

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010269.D
 Acq On : 18 Mar 2020 18:32
 Operator : CG/JU
 Sample : L1903-17DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200310DL

Quant Time: Mar 19 01:13:35 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

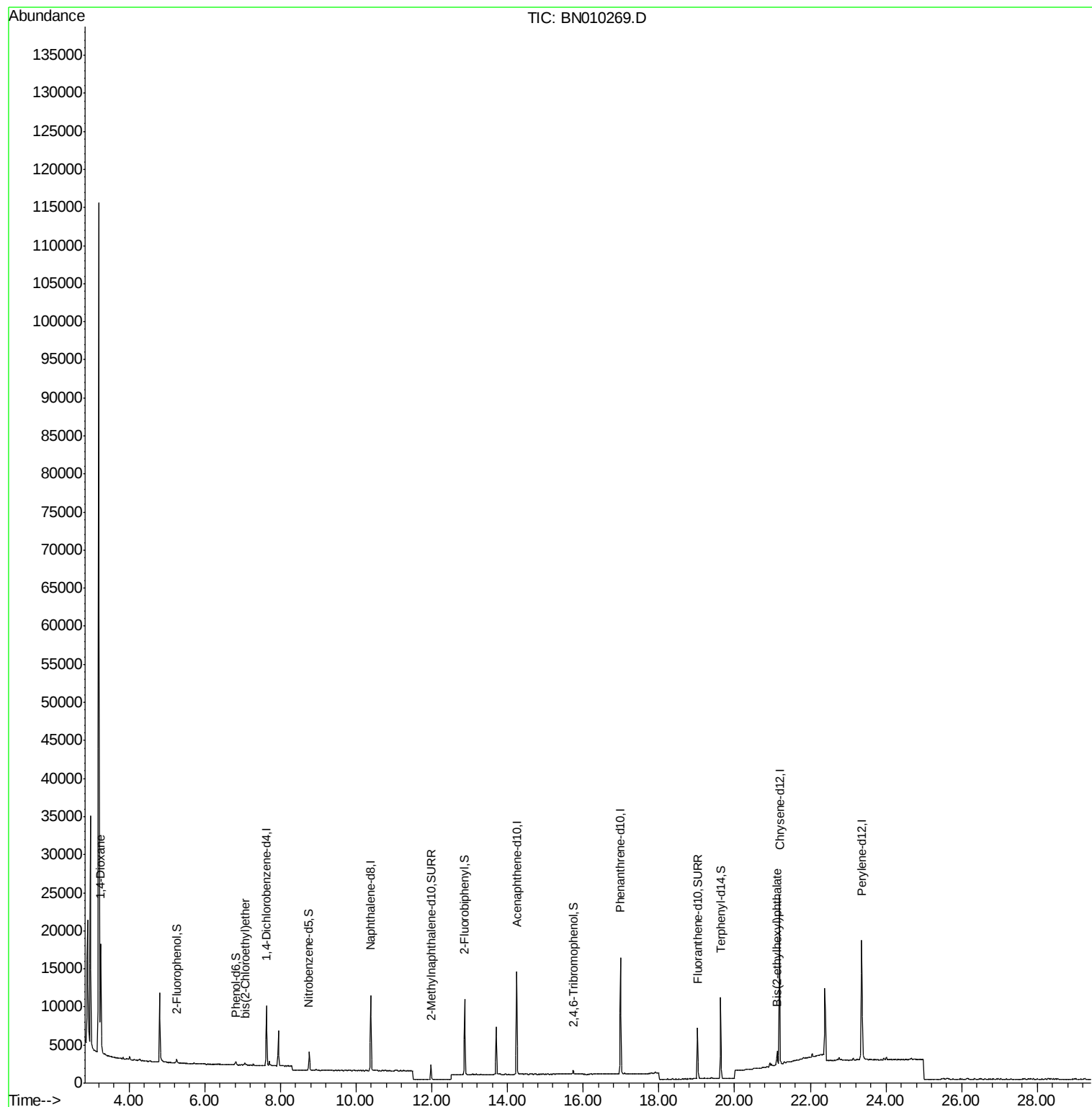
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3868	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13441	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	8152	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19764	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	20204	0.40	ng	-0.01
34) Perylene-d12	23.36	264	21031	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	444	0.05	ng	0.00
5) Phenol-d6	6.81	99	354	0.03	ng	0.00
8) Nitrobenzene-d5	8.76	82	2049	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	2773	0.12	ng	-0.02
14) 2,4,6-Tribromophenol	15.74	330	401	0.14	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	8269	0.28	ng	-0.01
25) Fluoranthene-d10	19.02	212	8014	0.13	ng	-0.01
29) Terphenyl-d14	19.63	244	10992	0.24	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.26	88	9183	2.433	ng	# 53
6) bis(2-Chloroethyl)ether	7.07	93	292	0.031	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.13	149	1729	0.059	ng	# 92

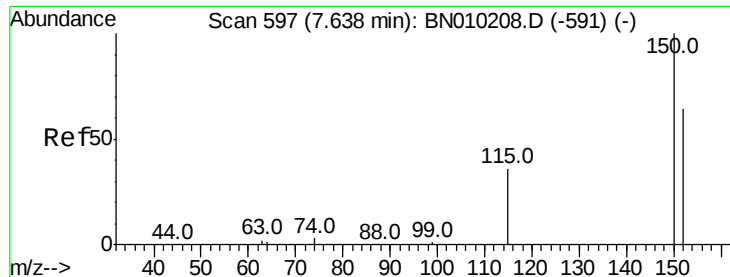
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010269.D
Acq On : 18 Mar 2020 18:32
Operator : CG/JU
Sample : L1903-17DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D1-20200310DL

Quant Time: Mar 19 01:13:35 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310DL

