

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010239.D
 Acq On : 17 Mar 2020 14:47
 Operator : CG/JU
 Sample : PB127524BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127524BL

Quant Time: Mar 17 16:29:21 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	3088	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	10496	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	6290	0.40	ng	0.00
19) Phenanthrene-d10	16.99	188	15357	0.40	ng	0.00
27) Chrysene-d12	21.19	240	16795	0.40	ng	0.00
34) Perylene-d12	23.37	264	19078	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	953	0.13	ng	0.00
5) Phenol-d6	6.81	99	749	0.08	ng	0.00
8) Nitrobenzene-d5	8.76	82	4030	0.64	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	5402	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	637	0.28	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	16431	0.73	ng	0.00
25) Fluoranthene-d10	19.03	212	15965	0.34	ng	0.00
29) Terphenyl-d14	19.64	244	22529	0.59	ng	0.00

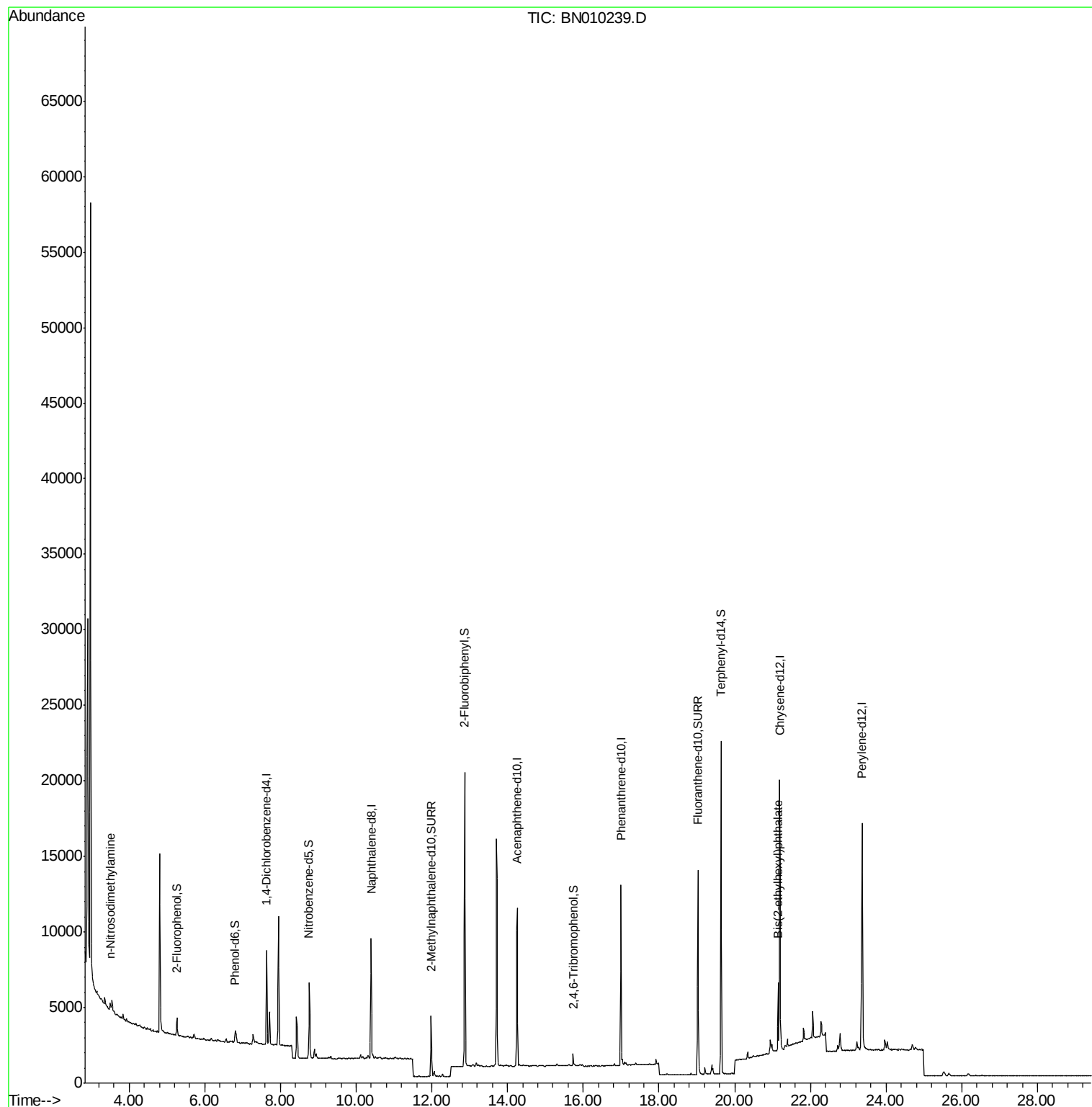
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.51	42	69	0.026	ng	# 23
32) Bis(2-ethylhexyl)phthalate	21.14	149	3722	0.153	ng	# 97

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

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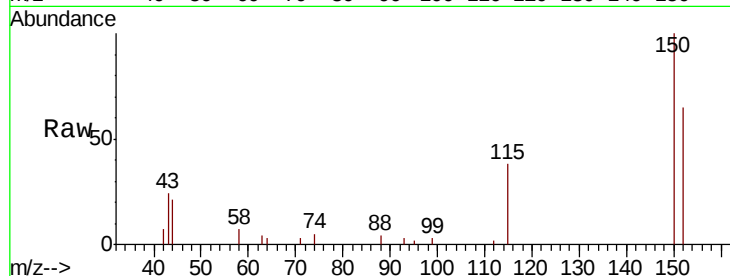


