

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007729.D
 Acq On : 19 Sep 2019 05:14
 Operator : HP/JU
 Sample : K4896-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20190912

Quant Time: Sep 19 07:27:41 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

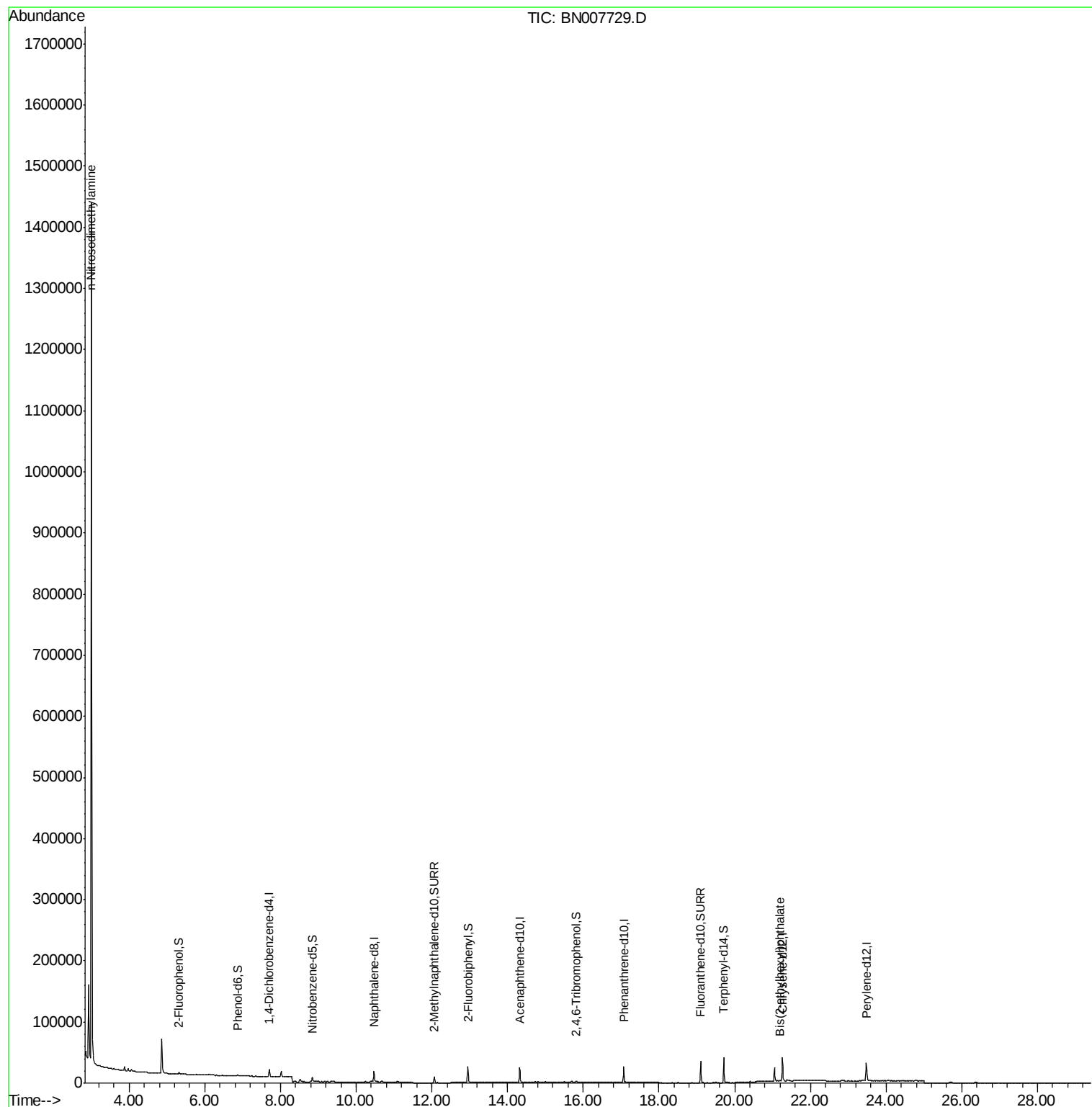
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6037	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23143	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14008	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	33163	0.40	ng	0.00
27) Chrysene-d12	21.26	240	36125	0.40	ng	0.00
34) Perylene-d12	23.48	264	39030	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2418	0.12	ng	0.00
5) Phenol-d6	6.88	99	1903	0.07	ng	0.00
8) Nitrobenzene-d5	8.83	82	6847	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	13703	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1693	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	23656	0.41	ng	0.00
25) Fluoranthene-d10	19.10	212	40741	0.36	ng	0.00
29) Terphenyl-d14	19.71	244	41122	0.46	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.01	42	106741	34.634	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.20	149	1378	0.020	ng	# 95

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

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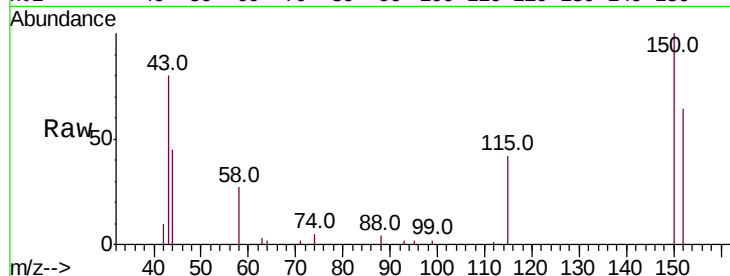