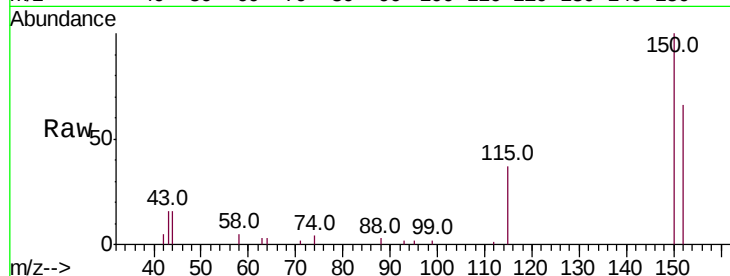
Tot Ion:152 Resp: 3868

Ion Ratio Lower Upper

152 100

150 151.5 119.5 179.3

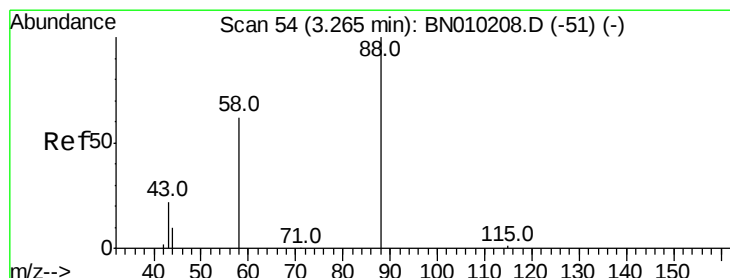
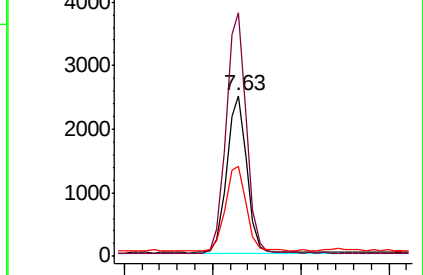
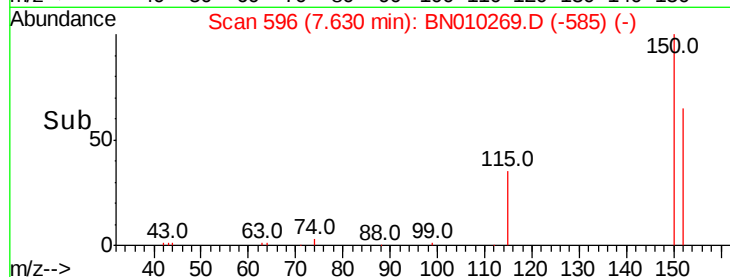
115 55.8 50.9 76.3



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: 2.433 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

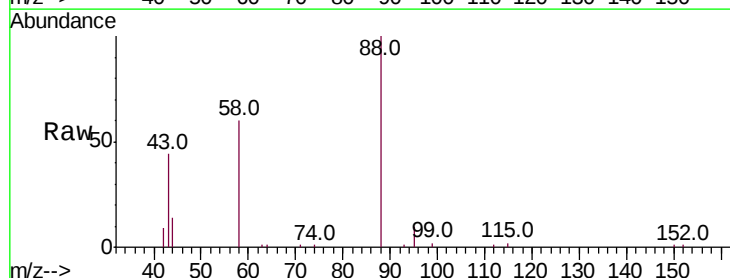
Tgt Ion: 88 Resp: 9183

Ion Ratio Lower Upper

88 100

58 64.4 97.8 146.8#

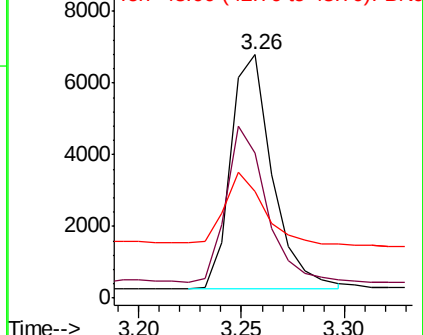
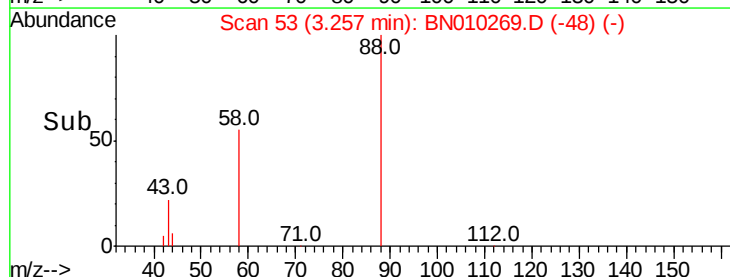
43 28.4 45.1 67.7#

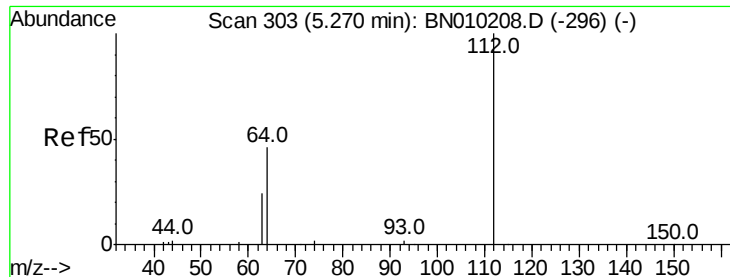


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.049 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310DL

