

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010252.D
 Acq On : 18 Mar 2020 06:23
 Operator : CG/JU
 Sample : L1903-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 18 07:30:46 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

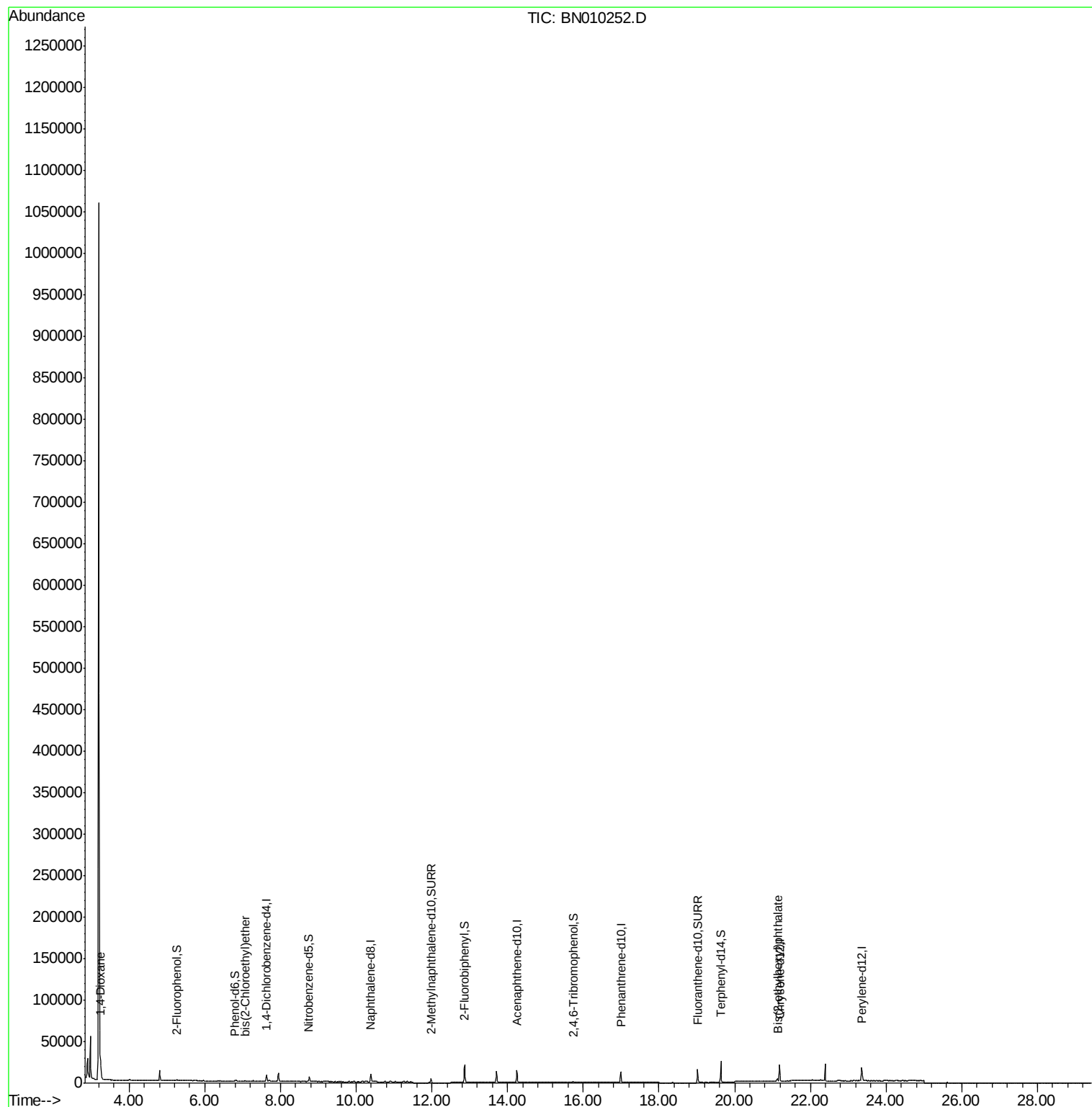
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3690	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13113	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7754	0.40	ng	-0.02
19) Phenanthrene-d10	16.99	188	18574	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18895	0.40	ng	0.00
34) Perylene-d12	23.36	264	20780	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1156	0.13	ng	0.00
5) Phenol-d6	6.81	99	889	0.08	ng	0.00
8) Nitrobenzene-d5	8.76	82	4773	0.61	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6586	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	910	0.33	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	19183	0.69	ng	0.00
25) Fluoranthene-d10	19.02	212	19318	0.34	ng	-0.01
29) Terphenyl-d14	19.64	244	25970	0.60	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.25	88	8369	2.325	ng	Qvalue # 53
6) bis(2-Chloroethyl)ether	7.07	93	286	0.032	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.13	149	3485	0.127	ng	# 94

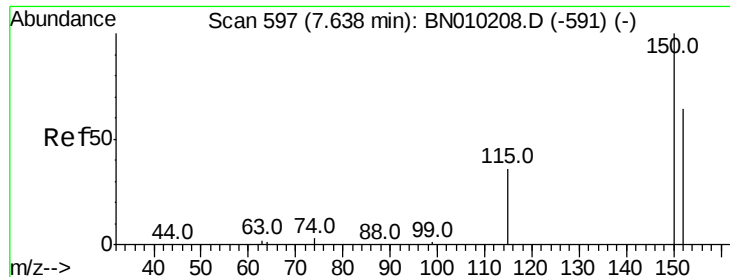
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

Instrument :

BNA_N

ClientSampled :