#1

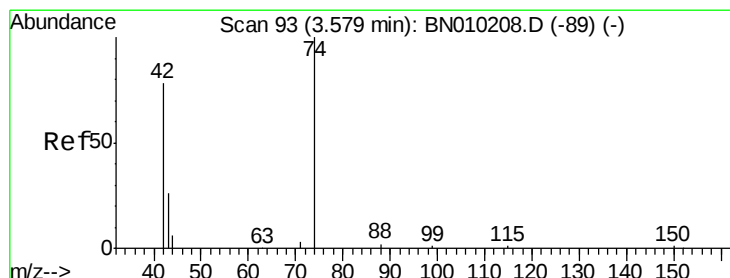
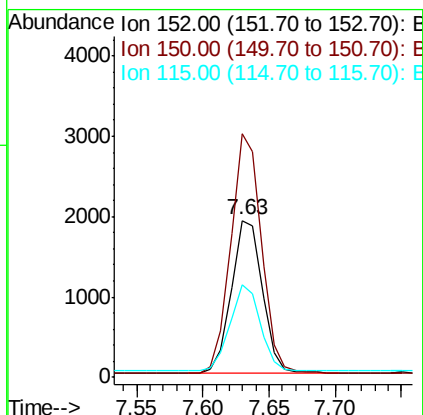
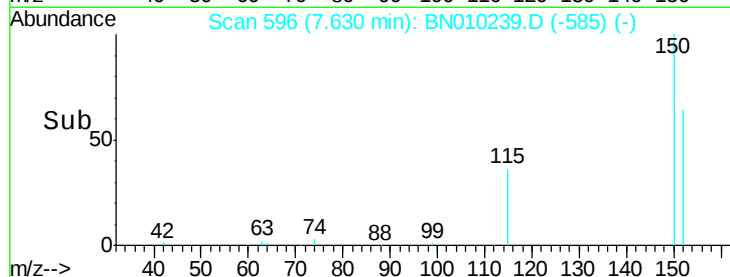
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010239.D
Acq: 17 Mar 2020 14:47

Instrument :
BNA_N
ClientSampleId :
PB127524BL

Tot Ion:152 Resp: 3088
Ion Ratio Lower Upper
152 100
150 154.9 119.5 179.3
115 59.2 50.9 76.3



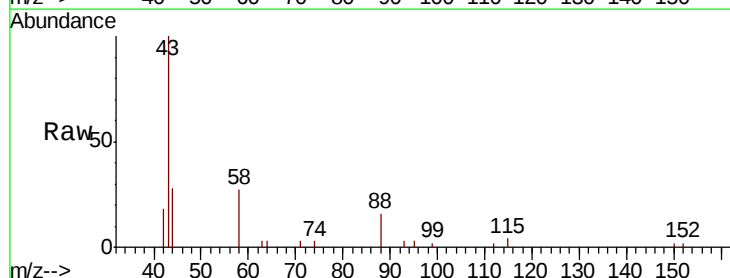
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



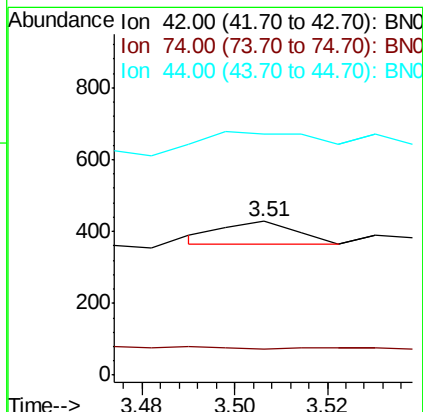
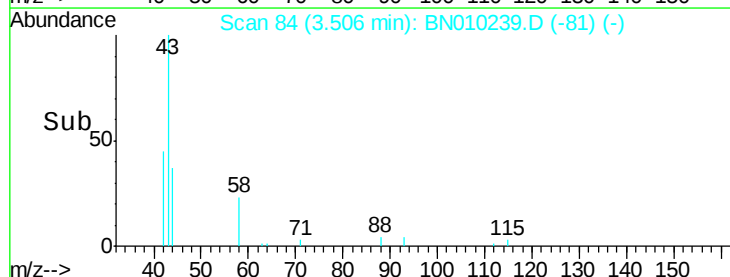
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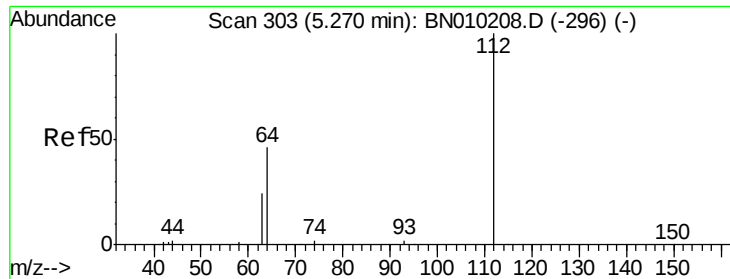
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.51 min Scan# 84
Delta R.T. -0.07 min
Lab File: BN010239.D
Acq: 17 Mar 2020 14:47

Tgt Ion: 42 Resp: 69
Ion Ratio Lower Upper
42 100
74 8.7 51.2 76.8#
44 69.6 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: 0.132 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010239.D

Acq: 17 Mar 2020 14:47

Instrument :

BNA_N

ClientSampleId :

