

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008025.D
 Acq On : 05 Oct 2019 14:40
 Operator : JU
 Sample : PB123460BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BL

Quant Time: Oct 07 00:14:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

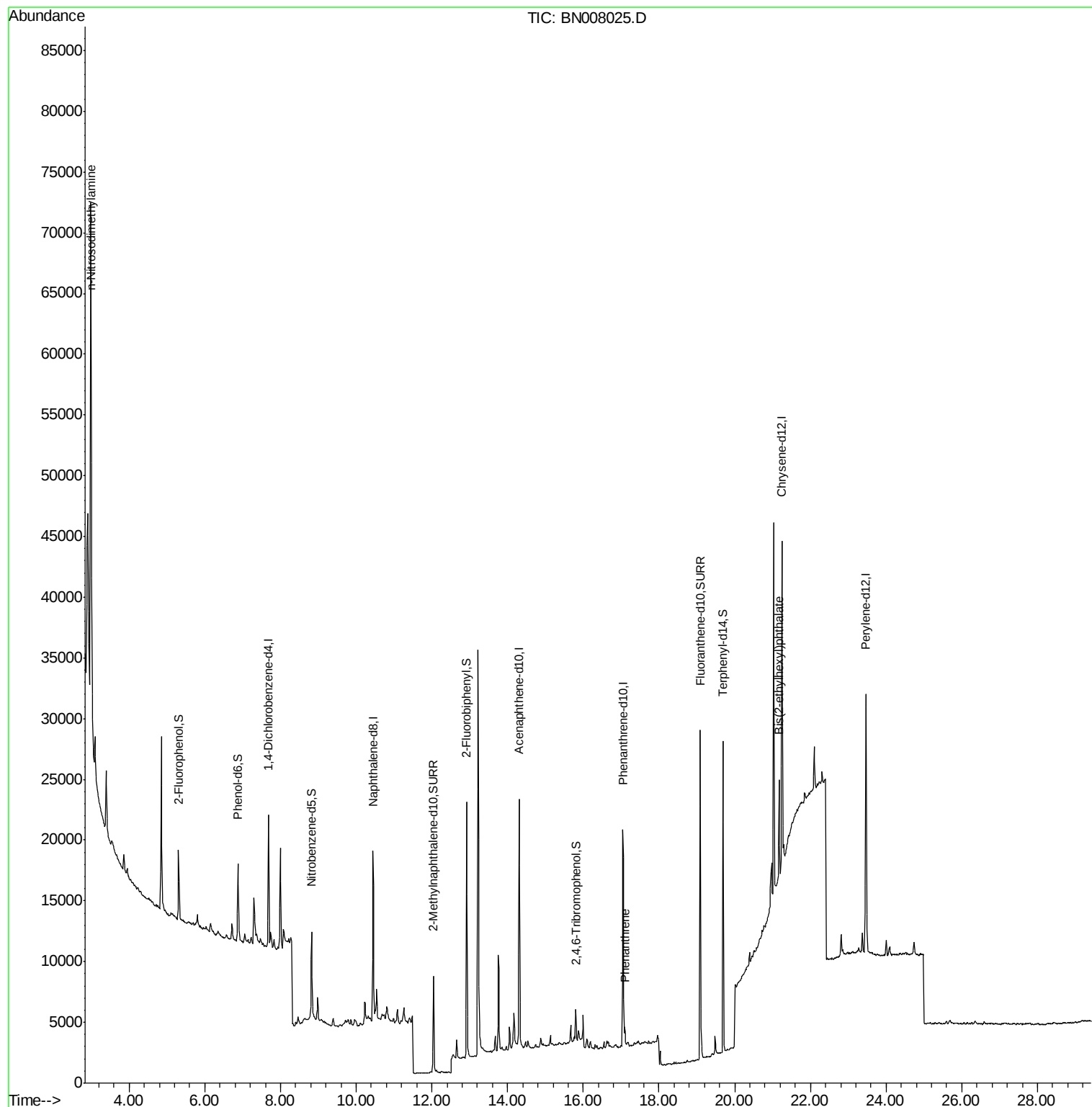
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	5200	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	20402	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	12934	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	25842	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	26498	0.40	ng	-0.02
34) Perylene-d12	23.47	264	27777	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	5201	0.29	ng	0.00
5) Phenol-d6	6.88	99	6813	0.30	ng	0.00
8) Nitrobenzene-d5	8.82	82	6176	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11346	0.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	2353	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	15644	0.29	ng	-0.02
25) Fluoranthene-d10	19.09	212	31157	0.36	ng	-0.02
29) Terphenyl-d14	19.69	244	25674	0.39	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	2.99	42	6922	2.608	ng	Qvalue # 85
23) Phenanthrene	17.09	178	1628	0.020	ng	97
32) Bis(2-ethylhexyl)phthalate	21.17	149	6327	0.126	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: 7.68 min Scan# 602

Delta R.T. -0.02 min

Lab File: BN008025.D

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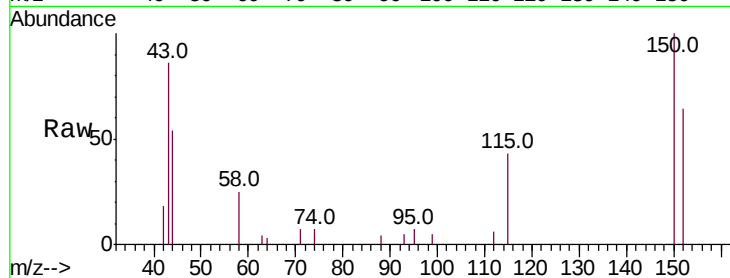
Tot Ion:152 Resp: 5200

