

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010971.D
 Acq On : 19 Jun 2020 15:47
 Operator : CG/JU
 Sample : L3043-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20200616

Quant Time: Jun 19 16:21:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

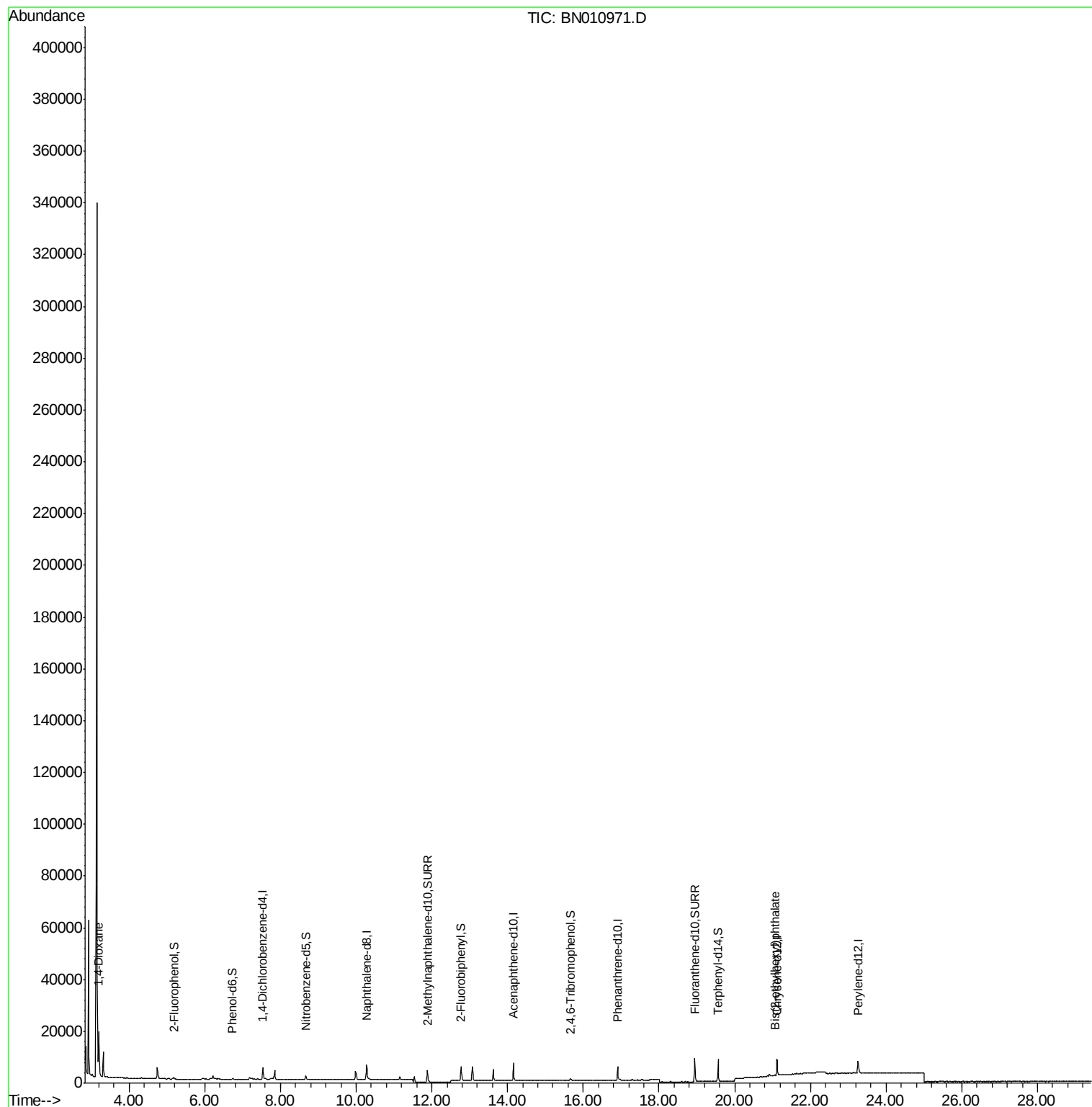
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2249	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7116	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3880	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8102	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8016	0.40	ng	0.00
34) Perylene-d12	23.26	264	7163	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	570	0.13	ng	0.00
5) Phenol-d6	6.73	99	403	0.08	ng	0.00
8) Nitrobenzene-d5	8.67	82	1834	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4422	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	479	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	5196	0.34	ng	0.00
25) Fluoranthene-d10	18.95	212	11607	0.52	ng	0.00
29) Terphenyl-d14	19.56	244	9164	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	11292	5.126	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	526	0.067	ng	# 92

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

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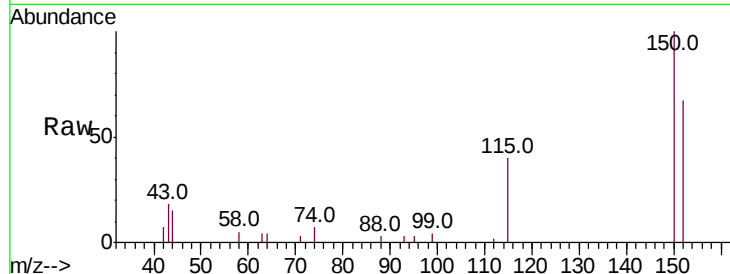


