

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010864.D
 Acq On : 13 Jun 2020 04:31
 Operator : CG/JU
 Sample : L2988-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20200608

Quant Time: Jun 13 05:38:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 11:11:17 2020
 Response via : Initial Calibration

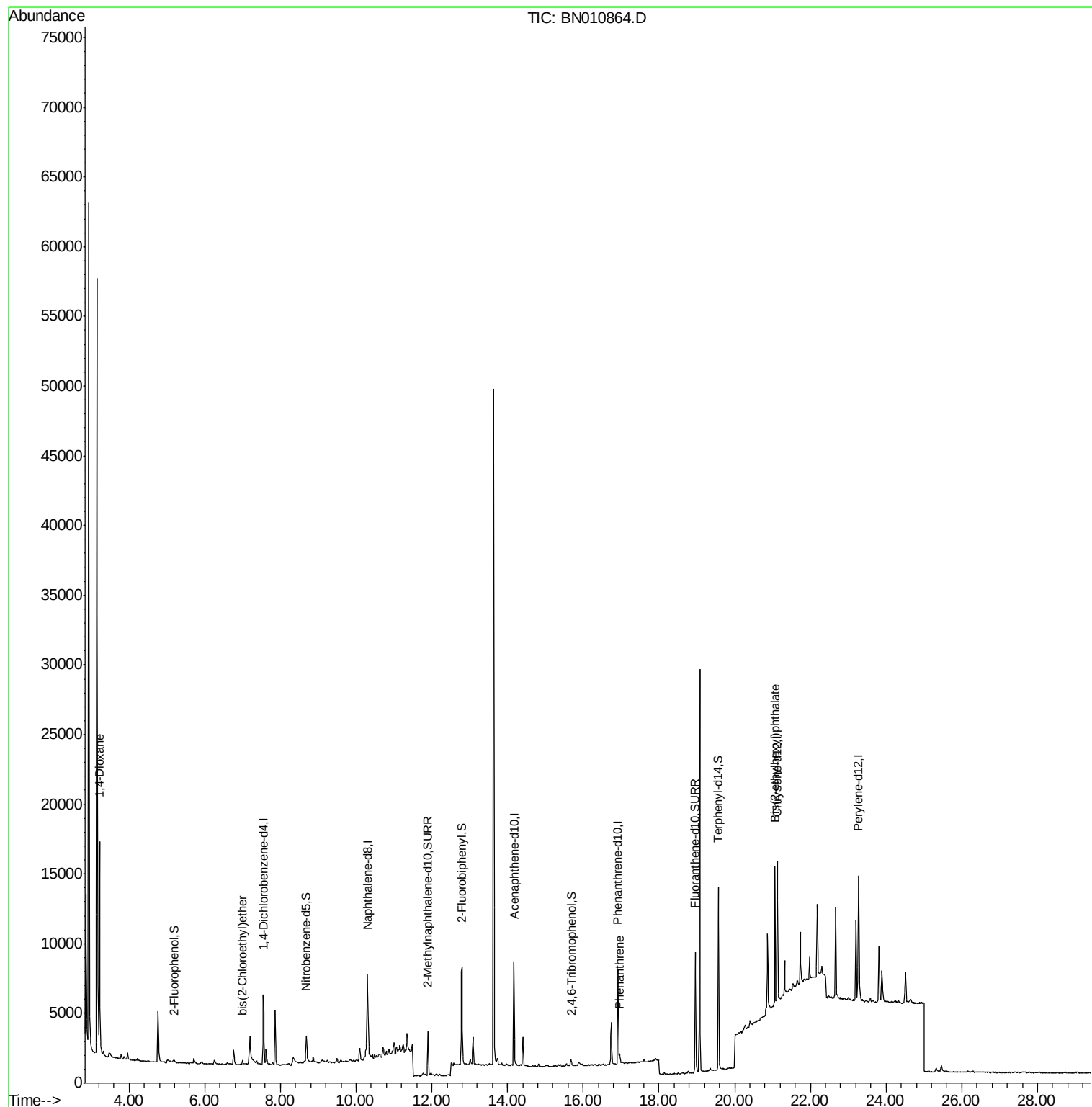
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2434	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8834	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4909	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10014	0.40	ng	0.00
27) Chrysene-d12	21.12	240	10823	0.40	ng	0.00
34) Perylene-d12	23.27	264	11888	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	124	0.03	ng	0.00
5) Phenol-d6	6.74	99	106	0.02	ng	0.00
8) Nitrobenzene-d5	8.68	82	2388	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.89	152	4365	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	420	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7068	0.36	ng	0.00
25) Fluoranthene-d10	18.96	212	10627	0.38	ng	0.00
29) Terphenyl-d14	19.57	244	13444	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	12483	5.236	ng	98
6) bis(2-Chloroethyl)ether	6.99	93	313	0.058	ng	92
23) Phenanthrene	16.96	178	630	0.023	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.07	149	8608	0.812	ng	97

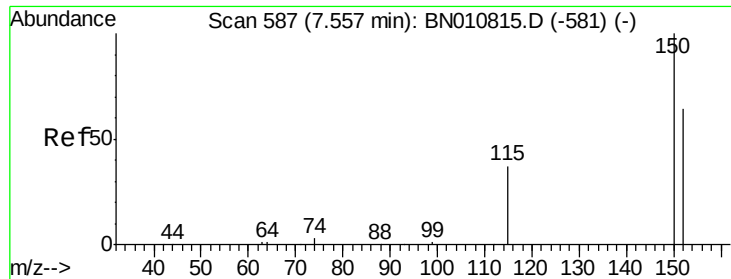
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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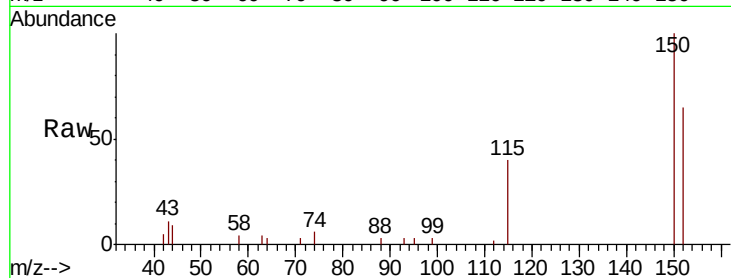


