

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010178.D
 Acq On : 11 Mar 2020 06:19
 Operator : CG/JU
 Sample : PB127320BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127320BL

Quant Time: Mar 11 07:36:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

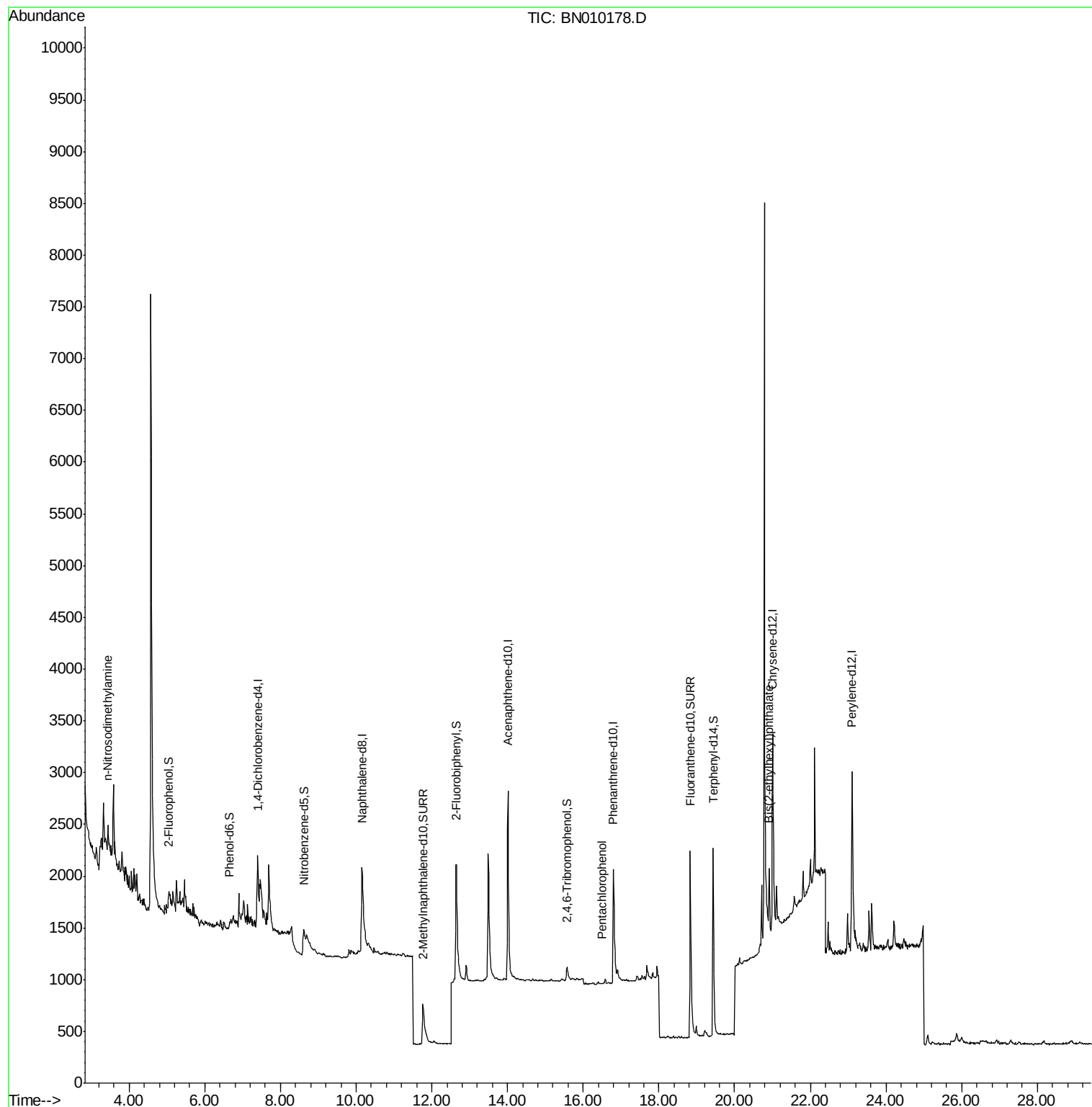
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	761	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	2589	0.40	ng	-0.03
13) Acenaphthene-d10	14.01	164	1543	0.40	ng	-0.04
19) Phenanthrene-d10	16.79	188	2990	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3003	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3223	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	286	0.17	ng	-0.02
5) Phenol-d6	6.65	99	169	0.08	ng	0.00
8) Nitrobenzene-d5	8.62	82	563	0.26	ng	0.03
11) 2-Methylnaphthalene-d10	11.77	152	1289	0.26	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	162	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	2038	0.35	ng	-0.03
25) Fluoranthene-d10	18.83	212	3426	0.33	ng	-0.03
29) Terphenyl-d14	19.43	244	3136	0.44	ng	-0.04
Target Compounds						
3) n-Nitrosodimethylamine	3.44	42	42	0.033	ng	# 11
20) 4-Bromophenyl-phenylether	16.02	248	145	Below Cal		# 76
22) Pentachlorophenol	16.49	266	6	0.188	ng	# 76
32) Bis(2-ethylhexyl)phthalate	20.91	149	671	0.138	ng	# 93

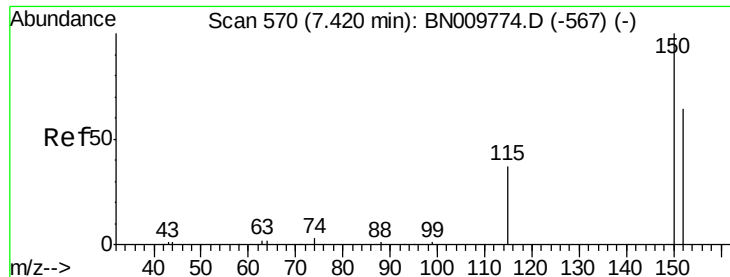
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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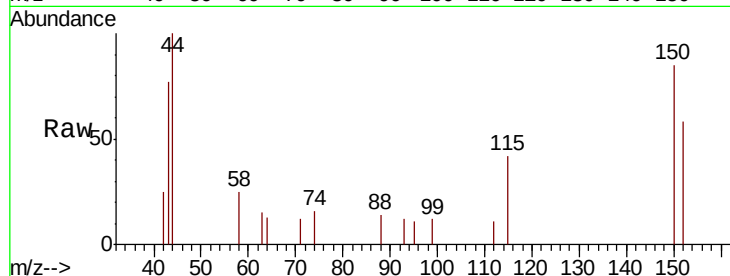