PB127524BL

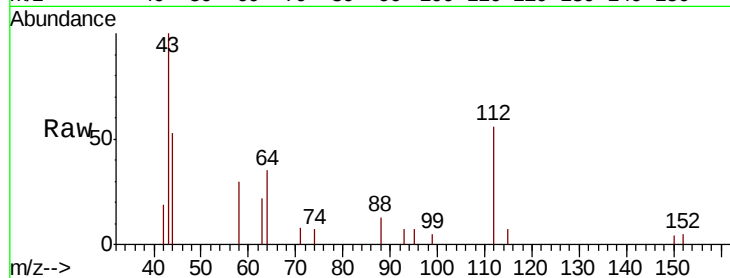
Tot Ion:112 Resp: 953

Ion Ratio Lower Upper

112 100

64 52.3 42.6 63.8

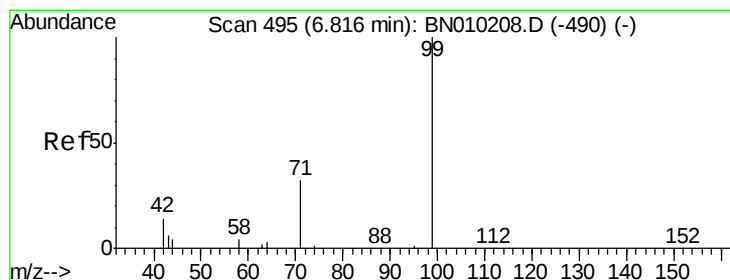
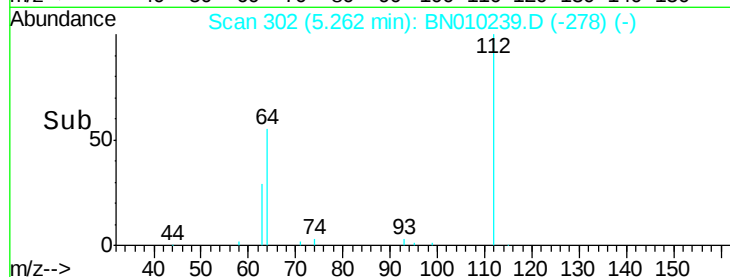
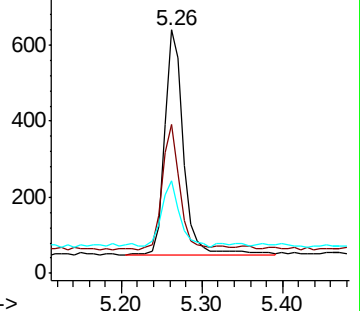
63 29.1 23.6 35.4



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

Phenol-d6

Concen: 0.083 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010239.D

Acq: 17 Mar 2020 14:47

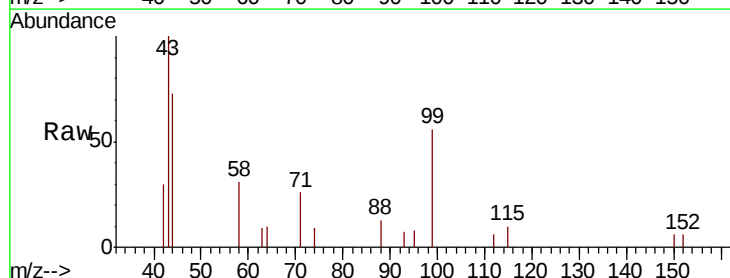
Tgt Ion: 99 Resp: 749

Ion Ratio Lower Upper

99 100

42 25.4 12.0 18.0#

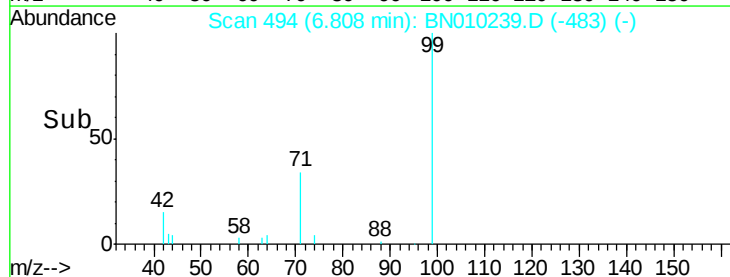
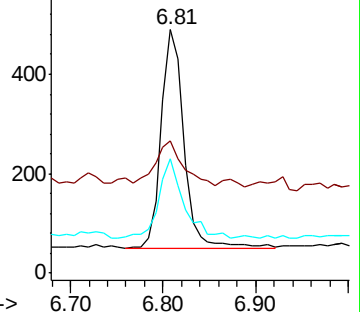
71 39.0 22.6 33.8#

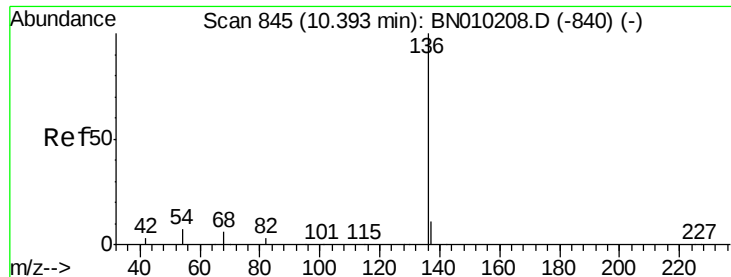


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010239.D

Acq: 17 Mar 2020 14:47

Instrument :

BNA_N

ClientSampleId :

