

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010898.D
 Acq On : 16 Jun 2020 09:11
 Operator : CG/JU
 Sample : L2989-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 REDUP02-20200609

Quant Time: Jun 16 10:00:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

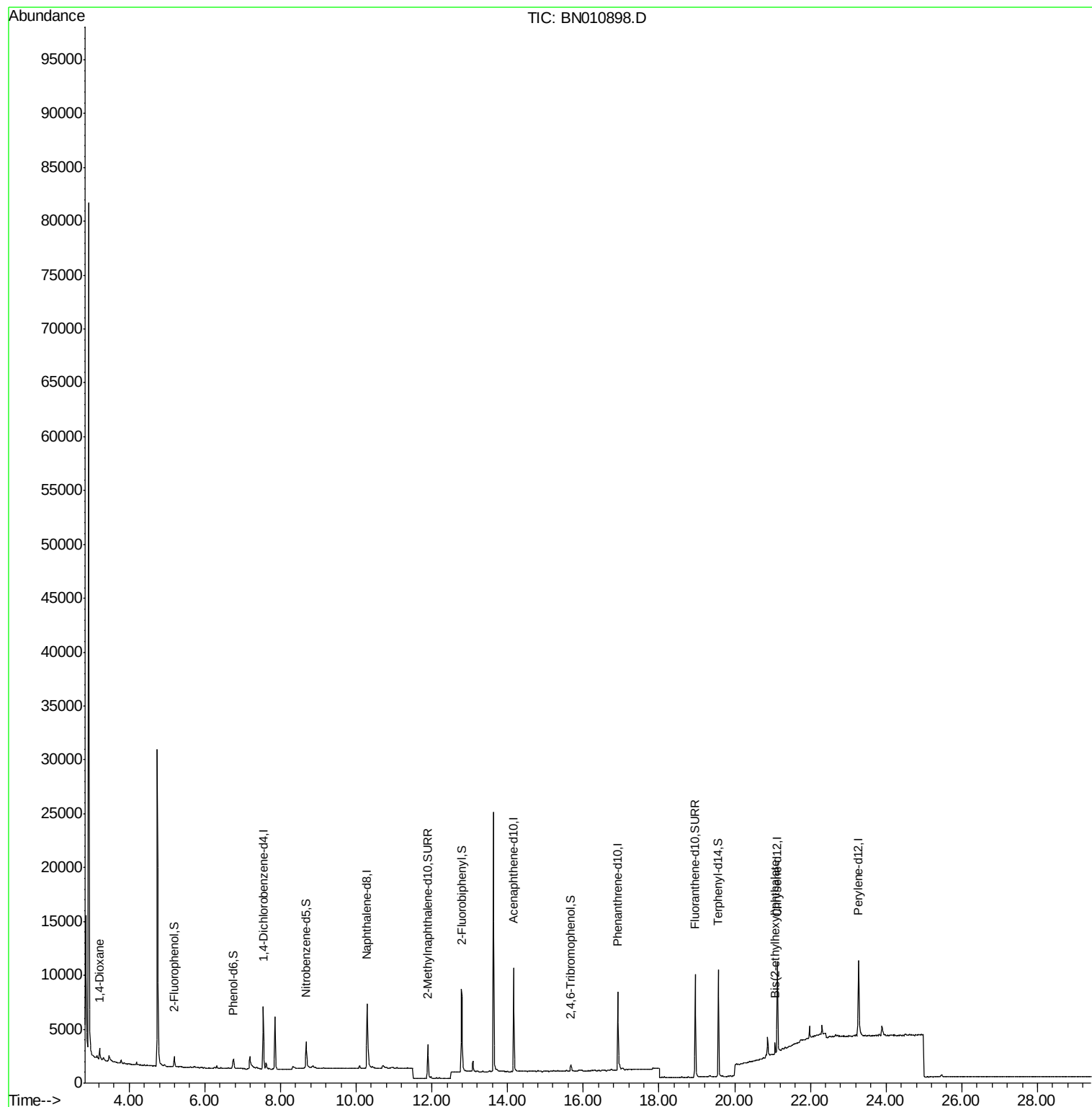
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2934	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	10230	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	5607	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10969	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9508	0.40	ng	0.00
34) Perylene-d12	23.27	264	9793	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	960	0.17	ng	0.00
5) Phenol-d6	6.74	99	669	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2786	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5106	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	597	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	8486	0.38	ng	0.00
25) Fluoranthene-d10	18.96	212	11959	0.40	ng	0.00
29) Terphenyl-d14	19.57	244	11075	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	941	0.327	ng	Qvalue # 83
32) Bis(2-ethylhexyl)phthalate	21.07	149	909	0.098	ng	94

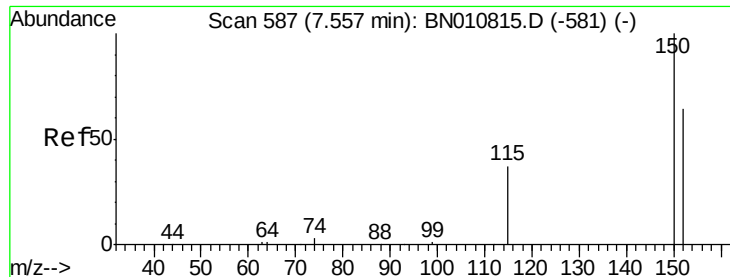
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
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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: BN010898.D

Acq: 16 Jun 2020 09:11

Instrument :

BNA_N

ClientSampleId :

