

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\
 Data File : BN010948.D
 Acq On : 17 Jun 2020 19:35
 Operator : CG/JU
 Sample : L3020-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-24

Quant Time: Jun 18 00:14:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

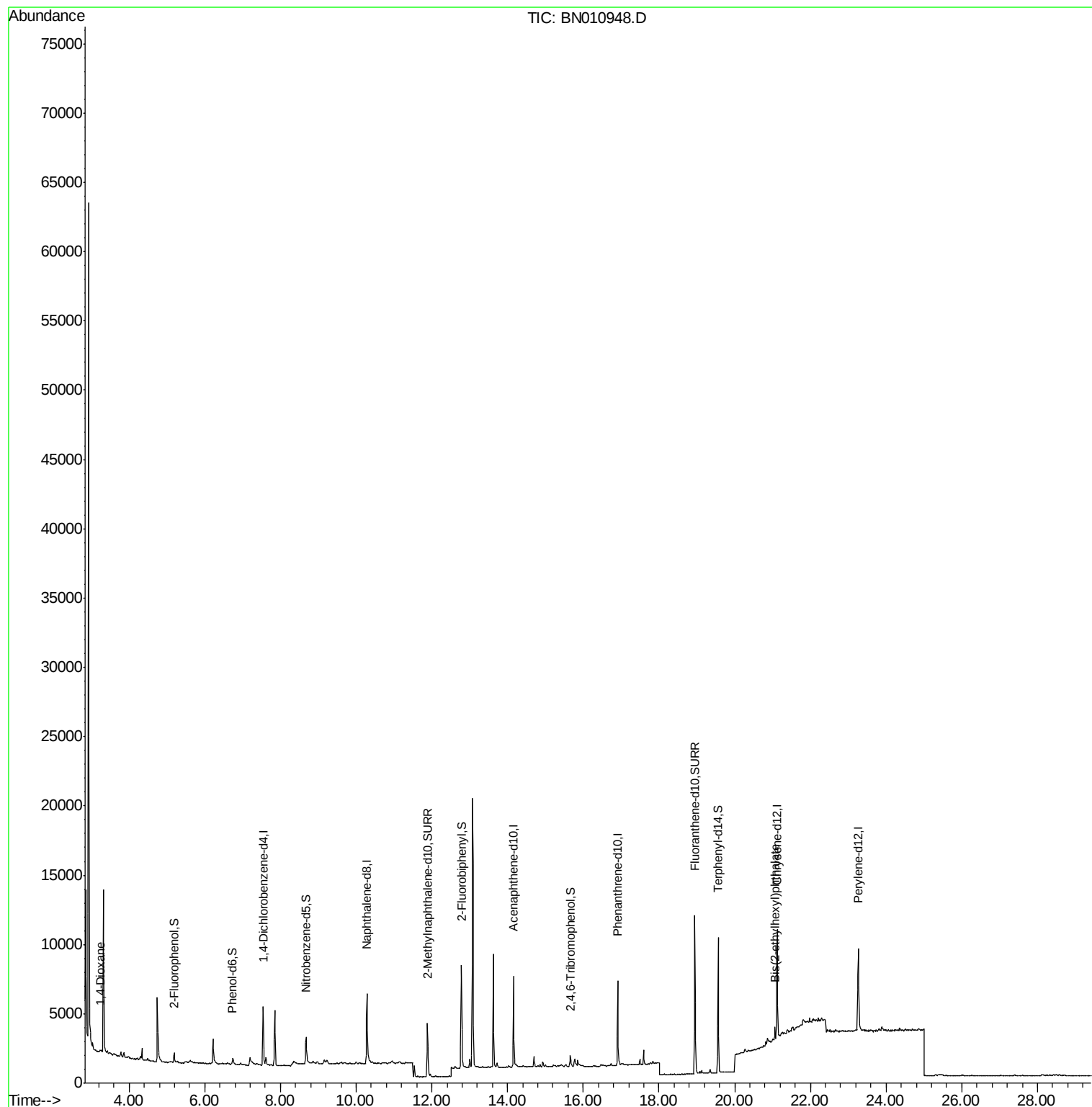
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2212	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7556	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4296	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8987	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8563	0.40	ng	0.00
34) Perylene-d12	23.26	264	8103	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	746	0.17	ng	0.00
5) Phenol-d6	6.74	99	540	0.11	ng	0.00
8) Nitrobenzene-d5	8.68	82	2343	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5257	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	598	0.39	ng	-0.02
15) 2-Fluorobiphenyl	12.78	172	7311	0.43	ng	0.00
25) Fluoranthene-d10	18.95	212	13454	0.54	ng	0.00
29) Terphenyl-d14	19.56	244	10349	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	65	0.030	ng	Qvalue # 78
32) Bis(2-ethylhexyl)phthalate	21.06	149	831	0.099	ng	92

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

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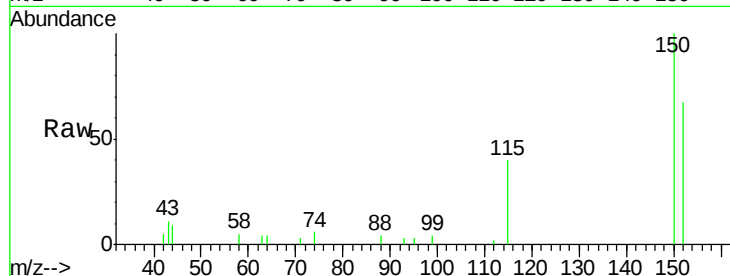


