

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010341.D
 Acq On : 25 Mar 2020 00:04
 Operator : CG/JU
 Sample : L1997-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20200317

Quant Time: Mar 25 02:06:10 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

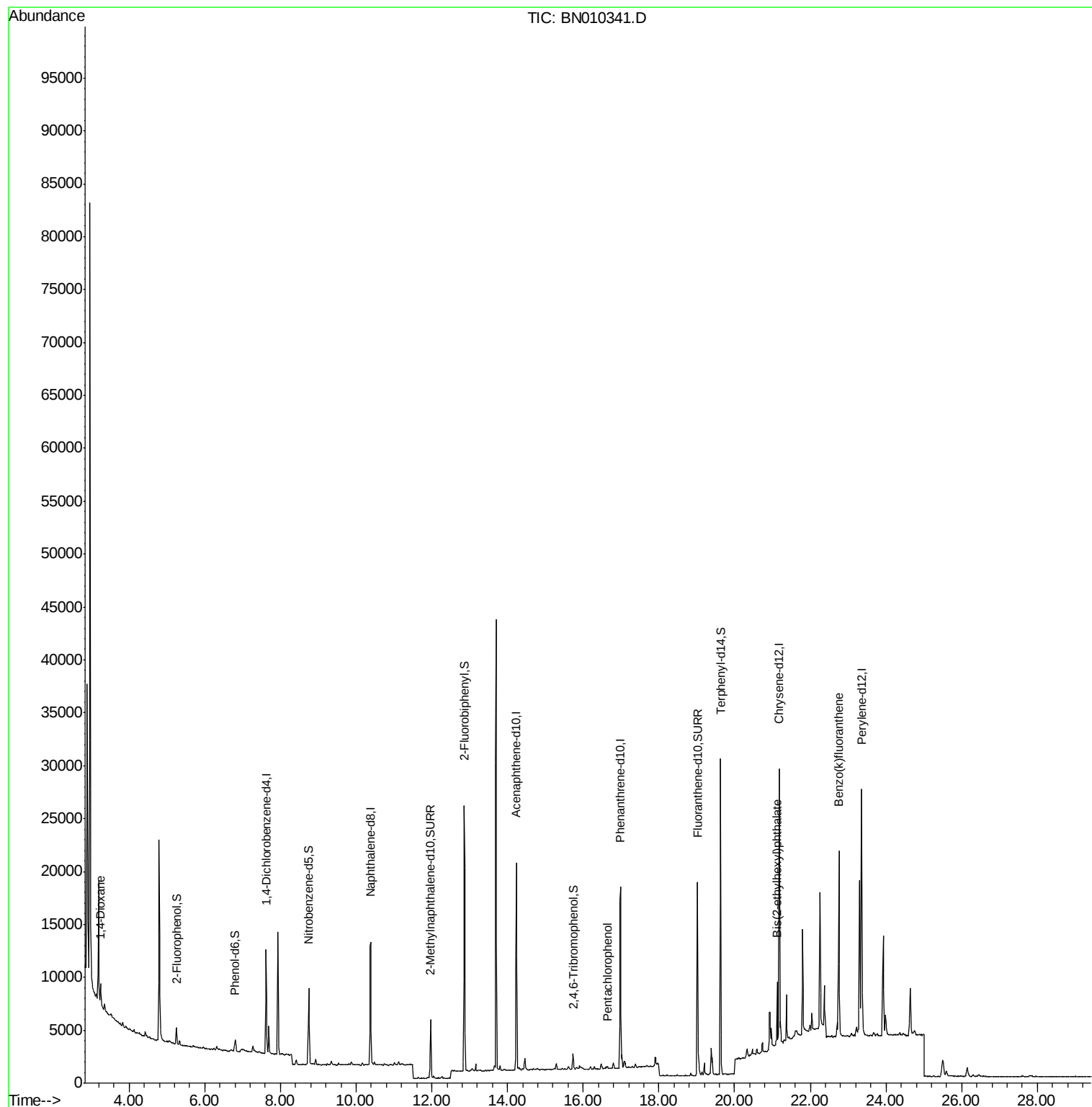
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4999	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	17825	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	10694	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	25263	0.40	ng	0.00
27) Chrysene-d12	21.17	240	26229	0.40	ng	-0.01
34) Perylene-d12	23.35	264	29825	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1386	0.14	ng	0.00
5) Phenol-d6	6.80	99	1057	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	5695	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7563	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1152	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	22362	0.55	ng	-0.01
25) Fluoranthene-d10	19.02	212	21110	0.28	ng	0.00
29) Terphenyl-d14	19.63	244	29421	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	1296	0.276	ng	# 87
22) Pentachlorophenol	16.65	266	148	0.027	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.12	149	5299	0.188	ng	100
36) Benzo(k)fluoranthene	22.75	252	3449	0.033	ng	# 1

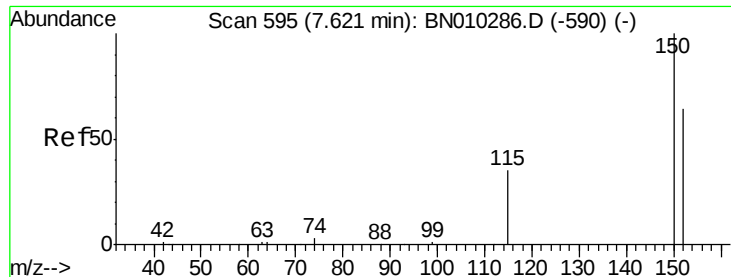
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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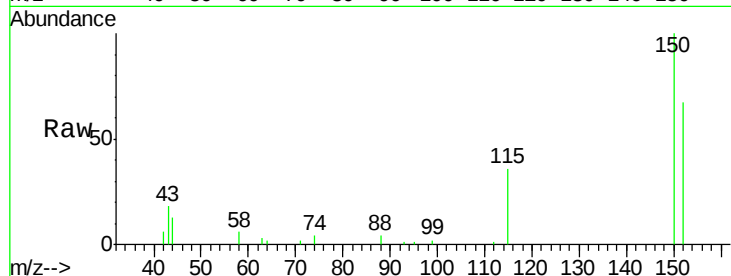


