

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007782.D
 Acq On : 21 Sep 2019 03:06
 Operator : HP/JU
 Sample : K4975-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20190918

Quant Time: Sep 21 04:42:50 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

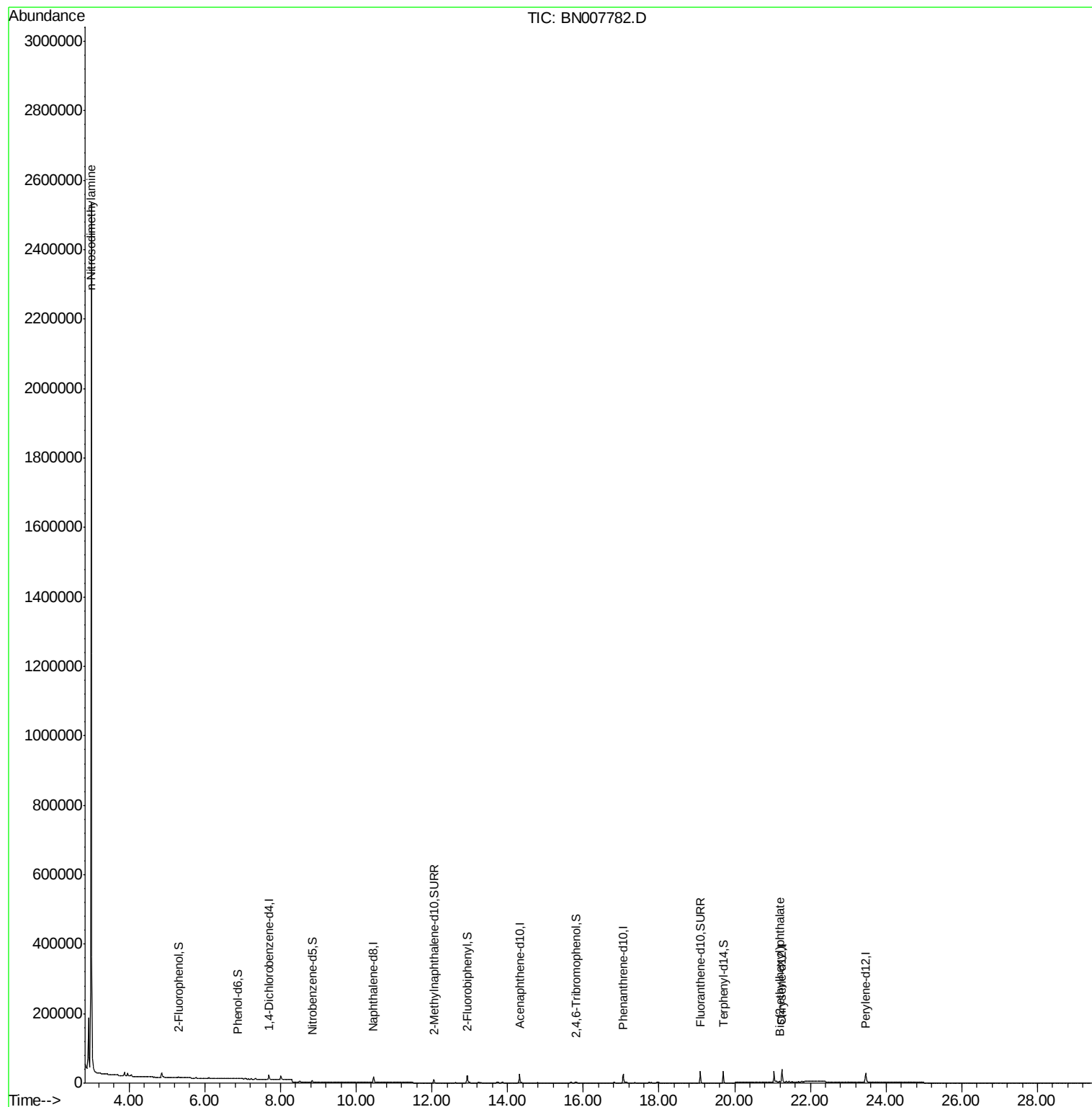
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6458	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24880	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14948	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	33927	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	36445	0.40	ng	-0.02
34) Perylene-d12	23.46	264	36978	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2098	0.09	ng	0.00
5) Phenol-d6	6.87	99	1477	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	6090	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	14276	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1579	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	21060	0.34	ng	0.00
25) Fluoranthene-d10	19.09	212	39416	0.34	ng	-0.02
29) Terphenyl-d14	19.70	244	33766	0.38	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.00	42	191203	57.995	ng	Qvalue # 67
32) Bis(2-ethylhexyl)phthalate	21.18	149	2786	0.040	ng	99

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

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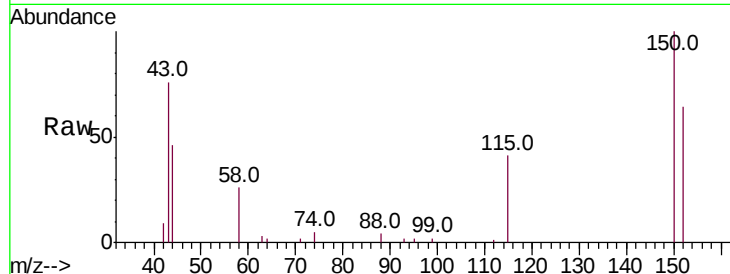


