

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010994.D
 Acq On : 20 Jun 2020 07:59
 Operator : CG/JU
 Sample : L3042-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200616

Quant Time: Jun 22 00:29:53 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

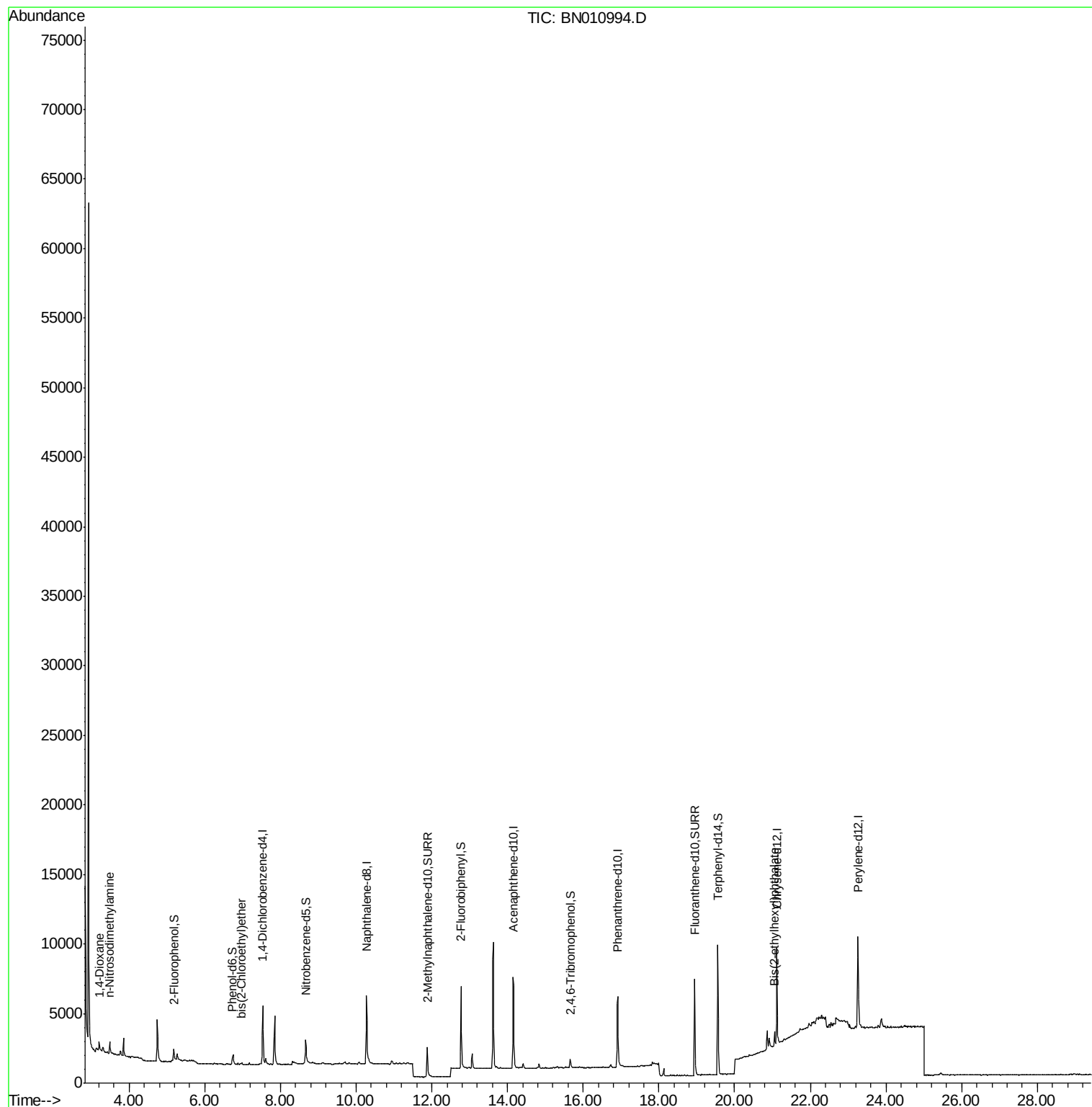
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2346	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7667	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	4286	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	9025	0.40	ng	0.01
27) Chrysene-d12	21.12	240	8496	0.40	ng	0.00
34) Perylene-d12	23.26	264	8858	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	857	0.19	ng	0.00
5) Phenol-d6	6.73	99	515	0.10	ng	0.00
8) Nitrobenzene-d5	8.67	82	2172	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3640	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	592	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	6270	0.37	ng	0.00
25) Fluoranthene-d10	18.94	212	9191	0.37	ng	0.00
29) Terphenyl-d14	19.56	244	10446	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	525	0.228	ng	# 80
3) n-Nitrosodimethylamine	3.49	42	128	0.096	ng	# 1
6) bis(2-Chloroethyl)ether	6.98	93	123	0.024	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	832	0.100	ng	# 98

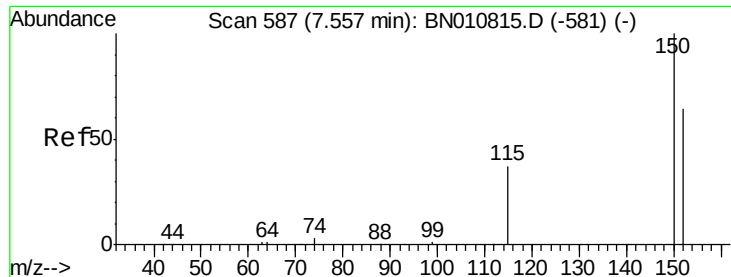
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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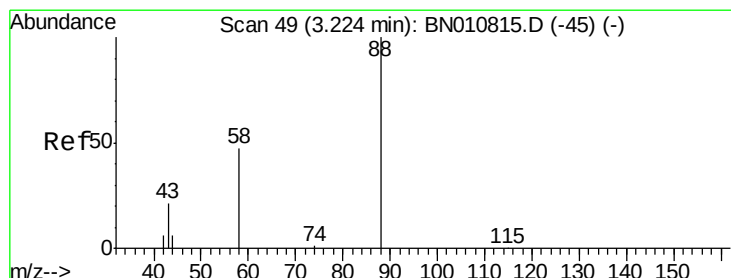
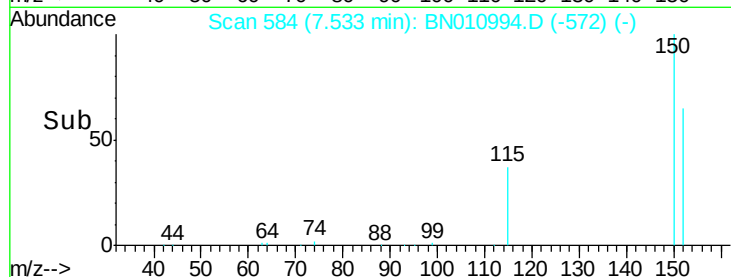
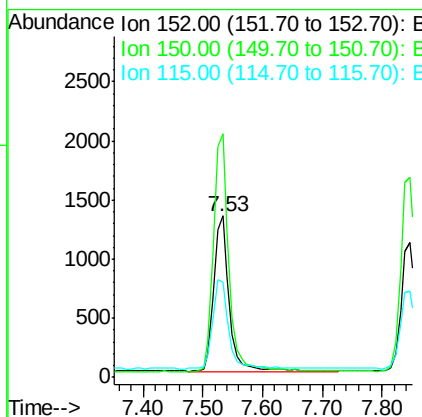
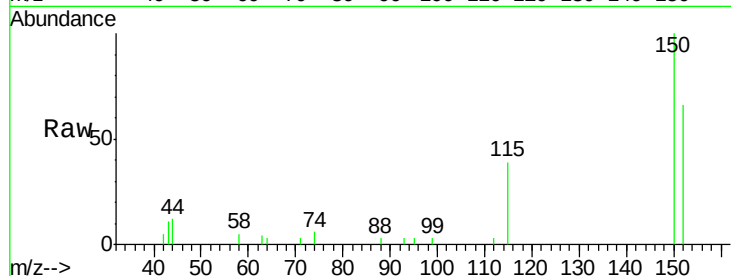


