

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010240.D
 Acq On : 17 Mar 2020 15:23
 Operator : CG/JU
 Sample : PB127507BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127507BL

Quant Time: Mar 17 16:29:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

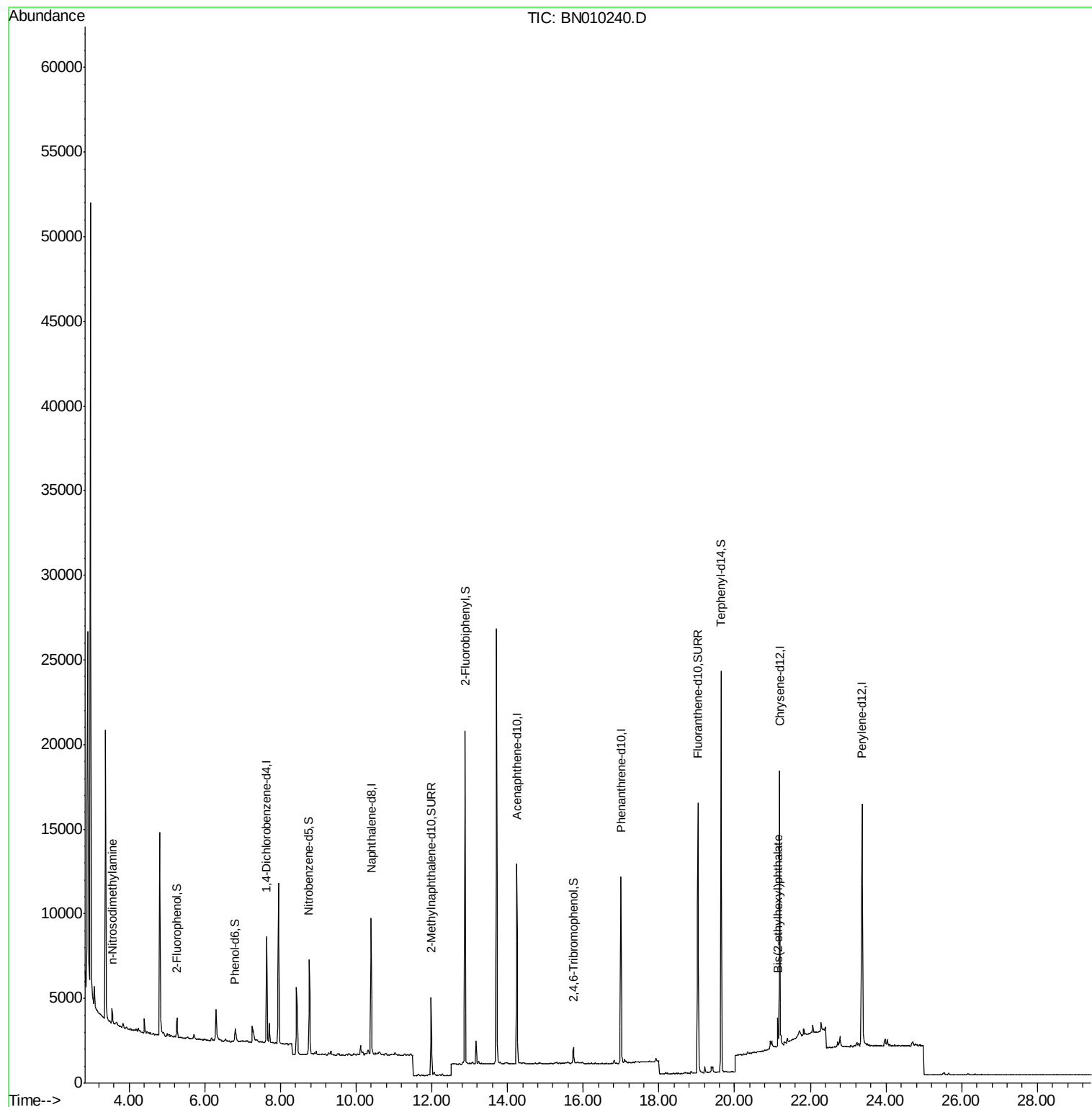
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3149	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	10669	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	6449	0.40	ng	-0.01
19) Phenanthrene-d10	17.00	188	15698	0.40	ng	0.00
27) Chrysene-d12	21.19	240	16478	0.40	ng	-0.01
34) Perylene-d12	23.36	264	18440	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	937	0.13	ng	0.00
5) Phenol-d6	6.81	99	702	0.08	ng	0.00
8) Nitrobenzene-d5	8.76	82	4521	0.71	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6142	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	831	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	17773	0.77	ng	0.00
25) Fluoranthene-d10	19.03	212	18730	0.39	ng	0.00
29) Terphenyl-d14	19.64	244	24051	0.64	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.55	42	132	0.049	ng	# 35
32) Bis(2-ethylhexyl)phthalate	21.14	149	1393	0.058	ng	# 93

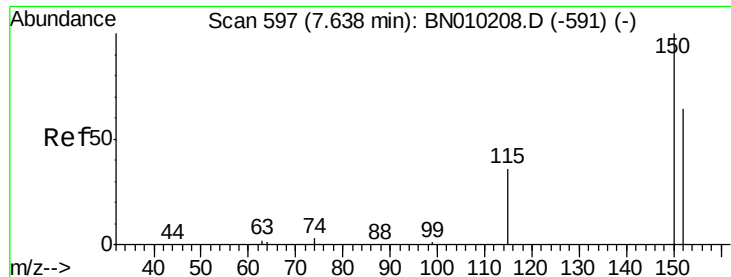
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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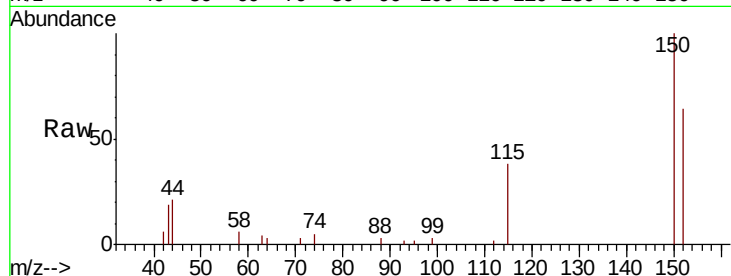