#1

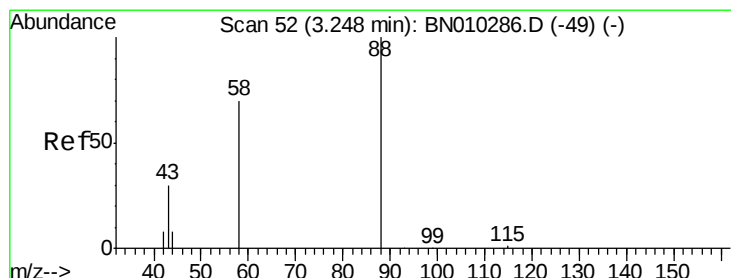
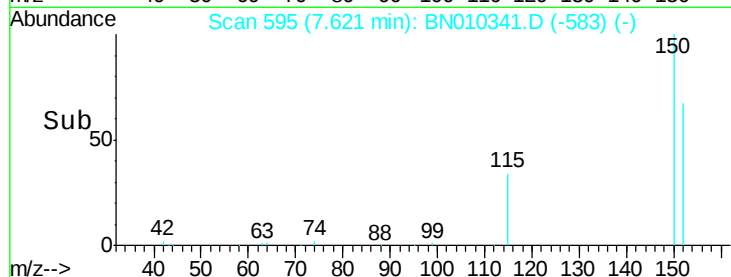
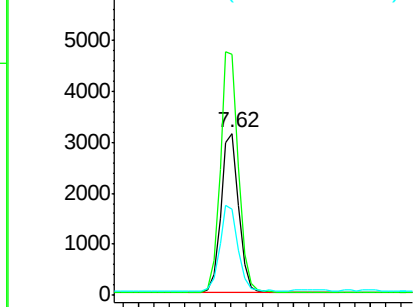
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

Instrument :
BNA_N
ClientSampleId :
MW202D1-20200317

Tot Ion:152 Resp: 4999
Ion Ratio Lower Upper
152 100
150 149.0 123.1 184.7
115 53.5 45.2 67.8



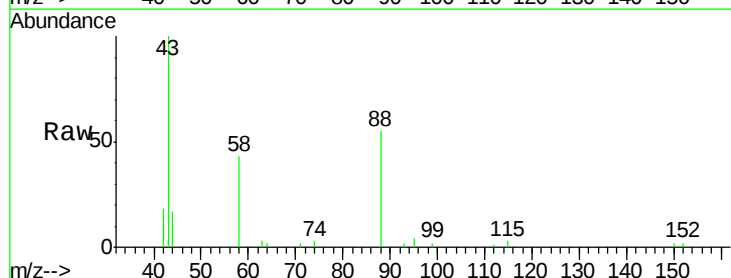
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



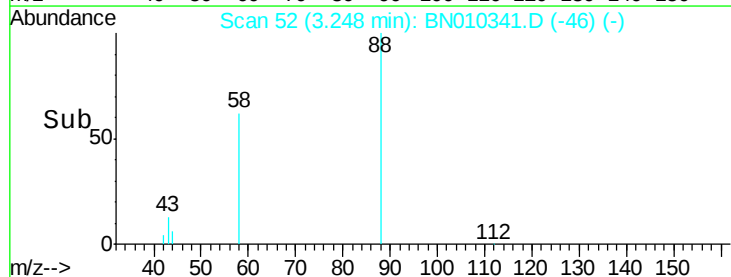
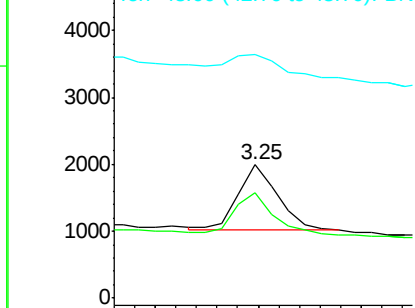
#2

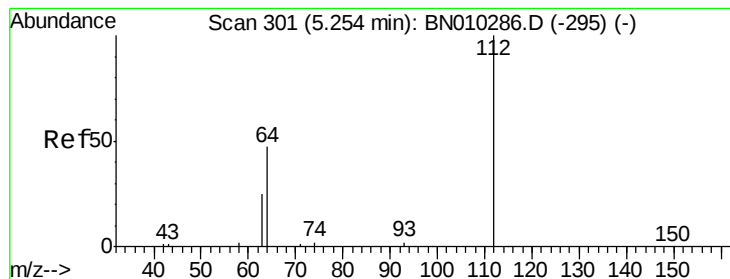
1,4-Dioxane
Concen: 0.276 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

Tgt Ion: 88 Resp: 1296
Ion Ratio Lower Upper
88 100
58 64.9 51.7 77.5
43 48.6 21.2 31.8#



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: 0.140 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

Instrument :

BNA_N

ClientSampleId :

MW202D1-20200317

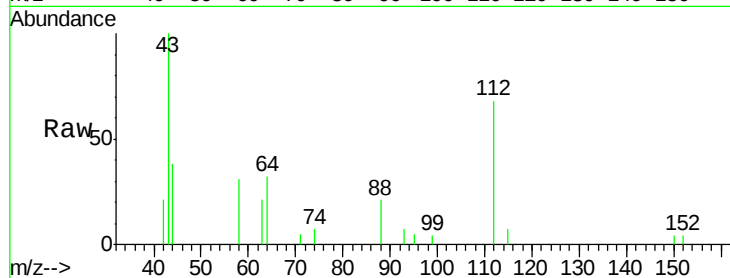
Tot Ion:112 Resp: 1386

Ion Ratio Lower Upper

112 100

64 53.0 41.4 62.2

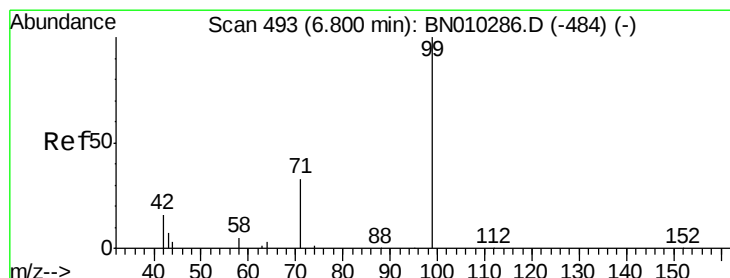
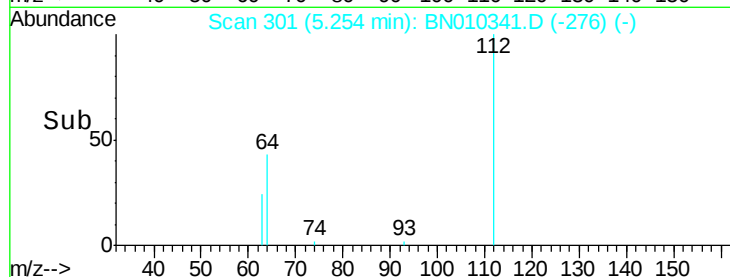
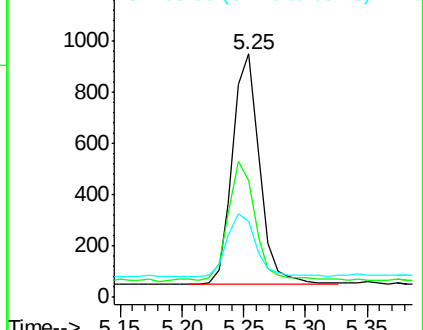
63 28.9 22.9 34.3



