

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010302.D
 Acq On : 19 Mar 2020 23:27
 Operator : CG/JU
 Sample : L1969-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 01:25:48 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

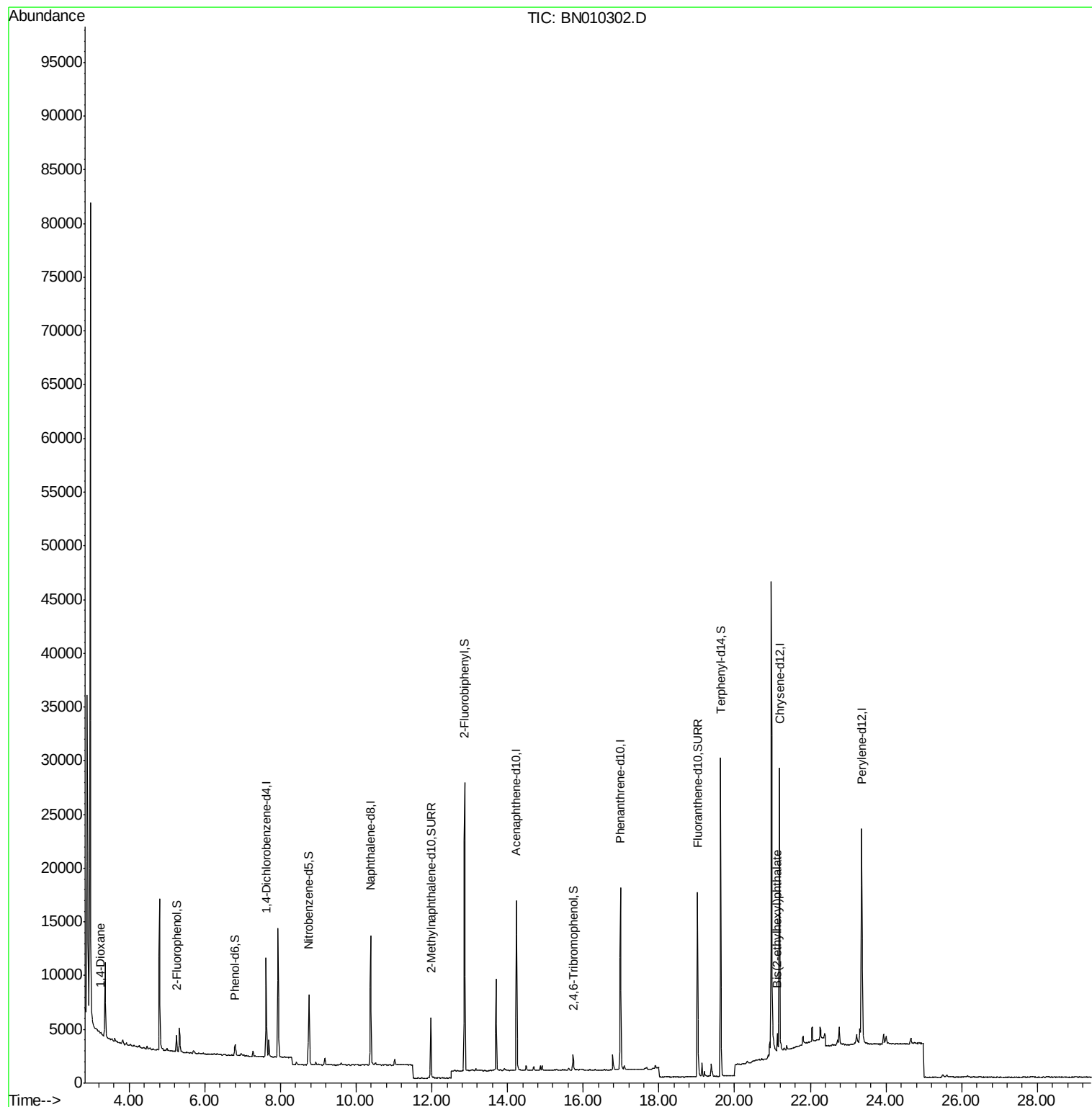
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4415	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15532	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9355	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	22166	0.40	ng	0.00
27) Chrysene-d12	21.19	240	24434	0.40	ng	0.00
34) Perylene-d12	23.36	264	25806	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1277	0.15	ng	0.00
5) Phenol-d6	6.80	99	976	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	5744	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7508	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1119	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	24319	0.68	ng	0.00
25) Fluoranthene-d10	19.02	212	20259	0.30	ng	0.00
29) Terphenyl-d14	19.63	244	30662	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	119	0.029	ng	Qvalue # 42
32) Bis(2-ethylhexyl)phthalate	21.13	149	1464	0.056	ng	97

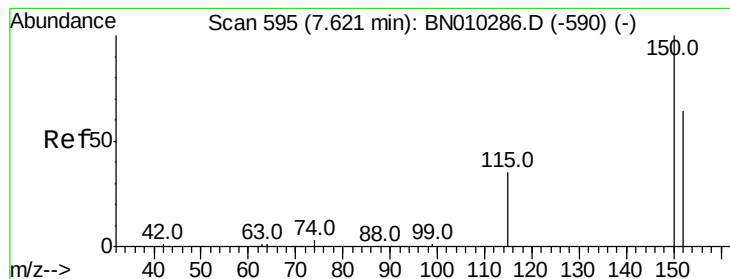
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 19 15:26:45 2020
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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: BN010302.D

Acq: 19 Mar 2020 23:27

Instrument :

BNA_N

ClientSampleId :

