

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010893.D
 Acq On : 16 Jun 2020 06:12
 Operator : CG/JU
 Sample : L2989-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20200610

Quant Time: Jun 16 06:59:12 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

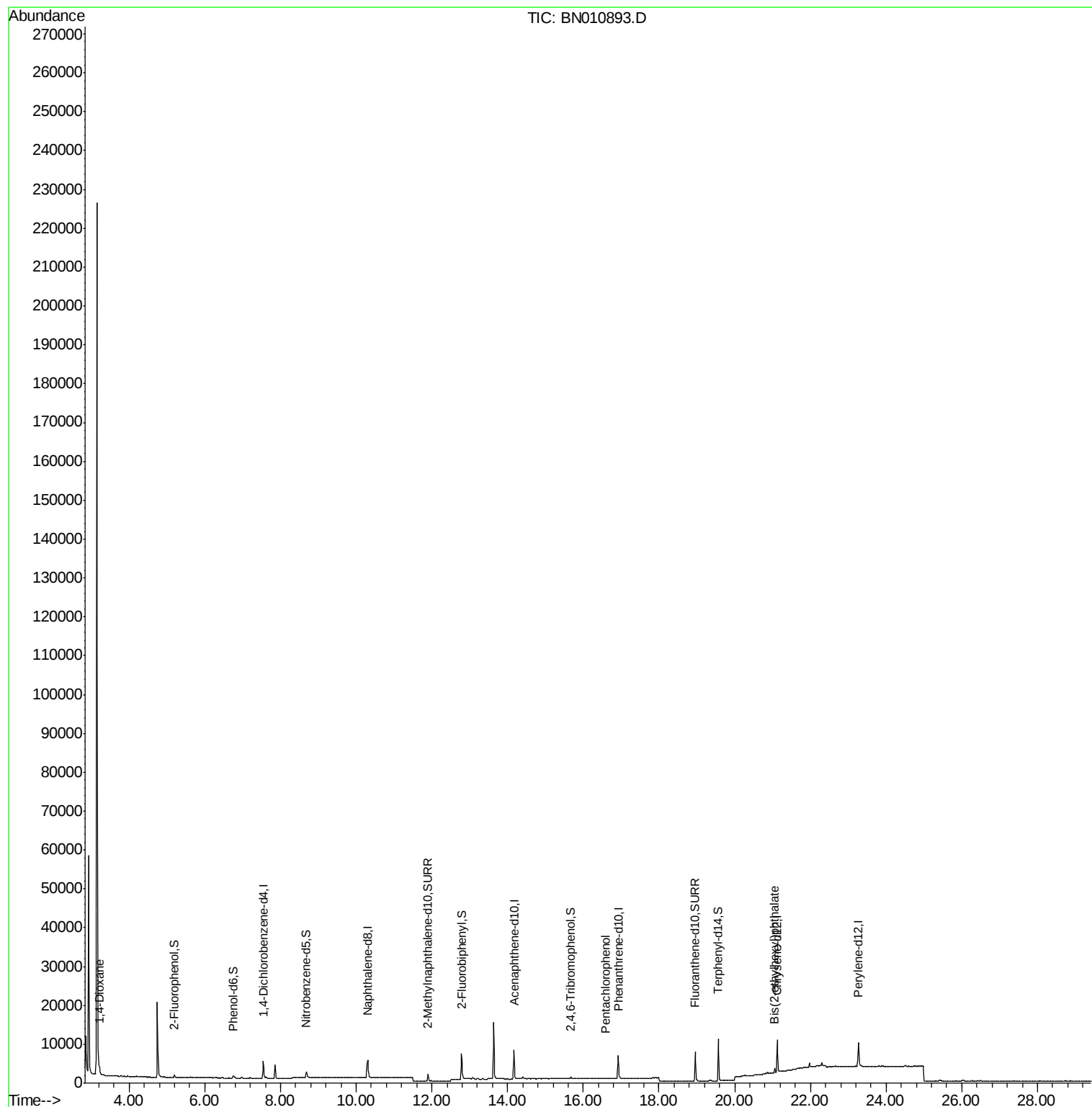
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2364	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8232	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4518	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9029	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8584	0.40	ng	-0.01
34) Perylene-d12	23.27	264	8930	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	754	0.17	ng	0.00
5) Phenol-d6	6.74	99	528	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2093	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	3799	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	590	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	6978	0.39	ng	0.00
25) Fluoranthene-d10	18.95	212	9881	0.40	ng	0.00
29) Terphenyl-d14	19.57	244	12054	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	830	0.358	ng	# 89
22) Pentachlorophenol	16.59	266	71	0.037	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.06	149	1171	0.139	ng	# 98

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

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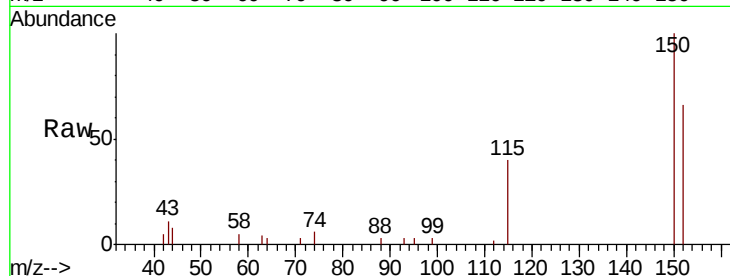


