

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010340.D
 Acq On : 24 Mar 2020 23:28
 Operator : CG/JU
 Sample : L1997-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20200316

Quant Time: Mar 25 01:48:55 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

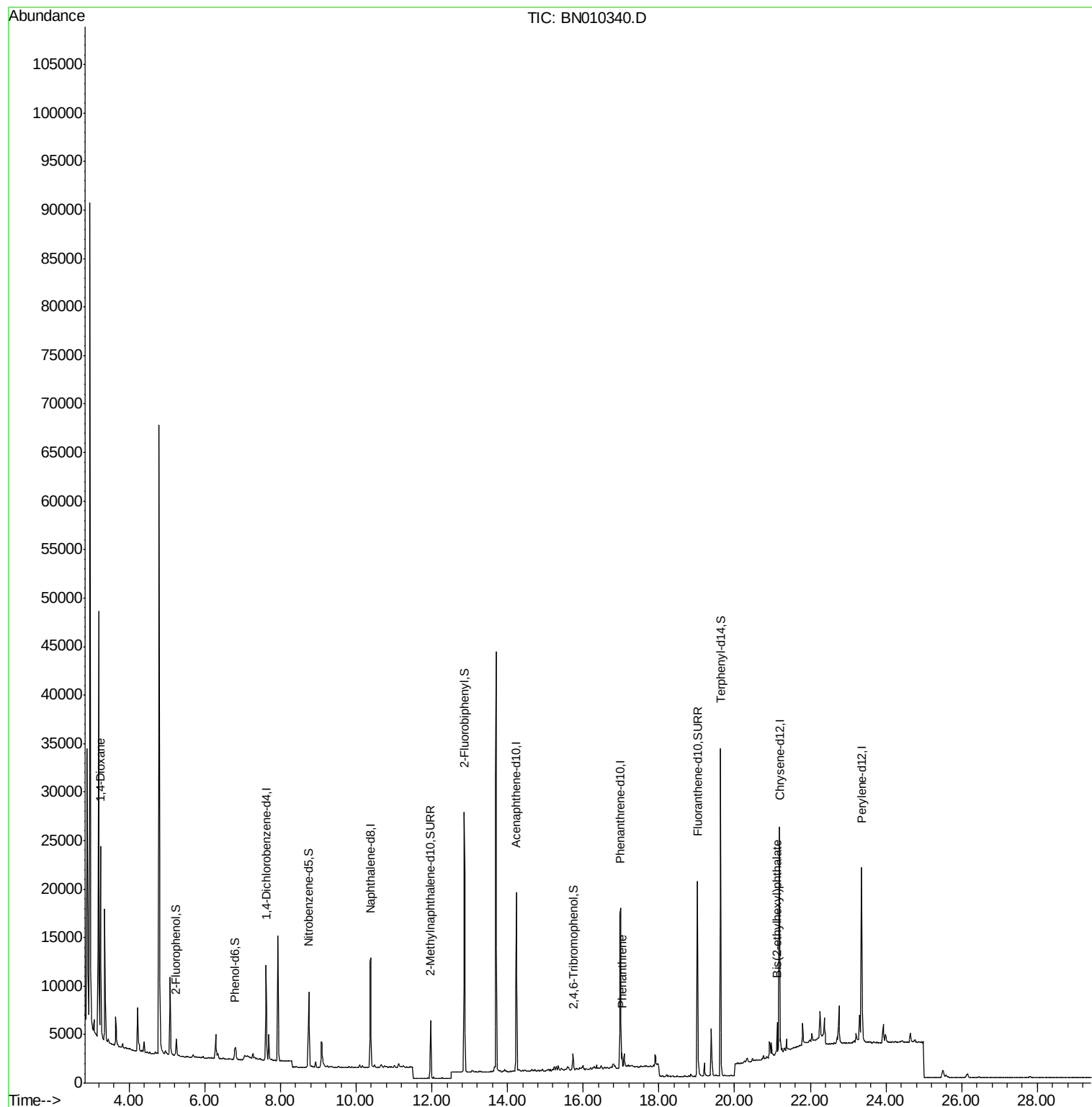
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4885	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	16910	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9887	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	24559	0.40	ng	0.00
27) Chrysene-d12	21.19	240	24632	0.40	ng	0.00
34) Perylene-d12	23.35	264	23786	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1493	0.15	ng	0.00
5) Phenol-d6	6.80	99	1121	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	6172	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8133	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1242	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	23751	0.63	ng	-0.01
25) Fluoranthene-d10	19.02	212	23001	0.31	ng	0.00
29) Terphenyl-d14	19.63	244	33367	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	13170	2.871	ng	98
23) Phenanthrene	17.02	178	1747	0.026	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.12	149	2962	0.112	ng	99

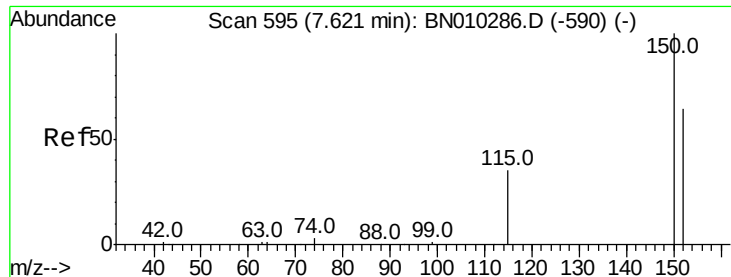
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010340.D

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Instrument :

BNA_N

ClientSampleId :