#1

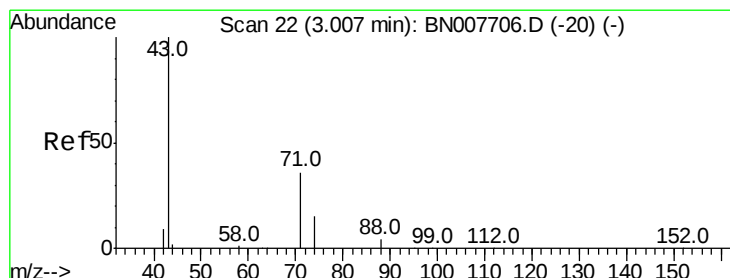
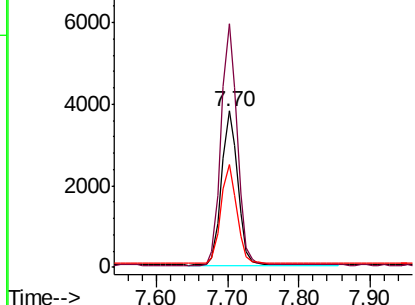
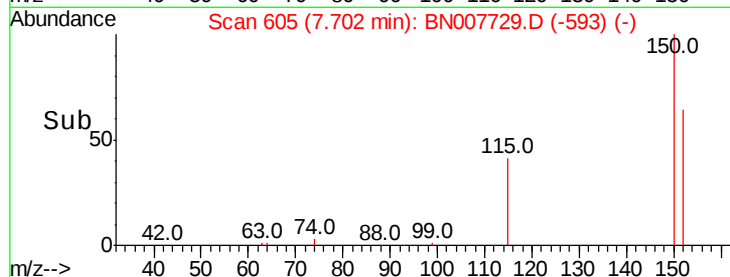
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007729.D
Acq: 19 Sep 2019 05:14

Instrument :
BNA_N
ClientSampleId :
FB01-20190912

Tot Ion:152 Resp: 6037
Ion Ratio Lower Upper
152 100
150 156.1 125.6 188.4
115 66.1 53.3 79.9



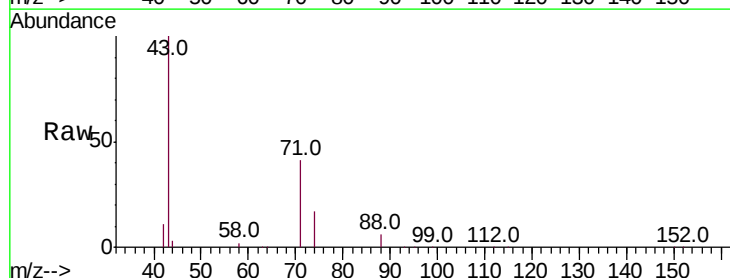
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



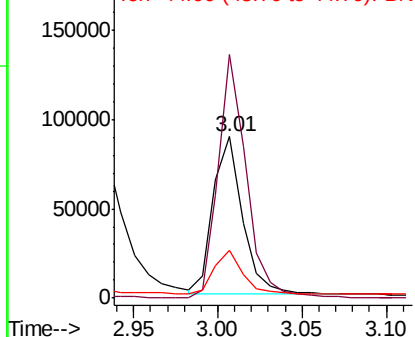
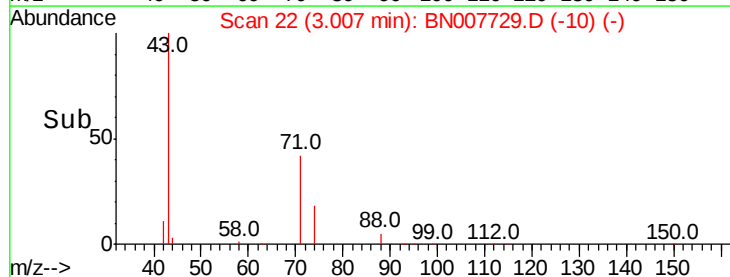
#3

n-Nitrosodimethylamine
Concen: 34.634 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007729.D
Acq: 19 Sep 2019 05:14

Tgt Ion: 42 Resp: 106741
Ion Ratio Lower Upper
42 100
74 147.4 87.9 131.9#
44 26.6 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: 0.116 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

Instrument :

BNA_N

ClientSampleId :

FB01-20190912

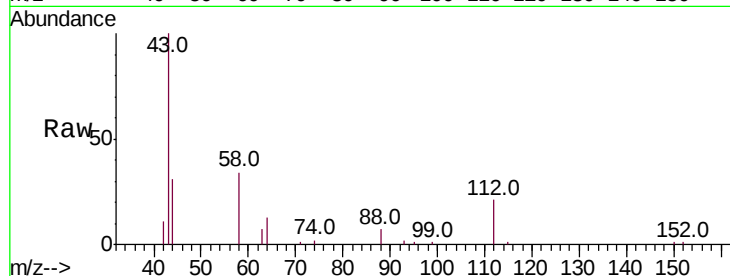
Tot Ion:112 Resp: 2418

Ion Ratio Lower Upper

112 100

64 59.7 46.6 70.0

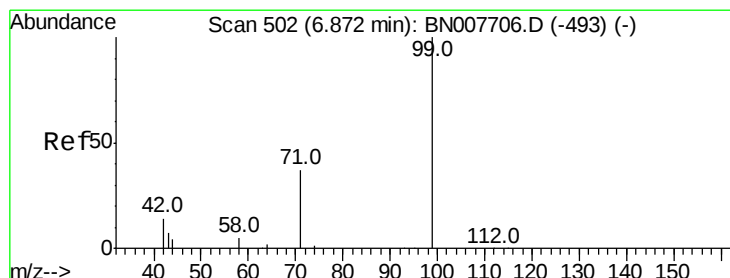
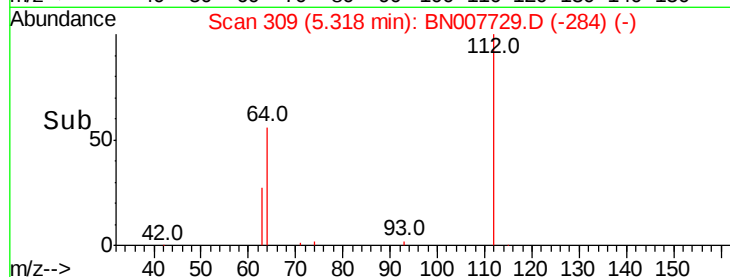
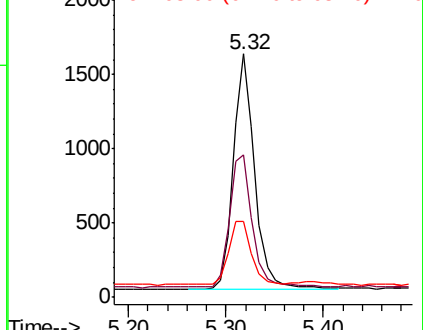
63 28.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.068 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