#1

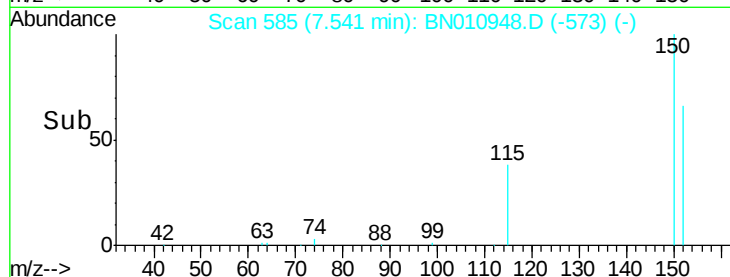
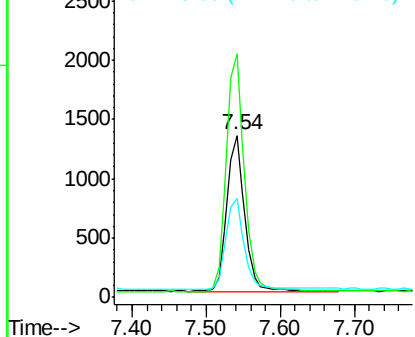
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.00 min
Lab File: BN010948.D
Acq: 17 Jun 2020 19:35

Instrument :
BNA_N
ClientSampled :
MW-24

Tot Ion:152 Resp: 2212
Ion Ratio Lower Upper
152 100
150 150.0 123.8 185.6
115 60.7 49.2 73.8



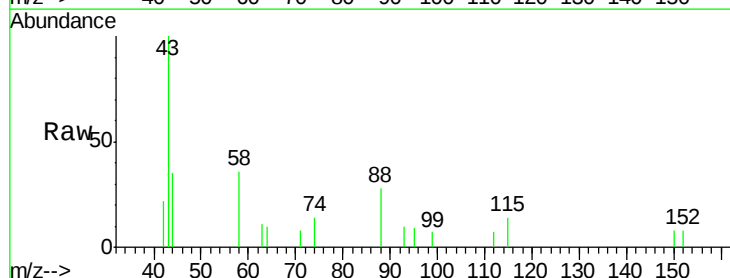
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



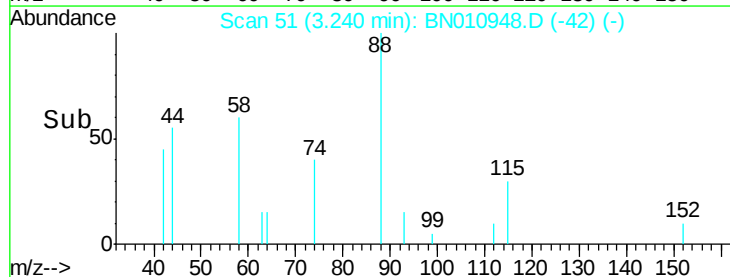
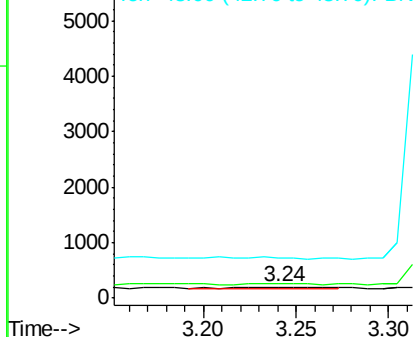
#2

1,4-Dioxane
Concen: 0.030 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.02 min
Lab File: BN010948.D
Acq: 17 Jun 2020 19:35

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
58 56.9 38.2 57.4
43 0.0 15.1 22.7#



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: 0.175 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA_N

ClientSampled :

MW-24

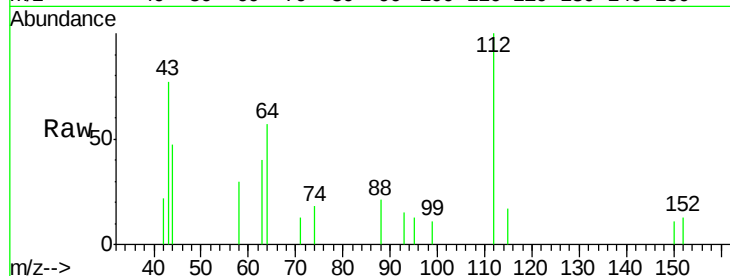
Tot Ion: 112 Resp: 746

Ion Ratio Lower Upper

112 100

64 46.5 37.4 56.0

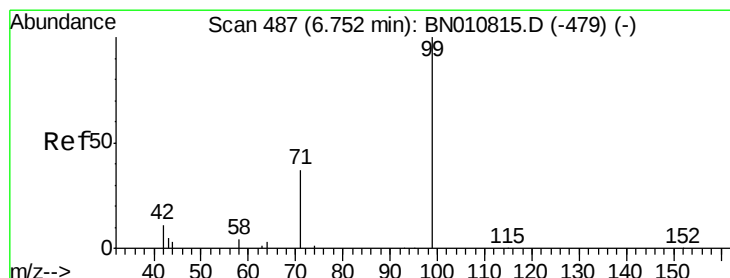
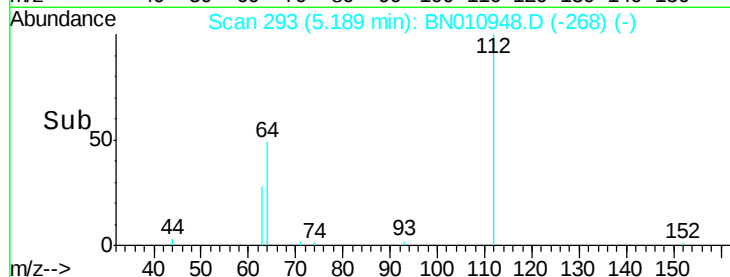
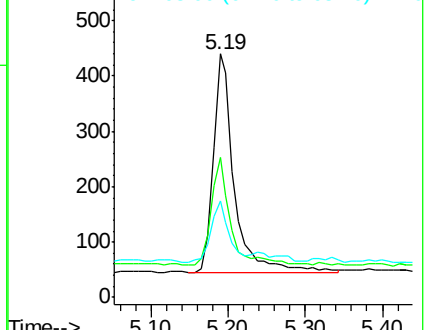
63 24.3 22.2 33.4



