

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061820\
 Data File : BN010958.D
 Acq On : 18 Jun 2020 18:00
 Operator : CG/JU
 Sample : L3020-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-26

Quant Time: Jun 18 19:14:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 14:14:42 2020
 Response via : Initial Calibration

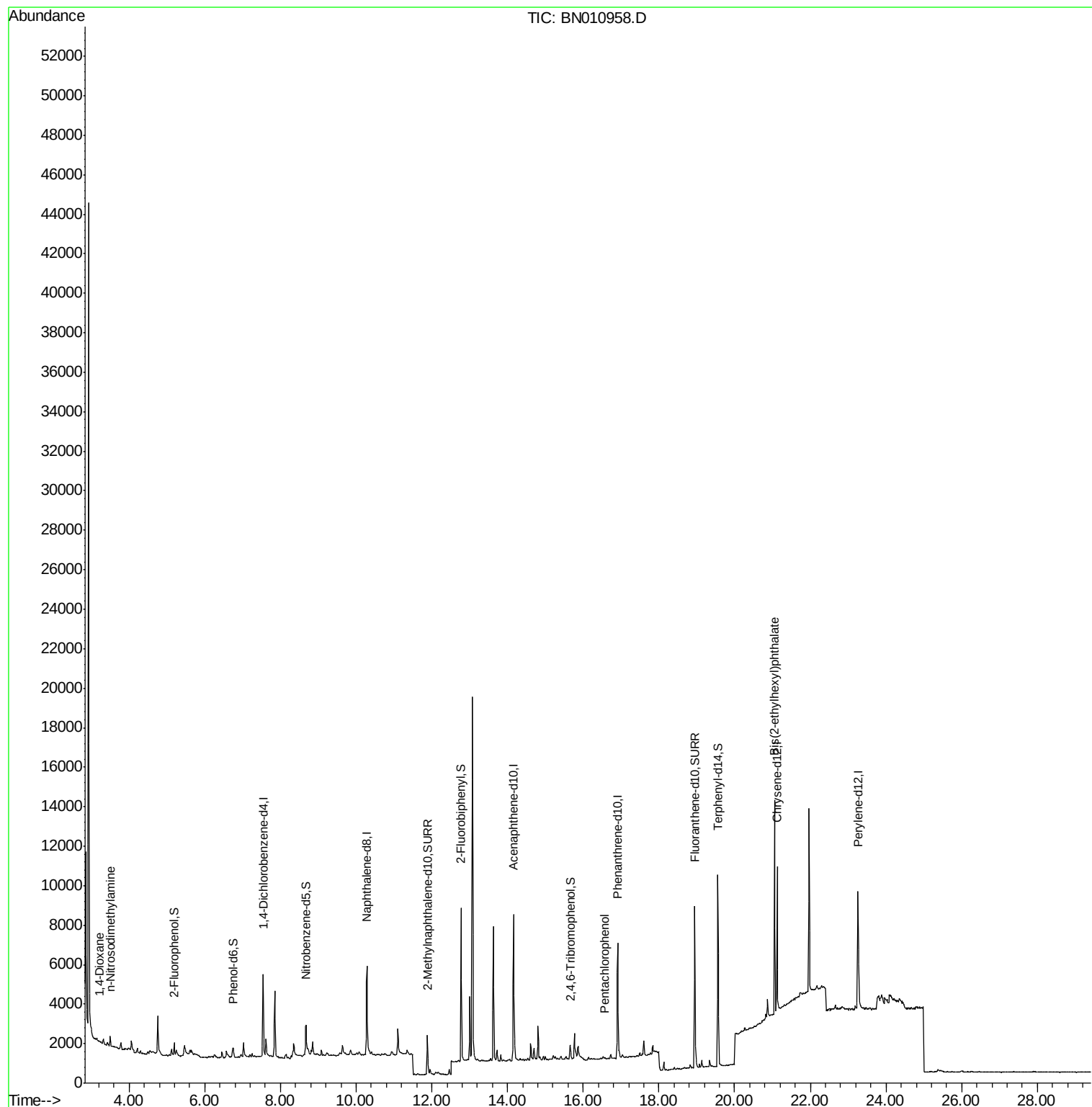
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2264	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7049	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4055	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8286	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8188	0.40	ng	0.00
34) Perylene-d12	23.26	264	8391	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	660	0.15	ng	0.00
5) Phenol-d6	6.74	99	473	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	1944	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	11.88	152	2887	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	610	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	6902	0.43	ng	0.00
25) Fluoranthene-d10	18.95	212	9858	0.43	ng	0.00
29) Terphenyl-d14	19.56	244	10041	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	53	0.024	ng	# 15
3) n-Nitrosodimethylamine	3.50	42	47	0.036	ng	# 1
22) Pentachlorophenol	16.57	266	48	0.028	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.06	149	8544	1.065	ng	96

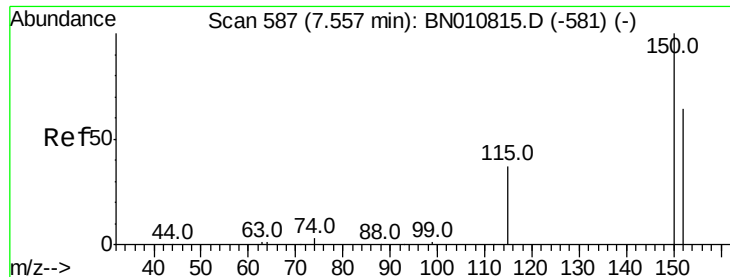
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 18 14:14:42 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. 0.01 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

BNA_N

ClientSampled :