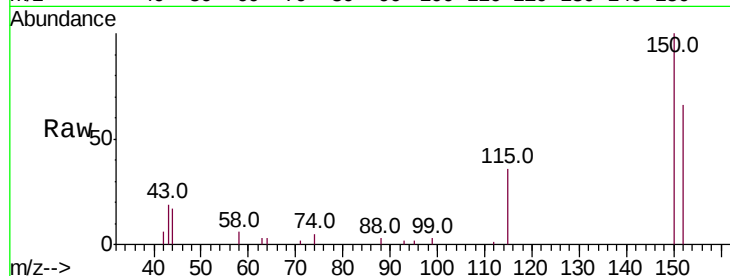
Tot Ion:152 Resp: 3690

Ion Ratio Lower Upper

152 100

150 151.8 119.5 179.3

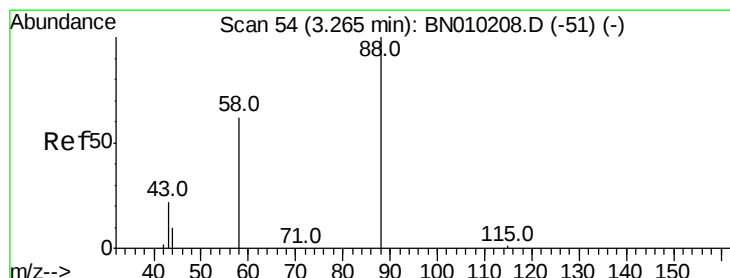
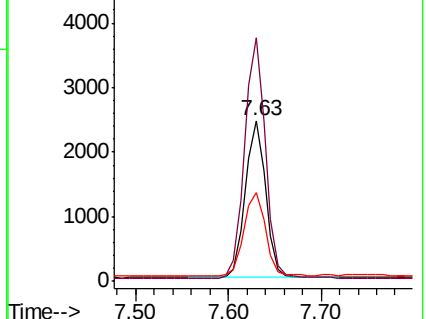
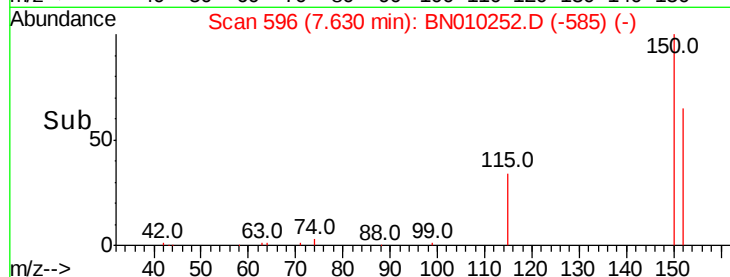
115 55.2 50.9 76.3



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



#2

1,4-Dioxane

Concen: 2.325 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.02 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

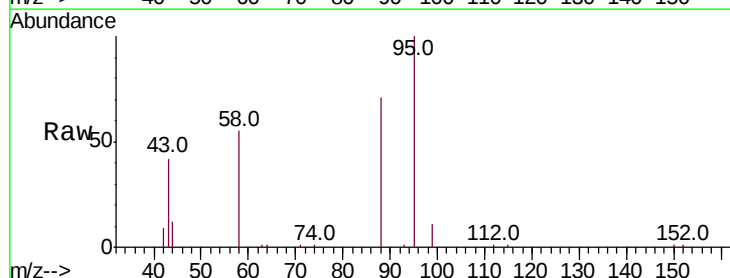
Tgt Ion: 88 Resp: 8369

Ion Ratio Lower Upper

88 100

58 63.5 97.8 146.8#

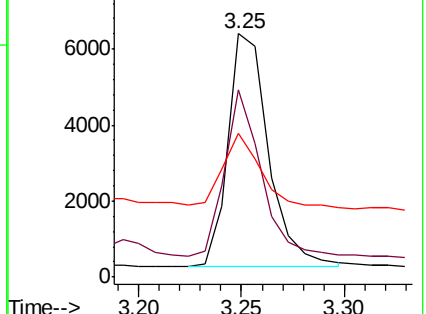
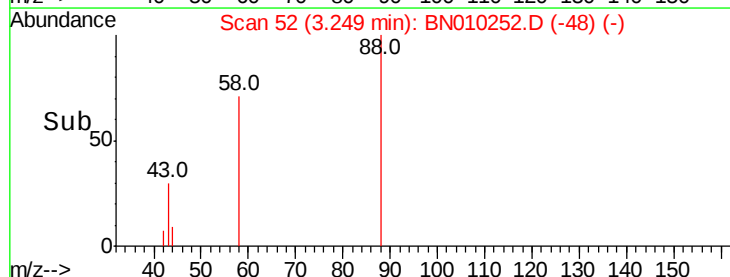
43 29.8 45.1 67.7#

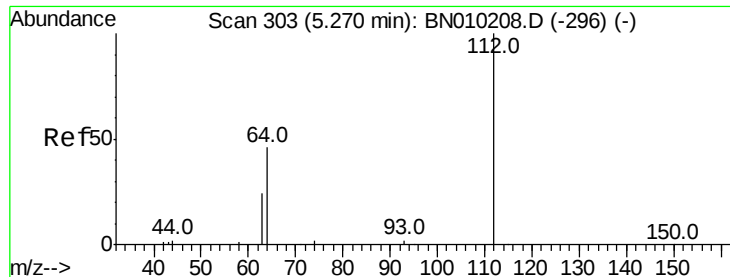


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

Instrument :

BNA_N

ClientSampled :