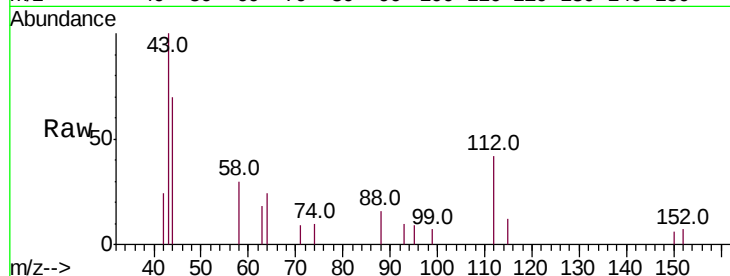
Tot Ion:112 Resp: 444

Ion Ratio Lower Upper

112 100

64 58.3 42.6 63.8

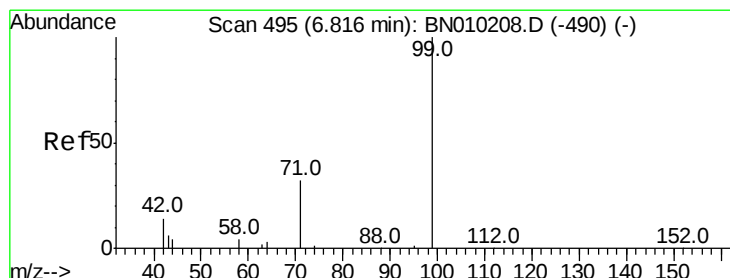
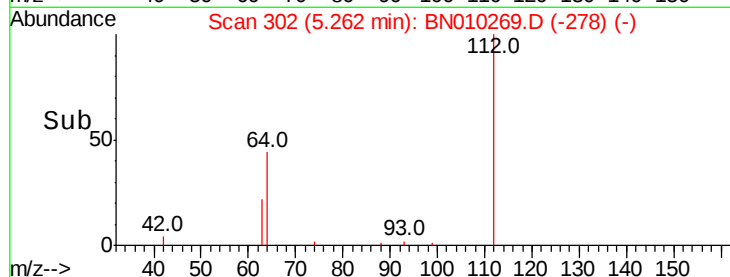
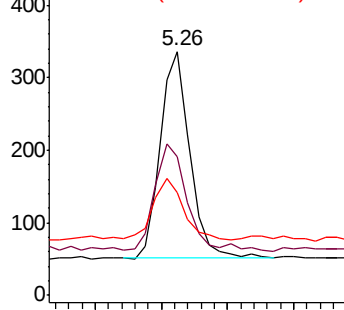
63 31.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.031 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

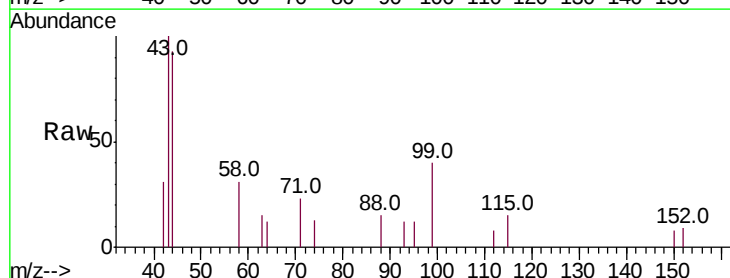
Tgt Ion: 99 Resp: 354

Ion Ratio Lower Upper

99 100

42 26.0 12.0 18.0#

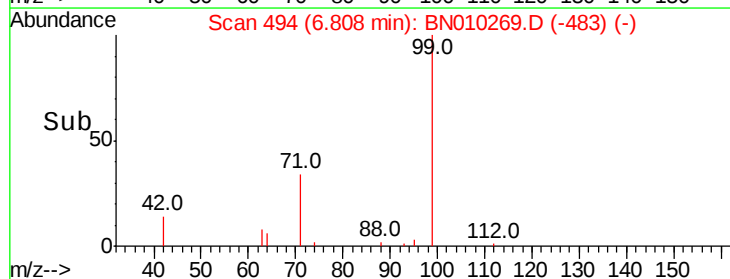
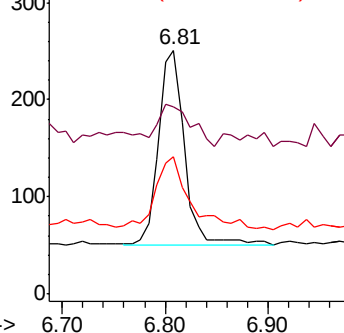
71 50.6 22.6 33.8#

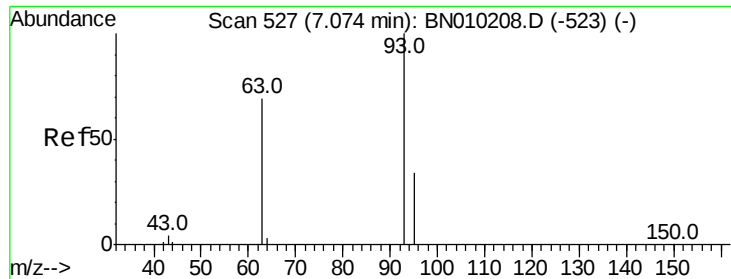


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#6

bis(2-Chloroethyl)ether

Concen: 0.031 ng

RT: 7.07 min Scan# 526

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310DL

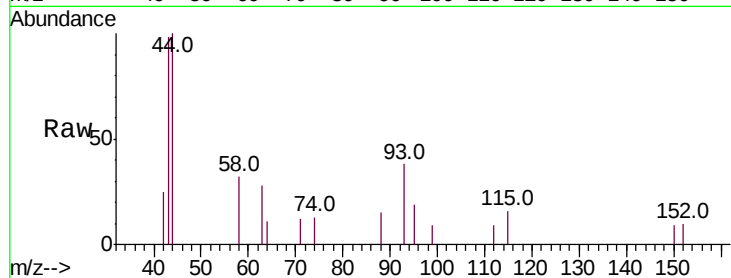
Tot Ion: 93 Resp: 292

Ion Ratio Lower Upper

93 100

63 66.4 53.4 80.0

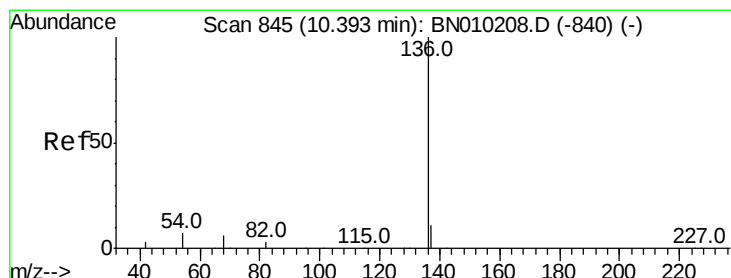
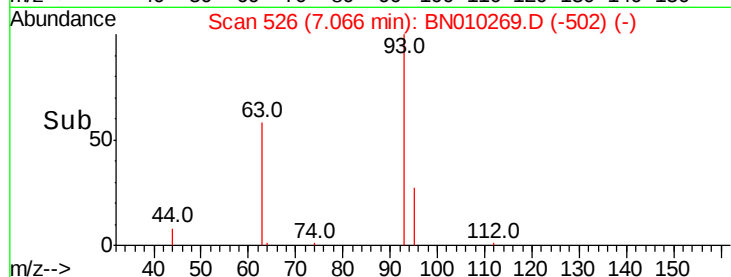
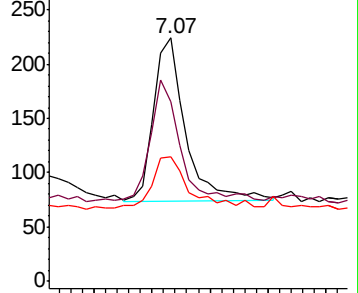
95 39.7 28.6 42.8



