

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010896.D
 Acq On : 16 Jun 2020 07:59
 Operator : CG/JU
 Sample : L2989-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 16 08:32:16 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

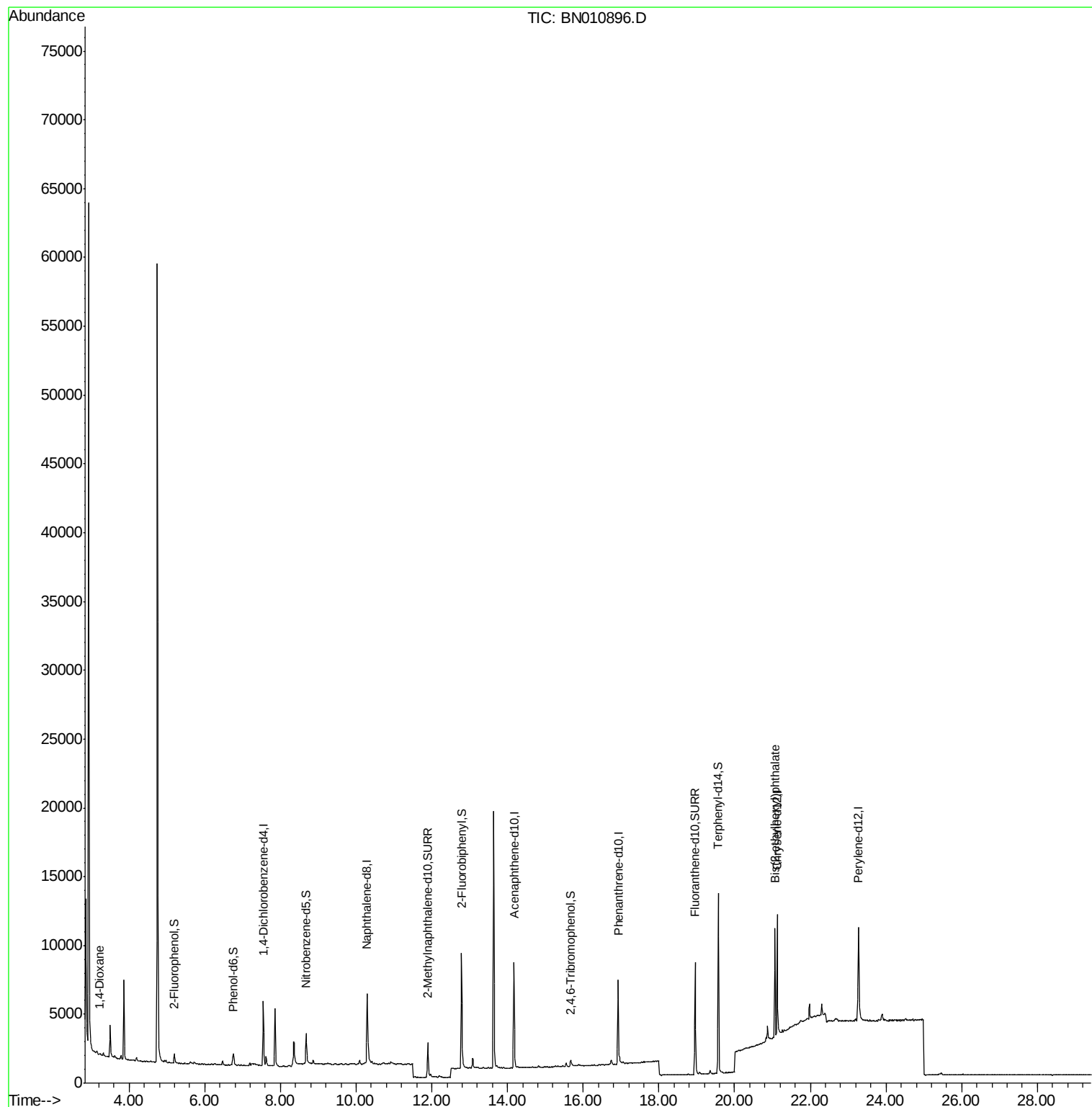
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2481	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8543	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4748	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10213	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9934	0.40	ng	-0.01
34) Perylene-d12	23.28	264	10087	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	706	0.15	ng	0.00
5) Phenol-d6	6.74	99	545	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2500	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4244	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	467	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	8291	0.44	ng	0.00
25) Fluoranthene-d10	18.96	212	10806	0.38	ng	0.00
29) Terphenyl-d14	19.57	244	13969	0.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	56	0.023	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.07	149	7020	0.721	ng	96

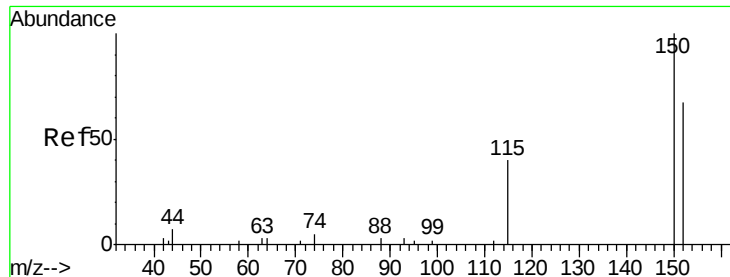
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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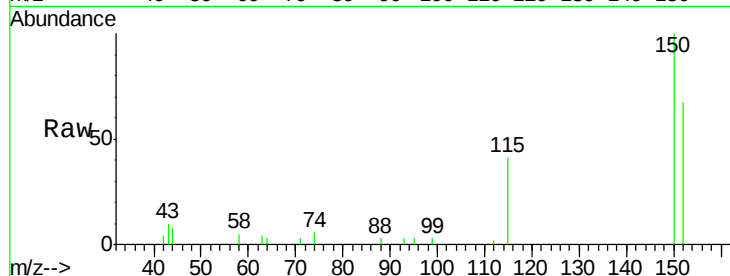


