

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 15 19:21:37 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

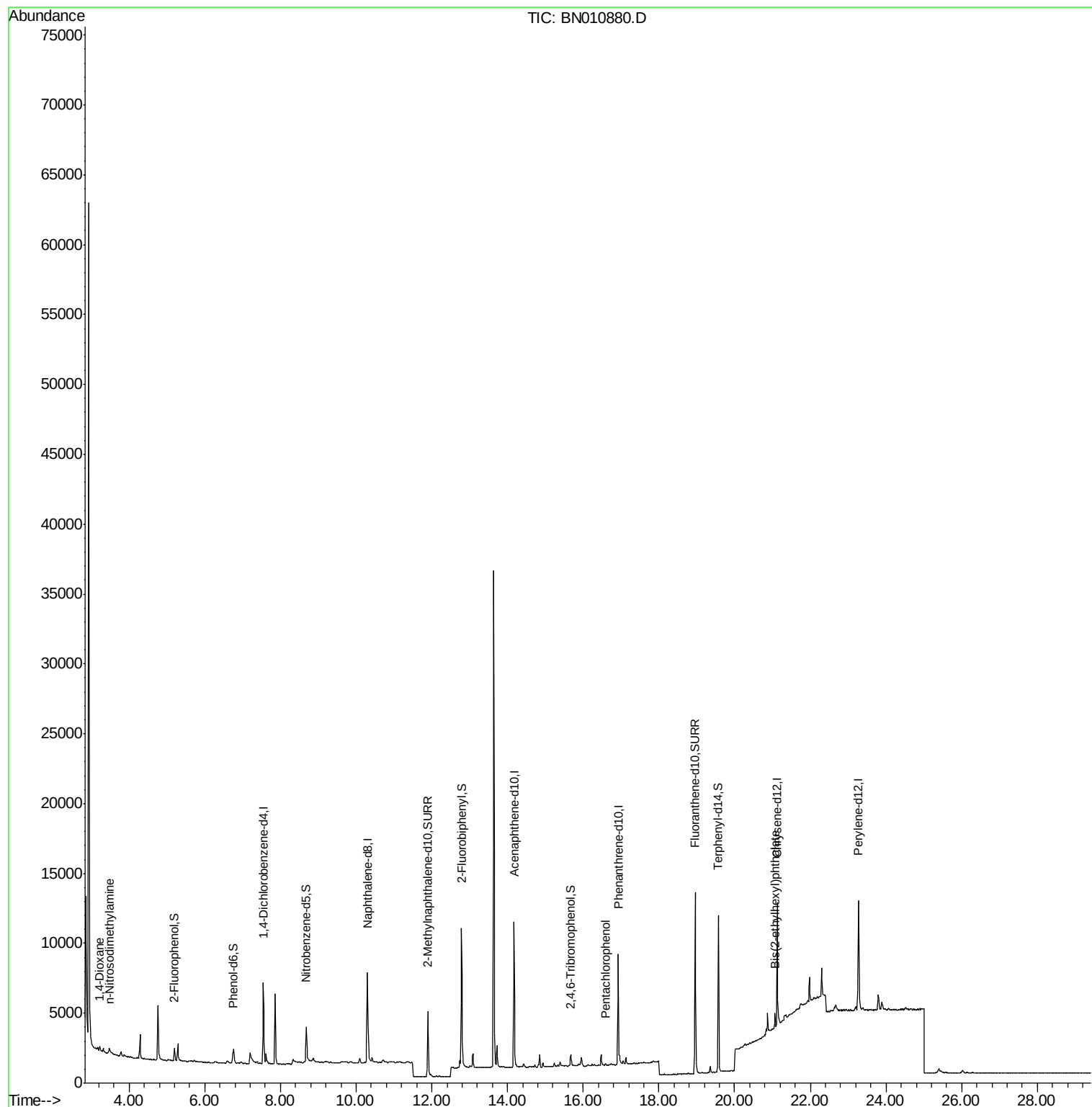
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2854	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	10494	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5937	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11843	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9726	0.40	ng	-0.01
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
3) n-Nitrosodimethylamine	3.47	42	172	0.106	ng	# 1
22) Pentachlorophenol	16.59	266	104	0.042	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.07	149	904	0.095	ng	# 97

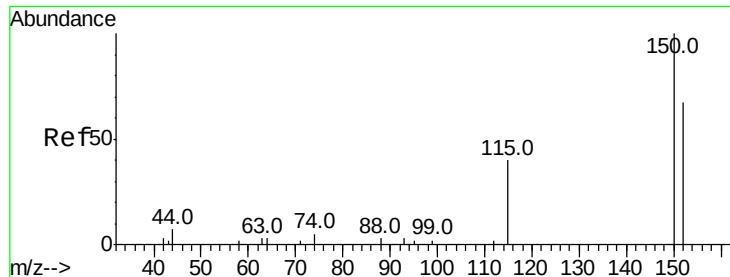
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
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Quant Time: Jun 15 19:21:37 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





