

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010845.D
 Acq On : 12 Jun 2020 14:45
 Operator : CG/JU
 Sample : L2988-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20200608

Quant Time: Jun 12 15:34:11 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

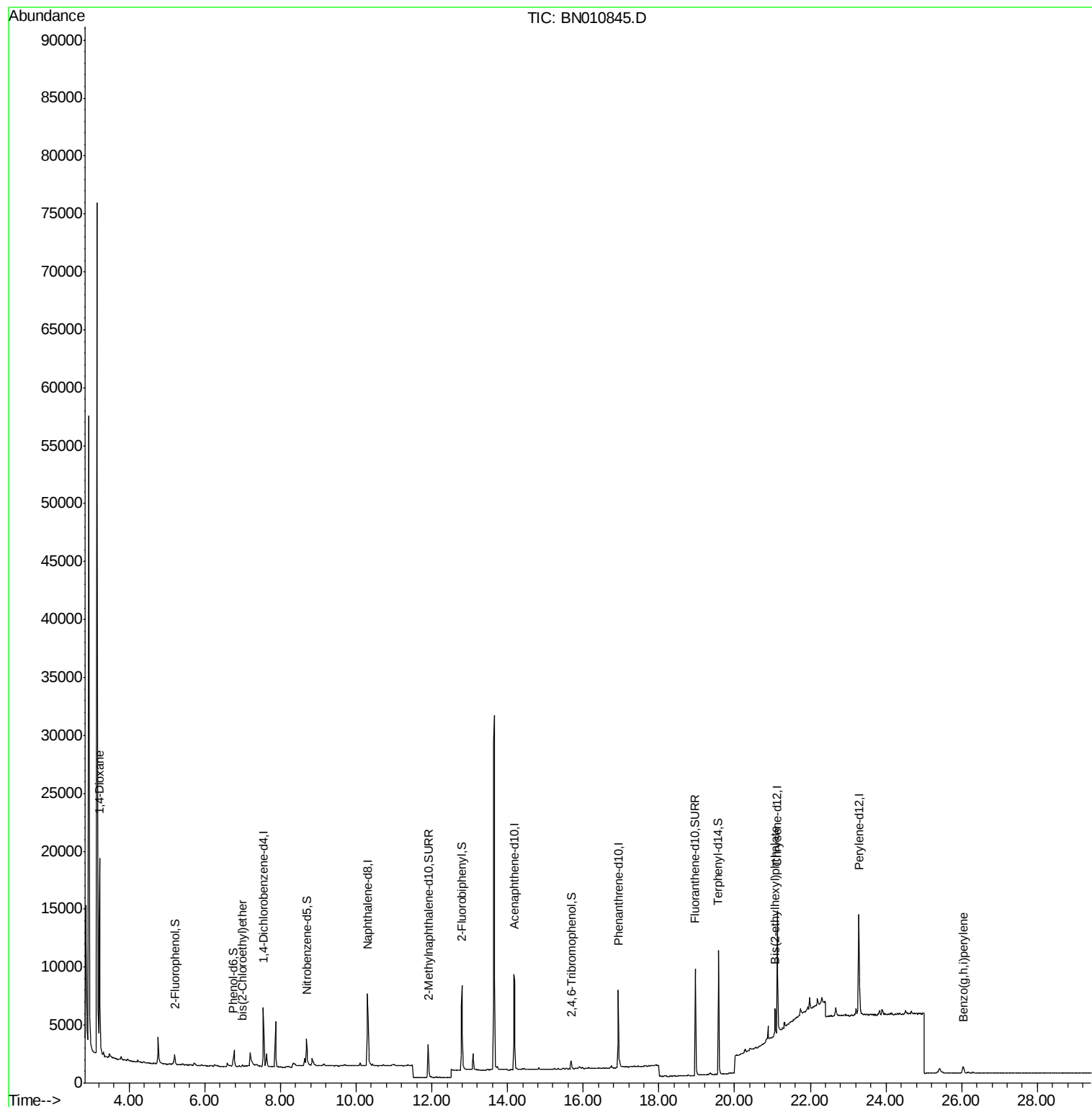
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2638	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	9598	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5332	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	11163	0.40	ng	0.00
27) Chrysene-d12	21.13	240	10762	0.40	ng	0.00
34) Perylene-d12	23.28	264	11640	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	838	0.16	ng	0.00
5) Phenol-d6	6.75	99	566	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	2461	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	4610	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	645	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	7360	0.35	ng	0.00
25) Fluoranthene-d10	18.96	212	11518	0.37	ng	0.00
29) Terphenyl-d14	19.57	244	11372	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	12591	4.873	ng	98
6) bis(2-Chloroethyl)ether	7.00	93	122	0.021	ng	89
32) Bis(2-ethylhexyl)phthalate	21.07	149	2350	0.223	ng	98
39) Benzo(g,h,i)perylene	26.03	276	1220	0.030	ng	# 56

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

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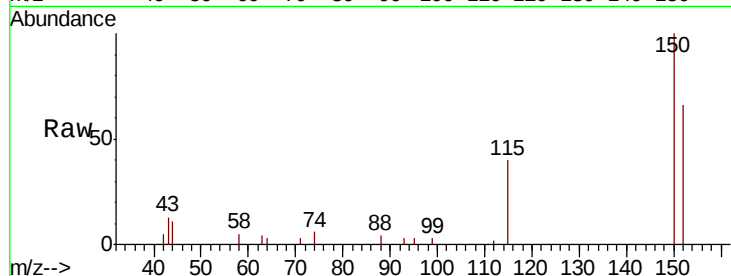


