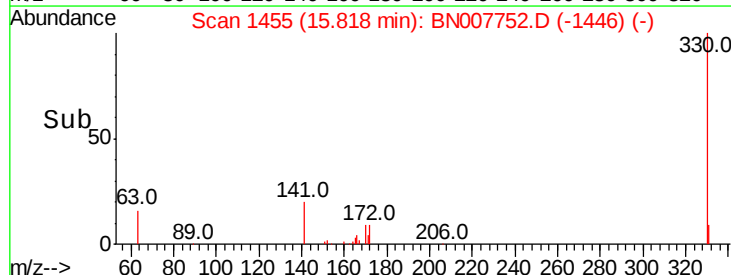
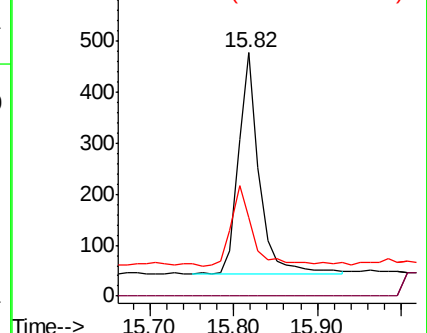
141 37.9 28.7 43.1



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

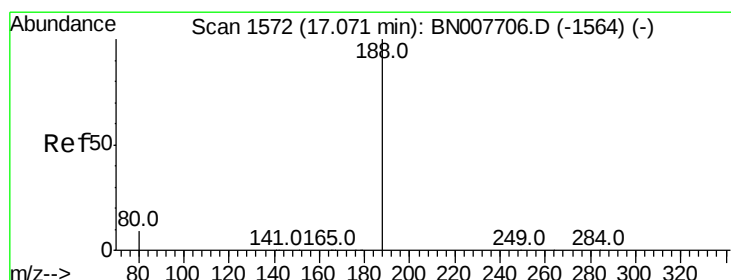
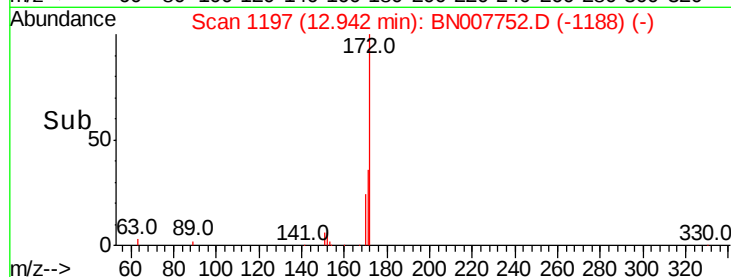
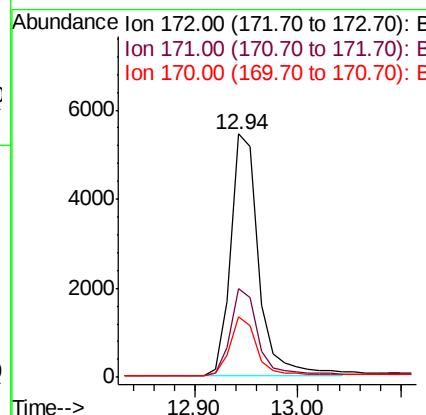
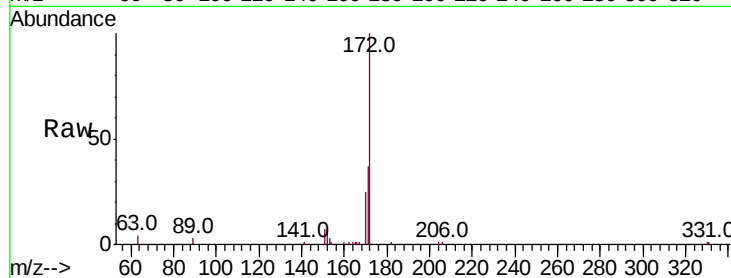




#15
2-Fluorobiphenyl
Concen: 0.181 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007752.D
Acq: 19 Sep 2019 21:46

