

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 01:49:00 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

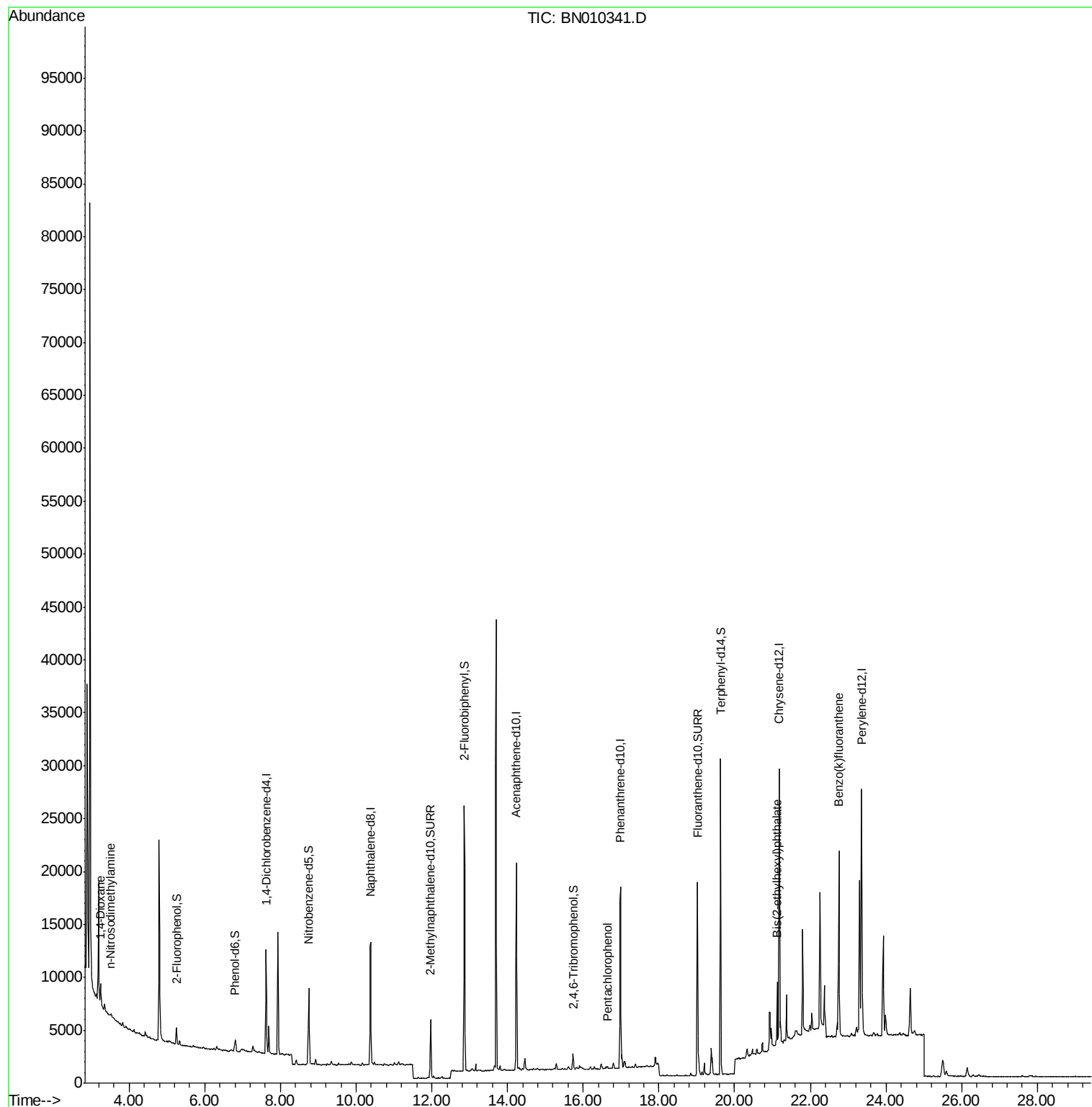
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	1296	0.276	ng	# 87
3) n-Nitrosodimethylamine	3.51	42	208	0.052	ng	# 1
22) Pentachlorophenol	16.65	266	148	0.027	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.12	149	5299	0.188	ng	100
36) Benzo(k)fluoranthene	22.75	252	3449	0.033	ng	# 1

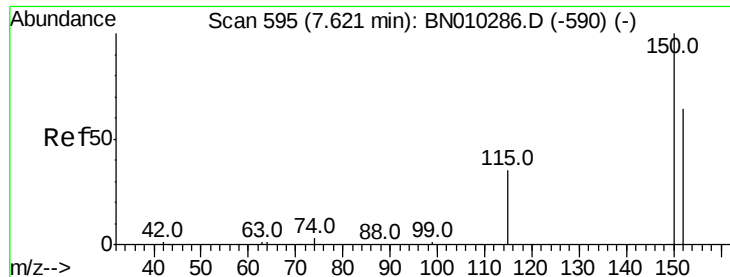
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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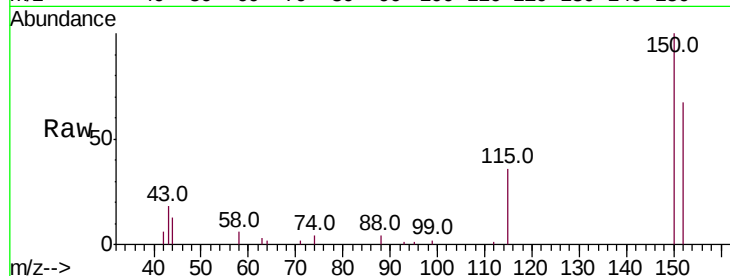


#1

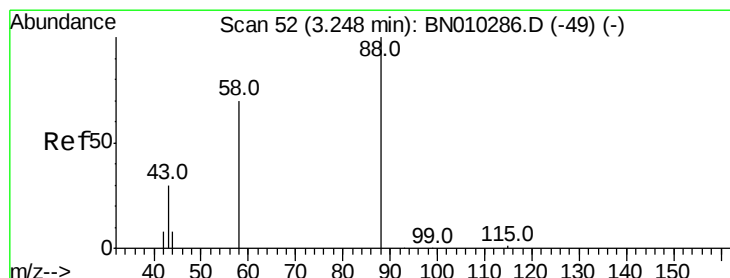
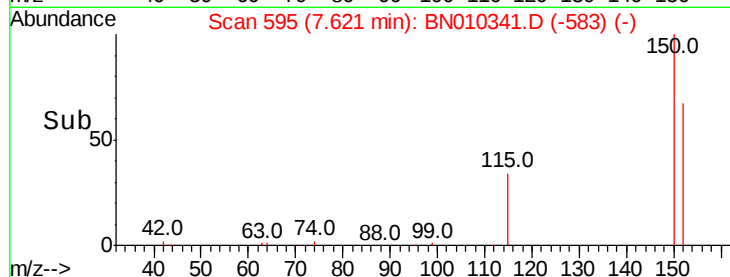
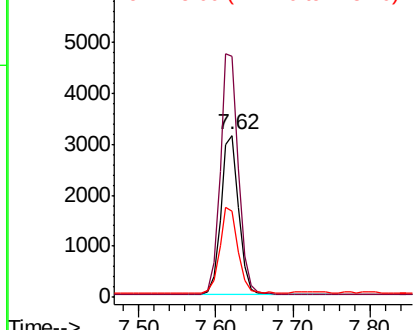
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