#1

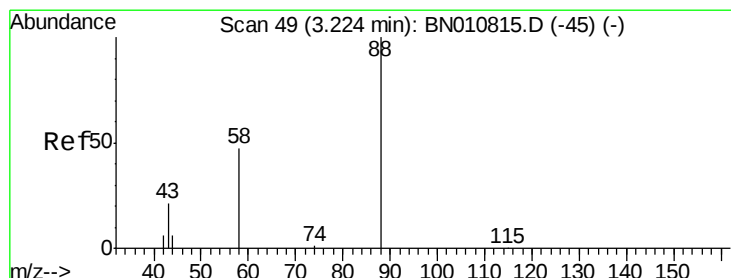
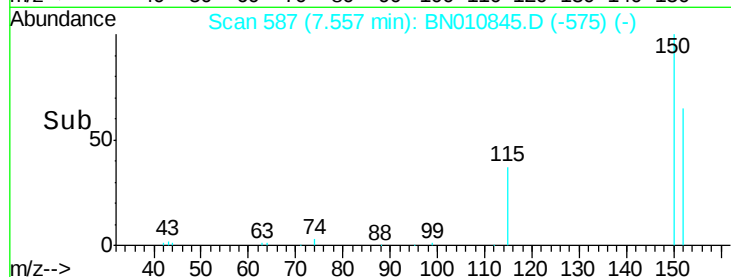
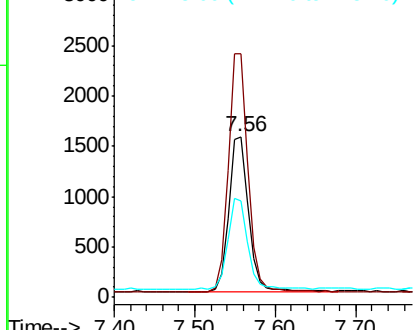
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200608

Tot Ion:152 Resp: 2638
Ion Ratio Lower Upper
152 100
150 151.7 123.8 185.6
115 60.2 49.2 73.8



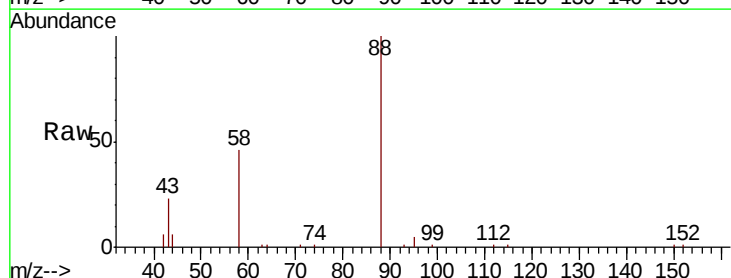
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



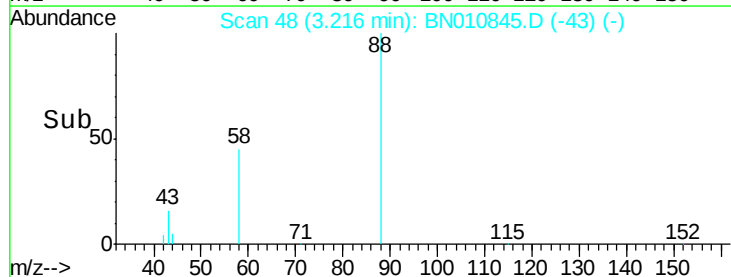
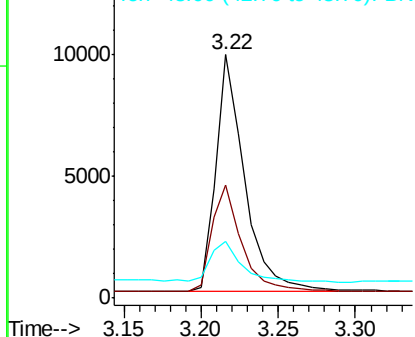
#2

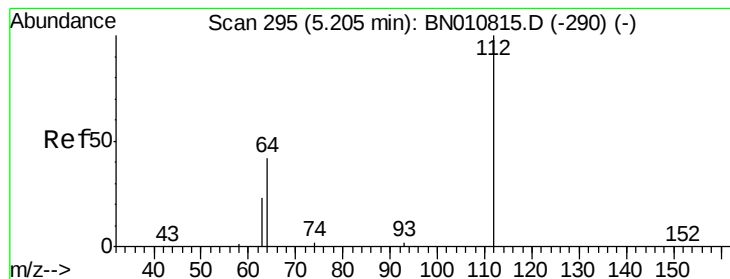
1,4-Dioxane
Concen: 4.873 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion: 88 Resp: 12591
Ion Ratio Lower Upper
88 100
58 46.5 38.2 57.4
43 18.2 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: 0.165 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200608

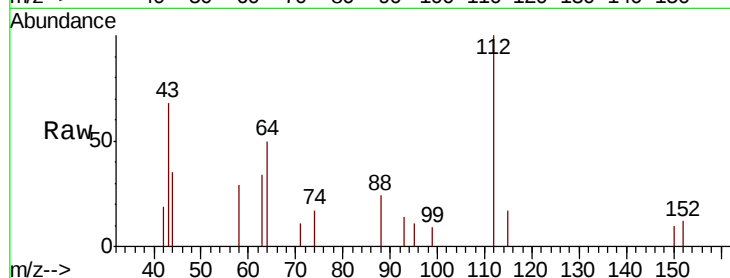
Tot Ion: 112 Resp: 838

Ion Ratio Lower Upper

112 100

64 46.3 37.4 56.0

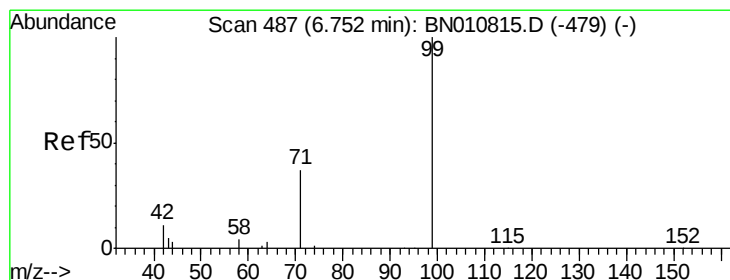
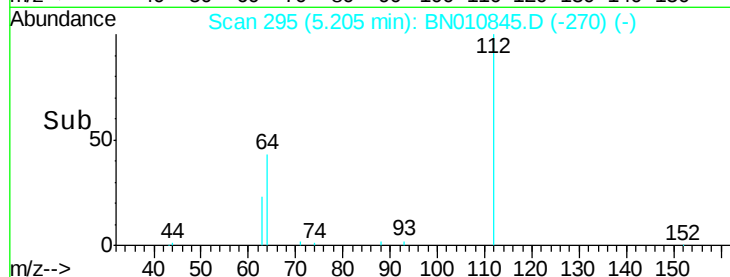
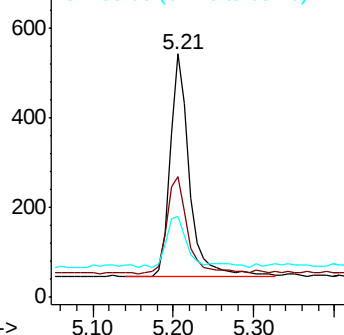
63 24.1 22.2 33.4



