

Data File : BN007508.D
Acq On : 29 Aug 2019 18:42
Operator : HP/JU
Sample : PB122591BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122591BL

Quant Time: Aug 30 01:59:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4381	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	19063	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12711	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	36725	0.40	ng	0.00
27) Chrysene-d12	21.02	240	38846	0.40	ng	0.00
34) Perylene-d12	23.12	264	36354	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	4962	0.32	ng	0.00
5) Phenol-d6	6.59	99	6739	0.34	ng	0.00
8) Nitrobenzene-d5	8.53	82	5055	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	10548	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2256	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	14149	0.28	ng	0.00
25) Fluoranthene-d10	18.84	212	40187	0.34	ng	0.00
29) Terphenyl-d14	19.46	244	31386	0.31	ng	0.00

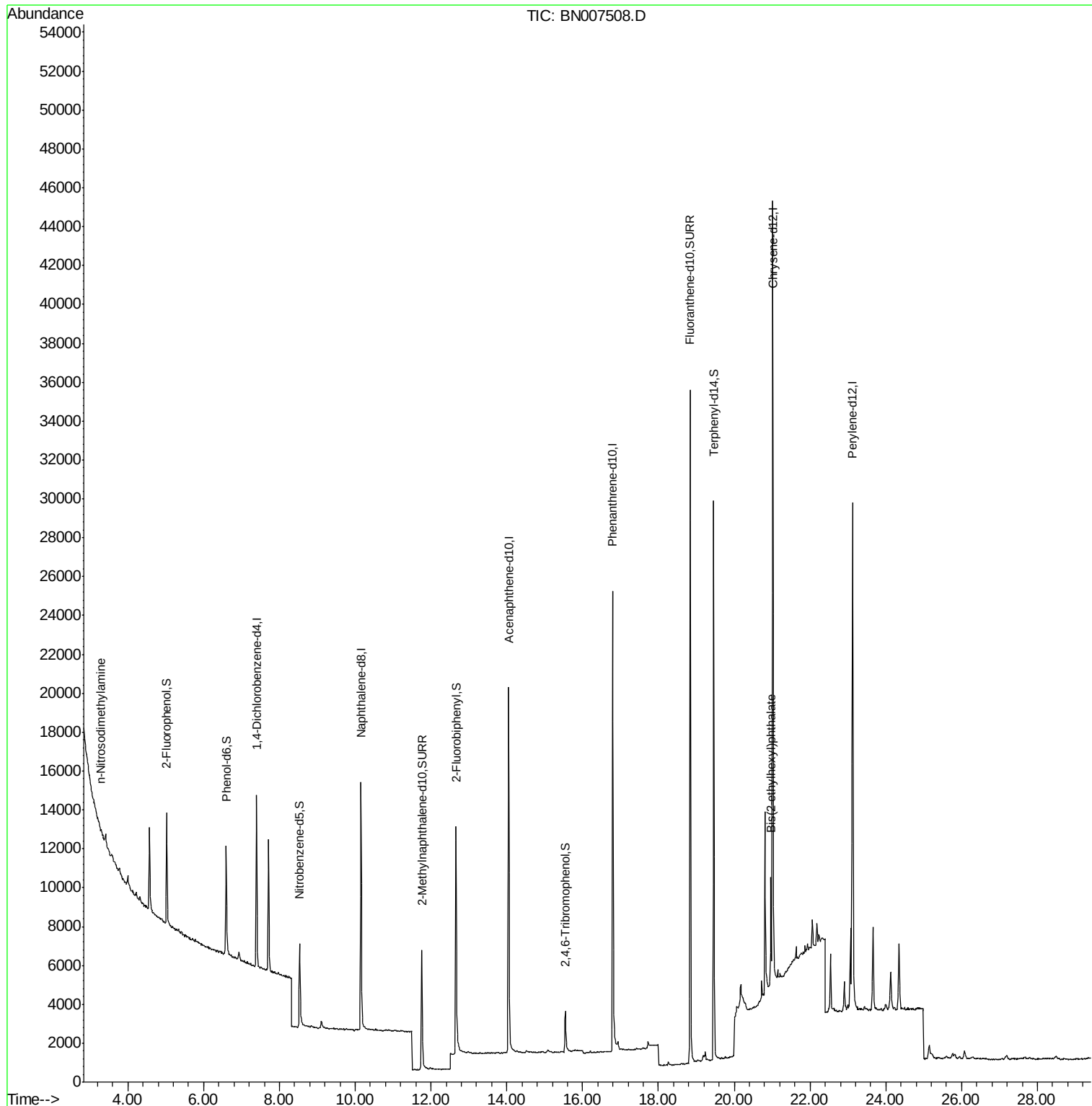
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.30	42	95	0.028	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.96	149	5017	0.032	ng	95

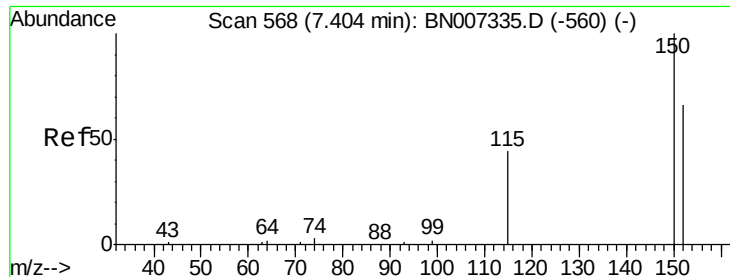
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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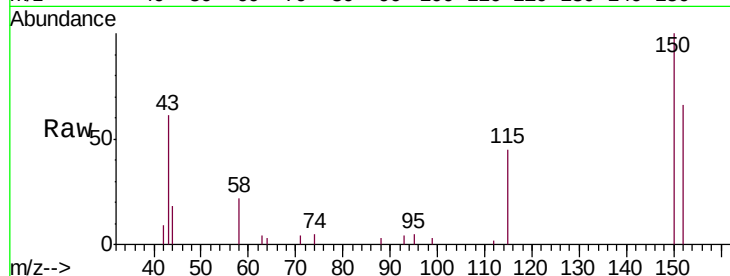


