

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010257.D
 Acq On : 18 Mar 2020 09:26
 Operator : CG/JU
 Sample : L1903-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 18 11:18:47 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

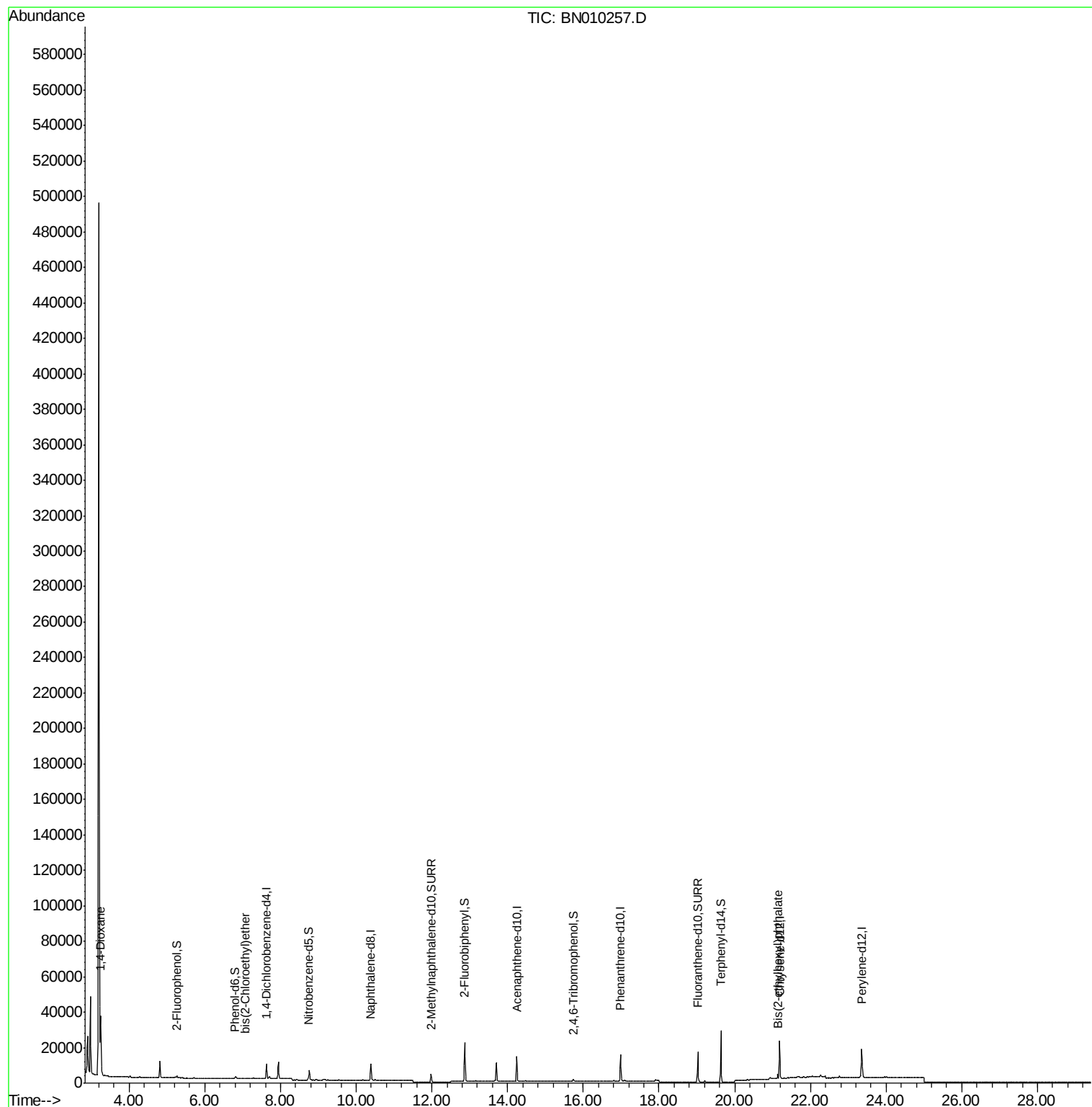
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3766	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12983	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7775	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18603	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	19542	0.40	ng	-0.01
34) Perylene-d12	23.36	264	21404	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1176	0.13	ng	0.00
5) Phenol-d6	6.81	99	965	0.09	ng	0.00
8) Nitrobenzene-d5	8.76	82	4581	0.59	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6309	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	958	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	18717	0.68	ng	-0.01
25) Fluoranthene-d10	19.02	212	19465	0.34	ng	-0.01
29) Terphenyl-d14	19.63	244	28103	0.63	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	19135	5.208	ng	# 52
6) bis(2-Chloroethyl)ether	7.07	93	198	0.021	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.13	149	2461	0.087	ng	# 95

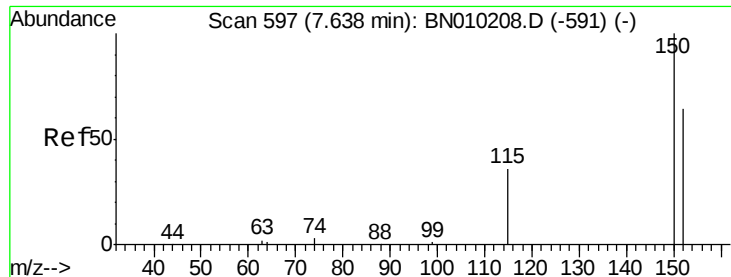
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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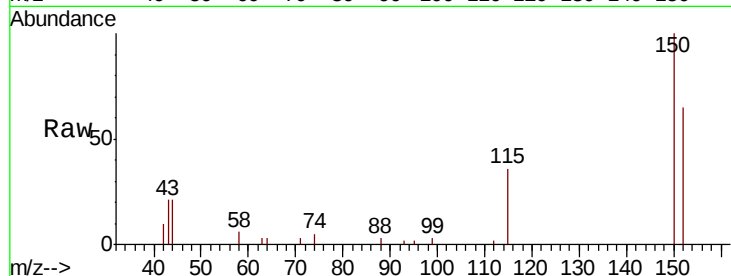


