

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
 Data File : BN010797.D
 Acq On : 06 Jun 2020 01:19
 Operator : CG/JU
 Sample : L2866-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200602

Quant Time: Jun 06 02:02:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 22:48:49 2020
 Response via : Initial Calibration

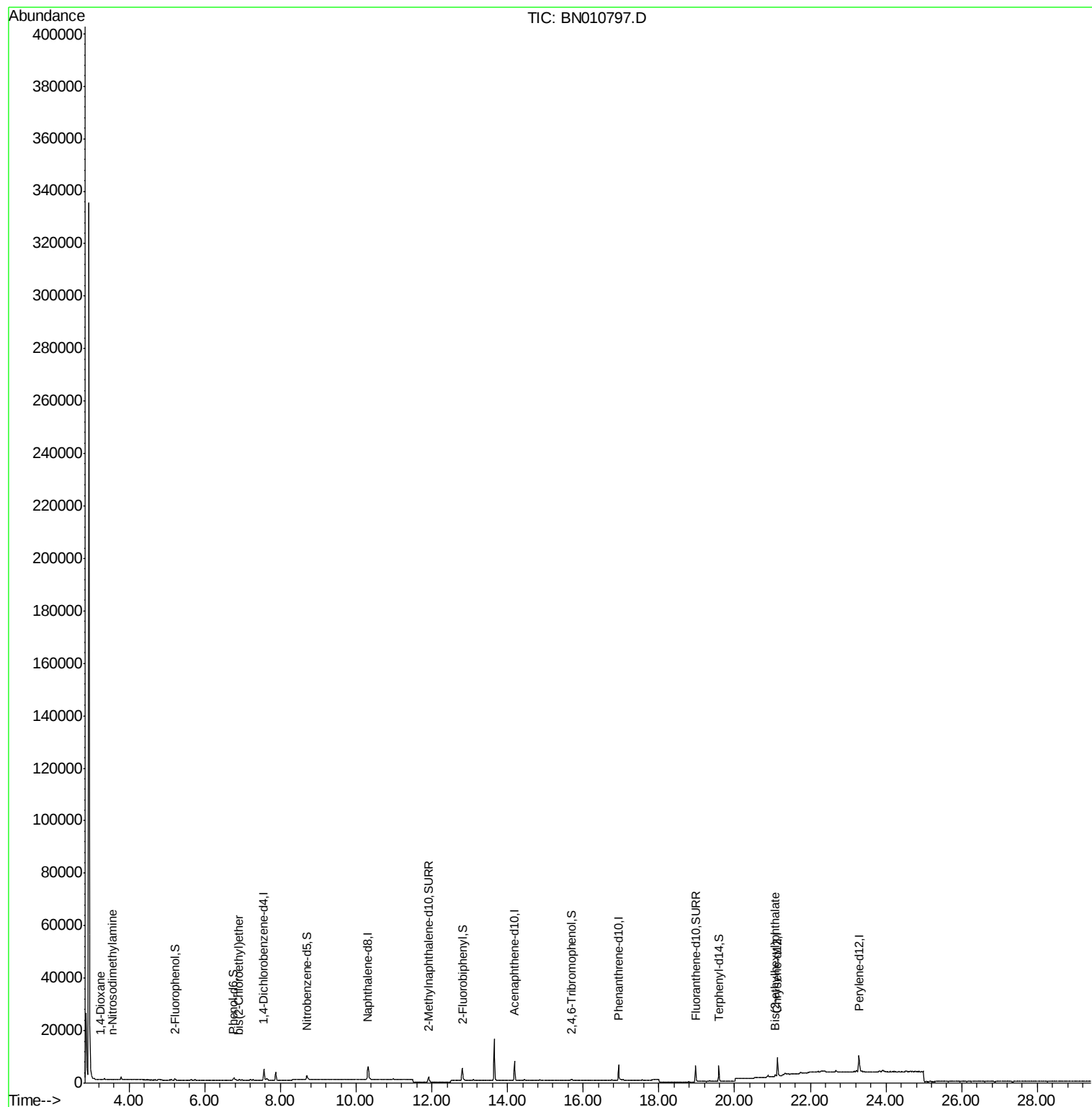
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2334	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	7658	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4229	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	8558	0.40	ng	0.00
27) Chrysene-d12	21.13	240	8265	0.40	ng	-0.01
34) Perylene-d12	23.29	264	8824	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	547	0.12	ng	0.00
5) Phenol-d6	6.75	99	334	0.06	ng	0.00
8) Nitrobenzene-d5	8.69	82	1859	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	3585	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	411	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	5414	0.33	ng	0.00
25) Fluoranthene-d10	18.97	212	8356	0.35	ng	0.00
29) Terphenyl-d14	19.58	244	6732	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	97	0.042	ng	# 60
3) n-Nitrosodimethylamine	3.56	42	42	0.031	ng	# 76
6) bis(2-Chloroethyl)ether	6.91	93	118	0.023	ng	# 34
32) Bis(2-ethylhexyl)phthalate	21.08	149	541	0.068	ng	# 94

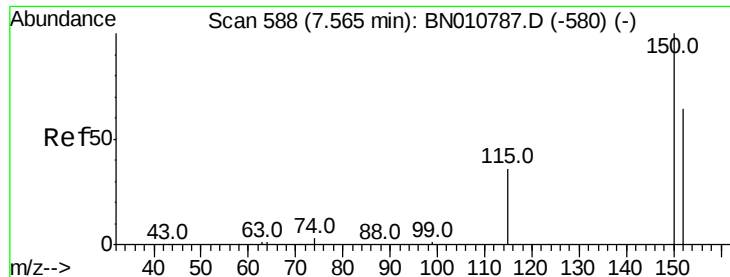
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 588