#1

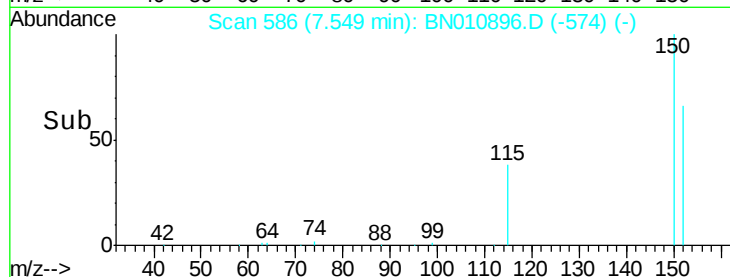
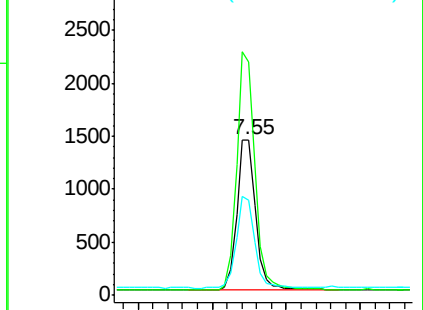
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010896.D
Acq: 16 Jun 2020 07:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 152 Resp: 2481
Ion Ratio Lower Upper
152 100
150 149.5 123.8 185.6
115 60.9 49.2 73.8



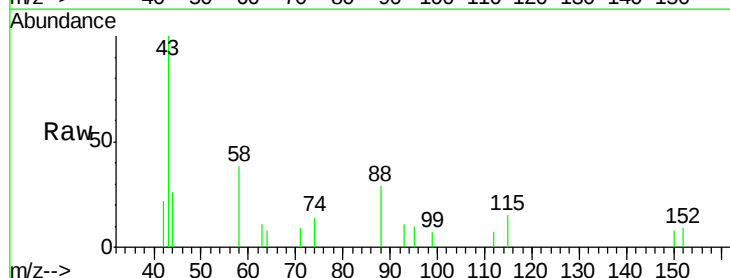
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



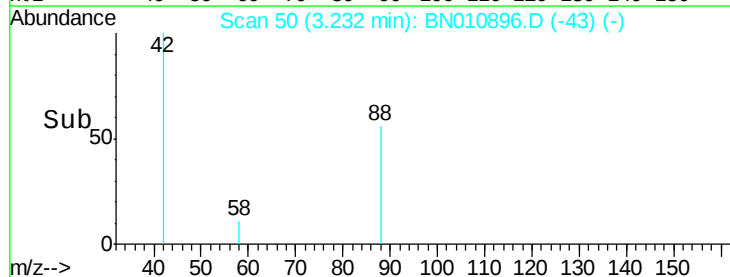
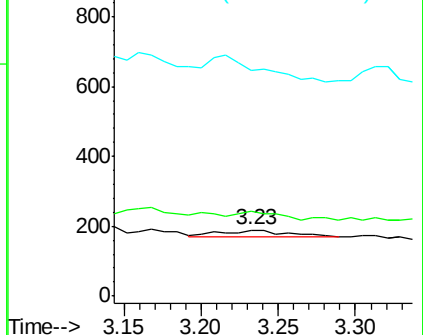
#2

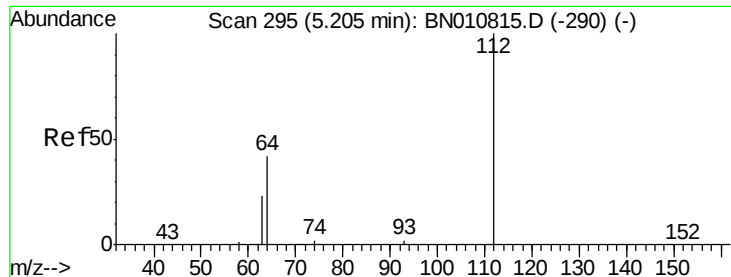
1,4-Dioxane
Concen: 0.023 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.01 min
Lab File: BN010896.D
Acq: 16 Jun 2020 07:59

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 89.3 38.2 57.4#
43 282.1 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: 0.147 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