#1

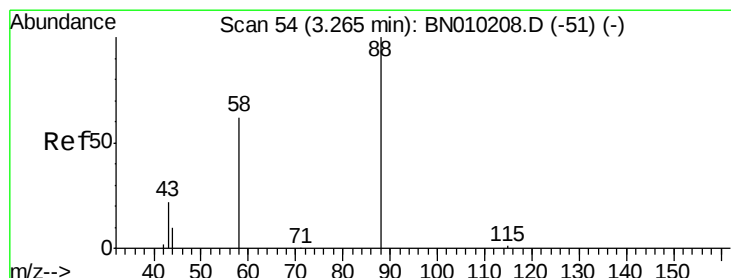
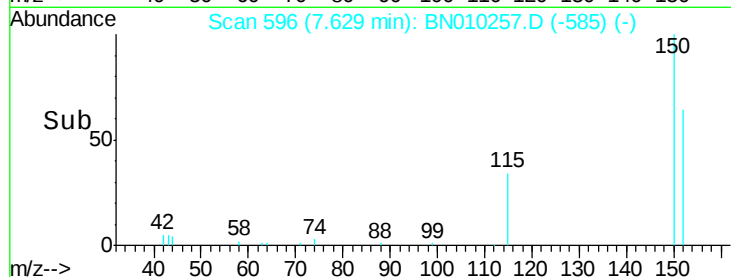
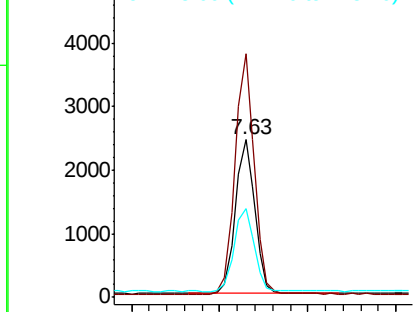
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010257.D
Acq: 18 Mar 2020 09:26

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 3766
Ion Ratio Lower Upper
152 100
150 154.7 119.5 179.3
115 56.0 50.9 76.3



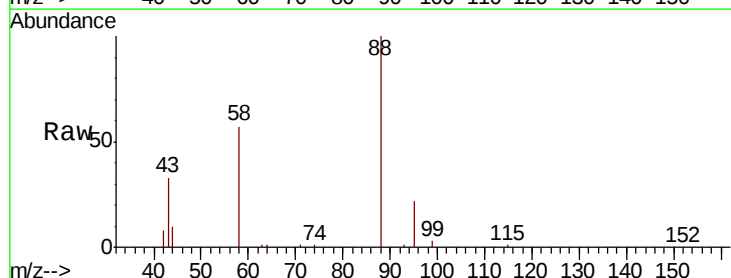
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



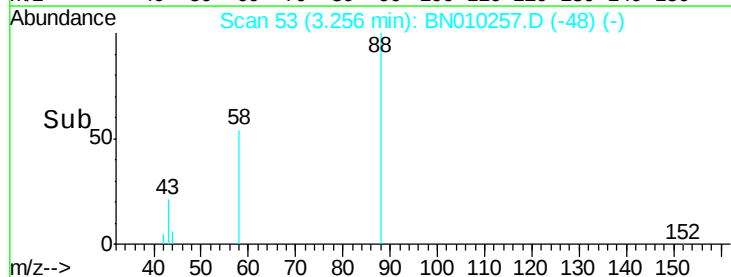
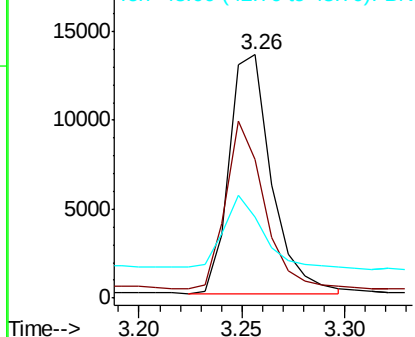
#2

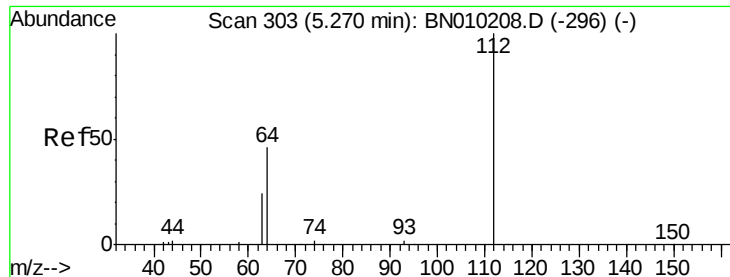
1,4-Dioxane
Concen: 5.208 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010257.D
Acq: 18 Mar 2020 09:26

Tgt Ion: 88 Resp: 19135
Ion Ratio Lower Upper
88 100
58 63.9 97.8 146.8#
43 26.9 45.1 67.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.133 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

Instrument :

BNA_N

ClientSampled :

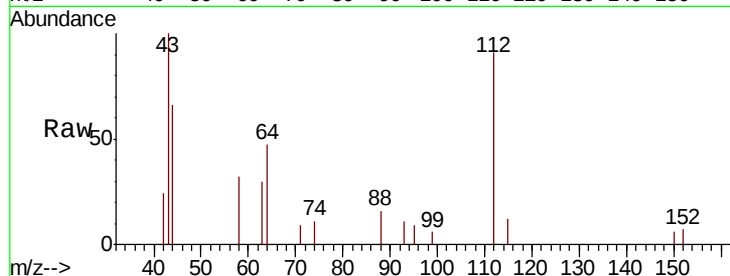
Tot Ion: 112 Resp: 1176

Ion Ratio Lower Upper

112 100

64 52.6 42.6 63.8

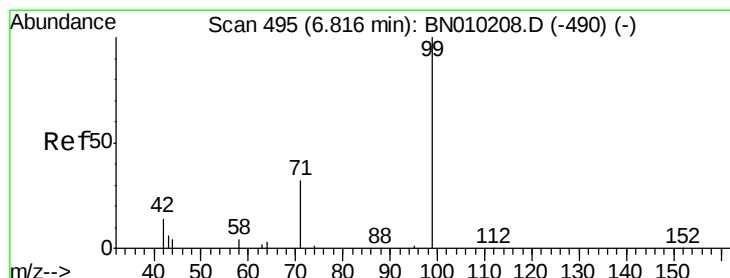
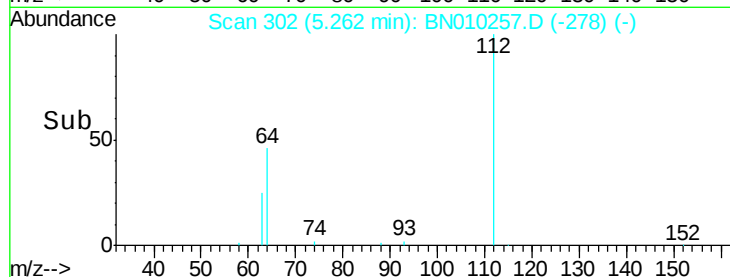
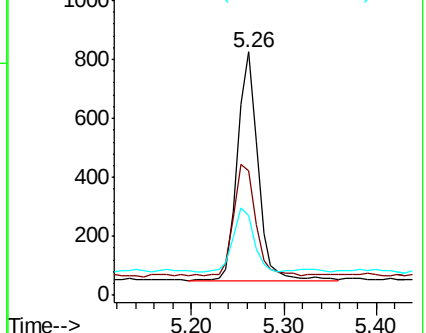
63 28.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.087 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

