

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010343.D
 Acq On : 25 Mar 2020 01:16
 Operator : CG/JU
 Sample : L1997-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20200317

Quant Time: Mar 25 02:41:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

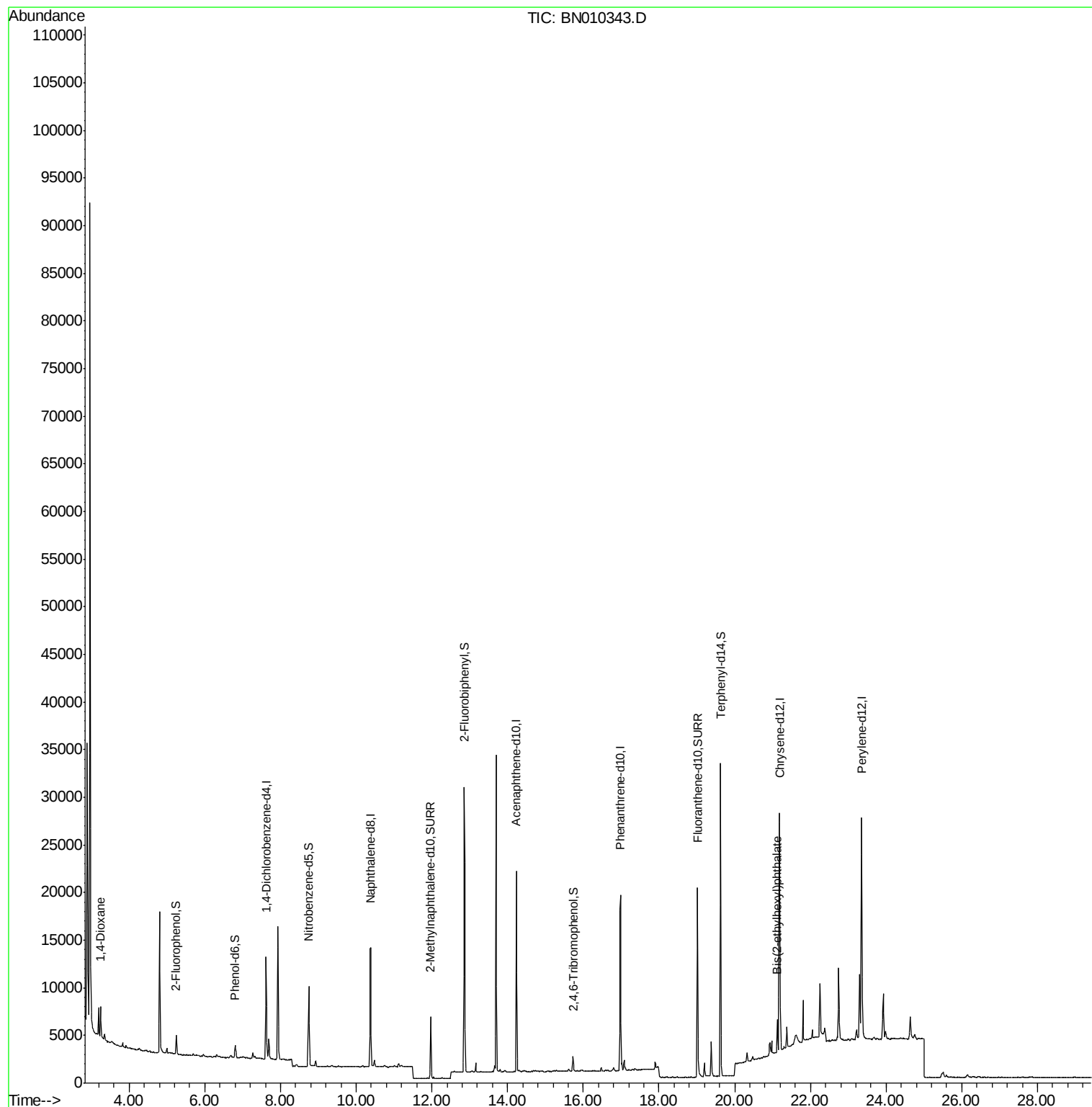
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	5401	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	18985	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	11139	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	26568	0.40	ng	0.00
27) Chrysene-d12	21.19	240	26976	0.40	ng	0.00
34) Perylene-d12	23.35	264	30290	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1664	0.16	ng	0.00
5) Phenol-d6	6.80	99	1266	0.10	ng	0.00
8) Nitrobenzene-d5	8.74	82	6750	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8894	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1259	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	26150	0.61	ng	-0.01
25) Fluoranthene-d10	19.02	212	24469	0.31	ng	0.00
29) Terphenyl-d14	19.63	244	33256	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	2153	0.424	ng	Qvalue # 92
32) Bis(2-ethylhexyl)phthalate	21.12	149	3025	0.104	ng	98

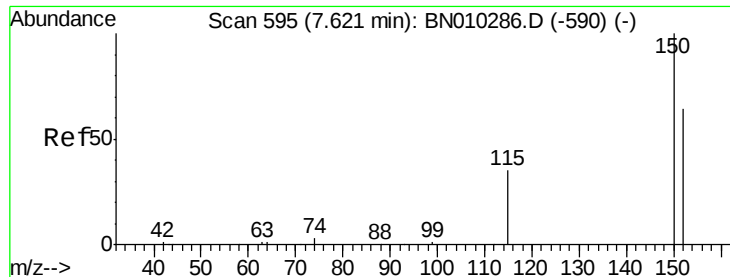
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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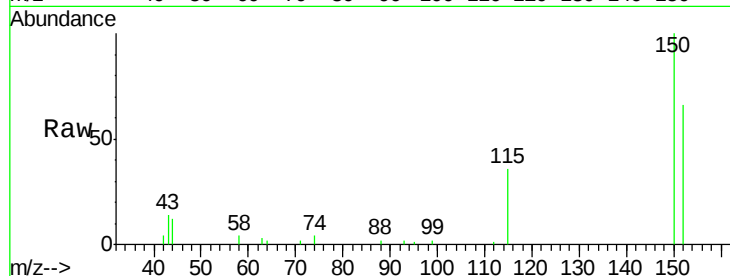