PB127524BL

Tot Ion:136 Resp: 10496

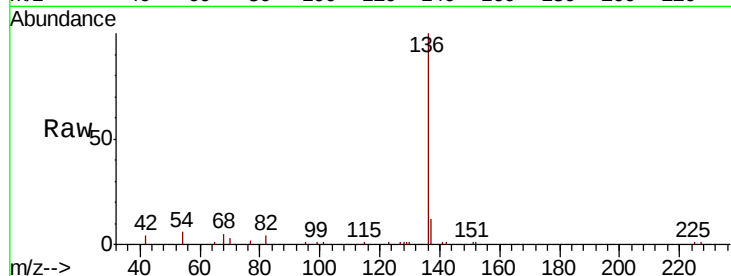
Ion Ratio Lower Upper

136 100

137 11.8 10.6 15.8

54 5.7 9.5 14.3#

68 4.9 9.7 14.5#

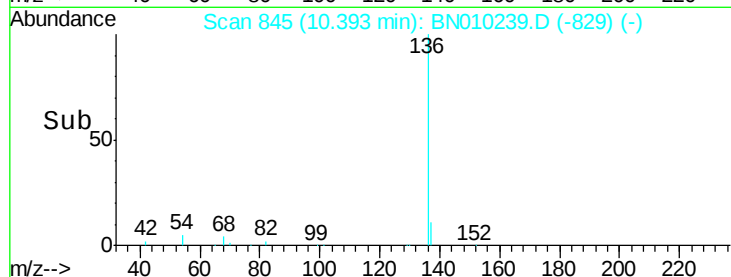


Abundance Ion 136.00 (135.70 to 136.70): E

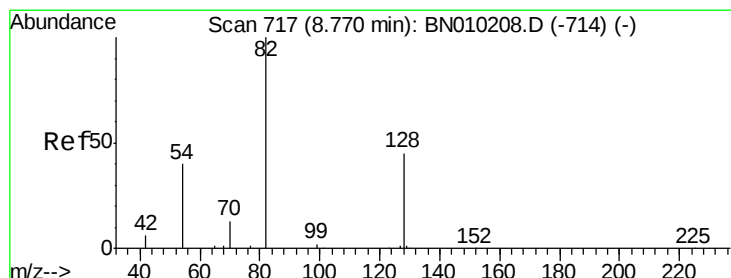
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.640 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010239.D

Acq: 17 Mar 2020 14:47

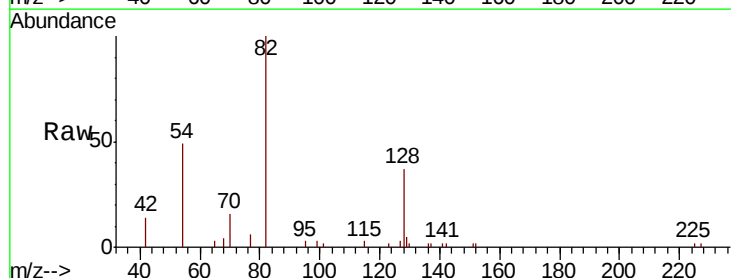
Tgt Ion: 82 Resp: 4030

Ion Ratio Lower Upper

82 100

128 37.0 35.0 52.6

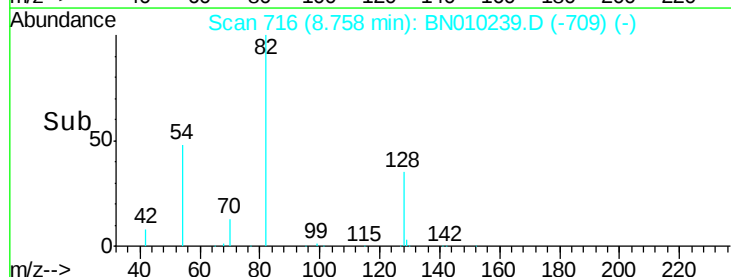
54 48.9 37.0 55.4



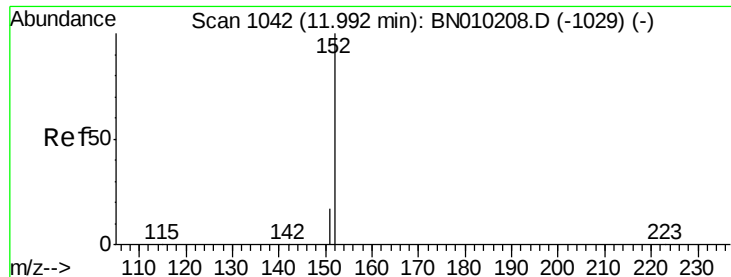
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



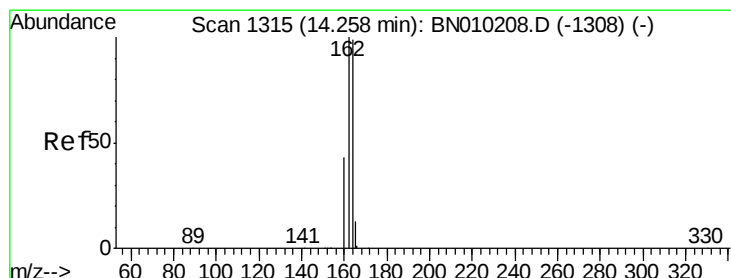
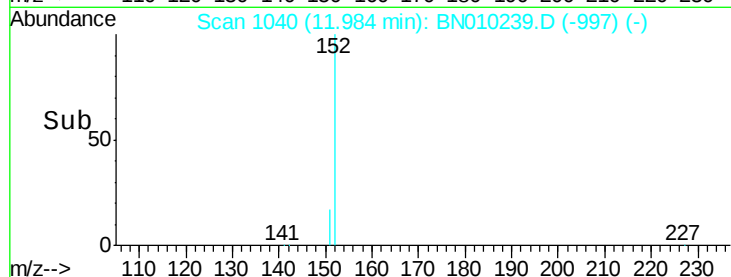
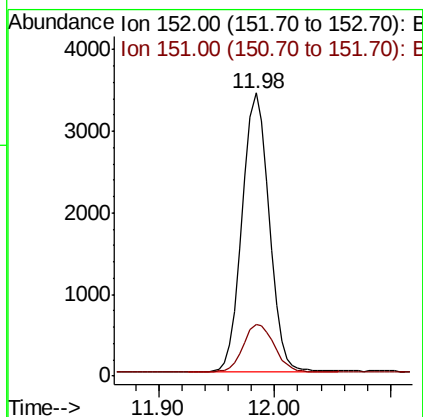
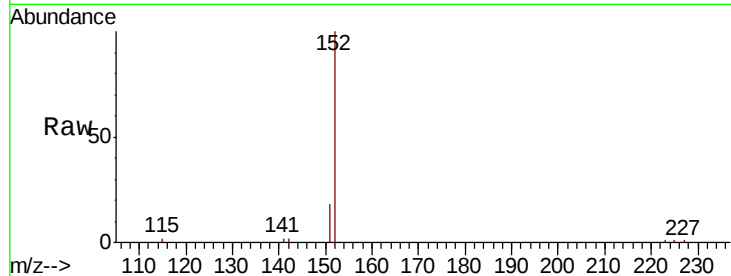
Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.312 ng
 RT: 11.98 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BN010239.D
 Acq: 17 Mar 2020 14:47