#1

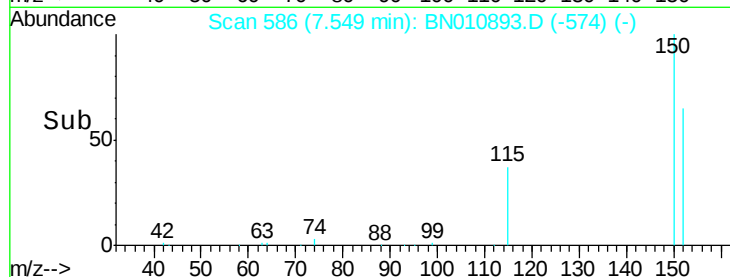
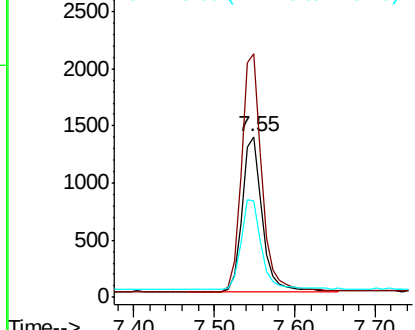
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

Instrument :
BNA_N
ClientSampleId :
RE103D3-20200610

Tot Ion:152 Resp: 2364
Ion Ratio Lower Upper
152 100
150 151.5 123.8 185.6
115 60.1 49.2 73.8



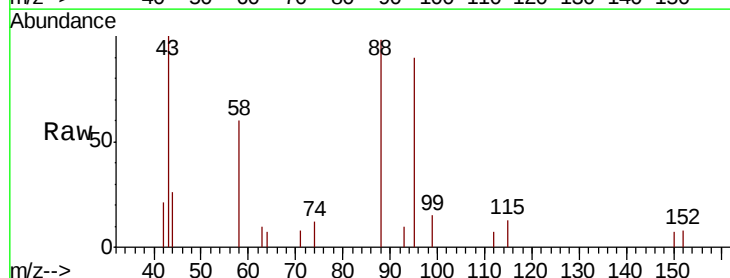
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



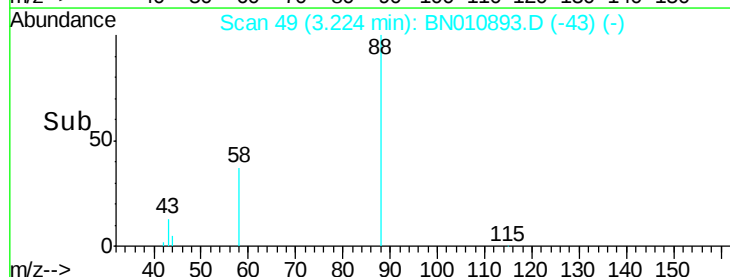
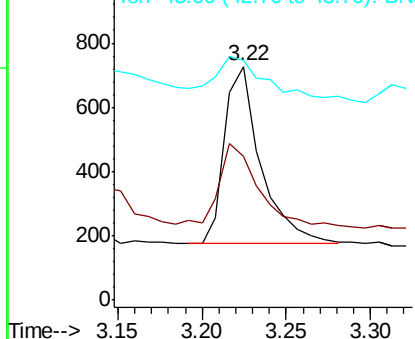
#2

1,4-Dioxane
Concen: 0.358 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

Tgt Ion: 88 Resp: 830
Ion Ratio Lower Upper
88 100
58 48.6 38.2 57.4
43 34.6 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: 0.165 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

Instrument :

BNA_N

ClientSampleId :

RE103D3-20200610

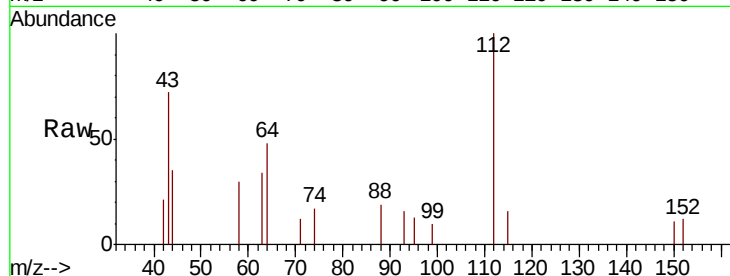
Tot Ion: 112 Resp: 754

Ion Ratio Lower Upper

112 100

64 44.4 37.4 56.0

63 23.2 22.2 33.4



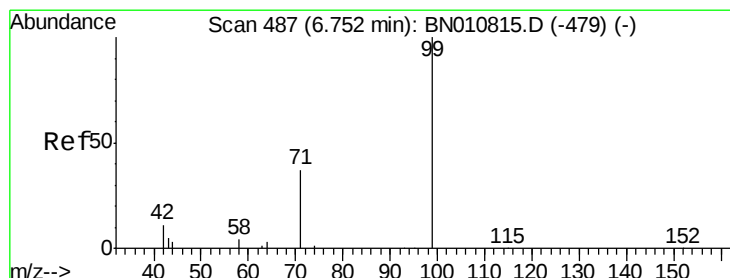
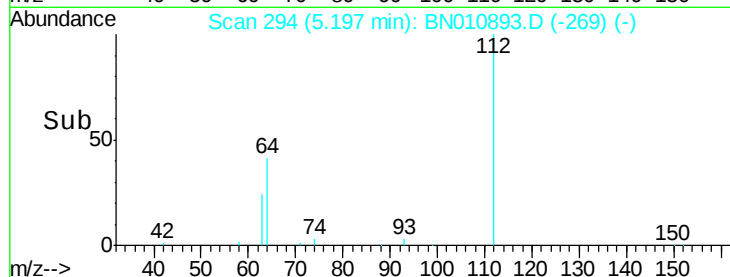
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.20