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010994.D
Acq: 20 Jun 2020 07:59

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200616

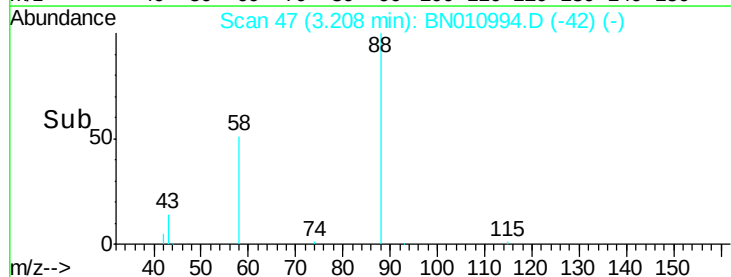
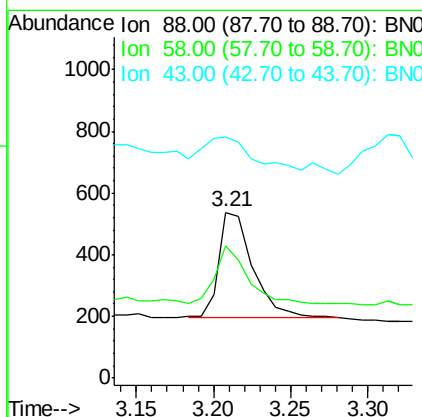
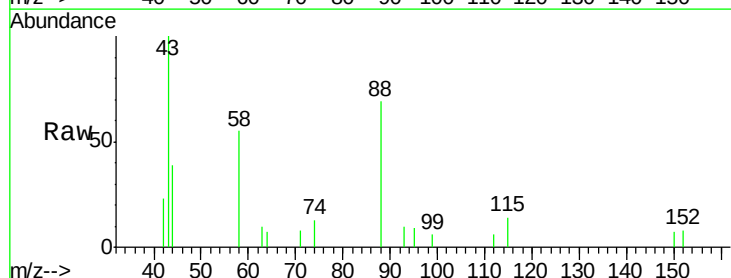
Tot Ion:152 Resp: 2346
Ion Ratio Lower Upper
152 100
150 150.8 123.8 185.6
115 59.2 49.2 73.8

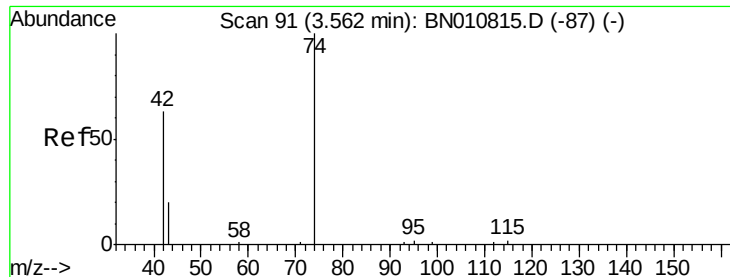


#2

1,4-Dioxane
Concen: 0.228 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010994.D
Acq: 20 Jun 2020 07:59

Tgt Ion: 88 Resp: 525
Ion Ratio Lower Upper
88 100
58 51.8 38.2 57.4
43 43.6 15.1 22.7#



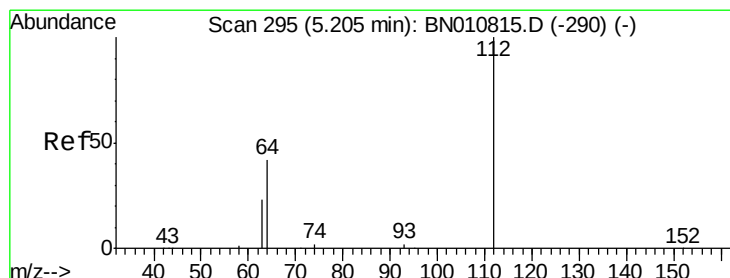
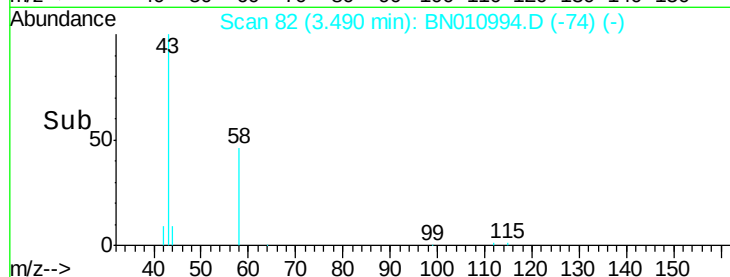
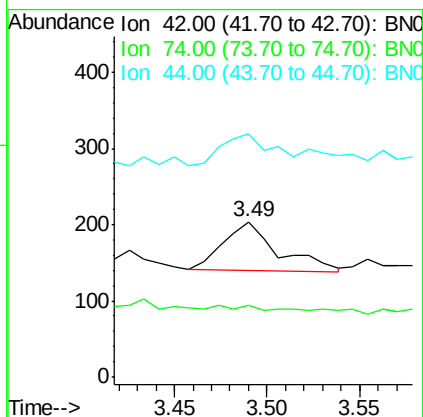
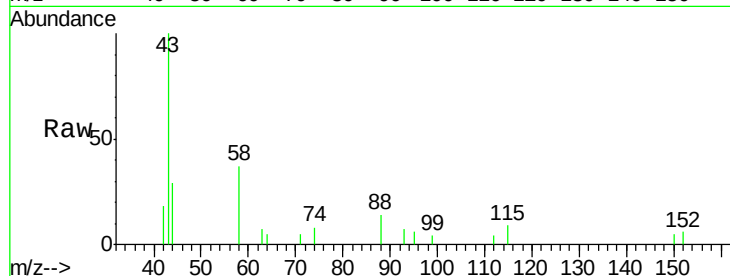


