

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 :

Quant Time: Jun 16 06:57:55 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

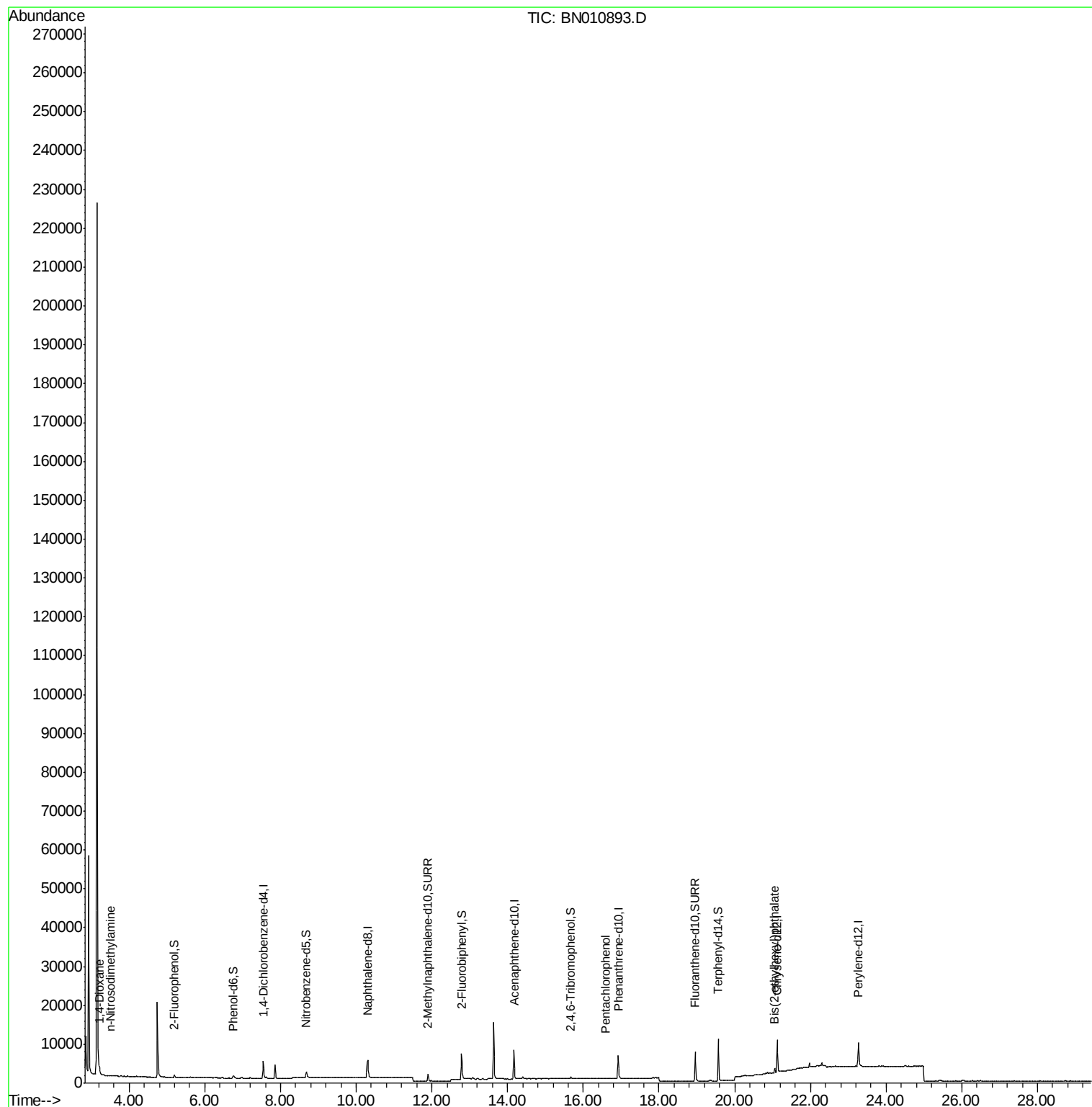
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2364	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8232	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4518	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9029	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8584	0.40	ng	-0.01
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
3) n-Nitrosodimethylamine	3.52	42	48	0.036	ng	# 1
22) Pentachlorophenol	16.59	266	71	0.037	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.06	149	1171	0.139	ng	# 98

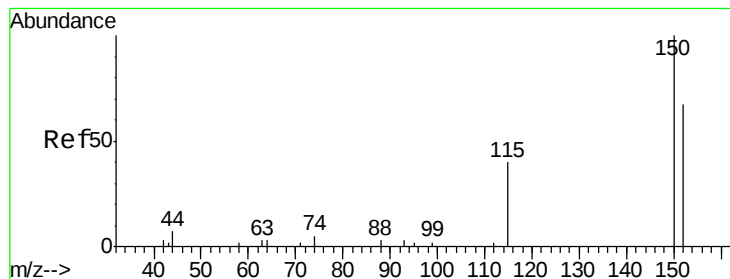
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
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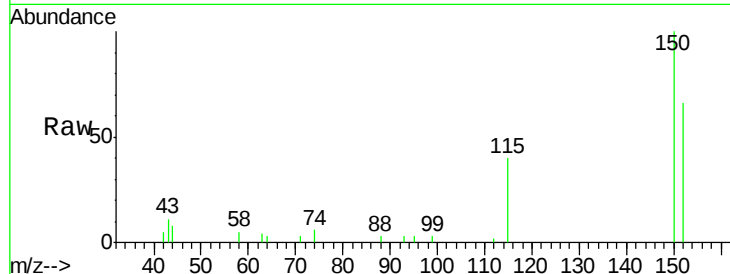


