

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\
 Data File : BN010946.D
 Acq On : 17 Jun 2020 18:23
 Operator : CG/JU
 Sample : L2988-03DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200608DL

Quant Time: Jun 17 18:54:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

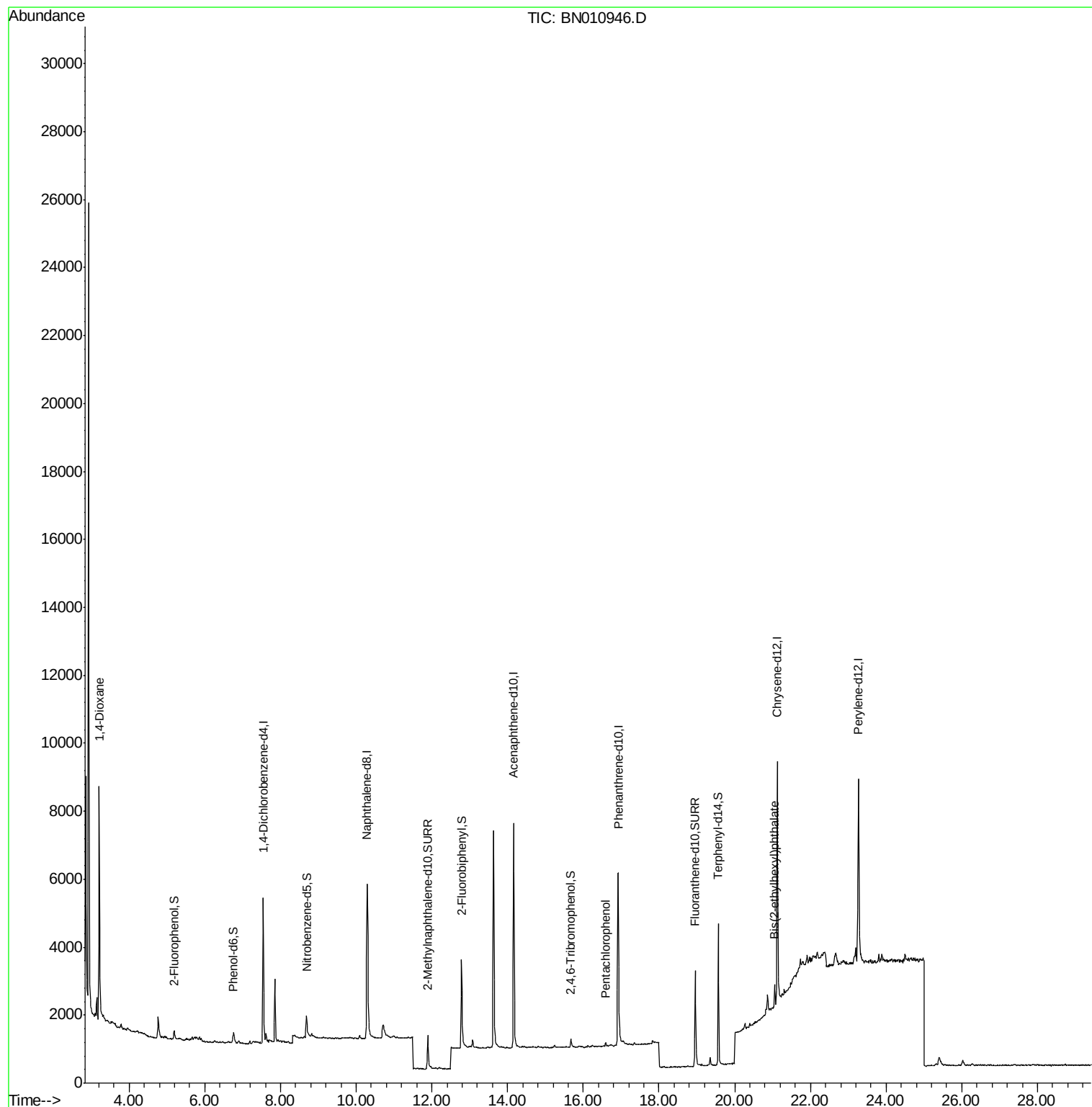
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2243	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7638	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4185	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10009	0.40	ng	0.01
27) Chrysene-d12	21.12	240	7809	0.40	ng	0.00
34) Perylene-d12	23.27	264	8091	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	285	0.07	ng	0.00
5) Phenol-d6	6.74	99	190	0.04	ng	0.00
8) Nitrobenzene-d5	8.69	82	1001	0.18	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	1777	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	275	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	2887	0.17	ng	0.00
25) Fluoranthene-d10	18.95	212	4096	0.15	ng	0.00
29) Terphenyl-d14	19.56	244	4652	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	5588	2.543	ng	99
22) Pentachlorophenol	16.59	266	84	0.040	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.06	149	666	0.087	ng	95

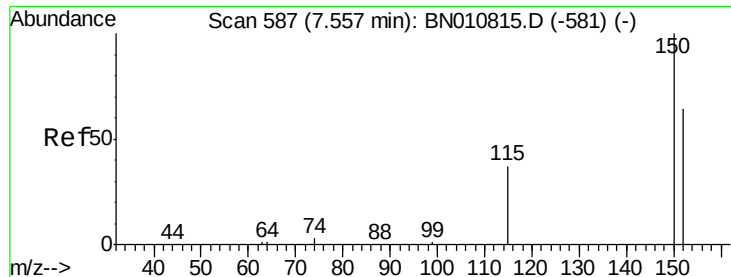
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