#1

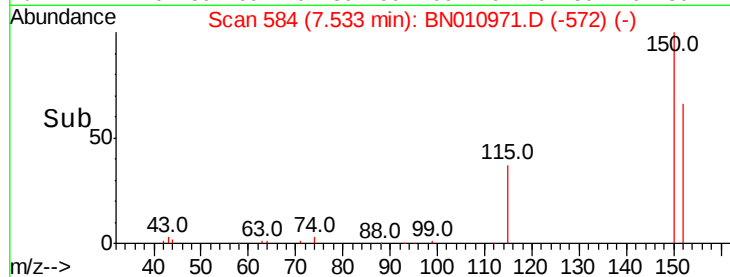
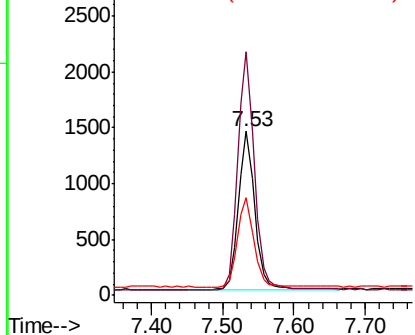
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN010971.D
Acq: 19 Jun 2020 15:47

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200616

Tot Ion:152 Resp: 2249
Ion Ratio Lower Upper
152 100
150 148.6 123.8 185.6
115 59.8 49.2 73.8



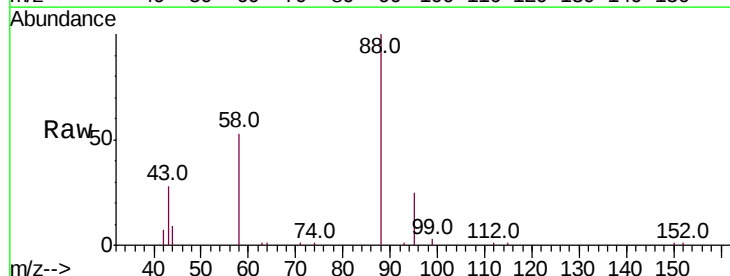
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



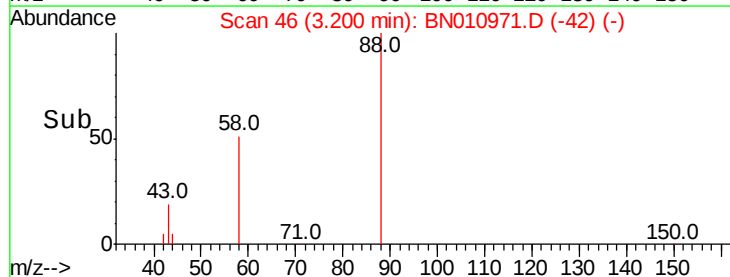
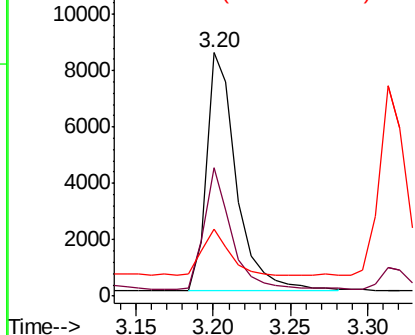
#2

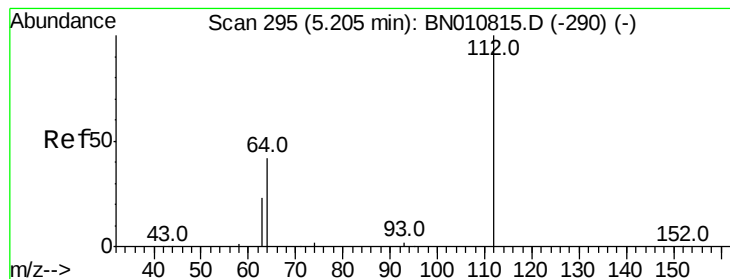
1,4-Dioxane
Concen: 5.126 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN010971.D
Acq: 19 Jun 2020 15:47

Tgt Ion: 88 Resp: 11292
Ion Ratio Lower Upper
88 100
58 45.4 38.2 57.4
43 18.1 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: 0.131 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616

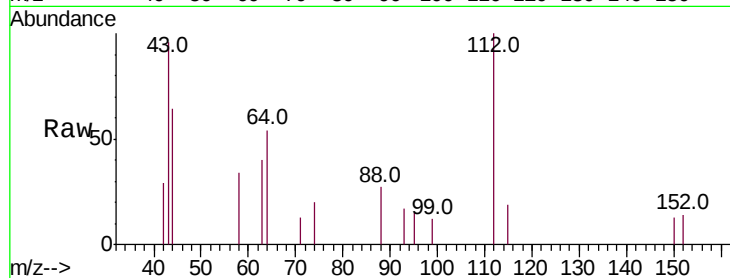
Tot Ion:112 Resp: 570

Ion Ratio Lower Upper

112 100

64 48.6 37.4 56.0

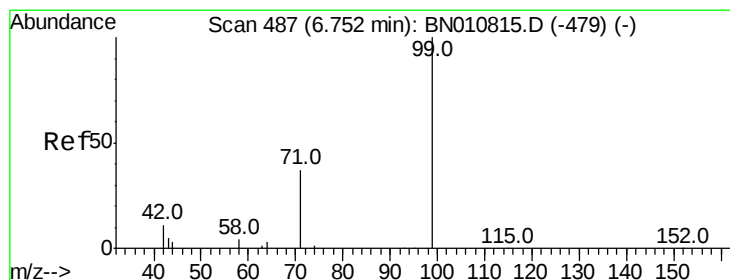
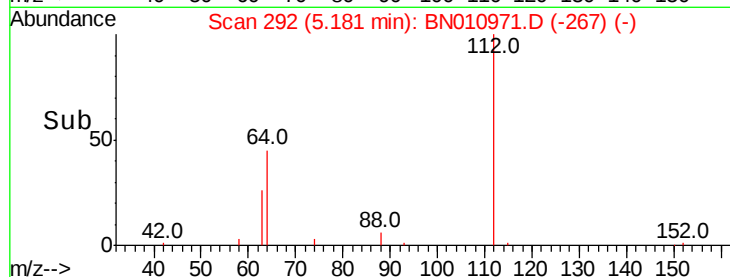
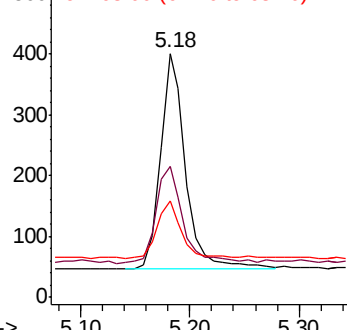
63 26.3 22.2 33.4



