

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071020\
 Data File : BN011136.D
 Acq On : 09 Jul 2020 17:26
 Operator : CG/JU
 Sample : L3239-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200707

Quant Time: Jul 09 17:55:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 15:33:27 2020
 Response via : Initial Calibration

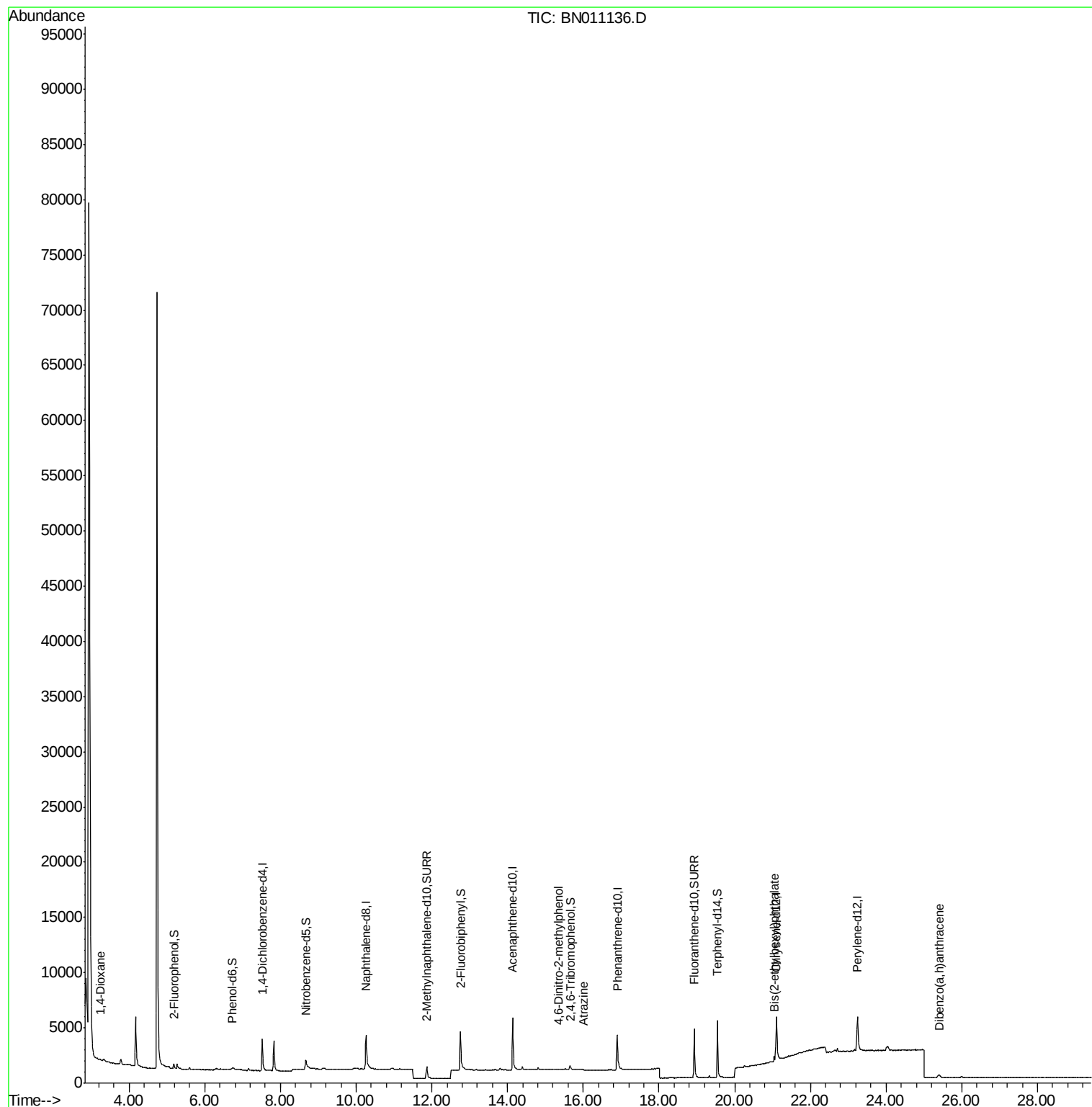
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1796	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	6325	0.40	ng	0.01
13) Acenaphthene-d10	14.13	164	3339	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	7523	0.40	ng	0.01
29) Chrysene-d12	21.10	240	5386	0.40	ng	0.00
36) Perylene-d12	23.24	264	5421	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	596	0.13	ng	0.00
5) Phenol-d6	6.74	99	362	0.07	ng	0.02
8) Nitrobenzene-d5	8.67	82	1576	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.86	152	2598	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	434	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	4902	0.31	ng	0.01
27) Fluoranthene-d10	18.93	212	6511	0.29	ng	0.00
31) Terphenyl-d14	19.55	244	6647	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.23	88	137	0.054	ng	# 81
20) 4,6-Dinitro-2-methylphenol	15.35	198	5	0.095	ng	# 18
23) Atrazine	16.01	200	171	0.048	ng	# 8
34) Bis(2-ethylhexyl)phthalate	21.04	149	527	0.072	ng	96
40) Dibenzo(a,h)anthracene	25.40	278	465	0.024	ng	# 1

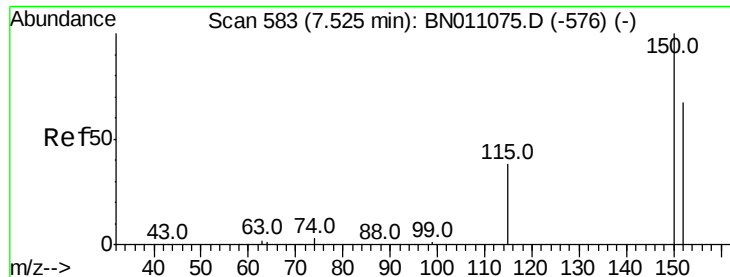
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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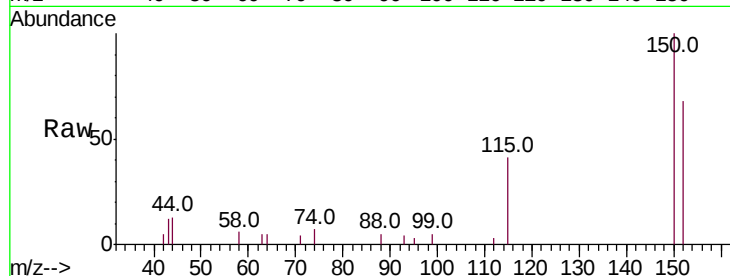


