

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010844.D
 Acq On : 12 Jun 2020 13:33
 Operator : CG/JU
 Sample : L2988-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20200608

Quant Time: Jun 23 19:57:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

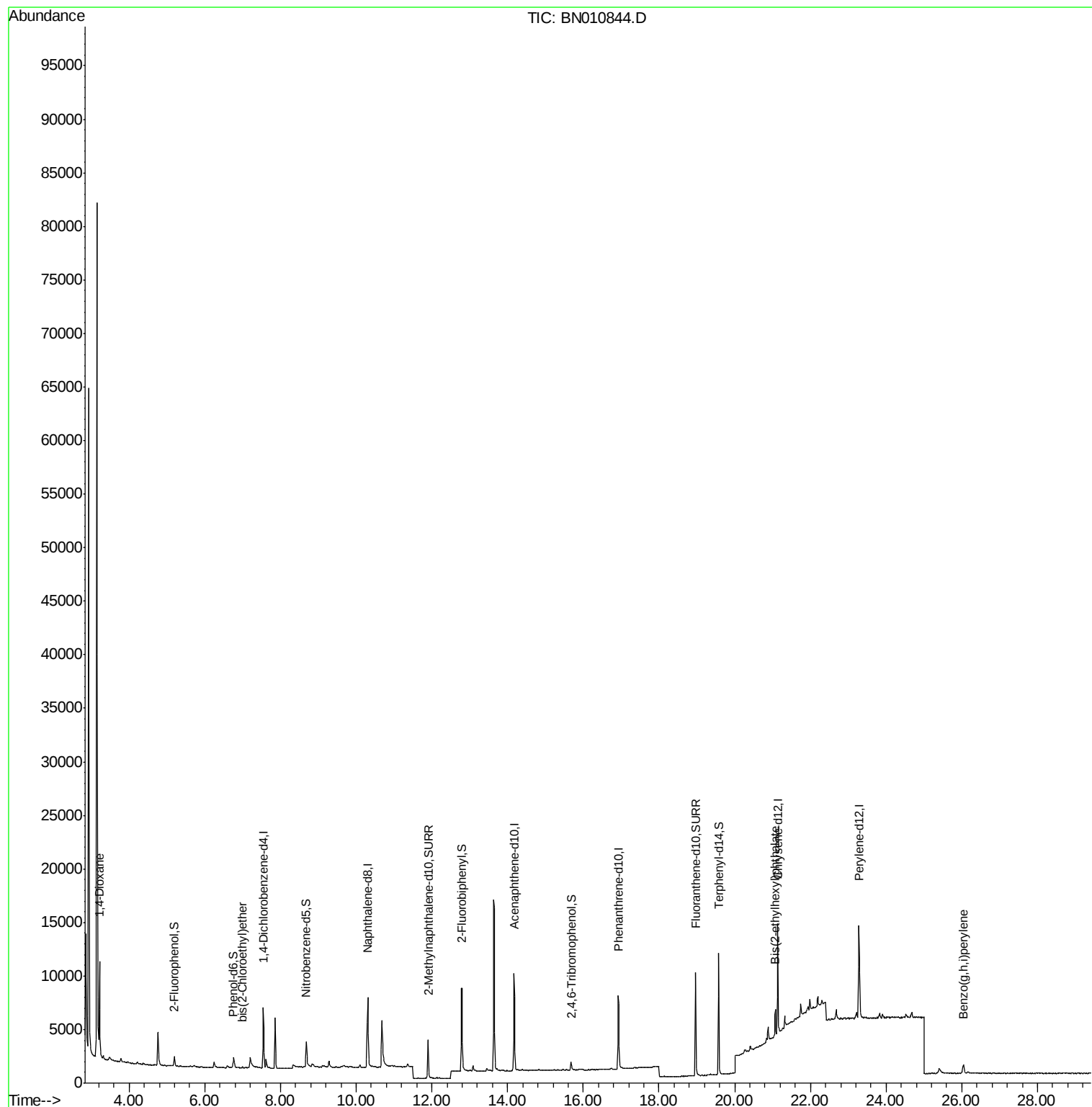
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2710	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	9754	0.40	ng	0.03
13) Acenaphthene-d10	14.17	164	5444	0.40	ng	0.02
19) Phenanthrene-d10	16.92	188	11283	0.40	ng	0.01
27) Chrysene-d12	21.13	240	10649	0.40	ng	0.01
34) Perylene-d12	23.29	264	11527	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	887	0.17	ng	0.02
5) Phenol-d6	6.74	99	622	0.10	ng	0.02
8) Nitrobenzene-d5	8.68	82	2952	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	5273	0.35	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	704	0.36	ng	0.02
15) 2-Fluorobiphenyl	12.80	172	8647	0.40	ng	0.02
25) Fluoranthene-d10	18.96	212	11701	0.38	ng	0.02
29) Terphenyl-d14	19.58	244	11857	0.48	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.22	88	7253	2.732	ng	97
6) bis(2-Chloroethyl)ether	6.99	93	143	0.024	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.08	149	2240	0.215	ng	97
39) Benzo(g,h,i)perylene	26.04	276	1730	0.043	ng	# 67

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010844.D
Acq On : 12 Jun 2020 13:33
Operator : CG/JU
Sample : L2988-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D1-20200608

Quant Time: Jun 23 19:57:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration



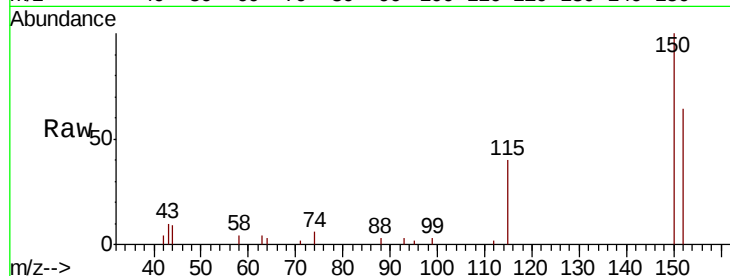


#1

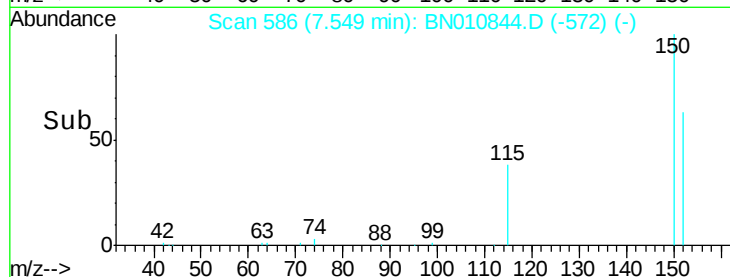
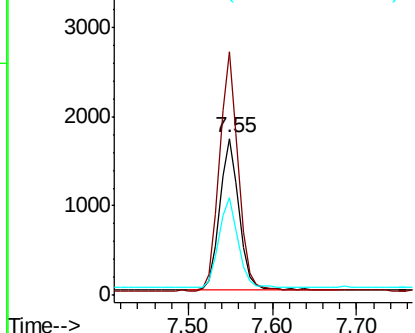
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.02 min
Lab File: BN010844.D
Acq: 12 Jun 2020 13:33