#3

n-Nitrosodimethylamine
 Concen: 0.096 ng
 RT: 3.49 min Scan# 82
 Delta R.T. -0.03 min
 Lab File: BN010994.D
 Acq: 20 Jun 2020 07:59

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200616

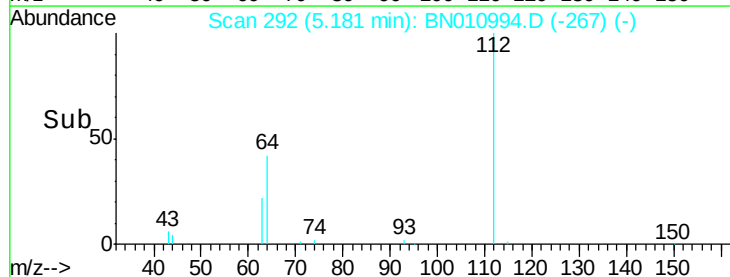
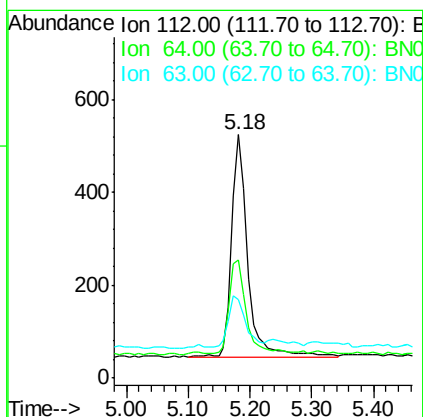
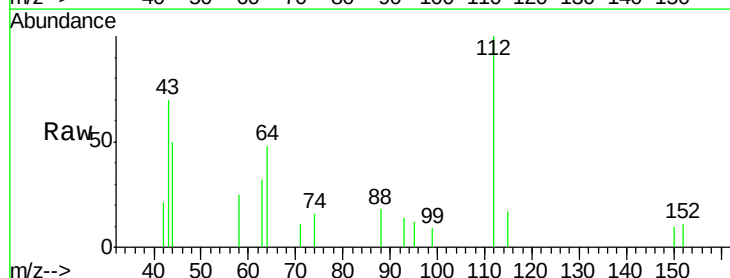
Tot Ion: 42 Resp: 128
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 89.8 1.4 2.2#

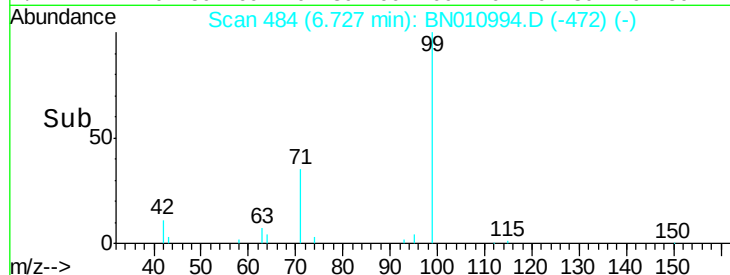
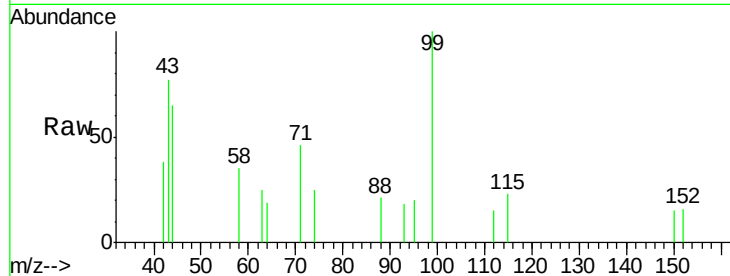
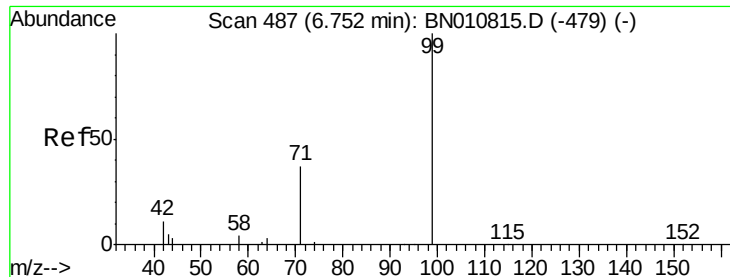


#4

2-Fluorophenol
 Concen: 0.189 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BN010994.D
 Acq: 20 Jun 2020 07:59

Tgt Ion: 112 Resp: 857
 Ion Ratio Lower Upper
 112 100
 64 43.6 37.4 56.0
 63 24.9 22.2 33.4





#5

Phenol-d6

Concen: 0.097 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200616

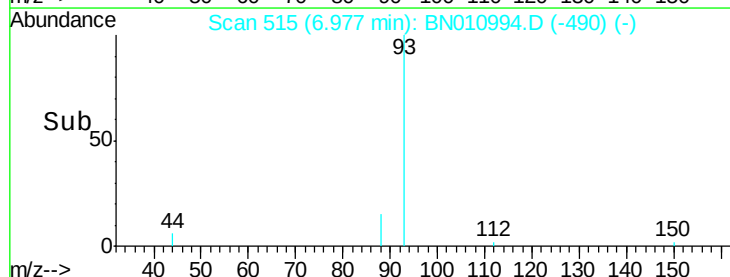
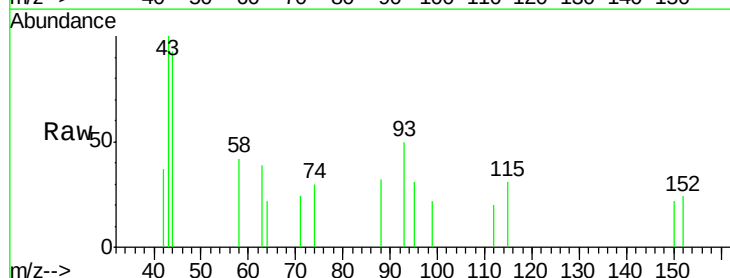
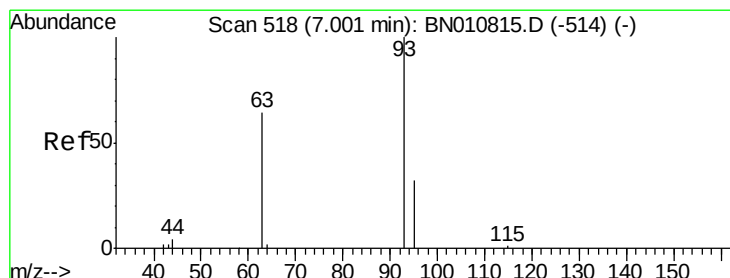
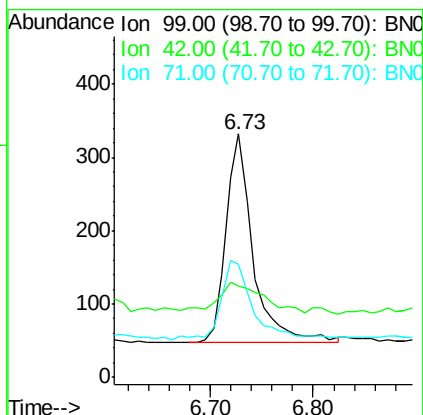
Tot Ion: 99 Resp: 515

