

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010998.D
 Acq On : 20 Jun 2020 10:23
 Operator : CG/JU
 Sample : L3043-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 REDUP06-20200616

Quant Time: Jun 22 00:30:47 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 19 12:43:49 2020
 Response via : Initial Calibration

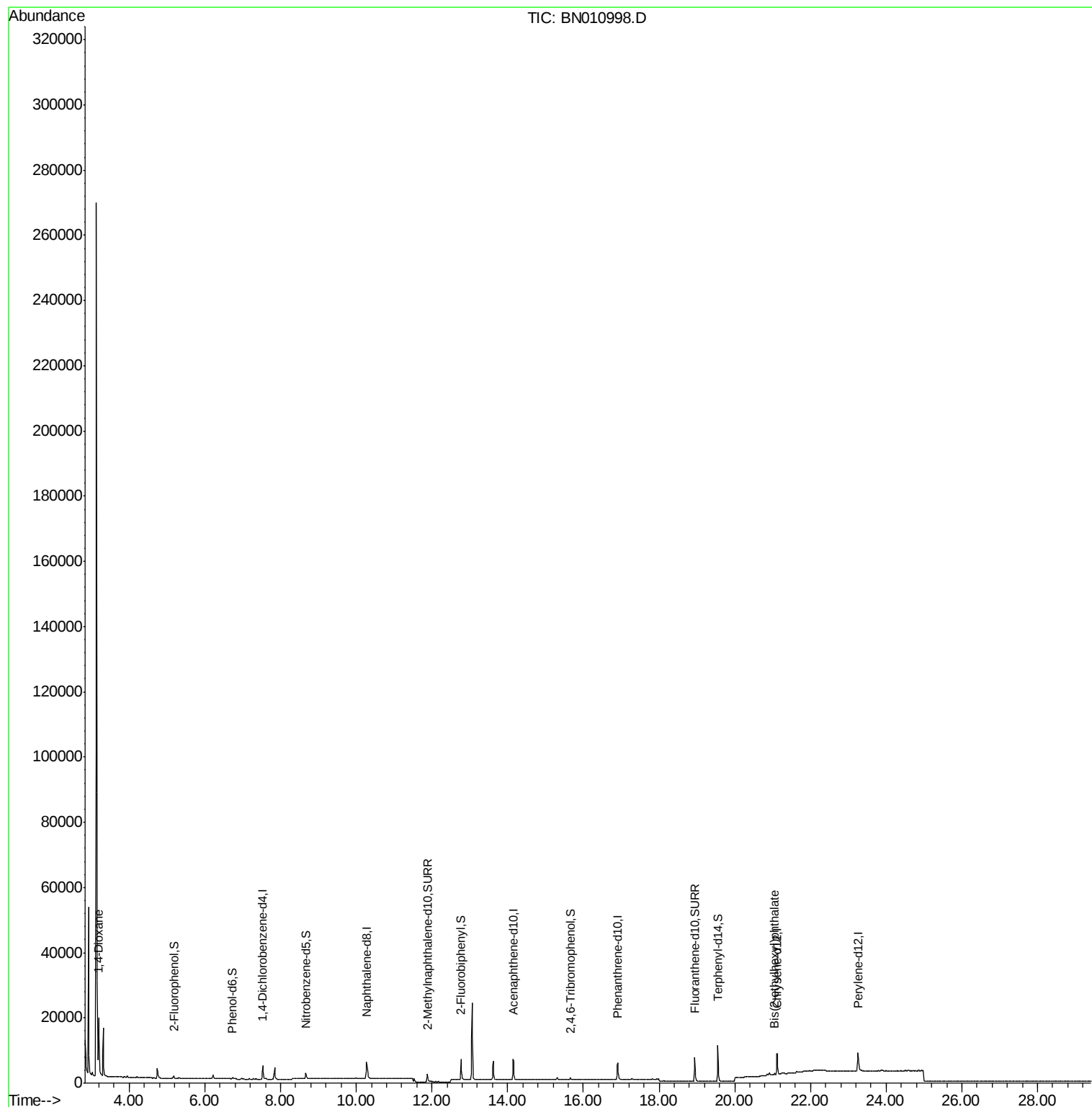
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2195	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8621	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	4153	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	8999	0.40	ng	0.01
27) Chrysene-d12	21.12	240	8182	0.40	ng	0.00
34) Perylene-d12	23.26	264	7937	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	664	0.16	ng	0.00
5) Phenol-d6	6.73	99	458	0.09	ng	0.00
8) Nitrobenzene-d5	8.67	82	2186	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3283	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	605	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	6553	0.40	ng	0.00
25) Fluoranthene-d10	18.94	212	9908	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	11552	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	11221	5.219	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	540	0.067	ng	93

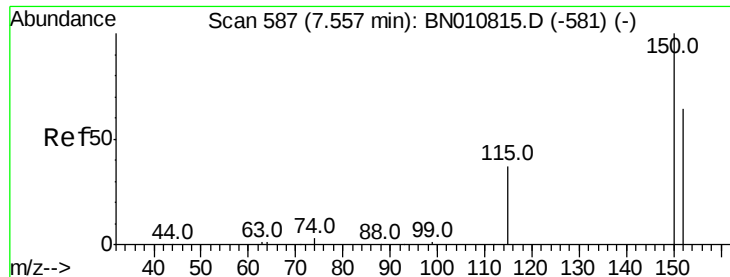
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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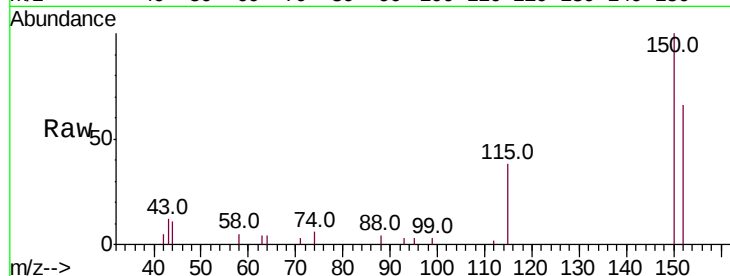