REDUP02-20200609

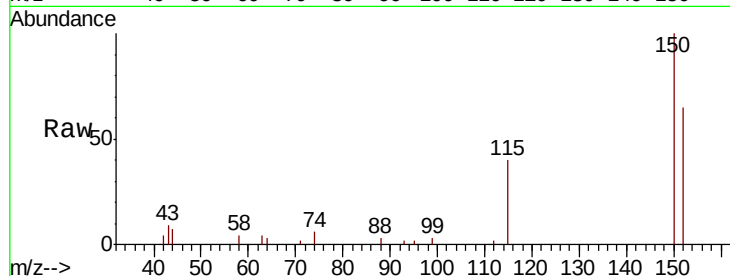
Tot Ion:152 Resp: 2934

Ion Ratio Lower Upper

152 100

150 153.8 123.8 185.6

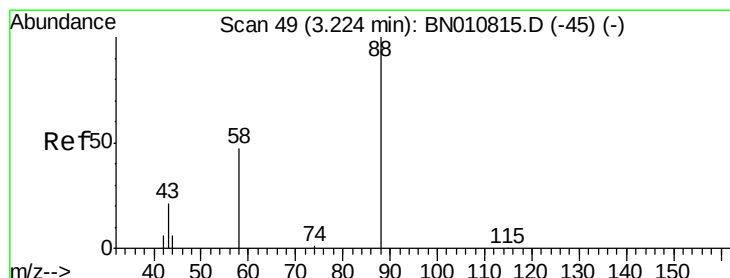
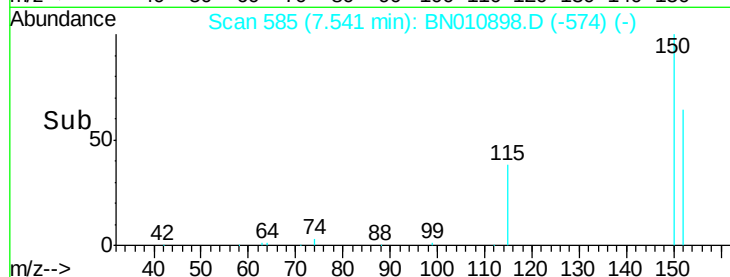
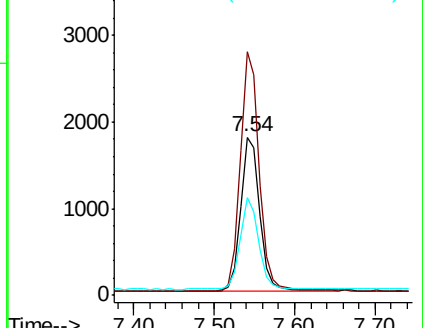
115 61.9 49.2 73.8



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: 0.327 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.00 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

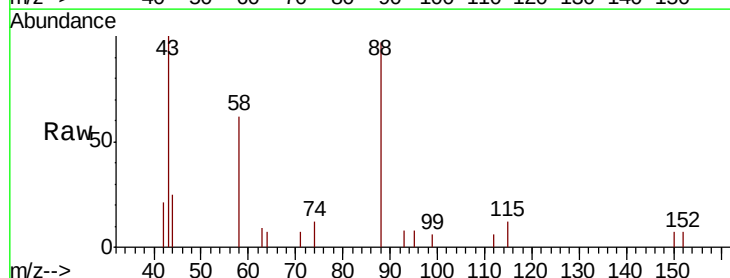
Tgt Ion: 88 Resp: 941

Ion Ratio Lower Upper

88 100

58 54.2 38.2 57.4

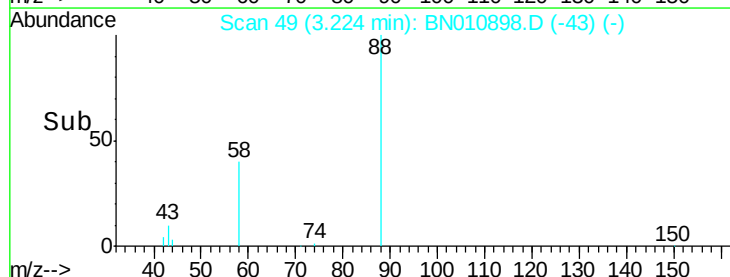
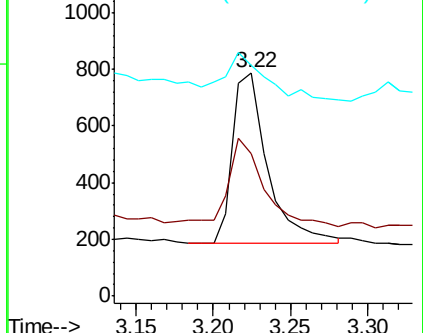
43 35.0 15.1 22.7#

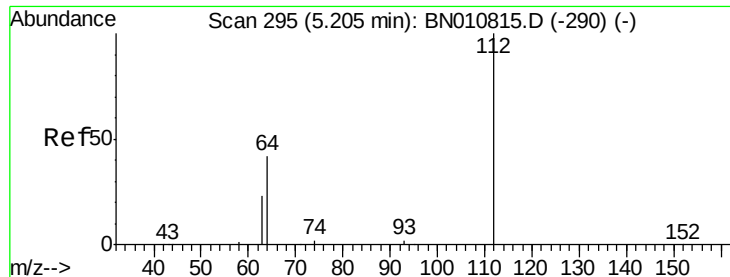


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.169 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

Instrument :

BNA_N

ClientSampleId :