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: 0.086 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

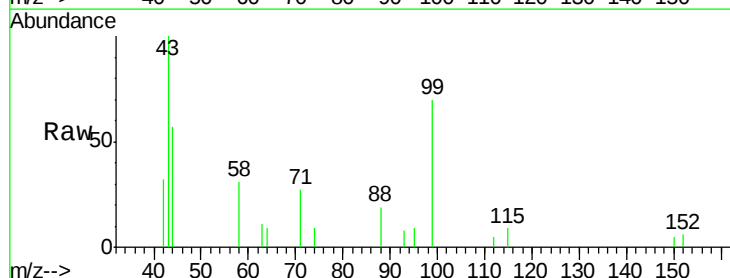
Tgt Ion: 99 Resp: 1057

Ion Ratio Lower Upper

99 100

42 29.8 14.8 22.2#

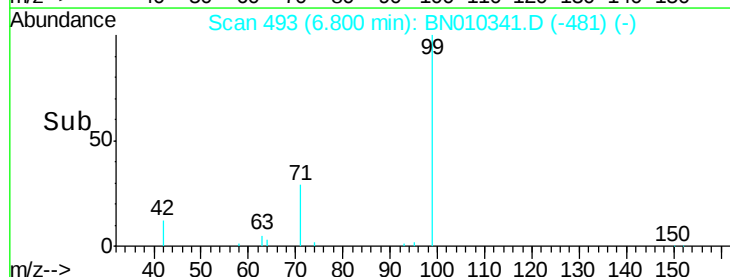
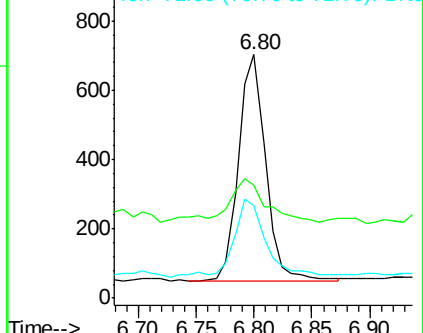
71 41.8 27.3 40.9#

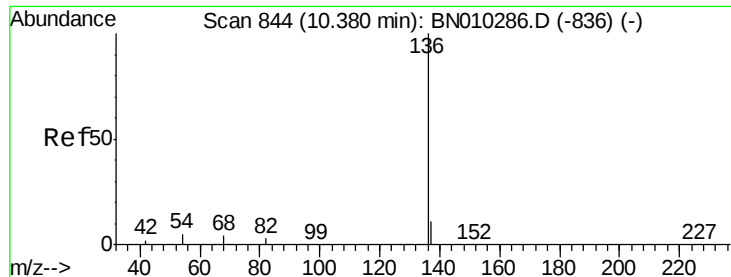


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: BN010341.D

Acq: 25 Mar 2020 00:04

Instrument :

BNA_N

ClientSampleId :

MW202D1-20200317

Tot Ion:136 Resp: 17825

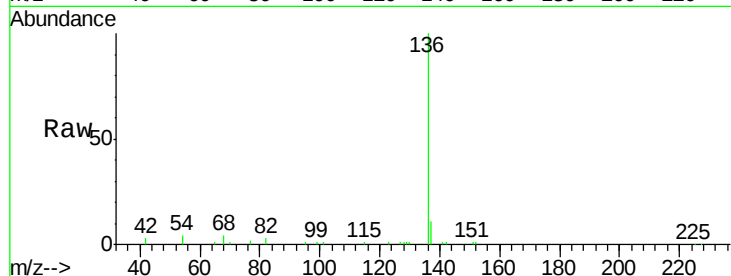
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 4.2 4.8 7.2#

68 3.7 4.1 6.1#

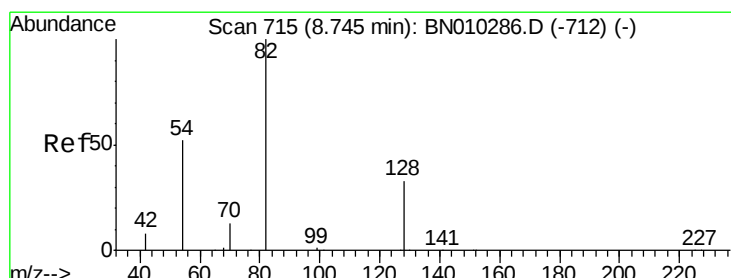
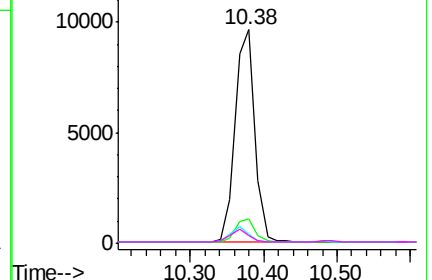
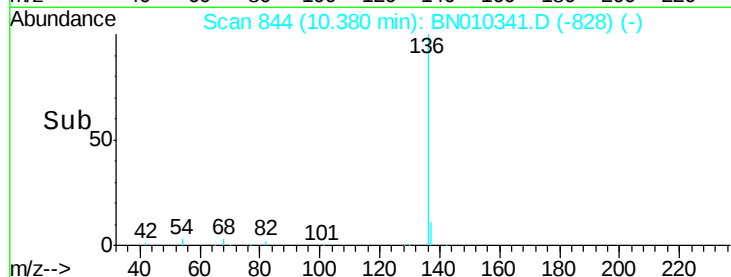


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.499 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