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: 0.094 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

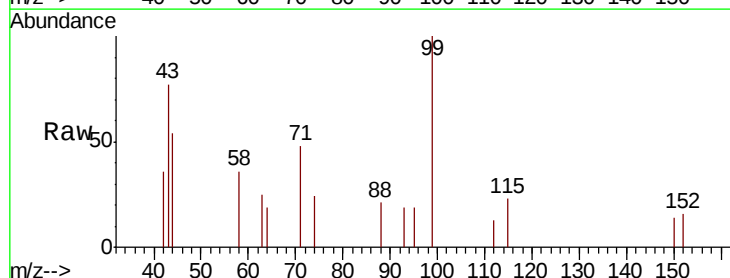
Tgt Ion: 99 Resp: 566

Ion Ratio Lower Upper

99 100

42 10.6 11.1 16.7#

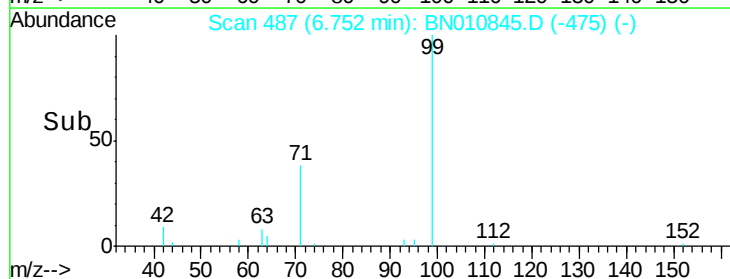
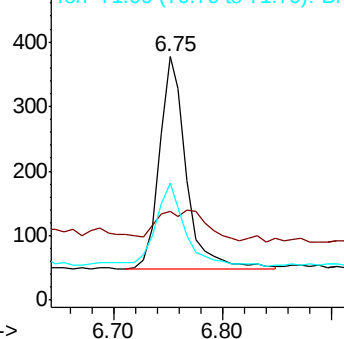
71 45.1 31.4 47.2

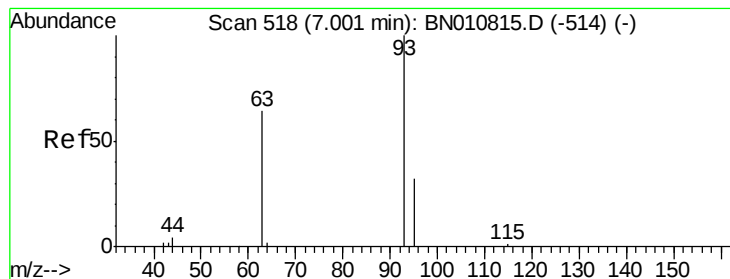


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200608

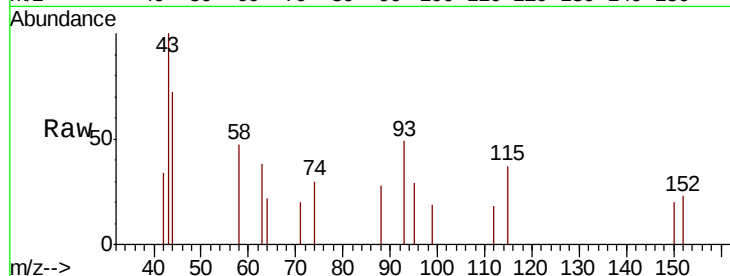
Tot Ion: 93 Resp: 122

Ion Ratio Lower Upper

93 100

63 72.1 49.4 74.2

95 36.9 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) (-)

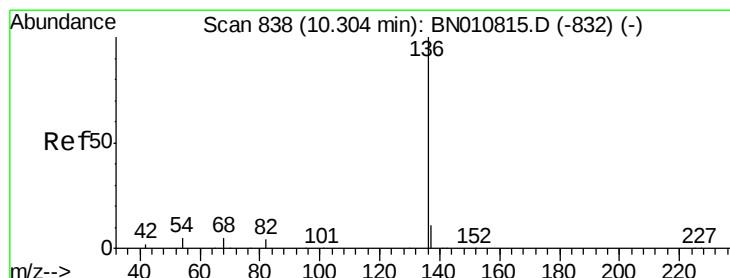
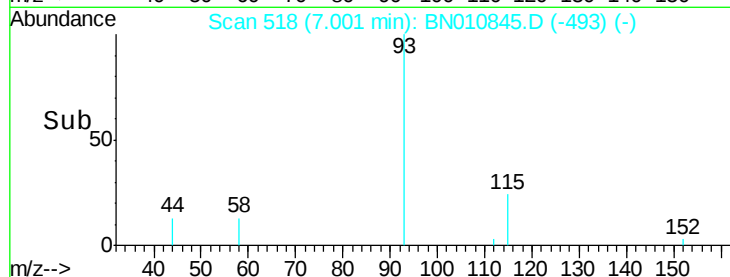
7.00

100

50

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

Tgt Ion: 136 Resp: 9598

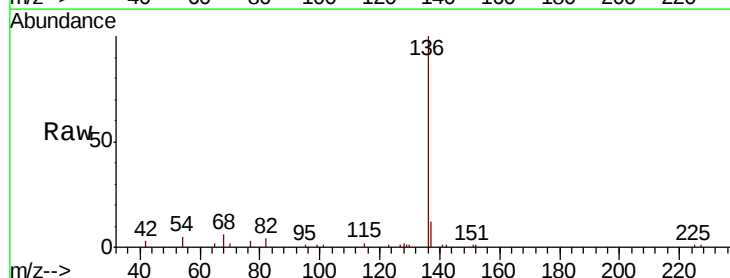
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.7 4.9 7.3#