DUP06-20200316

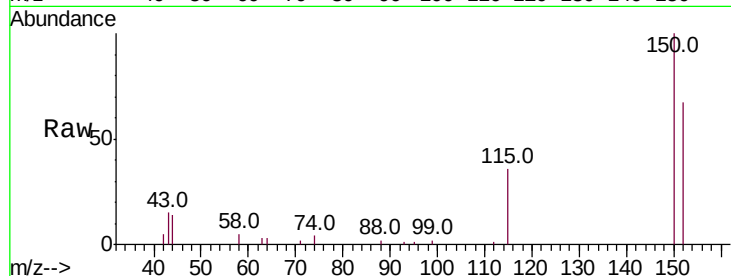
Tot Ion:152 Resp: 4885

Ion Ratio Lower Upper

152 100

150 150.3 123.1 184.7

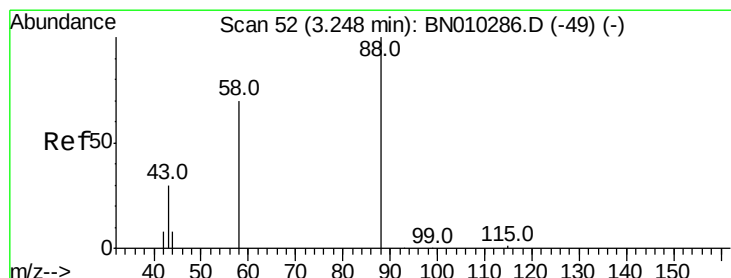
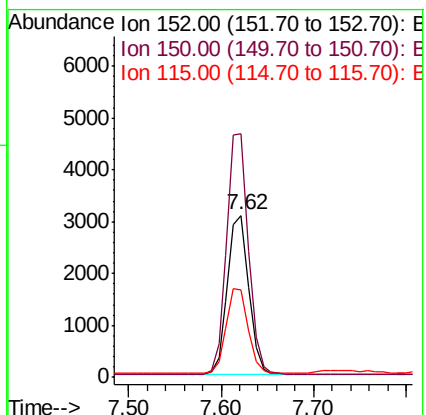
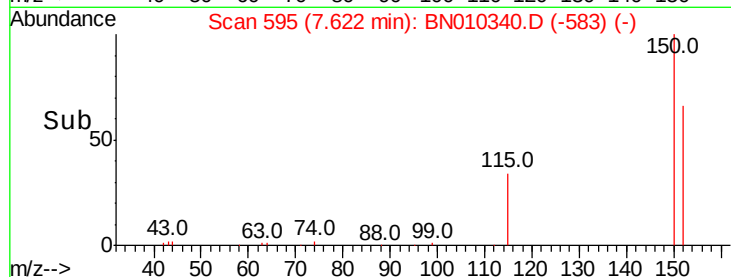
115 53.9 45.2 67.8



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: 2.871 ng

RT: 3.25 min Scan# 52

Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

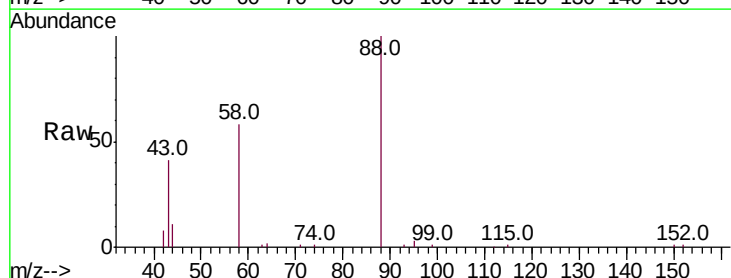
Tgt Ion: 88 Resp: 13170

Ion Ratio Lower Upper

88 100

58 62.9 51.7 77.5

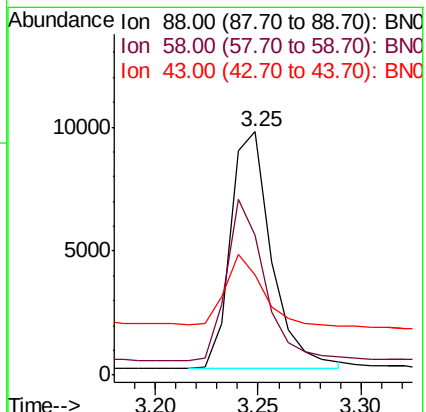
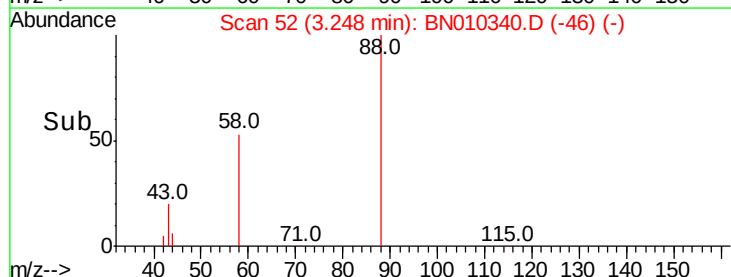
43 27.6 21.2 31.8

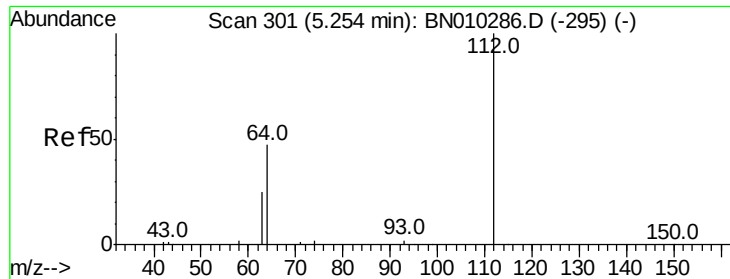


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

ClientSampleId :