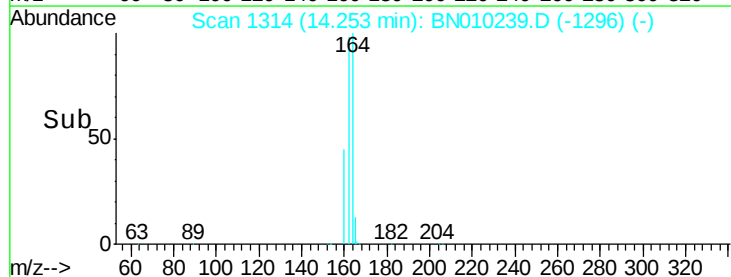
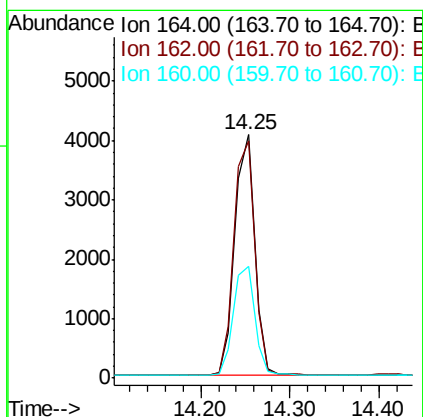
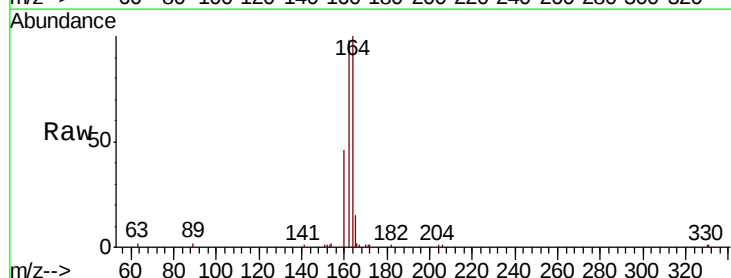
Instrument :
 BNA_N
 ClientSampleId :
 PB127524BL

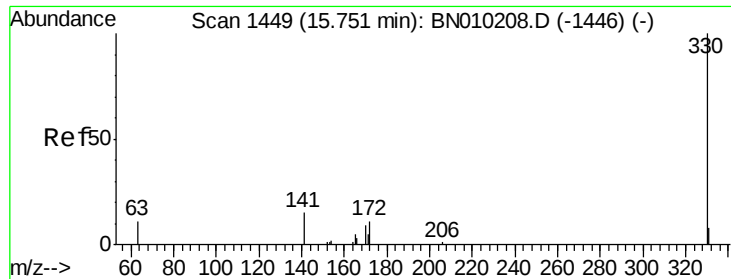
Tot Ion:152 Resp: 5402
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.25 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BN010239.D
 Acq: 17 Mar 2020 14:47

Tgt Ion:164 Resp: 6290
 Ion Ratio Lower Upper
 164 100
 162 97.6 81.0 121.4
 160 46.0 35.6 53.4

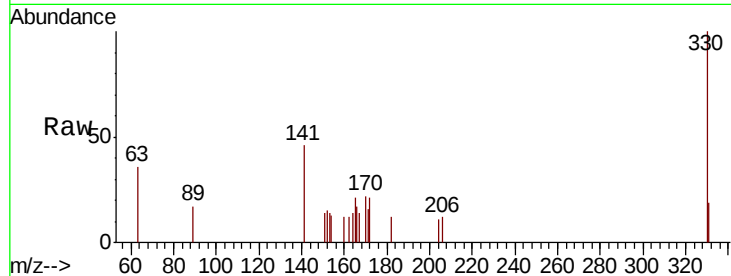




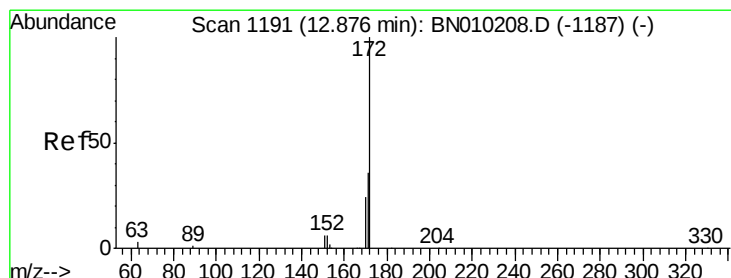
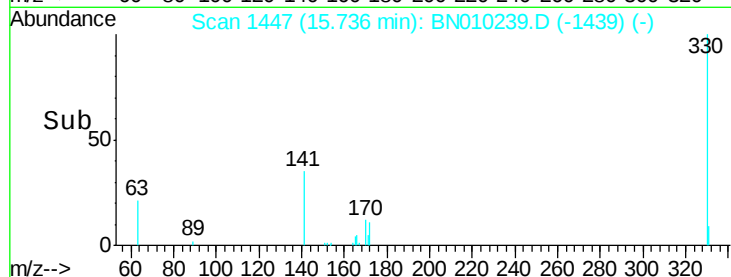
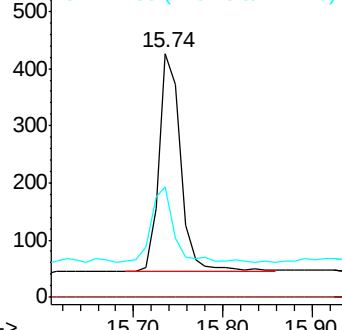
#14
 2,4,6-Tribromophenol
 Concen: 0.283 ng
 RT: 15.74 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BN010239.D
 Acq: 17 Mar 2020 14:47

Instrument :
 BNA_N
 ClientSampled :
 PB127524BL

Tot Ion:330 Resp: 637
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.2 25.1 37.7