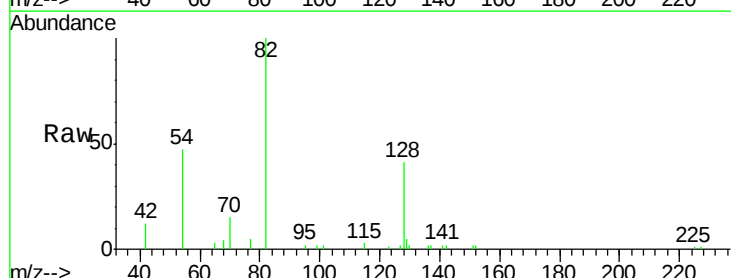
Tgt Ion: 82 Resp: 5695

Ion Ratio Lower Upper

82 100

128 40.7 28.8 43.2

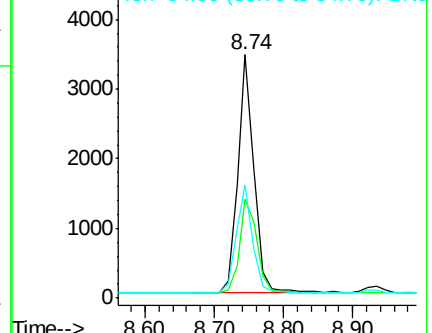
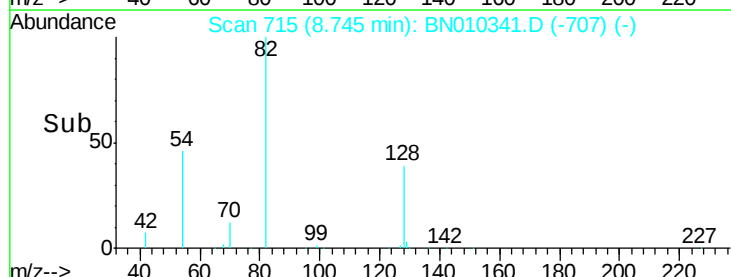
54 46.7 42.1 63.1

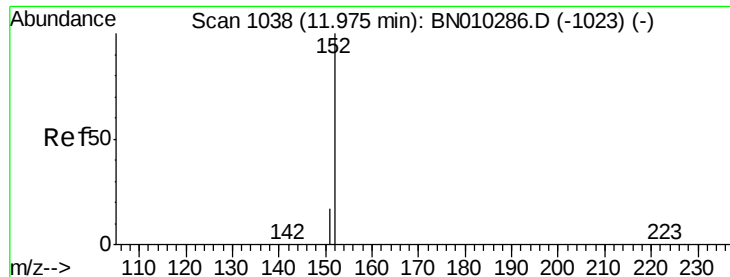


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

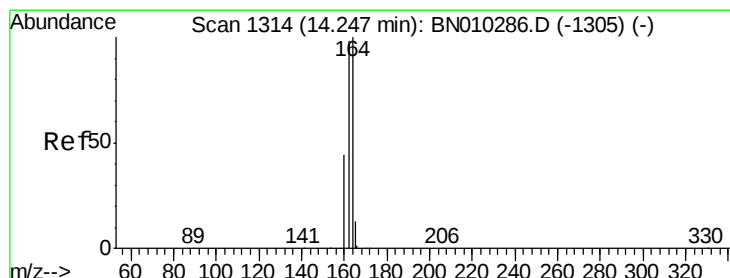
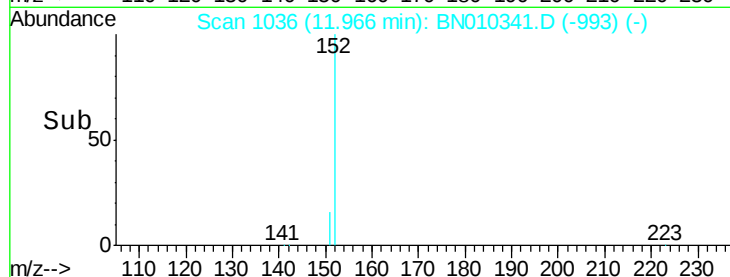
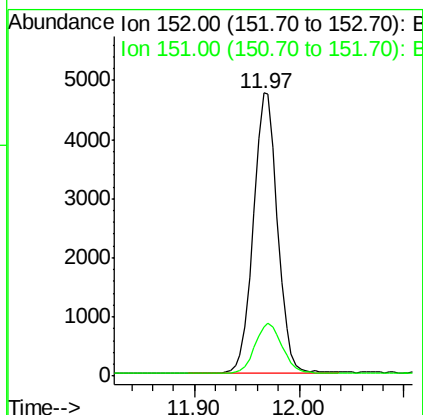
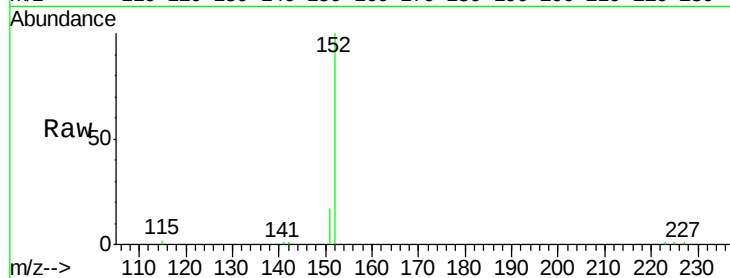




#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

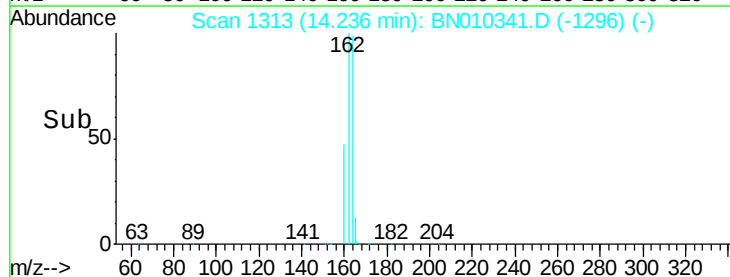
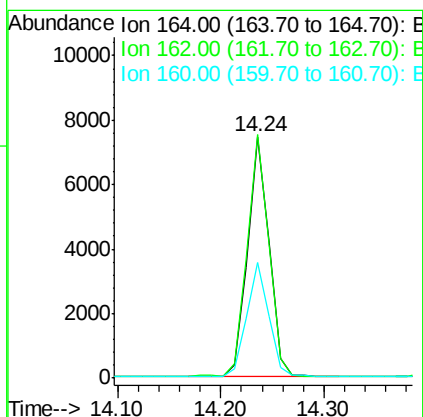
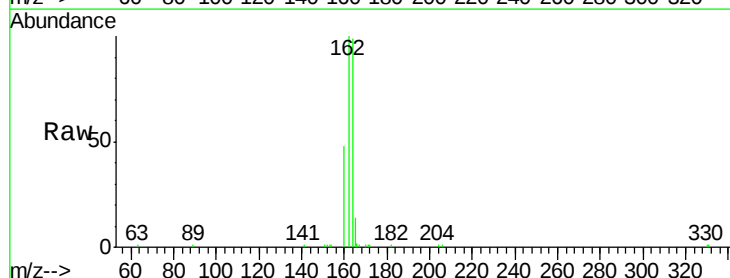
Instrument :
BNA_N
ClientSampleId :
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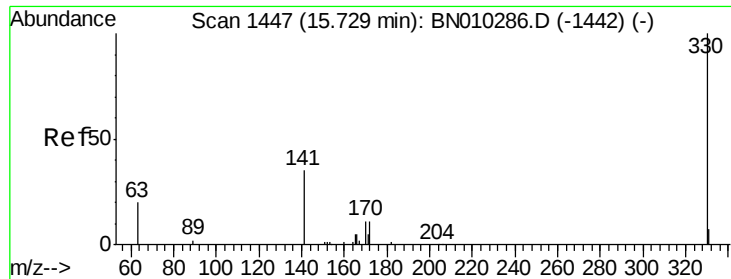
Tot Ion:152 Resp: 7563
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