MW-26

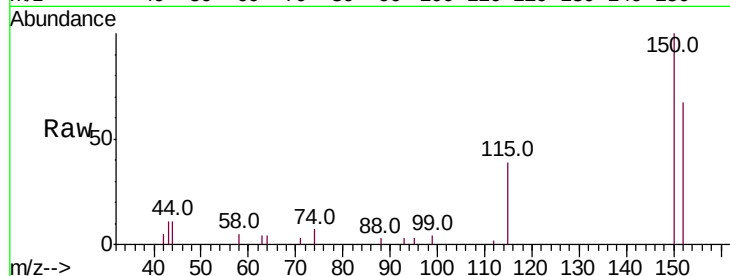
Tot Ion:152 Resp: 2264

Ion Ratio Lower Upper

152 100

150 150.0 123.8 185.6

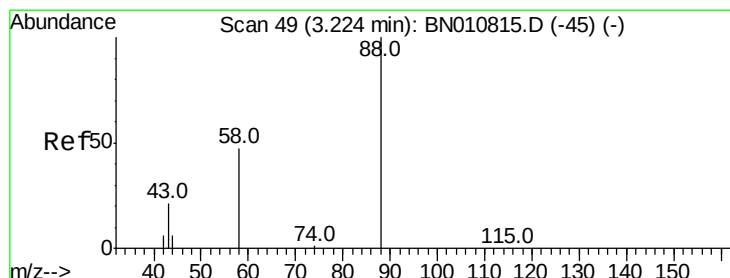
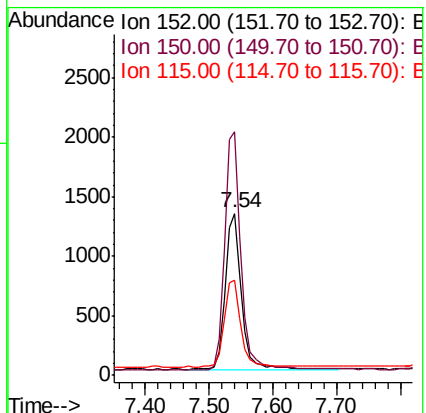
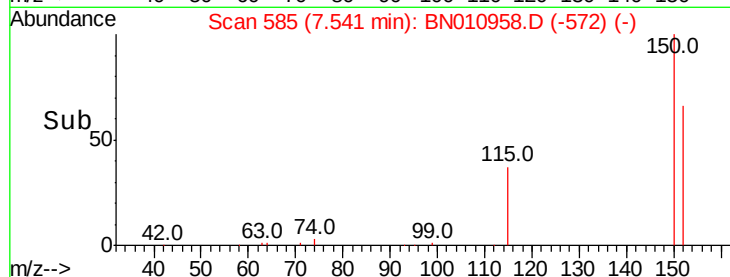
115 58.9 49.2 73.8



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: 0.024 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.01 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

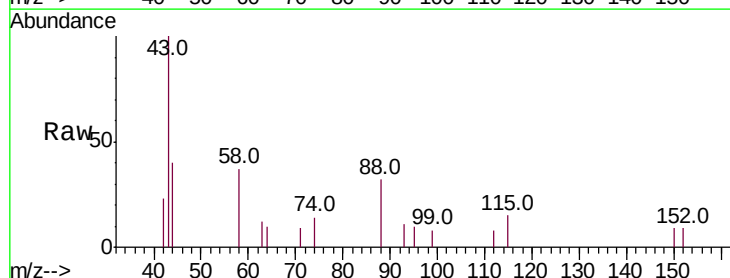
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 117.0 38.2 57.4#

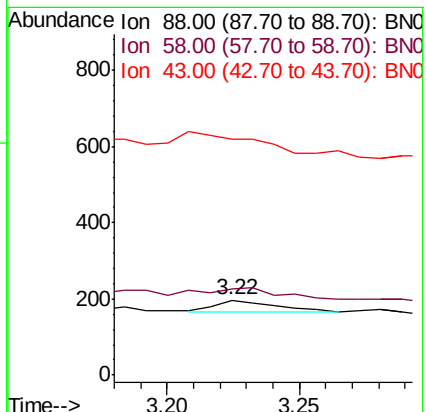
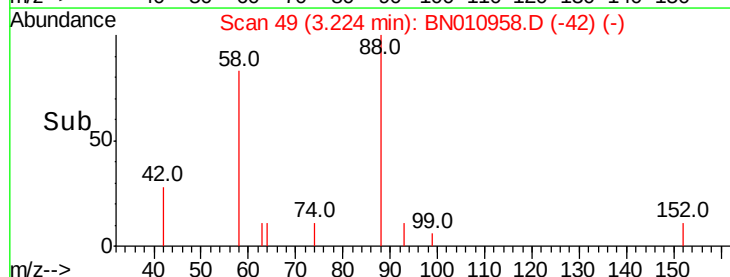
43 0.0 15.1 22.7#

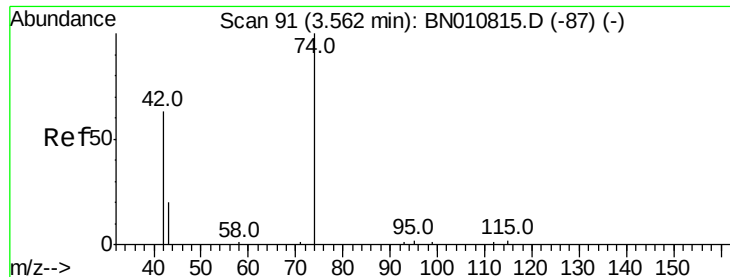


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.036 ng

RT: 3.50 min Scan# 83

Delta R.T. -0.06 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

BNA_N

ClientSampleId :

MW-26

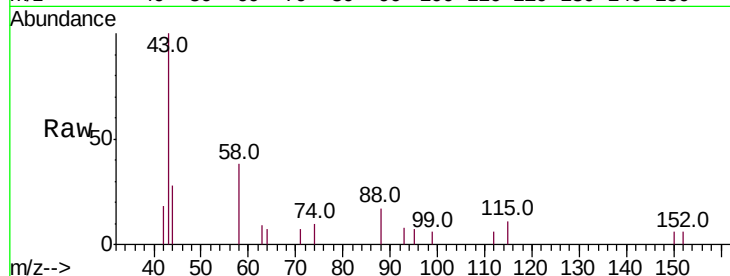
Tot Ion: 42 Resp: 47

Ion Ratio Lower Upper

42 100

74 0.0 140.7 211.1#

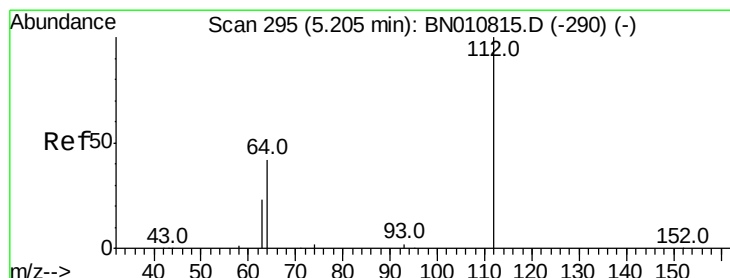
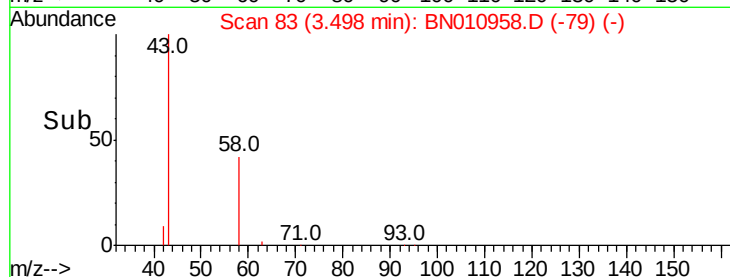
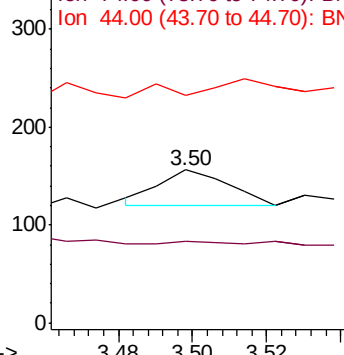
44 66.0 1.4 2.2#