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: 0.107 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

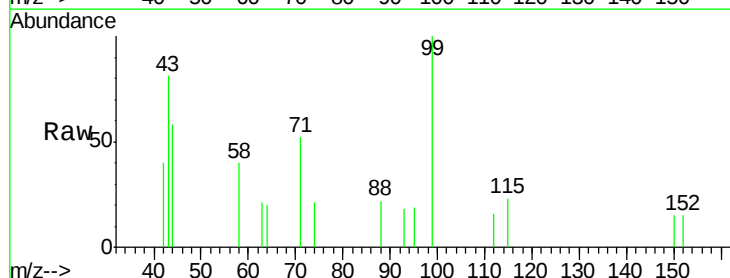
Tgt Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

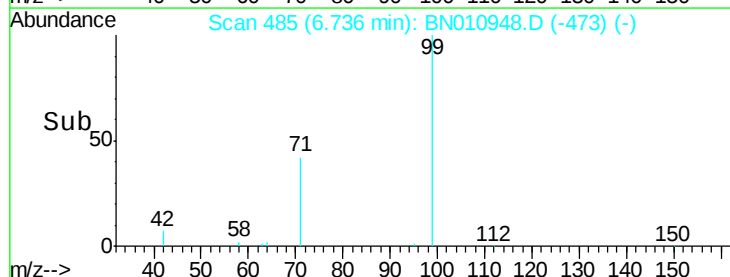
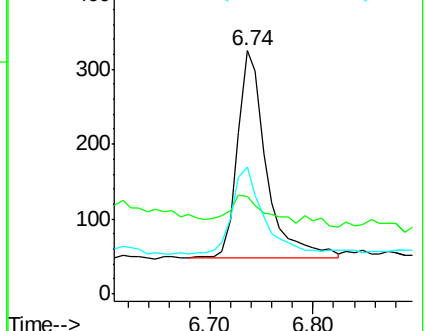
71 44.3 31.4 47.2

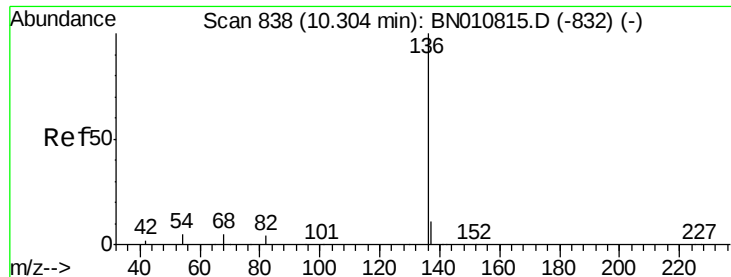


Abundance Ion 99.00 (98.70 to 99.70): B

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: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA_N

ClientSampleId :

MW-24

Tot Ion:136 Resp: 7556

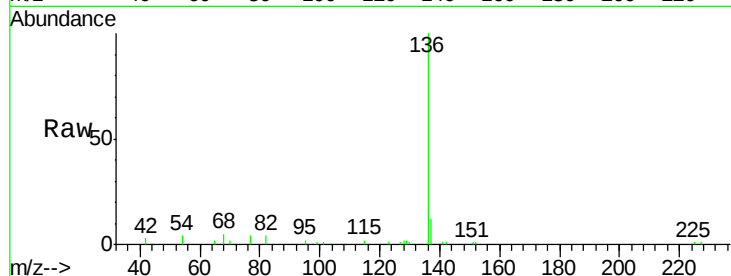
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 4.4 4.9 7.3#

68 5.1 4.7 7.1

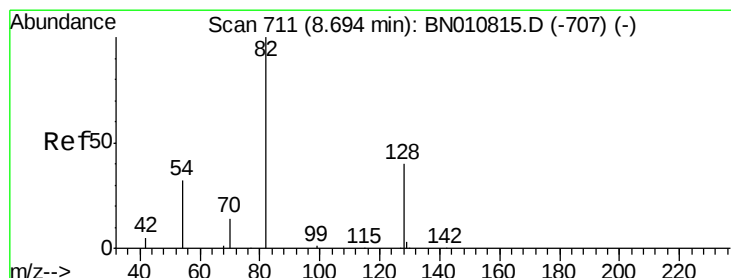
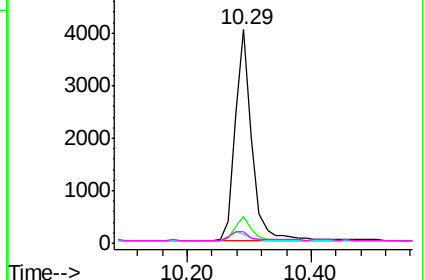
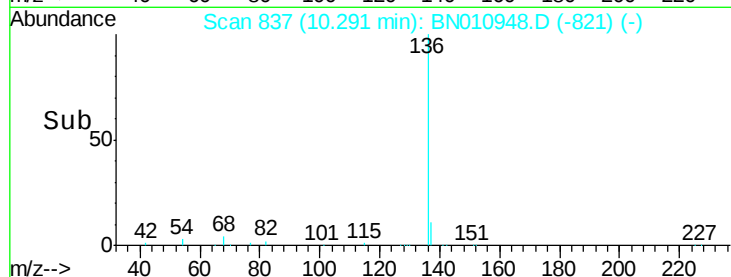