Ion Ratio Lower Upper

99 100

42 22.5 11.1 16.7#

71 46.4 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 6.98 min Scan# 515

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

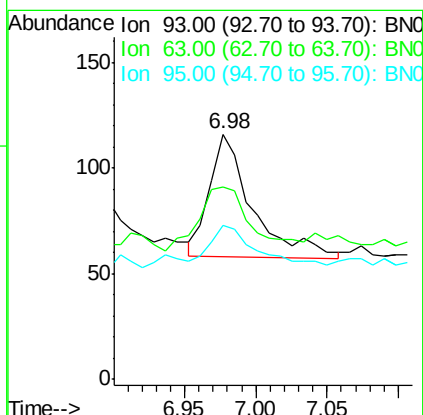
Tgt Ion: 93 Resp: 123

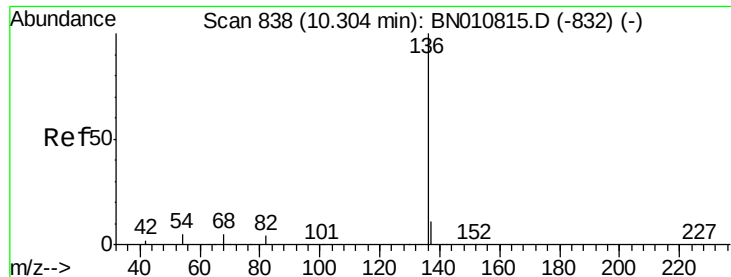
Ion Ratio Lower Upper

93 100

63 61.8 49.4 74.2

95 35.0 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200616

Tot Ion:136 Resp: 7667

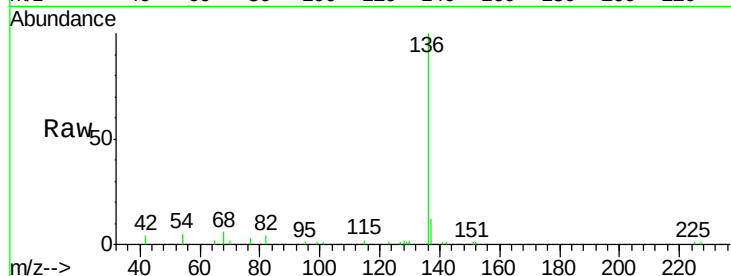
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 5.1 4.9 7.3

68 5.7 4.7 7.1

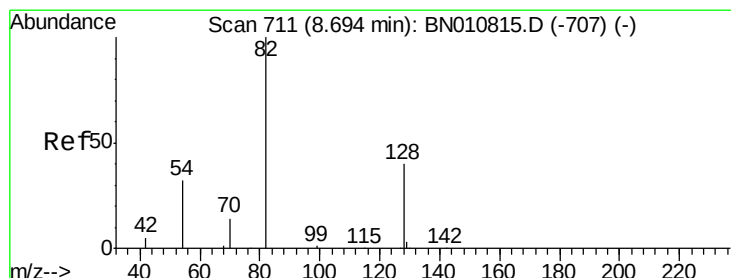
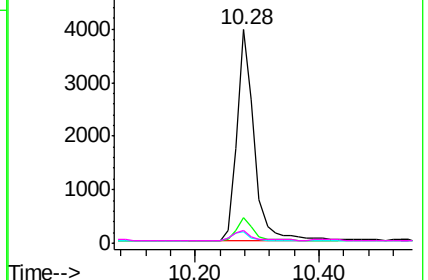
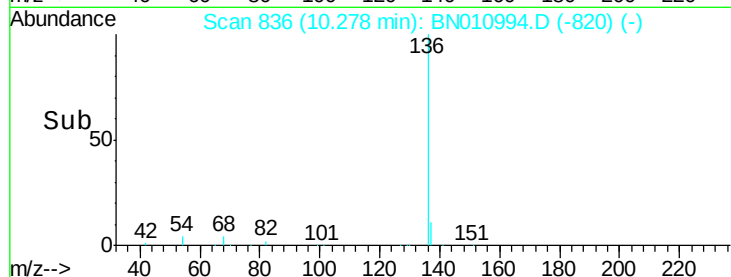


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

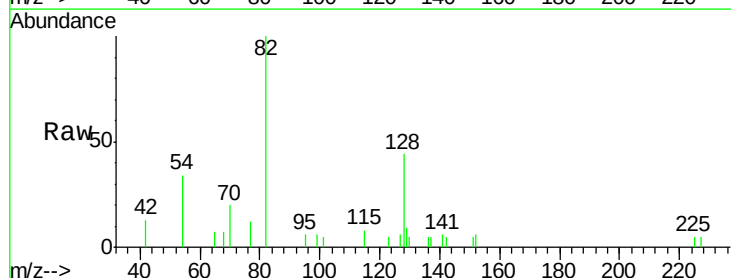
Tgt Ion: 82 Resp: 2172

Ion Ratio Lower Upper

82 100

128 43.8 35.4 53.0

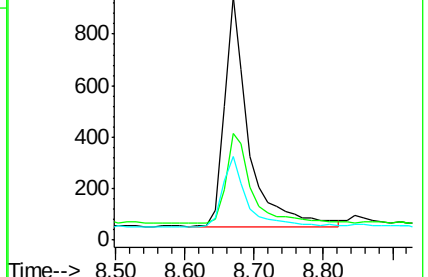
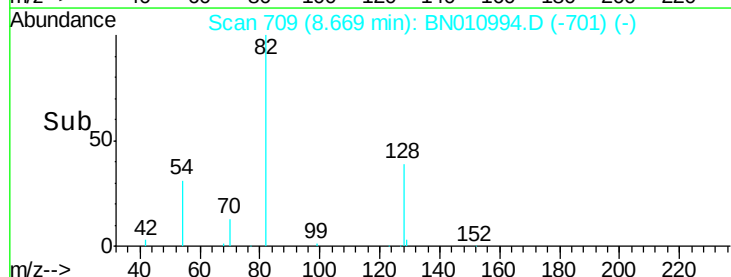
54 34.2 28.2 42.4