#1

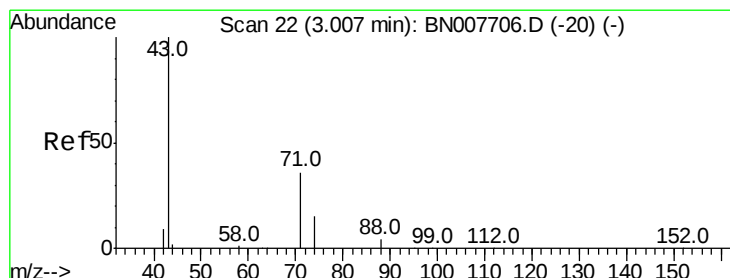
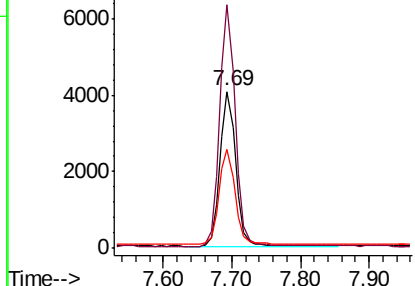
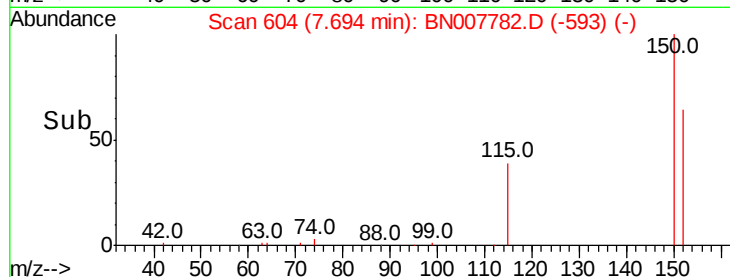
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007782.D
Acq: 21 Sep 2019 03:06

Instrument :
BNA_N
ClientSampleId :
EB02-20190918

Tot Ion:152 Resp: 6458
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 63.1 53.3 79.9



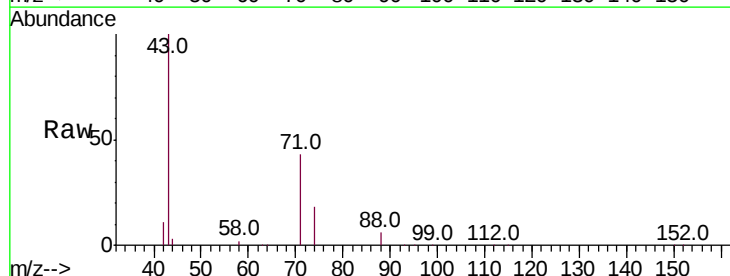
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



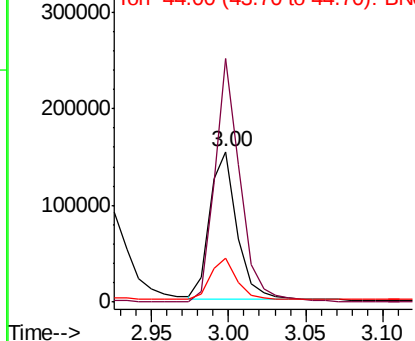
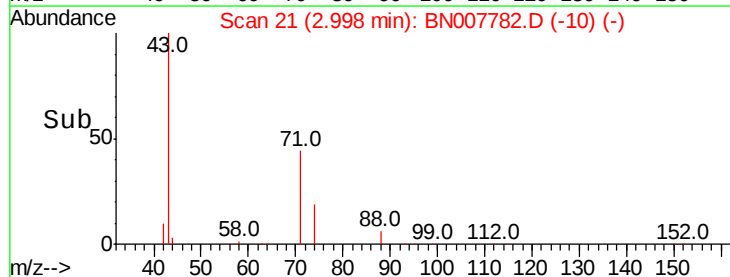
#3

n-Nitrosodimethylamine
Concen: 57.995 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007782.D
Acq: 21 Sep 2019 03:06

Tgt Ion: 42 Resp: 191203
Ion Ratio Lower Upper
42 100
74 150.7 87.9 131.9#
44 26.7 29.4 44.0#



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: 0.094 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

Instrument :

BNA_N

ClientSampleId :