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.419 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

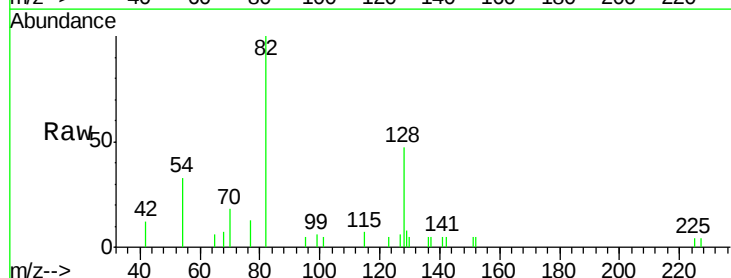
Tgt Ion: 82 Resp: 2343

Ion Ratio Lower Upper

82 100

128 47.3 35.4 53.0

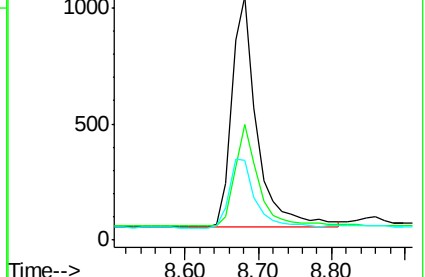
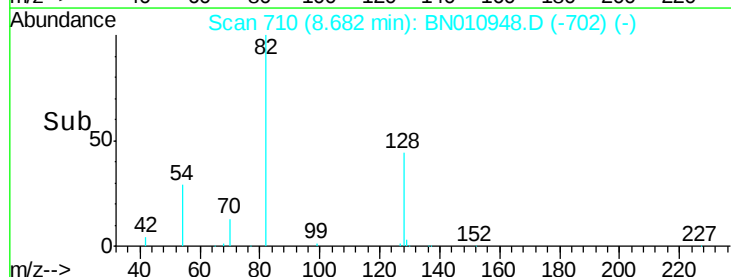
54 32.9 28.2 42.4

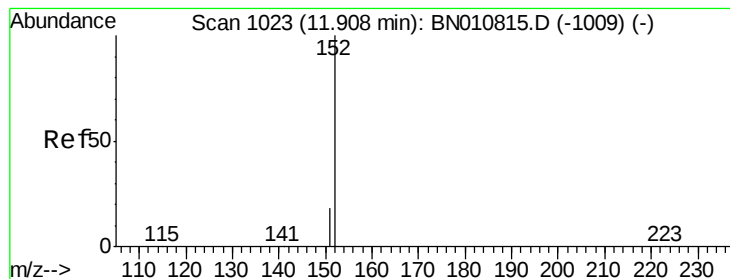


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.449 ng

RT: 11.89 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA_N

ClientSampleId :

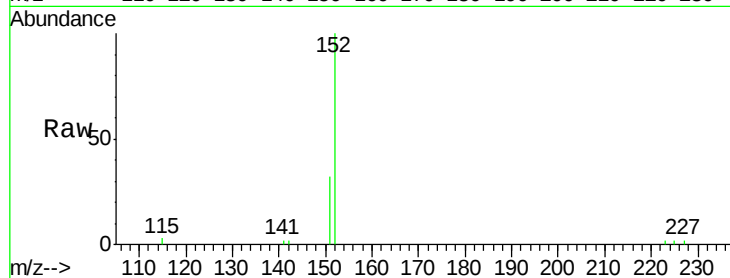
MW-24

Tot Ion:152 Resp: 5257

Ion Ratio Lower Upper

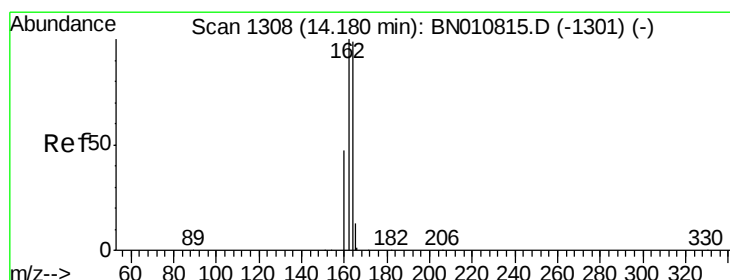
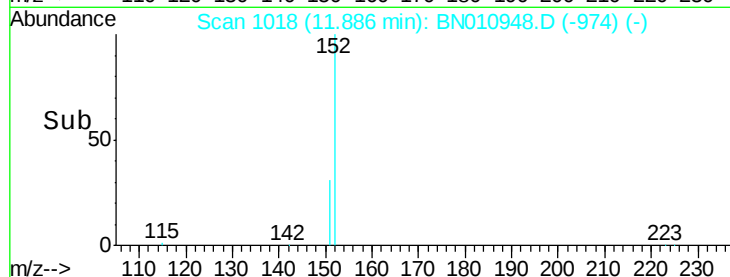
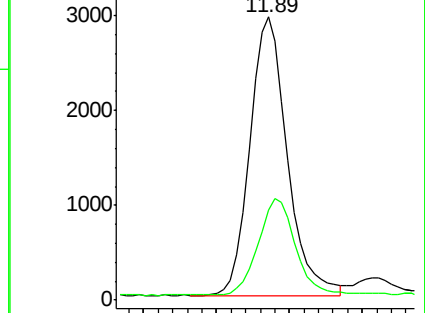
152 100