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200602

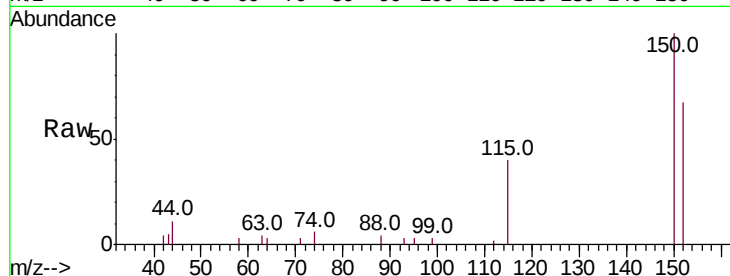
Tot Ion:152 Resp: 2334

Ion Ratio Lower Upper

152 100

150 149.9 123.6 185.4

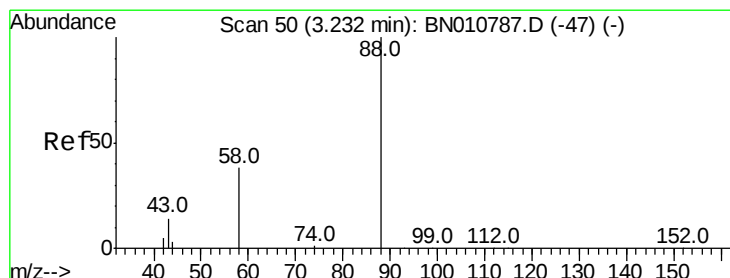
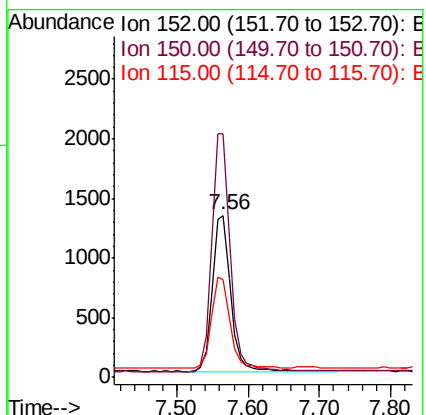
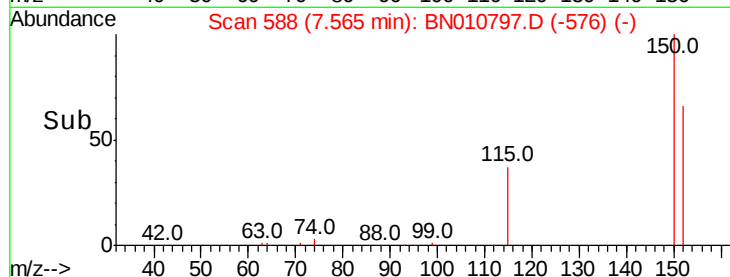
115 59.9 47.6 71.4



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: 0.042 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.01 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

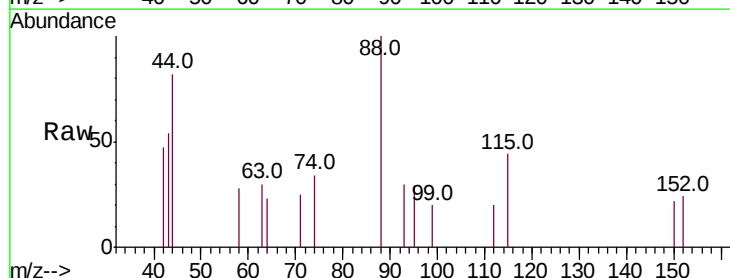
Tgt Ion: 88 Resp: 97

Ion Ratio Lower Upper

88 100

58 19.6 38.8 58.2#

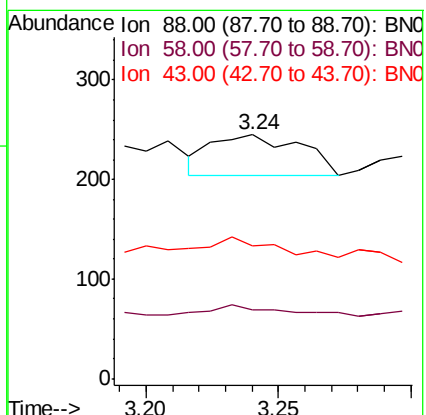
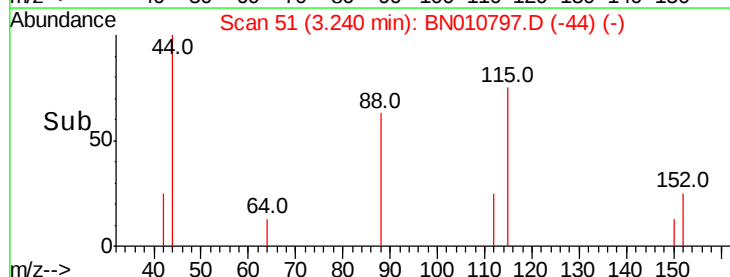
43 35.1 15.9 23.9#

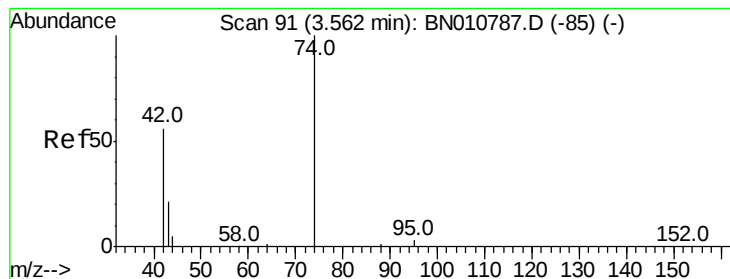


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



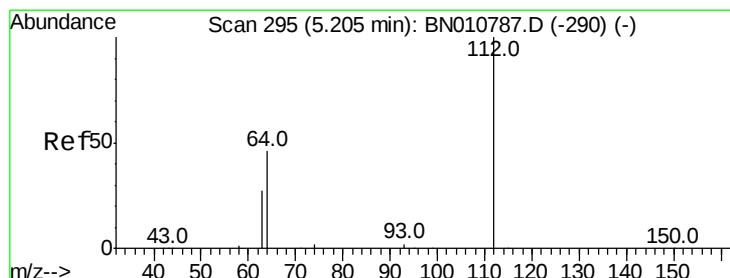
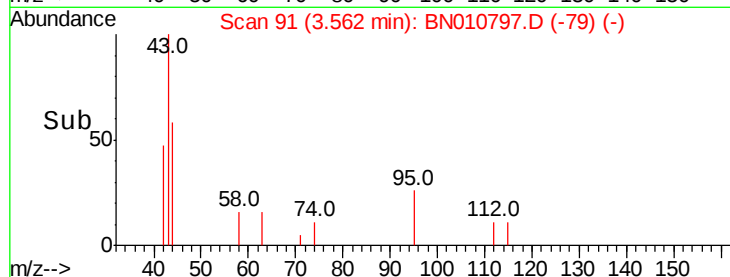
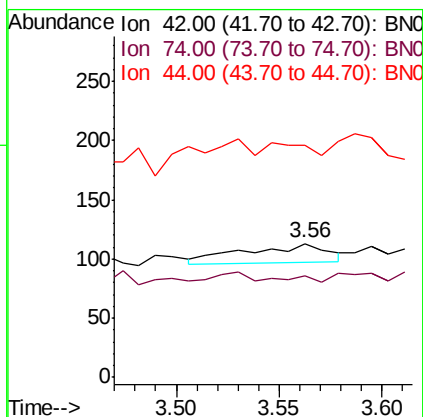
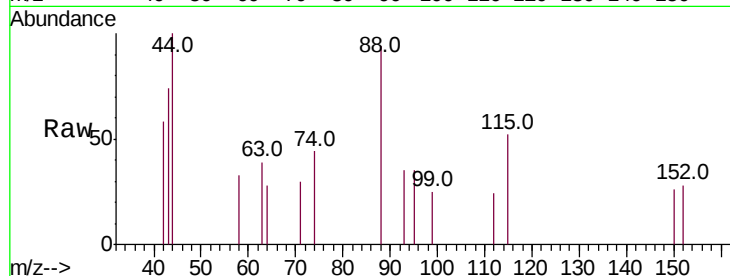