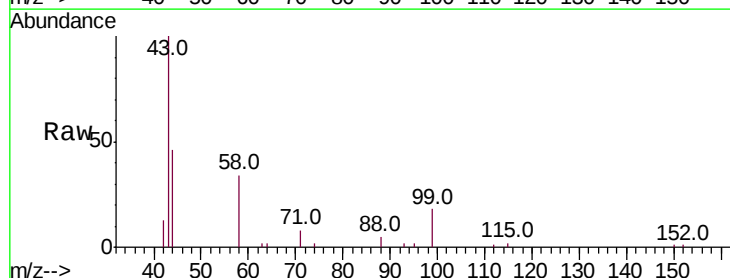
Tgt Ion: 99 Resp: 1903

Ion Ratio Lower Upper

99 100

42 21.4 12.8 19.2#

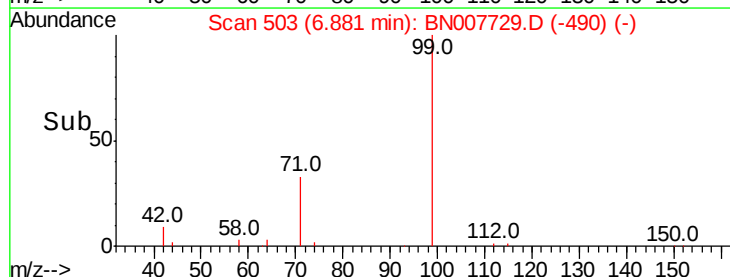
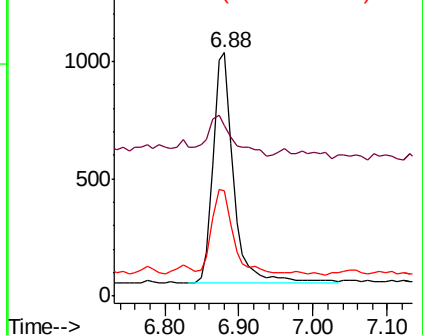
71 38.4 27.6 41.4

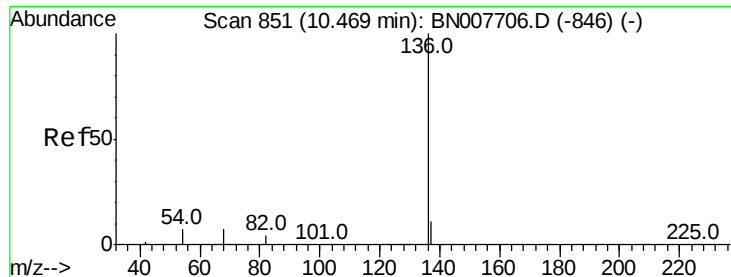


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

Instrument :

BNA_N

ClientSampleId :

FB01-20190912

Tot Ion:136 Resp: 23143

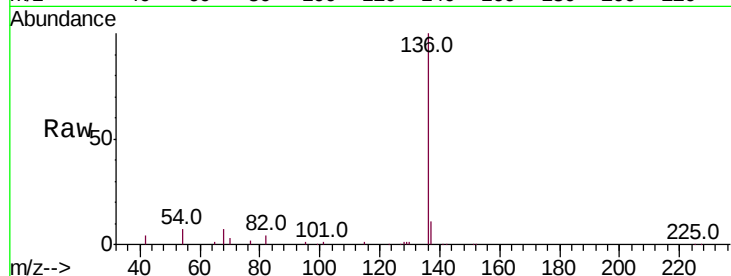
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.7 5.8 8.8

68 7.4 6.5 9.7

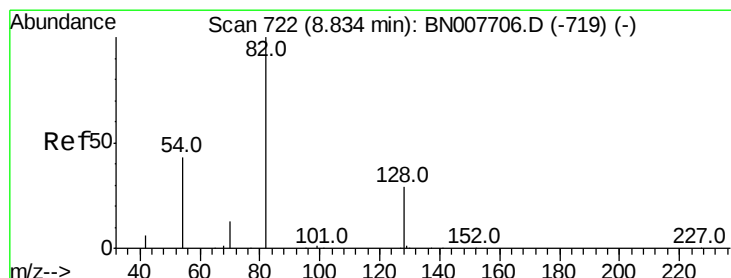
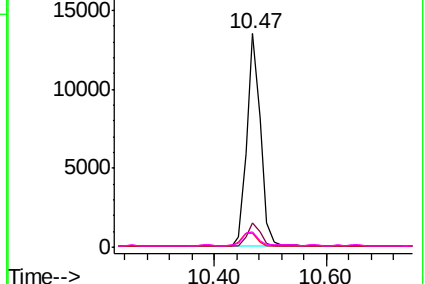
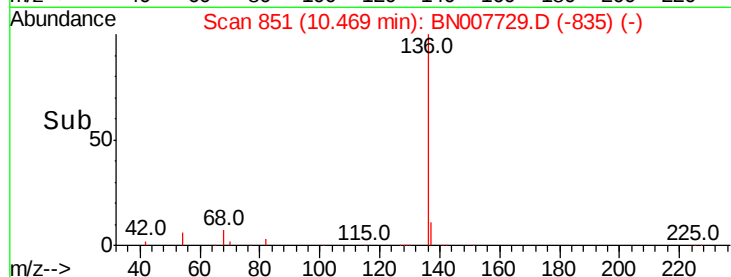