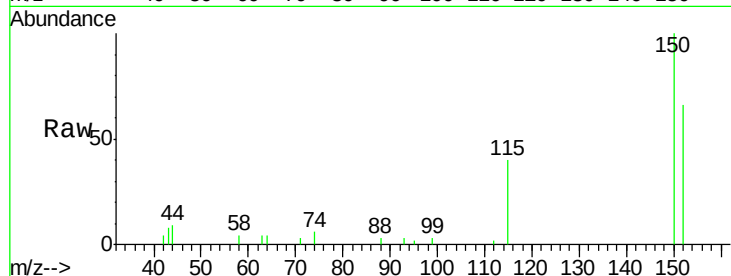


#1

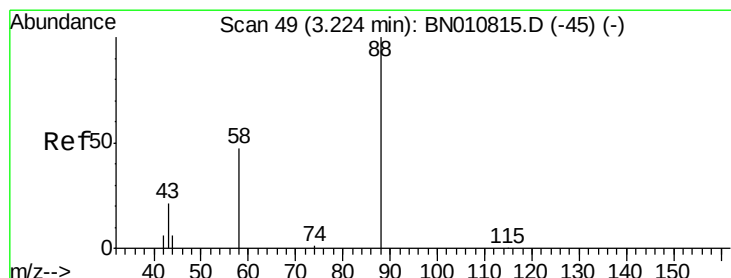
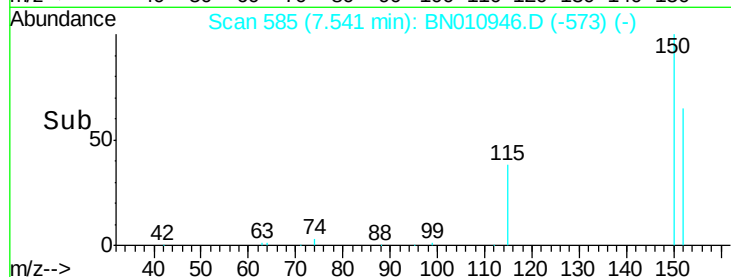
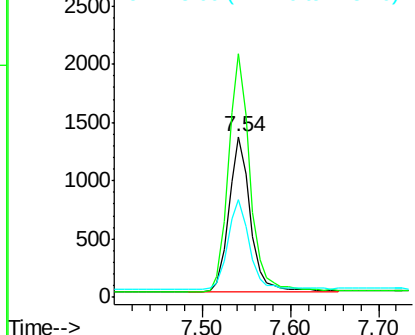
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.00 min
Lab File: BN010946.D
Acq: 17 Jun 2020 18:23

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608DL

Tot Ion:152 Resp: 2243
Ion Ratio Lower Upper
152 100
150 151.6 123.8 185.6
115 61.1 49.2 73.8



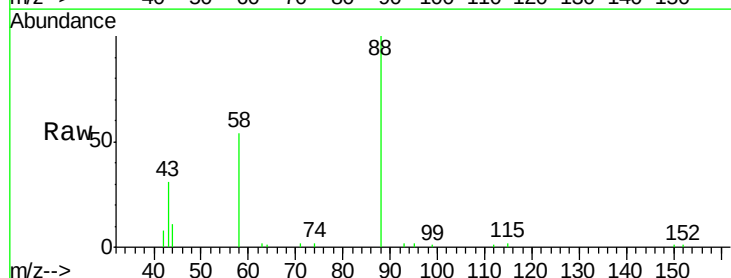
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



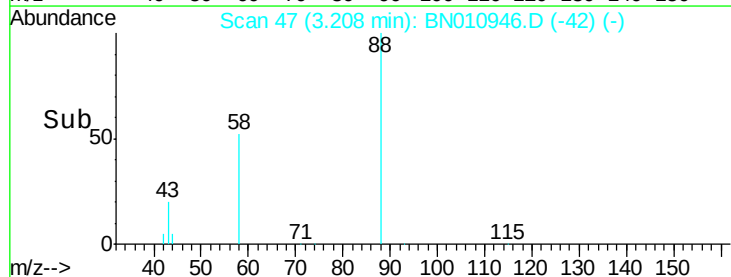
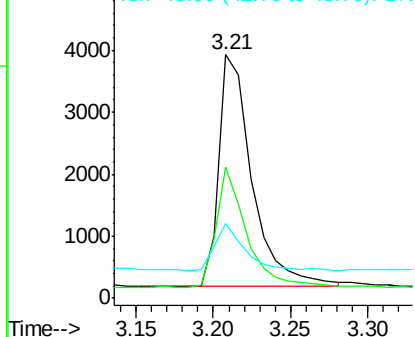
#2

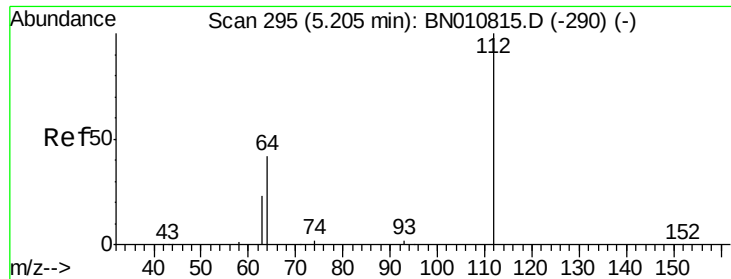
1,4-Dioxane
Concen: 2.543 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010946.D
Acq: 17 Jun 2020 18:23

Tgt Ion: 88 Resp: 5588
Ion Ratio Lower Upper
88 100
58 48.5 38.2 57.4
43 18.4 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.066 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.01 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