EB02-20190918

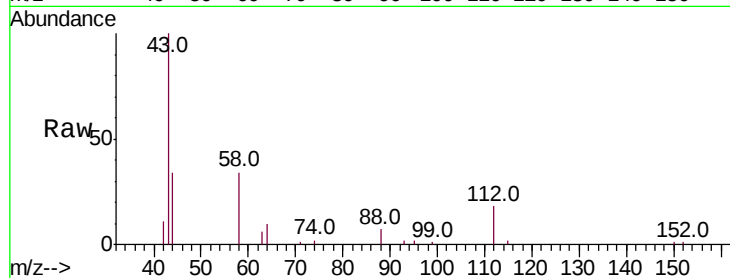
Tot Ion:112 Resp: 2098

Ion Ratio Lower Upper

112 100

64 60.1 46.6 70.0

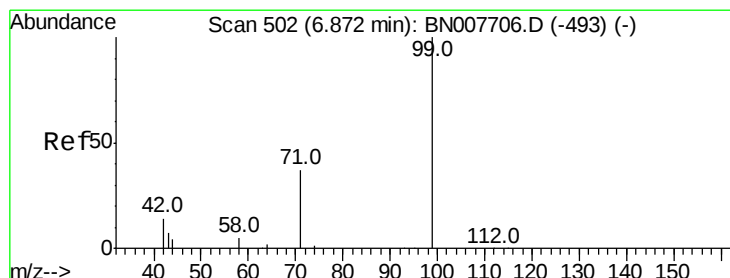
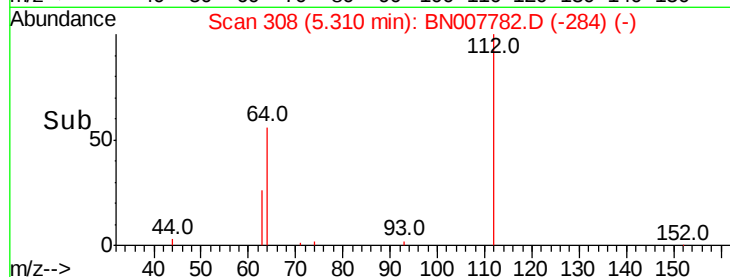
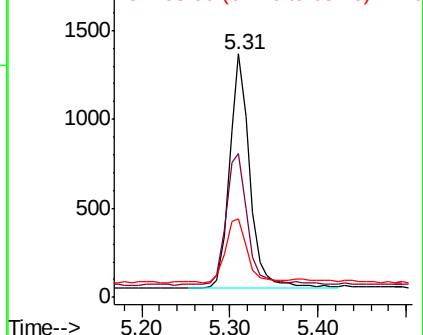
63 28.9 23.1 34.7



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: 0.048 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

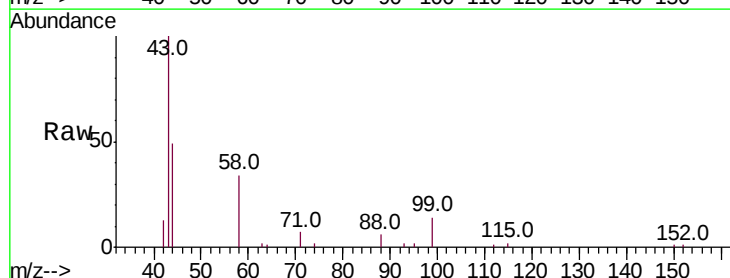
Tgt Ion: 99 Resp: 1477

Ion Ratio Lower Upper

99 100

42 37.8 12.8 19.2#

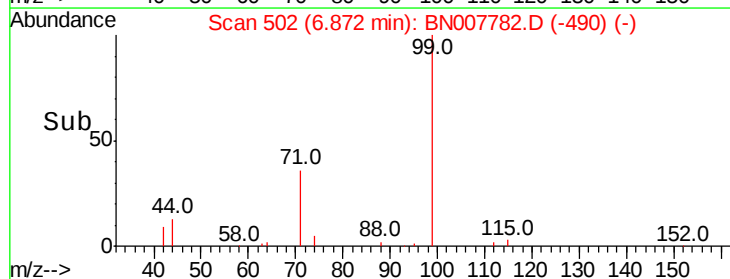
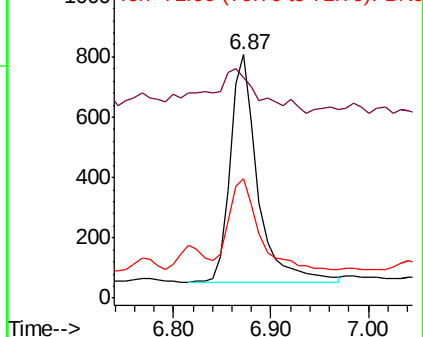
71 43.8 27.6 41.4#

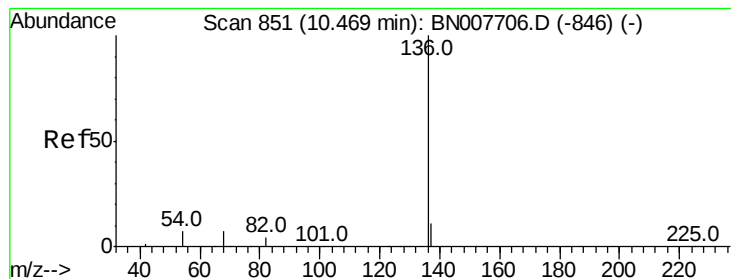


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

Instrument :

BNA_N

ClientSampleId :

EB02-20190918

Tot Ion:136 Resp: 24880

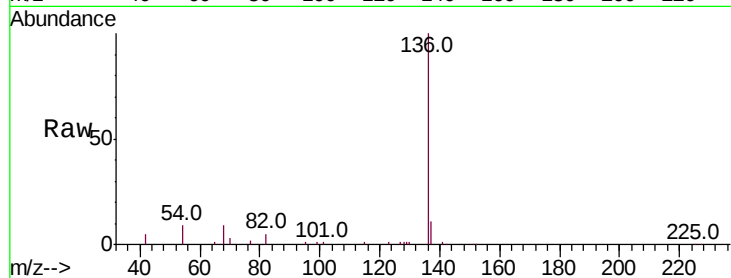
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.8 5.8 8.8

68 9.1 6.5 9.7

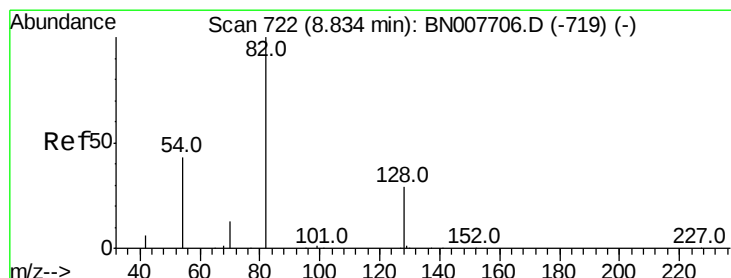
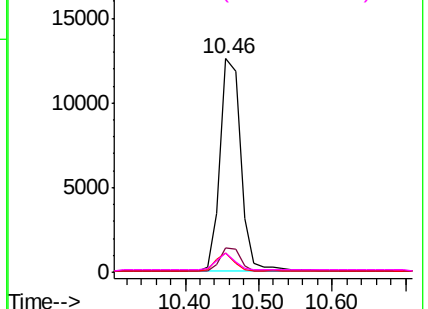
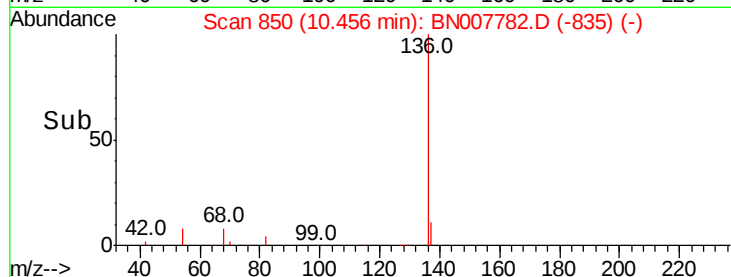