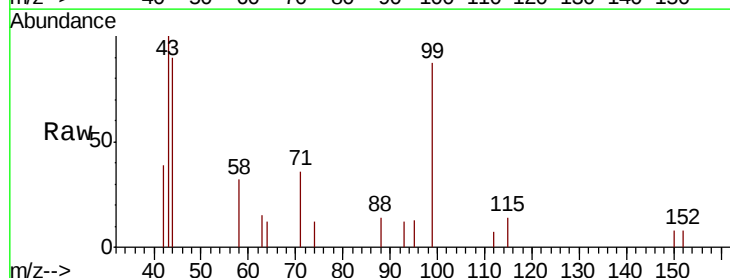
Tgt Ion: 99 Resp: 965

Ion Ratio Lower Upper

99 100

42 30.6 12.0 18.0#

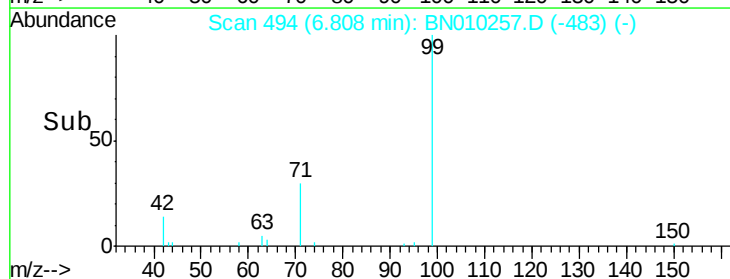
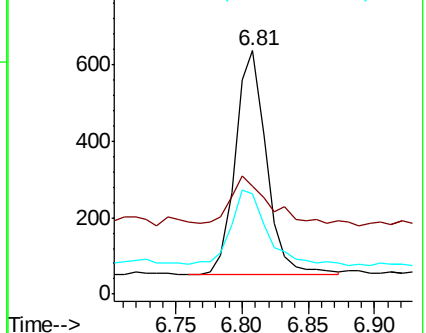
71 39.5 22.6 33.8#

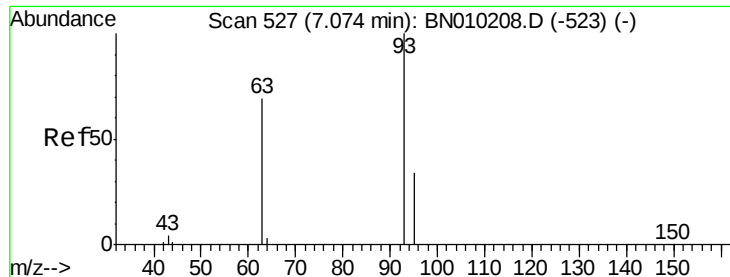


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.07 min Scan# 526

Delta R.T. -0.01 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

Instrument :

BNA_N

ClientSampleId :

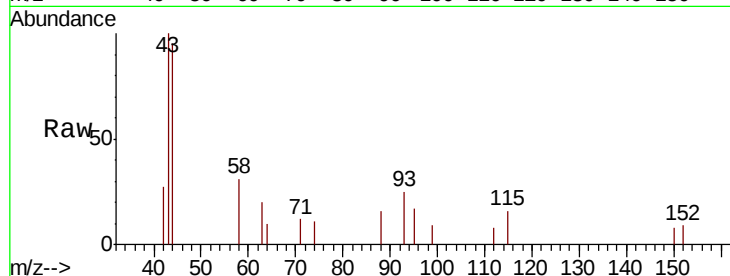
Tot Ion: 93 Resp: 198

Ion Ratio Lower Upper

93 100

63 58.1 53.4 80.0

95 36.4 28.6 42.8

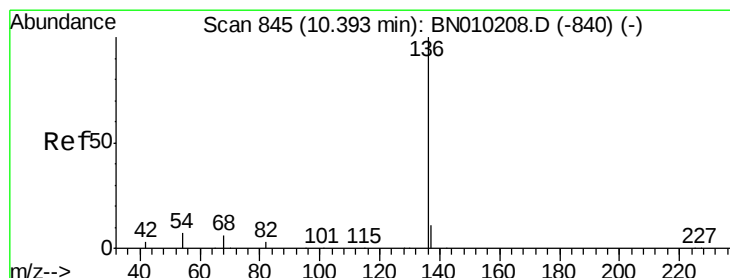
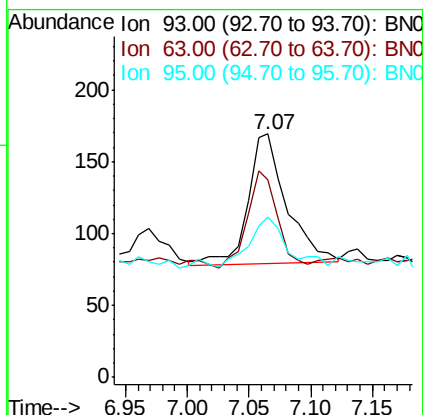
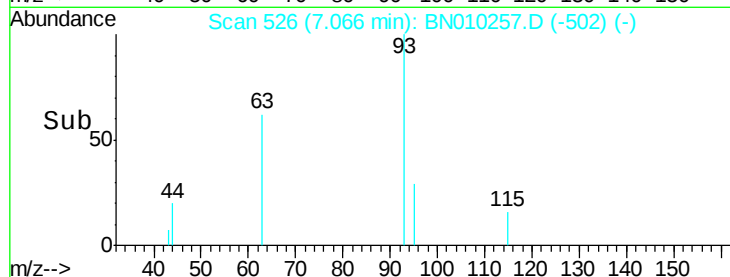