Instrument :
BNA_N
ClientSampleId :
RE132D1-20200608

Tot Ion:152 Resp: 2710
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 62.7 49.2 73.8



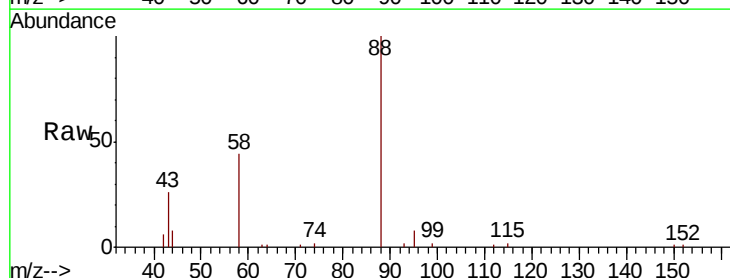
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



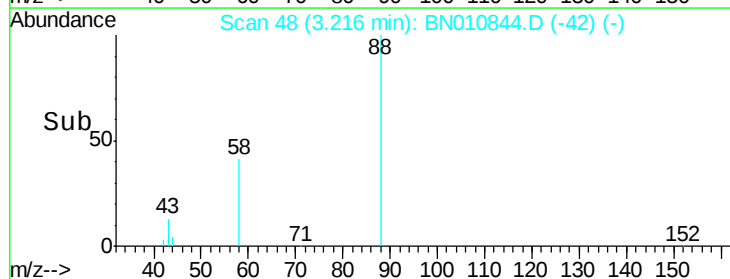
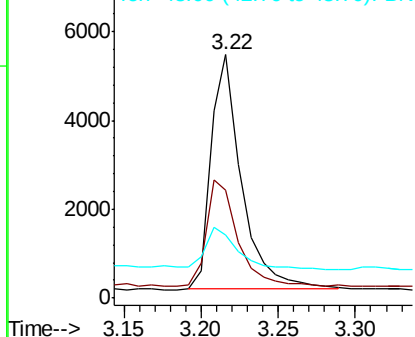
#2

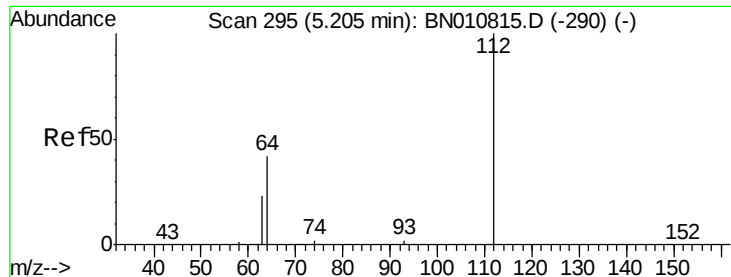
1,4-Dioxane
Concen: 2.732 ng
RT: 3.22 min Scan# 48
Delta R.T. 0.00 min
Lab File: BN010844.D
Acq: 12 Jun 2020 13:33

Tgt Ion: 88 Resp: 7253
Ion Ratio Lower Upper
88 100
58 45.6 38.2 57.4
43 18.6 15.1 22.7



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: 0.170 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.02 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200608

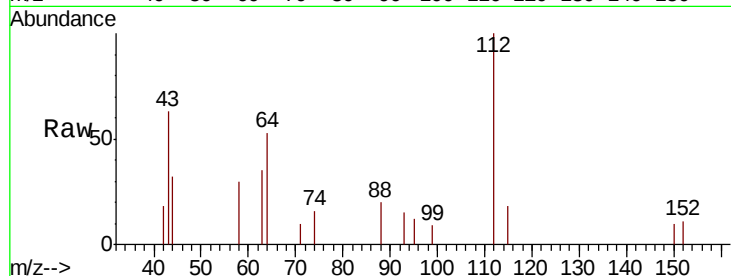
Tot Ion: 112 Resp: 887

Ion Ratio Lower Upper

112 100

64 44.4 37.4 56.0

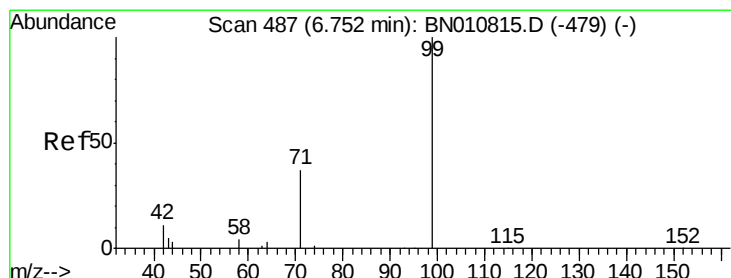
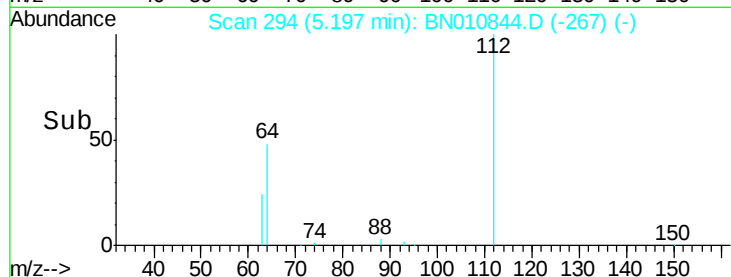
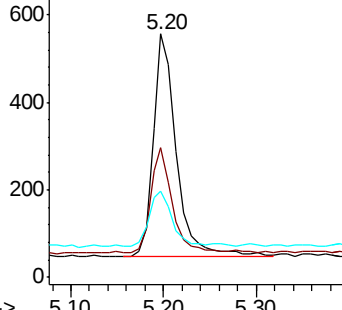
63 25.9 22.2 33.4