#1

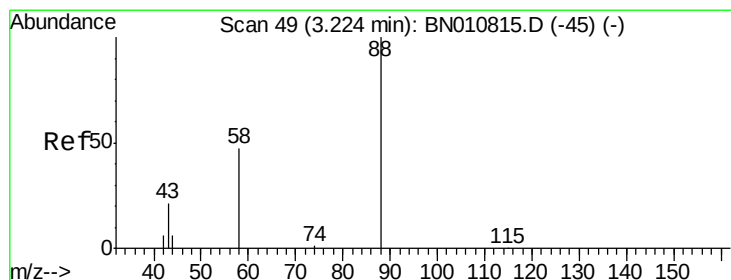
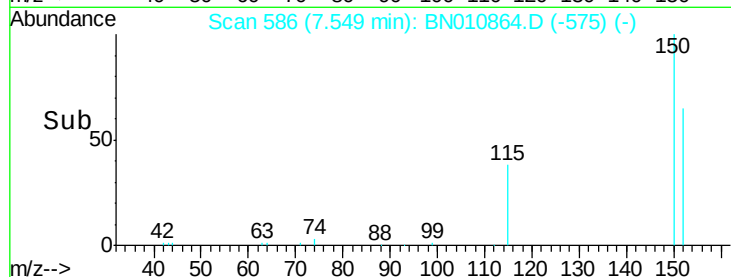
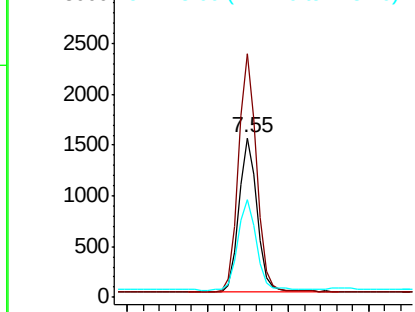
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tot Ion:152 Resp: 2434
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 61.4 49.2 73.8



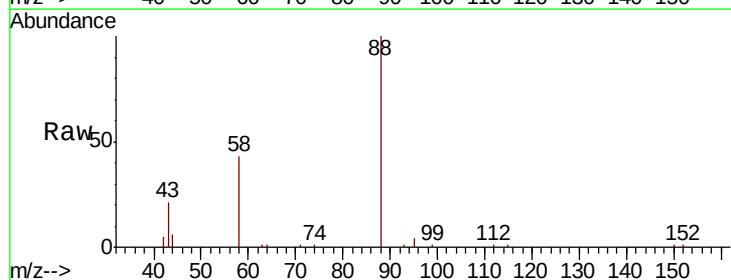
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



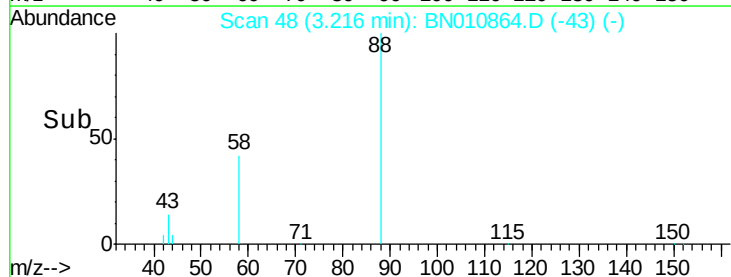
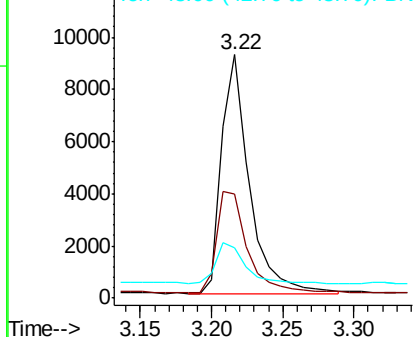
#2

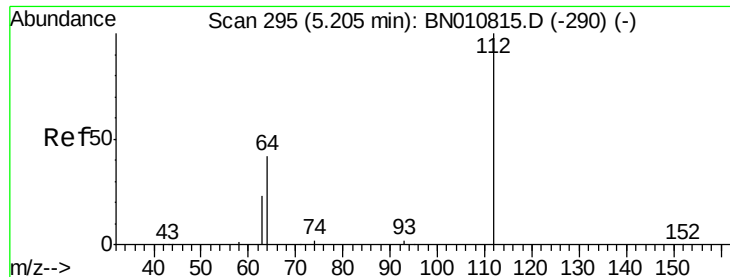
1,4-Dioxane
Concen: 5.236 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion: 88 Resp: 12483
Ion Ratio Lower Upper
88 100
58 46.1 38.2 57.4
43 18.0 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNO
Ion 58.00 (57.70 to 58.70): BNO
Ion 43.00 (42.70 to 43.70): BNO





#4

2-Fluorophenol

Concen: 0.026 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608

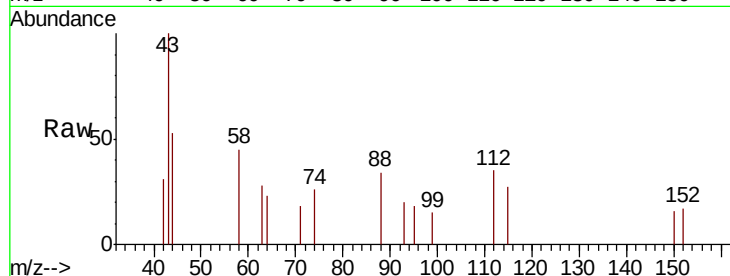
Tot Ion: 112 Resp: 124

Ion Ratio Lower Upper

112 100

64 49.2 37.4 56.0

63 34.7 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

5.21

150

100

50

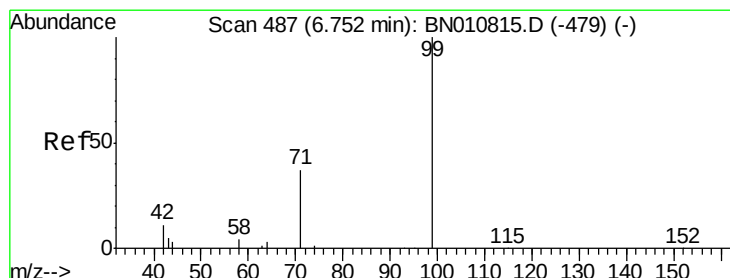
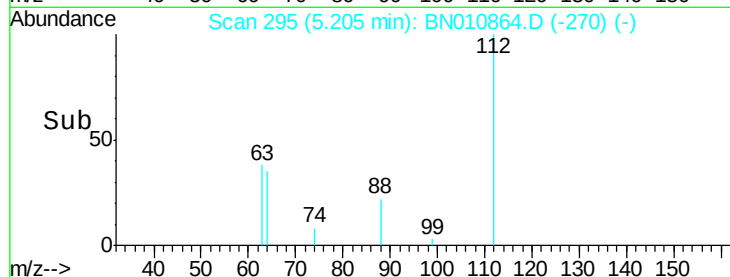
0