#1

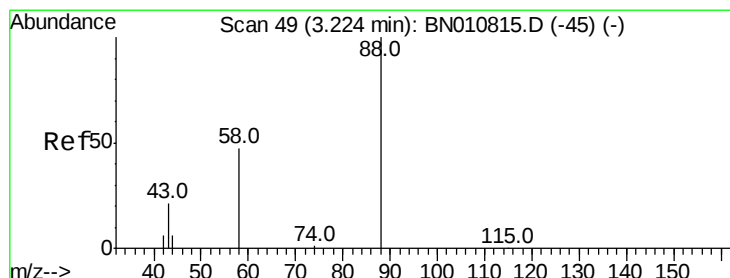
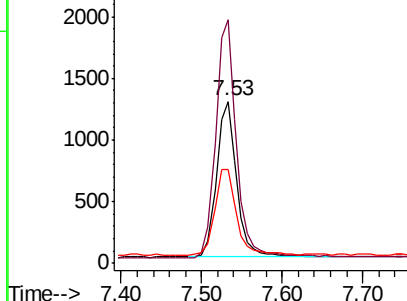
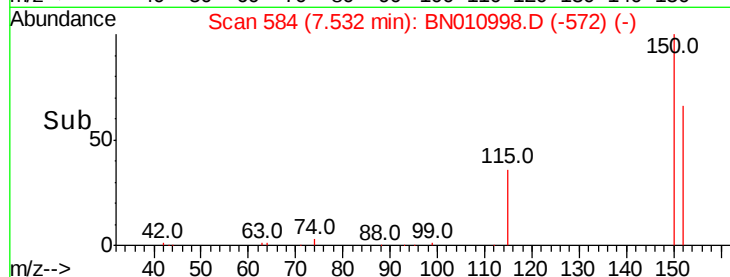
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010998.D
Acq: 20 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
REDUP06-20200616

Tot Ion:152 Resp: 2195
Ion Ratio Lower Upper
152 100
150 150.6 123.8 185.6
115 57.8 49.2 73.8



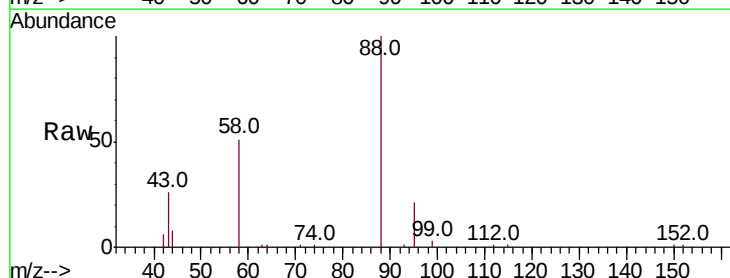
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



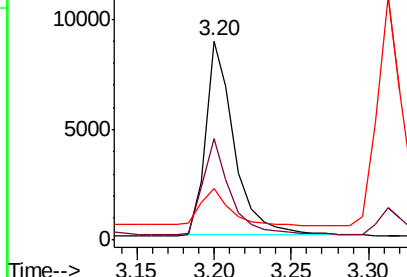
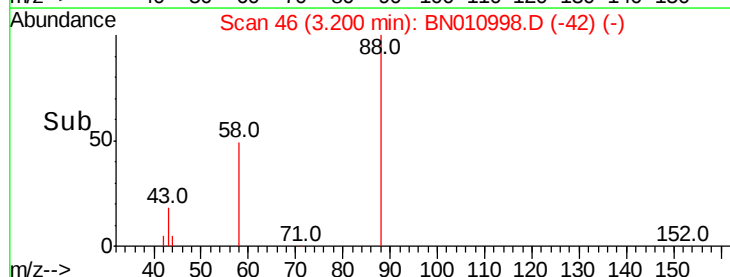
#2

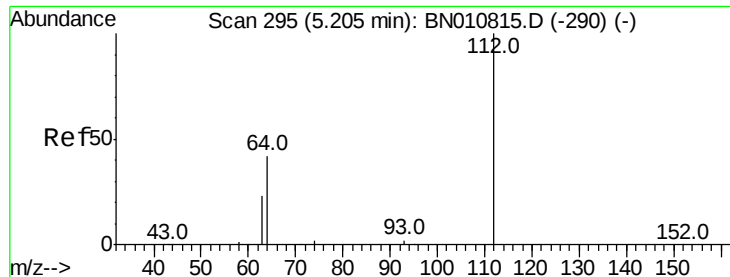
1,4-Dioxane
Concen: 5.219 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN010998.D
Acq: 20 Jun 2020 10:23

Tgt Ion: 88 Resp: 11221
Ion Ratio Lower Upper
88 100
58 47.0 38.2 57.4
43 19.6 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: 0.157 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

Instrument :

BNA_N

ClientSampleId :