DUP06-20200316

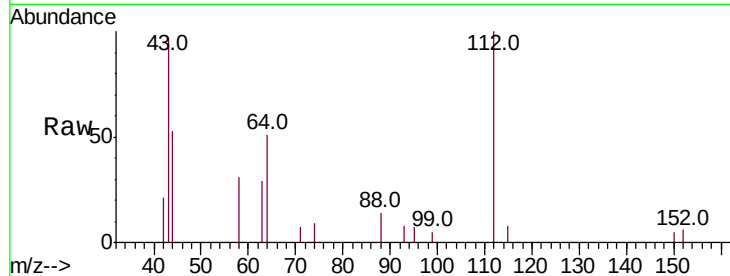
Tot Ion:112 Resp: 1493

Ion Ratio Lower Upper

112 100

64 51.5 41.4 62.2

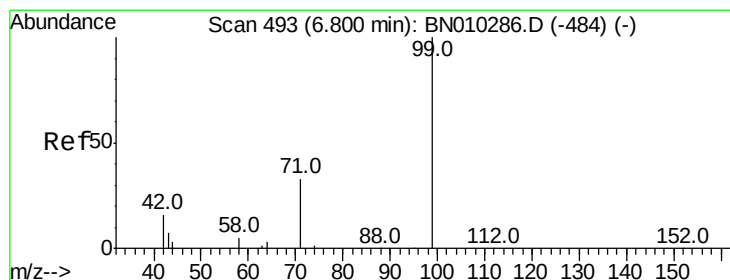
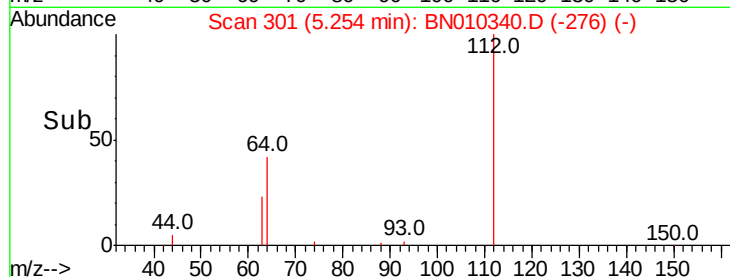
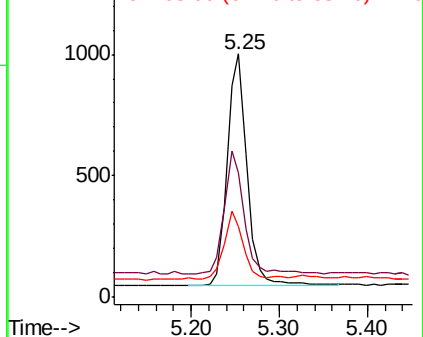
63 27.5 22.9 34.3



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

Phenol-d6

Concen: 0.093 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

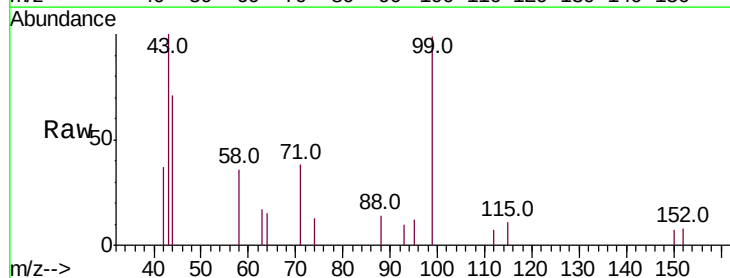
Tgt Ion: 99 Resp: 1121

Ion Ratio Lower Upper

99 100

42 35.7 14.8 22.2#

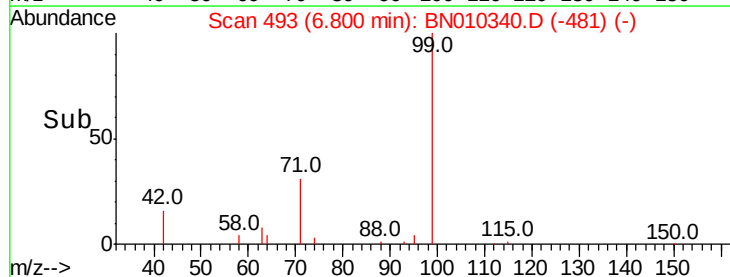
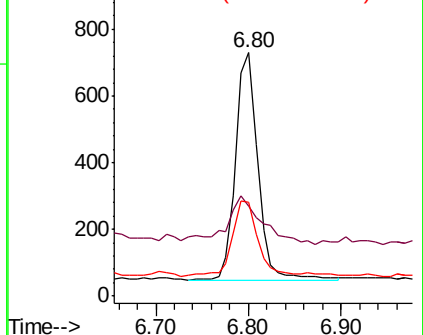
71 38.4 27.3 40.9

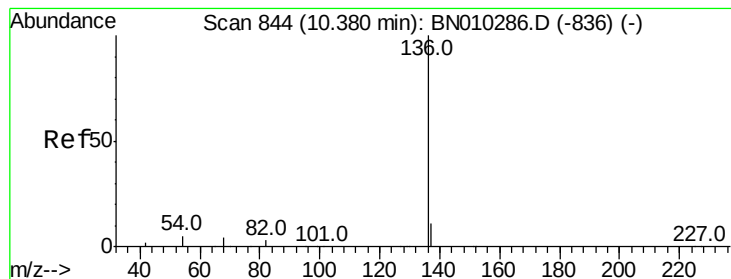


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

ClientSampleId :

DUP06-20200316

Tot Ion:136 Resp: 16910

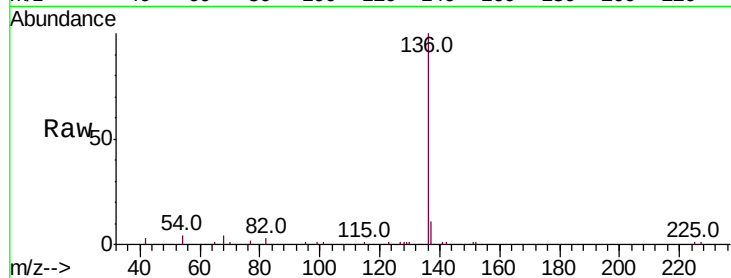
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 4.3 4.8 7.2#

68 4.0 4.1 6.1#

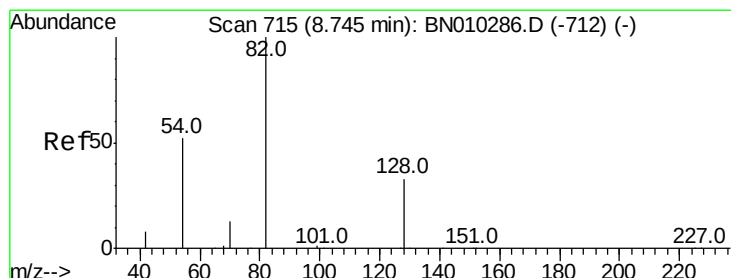
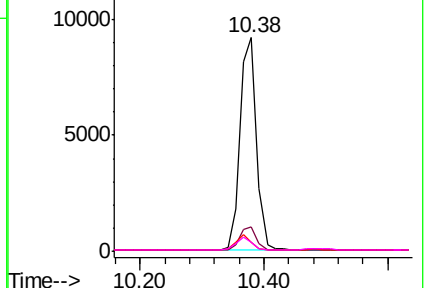
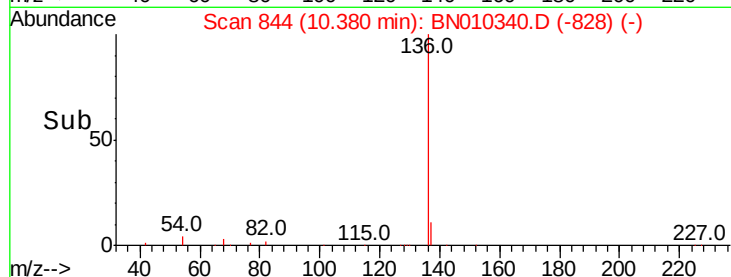