#1

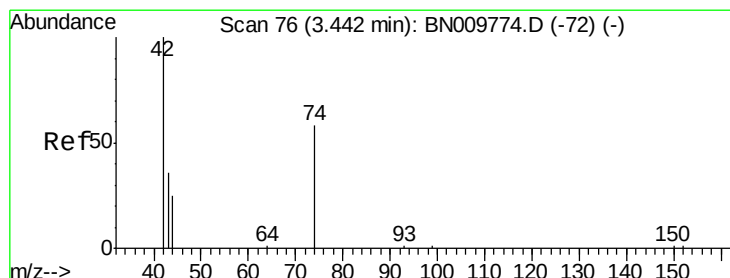
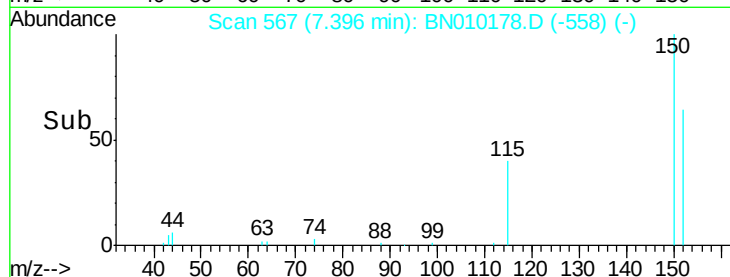
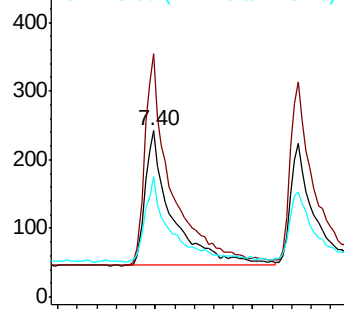
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN010178.D
Acq: 11 Mar 2020 06:19

Instrument :
BNA_N
ClientSampleId :
PB127320BL

Tot Ion:152 Resp: 761
Ion Ratio Lower Upper
152 100
150 146.3 120.6 181.0
115 72.3 51.2 76.8



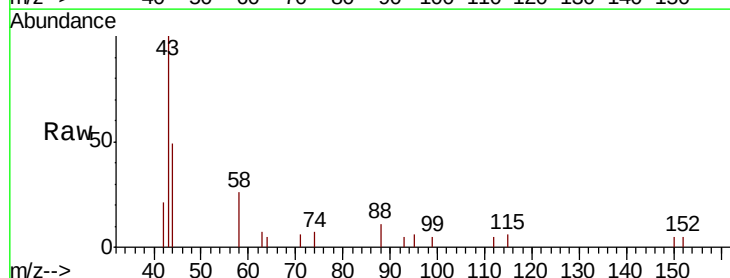
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



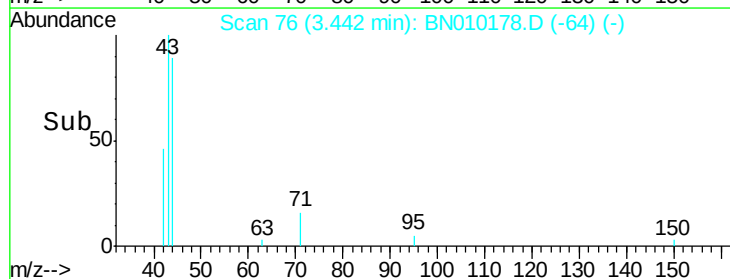
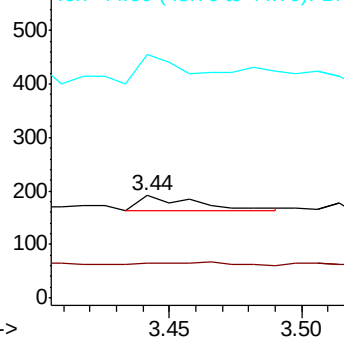
#3

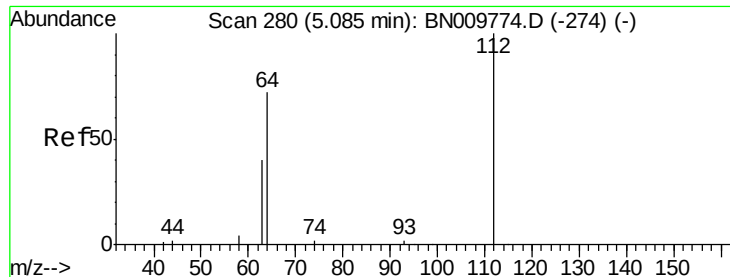
n-Nitrosodimethylamine
Concen: 0.033 ng
RT: 3.44 min Scan# 76
Delta R.T. -0.00 min
Lab File: BN010178.D
Acq: 11 Mar 2020 06:19

Tgt Ion: 42 Resp: 42
Ion Ratio Lower Upper
42 100
74 0.0 51.2 76.8#
44 76.2 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#4

2-Fluorophenol

Concen: 0.169 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

Instrument :

BNA_N

ClientSampleId :