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

Tgt Ion: 136 Resp: 12983

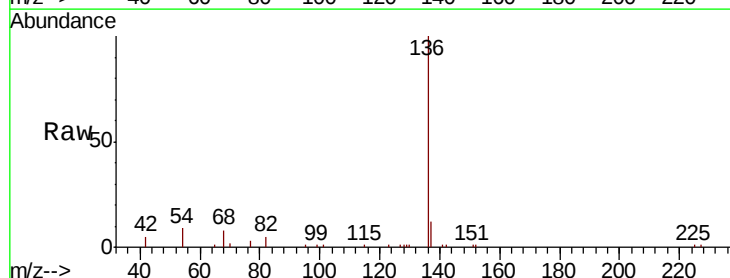
Ion Ratio Lower Upper

136 100

137 11.7 10.6 15.8

54 9.0 9.5 14.3#

68 7.5 9.7 14.5#



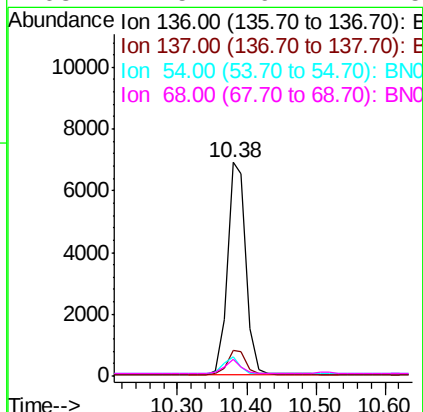
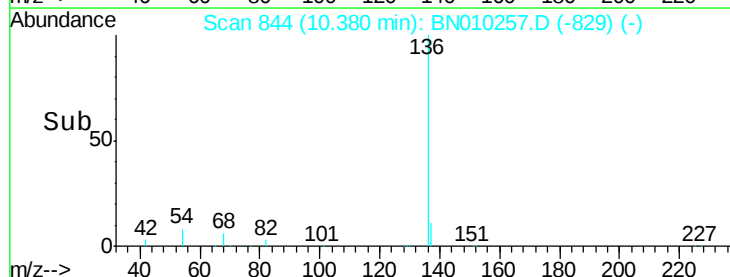
Abundance Ion 136.00 (135.70 to 136.70): BN010208.D (-840) (-)

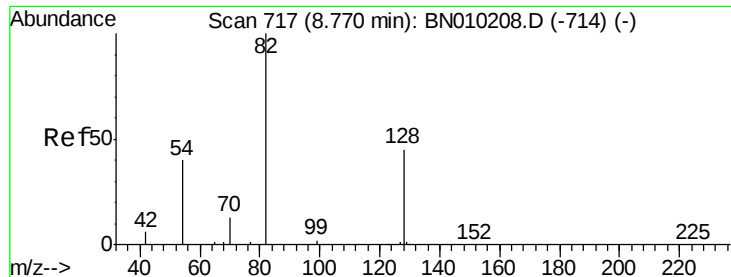
Ion 137.00 (136.70 to 137.70): BN010208.D (-840) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-840) (-)

Ion 68.00 (67.70 to 68.70): BN010208.D (-840) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.588 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

Instrument :

BNA_N

ClientSampleId :

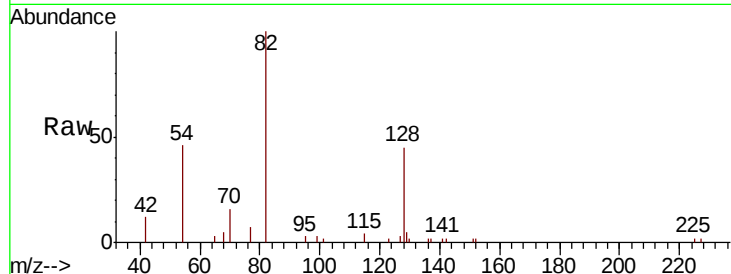
Tot Ion: 82 Resp: 4581

Ion Ratio Lower Upper

82 100

128 45.3 35.0 52.6

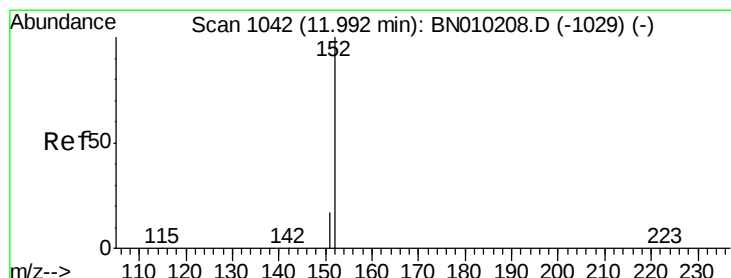
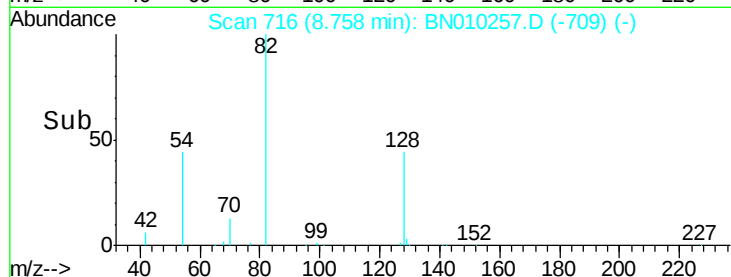
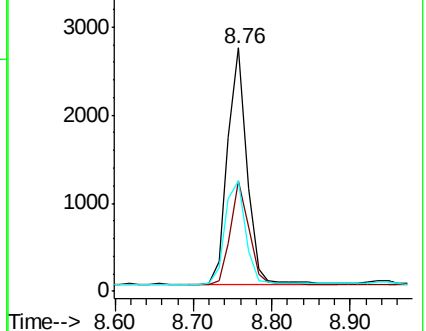
54 45.5 37.0 55.4



Abundance Ion 82.00 (81.70 to 82.70): BN010208.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN010208.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-714) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.294 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BN010257.D