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.570 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

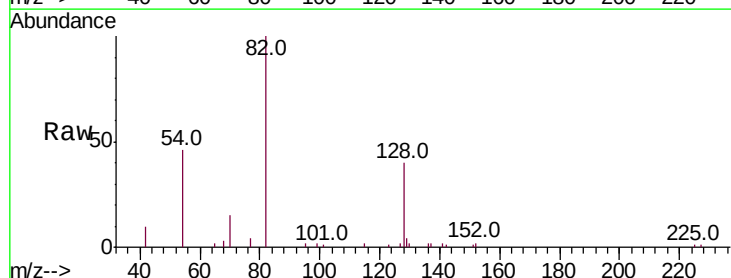
Tgt Ion: 82 Resp: 6172

Ion Ratio Lower Upper

82 100

128 39.9 28.8 43.2

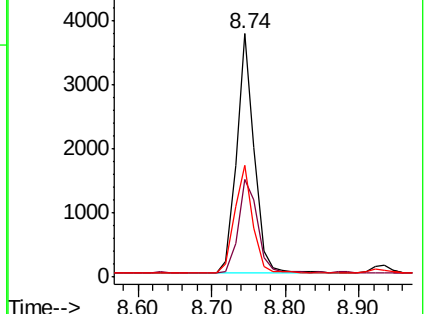
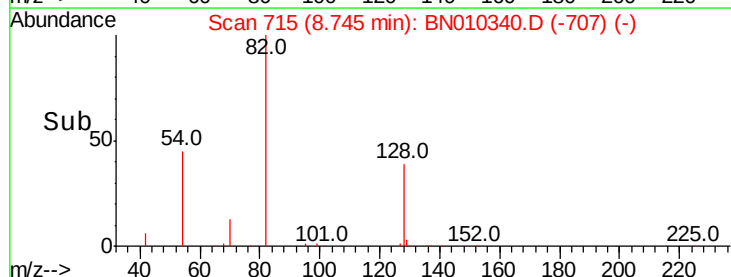
54 46.0 42.1 63.1

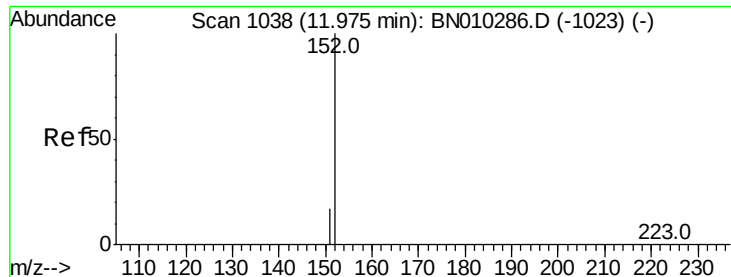


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

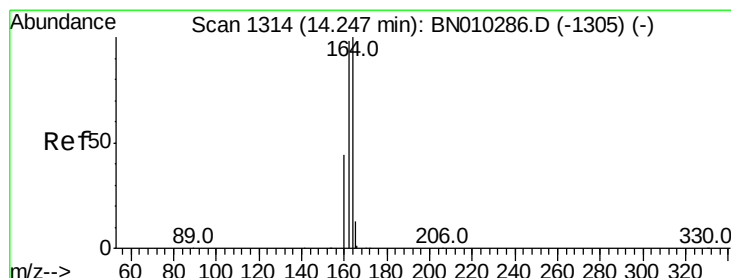
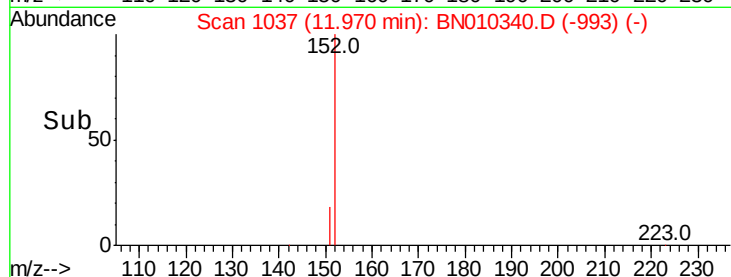
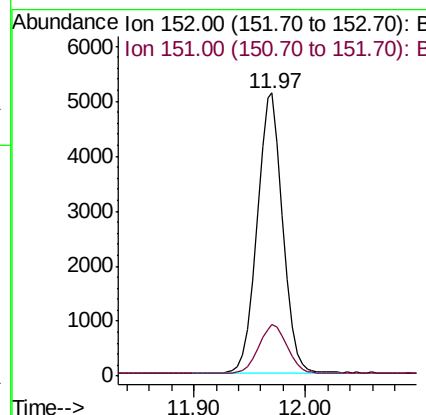
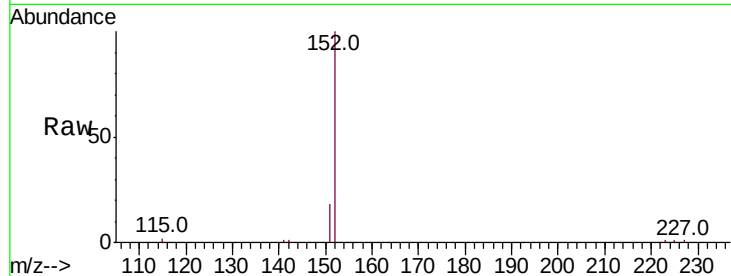