REDUP02-20200609

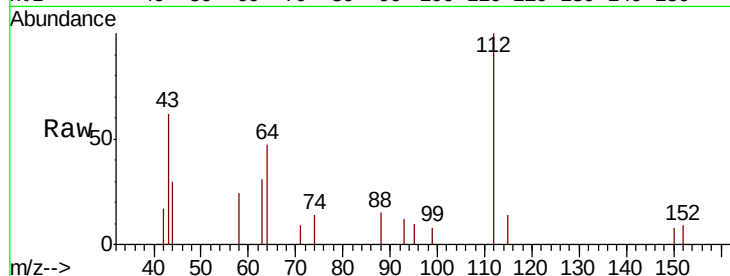
Tot Ion: 112 Resp: 960

Ion Ratio Lower Upper

112 100

64 47.5 37.4 56.0

63 24.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.20

600

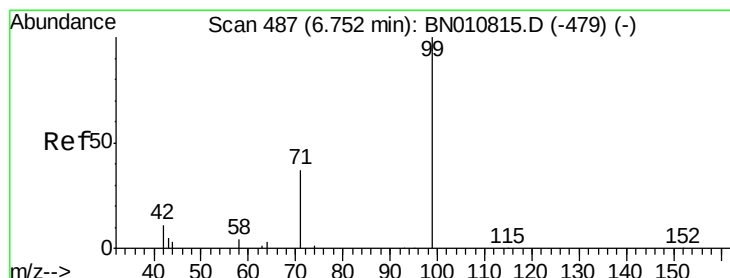
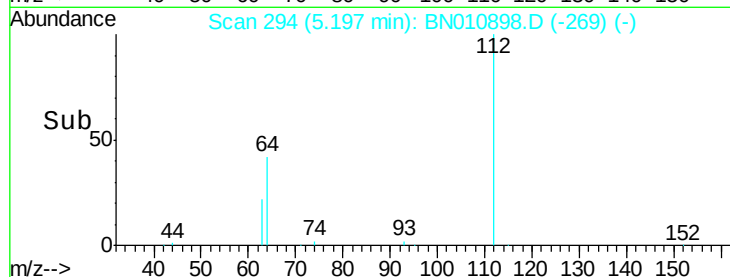
400

200

0

5.10 5.20 5.30

Time-->



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

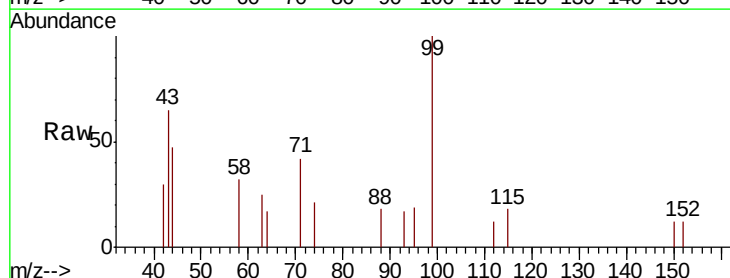
Tgt Ion: 99 Resp: 669

Ion Ratio Lower Upper

99 100

42 20.2 11.1 16.7#

71 39.6 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.74

500

400

300

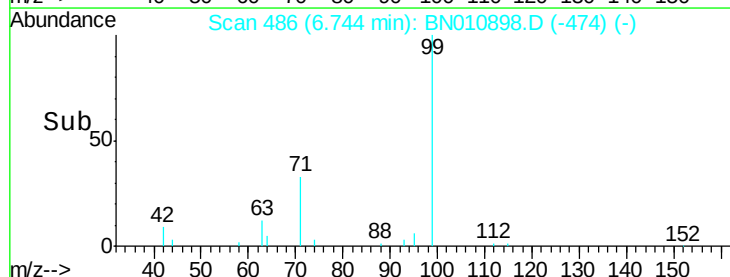
200

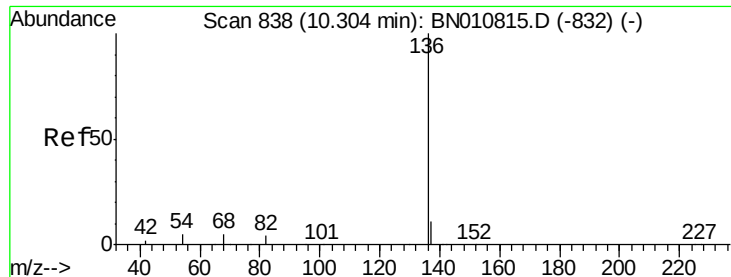
100

0

6.60 6.70 6.80

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

Instrument :

BNA_N

ClientSampleId :

REDUP02-20200609

Tot Ion:136 Resp: 10230

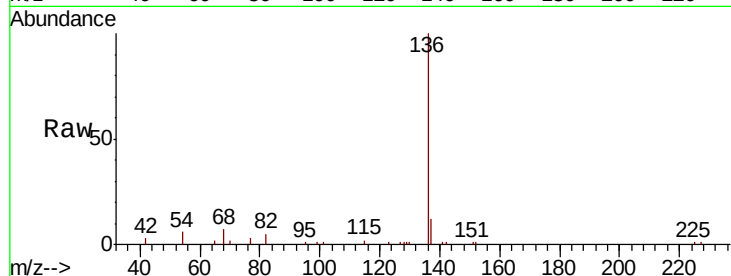
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 5.7 4.9 7.3

68 6.7 4.7 7.1

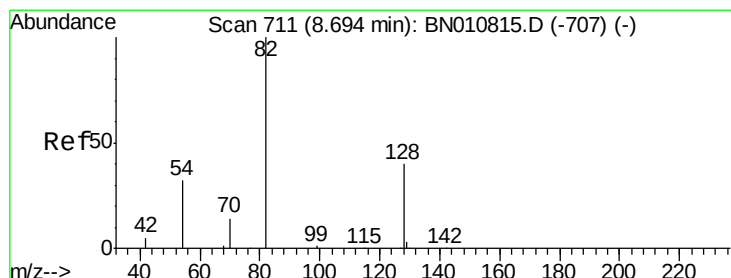
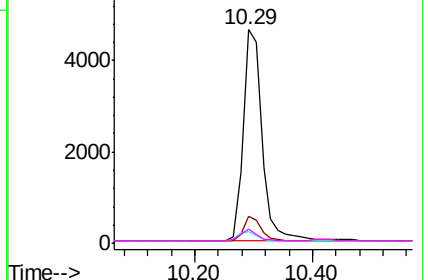
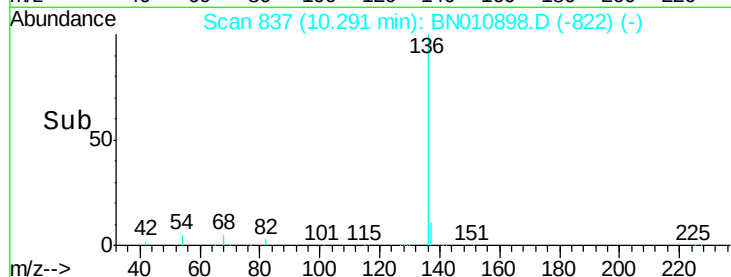