5.10

5.20

5.30

Time-->



#5

Phenol-d6

Concen: 0.019 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

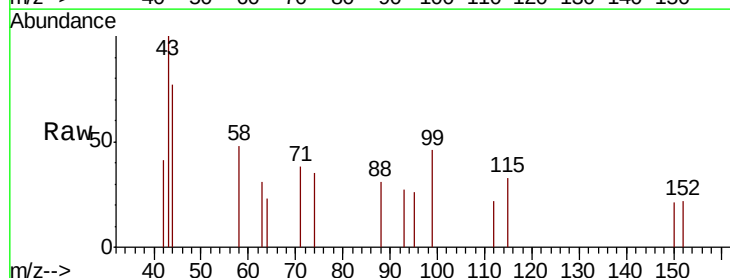
Tgt Ion: 99 Resp: 106

Ion Ratio Lower Upper

99 100

42 0.0 11.1 16.7#

71 73.6 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

6.74

150

100

50

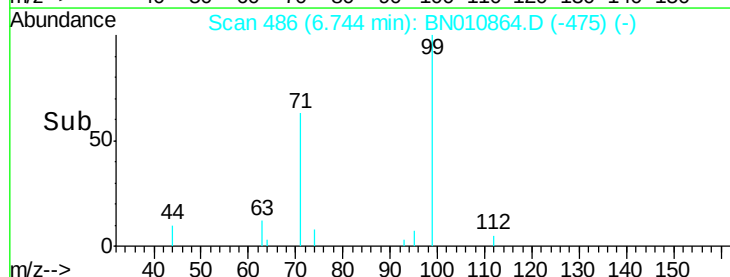
0

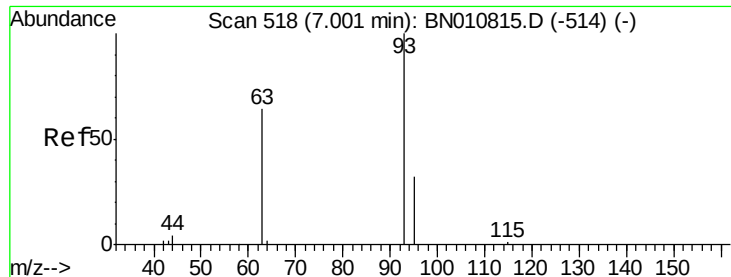
6.70

6.75

6.80

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.058 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.01 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608

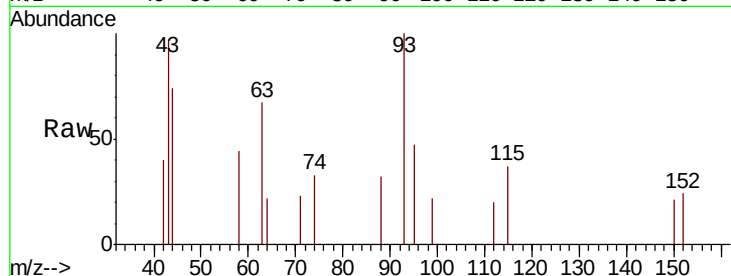
Tot Ion: 93 Resp: 313

Ion Ratio Lower Upper

93 100

63 55.0 49.4 74.2

95 29.7 26.7 40.1

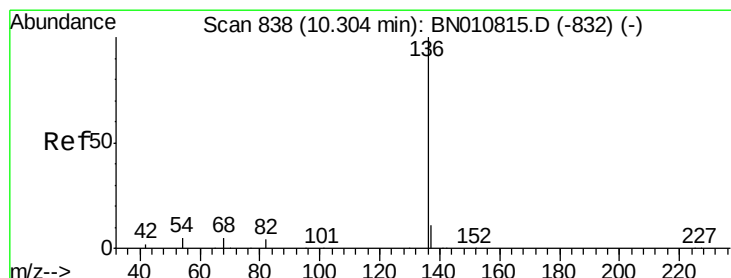
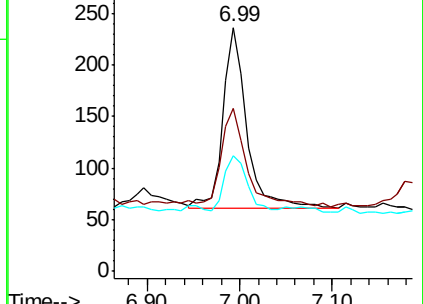
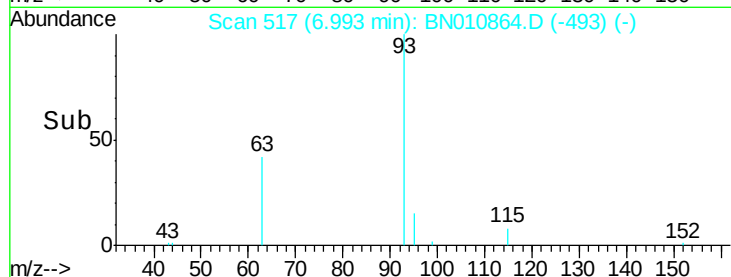


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

Tgt Ion: 136 Resp: 8834

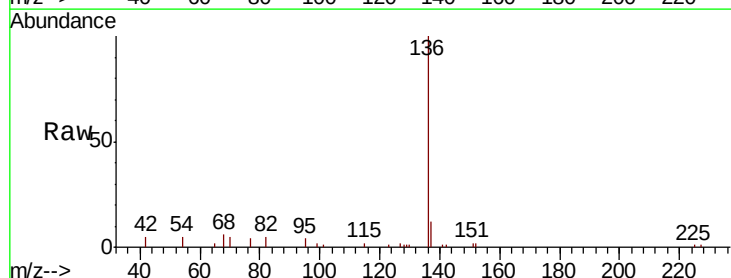
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 4.8 4.9 7.3#