REDUP06-20200616

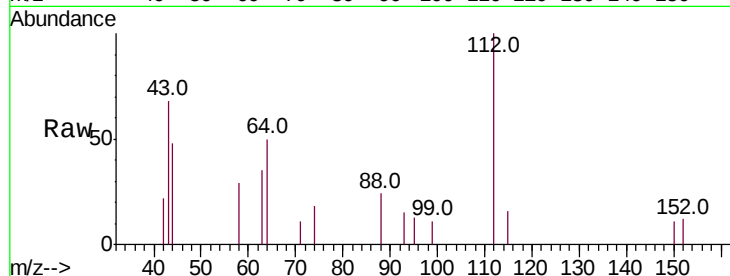
Tot Ion:112 Resp: 664

Ion Ratio Lower Upper

112 100

64 44.0 37.4 56.0

63 26.2 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

600

500

400

300

200

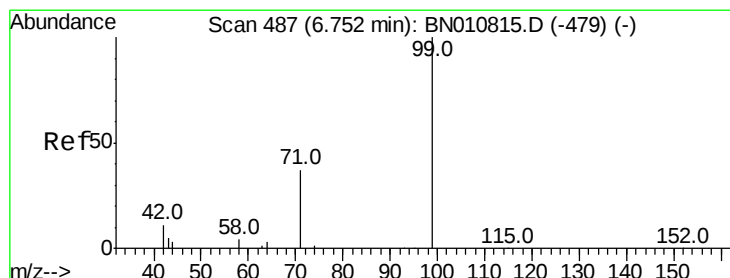
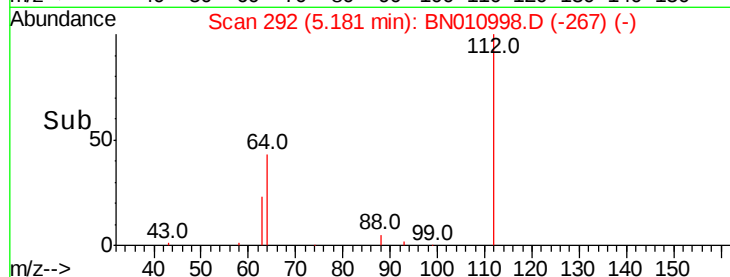
100

0

5.18

5.10 5.20 5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.092 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

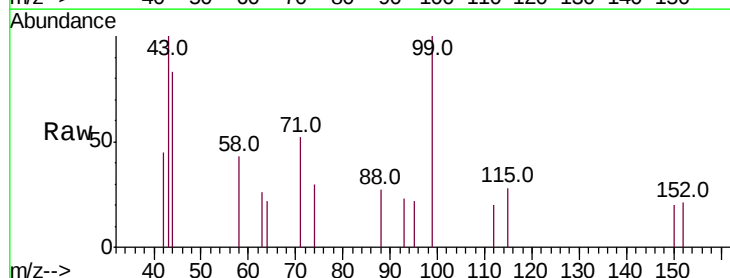
Tgt Ion: 99 Resp: 458

Ion Ratio Lower Upper

99 100

42 17.5 11.1 16.7#

71 40.8 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

300

200

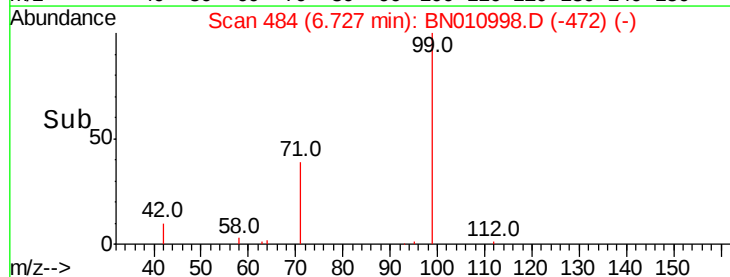
100

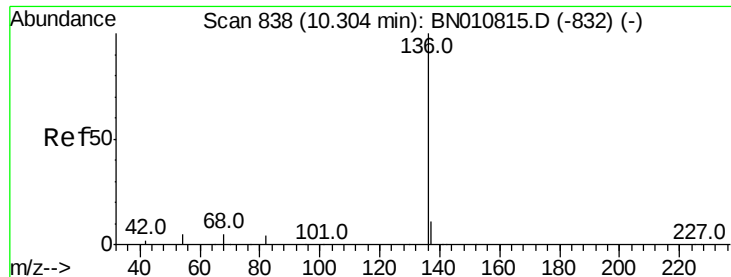
0

6.73

6.60 6.70 6.80 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

Instrument :

BNA_N

ClientSampleId :

REDUP06-20200616

Tot Ion:136 Resp: 8621

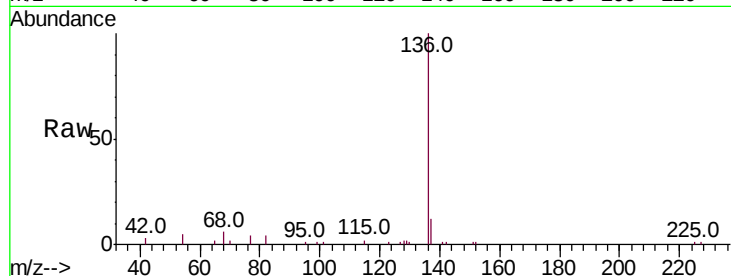
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 5.5 4.9 7.3

68 6.0 4.7 7.1

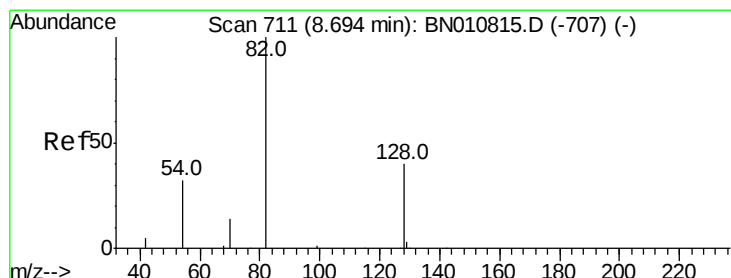
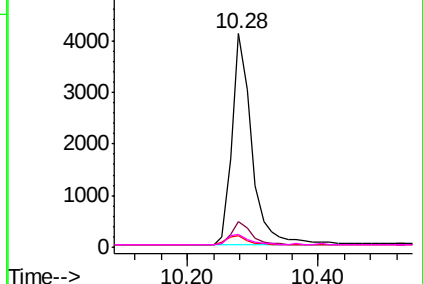
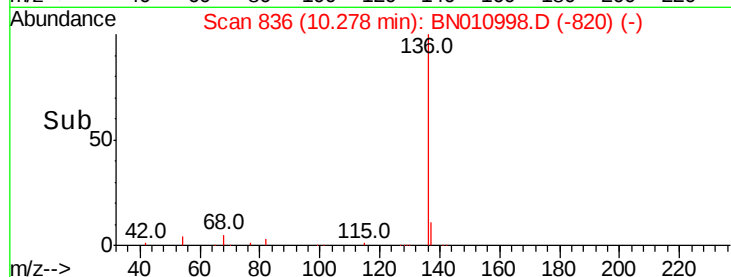