151 35.2 15.3 22.9#



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: 14.16 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

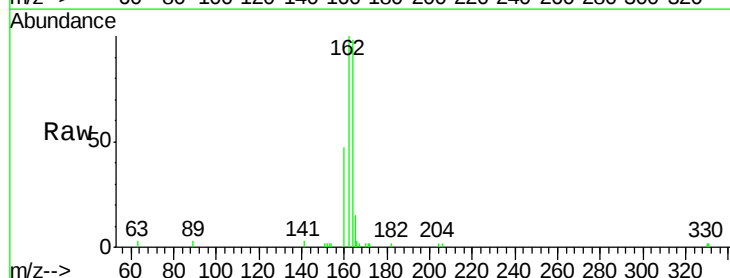
Tgt Ion:164 Resp: 4296

Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.6

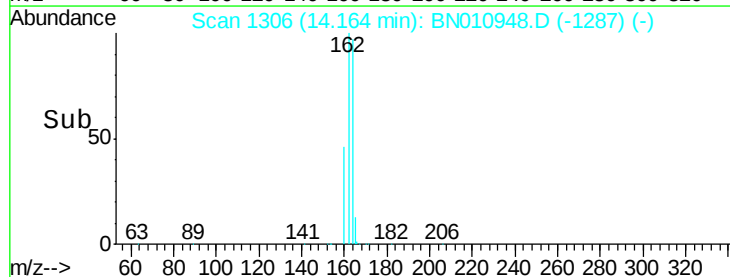
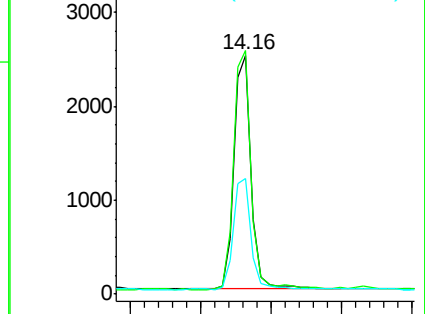
160 48.3 38.9 58.3



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

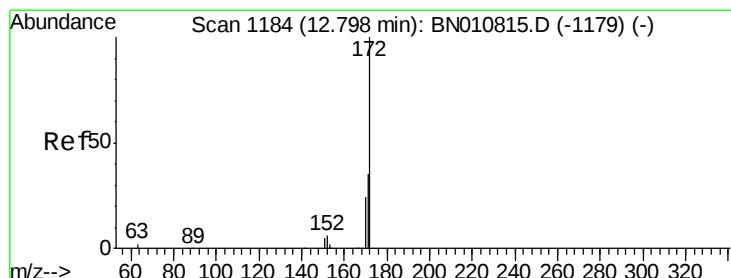
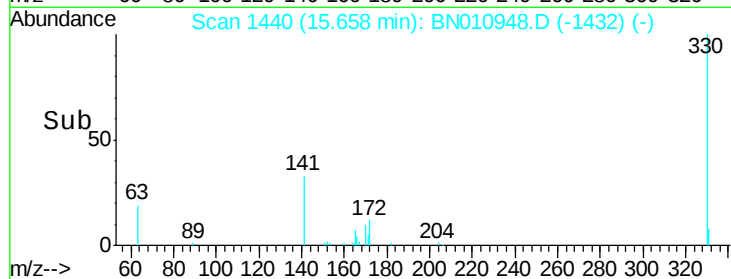
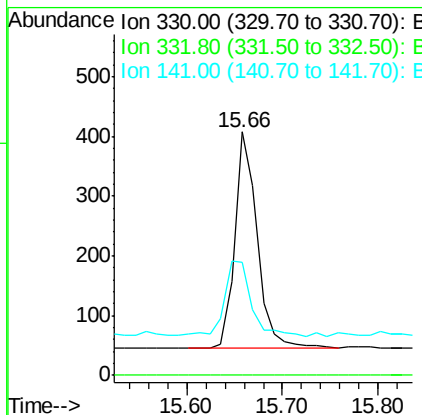
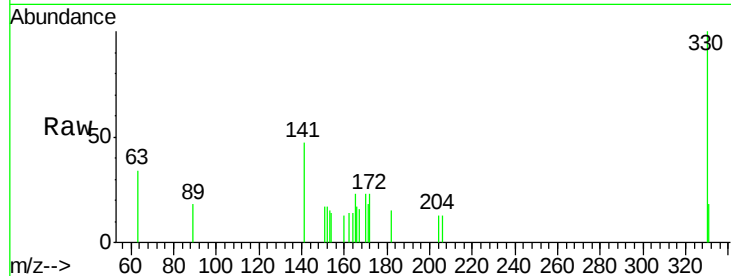




#14
 2,4,6-Tribromophenol
 Concen: 0.389 ng
 RT: 15.66 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BN010948.D
 Acq: 17 Jun 2020 19:35

