

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010935.D
 Acq On : 17 Jun 2020 09:17
 Operator : CG/JU
 Sample : L2989-04DL 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200609DL

Quant Time: Jun 17 10:21:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

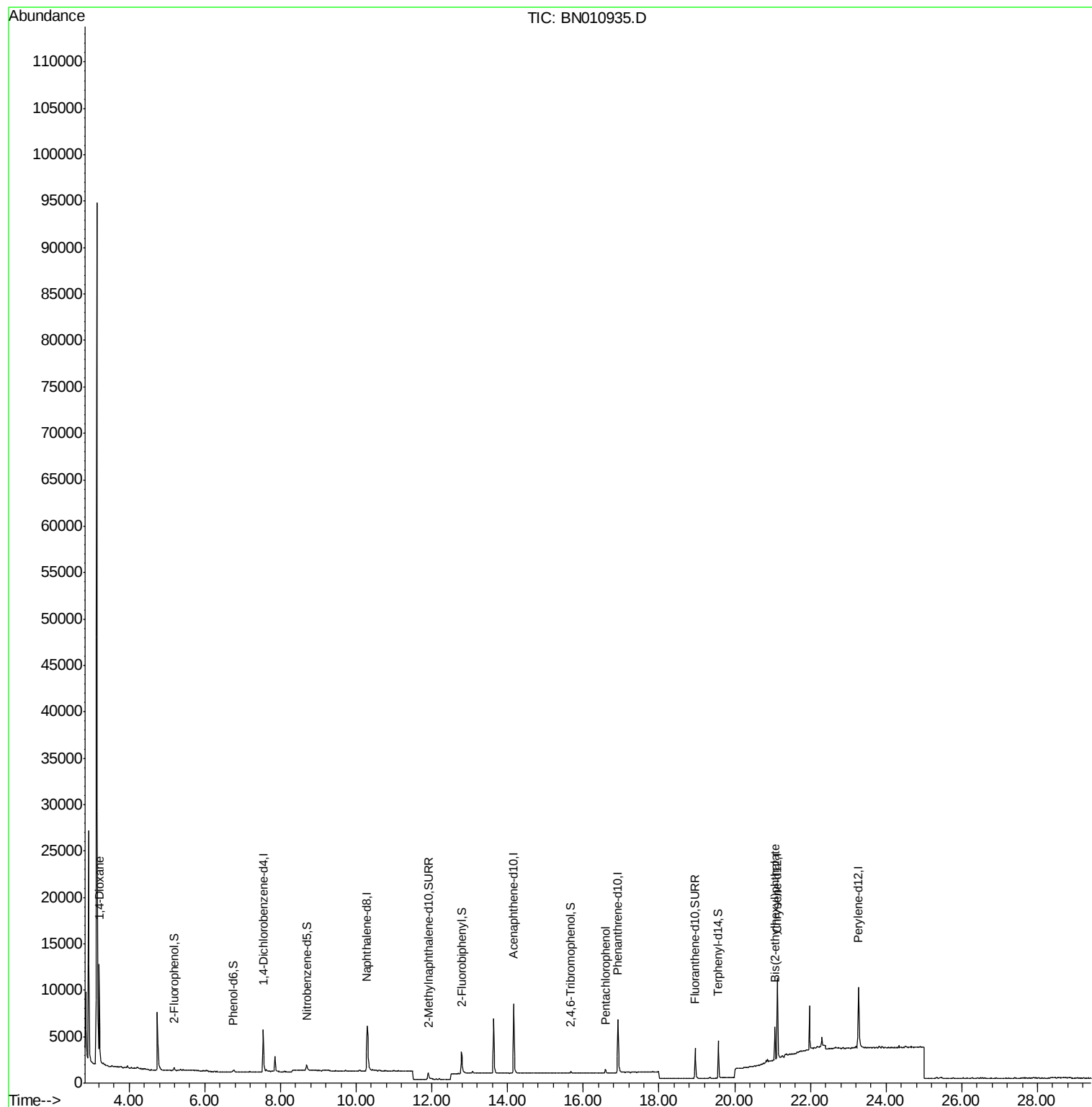
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2537	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8516	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4765	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	10127	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	10138	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9501	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	285	0.06	ng	0.00
5) Phenol-d6	6.74	99	196	0.03	ng	0.00
8) Nitrobenzene-d5	8.69	82	854	0.14	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	1520	0.12	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	229	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	2931	0.16	ng	0.00
25) Fluoranthene-d10	18.95	212	4408	0.16	ng	0.00
29) Terphenyl-d14	19.57	244	4531	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	8040	3.235	ng	97
22) Pentachlorophenol	16.58	266	260	0.122	ng	94
32) Bis(2-ethylhexyl)phthalate	21.07	149	3272	0.329	ng	# 96

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
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Response via : Initial Calibration