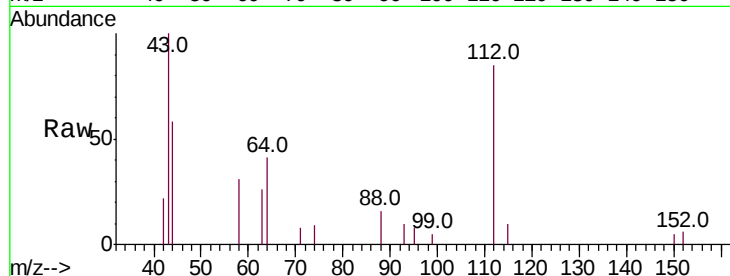
Tot Ion:112 Resp: 1156

Ion Ratio Lower Upper

112 100

64 53.4 42.6 63.8

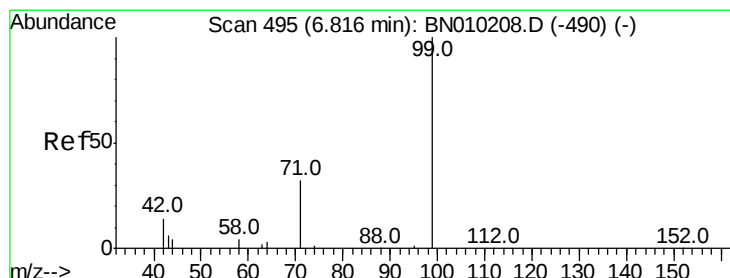
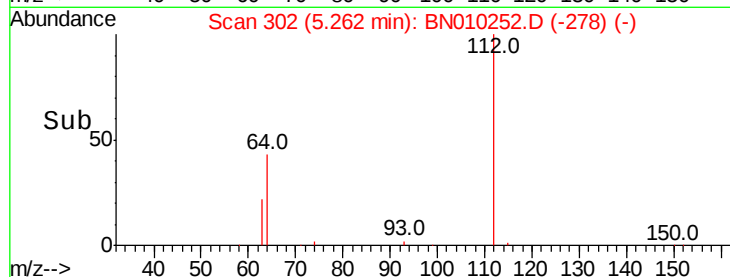
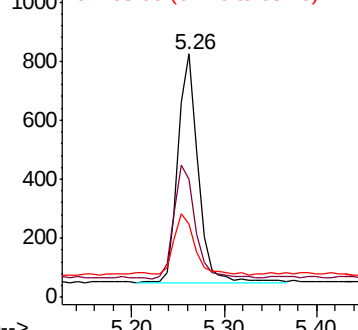
63 27.2 23.6 35.4



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: 0.082 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

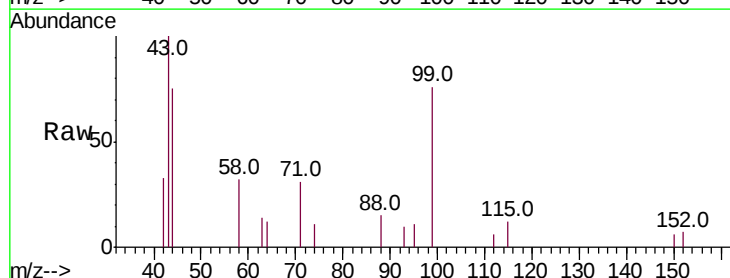
Tgt Ion: 99 Resp: 889

Ion Ratio Lower Upper

99 100

42 27.7 12.0 18.0#

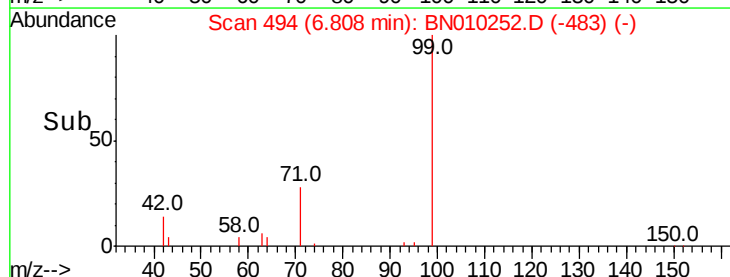
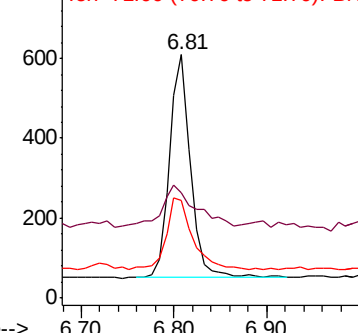
71 39.6 22.6 33.8#

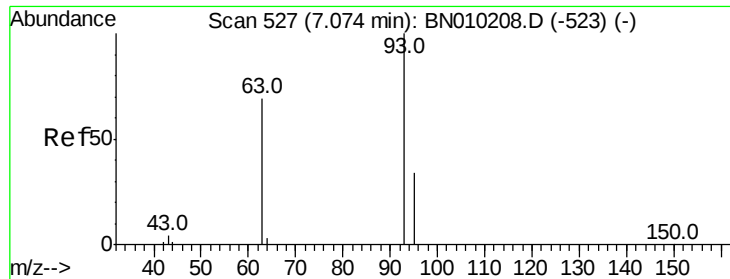


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.032 ng

RT: 7.07 min Scan# 526

Delta R.T. -0.01 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

Instrument :

BNA_N

ClientSampleId :

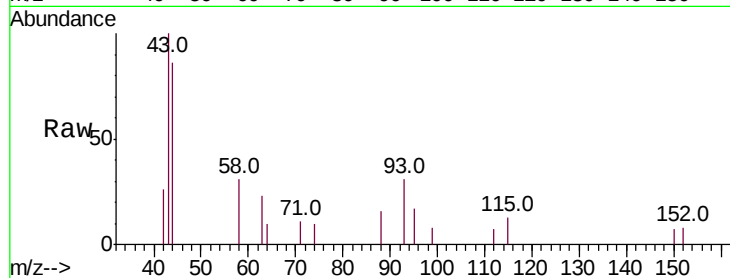
Tot Ion: 93 Resp: 286

Ion Ratio Lower Upper

93 100

63 73.4 53.4 80.0

95 29.4 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) (-)

7.07

200

150

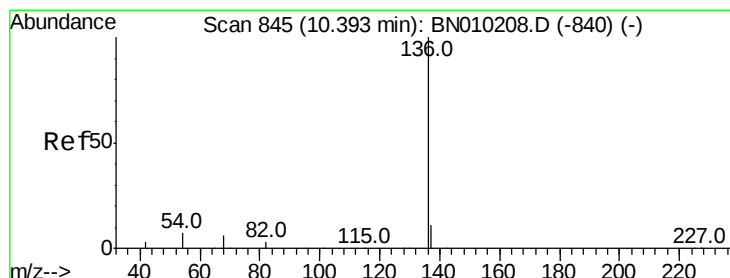
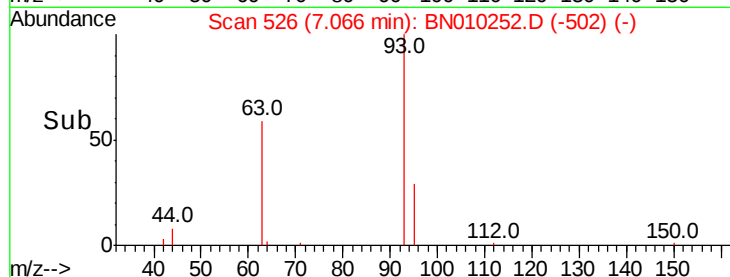
100