PB127320BL

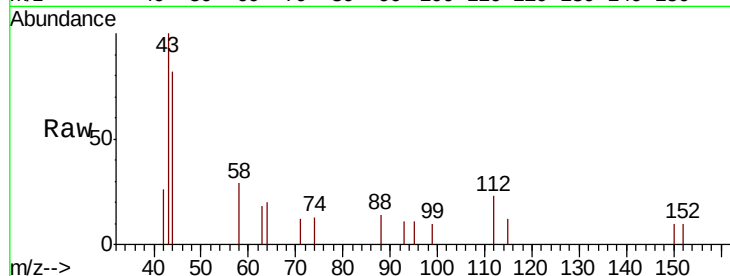
Tot Ion: 112 Resp: 286

Ion Ratio Lower Upper

112 100

64 77.3 65.8 98.6

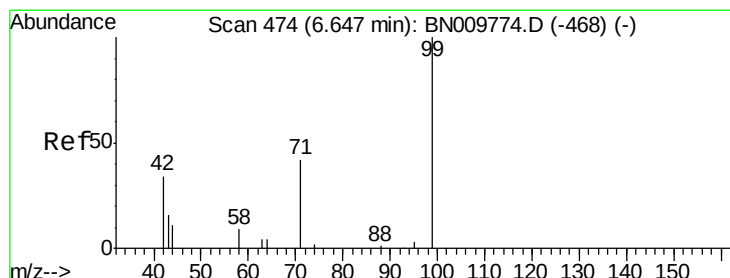
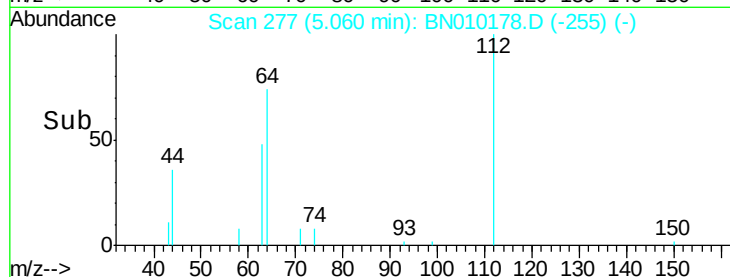
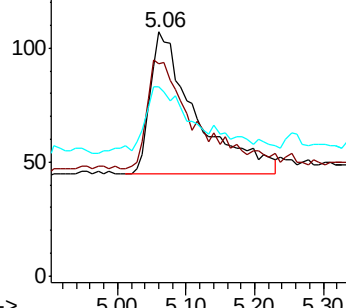
63 43.4 38.7 58.1



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: 0.082 ng

RT: 6.65 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

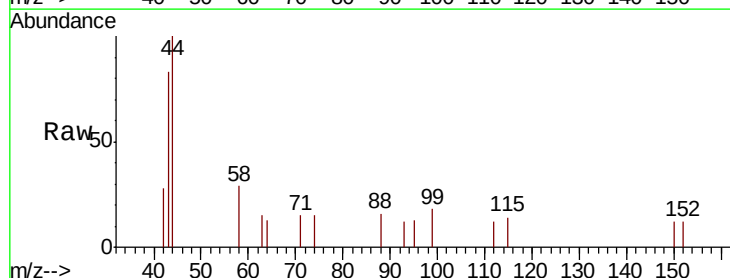
Tgt Ion: 99 Resp: 169

Ion Ratio Lower Upper

99 100

42 14.8 30.8 46.2#

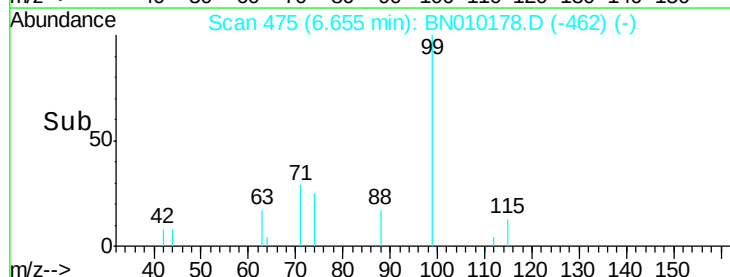
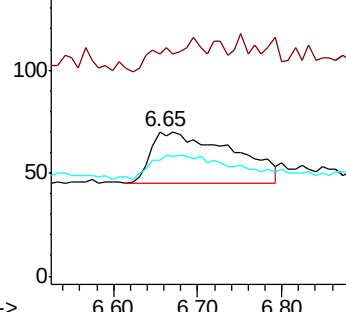
71 37.3 34.9 52.3

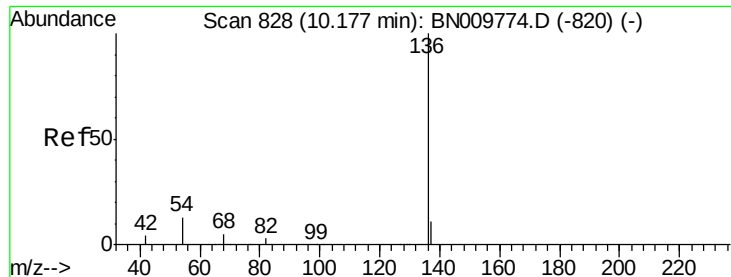


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

Instrument :

BNA_N

ClientSampleId :

PB127320BL

Tot Ion:136 Resp: 2589

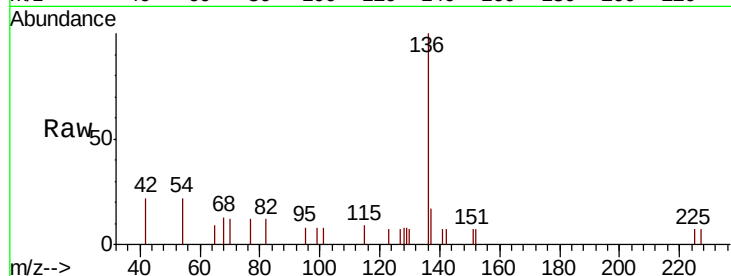
Ion Ratio Lower Upper

136 100

137 16.8 11.3 16.9

54 22.1 13.4 20.2#

68 13.0 7.0 10.4#

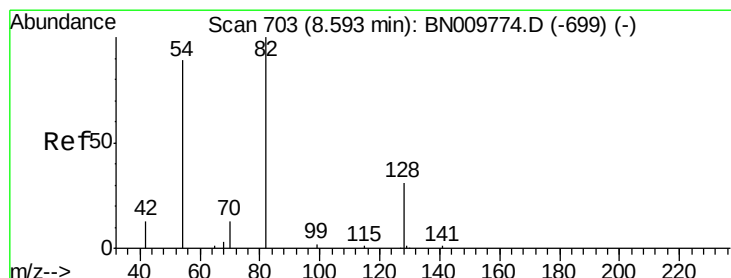
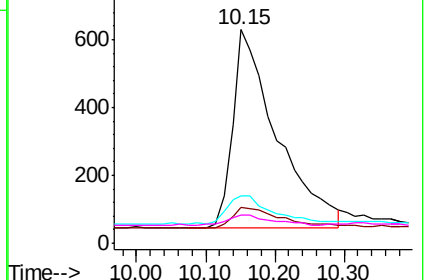
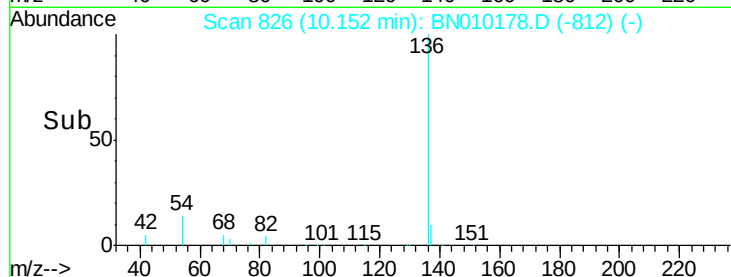