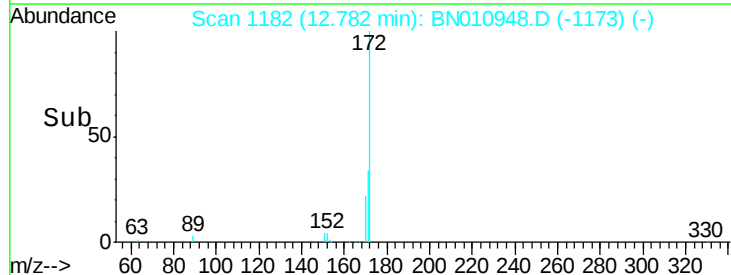
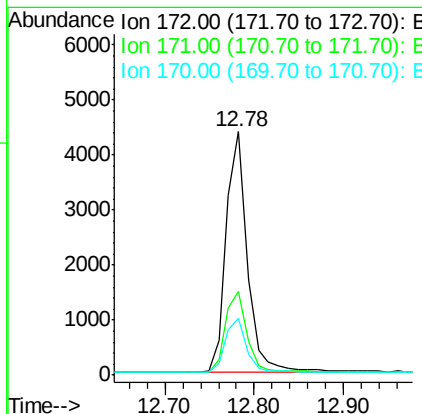
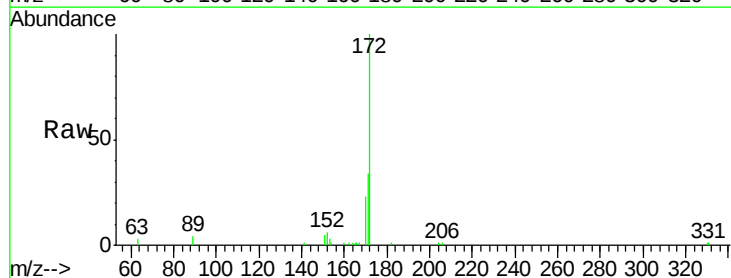
Instrument :
 BNA_N
 ClientSampleId :
 MW-24

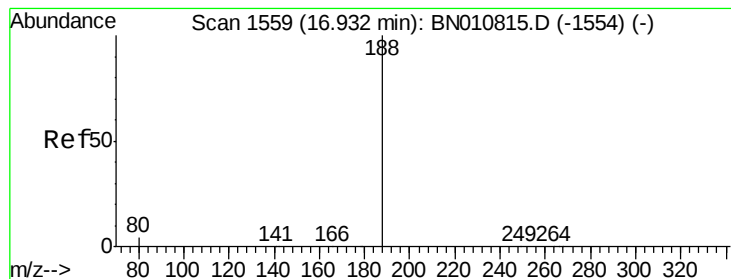
Tot Ion:330 Resp: 598
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.3 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.431 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BN010948.D
 Acq: 17 Jun 2020 19:35

Tgt Ion:172 Resp: 7311
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.1 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA_N

ClientSampleId :

MW-24

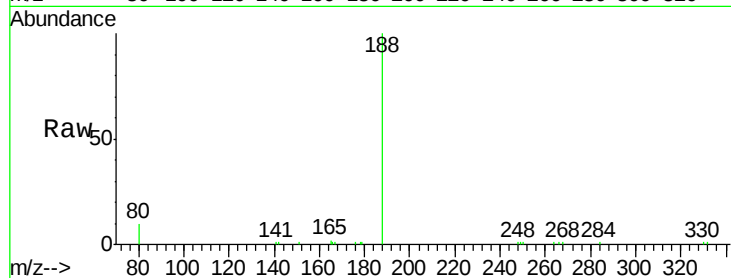
Tot Ion:188 Resp: 8987

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

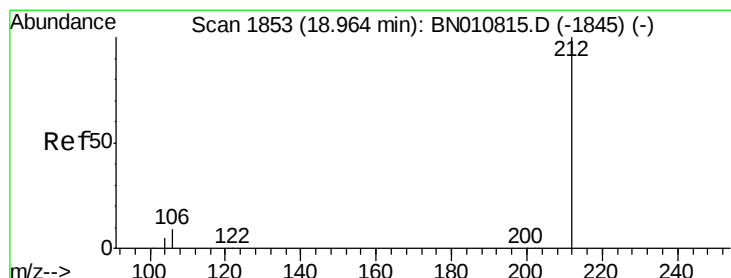
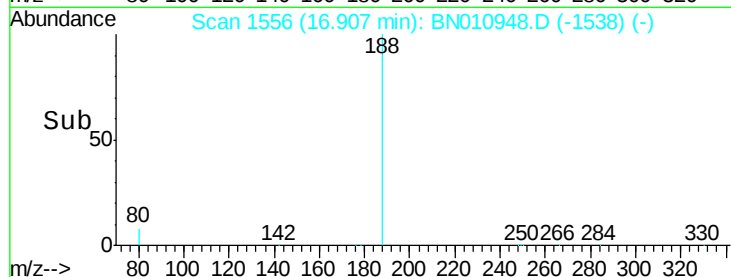
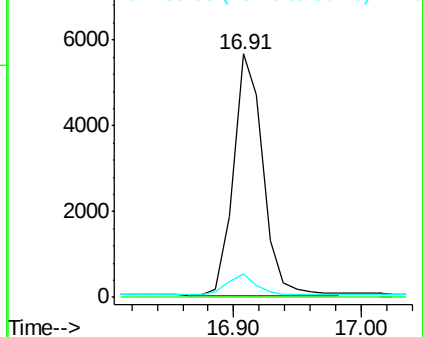
80 9.6 4.5 6.7#



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: 0.542 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