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Tgt Ion: 136 Resp: 13441

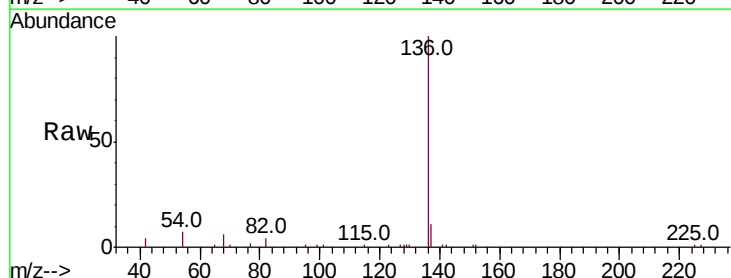
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 7.3 9.5 14.3#

68 5.9 9.7 14.5#

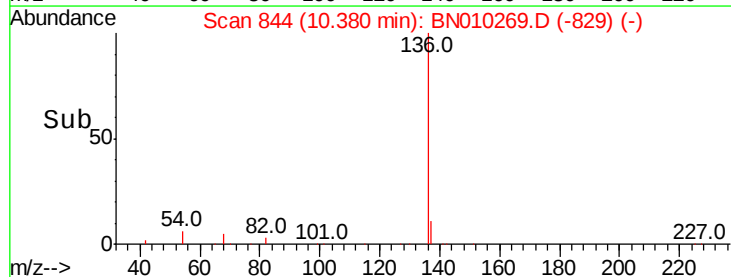
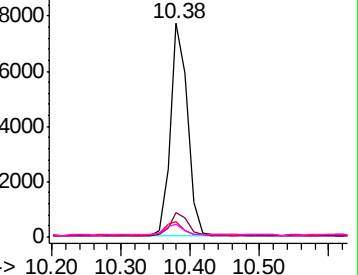


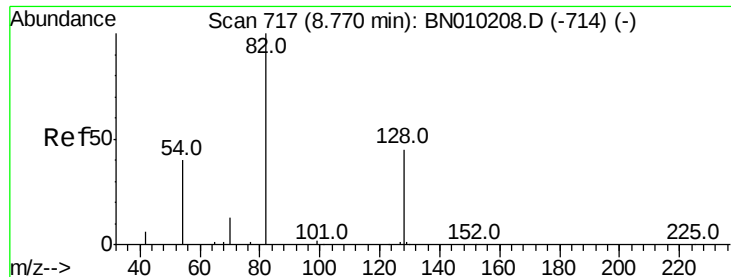
Abundance Ion 136.00 (135.70 to 136.70): BN010208.D (-840) (-)

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) (-)

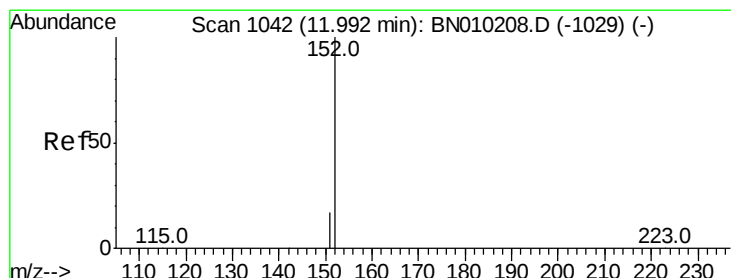
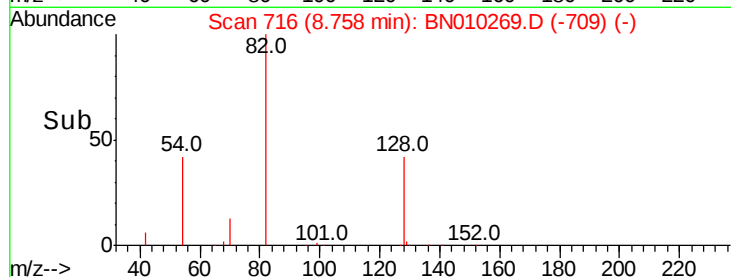
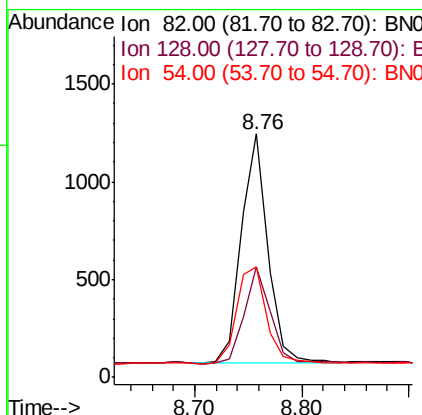
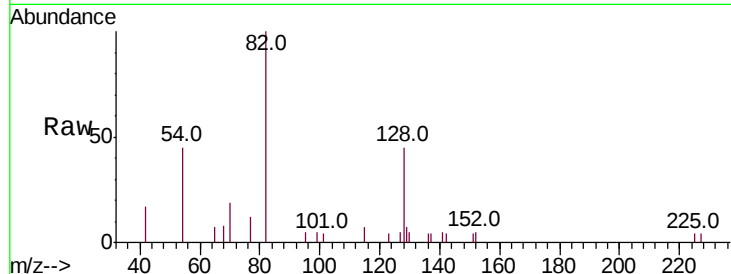




#8
 Nitrobenzene-d5
 Concen: 0.254 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010269.D
 Acq: 18 Mar 2020 18:32