#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

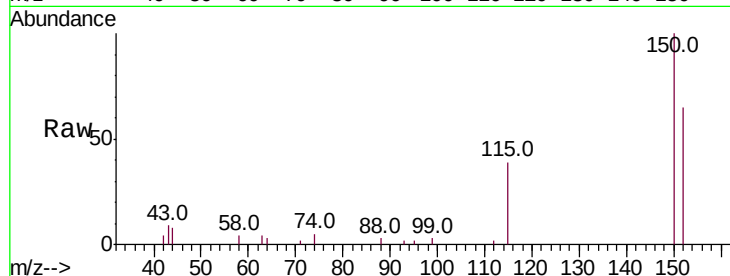
Tot Ion:152 Resp: 2854

Ion Ratio Lower Upper

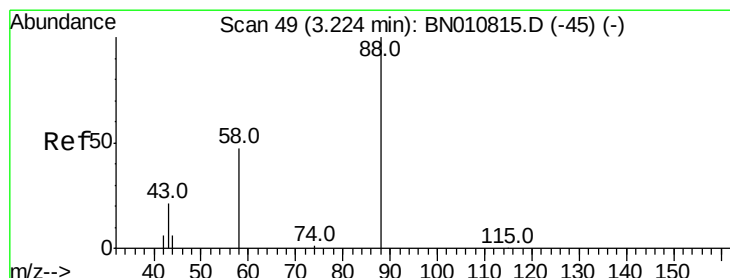
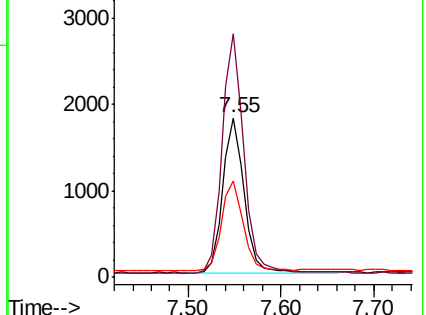
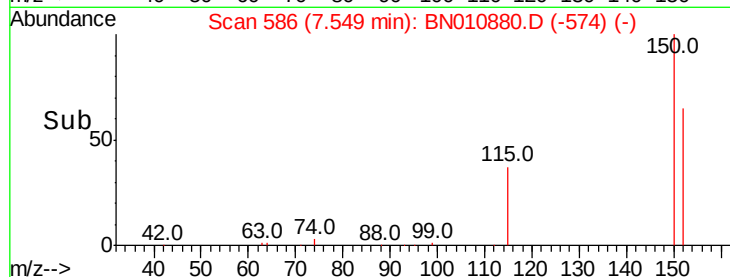
152 100

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

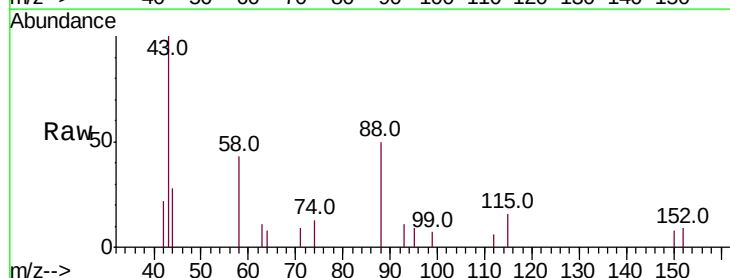
Tgt Ion: 88 Resp: 330

Ion Ratio Lower Upper

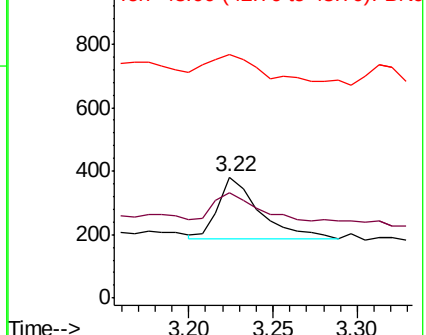
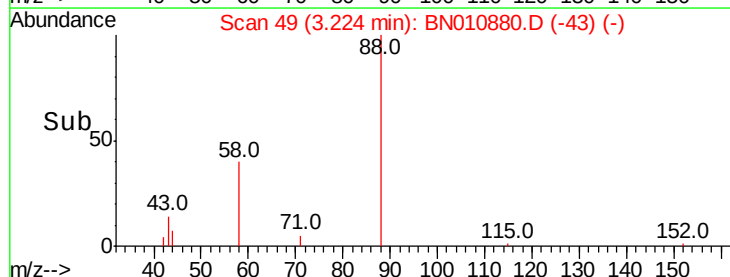
88 100

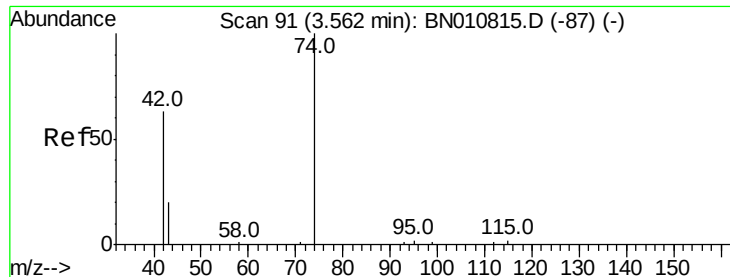
58 47.0 38.2 57.4

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





#3

n-Nitrosodimethylamine

Concen: 0.106 ng

RT: 3.47 min Scan# 80

Delta R.T. -0.07 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

Instrument :

BNA_N

ClientSampleId :

LF017MW004-200611

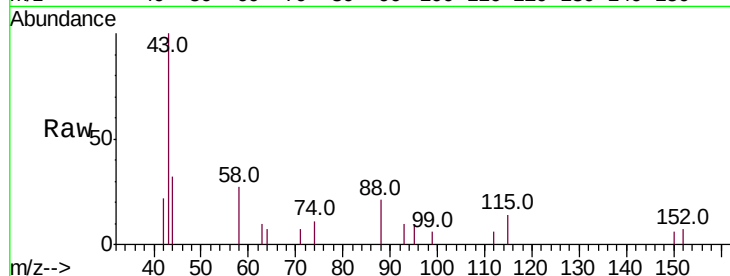
Tot Ion: 42 Resp: 172

Ion Ratio Lower Upper

42 100

74 5.2 140.7 211.1#

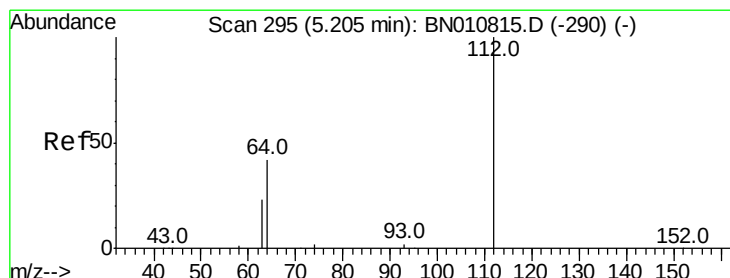
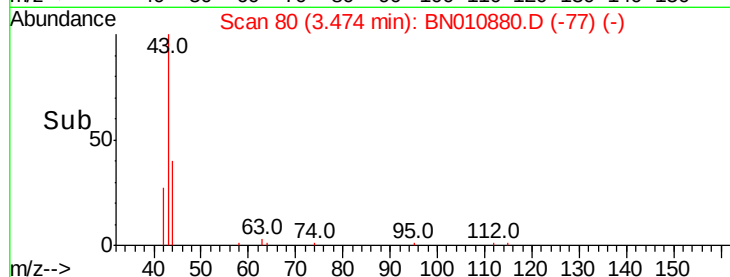
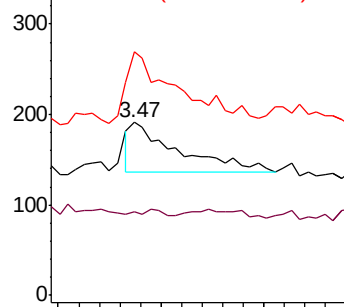
44 121.5 1.4 2.2#