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.280 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

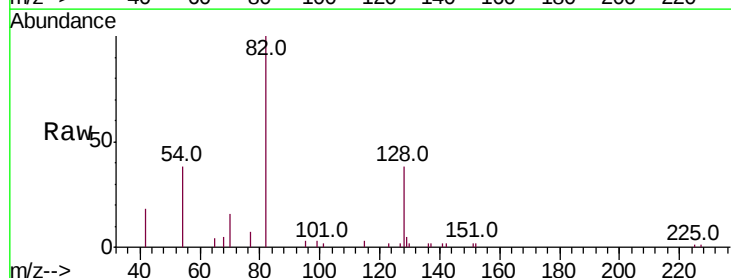
Tgt Ion: 82 Resp: 6090

Ion Ratio Lower Upper

82 100

128 38.0 24.5 36.7#

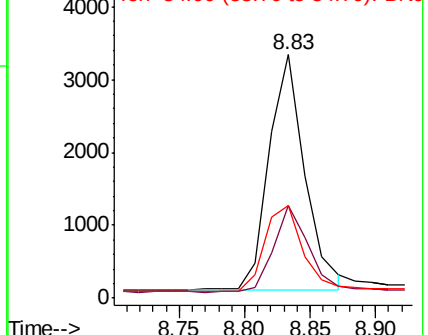
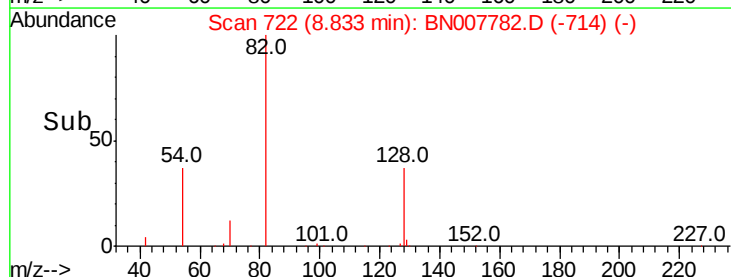
54 38.0 35.2 52.8

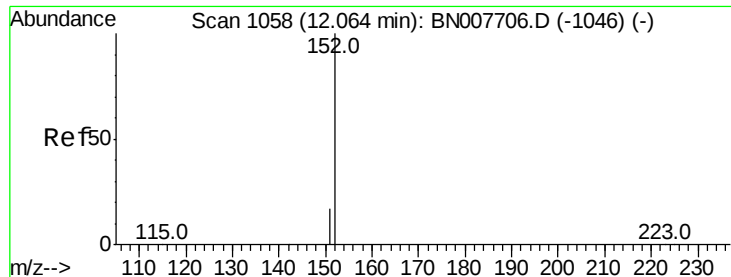


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

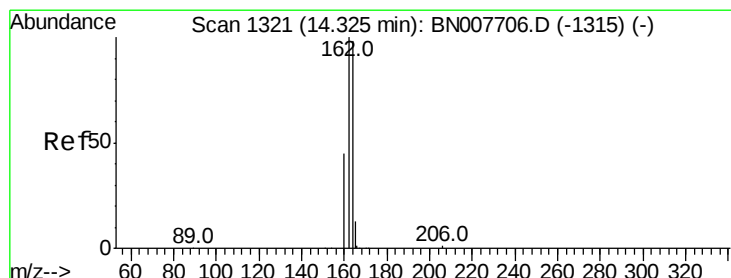
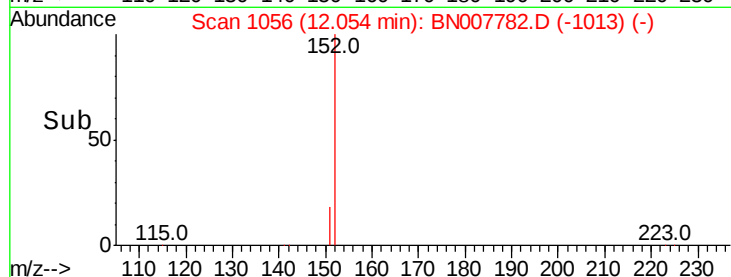
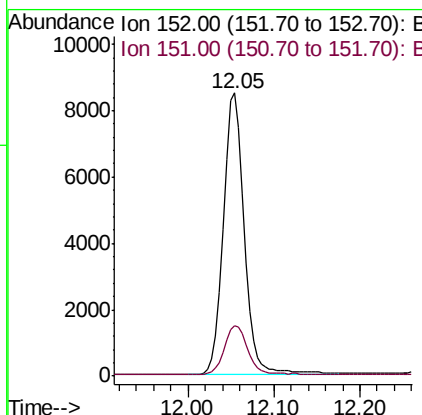
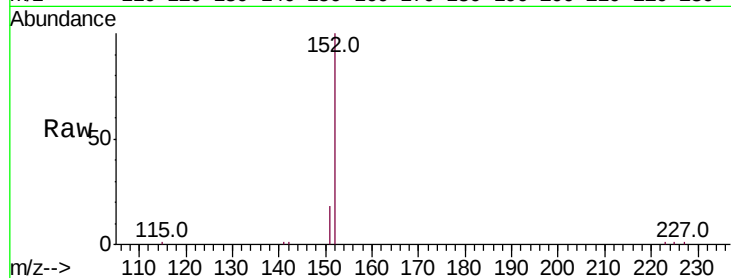