Time-->



#5

Phenol-d6

Concen: 0.098 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

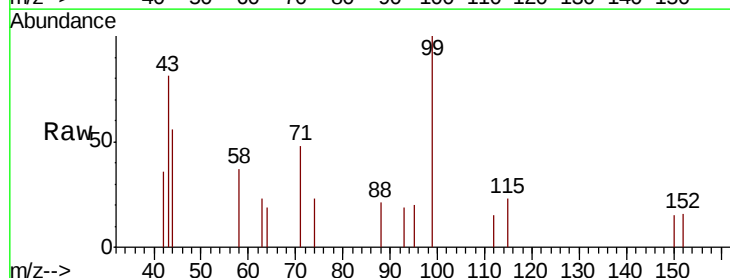
Tgt Ion: 99 Resp: 528

Ion Ratio Lower Upper

99 100

42 18.8 11.1 16.7#

71 40.9 31.4 47.2



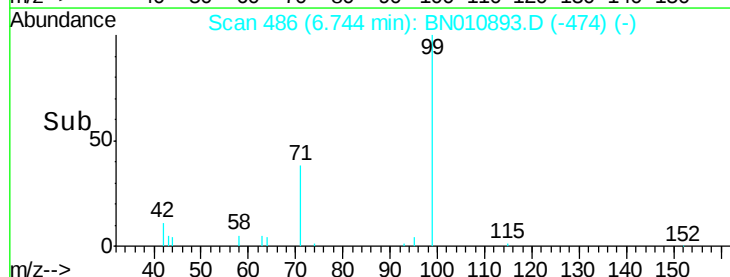
Abundance Ion 99.00 (98.70 to 99.70): B

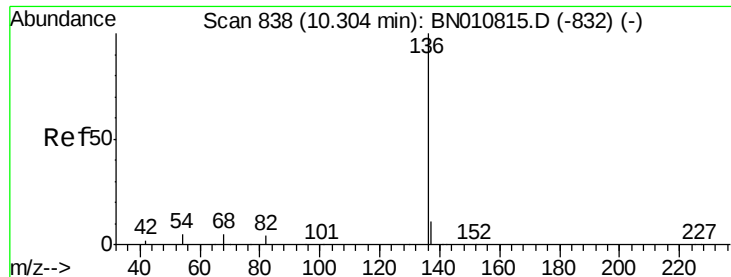
Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.74

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

Instrument :

BNA_N

ClientSampleId :

RE103D3-20200610

Tot Ion:136 Resp: 8232

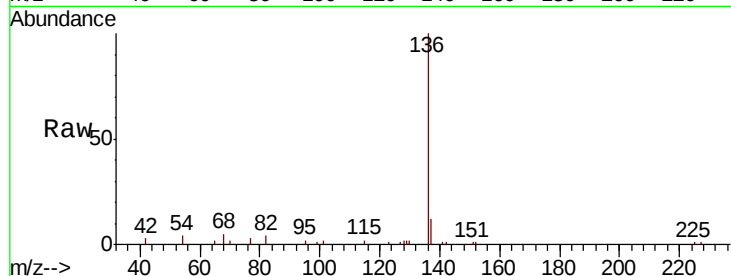
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 4.2 4.9 7.3#

68 4.9 4.7 7.1

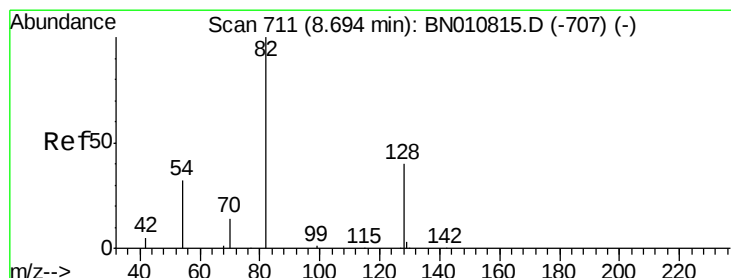
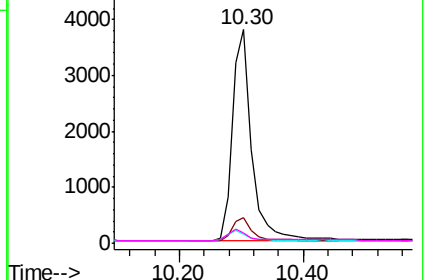
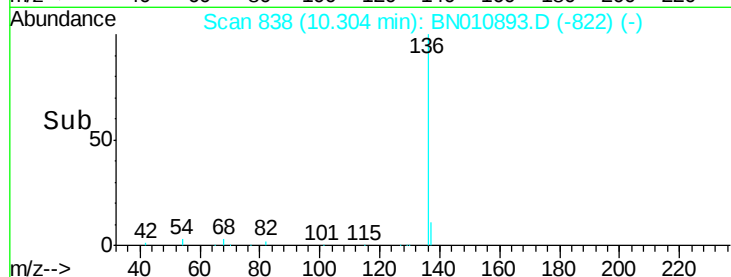


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.344 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

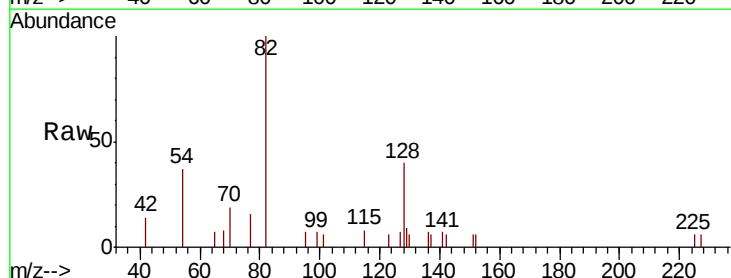
Tgt Ion: 82 Resp: 2093

Ion Ratio Lower Upper

82 100

128 40.2 35.4 53.0

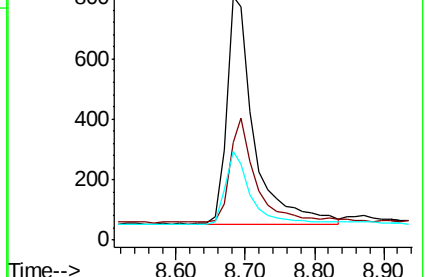
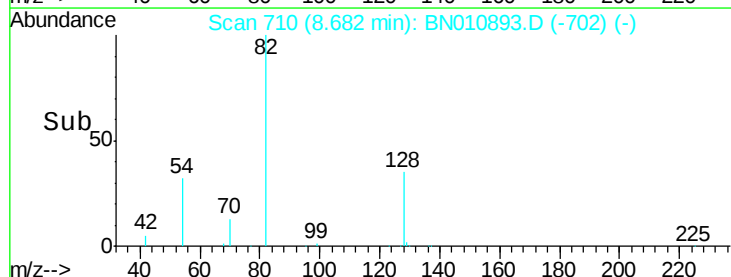
54 36.6 28.2 42.4