50

0

6.95 7.00 7.05 7.10 7.15

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

Tgt Ion: 136 Resp: 13113

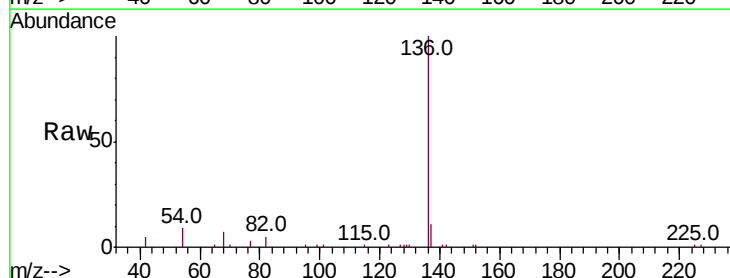
Ion Ratio Lower Upper

136 100

137 11.4 10.6 15.8

54 8.6 9.5 14.3#

68 7.1 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) (-)

10.38

8000

6000

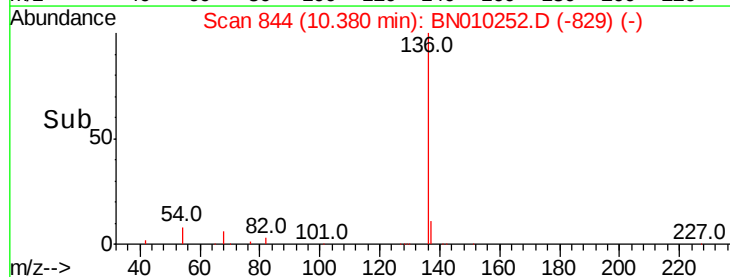
4000

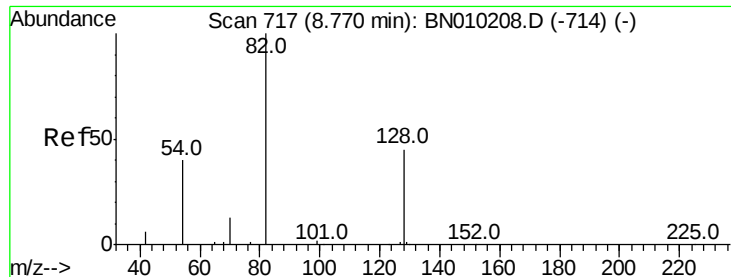
2000

0

10.20 10.30 10.40 10.50

Time-->

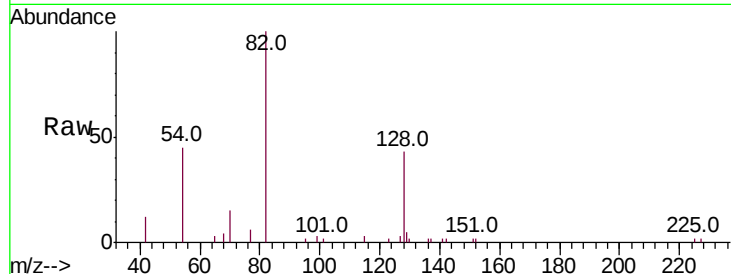




#8
 Nitrobenzene-d5
 Concen: 0.607 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010252.D
 Acq: 18 Mar 2020 06:23

Instrument :
 BNA_N
 ClientSampleId :

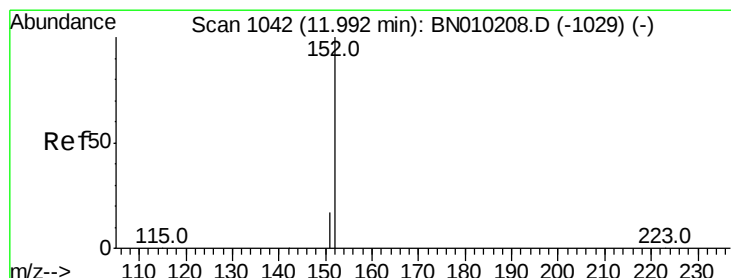
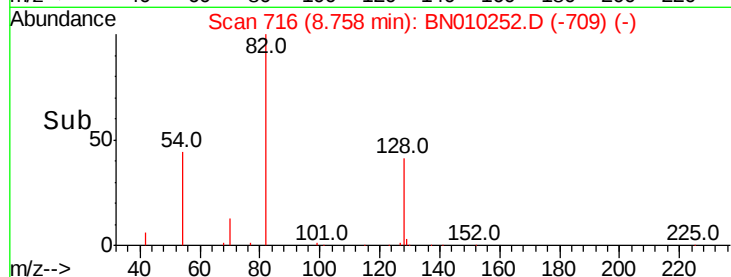
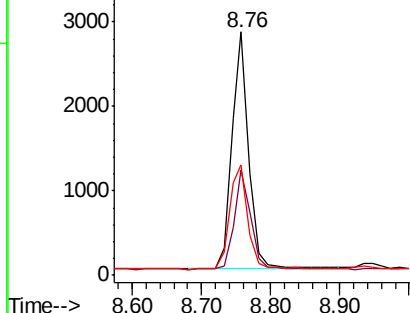
Tot Ion	82	Resp	4773
Ion Ratio	100	Lower	Upper
128	43.1	35.0	52.6
54	45.2	37.0	55.4



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

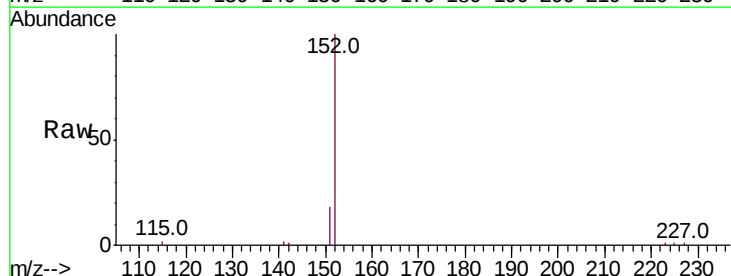
Ion 128.00 (127.70 to 128.70): BN010208.D (-714) (-)