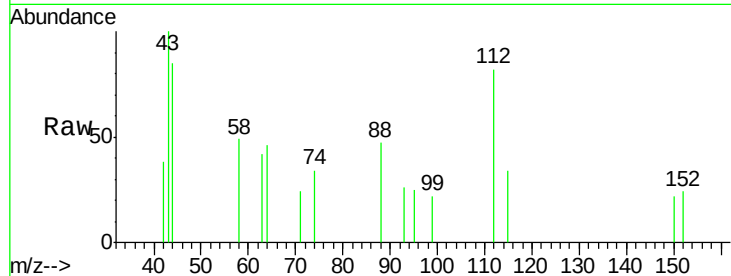
Tot Ion: 112 Resp: 285

Ion Ratio Lower Upper

112 100

64 48.8 37.4 56.0

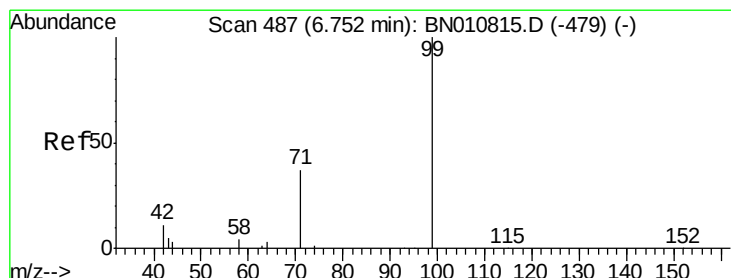
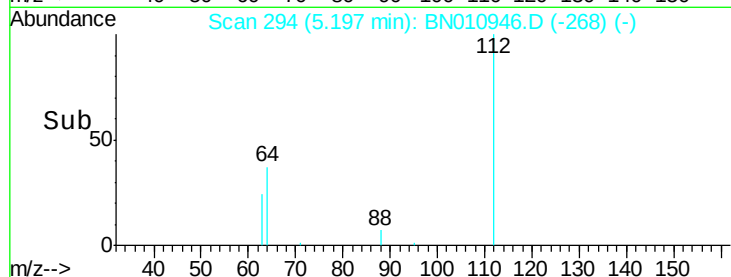
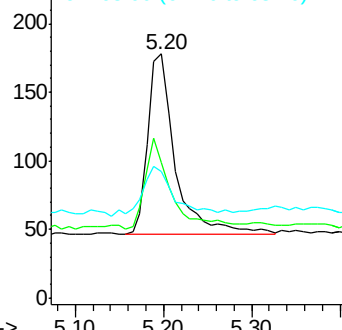
63 33.0 22.2 33.4



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: 0.037 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

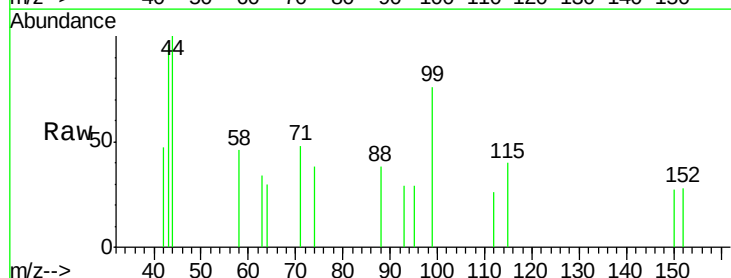
Tgt Ion: 99 Resp: 190

Ion Ratio Lower Upper

99 100

42 22.6 11.1 16.7#

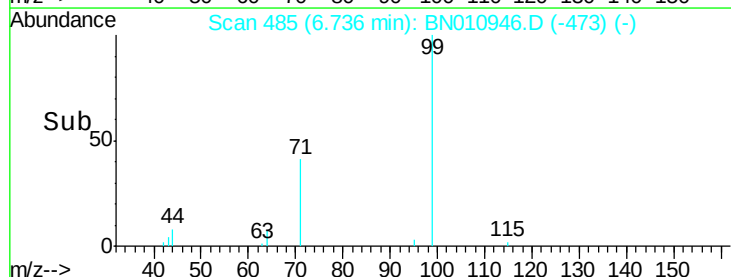
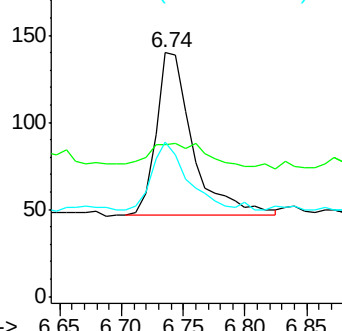
71 40.0 31.4 47.2

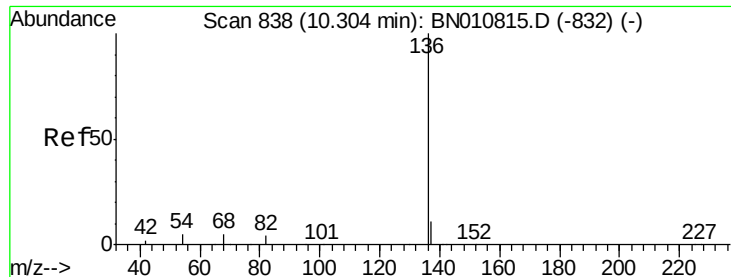


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

Tot Ion:136 Resp: 7638

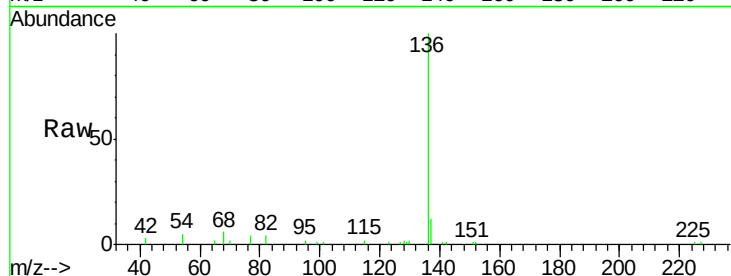
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.2 4.9 7.3

68 5.9 4.7 7.1

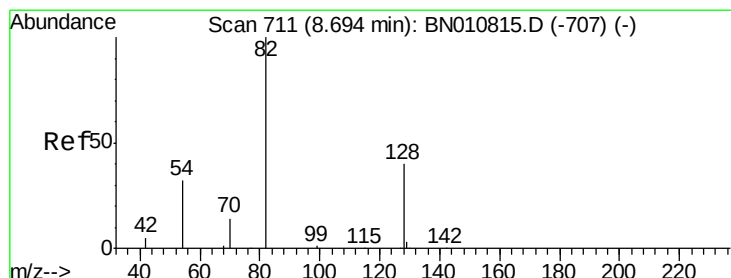
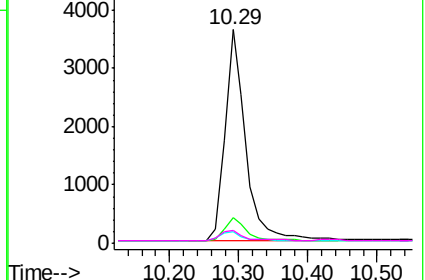
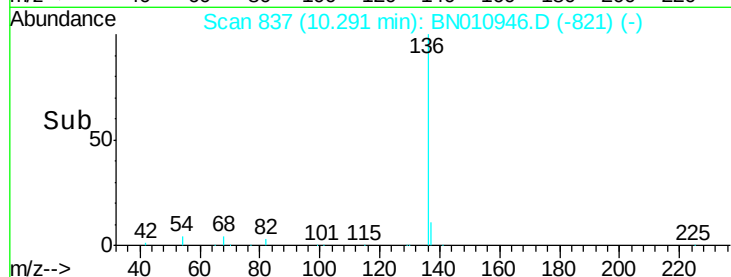