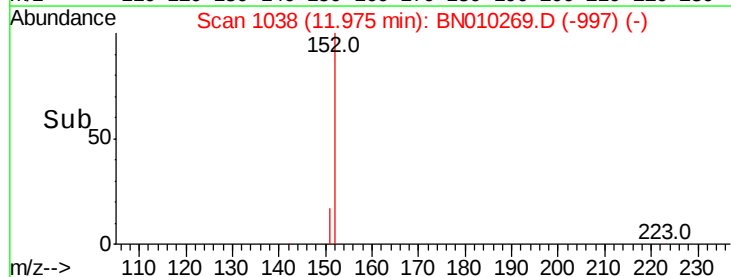
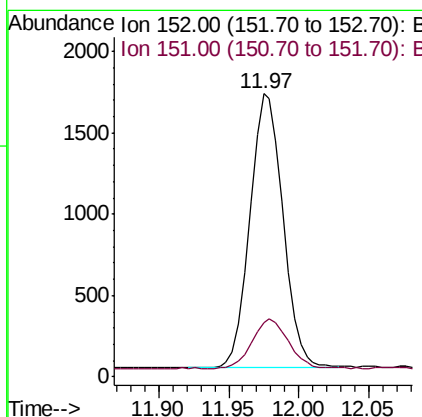
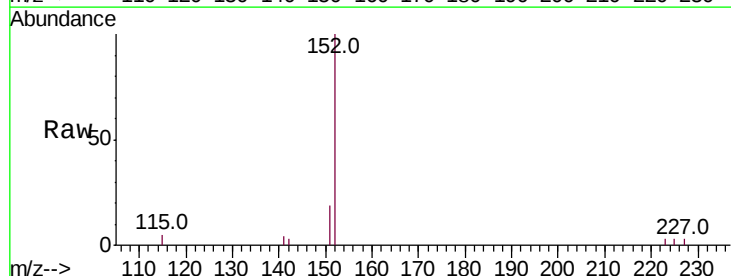
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200310DL

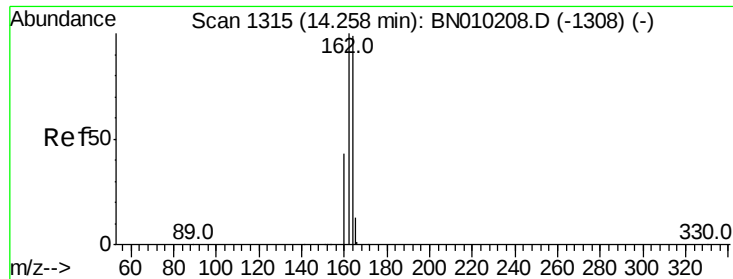
Tot Ion	82	Resp	2049
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.0	52.6
54	45.5	37.0	55.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.125 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BN010269.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	152	Resp	2773
Ion Ratio	Lower	Upper	
152	100		
151	19.6	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: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310DL

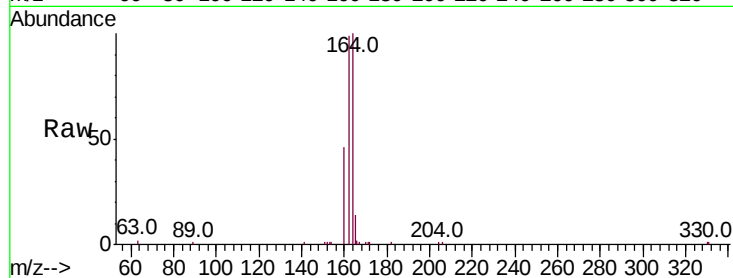
Tot Ion:164 Resp: 8152

Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.4

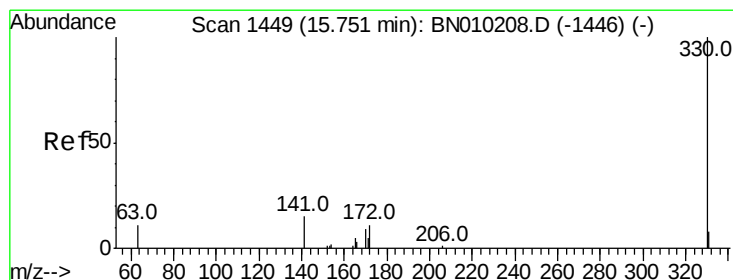
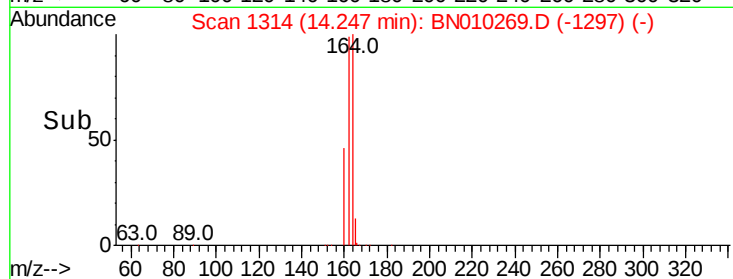
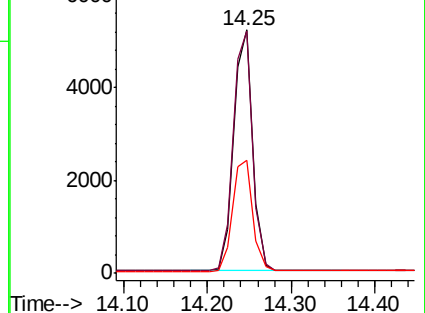
160 46.3 35.6 53.4



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: 0.137 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

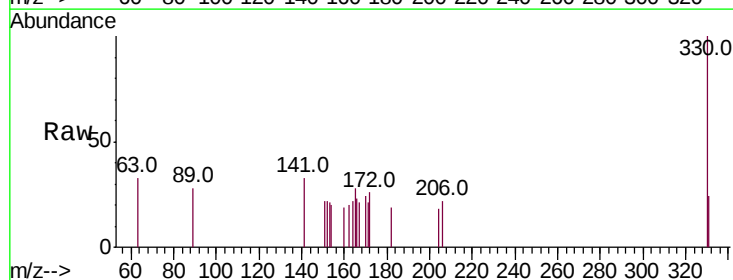
Tgt Ion:330 Resp: 401

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

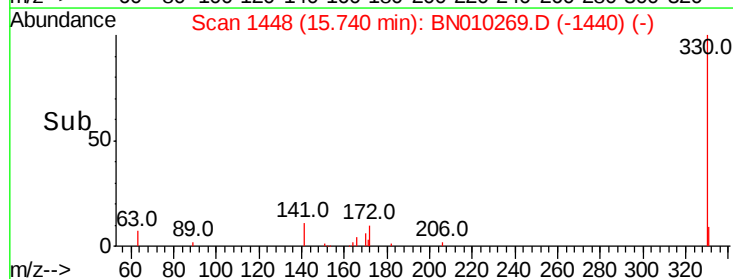
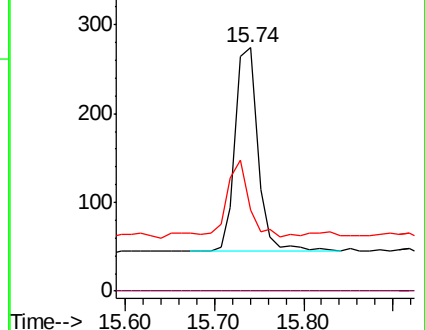
141 33.4 25.1 37.7