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



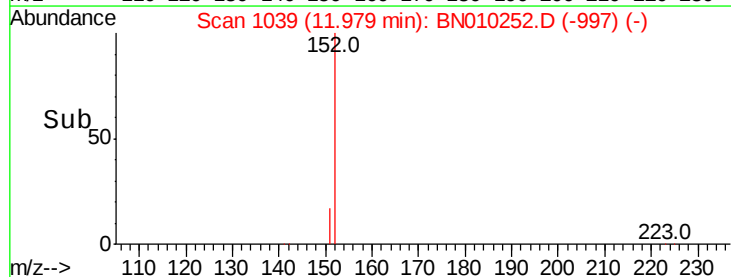
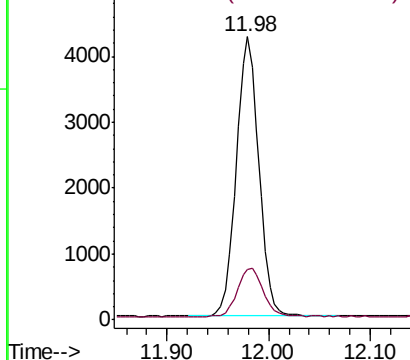
#11
 2-Methylnaphthalene-d10
 Concen: 0.304 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010252.D
 Acq: 18 Mar 2020 06:23

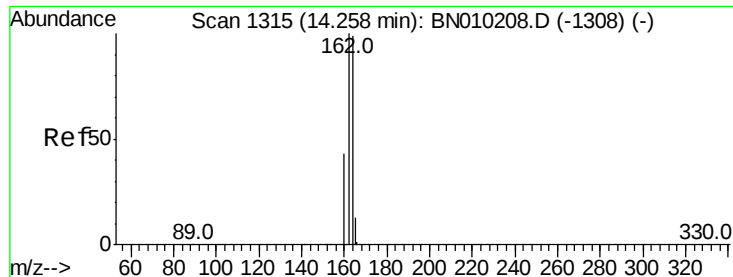
Tgt Ion	152	Resp	6586
Ion Ratio	100	Lower	Upper
151	19.3	15.0	22.6



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: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

Instrument :

BNA_N

ClientSampleId :

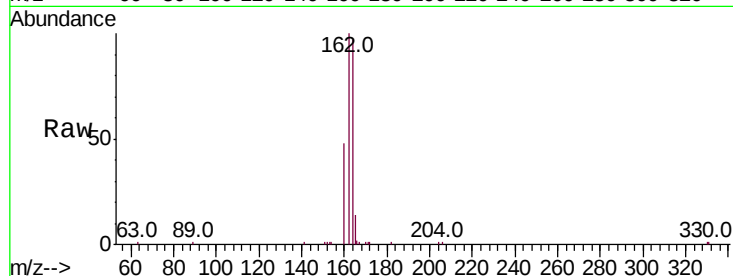
Tot Ion:164 Resp: 7754

Ion Ratio Lower Upper

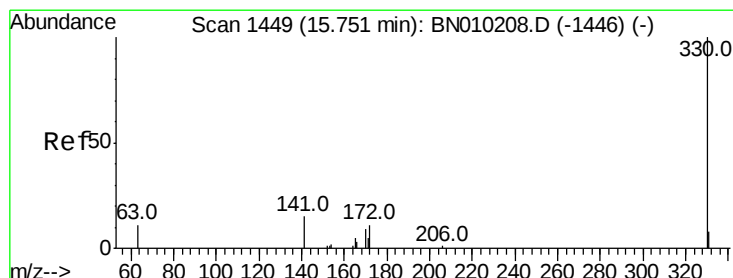
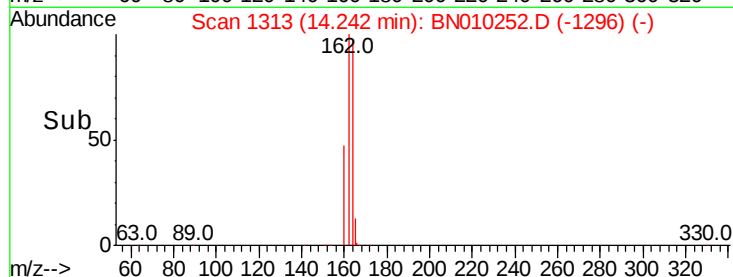
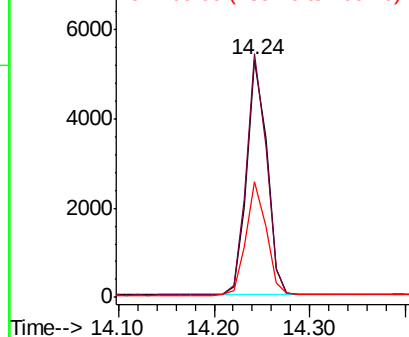
164 100

162 102.6 81.0 121.4

160 48.8 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: 0.328 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

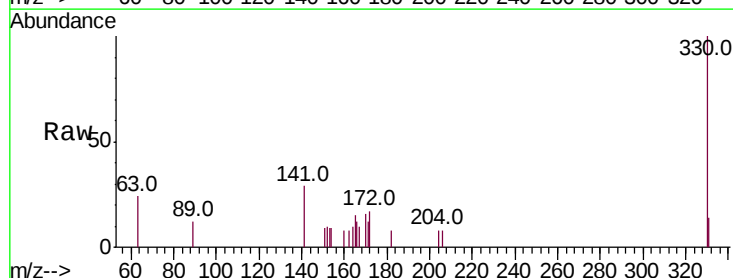
Tgt Ion:330 Resp: 910

Ion Ratio Lower Upper

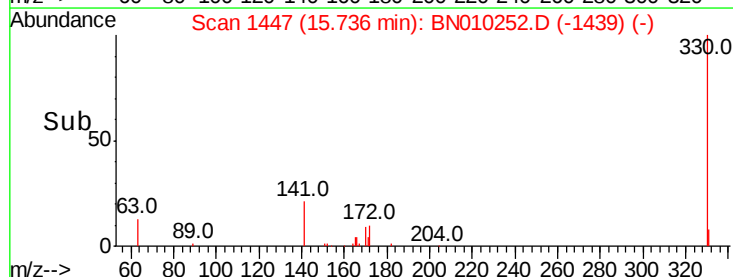
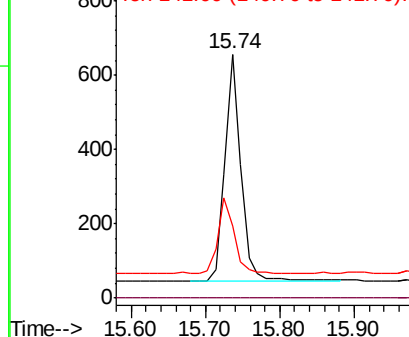
330 100