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: 0.170 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

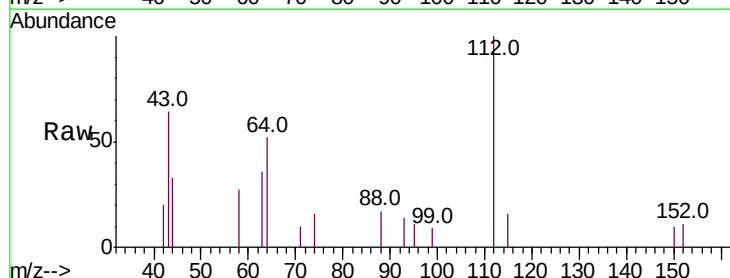
Tgt Ion: 112 Resp: 937

Ion Ratio Lower Upper

112 100

64 42.4 37.4 56.0

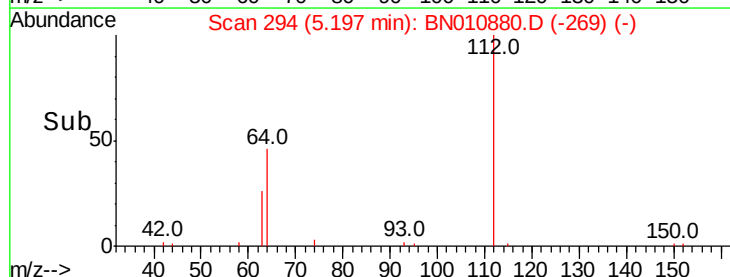
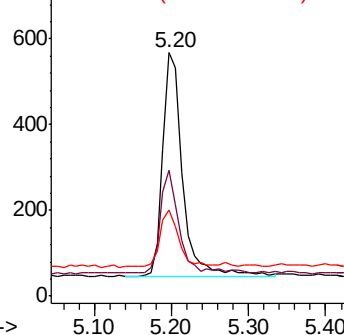
63 24.9 22.2 33.4

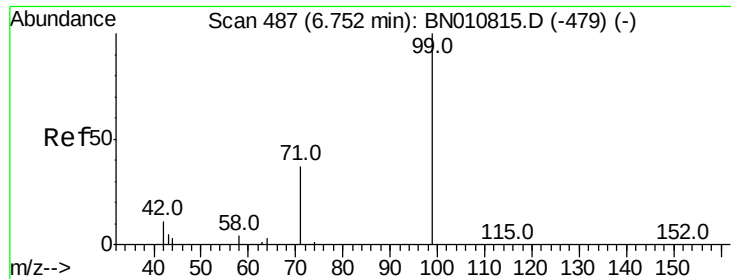


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#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

Instrument :

BNA_N

ClientSampleId :

LF017MW004-200611

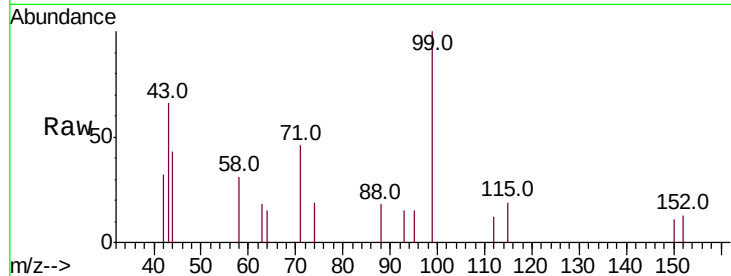
Tot Ion: 99 Resp: 705

Ion Ratio Lower Upper

99 100

42 22.3 11.1 16.7#

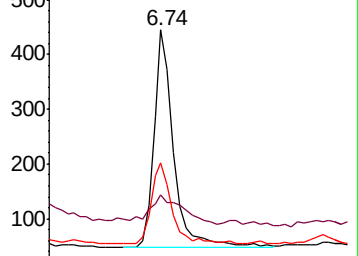
71 37.9 31.4 47.2



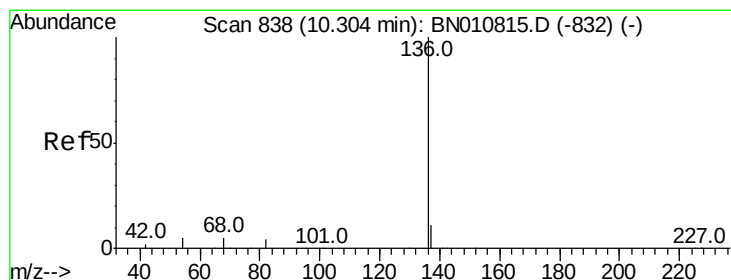
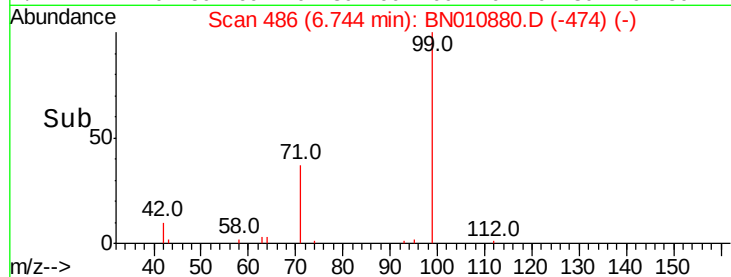
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

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

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



Time--> 6.60 6.70 6.80 6.90



#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

Tgt Ion: 136 Resp: 10494

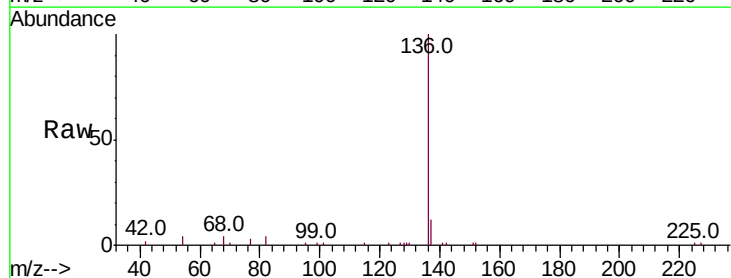
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 3.8 4.9 7.3#