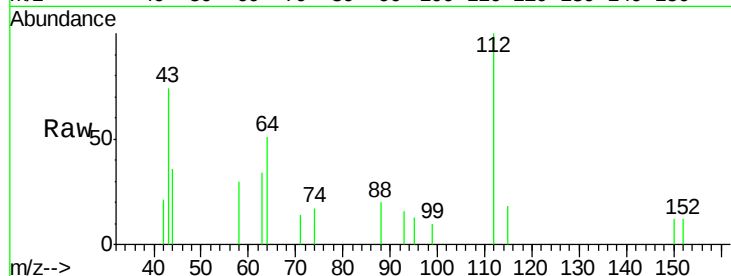
Tot Ion: 112 Resp: 706

Ion Ratio Lower Upper

112 100

64 48.9 37.4 56.0

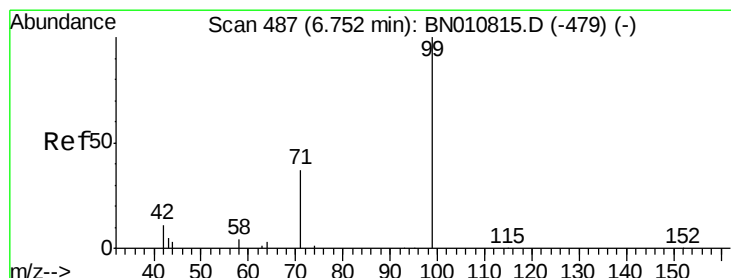
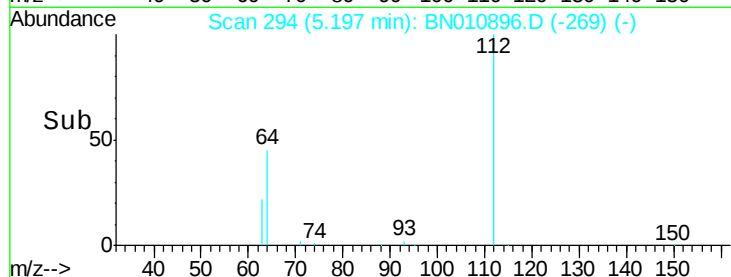
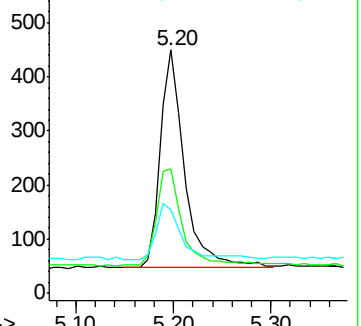
63 27.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.097 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

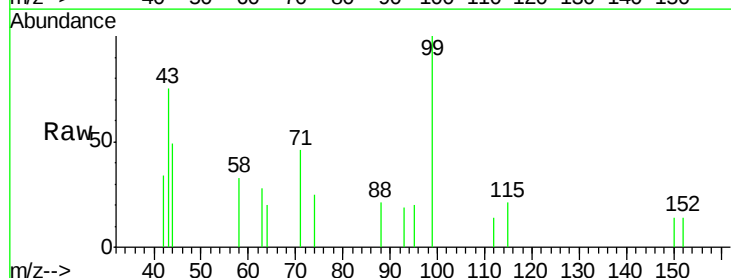
Tgt Ion: 99 Resp: 545

Ion Ratio Lower Upper

99 100

42 23.5 11.1 16.7#

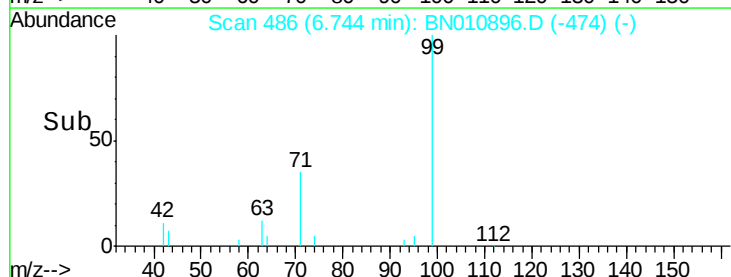
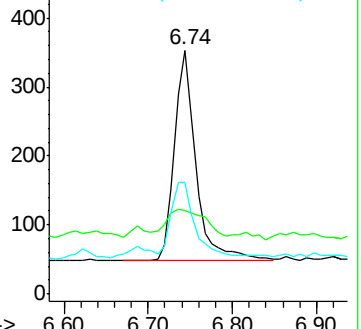
71 36.7 31.4 47.2

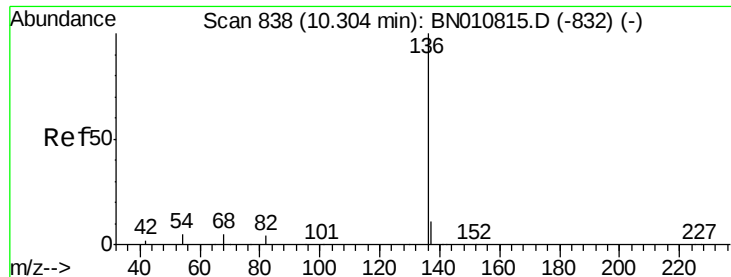


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 8543

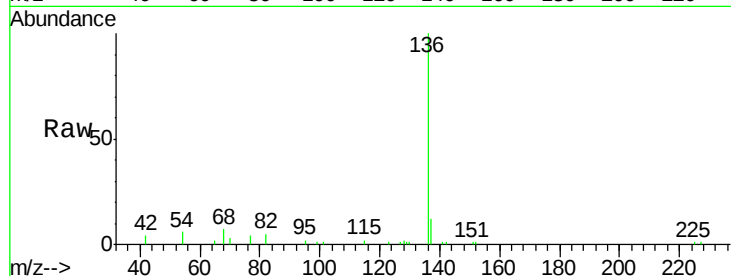
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 6.3 4.9 7.3