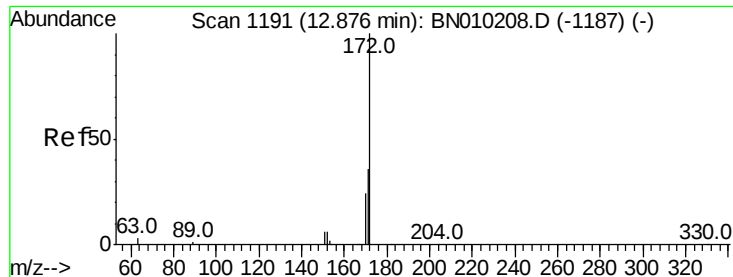
332 0.0 0.0 0.0

141 34.0 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

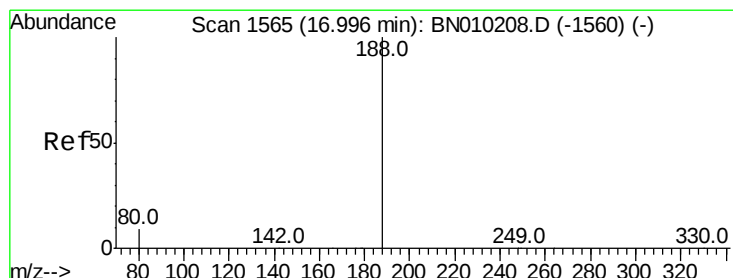
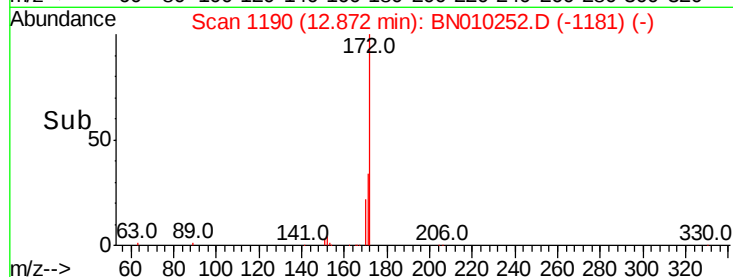
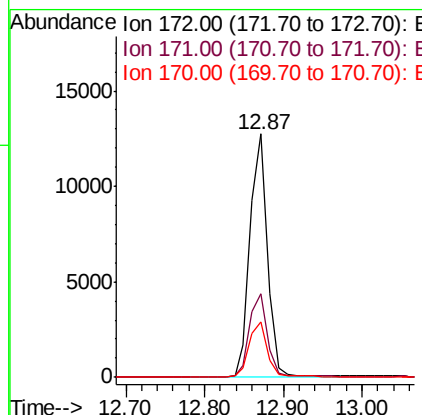
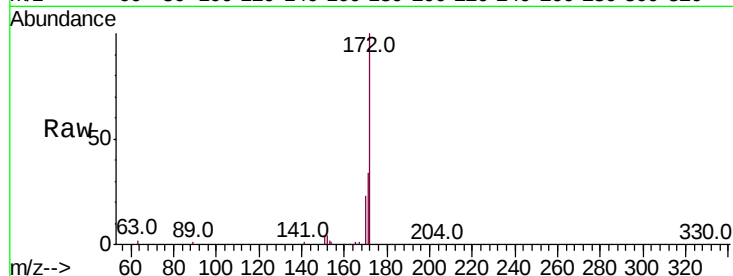




#15
2-Fluorobiphenyl
Concen: 0.695 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010252.D
Acq: 18 Mar 2020 06:23

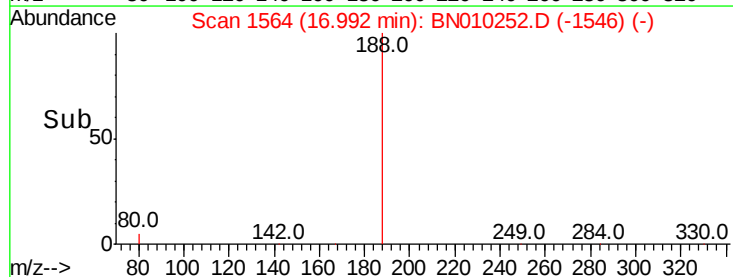
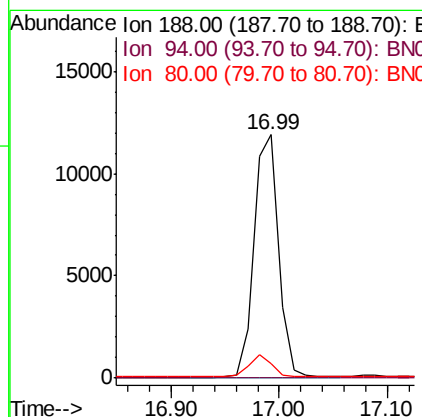
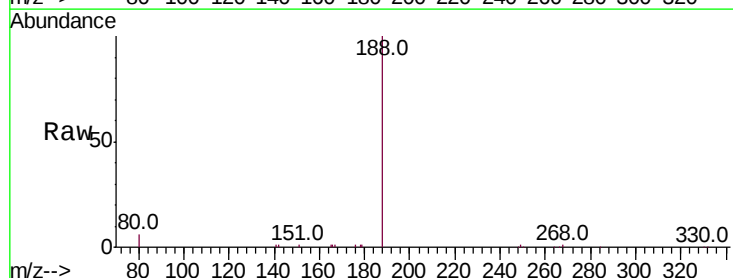
Instrument :
BNA_N
ClientSampleId :

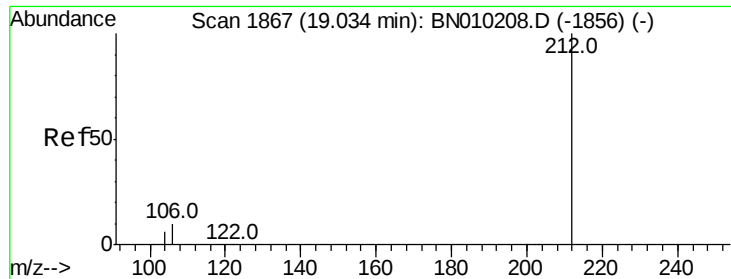
Tot Ion:172 Resp: 19183
Ion Ratio Lower Upper
172 100
171 34.2 29.4 44.2
170 22.6 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010252.D
Acq: 18 Mar 2020 06:23