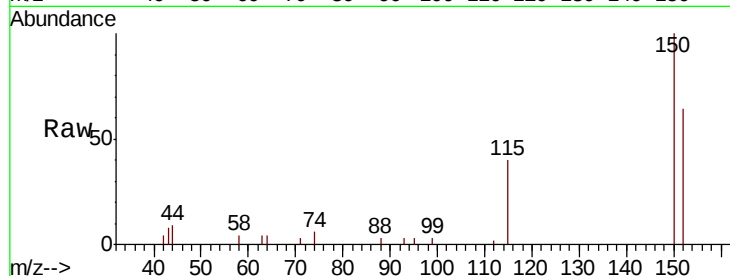


#1

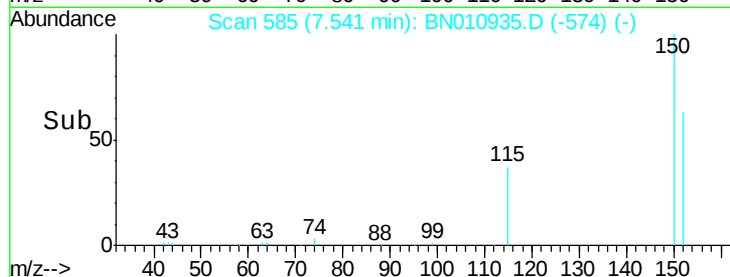
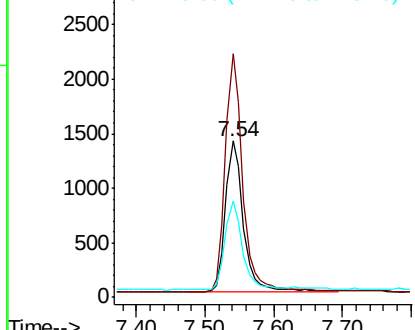
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.54 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BN010935.D
 Acq: 17 Jun 2020 09:17

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200609DL

Tot Ion:152 Resp: 2537
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.8 185.6
 115 61.9 49.2 73.8



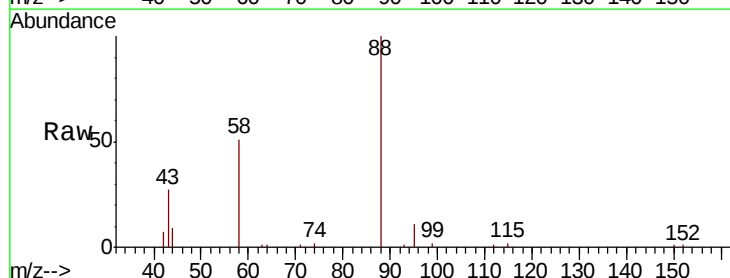
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



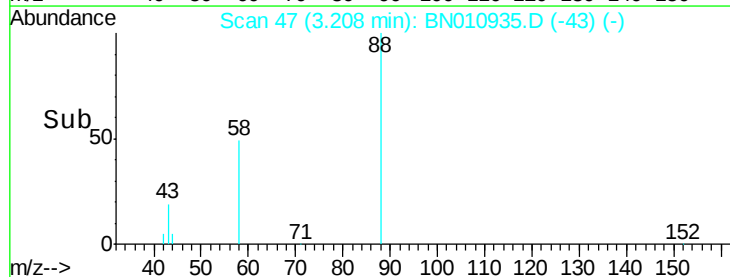
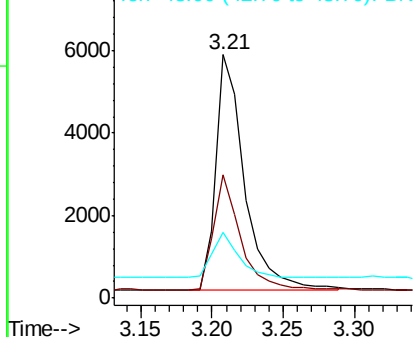
#2

1,4-Dioxane
 Concen: 3.235 ng
 RT: 3.21 min Scan# 47
 Delta R.T. -0.02 min
 Lab File: BN010935.D
 Acq: 17 Jun 2020 09:17

Tgt Ion: 88 Resp: 8040
 Ion Ratio Lower Upper
 88 100
 58 46.5 38.2 57.4
 43 16.8 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: 0.058 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

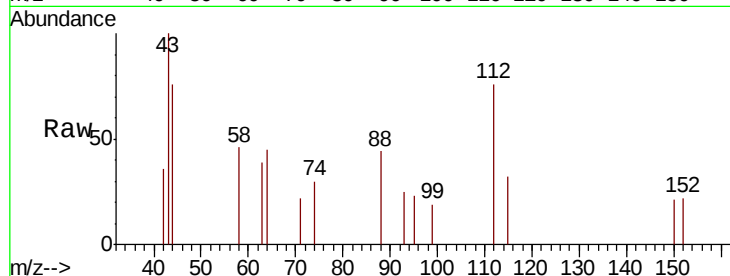
Tot Ion: 112 Resp: 285

Ion Ratio Lower Upper

112 100

64 51.9 37.4 56.0

63 26.0 22.2 33.4



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

250

200

150

100

50

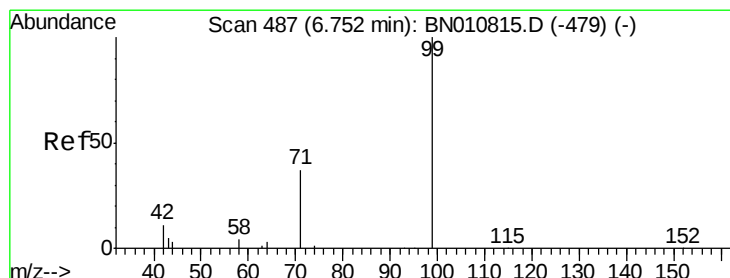
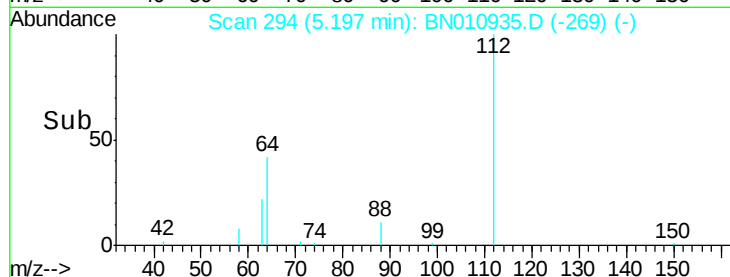
0