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: 0.151 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

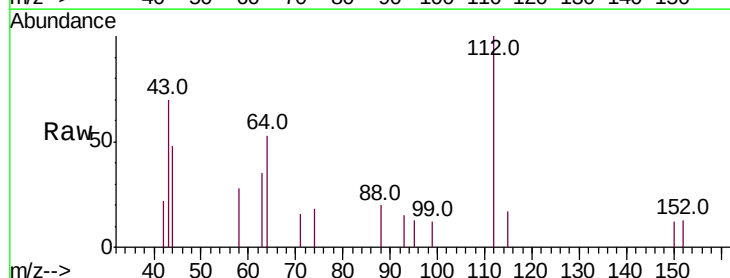
Tgt Ion: 112 Resp: 660

Ion Ratio Lower Upper

112 100

64 42.4 37.4 56.0

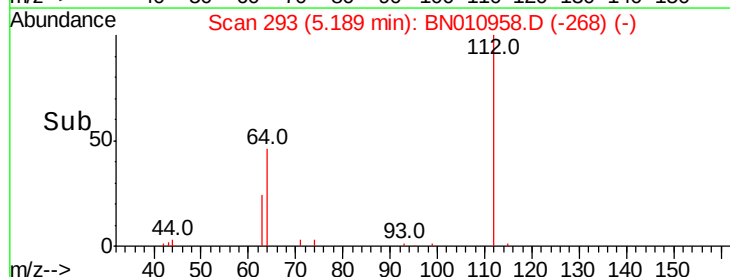
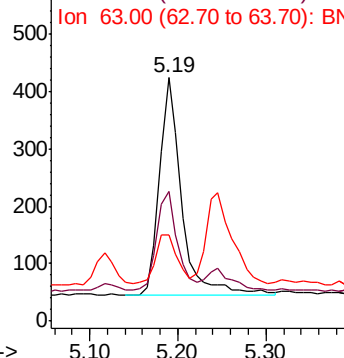
63 23.8 22.2 33.4

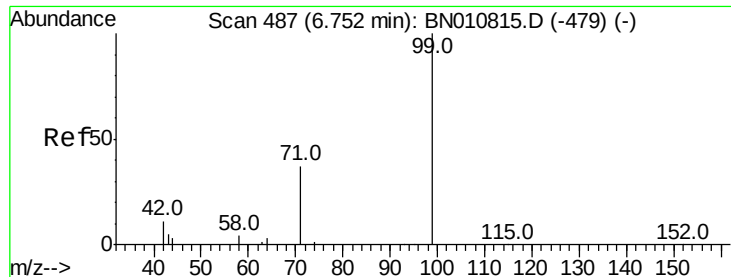


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.092 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

BNA_N

ClientSampleId :

MW-26

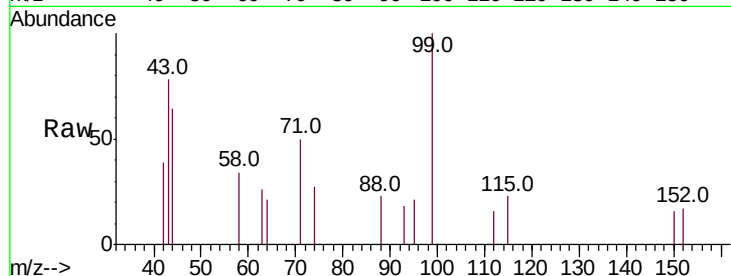
Tot Ion: 99 Resp: 473

Ion Ratio Lower Upper

99 100

42 17.1 11.1 16.7#

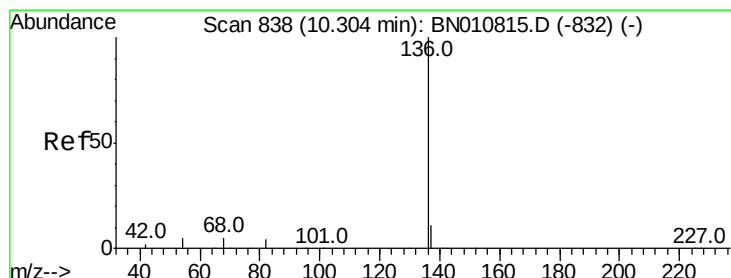
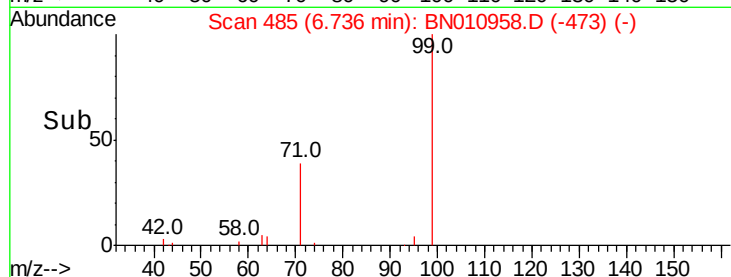
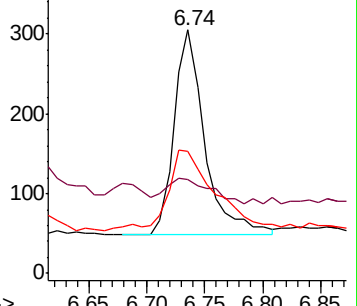
71 60.3 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Tgt Ion: 136 Resp: 7049

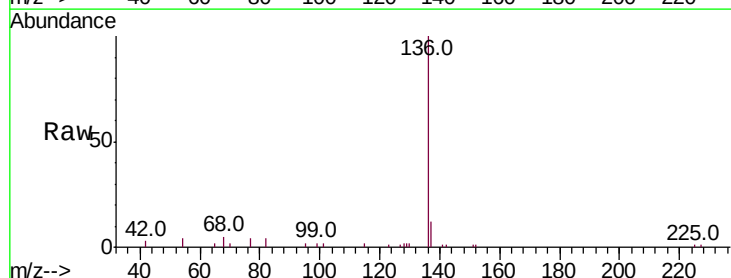
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 4.2 4.9 7.3#