68 4.4 4.7 7.1#

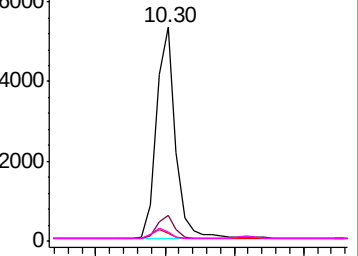


Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

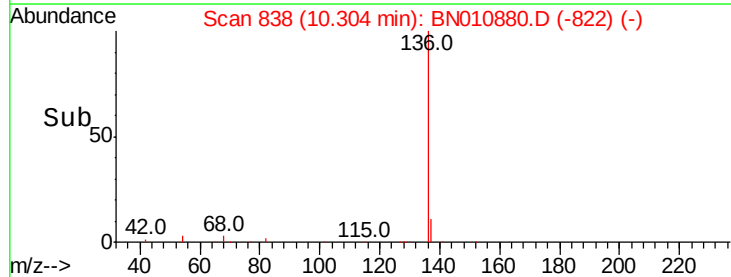
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

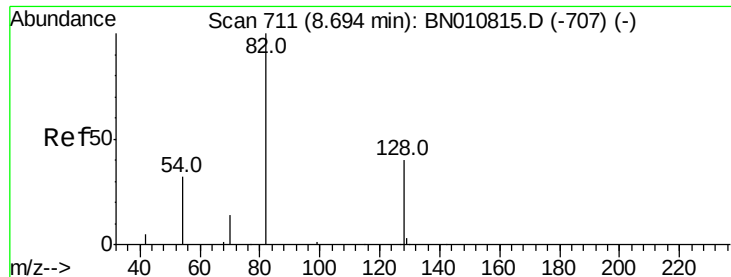
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

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



Time--> 10.20 10.30 10.40 10.50





#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

Instrument :

BNA_N

ClientSampleId :

LF017MW004-200611

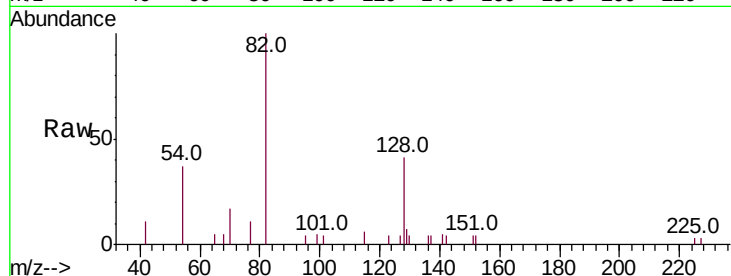
Tot Ion: 82 Resp: 3039

Ion Ratio Lower Upper

82 100

128 40.9 35.4 53.0

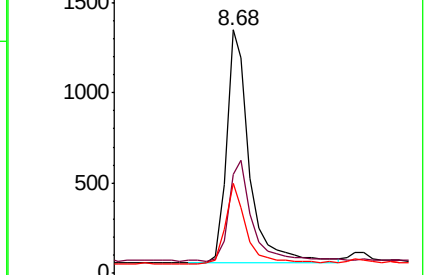
54 36.8 28.2 42.4



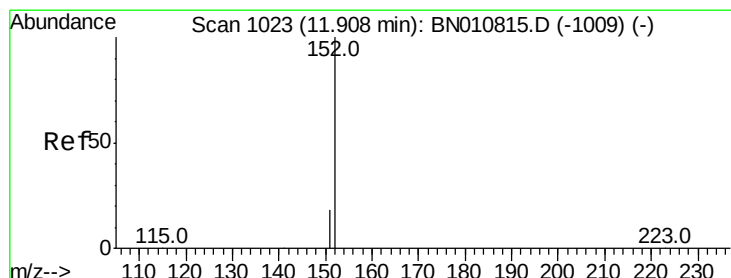
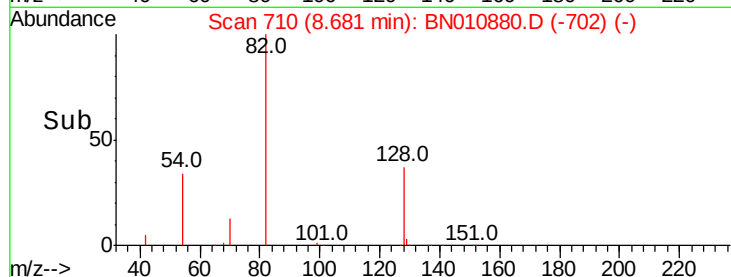
Abundance Ion 82.00 (81.70 to 82.70): BN010880.D (-975) (-)

Ion 128.00 (127.70 to 128.70): BN010880.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BN010880.D (-975) (-)



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

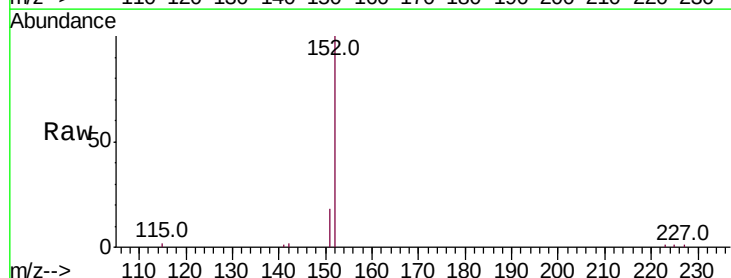
Acq: 15 Jun 2020 18:50

Tgt Ion: 152 Resp: 7176

Ion Ratio Lower Upper

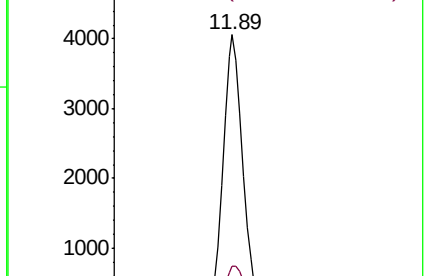
152 100

151 19.0 15.3 22.9

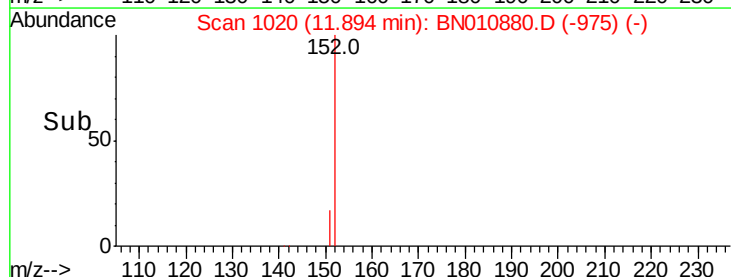


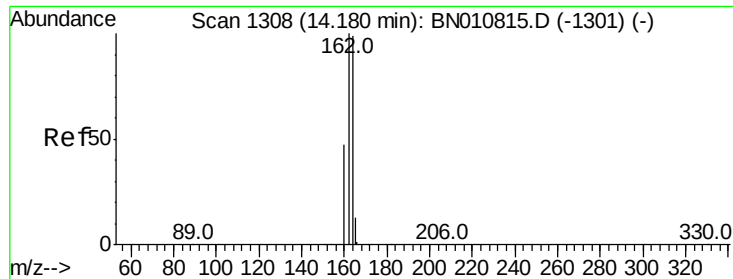
Abundance Ion 152.00 (151.70 to 152.70): BN010880.D (-975) (-)