5.10

5.20

5.30

Time-->



#5

Phenol-d6

Concen: 0.034 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

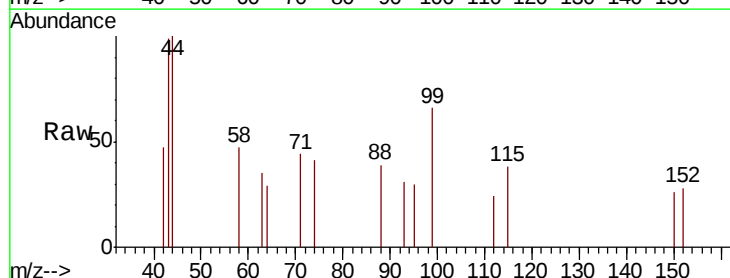
Tgt Ion: 99 Resp: 196

Ion Ratio Lower Upper

99 100

42 23.0 11.1 16.7#

71 48.5 31.4 47.2#



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

150

100

50

0

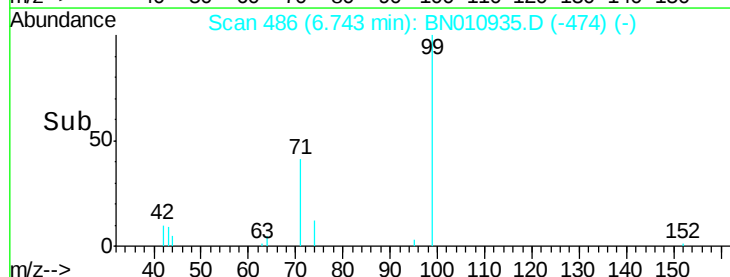
6.70

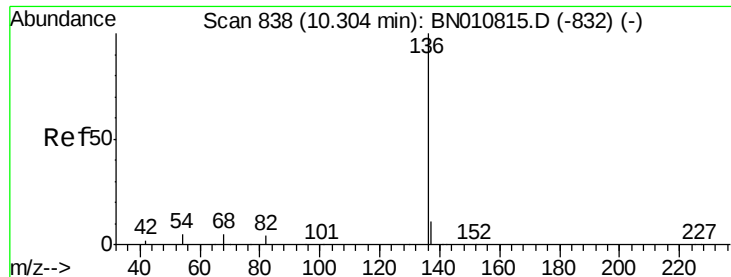
6.74

6.80

6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

Tot Ion:136 Resp: 8516

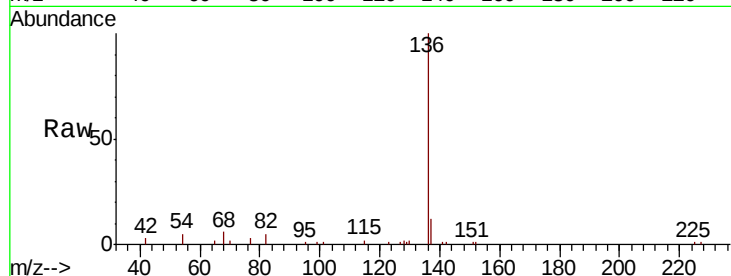
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.4 4.9 7.3

68 6.2 4.7 7.1

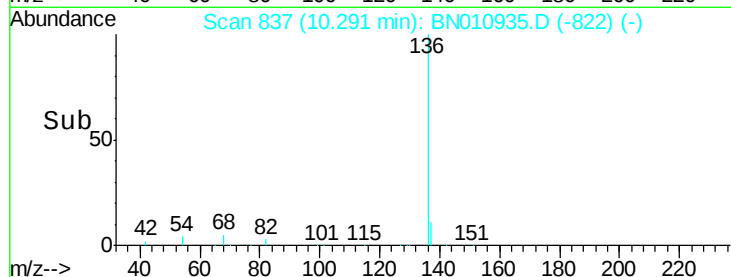


Abundance Ion 136.00 (135.70 to 136.70): E

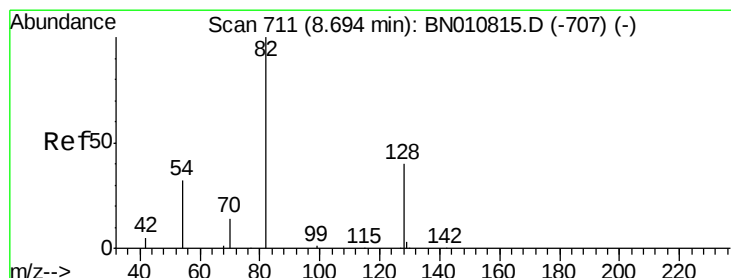
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.136 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

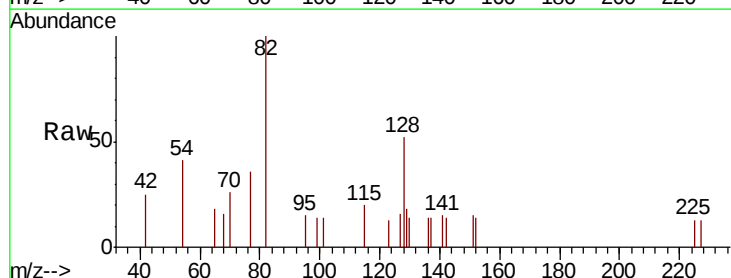
Tgt Ion: 82 Resp: 854

Ion Ratio Lower Upper

82 100

128 52.0 35.4 53.0

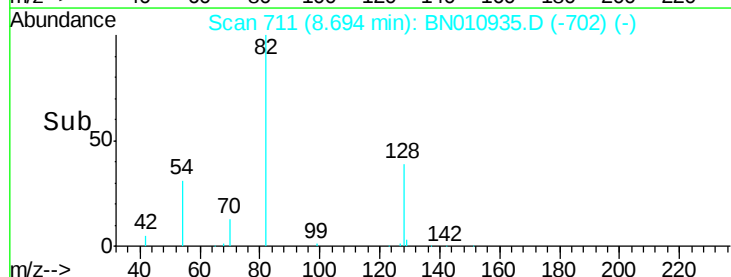
54 40.6 28.2 42.4



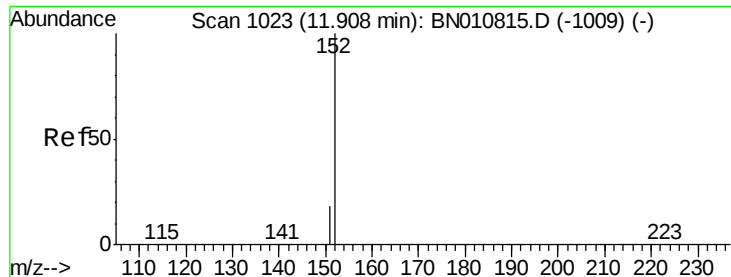
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