#1

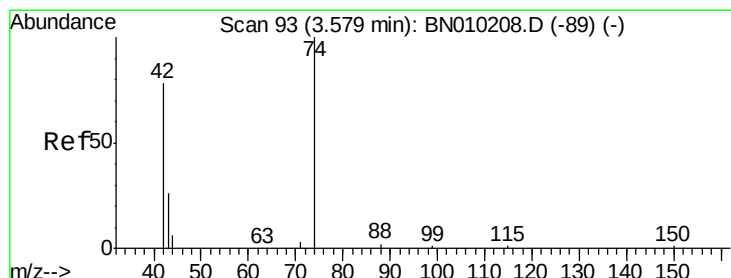
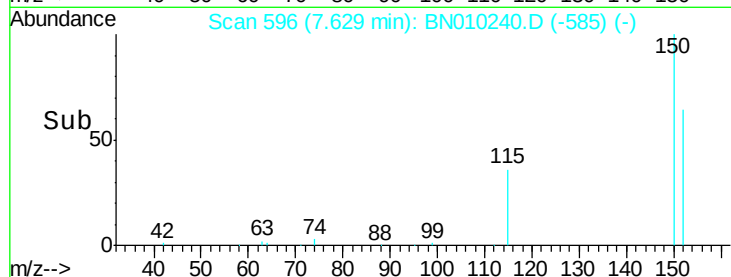
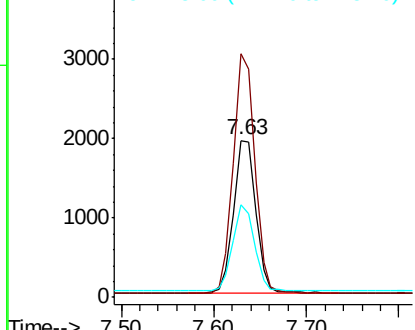
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010240.D
Acq: 17 Mar 2020 15:23

Instrument :
BNA_N
ClientSampleId :
PB127507BL

Tot Ion:152 Resp: 3149
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 59.3 50.9 76.3



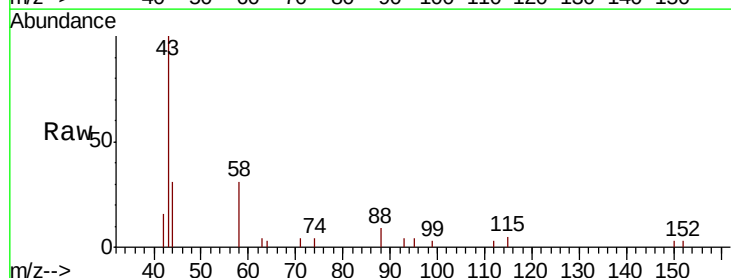
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



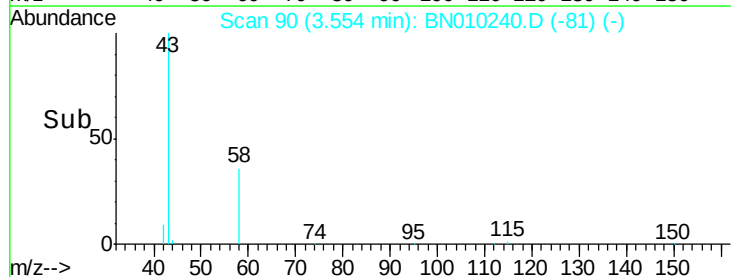
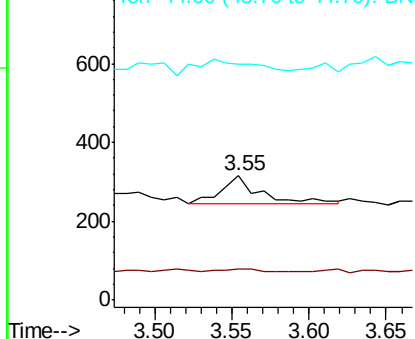
#3

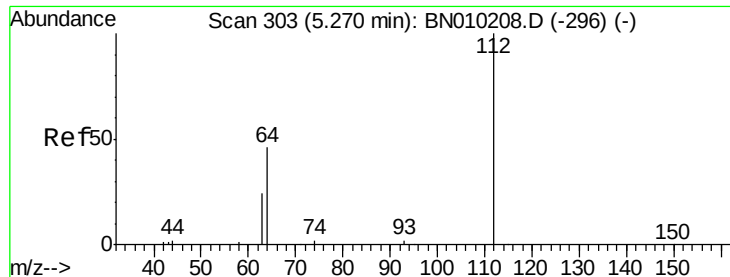
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010240.D
Acq: 17 Mar 2020 15:23

Tgt Ion: 42 Resp: 132
Ion Ratio Lower Upper
42 100
74 10.6 51.2 76.8#
44 0.0 2.6 4.0#



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: 0.127 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

Instrument :

BNA_N

ClientSampleId :