68 4.8 4.7 7.1

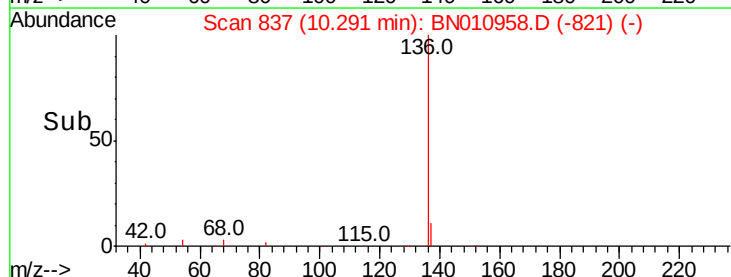
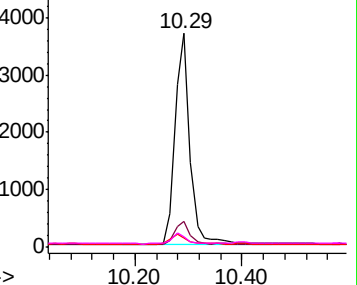


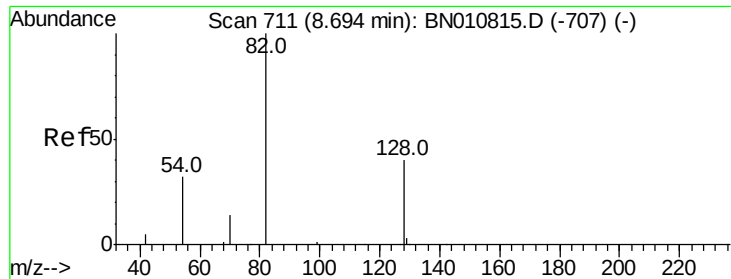
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.373 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

BNA_N

ClientSampled :

MW-26

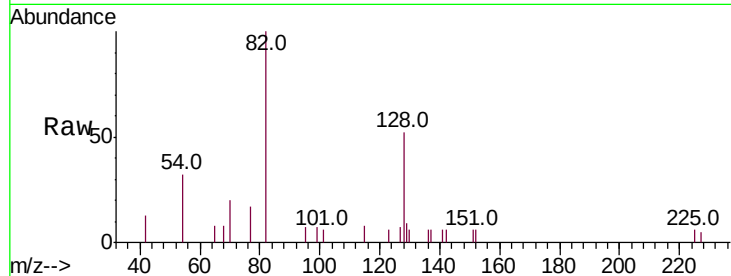
Tot Ion: 82 Resp: 1944

Ion Ratio Lower Upper

82 100

128 52.1 35.4 53.0

54 32.3 28.2 42.4



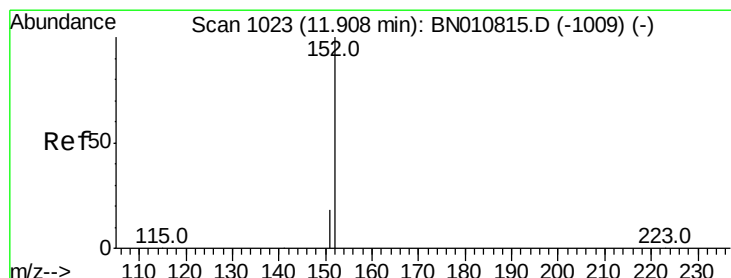
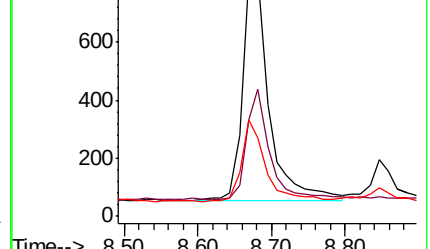
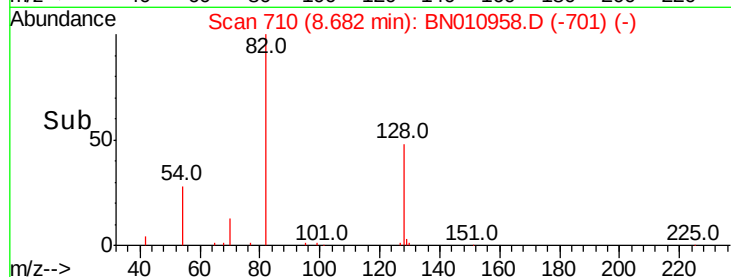
Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)

8.68

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.264 ng

RT: 11.88 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BN010958.D

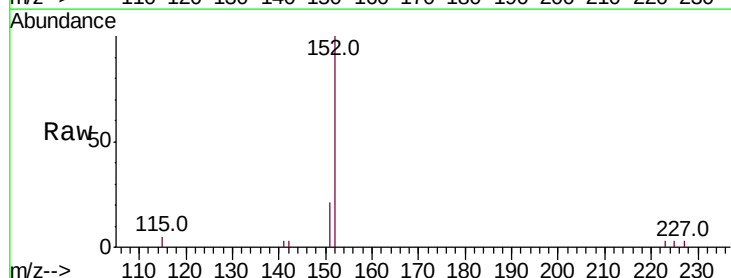
Acq: 18 Jun 2020 18:00

Tgt Ion: 152 Resp: 2887

Ion Ratio Lower Upper

152 100

151 23.6 15.3 22.9#

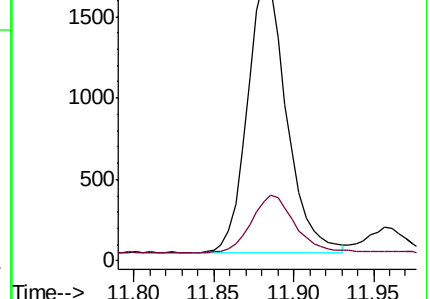
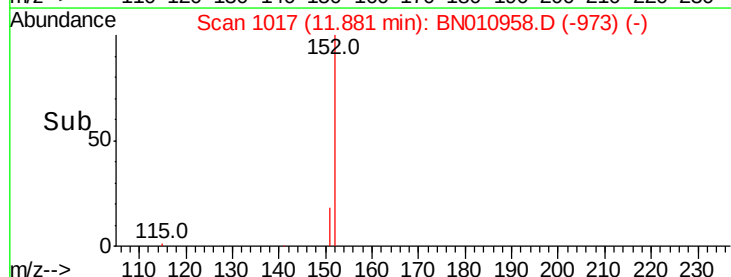


