

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
 Data File : BN010880.D
 Acq On : 15 Jun 2020 18:50
 Operator : CG/JU
 Sample : L3005-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW004-200611

Quant Time: Jun 23 11:51:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

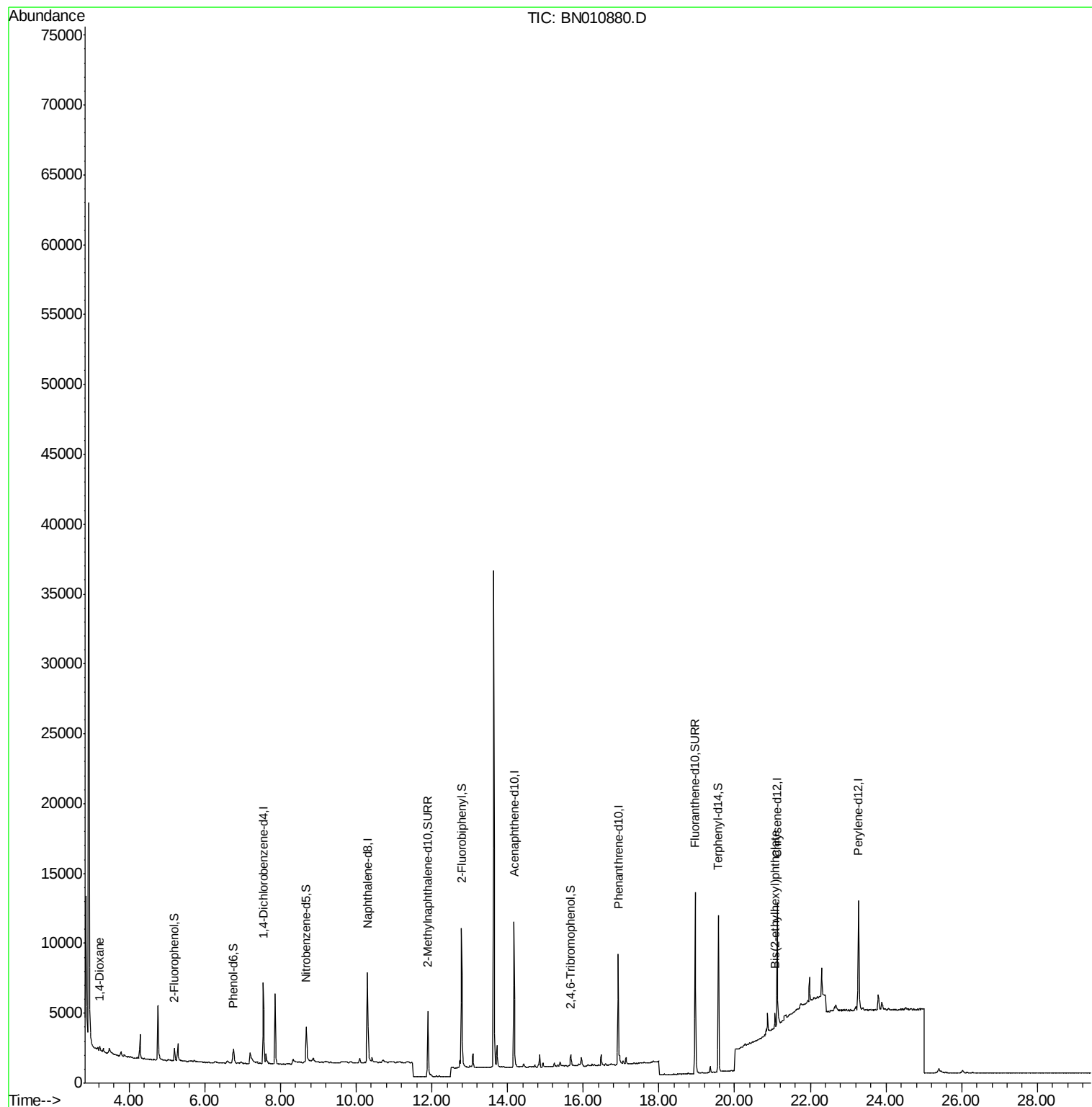
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2854	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	10494	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5937	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11843	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9726	0.40	ng	-0.01
34) Perylene-d12	23.27	264	10218	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	937	0.17	ng	0.00
5) Phenol-d6	6.74	99	705	0.11	ng	0.00
8) Nitrobenzene-d5	8.68	82	3039	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	7176	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	771	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	9646	0.41	ng	0.00
25) Fluoranthene-d10	18.96	212	16191	0.50	ng	0.00
29) Terphenyl-d14	19.57	244	12150	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	330	0.118	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.07	149	904	0.095	ng	# 97

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

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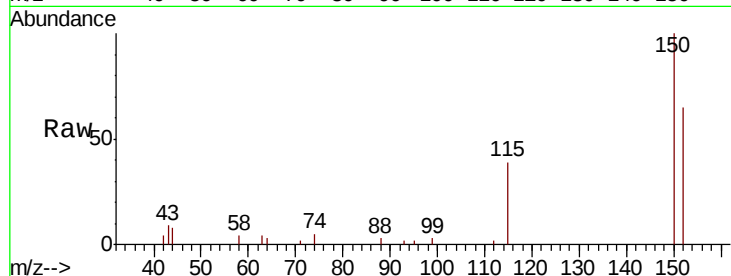