#1

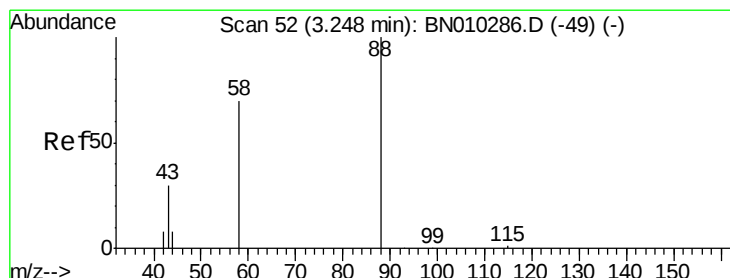
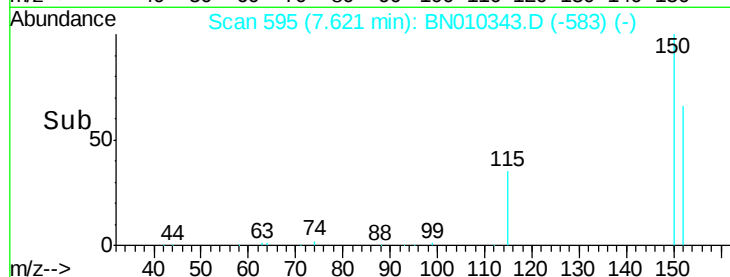
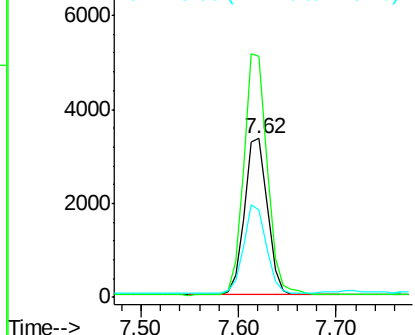
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010343.D
Acq: 25 Mar 2020 01:16

Instrument :
BNA_N
ClientSampleId :
RE123D2-20200317

Tot Ion:152 Resp: 5401
Ion Ratio Lower Upper
152 100
150 151.6 123.1 184.7
115 54.7 45.2 67.8



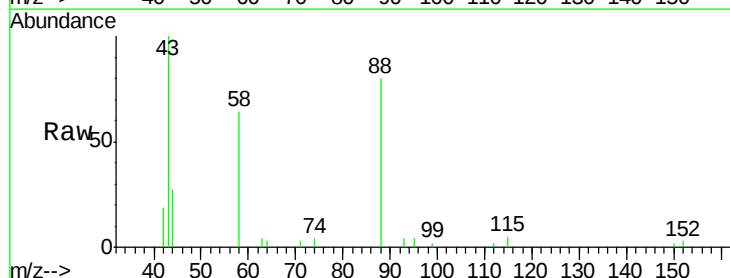
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



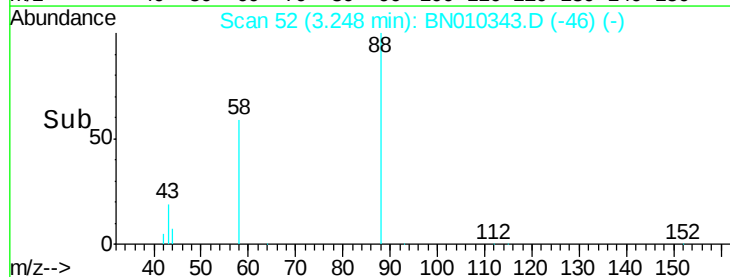
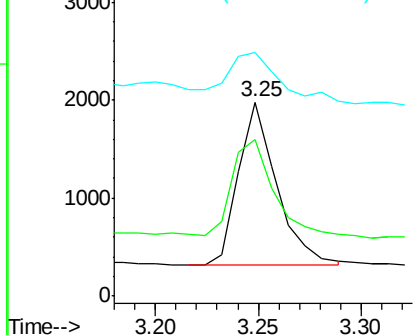
#2

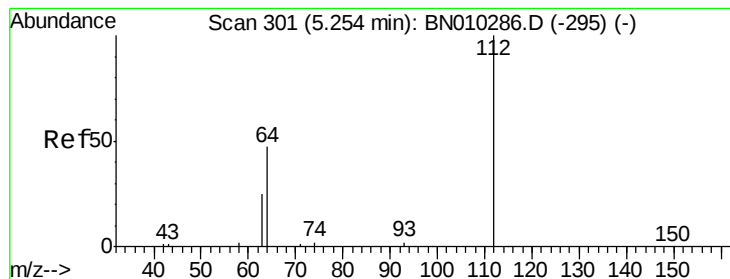
1,4-Dioxane
Concen: 0.424 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010343.D
Acq: 25 Mar 2020 01:16

Tgt Ion: 88 Resp: 2153
Ion Ratio Lower Upper
88 100
58 63.1 51.7 77.5
43 38.7 21.2 31.8#



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: 0.156 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

Instrument :

BNA_N

ClientSampleId :