#3

n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BN010797.D
 Acq: 06 Jun 2020 01:19

Instrument :
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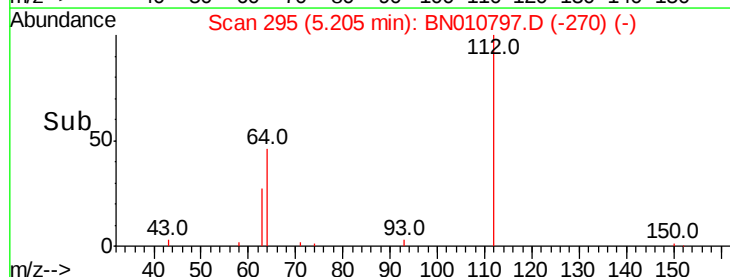
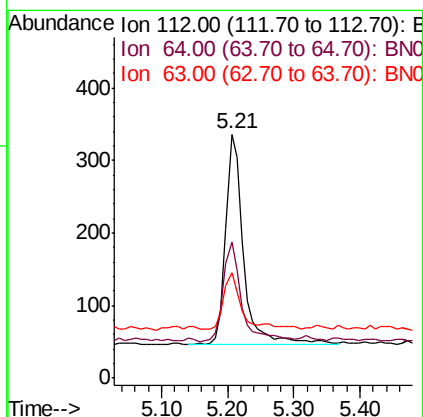
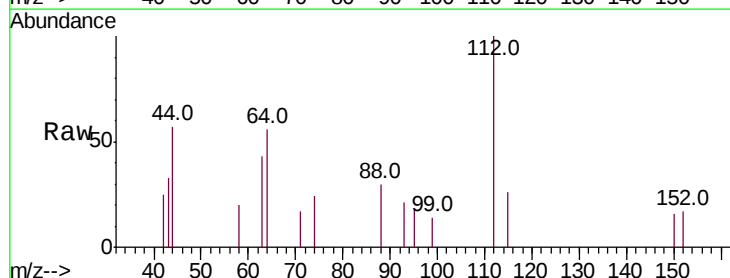
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.8	1.2#
44	0.0	7.8	11.6#

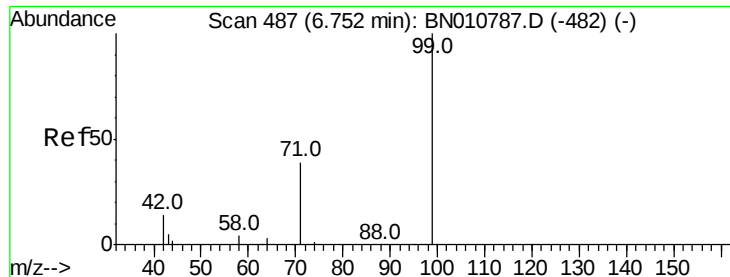


#4

2-Fluorophenol
 Concen: 0.118 ng
 RT: 5.21 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: BN010797.D
 Acq: 06 Jun 2020 01:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.4	35.8	53.8
63	23.8	20.9	31.3





#5

Phenol-d6

Concen: 0.061 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200602

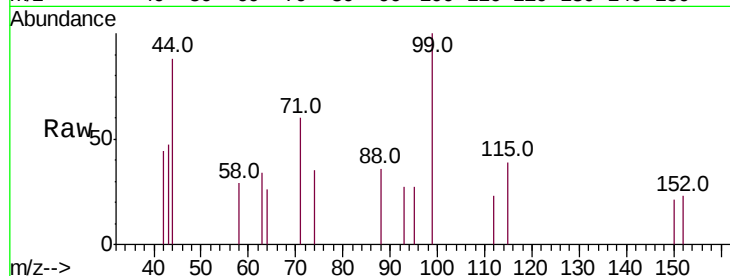
Tot Ion: 99 Resp: 334

Ion Ratio Lower Upper

99 100

42 24.9 11.1 16.7#

71 43.4 30.6 46.0

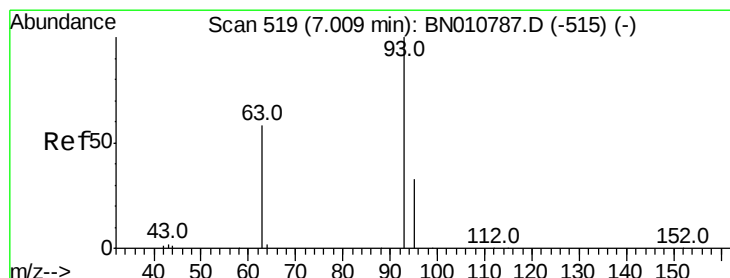
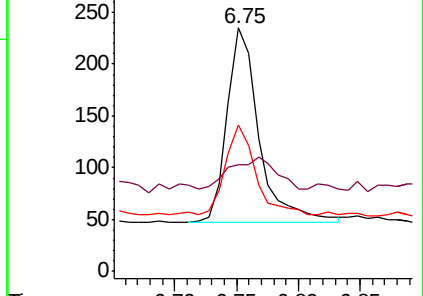
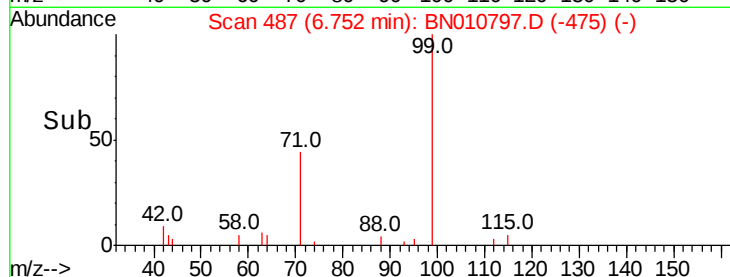


Abundance Ion 99.00 (98.70 to 99.70): BN010787.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN010787.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN010787.D (-482) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.023 ng