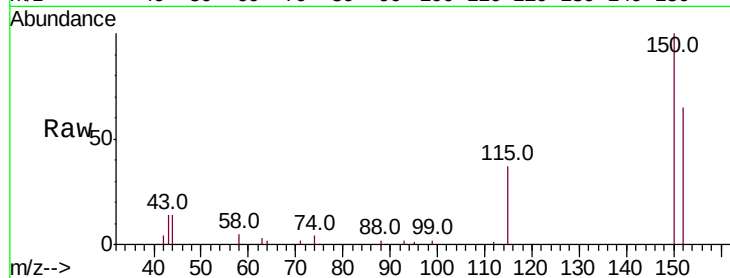
Tot Ion:152 Resp: 4415

Ion Ratio Lower Upper

152 100

150 153.5 123.1 184.7

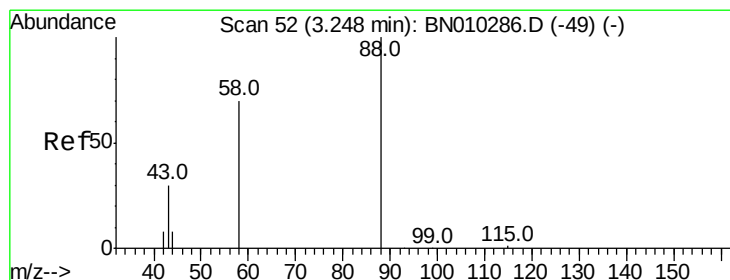
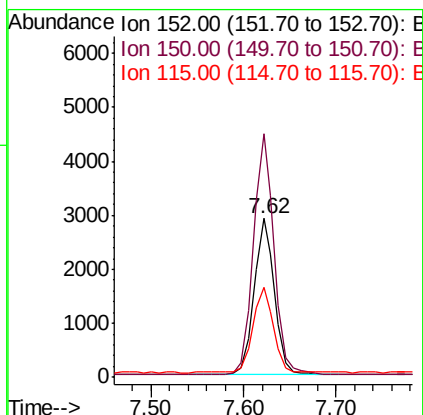
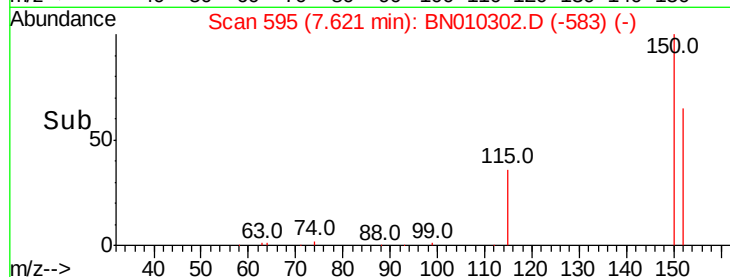
115 57.1 45.2 67.8



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: 0.029 ng

RT: 3.26 min Scan# 53

Delta R.T. 0.01 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

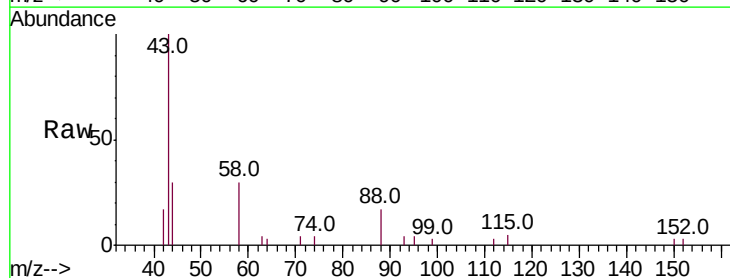
Tgt Ion: 88 Resp: 119

Ion Ratio Lower Upper

88 100

58 112.6 51.7 77.5#

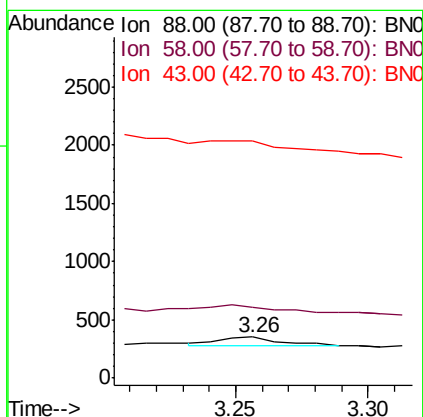
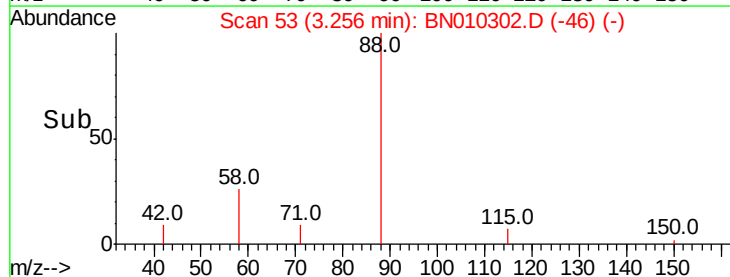
43 0.0 21.2 31.8#

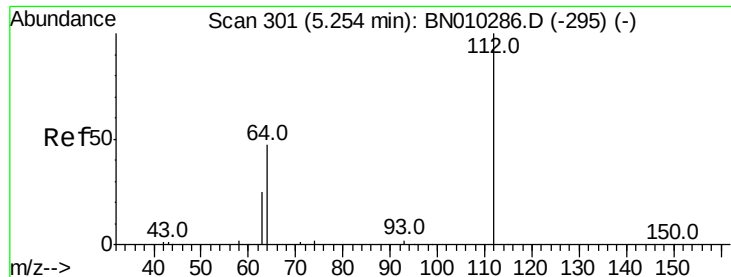


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.00 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

Instrument :

BNA_N

ClientSampled :