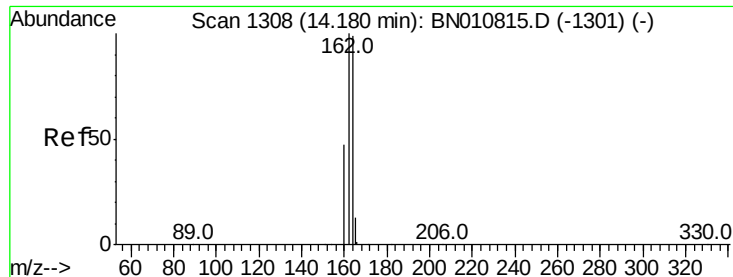
Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)

11.88

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

BNA_N

ClientSampleId :

MW-26

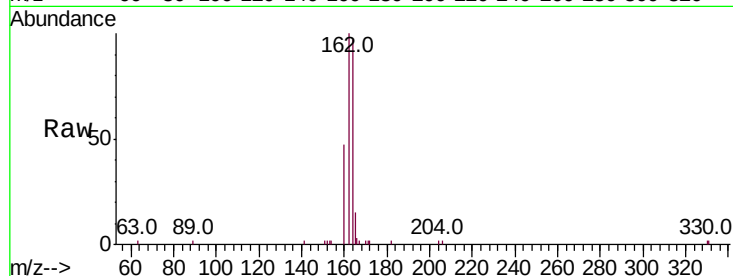
Tot Ion:164 Resp: 4055

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.6

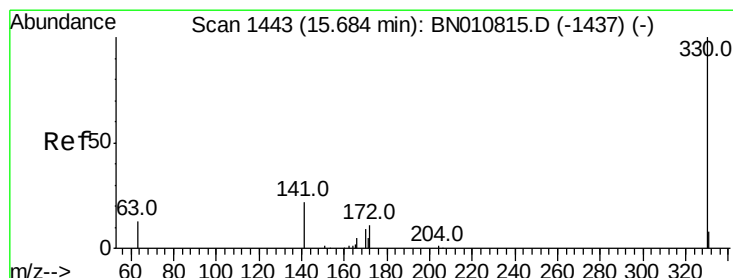
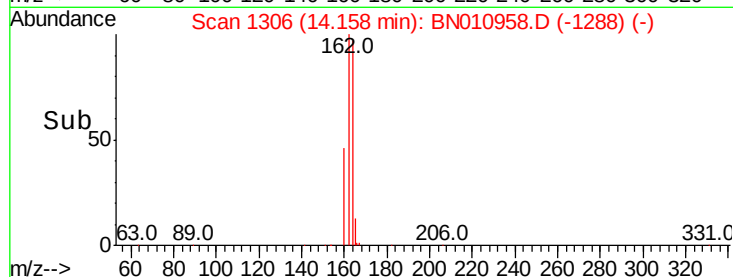
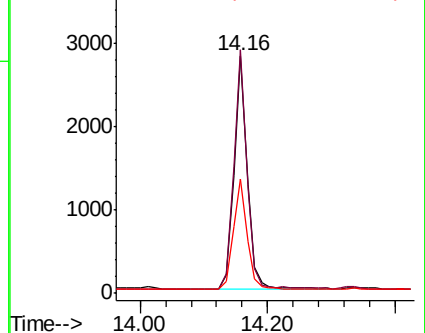
160 48.3 38.9 58.3



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: 0.421 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

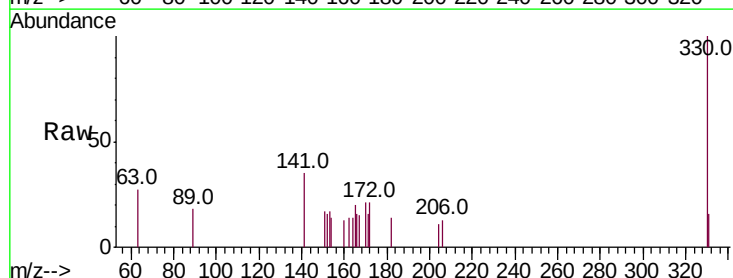
Tgt Ion:330 Resp: 610

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

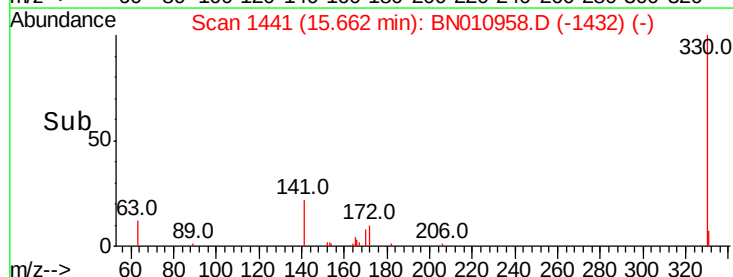
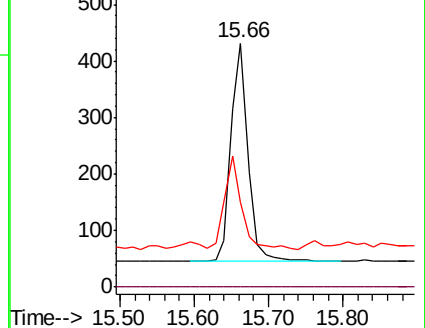
141 43.9 33.2 49.8

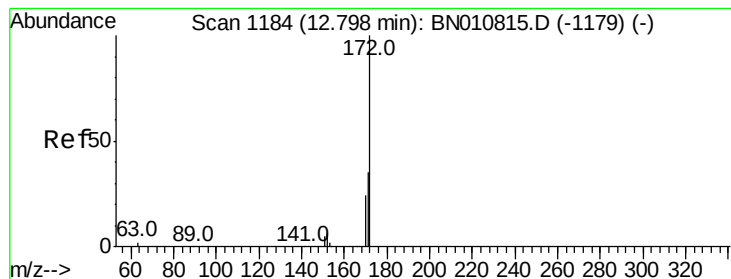


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.431 ng

RT: 12.78 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

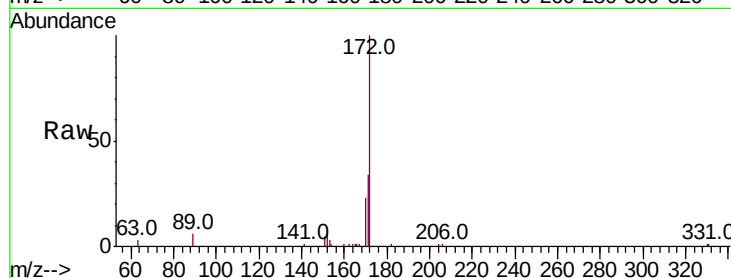
BNA_N

ClientSampleId :