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

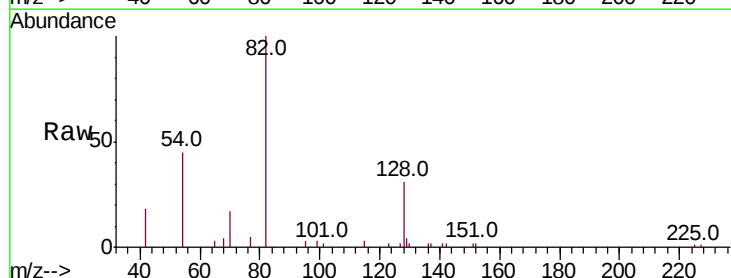
Tgt Ion: 82 Resp: 6847

Ion Ratio Lower Upper

82 100

128 31.4 24.5 36.7

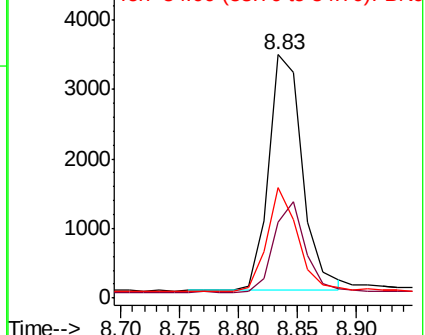
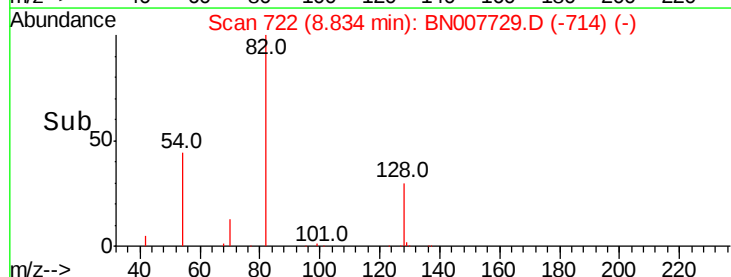
54 45.2 35.2 52.8

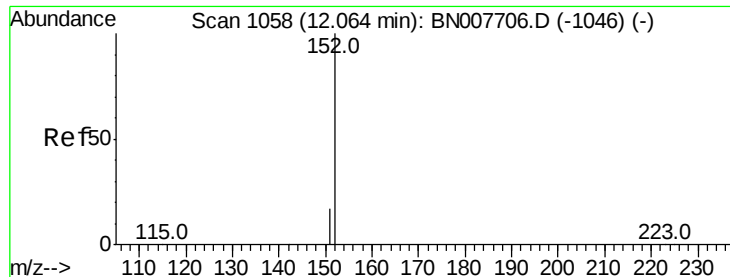


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

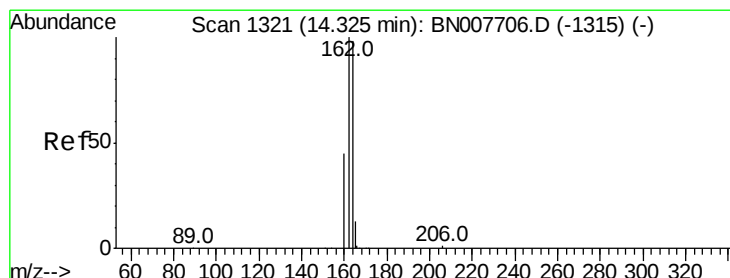
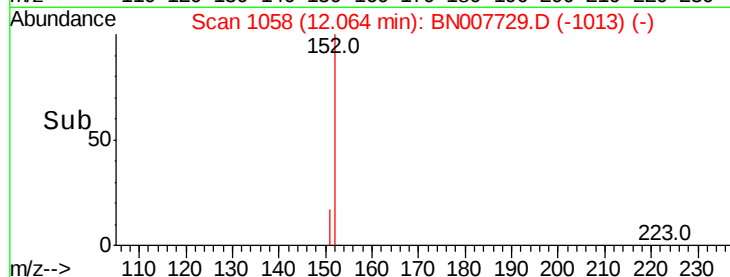
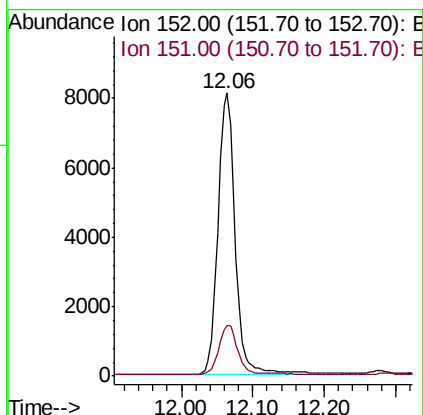
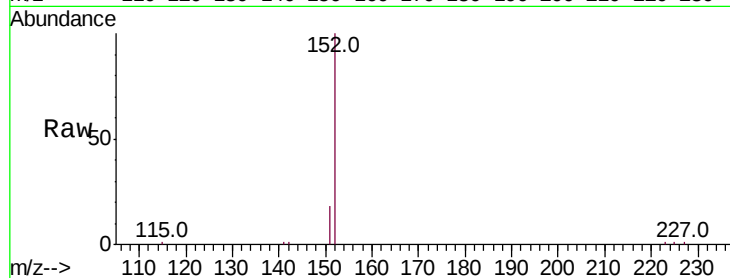