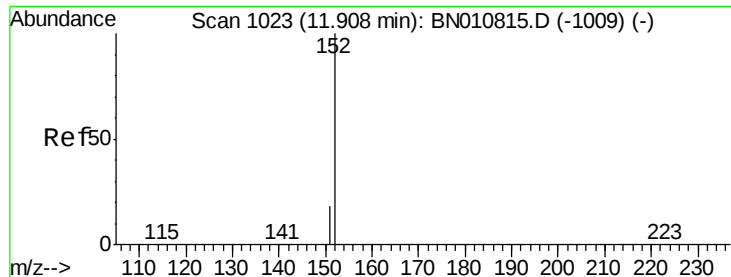


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

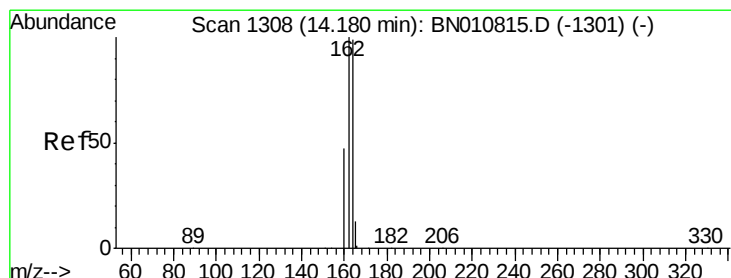
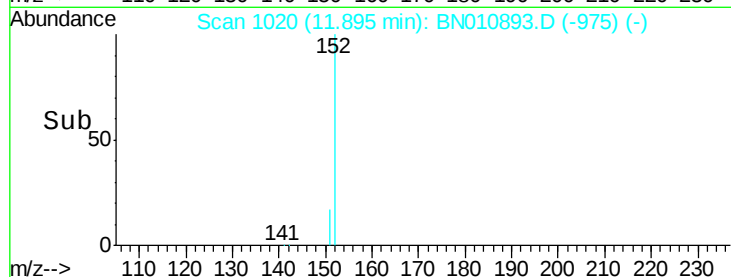
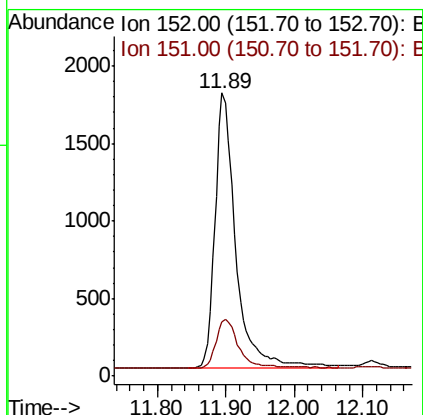
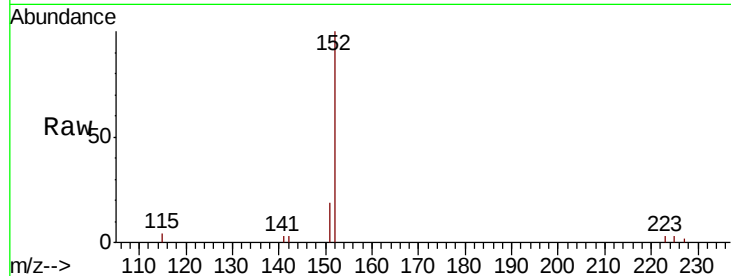




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 11.89 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

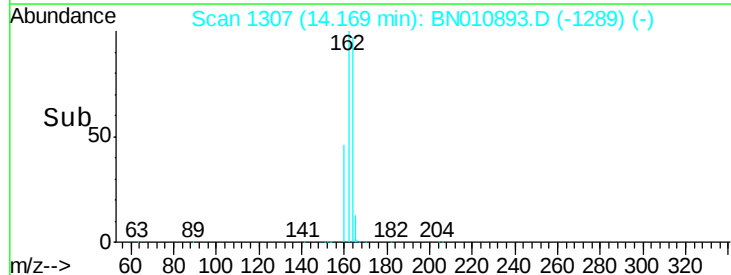
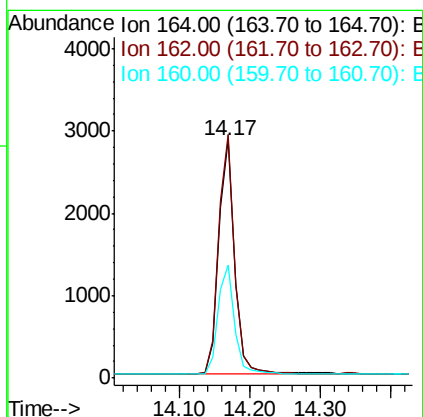
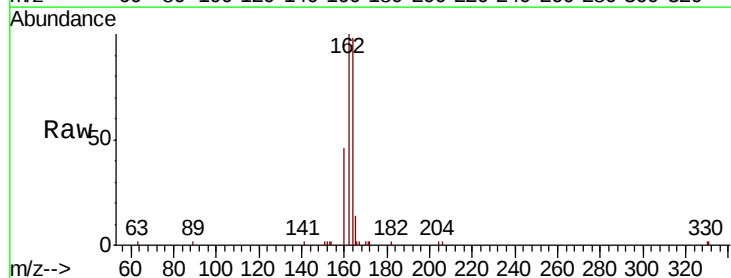
Instrument :
BNA_N
ClientSampleId :
RE103D3-20200610