Ion Ratio Lower Upper

152 100

150 155.5 125.6 188.4

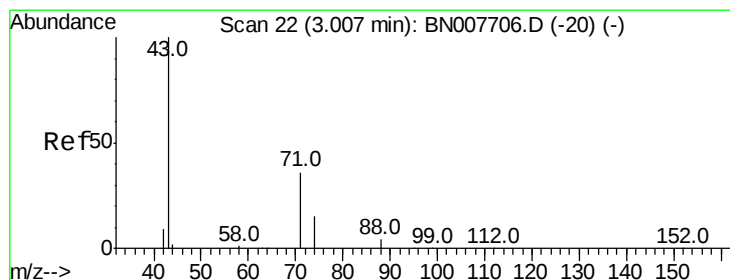
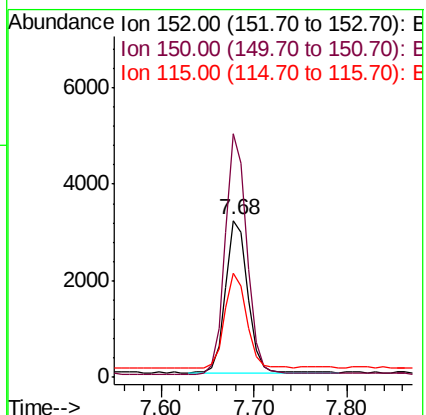
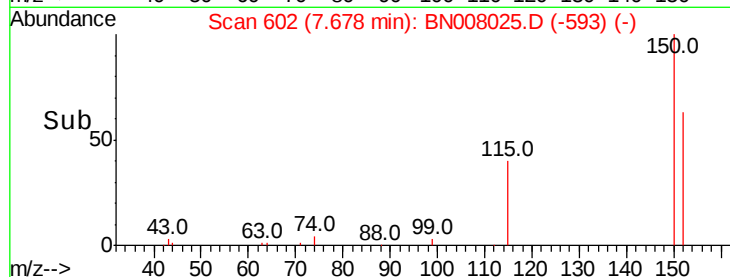
115 66.8 53.3 79.9



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: 2.608 ng

RT: 2.99 min Scan# 20

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

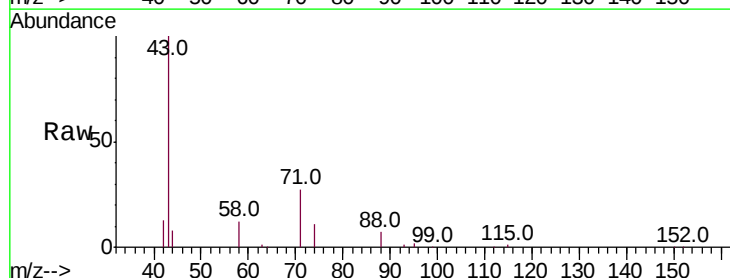
Tgt Ion: 42 Resp: 6922

Ion Ratio Lower Upper

42 100

74 124.2 87.9 131.9

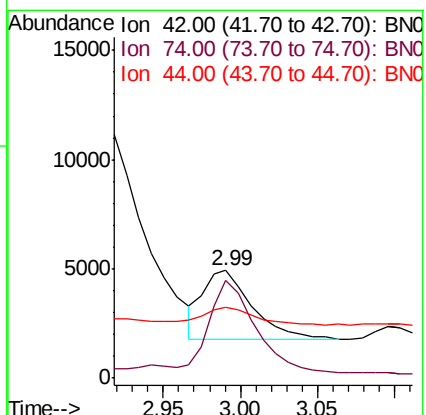
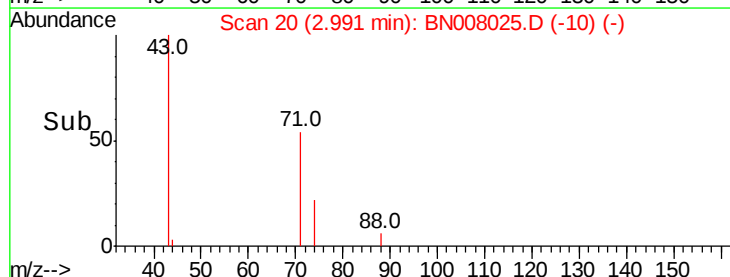
44 25.8 29.4 44.0#

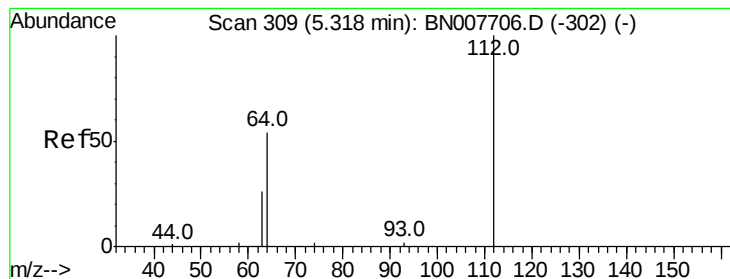


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.291 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN008025.D

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PB123460BL

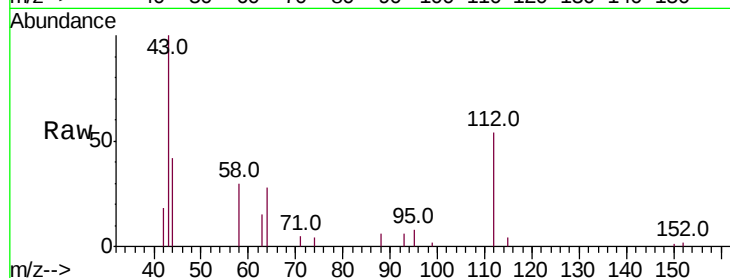
Tot Ion:112 Resp: 5201

Ion Ratio Lower Upper

112 100

64 58.2 46.6 70.0

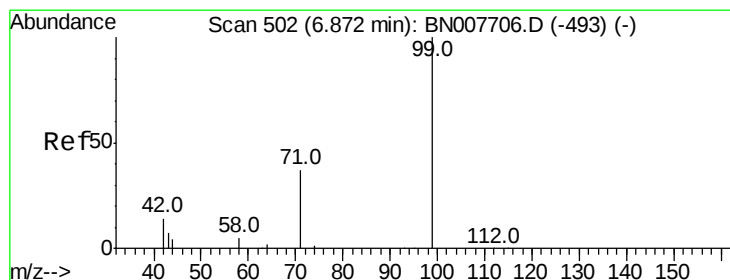
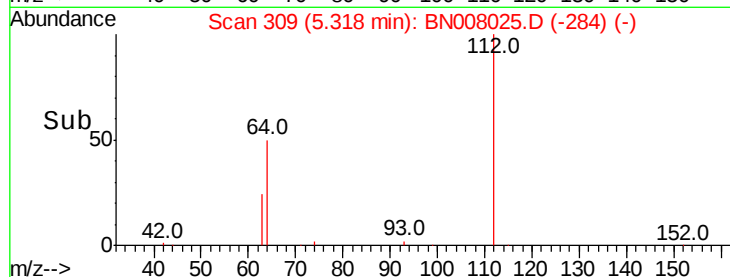
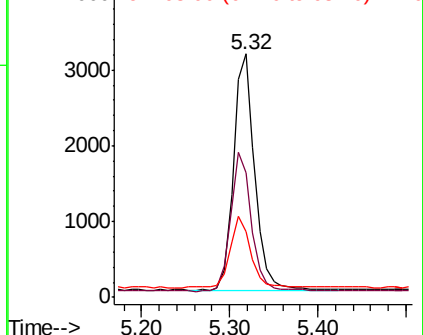
63 30.4 23.1 34.7