#1

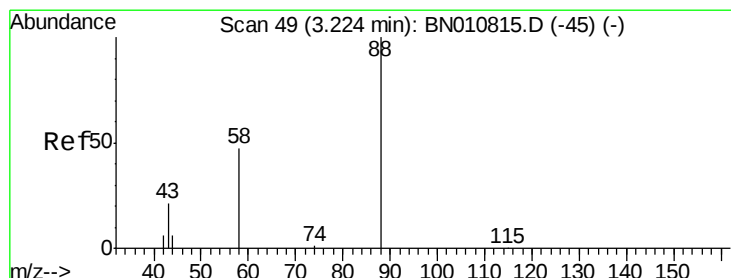
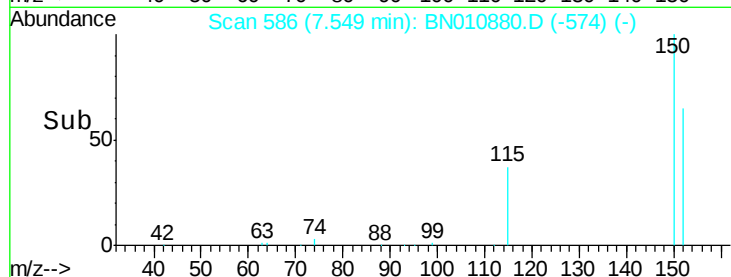
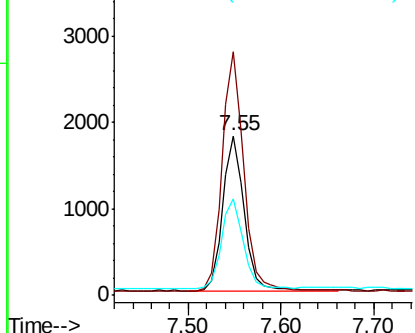
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010880.D
Acq: 15 Jun 2020 18:50

Instrument :
BNA_N
ClientSampleId :
LF017MW004-200611

Tot Ion:152 Resp: 2854
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 60.3 49.2 73.8



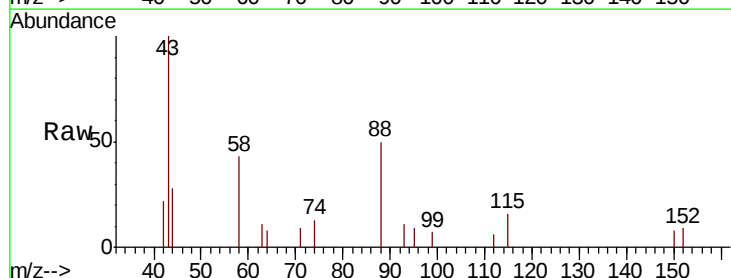
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



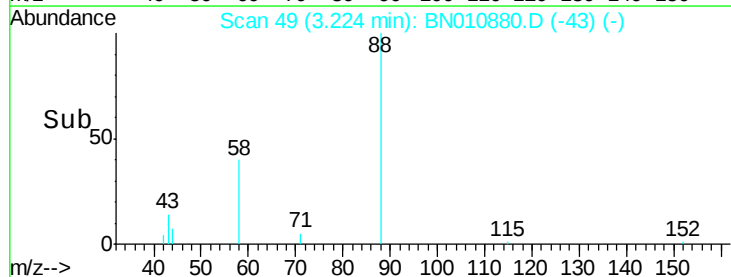
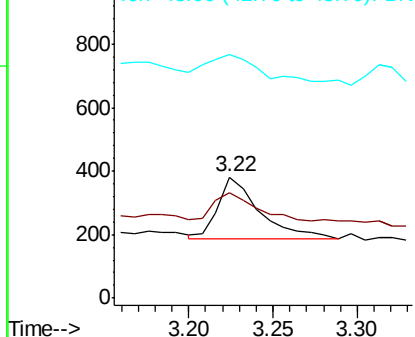
#2

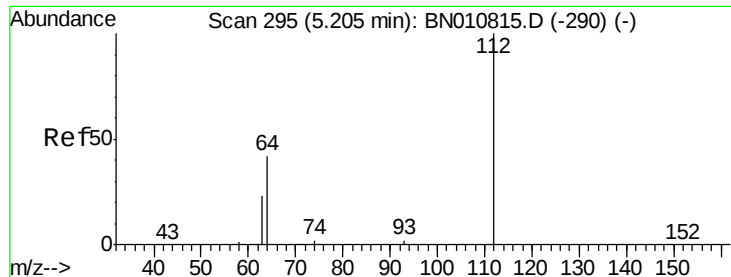
1,4-Dioxane
Concen: 0.118 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN010880.D
Acq: 15 Jun 2020 18:50

Tgt Ion: 88 Resp: 330
Ion Ratio Lower Upper
88 100
58 47.0 38.2 57.4
43 53.6 15.1 22.7#



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: 0.170 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

Instrument :

BNA_N

ClientSampleId :