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007729.D
Acq: 19 Sep 2019 05:14

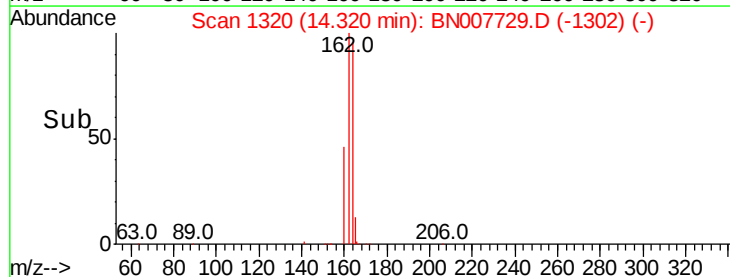
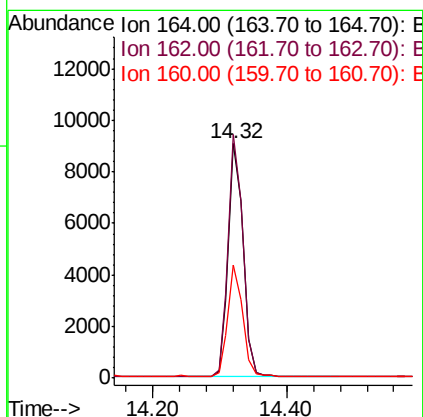
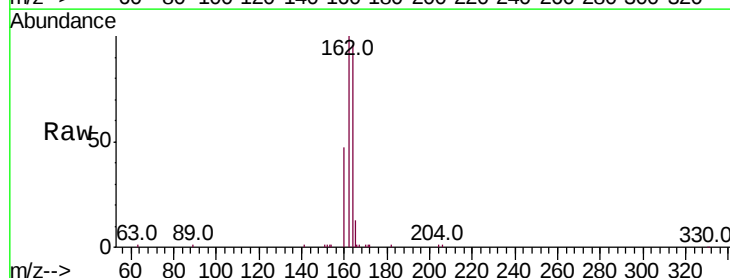
Instrument :
BNA_N
ClientSampleId :
FB01-20190912

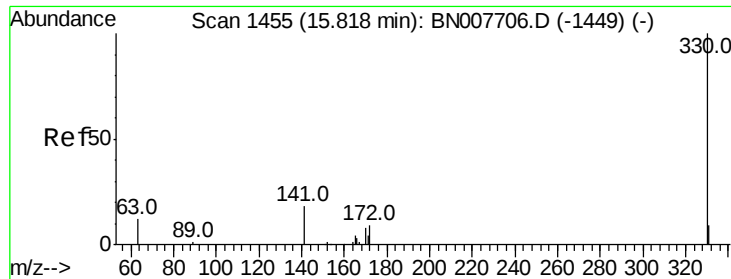
Tot Ion:152 Resp: 13703
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007729.D
Acq: 19 Sep 2019 05:14

Tgt Ion:164 Resp: 14008
Ion Ratio Lower Upper
164 100
162 103.8 81.7 122.5
160 48.4 37.0 55.4

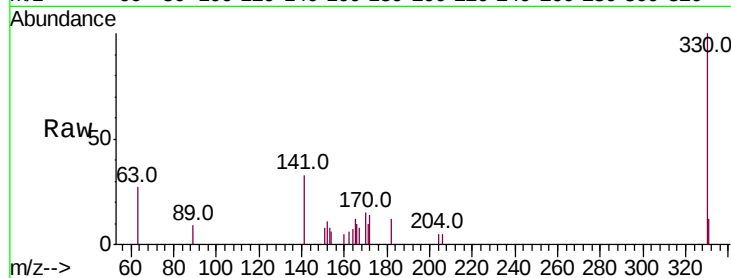




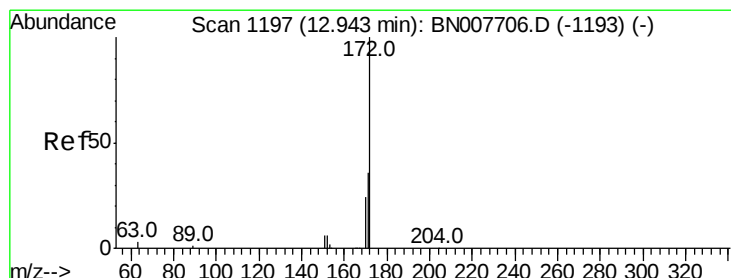
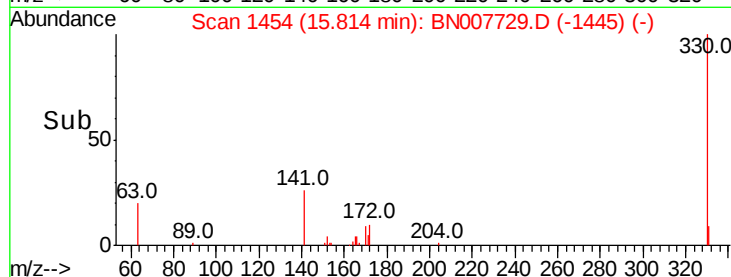
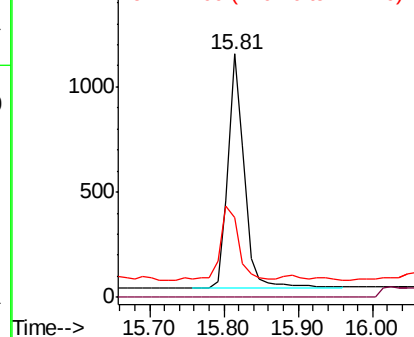
#14
 2,4,6-Tribromophenol
 Concen: 0.222 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BN007729.D
 Acq: 19 Sep 2019 05:14