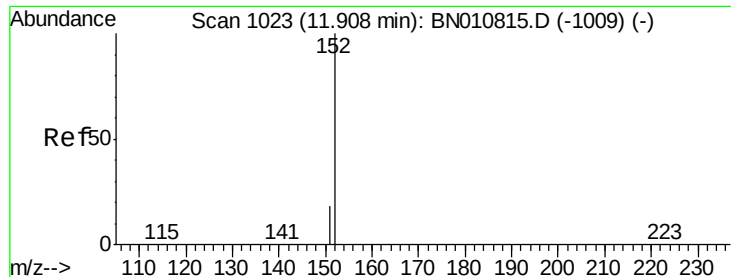


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

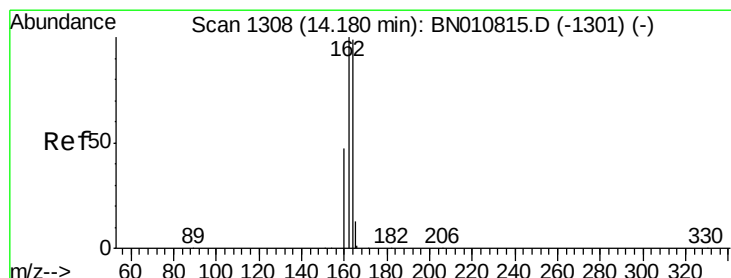
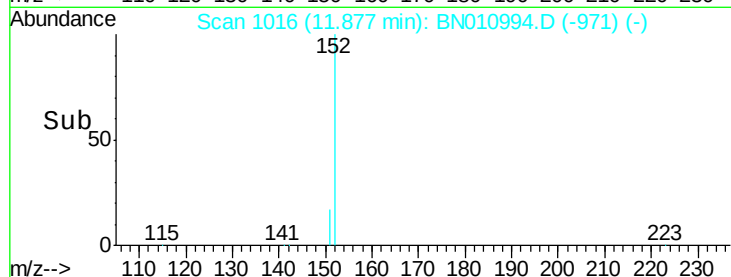
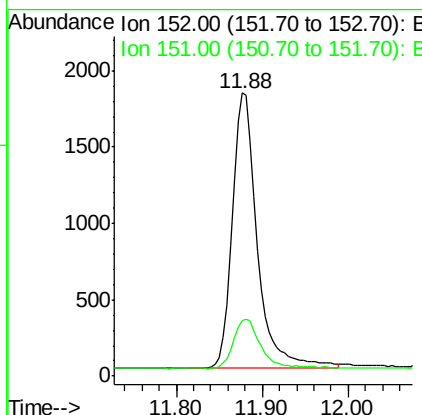
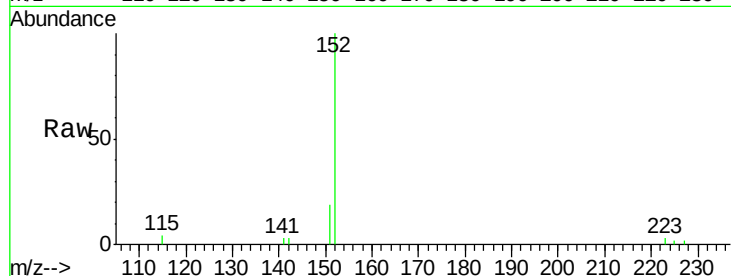




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.88 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BN010994.D
Acq: 20 Jun 2020 07:59

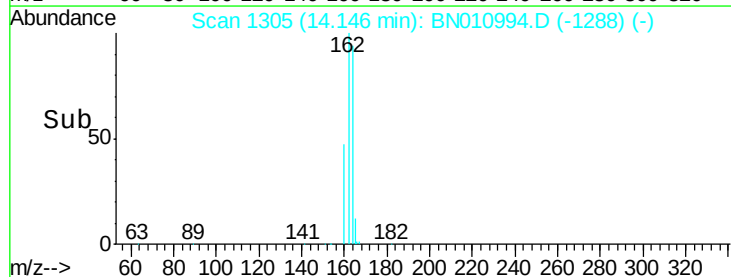
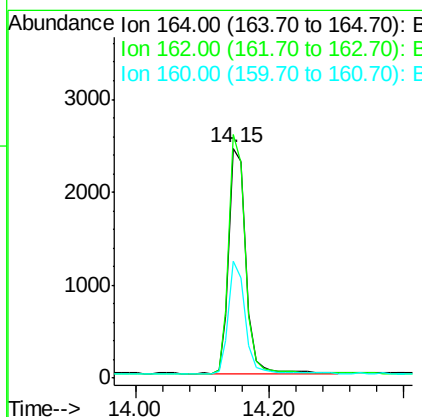
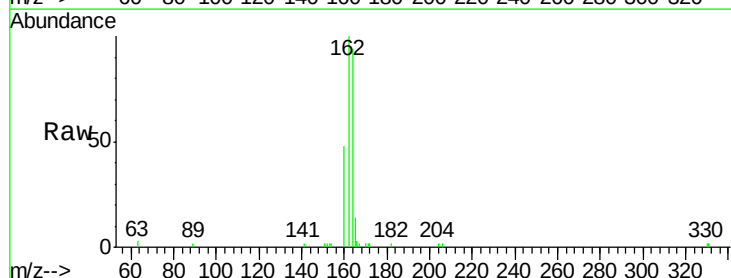
Instrument :
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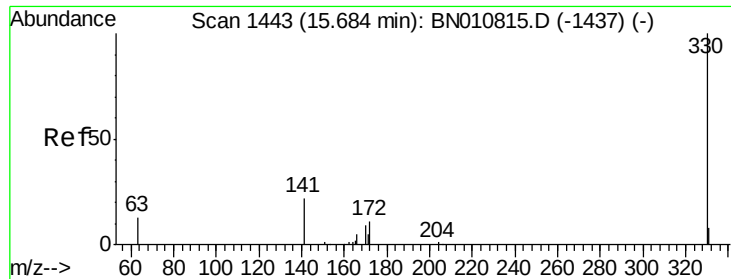
Tot Ion:152 Resp: 3640
Ion Ratio Lower Upper
152 100
151 20.1 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN010994.D
Acq: 20 Jun 2020 07:59