68 7.2 4.7 7.1#

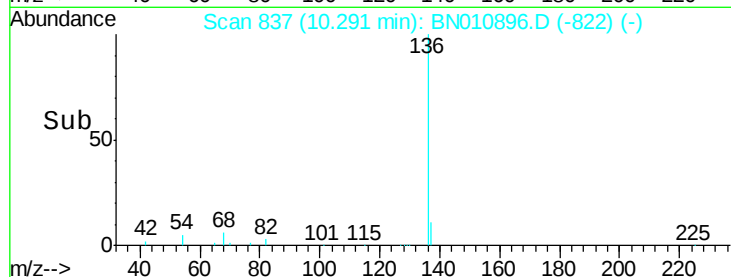


Abundance Ion 136.00 (135.70 to 136.70): E

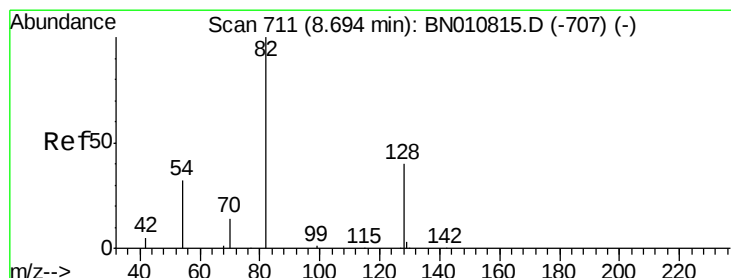
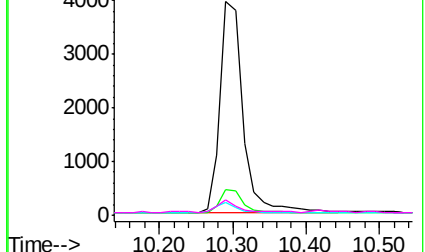
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.395 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

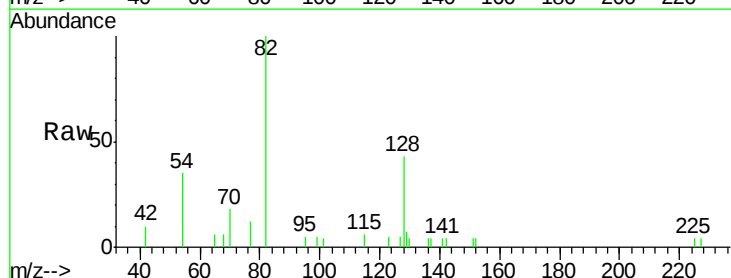
Tgt Ion: 82 Resp: 2500

Ion Ratio Lower Upper

82 100

128 43.2 35.4 53.0

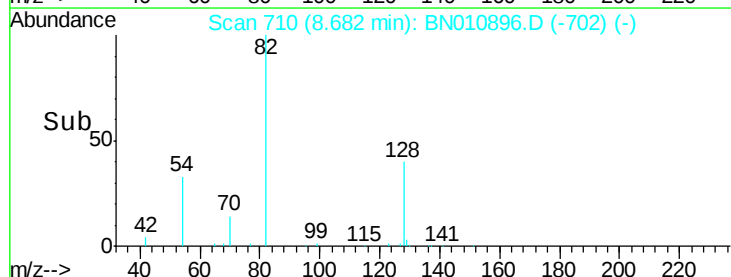
54 35.2 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

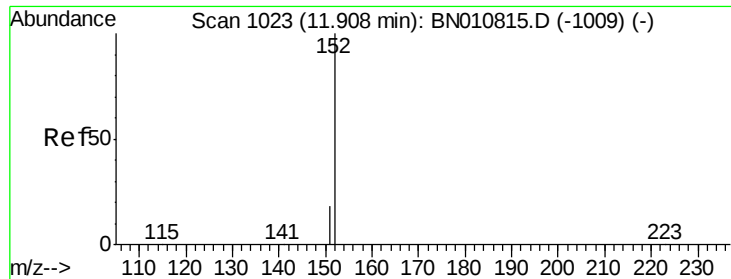
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->

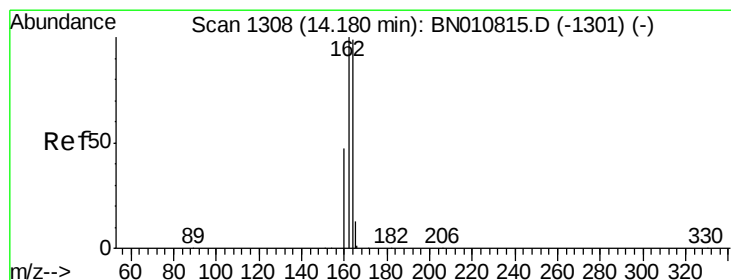
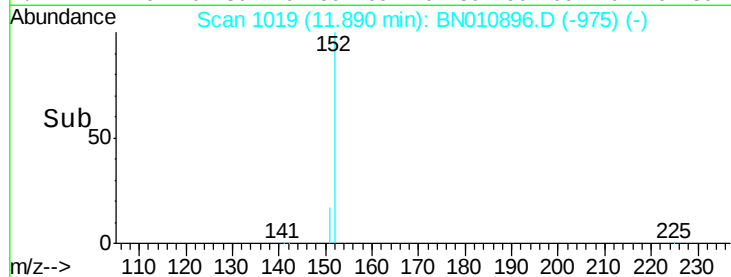
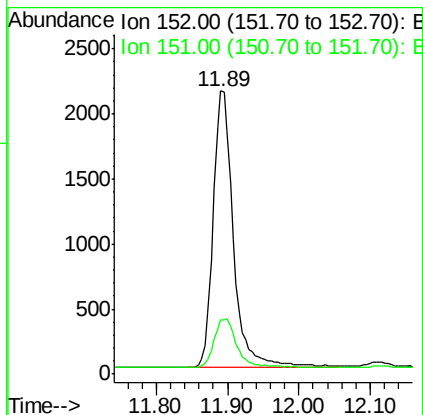
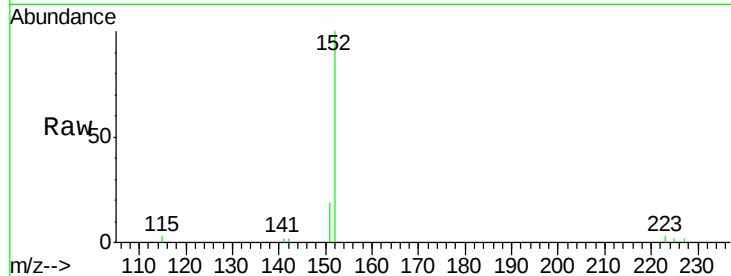