RT: 6.91 min Scan# 507

Delta R.T. -0.10 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

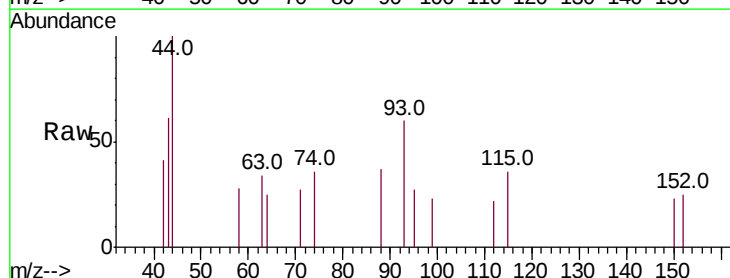
Tgt Ion: 93 Resp: 118

Ion Ratio Lower Upper

93 100

63 5.9 46.2 69.4#

95 0.0 27.6 41.4#

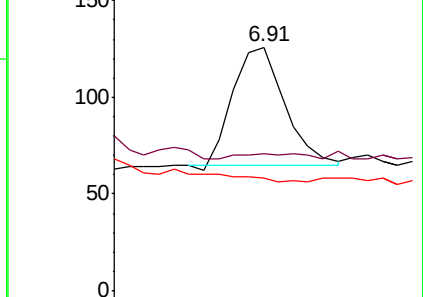
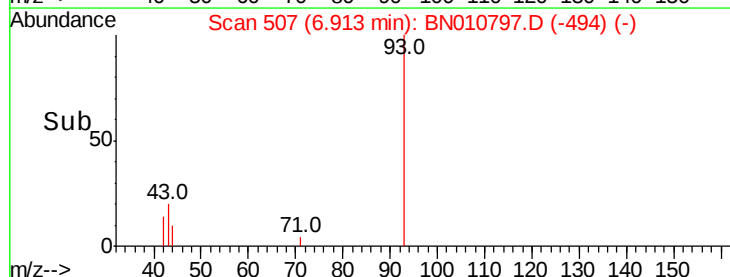


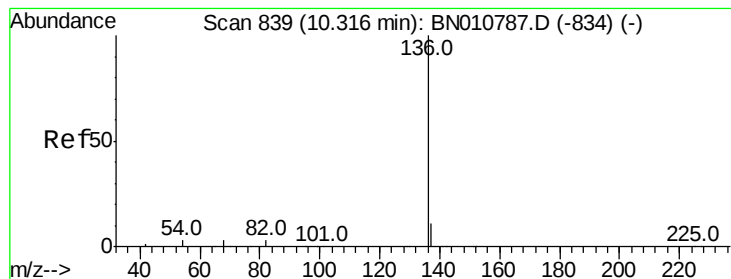
Abundance Ion 93.00 (92.70 to 93.70): BN010787.D (-515) (-)

Ion 63.00 (62.70 to 63.70): BN010787.D (-515) (-)

Ion 95.00 (94.70 to 95.70): BN010787.D (-515) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200602

Tot Ion:136 Resp: 7658

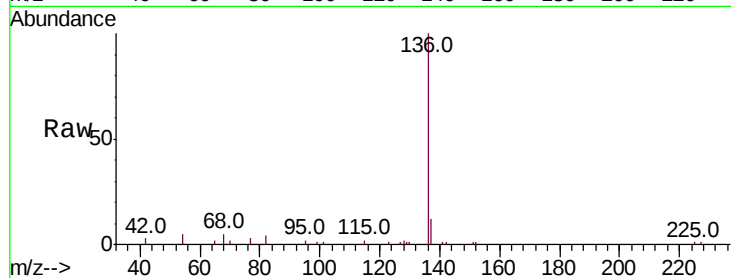
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 4.6 3.3 4.9

68 5.1 3.4 5.2

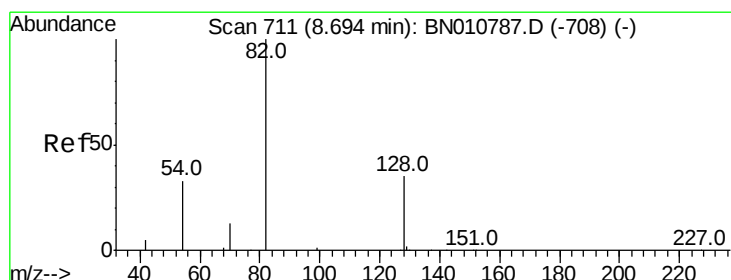
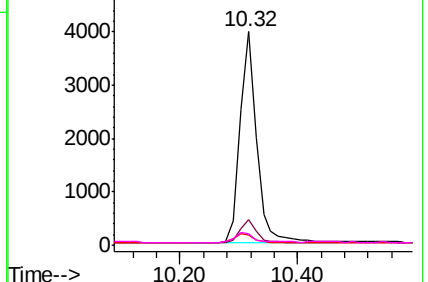
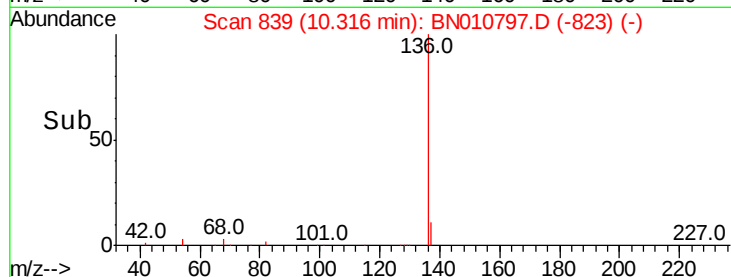


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

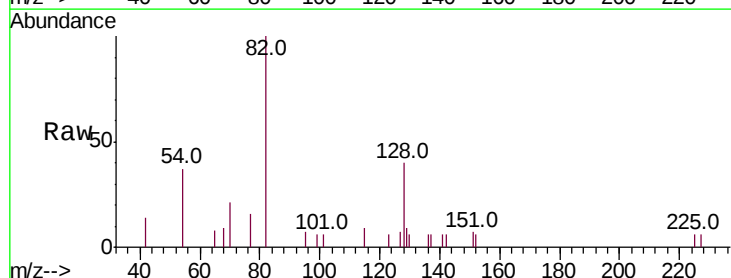
Tgt Ion: 82 Resp: 1859

Ion Ratio Lower Upper

82 100

128 39.6 31.4 47.0

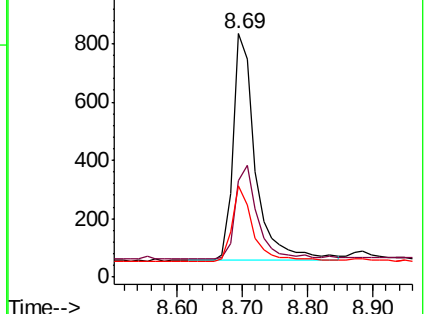
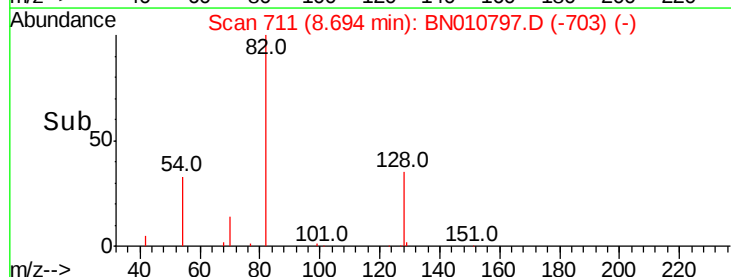
54 37.4 28.9 43.3