#1

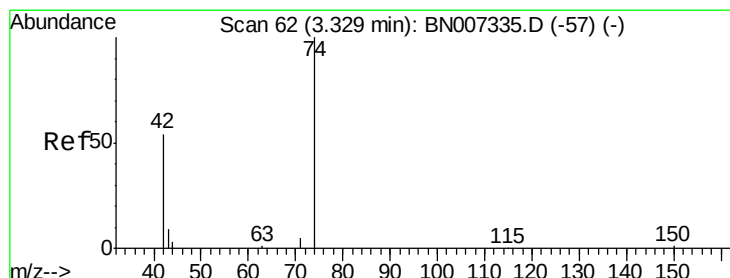
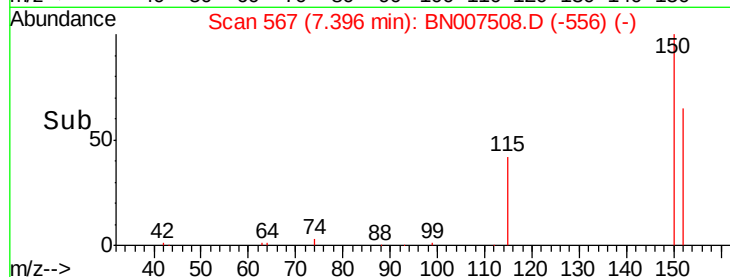
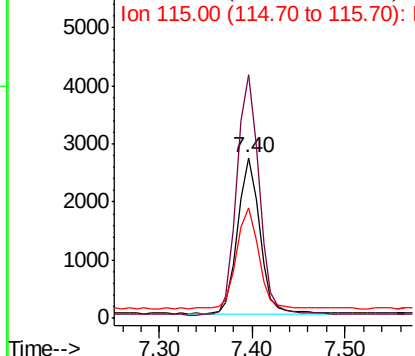
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007508.D
Acq: 29 Aug 2019 18:42

Instrument :
BNA_N
ClientSampleId :
PB122591BL

Tgt Ion: 152 Resp: 4381
Ion Ratio Lower Upper
152 100
150 151.2 109.1 163.7
115 68.4 59.6 89.4



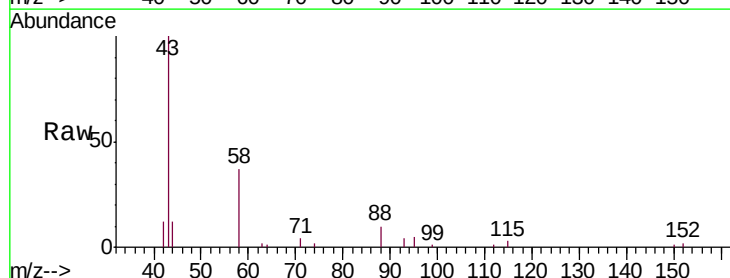
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



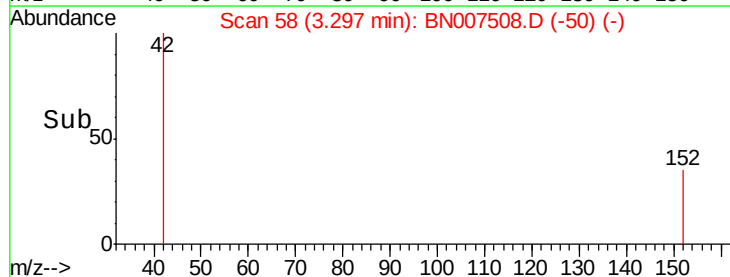
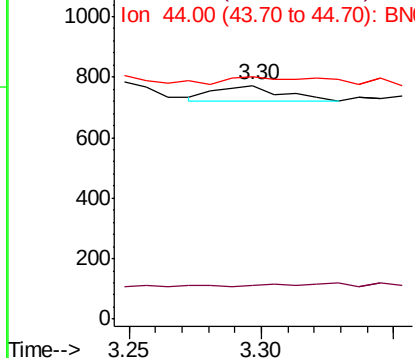
#3

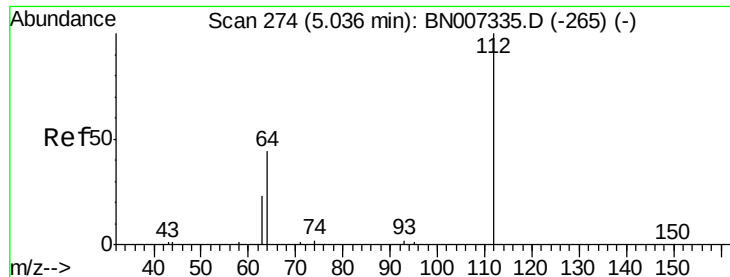
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.03 min
Lab File: BN007508.D
Acq: 29 Aug 2019 18:42

Tgt Ion: 42 Resp: 95
Ion Ratio Lower Upper
42 100
74 0.0 144.7 217.1#
44 69.5 3.2 4.8#



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: 0.321 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

Instrument :

BNA_N

ClientSampleId :