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



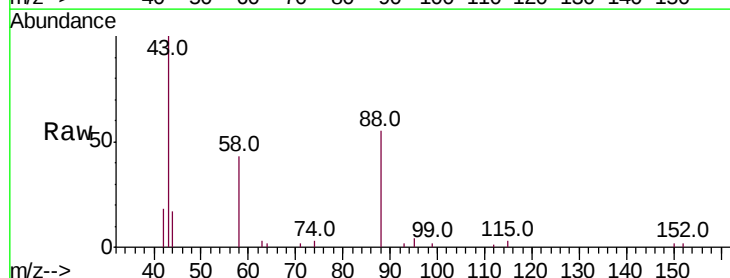
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



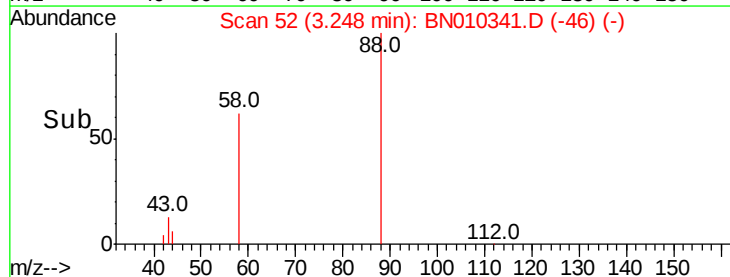
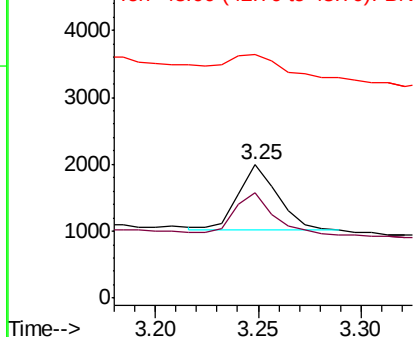
#2

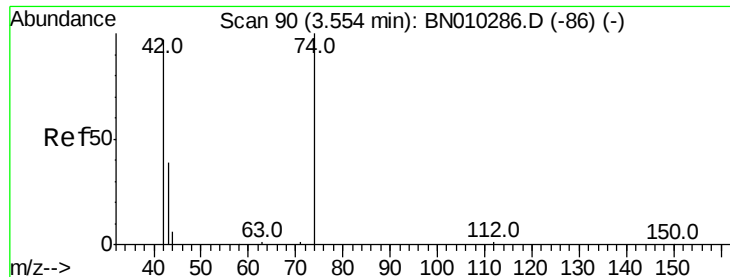
1,4-Dioxane
Concen: 0.276 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

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): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.052 ng

RT: 3.51 min Scan# 85

Delta R.T. -0.04 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

Instrument :

BNA_N

ClientSampleId :

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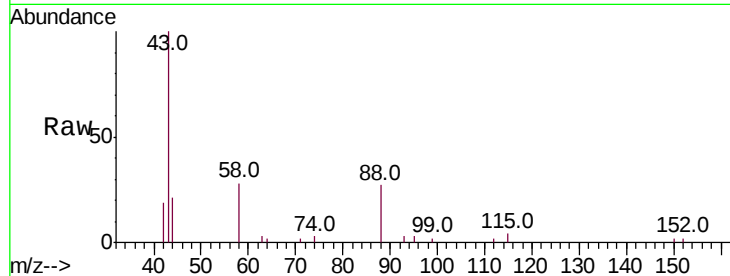
Tot Ion: 42 Resp: 208

Ion Ratio Lower Upper

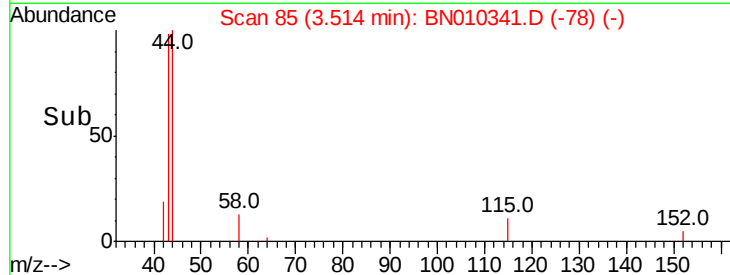
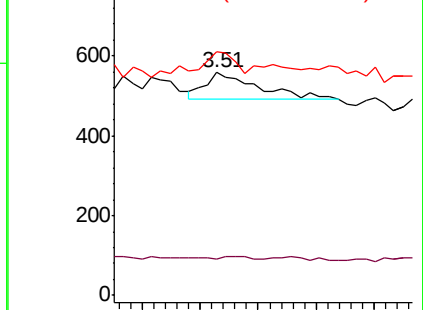
42 100

74 6.3 99.4 149.0#

44 46.2 4.8 7.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): 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

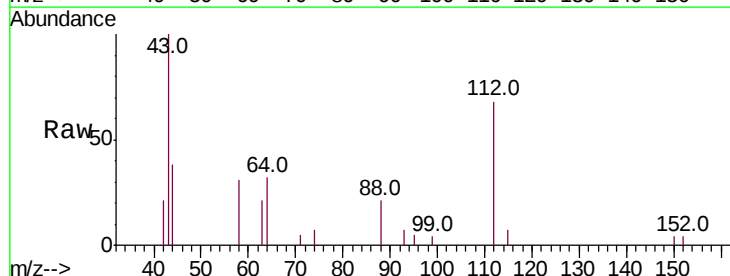
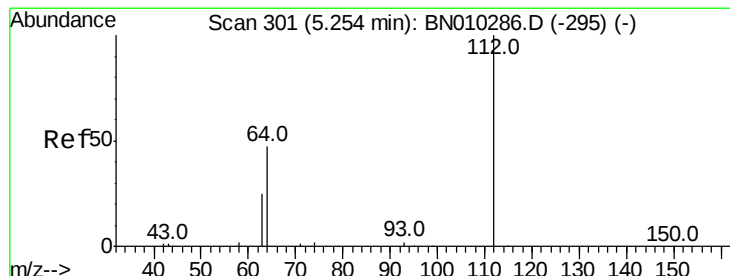
Tgt Ion: 112 Resp: 1386