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.261 ng

RT: 8.62 min Scan# 705

Delta R.T. 0.03 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

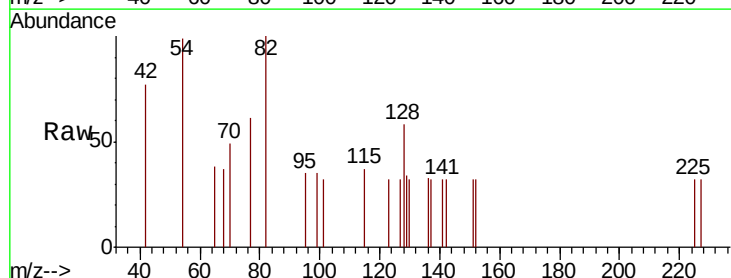
Tgt Ion: 82 Resp: 563

Ion Ratio Lower Upper

82 100

128 58.5 32.5 48.7#

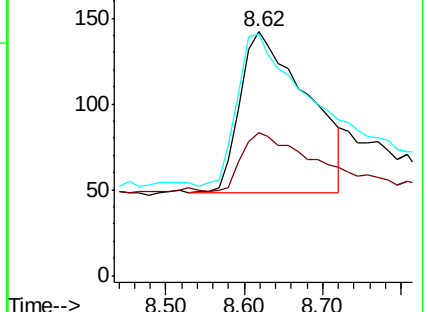
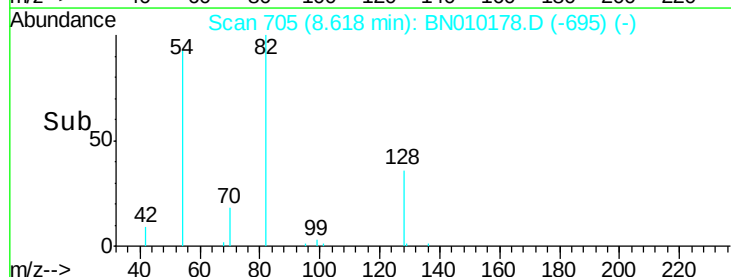
54 99.3 73.5 110.3

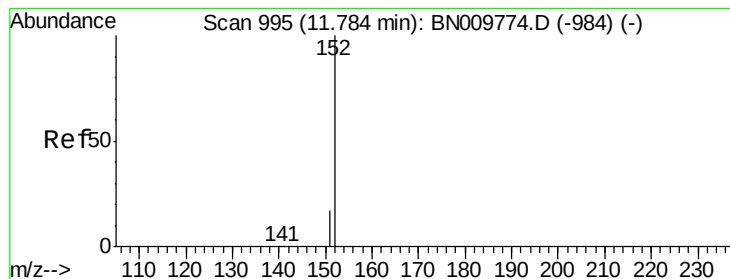


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.257 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.02 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

Instrument :

BNA_N

ClientSampleId :

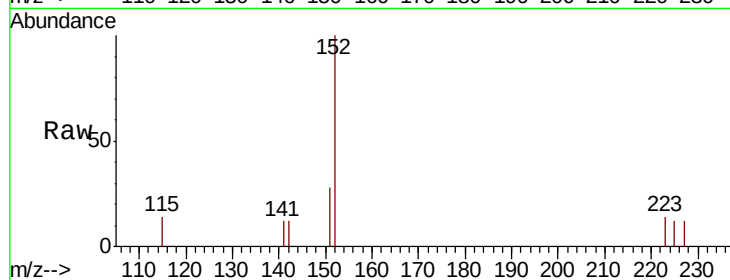
PB127320BL

Tot Ion:152 Resp: 1289

Ion Ratio Lower Upper

152 100

151 18.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

400

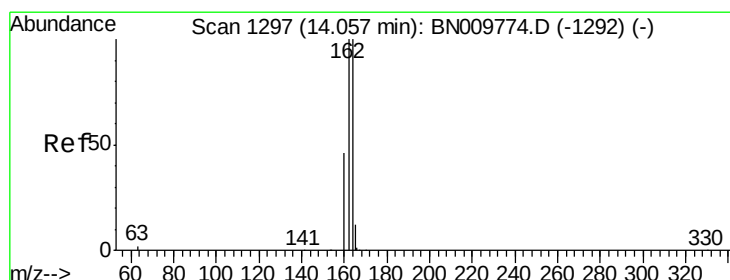
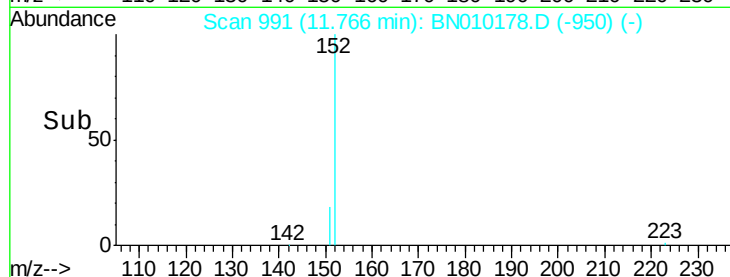
300

200

100

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

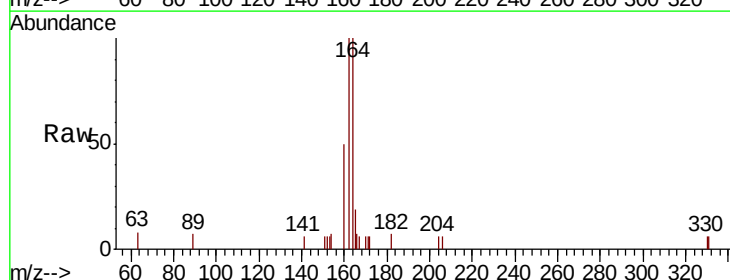
Tgt Ion:164 Resp: 1543

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 50.1 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.01