PB122591BL

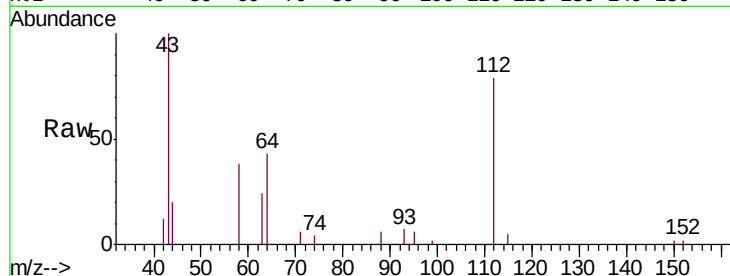
Tgt Ion: 112 Resp: 4962

Ion Ratio Lower Upper

112 100

64 54.2 42.3 63.5

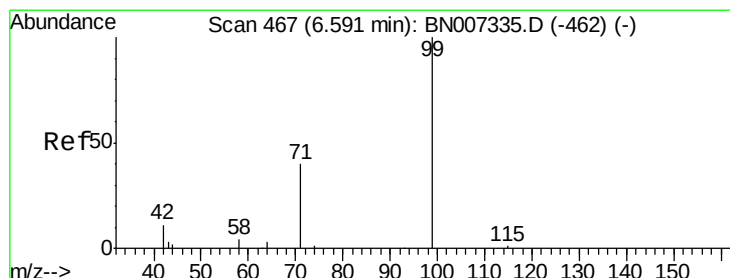
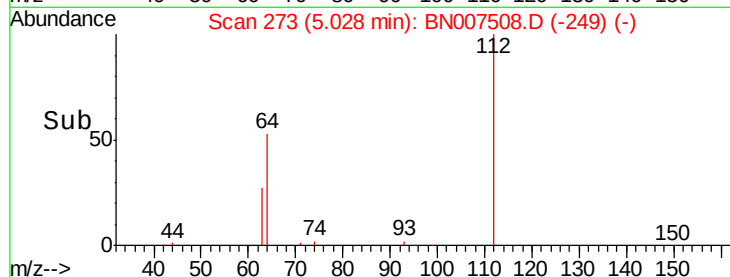
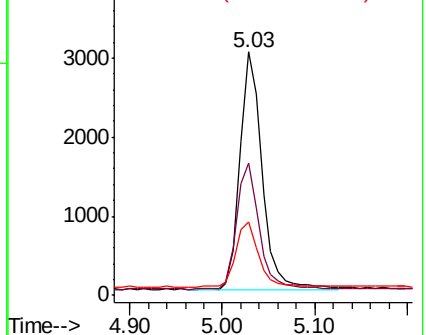
63 27.8 23.6 35.4



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: 0.344 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

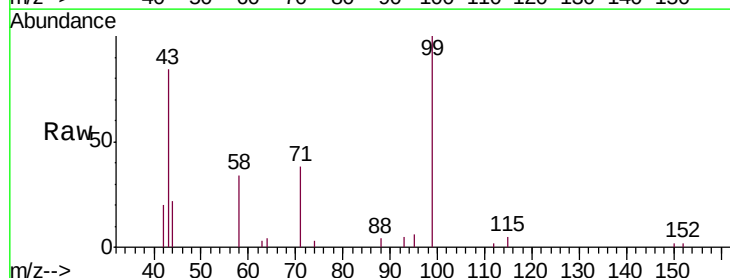
Tgt Ion: 99 Resp: 6739

Ion Ratio Lower Upper

99 100

42 10.6 11.2 16.8#

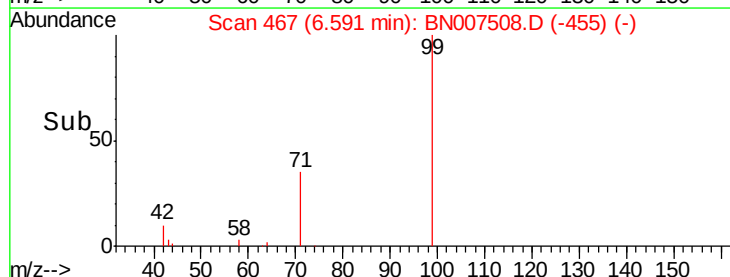
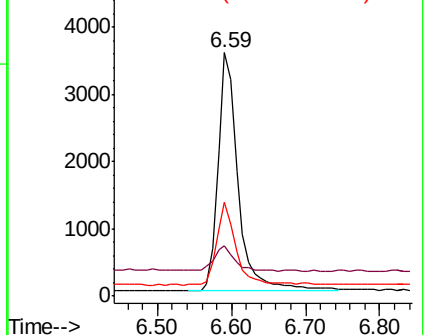
71 35.7 31.8 47.8

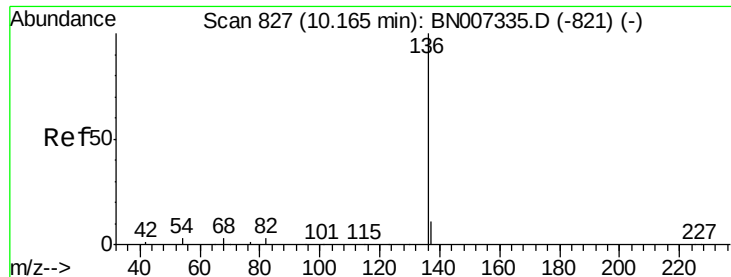


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

Instrument :

BNA_N

ClientSampleId :