#1

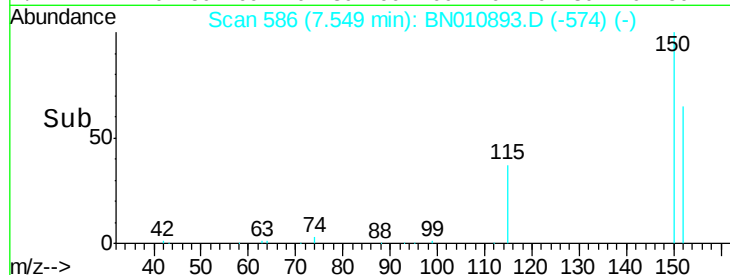
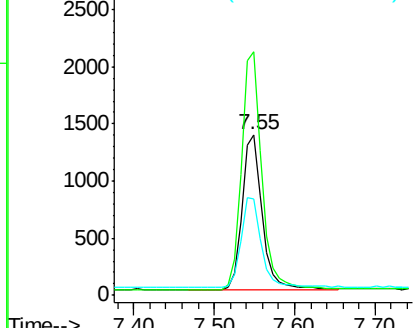
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

Instrument :
BNA_N
ClientSampled :

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



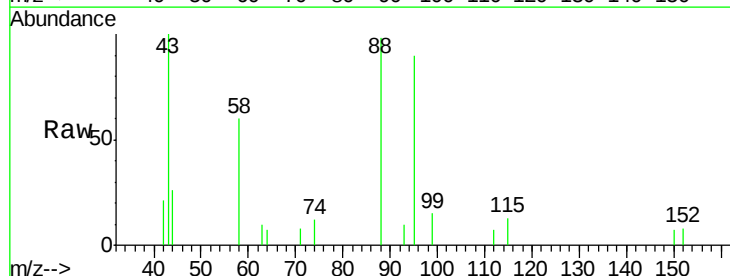
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



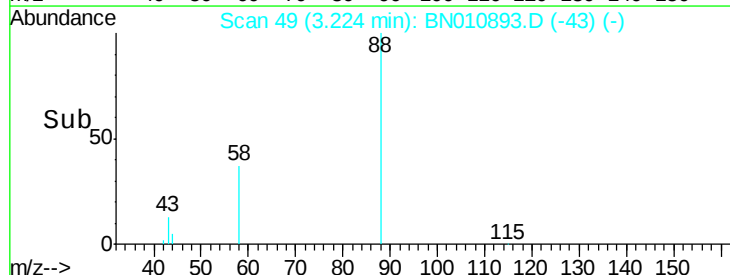
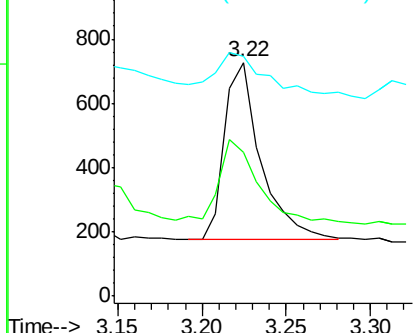
#2

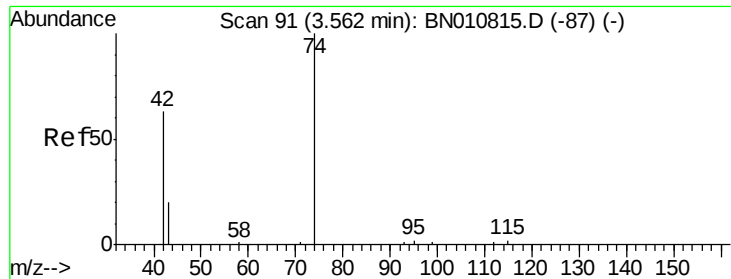
1,4-Dioxane
Concen: 0.358 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

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



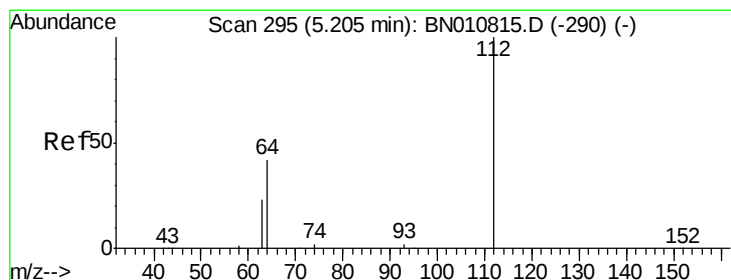
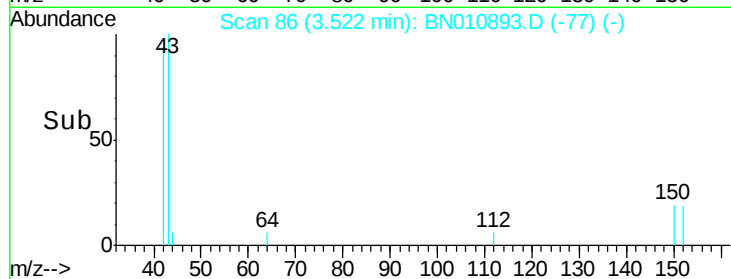
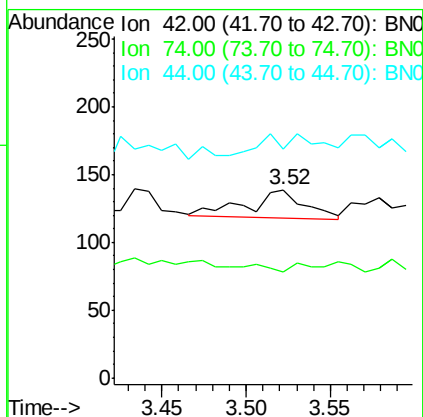
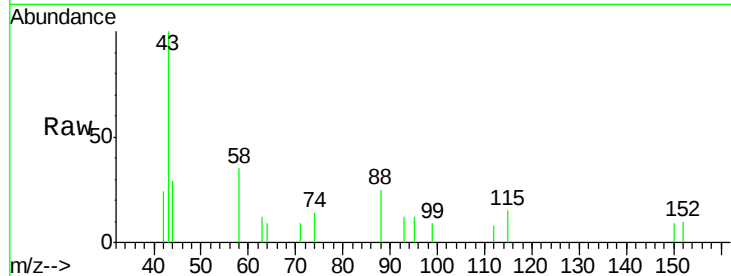


#3

n-Nitrosodimethylamine
 Concen: 0.036 ng
 RT: 3.52 min Scan# 86
 Delta R.T. -0.02 min
 Lab File: BN010893.D
 Acq: 16 Jun 2020 06:12

Instrument :
 BNA_N
 ClientSampleId :