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: 0.101 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.02 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

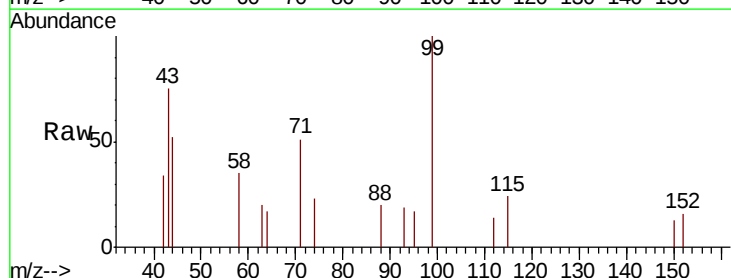
Tgt Ion: 99 Resp: 622

Ion Ratio Lower Upper

99 100

42 17.7 11.1 16.7#

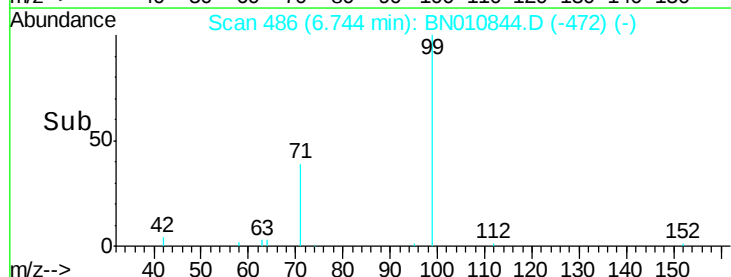
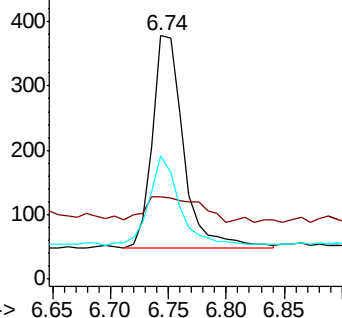
71 40.7 31.4 47.2

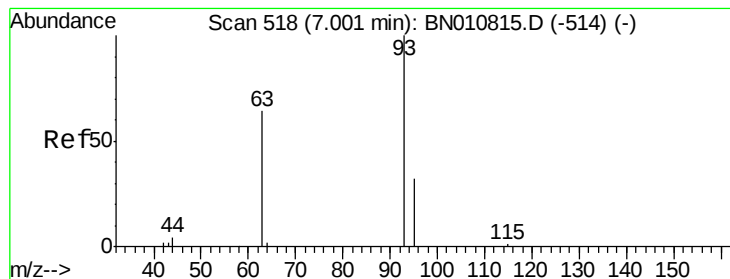


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.02 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200608

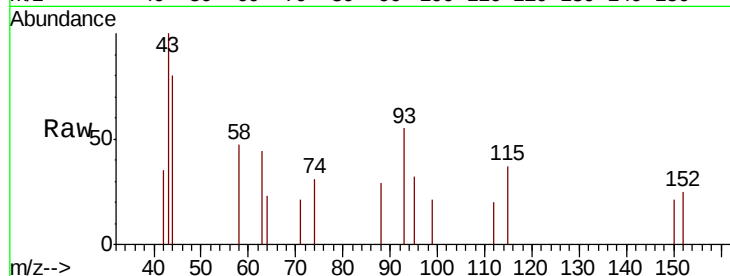
Tot Ion: 93 Resp: 143

Ion Ratio Lower Upper

93 100

63 47.6 49.4 74.2#

95 32.9 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

6.99

150

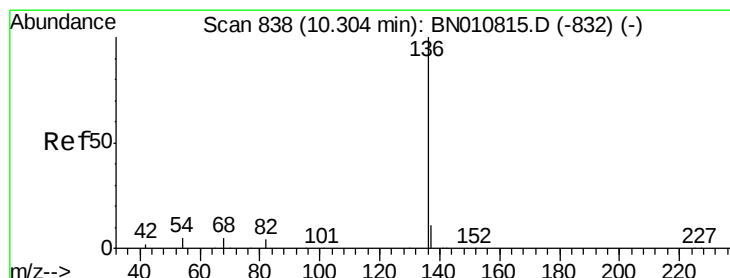
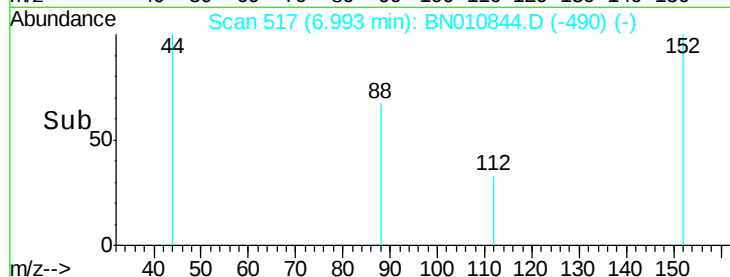
100

50

0

6.90 6.95 7.00 7.05 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

Tgt Ion: 136 Resp: 9754

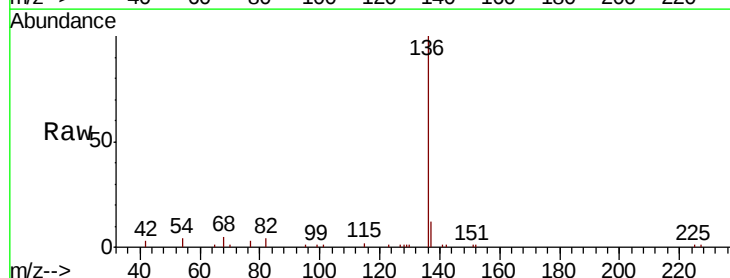
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.2 4.9 7.3#