PB122591BL

Tgt Ion:136 Resp: 19063

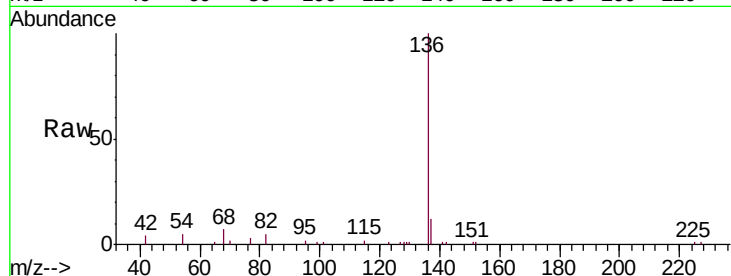
Ion Ratio Lower Upper

136 100

137 11.7 12.9 19.3#

54 5.1 8.6 12.8#

68 6.9 17.0 25.4#



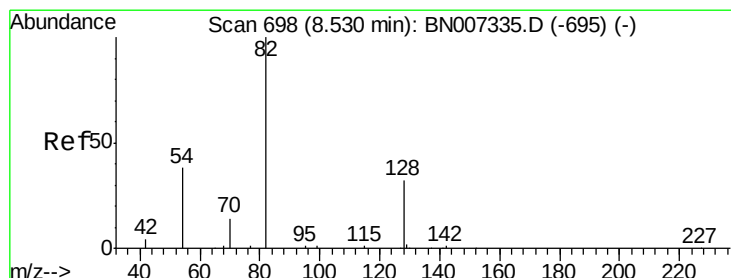
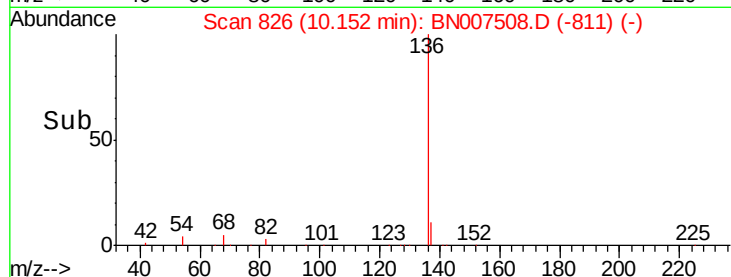
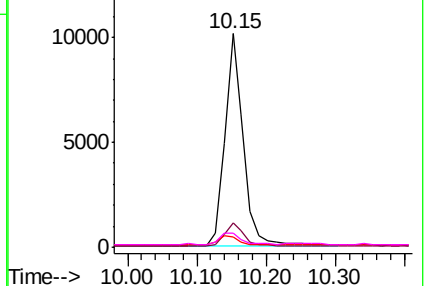
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.305 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

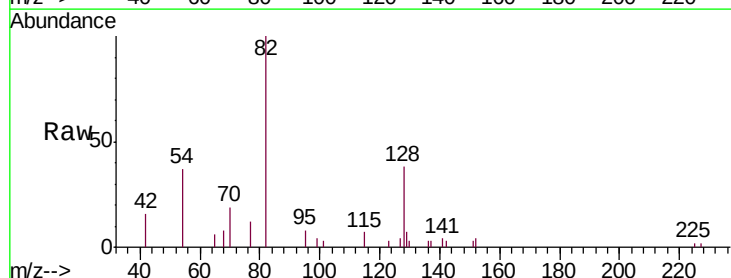
Tgt Ion: 82 Resp: 5055

Ion Ratio Lower Upper

82 100

128 38.2 19.7 29.5#

54 37.0 25.8 38.6

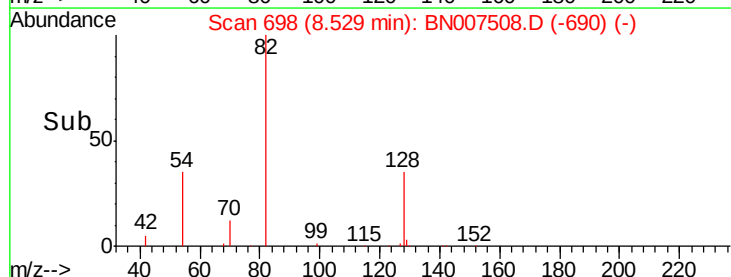
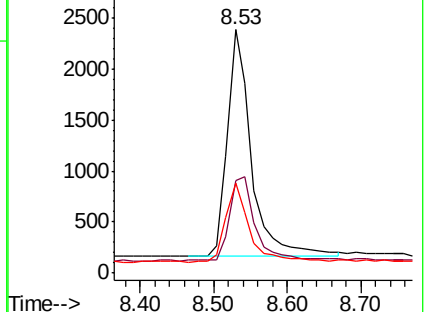


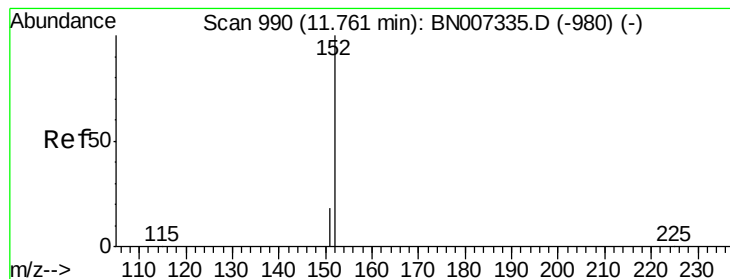
Abundance

Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

Instrument :

BNA_N

ClientSampleId :