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.177 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.01 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

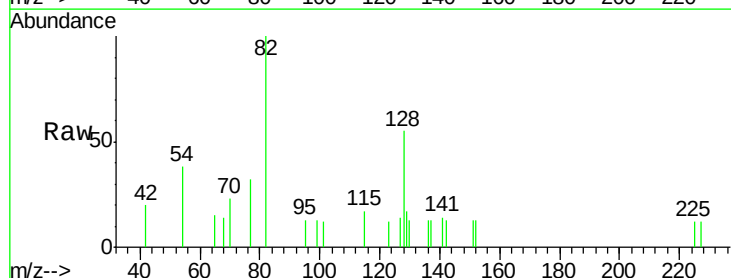
Tgt Ion: 82 Resp: 1001

Ion Ratio Lower Upper

82 100

128 54.6 35.4 53.0#

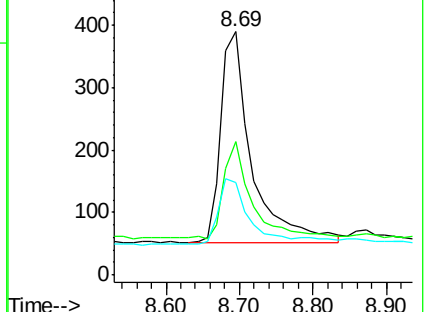
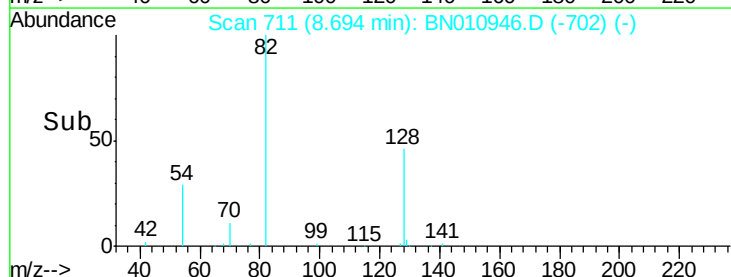
54 37.9 28.2 42.4

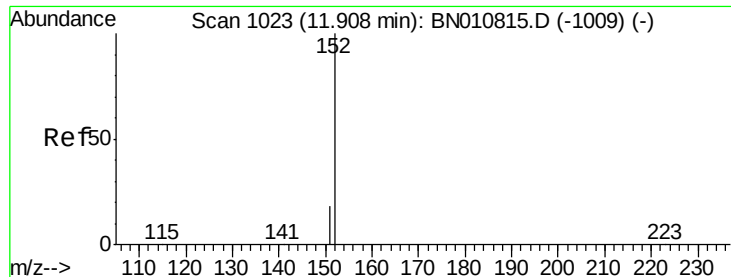


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

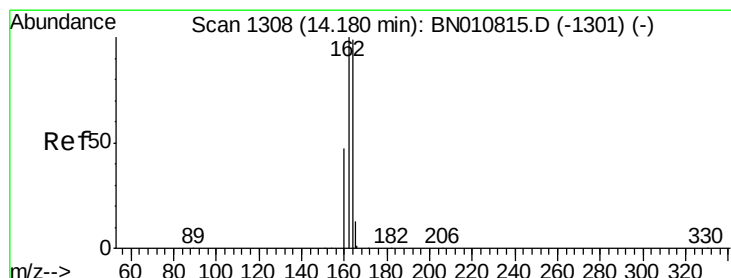
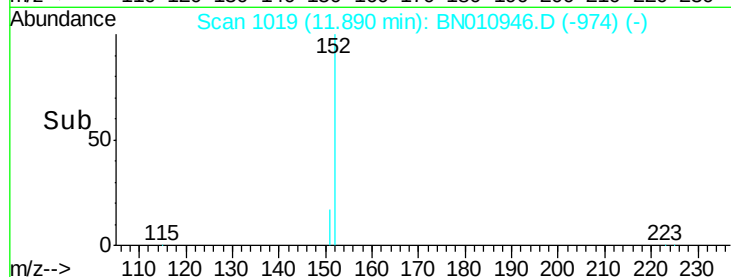
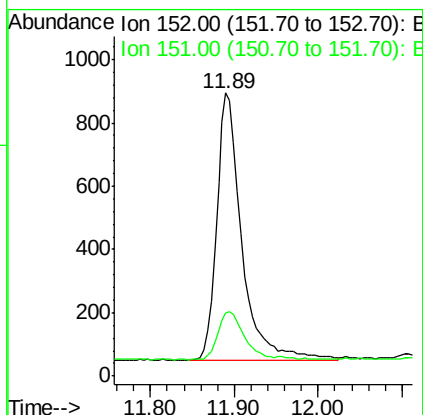
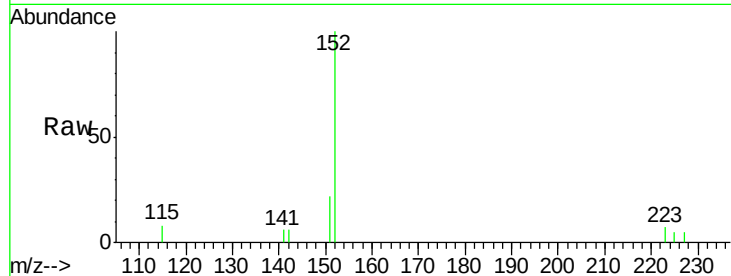




#11
2-Methylnaphthalene-d10
Concen: 0.150 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010946.D
Acq: 17 Jun 2020 18:23