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

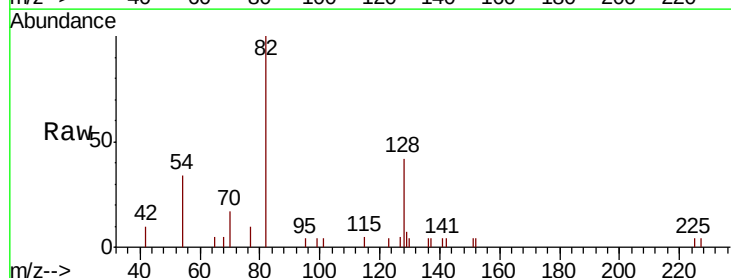
Tgt Ion: 82 Resp: 2786

Ion Ratio Lower Upper

82 100

128 42.3 35.4 53.0

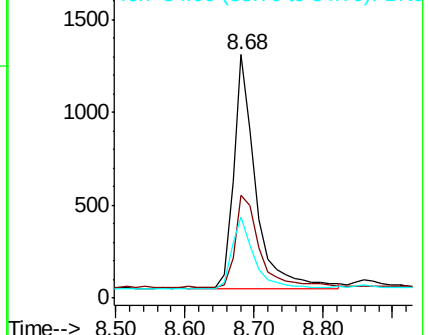
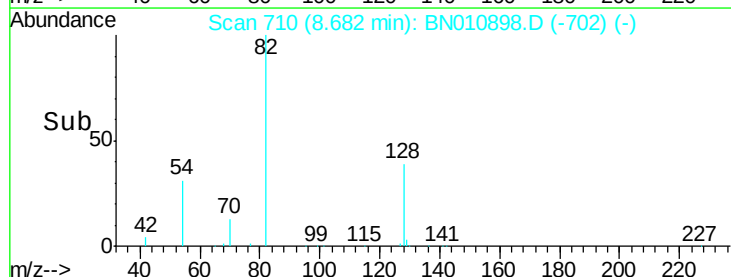
54 33.6 28.2 42.4

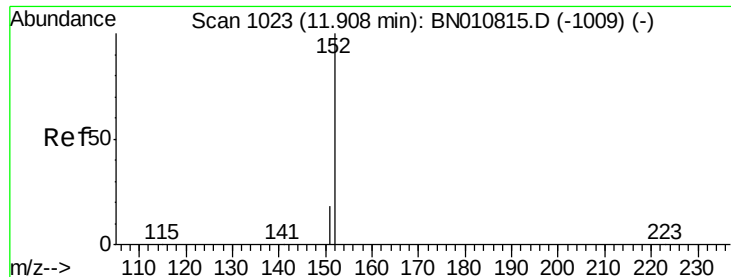


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

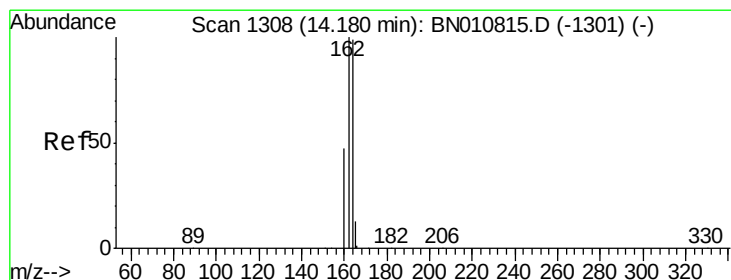
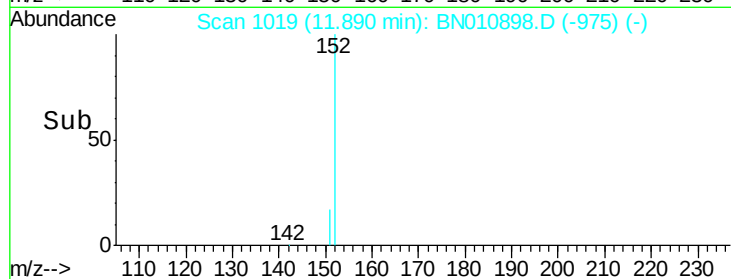
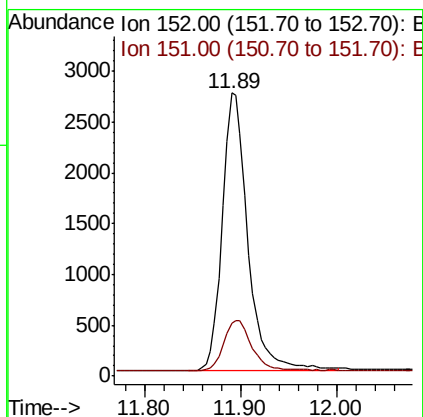
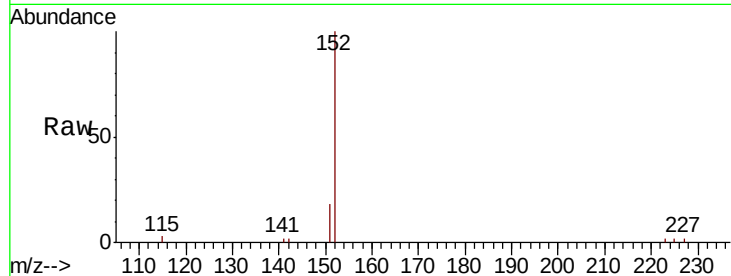