Tgt Ion:164 Resp: 4286
Ion Ratio Lower Upper
164 100
162 105.9 81.0 121.6
160 50.7 38.9 58.3

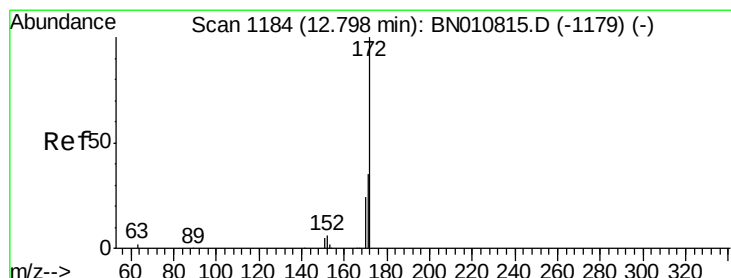
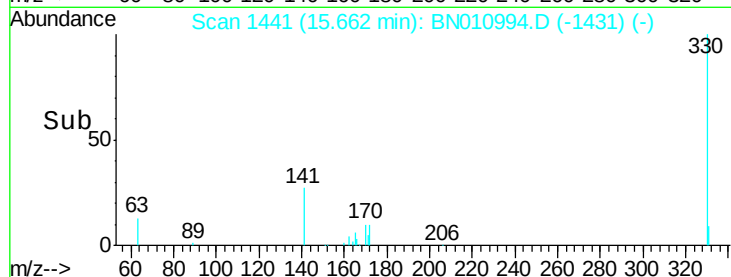
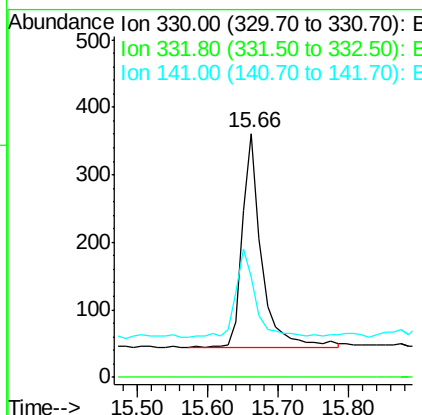
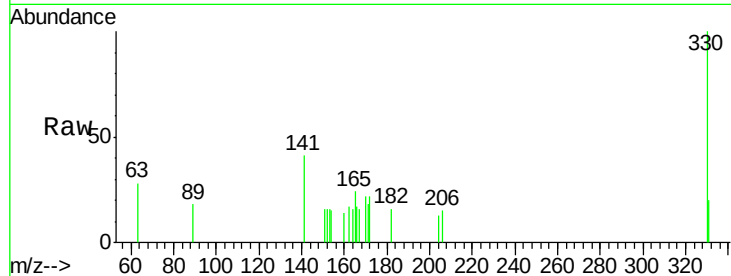




#14
 2,4,6-Tribromophenol
 Concen: 0.386 ng
 RT: 15.66 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BN010994.D
 Acq: 20 Jun 2020 07:59

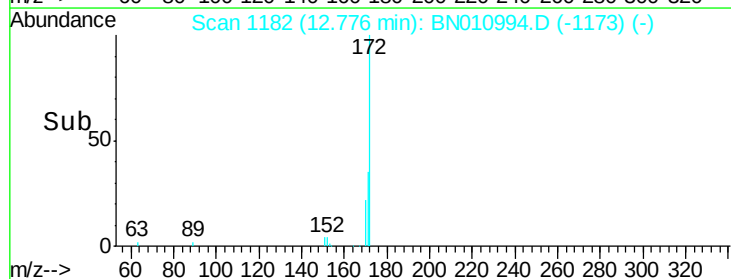
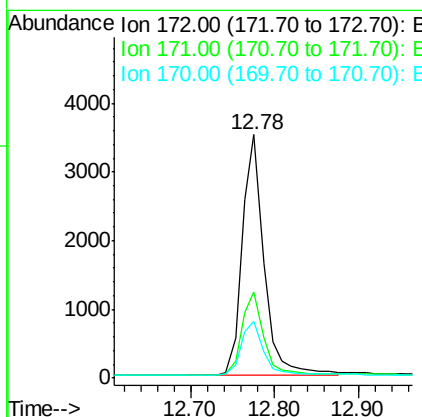
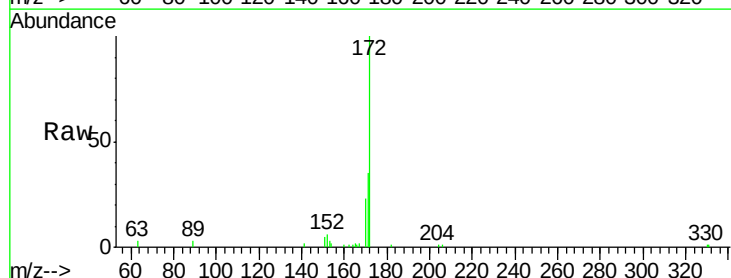
Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200616

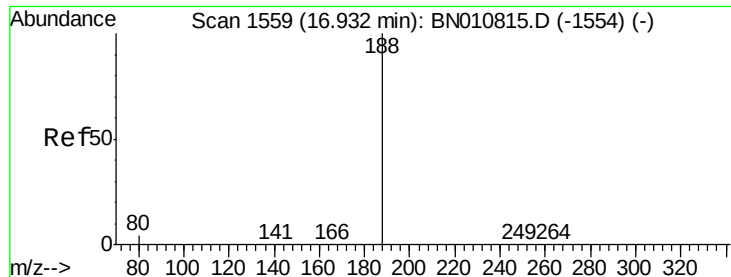
Tot Ion:330 Resp: 592
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.1 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.371 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BN010994.D
 Acq: 20 Jun 2020 07:59

Tgt Ion:172 Resp: 6270
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.2 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200616