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20190912

Tot Ion:330 Resp: 1693
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.6 28.7 43.1

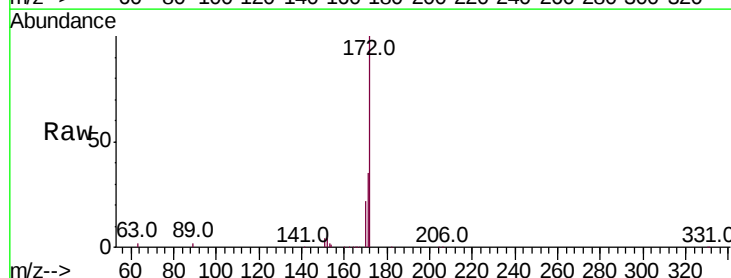


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

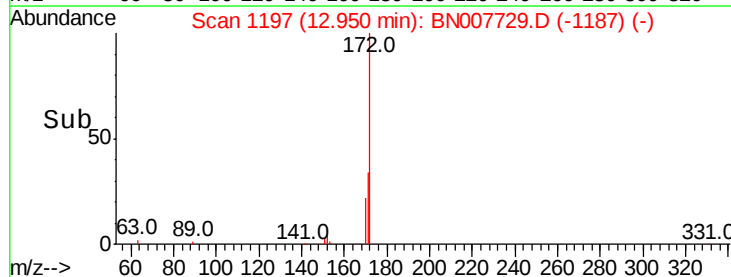
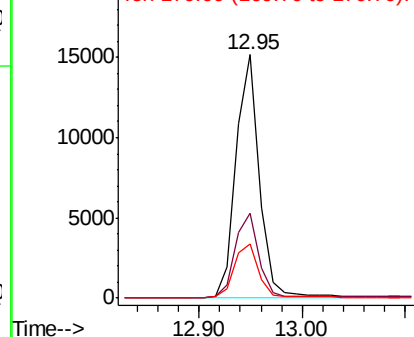


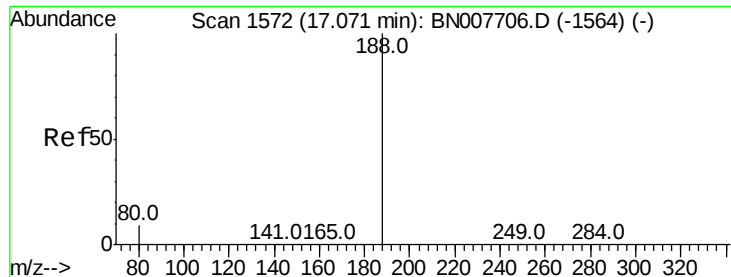
#15
 2-Fluorobiphenyl
 Concen: 0.410 ng
 RT: 12.95 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BN007729.D
 Acq: 19 Sep 2019 05:14

Tgt Ion:172 Resp: 23656
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.8 43.2
 170 22.4 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

Instrument :

BNA_N

ClientSampleId :

FB01-20190912

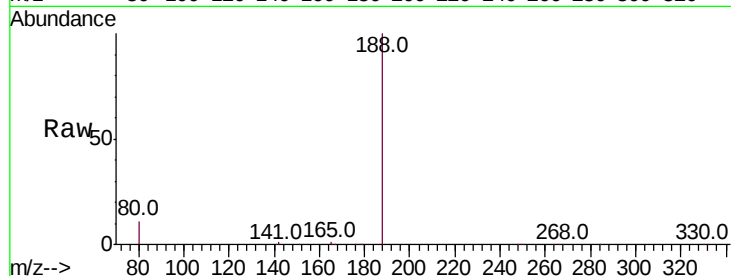
Tot Ion:188 Resp: 33163

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

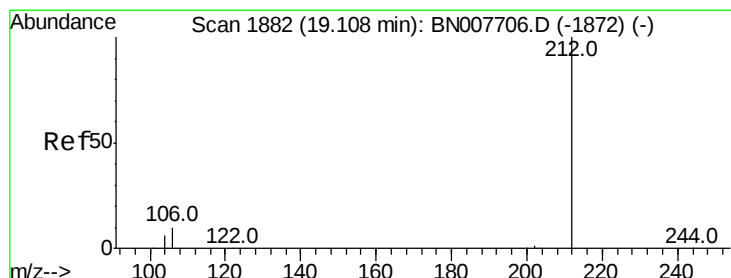
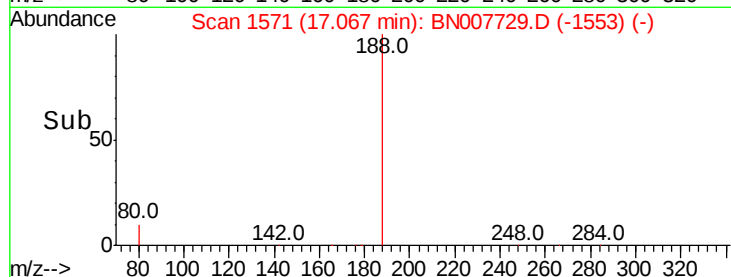
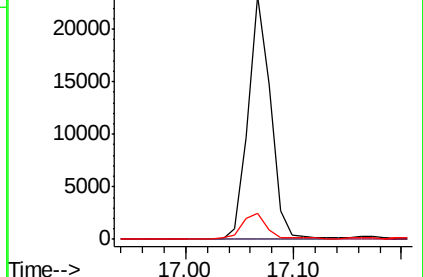
80 10.9 7.4 11.2