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010898.D
Acq: 16 Jun 2020 09:11

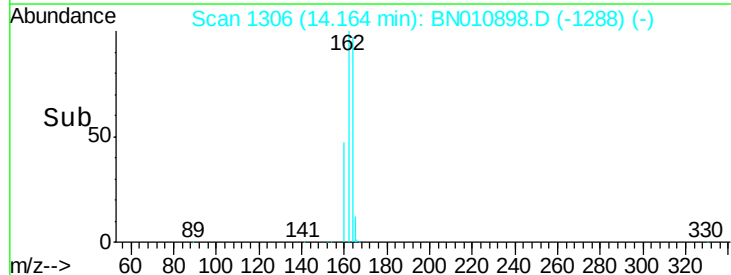
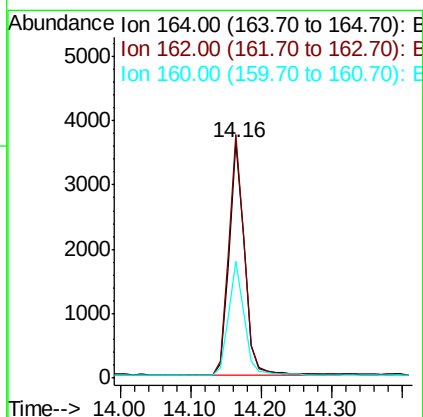
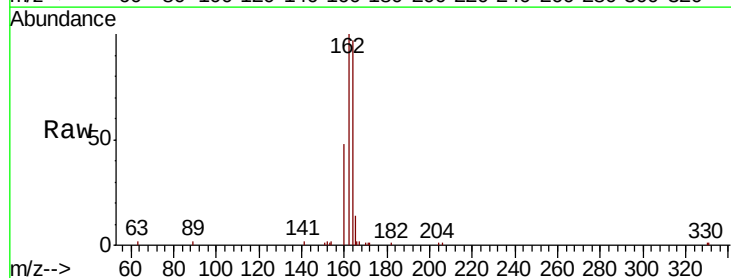
Instrument :
BNA_N
ClientSampleId :
REDUP02-20200609

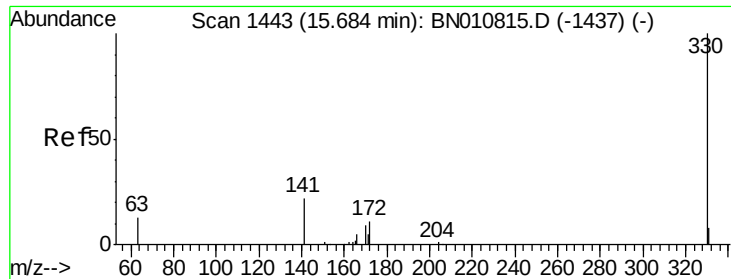
Tot Ion:152 Resp: 5106
Ion Ratio Lower Upper
152 100
151 20.0 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010898.D
Acq: 16 Jun 2020 09:11

Tgt Ion:164 Resp: 5607
Ion Ratio Lower Upper
164 100
162 103.2 81.0 121.6
160 49.4 38.9 58.3

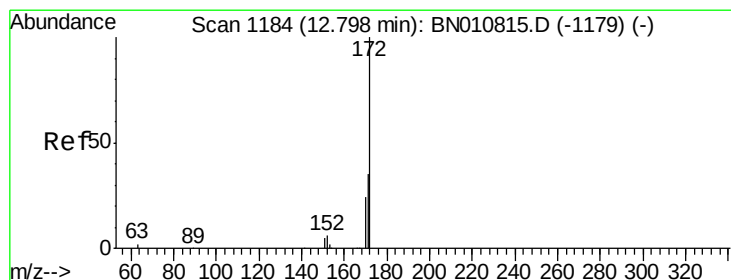
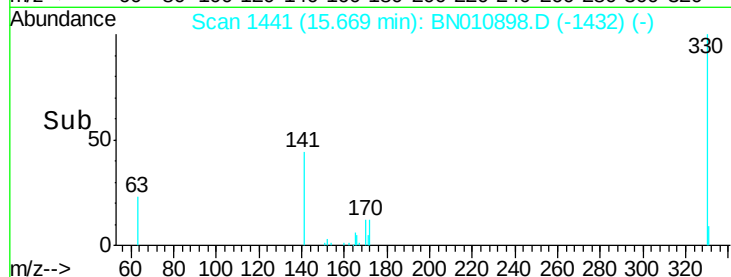
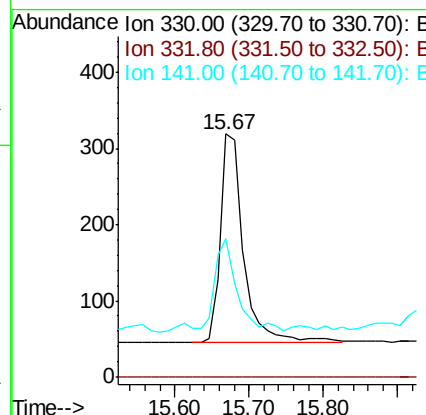
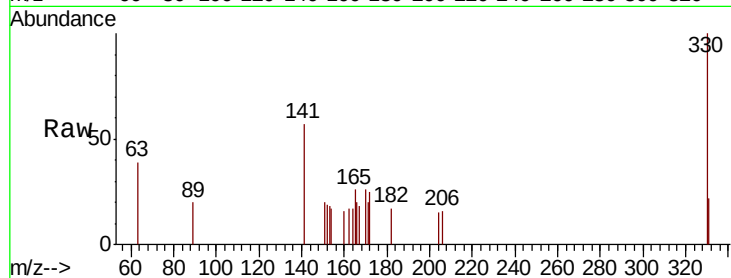