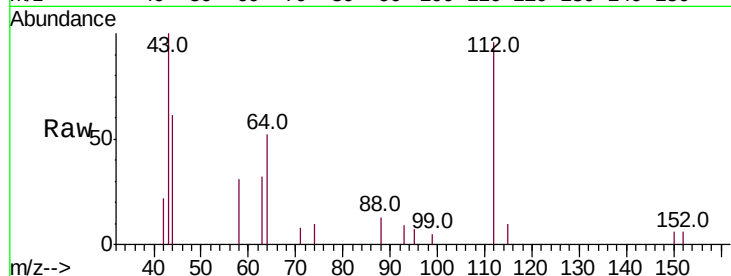
Tot Ion:112 Resp: 1277

Ion Ratio Lower Upper

112 100

64 53.9 41.4 62.2

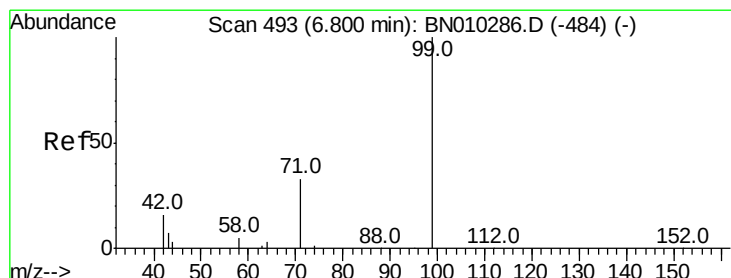
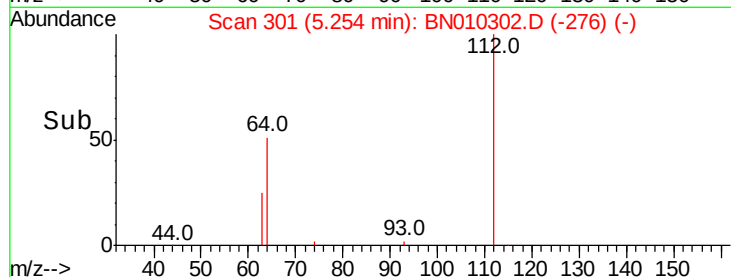
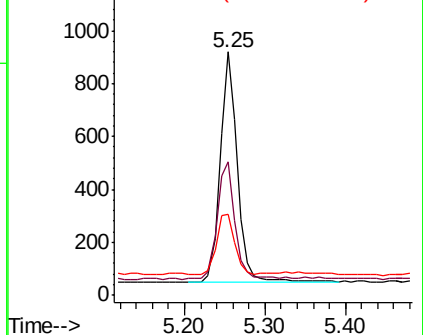
63 27.9 22.9 34.3



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: 0.090 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

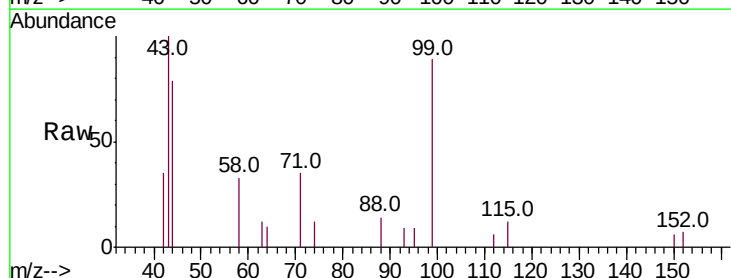
Tgt Ion: 99 Resp: 976

Ion Ratio Lower Upper

99 100

42 24.1 14.8 22.2#

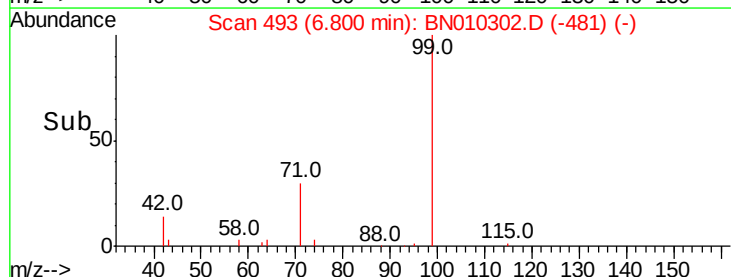
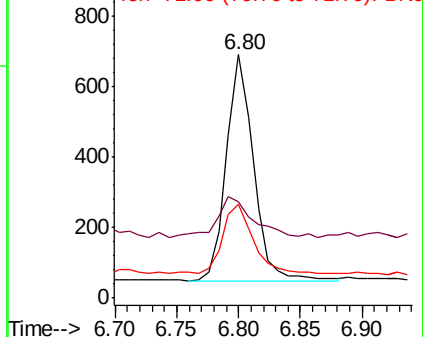
71 36.8 27.3 40.9

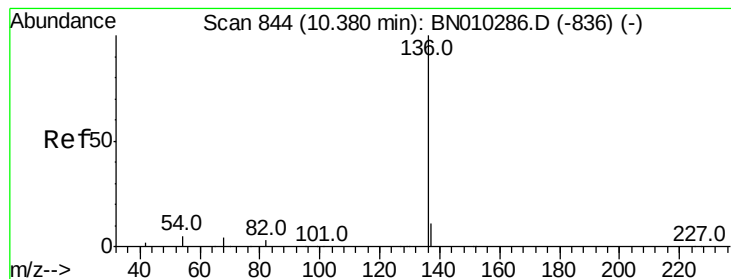


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15532

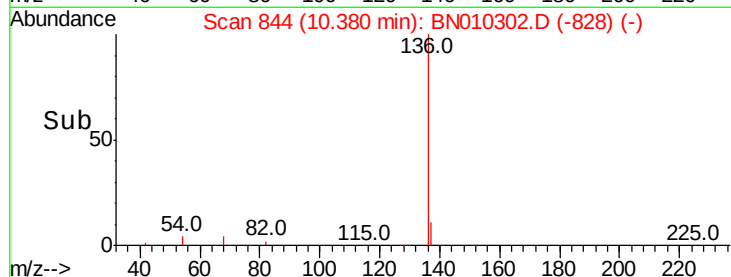
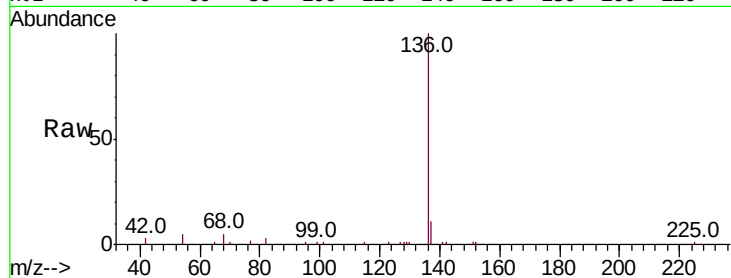
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 5.2 4.8 7.2