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007782.D
Acq: 21 Sep 2019 03:06

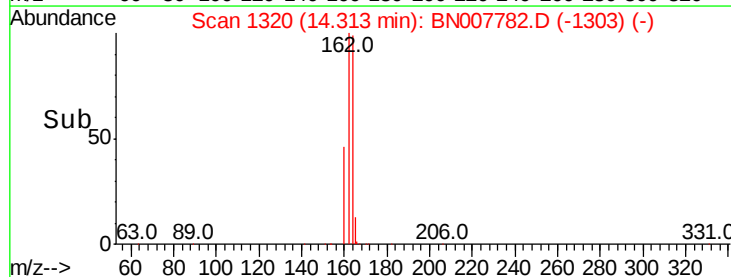
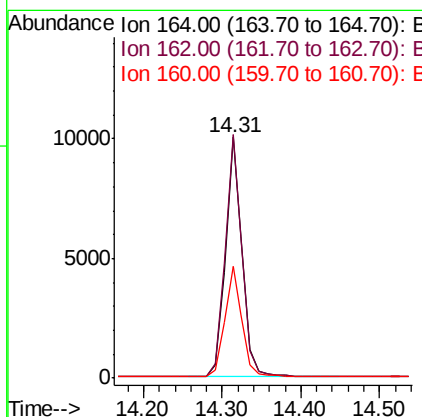
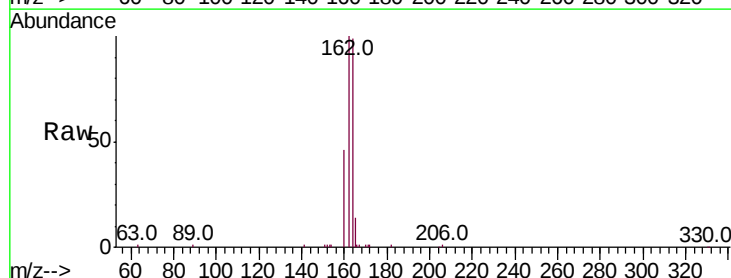
Instrument :
BNA_N
ClientSampleId :
EB02-20190918

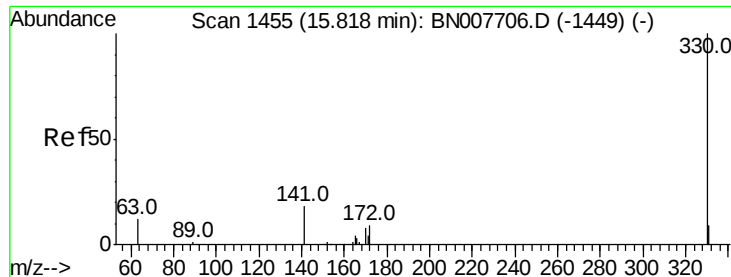
Tot Ion:152 Resp: 14276
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007782.D
Acq: 21 Sep 2019 03:06

Tgt Ion:164 Resp: 14948
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 46.7 37.0 55.4

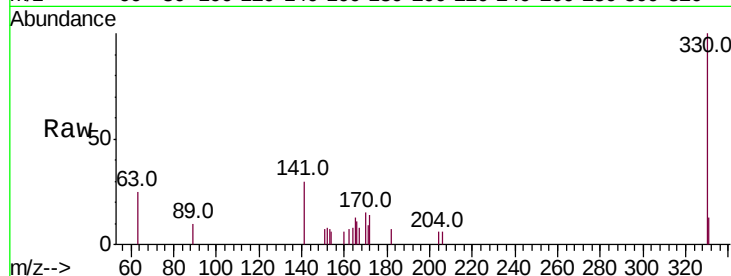




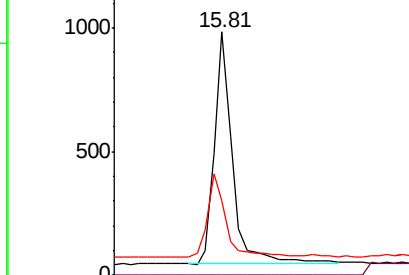
#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007782.D
Acq: 21 Sep 2019 03:06

Instrument :
BNA_N
ClientSampleId :
EB02-20190918

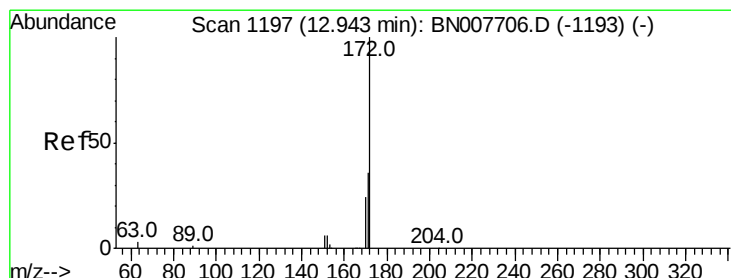
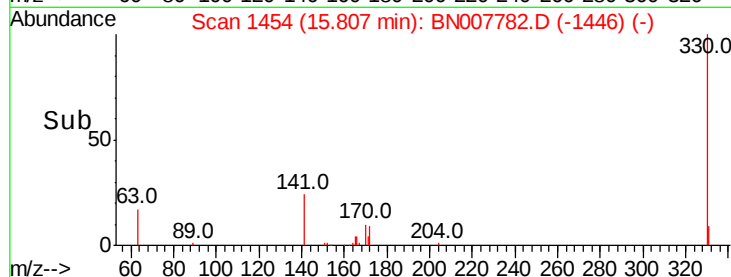
Tot Ion:330 Resp: 1579
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.7 28.7 43.1



