

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007746.D
 Acq On : 19 Sep 2019 18:11
 Operator : HP/JU
 Sample : K4952-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-190917

Quant Time: Sep 20 01:49:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

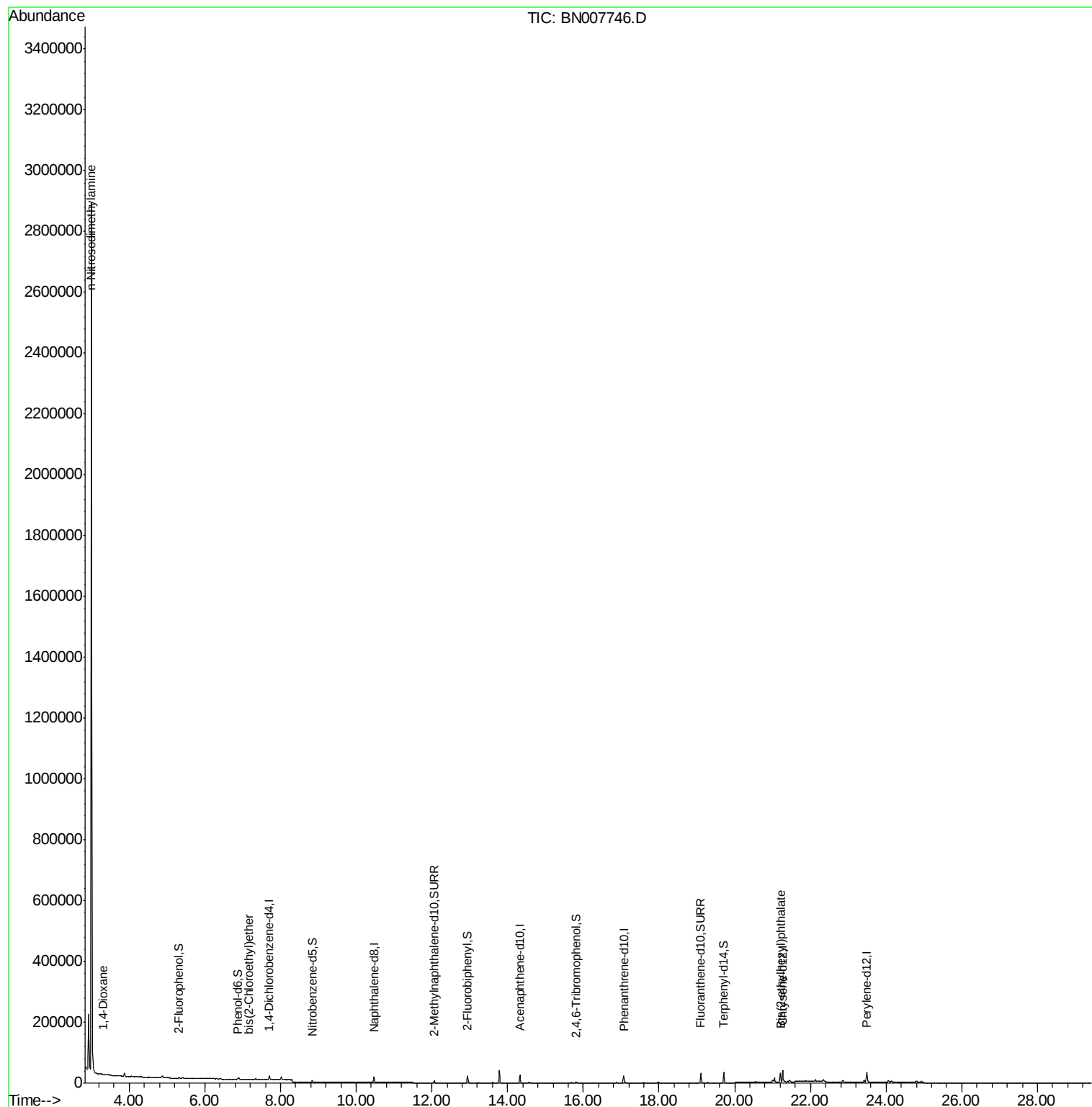
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6145	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23402	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14296	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	32030	0.40	ng	0.00
27) Chrysene-d12	21.27	240	37682	0.40	ng	0.00
34) Perylene-d12	23.49	264	41545	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2167	0.10	ng	0.00
5) Phenol-d6	6.87	99	1665	0.06	ng	0.00
8) Nitrobenzene-d5	8.83	82	5890	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	13272	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1458	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	21475	0.36	ng	0.00
25) Fluoranthene-d10	19.10	212	38234	0.35	ng	0.00
29) Terphenyl-d14	19.71	244	35104	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	221	0.032	ng	Qvalue # 32
3) n-Nitrosodimethylamine	3.01	42	214963	68.523	ng	# 67
6) bis(2-Chloroethyl)ether	7.15	93	1198	0.069	ng	# 28
32) Bis(2-ethylhexyl)phthalate	21.21	149	30859	0.432	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

Instrument :