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

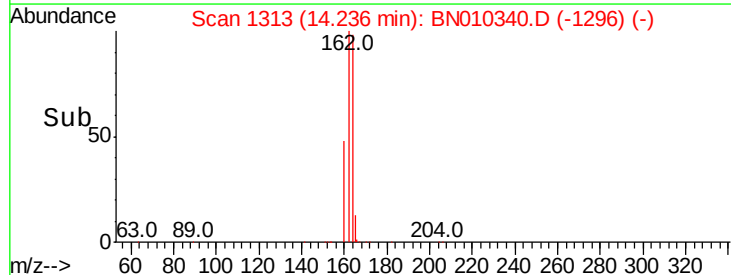
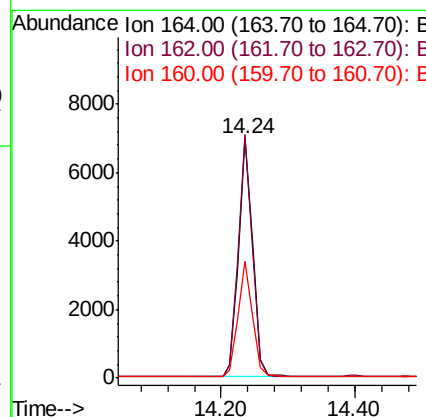
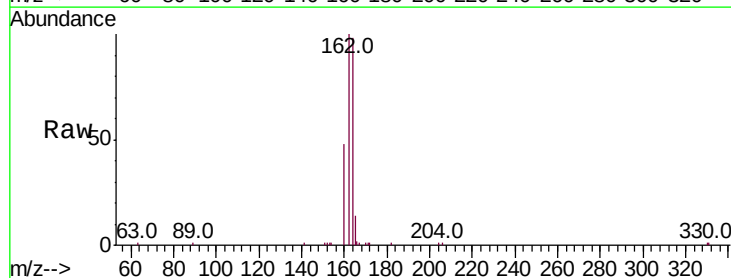
Instrument :
BNA_N
ClientSampleId :
DUP06-20200316

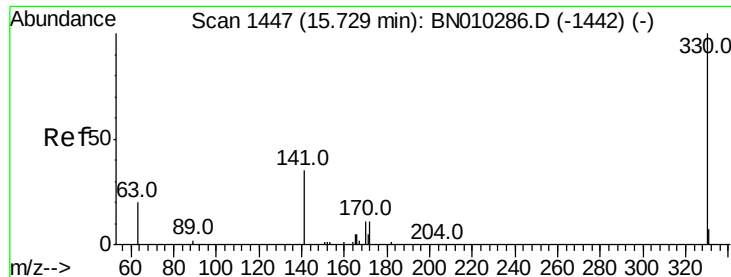
Tot Ion:152 Resp: 8133
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Tgt Ion:164 Resp: 9887
Ion Ratio Lower Upper
164 100
162 101.8 78.2 117.2
160 49.0 35.8 53.6

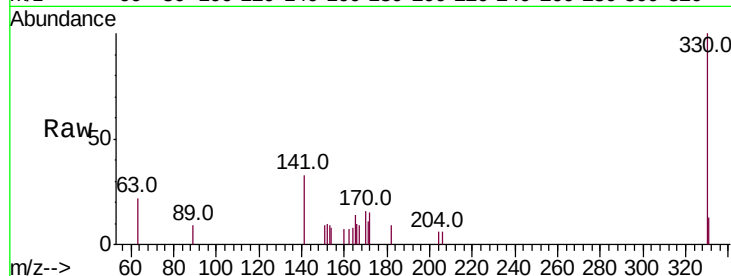




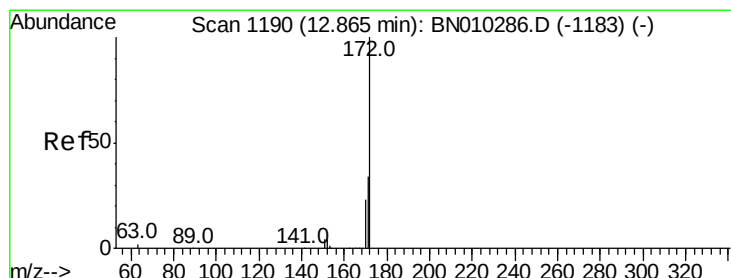
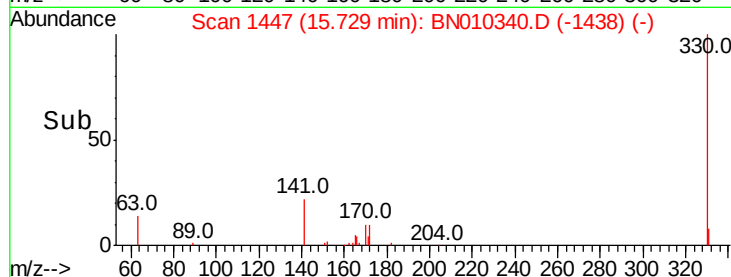
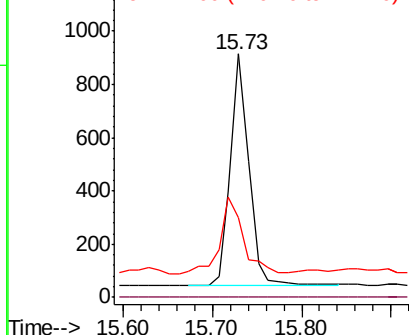
#14
 2,4,6-Tribromophenol
 Concen: 0.327 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010340.D
 Acq: 24 Mar 2020 23:28

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20200316

Tot Ion:330 Resp: 1242
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.6 29.3 43.9

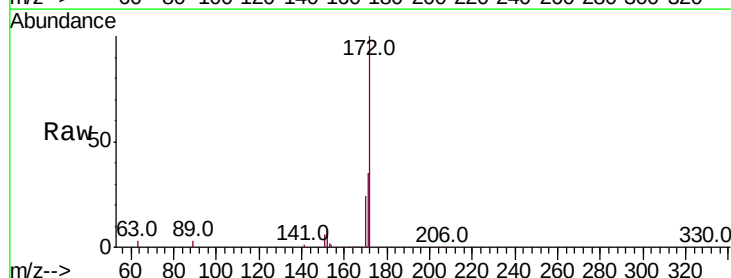


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

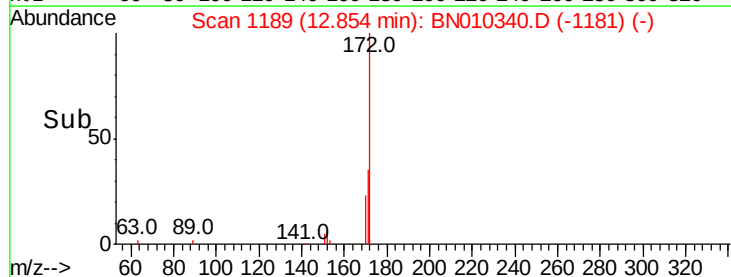
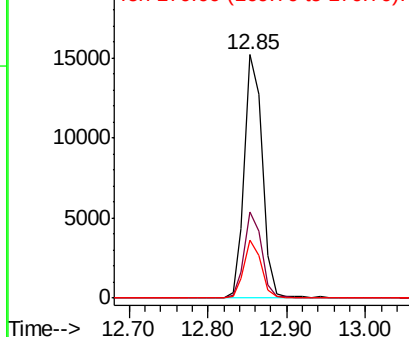