Ion 151.00 (150.70 to 151.70): BN010880.D (-975) (-)



Time-->





#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

Instrument :

BNA_N

ClientSampleId :

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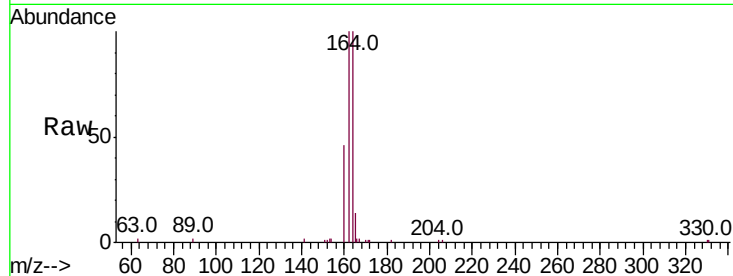
Tot Ion:164 Resp: 5937

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.6

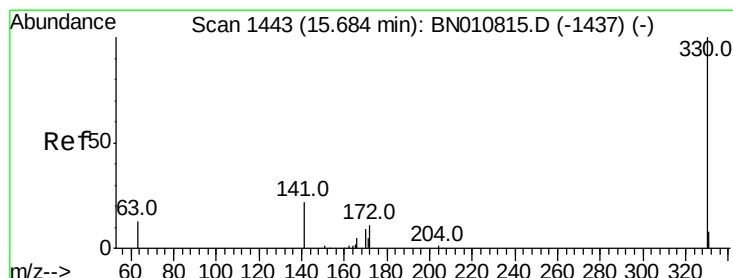
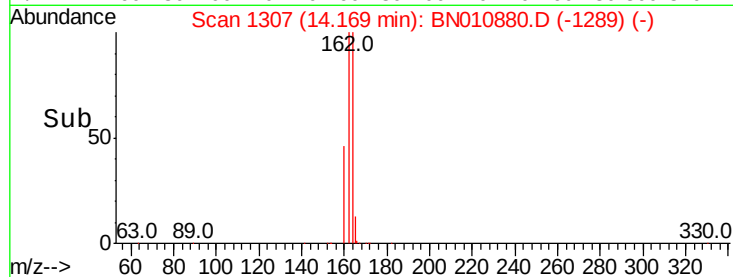
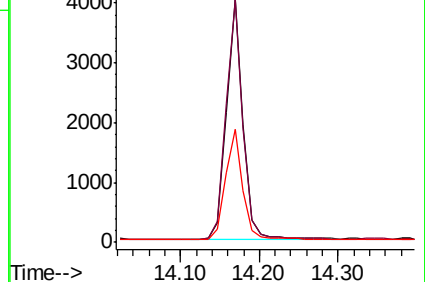
160 46.4 38.9 58.3



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: 0.363 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

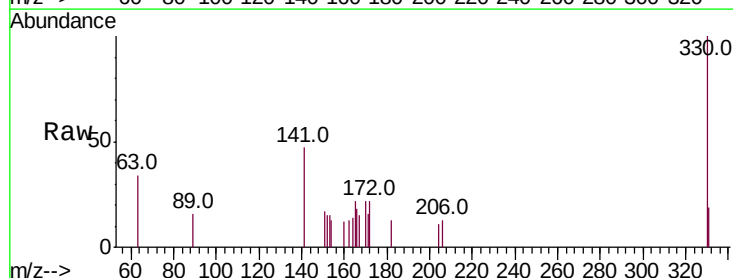
Tgt Ion:330 Resp: 771

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

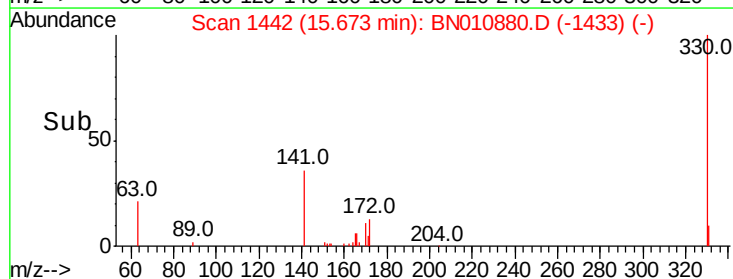
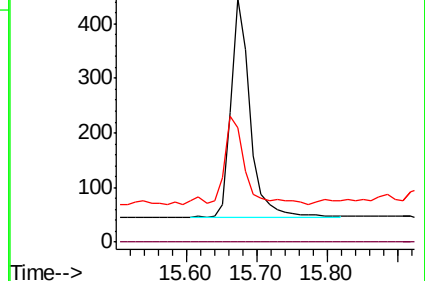
141 42.8 33.2 49.8

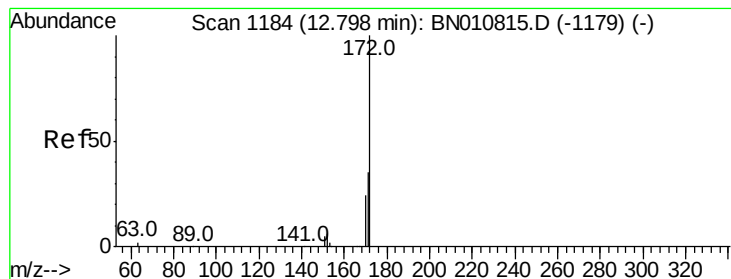


Abundance Ion 330.00 (329.70 to 330.70): E

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

Instrument :

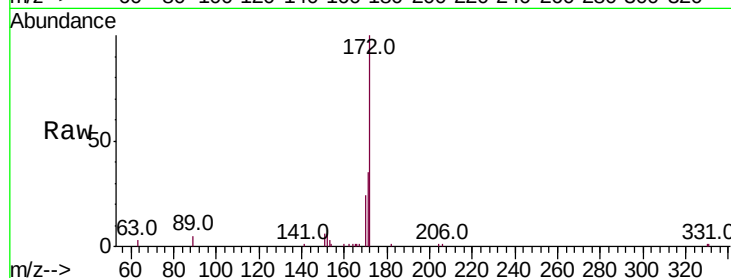
BNA_N

ClientSampleId :