68 5.6 4.7 7.1



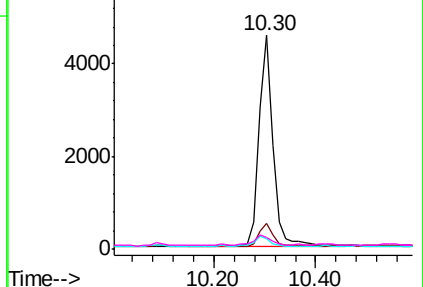
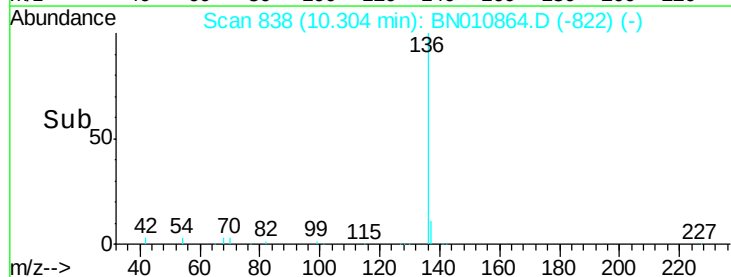
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

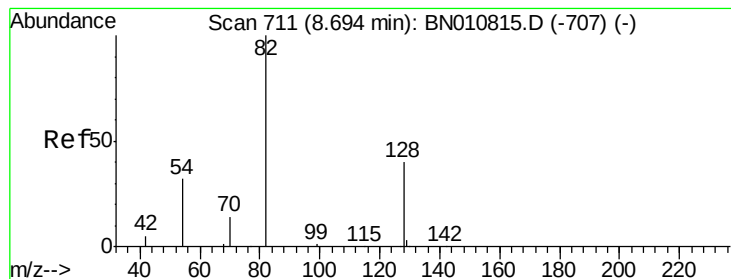
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

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

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

Time-->





#8

Nitrobenzene-d5

Concen: 0.365 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608

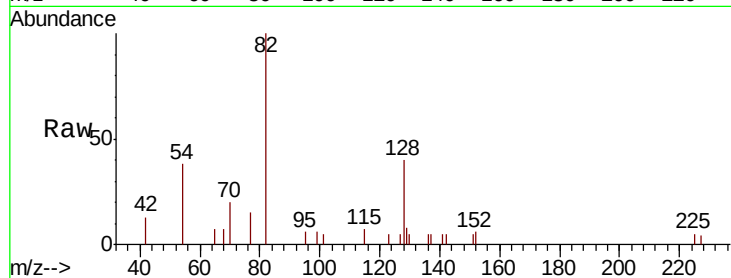
Tot Ion: 82 Resp: 2388

Ion Ratio Lower Upper

82 100

128 39.7 35.4 53.0

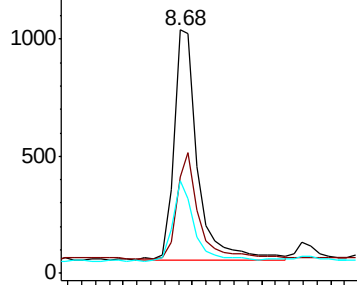
54 37.9 28.2 42.4



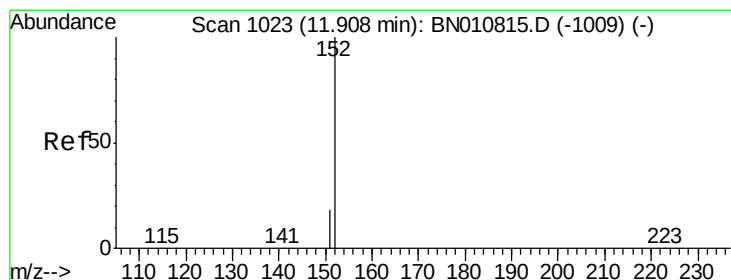
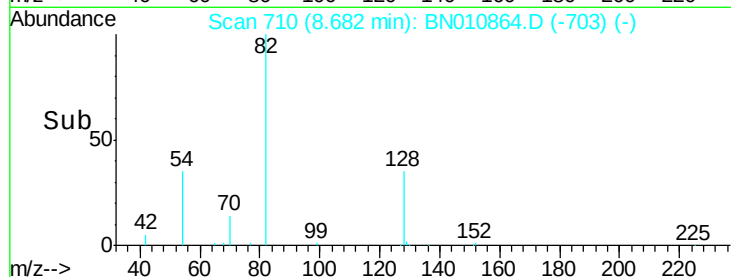
Abundance Ion 82.00 (81.70 to 82.70): BN010864.D (-703) (-)

Ion 128.00 (127.70 to 128.70): BN010864.D (-703) (-)

Ion 54.00 (53.70 to 54.70): BN010864.D (-703) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 11.89 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BN010864.D

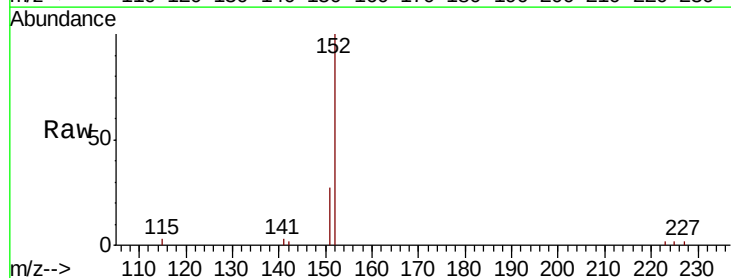
Acq: 13 Jun 2020 04:31

Tgt Ion: 152 Resp: 4365

Ion Ratio Lower Upper

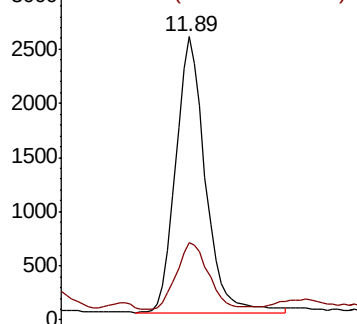
152 100

151 26.3 15.3 22.9#

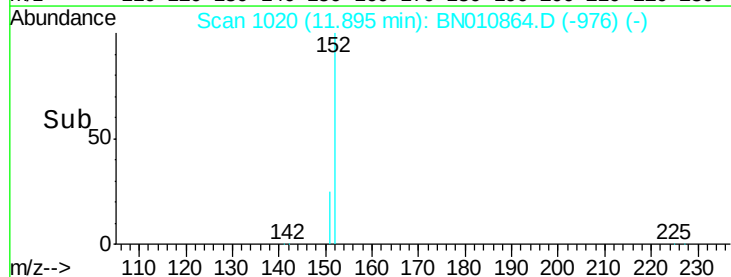


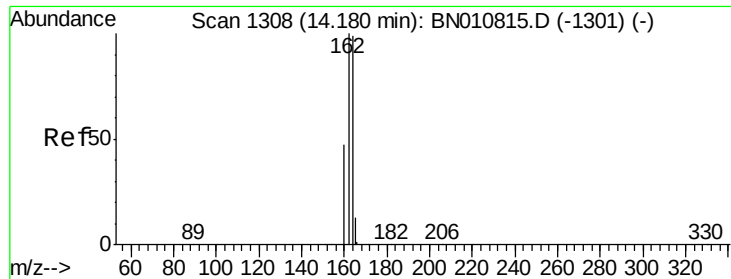
Abundance Ion 152.00 (151.70 to 152.70): BN010864.D (-976) (-)