BNA_N

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OUTFALL001-190917

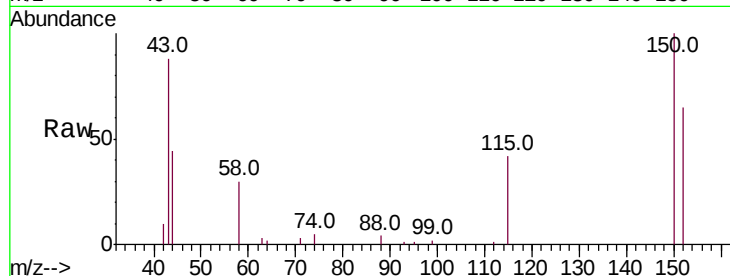
Tot Ion:152 Resp: 6145

Ion Ratio Lower Upper

152 100

150 154.8 125.6 188.4

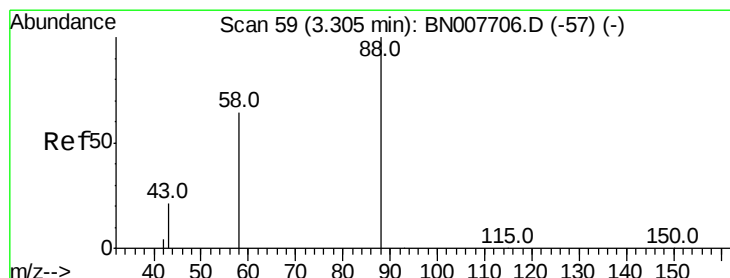
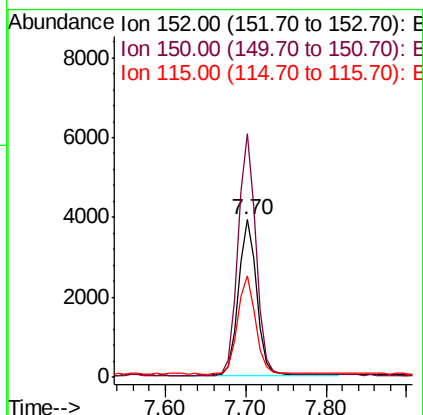
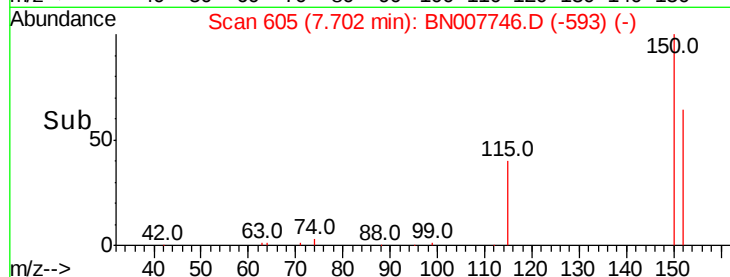
115 64.3 53.3 79.9



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: 0.032 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

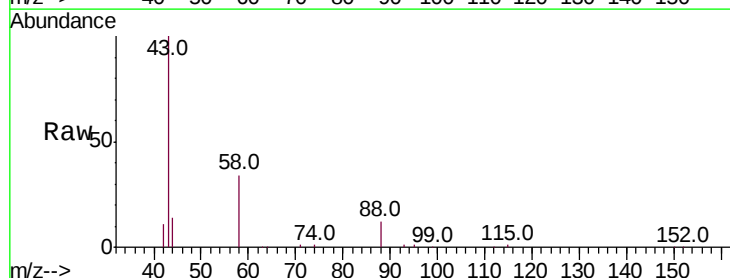
Tgt Ion: 88 Resp: 221

Ion Ratio Lower Upper

88 100

58 0.0 44.6 66.8#

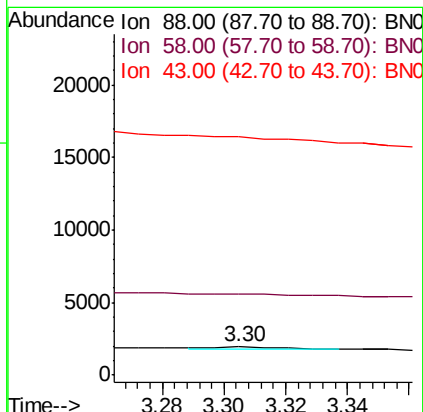
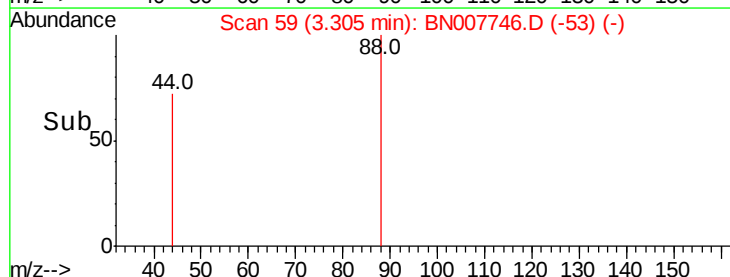
43 0.0 14.4 21.6#



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

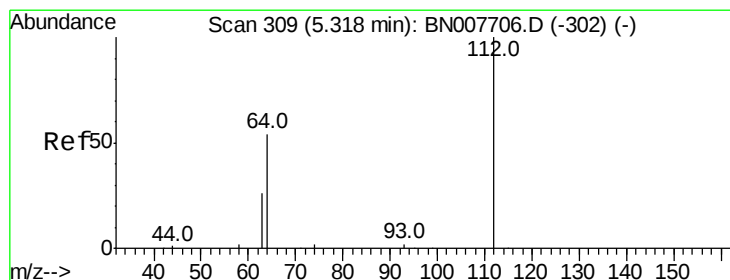
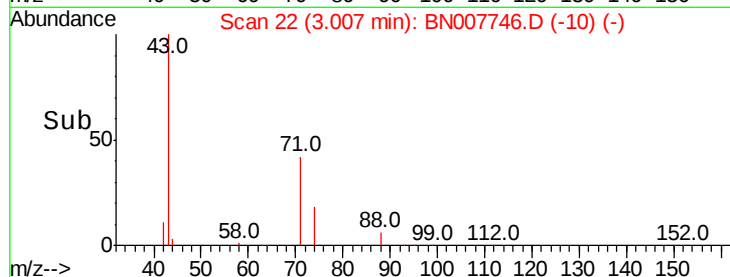
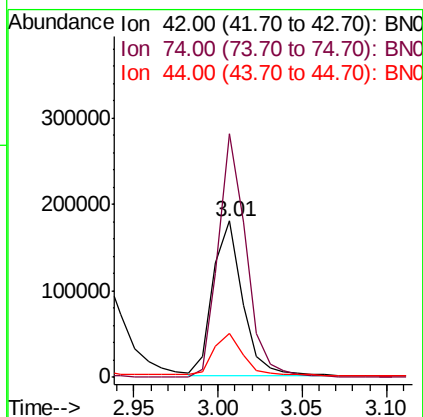
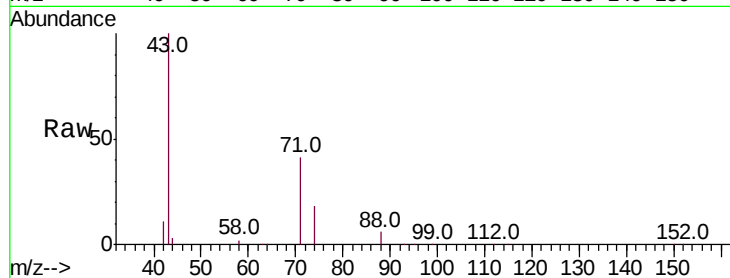




#3
n-Nitrosodimethylamine
Concen: 68.523 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007746.D
Acq: 19 Sep 2019 18:11