LF017MW004-200611

Tot Ion:172 Resp: 9646

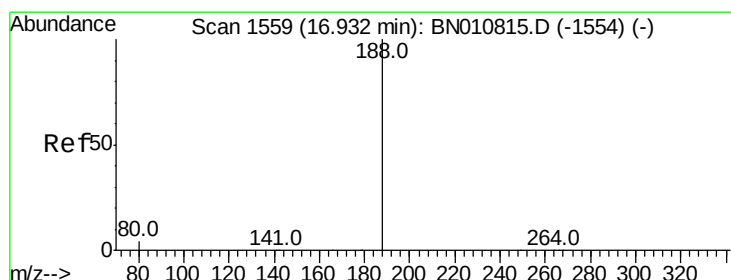
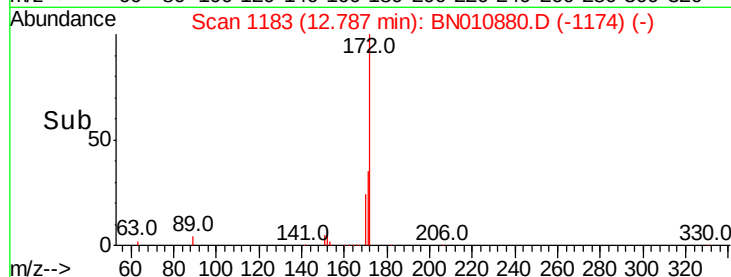
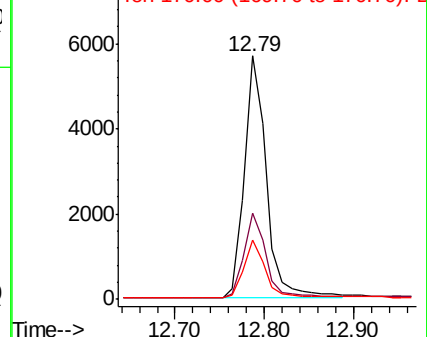
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.3	19.7	29.5



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

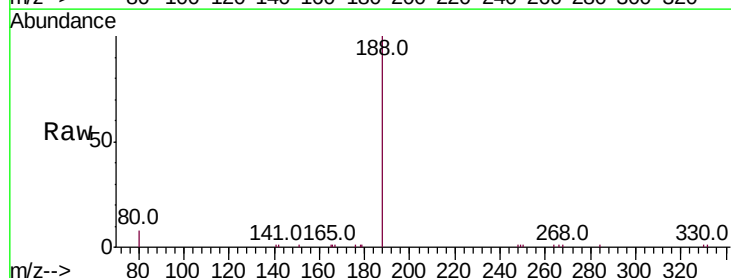
Delta R.T. -0.00 min

Lab File: BN010880.D

Acq: 15 Jun 2020 18:50

Tgt Ion:188 Resp: 11843

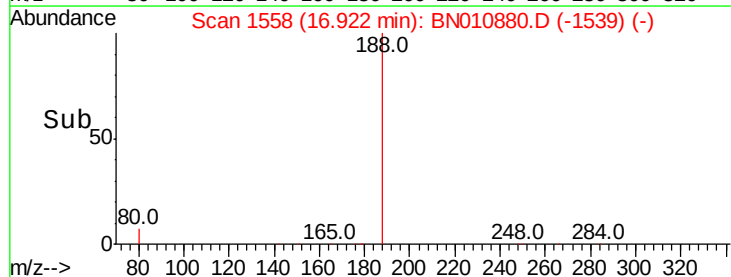
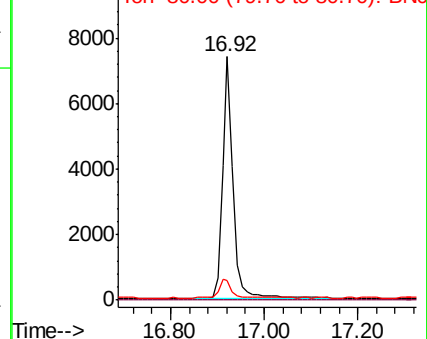
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	4.5	6.7

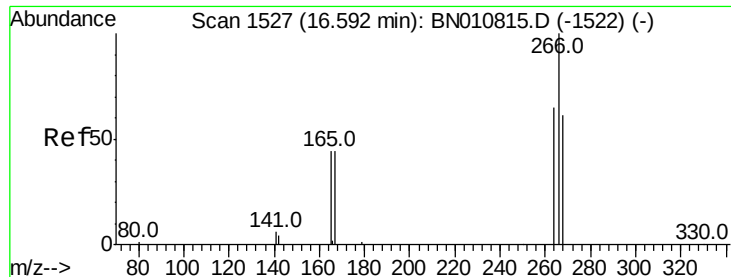


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

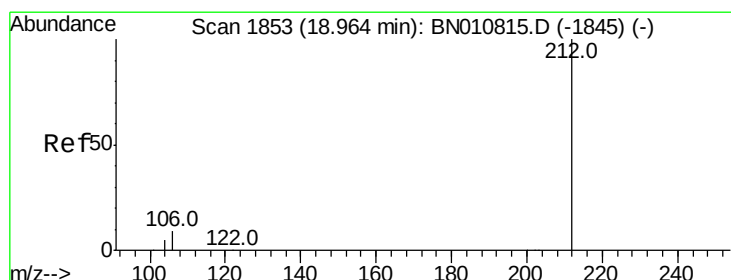
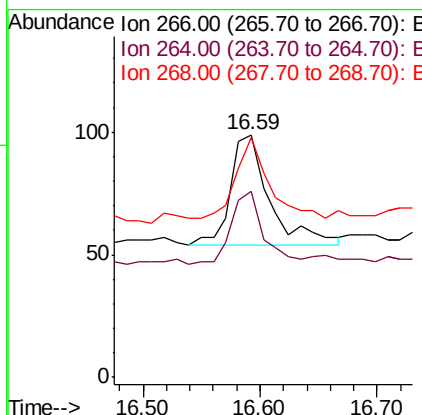
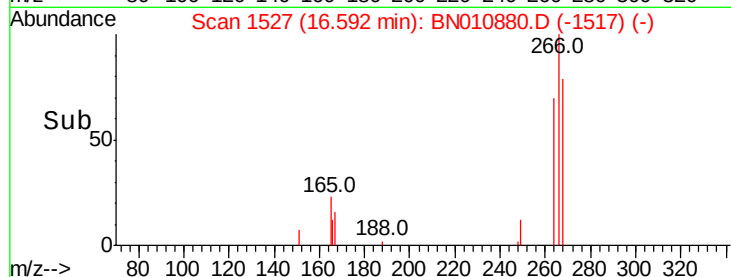
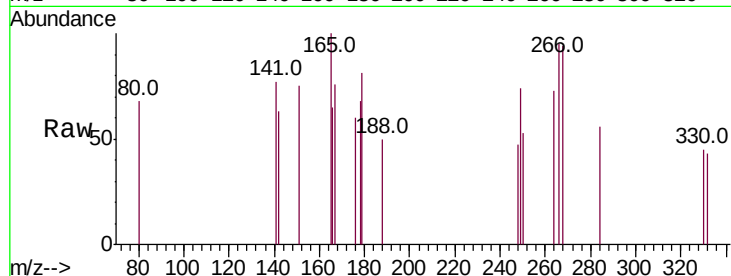