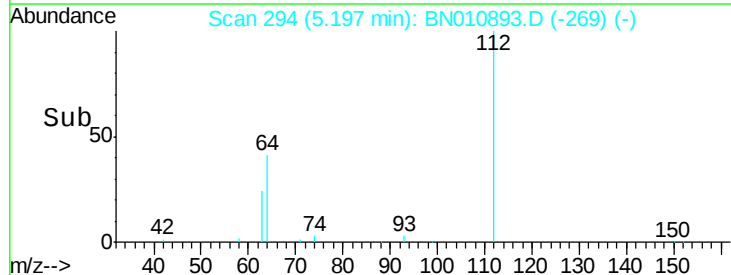
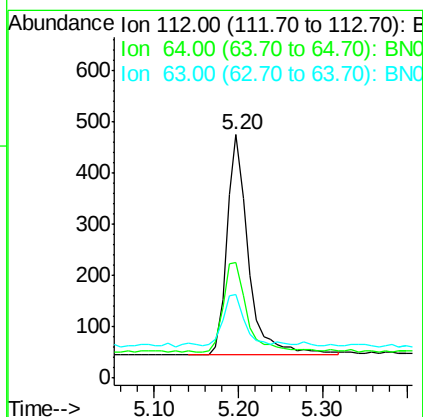
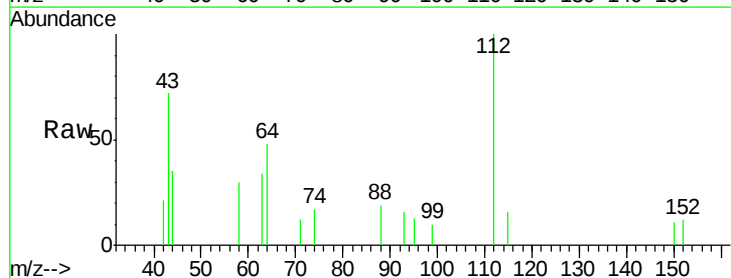
Tot Ion: 42 Resp: 48
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 29.2 1.4 2.2#



#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

Tgt Ion: 112 Resp: 754
 Ion Ratio Lower Upper
 112 100
 64 44.4 37.4 56.0
 63 23.2 22.2 33.4





#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

Instrument :

BNA_N

ClientSampleId :

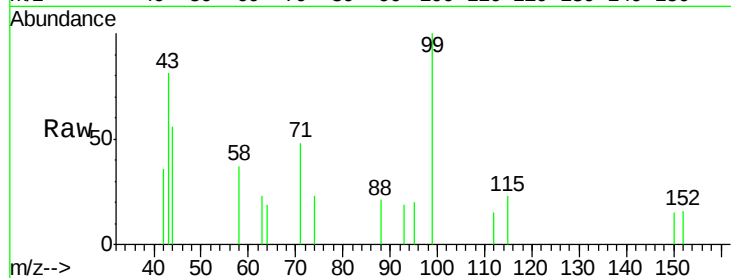
Tot Ion: 99 Resp: 528

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): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

6.74

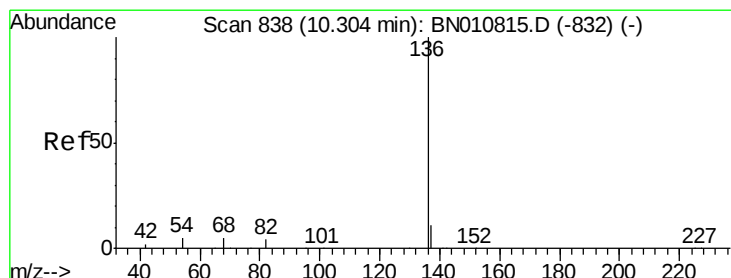
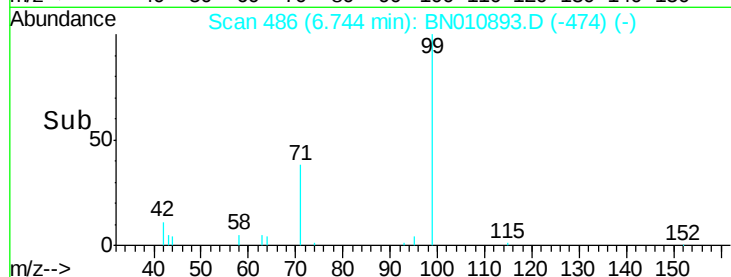
300

200

100

0

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

Tgt Ion: 136 Resp: 8232

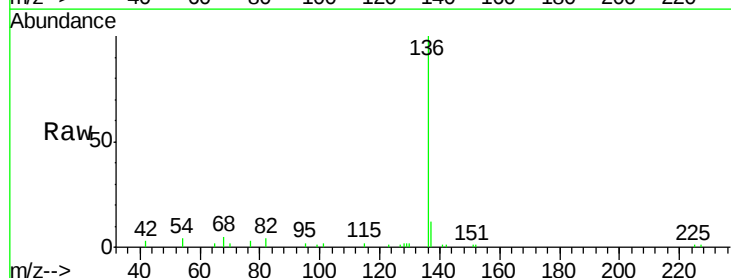
Ion Ratio Lower Upper

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): 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