Tot Ion:152 Resp: 3799
Ion Ratio Lower Upper
152 100
151 18.8 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: BN010893.D
Acq: 16 Jun 2020 06:12

Tgt Ion:164 Resp: 4518
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.6
160 47.6 38.9 58.3

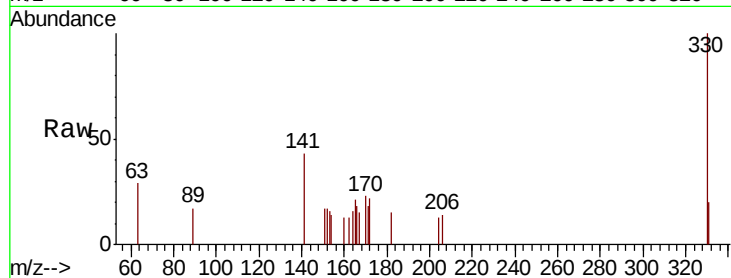




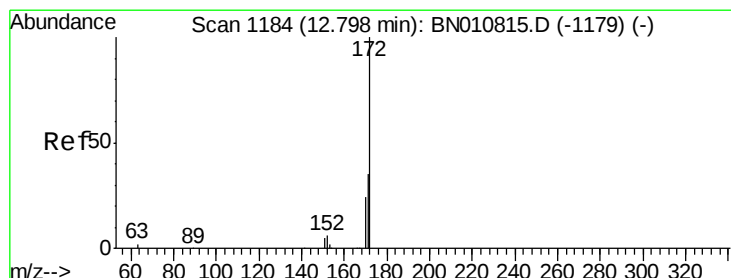
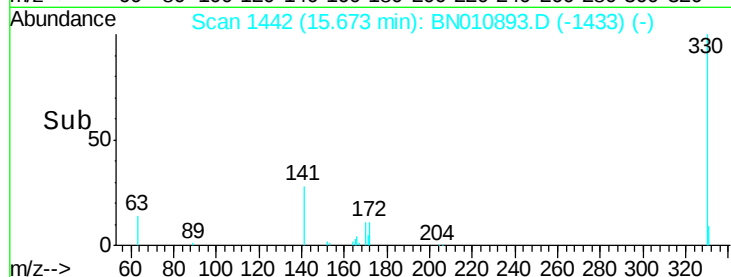
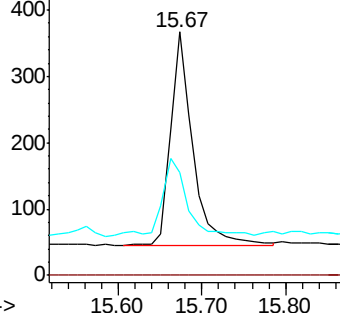
#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

Instrument :
BNA_N
ClientSampleId :
RE103D3-20200610

Tot Ion:330 Resp: 590
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.5 33.2 49.8

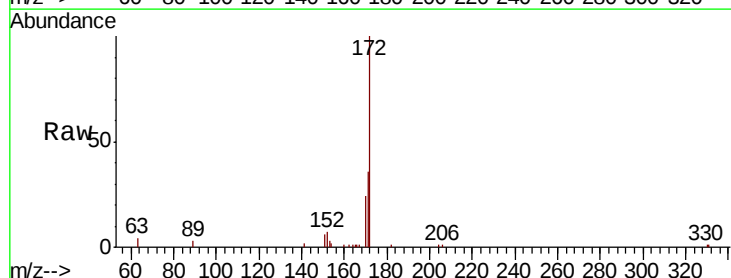


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

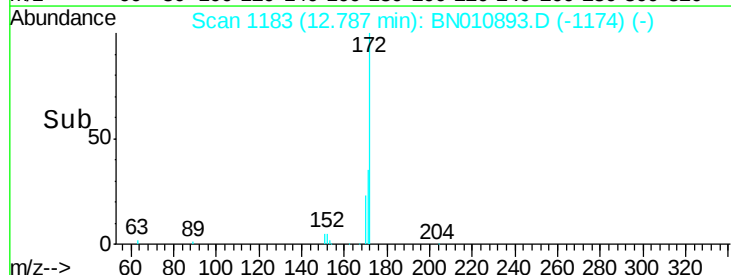
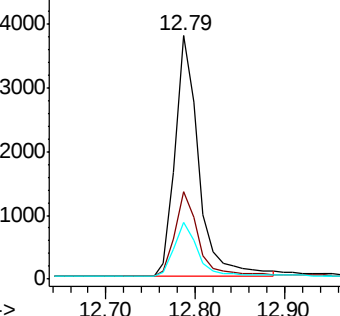


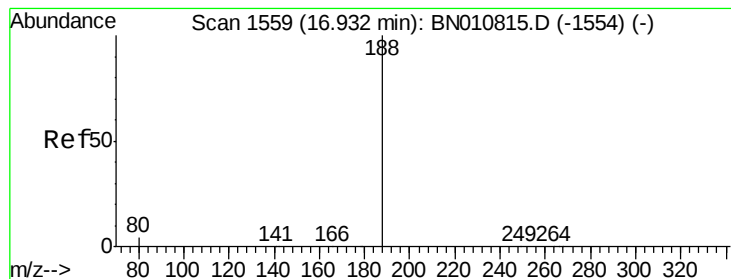
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