LF017MW004-200611

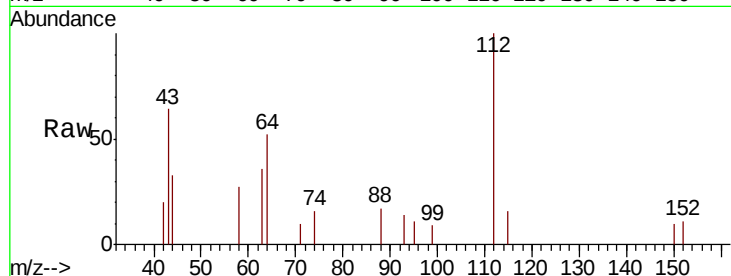
Tot Ion: 112 Resp: 937

Ion Ratio Lower Upper

112 100

64 42.4 37.4 56.0

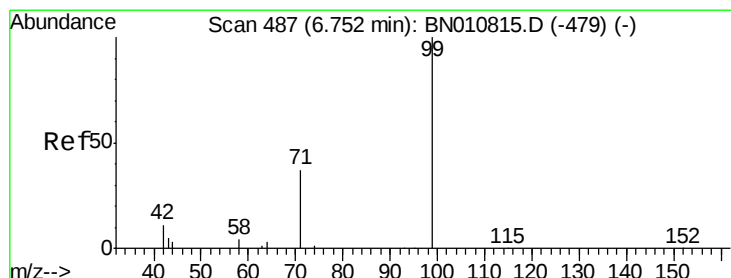
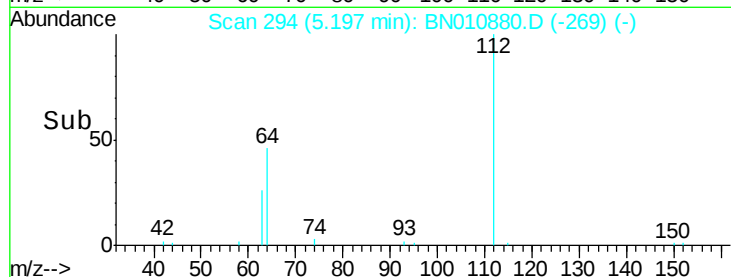
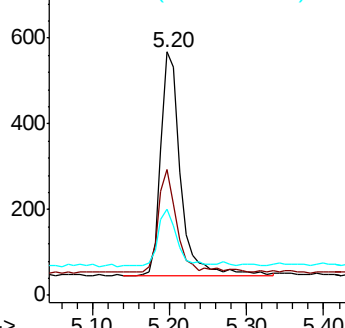
63 24.9 22.2 33.4



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: 0.109 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

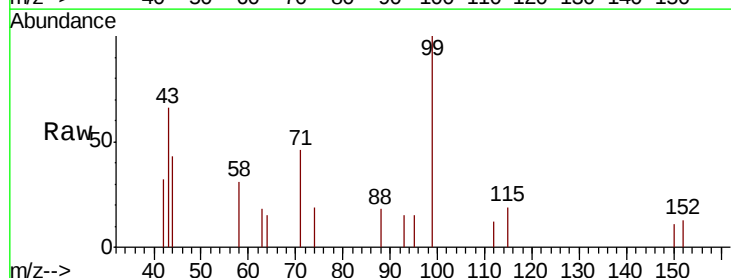
Tgt Ion: 99 Resp: 705

Ion Ratio Lower Upper

99 100

42 22.3 11.1 16.7#

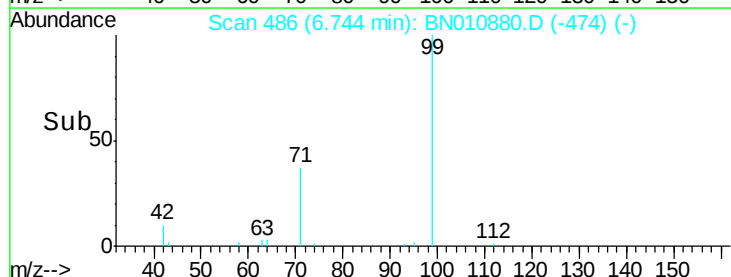
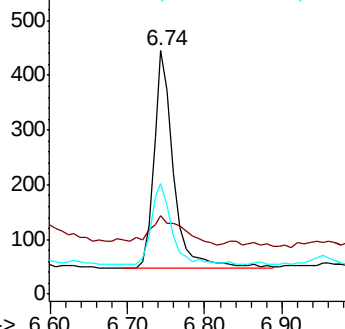
71 37.9 31.4 47.2

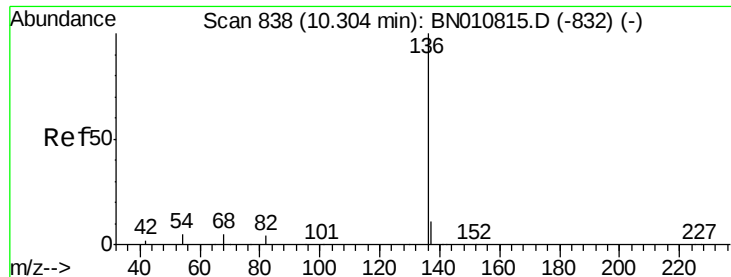


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

Instrument :

BNA_N

ClientSampleId :

LF017MW004-200611

Tot Ion:136 Resp: 10494

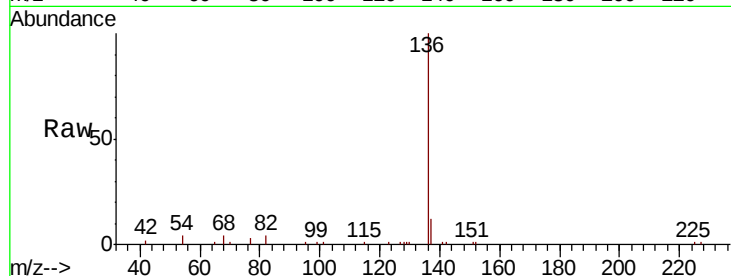
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 3.8 4.9 7.3#