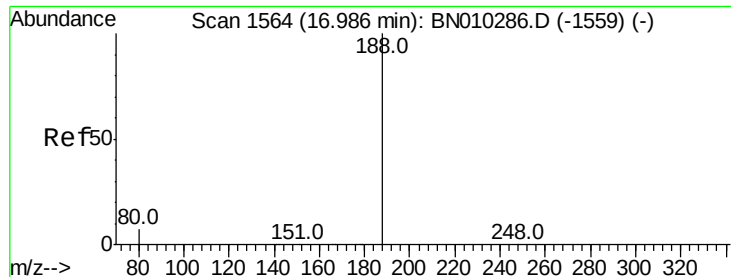
#15
 2-Fluorobiphenyl
 Concen: 0.628 ng
 RT: 12.85 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BN010340.D
 Acq: 24 Mar 2020 23:28

Tgt Ion:172 Resp: 23751
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.6 41.4
 170 23.7 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: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

ClientSampleId :

DUP06-20200316

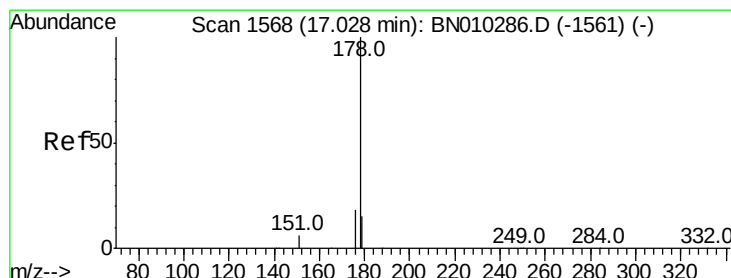
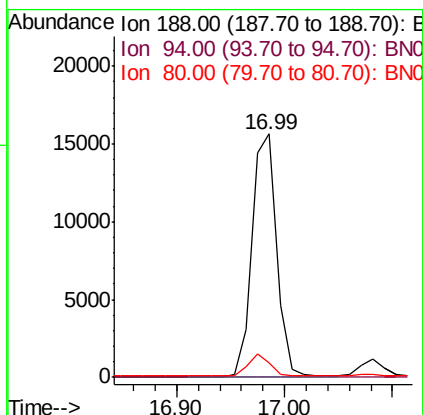
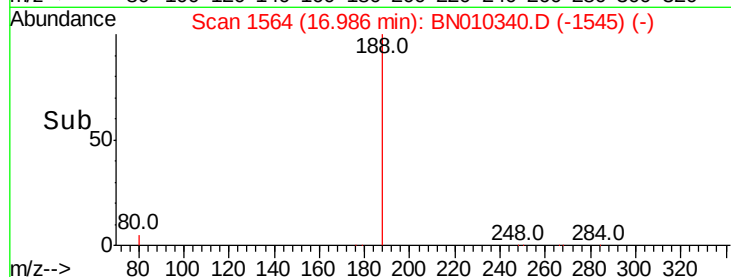
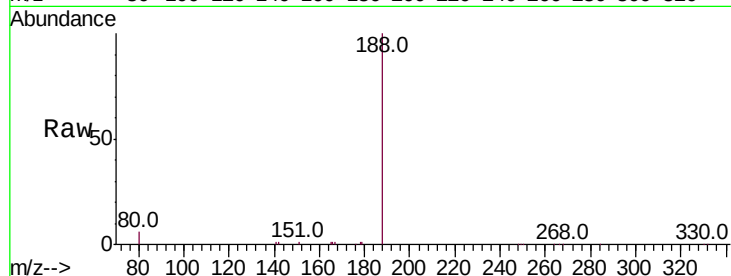
Tot Ion:188 Resp: 24559

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.8 6.0 9.0#



#23

Phenanthrene

Concen: 0.026 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

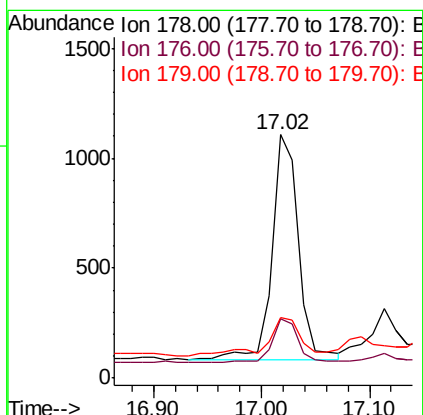
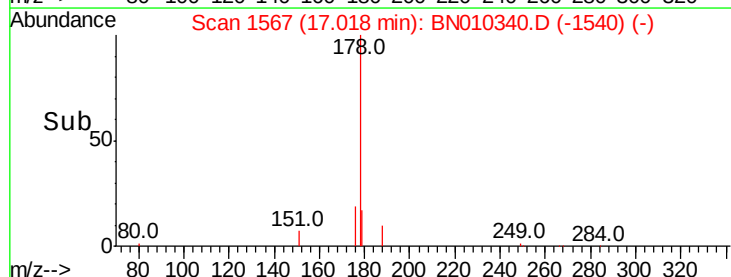
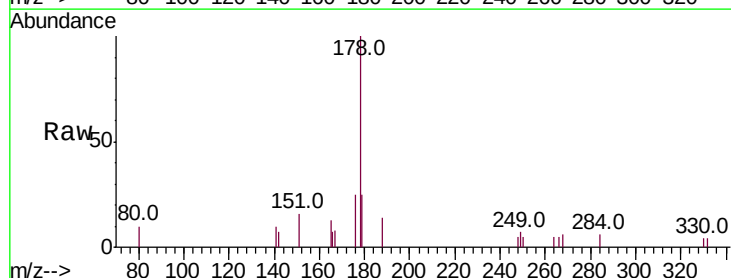
Tgt Ion:178 Resp: 1747