68 4.8 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

10.30

8000

6000

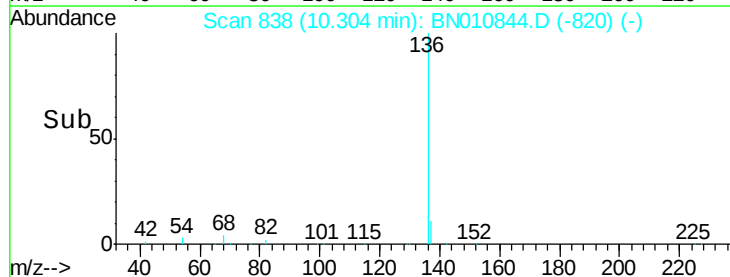
4000

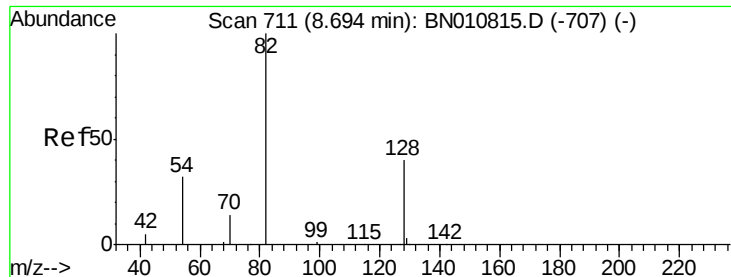
2000

0

10.20 10.40

Time-->

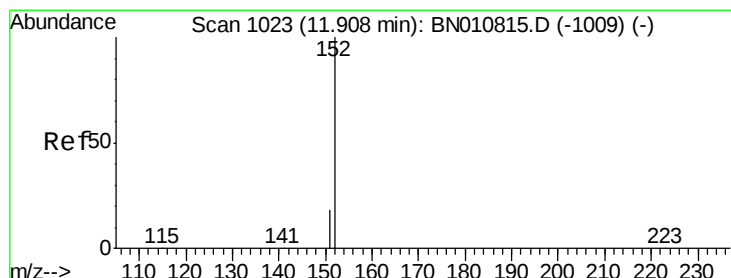
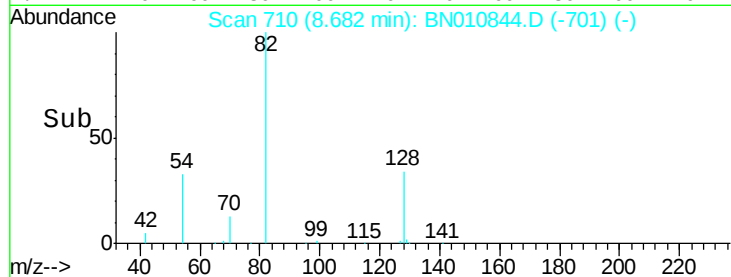
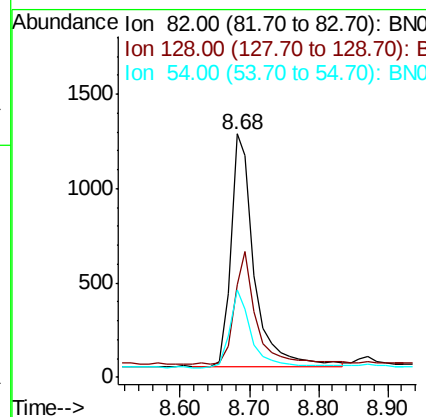
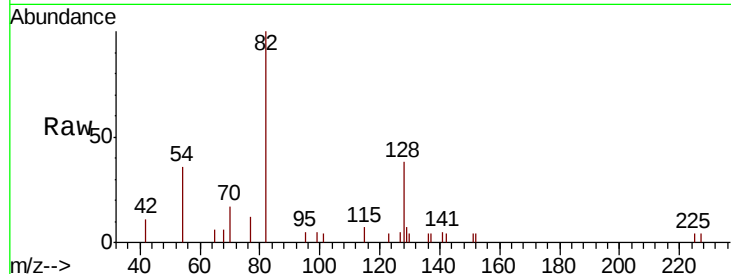




#8
 Nitrobenzene-d5
 Concen: 0.409 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: BN010844.D
 Acq: 12 Jun 2020 13:33

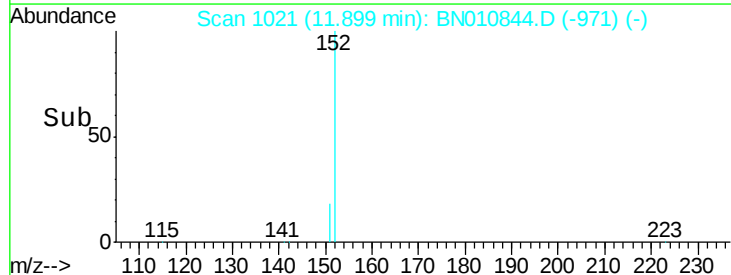
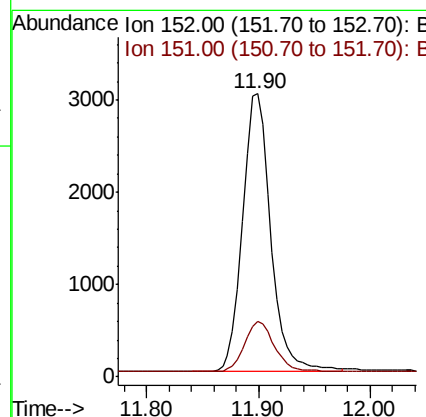
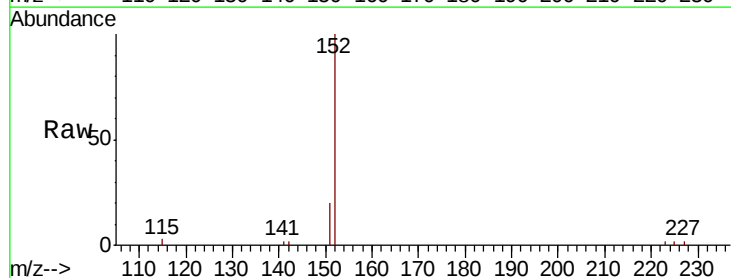
Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20200608

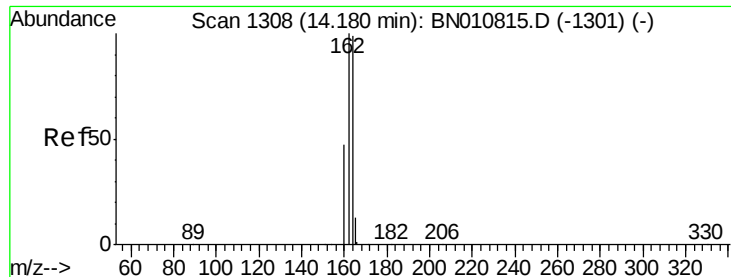
Tot Ion:	82	Resp:	2952
Ion	Ratio	Lower	Upper
82	100		
128	38.0	35.4	53.0
54	35.9	28.2	42.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.349 ng
 RT: 11.90 min Scan# 1021
 Delta R.T. 0.02 min
 Lab File: BN010844.D
 Acq: 12 Jun 2020 13:33

Tgt Ion:	152	Resp:	5273
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.3	22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200608