Tgt Ion:164 Resp: 10694
Ion Ratio Lower Upper
164 100
162 100.7 78.2 117.2
160 48.1 35.8 53.6

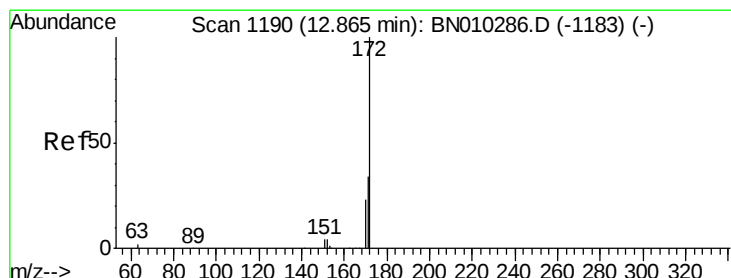
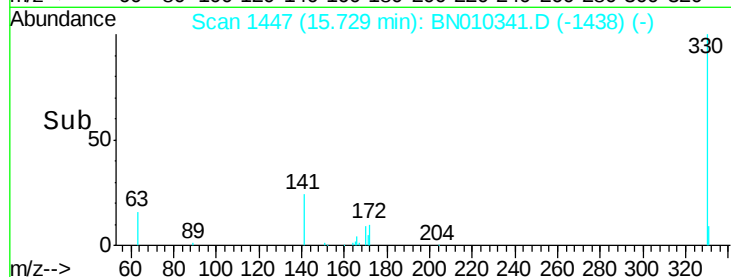
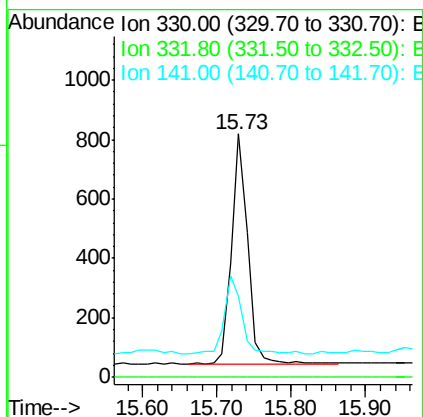
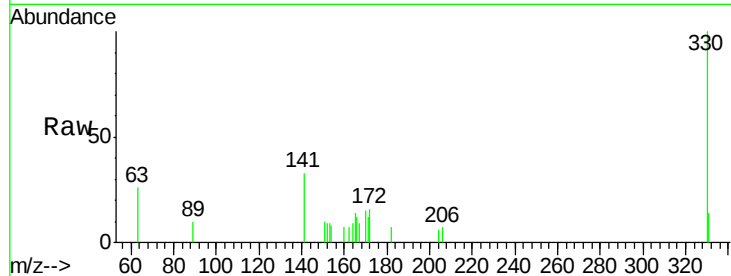




#14
 2,4,6-Tribromophenol
 Concen: 0.280 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010341.D
 Acq: 25 Mar 2020 00:04

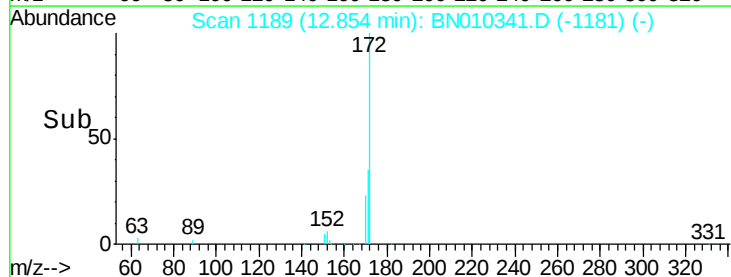
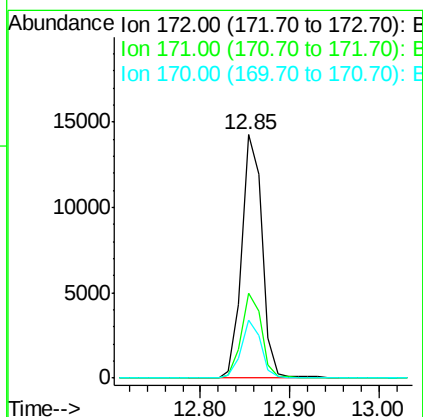
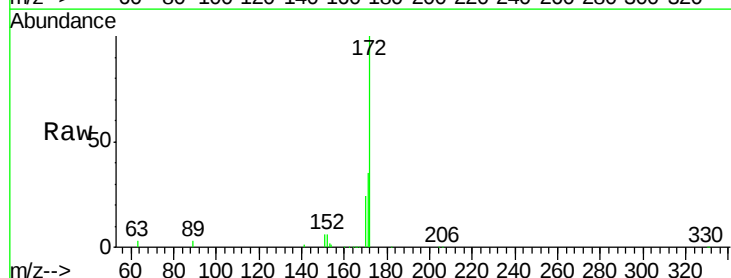
Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20200317

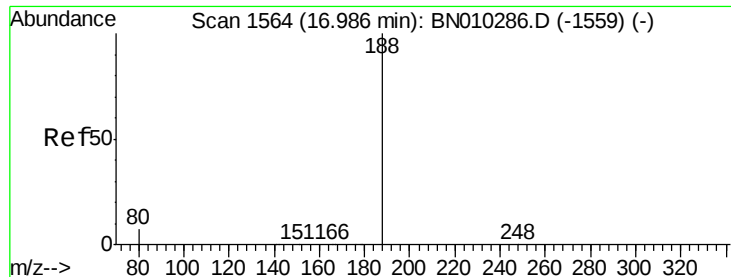
Tot Ion:330 Resp: 1152
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.5 29.3 43.9



#15
 2-Fluorobiphenyl
 Concen: 0.546 ng
 RT: 12.85 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BN010341.D
 Acq: 25 Mar 2020 00:04

Tgt Ion:172 Resp: 22362
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.6 41.4
 170 23.7 18.5 27.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