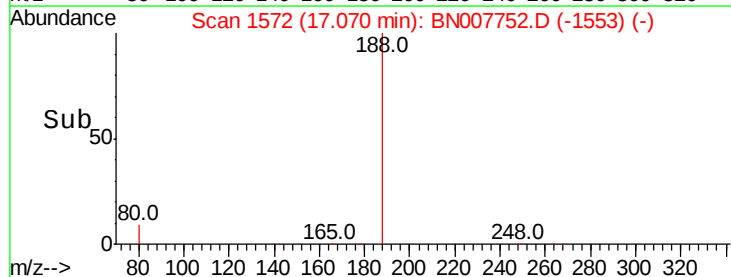
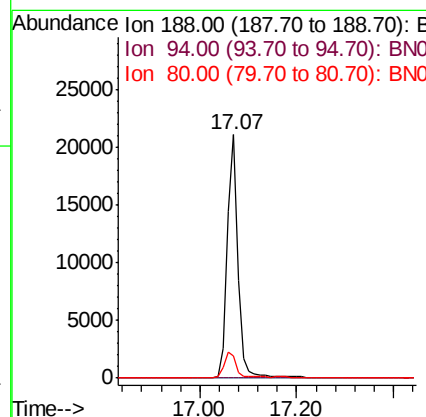
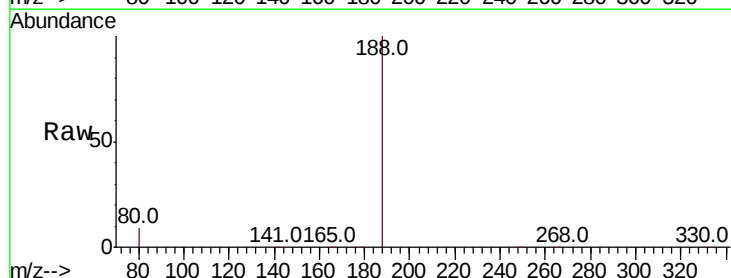
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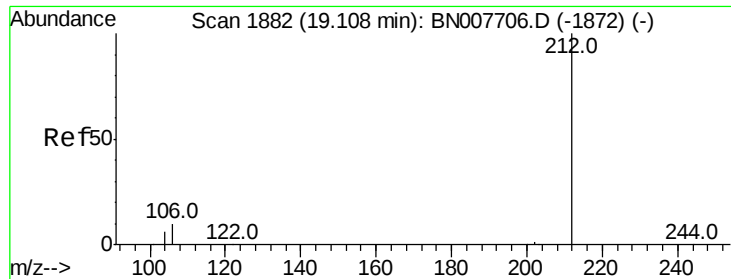
Tot Ion:172 Resp: 10217
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.6 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007752.D
Acq: 19 Sep 2019 21:46

Tgt Ion:188 Resp: 32132
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.173 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910DL