#14
 2,4,6-Tribromophenol
 Concen: 0.298 ng
 RT: 15.67 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BN010898.D
 Acq: 16 Jun 2020 09:11

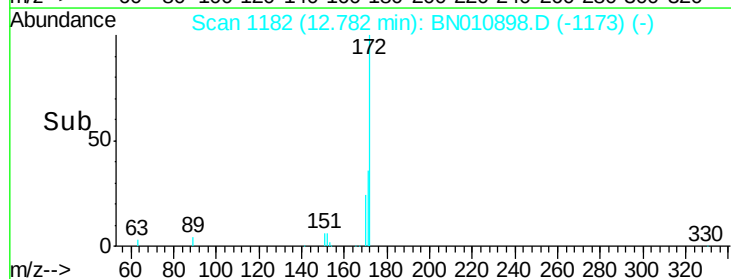
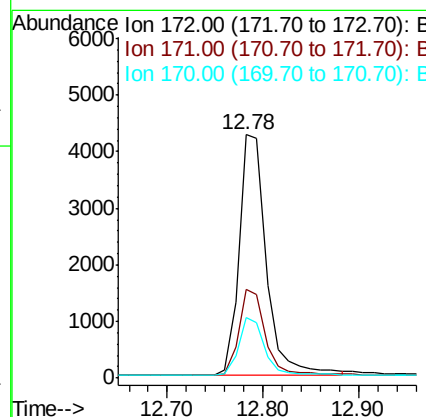
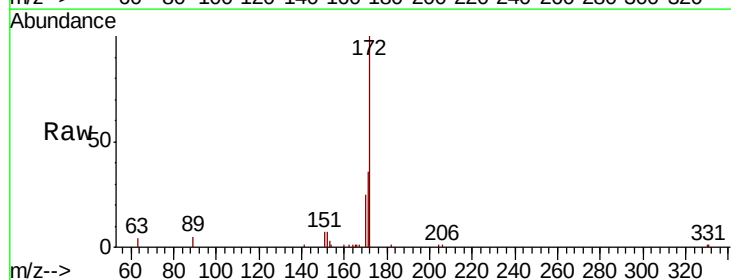
Instrument :
 BNA_N
 ClientSampleId :
 REDUP02-20200609

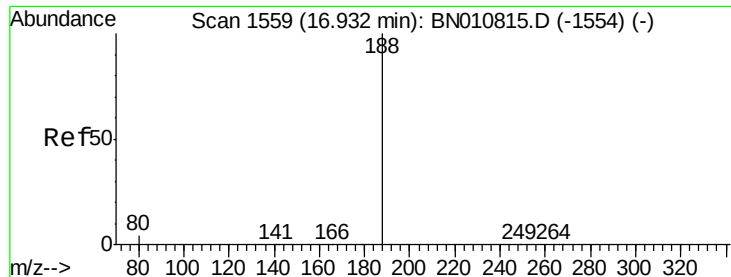
Tot Ion:330 Resp: 597
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.5 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.384 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BN010898.D
 Acq: 16 Jun 2020 09:11

Tgt Ion:172 Resp: 8486
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 25.1 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: BN010898.D

Acq: 16 Jun 2020 09:11

Instrument :

BNA_N

ClientSampleId :

REDUP02-20200609

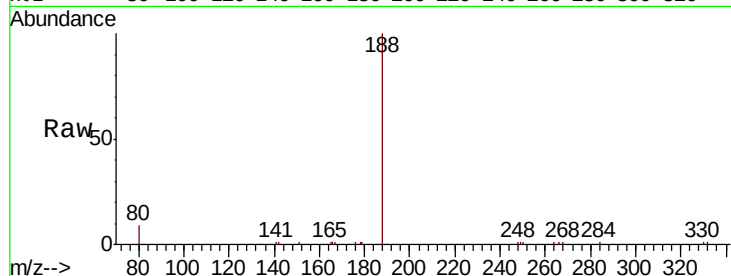
Tot Ion:188 Resp: 10969

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

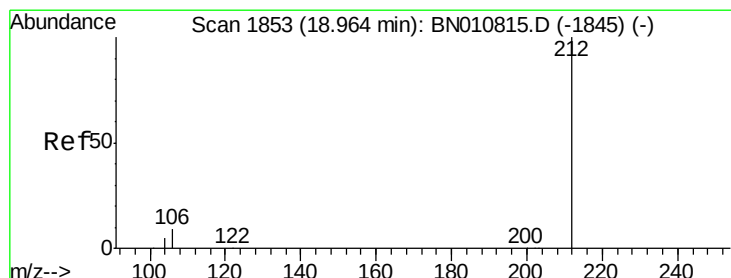
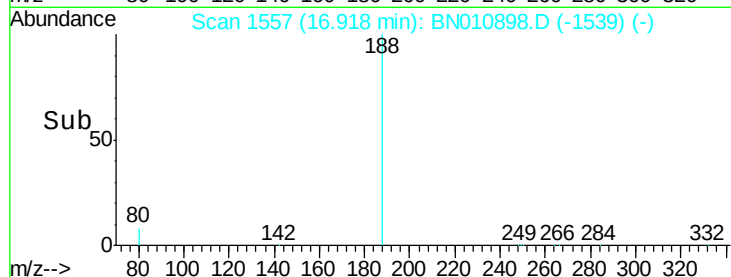
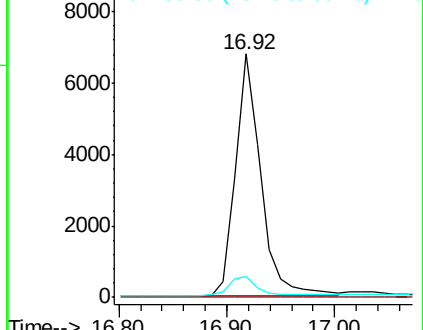
80 8.6 4.5 6.7#