#1

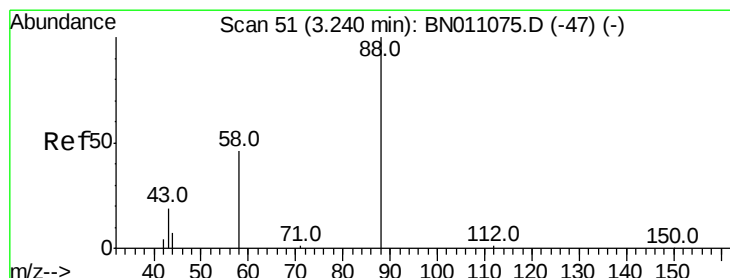
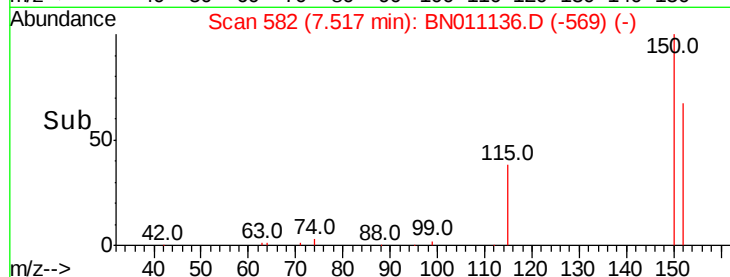
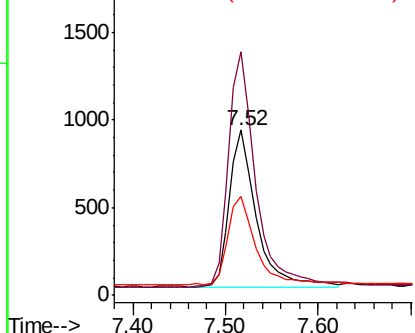
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.01 min
Lab File: BN011136.D
Acq: 09 Jul 2020 17:26

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200707

Tot Ion:152 Resp: 1796
Ion Ratio Lower Upper
152 100
150 147.3 117.4 176.0
115 60.2 47.9 71.9



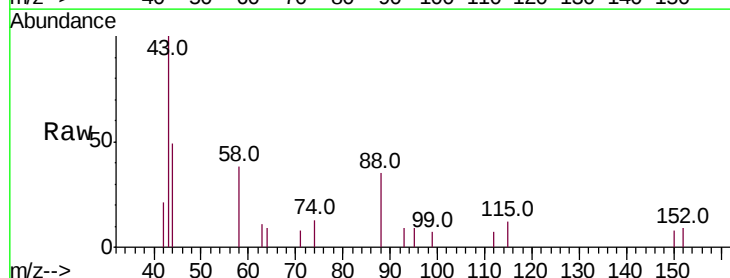
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



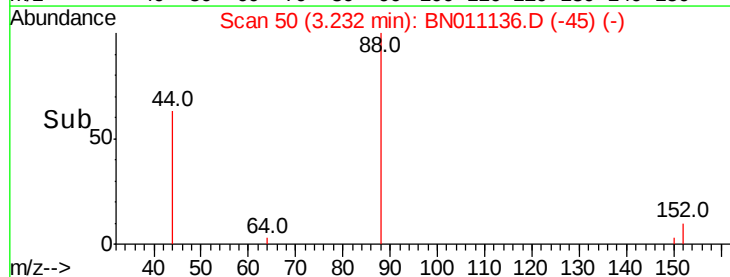
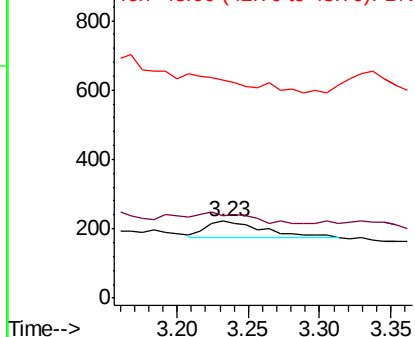
#2

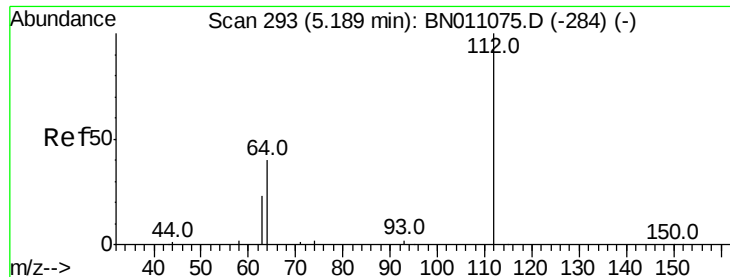
1,4-Dioxane
Concen: 0.054 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011136.D
Acq: 09 Jul 2020 17:26

Tgt Ion: 88 Resp: 137
Ion Ratio Lower Upper
88 100
58 54.7 38.6 57.8
43 0.0 15.4 23.0#



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: 0.133 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200707

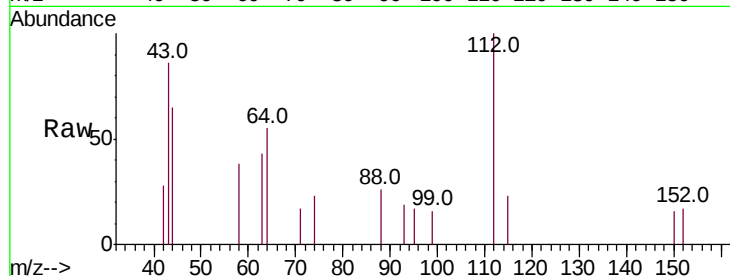
Tot Ion:112 Resp: 596

Ion Ratio Lower Upper

112 100

64 43.3 36.5 54.7

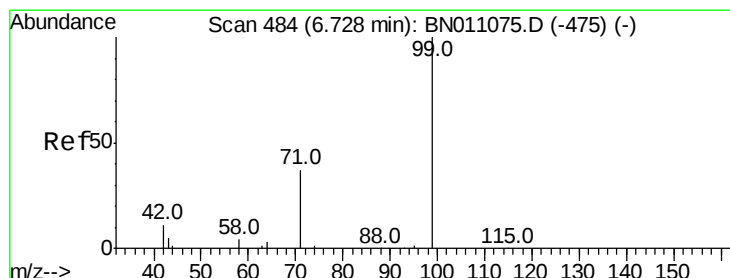
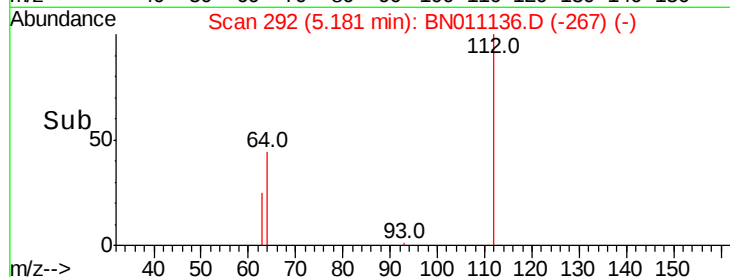
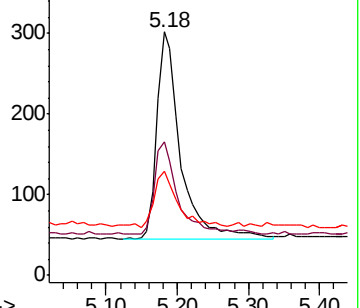
63 25.3 20.6 30.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.070 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.02 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