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: 0.304 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

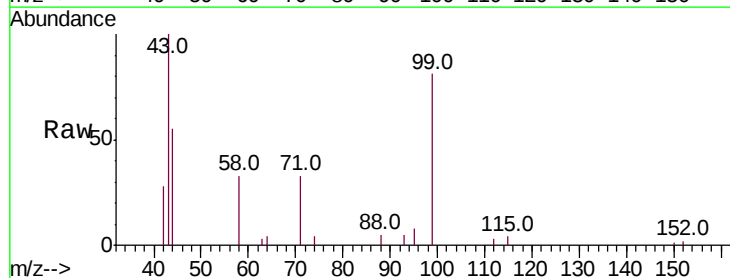
Tgt Ion: 99 Resp: 6813

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

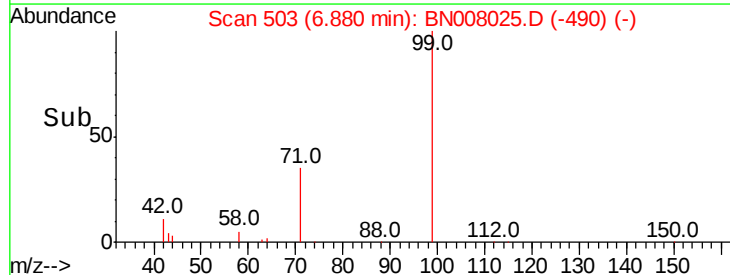
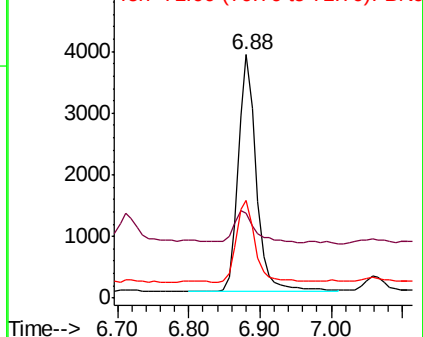
71 35.3 27.6 41.4

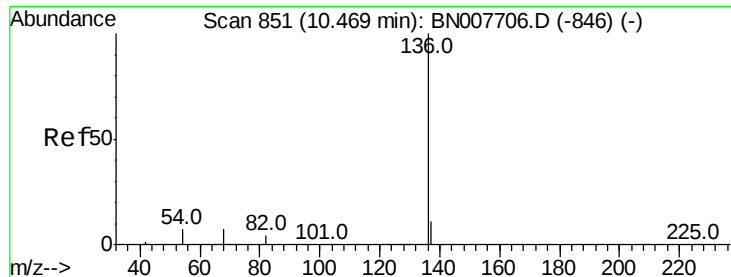


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Instrument :

BNA_N

ClientSampleId :

PB123460BL

Tot Ion:136 Resp: 20402

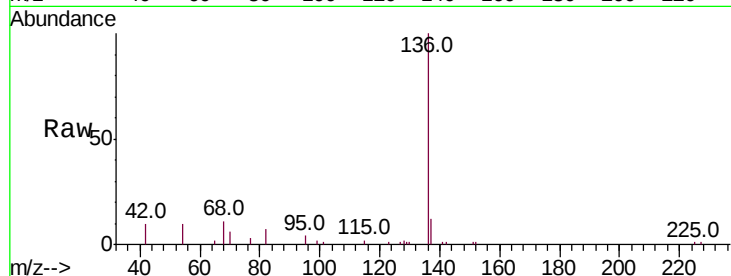
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 9.6 5.8 8.8#

68 10.7 6.5 9.7#

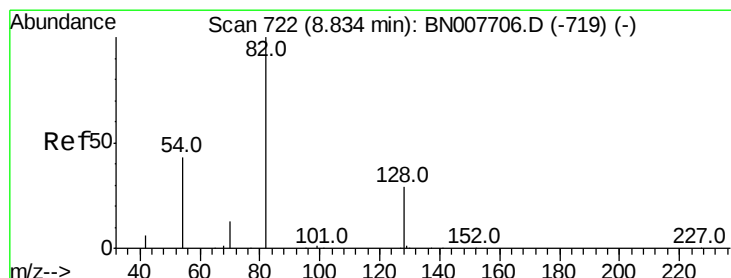
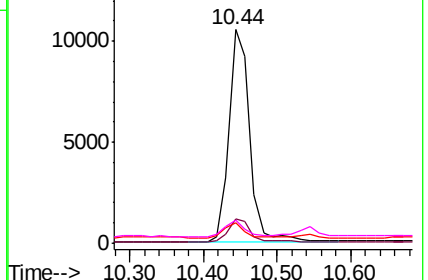
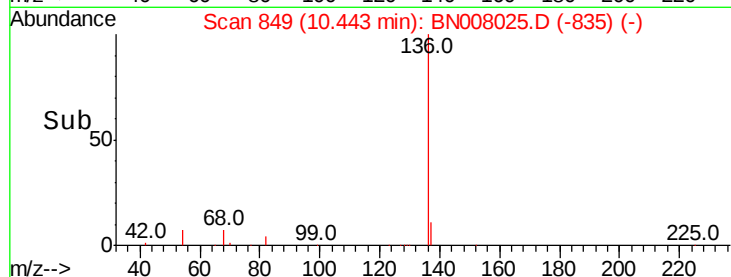


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.346 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