5000

4000

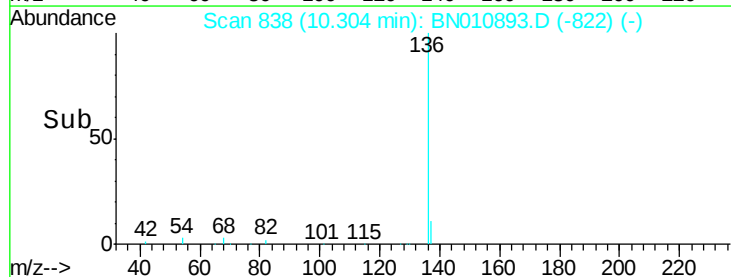
3000

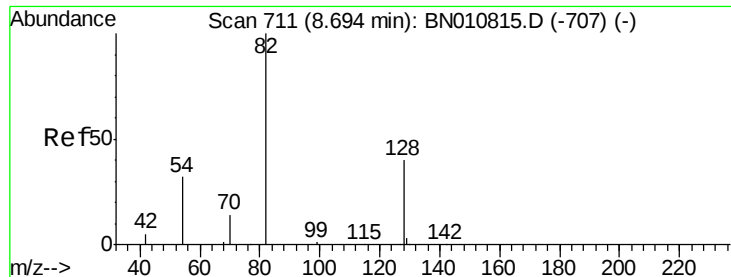
2000

1000

0

Time-->

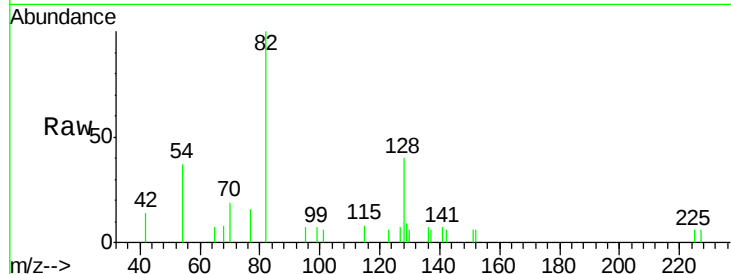




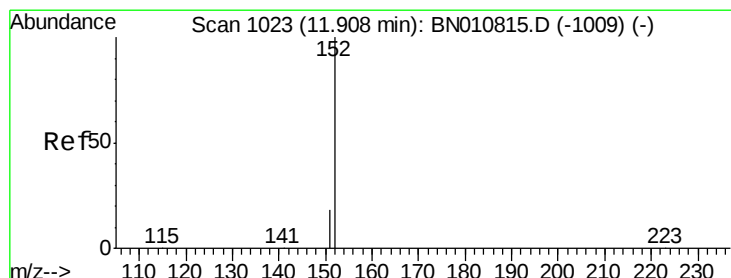
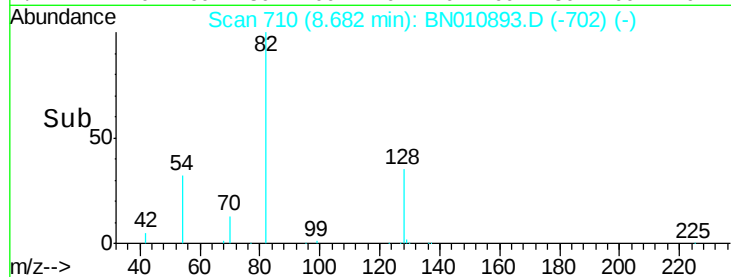
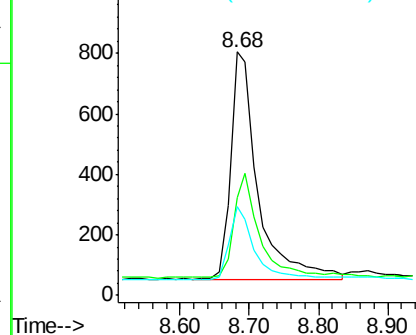
#8
 Nitrobenzene-d5
 Concen: 0.344 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BN010893.D
 Acq: 16 Jun 2020 06:12

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 2093
 Ion Ratio Lower Upper
 82 100
 128 40.2 35.4 53.0
 54 36.6 28.2 42.4

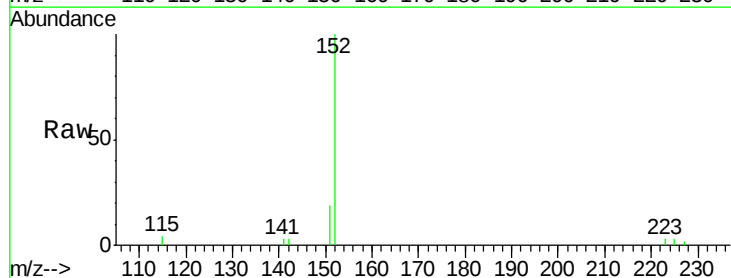


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

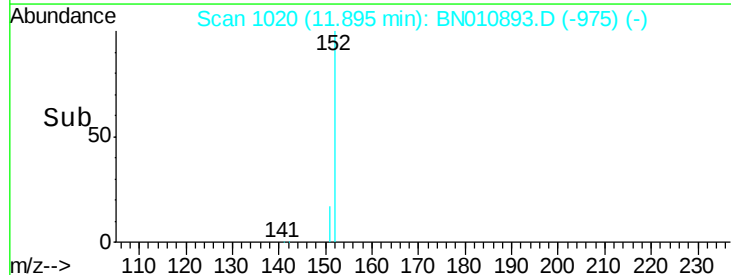
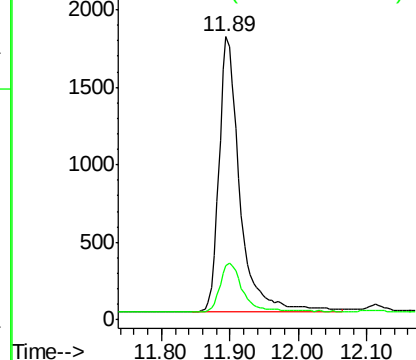


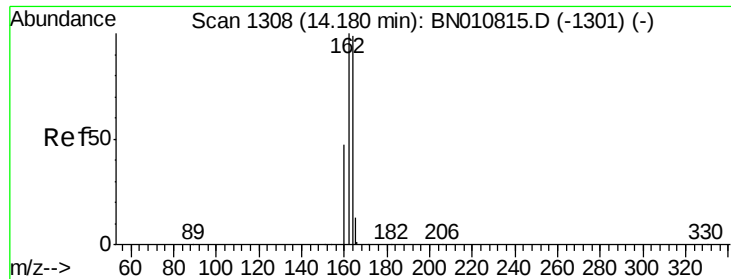
#11
 2-Methylnaphthalene-d10
 Concen: 0.298 ng
 RT: 11.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BN010893.D
 Acq: 16 Jun 2020 06:12

Tgt Ion: 152 Resp: 3799
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#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

Instrument :

BNA_N

ClientSampleId :