PB127507BL

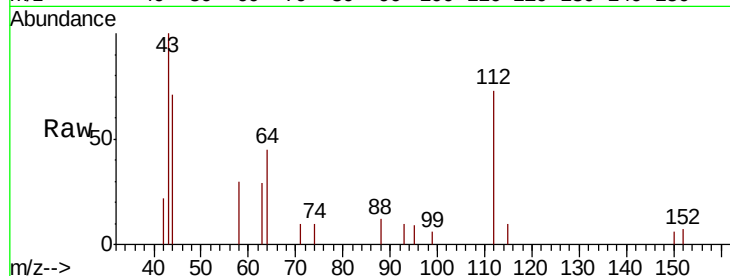
Tot Ion: 112 Resp: 937

Ion Ratio Lower Upper

112 100

64 53.6 42.6 63.8

63 28.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

5.26

600

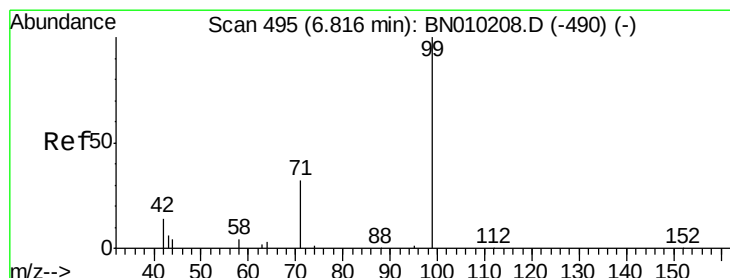
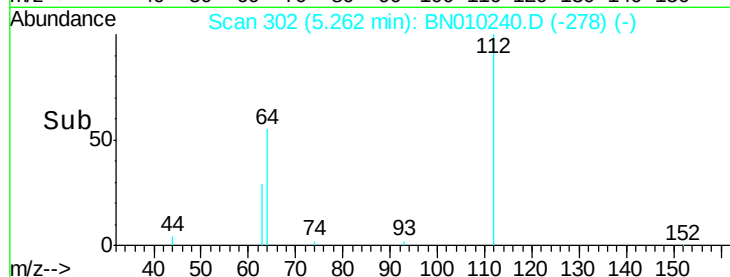
400

200

0

5.20 5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

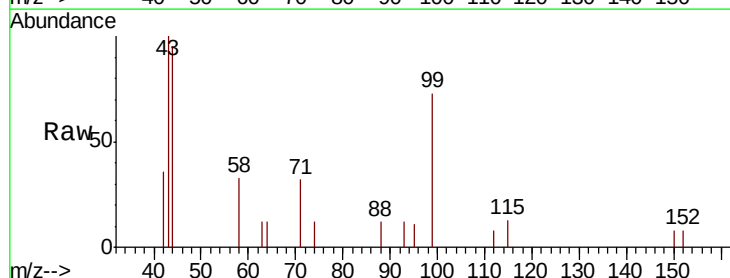
Tgt Ion: 99 Resp: 702

Ion Ratio Lower Upper

99 100

42 27.4 12.0 18.0#

71 39.0 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

6.81

600

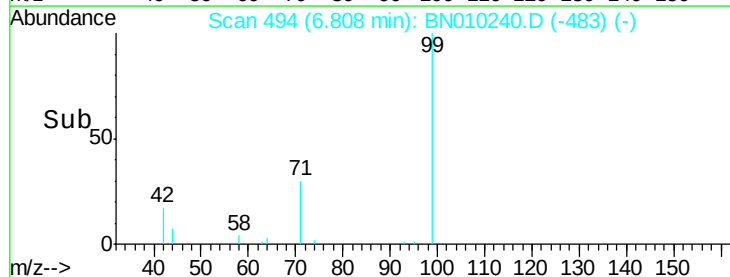
400

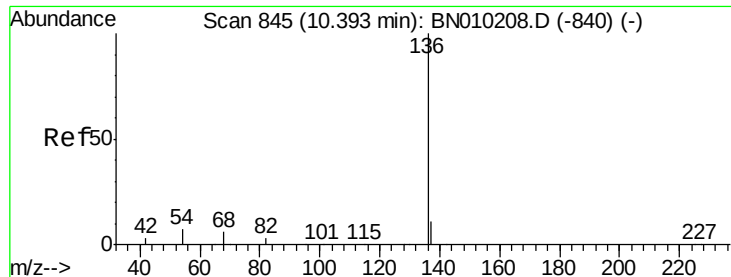
200

0

6.70 6.75 6.80 6.85 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

Instrument :

BNA_N

ClientSampleId :

PB127507BL

Tot Ion:136 Resp: 10669

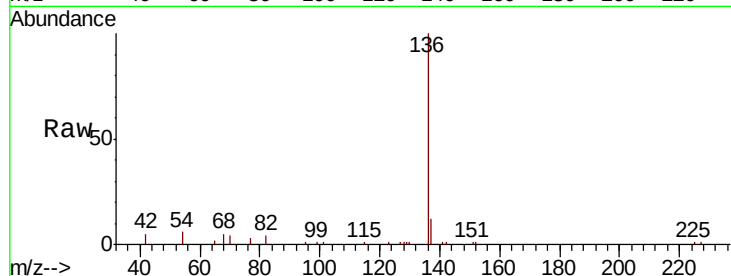
Ion Ratio Lower Upper

136 100

137 11.8 10.6 15.8

54 5.9 9.5 14.3#

68 5.2 9.7 14.5#

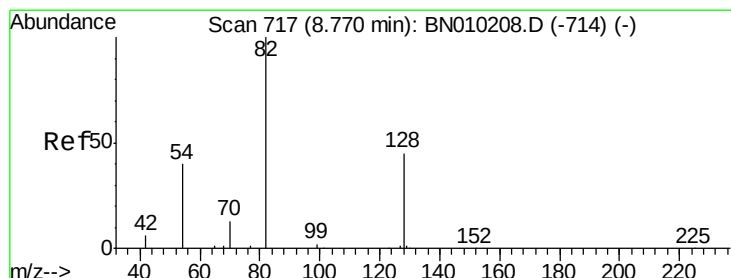
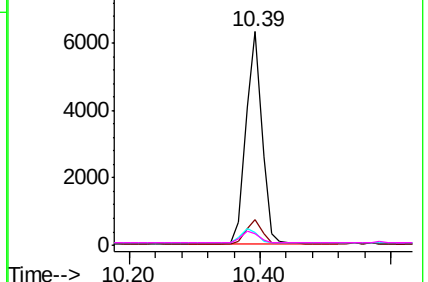
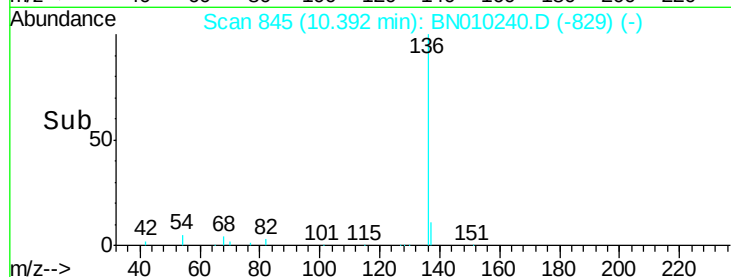