RE123D2-20200317

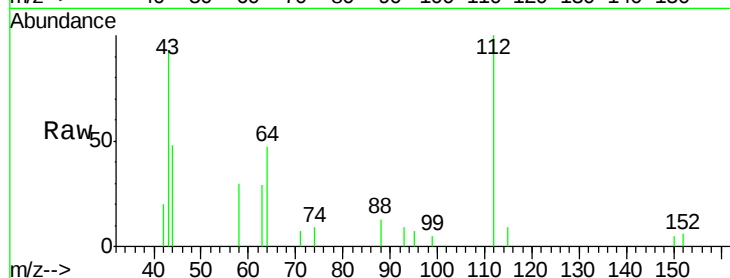
Tot Ion:112 Resp: 1664

Ion Ratio Lower Upper

112 100

64 51.6 41.4 62.2

63 29.3 22.9 34.3



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

5.25

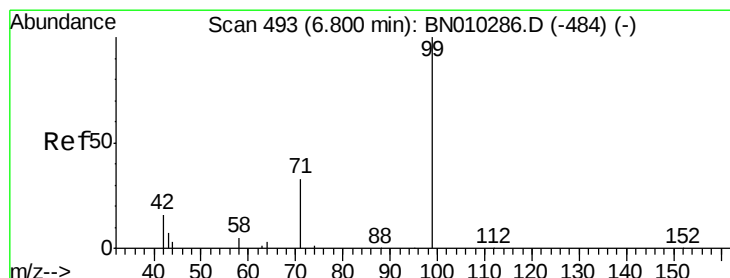
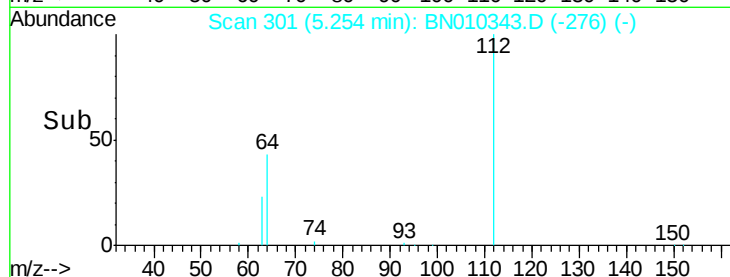
1000

500

0

5.20 5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.095 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

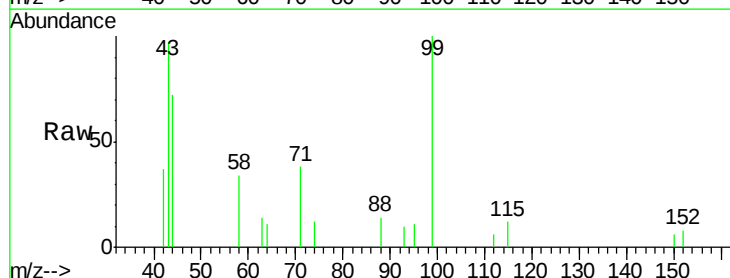
Tgt Ion: 99 Resp: 1266

Ion Ratio Lower Upper

99 100

42 25.0 14.8 22.2#

71 38.0 27.3 40.9



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

6.80

1000

800

600

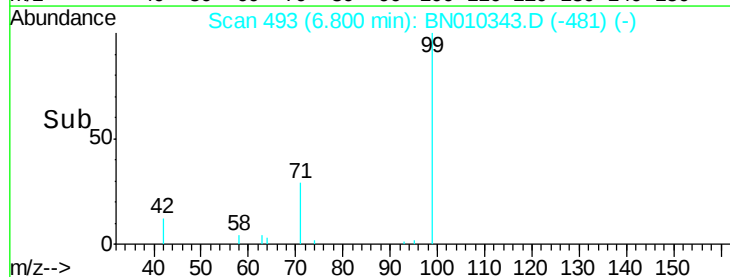
400

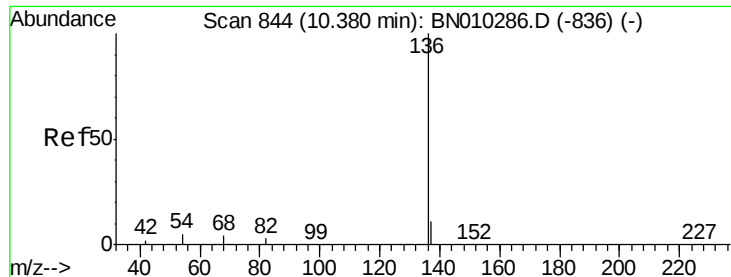
200

0

6.70 6.80 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

Instrument :

BNA_N

ClientSampleId :

RE123D2-20200317

Tot Ion:136 Resp: 18985

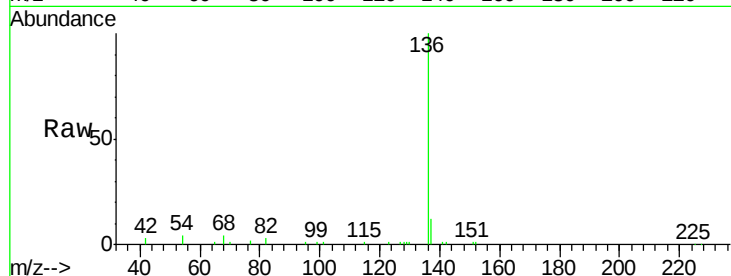
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 4.1 4.8 7.2#