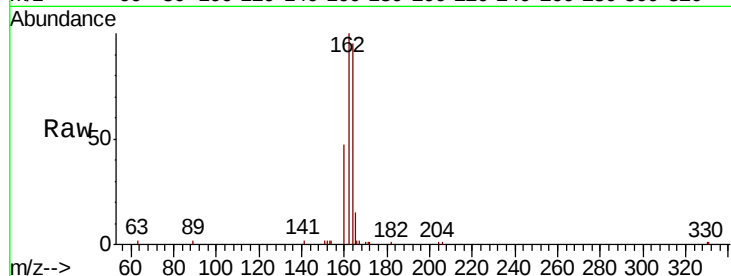
Tot Ion:164 Resp: 5444

Ion Ratio Lower Upper

164 100

162 104.9 81.0 121.6

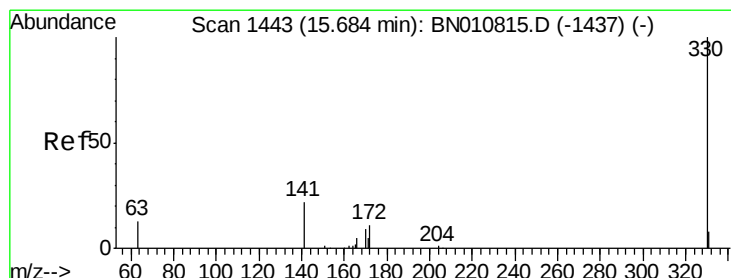
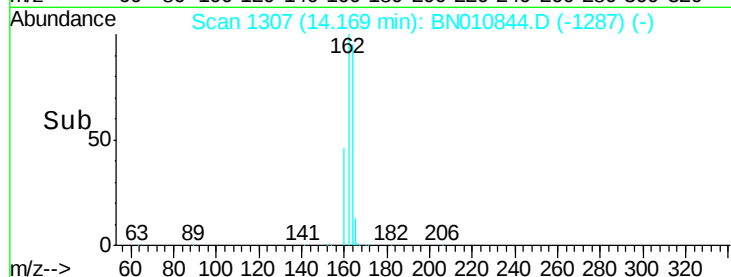
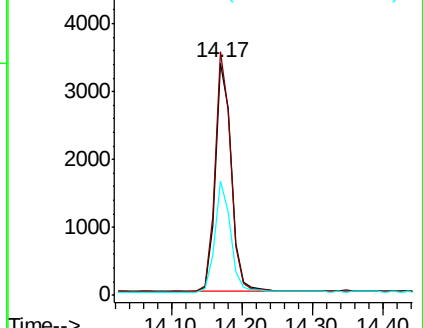
160 49.5 38.9 58.3



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: 0.362 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.02 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

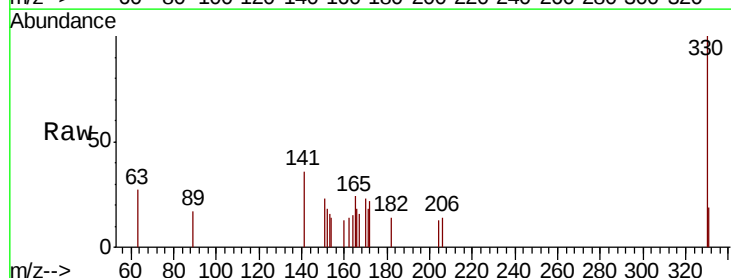
Tgt Ion:330 Resp: 704

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

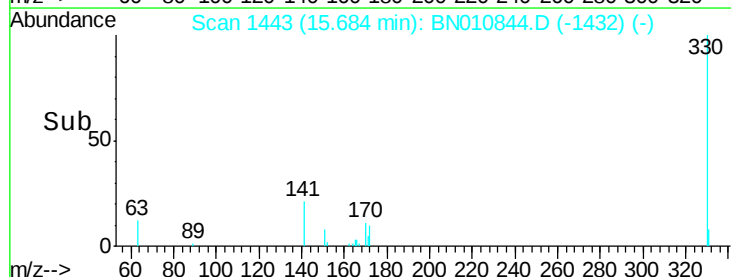
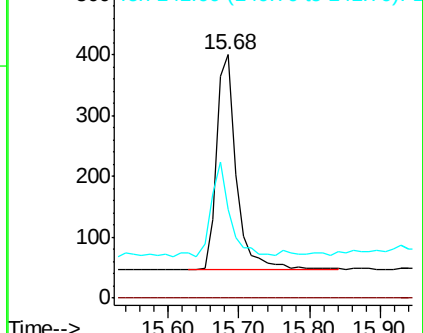
141 40.9 33.2 49.8