#22
 Pentachlorophenol
 Concen: 0.042 ng
 RT: 16.59 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BN010880.D
 Acq: 15 Jun 2020 18:50

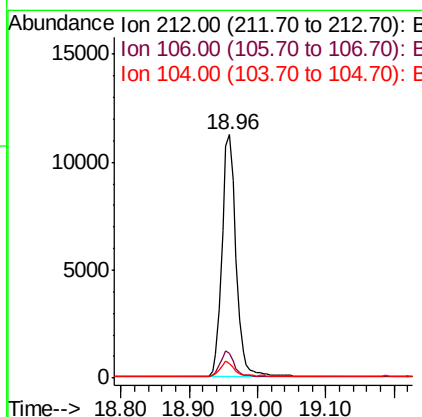
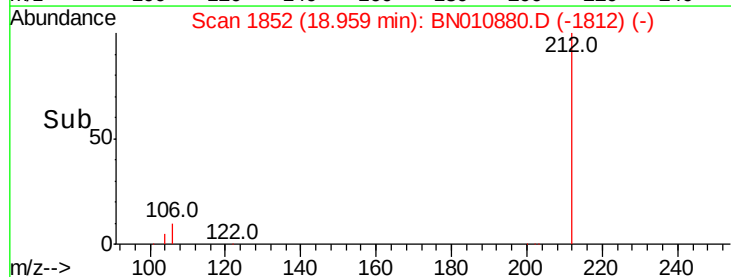
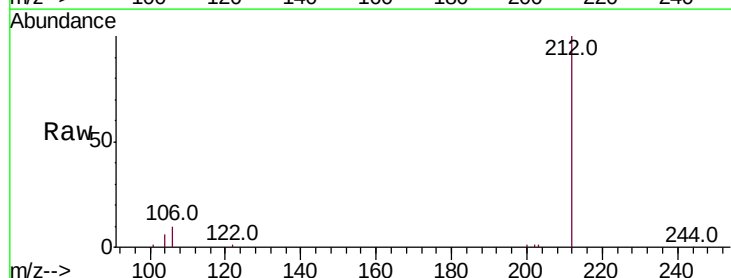
Instrument :
 BNA_N
 ClientSampleId :
 LF017MW004-200611

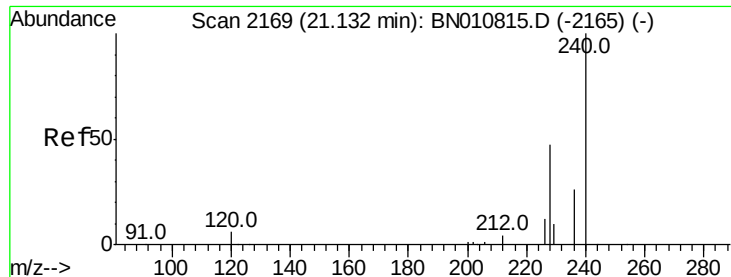
Tot Ion	Ratio	Lower	Upper
266	100		
264	76.8	54.8	82.2
268	99.0	55.9	83.9#



#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	Ratio	Lower	Upper
212	100		
106	10.1	6.6	10.0#
104	5.9	4.0	6.0





#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

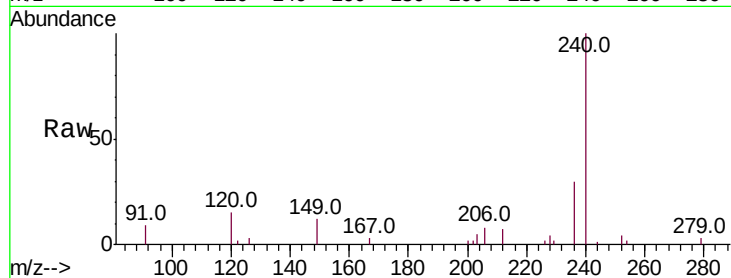
Tot Ion:240 Resp: 9726

Ion Ratio Lower Upper

240 100

120 15.1 7.5 11.3#

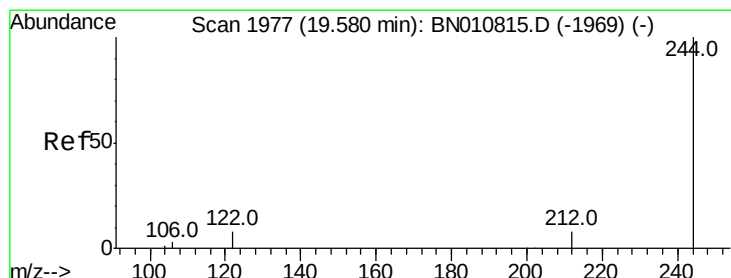
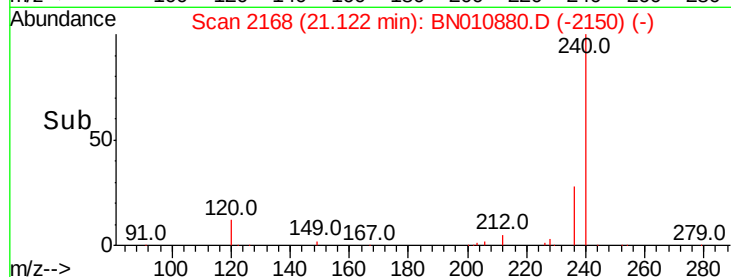
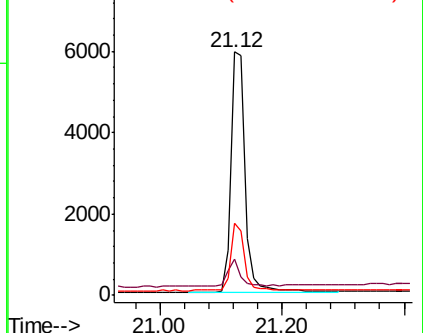
236 29.5 22.3 33.5