#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010896.D
Acq: 16 Jun 2020 07:59

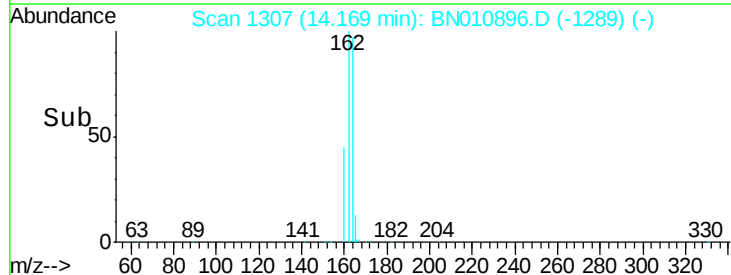
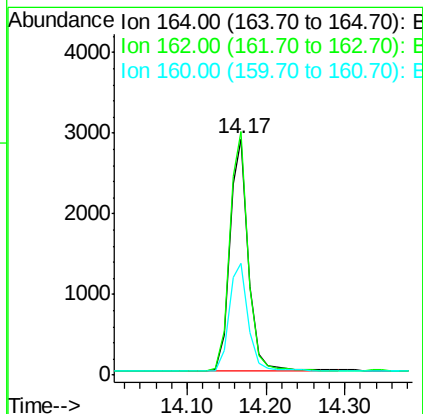
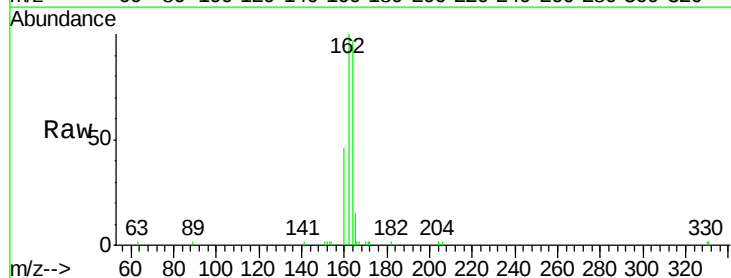
Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4244
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN010896.D
Acq: 16 Jun 2020 07:59

Tgt Ion:164 Resp: 4748
Ion Ratio Lower Upper
164 100
162 103.1 81.0 121.6
160 47.6 38.9 58.3

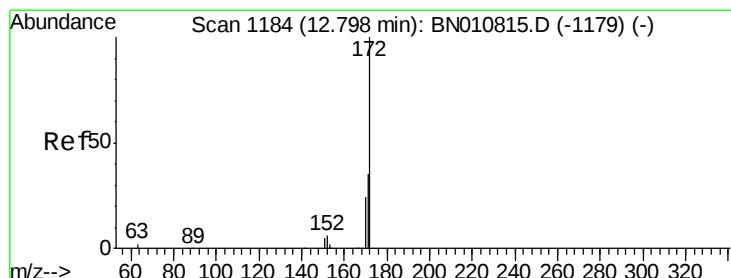
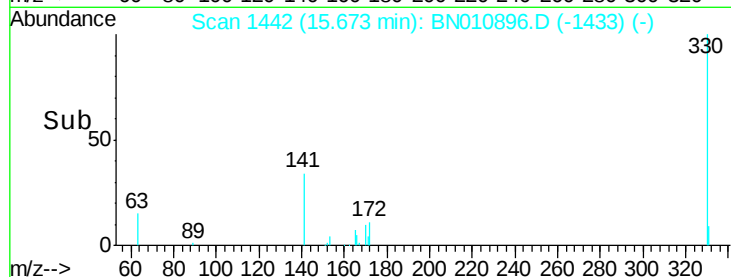
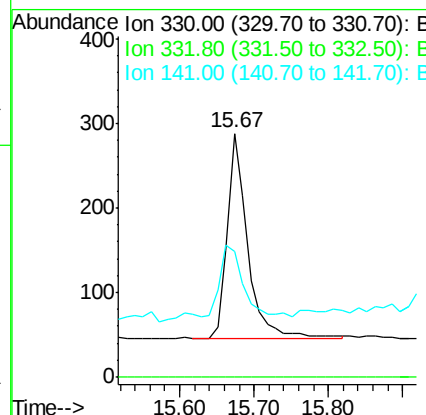
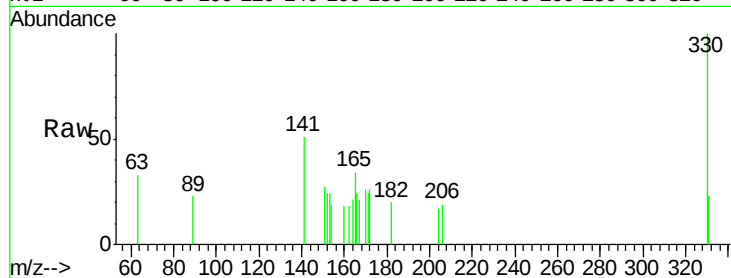