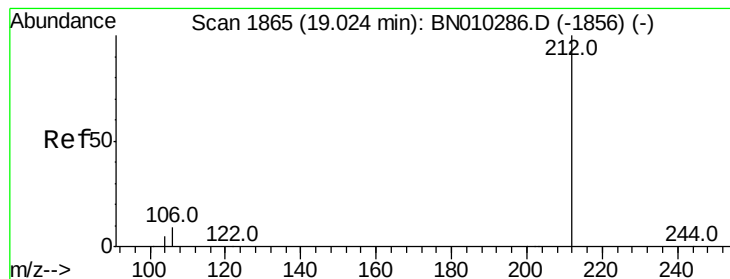
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 21.7 12.4 18.6#





#25

Fluoranthene-d10

Concen: 0.311 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

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DUP06-20200316

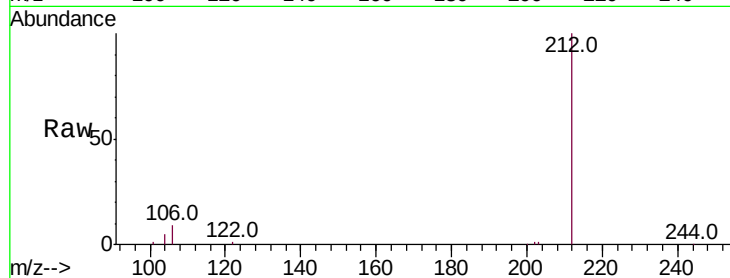
Tot Ion:212 Resp: 23001

Ion Ratio Lower Upper

212 100

106 9.7 7.4 11.2

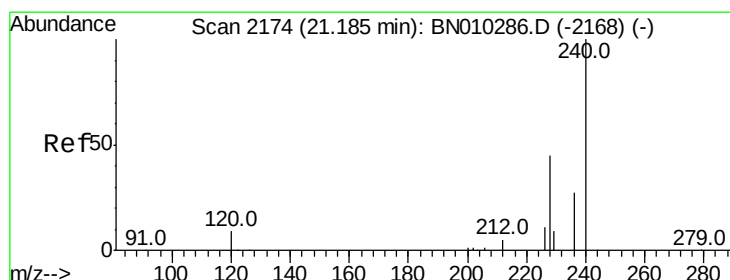
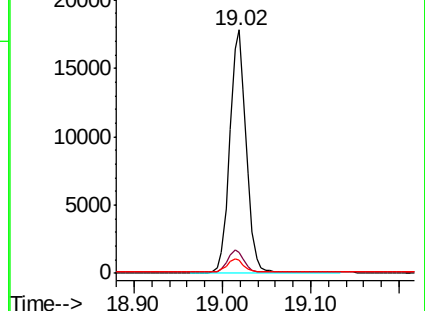
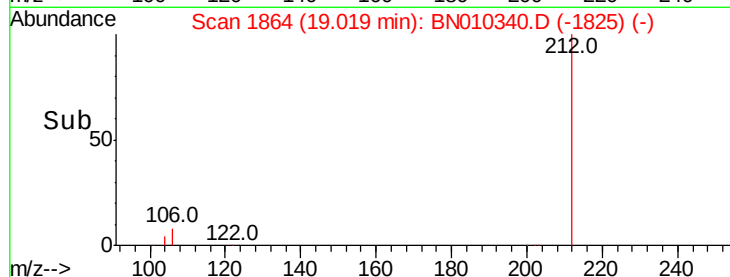
104 5.4 4.2 6.4



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: BN010340.D

Acq: 24 Mar 2020 23:28

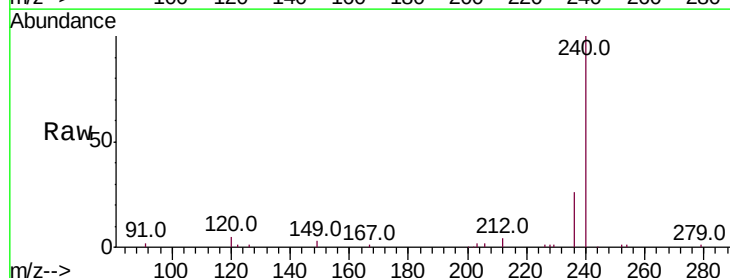
Tgt Ion:240 Resp: 24632

Ion Ratio Lower Upper

240 100

120 4.5 7.9 11.9#

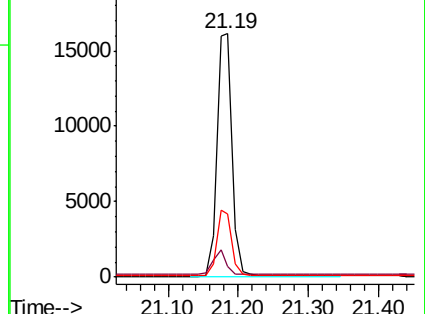
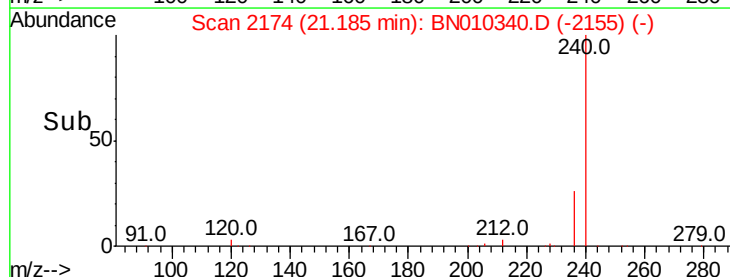
236 26.0 22.2 33.4

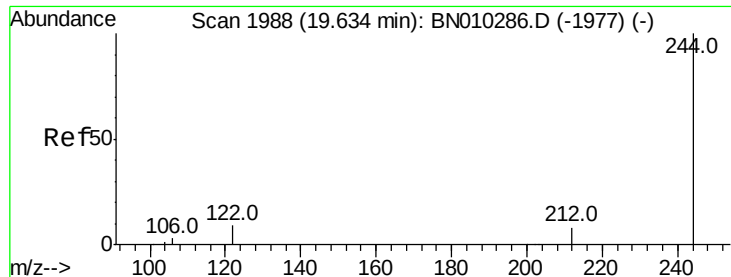


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.627 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

ClientSampleId :