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

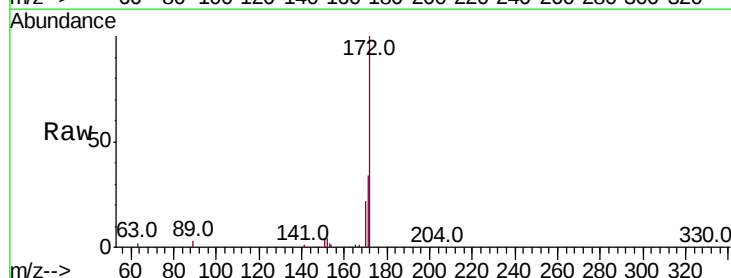


Time--> 15.70 15.80 15.90 16.00

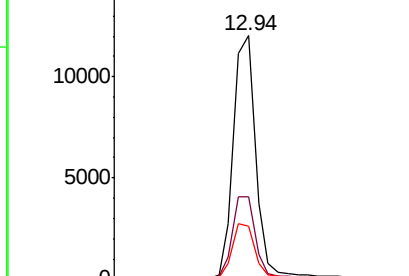


#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007782.D
Acq: 21 Sep 2019 03:06

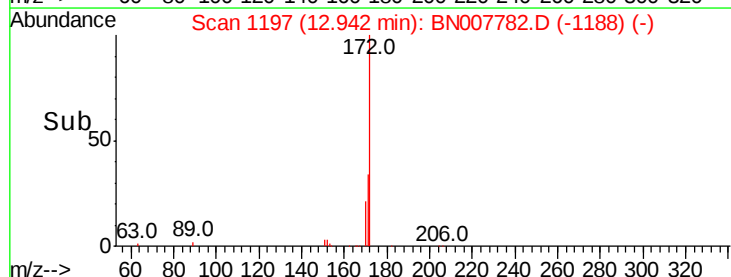
Tgt Ion:172 Resp: 21060
Ion Ratio Lower Upper
172 100
171 33.9 28.8 43.2
170 21.8 19.5 29.3

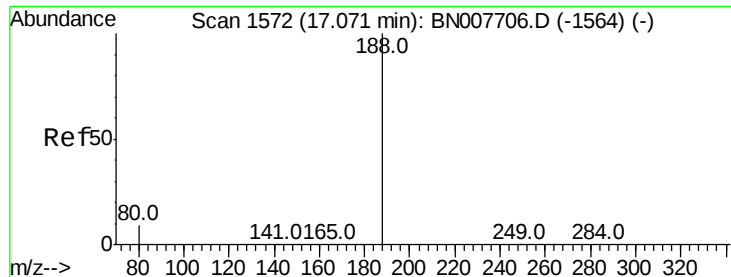


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



Time--> 12.80 12.90 13.00





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

Instrument :

BNA_N

ClientSampleId :

EB02-20190918

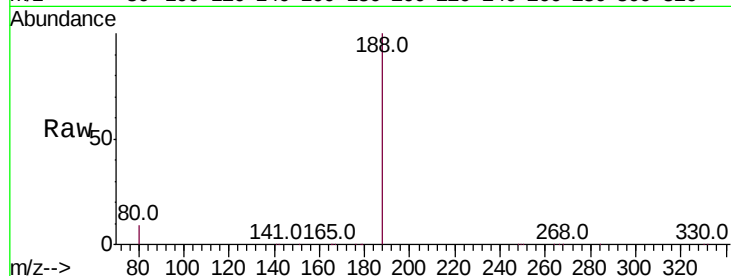
Tot Ion:188 Resp: 33927

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.4 11.2



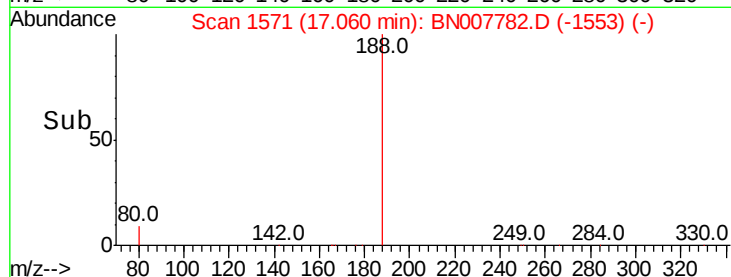
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