#14
 2,4,6-Tribromophenol
 Concen: 0.275 ng
 RT: 15.67 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BN010896.D
 Acq: 16 Jun 2020 07:59

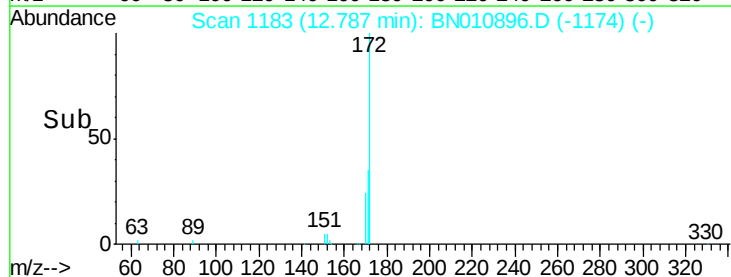
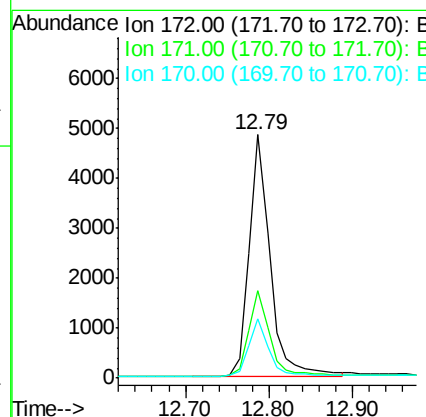
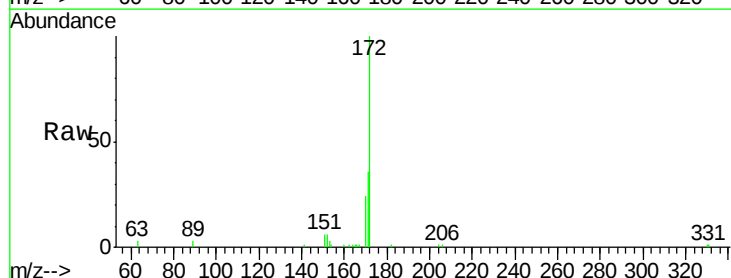
Instrument :
 BNA_N
 ClientSampleId :

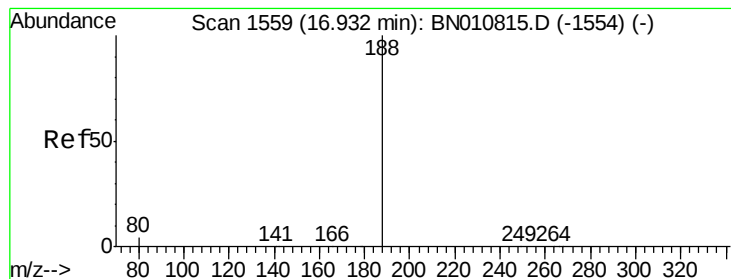
Tot Ion:330 Resp: 467
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.3 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.443 ng
 RT: 12.79 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BN010896.D
 Acq: 16 Jun 2020 07:59

Tgt Ion:172 Resp: 8291
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.4 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: BN010896.D

Acq: 16 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

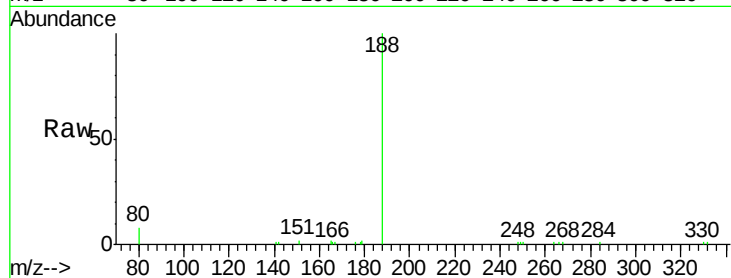
Tot Ion:188 Resp: 10213

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

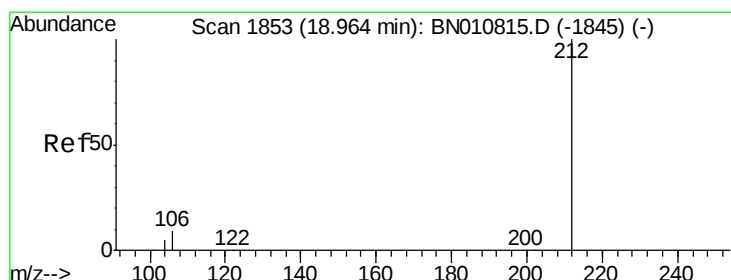
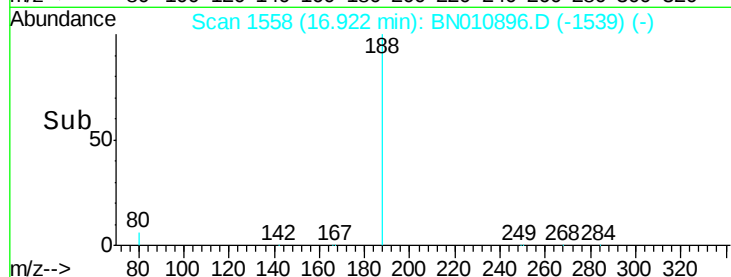
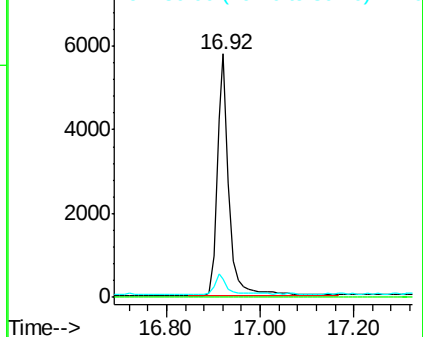
80 7.6 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