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

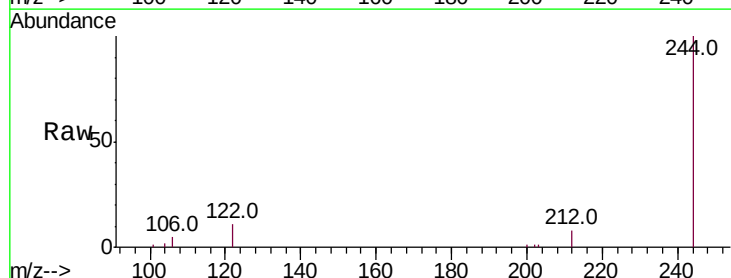
Tgt Ion:244 Resp: 12150

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

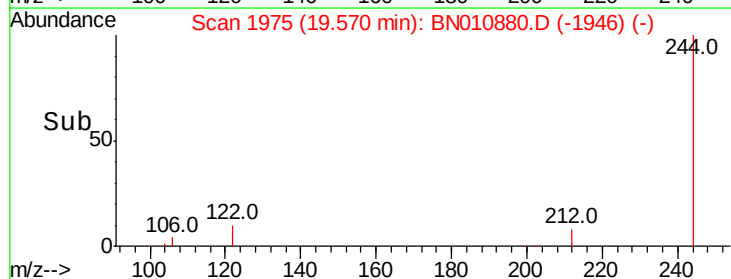
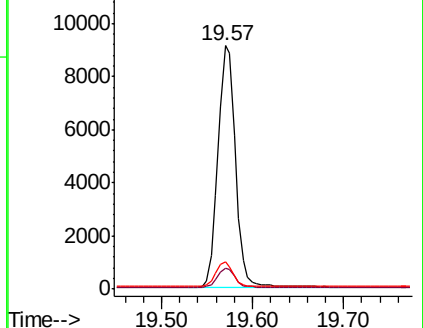
122 11.3 7.5 11.3#

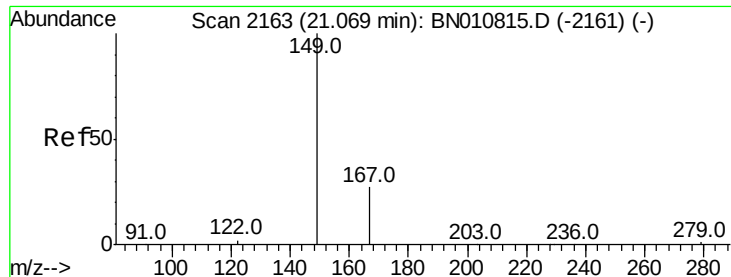


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_N

ClientSampleId :

LF017MW004-200611

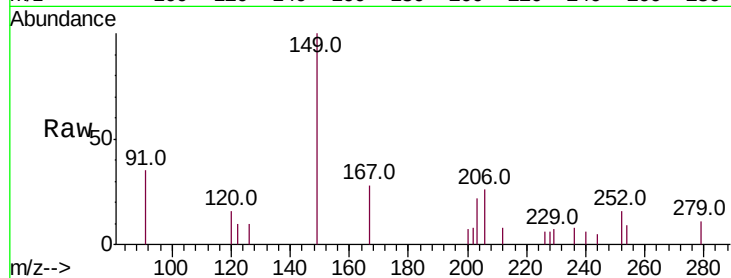
Tot Ion:149 Resp: 904

Ion Ratio Lower Upper

149 100

167 28.9 24.1 36.1

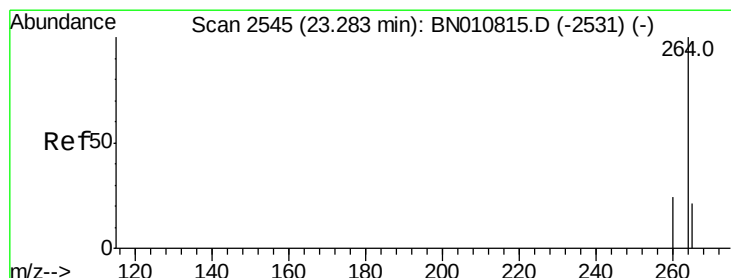
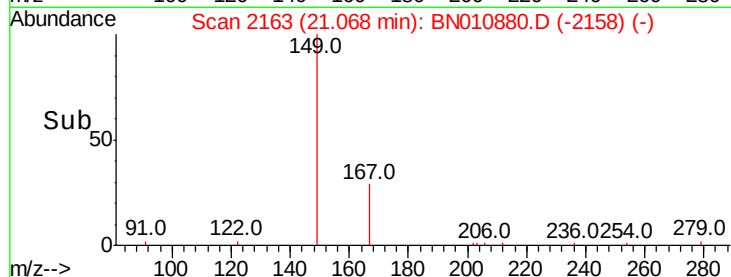
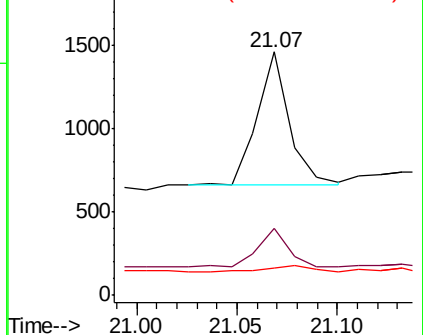
279 8.3 4.6 7.0#



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

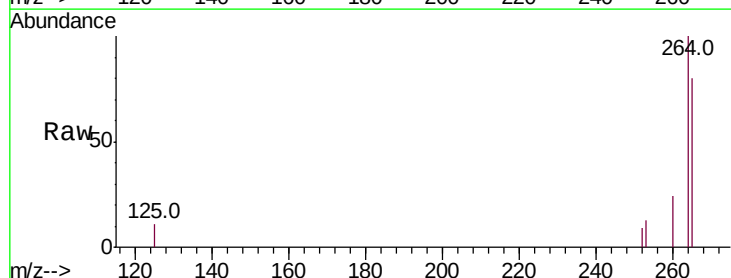
Tgt Ion:264 Resp: 10218

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