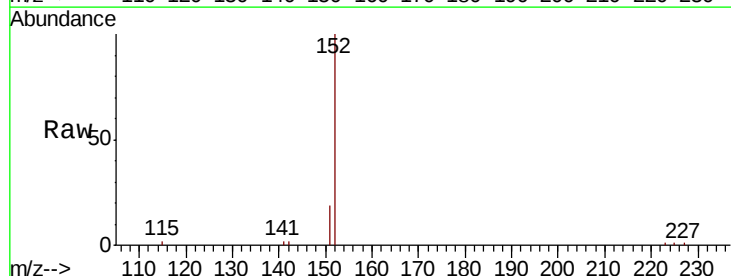
Acq: 18 Mar 2020 09:26

Tgt Ion: 152 Resp: 6309

Ion Ratio Lower Upper

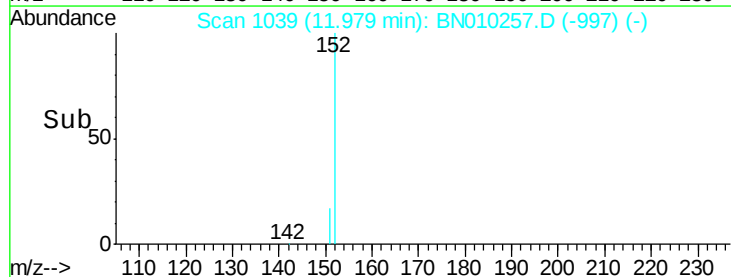
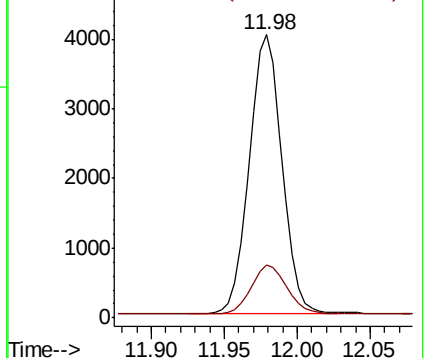
152 100

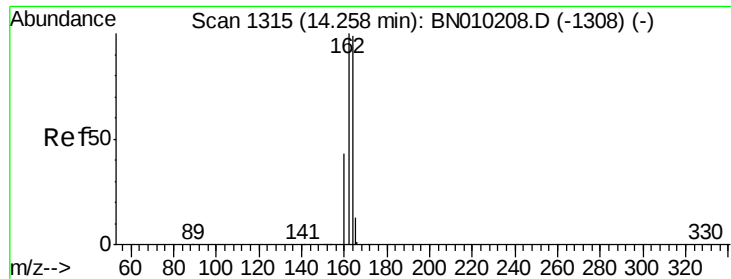
151 19.3 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010208.D (-1029) (-)

Ion 151.00 (150.70 to 151.70): BN010208.D (-1029) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

Instrument :

BNA_N

ClientSampleId :

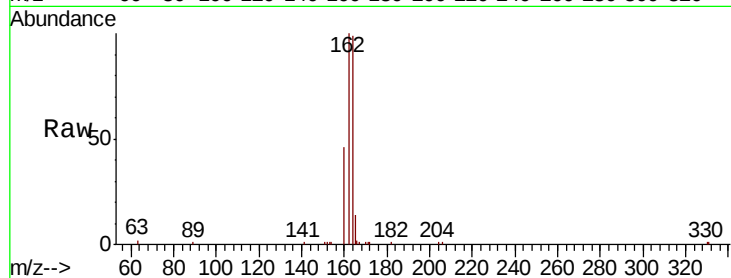
Tot Ion:164 Resp: 7775

Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

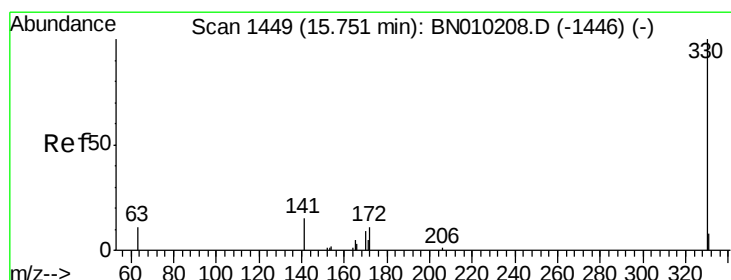
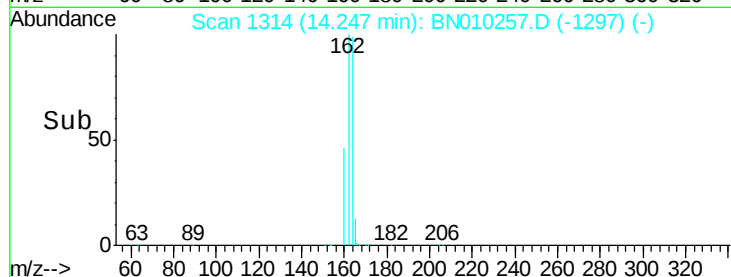
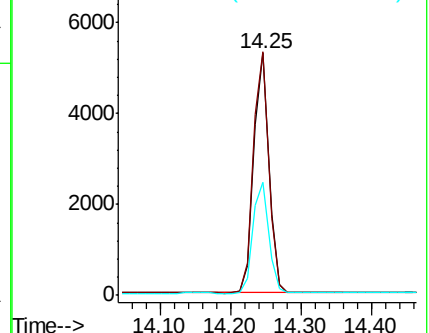
160 46.6 35.6 53.4



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

2,4,6-Tribromophenol

Concen: 0.344 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

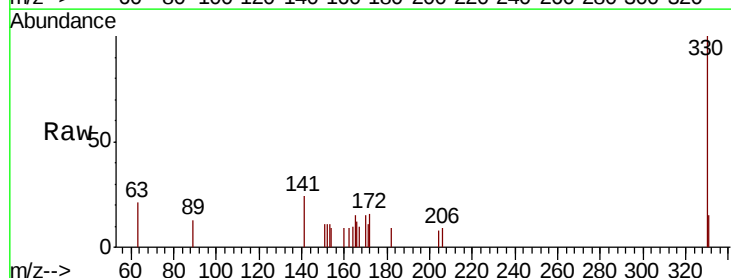
Tgt Ion:330 Resp: 958

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

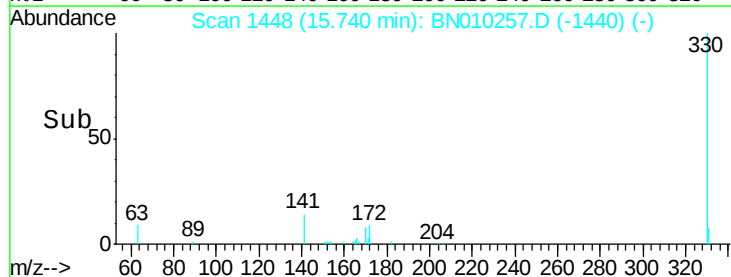
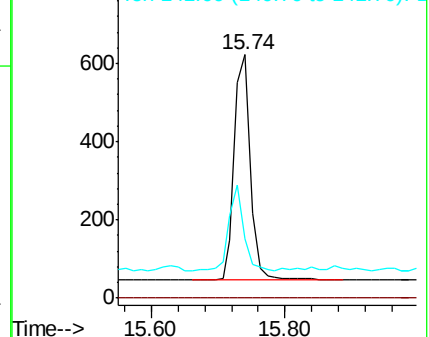
141 35.1 25.1 37.7