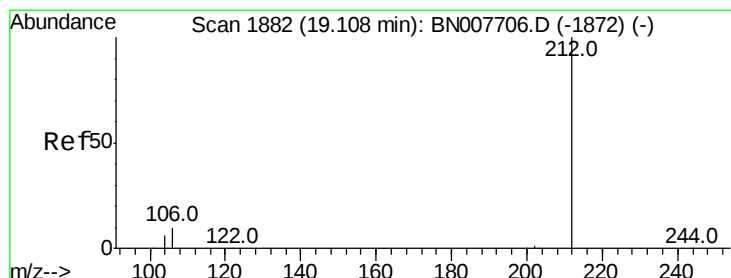
Ion 80.00 (79.70 to 80.70): BNC

17.06

Time-->



Time-->



#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

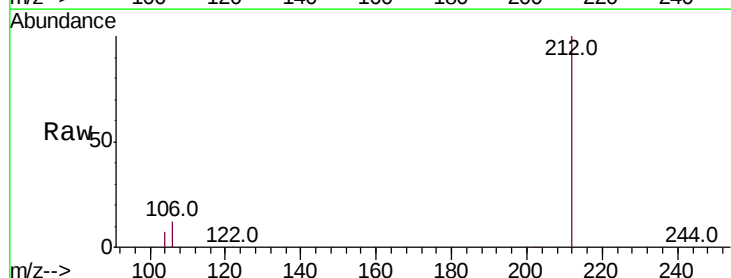
Tgt Ion:212 Resp: 39416

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

104 6.5 5.3 7.9



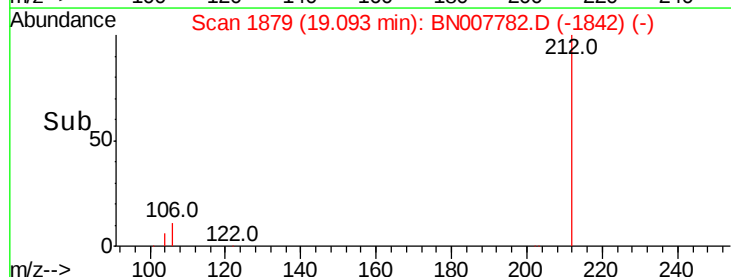
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

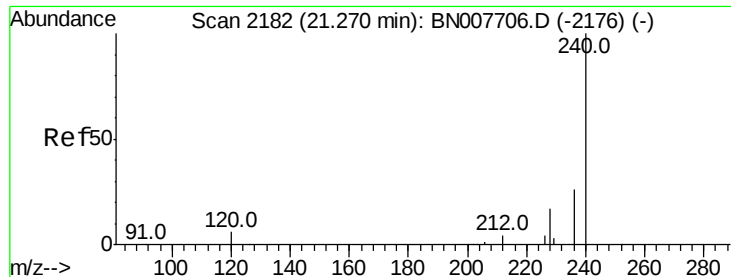
Ion 104.00 (103.70 to 104.70): E

19.09

Time-->



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

Instrument :

BNA_N

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EB02-20190918

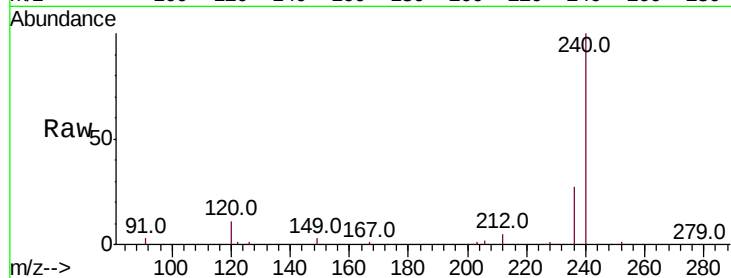
Tot Ion:240 Resp: 36445

Ion Ratio Lower Upper

240 100

120 10.8 5.4 8.2#

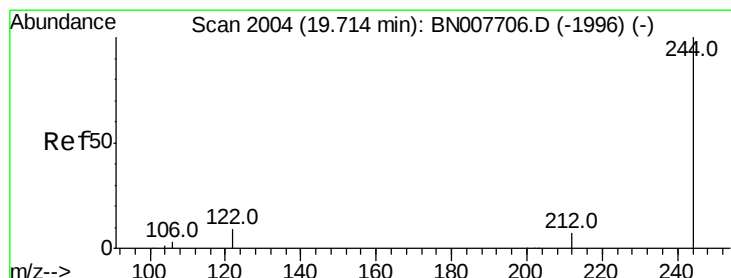
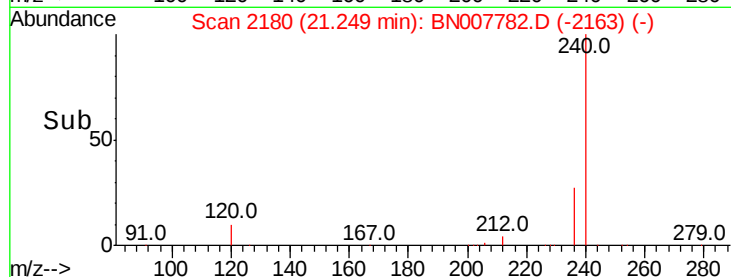
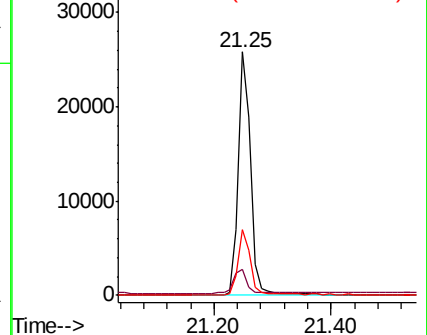
236 26.8 21.0 31.4



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: 0.377 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