Ion 151.00 (150.70 to 151.70): BN010864.D (-976) (-)



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

Instrument :

BNA_N

ClientSampleId :

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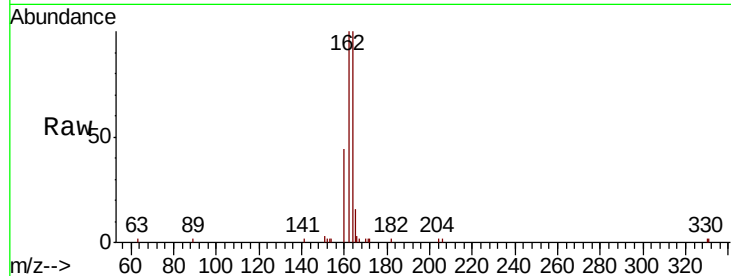
Tot Ion:164 Resp: 4909

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.6

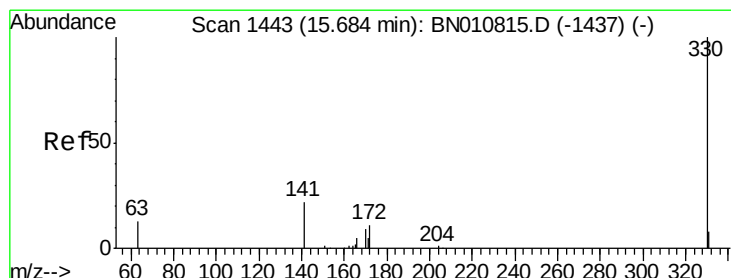
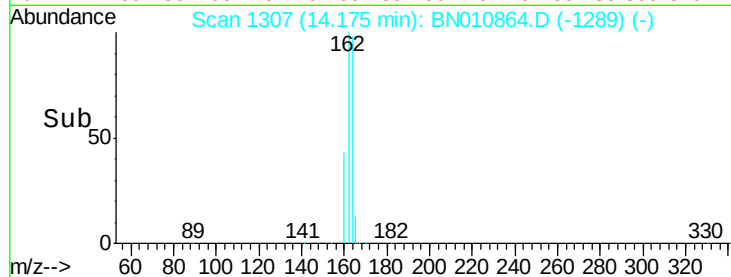
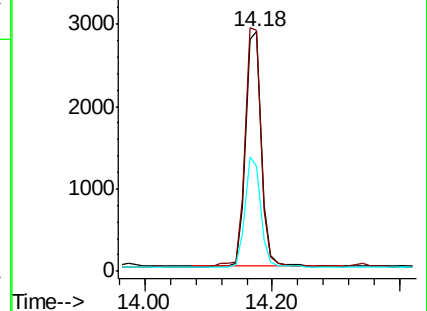
160 44.0 38.9 58.3



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: 0.239 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

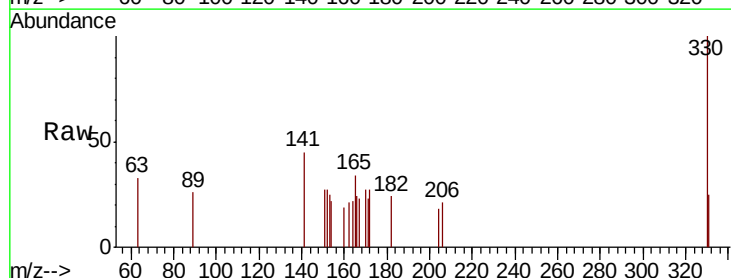
Tgt Ion:330 Resp: 420

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

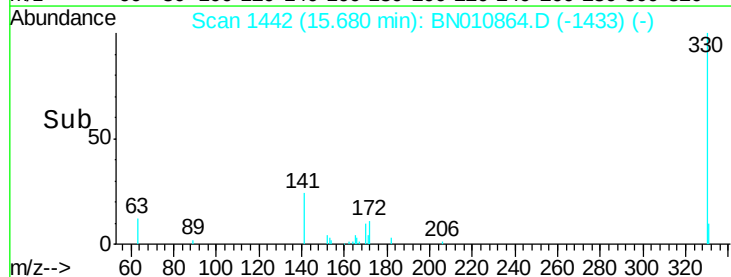
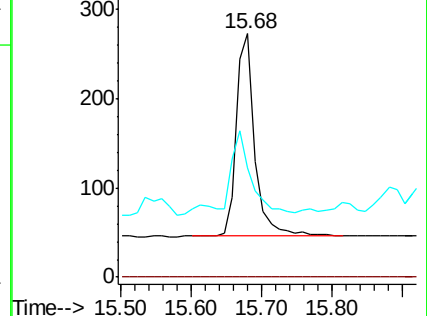
141 41.0 33.2 49.8