Tgt Ion:172 Resp: 6978
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 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: 16.92 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

Instrument :

BNA_N

ClientSampleId :

RE103D3-20200610

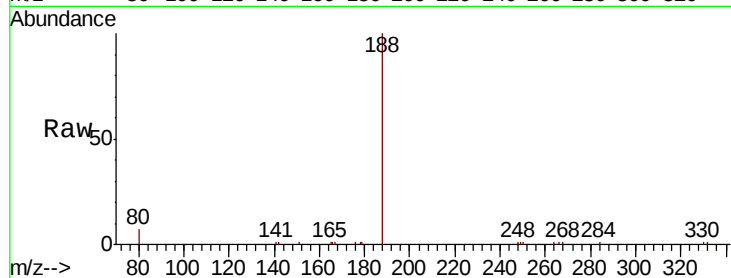
Tot Ion:188 Resp: 9029

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

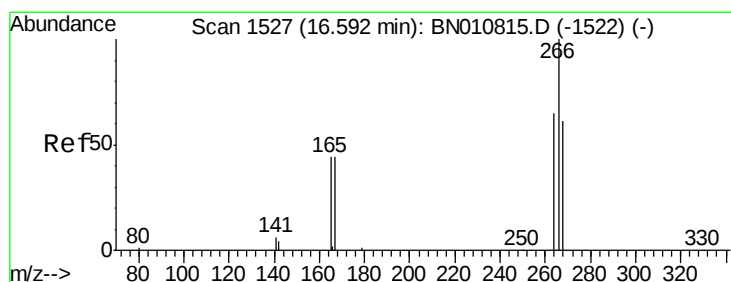
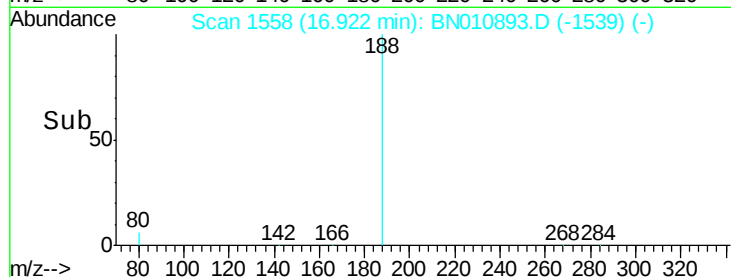
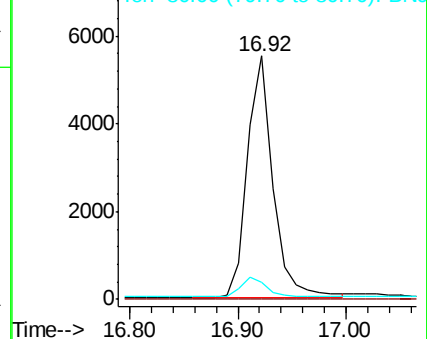
80 7.2 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#22

Pentachlorophenol

Concen: 0.037 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

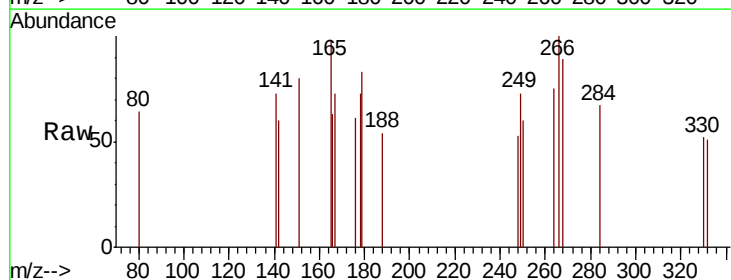
Tgt Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 75.3 54.8 82.2

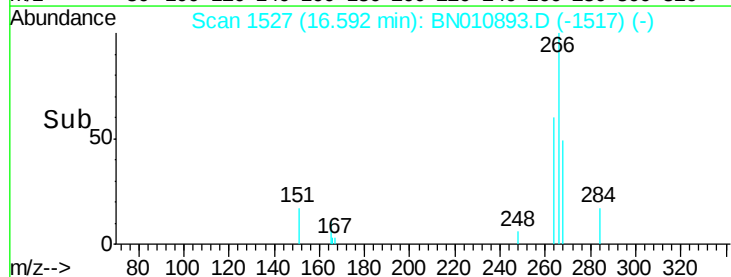
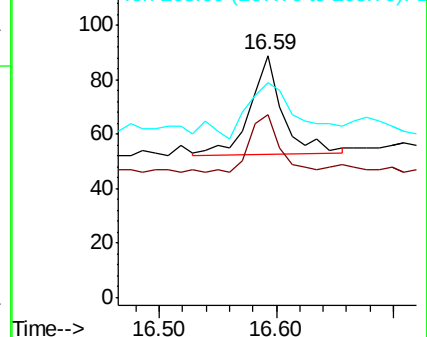
268 88.8 55.9 83.9#