Ion Ratio Lower Upper

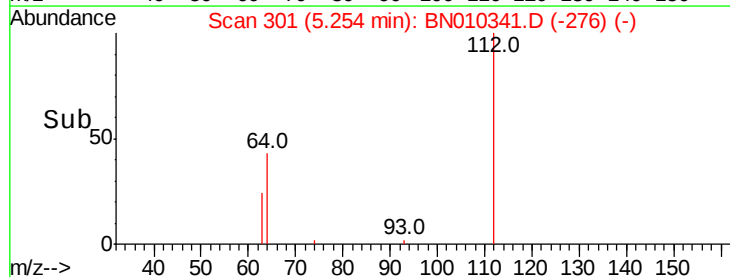
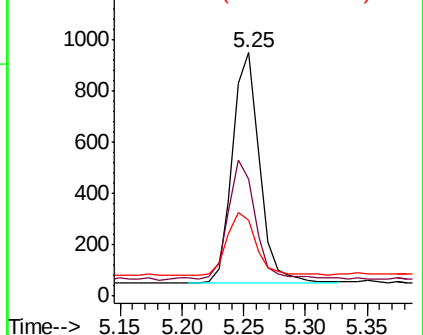
112 100

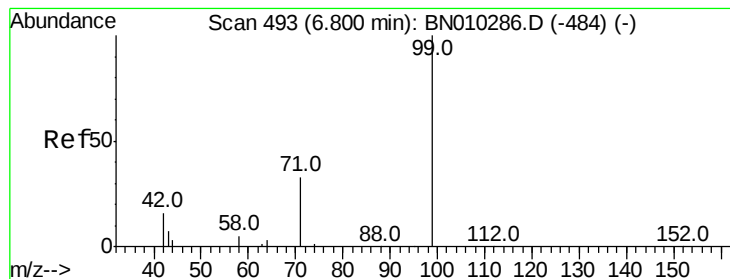
64 53.0 41.4 62.2

63 28.9 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#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

Instrument :

BNA_N

ClientSampleId :

MW202D1-20200317

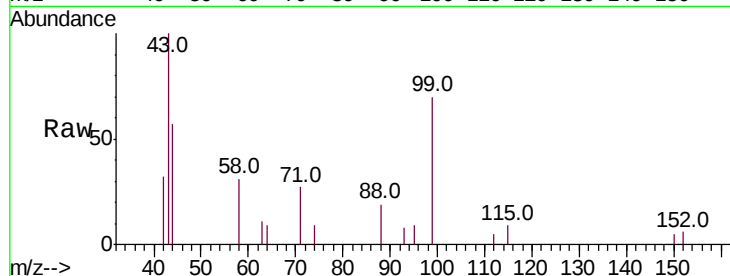
Tot Ion: 99 Resp: 1057

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): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)

6.80

800

600

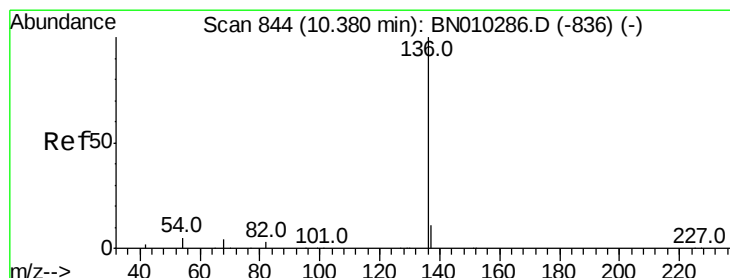
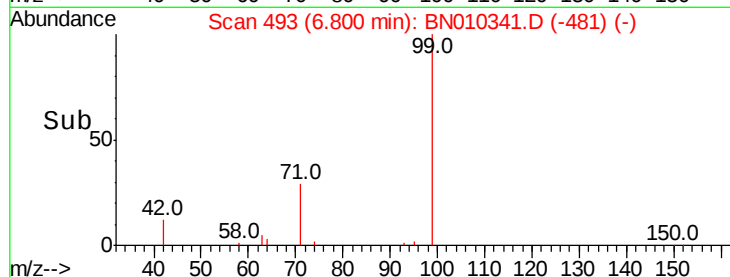
400

200

0

6.70 6.75 6.80 6.85 6.90

Time-->



#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

Tgt Ion: 136 Resp: 17825

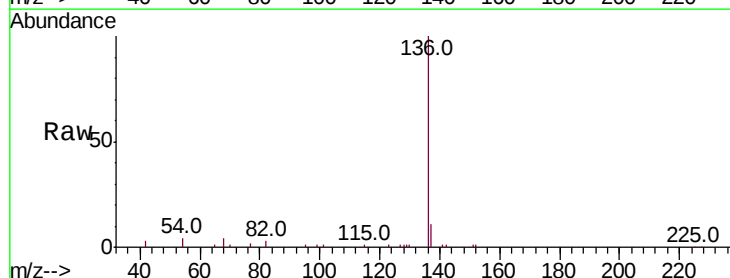
Ion Ratio Lower Upper

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): BN010286.D (-836) (-)

Ion 137.00 (136.70 to 137.70): BN010286.D (-836) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-836) (-)

Ion 68.00 (67.70 to 68.70): BN010286.D (-836) (-)

10.38

15000

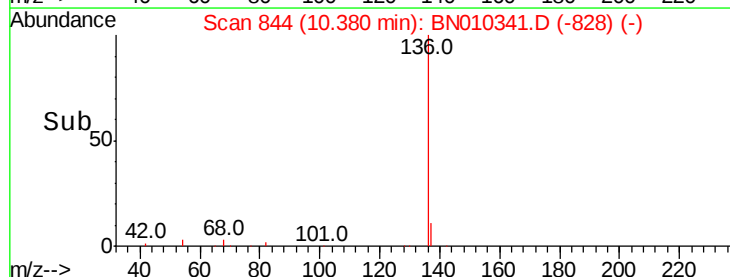
10000

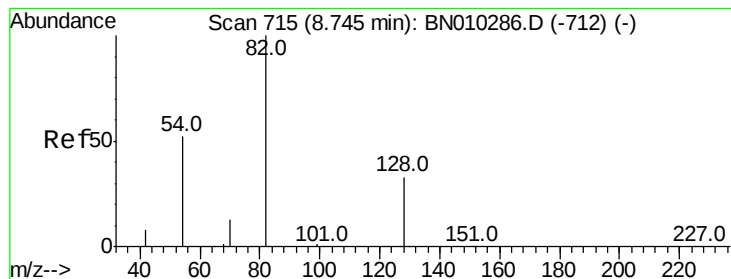
5000

0

10.30 10.40 10.50

Time-->





#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

Instrument :