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.343 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

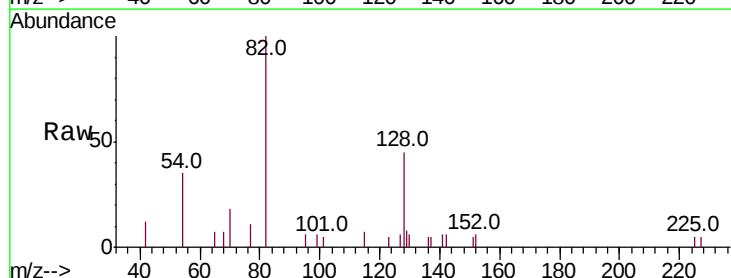
Tgt Ion: 82 Resp: 2186

Ion Ratio Lower Upper

82 100

128 44.7 35.4 53.0

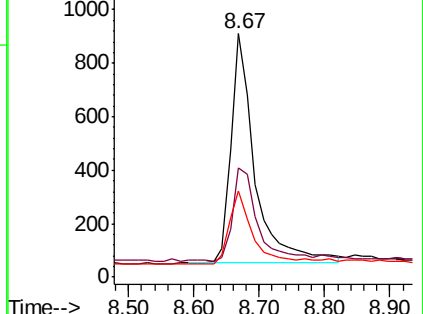
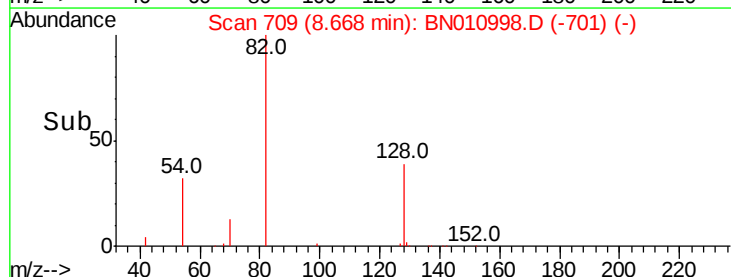
54 35.3 28.2 42.4

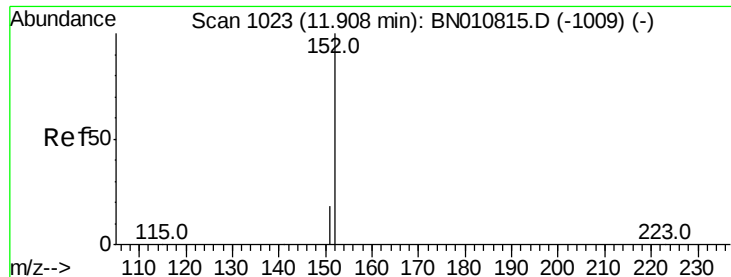


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

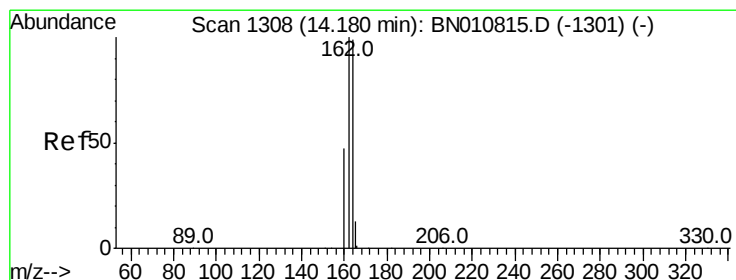
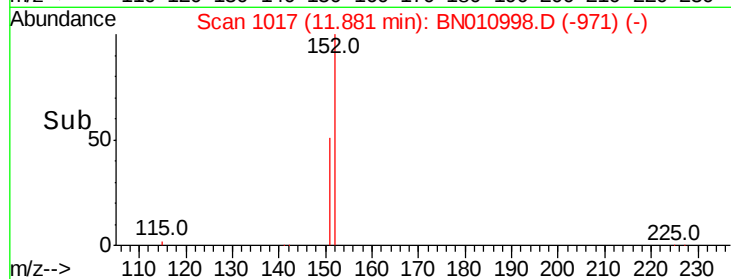
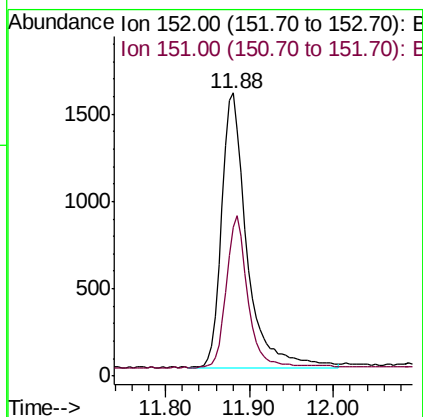
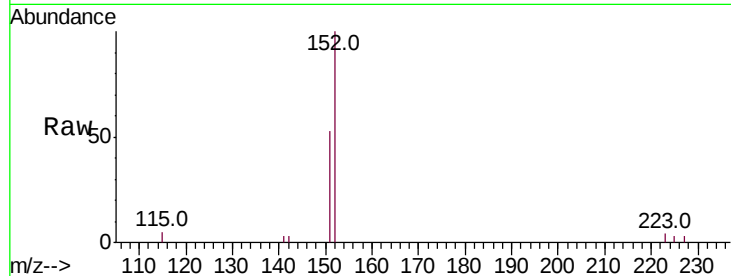