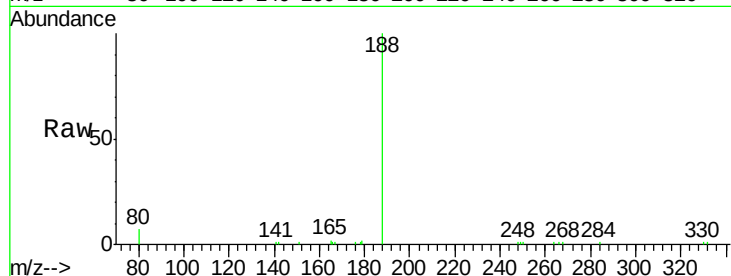
Tot Ion:188 Resp: 9025

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

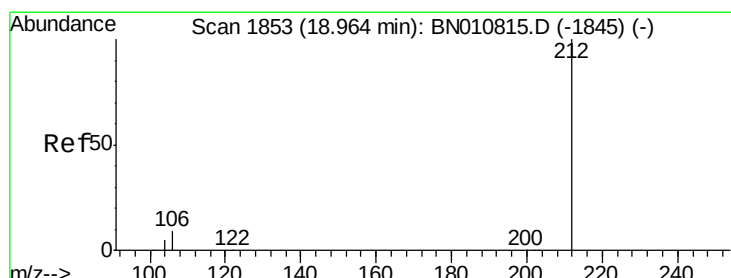
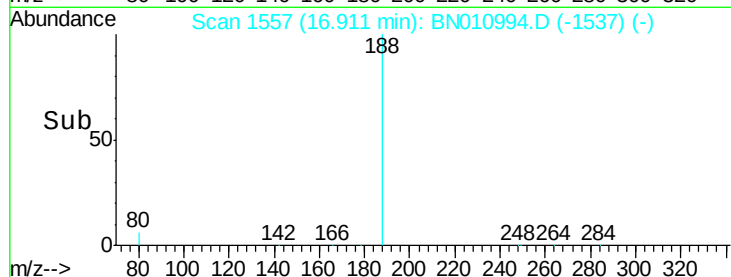
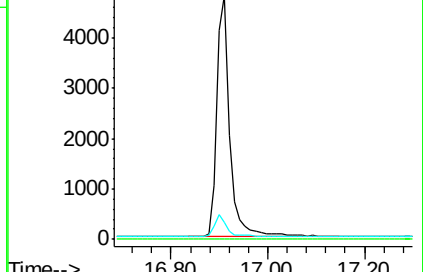
80 7.0 4.5 6.7#



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: 0.369 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

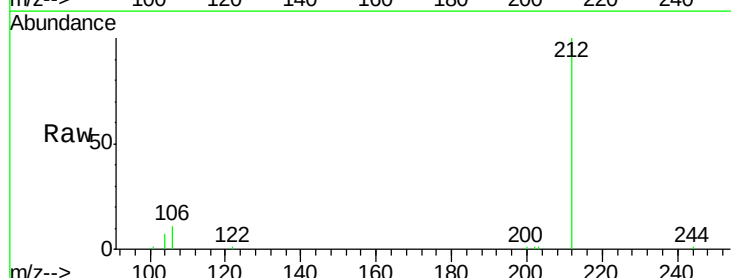
Tgt Ion:212 Resp: 9191

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

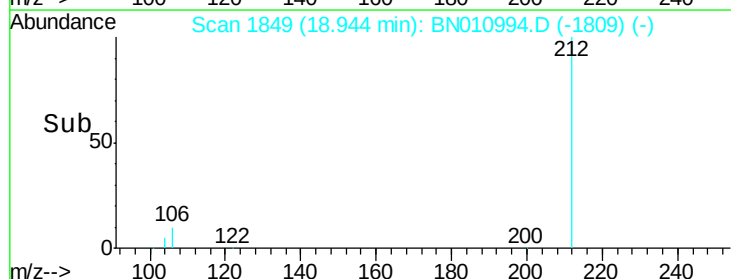
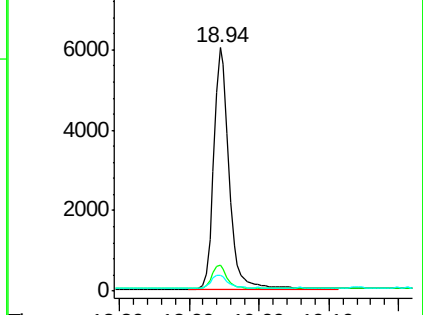
104 5.6 4.0 6.0

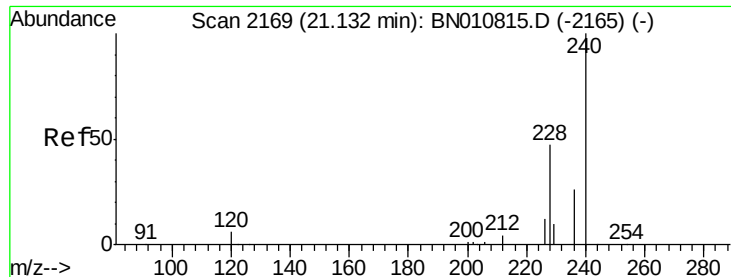


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

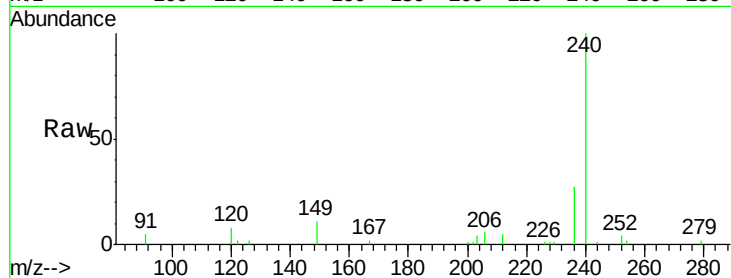




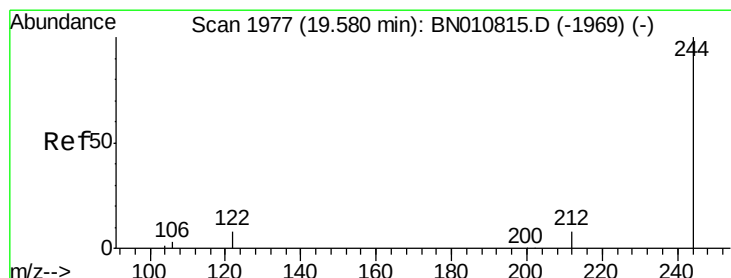
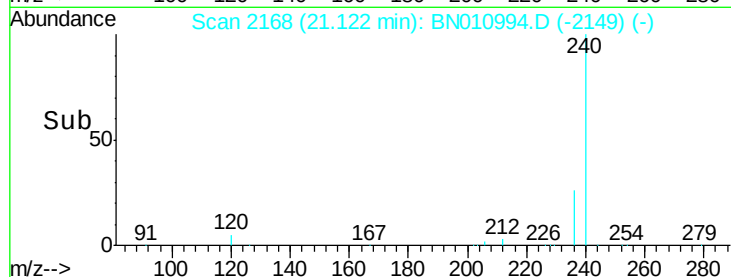
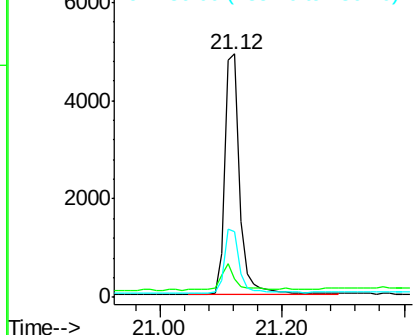
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BN010994.D
 Acq: 20 Jun 2020 07:59