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ClientSampleId :

MW202D1-20200317

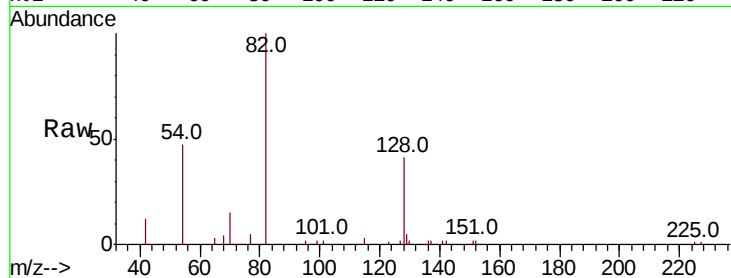
Tot Ion: 82 Resp: 5695

Ion Ratio Lower Upper

82 100

128 40.7 28.8 43.2

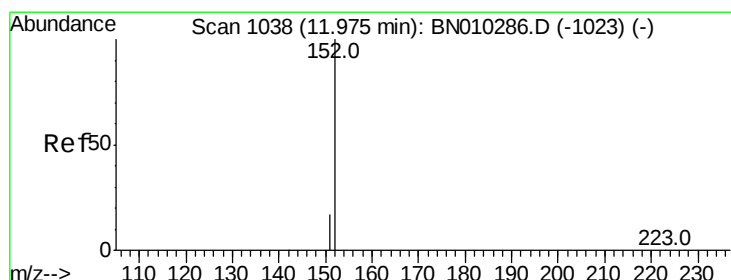
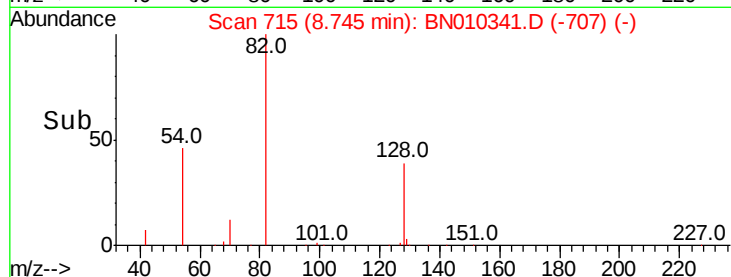
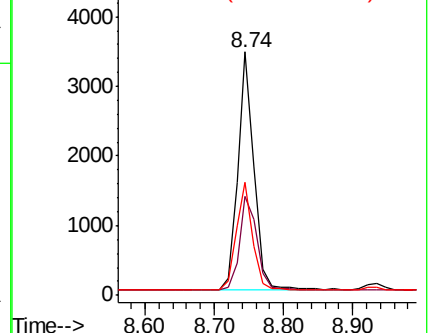
54 46.7 42.1 63.1



Abundance Ion 82.00 (81.70 to 82.70): BN010286.D (-712) (-)

Ion 128.00 (127.70 to 128.70): BN010286.D (-712) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-712) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.266 ng

RT: 11.97 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BN010341.D

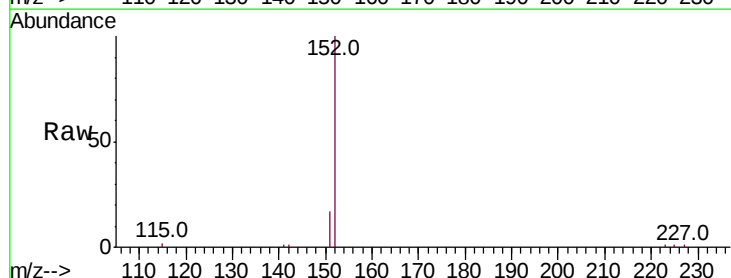
Acq: 25 Mar 2020 00:04

Tgt Ion: 152 Resp: 7563

Ion Ratio Lower Upper

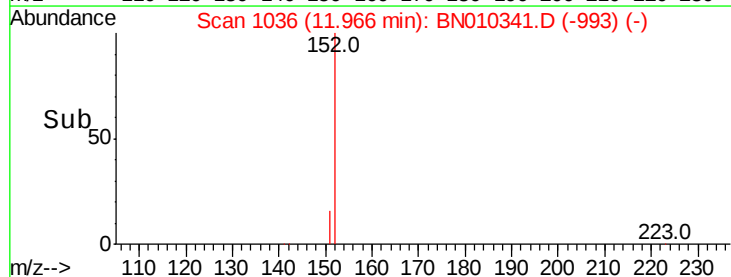
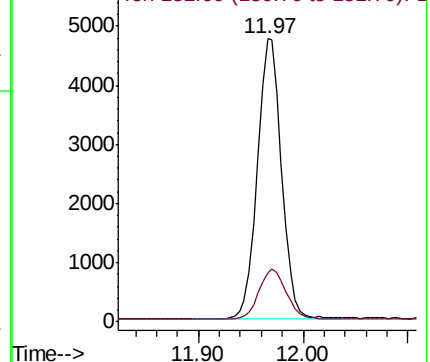
152 100

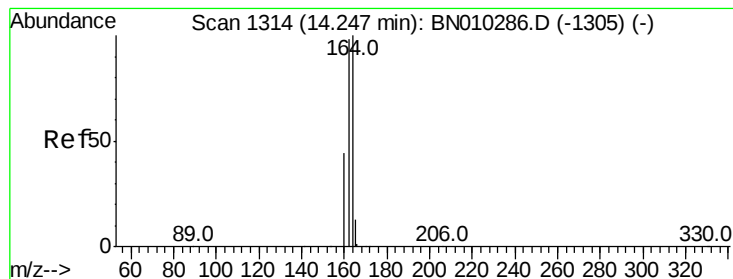
151 19.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN010286.D (-1023) (-)

Ion 151.00 (150.70 to 151.70): BN010286.D (-1023) (-)





#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

Instrument :

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ClientSampleId :