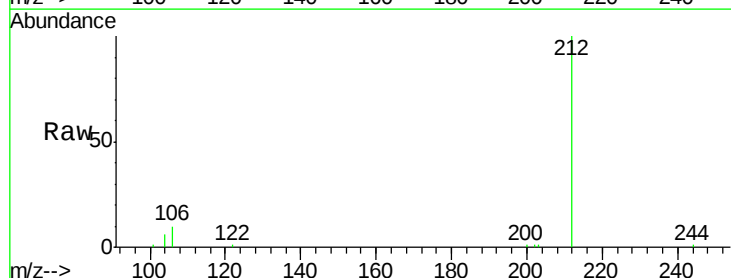
Tgt Ion:212 Resp: 13454

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

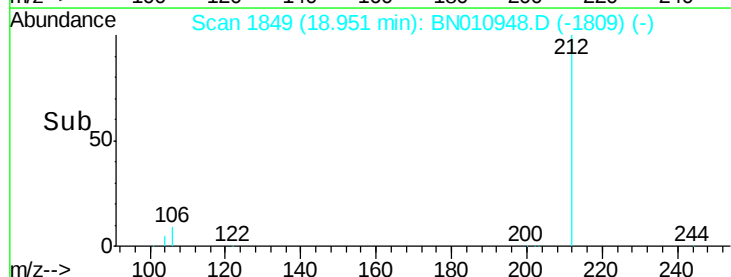
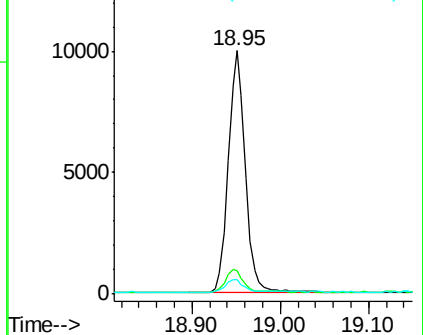
104 5.5 4.0 6.0



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

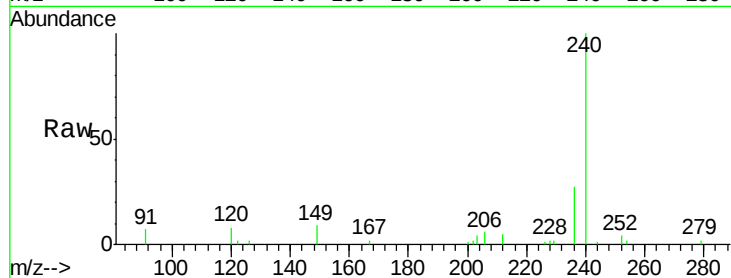




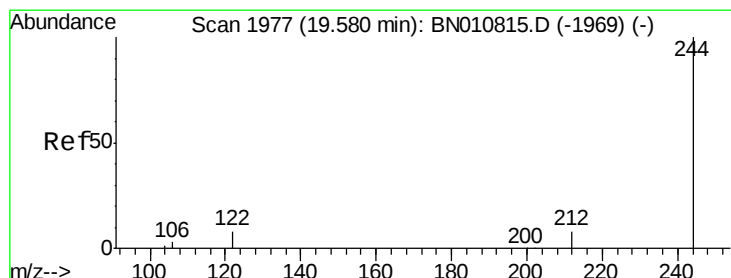
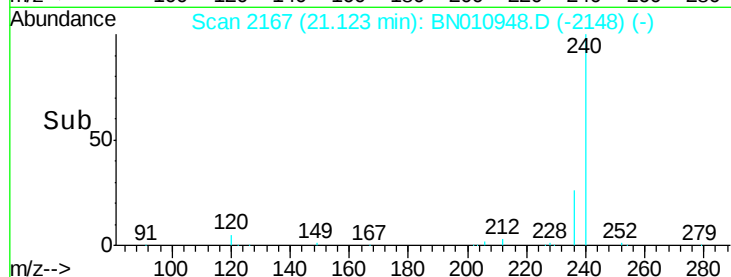
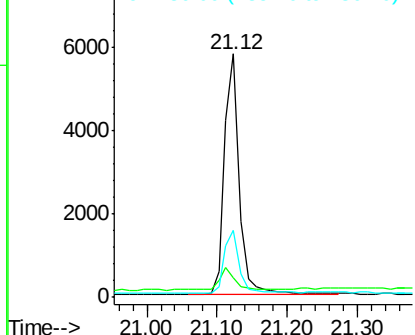
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010948.D
Acq: 17 Jun 2020 19:35

Instrument :
BNA_N
ClientSampleId :
MW-24

Tot Ion:240 Resp: 8563
Ion Ratio Lower Upper
240 100
120 7.9 7.5 11.3
236 27.3 22.3 33.5