#11
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN010998.D
Acq: 20 Jun 2020 10:23

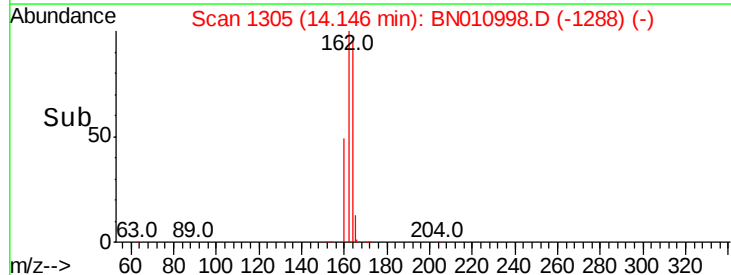
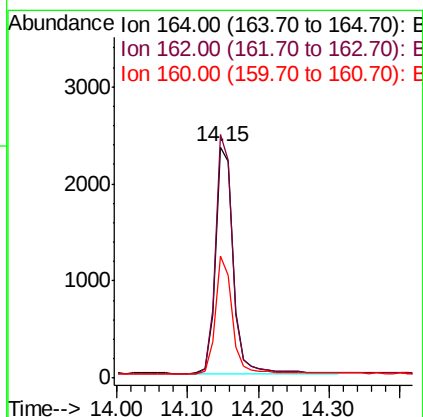
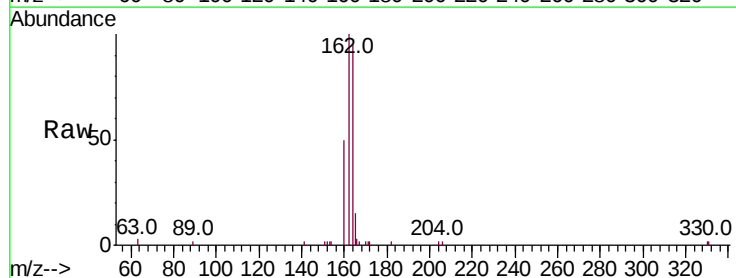
Instrument :
BNA_N
ClientSampleId :
REDUP06-20200616

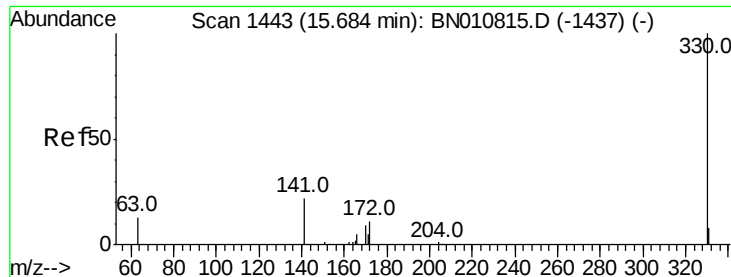
Tot Ion:152 Resp: 3283
Ion Ratio Lower Upper
152 100
151 46.4 15.3 22.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN010998.D
Acq: 20 Jun 2020 10:23

Tgt Ion:164 Resp: 4153
Ion Ratio Lower Upper
164 100
162 105.4 81.0 121.6
160 52.6 38.9 58.3

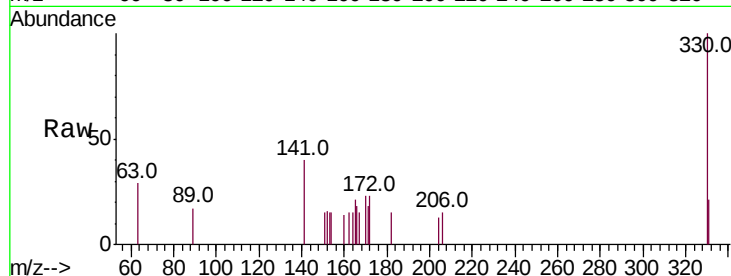




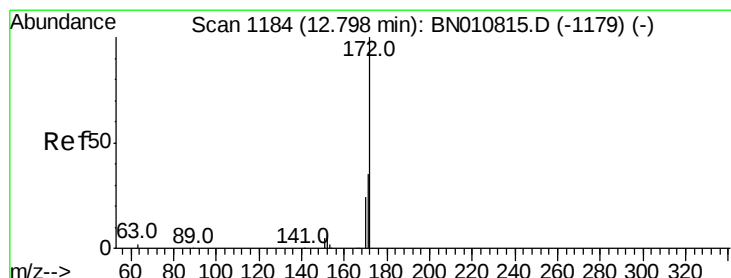
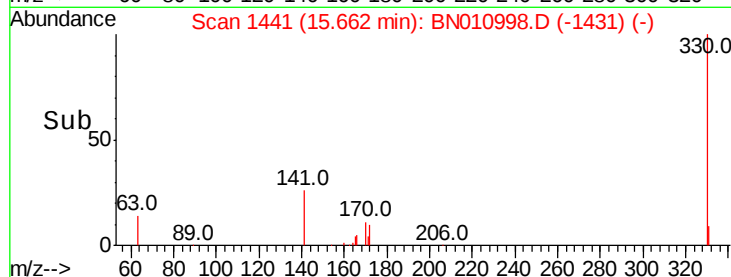
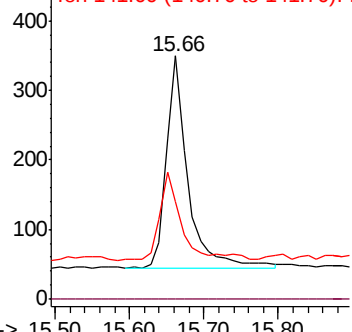
#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN010998.D
Acq: 20 Jun 2020 10:23