68 3.9 4.1 6.1#

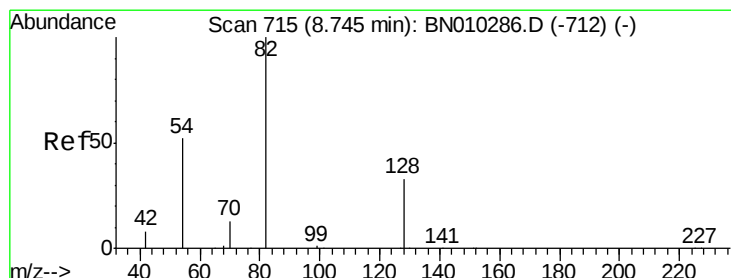
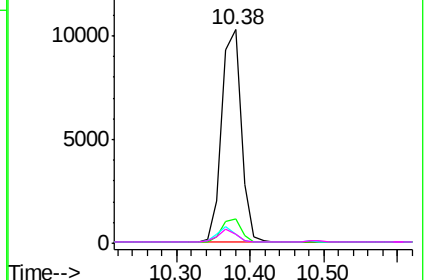
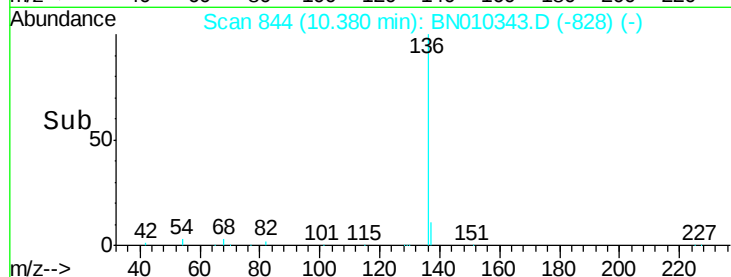


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.555 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

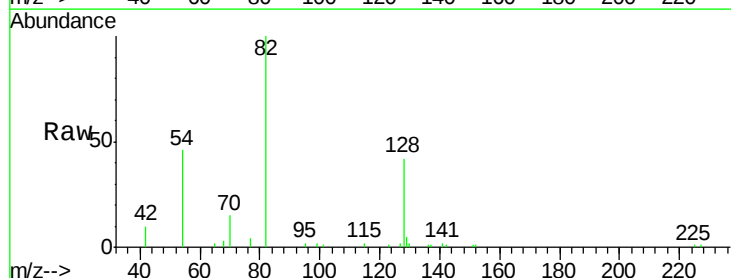
Tgt Ion: 82 Resp: 6750

Ion Ratio Lower Upper

82 100

128 41.7 28.8 43.2

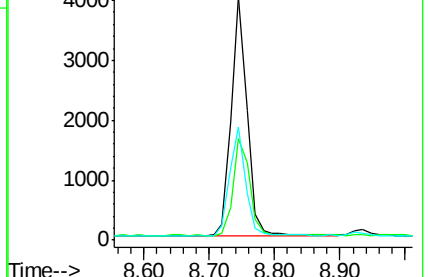
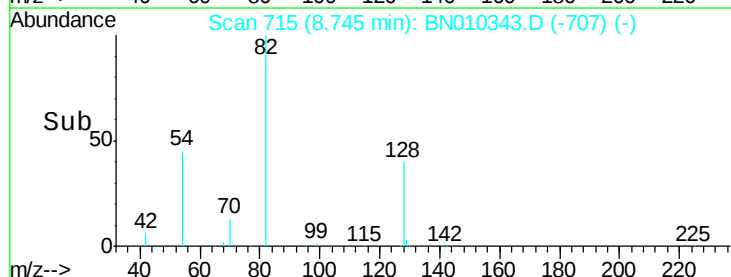
54 46.4 42.1 63.1

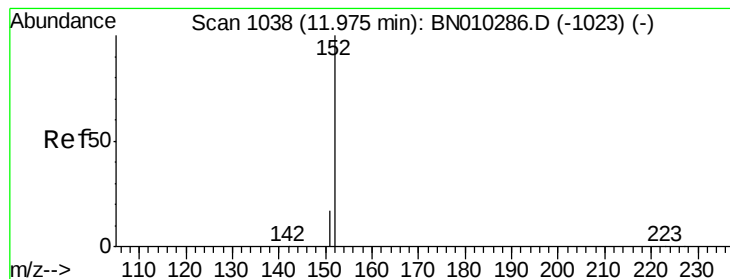


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 11.97 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

Instrument :

BNA_N

ClientSampleId :

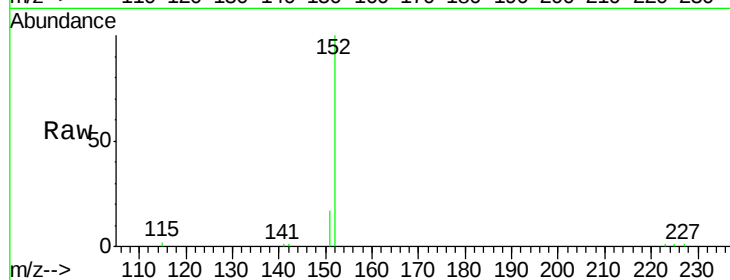
RE123D2-20200317

Tot Ion:152 Resp: 8894

Ion Ratio Lower Upper

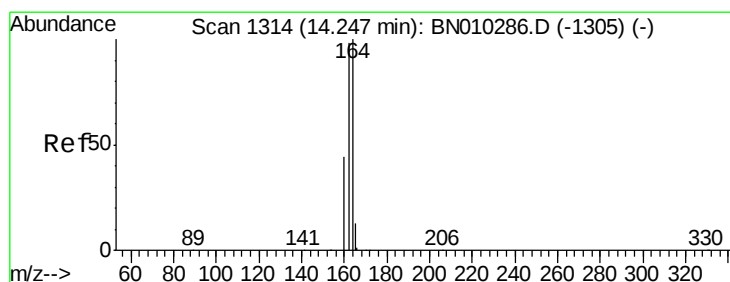
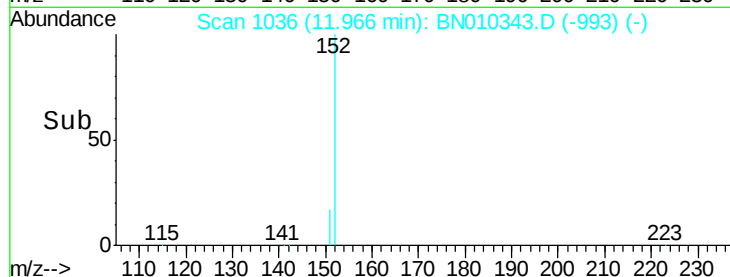
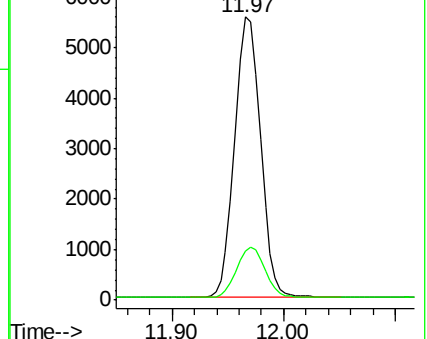
152 100