1000

800

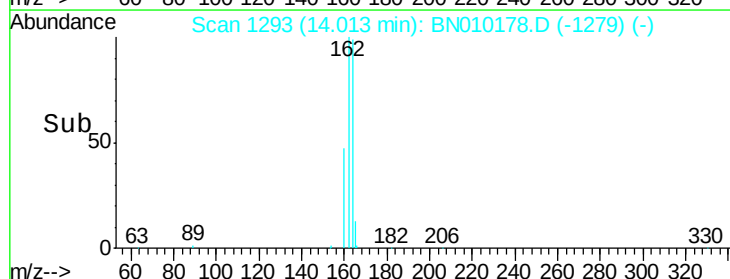
600

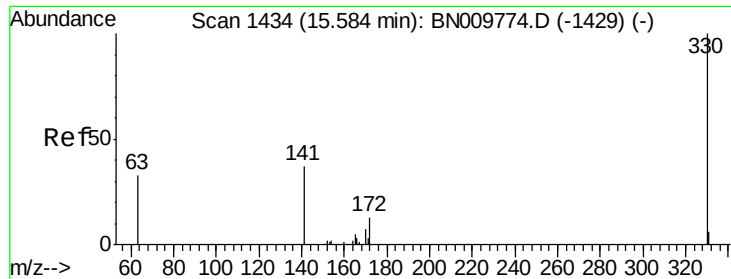
400

200

0

Time-->

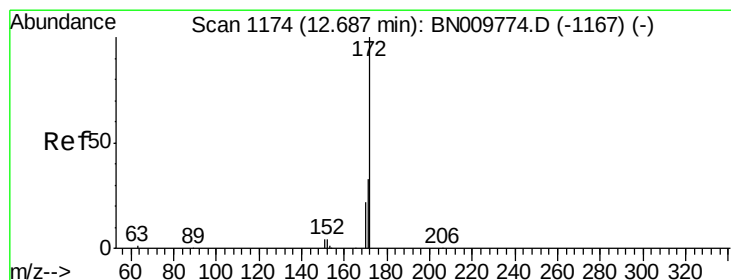
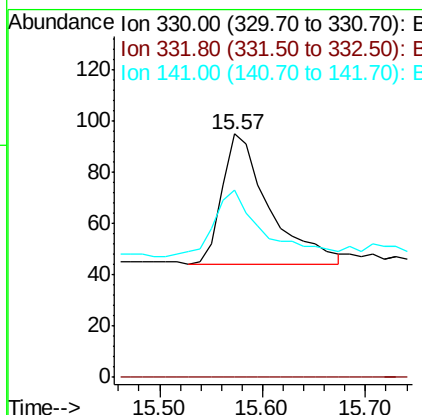
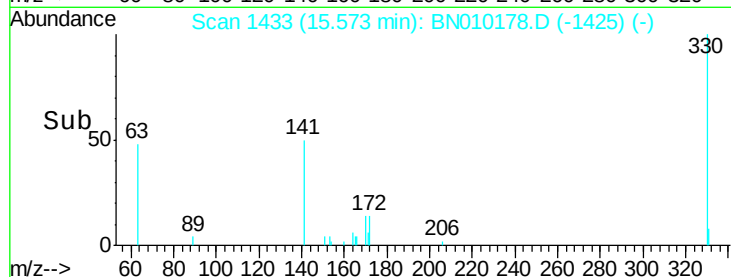
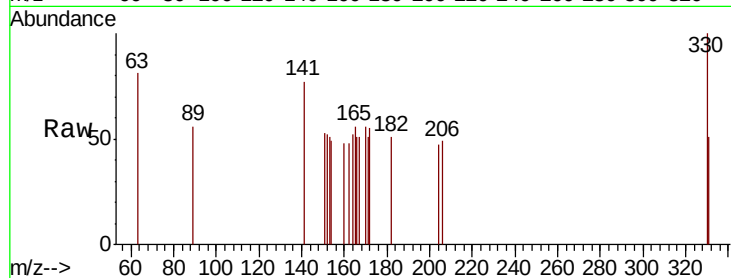




#14
 2,4,6-Tribromophenol
 Concen: 0.273 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN010178.D
 Acq: 11 Mar 2020 06:19

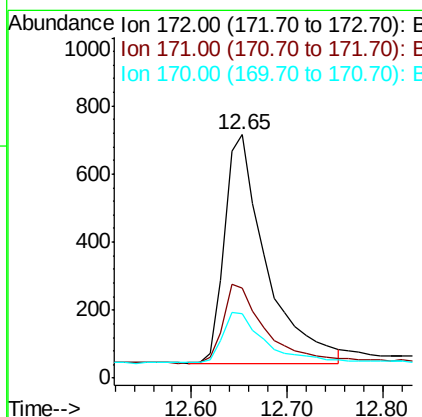
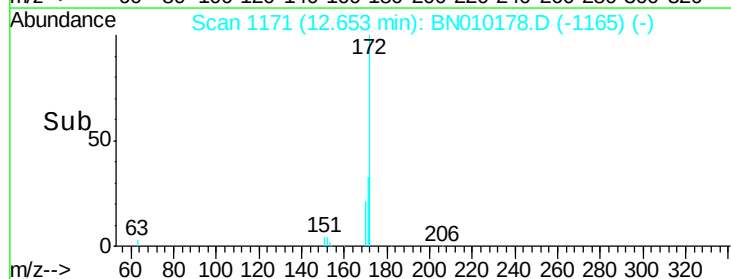
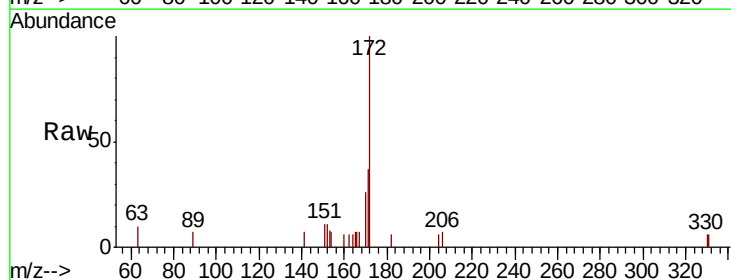
Instrument :
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 PB127320BL

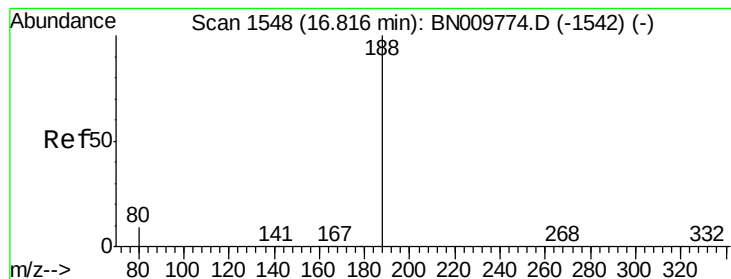
Tot Ion:330 Resp: 162
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 51.9 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.350 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010178.D
 Acq: 11 Mar 2020 06:19

Tgt Ion:172 Resp: 2038
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.7 43.1
 170 26.3 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

Instrument :

BNA_N

ClientSampleId :