68 5.8 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) (-)

10.30

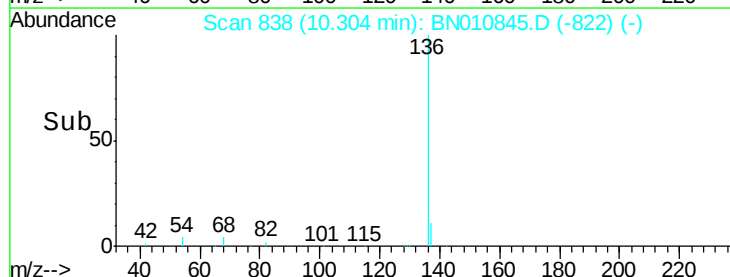
6000

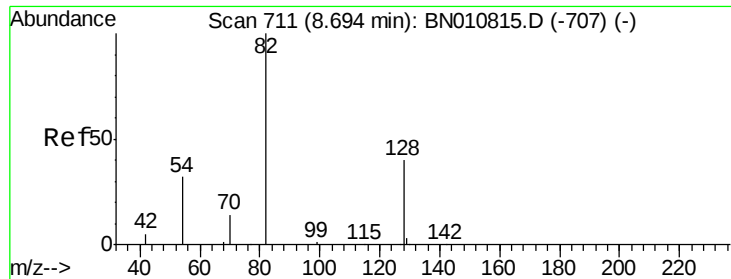
4000

2000

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200608

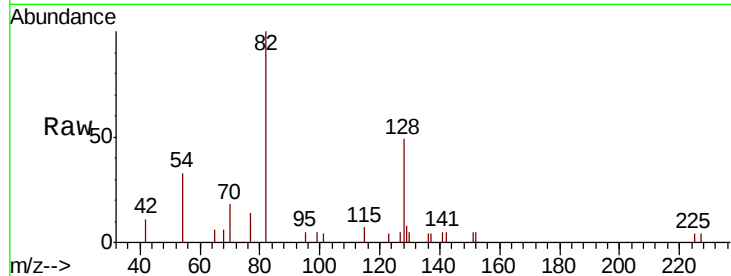
Tot Ion: 82 Resp: 2461

Ion Ratio Lower Upper

82 100

128 48.9 35.4 53.0

54 32.6 28.2 42.4

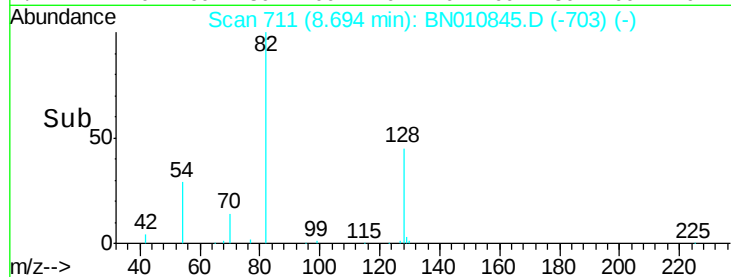


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

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

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

Time-->

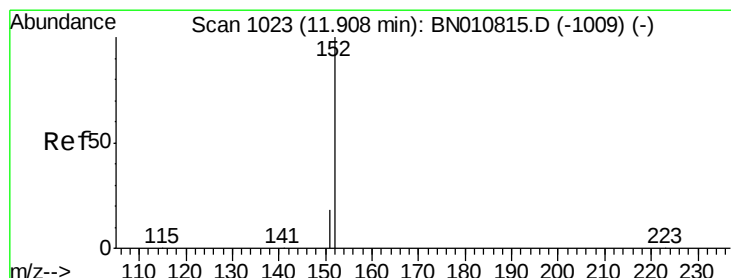


Abundance Ion 82.00 (81.70 to 82.70): BN010845.D (-703) (-)

Ion 128.00 (127.70 to 128.70): BN010845.D (-703) (-)

Ion 54.00 (53.70 to 54.70): BN010845.D (-703) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 11.90 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BN010845.D

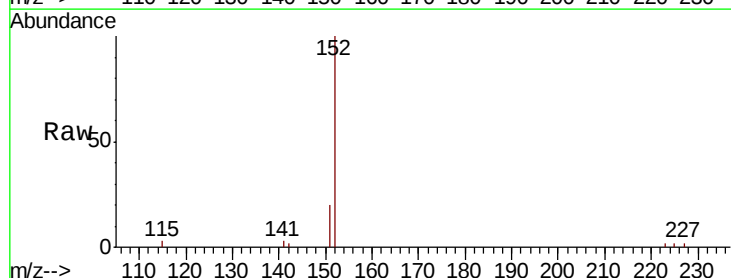
Acq: 12 Jun 2020 14:45

Tgt Ion: 152 Resp: 4610

Ion Ratio Lower Upper

152 100

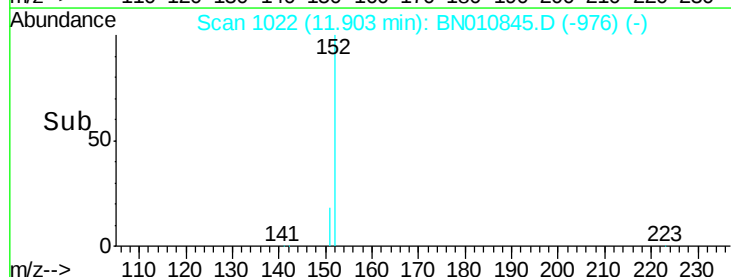
151 19.7 15.3 22.9



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

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

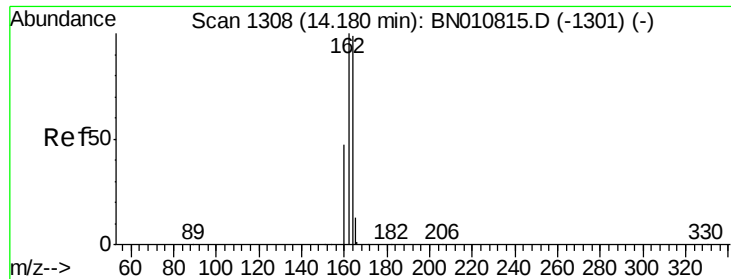
Time-->



Abundance Ion 152.00 (151.70 to 152.70): BN010845.D (-976) (-)