68 4.4 4.7 7.1#

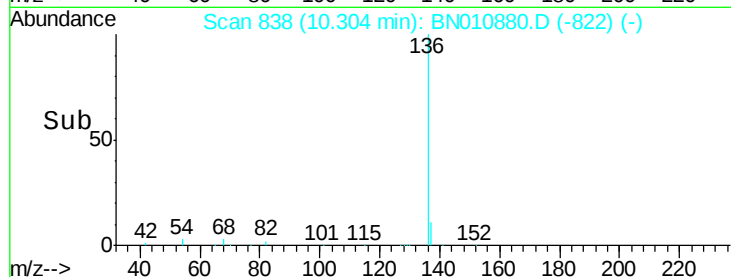


Abundance Ion 136.00 (135.70 to 136.70): E

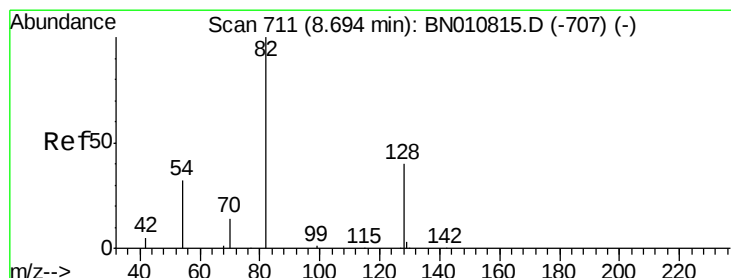
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

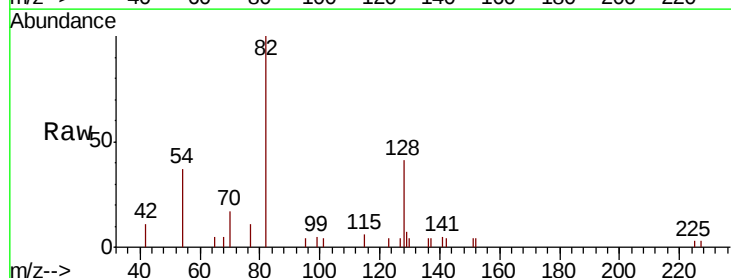
Tgt Ion: 82 Resp: 3039

Ion Ratio Lower Upper

82 100

128 40.9 35.4 53.0

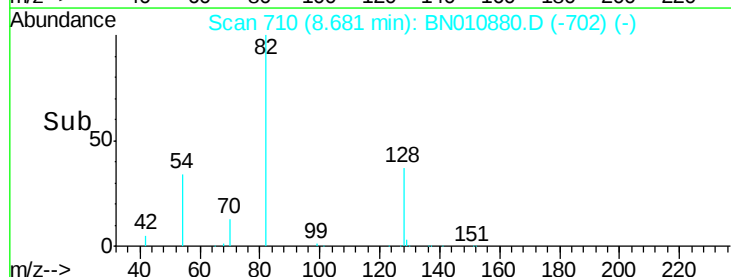
54 36.8 28.2 42.4



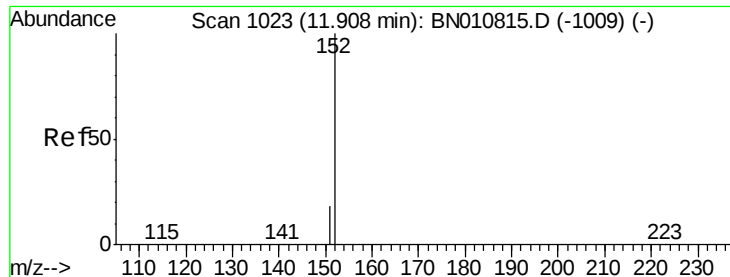
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



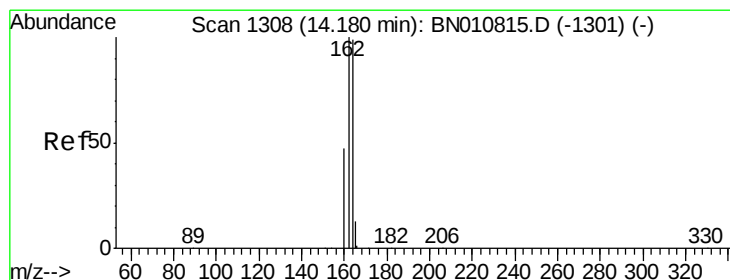
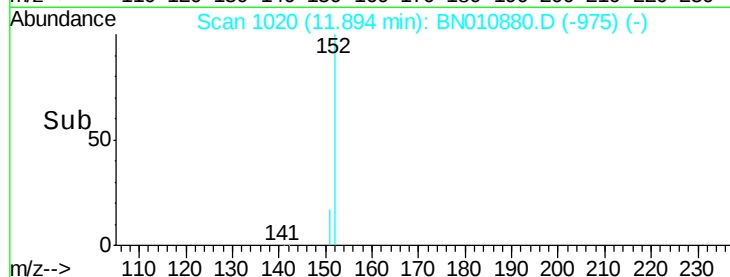
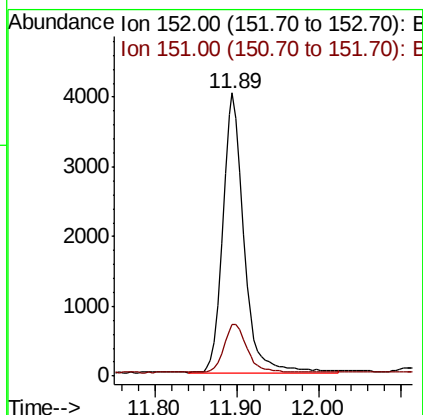
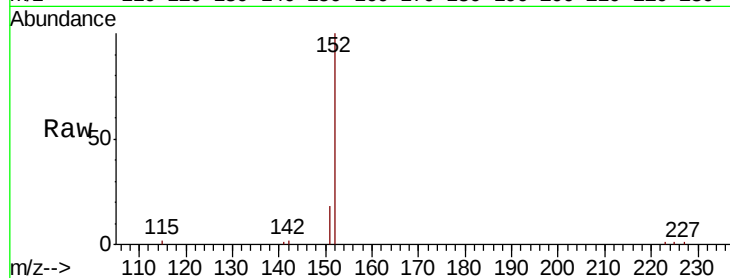
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 11.89 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BN010880.D
Acq: 15 Jun 2020 18:50