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



#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

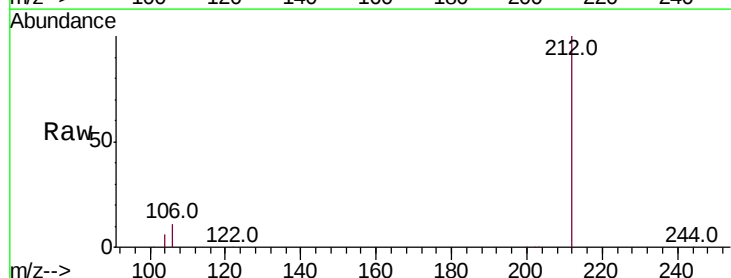
Tgt Ion:212 Resp: 40741

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

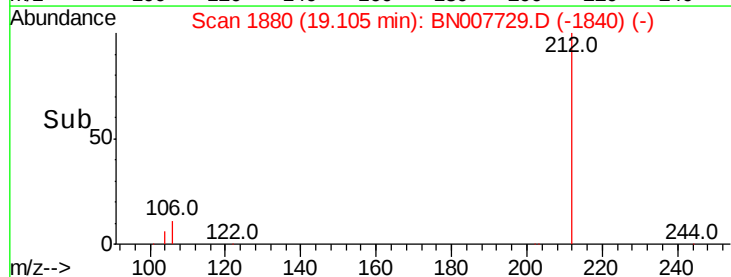
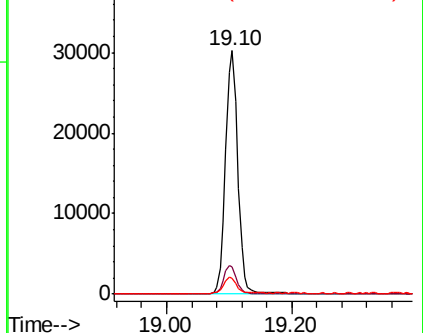
104 6.7 5.3 7.9

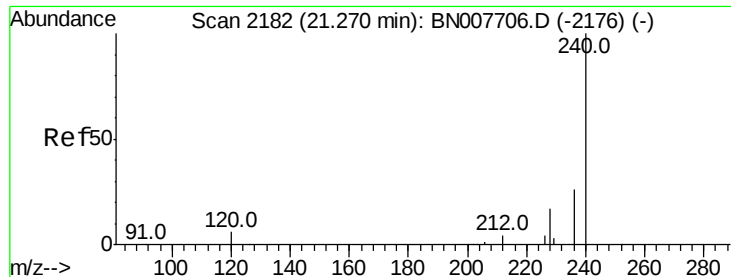


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.26 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

Instrument :

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FB01-20190912

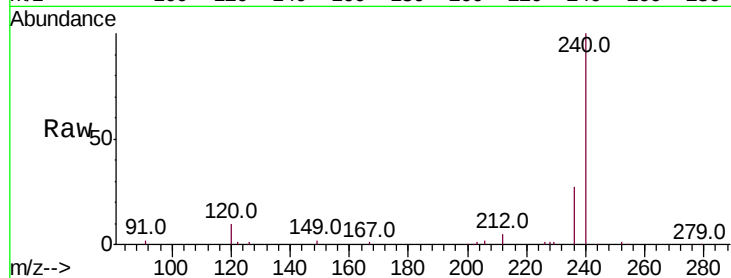
Tot Ion:240 Resp: 36125

Ion Ratio Lower Upper

240 100

120 9.9 5.4 8.2#

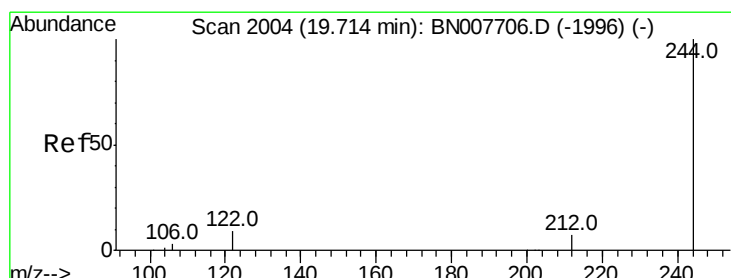
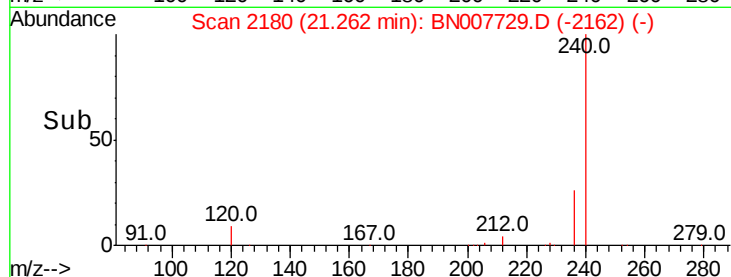
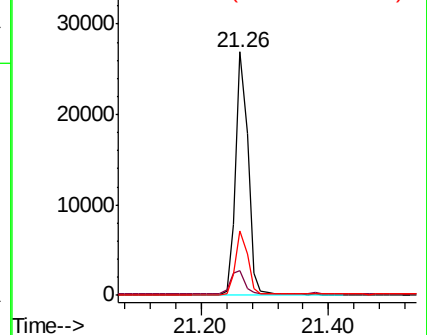
236 26.7 21.0 31.4



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: 0.463 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