68 4.8 4.1 6.1

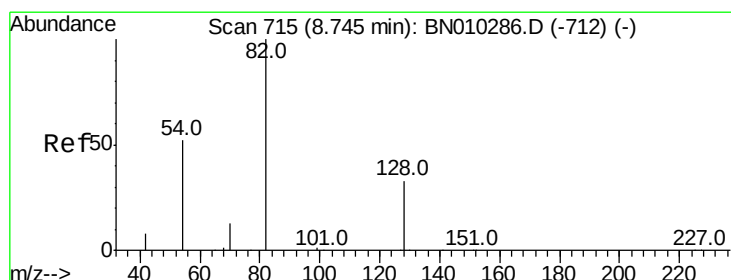
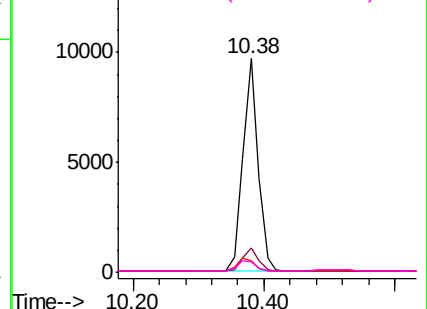


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.577 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

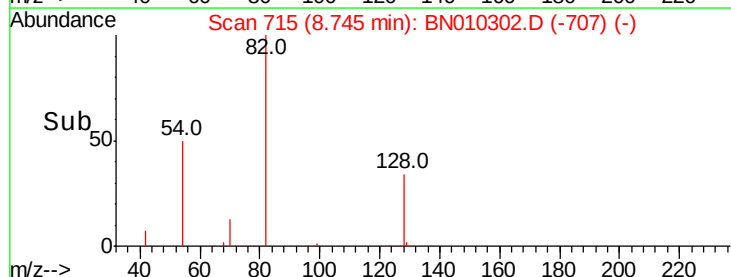
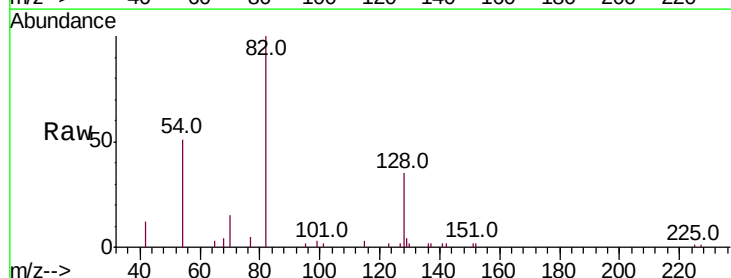
Tgt Ion: 82 Resp: 5744

Ion Ratio Lower Upper

82 100

128 35.2 28.8 43.2

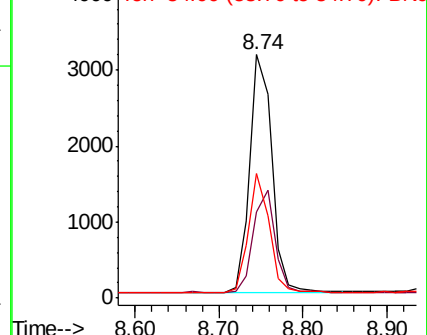
54 51.1 42.1 63.1

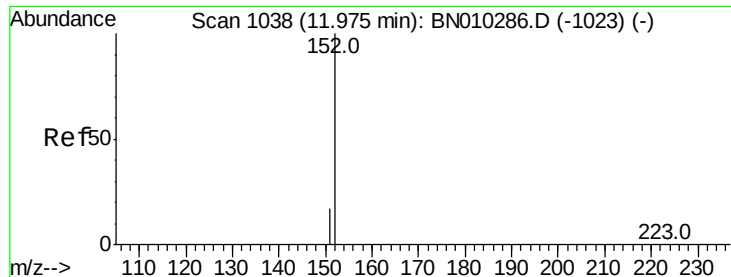


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

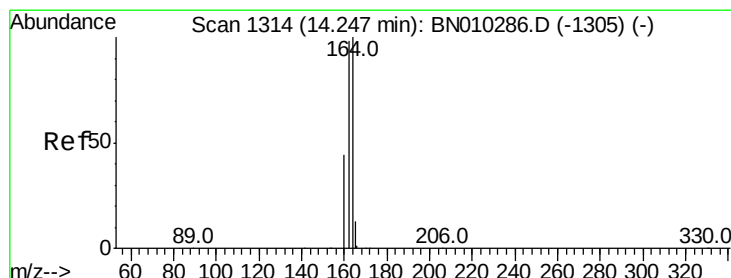
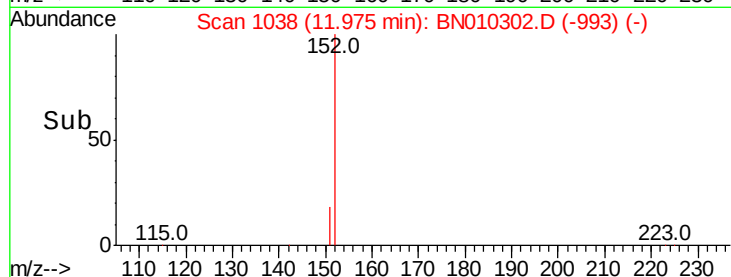
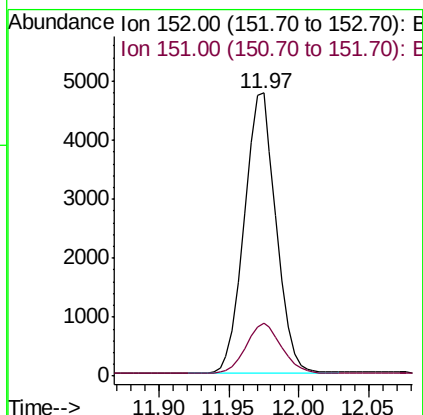
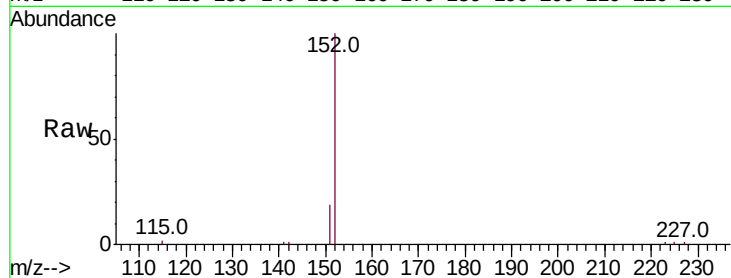