151 19.7 15.4 23.2



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: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

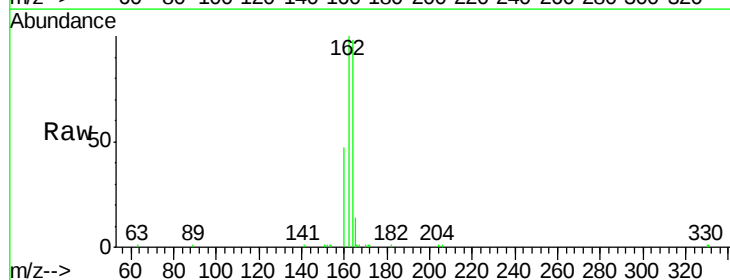
Tgt Ion:164 Resp: 11139

Ion Ratio Lower Upper

164 100

162 102.5 78.2 117.2

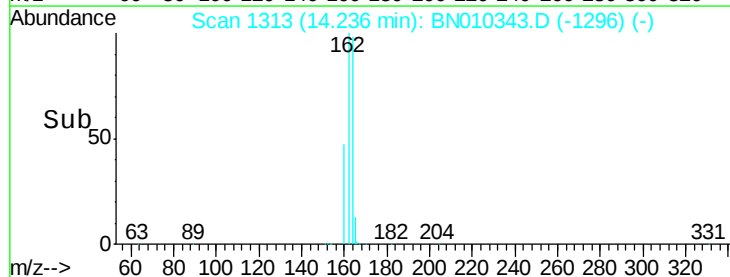
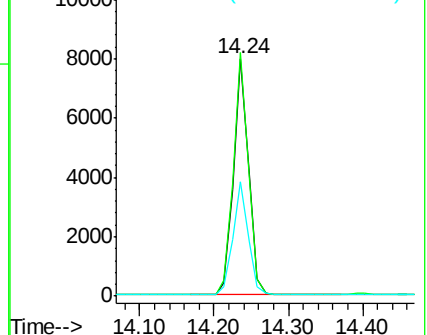
160 48.2 35.8 53.6

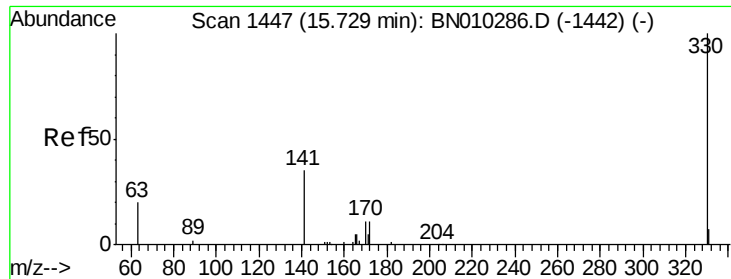


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

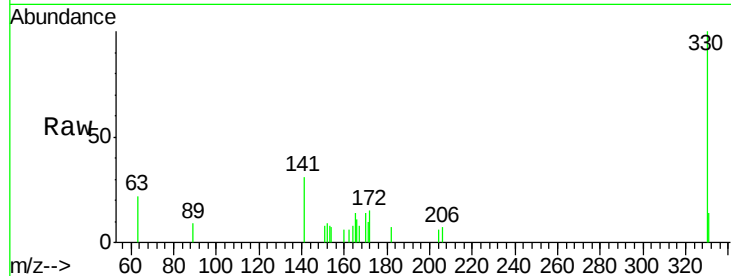




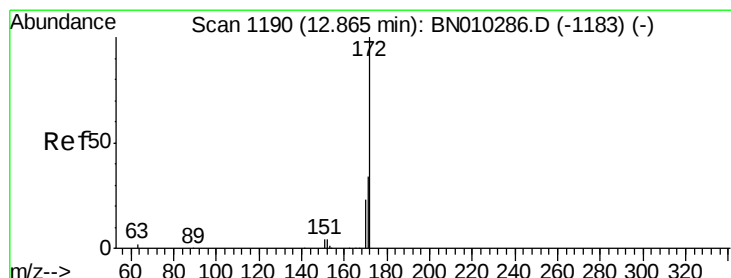
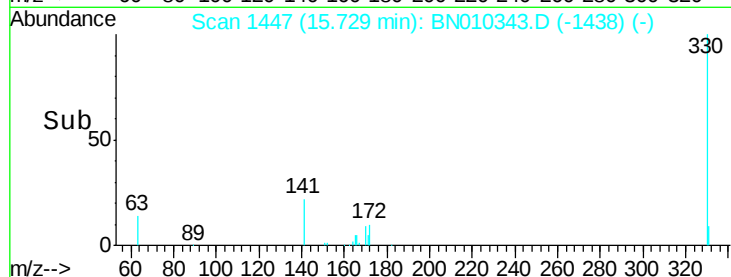
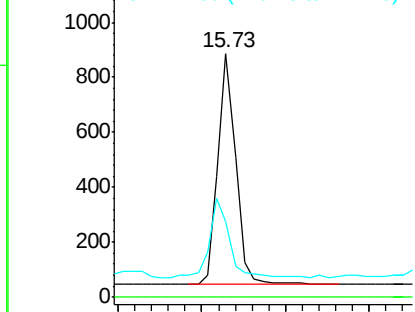
#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010343.D
Acq: 25 Mar 2020 01:16