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: 0.079 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

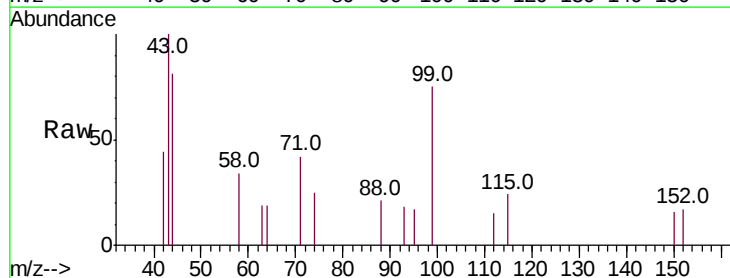
Tgt Ion: 99 Resp: 403

Ion Ratio Lower Upper

99 100

42 19.4 11.1 16.7#

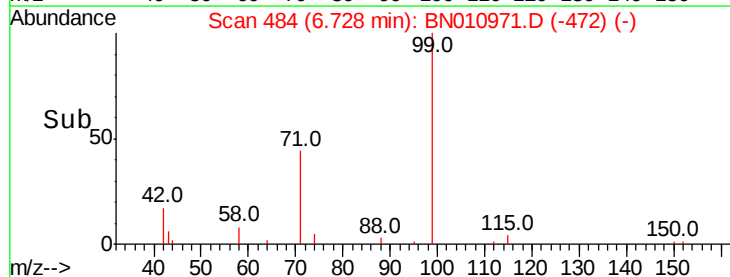
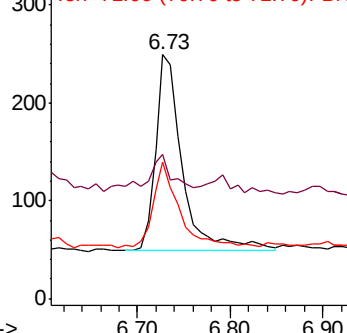
71 43.4 31.4 47.2

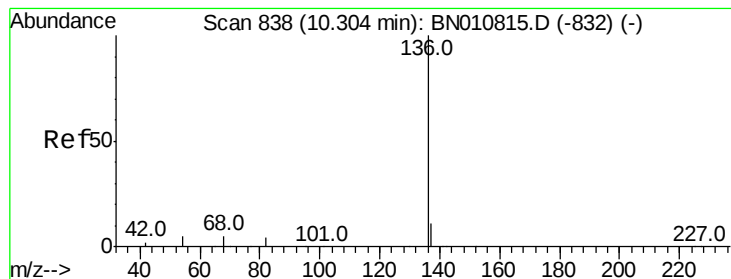


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616

Tot Ion:136 Resp: 7116

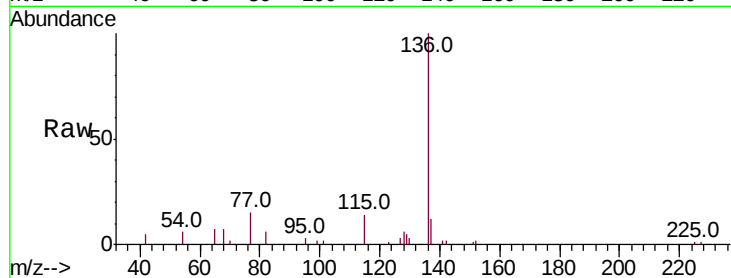
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 6.3 4.9 7.3

68 7.0 4.7 7.1

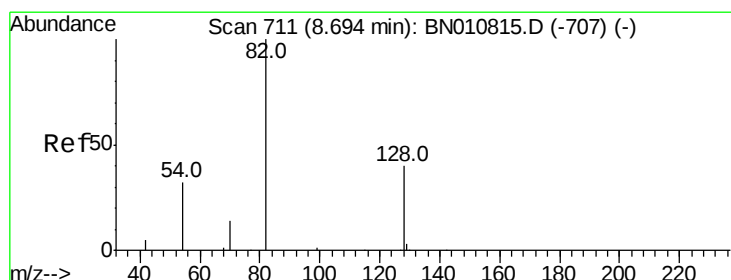
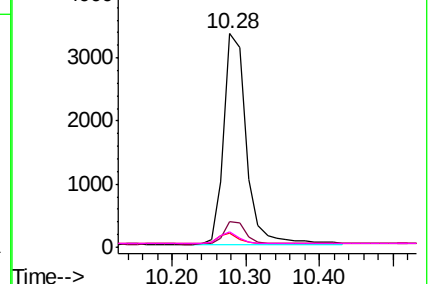
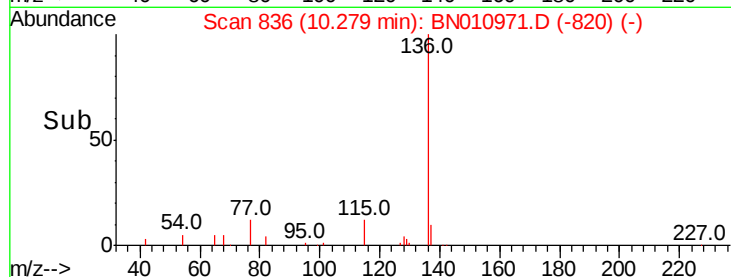