Ion 151.00 (150.70 to 151.70): BN010845.D (-976) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200608

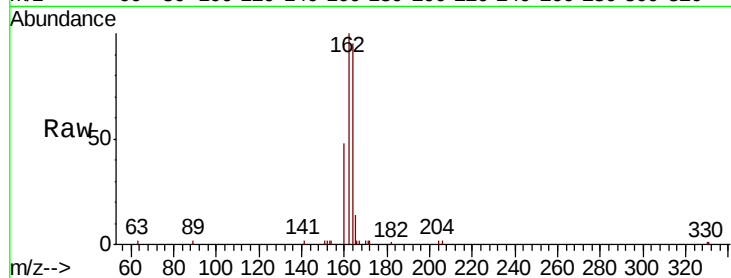
Tot Ion:164 Resp: 5332

Ion Ratio Lower Upper

164 100

162 104.8 81.0 121.6

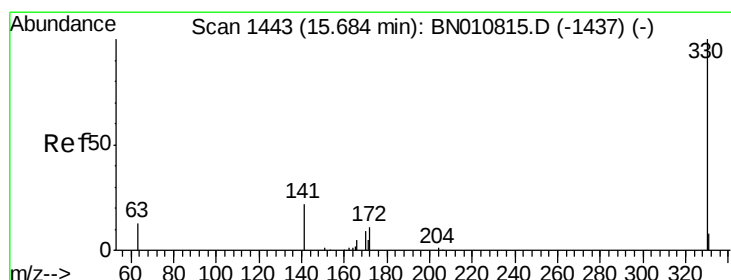
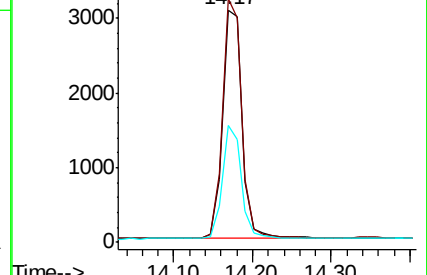
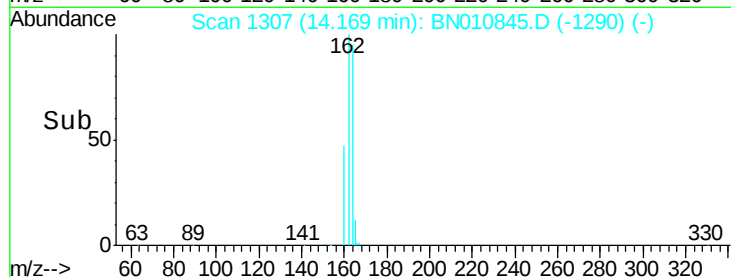
160 50.1 38.9 58.3



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: 0.338 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

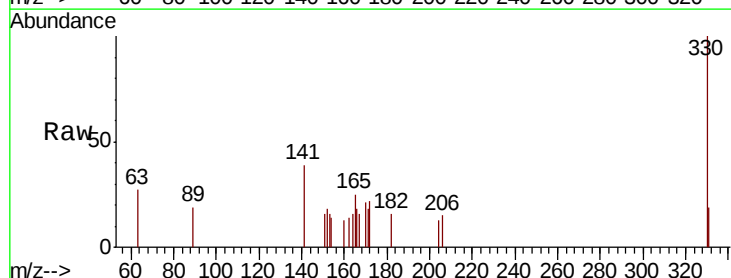
Tgt Ion:330 Resp: 645

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

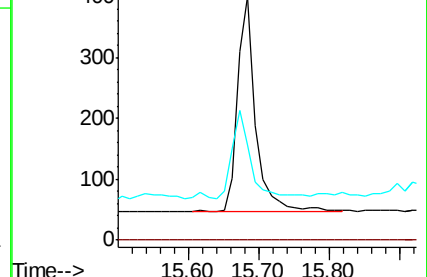
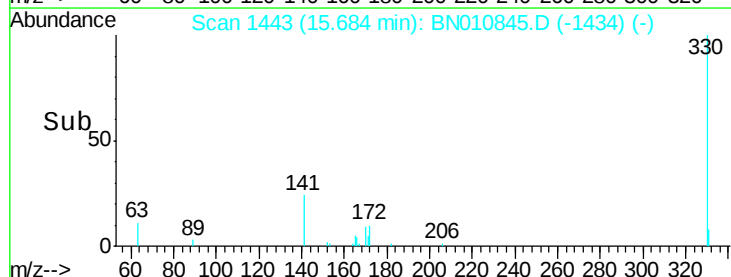
141 41.6 33.2 49.8