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.707 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

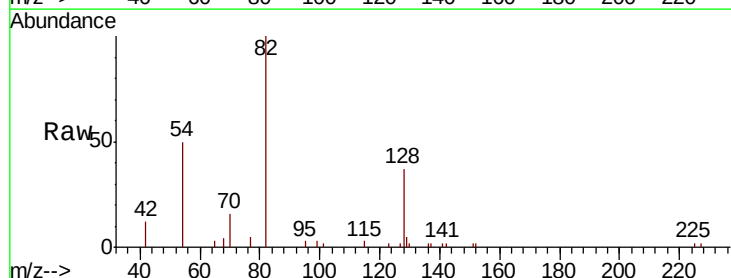
Tgt Ion: 82 Resp: 4521

Ion Ratio Lower Upper

82 100

128 37.4 35.0 52.6

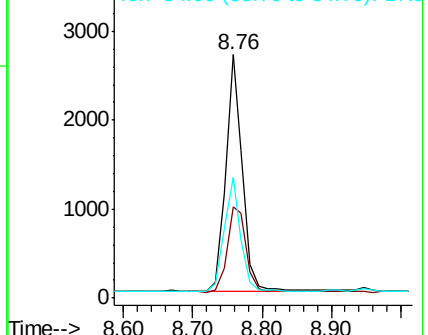
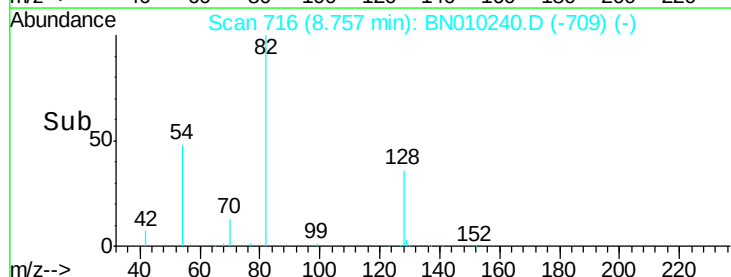
54 49.6 37.0 55.4

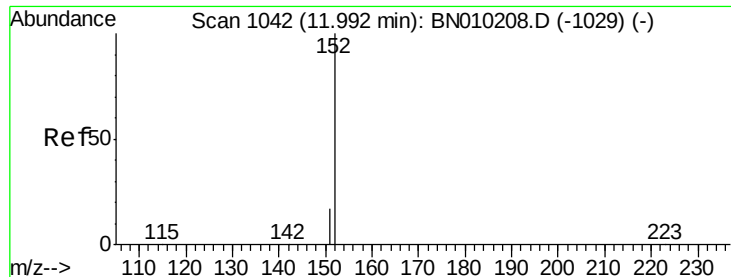


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

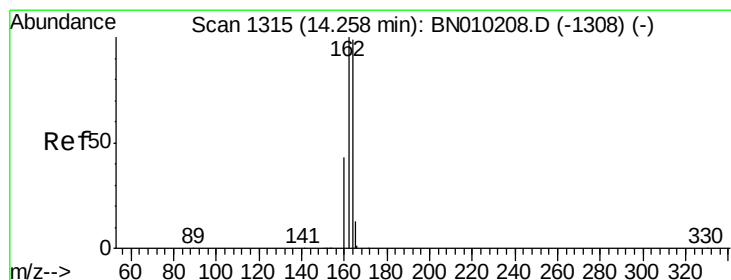
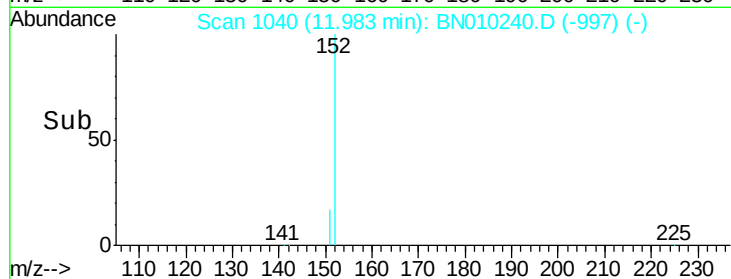
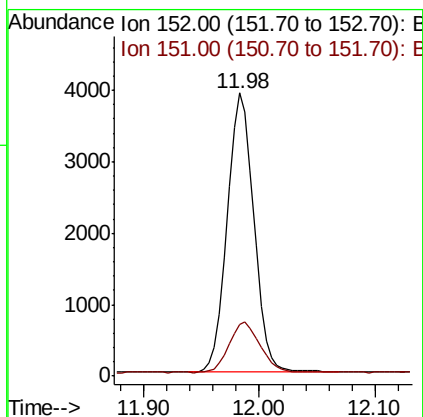
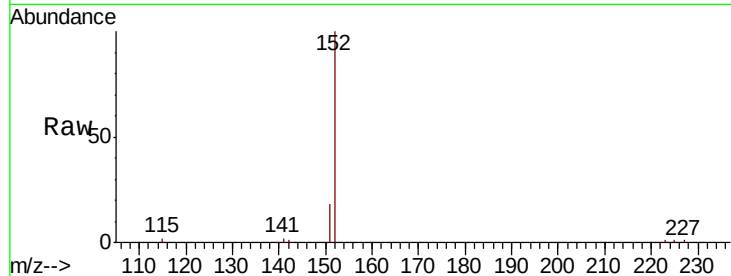