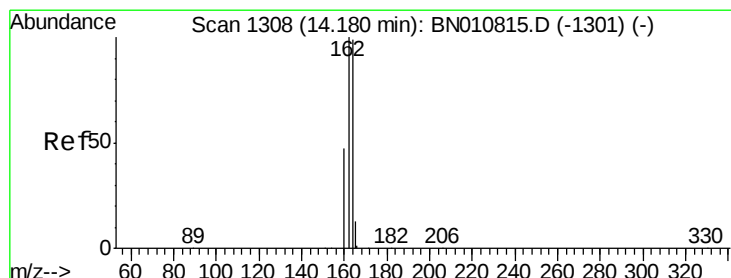
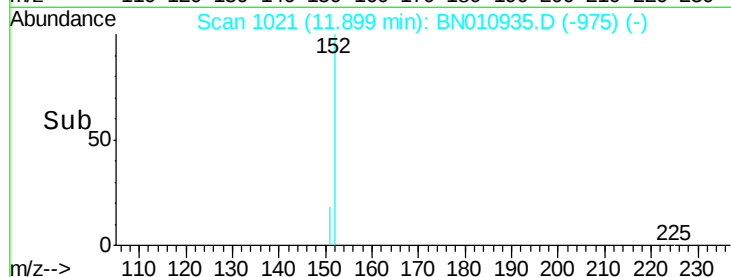
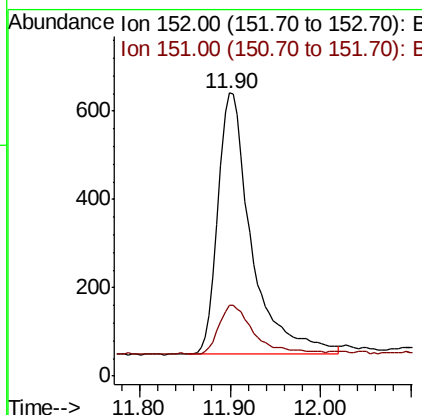
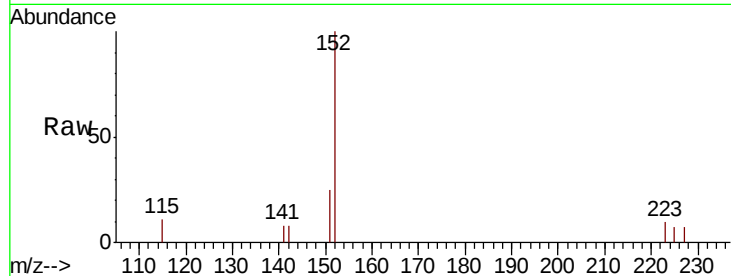
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.115 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BN010935.D
Acq: 17 Jun 2020 09:17

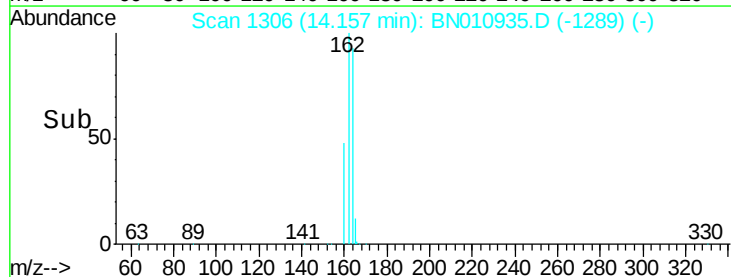
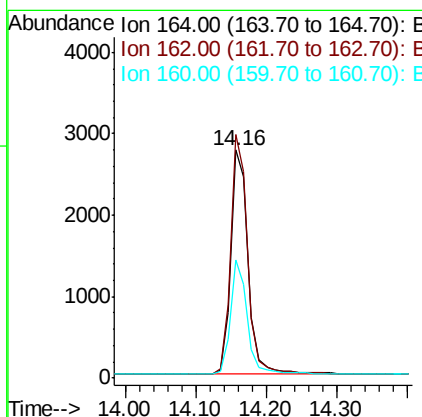
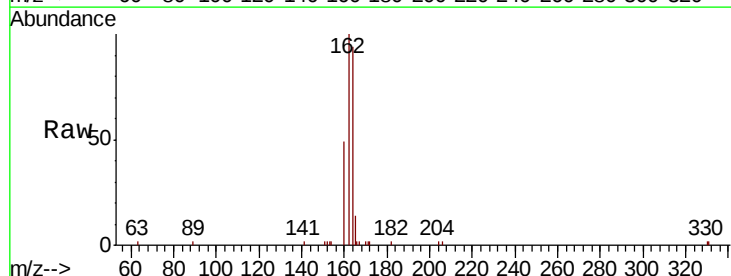
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200609DL

Tot Ion:152 Resp: 1520
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN010935.D
Acq: 17 Jun 2020 09:17

Tgt Ion:164 Resp: 4765
Ion Ratio Lower Upper
164 100
162 106.8 81.0 121.6
160 52.0 38.9 58.3