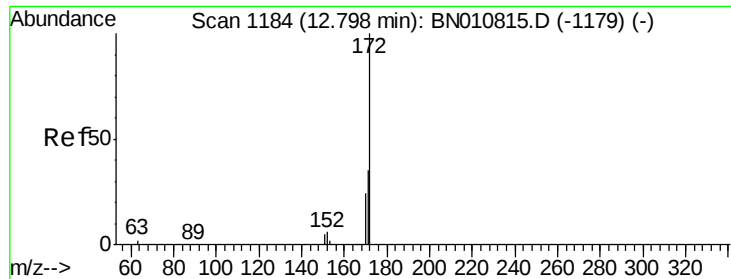


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

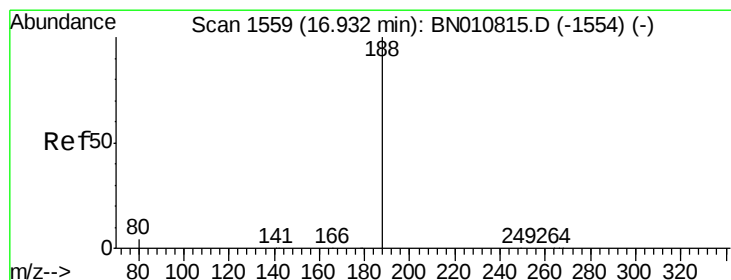
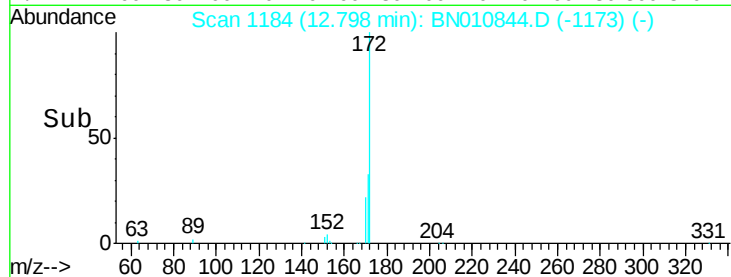
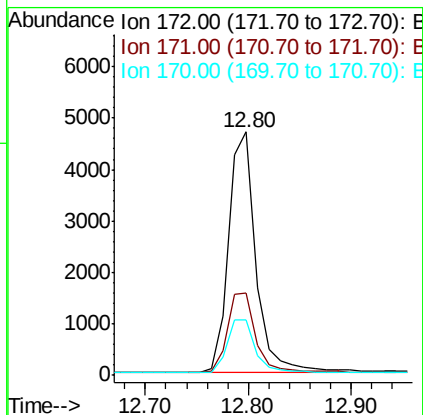
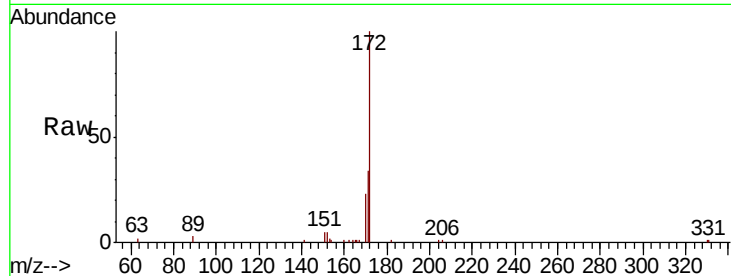




#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.02 min
Lab File: BN010844.D
Acq: 12 Jun 2020 13:33

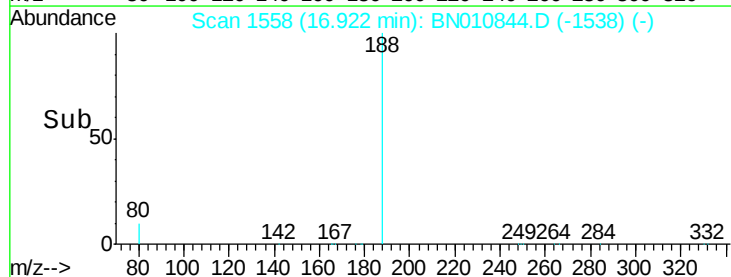
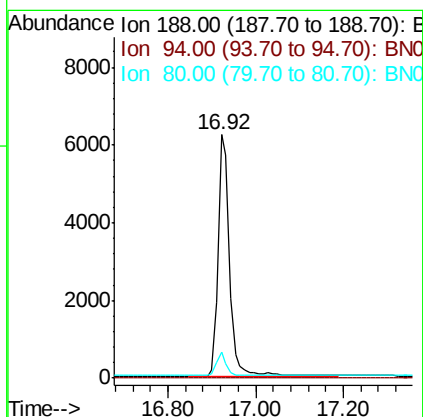
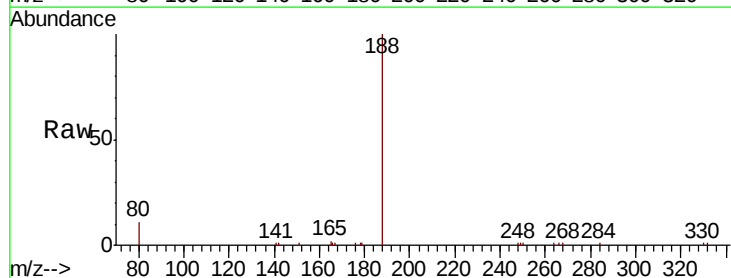
Instrument :
BNA_N
ClientSampleId :
RE132D1-20200608

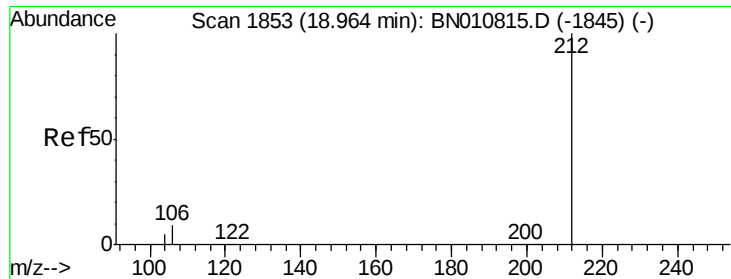
Tot Ion:172 Resp: 8647
Ion Ratio Lower Upper
172 100
171 33.8 28.5 42.7
170 22.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BN010844.D
Acq: 12 Jun 2020 13:33

Tgt Ion:188 Resp: 11283
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.02 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200608

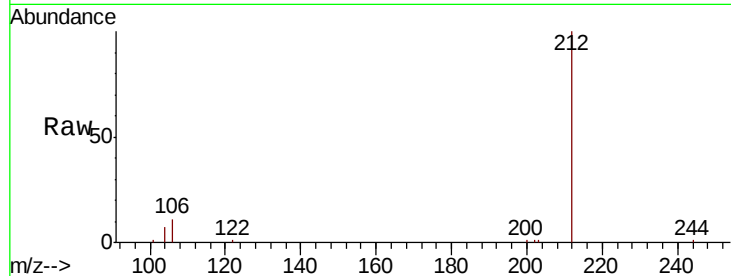
Tot Ion:212 Resp: 11701

Ion Ratio Lower Upper

212 100

106 10.7 6.6 10.0#

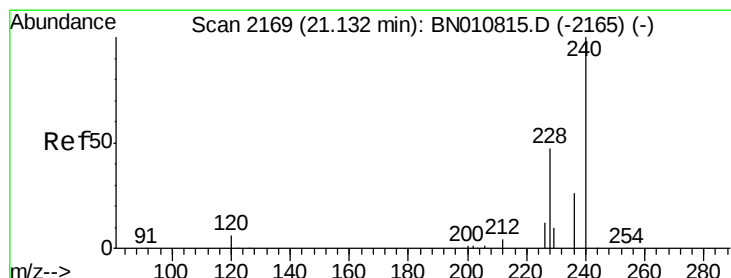
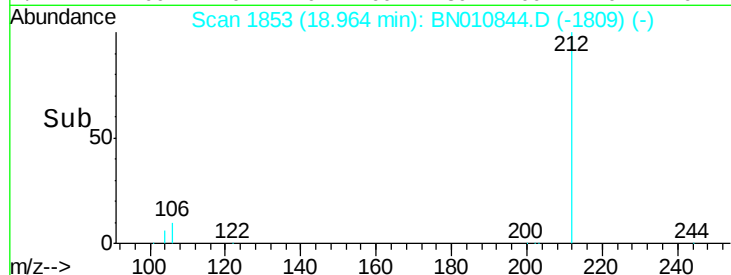
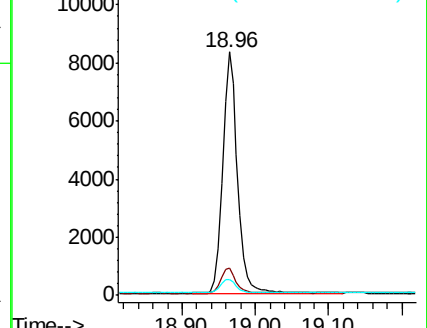
104 5.8 4.0 6.0