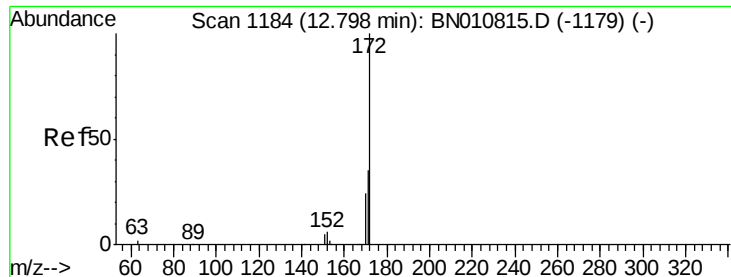


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

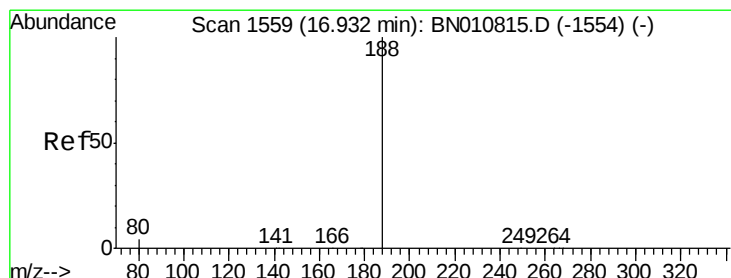
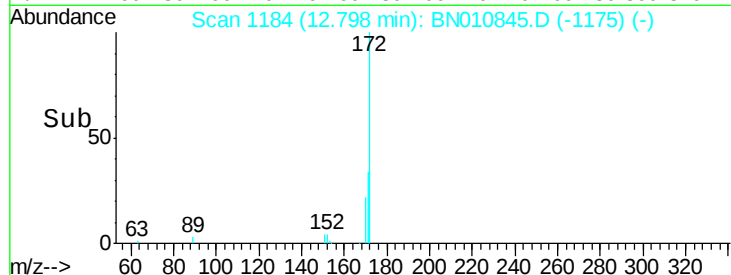
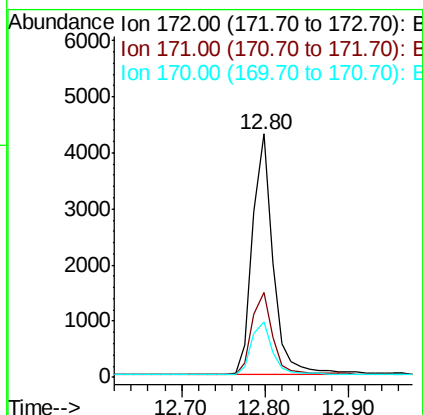
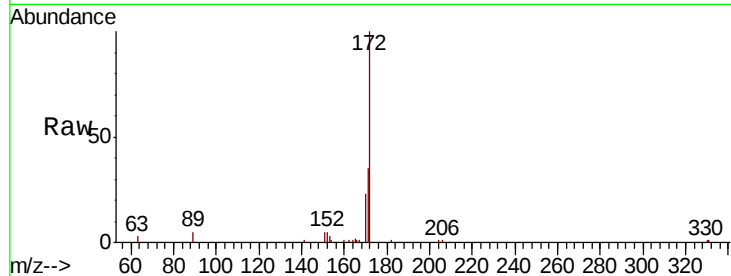




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

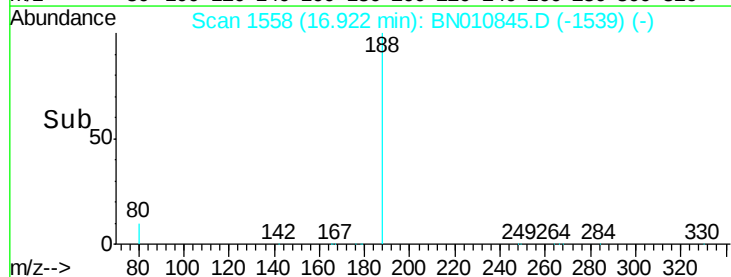
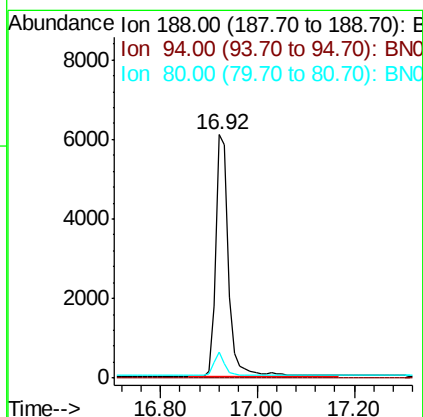
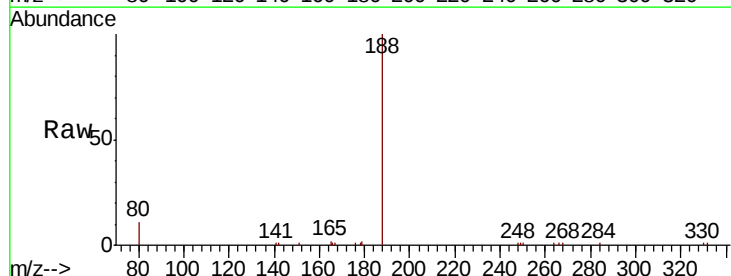
Instrument :
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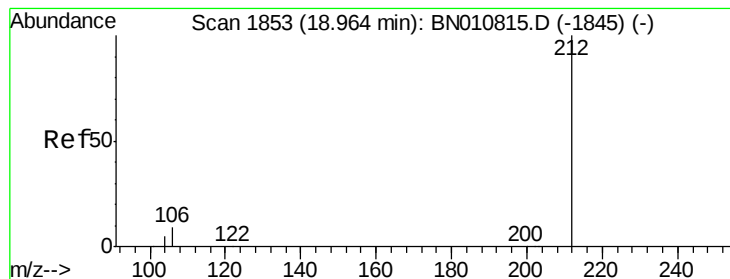
Tot Ion:172 Resp: 7360
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010845.D
Acq: 12 Jun 2020 14:45

Tgt Ion:188 Resp: 11163
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200608