Instrument :

BNA_N

ClientSampleId :

MW202D1-20200317

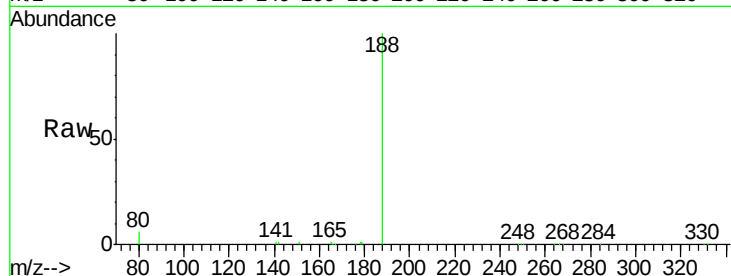
Tot Ion:188 Resp: 25263

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

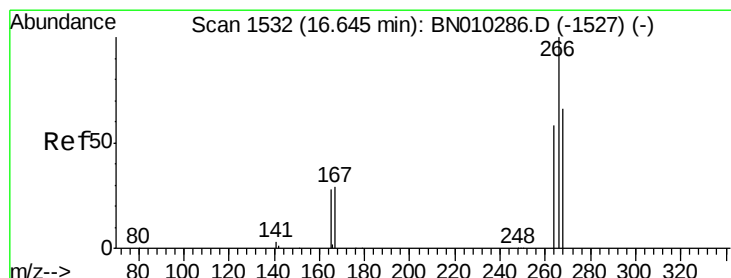
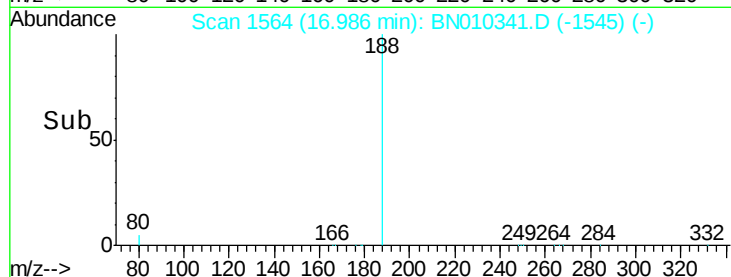
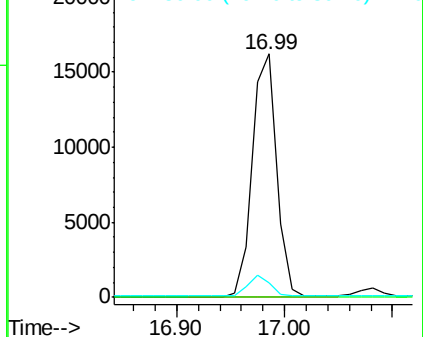
80 5.8 6.0 9.0#



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



#22

Pentachlorophenol

Concen: 0.027 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

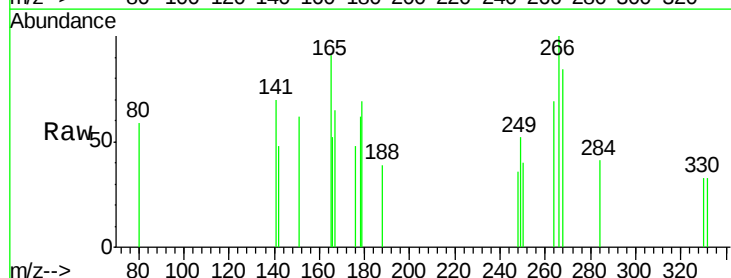
Tgt Ion:266 Resp: 148

Ion Ratio Lower Upper

266 100

264 68.8 47.7 71.5

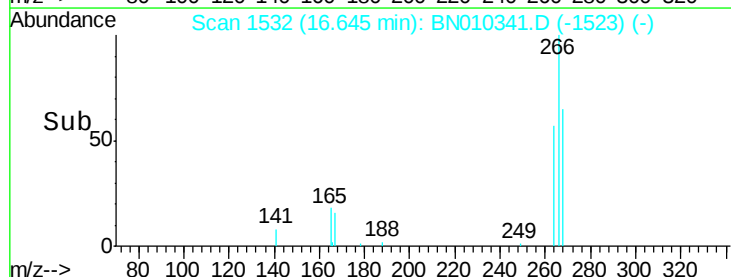
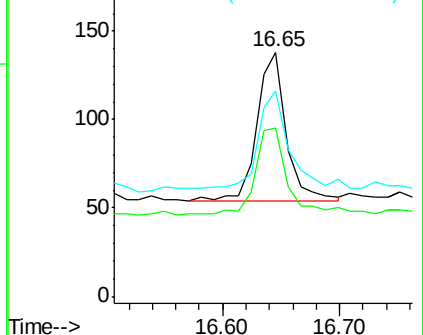
268 84.1 54.9 82.3#

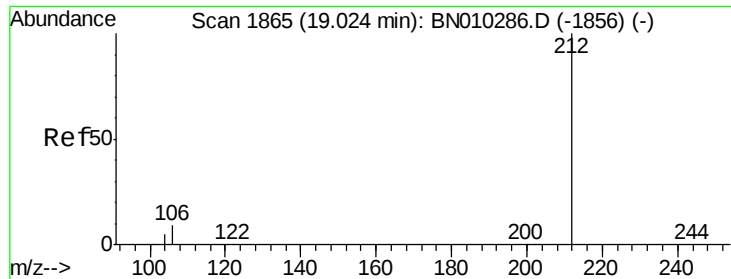


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.277 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

Instrument :