MW202D1-20200317

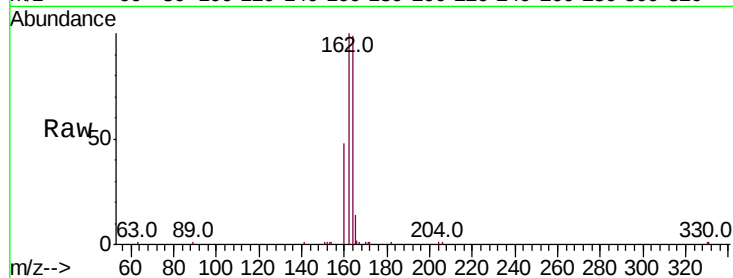
Tot Ion:164 Resp: 10694

Ion Ratio Lower Upper

164 100

162 100.7 78.2 117.2

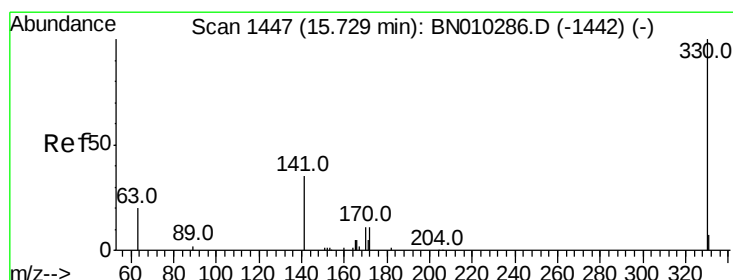
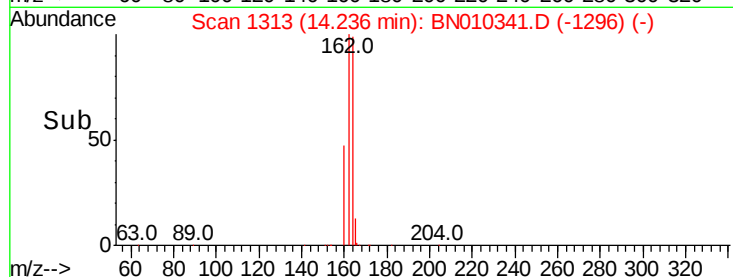
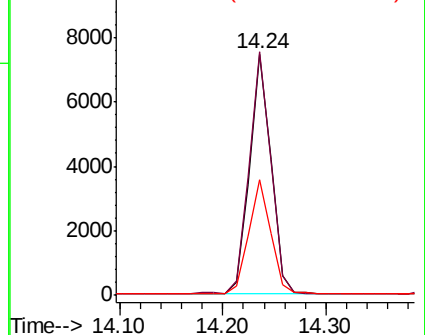
160 48.1 35.8 53.6



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: 0.280 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

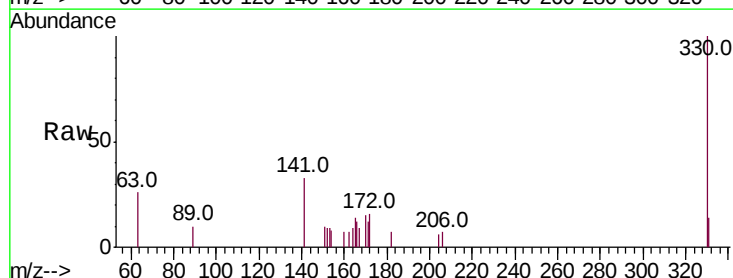
Tgt Ion:330 Resp: 1152

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

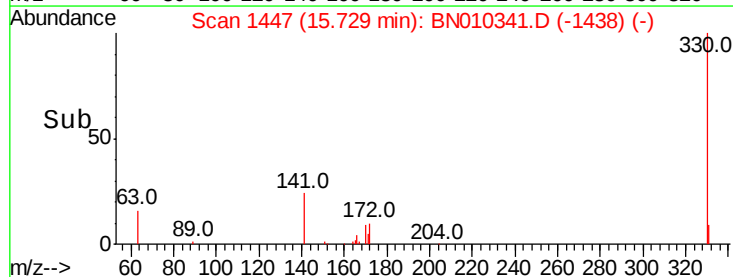
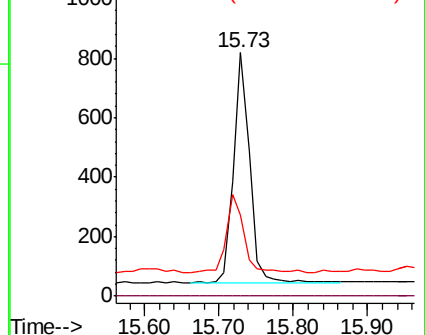
141 39.5 29.3 43.9

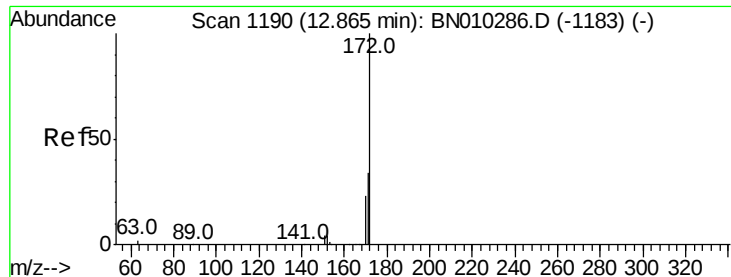


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

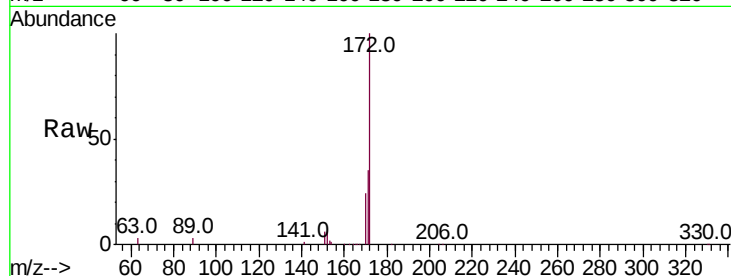




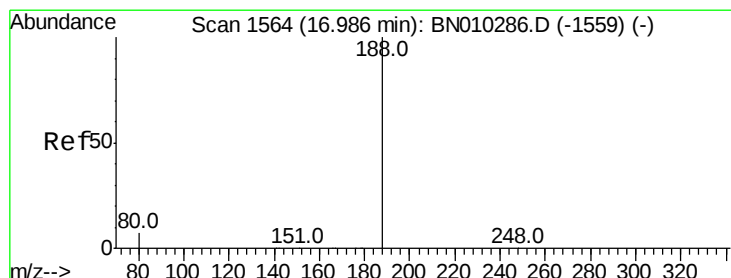
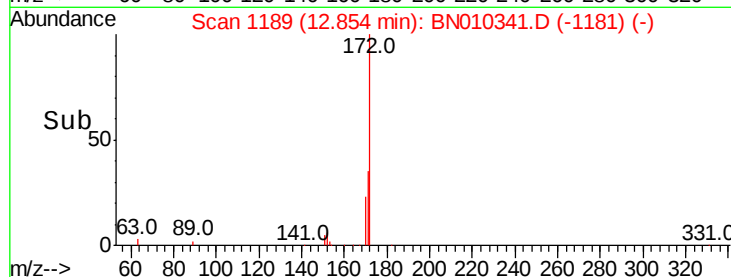
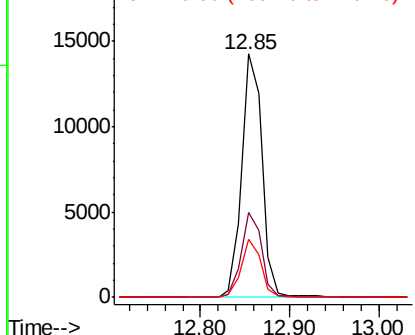
#15
2-Fluorobiphenyl
Concen: 0.546 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