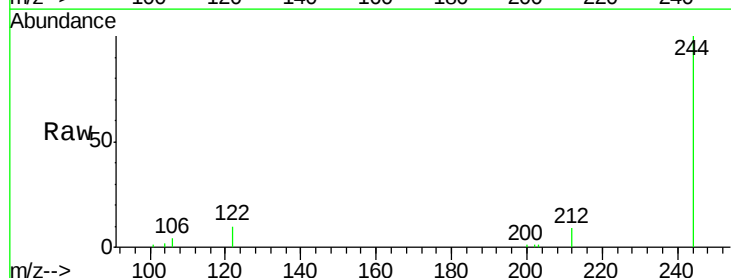


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

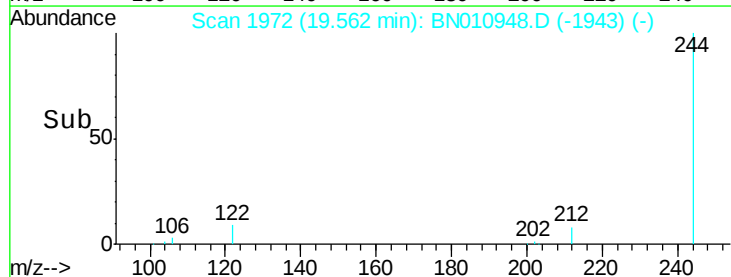
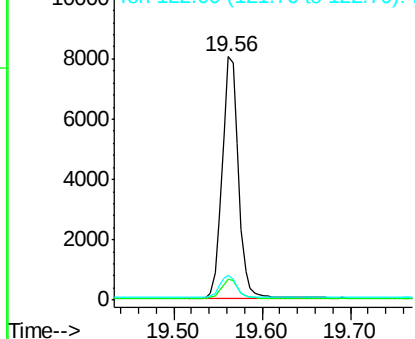


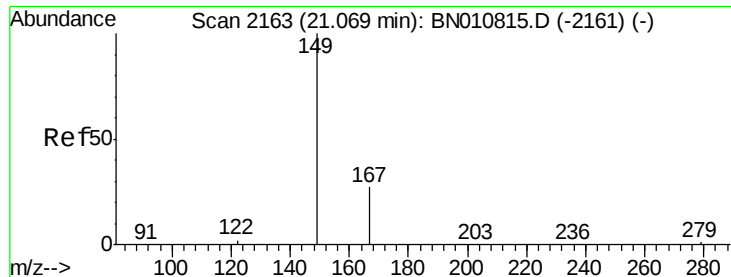
#29
Terphenyl-d14
Concen: 0.516 ng
RT: 19.56 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BN010948.D
Acq: 17 Jun 2020 19:35

Tgt Ion:244 Resp: 10349
Ion Ratio Lower Upper
244 100
212 8.6 7.4 11.2
122 10.3 7.5 11.3



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: 0.099 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

Instrument :

BNA_N

ClientSampleId :

MW-24

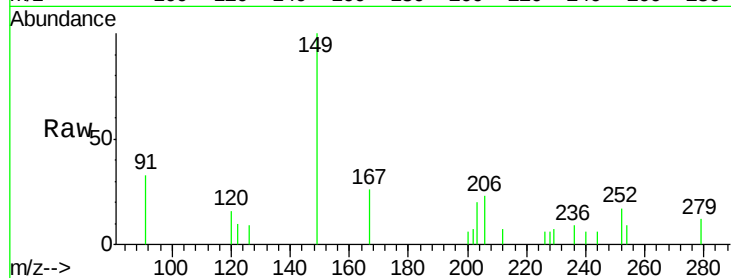
Tot Ion:149 Resp: 831

Ion Ratio Lower Upper

149 100

167 24.9 24.1 36.1

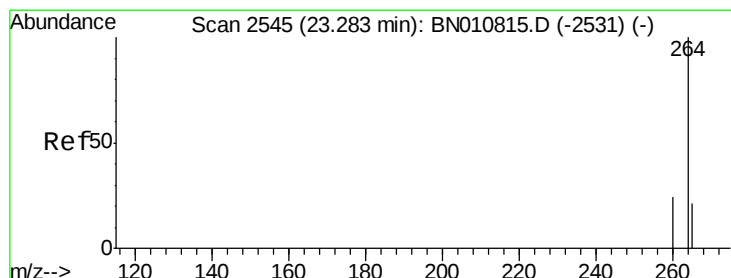
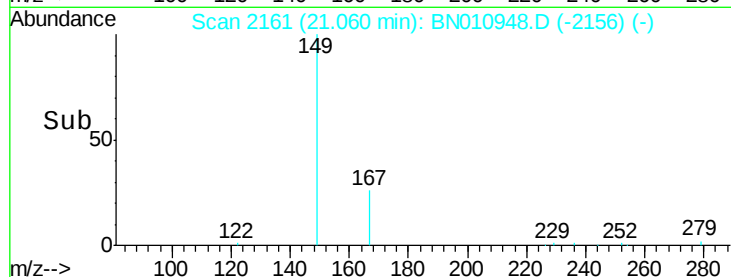
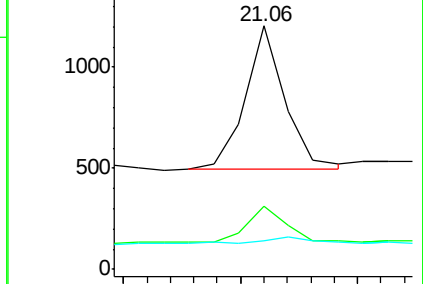
279 6.5 4.6 7.0



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: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN010948.D

Acq: 17 Jun 2020 19:35

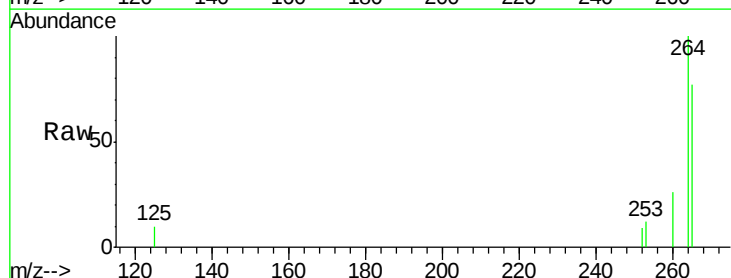
Tgt Ion:264 Resp: 8103

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 77.4 75.0 112.4



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