MW-26

Tot Ion:172 Resp: 6902

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.1	19.7	29.5

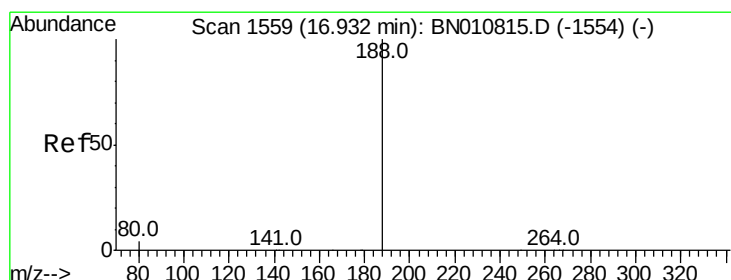
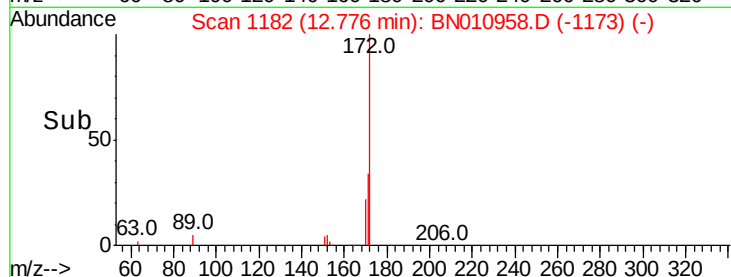
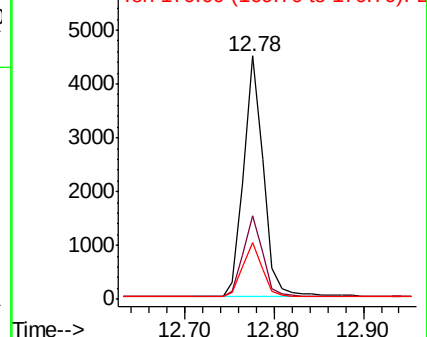


Abundance

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: 16.91 min Scan# 1557

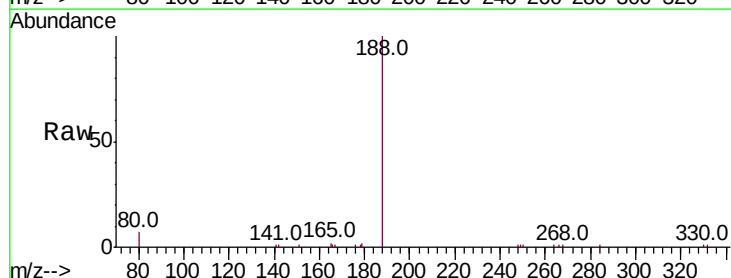
Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Tgt Ion:188 Resp: 8286

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	4.5	6.7

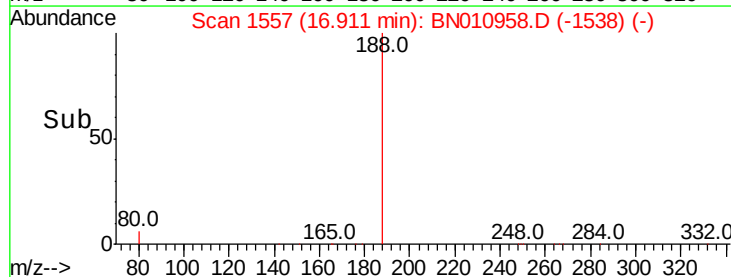
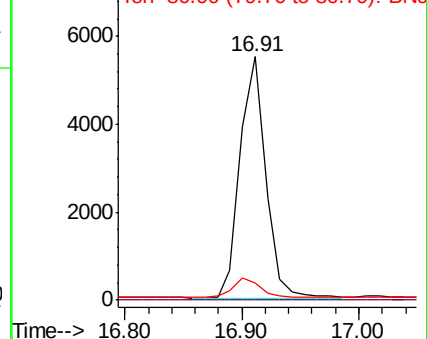


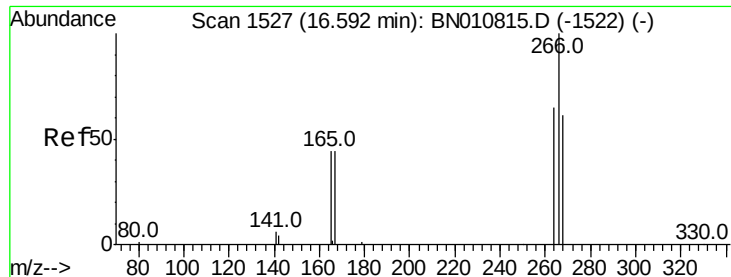
Abundance

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: 0.028 ng

RT: 16.57 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

BNA_N

ClientSampleId :