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: 21.13 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

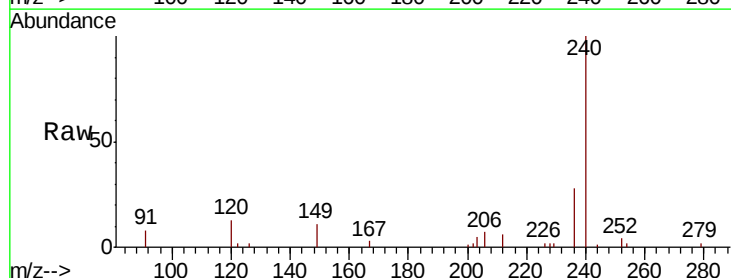
Tgt Ion:240 Resp: 10649

Ion Ratio Lower Upper

240 100

120 12.5 7.5 11.3#

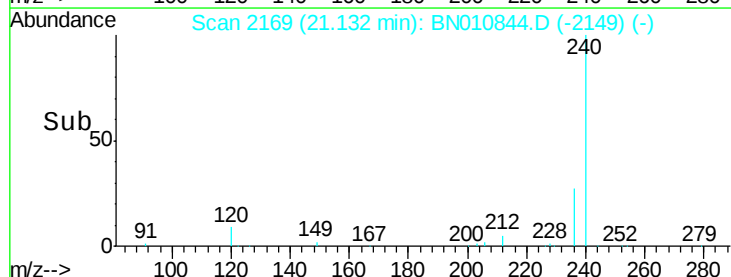
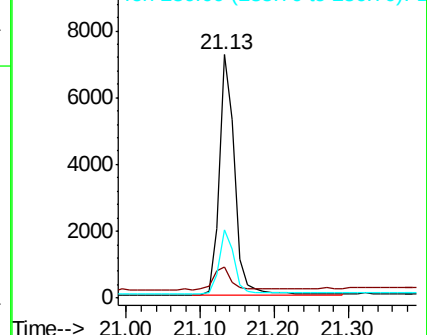
236 28.3 22.3 33.5

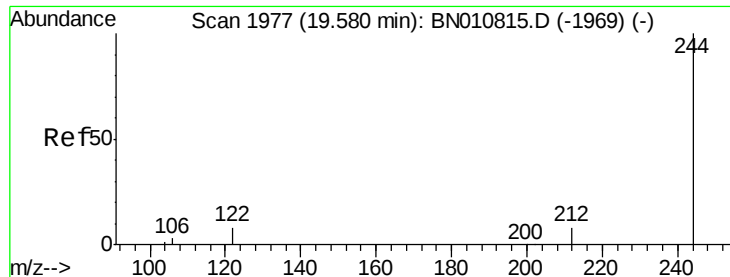


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.476 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200608

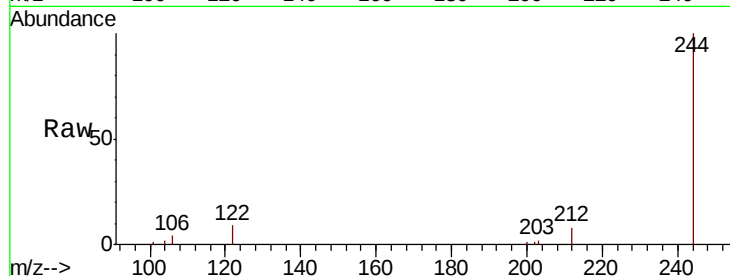
Tot Ion:244 Resp: 11857

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.2

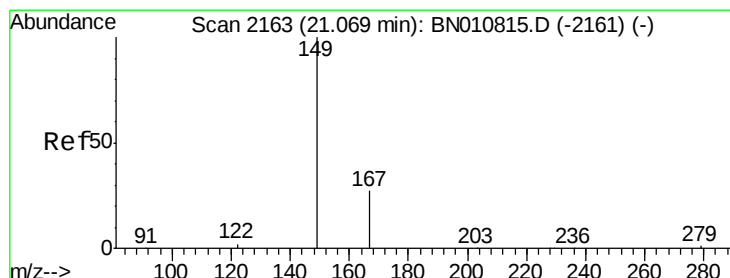
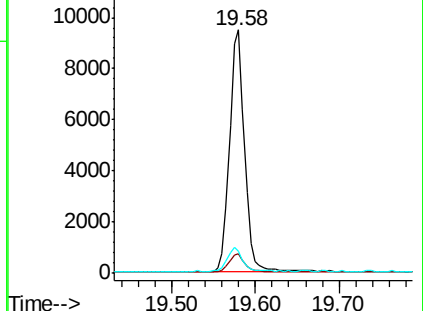
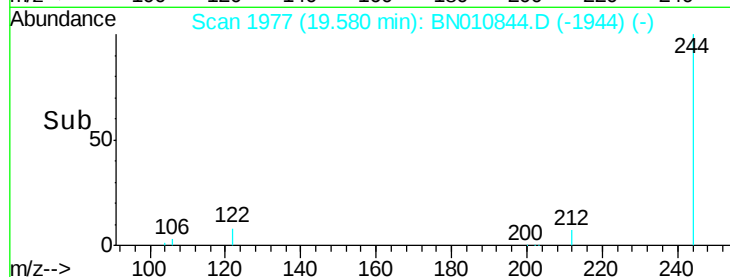
122 9.0 7.5 11.3



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: 0.215 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.02 min