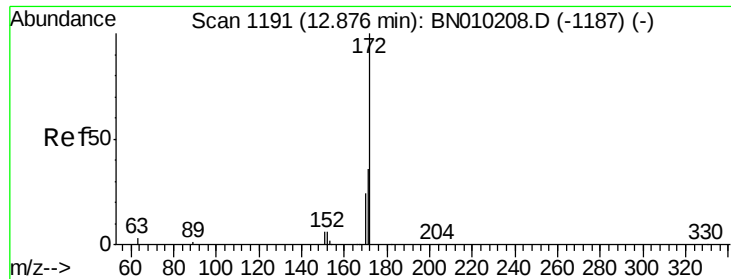


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

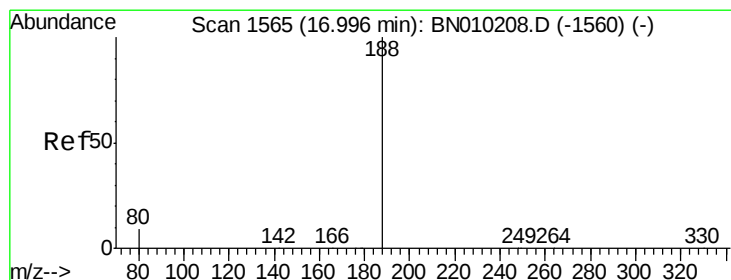
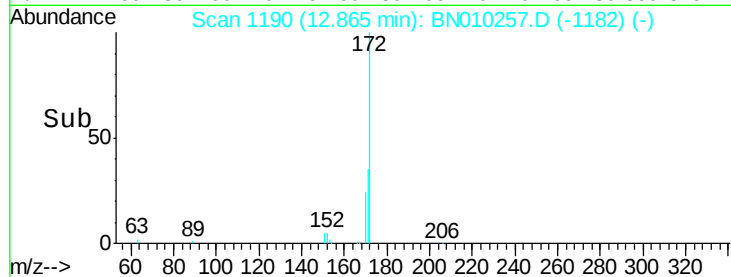
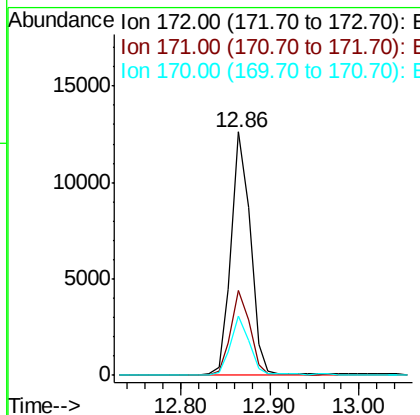
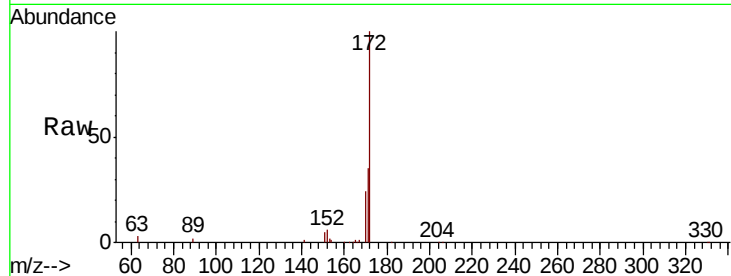




#15
2-Fluorobiphenyl
Concen: 0.676 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010257.D
Acq: 18 Mar 2020 09:26

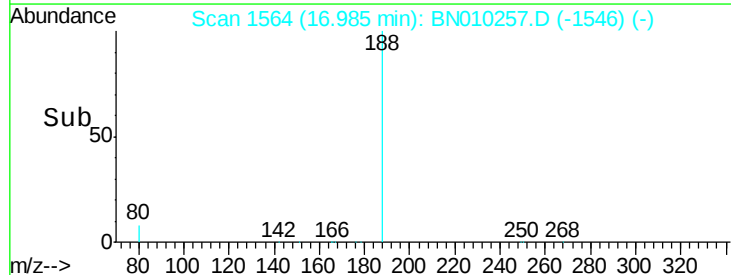
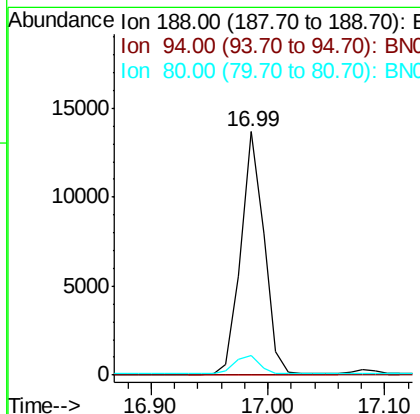
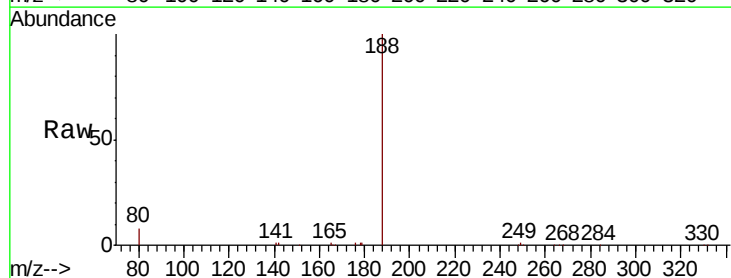
Instrument :
BNA_N
ClientSampleId :

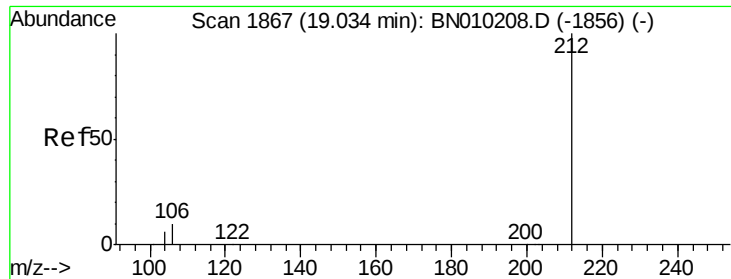
Tot Ion:172 Resp: 18717
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.2
170 24.3 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010257.D
Acq: 18 Mar 2020 09:26