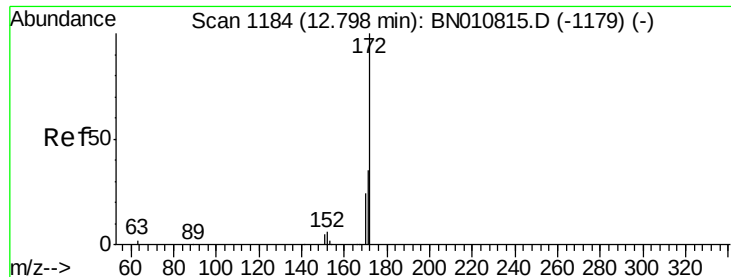


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

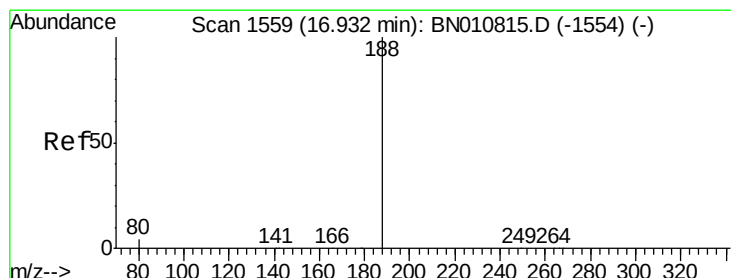
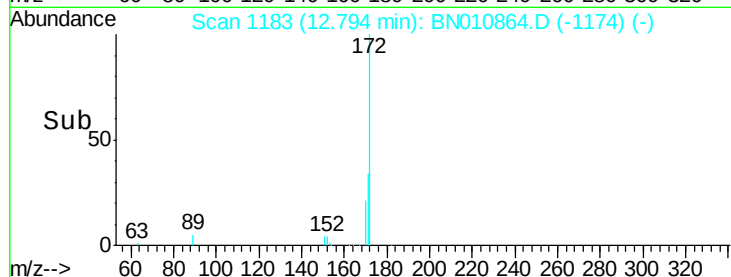
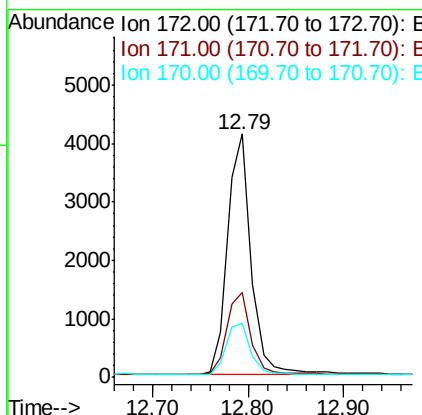
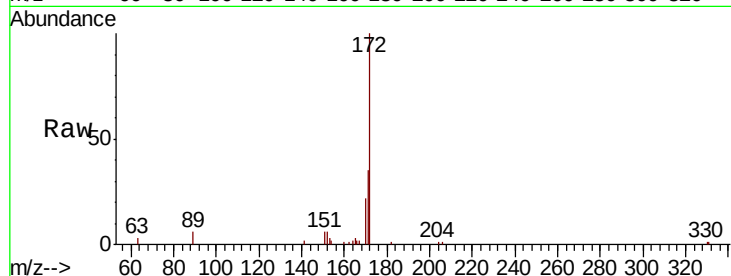




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

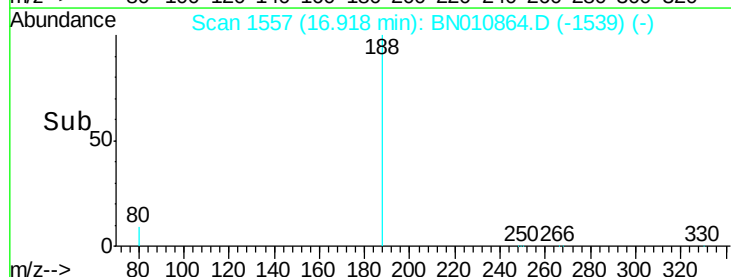
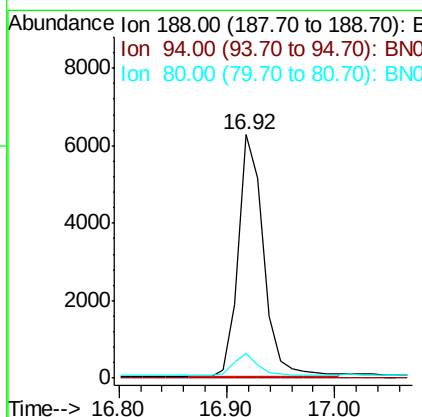
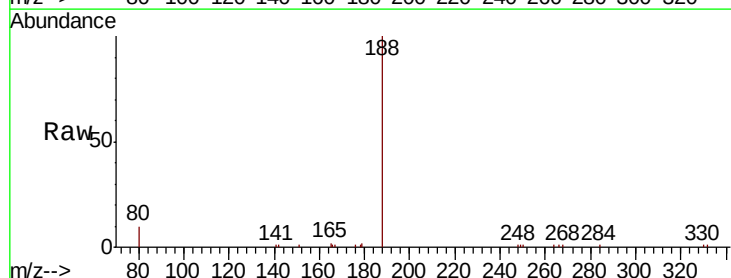
Instrument :
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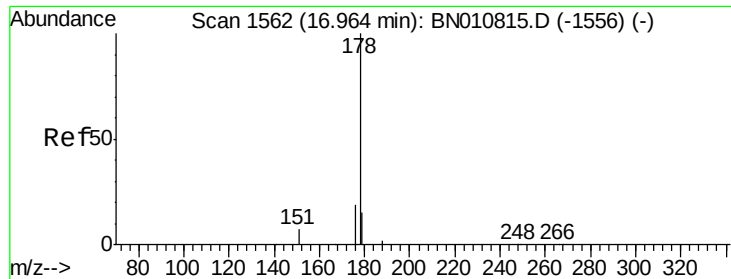
Tot Ion:172 Resp: 7068
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.3 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion:188 Resp: 10014
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 4.5 6.7#