Instrument :
BNA_N
ClientSampleId :
RE123D2-20200317

Tot Ion:330 Resp: 1259
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.7 29.3 43.9

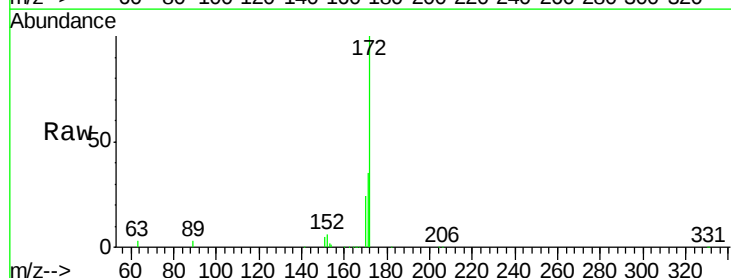


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

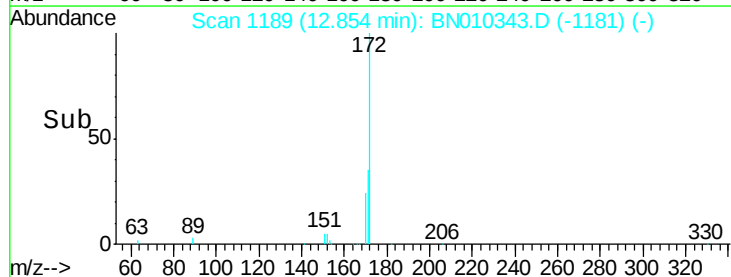
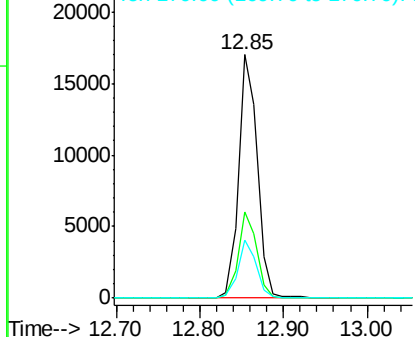


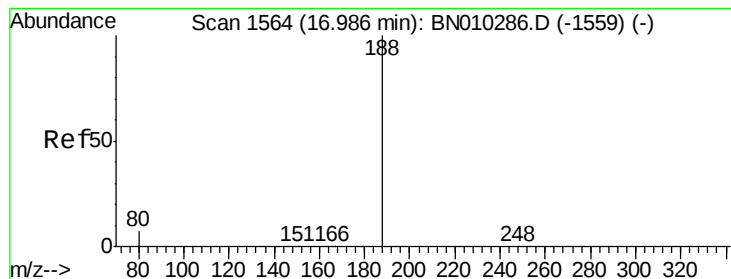
#15
2-Fluorobiphenyl
Concen: 0.613 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010343.D
Acq: 25 Mar 2020 01:16

Tgt Ion:172 Resp: 26150
Ion Ratio Lower Upper
172 100
171 35.2 27.6 41.4
170 23.8 18.5 27.7



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: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

Instrument :

BNA_N

ClientSampleId :

RE123D2-20200317

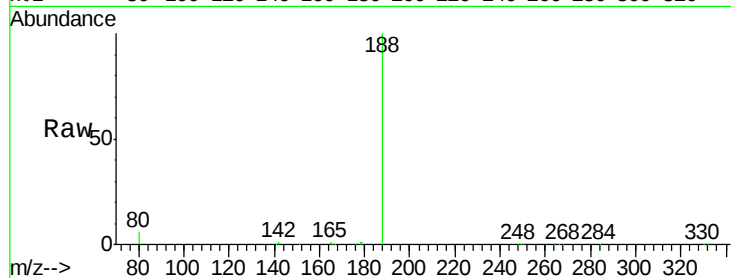
Tot Ion:188 Resp: 26568

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

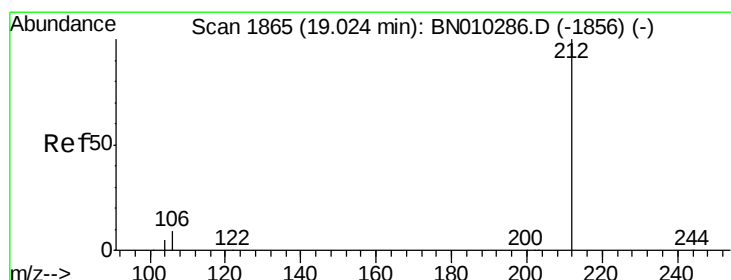
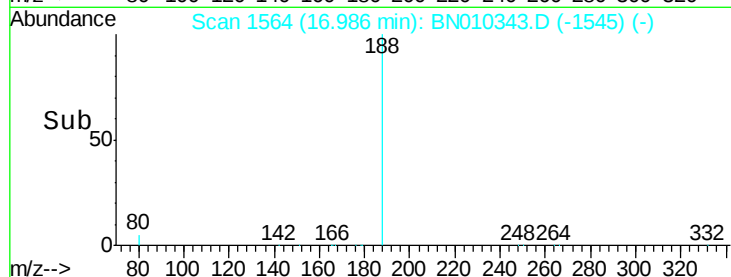
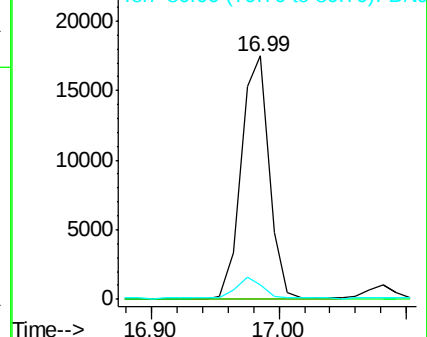
80 5.7 6.0 9.0#



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: 0.305 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