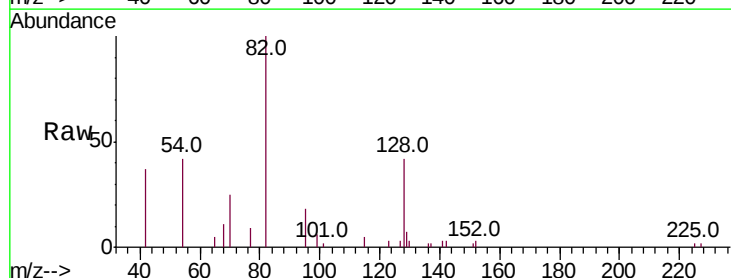
Tgt Ion: 82 Resp: 6176

Ion Ratio Lower Upper

82 100

128 42.3 24.5 36.7#

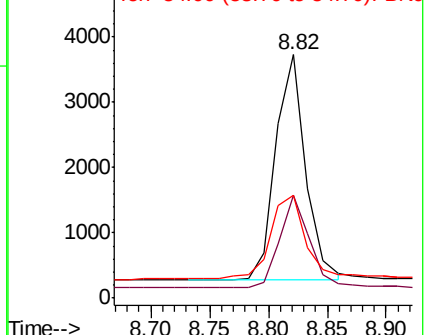
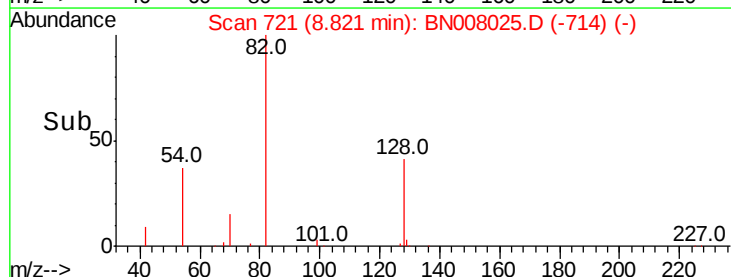
54 42.0 35.2 52.8

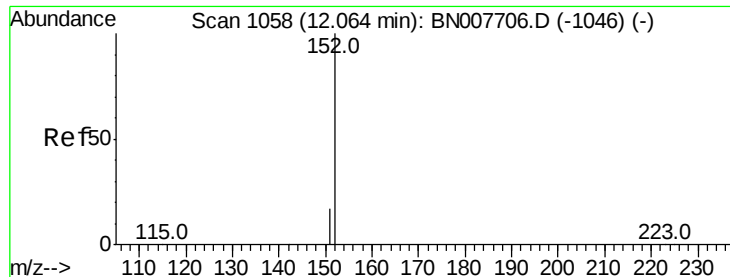


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

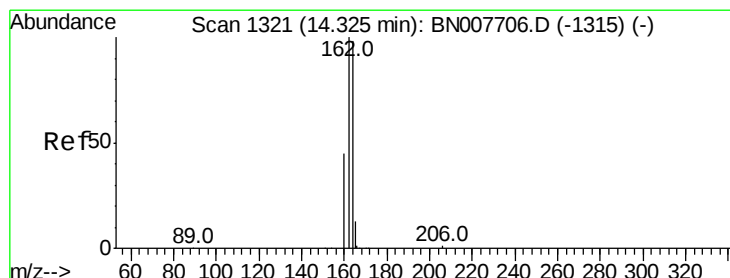
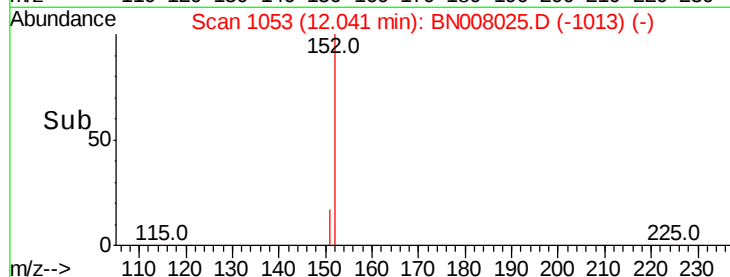
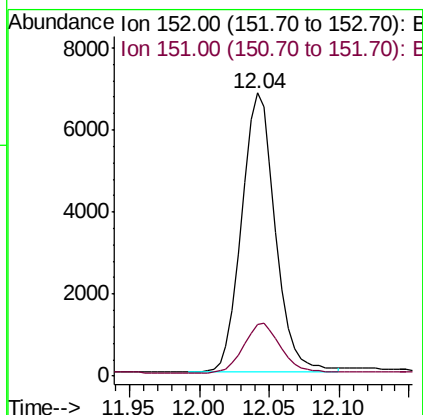
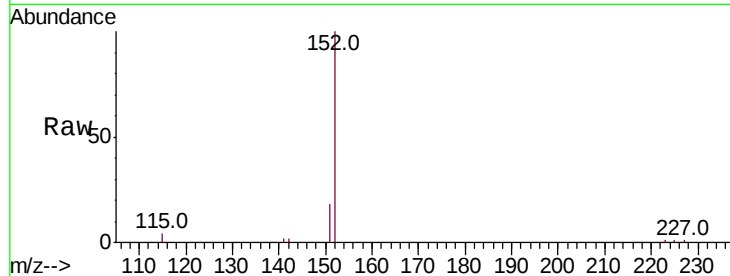




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008025.D
Acq: 05 Oct 2019 14:40

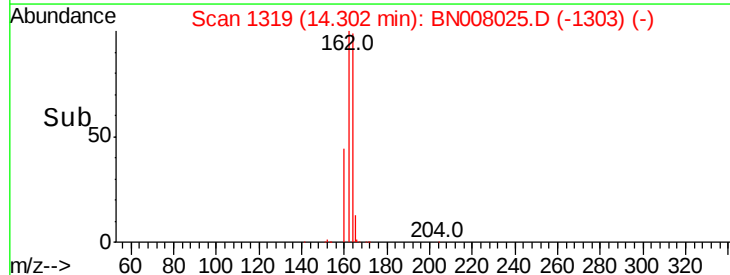
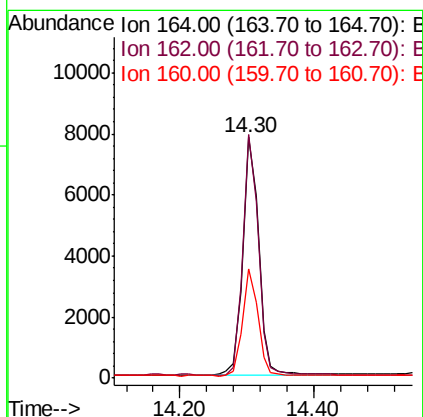
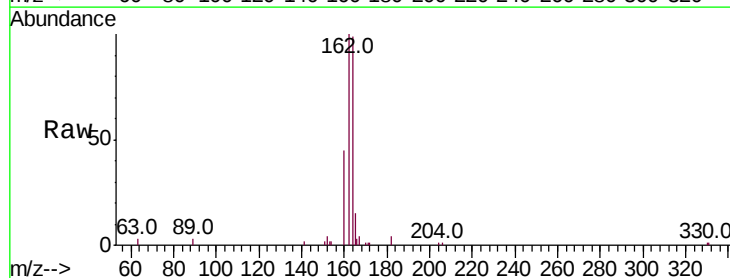
Instrument :
BNA_N
ClientSampleId :
PB123460BL