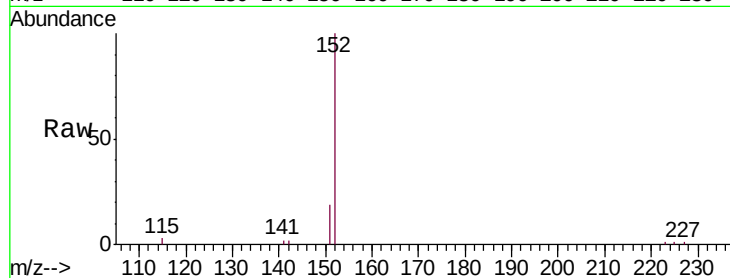
PB122591BL

Tgt Ion:152 Resp: 10548

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

6000

5000

4000

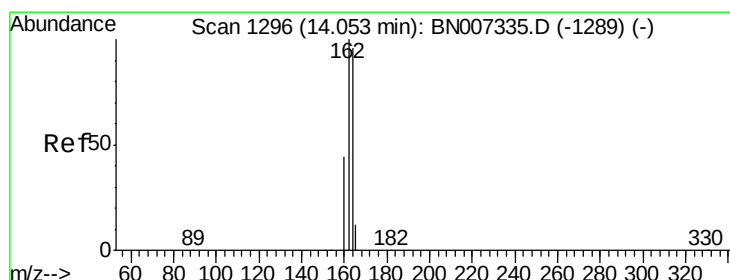
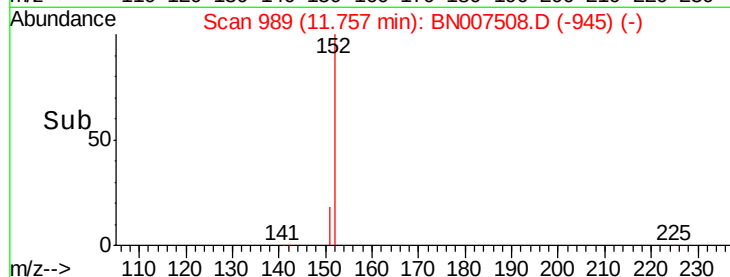
3000

2000

1000

0

Time--> 11.60 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

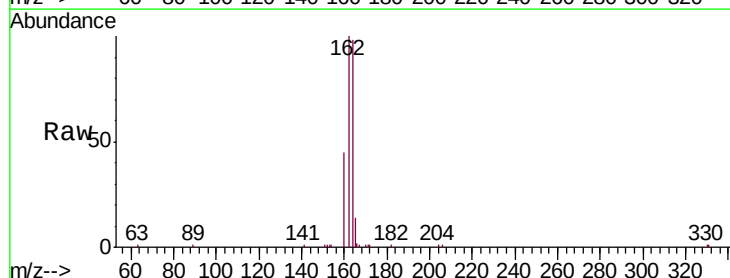
Tgt Ion:164 Resp: 12711

Ion Ratio Lower Upper

164 100

162 102.2 83.5 125.3

160 46.0 38.2 57.4



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

14.05

10000

8000

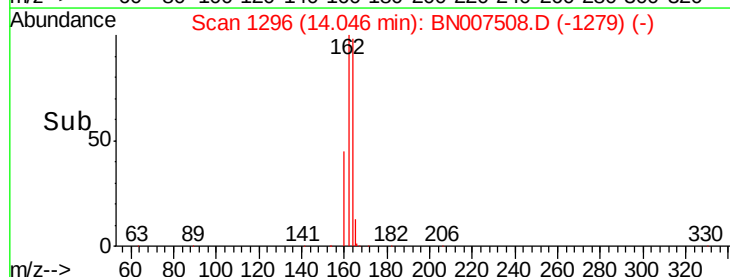
6000

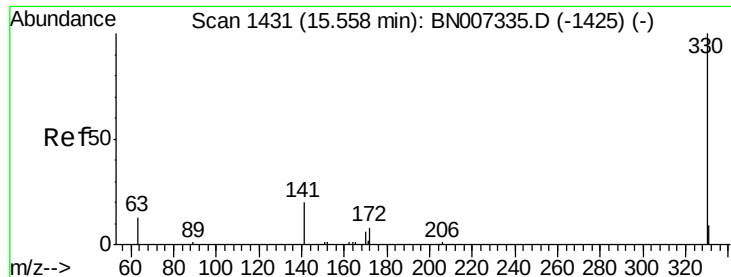
4000

2000

0

Time--> 14.00 14.20

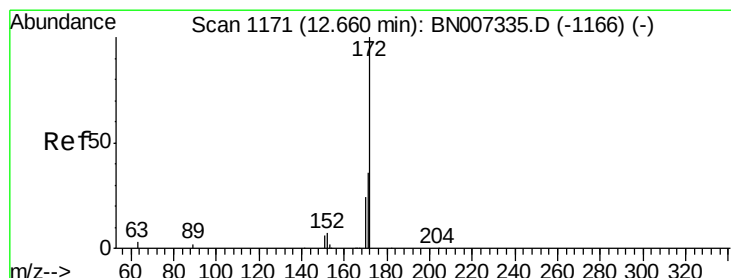
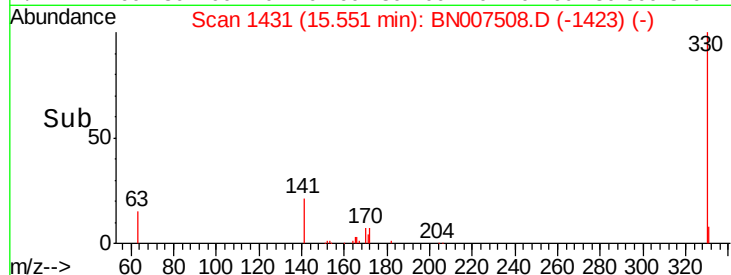
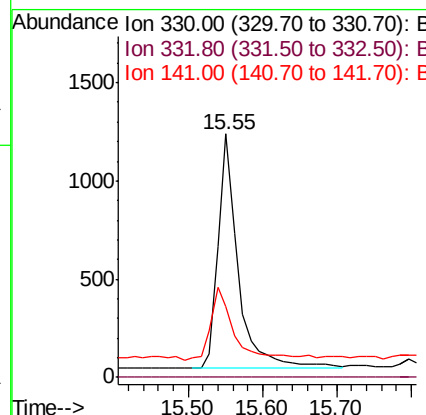
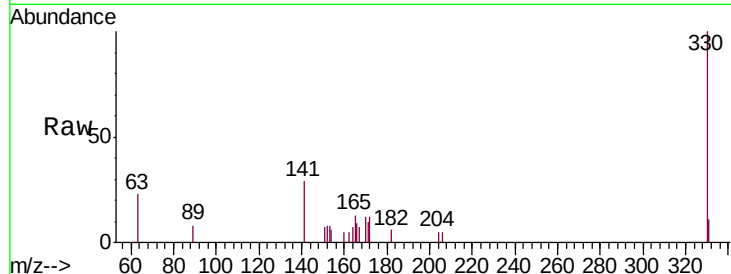