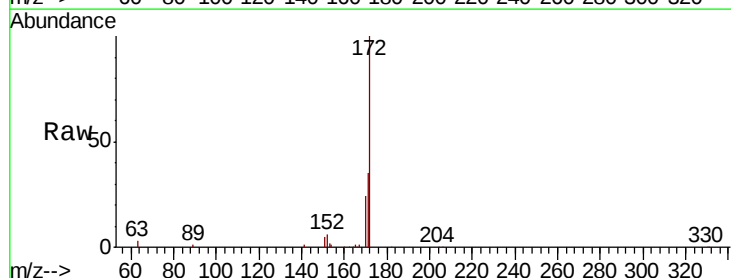


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

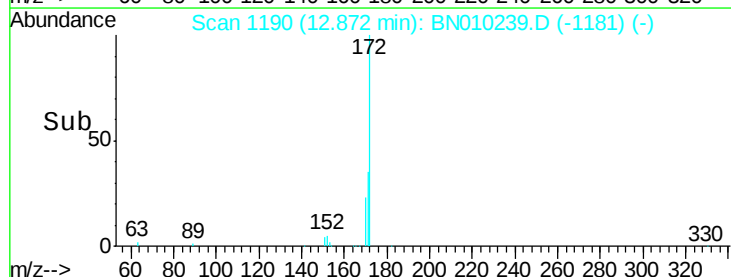
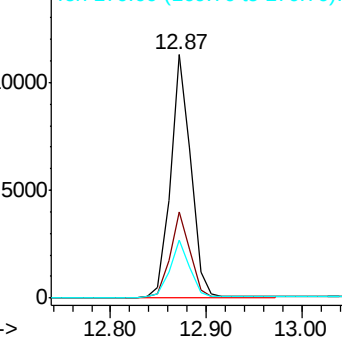


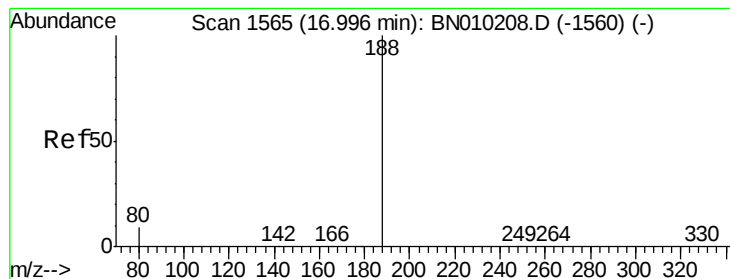
#15
 2-Fluorobiphenyl
 Concen: 0.734 ng
 RT: 12.87 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BN010239.D
 Acq: 17 Mar 2020 14:47

Tgt Ion:172 Resp: 16431
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.2
 170 23.8 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: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010239.D

Acq: 17 Mar 2020 14:47

Instrument :

BNA_N

ClientSampleId :

PB127524BL

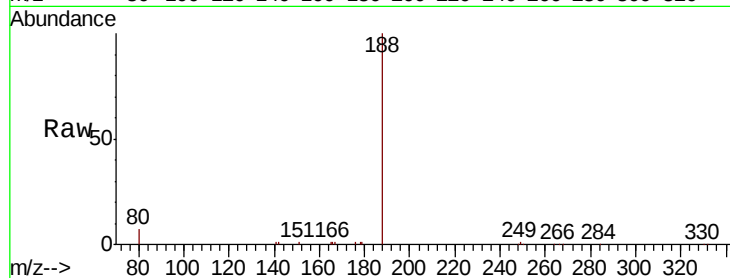
Tot Ion:188 Resp: 15357

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

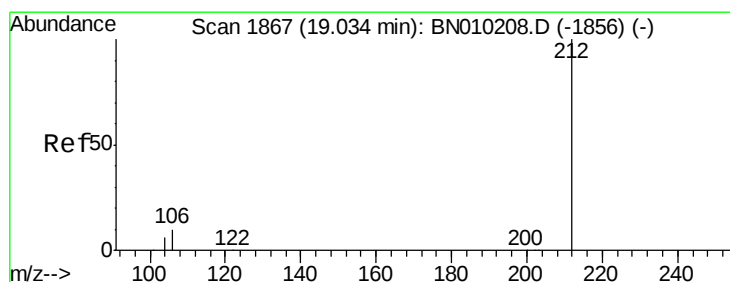
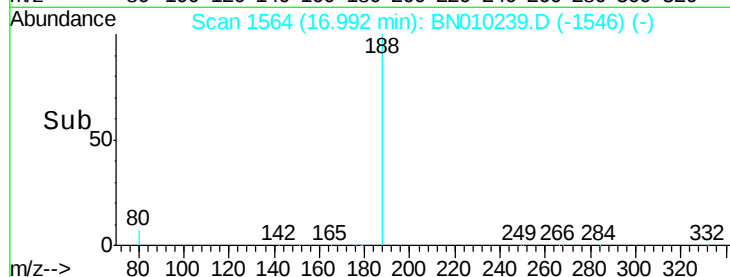
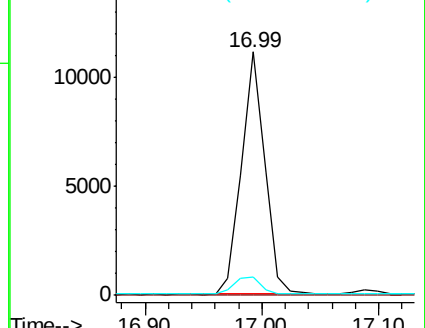
80 7.5 8.6 12.8#