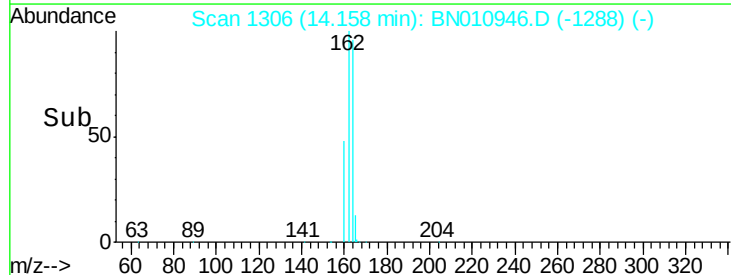
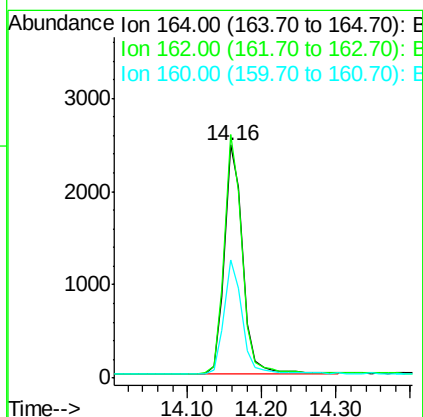
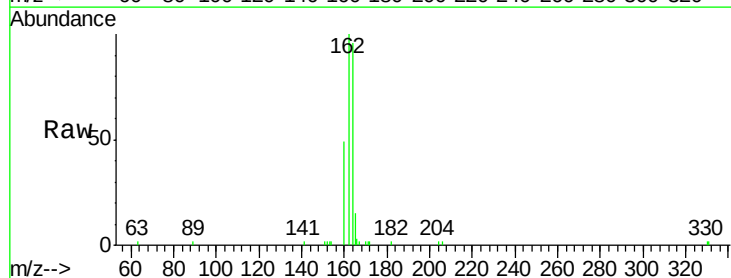
Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608DL

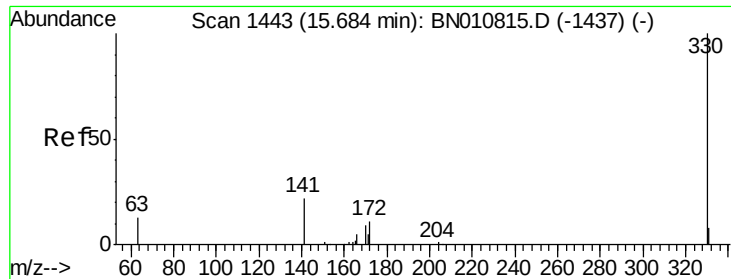
Tot Ion:152 Resp: 1777
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010946.D
Acq: 17 Jun 2020 18:23

Tgt Ion:164 Resp: 4185
Ion Ratio Lower Upper
164 100
162 104.4 81.0 121.6
160 50.9 38.9 58.3





#14

2,4,6-Tribromophenol

Concen: 0.184 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

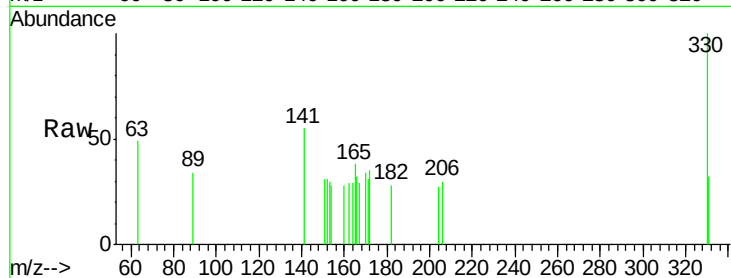
Tot Ion:330 Resp: 275

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

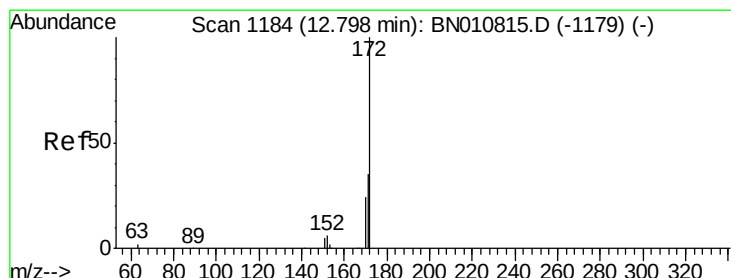
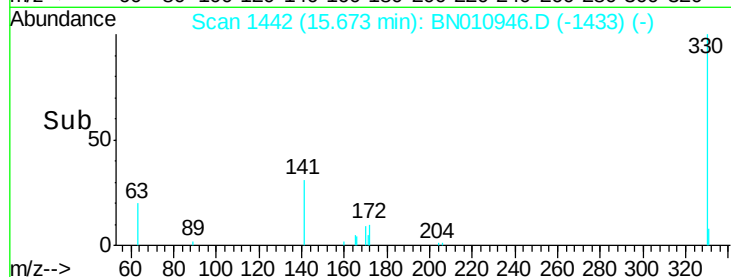
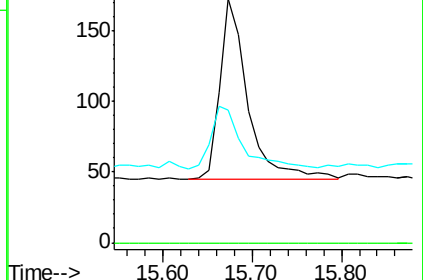
141 40.4 33.2 49.8



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: 0.175 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

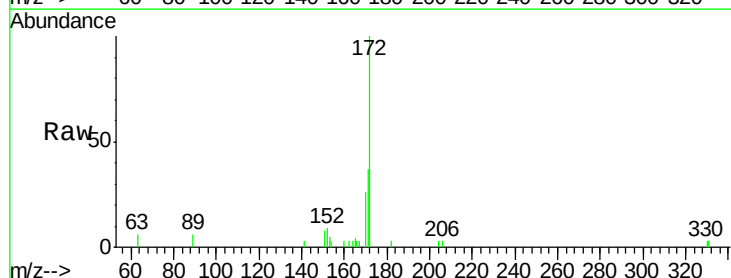
Tgt Ion:172 Resp: 2887

Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

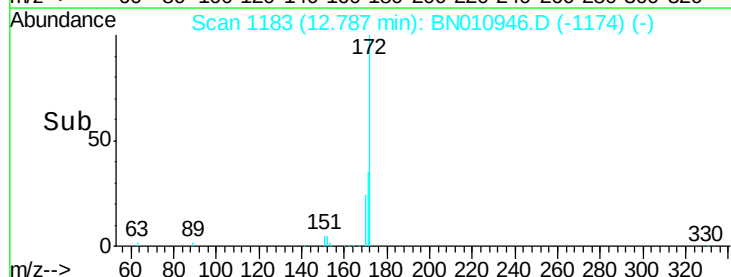
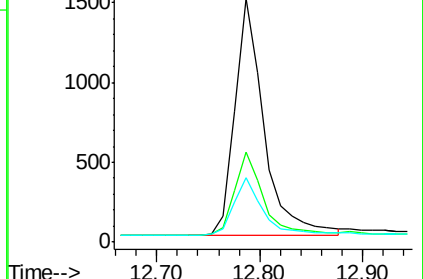
170 26.3 19.7 29.5