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

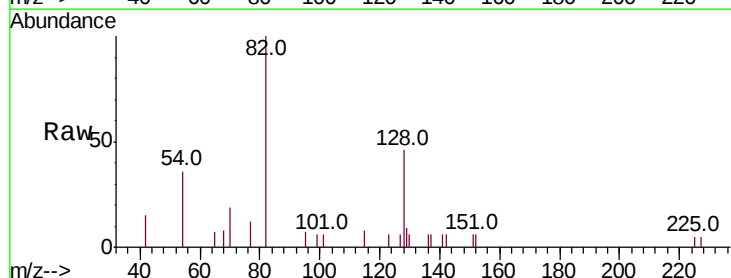
Tgt Ion: 82 Resp: 1834

Ion Ratio Lower Upper

82 100

128 45.5 35.4 53.0

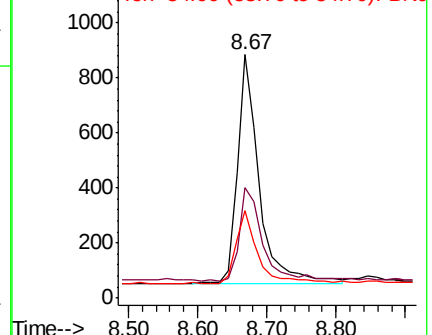
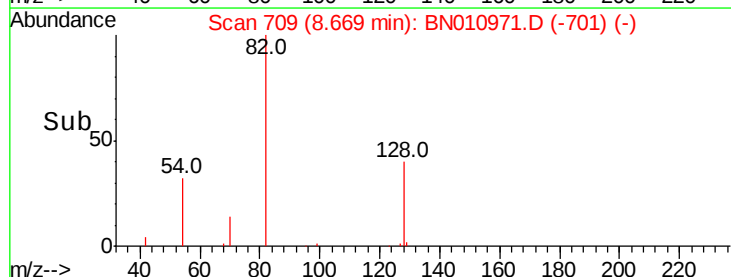
54 35.9 28.2 42.4

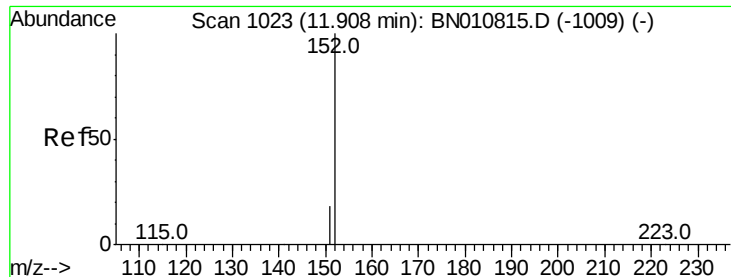


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.88 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

Instrument :

BNA_N

ClientSampleId :

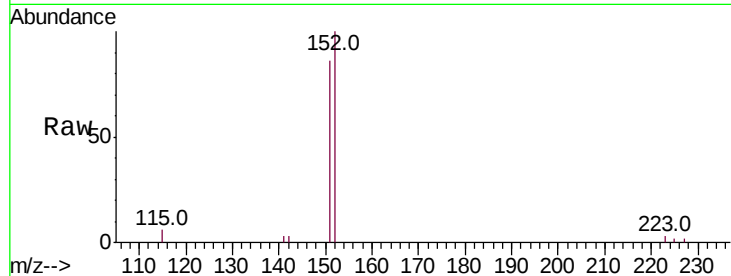
RE103D1-20200616

Tot Ion:152 Resp: 4422

Ion Ratio Lower Upper

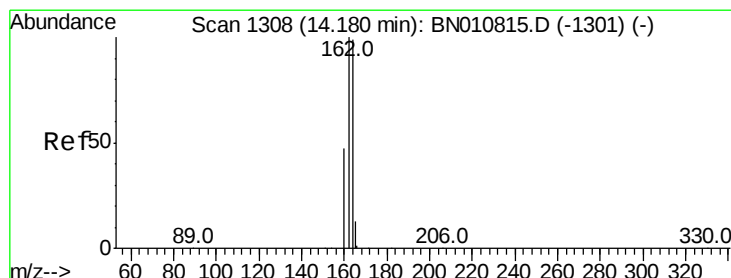
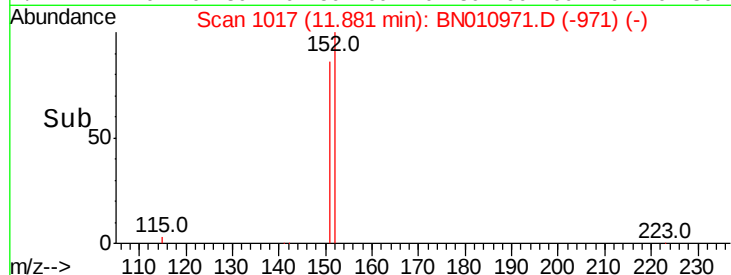
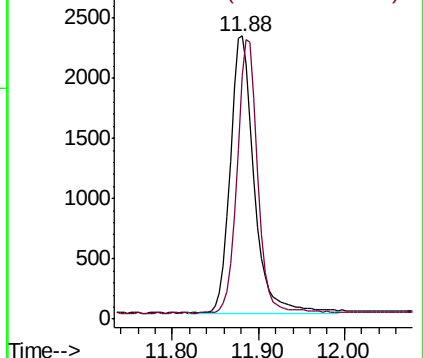
152 100