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: 0.337 ng

RT: 19.03 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010239.D

Acq: 17 Mar 2020 14:47

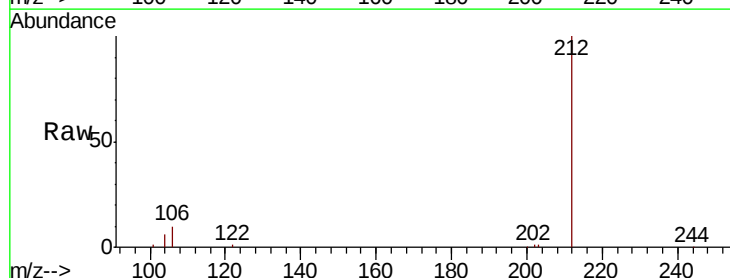
Tgt Ion:212 Resp: 15965

Ion Ratio Lower Upper

212 100

106 9.5 8.1 12.1

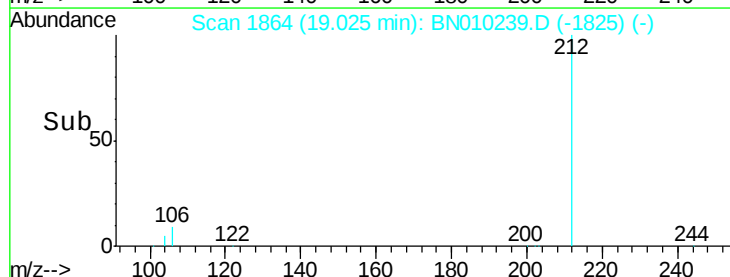
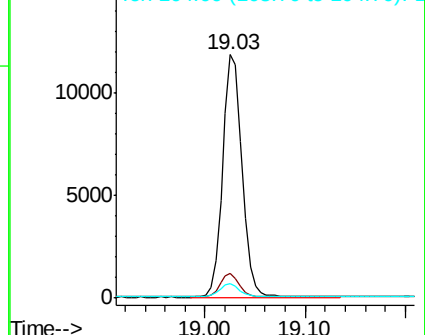
104 5.3 4.7 7.1

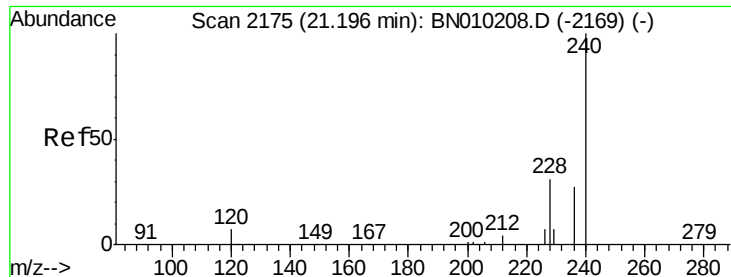


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

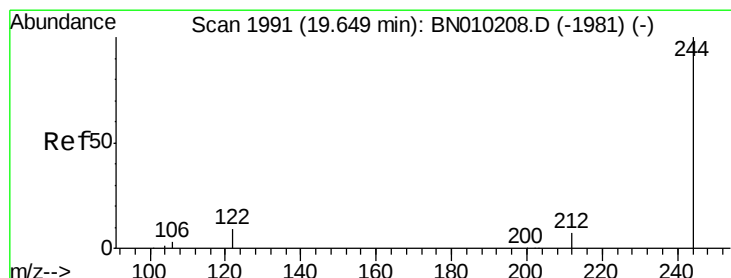
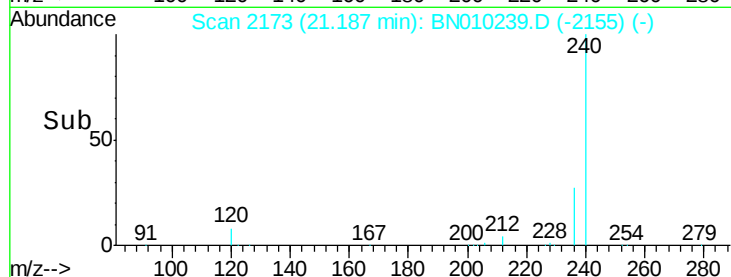
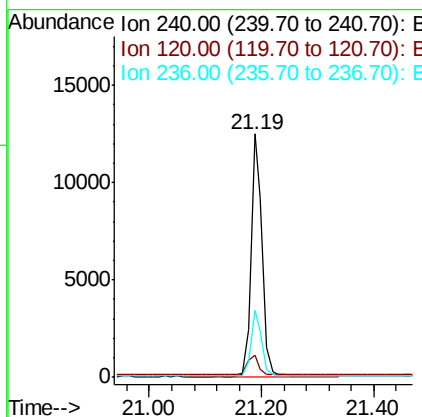
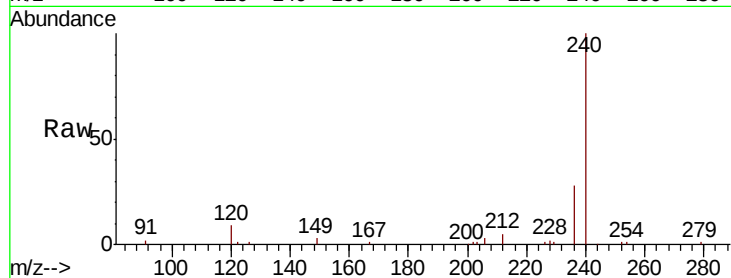




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BN010239.D
 Acq: 17 Mar 2020 14:47