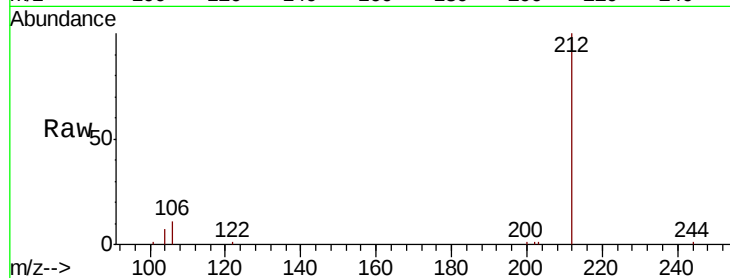
Tot Ion:212 Resp: 11518

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

104 5.8 4.0 6.0

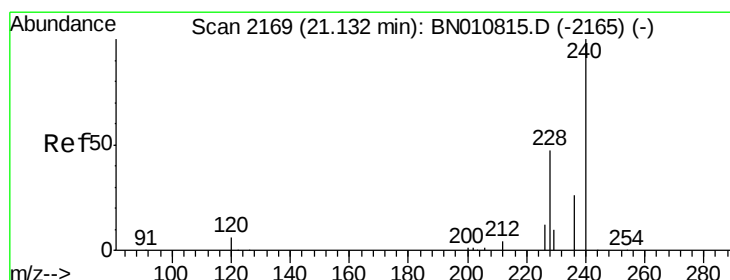
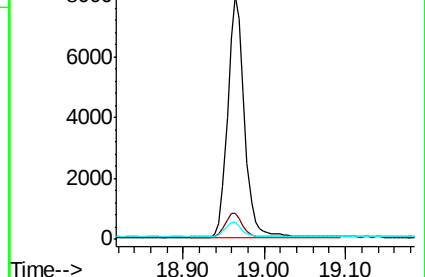
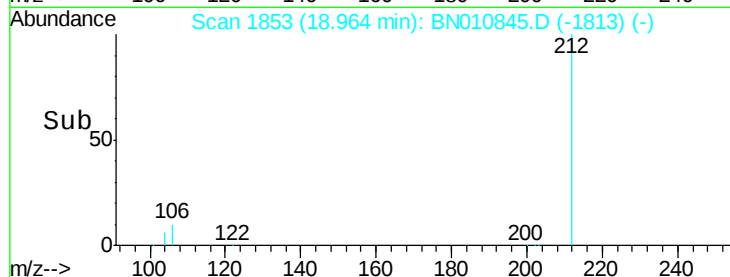


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

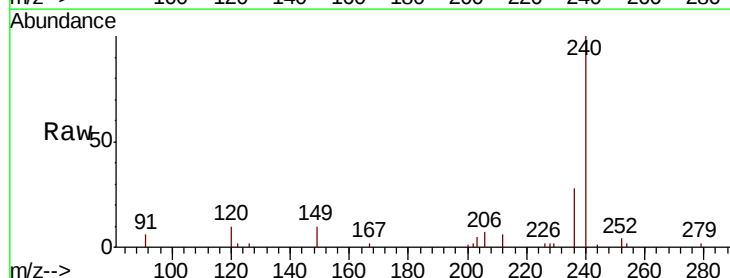
Tgt Ion:240 Resp: 10762

Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

236 28.1 22.3 33.5

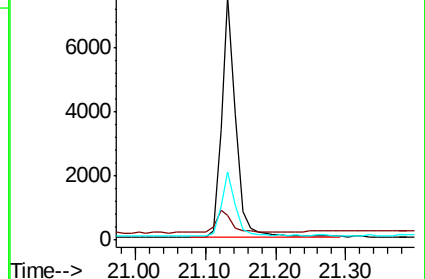
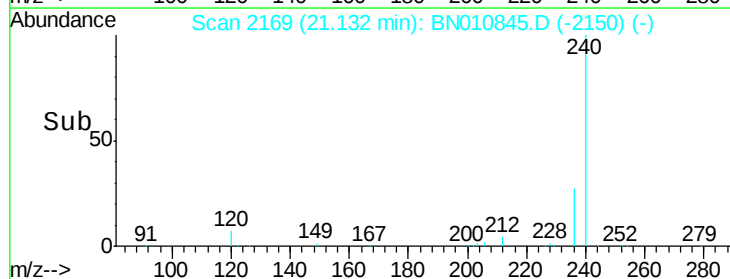


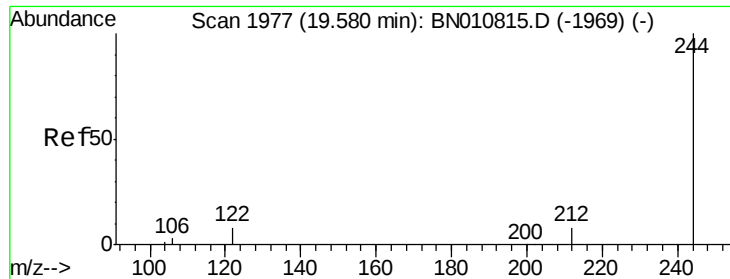
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 19.57 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200608

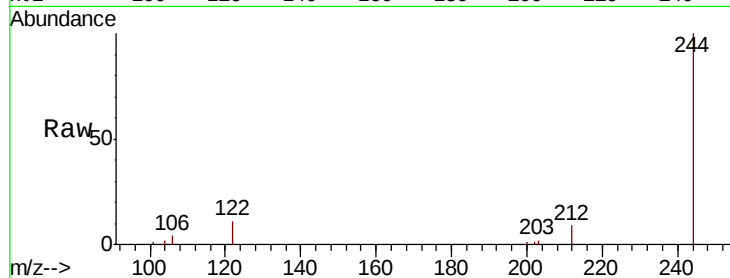
Tot Ion:244 Resp: 11372

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

122 10.7 7.5 11.3

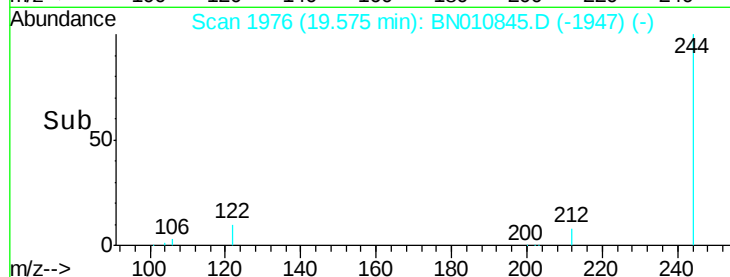


Abundance Ion 244.00 (243.70 to 244.70): E

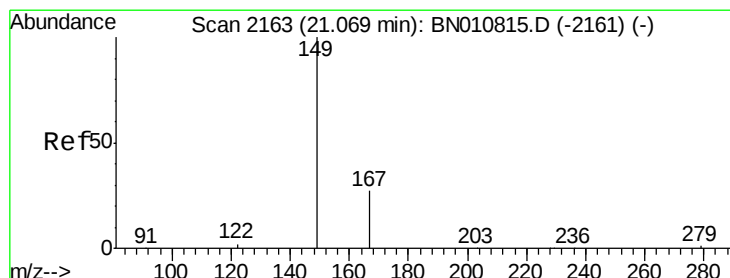
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.223 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010845.D