Tgt Ion:188 Resp: 18574
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.9 8.6 12.8#





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010252.D

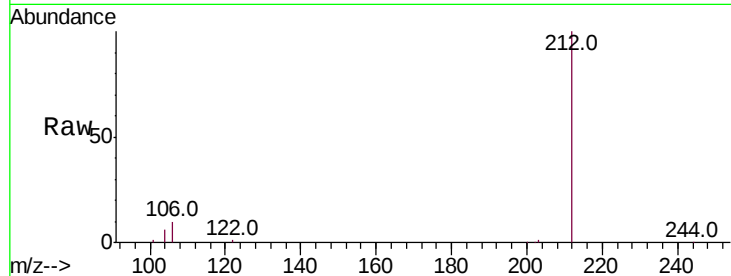
Acq: 18 Mar 2020 06:23

Instrument :

BNA_N

ClientSampleId :

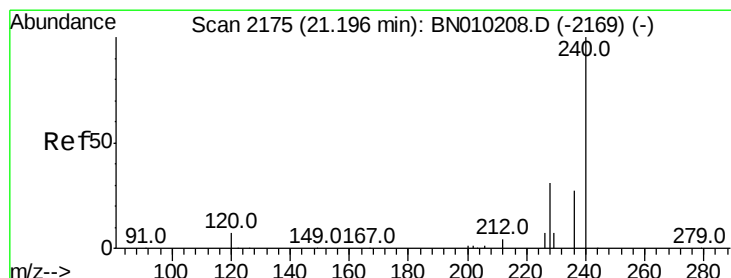
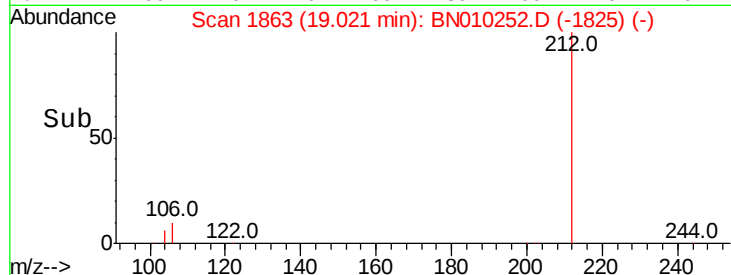
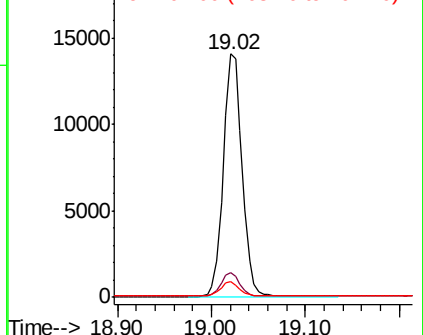
Tot Ion:212	Resp:	19318
Ion Ratio	Lower	Upper
212	100	
106	9.5	8.1 12.1
104	5.5	4.7 7.1



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

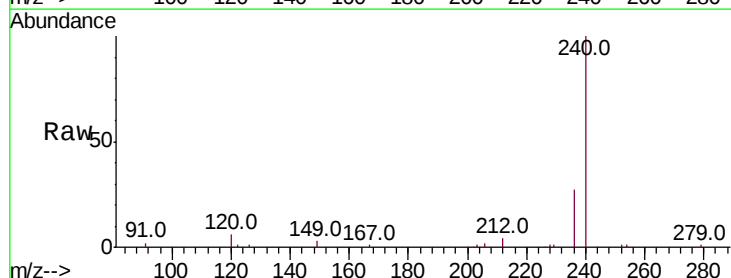
RT: 21.19 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

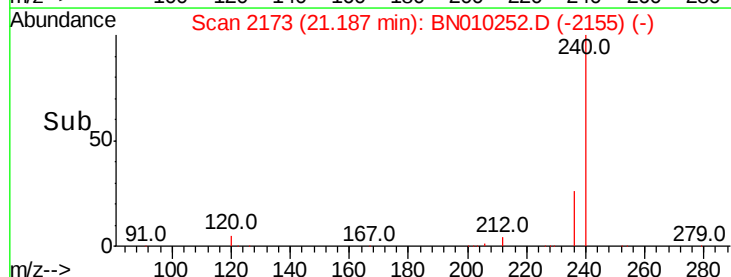
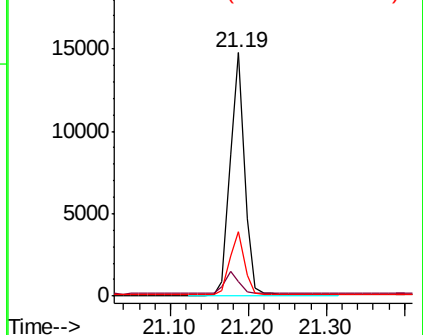
Tgt Ion:240	Resp:	18895
Ion Ratio	Lower	Upper
240	100	
120	6.1	7.7 11.5#
236	26.6	21.8 32.6

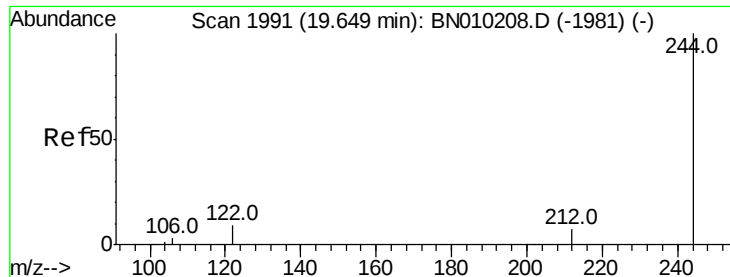


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.603 ng

RT: 19.64 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

Instrument :

BNA_N

ClientSampled :