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

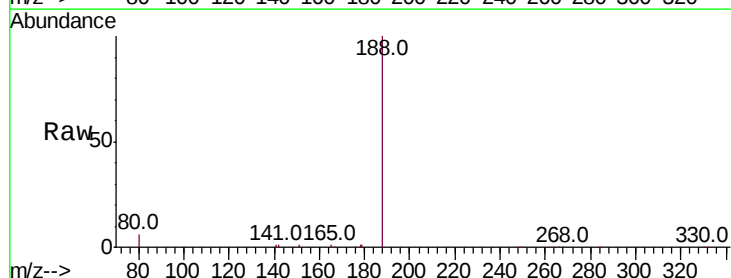


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

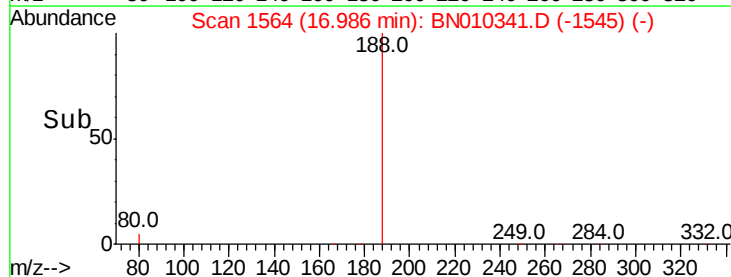
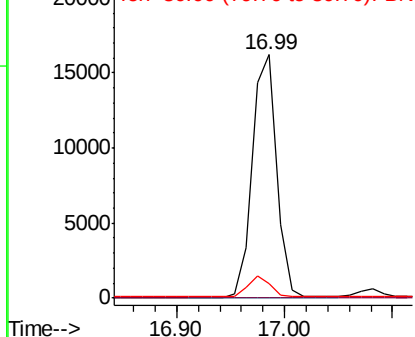


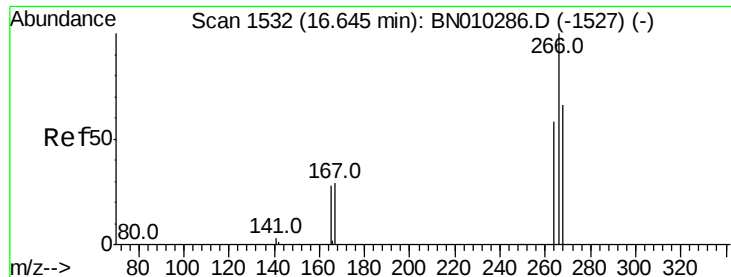
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

Tgt 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

Instrument :

BNA_N

ClientSampleId :

MW202D1-20200317

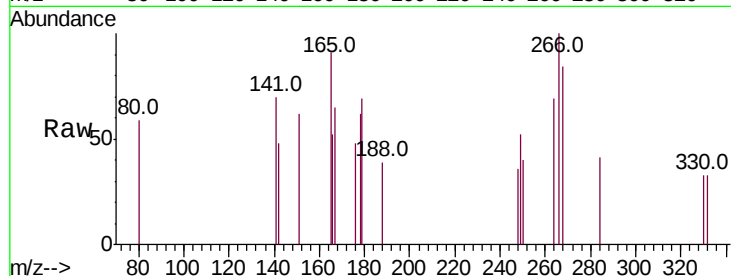
Tot Ion:266 Resp: 148

Ion Ratio Lower Upper

266 100

264 68.8 47.7 71.5

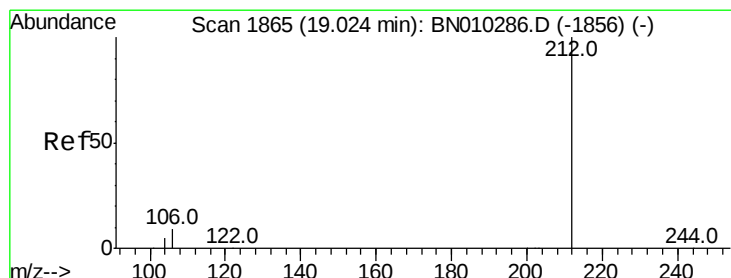
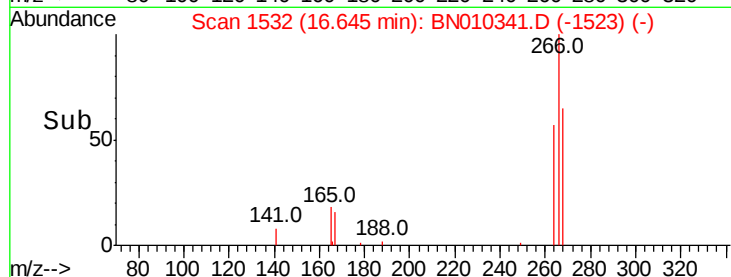
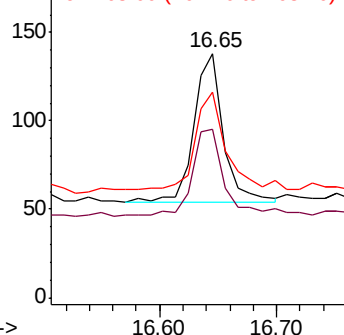
268 84.1 54.9 82.3#