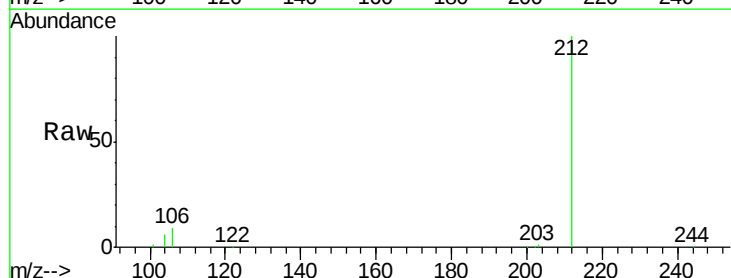
Tgt Ion:212 Resp: 24469

Ion Ratio Lower Upper

212 100

106 9.8 7.4 11.2

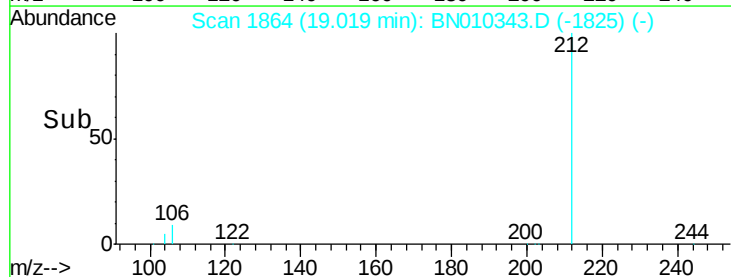
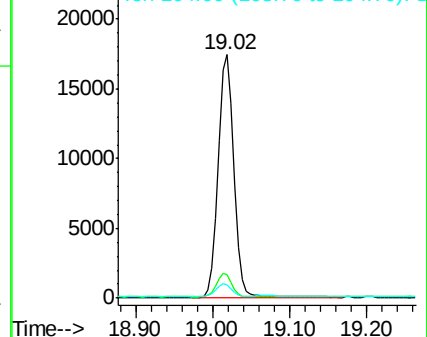
104 5.4 4.2 6.4

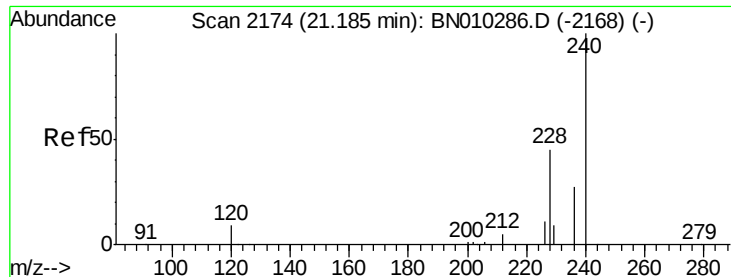


Abundance Ion 212.00 (211.70 to 212.70): E

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. 0.00 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

Instrument :

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RE123D2-20200317

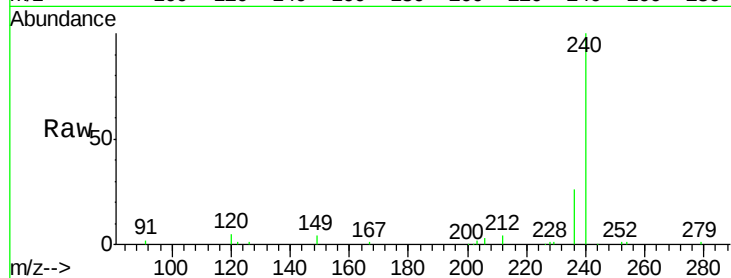
Tot Ion:240 Resp: 26976

Ion Ratio Lower Upper

240 100

120 4.6 7.9 11.9#

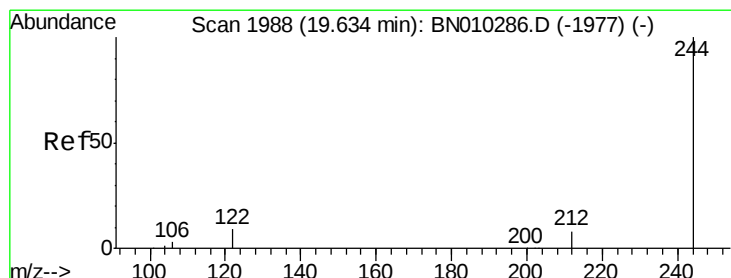
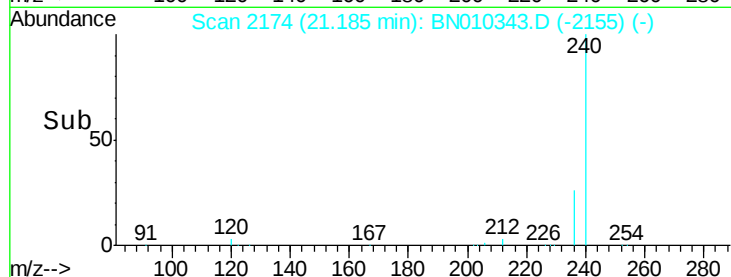
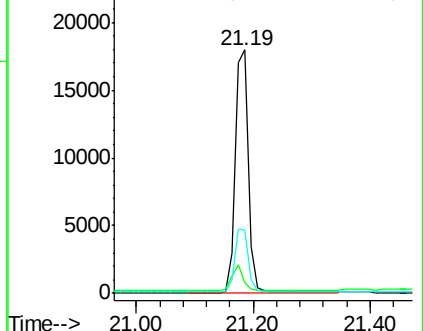
236 26.1 22.2 33.4



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: 0.571 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