Acq: 12 Jun 2020 14:45

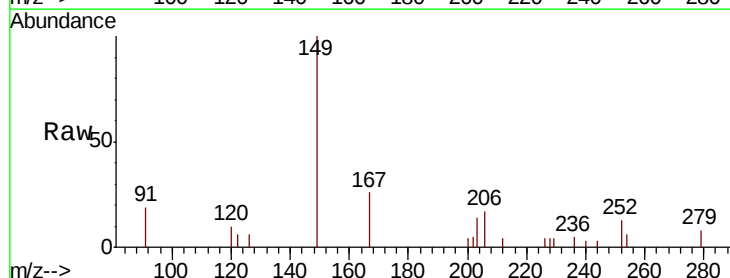
Tgt Ion:149 Resp: 2350

Ion Ratio Lower Upper

149 100

167 28.7 24.1 36.1

279 5.4 4.6 7.0

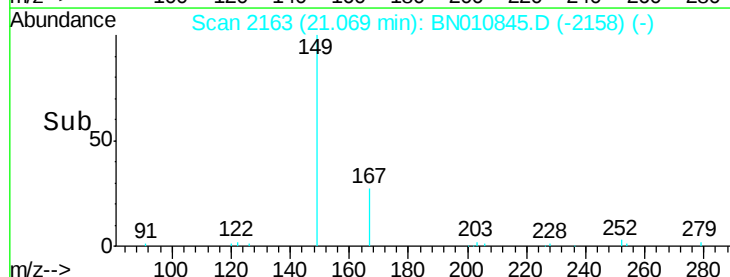


Abundance Ion 149.00 (148.70 to 149.70): E

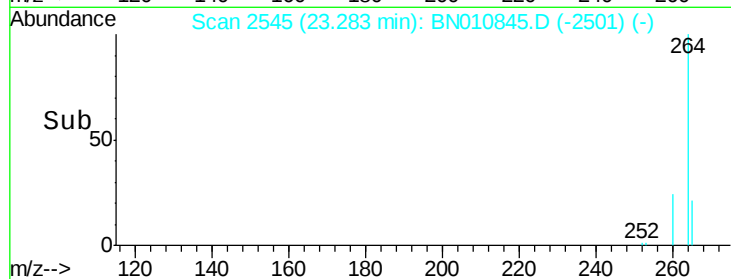
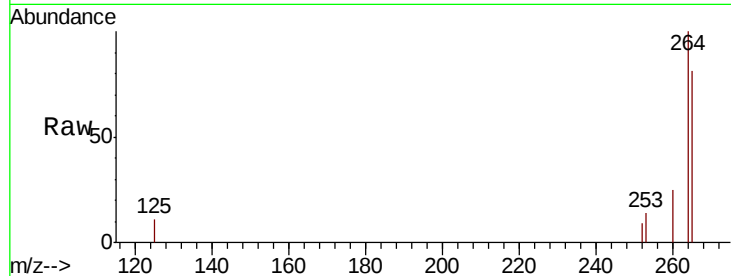
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



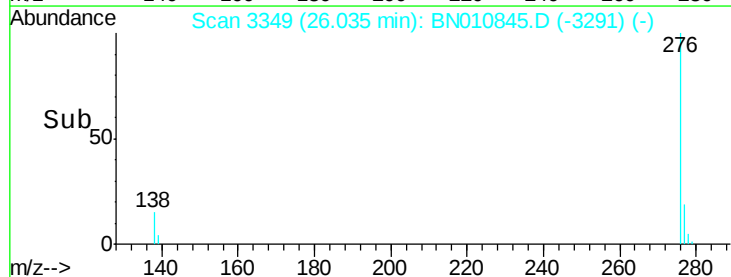
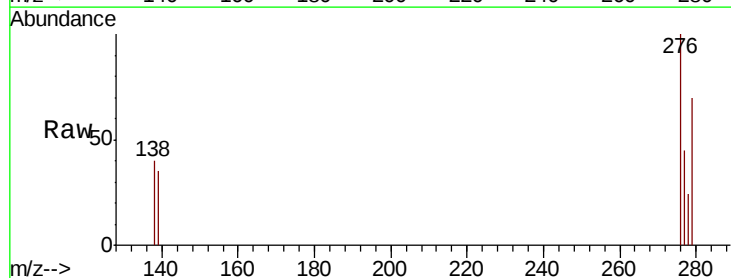
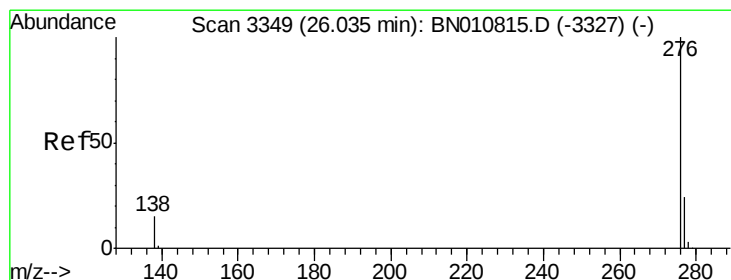
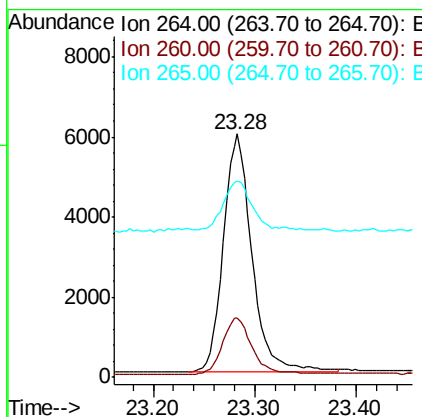
Time-->



#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BN010845.D
 Acq: 12 Jun 2020 14:45

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20200608

Tot Ion:264 Resp: 11640
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.4 30.6
 265 80.8 75.0 112.4



#39
 Benzo(g,h,i)perylene
 Concen: 0.030 ng
 RT: 26.03 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: BN010845.D
 Acq: 12 Jun 2020 14:45

Tgt Ion:276 Resp: 1220
 Ion Ratio Lower Upper
 276 100
 277 44.7 20.5 30.7#
 138 39.9 13.7 20.5#