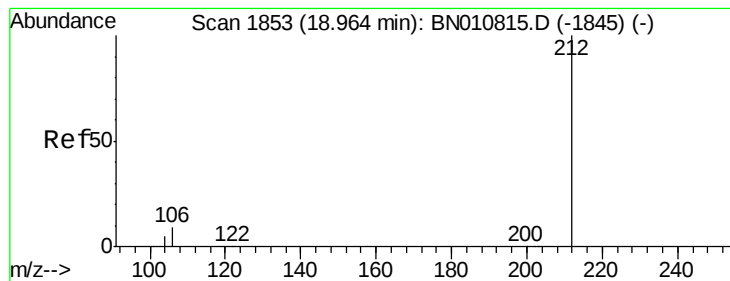


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

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RE103D3-20200610

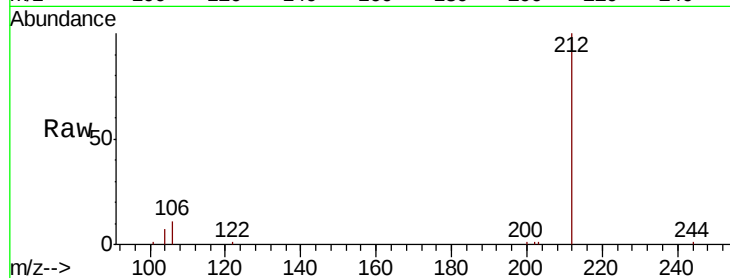
Tot Ion:212 Resp: 9881

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

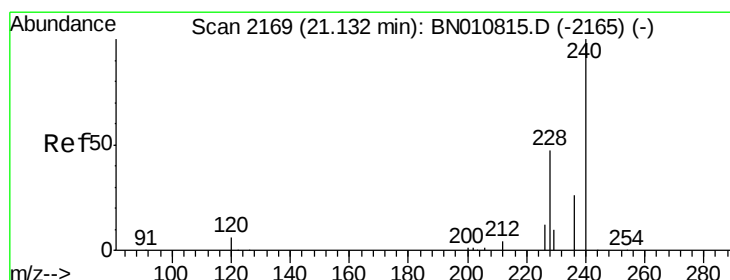
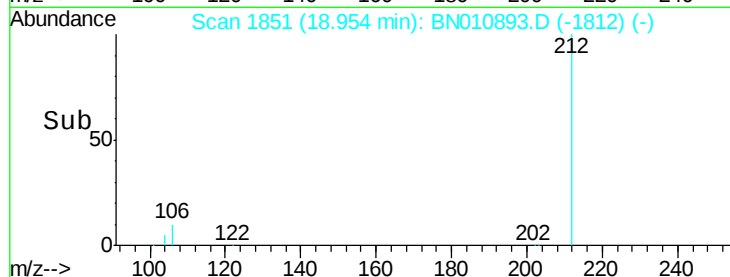
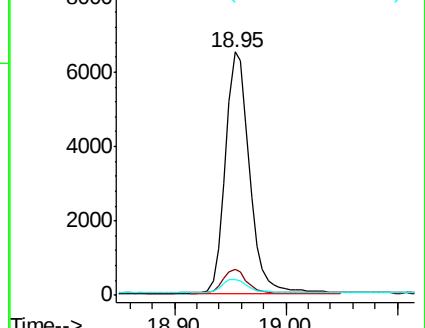
104 5.8 4.0 6.0



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

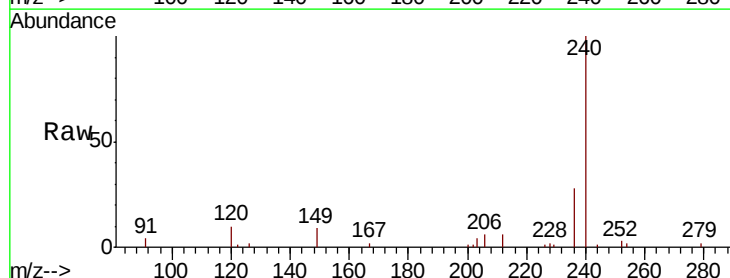
Tgt Ion:240 Resp: 8584

Ion Ratio Lower Upper

240 100

120 10.3 7.5 11.3

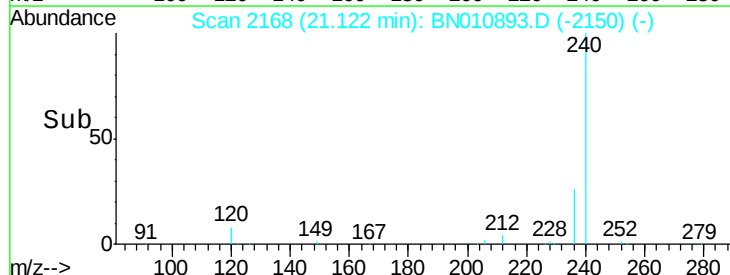
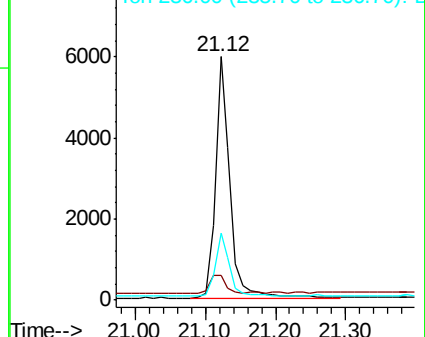
236 27.6 22.3 33.5

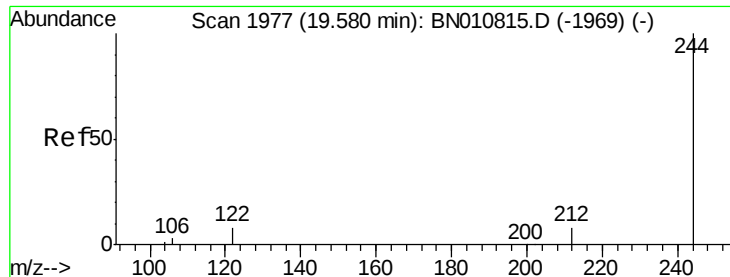


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.600 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