#11
 2-Methylnaphthalene-d10
 Concen: 0.349 ng
 RT: 11.98 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BN010240.D
 Acq: 17 Mar 2020 15:23

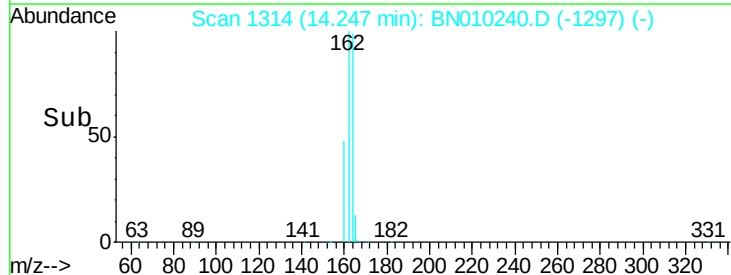
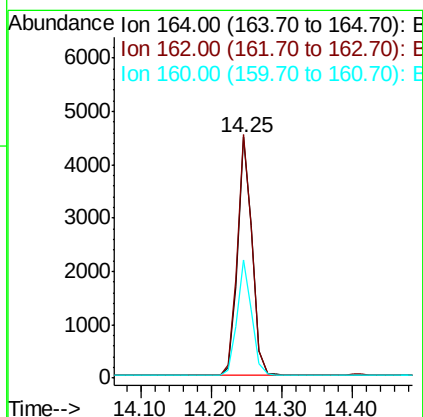
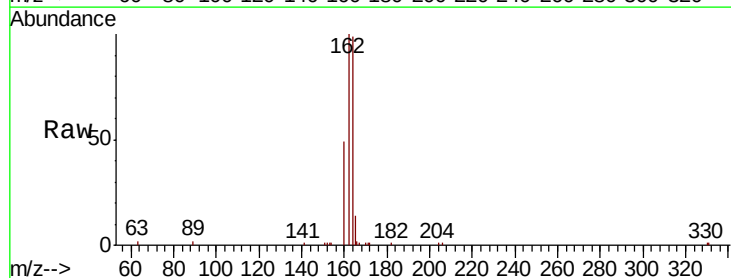
Instrument :
 BNA_N
 ClientSampleId :
 PB127507BL

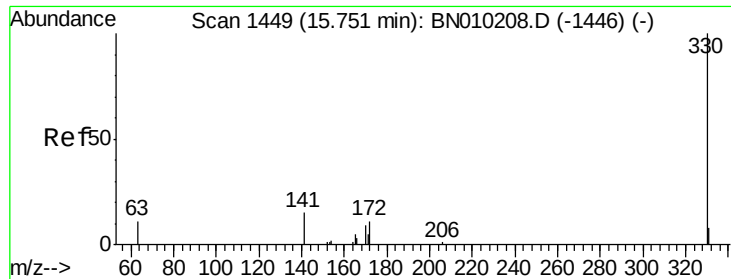
Tot Ion:152 Resp: 6142
 Ion Ratio Lower Upper
 152 100
 151 20.9 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.25 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BN010240.D
 Acq: 17 Mar 2020 15:23

Tgt Ion:164 Resp: 6449
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.0 121.4
 160 49.3 35.6 53.4





#14

2,4,6-Tribromophenol

Concen: 0.360 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

Instrument :

BNA_N

ClientSampleId :

PB127507BL

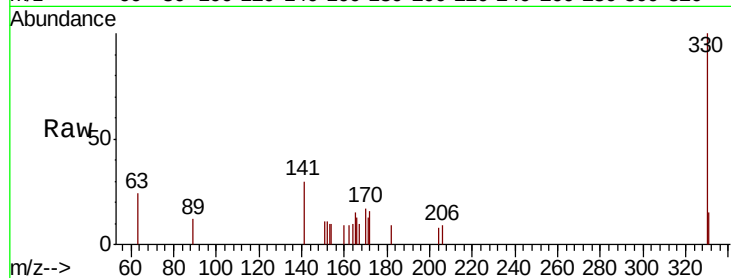
Tot Ion:330 Resp: 831

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

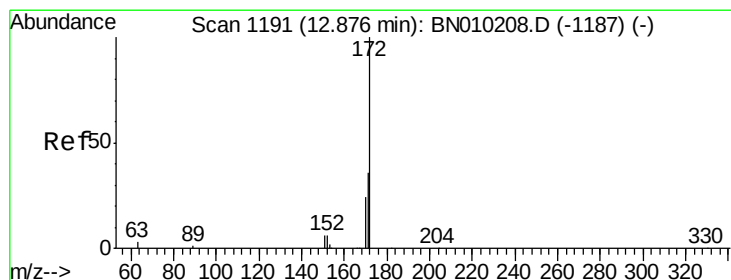
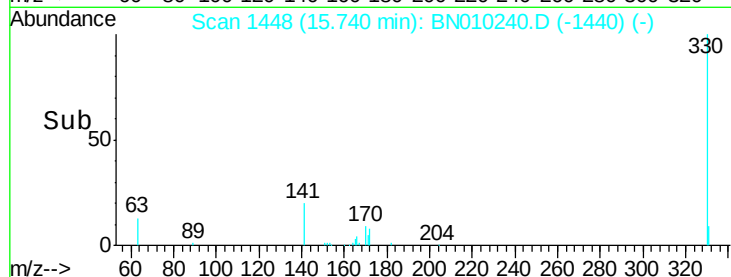
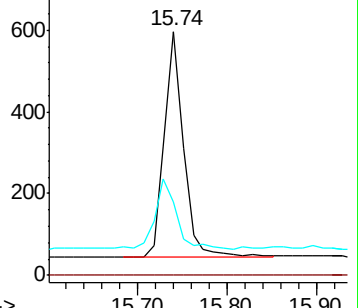
141 34.9 25.1 37.7