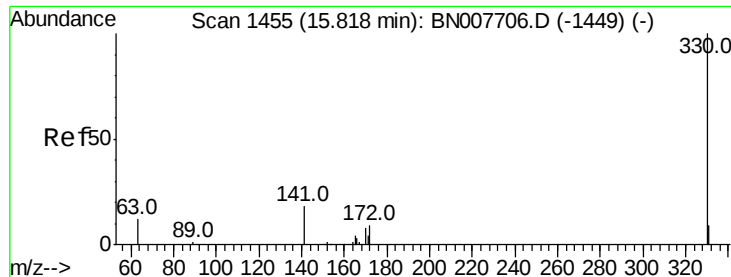
Tot Ion:152 Resp: 11346
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008025.D
Acq: 05 Oct 2019 14:40

Tgt Ion:164 Resp: 12934
Ion Ratio Lower Upper
164 100
162 101.1 81.7 122.5
160 45.5 37.0 55.4

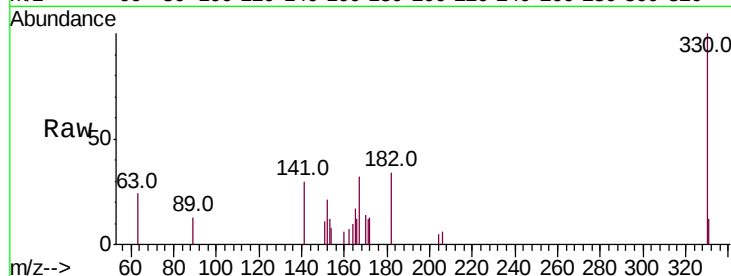




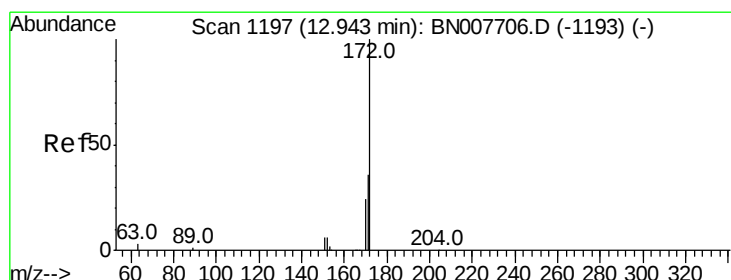
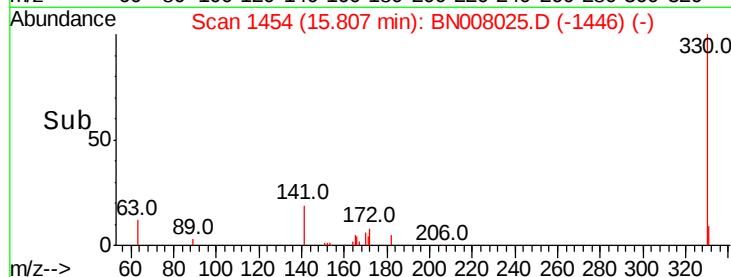
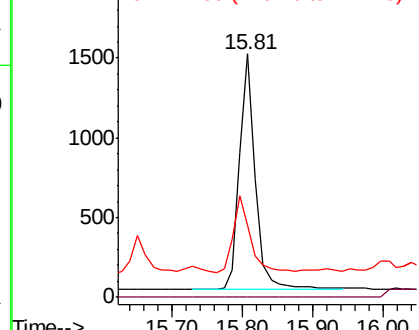
#14
 2,4,6-Tribromophenol
 Concen: 0.334 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN008025.D
 Acq: 05 Oct 2019 14:40

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BL

Tot Ion:330 Resp: 2353
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.7 28.7 43.1

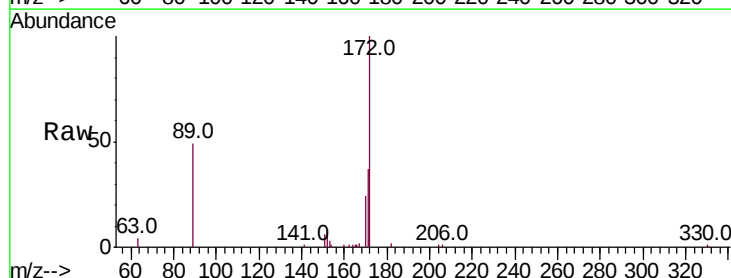


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

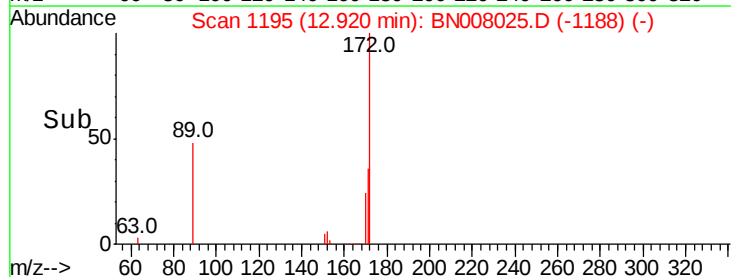
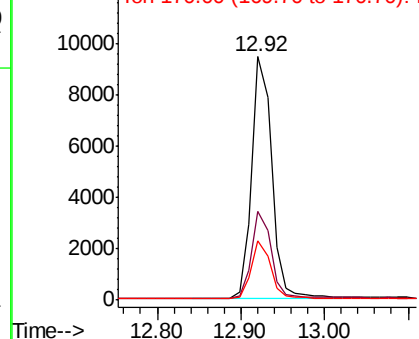