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200616

Tot Ion:240 Resp: 8496
 Ion Ratio Lower Upper
 240 100
 120 7.6 7.5 11.3
 236 27.0 22.3 33.5

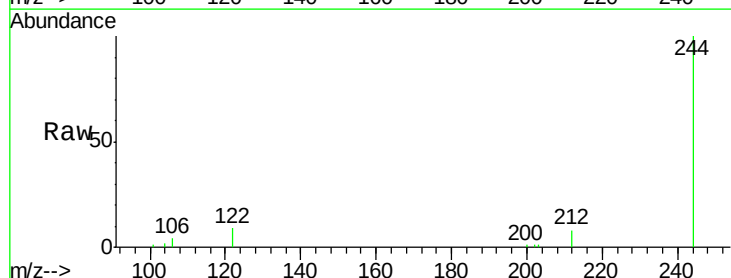


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

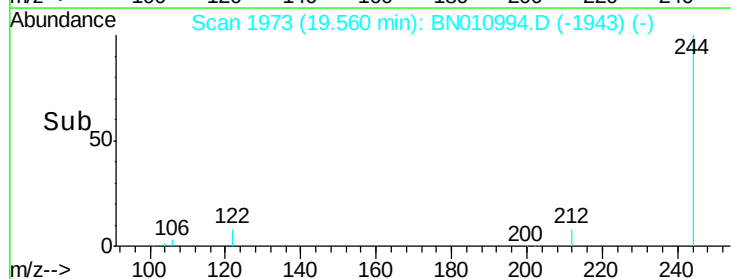
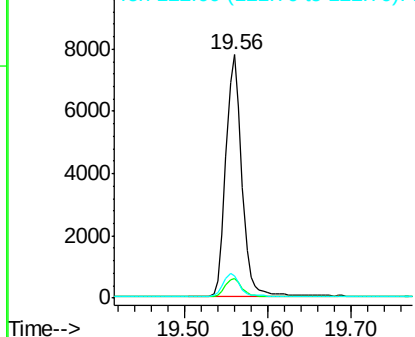


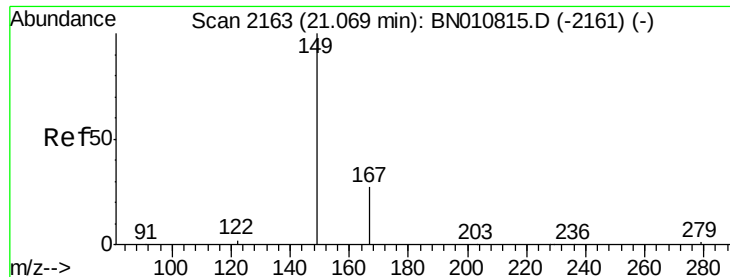
#29
 Terphenyl-d14
 Concen: 0.525 ng
 RT: 19.56 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BN010994.D
 Acq: 20 Jun 2020 07:59

Tgt Ion:244 Resp: 10446
 Ion Ratio Lower Upper
 244 100
 212 8.3 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: 0.100 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010994.D

Acq: 20 Jun 2020 07:59

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200616

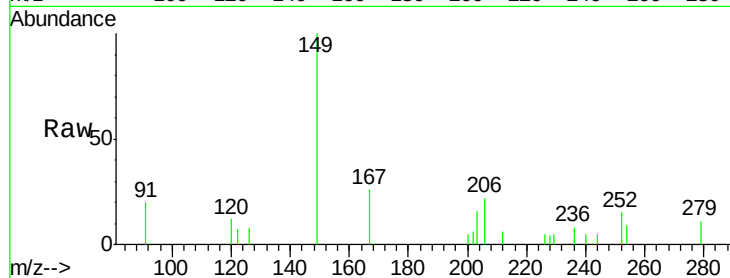
Tot Ion:149 Resp: 832

Ion Ratio Lower Upper

149 100

167 30.4 24.1 36.1

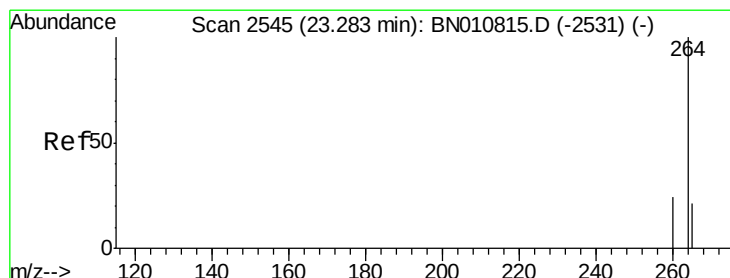
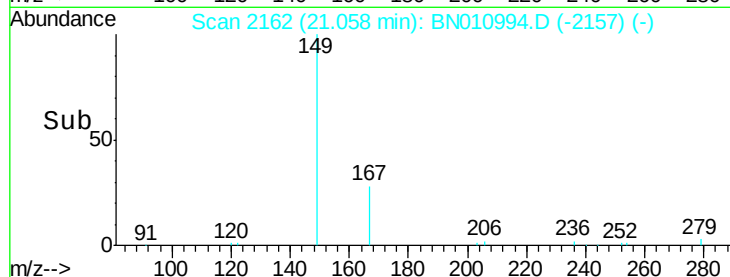
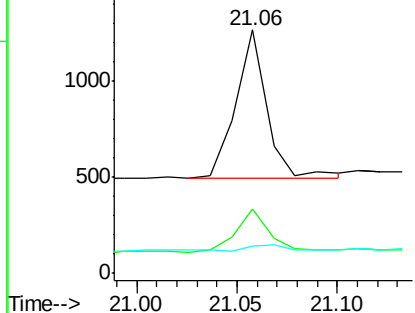
279 3.1 4.6 7.0#



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: BN010994.D

Acq: 20 Jun 2020 07:59

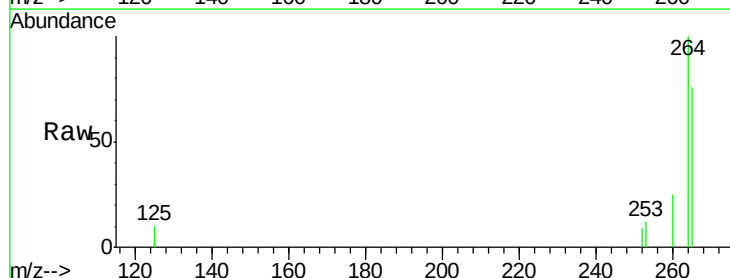
Tgt Ion:264 Resp: 8858

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

265 75.9 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