#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BN010302.D
Acq: 19 Mar 2020 23:27

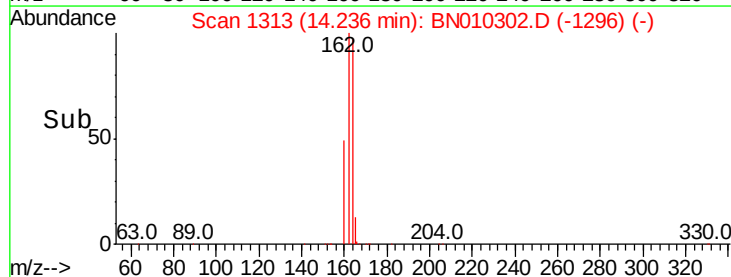
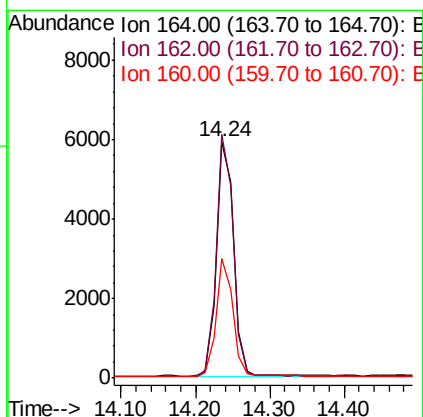
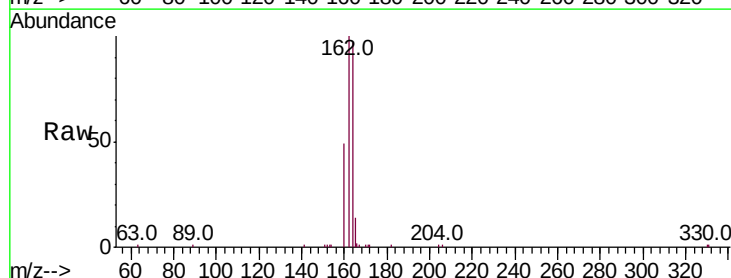
Instrument :
BNA_N
ClientSampleId :

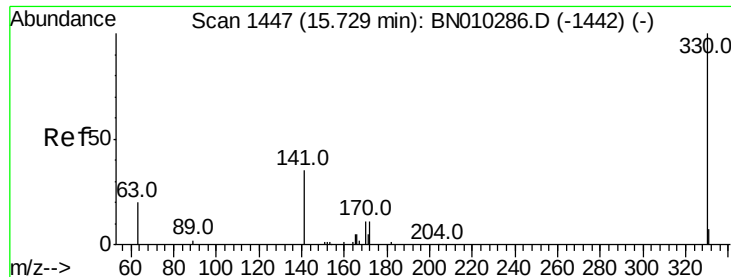
Tot Ion:152 Resp: 7508
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010302.D
Acq: 19 Mar 2020 23:27

Tgt Ion:164 Resp: 9355
Ion Ratio Lower Upper
164 100
162 103.1 78.2 117.2
160 50.6 35.8 53.6

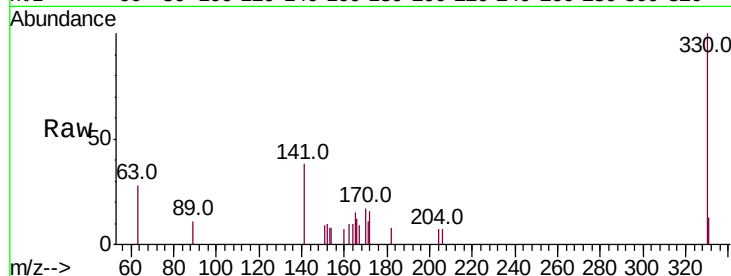




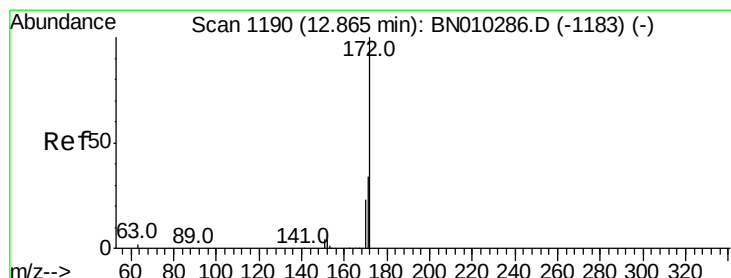
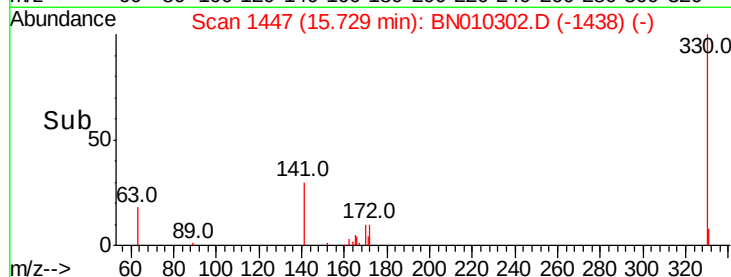
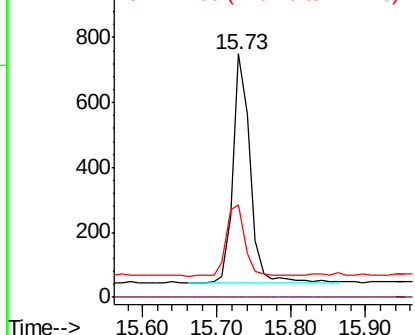
#14
 2,4,6-Tribromophenol
 Concen: 0.311 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BN010302.D
 Acq: 19 Mar 2020 23:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1119
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.6 29.3 43.9