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: 0.395 ng

RT: 18.96 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

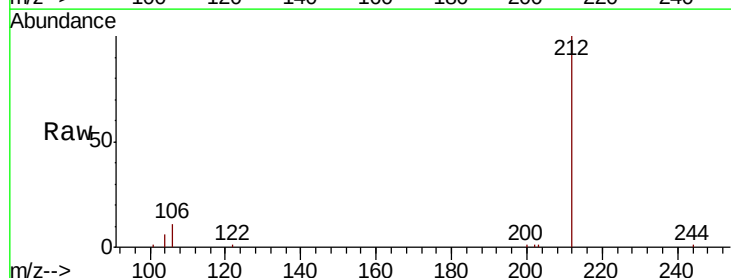
Tgt Ion:212 Resp: 11959

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

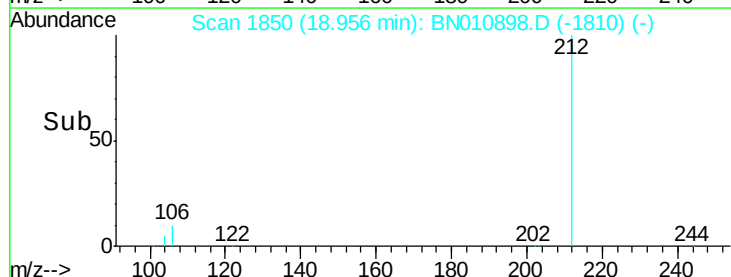
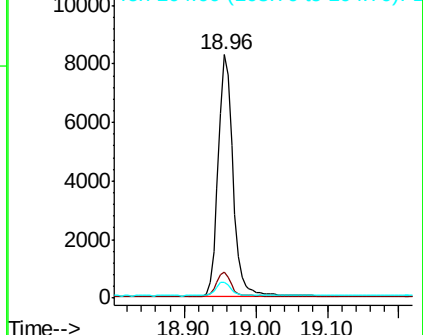
104 5.8 4.0 6.0

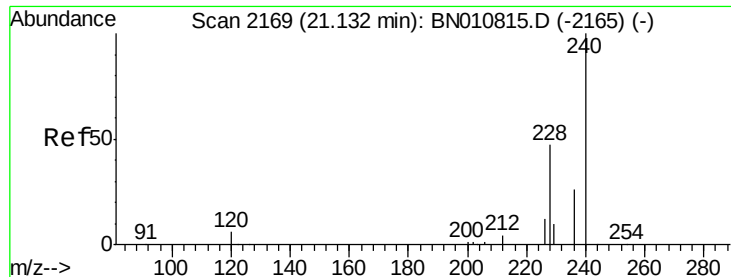


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

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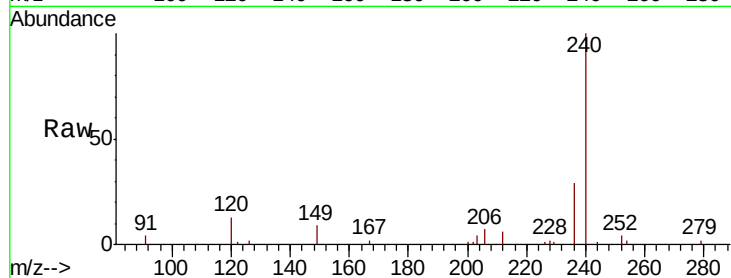
Tot Ion:240 Resp: 9508

Ion Ratio Lower Upper

240 100

120 12.7 7.5 11.3#

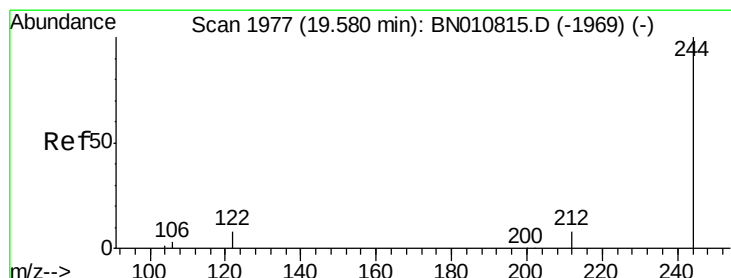
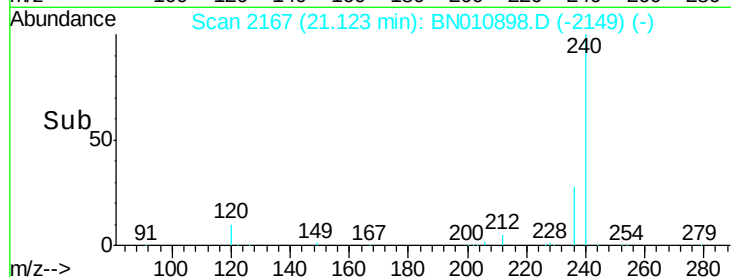
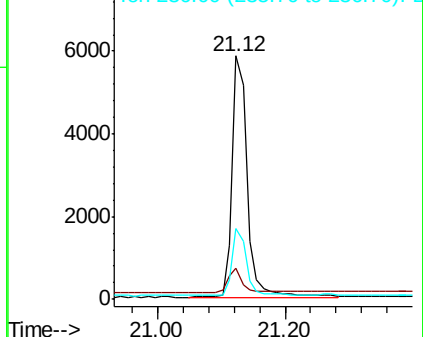
236 28.9 22.3 33.5