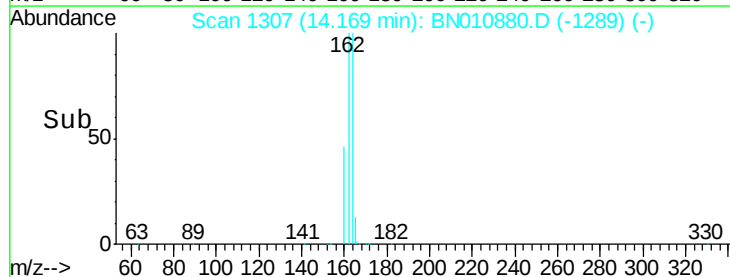
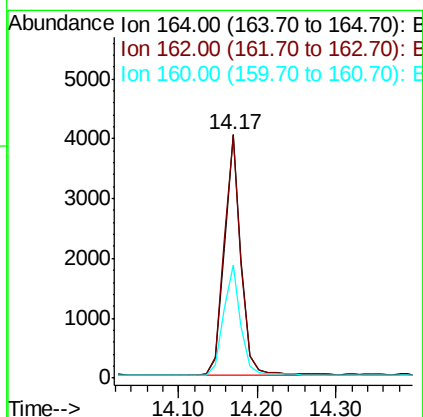
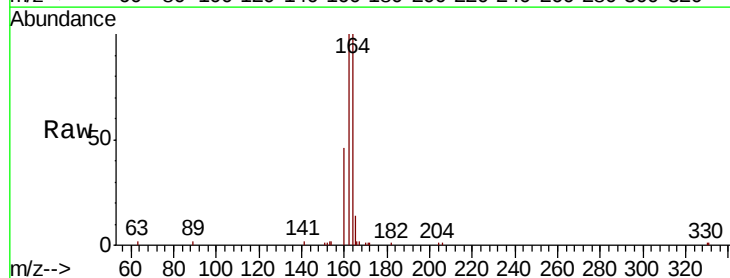
Instrument :
BNA_N
ClientSampleId :
LF017MW004-200611

Tot Ion:152 Resp: 7176
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010880.D
Acq: 15 Jun 2020 18:50

Tgt Ion:164 Resp: 5937
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.6
160 46.4 38.9 58.3

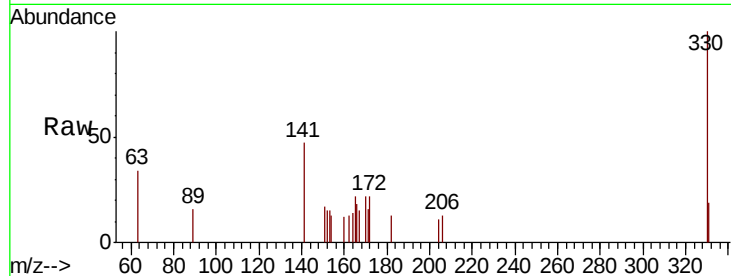




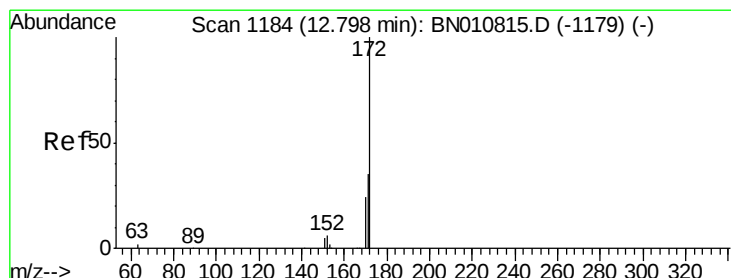
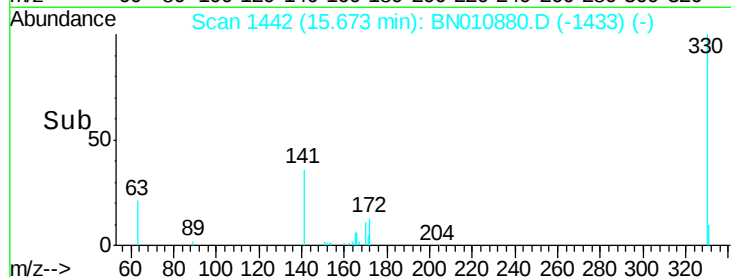
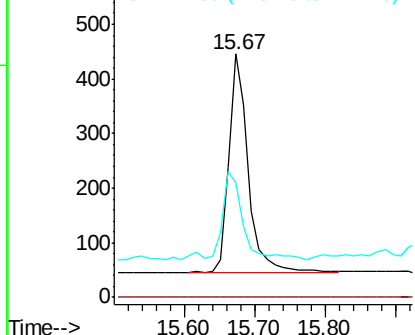
#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010880.D
Acq: 15 Jun 2020 18:50