MW-26

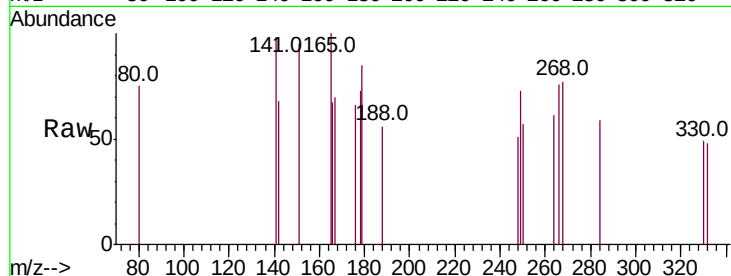
Tot Ion:266 Resp: 48

Ion Ratio Lower Upper

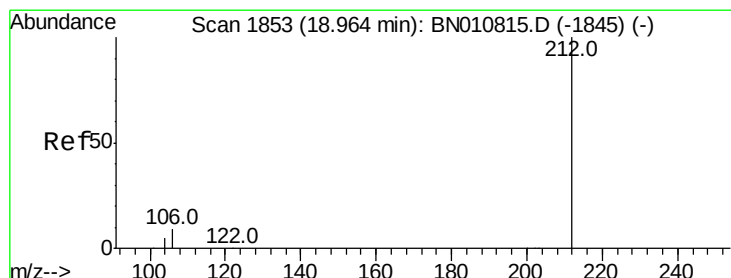
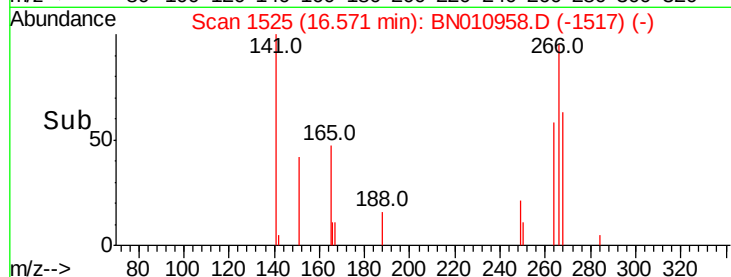
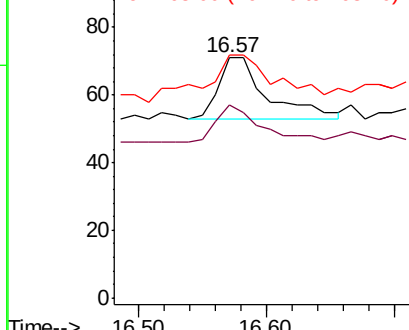
266 100

264 80.3 54.8 82.2

268 101.4 55.9 83.9#



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: 0.431 ng

RT: 18.95 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

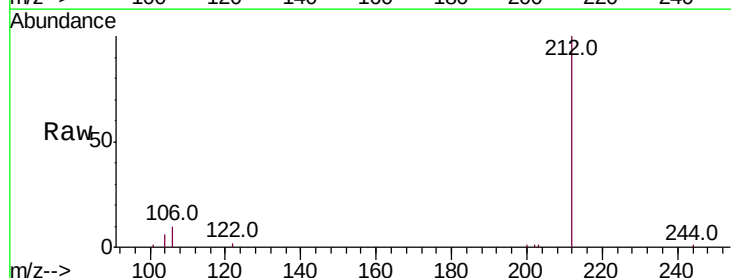
Tgt Ion:212 Resp: 9858

Ion Ratio Lower Upper

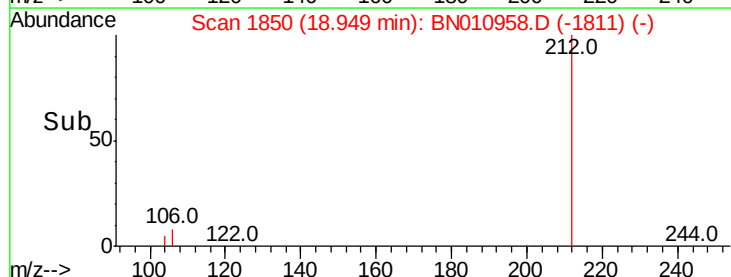
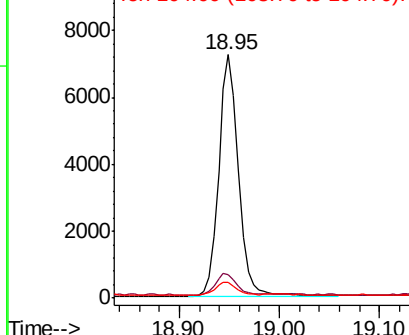
212 100

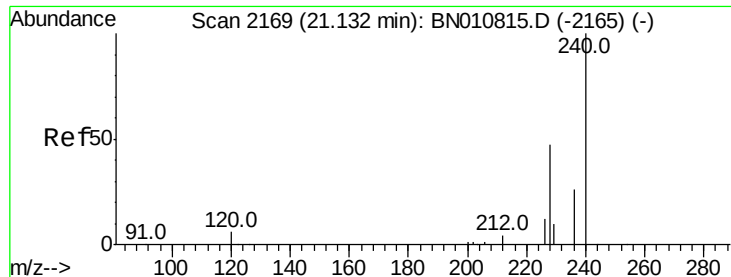
106 9.3 6.6 10.0

104 5.3 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# 2168

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

BNA_N

ClientSampleId :

MW-26

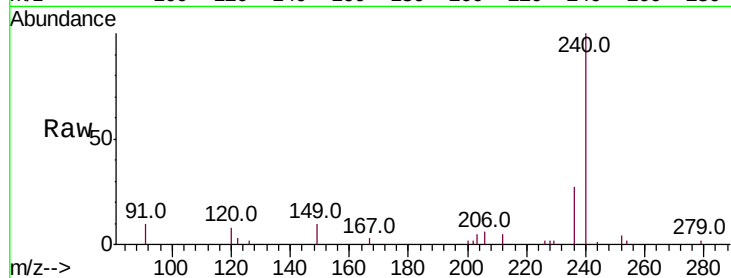
Tot Ion:240 Resp: 8188

Ion Ratio Lower Upper

240 100

120 7.9 7.5 11.3

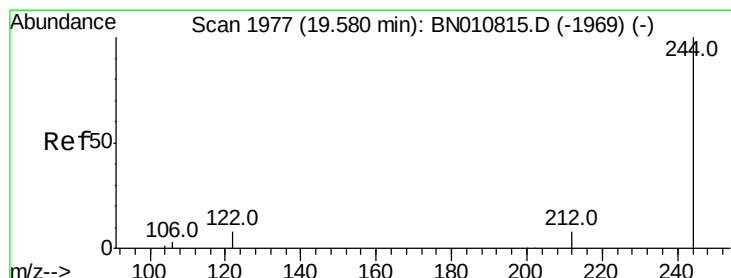
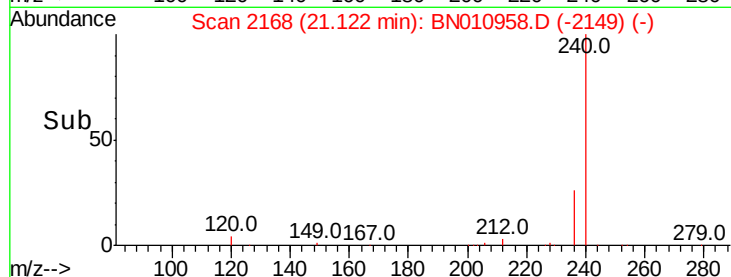
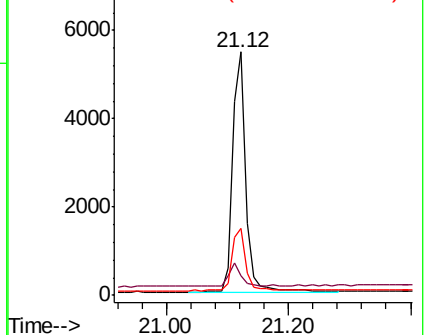
236 27.4 22.3 33.5