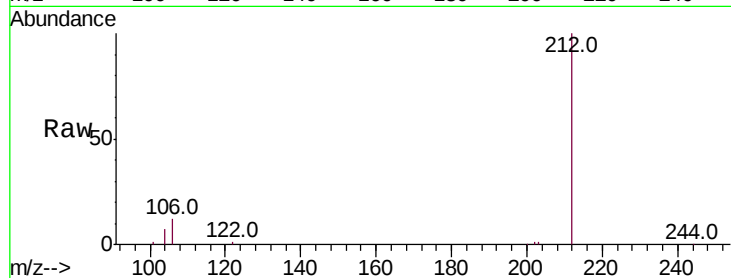
Tot Ion:212 Resp: 18684

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.0

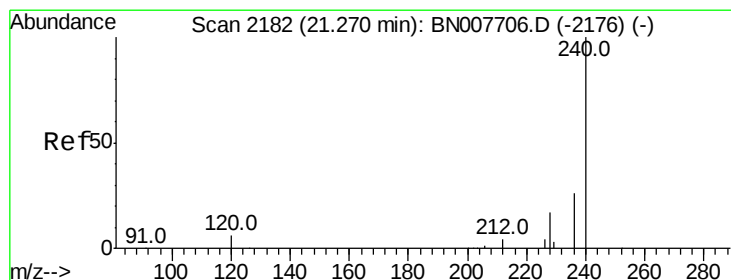
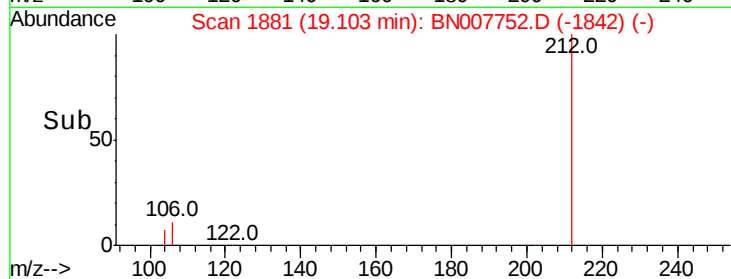
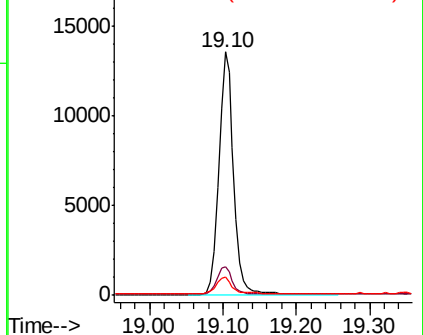
104 6.8 5.3 7.9



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. -0.00 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

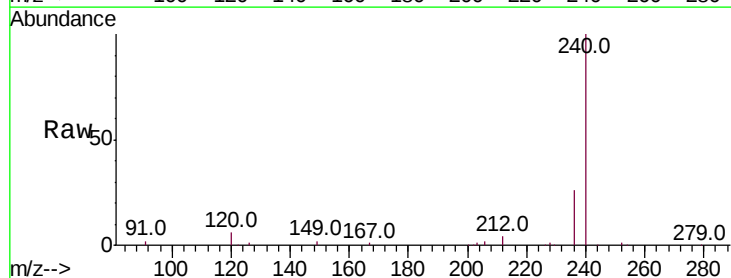
Tgt Ion:240 Resp: 33739

Ion Ratio Lower Upper

240 100

120 5.5 5.4 8.2

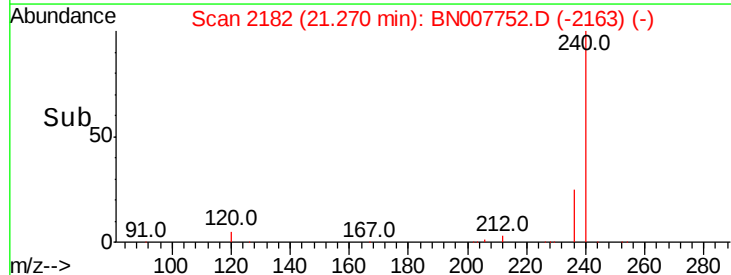
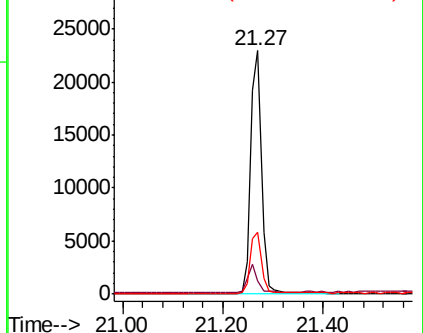
236 25.6 21.0 31.4

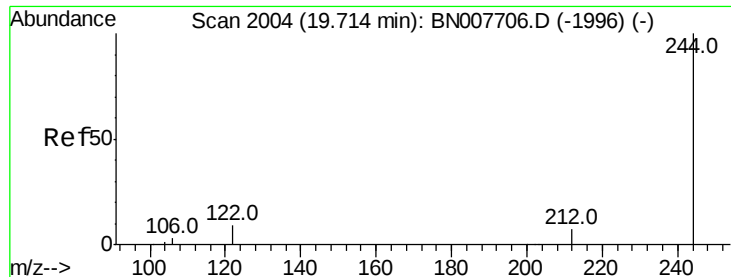


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.264 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