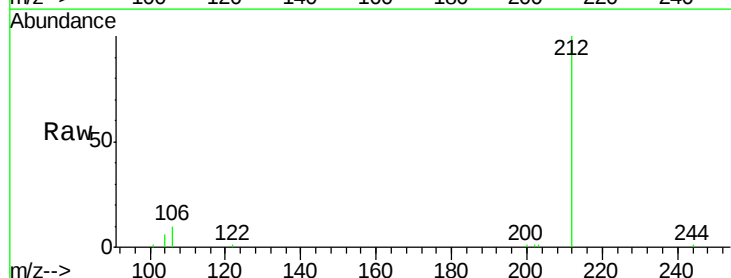
Tgt Ion:212 Resp: 10806

Ion Ratio Lower Upper

212 100

106 9.8 6.6 10.0

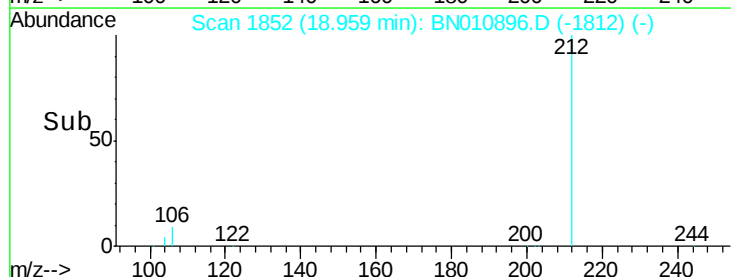
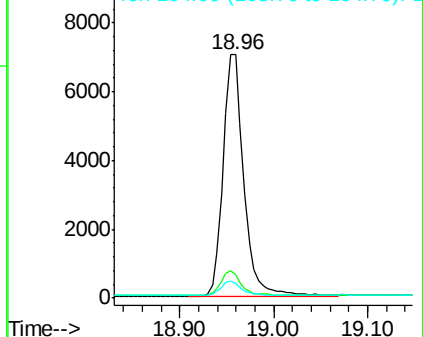
104 6.0 4.0 6.0



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. -0.01 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

Instrument :

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ClientSampleId :

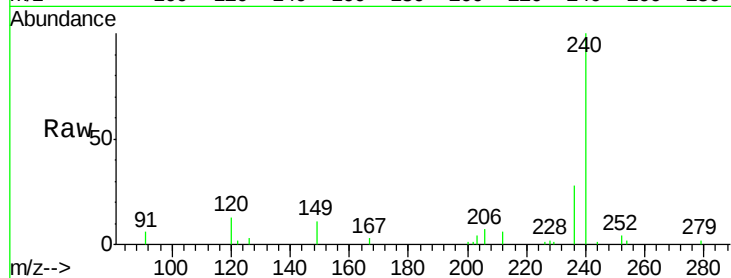
Tot Ion:240 Resp: 9934

Ion Ratio Lower Upper

240 100

120 13.0 7.5 11.3#

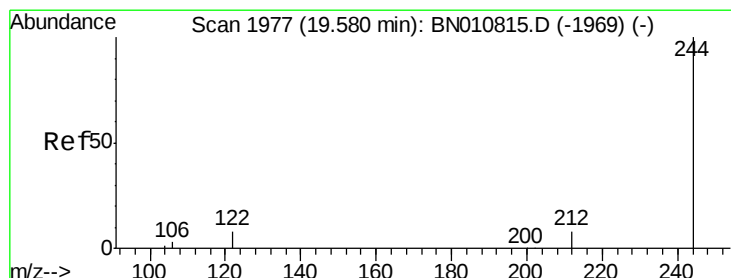
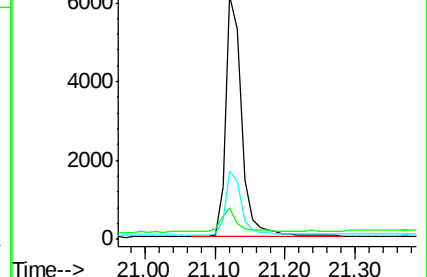
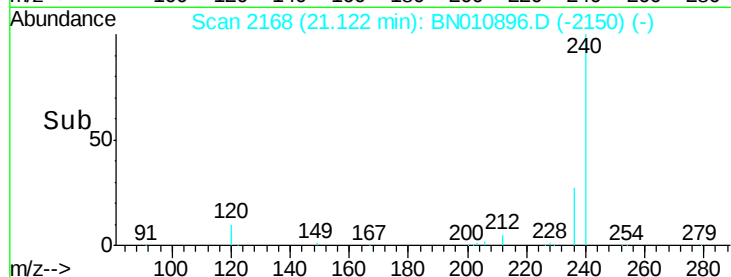
236 28.1 22.3 33.5