Instrument :
BNA_N
ClientSampleId :
REDUP06-20200616

Tot Ion:330 Resp: 605
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.0 33.2 49.8

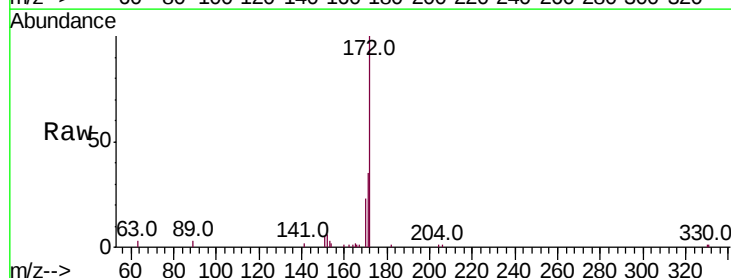


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

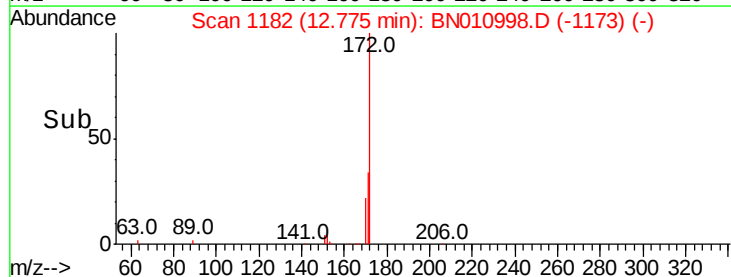
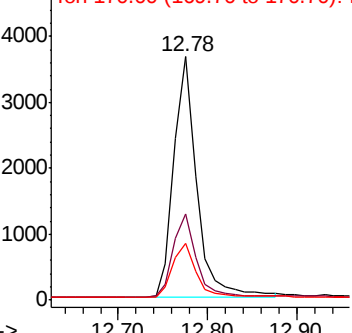


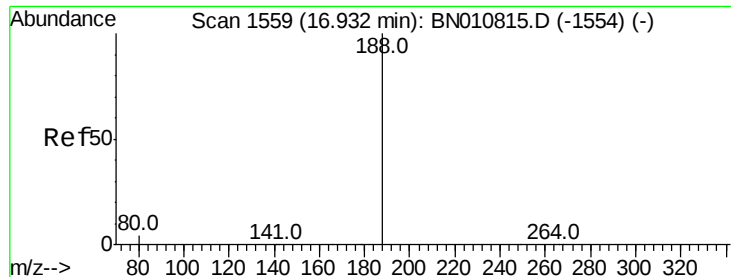
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010998.D
Acq: 20 Jun 2020 10:23

Tgt Ion:172 Resp: 6553
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.4 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: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

Instrument :

BNA_N

ClientSampleId :

REDUP06-20200616

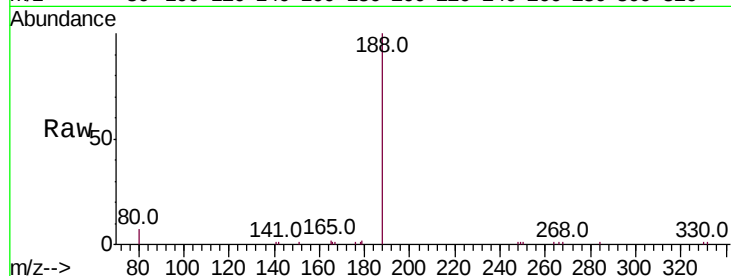
Tot Ion:188 Resp: 8999

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

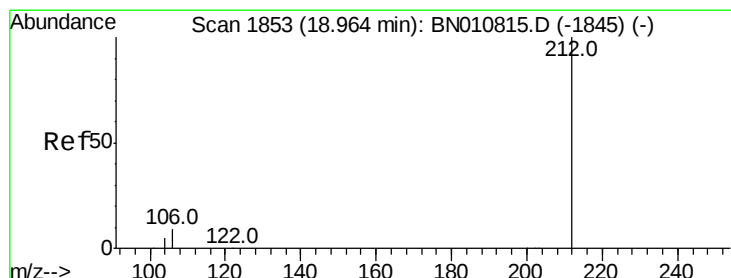
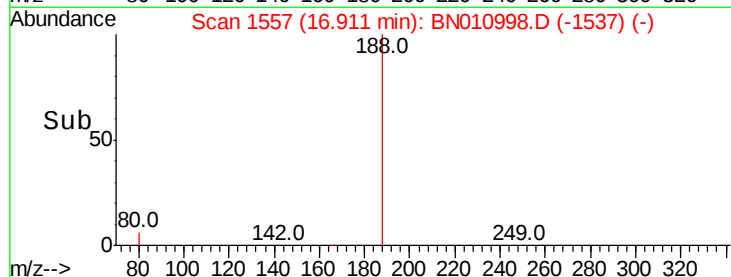
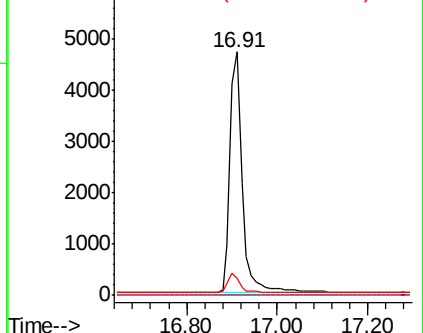
80 7.2 4.5 6.7#



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: 0.399 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