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

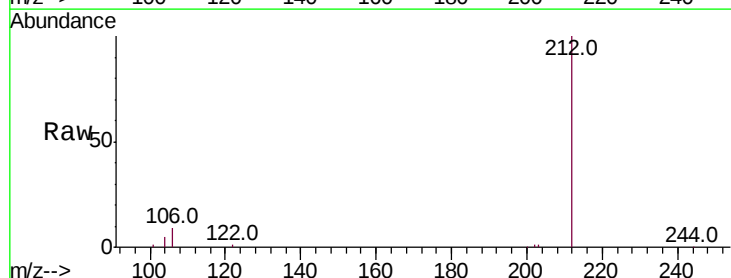
Tgt Ion:212 Resp: 21110

Ion Ratio Lower Upper

212 100

106 9.7 7.4 11.2

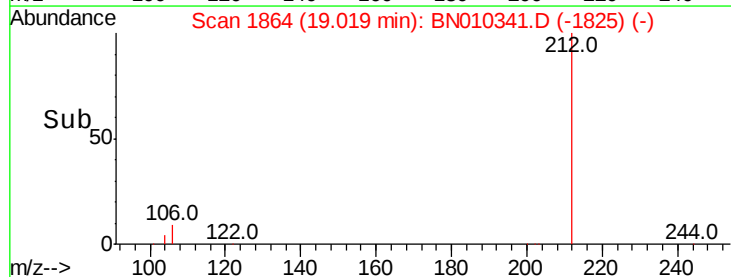
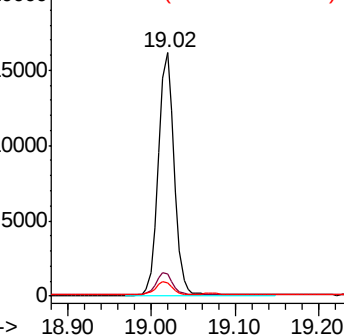
104 5.4 4.2 6.4

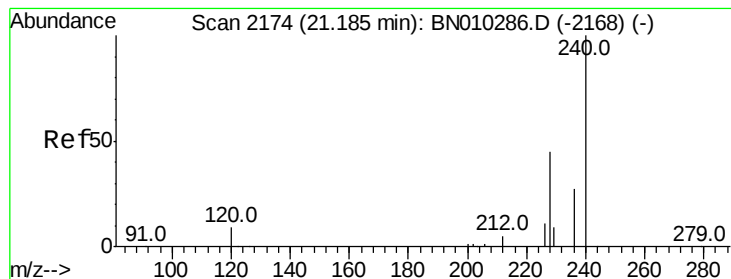


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

Instrument :

BNA_N

ClientSampleId :

MW202D1-20200317

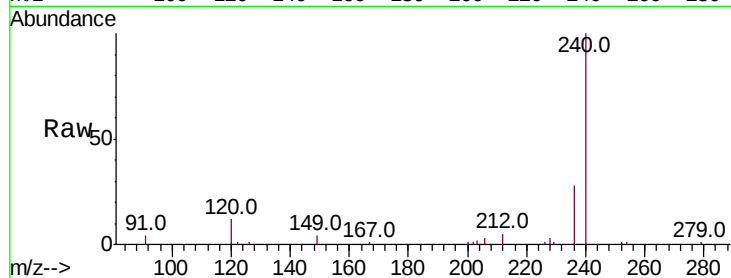
Tot Ion:240 Resp: 26229

Ion Ratio Lower Upper

240 100

120 12.0 7.9 11.9#

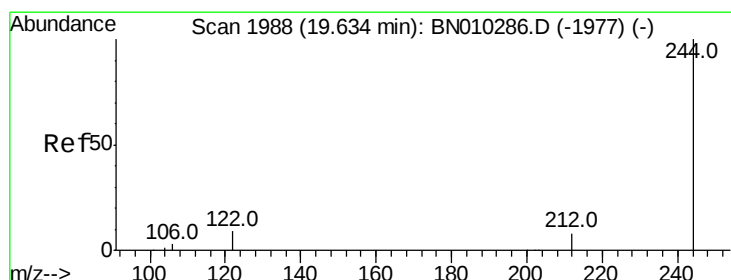
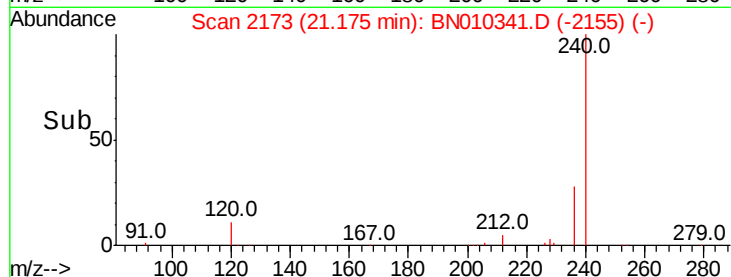
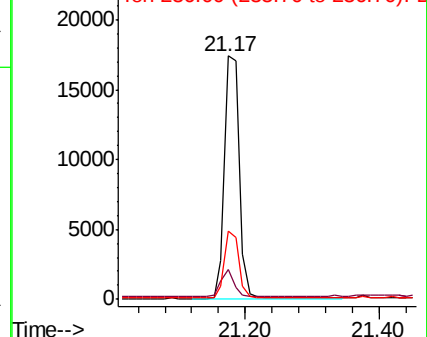
236 28.1 22.2 33.4



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: 0.519 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010341.D

Acq: 25 Mar 2020 00:04

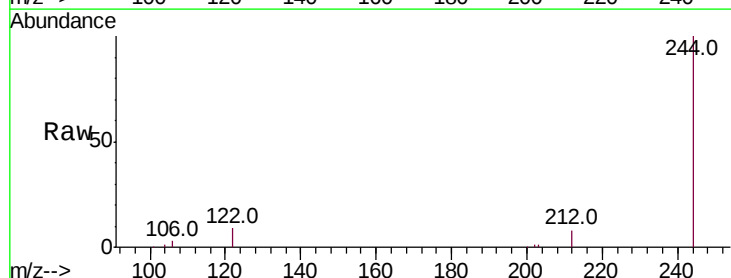
Tgt Ion:244 Resp: 29421

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

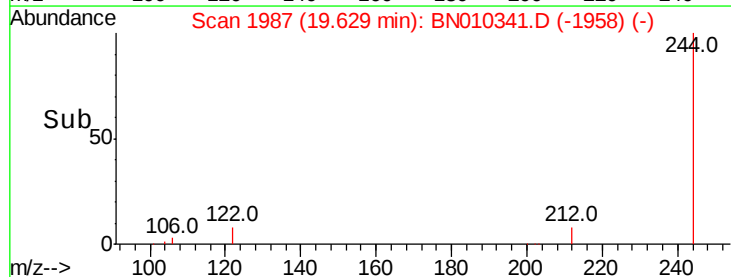
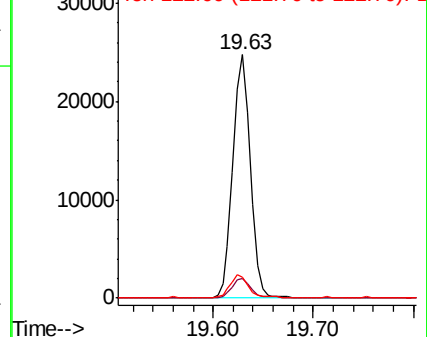
122 8.8 7.6 11.4