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



#29

Terphenyl-d14

Concen: 0.601 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

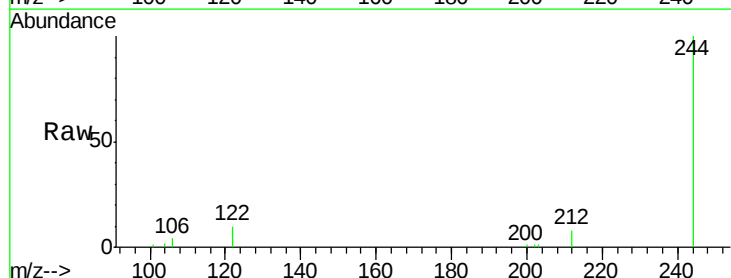
Tgt Ion:244 Resp: 13969

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

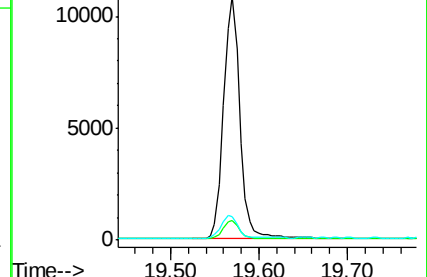
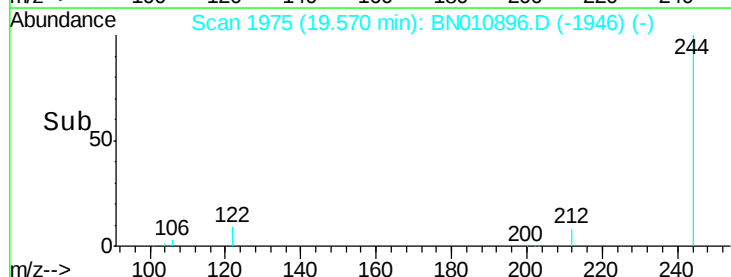
122 9.7 7.5 11.3

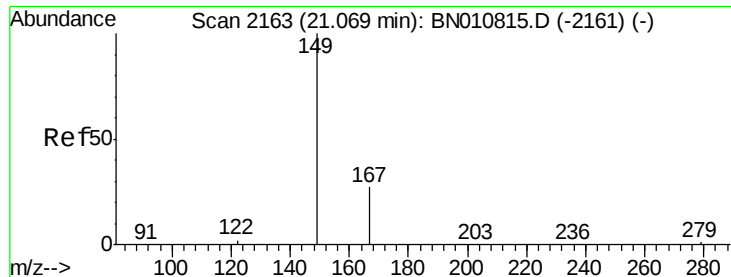


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.721 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

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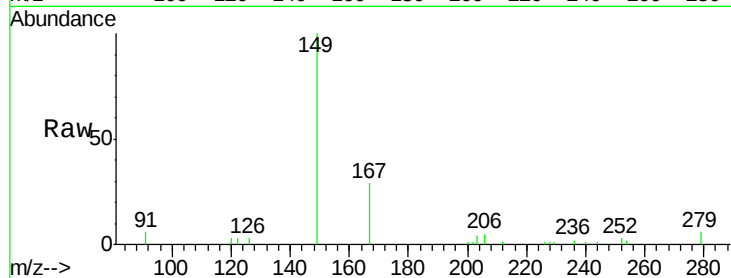
Tot Ion:149 Resp: 7020

Ion Ratio Lower Upper

149 100

167 28.0 24.1 36.1

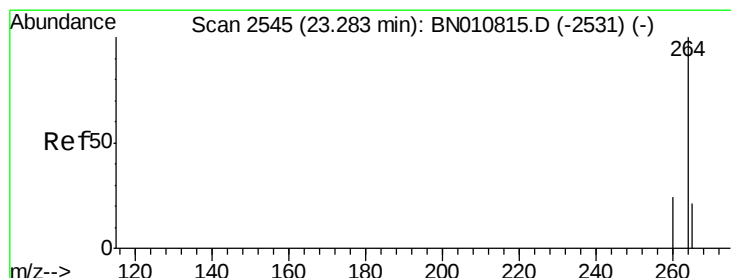
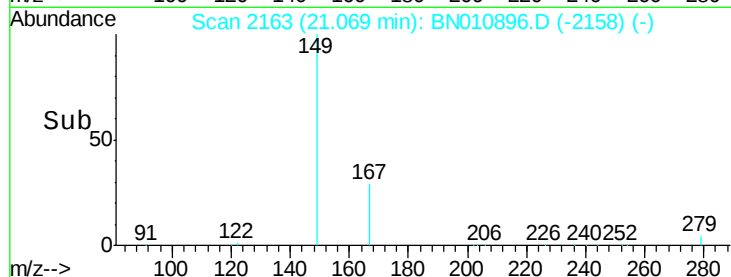
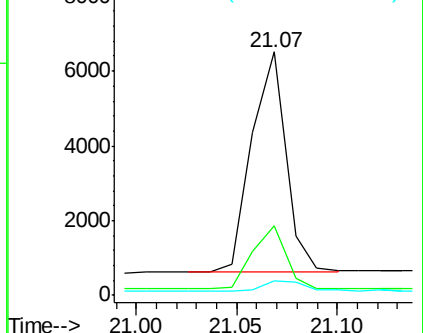
279 4.9 4.6 7.0



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: 23.28 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BN010896.D

Acq: 16 Jun 2020 07:59

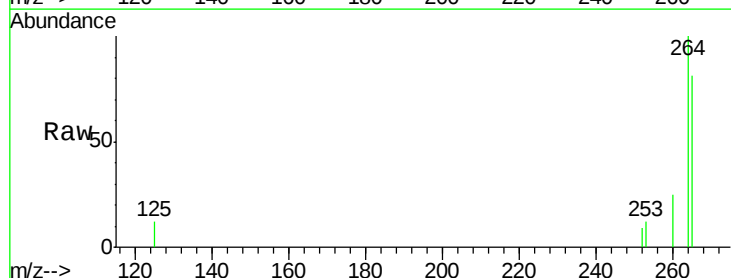
Tgt Ion:264 Resp: 10087

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 81.4 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