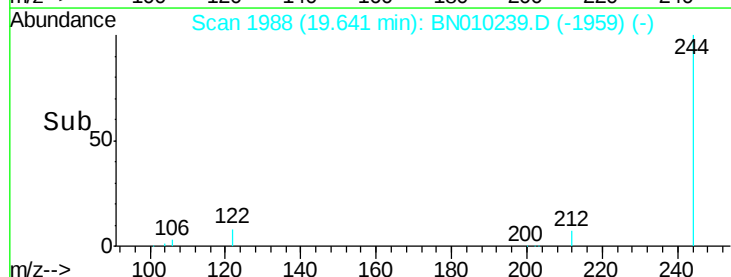
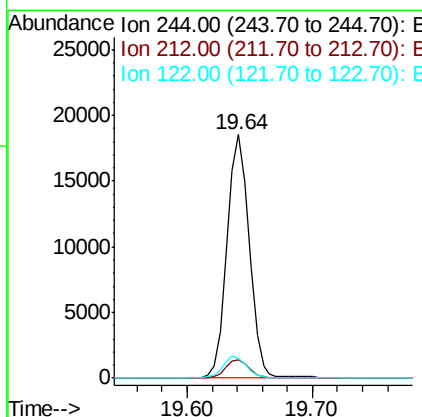
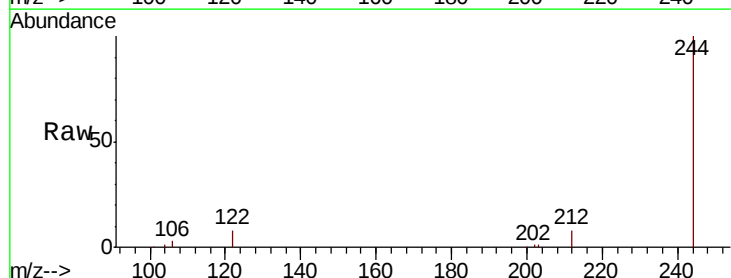
Instrument :
 BNA_N
 ClientSampleId :
 PB127524BL

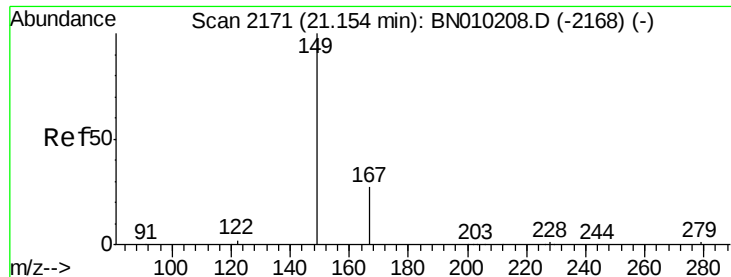
Tot Ion:240 Resp: 16795
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.7 11.5
 236 27.6 21.8 32.6



#29
 Terphenyl-d14
 Concen: 0.588 ng
 RT: 19.64 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BN010239.D
 Acq: 17 Mar 2020 14:47

Tgt Ion:244 Resp: 22529
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 8.1 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.153 ng

RT: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010239.D

Acq: 17 Mar 2020 14:47

Instrument :

BNA_N

ClientSampleId :

PB127524BL

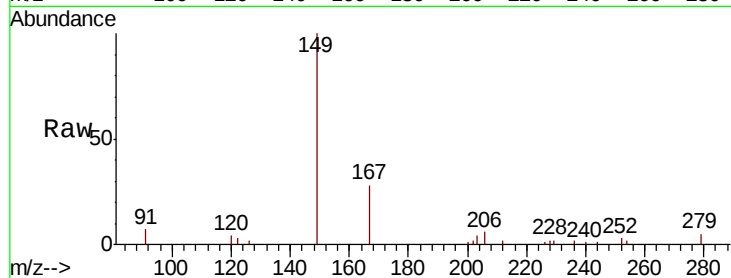
Tot Ion:149 Resp: 3722

Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.4

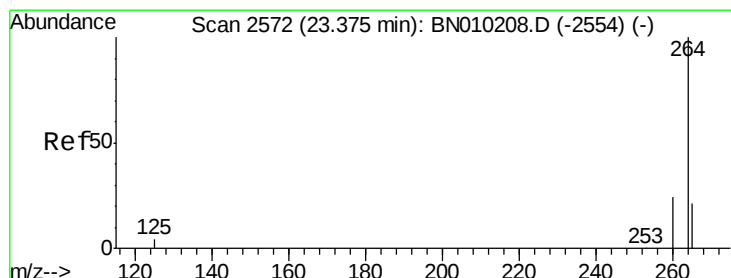
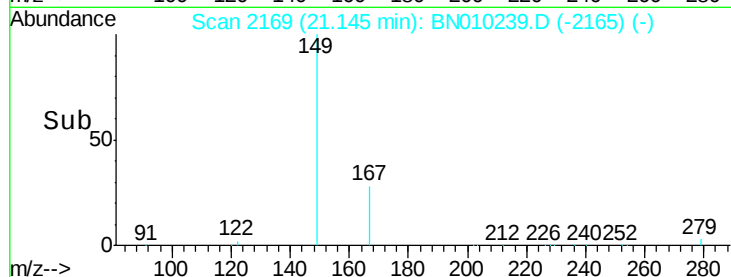
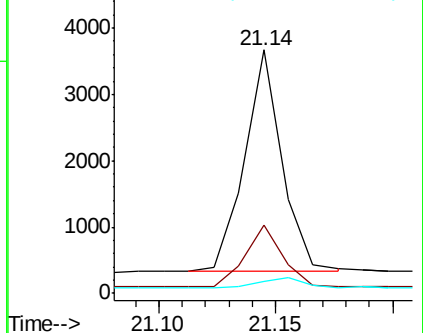
279 4.8 3.1 4.7#



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: 23.37 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BN010239.D

Acq: 17 Mar 2020 14:47

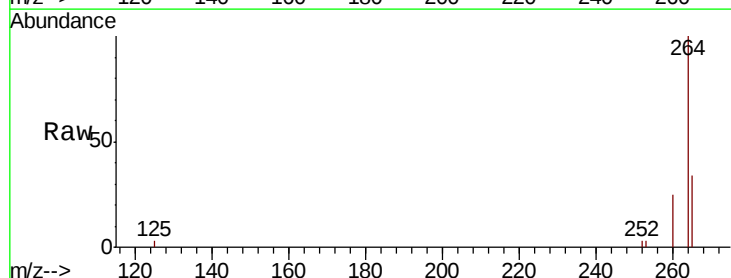
Tgt Ion:264 Resp: 19078

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 34.0 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