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: 0.524 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

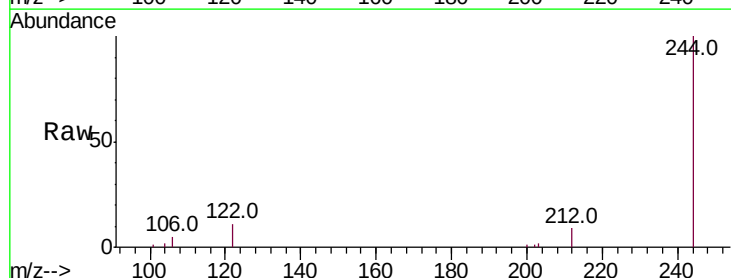
Tgt Ion:244 Resp: 10041

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

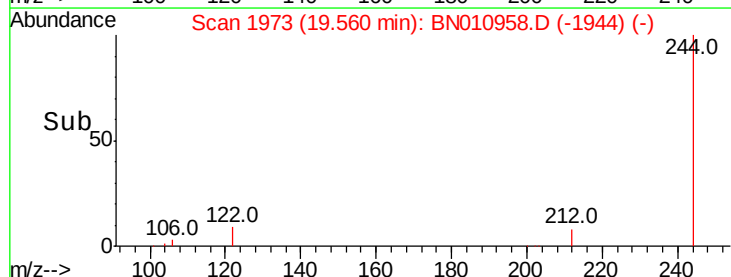
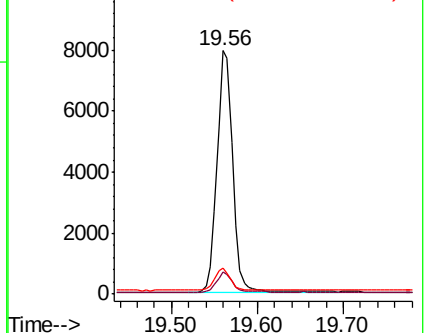
122 10.8 7.5 11.3

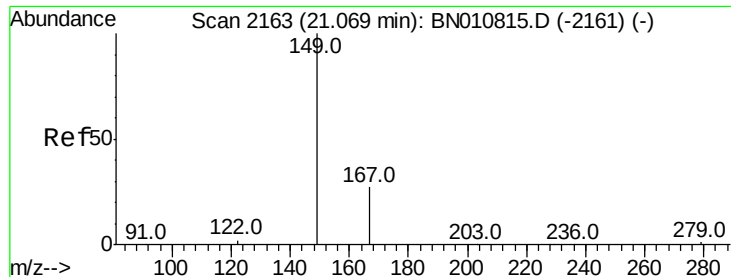


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.065 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

Instrument :

BNA_N

ClientSampleId :

MW-26

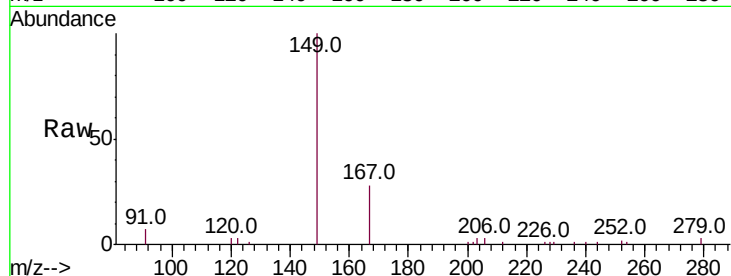
Tot Ion:149 Resp: 8544

Ion Ratio Lower Upper

149 100

167 28.0 24.1 36.1

279 4.7 4.6 7.0

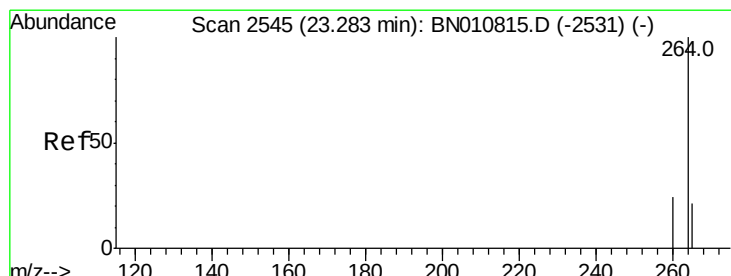
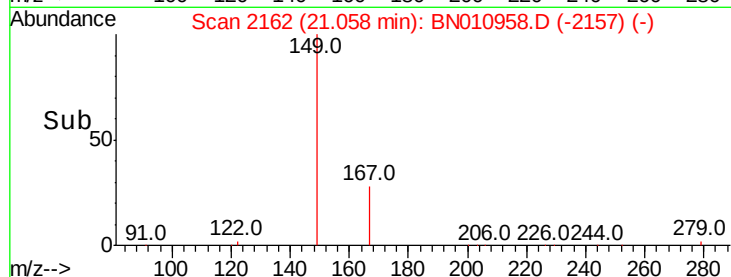
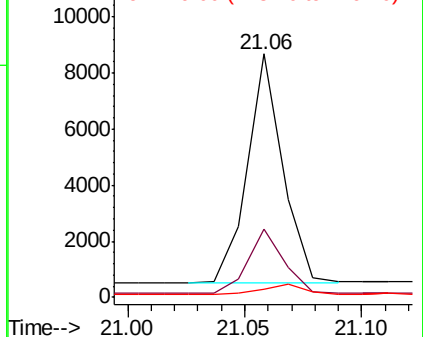


Abundance

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# 2539

Delta R.T. -0.00 min

Lab File: BN010958.D

Acq: 18 Jun 2020 18:00

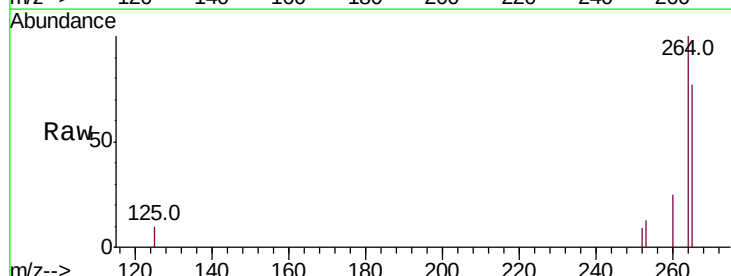
Tgt Ion:264 Resp: 8391

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 76.8 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