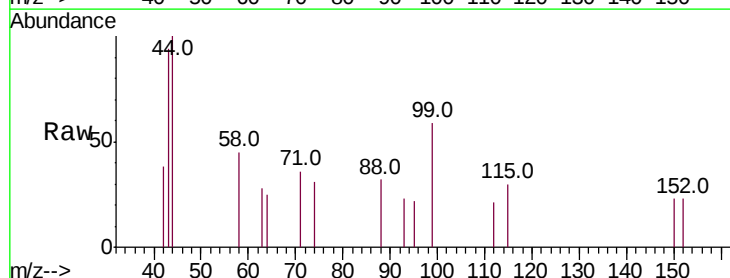
Tgt Ion: 99 Resp: 362

Ion Ratio Lower Upper

99 100

42 6.4 9.8 14.8#

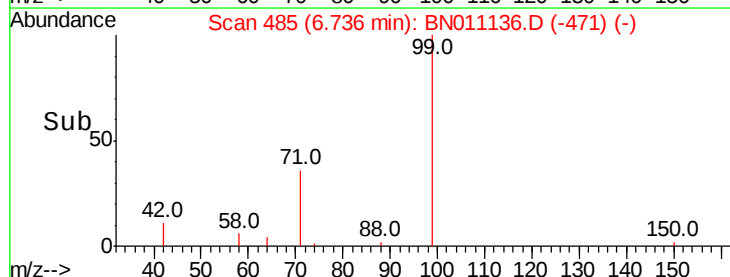
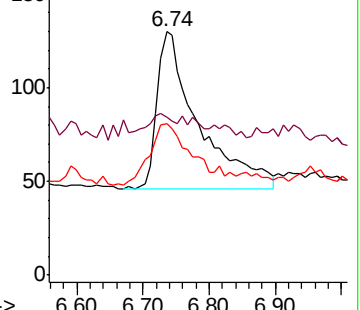
71 38.4 30.7 46.1

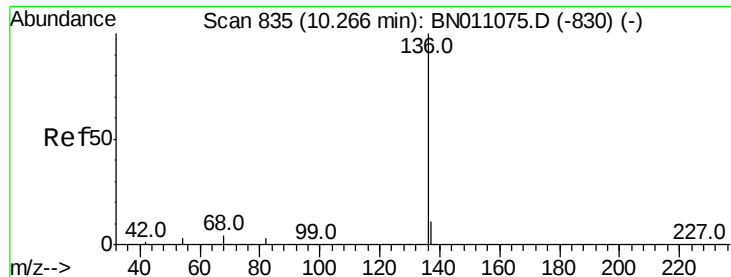


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.01 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200707

Tot Ion:136 Resp: 6325

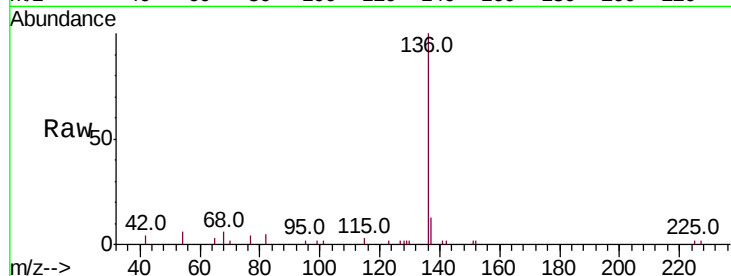
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 5.6 3.8 5.6

68 5.7 4.3 6.5

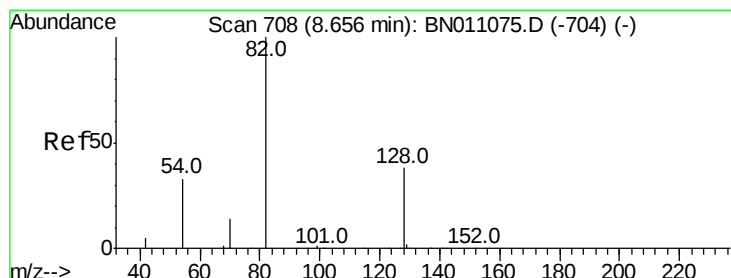
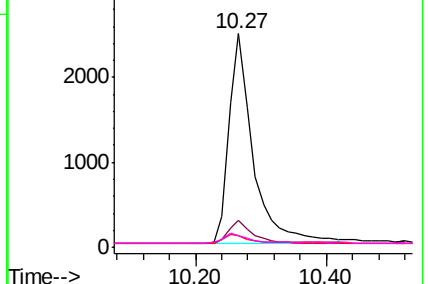
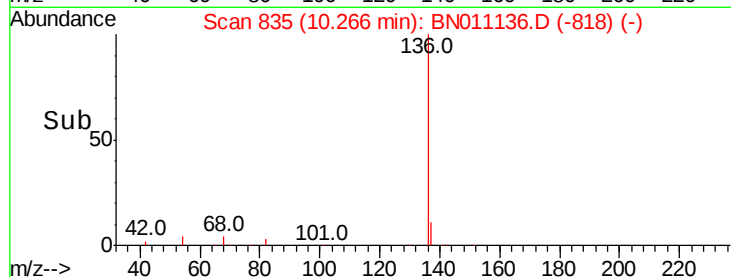


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.293 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

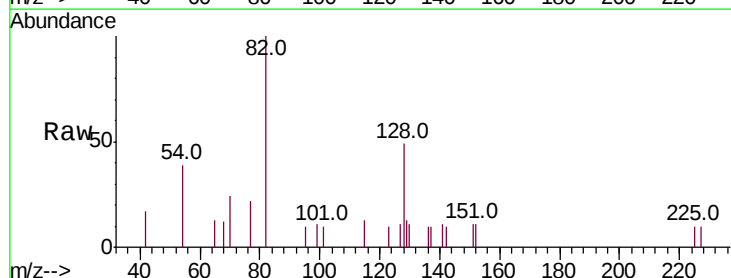
Tgt Ion: 82 Resp: 1576

Ion Ratio Lower Upper

82 100

128 49.1 34.2 51.2

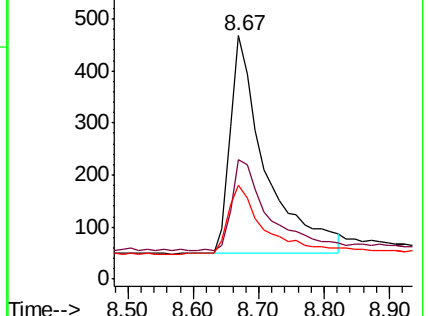
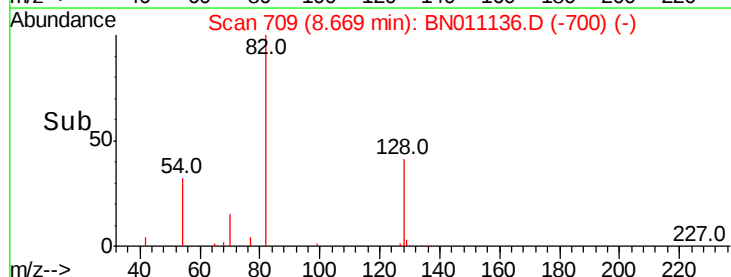
54 38.7 29.4 44.0