Instrument :
BNA_N
ClientSampleId :
LF017MW004-200611

Tot Ion:330 Resp: 771
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.8 33.2 49.8

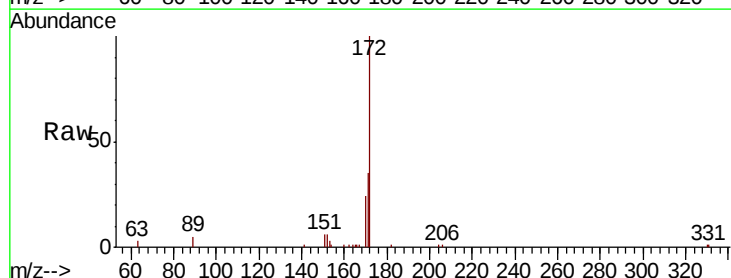


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

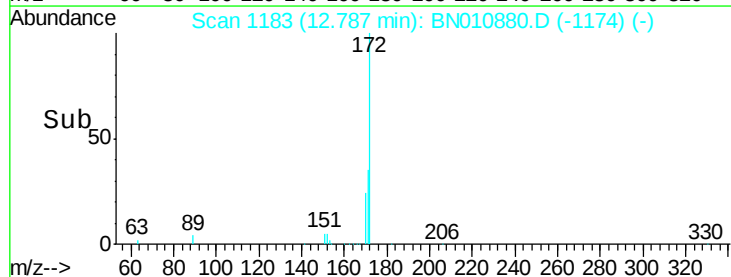
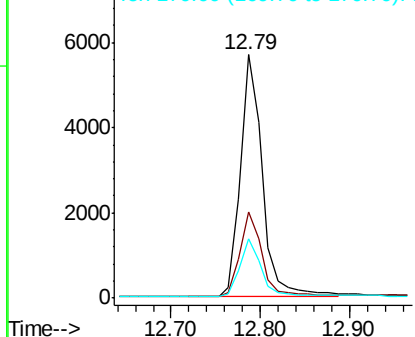


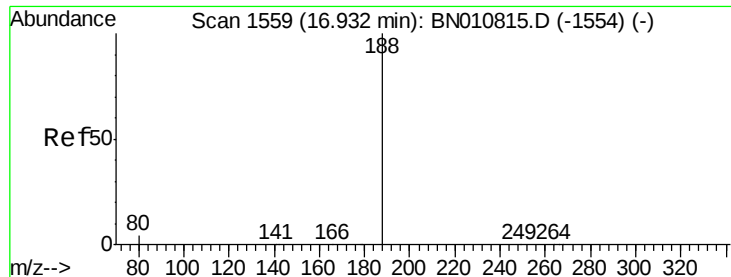
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010880.D
Acq: 15 Jun 2020 18:50

Tgt Ion:172 Resp: 9646
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.3 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: 16.92 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

Instrument :

BNA_N

ClientSampleId :

LF017MW004-200611

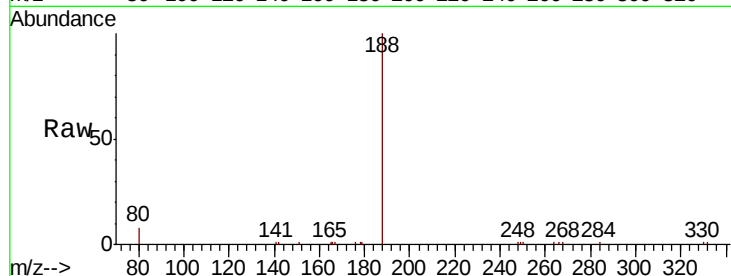
Tot Ion:188 Resp: 11843

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

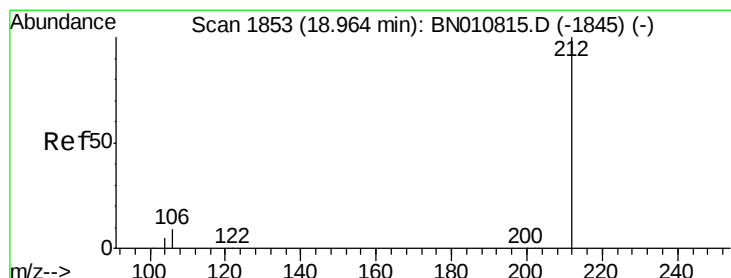
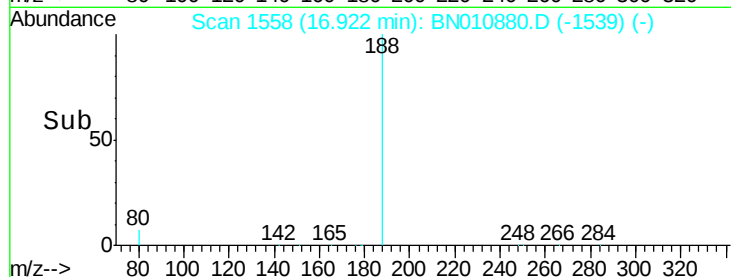
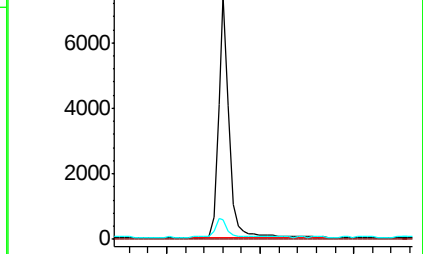
80 8.1 4.5 6.7#