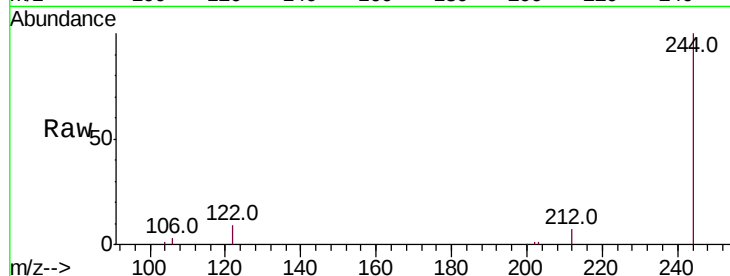
Tot Ion:244 Resp: 25970

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

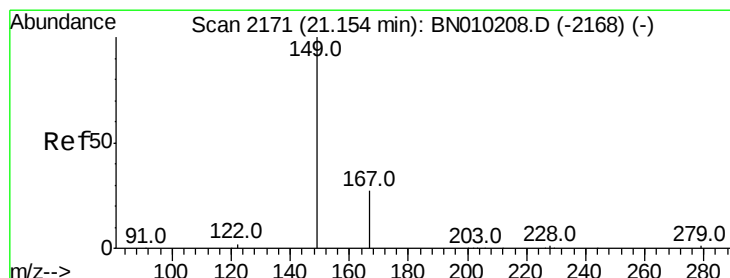
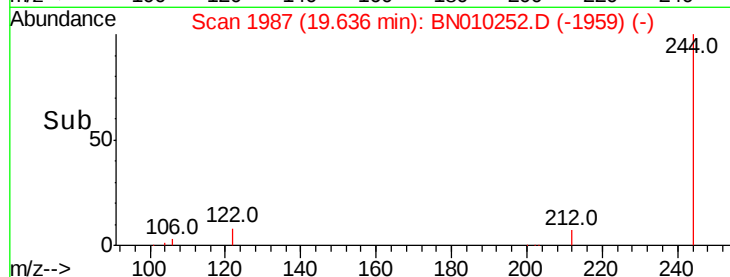
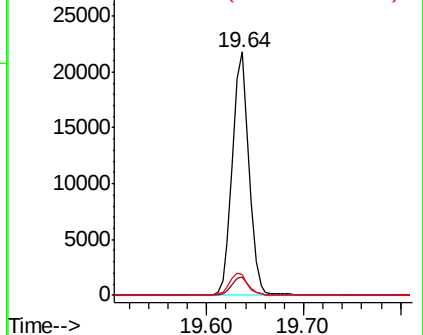
122 8.6 8.1 12.1



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: 0.127 ng

RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BN010252.D

Acq: 18 Mar 2020 06:23

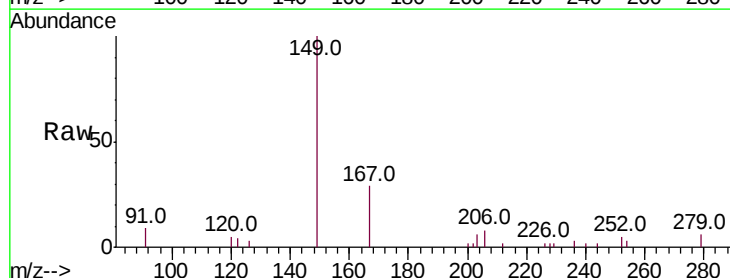
Tgt Ion:149 Resp: 3485

Ion Ratio Lower Upper

149 100

167 29.5 21.0 31.4

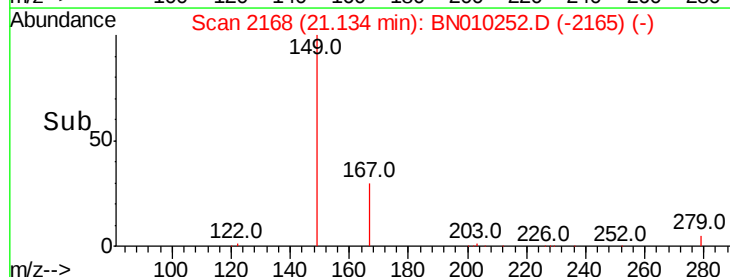
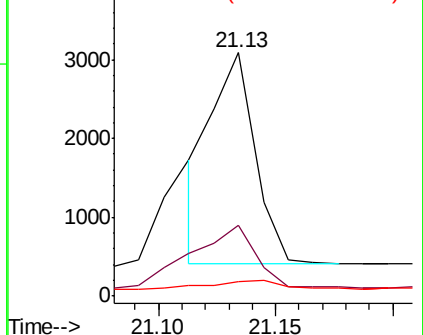
279 4.7 3.1 4.7#

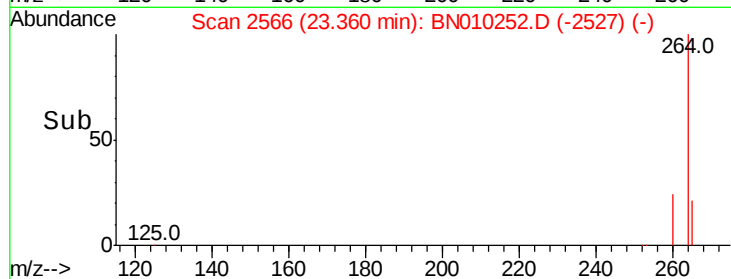
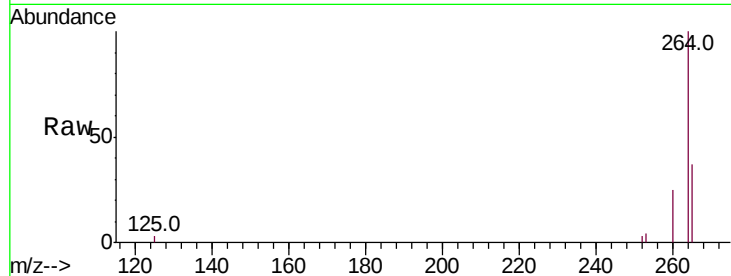
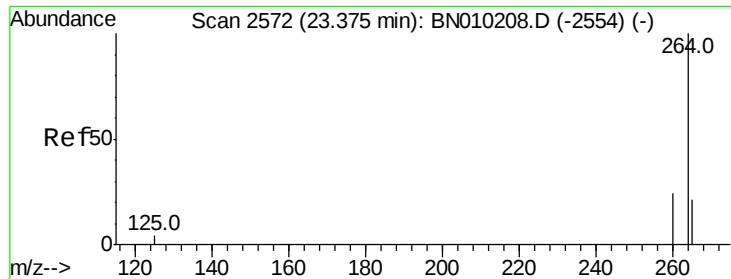


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.36 min Scan# 2566
 Delta R.T. -0.02 min
 Lab File: BN010252.D
 Acq: 18 Mar 2020 06:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:264 Resp: 20780
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 37.0 25.8 38.6