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: 0.774 ng

RT: 12.88 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

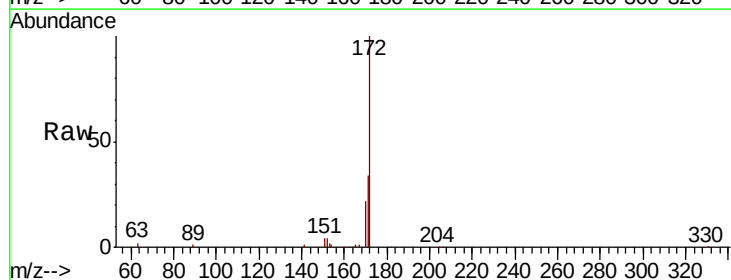
Tgt Ion:172 Resp: 17773

Ion Ratio Lower Upper

172 100

171 34.2 29.4 44.2

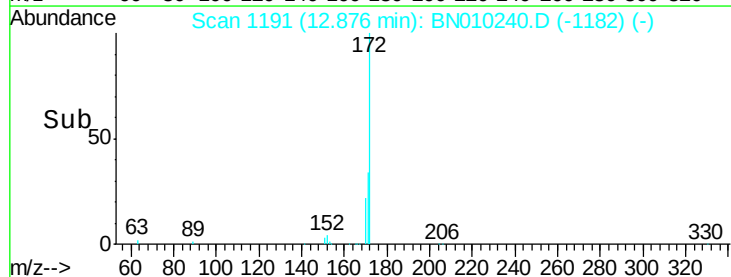
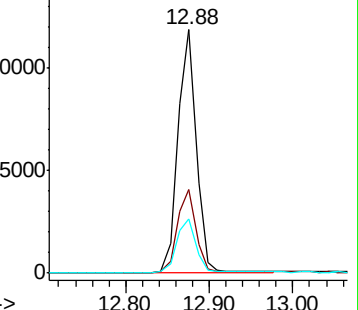
170 22.2 20.2 30.4

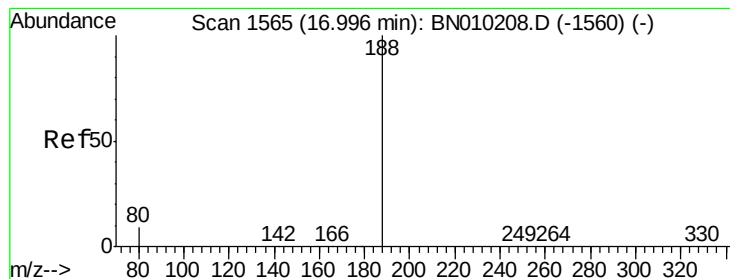


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

Instrument :

BNA_N

ClientSampleId :

PB127507BL

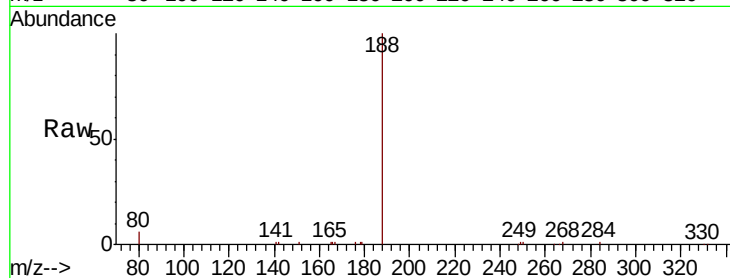
Tot Ion:188 Resp: 15698

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

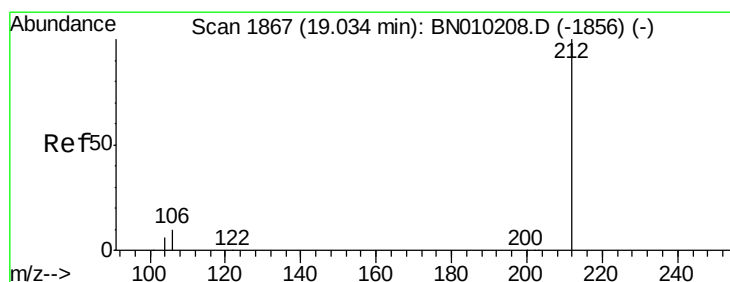
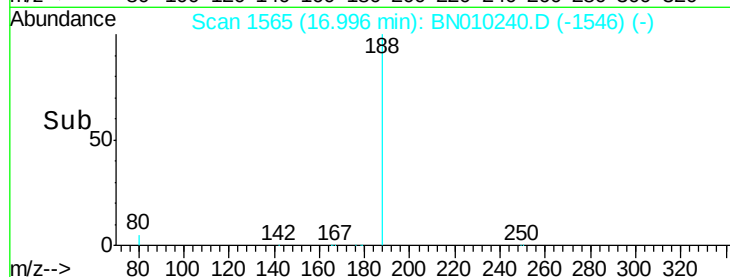
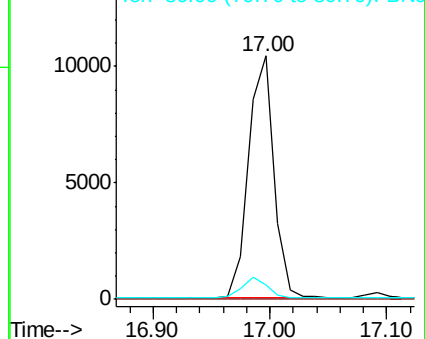
80 6.0 8.6 12.8#