#14
 2,4,6-Tribromophenol
 Concen: 0.339 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BN007508.D
 Acq: 29 Aug 2019 18:42

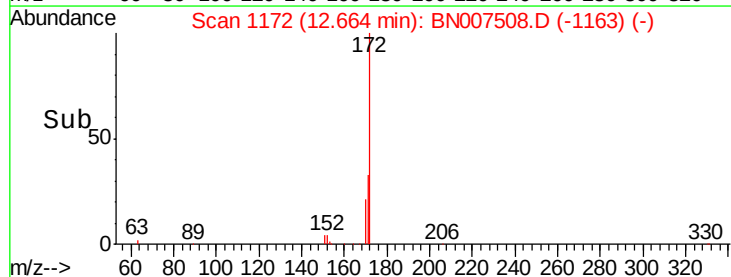
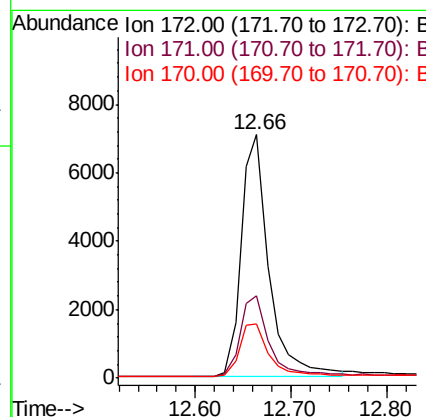
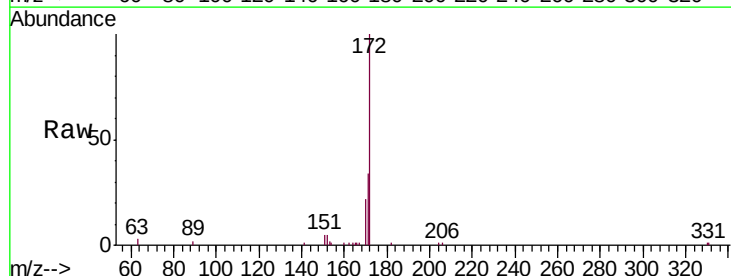
Instrument :
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 ClientSampleId :
 PB122591BL

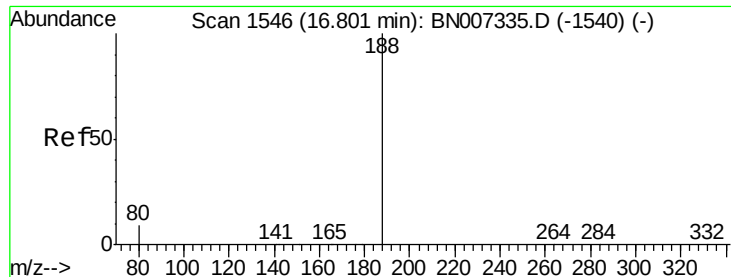
Tgt Ion:330 Resp: 2256
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.2 26.9 40.3



#15
 2-Fluorobiphenyl
 Concen: 0.276 ng
 RT: 12.66 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BN007508.D
 Acq: 29 Aug 2019 18:42

Tgt Ion:172 Resp: 14149
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.3 45.5
 170 22.1 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

Instrument :

BNA_N

ClientSampleId :

PB122591BL

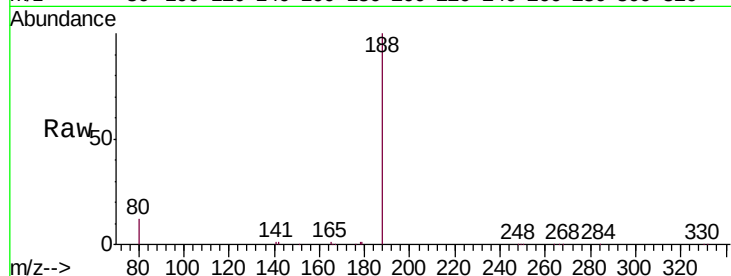
Tgt Ion:188 Resp: 36725

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

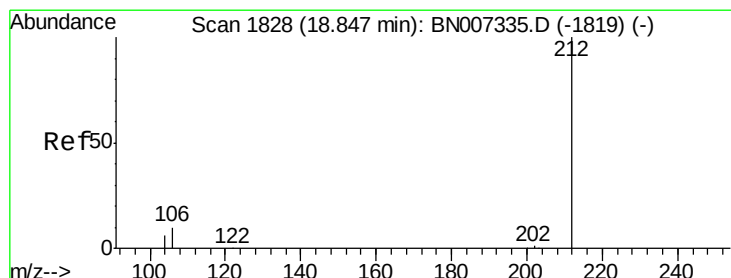
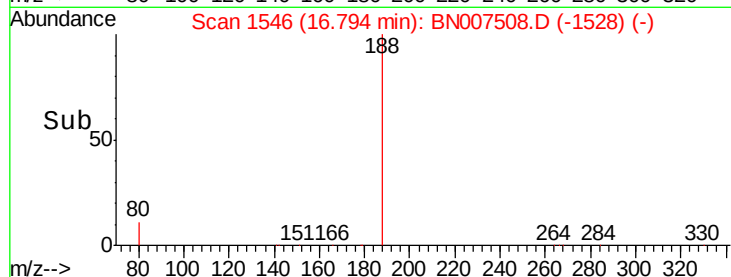
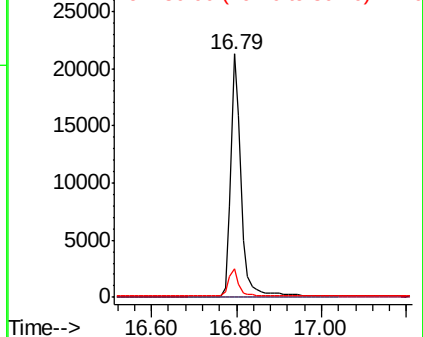
80 11.6 11.8 17.8#