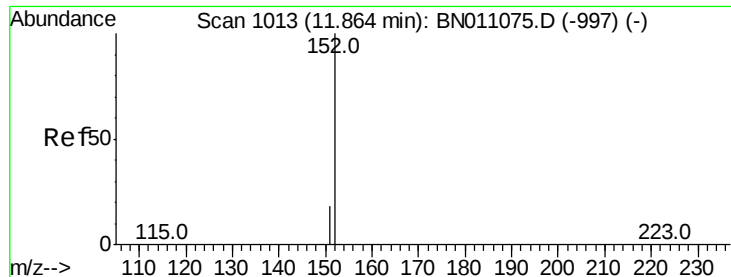


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

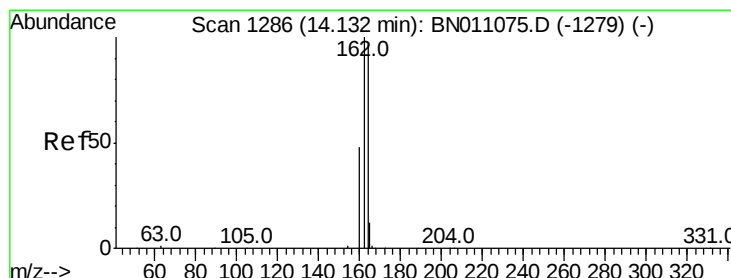
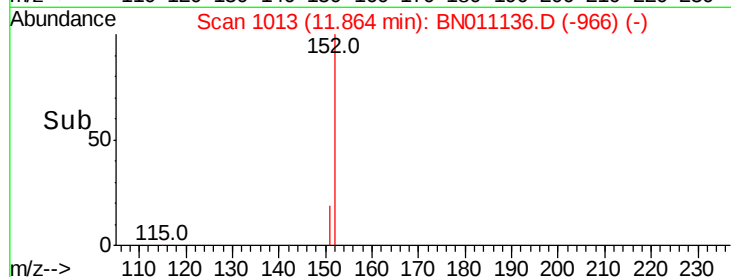
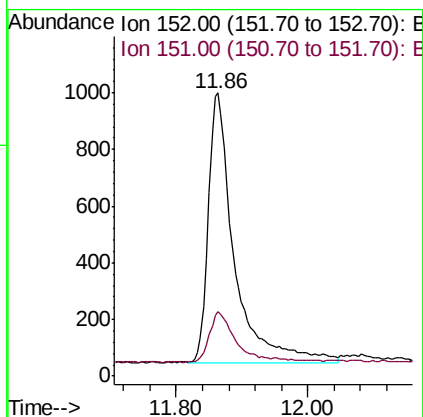
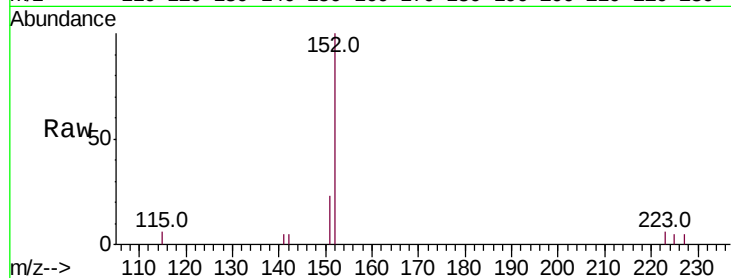




#11
2-Methylnaphthalene-d10
Concen: 0.237 ng
RT: 11.86 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BN011136.D
Acq: 09 Jul 2020 17:26

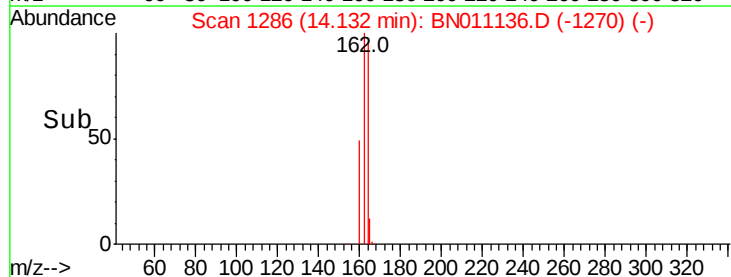
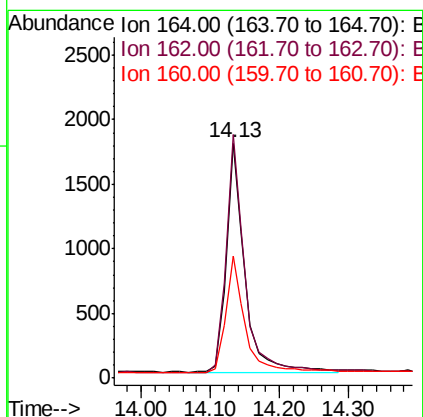
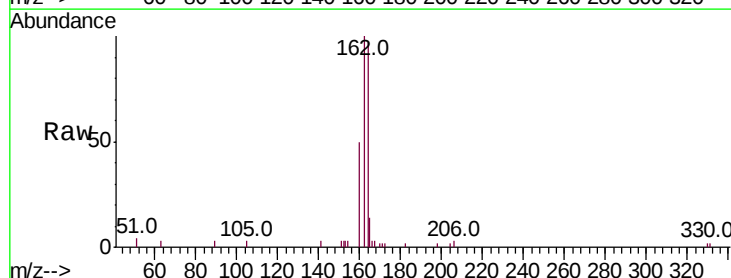
Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200707

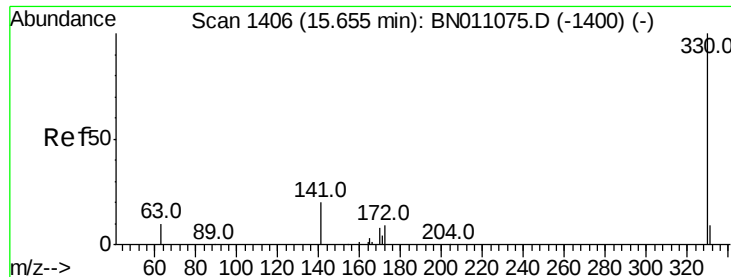
Tot Ion:152 Resp: 2598
Ion Ratio Lower Upper
152 100
151 18.6 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN011136.D
Acq: 09 Jul 2020 17:26