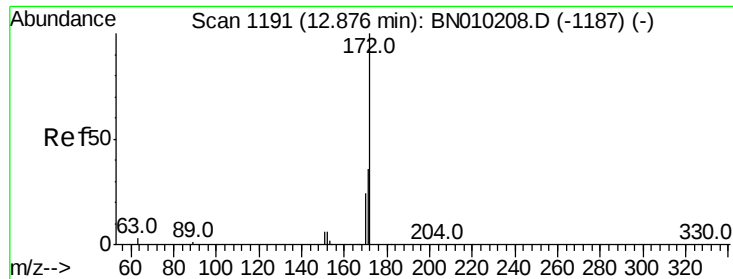


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



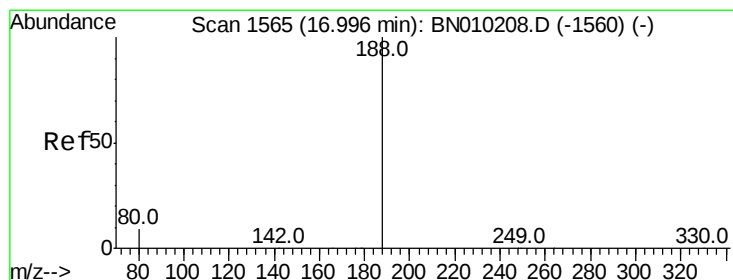
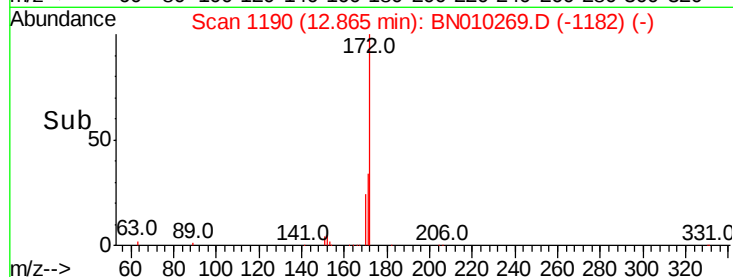
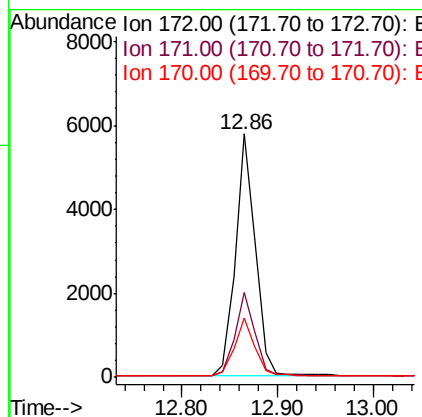
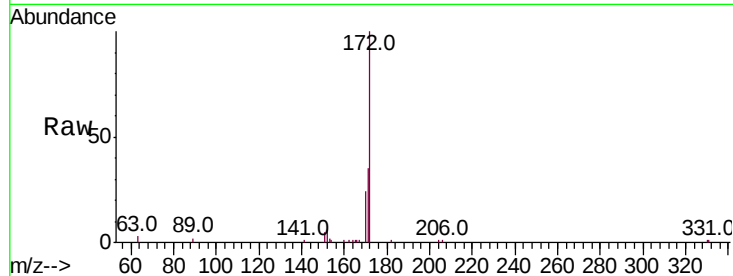


#15
 2-Fluorobiphenyl
 Concen: 0.285 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010269.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200310DL

Tot Ion:172 Resp: 8269

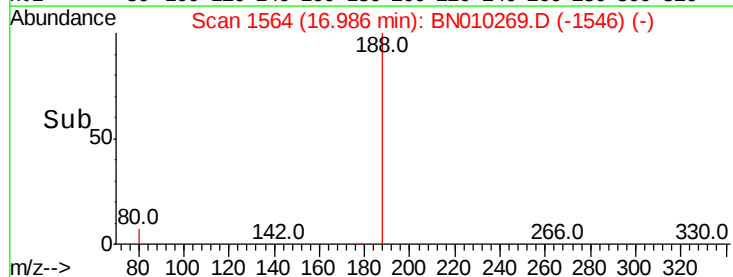
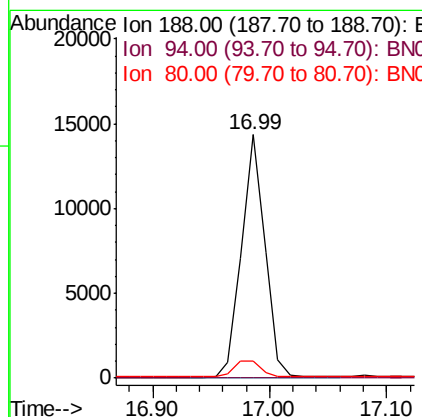
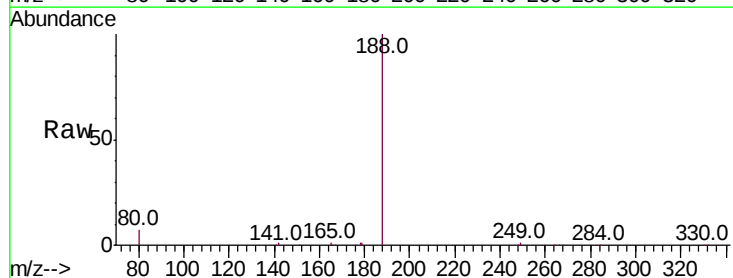
Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.2
170	24.2	20.2	30.4

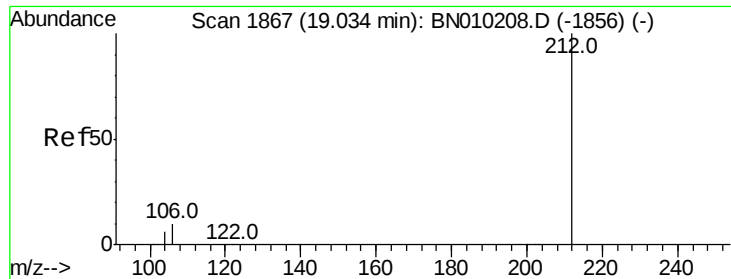


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BN010269.D
 Acq: 18 Mar 2020 18:32