PB127320BL

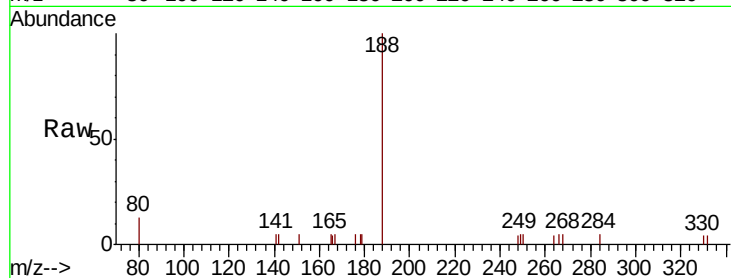
Tot Ion:188 Resp: 2990

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

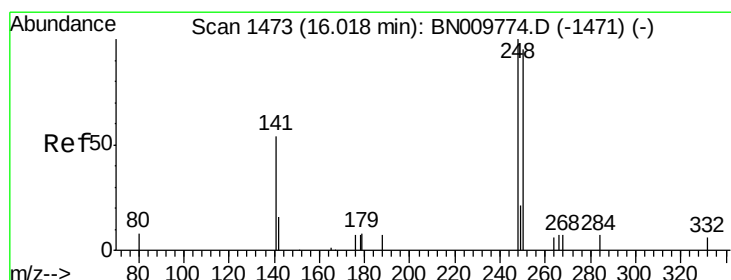
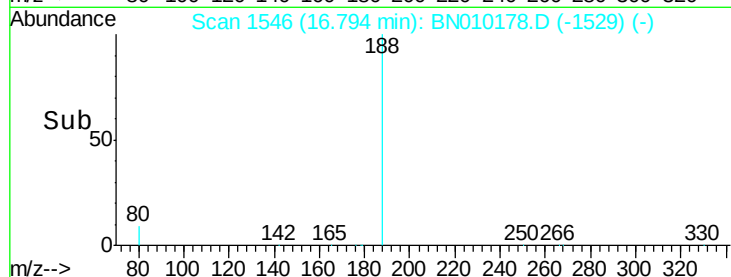
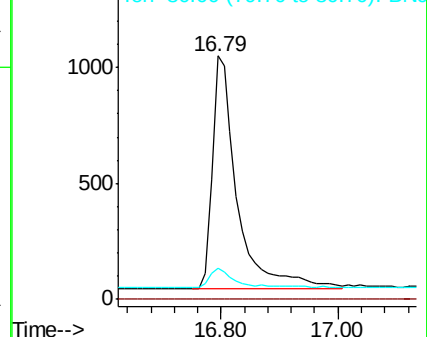
80 12.9 8.3 12.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

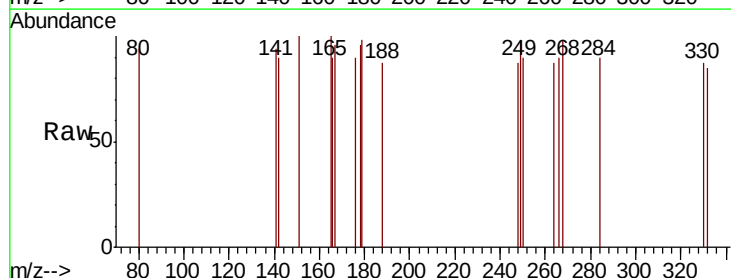
Tgt Ion:248 Resp: 145

Ion Ratio Lower Upper

248 100

250 104.4 76.2 114.4

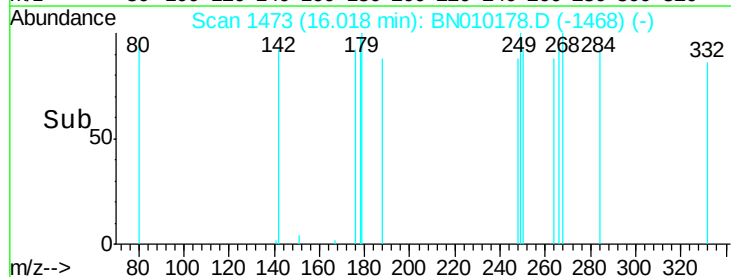
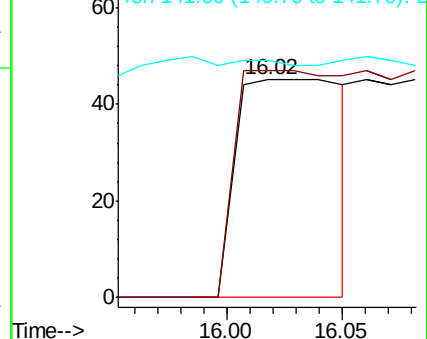
141 108.9 57.8 86.6#

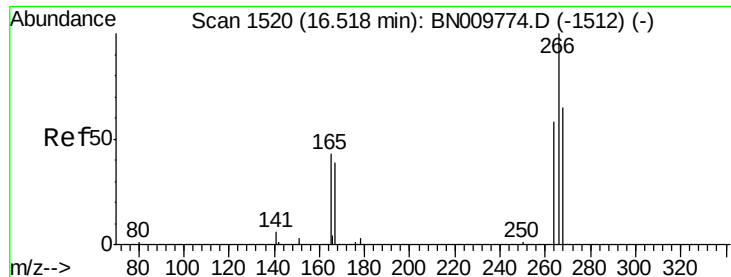


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.188 ng

RT: 16.49 min Scan# 1517

Delta R.T. -0.03 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

Instrument :

BNA_N

ClientSampleId :

PB127320BL

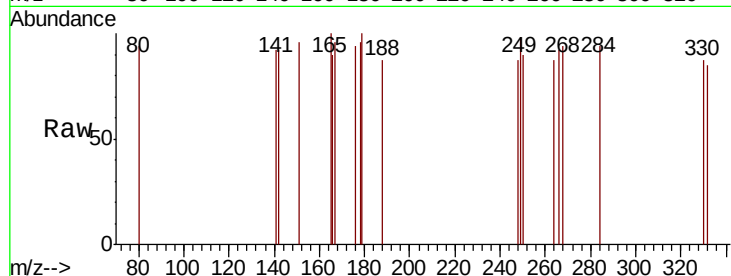
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 58.1 87.1#