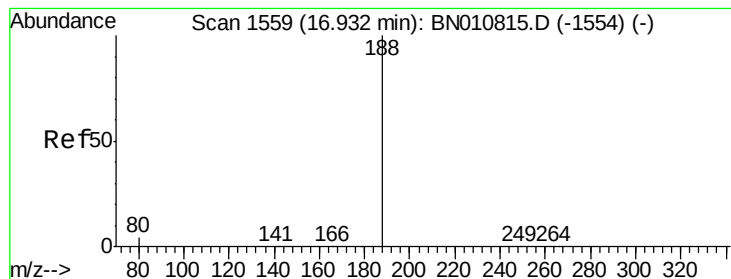


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

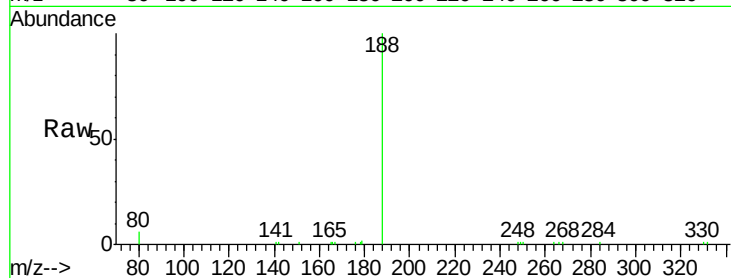
Tot Ion:188 Resp: 10009

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

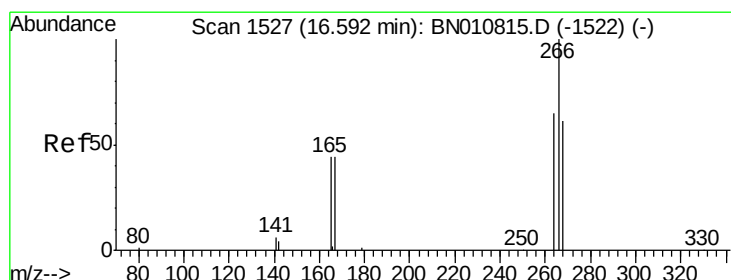
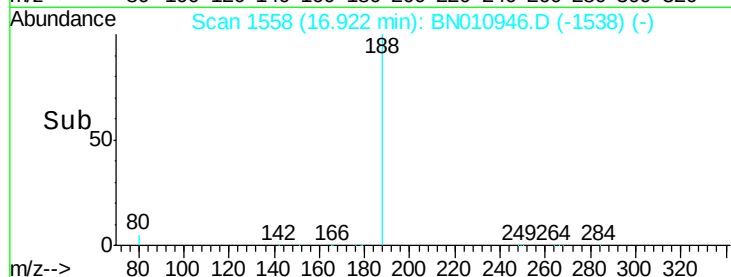
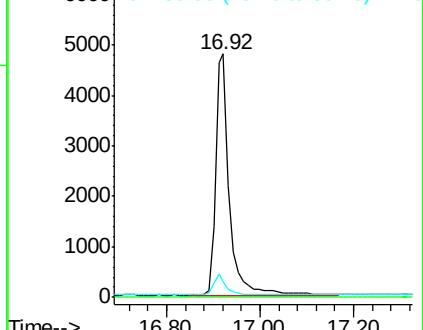
80 6.4 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#22

Pentachlorophenol

Concen: 0.040 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

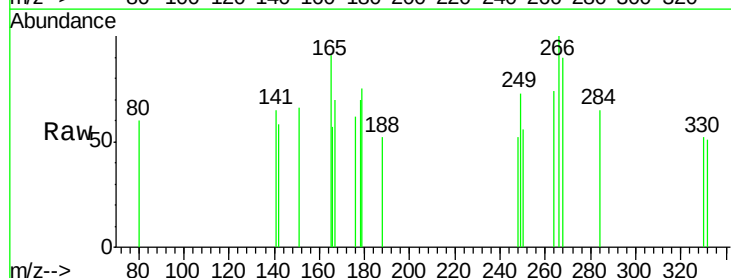
Tgt Ion:266 Resp: 84

Ion Ratio Lower Upper

266 100

264 74.2 54.8 82.2

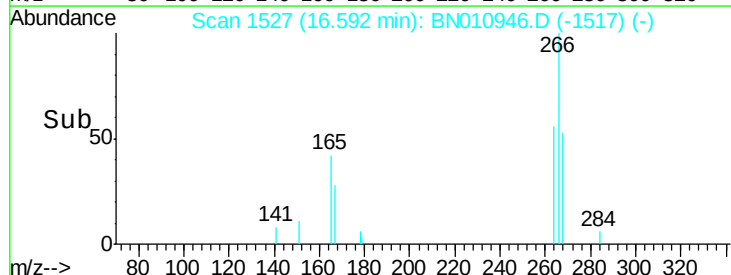
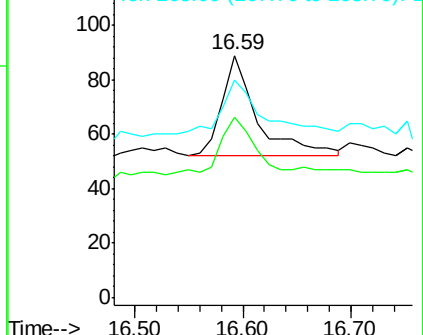
268 89.9 55.9 83.9#