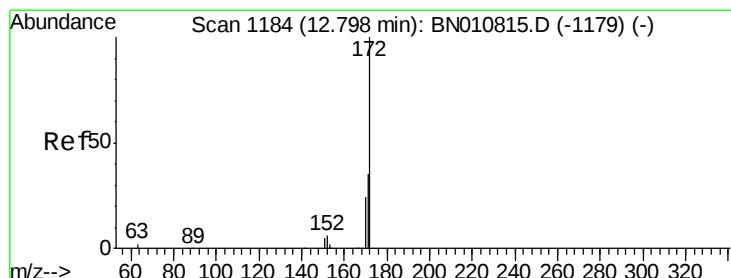
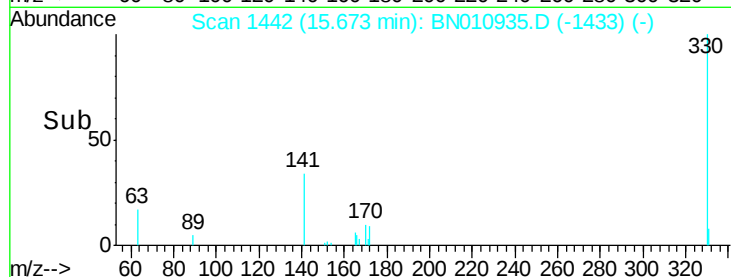
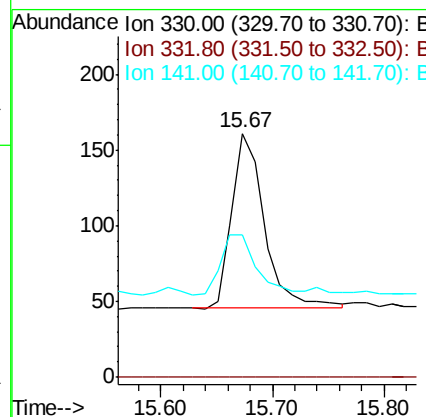
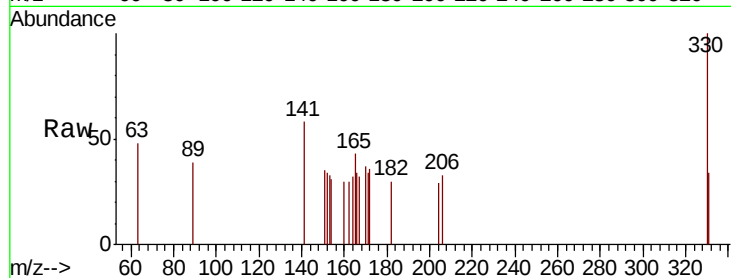




#14
2,4,6-Tribromophenol
Concen: 0.134 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010935.D
Acq: 17 Jun 2020 09:17

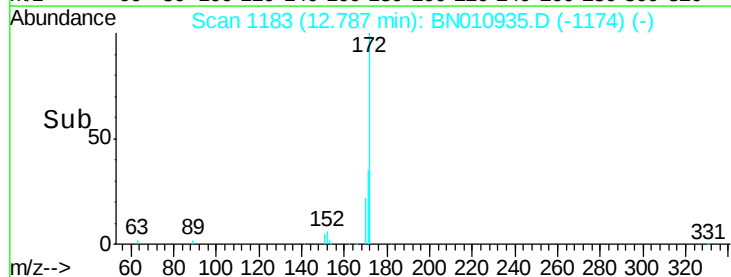
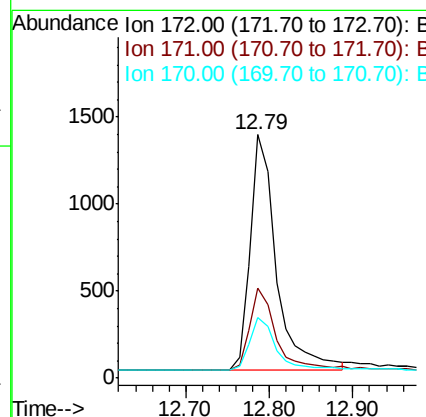
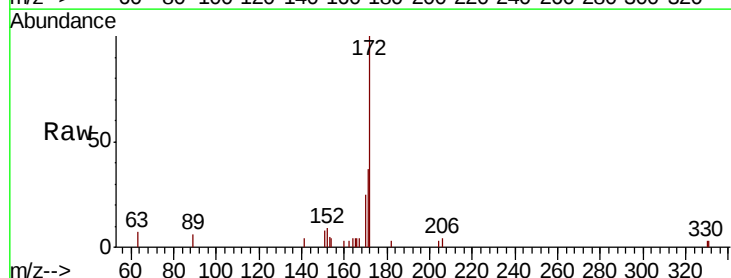
Instrument :
BNA_N
ClientSampleId :
RE125D2-20200609DL

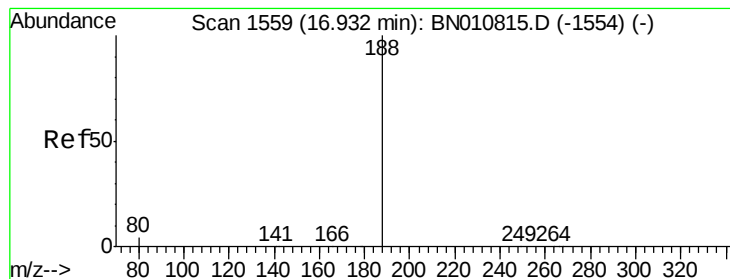
Tot Ion:330 Resp: 229
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.2 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010935.D
Acq: 17 Jun 2020 09:17

Tgt Ion:172 Resp: 2931
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 25.0 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