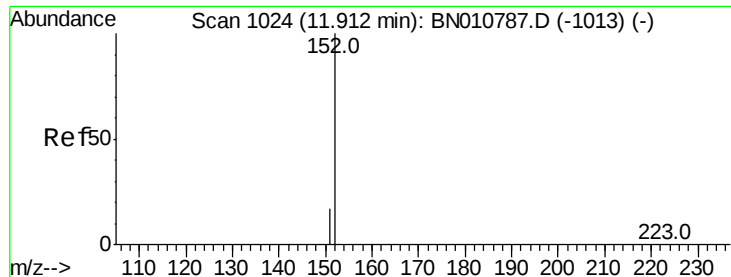


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

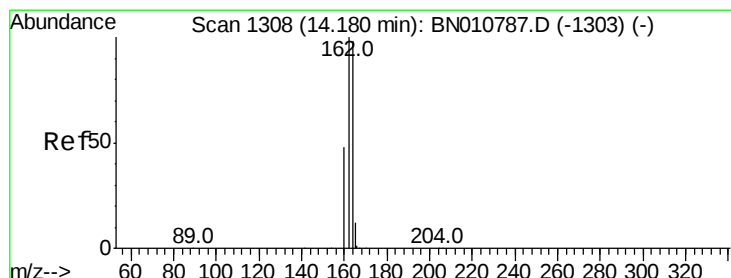
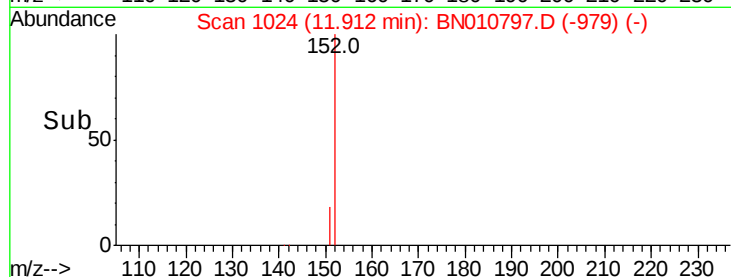
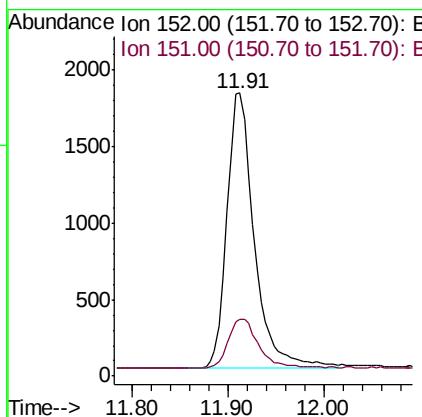
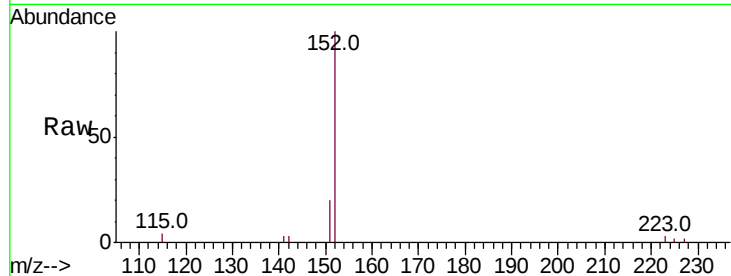




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BN010797.D
Acq: 06 Jun 2020 01:19

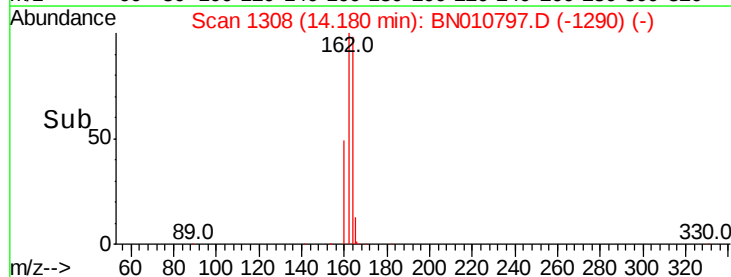
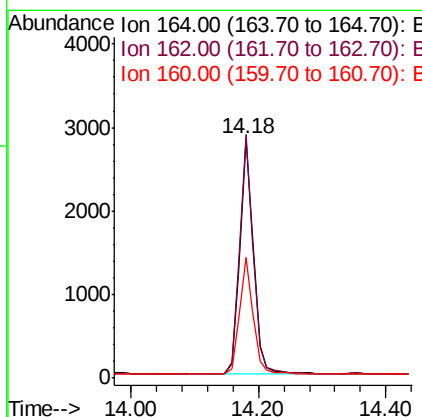
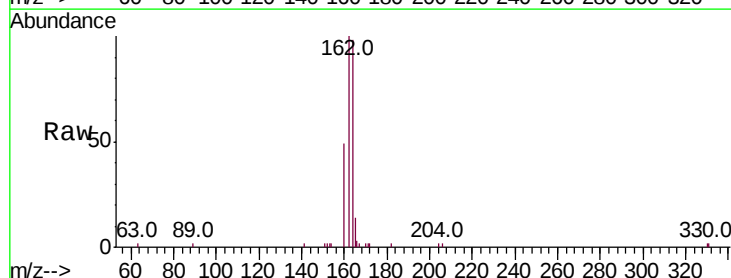
Instrument :
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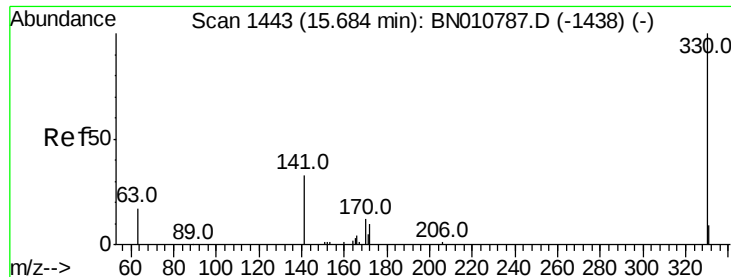
Tot Ion:152 Resp: 3585
Ion Ratio Lower Upper
152 100
151 19.9 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BN010797.D
Acq: 06 Jun 2020 01:19