Tgt Ion:164 Resp: 3339
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 52.1 40.6 61.0

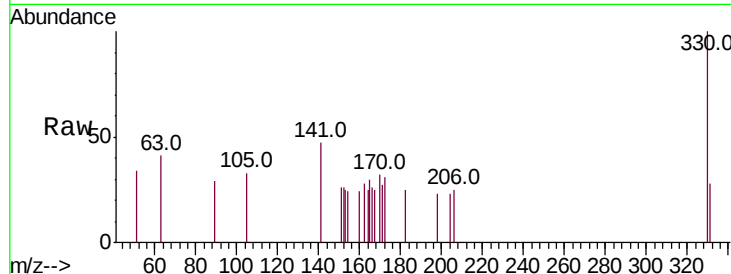




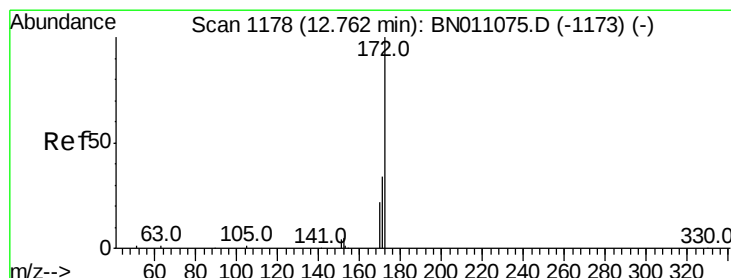
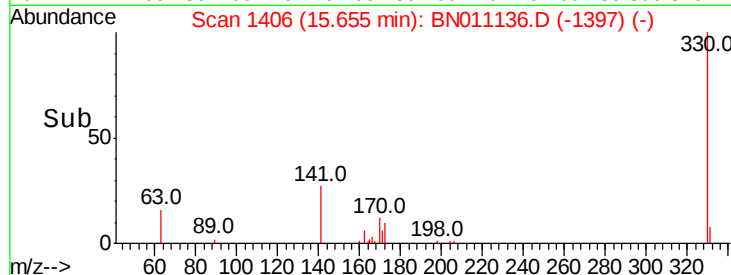
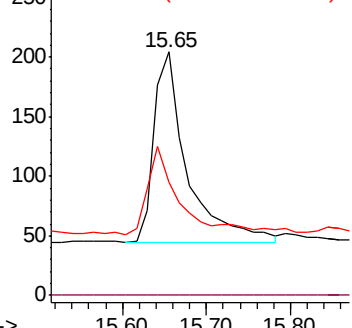
#14
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 15.65 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BN011136.D
 Acq: 09 Jul 2020 17:26

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200707

Tot Ion:330 Resp: 434
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.1 32.6 49.0

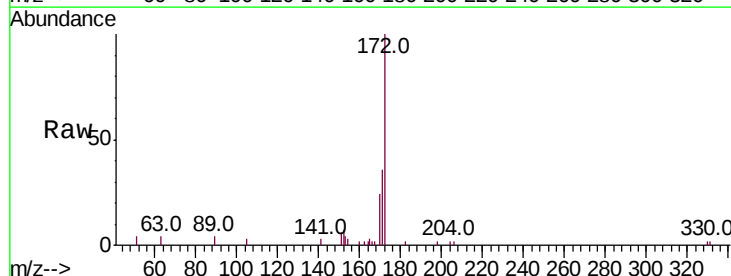


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

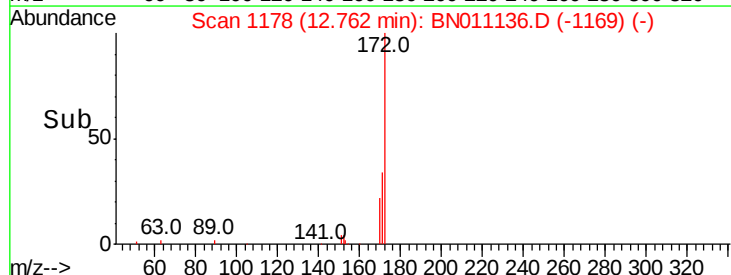
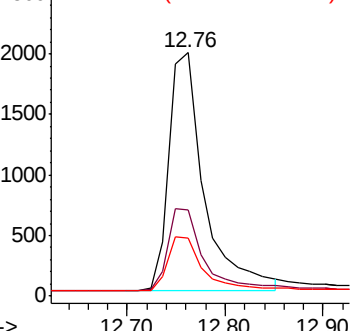


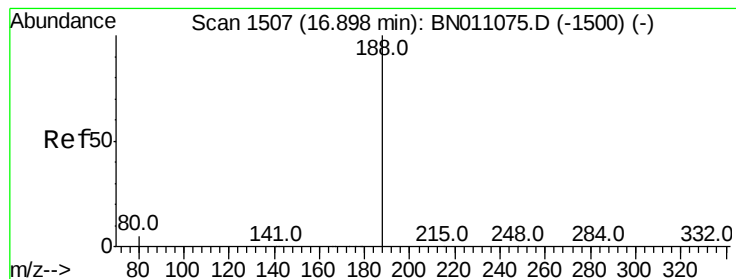
#15
 2-Fluorobiphenyl
 Concen: 0.312 ng
 RT: 12.76 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BN011136.D
 Acq: 09 Jul 2020 17:26

Tgt Ion:172 Resp: 4902
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 23.8 18.7 28.1



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: 16.90 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200707