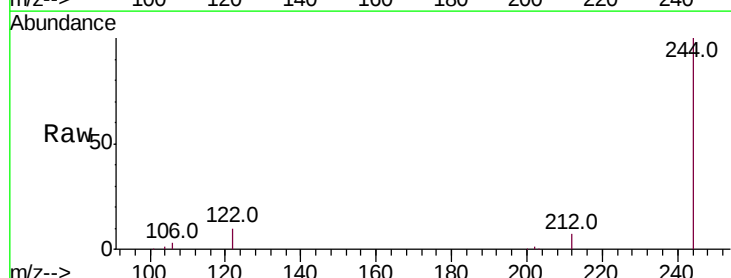
Tgt Ion:244 Resp: 41122

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

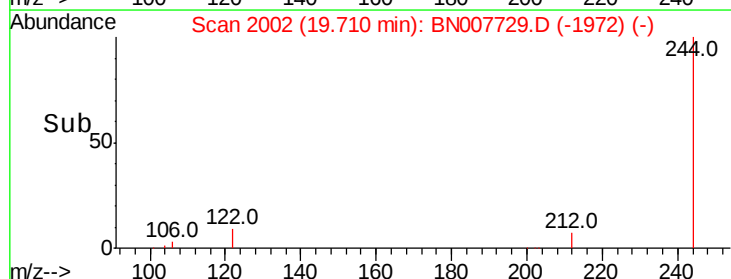
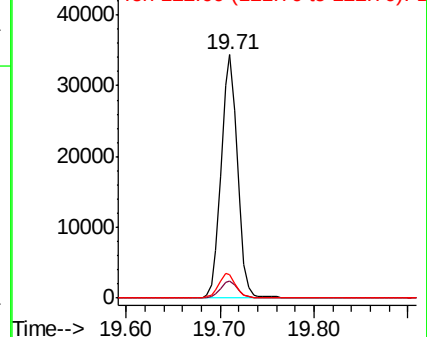
122 9.5 7.4 11.2

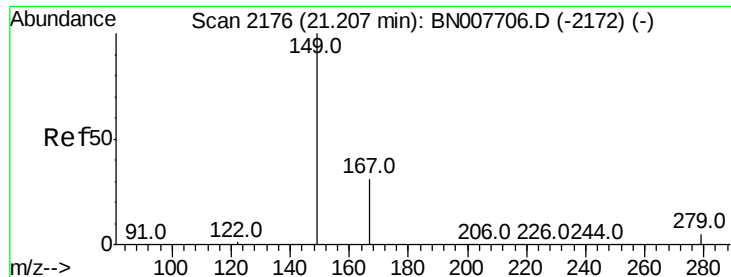


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.020 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

Instrument :

BNA_N

ClientSampleId :

FB01-20190912

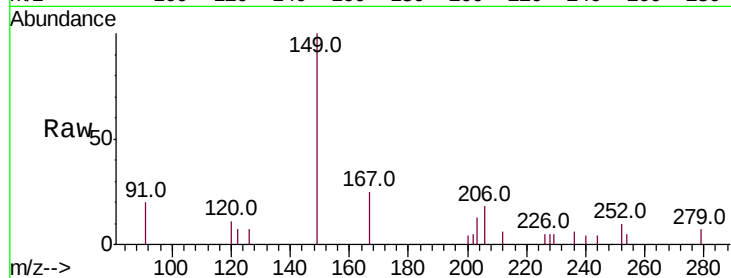
Tot Ion:149 Resp: 1378

Ion Ratio Lower Upper

149 100

167 27.4 23.7 35.5

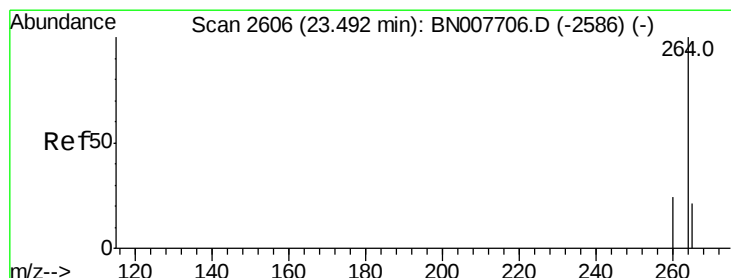
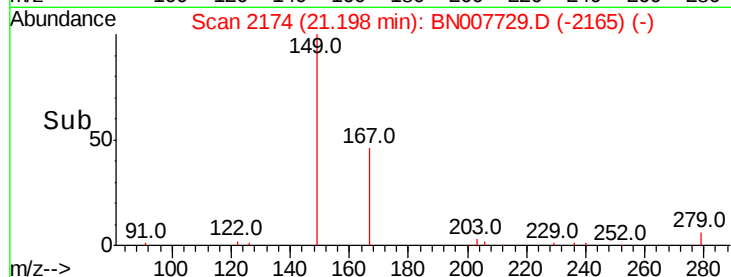
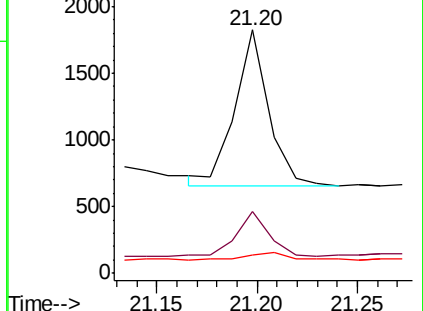
279 9.2 4.2 6.2#



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: 23.48 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BN007729.D

Acq: 19 Sep 2019 05:14

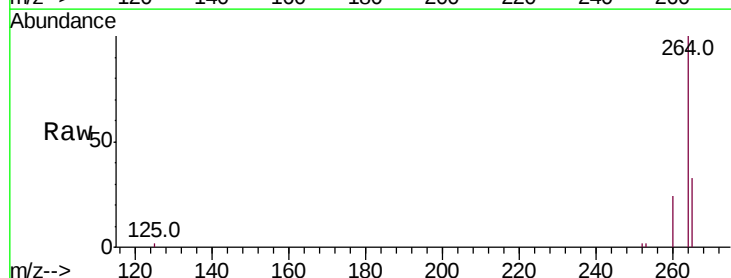
Tgt Ion:264 Resp: 39030

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 32.9 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