DUP06-20200316

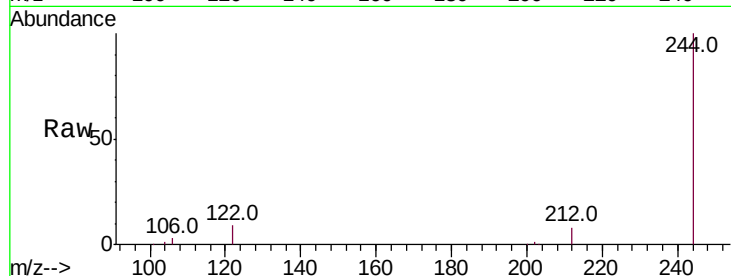
Tot Ion:244 Resp: 33367

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

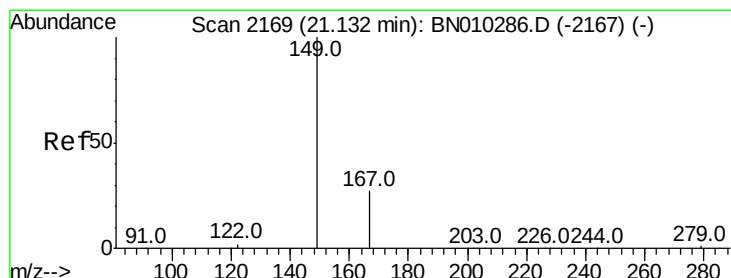
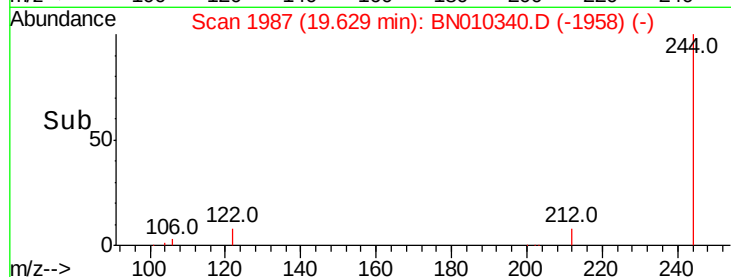
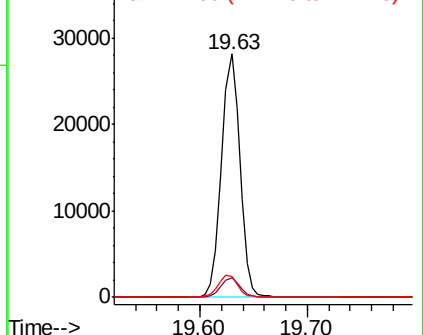
122 8.6 7.6 11.4



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: 0.112 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

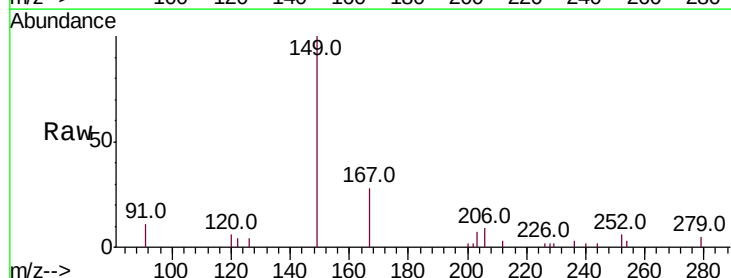
Tgt Ion:149 Resp: 2962

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

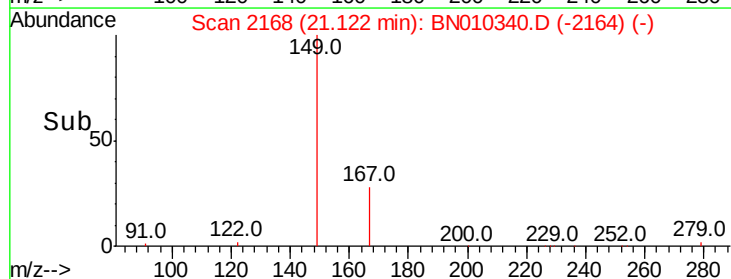
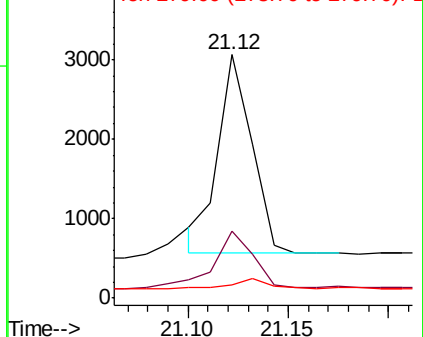
279 4.6 3.8 5.8

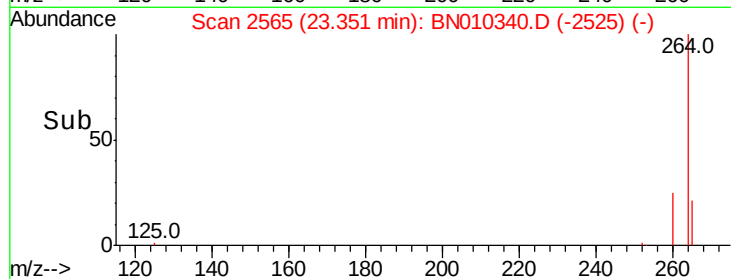
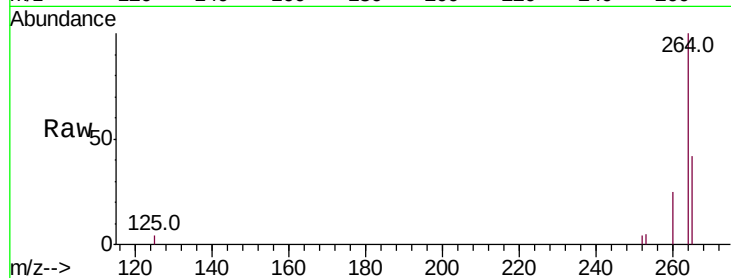
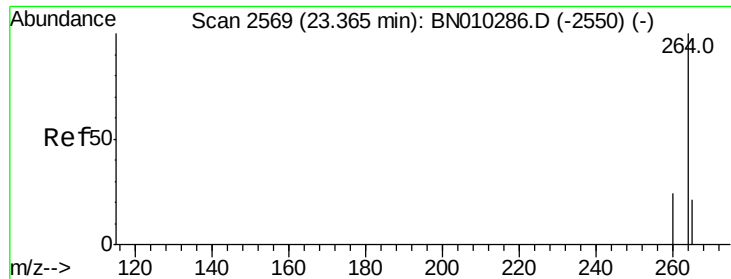


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

ClientSampleId :

DUP06-20200316

Tot Ion:264 Resp: 23786

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 41.8 32.4 48.6