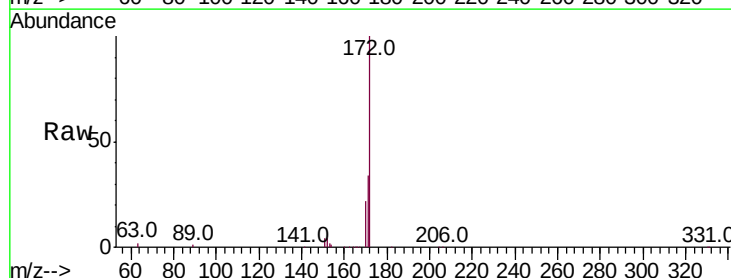


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

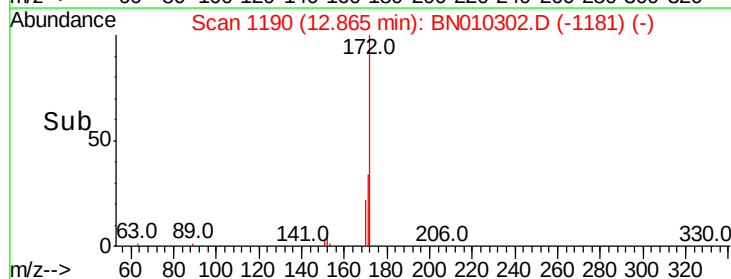
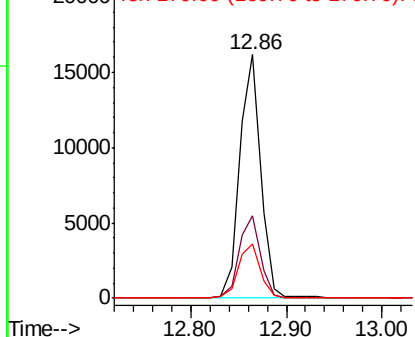


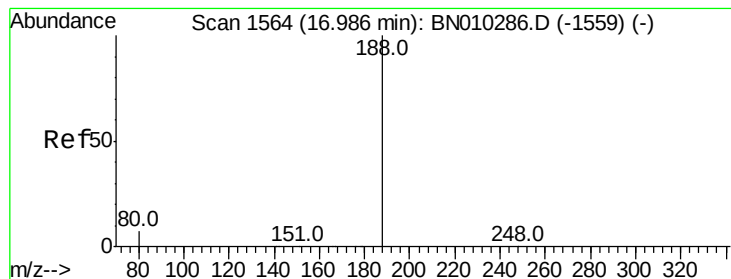
#15
 2-Fluorobiphenyl
 Concen: 0.679 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BN010302.D
 Acq: 19 Mar 2020 23:27

Tgt Ion:172 Resp: 24319
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.6 41.4
 170 22.0 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: BN010302.D

Acq: 19 Mar 2020 23:27

Instrument :

BNA_N

ClientSampleId :

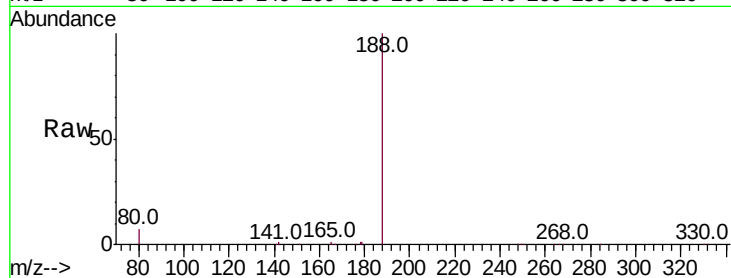
Tot Ion:188 Resp: 22166

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

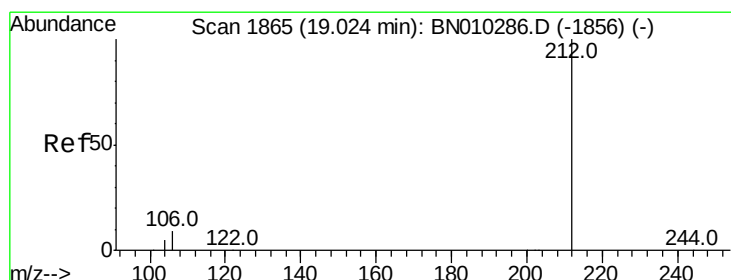
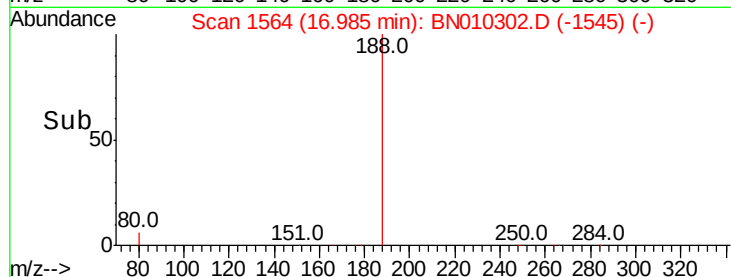
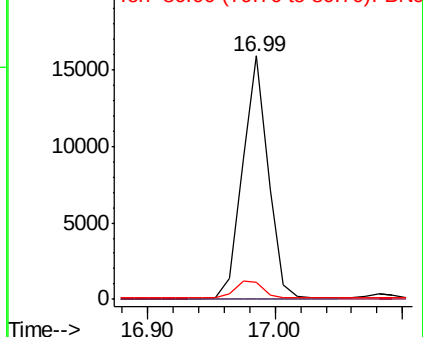
80 6.9 6.0 9.0