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: 0.340 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

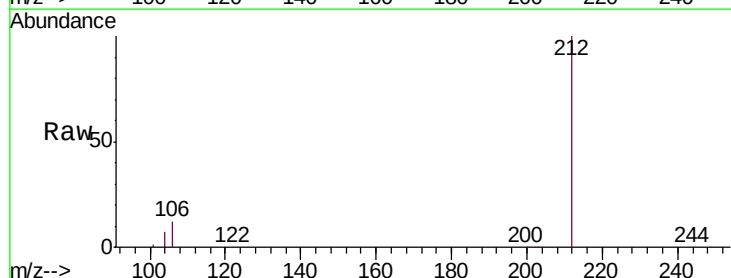
Tgt Ion:212 Resp: 40187

Ion Ratio Lower Upper

212 100

106 12.8 9.0 13.4

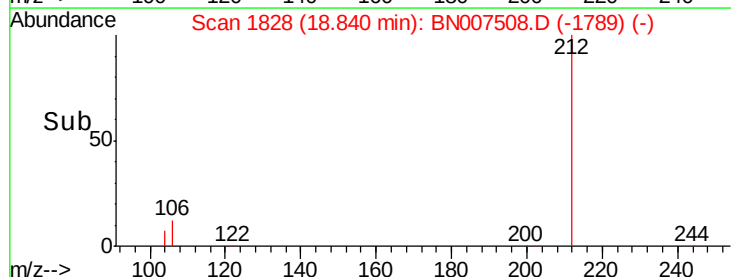
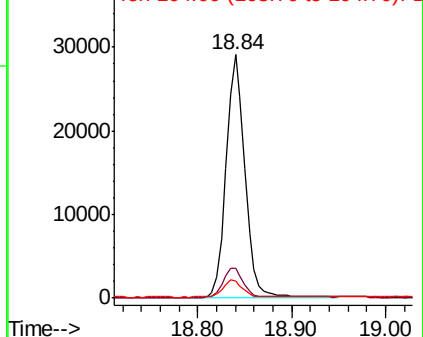
104 7.1 5.4 8.2

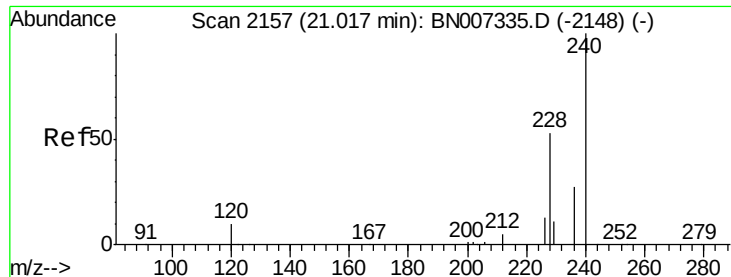


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

Instrument :

BNA_N

ClientSampleId :

PB122591BL

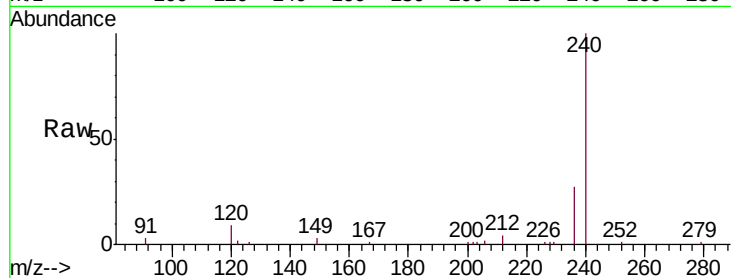
Tgt Ion:240 Resp: 38846

Ion Ratio Lower Upper

240 100

120 8.7 9.6 14.4#

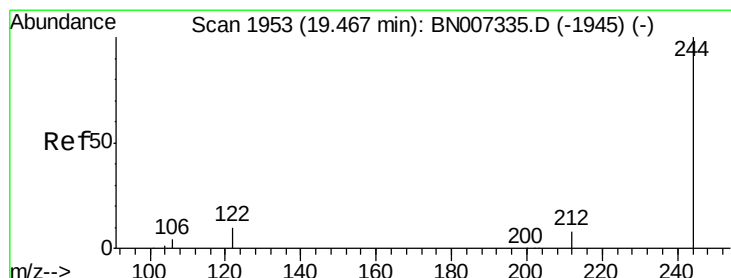
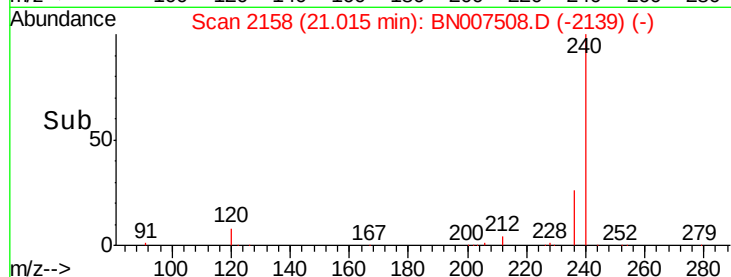
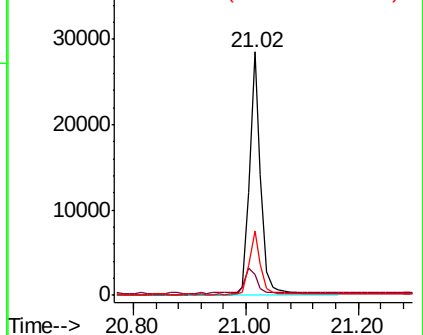
236 26.6 22.2 33.2