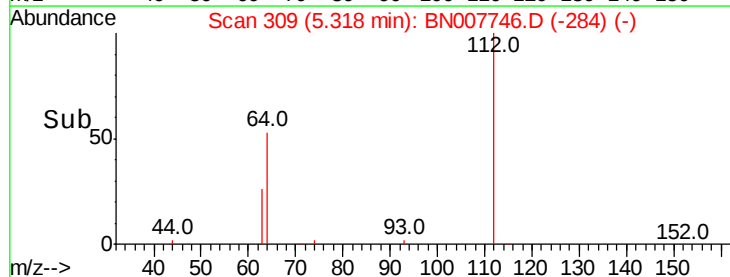
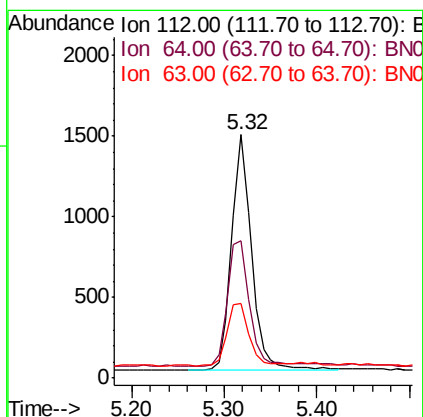
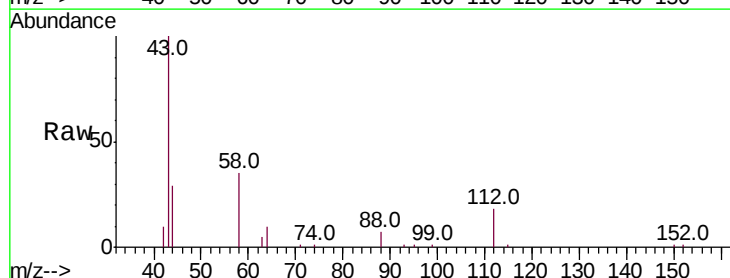
Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190917

Tot Ion: 42 Resp: 214963
Ion Ratio Lower Upper
42 100
74 150.8 87.9 131.9#
44 26.9 29.4 44.0#



#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007746.D
Acq: 19 Sep 2019 18:11

Tgt Ion: 112 Resp: 2167
Ion Ratio Lower Upper
112 100
64 59.7 46.6 70.0
63 28.5 23.1 34.7





#5

Phenol-d6

Concen: 0.058 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190917

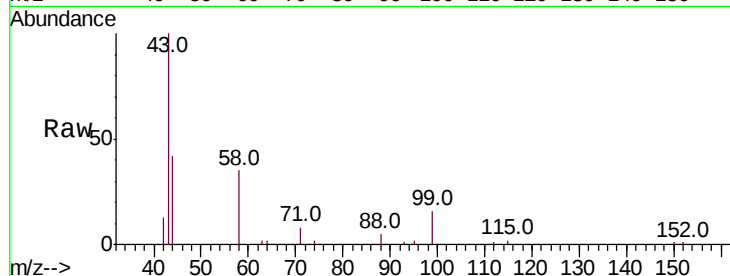
Tot Ion: 99 Resp: 1665

Ion Ratio Lower Upper

99 100

42 0.0 12.8 19.2#

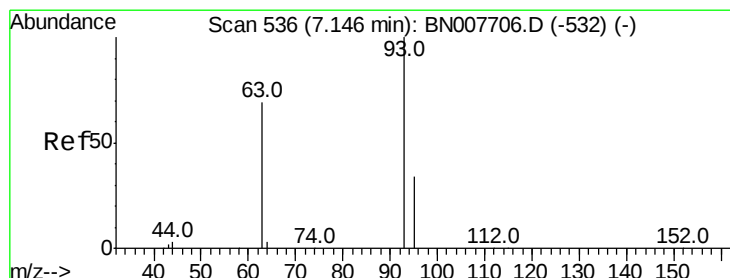
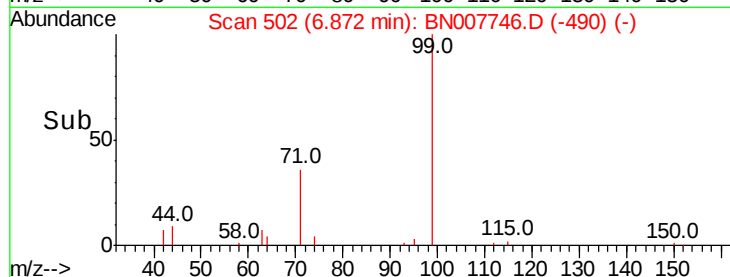
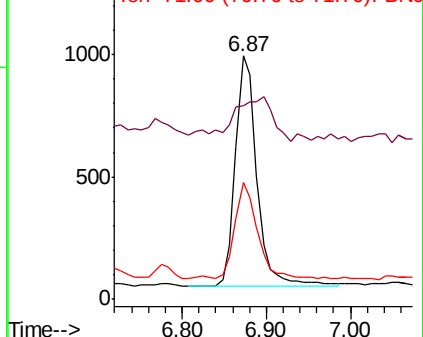
71 42.9 27.6 41.4#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.069 ng

RT: 7.15 min Scan# 537

Delta R.T. 0.01 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

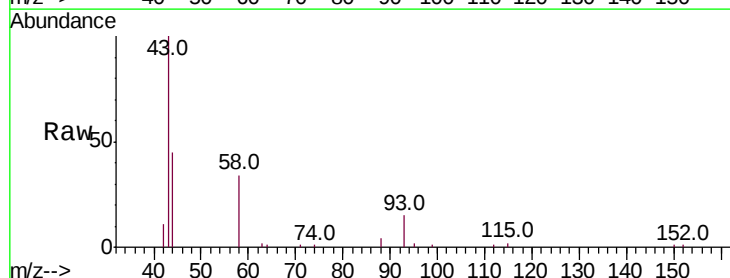
Tgt Ion: 93 Resp: 1198

Ion Ratio Lower Upper

93 100

63 3.1 59.3 88.9#

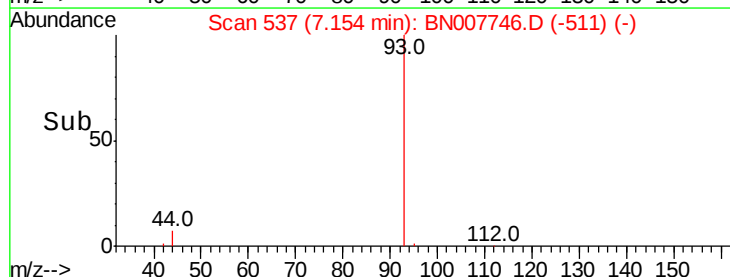
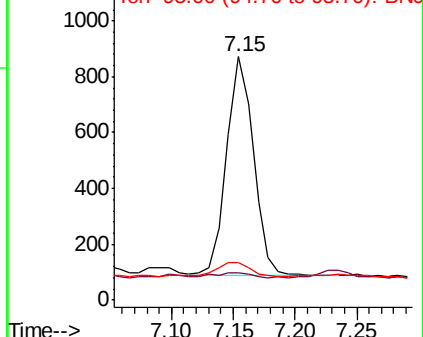
95 8.2 31.4 47.0#