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BNA_N

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RE103D3-20200610

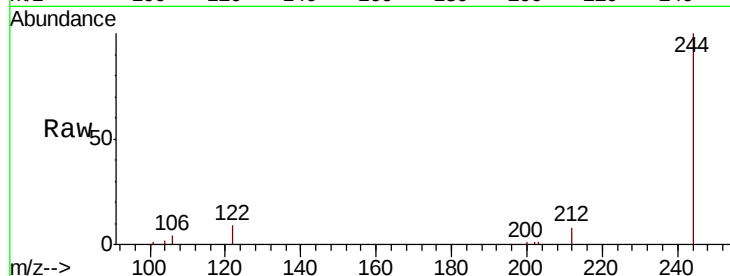
Tot Ion:244 Resp: 12054

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

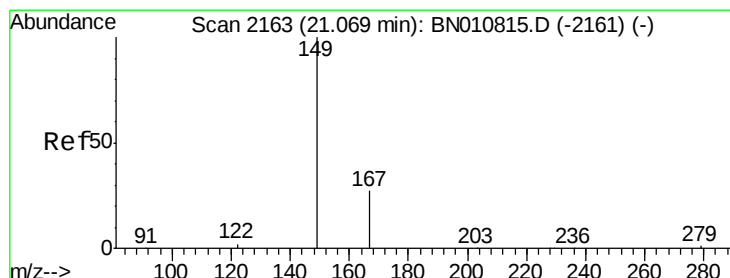
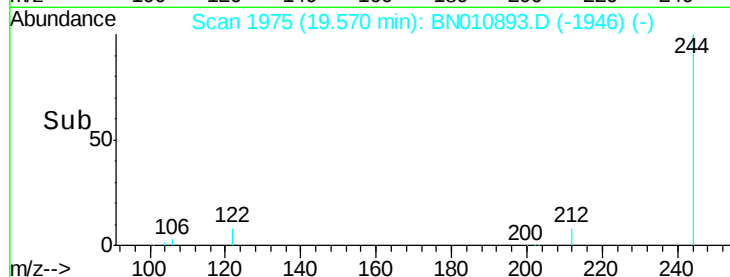
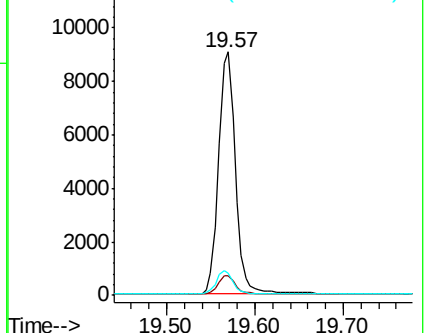
122 9.0 7.5 11.3



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: 0.139 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

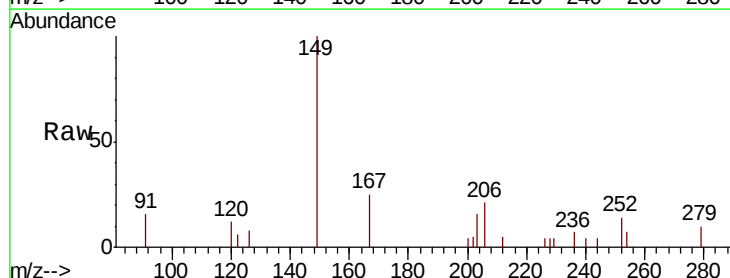
Tgt Ion:149 Resp: 1171

Ion Ratio Lower Upper

149 100

167 29.0 24.1 36.1

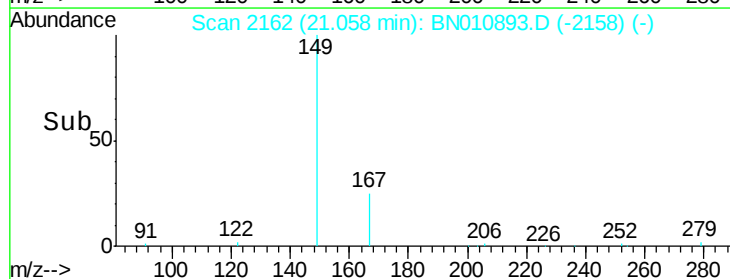
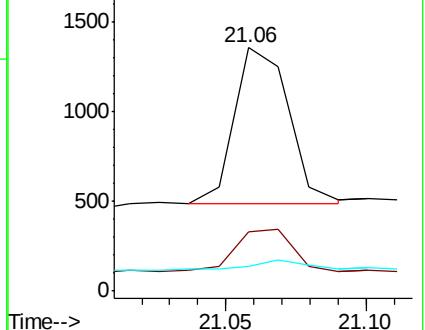
279 7.4 4.6 7.0#

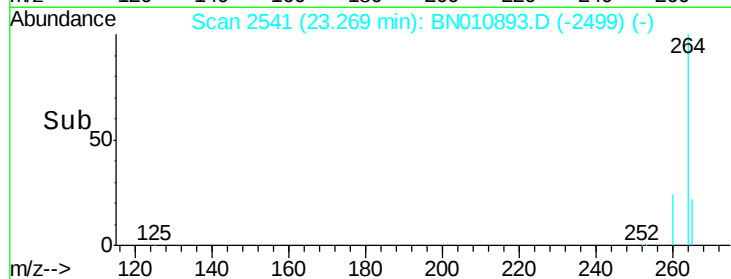
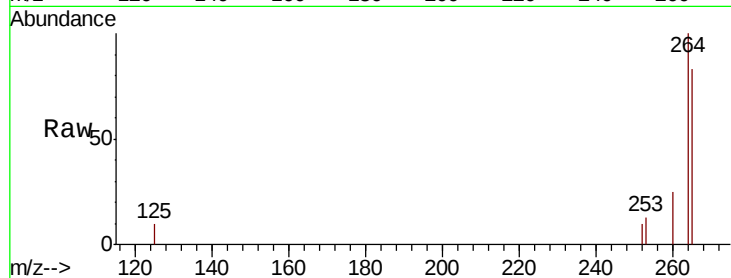


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

Instrument :

BNA_N

ClientSampleId :

RE103D3-20200610

Tot Ion:264 Resp: 8930

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 82.9 75.0 112.4