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



#25

Fluoranthene-d10

Concen: 0.303 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

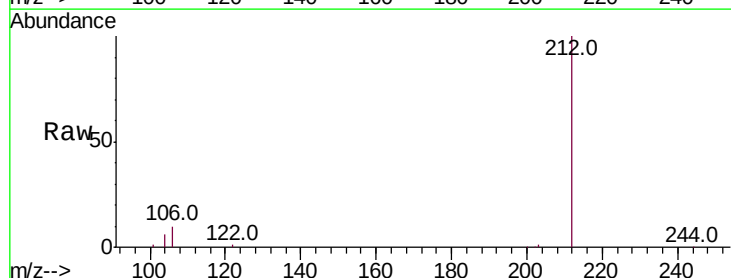
Tgt Ion:212 Resp: 20259

Ion Ratio Lower Upper

212 100

106 9.3 7.4 11.2

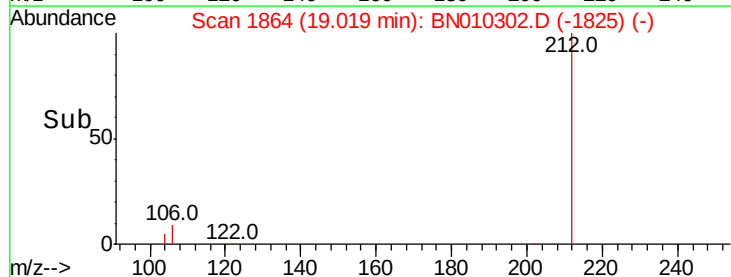
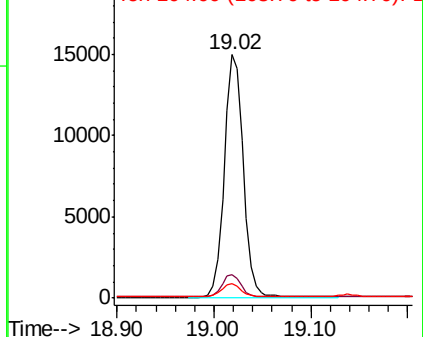
104 5.3 4.2 6.4

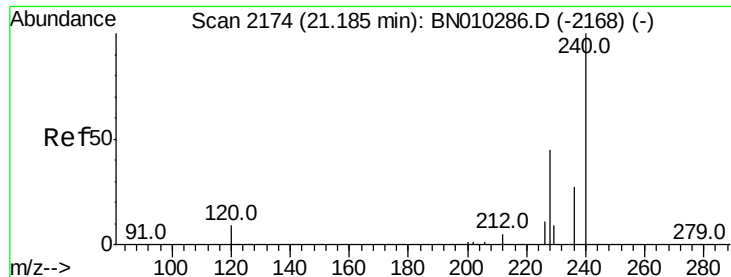


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN010302.D

Acq: 19 Mar 2020 23:27

Instrument :

BNA_N

ClientSampleId :

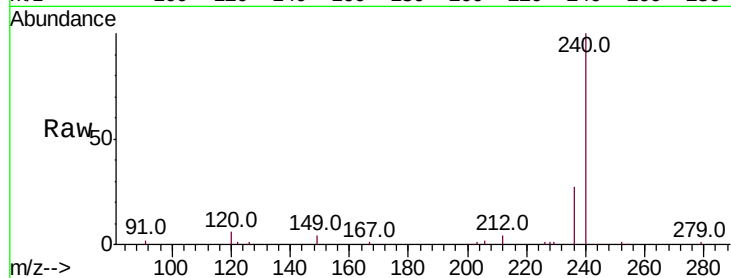
Tot Ion:240 Resp: 24434

Ion Ratio Lower Upper

240 100

120 5.9 7.9 11.9#

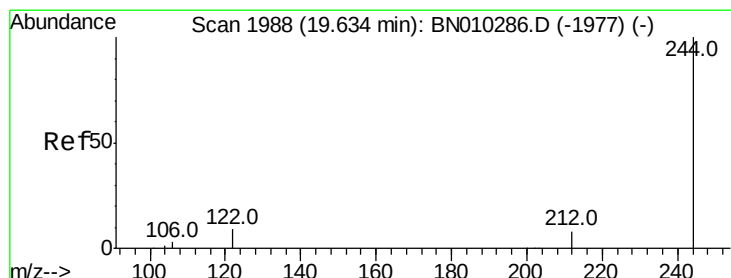
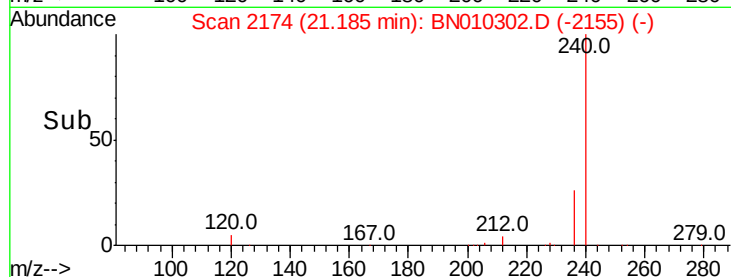
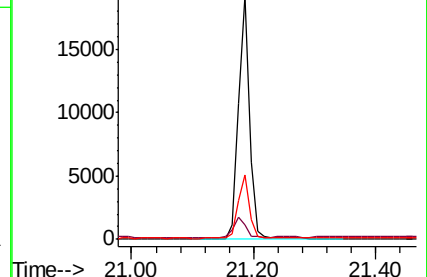
236 26.5 22.2 33.4



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: 0.581 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