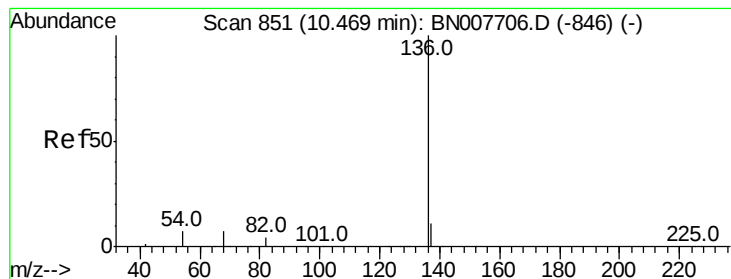


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190917

Tot Ion:136 Resp: 23402

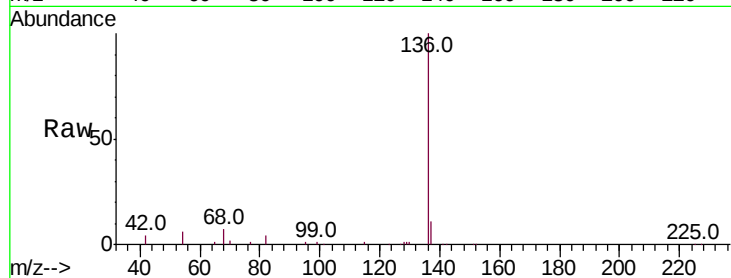
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.2 5.8 8.8

68 6.8 6.5 9.7

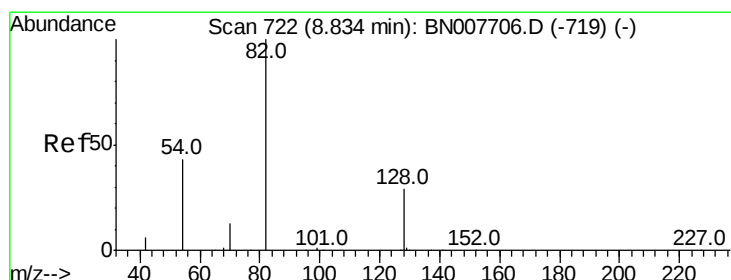
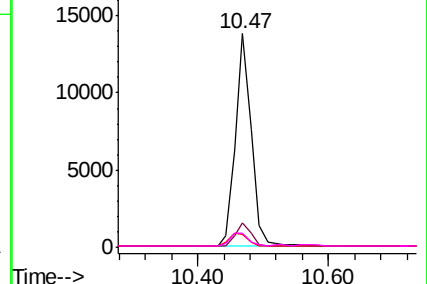
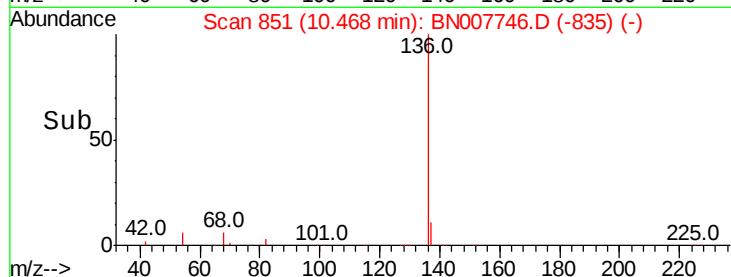


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.288 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

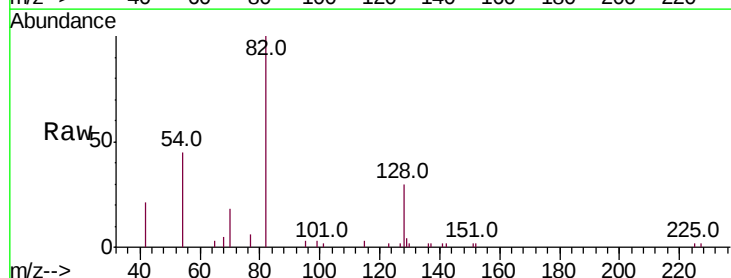
Tgt Ion: 82 Resp: 5890

Ion Ratio Lower Upper

82 100

128 30.4 24.5 36.7

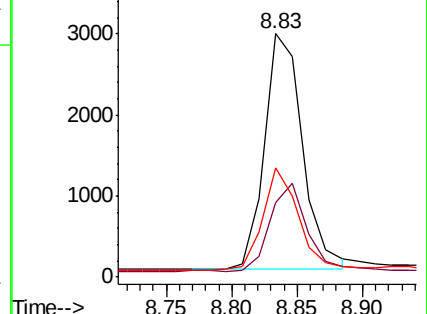
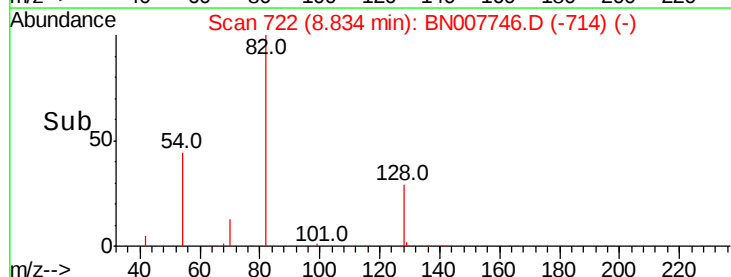
54 44.9 35.2 52.8