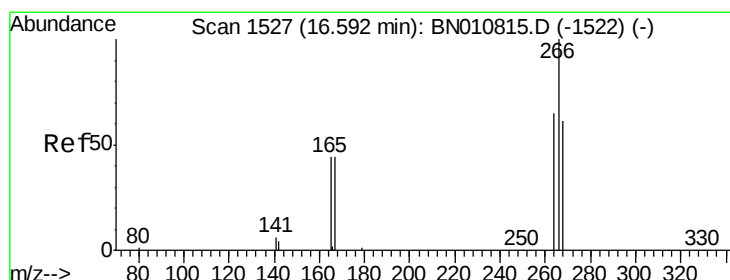
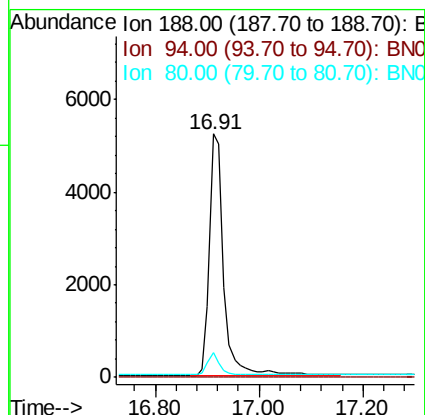
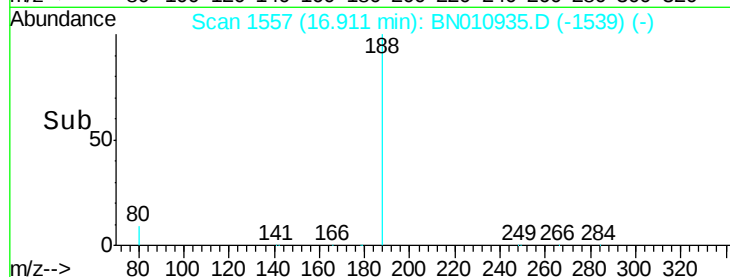
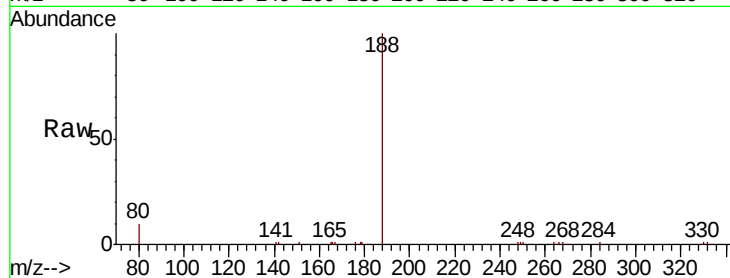
Tot Ion:188 Resp: 10127

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 4.5 6.7#



#22

Pentachlorophenol

Concen: 0.122 ng

RT: 16.58 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

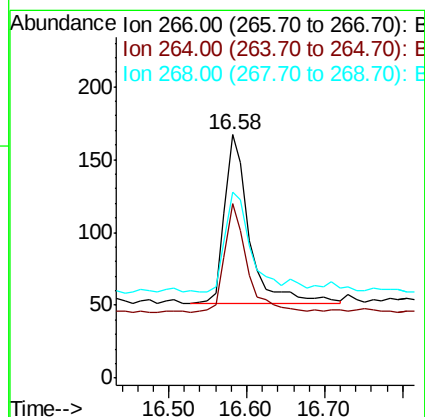
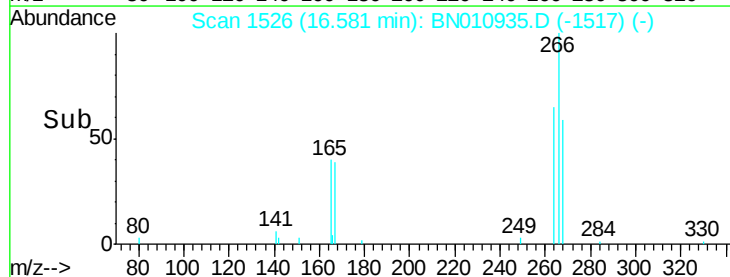
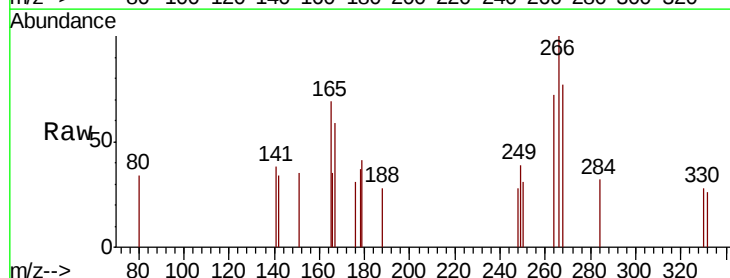
Tgt Ion:266 Resp: 260