#23

Phenanthrene

Concen: 0.023 ng

RT: 16.96 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608

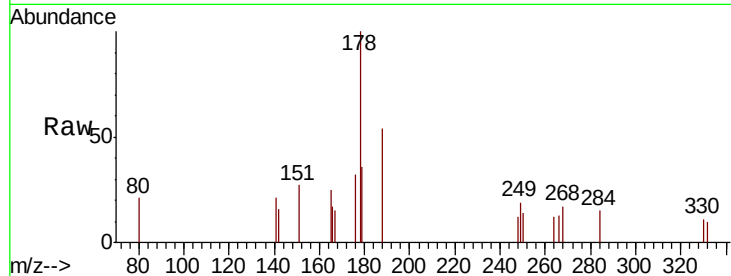
Tot Ion:178 Resp: 630

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

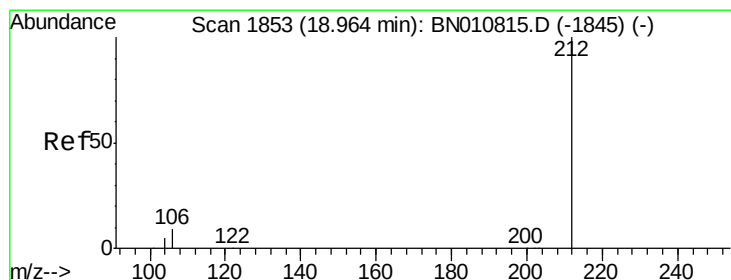
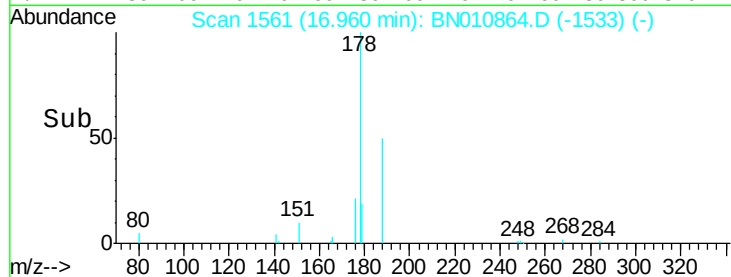
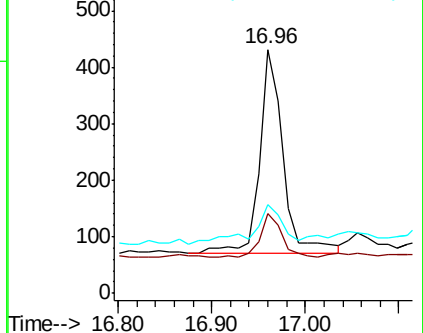
179 24.4 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 18.96 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

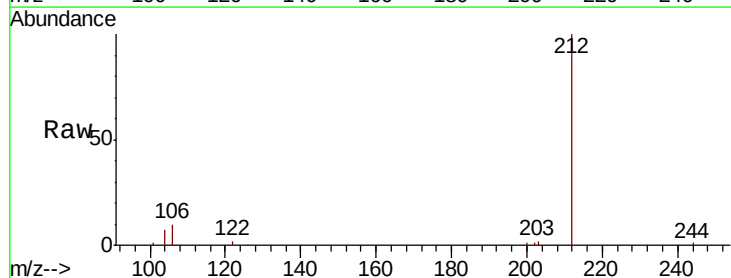
Tgt Ion:212 Resp: 10627

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

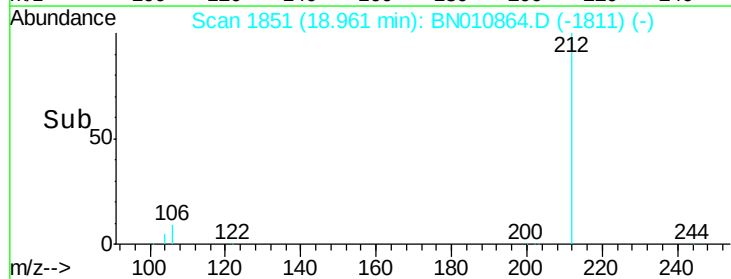
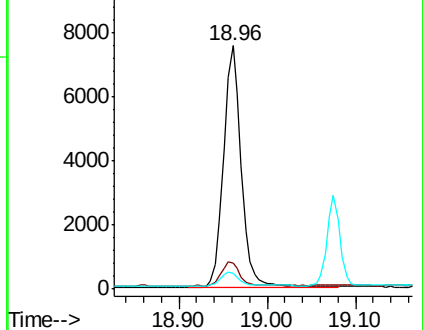
104 5.9 4.0 6.0

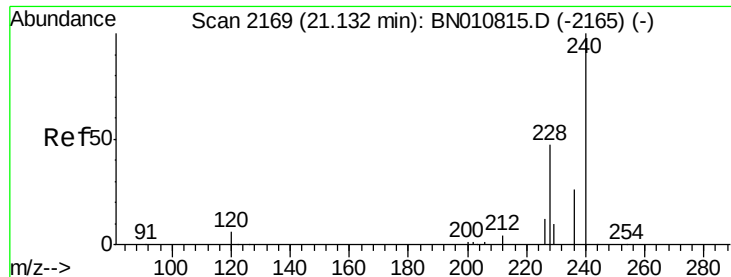


Abundance Ion 212.00 (211.70 to 212.70): E

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# 2167

Delta R.T. -0.01 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608

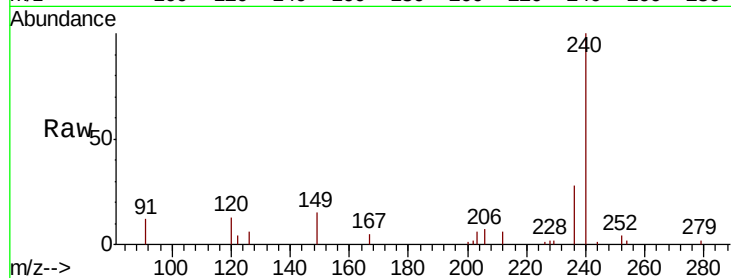
Tot Ion:240 Resp: 10823

Ion Ratio Lower Upper

240 100

120 13.4 7.5 11.3#

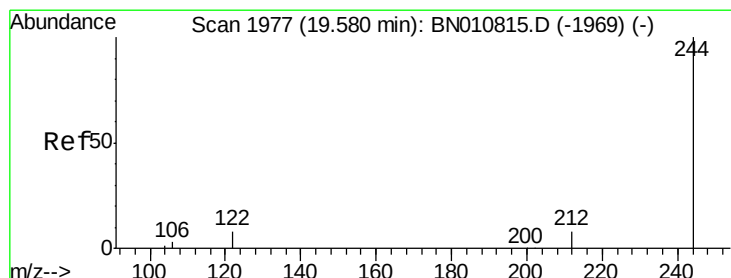
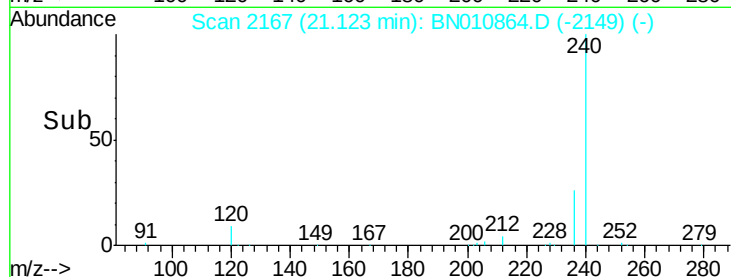
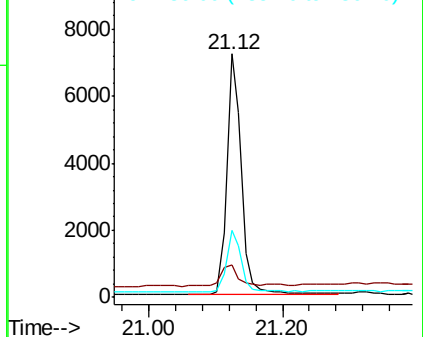
236 27.7 22.3 33.5