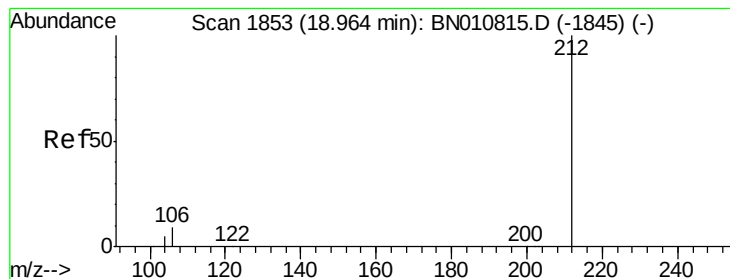


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.148 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

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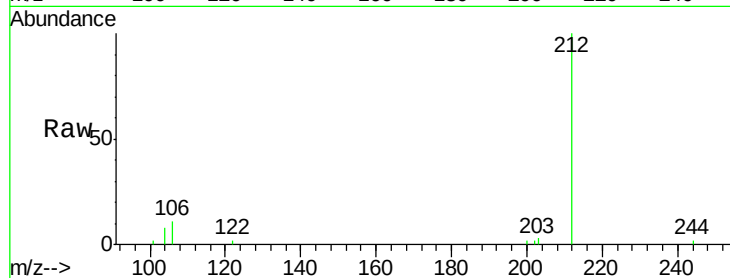
Tot Ion:212 Resp: 4096

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

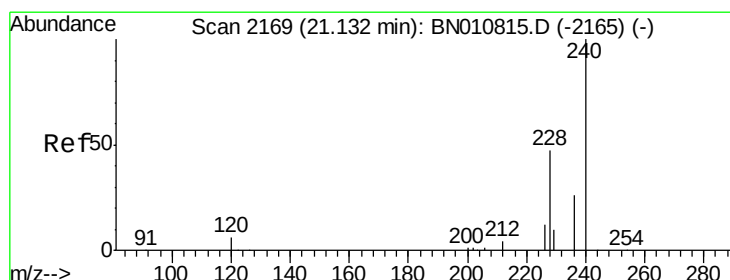
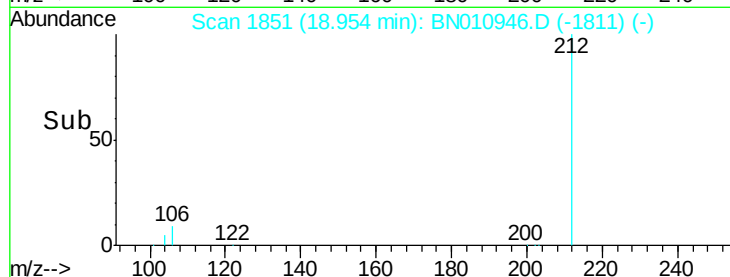
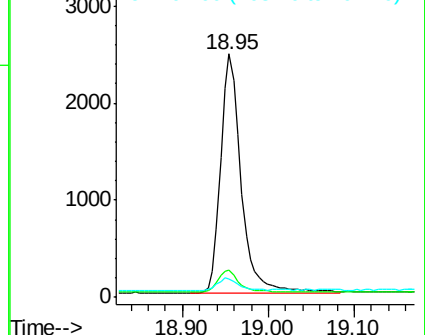
104 5.3 4.0 6.0



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. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

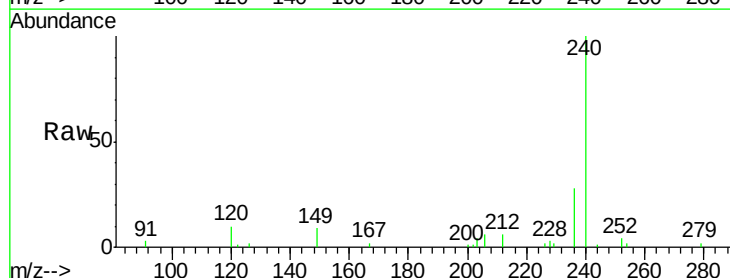
Tgt Ion:240 Resp: 7809

Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

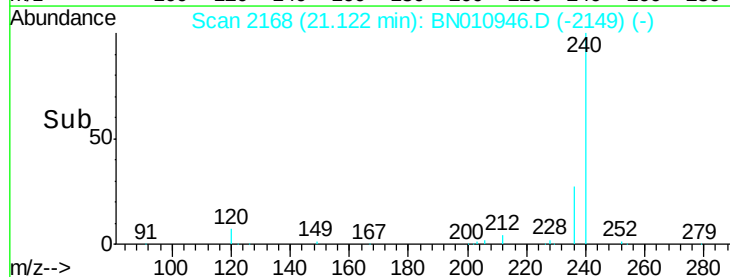
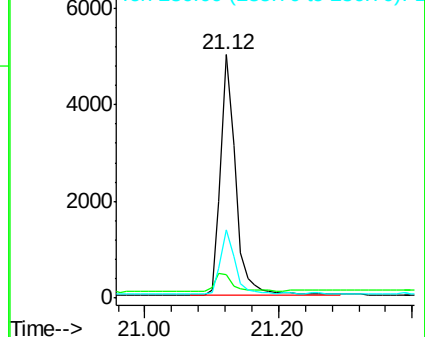
236 28.1 22.3 33.5

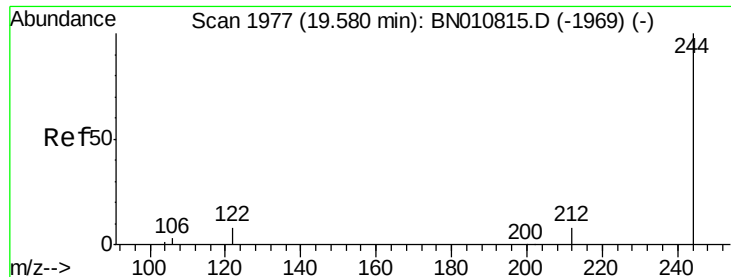


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.255 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