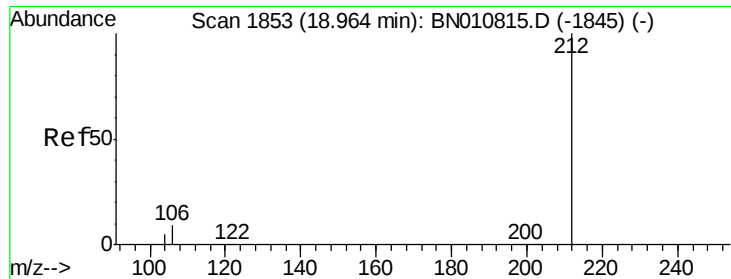
Ion Ratio Lower Upper

266 100

264 71.9 54.8 82.2

268 76.6 55.9 83.9





#25

Fluoranthene-d10

Concen: 0.158 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

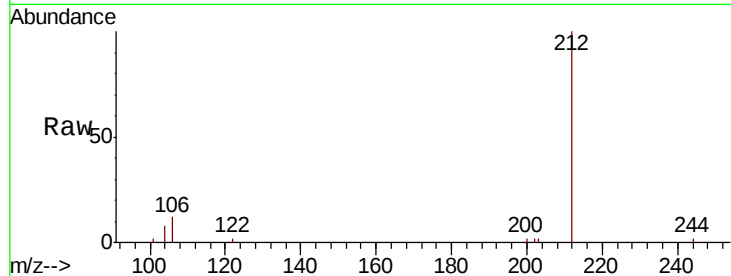
Tot Ion:212 Resp: 4408

Ion Ratio Lower Upper

212 100

106 9.8 6.6 10.0

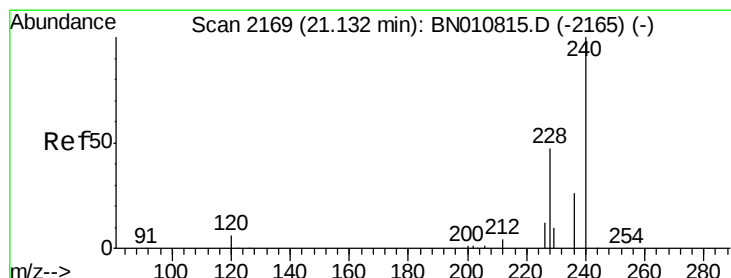
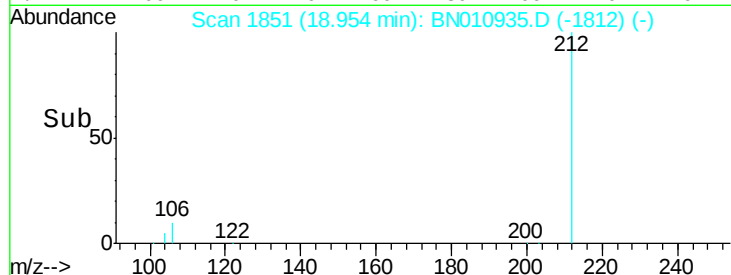
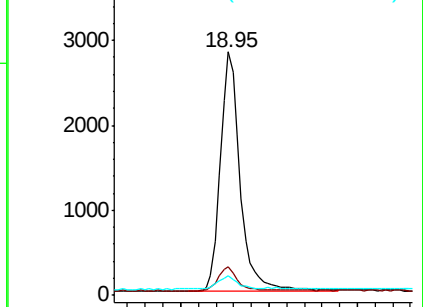
104 5.4 4.0 6.0



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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

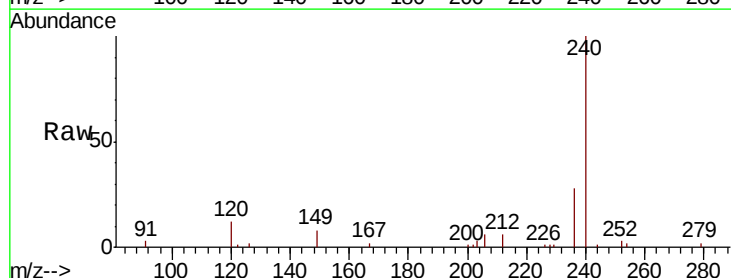
Tgt Ion:240 Resp: 10138

Ion Ratio Lower Upper

240 100

120 11.5 7.5 11.3#

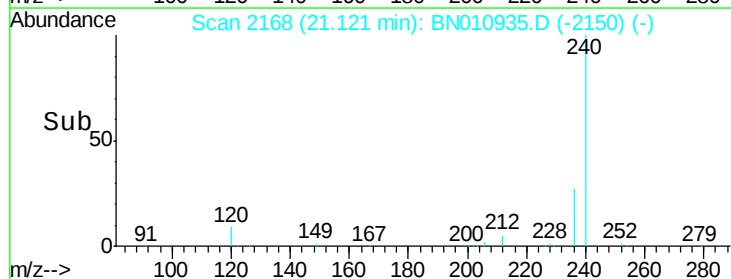
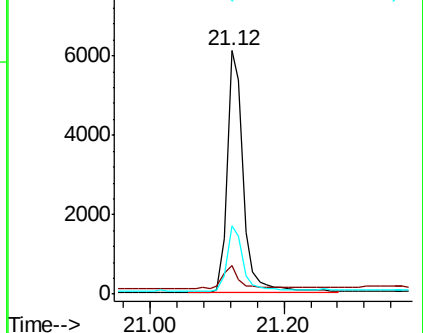
236 28.1 22.3 33.5

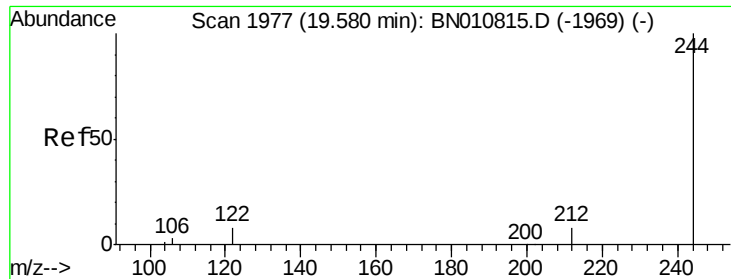


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.191 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