Tgt Ion:188 Resp: 18603
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 8.6 12.8#





#25

Fluoranthene-d10

Concen: 0.339 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

Instrument :

BNA_N

ClientSampleId :

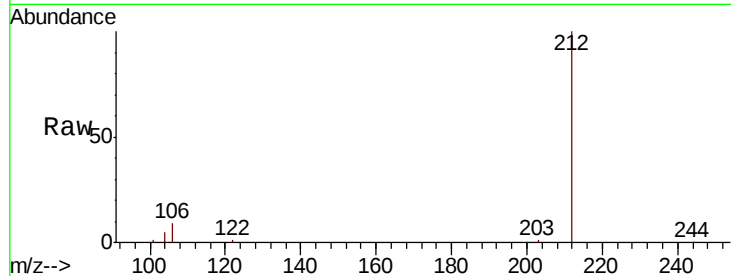
Tot Ion:212 Resp: 19465

Ion Ratio Lower Upper

212 100

106 9.8 8.1 12.1

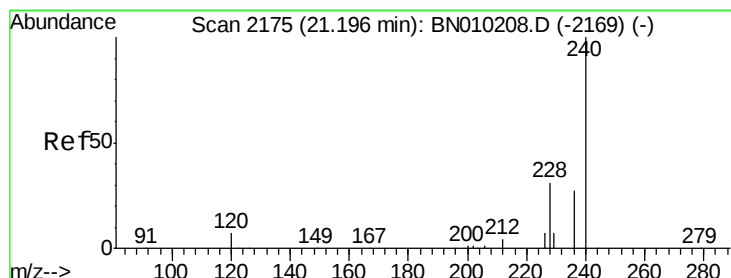
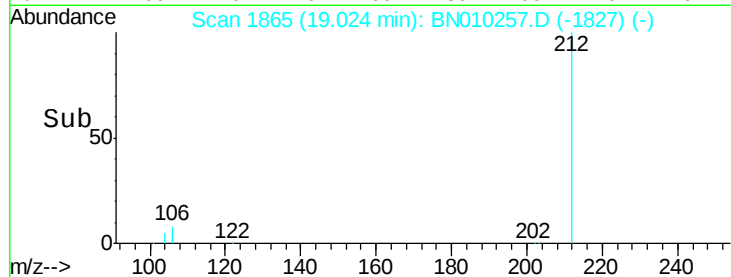
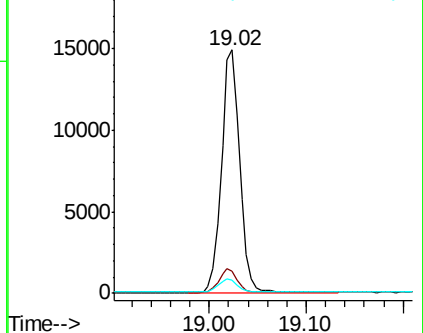
104 5.2 4.7 7.1



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: BN010257.D

Acq: 18 Mar 2020 09:26

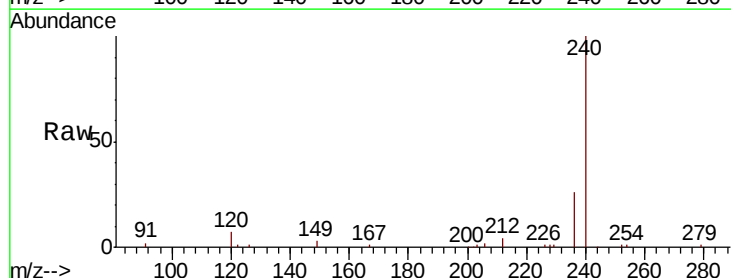
Tgt Ion:240 Resp: 19542

Ion Ratio Lower Upper

240 100

120 6.8 7.7 11.5#

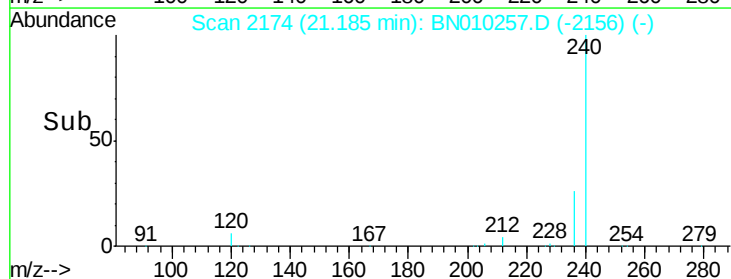
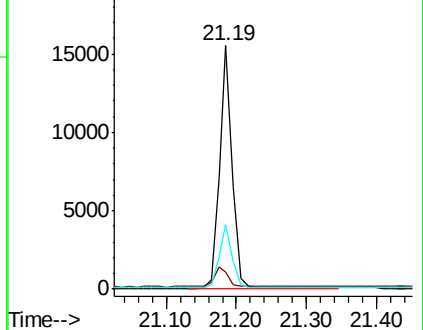
236 26.4 21.8 32.6

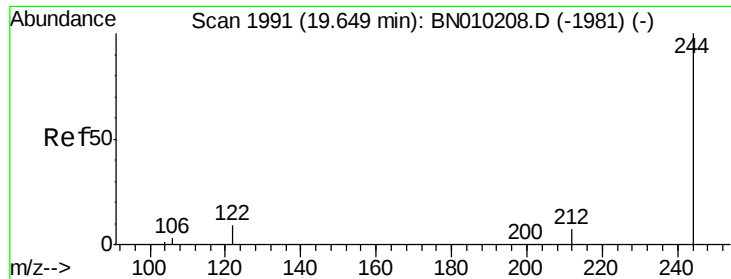


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.631 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

Instrument :

BNA_N

ClientSampleId :