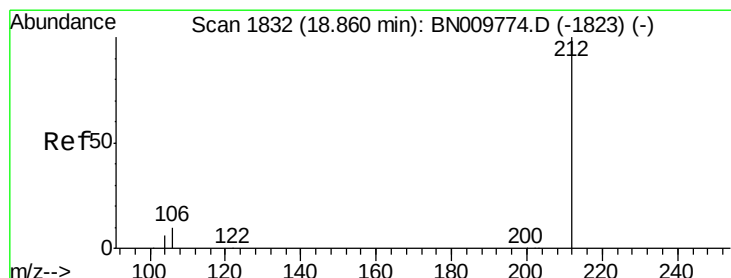
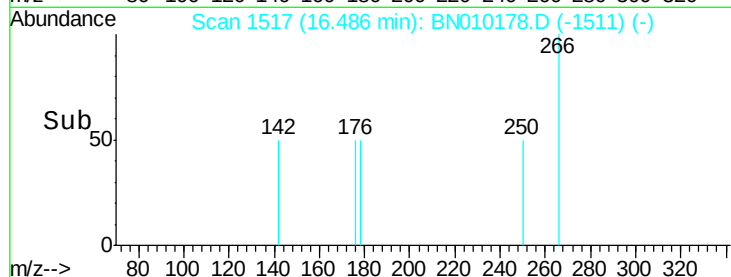
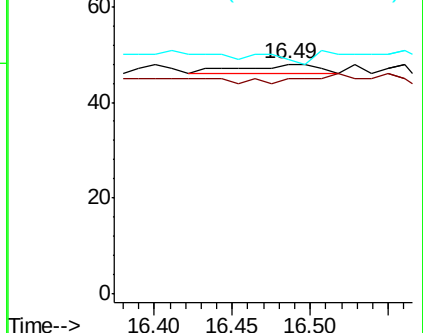
268 102.1 65.7 98.5#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

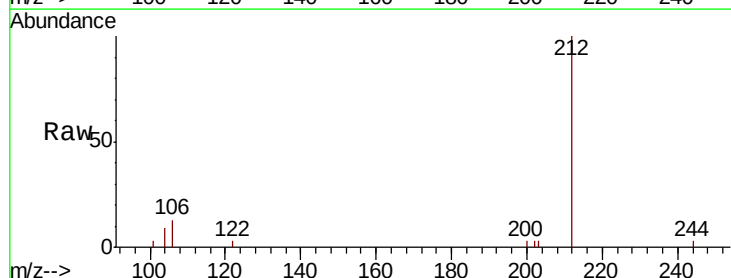
Tgt Ion:212 Resp: 3426

Ion Ratio Lower Upper

212 100

106 9.5 8.4 12.6

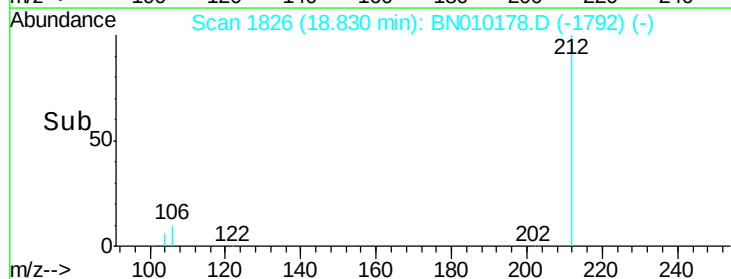
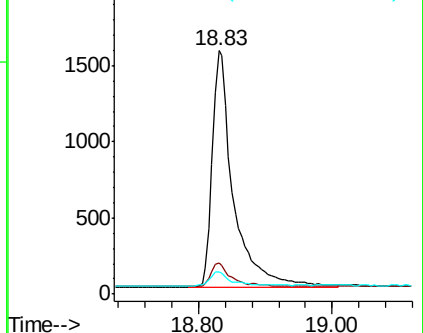
104 6.0 4.8 7.2

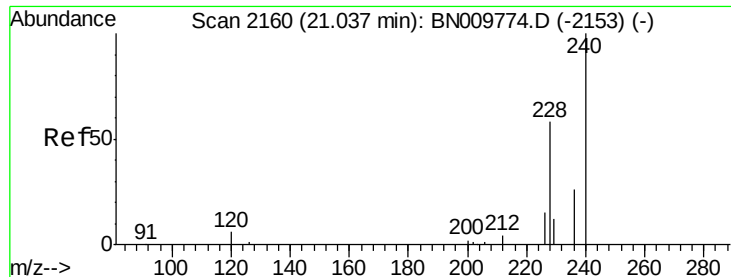


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

Instrument :

BNA_N

ClientSampleId :

PB127320BL

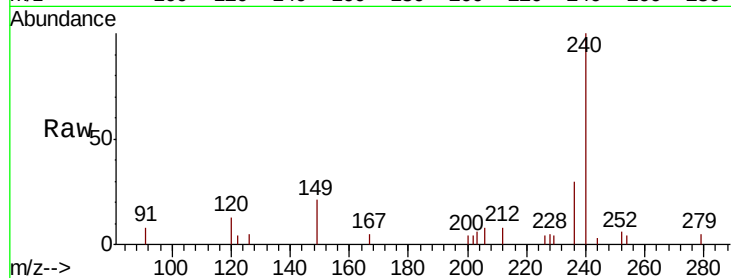
Tot Ion:240 Resp: 3003

Ion Ratio Lower Upper

240 100

120 12.8 7.9 11.9#

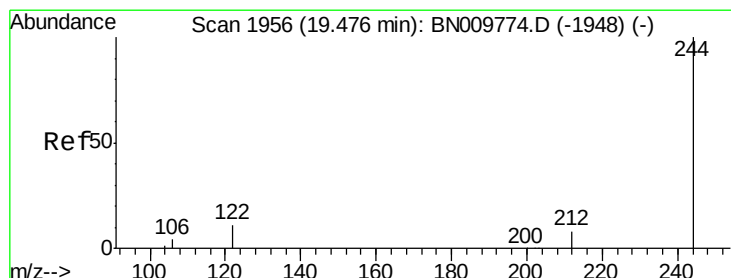
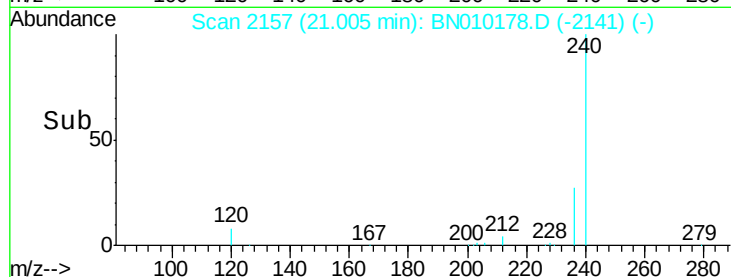
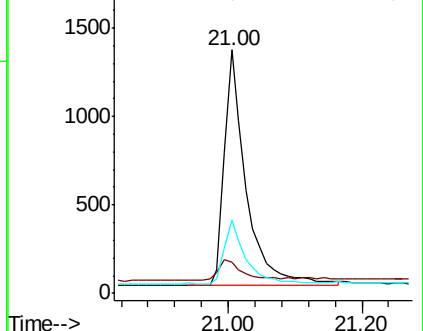
236 29.9 22.0 33.0