Tgt Ion:188 Resp: 19764

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	8.6	12.8#





#25

Fluoranthene-d10

Concen: 0.131 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310DL

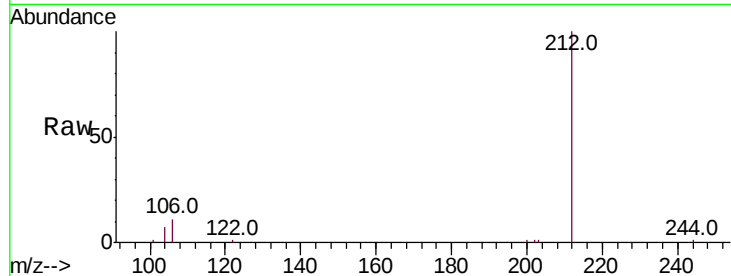
Tot Ion:212 Resp: 8014

Ion Ratio Lower Upper

212 100

106 9.5 8.1 12.1

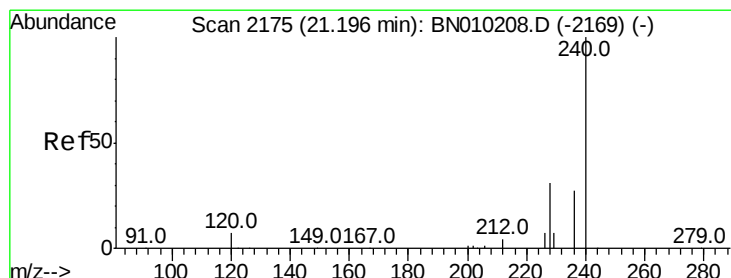
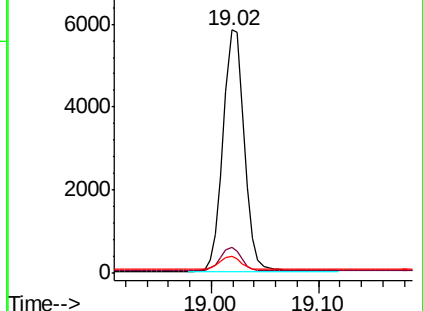
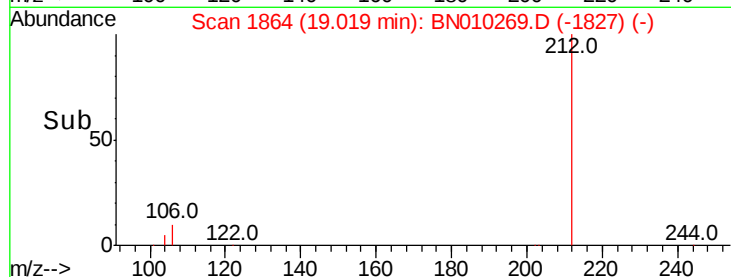
104 5.5 4.7 7.1



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# 2174

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

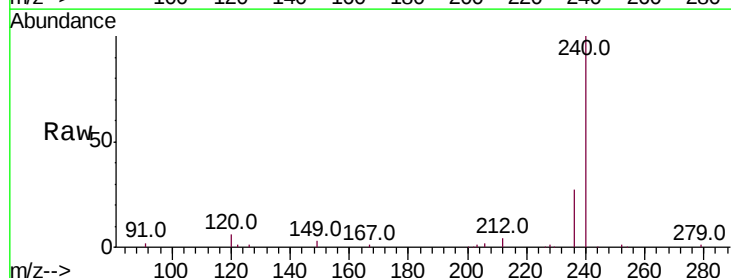
Tgt Ion:240 Resp: 20204

Ion Ratio Lower Upper

240 100

120 6.2 7.7 11.5#

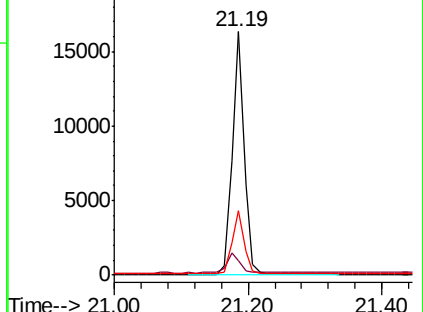
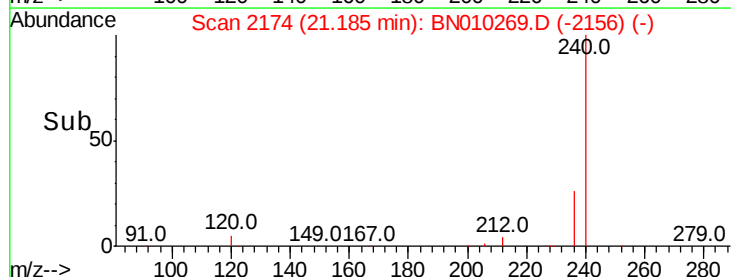
236 26.6 21.8 32.6

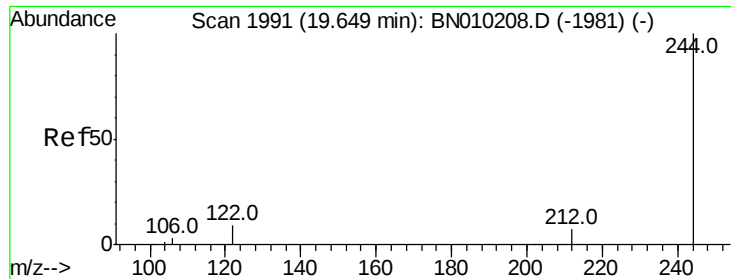


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.239 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310DL