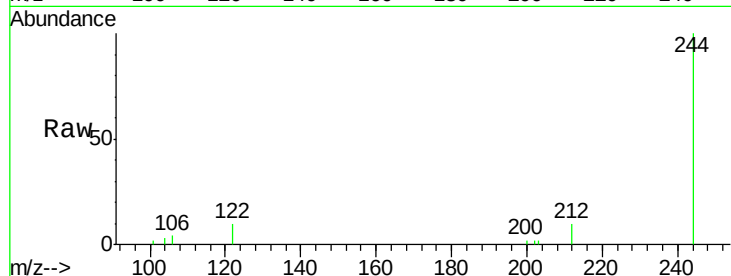
Tot Ion:244 Resp: 4652

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.2

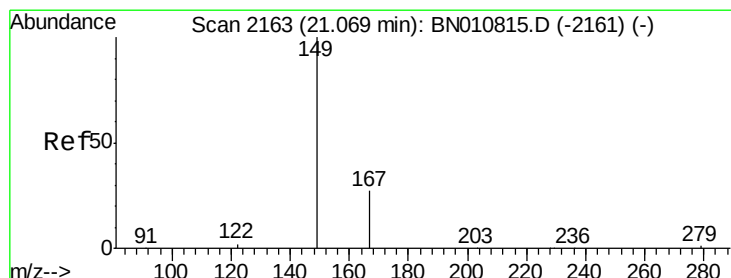
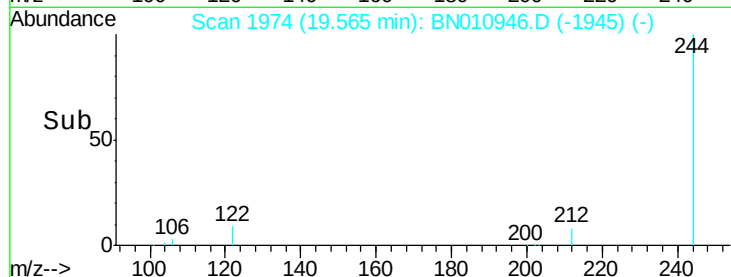
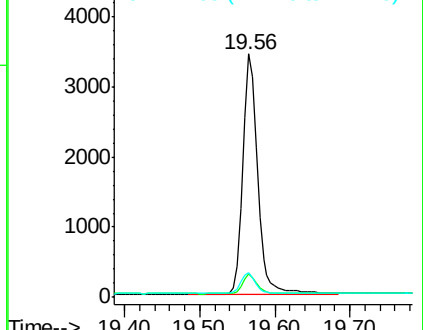
122 10.2 7.5 11.3



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: 0.087 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

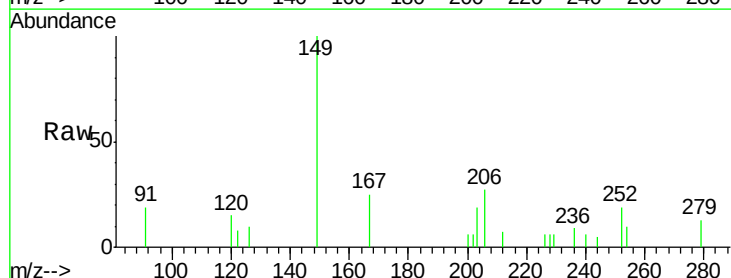
Tgt Ion:149 Resp: 666

Ion Ratio Lower Upper

149 100

167 27.0 24.1 36.1

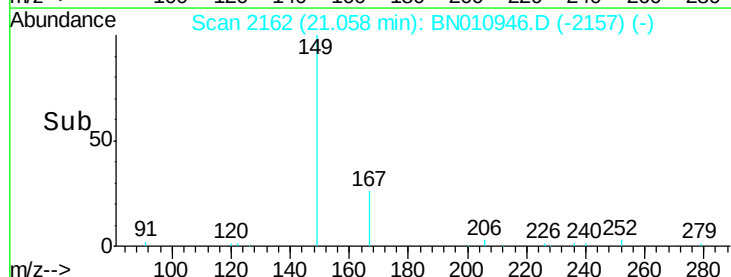
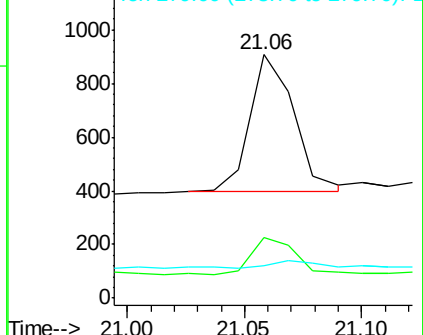
279 5.7 4.6 7.0

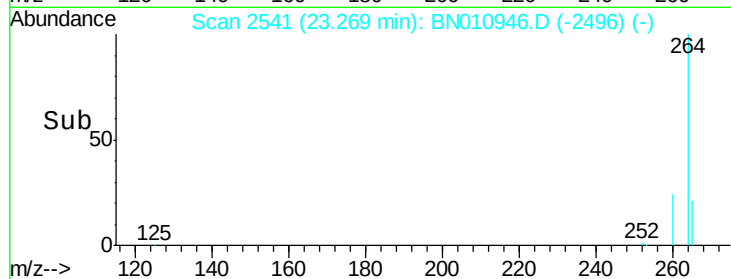
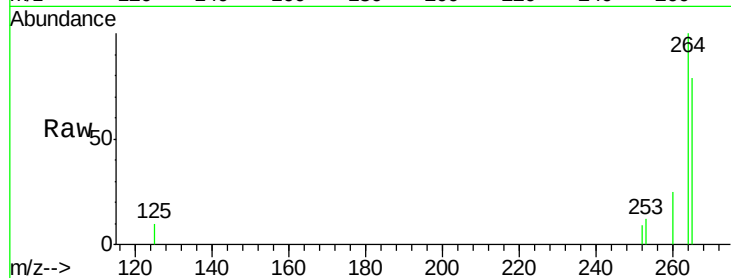
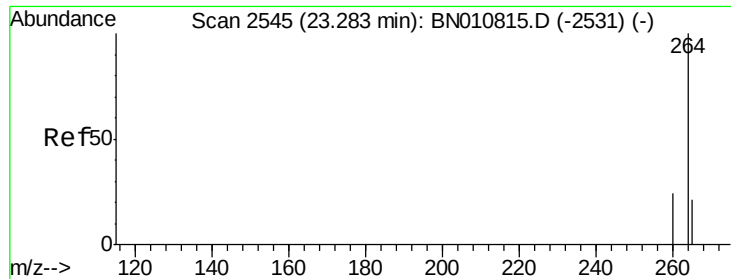


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2541

Delta R.T. 0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

Tot Ion:264 Resp: 8091

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

265 78.7 75.0 112.4