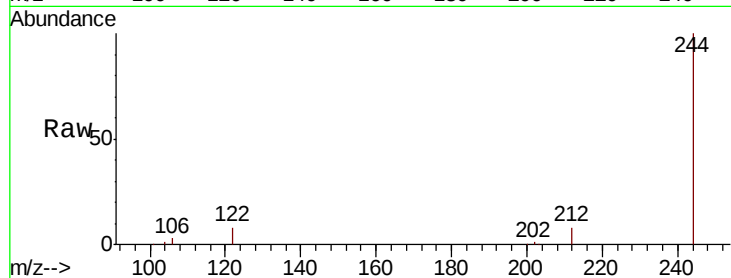
Tot Ion:244 Resp: 28103

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

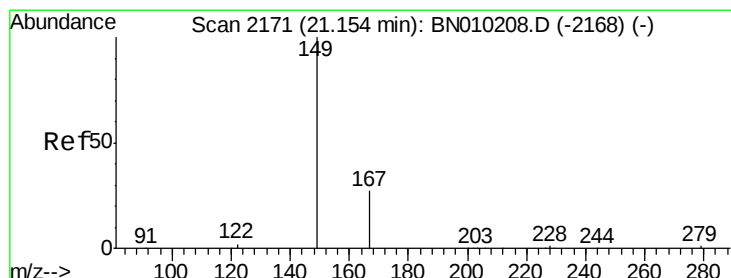
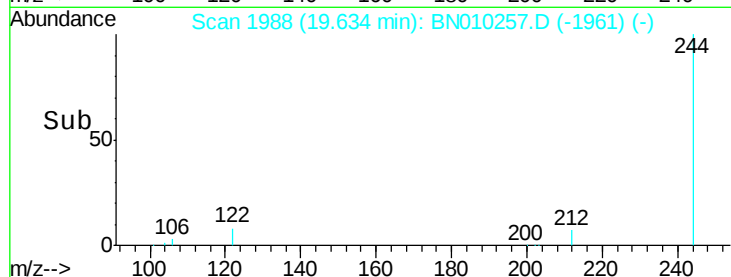
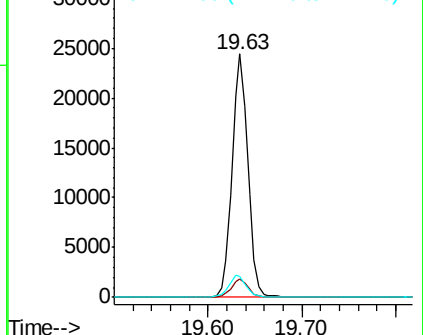
122 8.5 8.1 12.1



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: 0.087 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

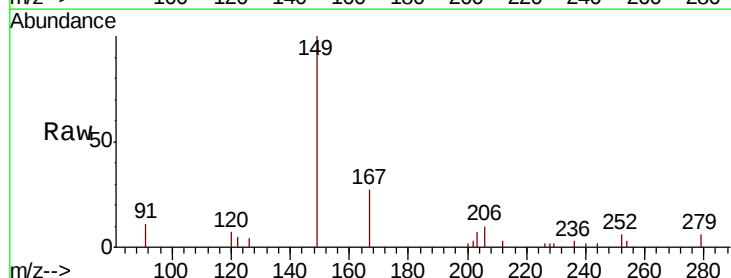
Tgt Ion:149 Resp: 2461

Ion Ratio Lower Upper

149 100

167 28.7 21.0 31.4

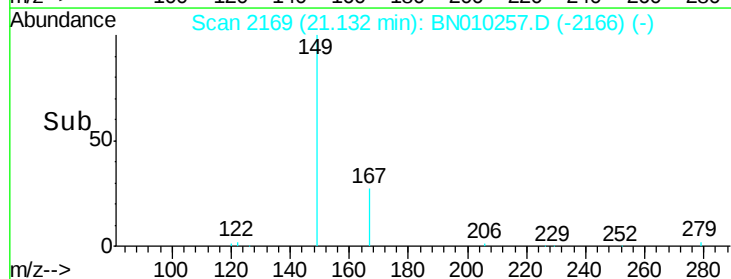
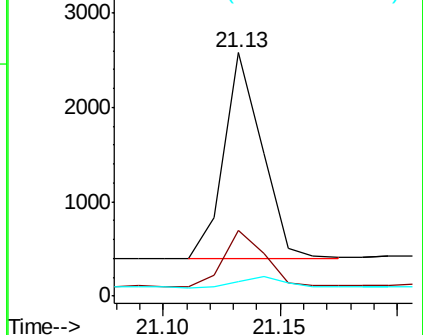
279 6.5 3.1 4.7#

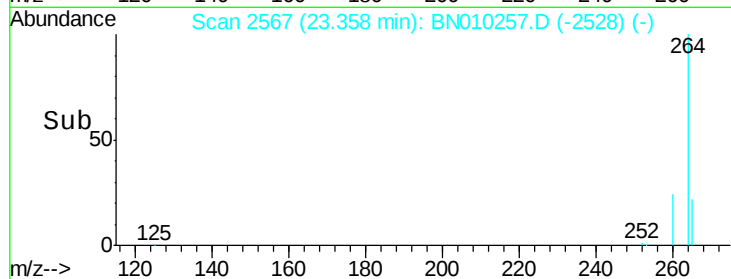
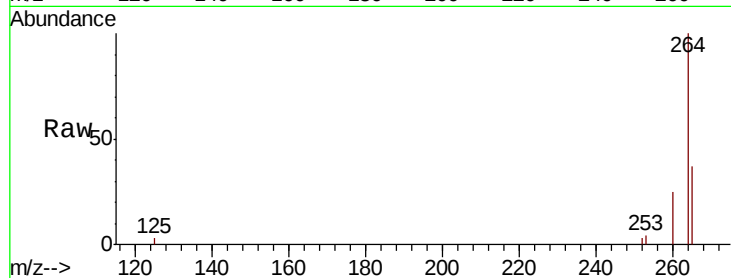
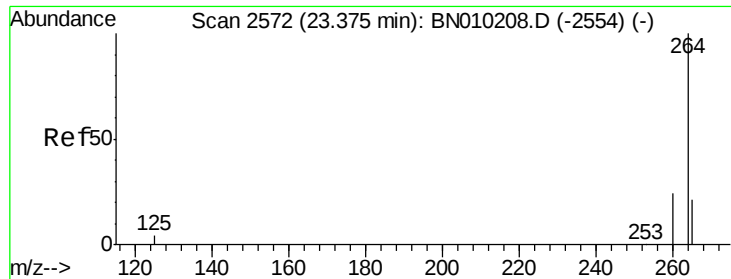


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BN010257.D

Acq: 18 Mar 2020 09:26

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 21404

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 37.5 25.8 38.6