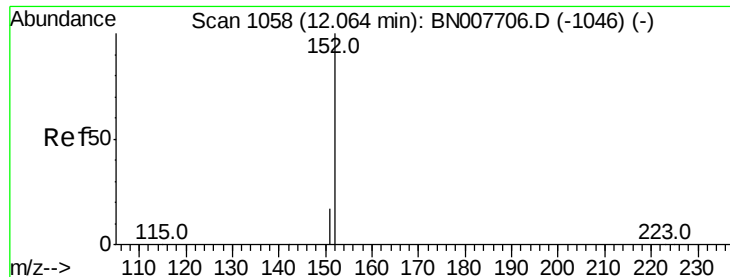


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

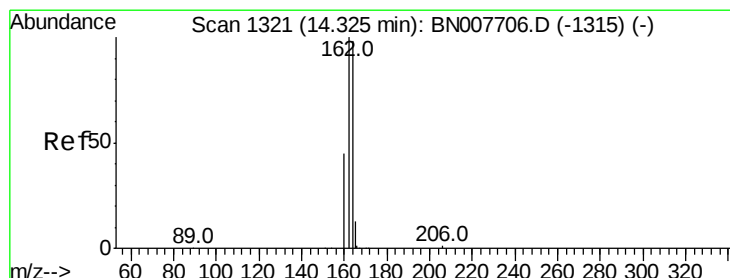
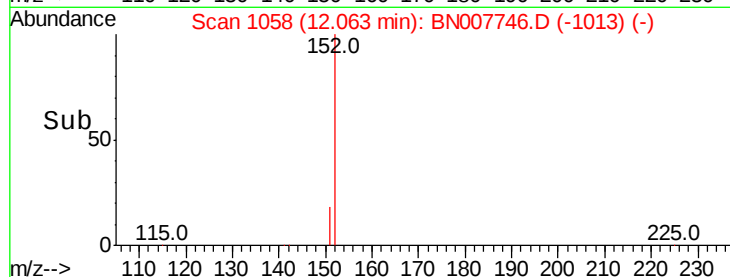
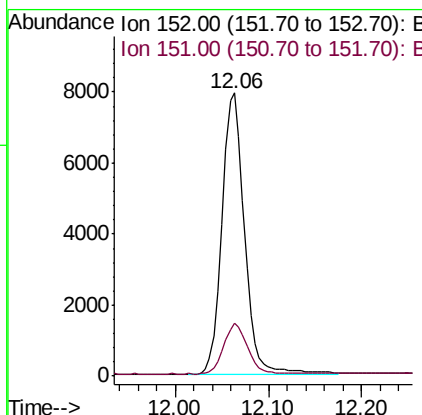
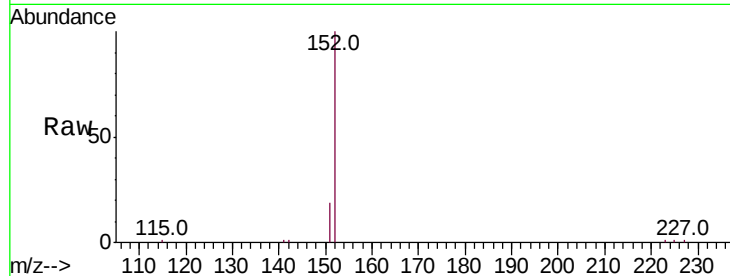




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007746.D
Acq: 19 Sep 2019 18:11

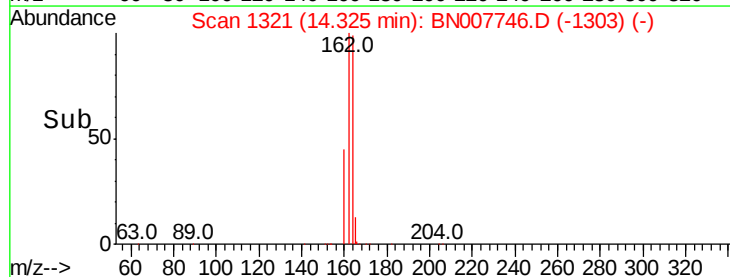
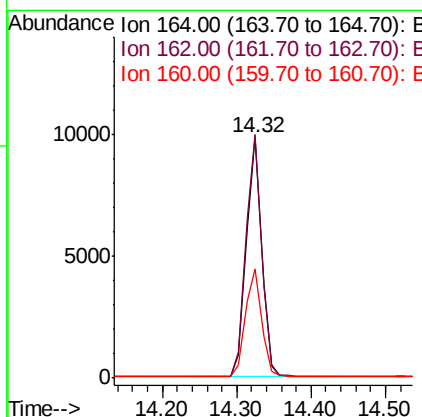
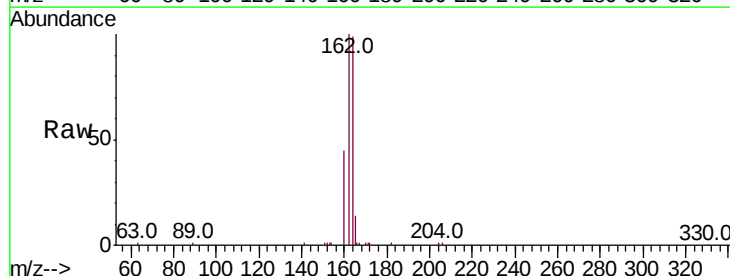
Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190917

Tot Ion:152 Resp: 13272
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007746.D
Acq: 19 Sep 2019 18:11

Tgt Ion:164 Resp: 14296
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 45.6 37.0 55.4