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: 0.437 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

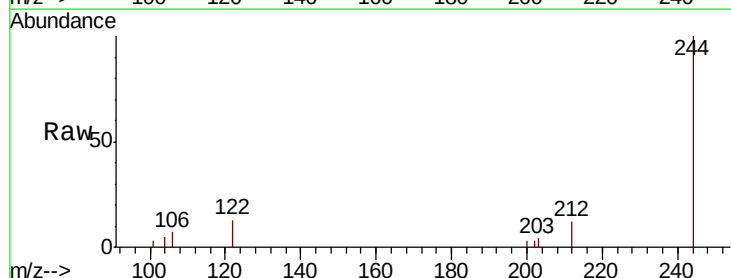
Tgt Ion:244 Resp: 3136

Ion Ratio Lower Upper

244 100

212 11.6 8.0 12.0

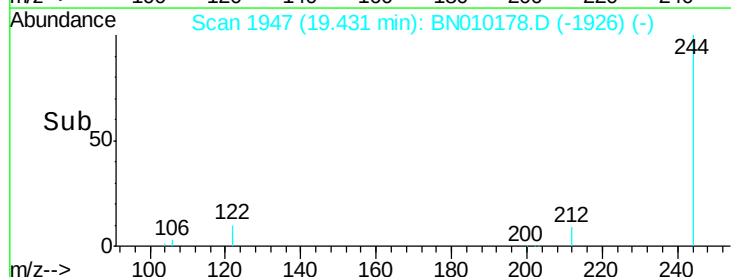
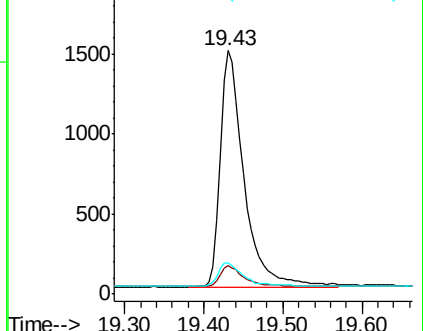
122 12.7 10.0 15.0

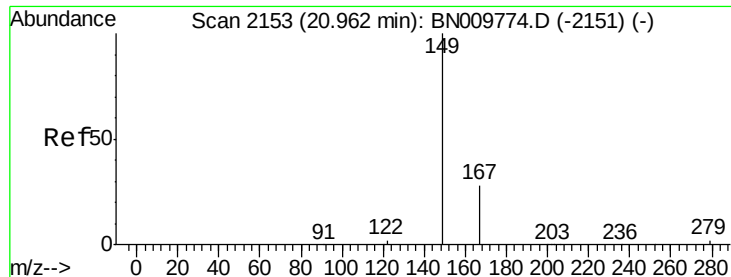


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.138 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

Instrument :

BNA_N

ClientSampleId :

PB127320BL

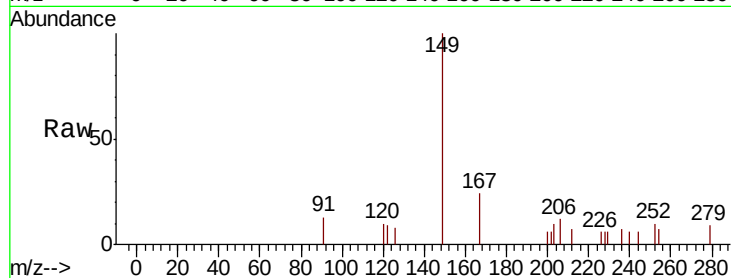
Tot Ion:149 Resp: 671

Ion Ratio Lower Upper

149 100

167 24.1 22.7 34.1

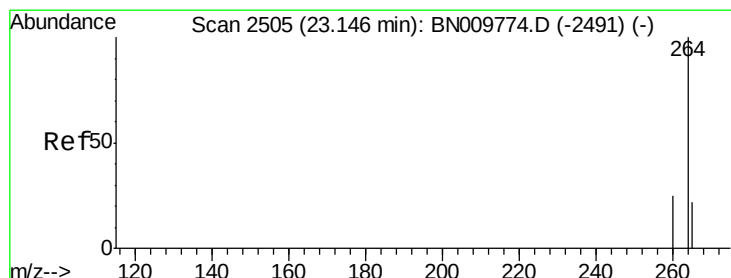
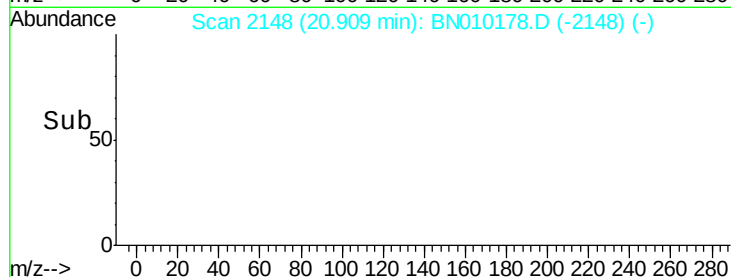
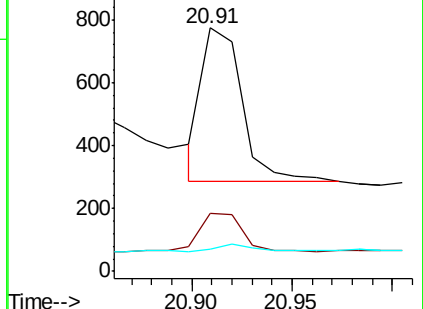
279 4.9 3.1 4.7#



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: 23.10 min Scan# 2493

Delta R.T. -0.04 min

Lab File: BN010178.D

Acq: 11 Mar 2020 06:19

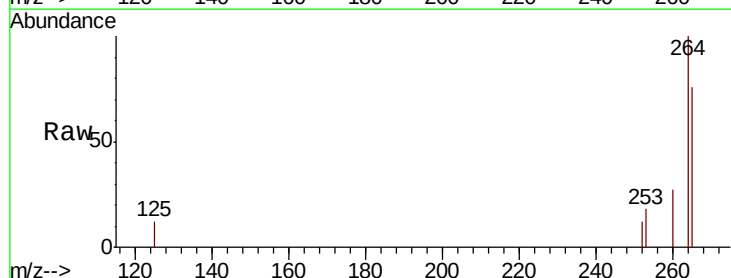
Tgt Ion:264 Resp: 3223

Ion Ratio Lower Upper

264 100

260 27.2 21.1 31.7

265 76.2 57.5 86.3



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