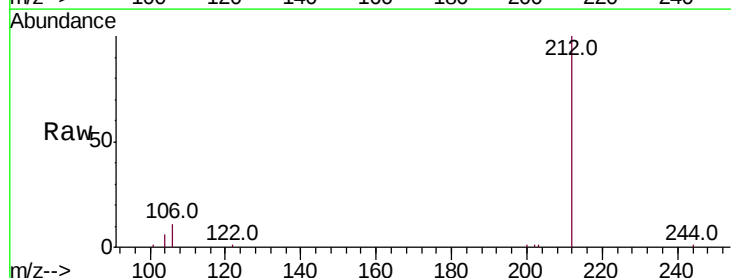
Tgt Ion:212 Resp: 9908

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

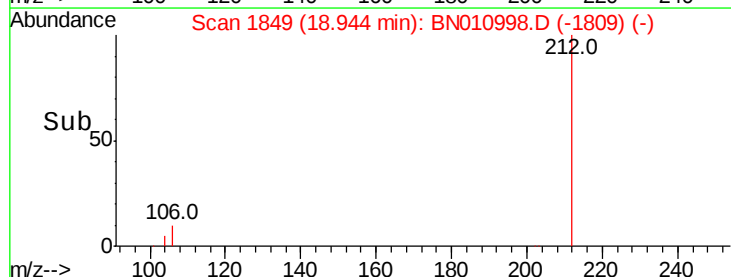
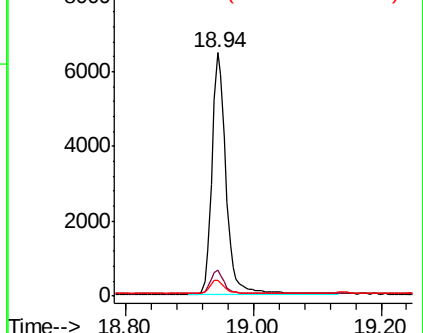
104 5.5 4.0 6.0

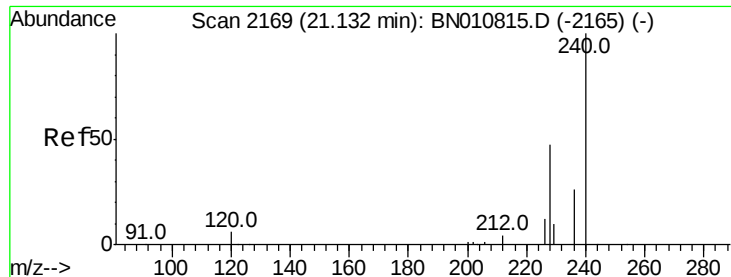


Abundance Ion 212.00 (211.70 to 212.70): E

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. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

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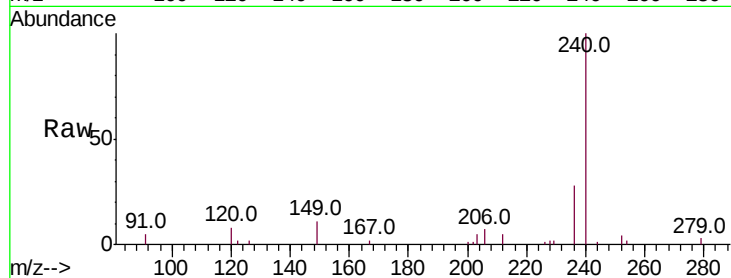
Tot Ion:240 Resp: 8182

Ion Ratio Lower Upper

240 100

120 7.8 7.5 11.3

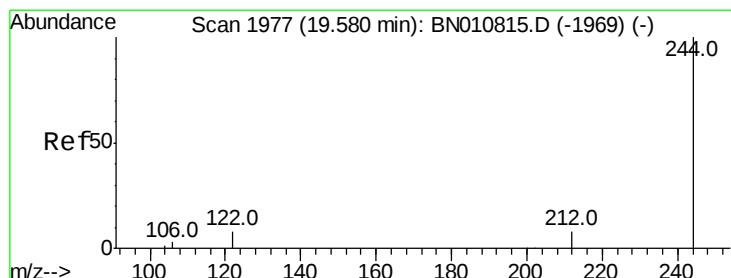
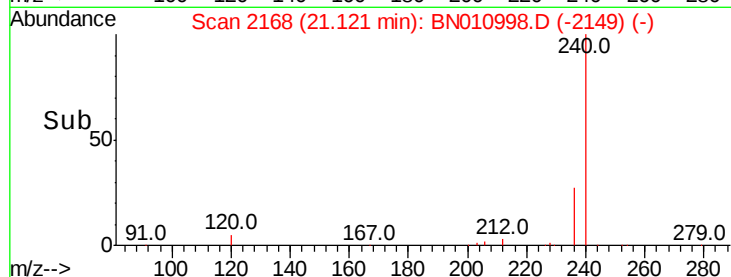
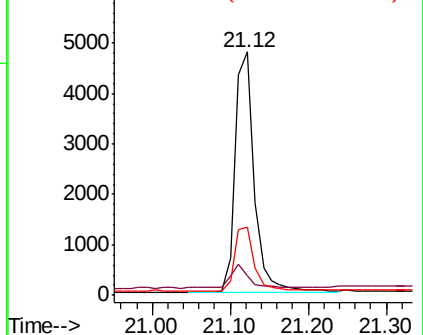
236 28.0 22.3 33.5



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: 0.603 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