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



#25

Fluoranthene-d10

Concen: 0.495 ng

RT: 18.96 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

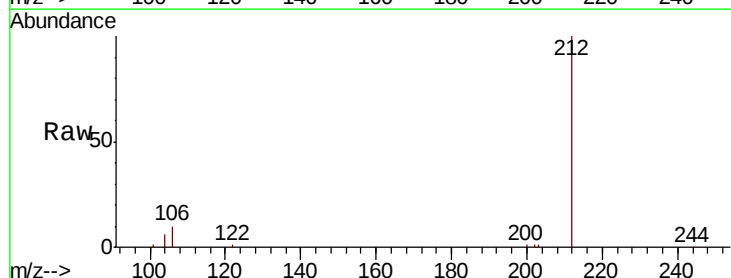
Tgt Ion:212 Resp: 16191

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

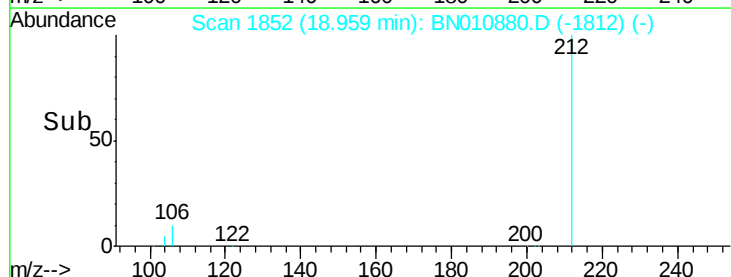
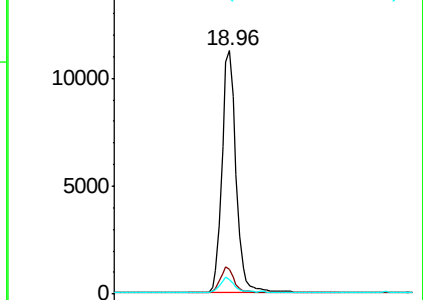
104 5.9 4.0 6.0



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. -0.01 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

Instrument :

BNA_N

ClientSampleId :

LF017MW004-200611

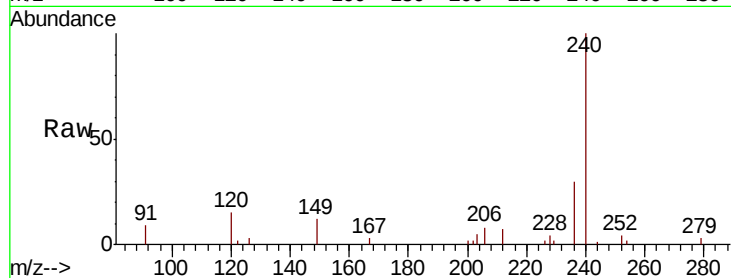
Tot Ion:240 Resp: 9726

Ion Ratio Lower Upper

240 100

120 15.1 7.5 11.3#

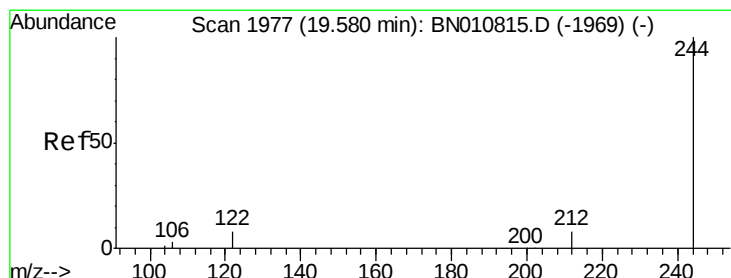
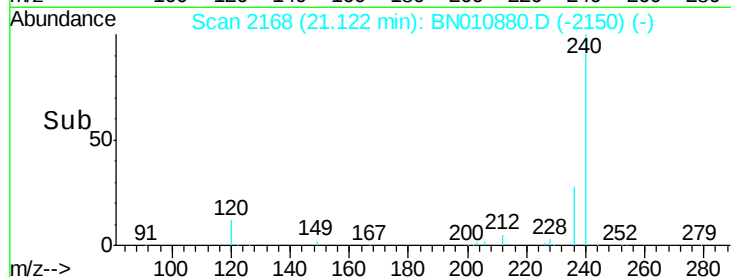
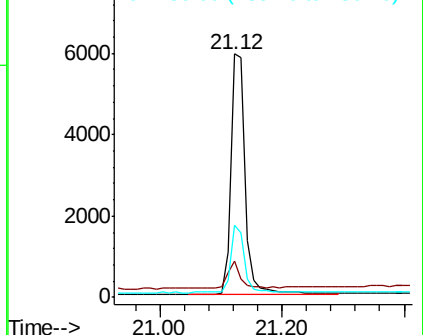
236 29.5 22.3 33.5



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: 0.534 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