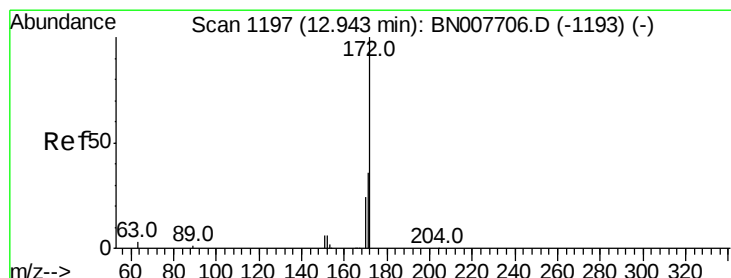
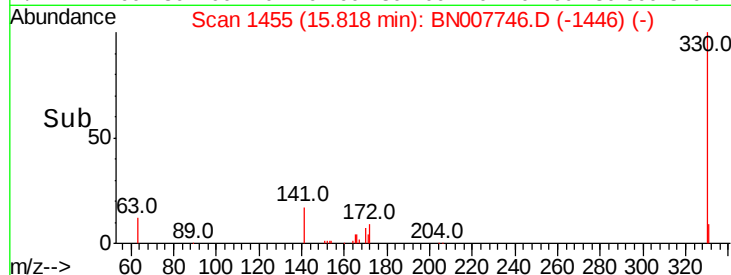
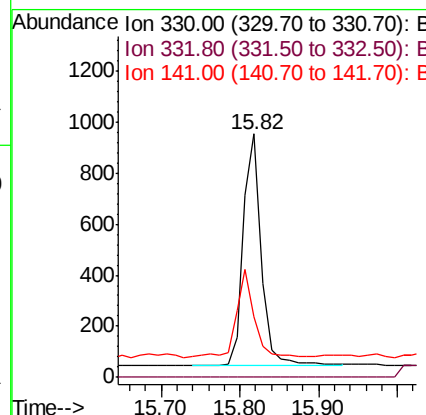
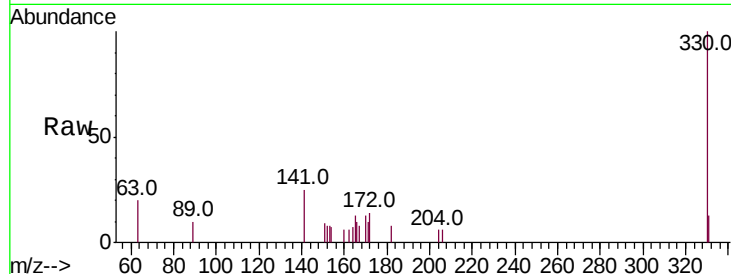




#14
 2,4,6-Tribromophenol
 Concen: 0.187 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN007746.D
 Acq: 19 Sep 2019 18:11

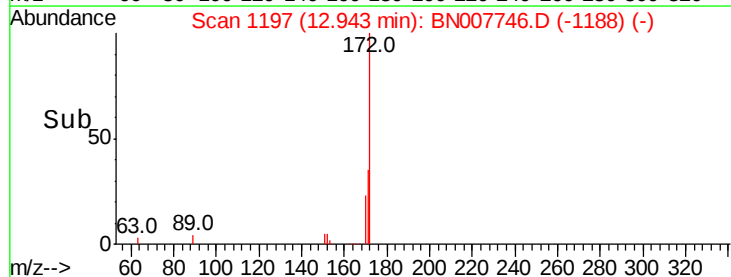
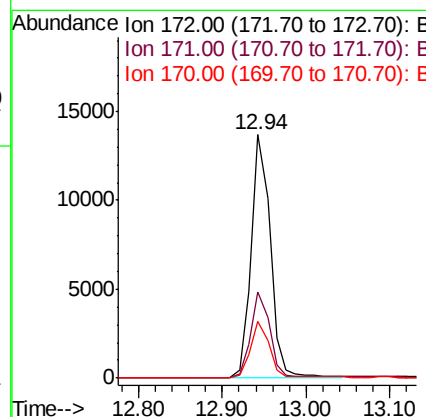
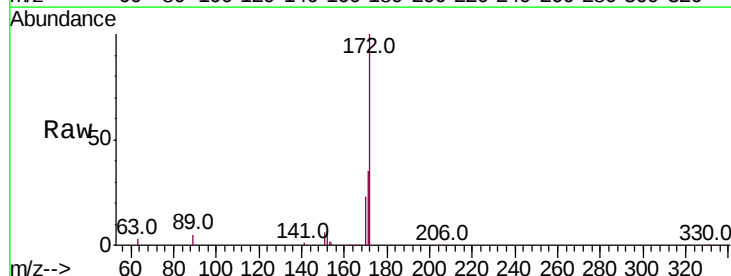
Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-190917

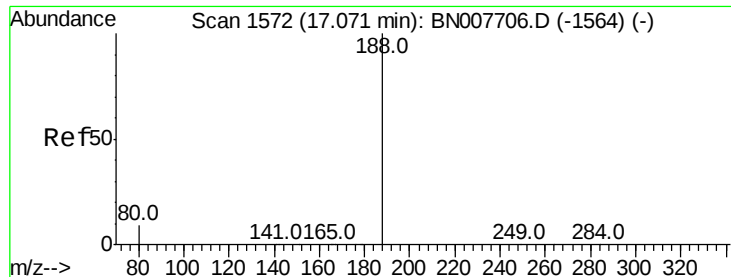
Tot Ion:330 Resp: 1458
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.7 28.7 43.1



#15
 2-Fluorobiphenyl
 Concen: 0.365 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BN007746.D
 Acq: 19 Sep 2019 18:11

Tgt Ion:172 Resp: 21475
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.3 19.5 29.3

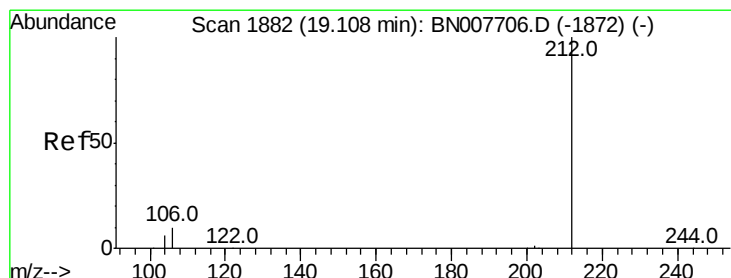
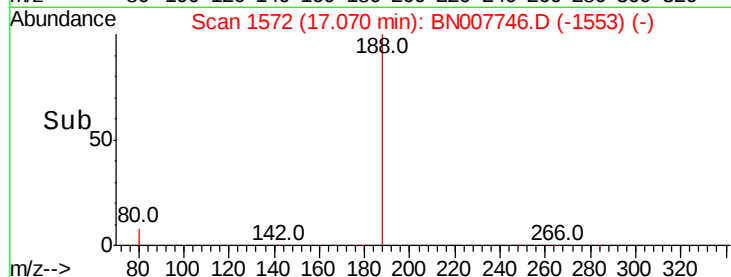
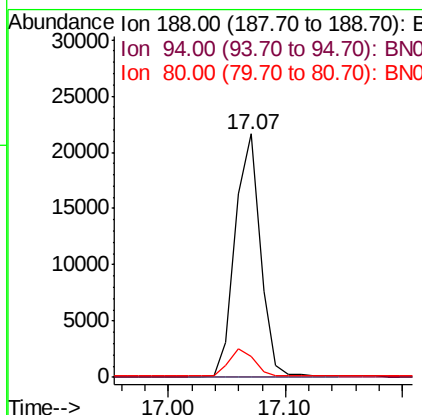
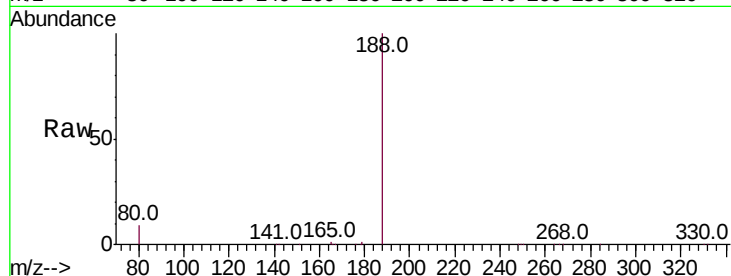