151 84.4 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

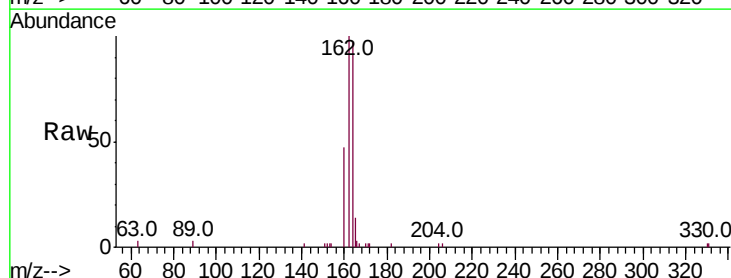
Tgt Ion:164 Resp: 3880

Ion Ratio Lower Upper

164 100

162 103.3 81.0 121.6

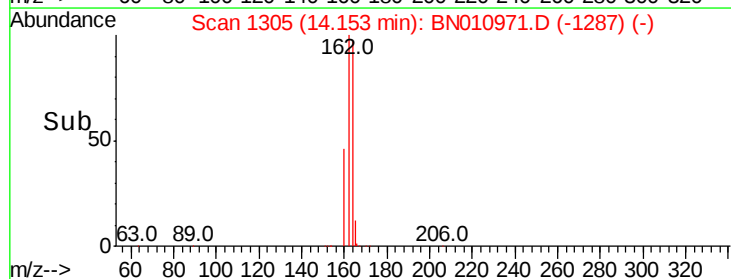
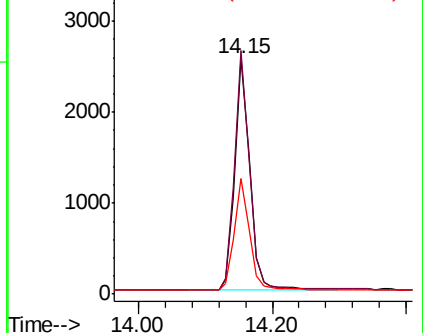
160 48.9 38.9 58.3

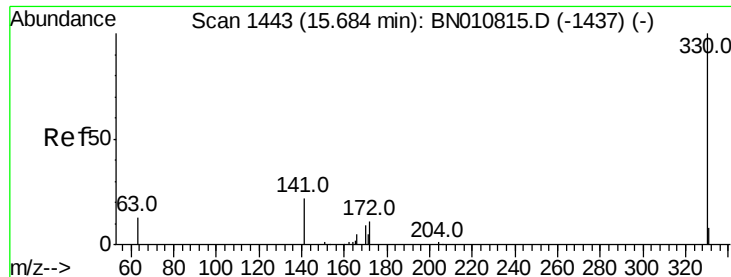


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

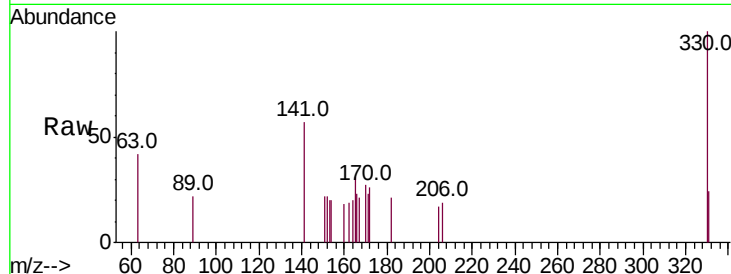




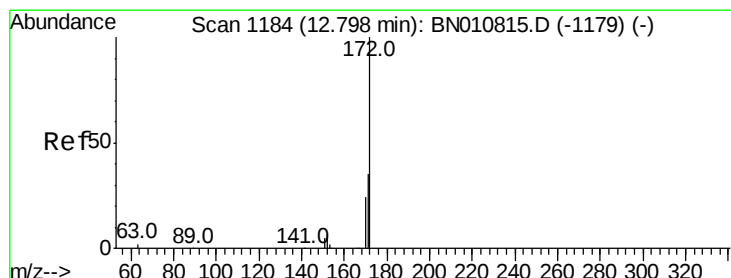
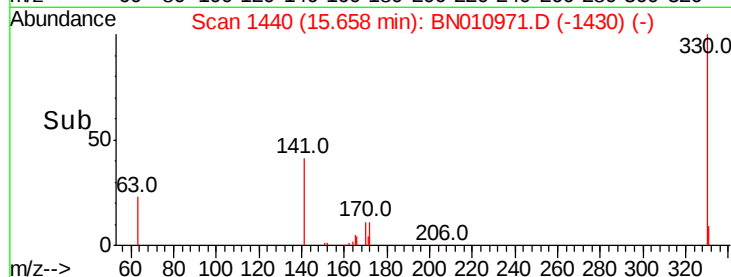
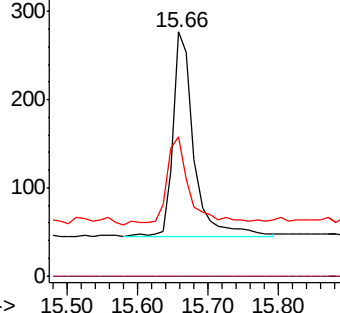
#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.66 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BN010971.D
Acq: 19 Jun 2020 15:47

Instrument :
BNA_N
ClientSampleId :
RE103D1-20200616

Tot Ion:330 Resp: 479
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 52.4 33.2 49.8#