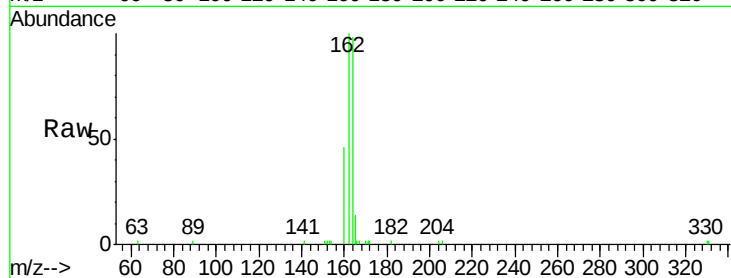
Tot Ion:164 Resp: 4518

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.6

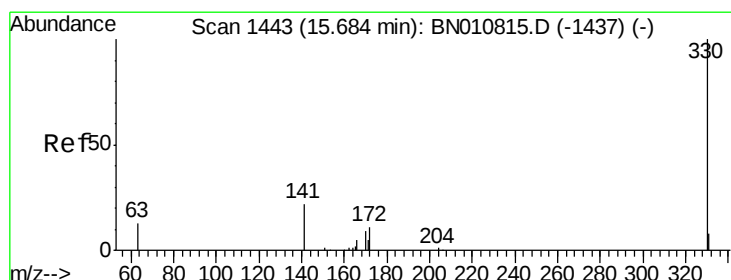
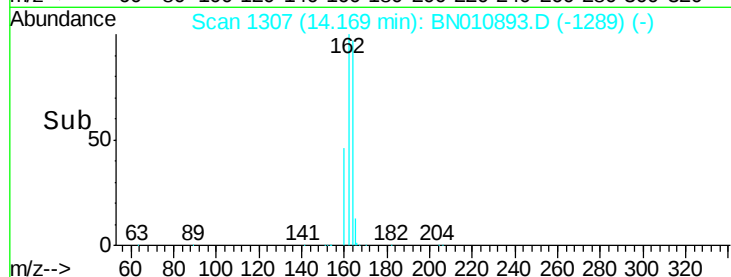
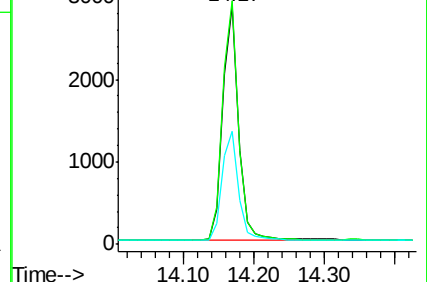
160 47.6 38.9 58.3



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: 0.365 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010893.D

Acq: 16 Jun 2020 06:12

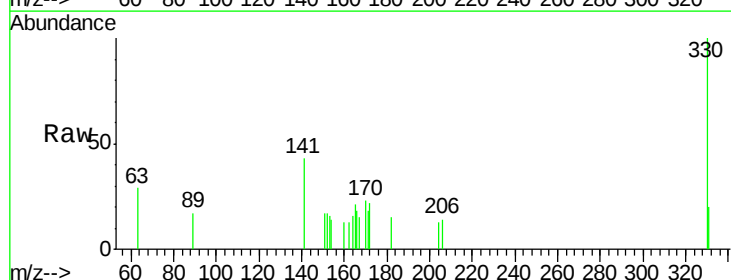
Tgt Ion:330 Resp: 590

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

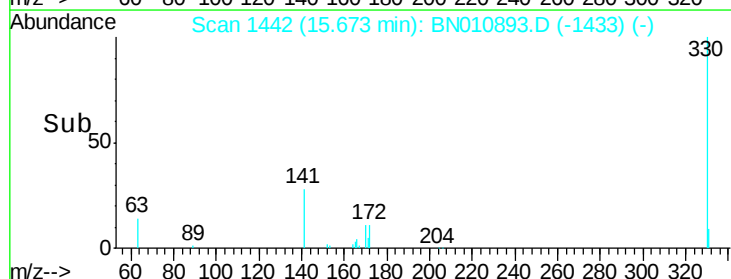
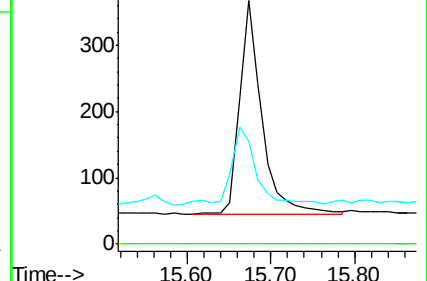
141 38.5 33.2 49.8