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007746.D
Acq: 19 Sep 2019 18:11

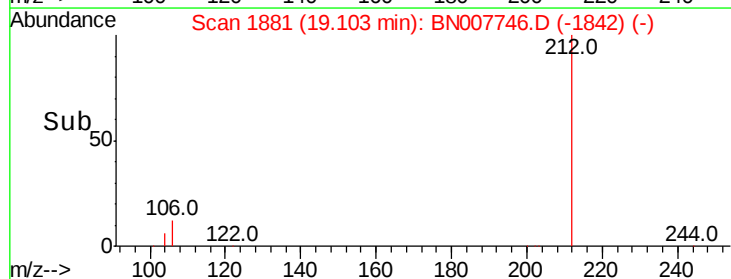
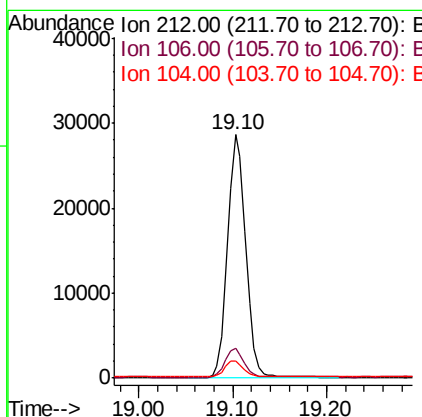
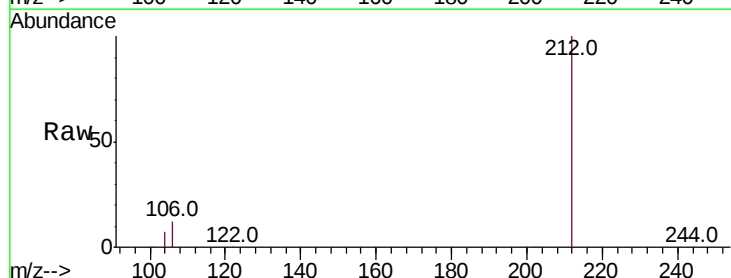
Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190917

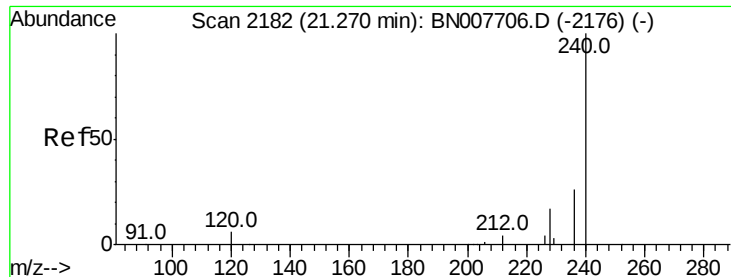
Tot Ion:188 Resp: 32030
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.4 11.2



#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007746.D
Acq: 19 Sep 2019 18:11

Tgt Ion:212 Resp: 38234
Ion Ratio Lower Upper
212 100
106 12.2 9.4 14.0
104 6.7 5.3 7.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190917

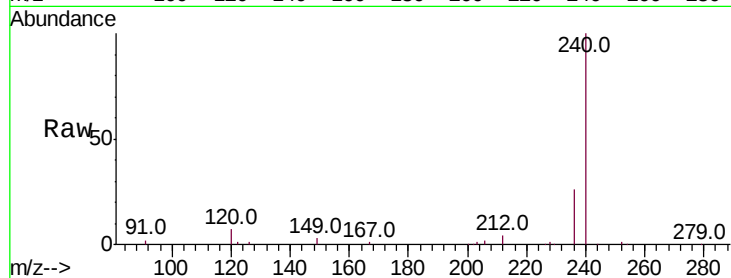
Tot Ion:240 Resp: 37682

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.2

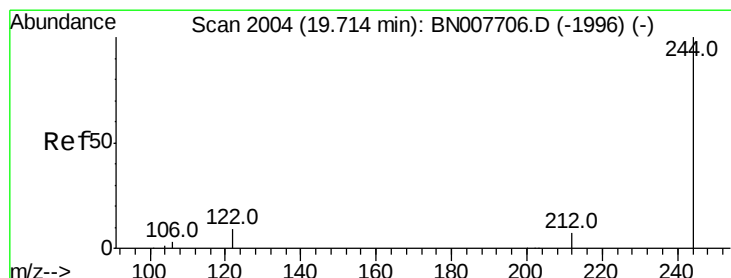
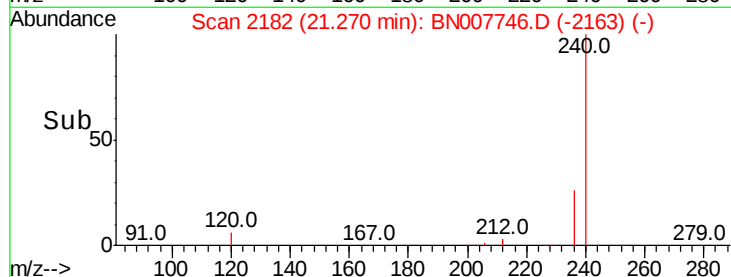
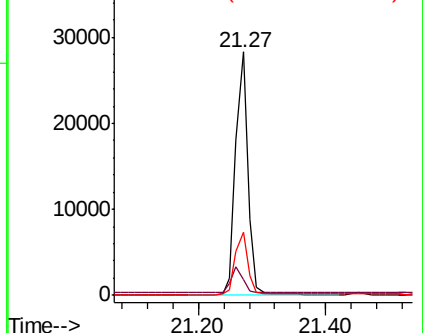
236 26.1 21.0 31.4