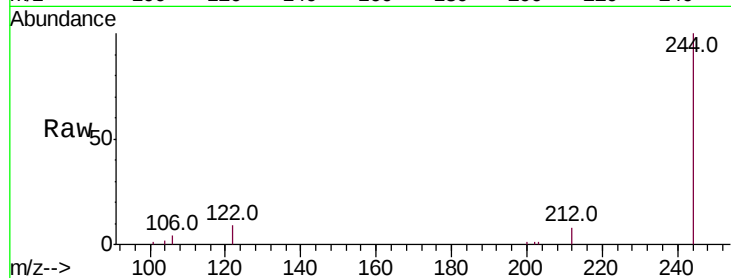
Tot Ion:244 Resp: 10992

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

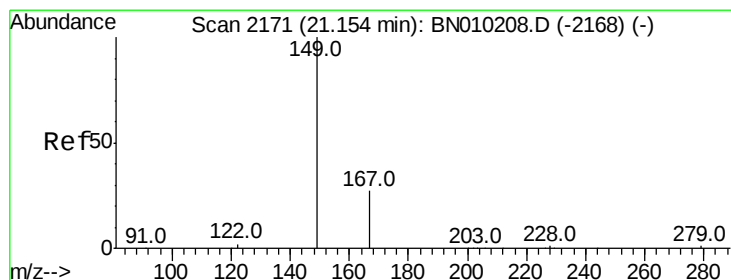
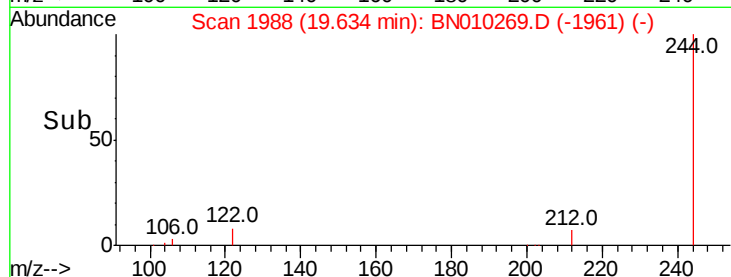
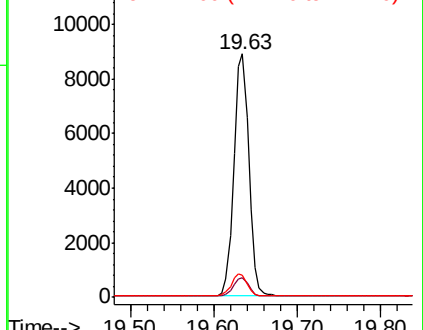
122 8.9 8.1 12.1



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: 0.059 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

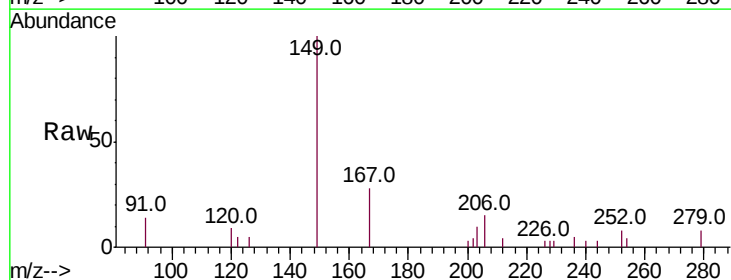
Tgt Ion:149 Resp: 1729

Ion Ratio Lower Upper

149 100

167 30.4 21.0 31.4

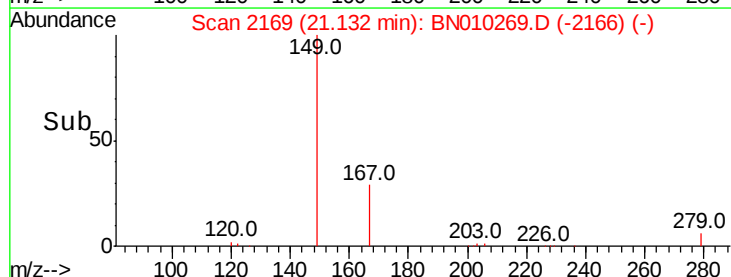
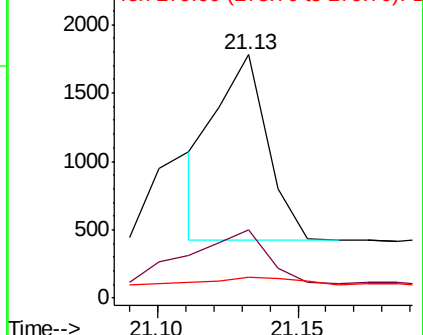
279 5.3 3.1 4.7#

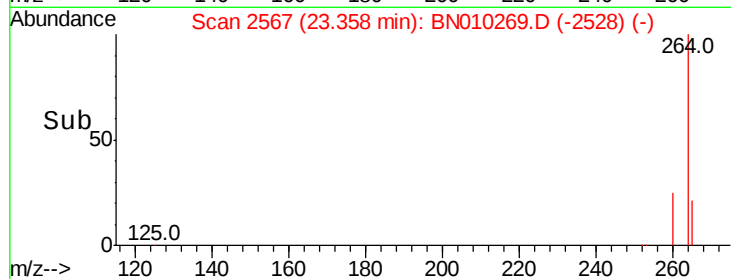
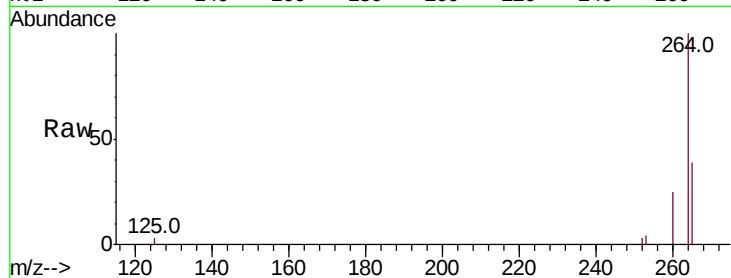
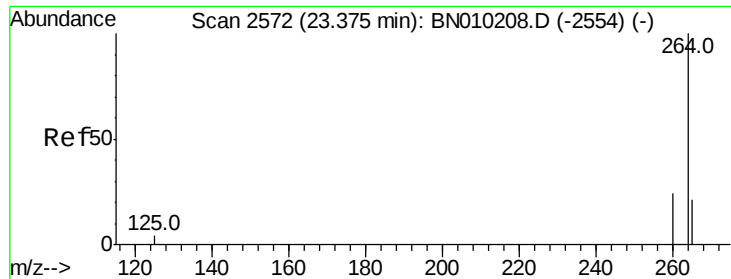


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310DL

Tot Ion:264 Resp: 21031

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 38.6 25.8 38.6