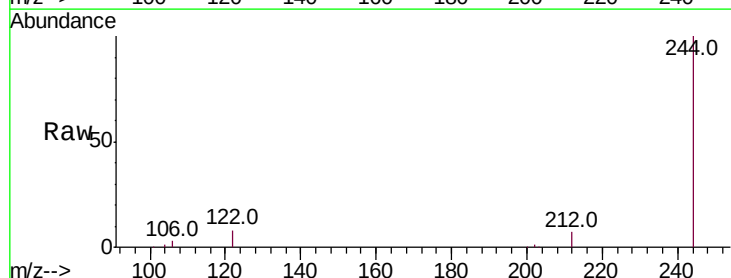
Tgt Ion:244 Resp: 30662

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

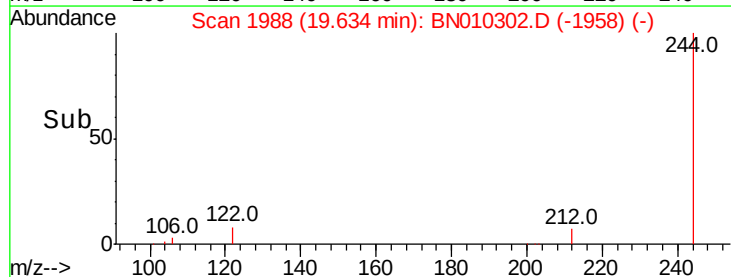
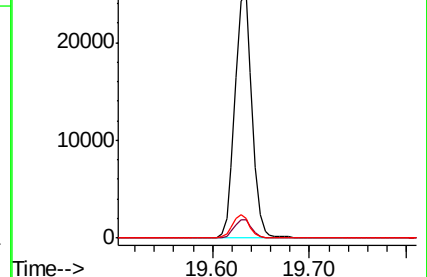
122 8.0 7.6 11.4

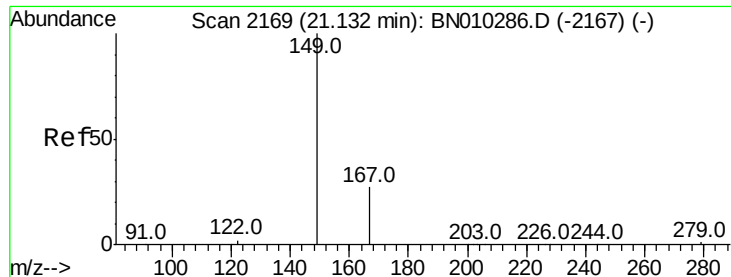


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

Instrument :

BNA_N

ClientSampleId :

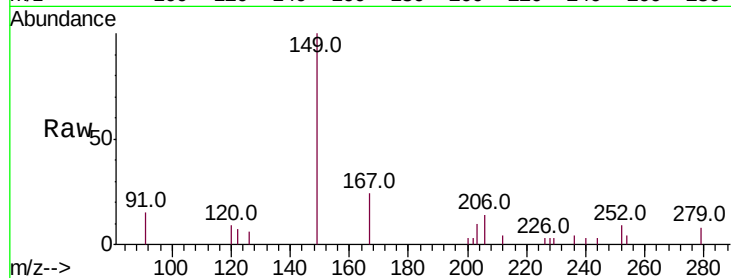
Tot Ion:149 Resp: 1464

Ion Ratio Lower Upper

149 100

167 30.7 23.0 34.6

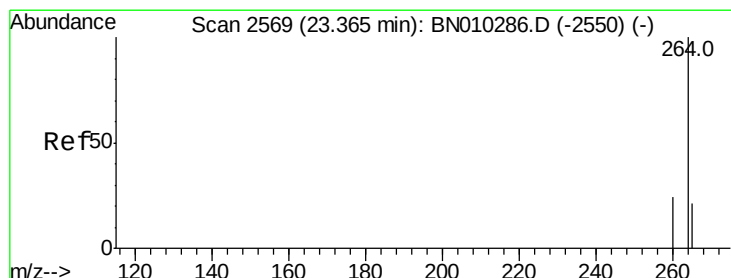
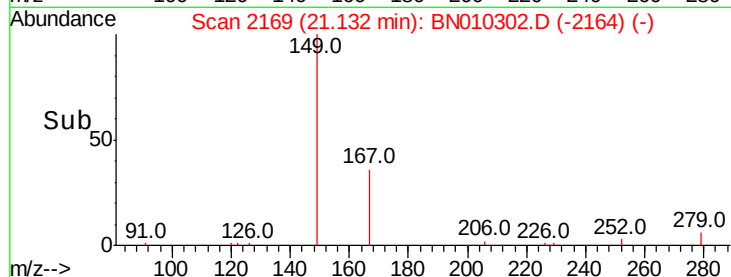
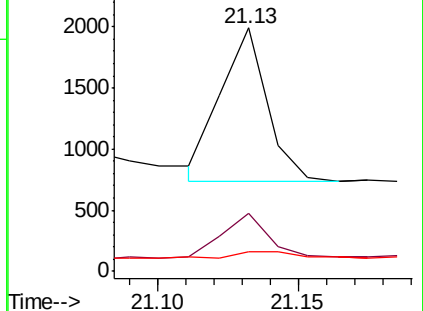
279 5.3 3.8 5.8



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: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010302.D

Acq: 19 Mar 2020 23:27

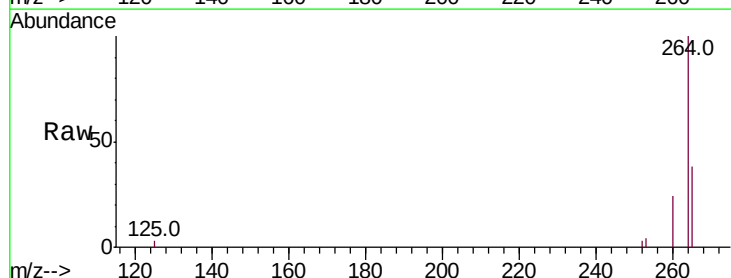
Tgt Ion:264 Resp: 25806

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 38.1 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