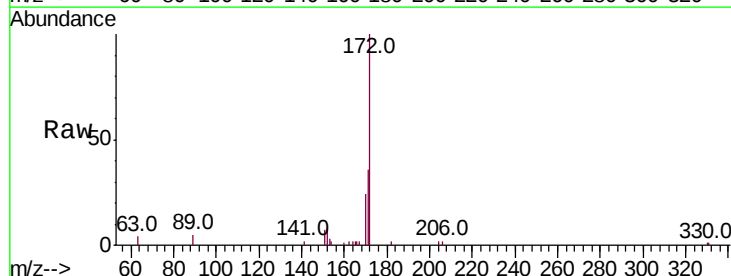


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

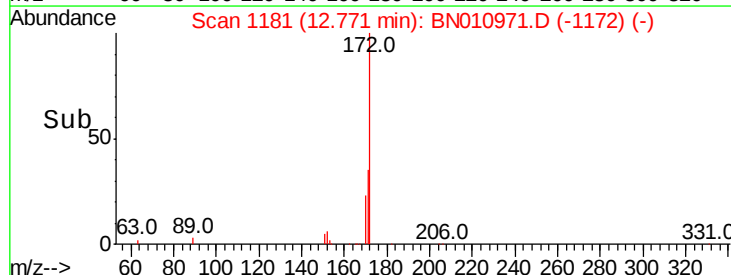
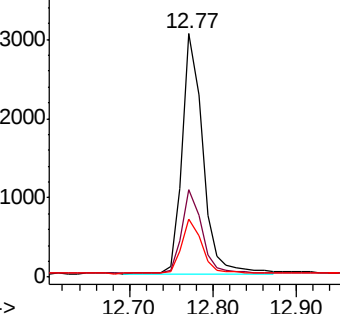


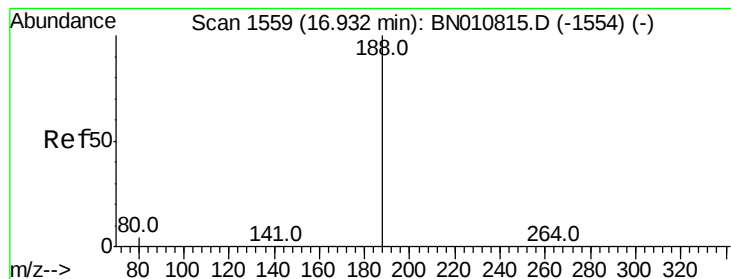
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN010971.D
Acq: 19 Jun 2020 15:47

Tgt Ion:172 Resp: 5196
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.0 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: 16.91 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616

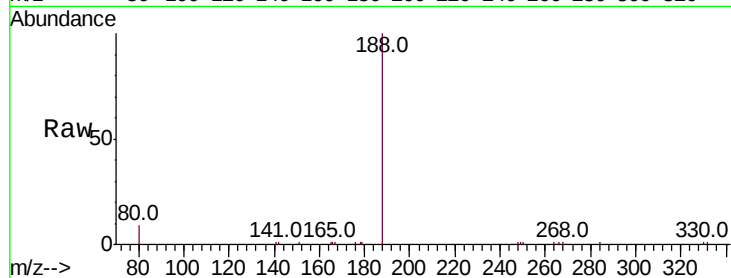
Tot Ion:188 Resp: 8102

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

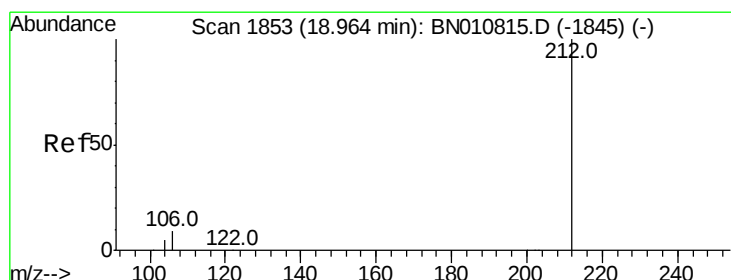
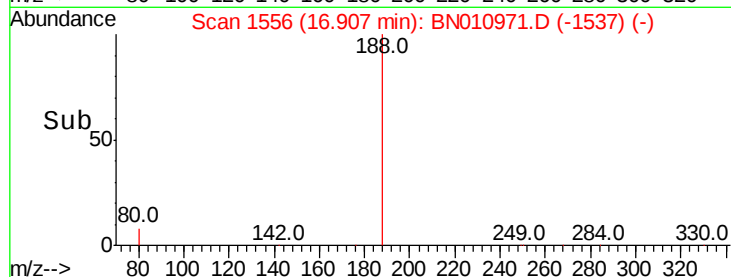
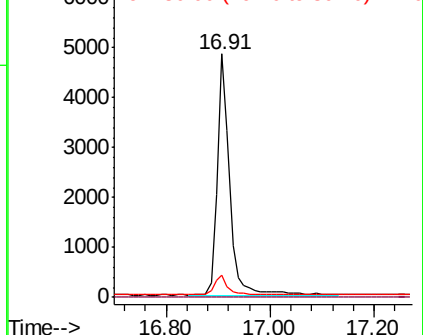
80 9.0 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.519 ng