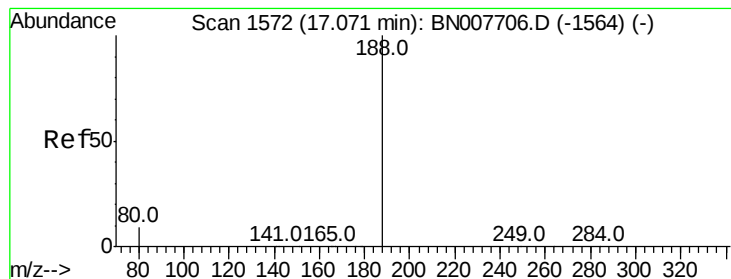
#15
 2-Fluorobiphenyl
 Concen: 0.294 ng
 RT: 12.92 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BN008025.D
 Acq: 05 Oct 2019 14:40

Tgt Ion:172 Resp: 15644
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.8 43.2
 170 24.2 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: 17.05 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Instrument :

BNA_N

ClientSampleId :

PB123460BL

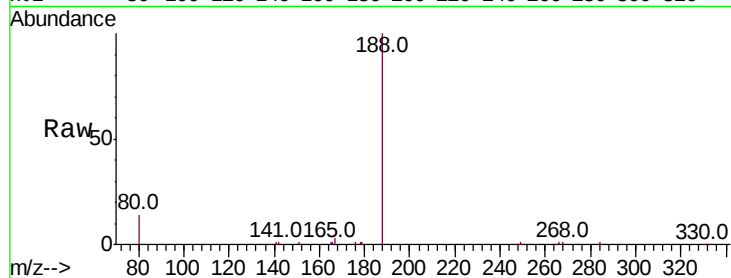
Tot Ion:188 Resp: 25842

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

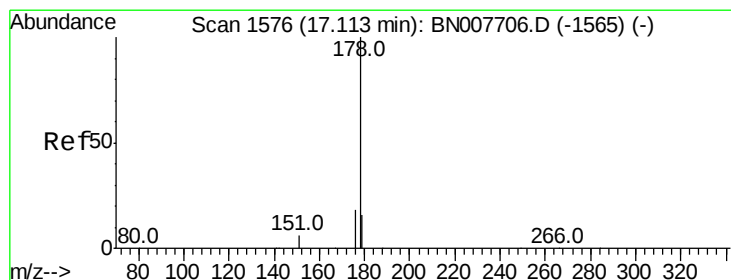
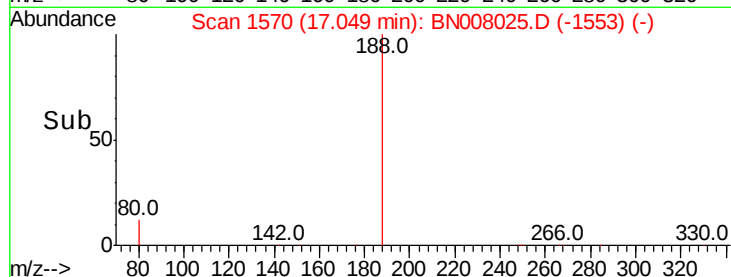
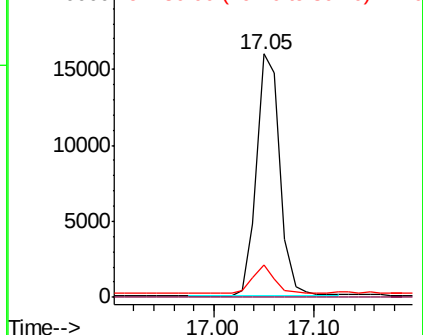
80 13.5 7.4 11.2#



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



#23

Phenanthrene

Concen: 0.020 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

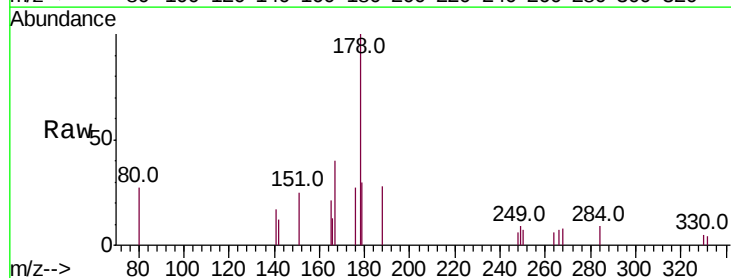
Tgt Ion:178 Resp: 1628

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

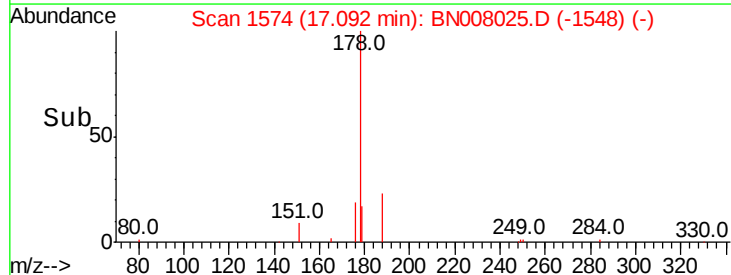
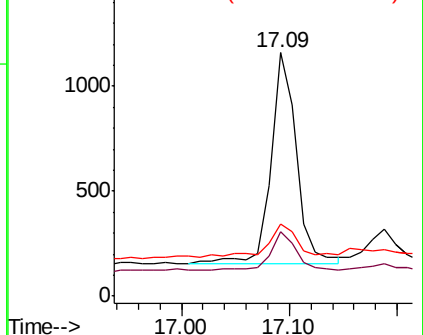
179 17.7 12.5 18.7