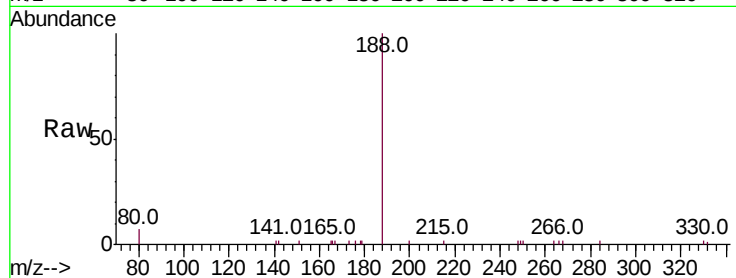
Tot Ion:188 Resp: 7523

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

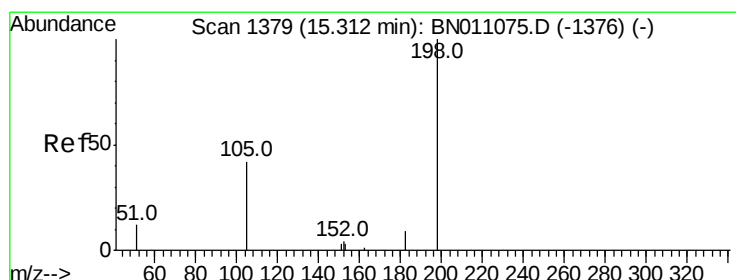
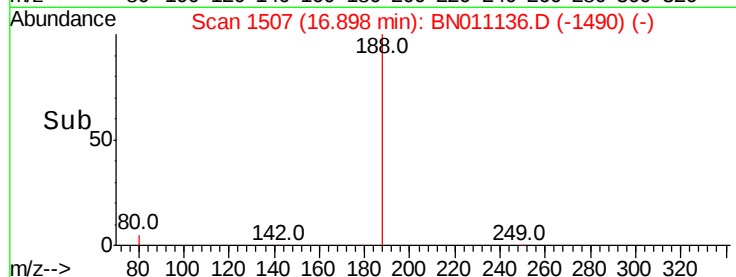
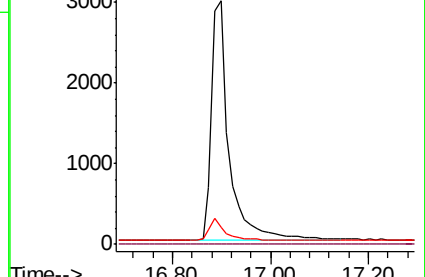
80 6.9 5.3 7.9



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.095 ng

RT: 15.35 min Scan# 1382

Delta R.T. 0.04 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

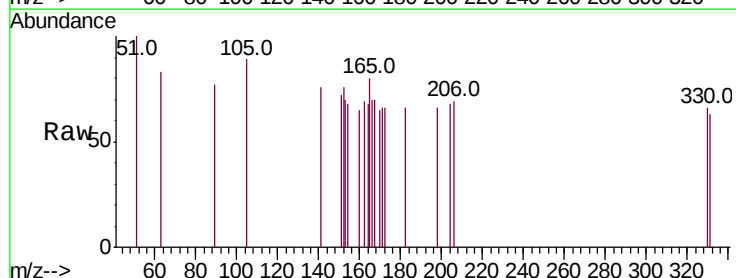
Tgt Ion:198 Resp: 5

Ion Ratio Lower Upper

198 100

51 151.1 58.2 87.4#

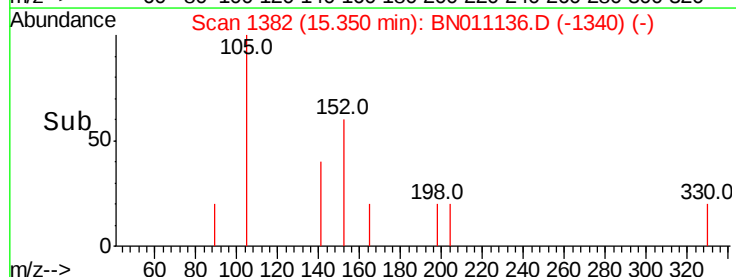
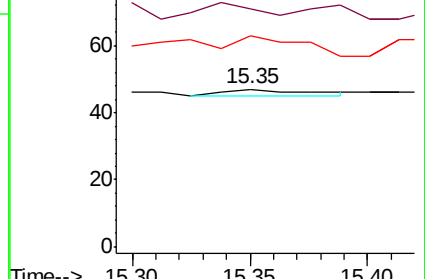
105 134.0 59.0 88.4#

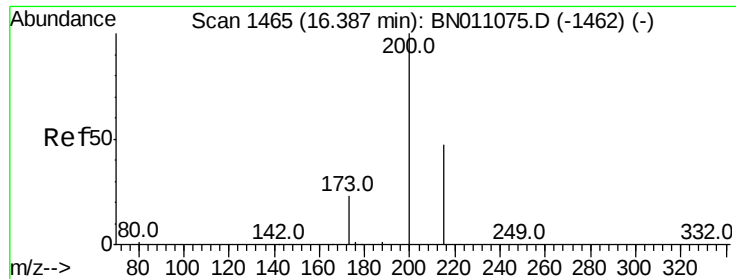


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.048 ng

RT: 16.01 min Scan# 1434

Delta R.T. -0.37 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

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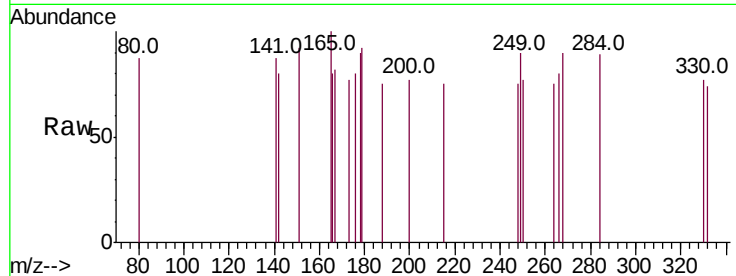
Tot Ion:200 Resp: 171

Ion Ratio Lower Upper

200 100

173 100.0 22.8 34.2#

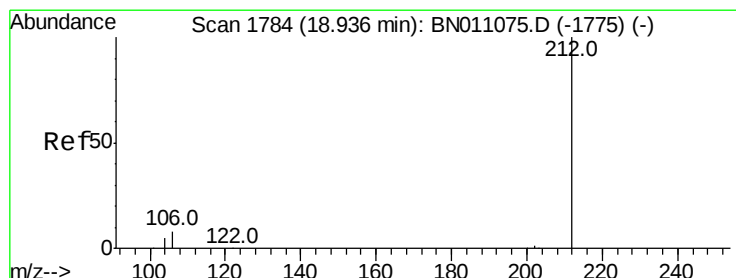
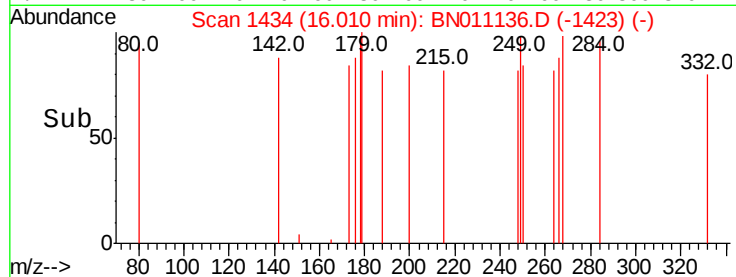
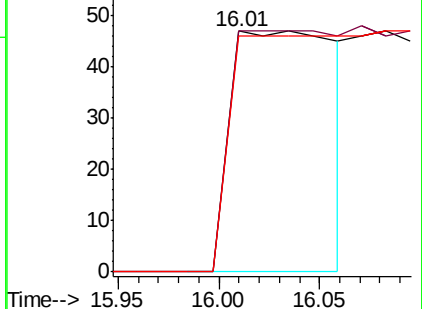
215 97.9 40.7 61.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.286 ng