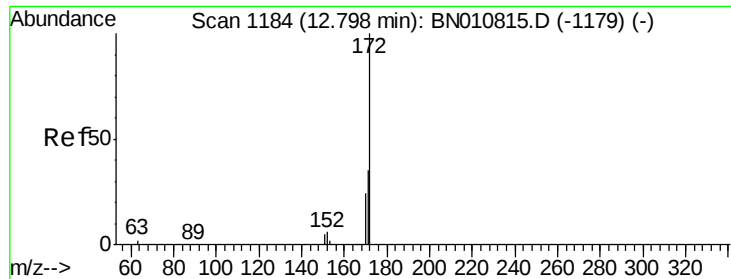


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

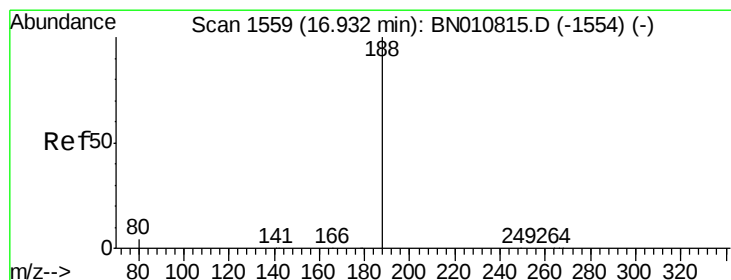
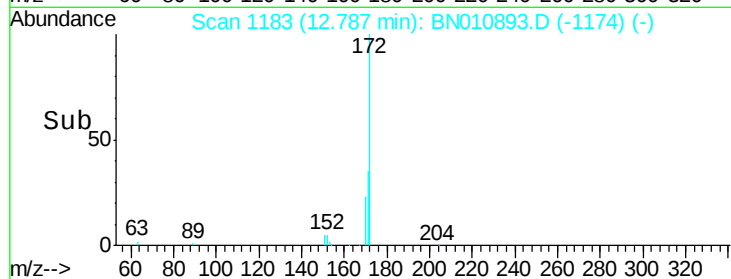
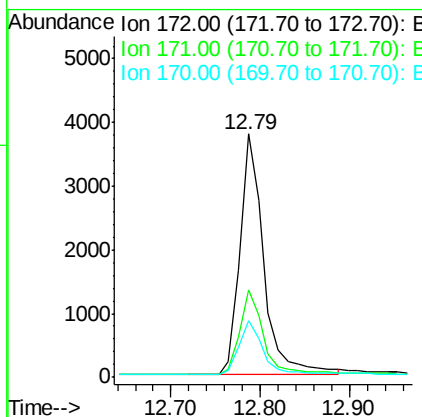
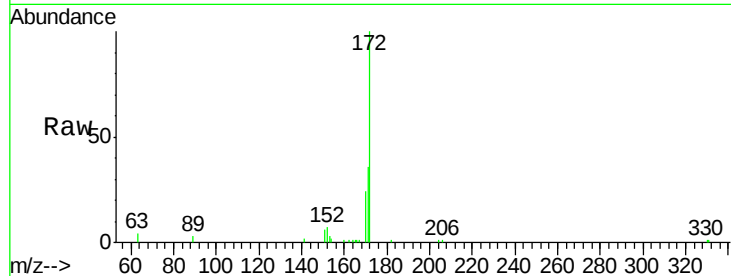




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

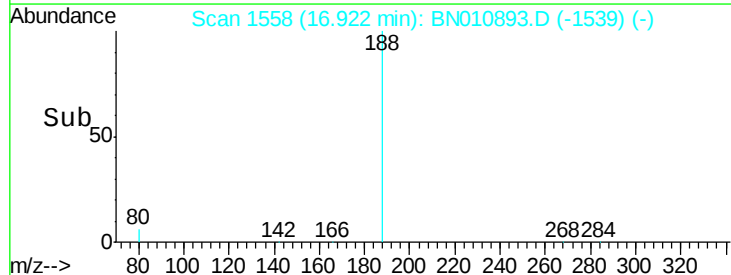
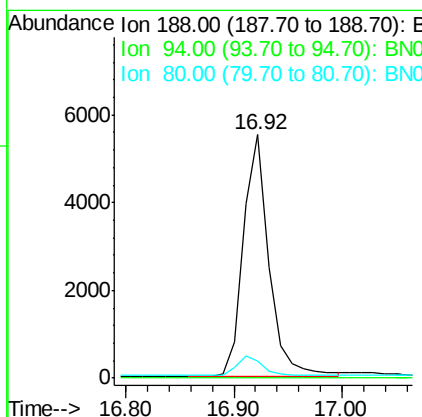
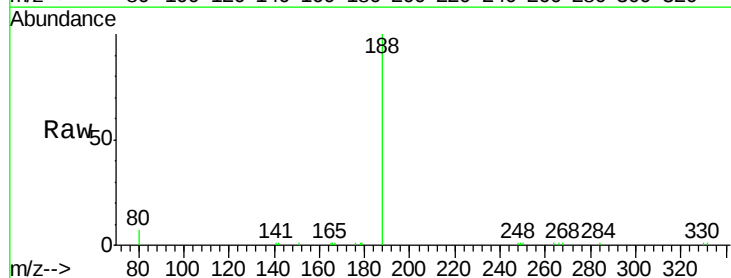
Instrument :
BNA_N
ClientSampleId :

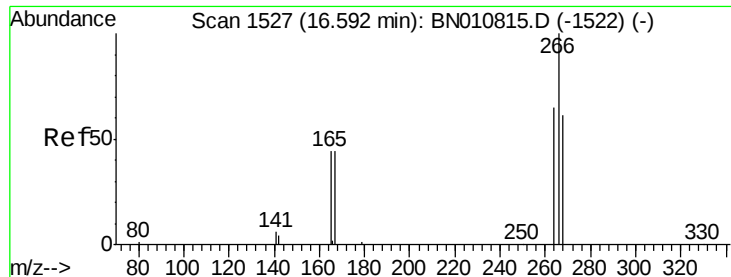
Tot Ion:172 Resp: 6978
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010893.D
Acq: 16 Jun 2020 06:12

Tgt Ion:188 Resp: 9029
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 4.5 6.7#





#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

Instrument :

BNA_N

ClientSampled :

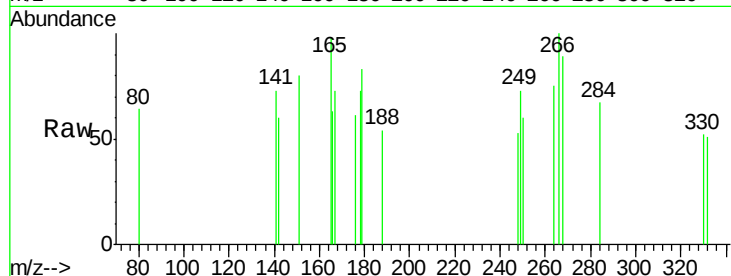
Tot Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 75.3 54.8 82.2