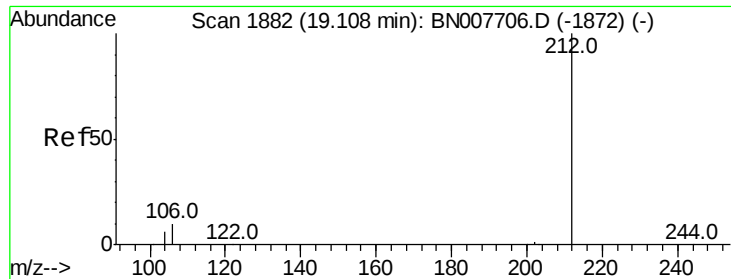


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

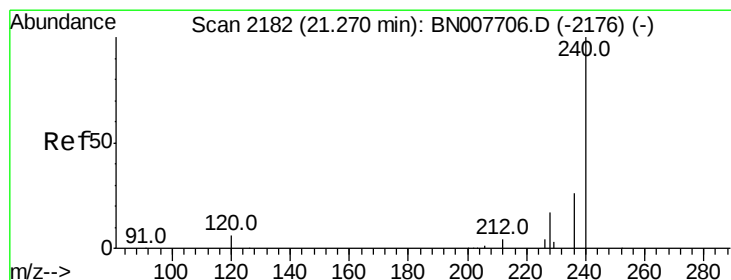
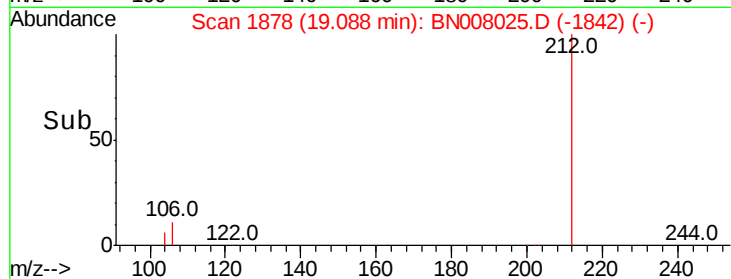
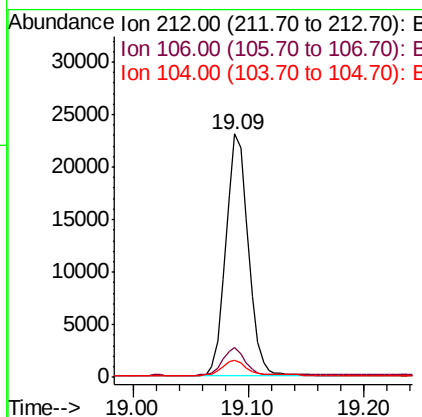
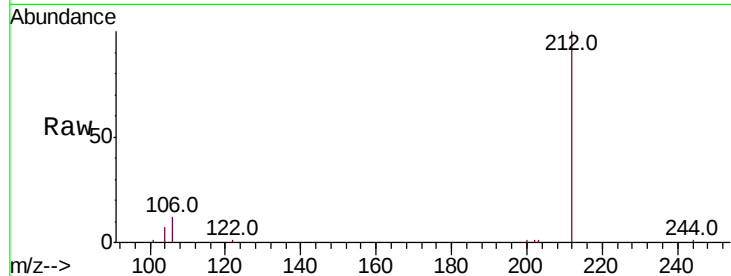




#25
 Fluoranthene-d10
 Concen: 0.358 ng
 RT: 19.09 min Scan# 1878
 Delta R.T. -0.02 min
 Lab File: BN008025.D
 Acq: 05 Oct 2019 14:40

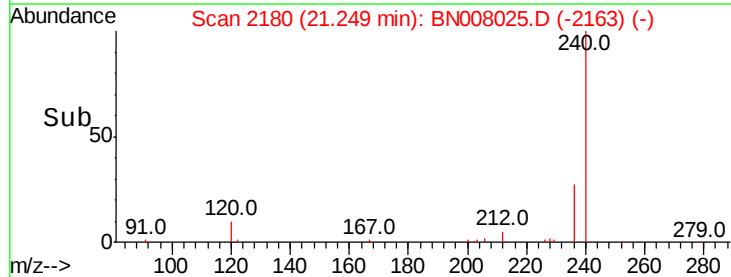
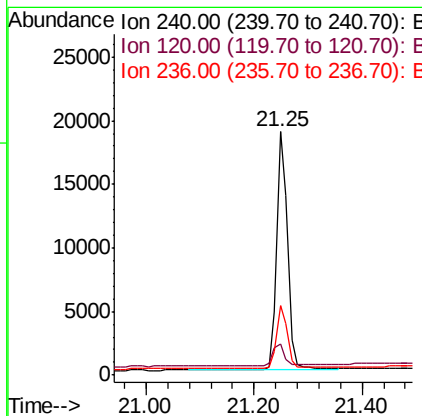
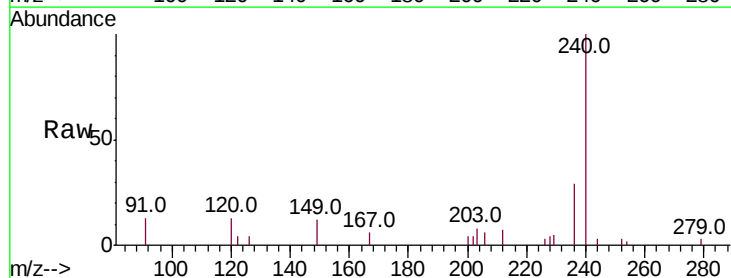
Instrument :
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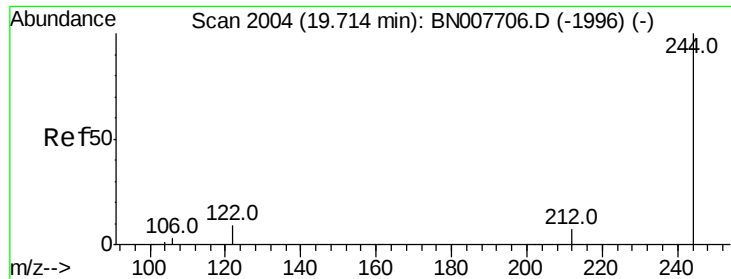
Tot Ion:212 Resp: 31157
 Ion Ratio Lower Upper
 212 100
 106 11.1 9.4 14.0
 104 6.3 5.3 7.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BN008025.D
 Acq: 05 Oct 2019 14:40

Tgt Ion:240 Resp: 26498
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.4 8.2#
 236 28.8 21.0 31.4





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Instrument :

BNA_N

ClientSampleId :