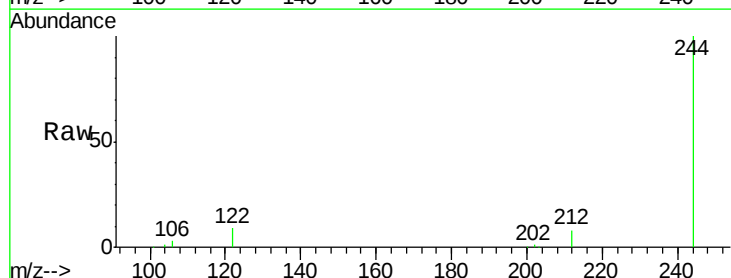
Tgt Ion:244 Resp: 33256

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

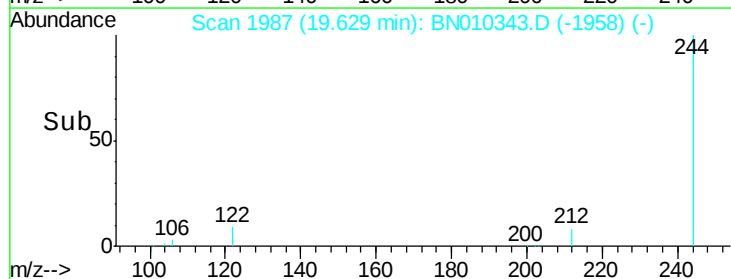
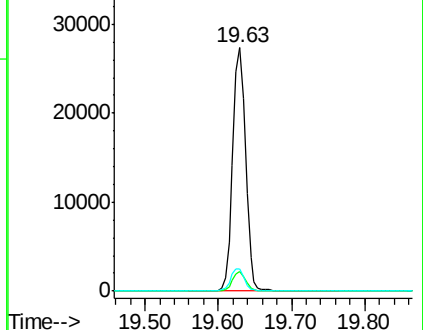
122 8.8 7.6 11.4

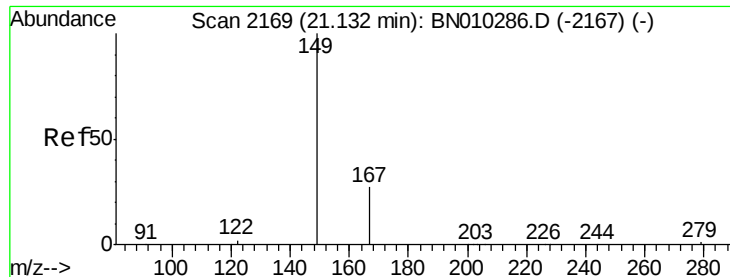


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

Instrument :

BNA_N

ClientSampleId :

RE123D2-20200317

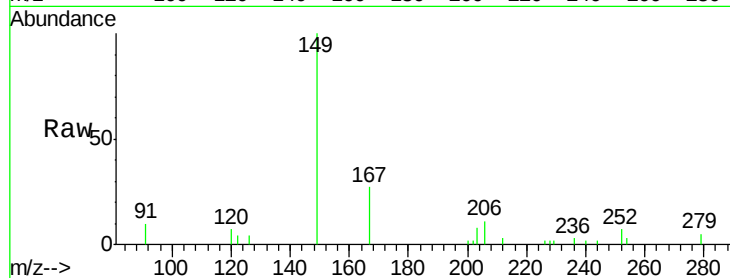
Tot Ion:149 Resp: 3025

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.6

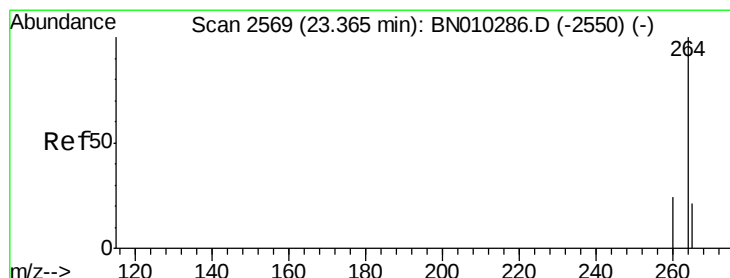
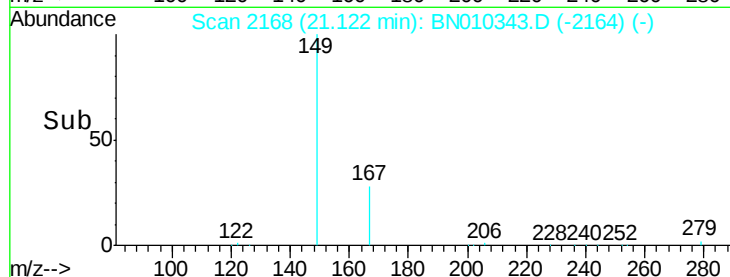
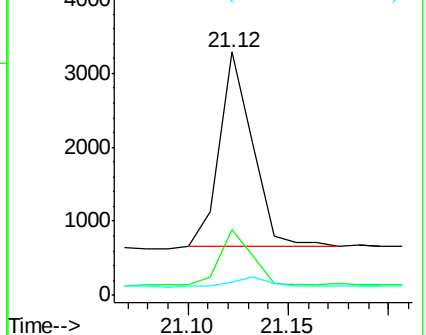
279 5.2 3.8 5.8



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: 23.35 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010343.D

Acq: 25 Mar 2020 01:16

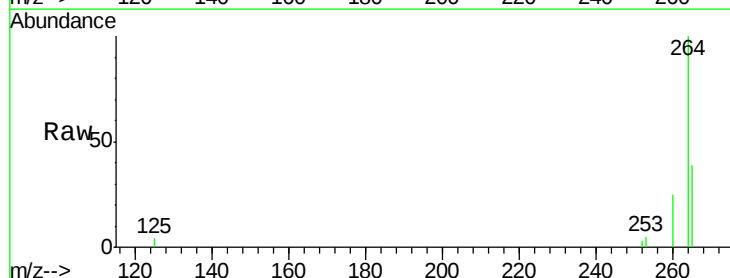
Tgt Ion:264 Resp: 30290

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 39.1 32.4 48.6



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