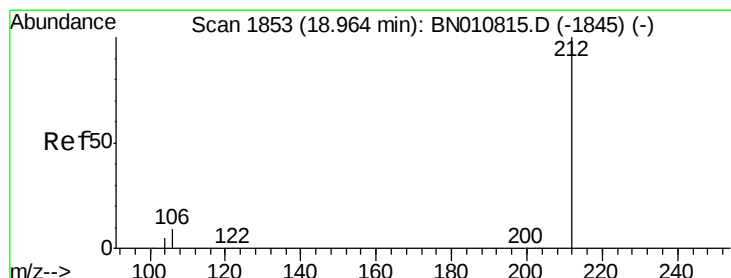
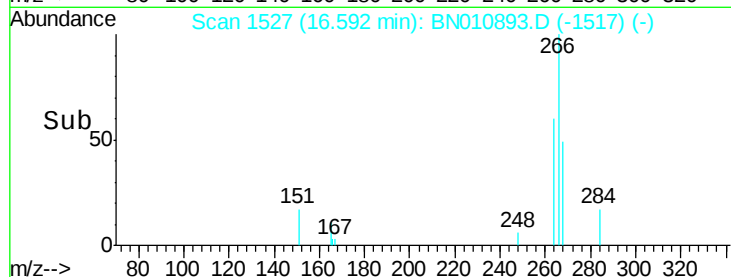
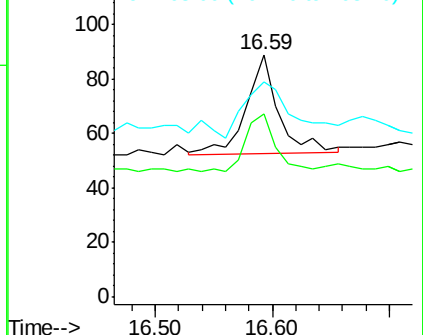
268 88.8 55.9 83.9#



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

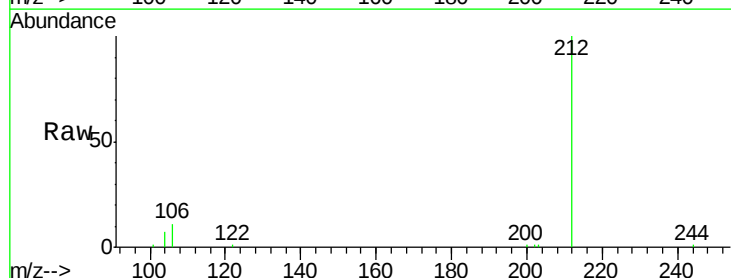
Tgt Ion:212 Resp: 9881

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

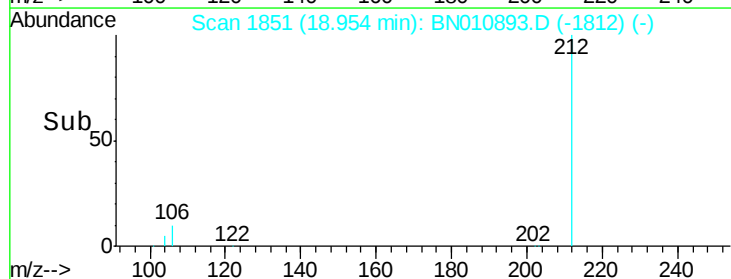
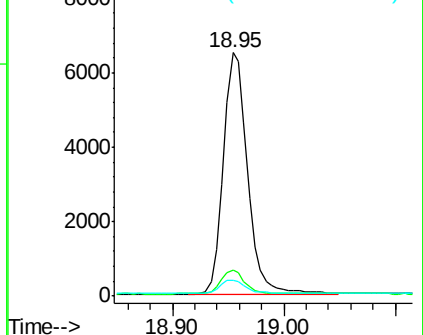
104 5.8 4.0 6.0

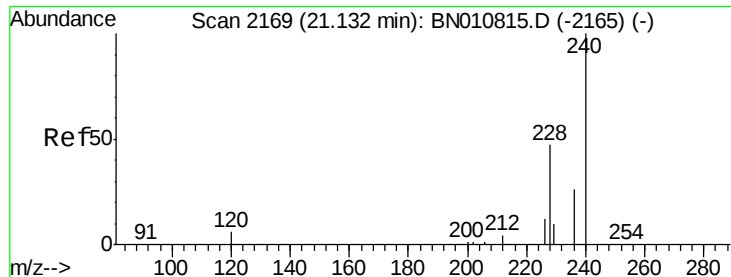


Abundance Ion 212.00 (211.70 to 212.70): E

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

Instrument :

BNA_N

ClientSampleId :

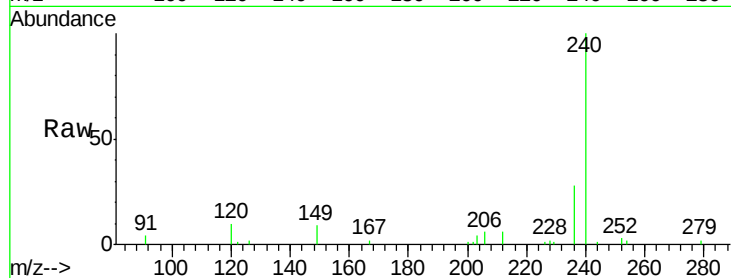
Tot Ion:240 Resp: 8584

Ion Ratio Lower Upper

240 100

120 10.3 7.5 11.3

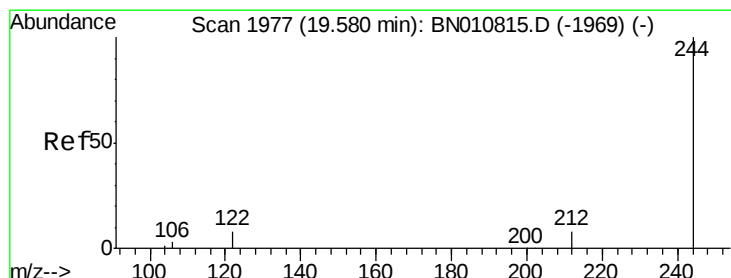
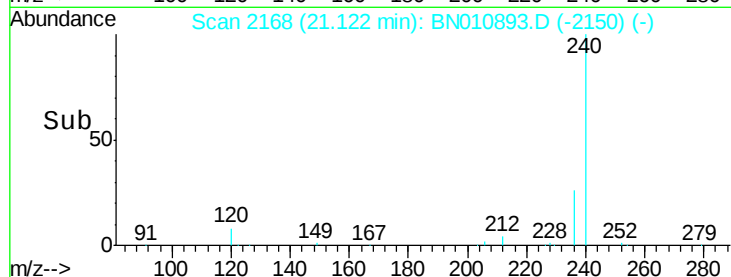
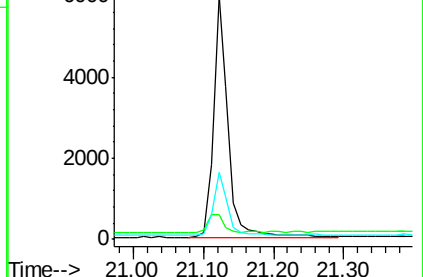
236 27.6 22.3 33.5