PB123460BL

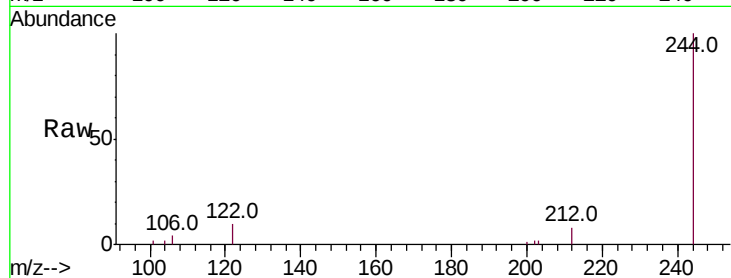
Tot Ion:244 Resp: 25674

Ion Ratio Lower Upper

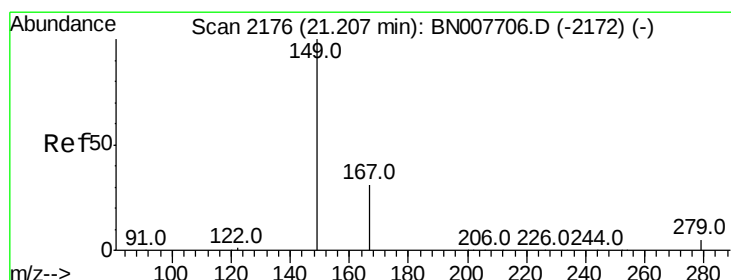
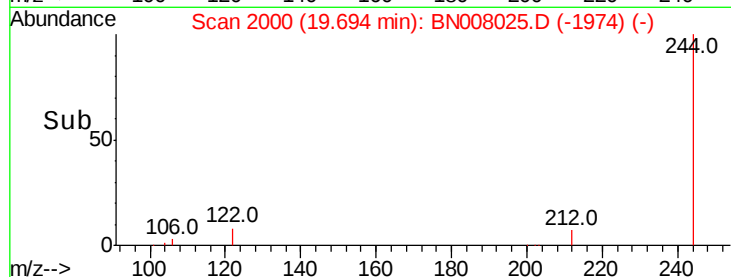
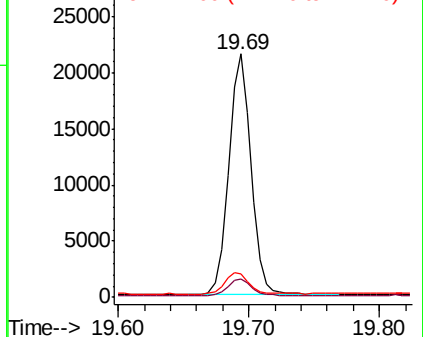
244 100

212 7.6 5.9 8.9

122 9.8 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: 0.126 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

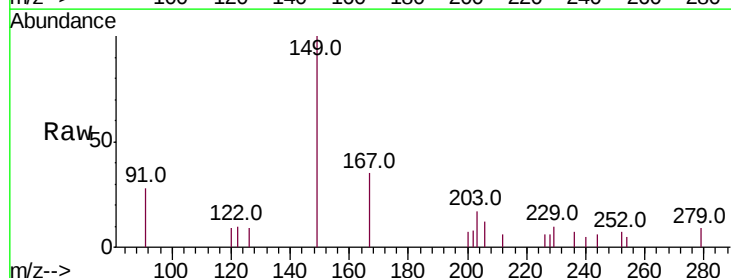
Tgt Ion:149 Resp: 6327

Ion Ratio Lower Upper

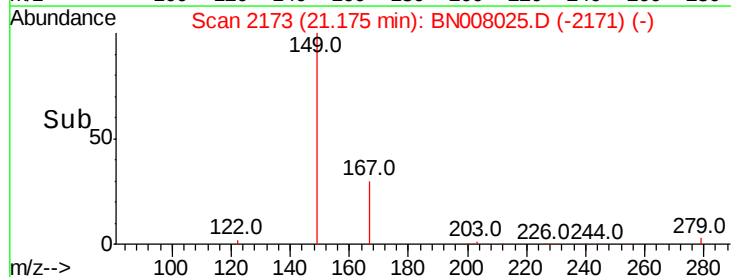
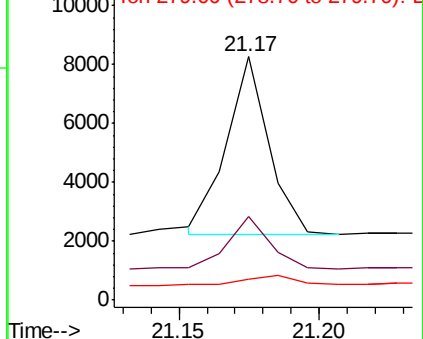
149 100

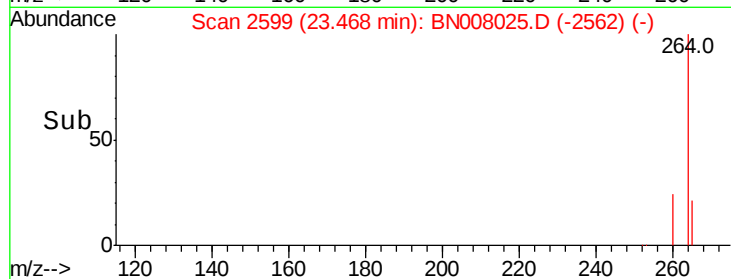
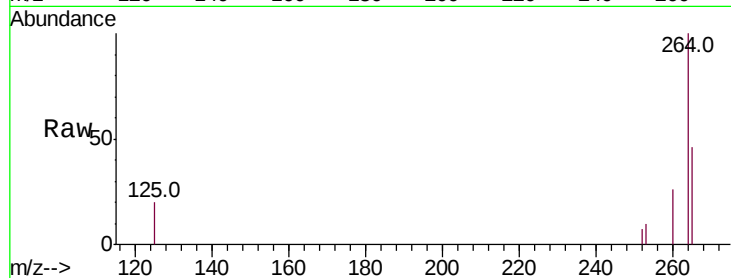
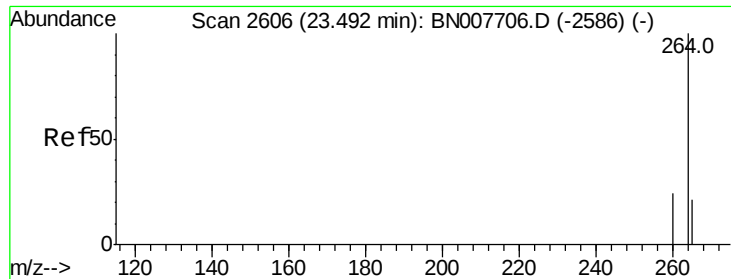
167 29.3 23.7 35.5

279 5.2 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

Pervlene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Instrument :

BNA_N

ClientSampleId :

PB123460BL

Tot Ion: 264 Resp: 27777

Ion Ratio Lower Upper

264 100

260 26.3 19.3 28.9

265 45.9 26.9 40.3#