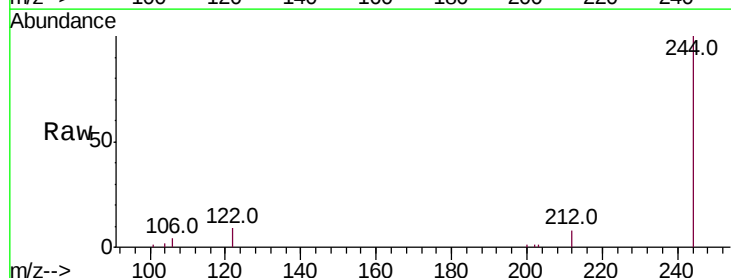
Tgt Ion:244 Resp: 11552

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

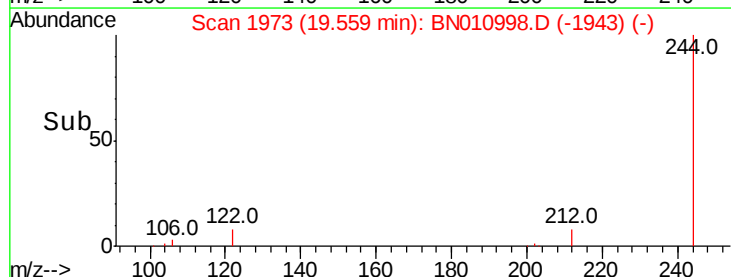
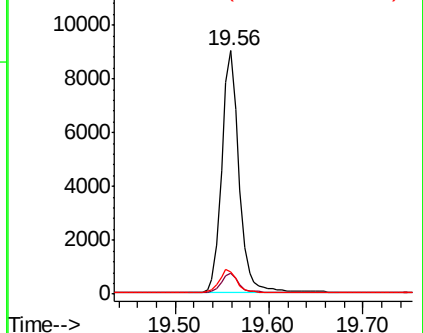
122 9.0 7.5 11.3

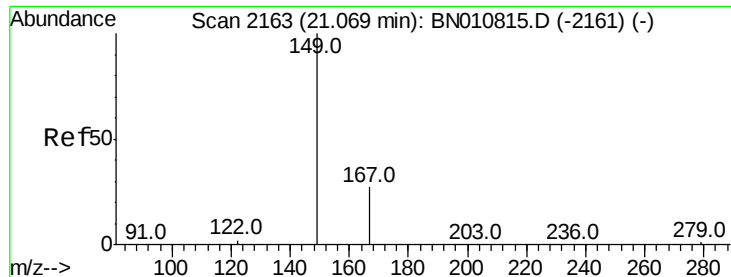


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.067 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

Instrument :

BNA_N

ClientSampleId :

REDUP06-20200616

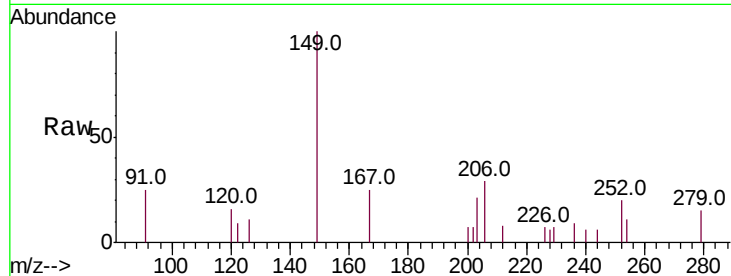
Tot Ion:149 Resp: 540

Ion Ratio Lower Upper

149 100

167 26.1 24.1 36.1

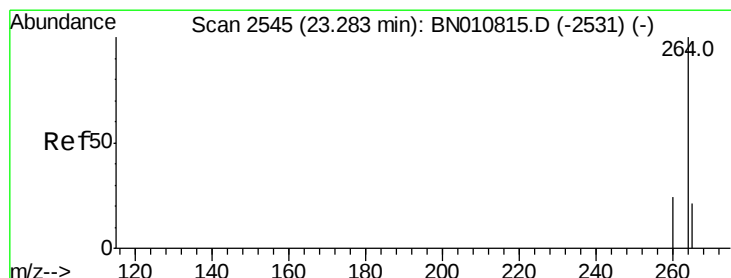
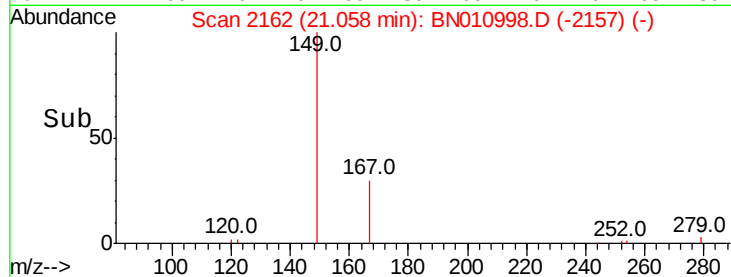
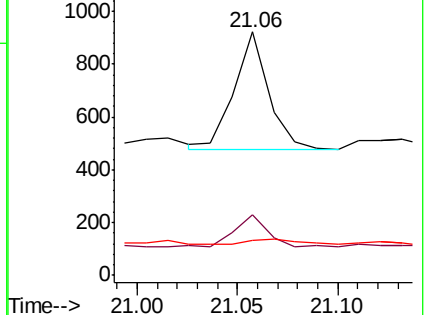
279 6.9 4.6 7.0



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: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN010998.D

Acq: 20 Jun 2020 10:23

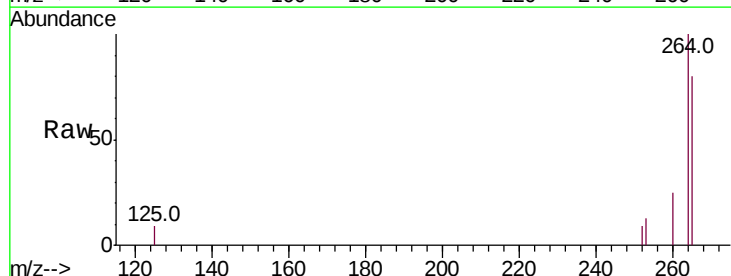
Tgt Ion:264 Resp: 7937

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 80.2 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