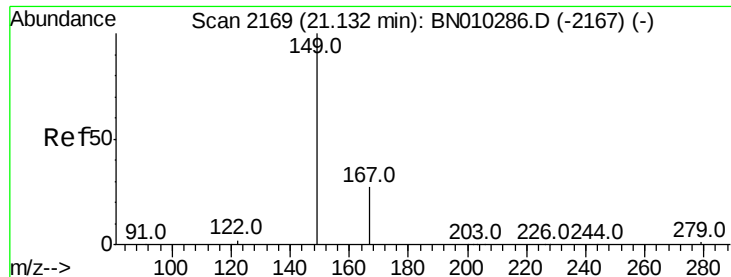


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

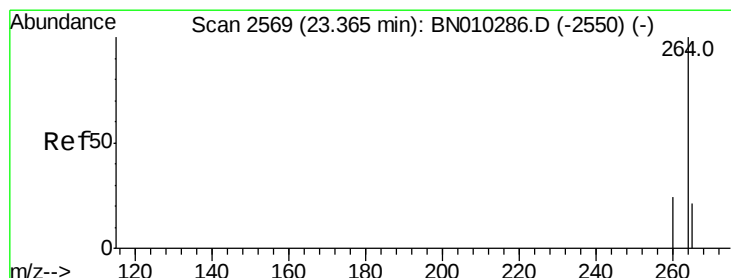
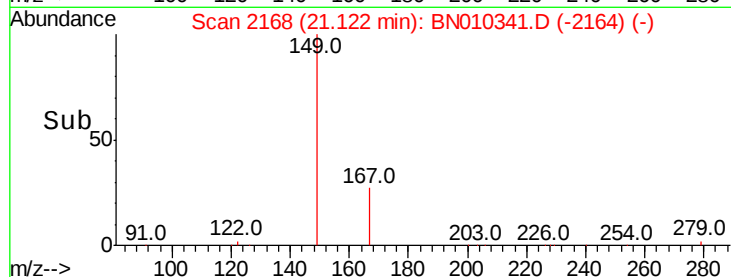
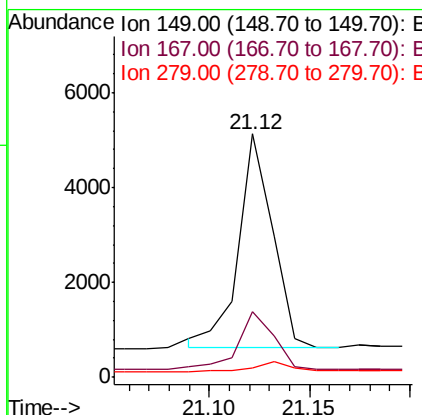
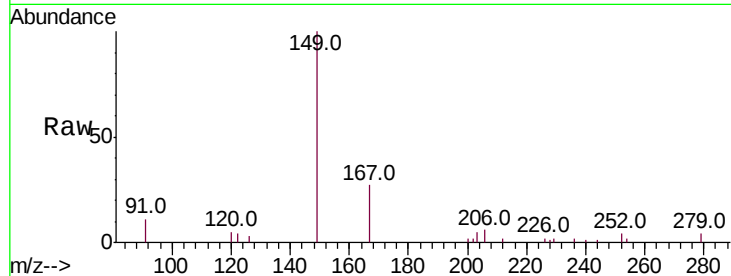




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.188 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010341.D
Acq: 25 Mar 2020 00:04

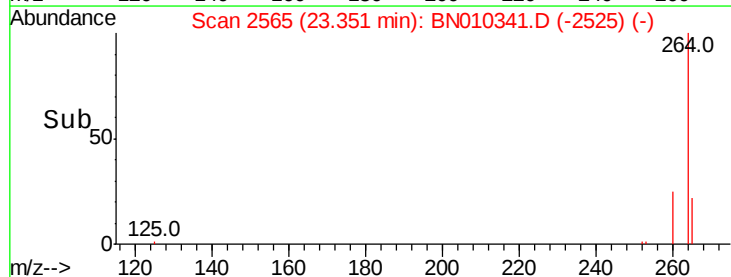
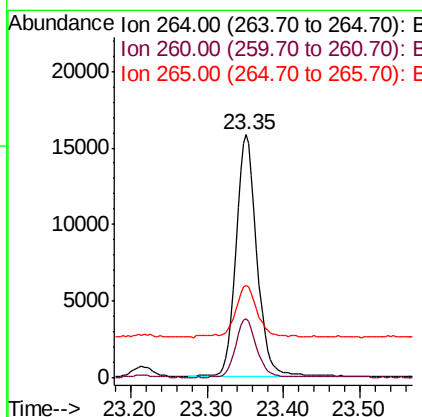
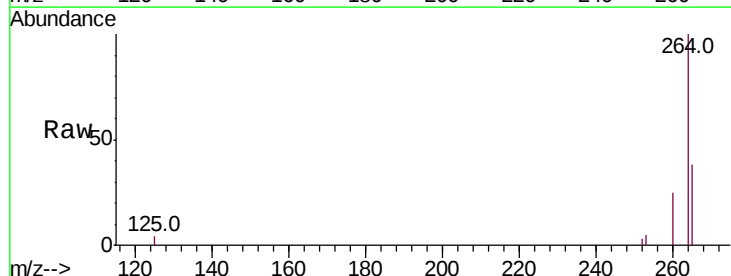
Instrument :
BNA_N
ClientSampleId :
MW202D1-20200317

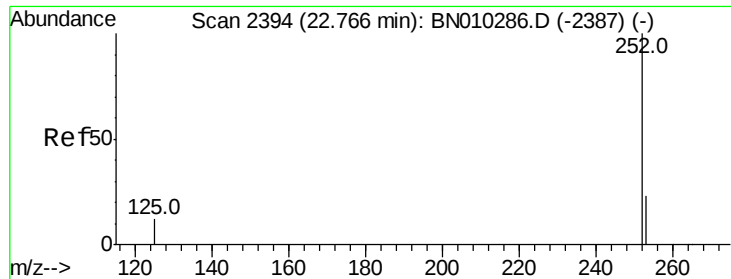
Tot Ion:149 Resp: 5299
Ion Ratio Lower Upper
149 100
167 28.9 23.0 34.6
279 4.9 3.8 5.8



#34
Perylene-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

Tgt 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

Instrument :

BNA_N

ClientSampleId :

MW202D1-20200317

Tot Ion: 252 Resp: 3449

Ion Ratio Lower Upper

252 100

253 119.0 19.4 29.0#

125 460.8 10.2 15.2#