RT: 18.95 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

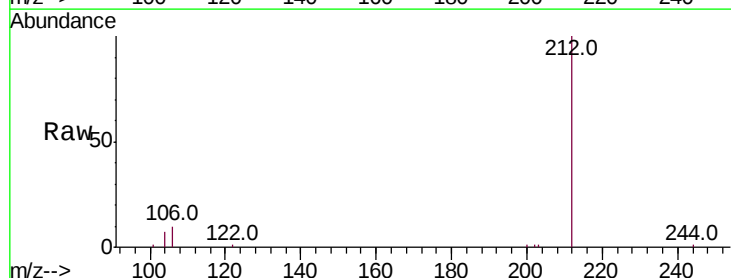
Tgt Ion:212 Resp: 11607

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

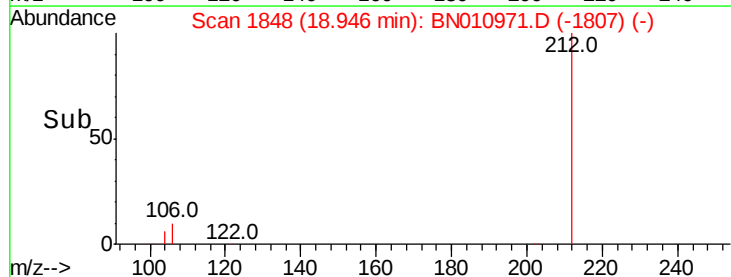
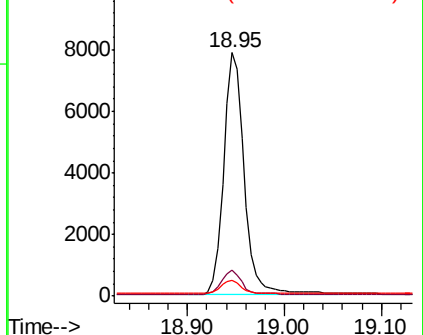
104 5.6 4.0 6.0

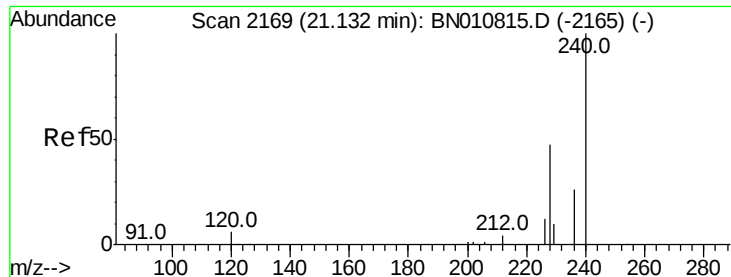


Abundance Ion 212.00 (211.70 to 212.70): E

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# 2167

Delta R.T. 0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

Instrument :

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RE103D1-20200616

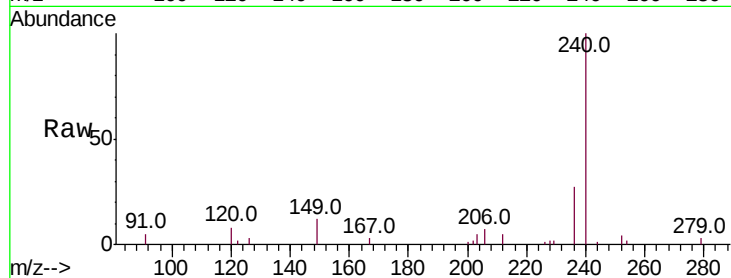
Tot Ion:240 Resp: 8016

Ion Ratio Lower Upper

240 100

120 7.8 7.5 11.3

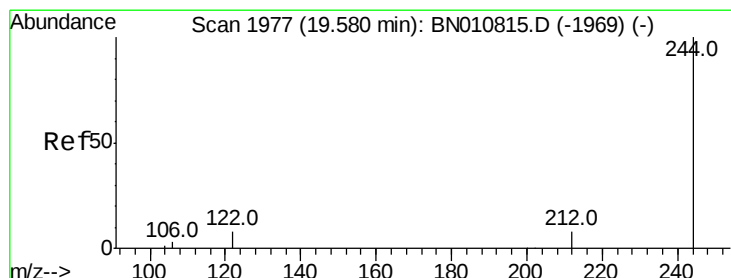
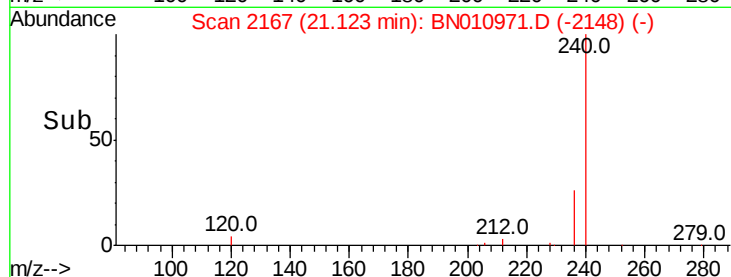
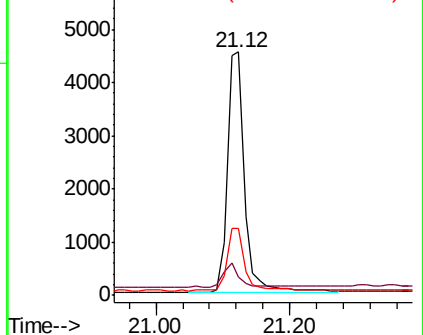
236 27.4 22.3 33.5