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: 0.379 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

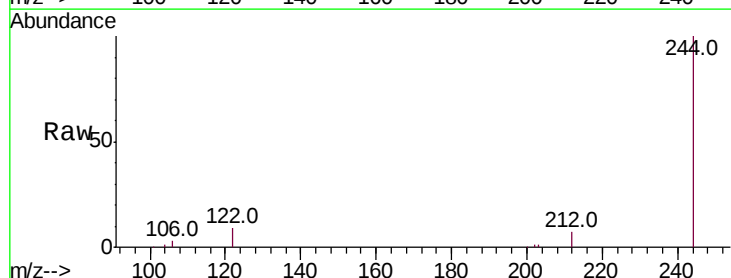
Tgt Ion:244 Resp: 35104

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

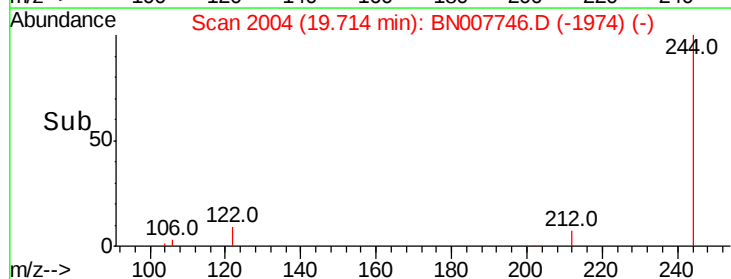
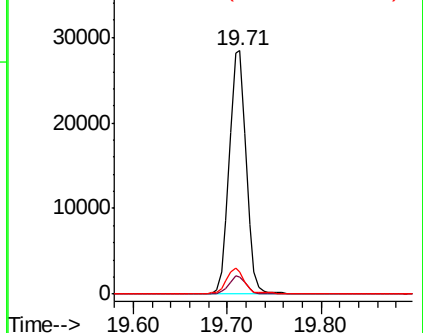
122 9.0 7.4 11.2

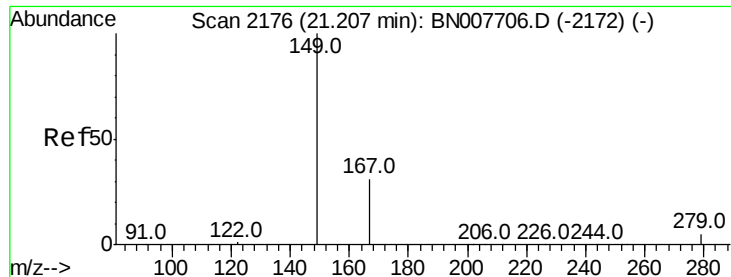


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.432 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190917

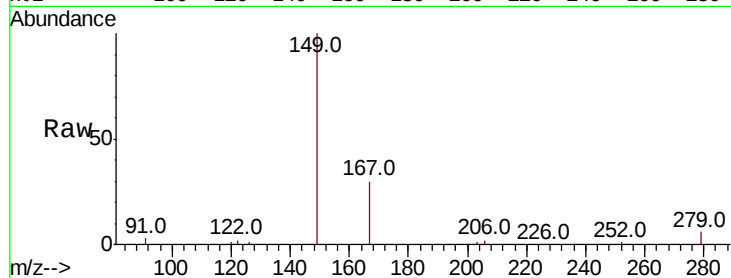
Tot Ion:149 Resp: 30859

Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

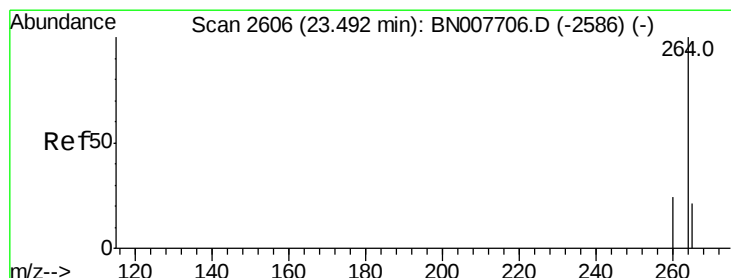
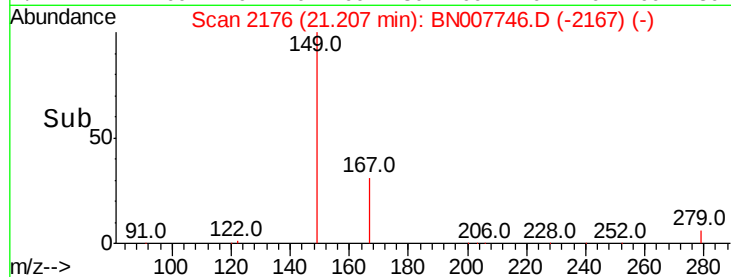
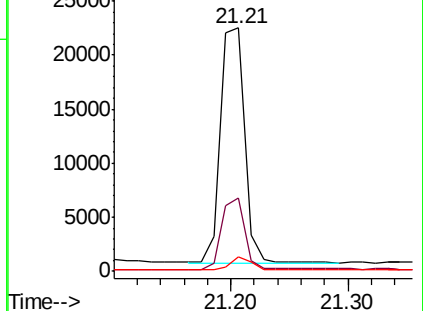
279 4.8 4.2 6.2



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: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007746.D

Acq: 19 Sep 2019 18:11

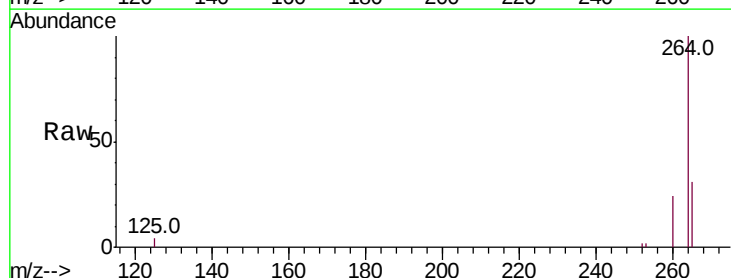
Tgt Ion:264 Resp: 41545

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 31.4 26.9 40.3



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