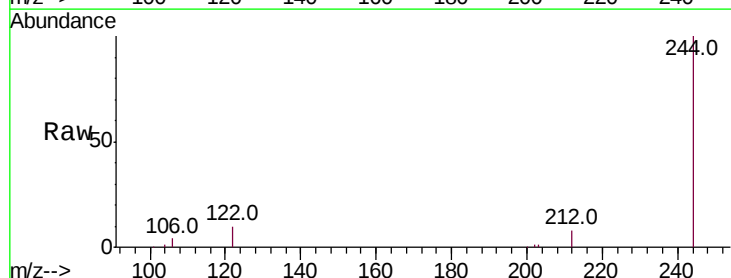
Tgt Ion:244 Resp: 33766

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

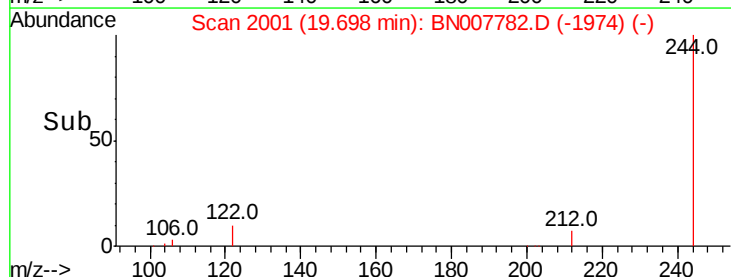
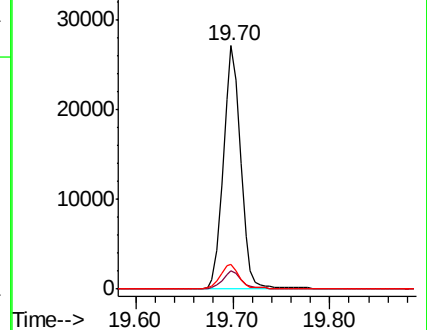
122 10.1 7.4 11.2

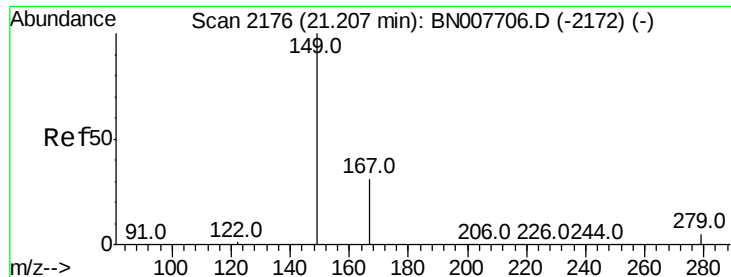


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.18 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

Instrument :

BNA_N

ClientSampleId :

EB02-20190918

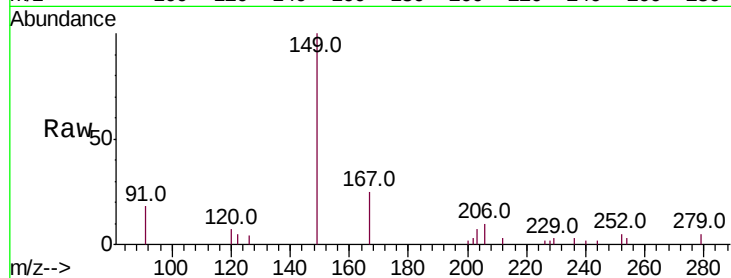
Tot Ion:149 Resp: 2786

Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

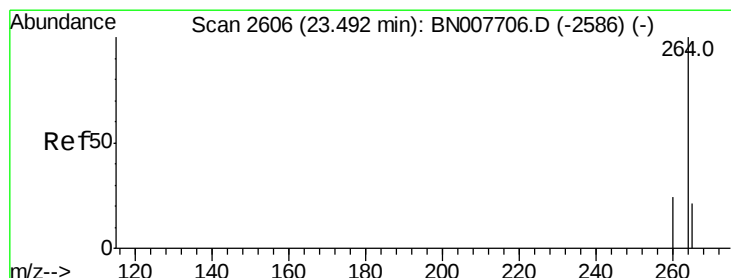
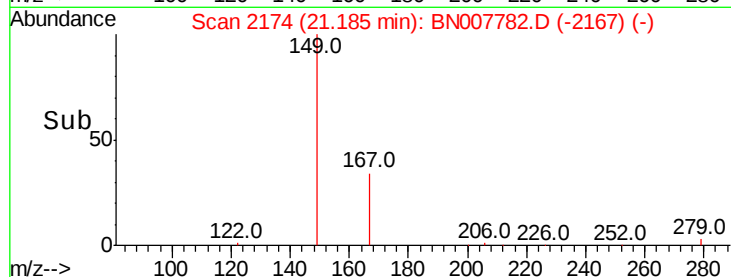
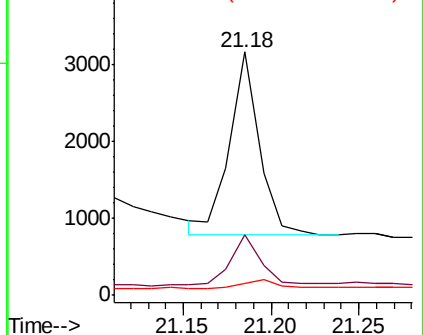
279 5.5 4.2 6.2



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

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2598

Delta R.T. -0.03 min

Lab File: BN007782.D

Acq: 21 Sep 2019 03:06

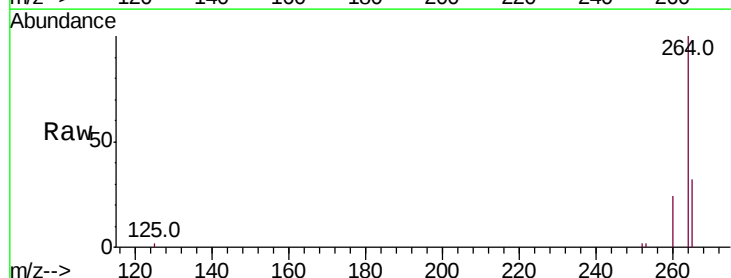
Tgt Ion:264 Resp: 36978

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 32.1 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