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: 0.488 ng

RT: 19.56 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

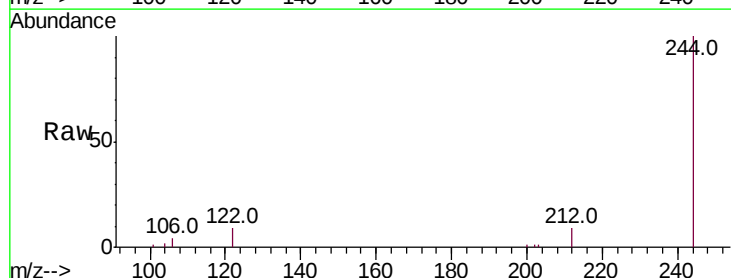
Tgt Ion:244 Resp: 9164

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

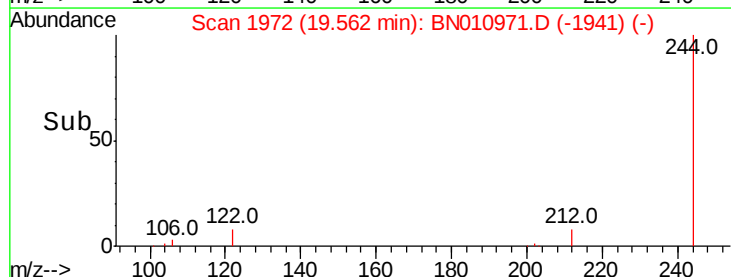
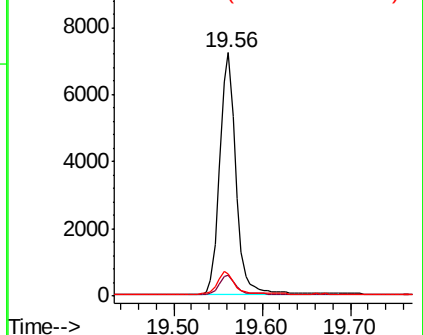
122 9.1 7.5 11.3

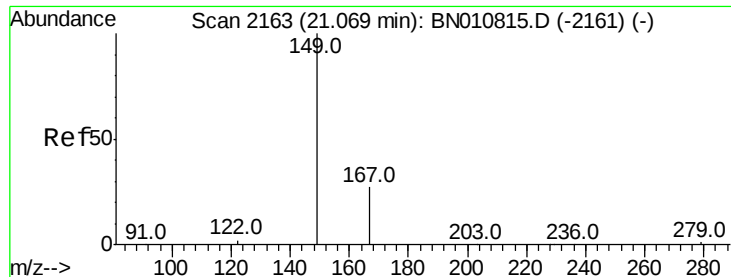


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.067 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

Instrument :

BNA_N

ClientSampleId :

RE103D1-20200616

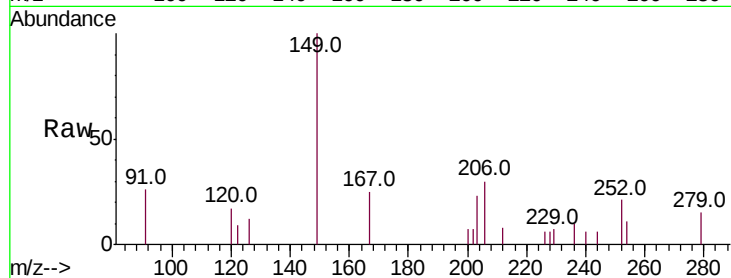
Tot Ion:149 Resp: 526

Ion Ratio Lower Upper

149 100

167 25.9 24.1 36.1

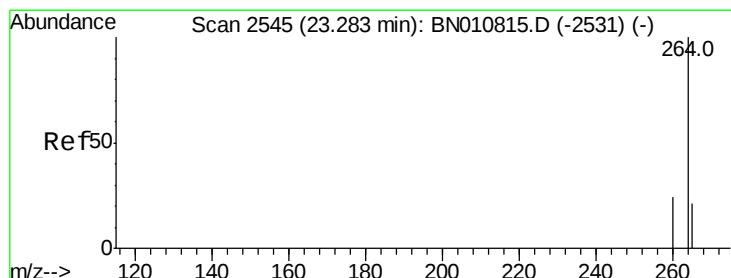
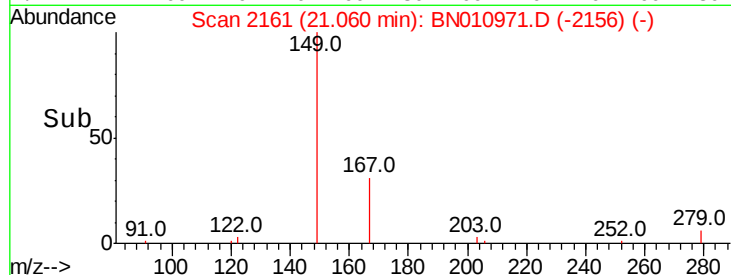
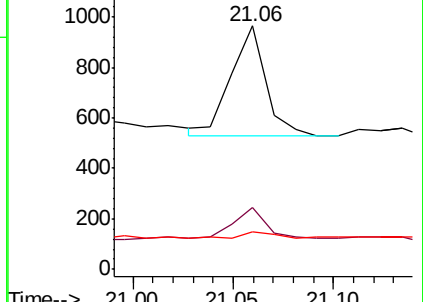
279 9.3 4.6 7.0#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BN010971.D

Acq: 19 Jun 2020 15:47

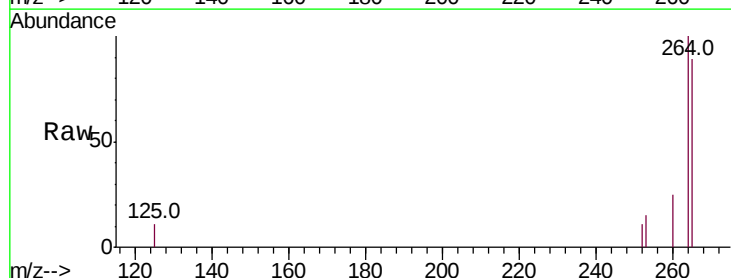
Tgt Ion:264 Resp: 7163

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

265 89.2 75.0 112.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