Tgt Ion:164 Resp: 4229
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.8
160 50.4 40.2 60.2





#14

2,4,6-Tribromophenol

Concen: 0.278 ng

RT: 15.68 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200602

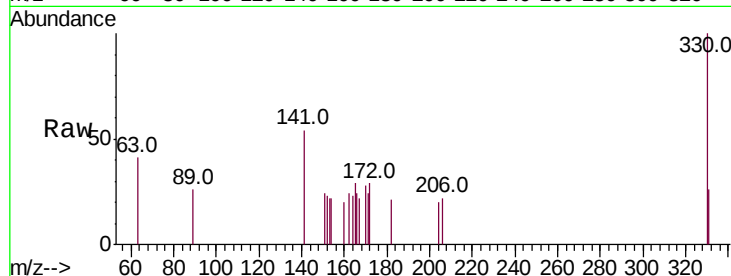
Tot Ion:330 Resp: 411

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

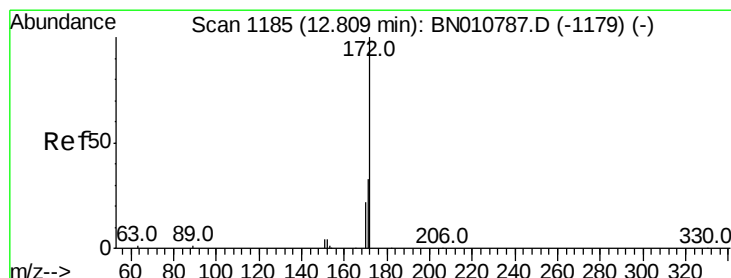
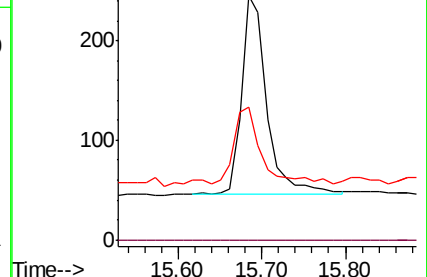
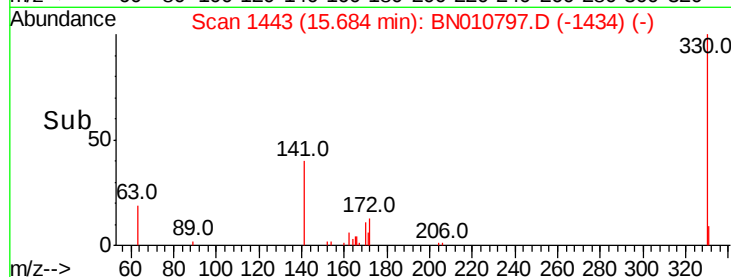
141 43.6 32.1 48.1



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: 0.329 ng

RT: 12.81 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

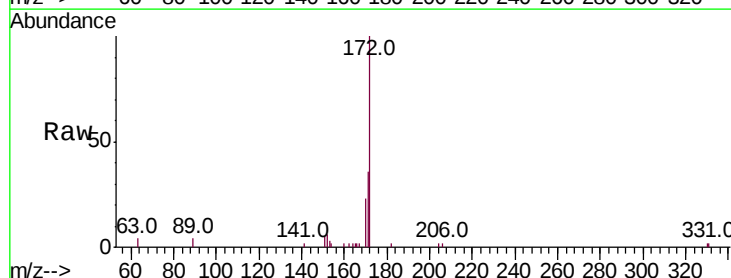
Tgt Ion:172 Resp: 5414

Ion Ratio Lower Upper

172 100

171 35.6 27.2 40.8

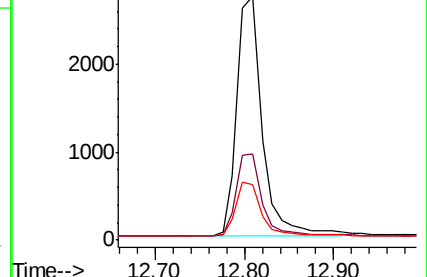
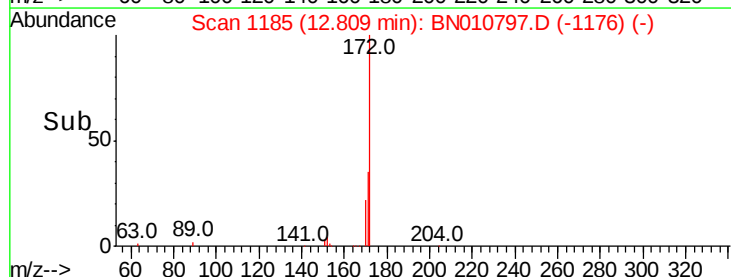
170 23.0 18.1 27.1

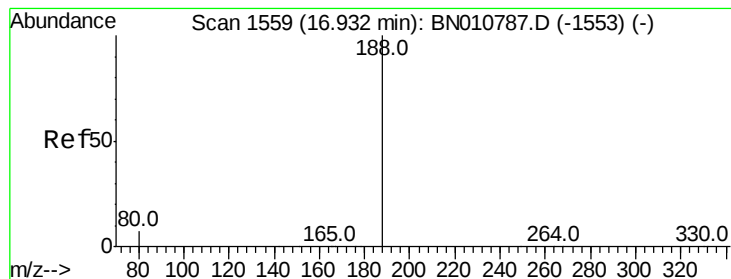


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.93 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

Instrument :