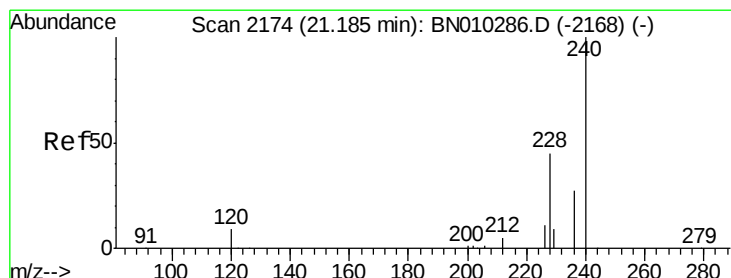
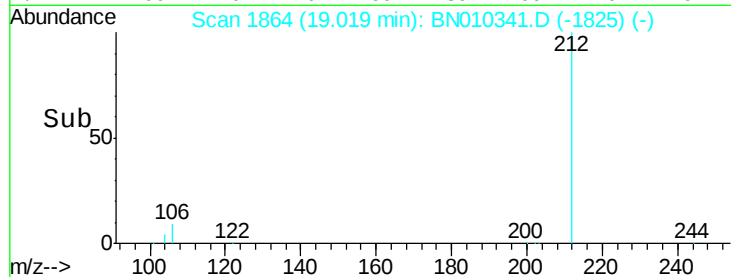
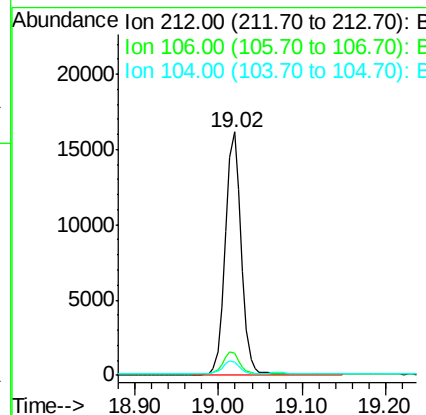
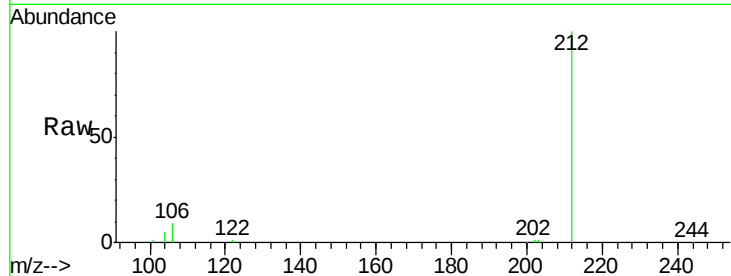
BNA_N

ClientSampleId :

MW202D1-20200317

Tot Ion:212 Resp: 21110

Ion	Ratio	Lower	Upper
212	100		
106	9.7	7.4	11.2
104	5.4	4.2	6.4



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.17 min Scan# 2173

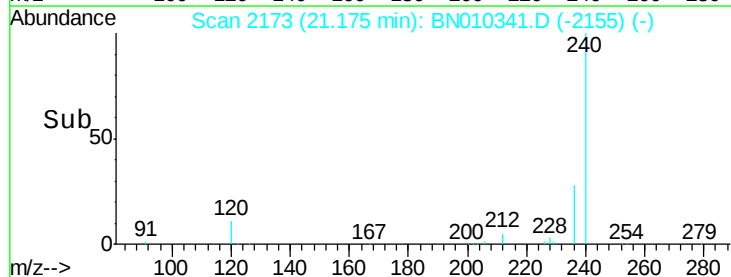
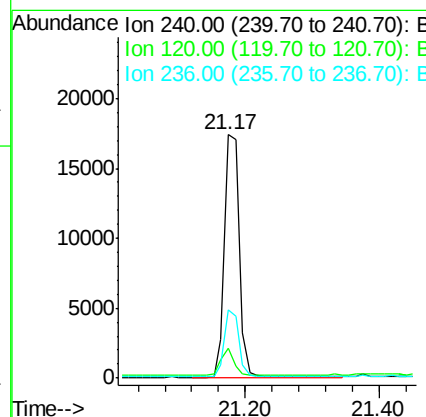
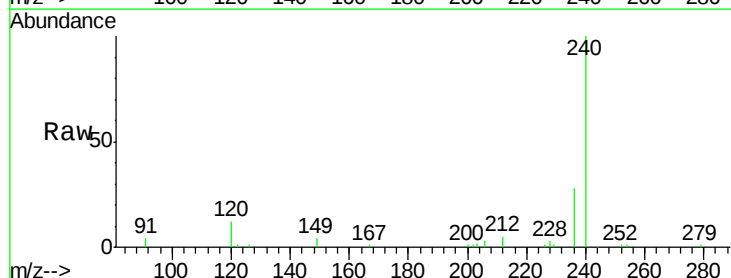
Delta R.T. -0.01 min

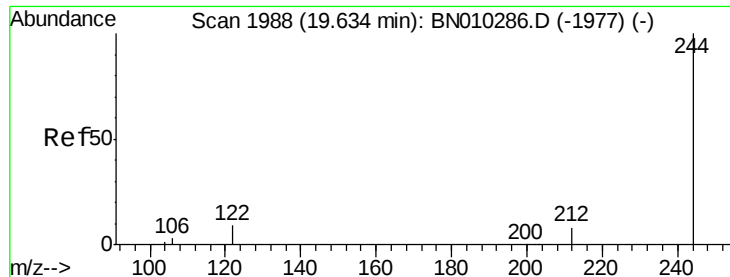
Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

Tgt Ion:240 Resp: 26229

Ion	Ratio	Lower	Upper
240	100		
120	12.0	7.9	11.9#
236	28.1	22.2	33.4





#29

Terphenyl-d14

Concen: 0.519 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

Instrument :

BNA_N

ClientSampleId :

MW202D1-20200317

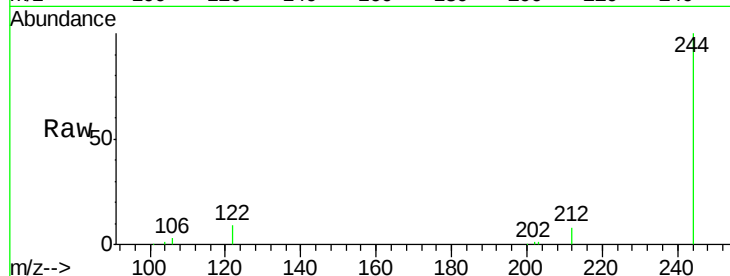
Tot Ion:244 Resp: 29421

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

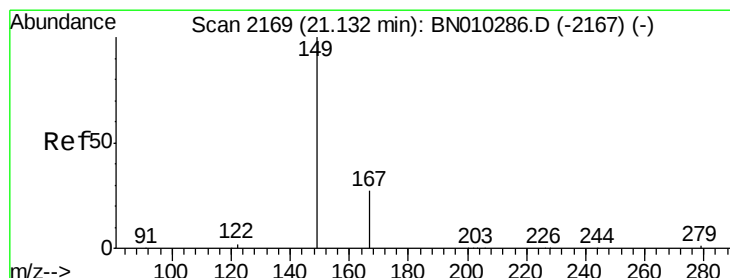
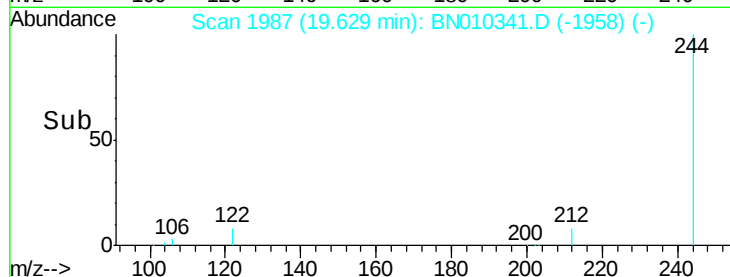
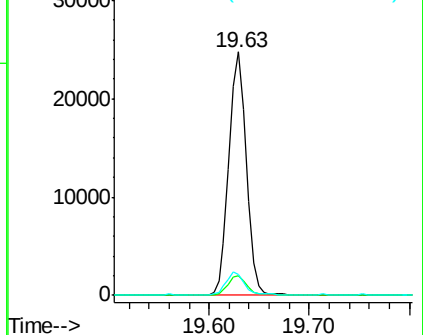
122 8.8 7.6 11.4