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: 0.531 ng

RT: 19.57 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

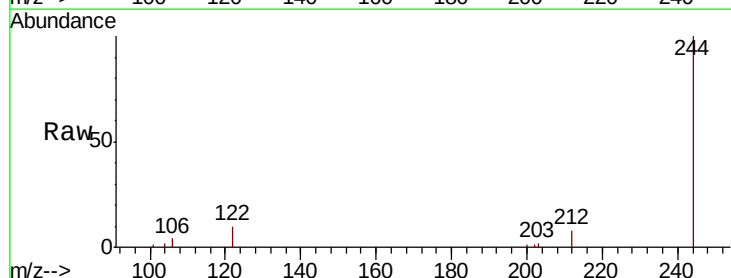
Tgt Ion:244 Resp: 13444

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

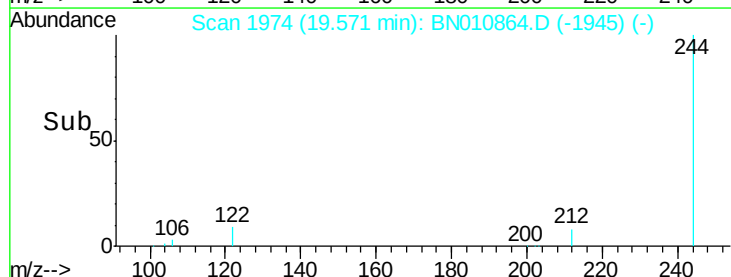
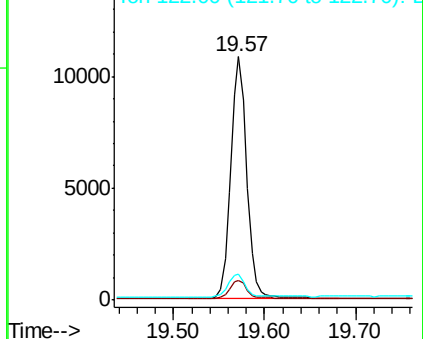
122 10.5 7.5 11.3

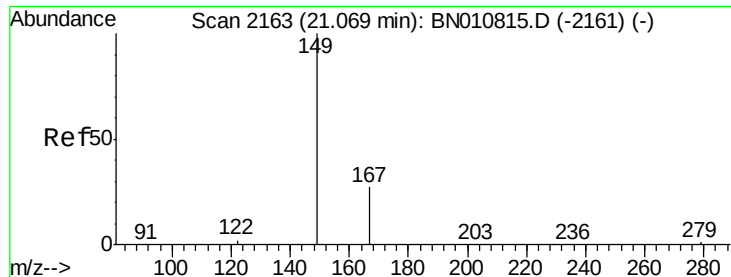


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.812 ng

RT: 21.07 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

Instrument :

BNA_N

ClientSampleId :

RE132D5-20200608

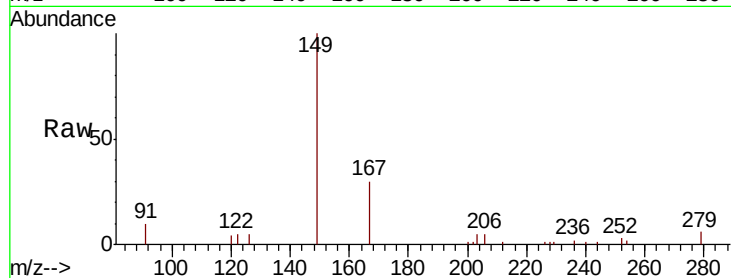
Tot Ion:149 Resp: 8608

Ion Ratio Lower Upper

149 100

167 28.5 24.1 36.1

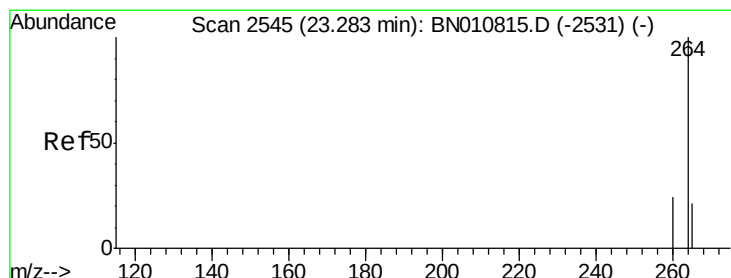
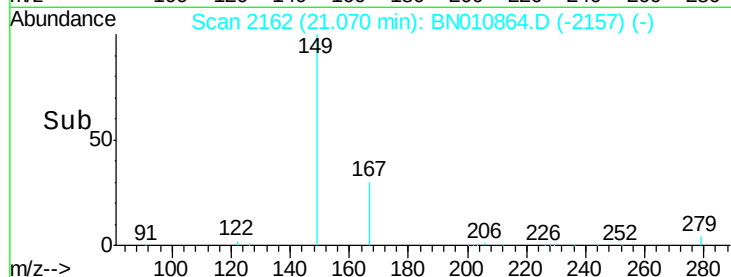
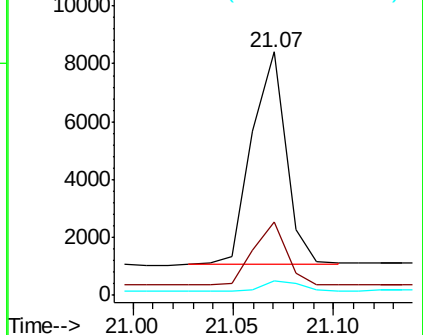
279 4.9 4.6 7.0



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# 2541

Delta R.T. -0.01 min

Lab File: BN010864.D

Acq: 13 Jun 2020 04:31

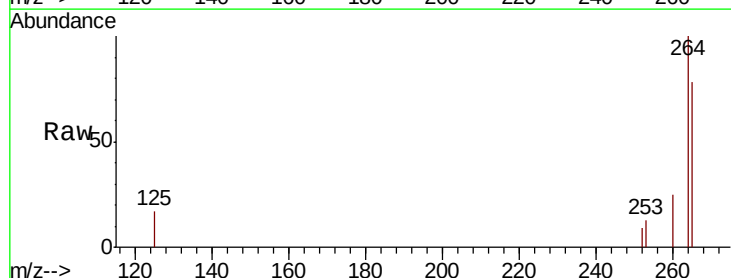
Tgt Ion:264 Resp: 11888

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 78.4 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