Instrument :

BNA_N

ClientSampleId :

RE125D1-20190910DL

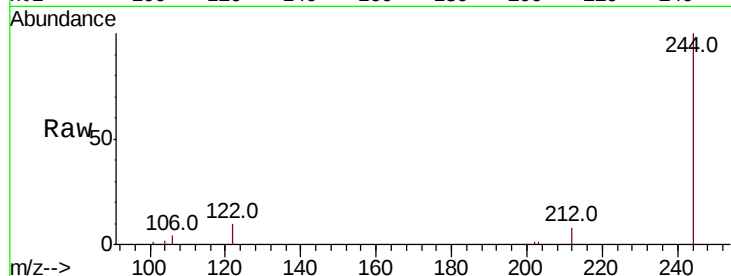
Tot Ion:244 Resp: 21915

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

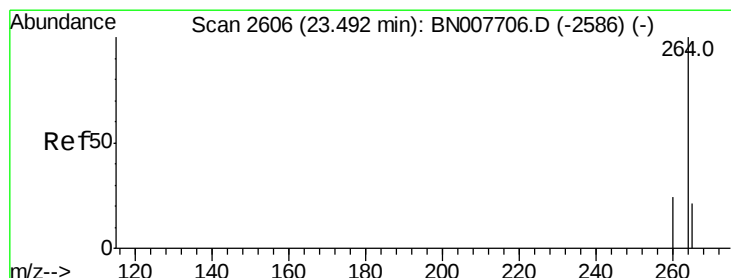
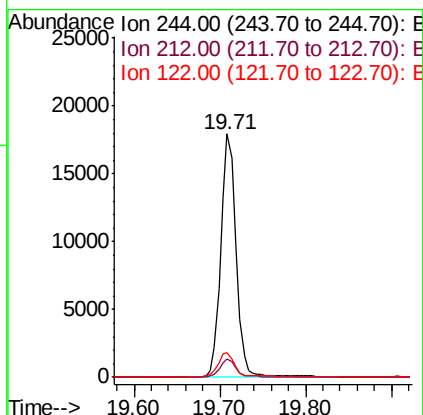
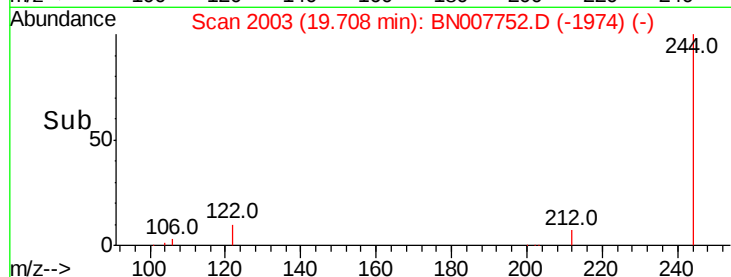
122 10.4 7.4 11.2



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BN007752.D

Acq: 19 Sep 2019 21:46

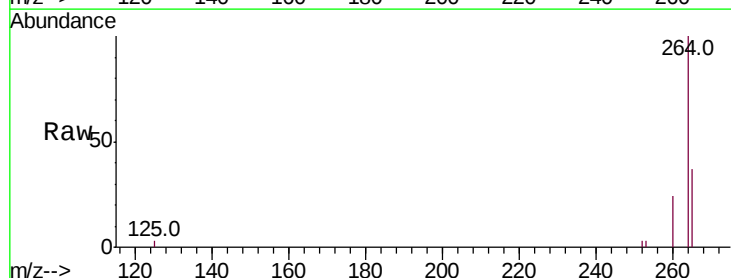
Tgt Ion:264 Resp: 25306

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 37.1 26.9 40.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