BNA_N

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OUTFALL001-200602

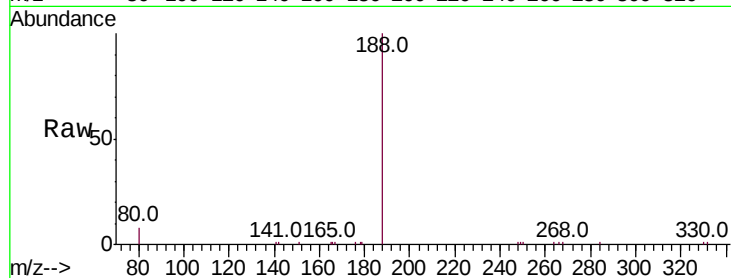
Tot Ion:188 Resp: 8558

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

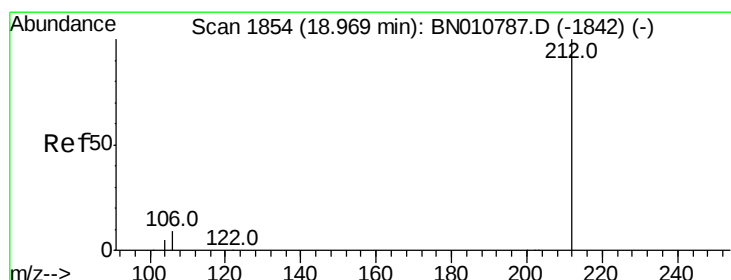
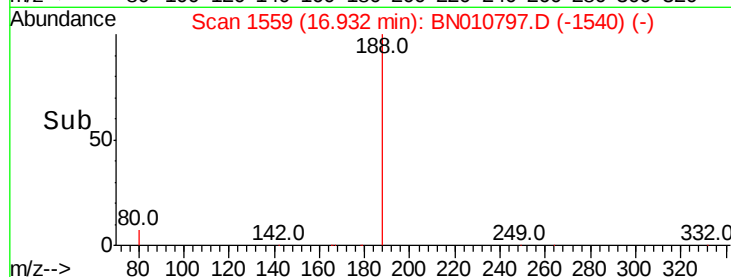
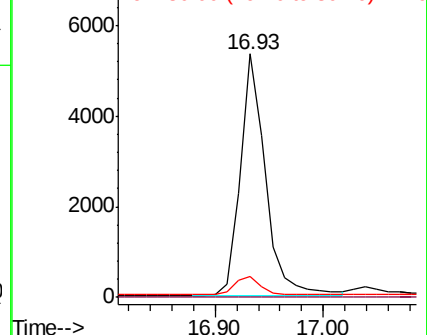
80 8.4 5.9 8.9



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: 0.352 ng

RT: 18.97 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

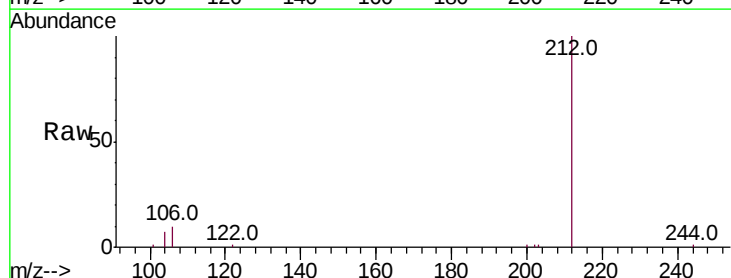
Tgt Ion:212 Resp: 8356

Ion Ratio Lower Upper

212 100

106 8.9 7.1 10.7

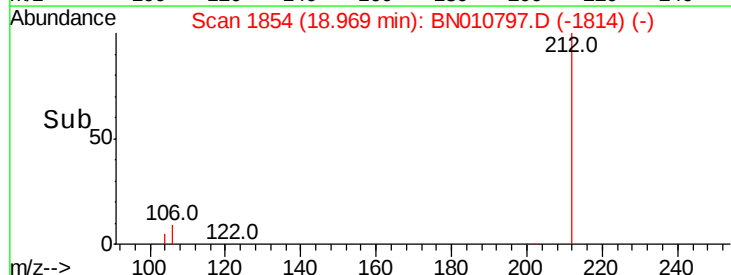
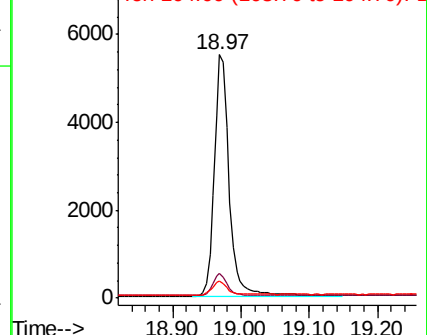
104 5.3 4.1 6.1

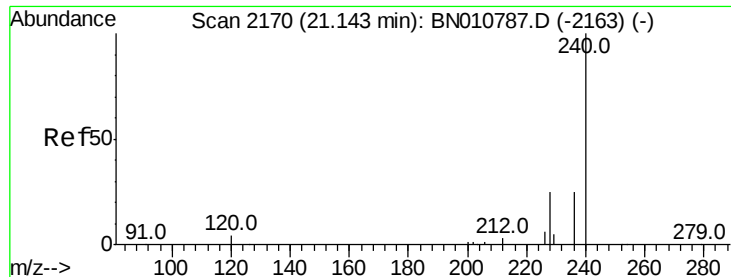


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.13 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200602

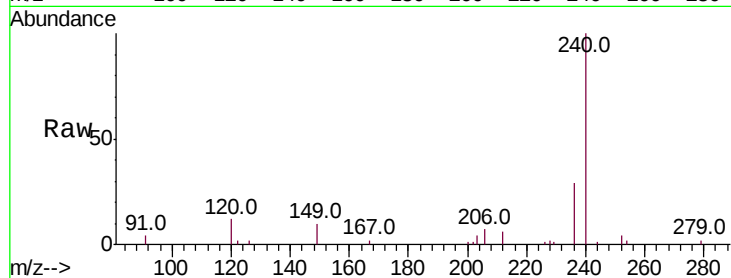
Tot Ion:240 Resp: 8265

Ion Ratio Lower Upper

240 100

120 11.9 5.2 7.8#

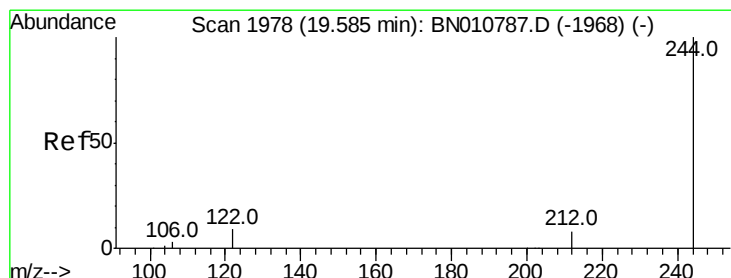
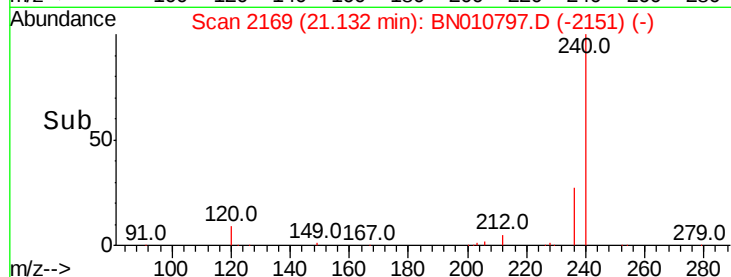
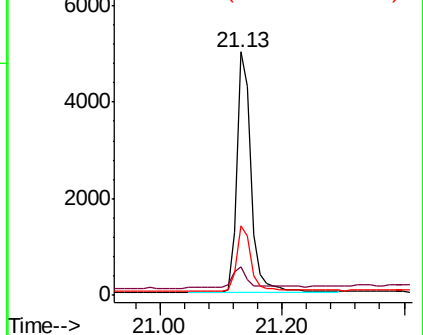
236 28.8 21.3 31.9