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: 0.386 ng

RT: 19.03 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

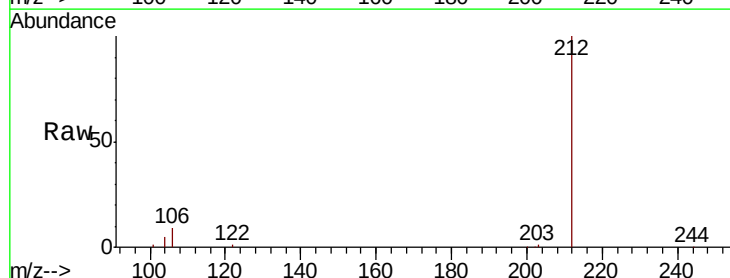
Tgt Ion:212 Resp: 18730

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

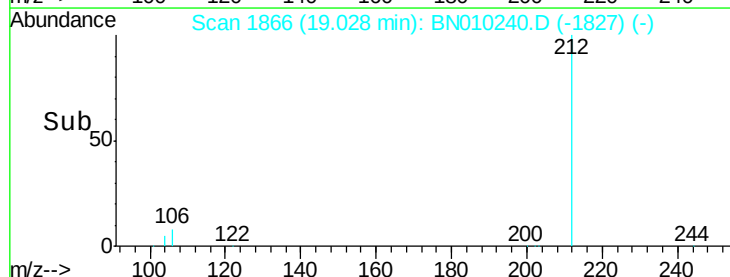
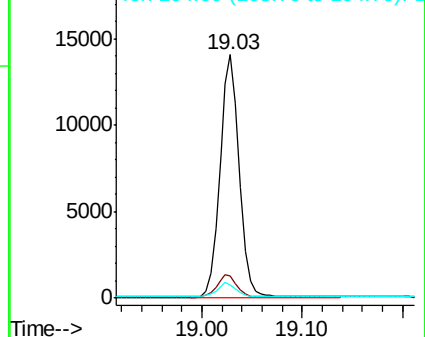
104 5.2 4.7 7.1

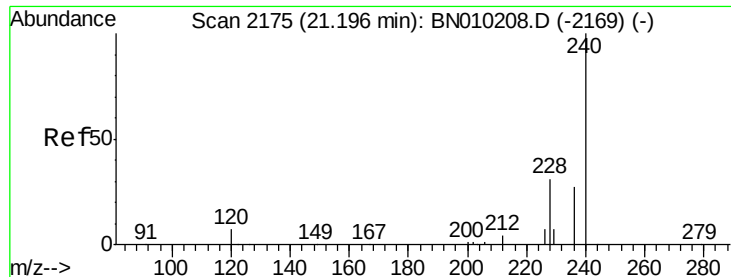


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

Instrument :

BNA_N

ClientSampleId :

PB127507BL

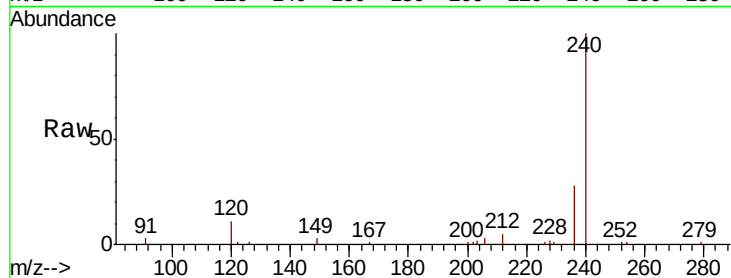
Tot Ion:240 Resp: 16478

Ion Ratio Lower Upper

240 100

120 10.8 7.7 11.5

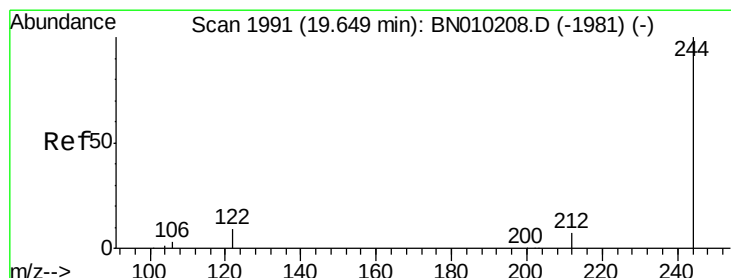
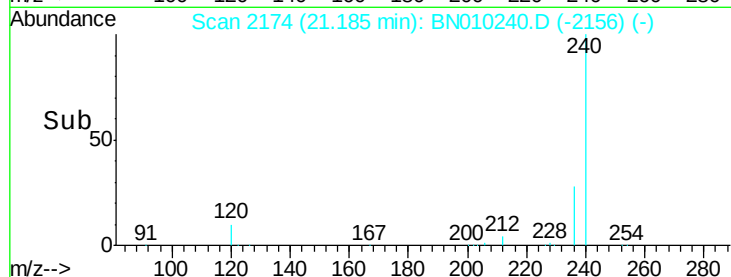
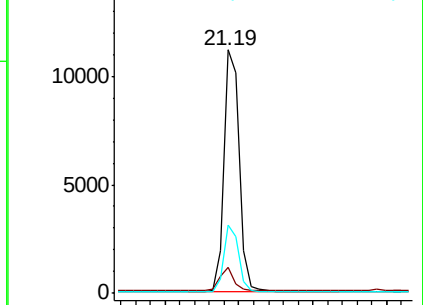
236 28.2 21.8 32.6