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

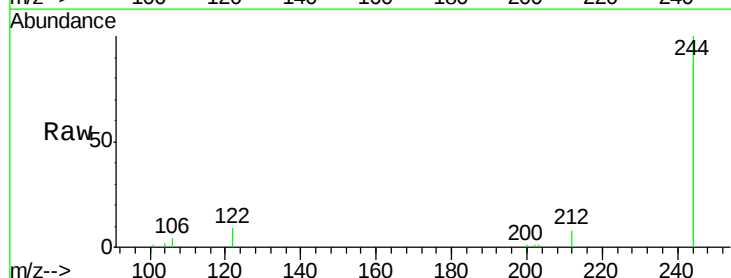
Tgt Ion:244 Resp: 12054

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

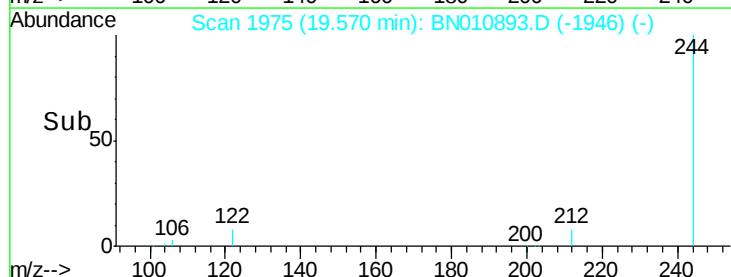
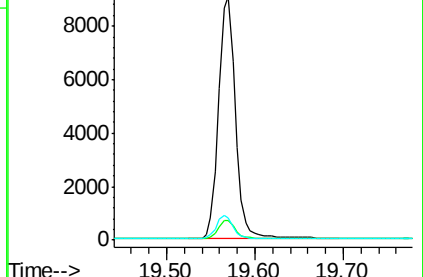
122 9.0 7.5 11.3

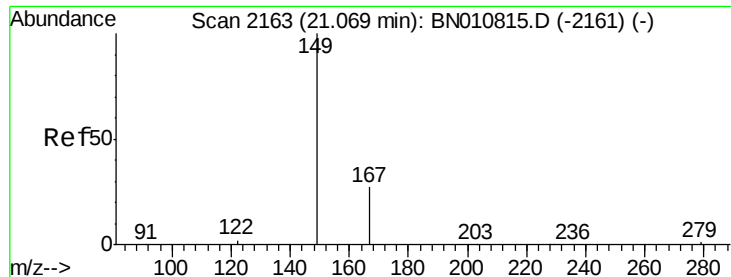


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

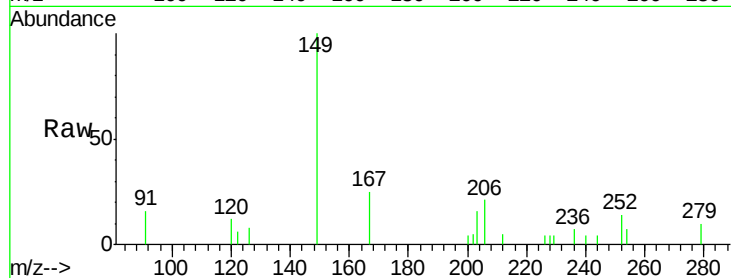




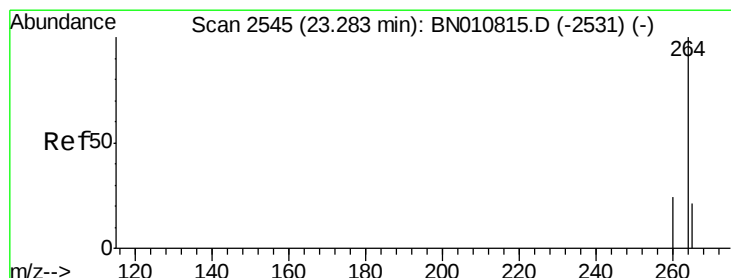
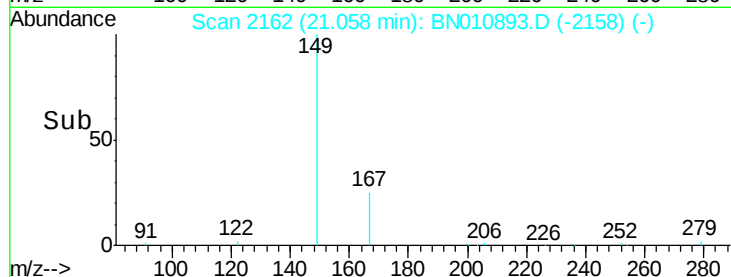
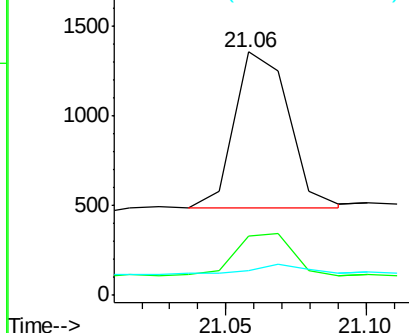
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.139 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BN010893.D
 Acq: 16 Jun 2020 06:12

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 1171
 Ion Ratio Lower Upper
 149 100
 167 29.0 24.1 36.1
 279 7.4 4.6 7.0#

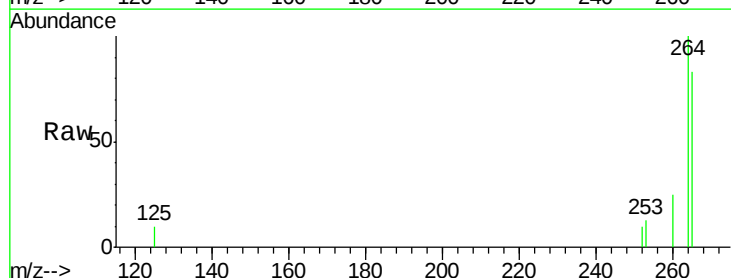


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-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

Tgt Ion:264 Resp: 8930
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.4 30.6
 265 82.9 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