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: 0.365 ng

RT: 19.58 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BN010797.D

Acq: 06 Jun 2020 01:19

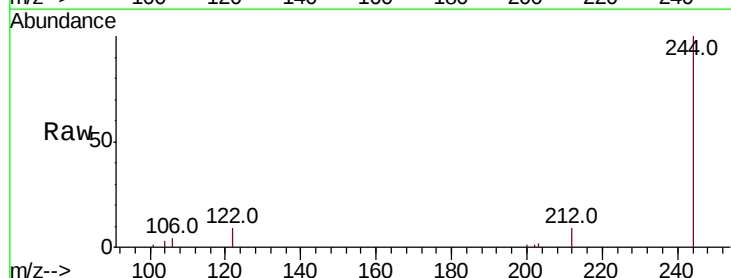
Tgt Ion:244 Resp: 6732

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

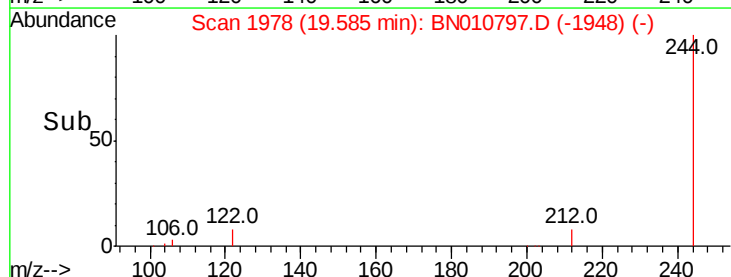
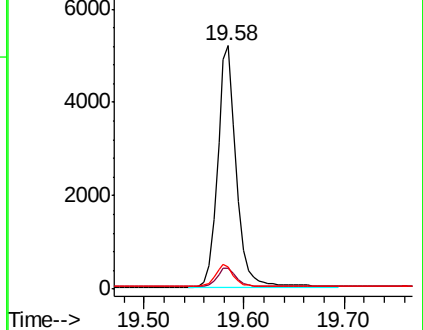
122 9.0 7.8 11.6

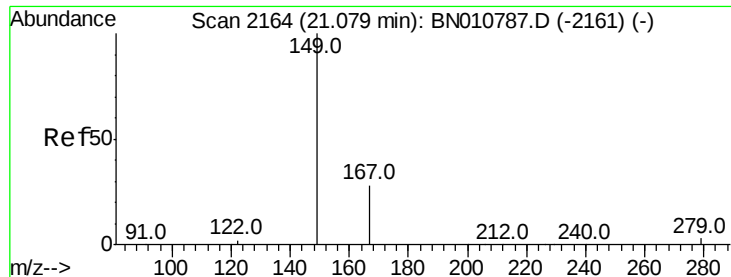


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

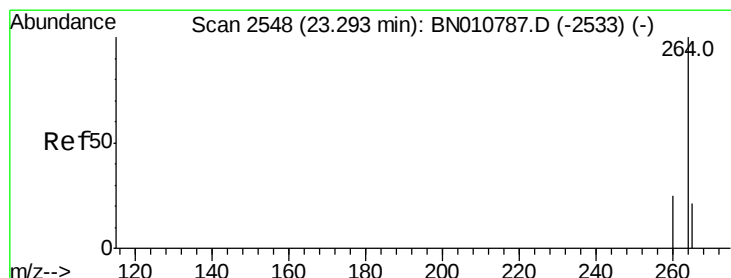
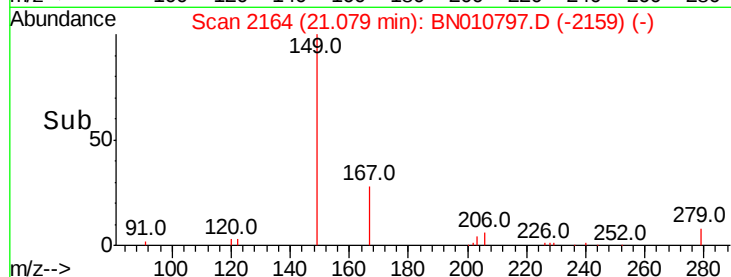
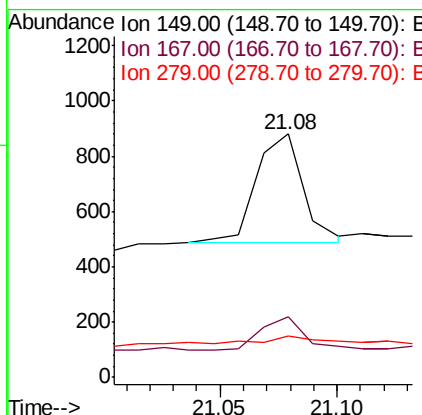
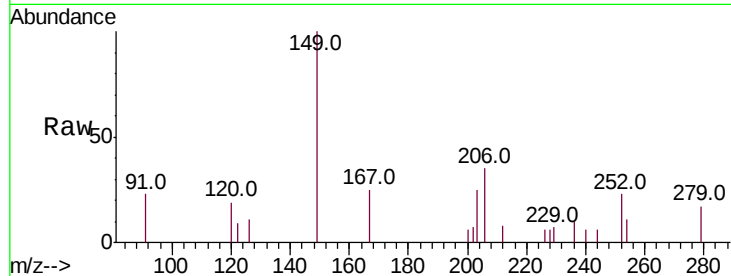




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.08 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BN010797.D
 Acq: 06 Jun 2020 01:19

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200602

Tot Ion:149 Resp: 541
 Ion Ratio Lower Upper
 149 100
 167 31.2 22.9 34.3
 279 8.9 4.2 6.2#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.29 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BN010797.D
 Acq: 06 Jun 2020 01:19

Tgt Ion:264 Resp: 8824
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.3 30.5
 265 82.1 61.7 92.5