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: 0.640 ng

RT: 19.64 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

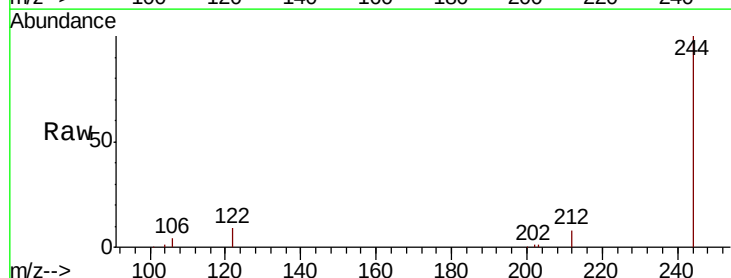
Tgt Ion:244 Resp: 24051

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

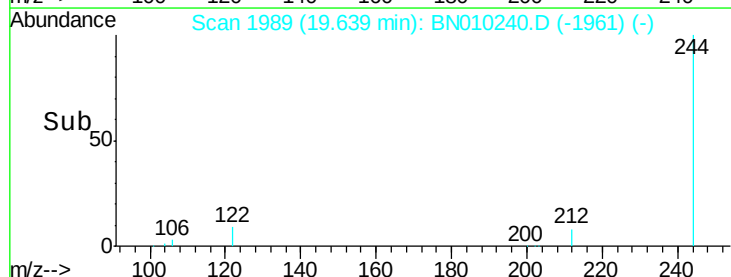
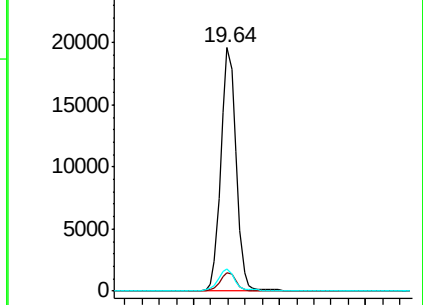
122 9.4 8.1 12.1

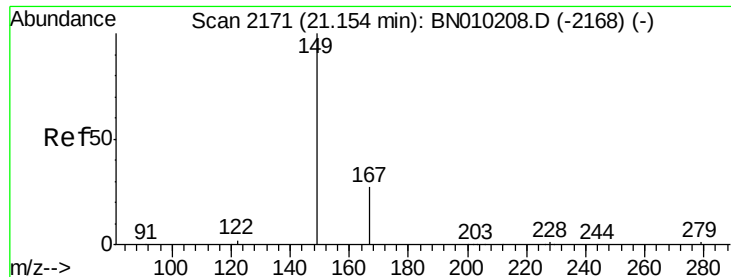


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

Instrument :

BNA_N

ClientSampleId :

PB127507BL

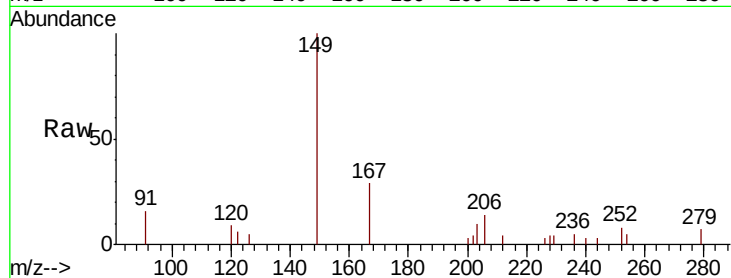
Tot Ion:149 Resp: 1393

Ion Ratio Lower Upper

149 100

167 29.9 21.0 31.4

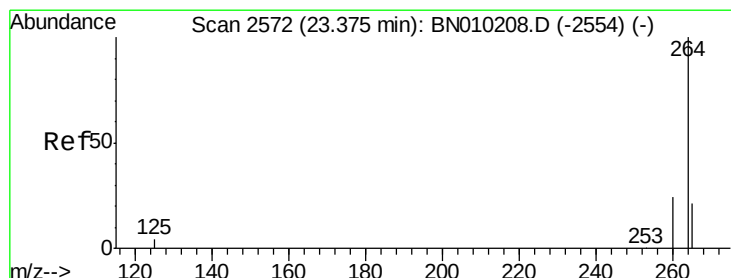
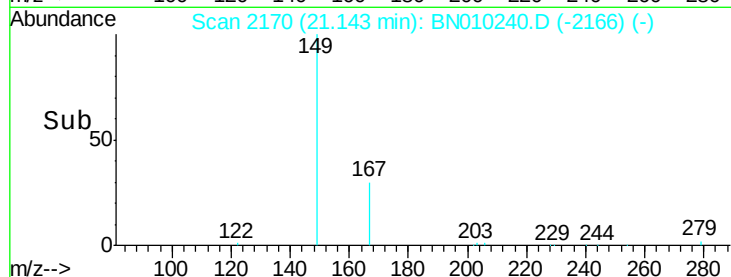
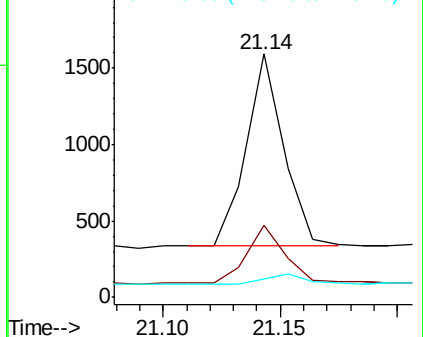
279 6.7 3.1 4.7#



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: 23.36 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BN010240.D

Acq: 17 Mar 2020 15:23

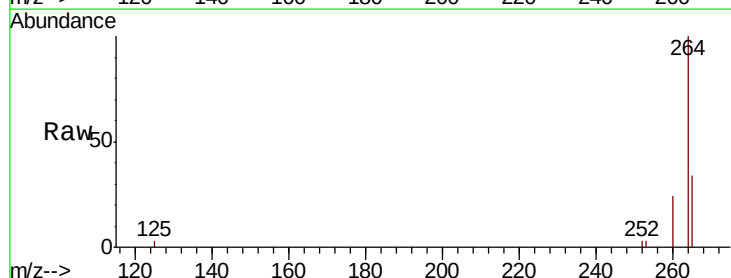
Tgt Ion:264 Resp: 18440

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 34.4 25.8 38.6



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