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: 0.309 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007508.D

Acq: 29 Aug 2019 18:42

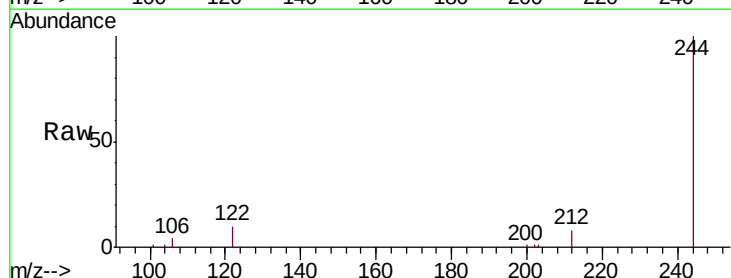
Tgt Ion:244 Resp: 31386

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

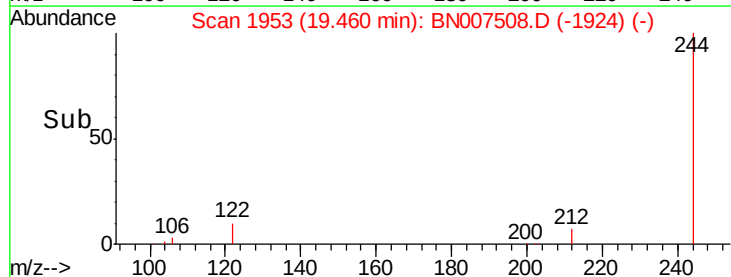
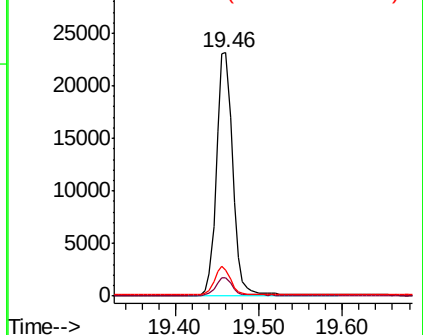
122 10.4 9.6 14.4

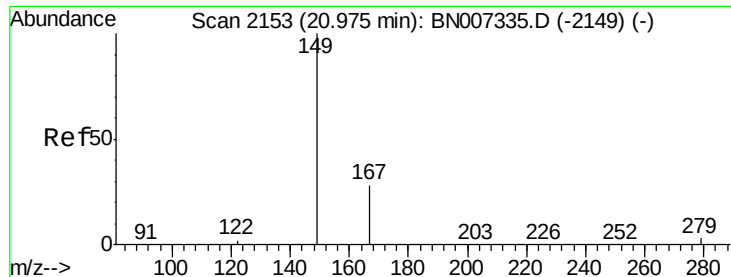


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

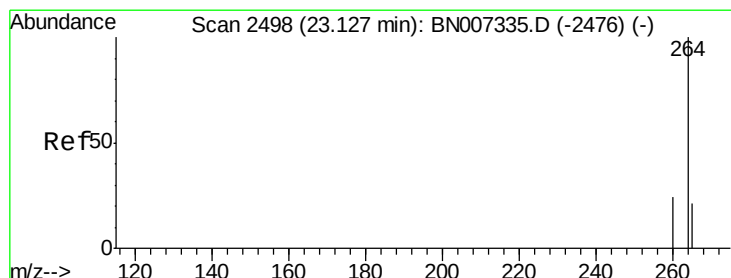
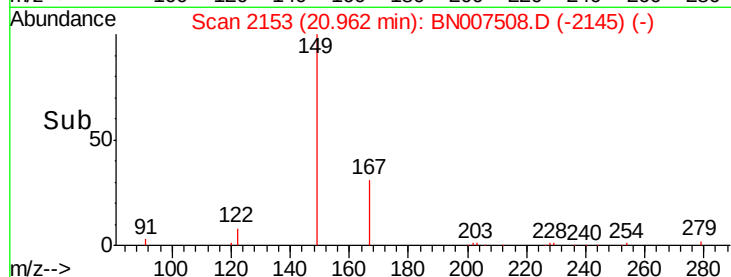
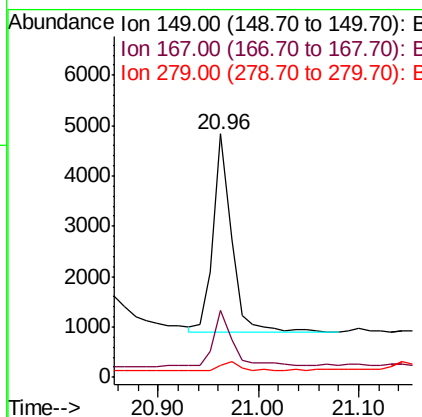
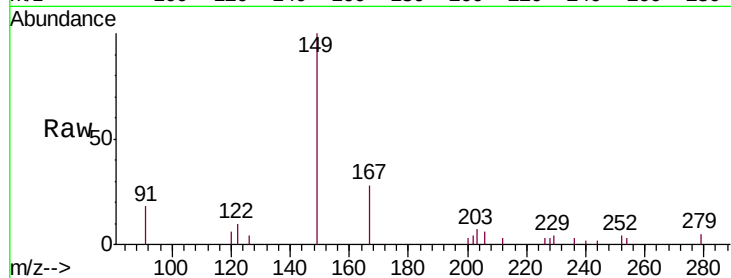




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 20.96 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BN007508.D
 Acq: 29 Aug 2019 18:42

Instrument :
 BNA_N
 ClientSampleId :
 PB122591BL

Tgt Ion:149 Resp: 5017
 Ion Ratio Lower Upper
 149 100
 167 31.8 22.8 34.2
 279 4.1 3.5 5.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BN007508.D
 Acq: 29 Aug 2019 18:42

Tgt Ion:264 Resp: 36354
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 31.0 29.9 44.9