Lab File: BN010844.D

Acq: 12 Jun 2020 13:33

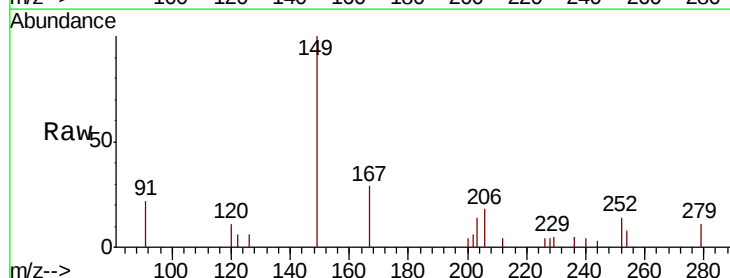
Tgt Ion:149 Resp: 2240

Ion Ratio Lower Upper

149 100

167 28.5 24.1 36.1

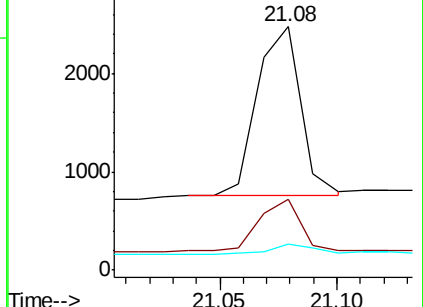
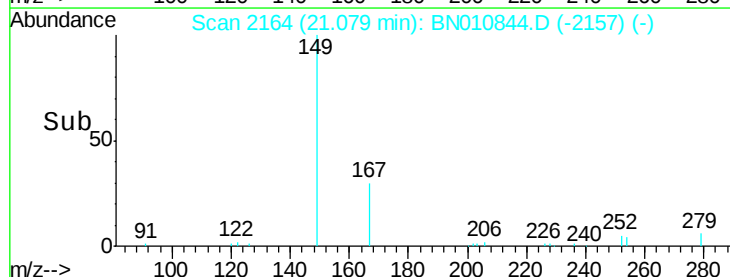
279 6.0 4.6 7.0

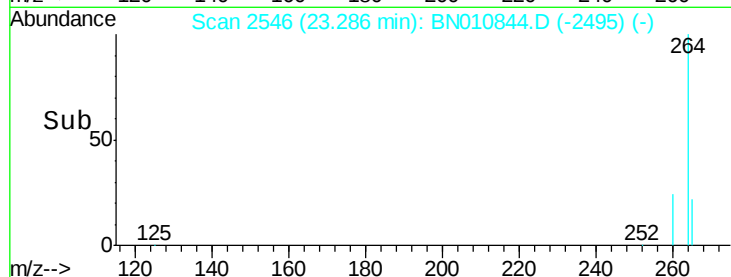
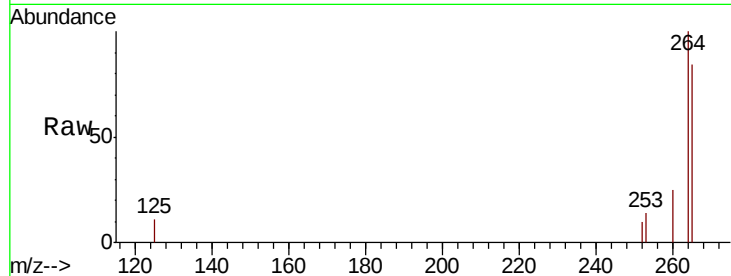


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

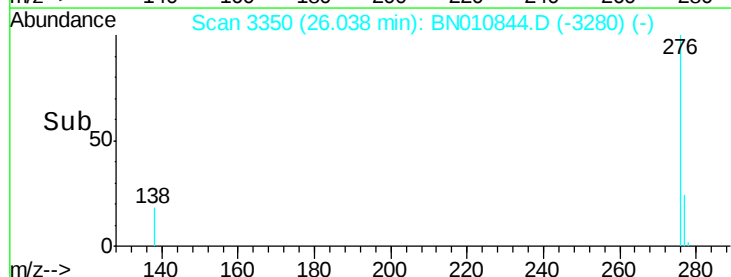
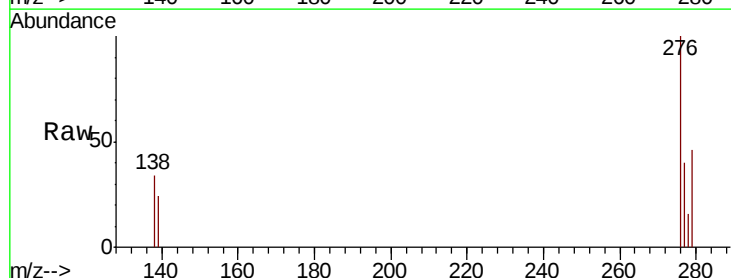
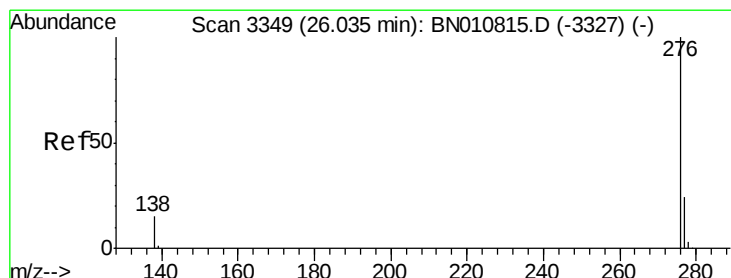
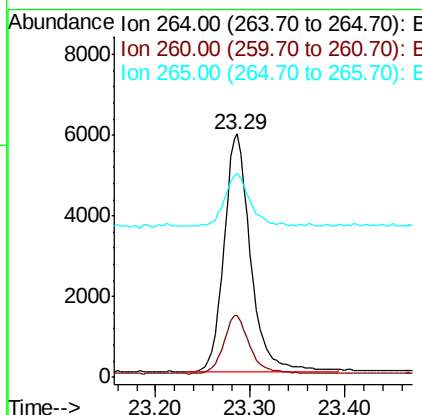




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BN010844.D
Acq: 12 Jun 2020 13:33

Instrument :
BNA_N
ClientSampleId :
RE132D1-20200608

Tot Ion:264 Resp: 11527
Ion Ratio Lower Upper
264 100
260 25.2 20.4 30.6
265 83.6 75.0 112.4



#39
Benzo(g,h,i)perylene
Concen: 0.043 ng
RT: 26.04 min Scan# 3350
Delta R.T. 0.04 min
Lab File: BN010844.D
Acq: 12 Jun 2020 13:33

Tgt Ion:276 Resp: 1730
Ion Ratio Lower Upper
276 100
277 40.2 20.5 30.7#
138 34.3 13.7 20.5#