RT: 18.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

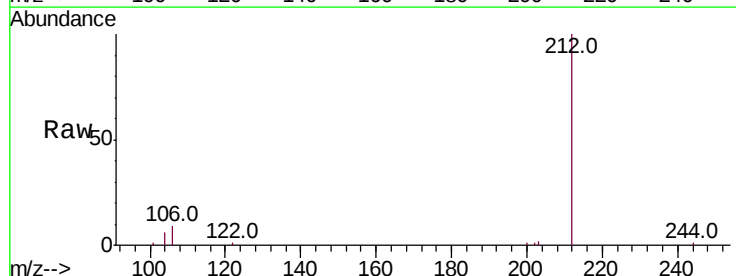
Tgt Ion:212 Resp: 6511

Ion Ratio Lower Upper

212 100

106 8.2 7.1 10.7

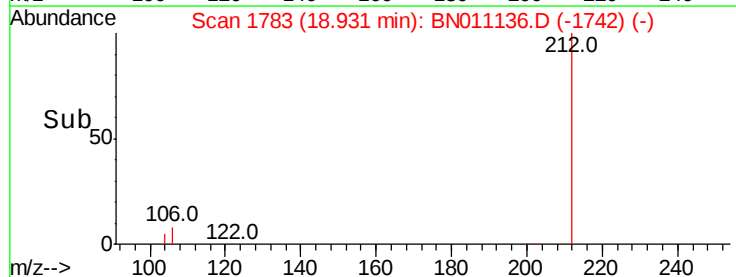
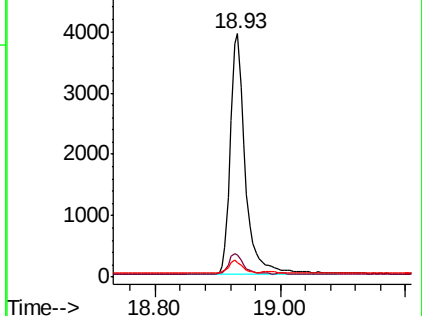
104 4.9 4.2 6.4

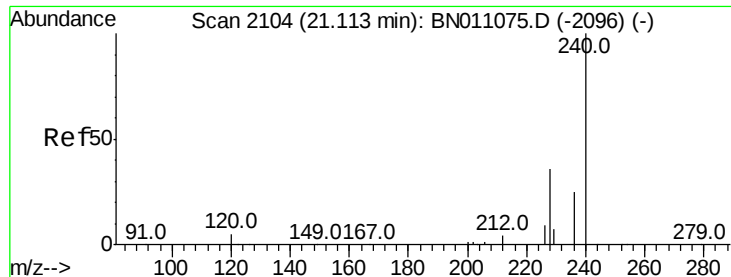


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.10 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200707

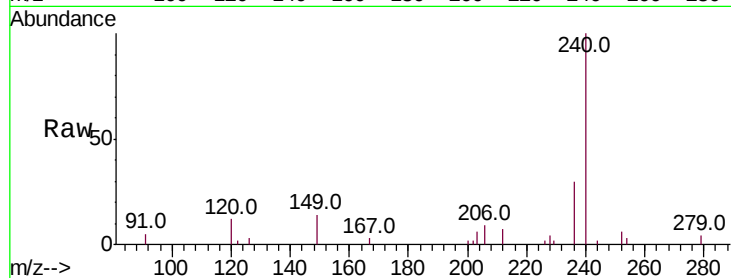
Tot Ion:240 Resp: 5386

Ion Ratio Lower Upper

240 100

120 12.2 6.5 9.7#

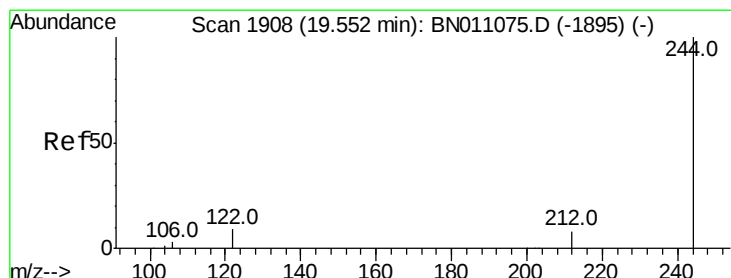
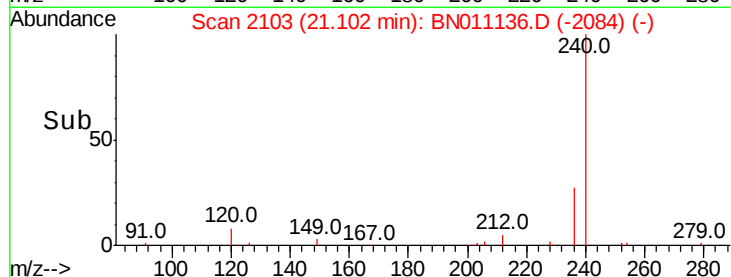
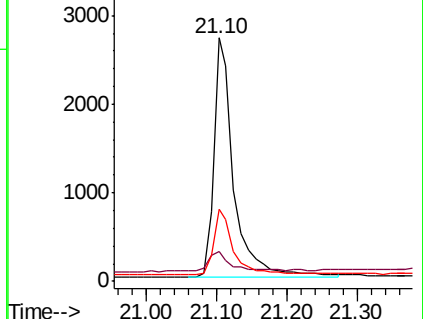
236 29.5 21.9 32.9



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



#31

Terphenyl-d14

Concen: 0.474 ng

RT: 19.55 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN011136.D

Acq: 09 Jul 2020 17:26

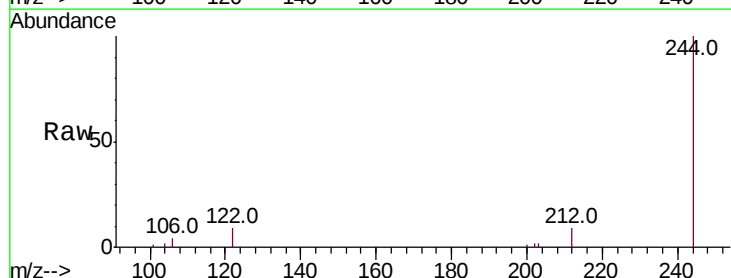
Tgt Ion:244 Resp: 6647

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

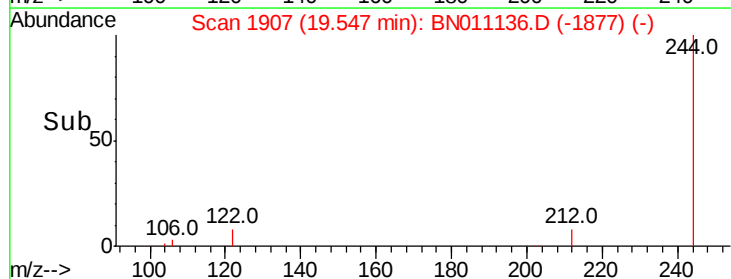
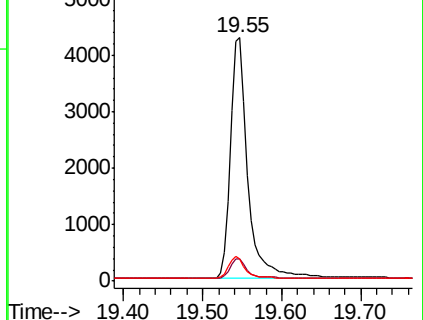
122 9.0 8.2 12.4