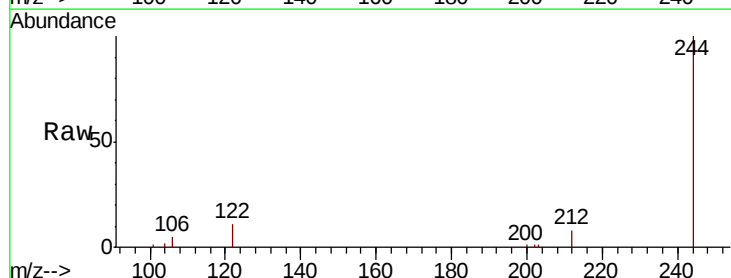
Tgt Ion:244 Resp: 12150

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

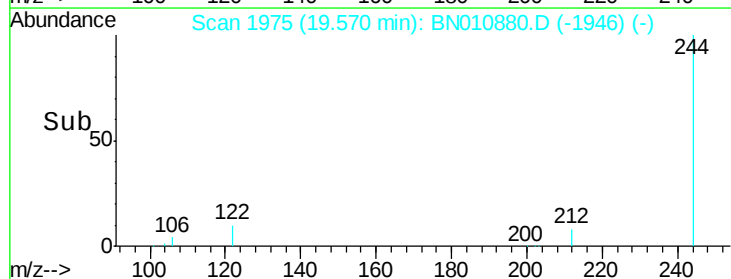
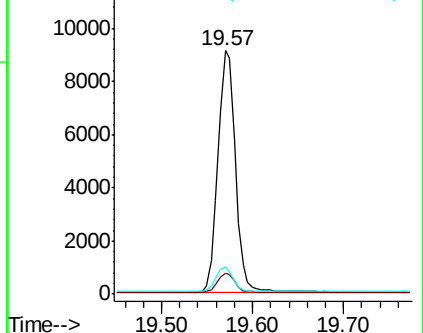
122 11.3 7.5 11.3#

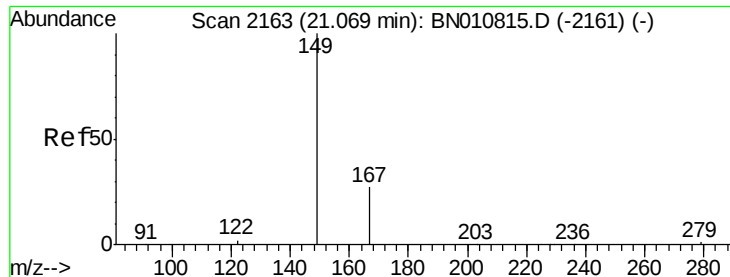


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

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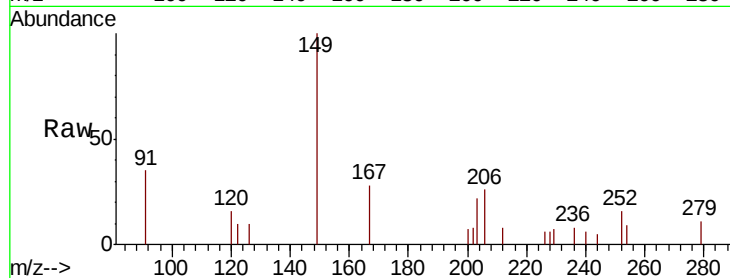
Tot Ion:149 Resp: 904

Ion Ratio Lower Upper

149 100

167 28.9 24.1 36.1

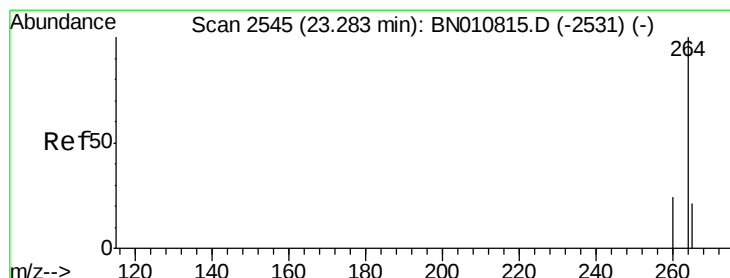
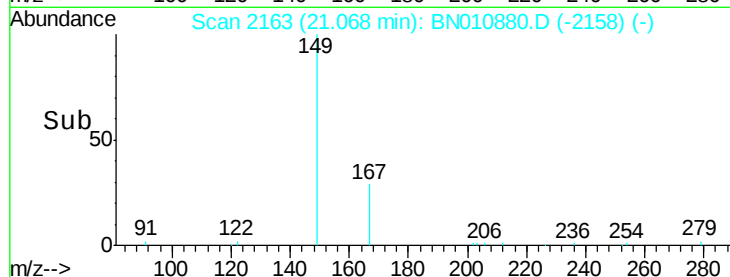
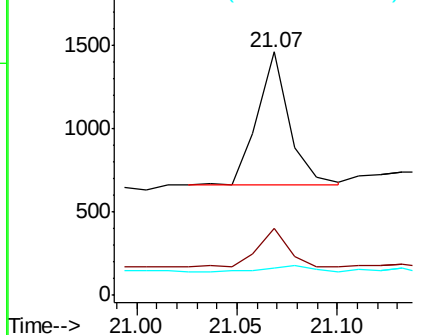
279 8.3 4.6 7.0#



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: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

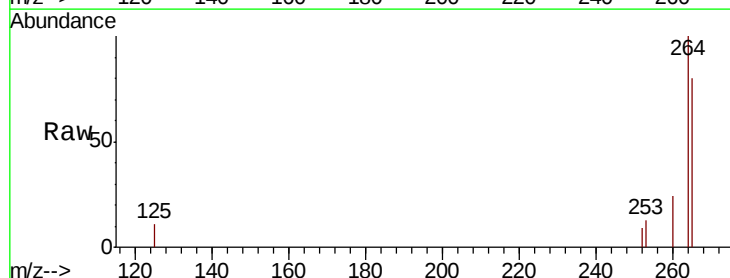
Tgt Ion:264 Resp: 10218

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 80.3 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