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: 0.498 ng

RT: 19.57 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

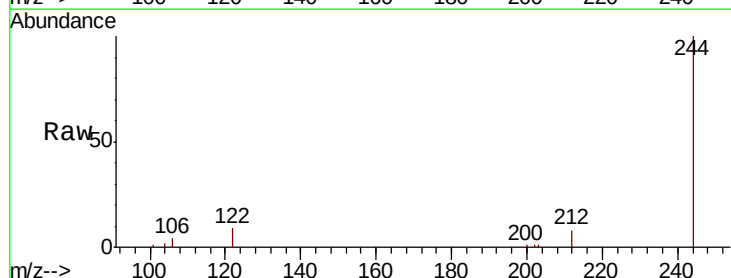
Tgt Ion:244 Resp: 11075

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

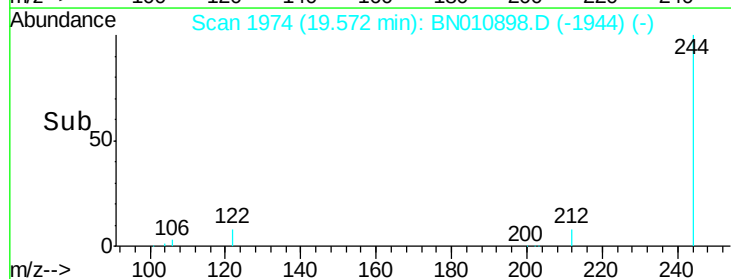
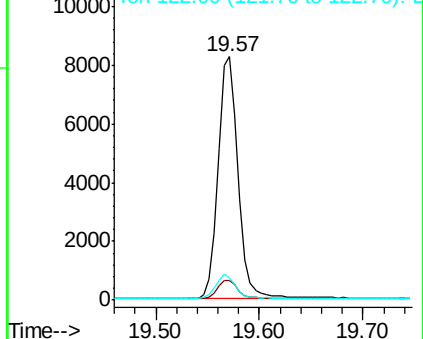
122 9.1 7.5 11.3

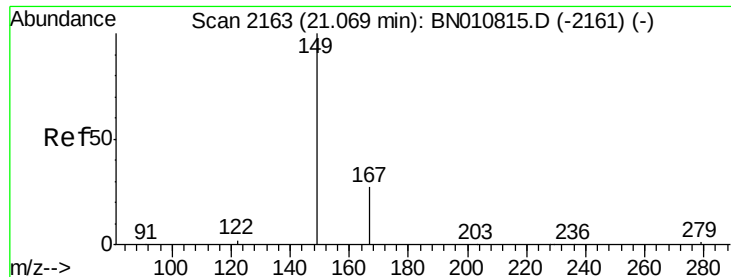


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.07 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

Instrument :

BNA_N

ClientSampleId :

REDUP02-20200609

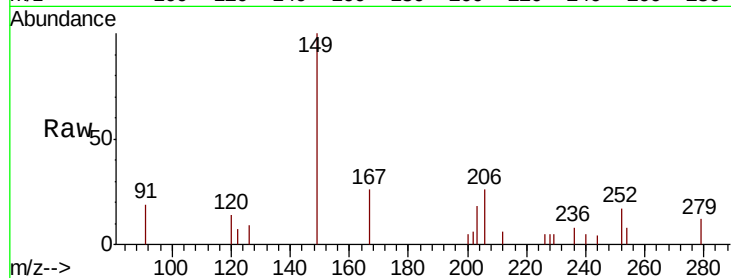
Tot Ion:149 Resp: 909

Ion Ratio Lower Upper

149 100

167 26.5 24.1 36.1

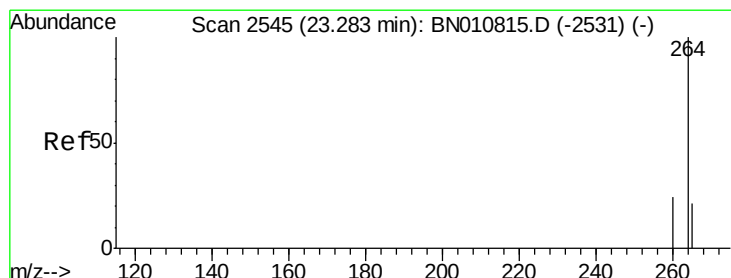
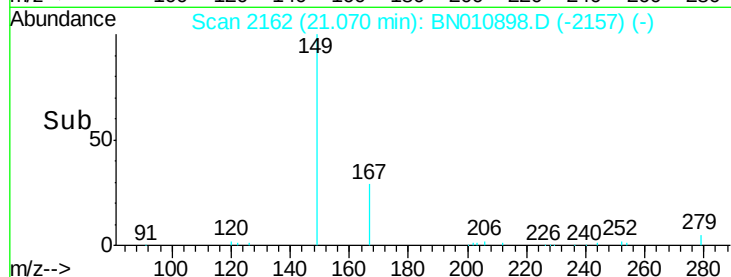
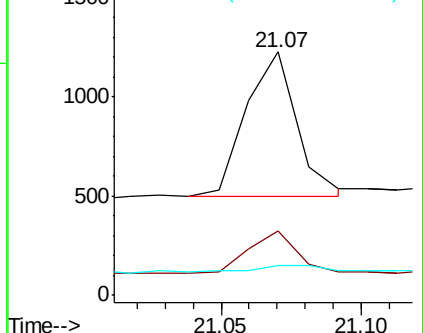
279 5.7 4.6 7.0



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: 23.27 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BN010898.D

Acq: 16 Jun 2020 09:11

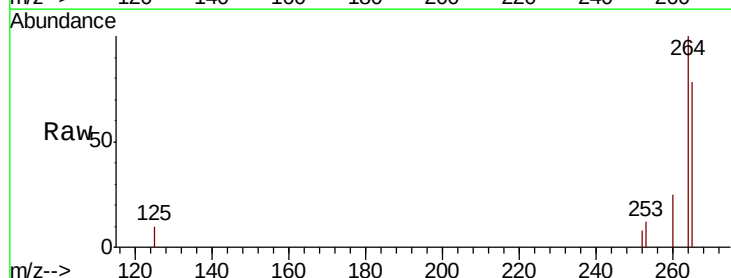
Tgt Ion:264 Resp: 9793

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 77.7 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