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: 0.188 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

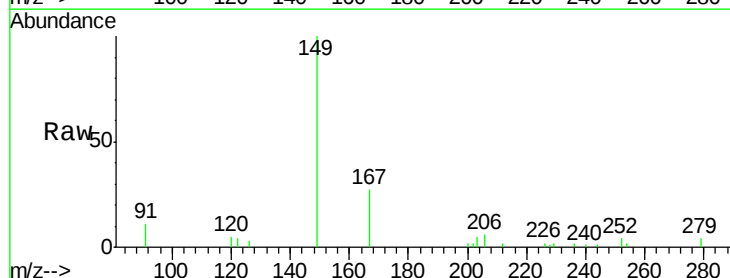
Tgt Ion:149 Resp: 5299

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

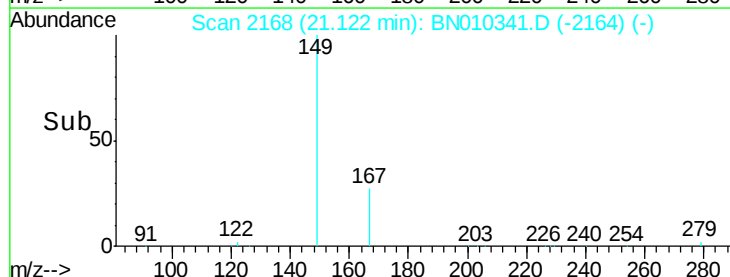
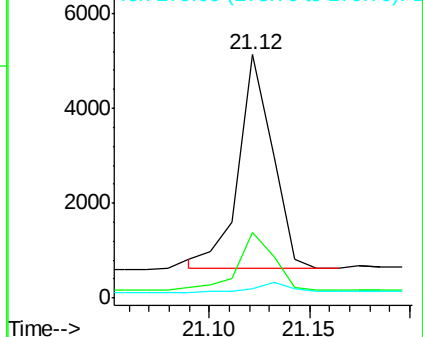
279 4.9 3.8 5.8

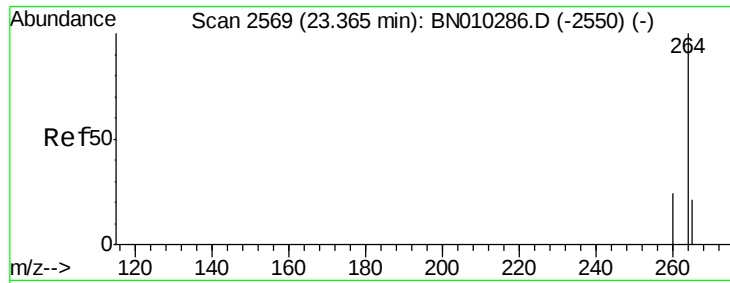


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

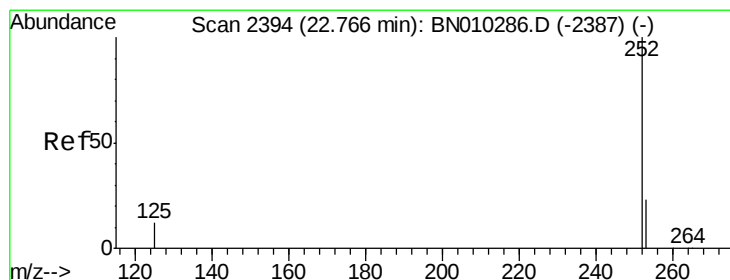
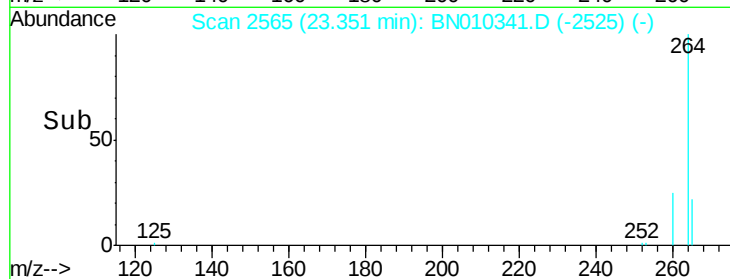
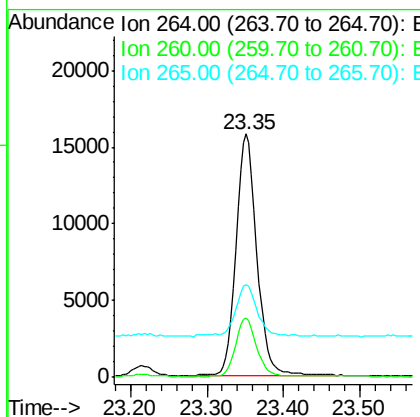
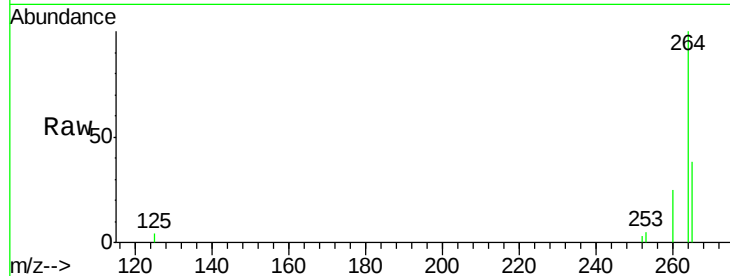




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.35 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BN010341.D
 Acq: 25 Mar 2020 00:04

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20200317

Tot Ion:264 Resp: 29825
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 38.3 32.4 48.6



#36
 Benzo(k)fluoranthene
 Concen: 0.033 ng
 RT: 22.75 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BN010341.D
 Acq: 25 Mar 2020 00:04

Tgt Ion:252 Resp: 3449
 Ion Ratio Lower Upper
 252 100
 253 119.0 19.4 29.0#
 125 460.8 10.2 15.2#