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RE125D2-20200609DL

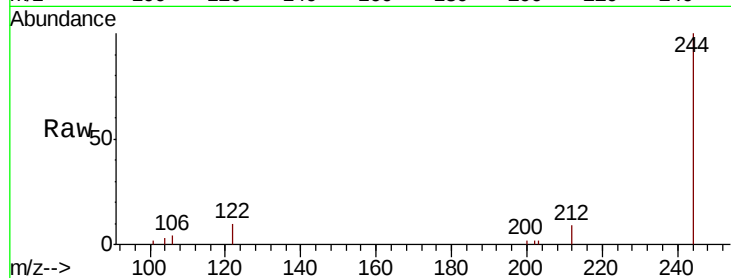
Tot Ion:244 Resp: 4531

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

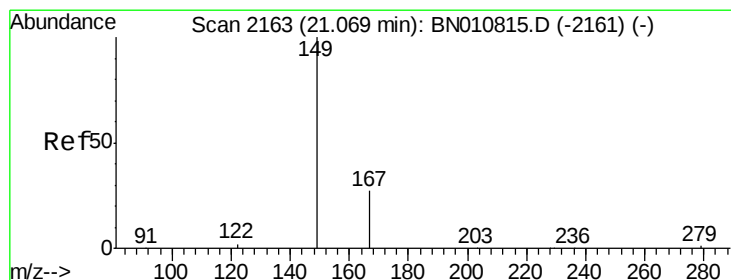
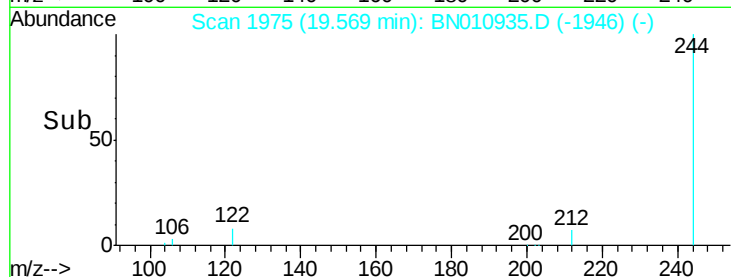
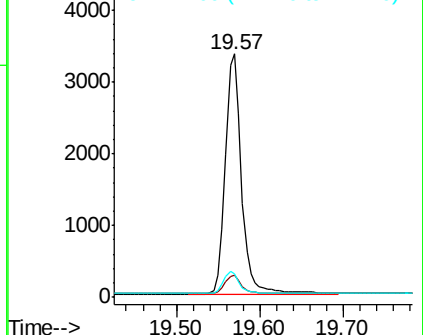
122 9.7 7.5 11.3



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: 0.329 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

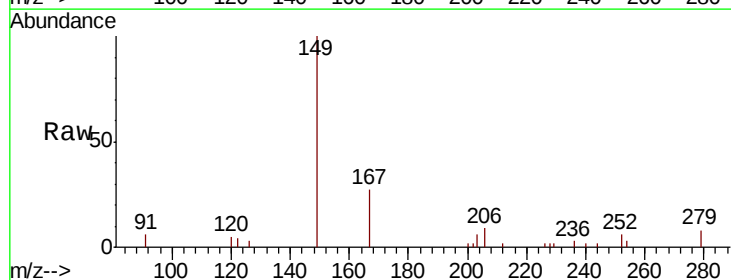
Tgt Ion:149 Resp: 3272

Ion Ratio Lower Upper

149 100

167 27.7 24.1 36.1

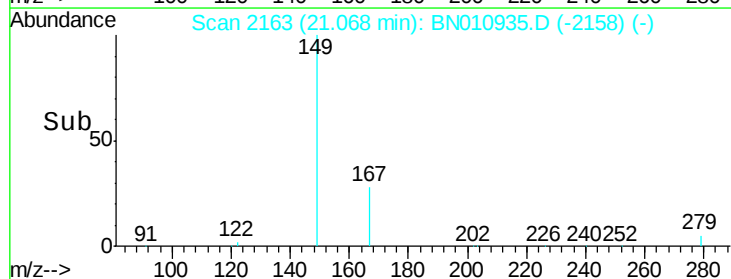
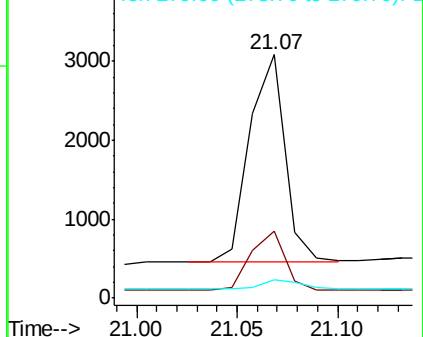
279 4.4 4.6 7.0#

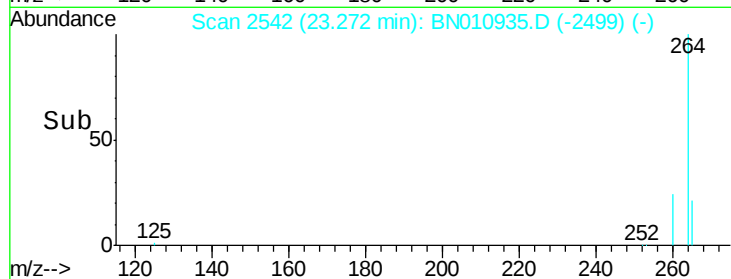
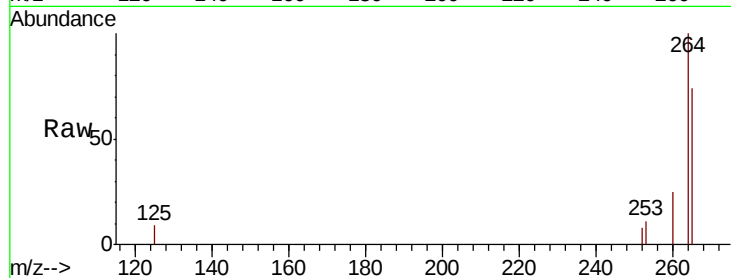


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010935.D

Acq: 17 Jun 2020 09:17

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200609DL

Tot Ion: 264 Resp: 9501

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 73.6 75.0 112.4#