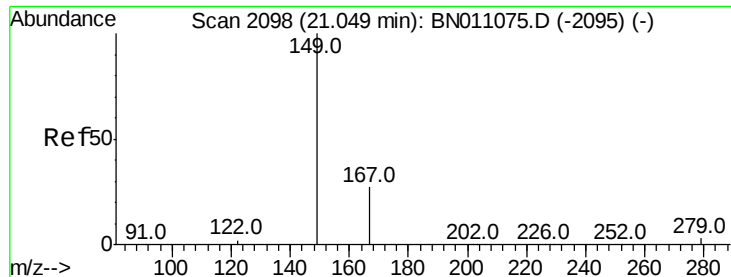


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

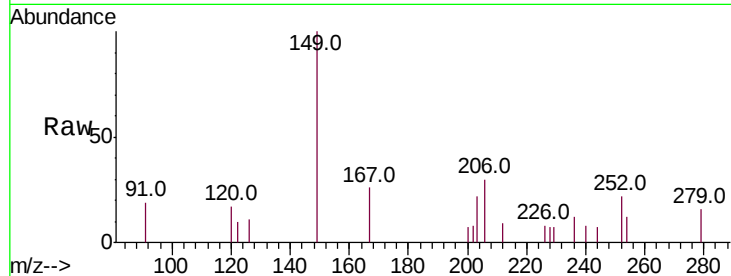




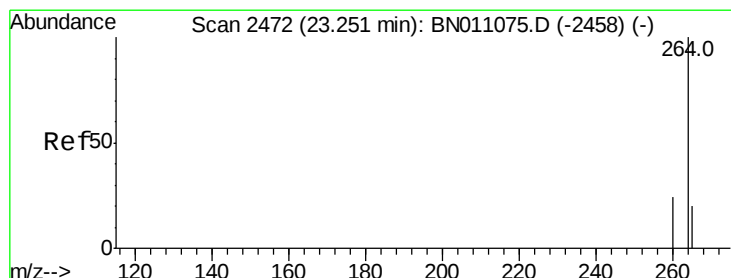
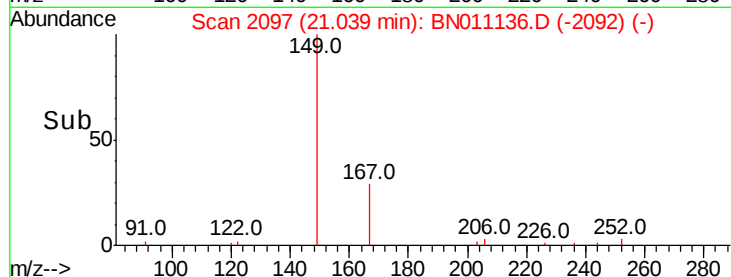
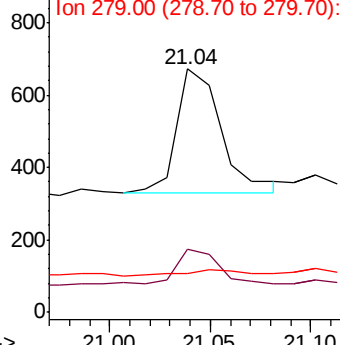
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.04 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BN011136.D
Acq: 09 Jul 2020 17:26

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200707

Tot Ion:149 Resp: 527
Ion Ratio Lower Upper
149 100
167 25.4 22.2 33.4
279 6.5 4.5 6.7

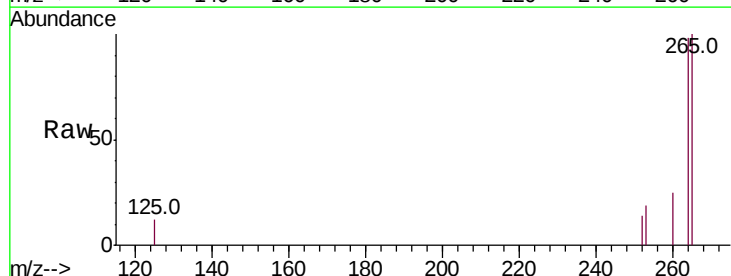


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

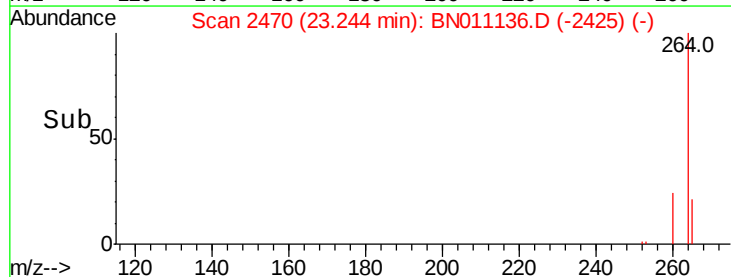
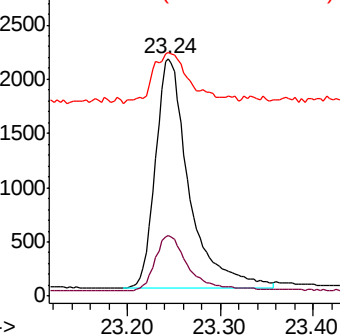


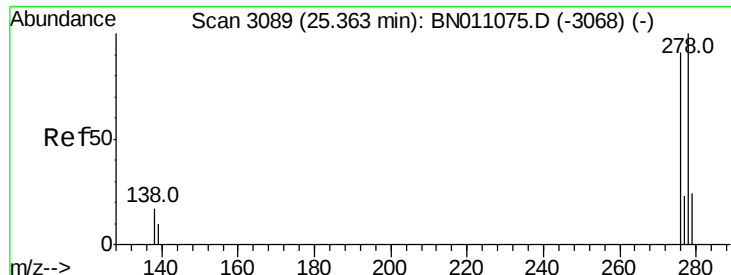
#36
Perylene-d12
Concen: 0.400 ng
RT: 23.24 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BN011136.D
Acq: 09 Jul 2020 17:26

Tgt Ion:264 Resp: 5421
Ion Ratio Lower Upper
264 100
260 25.7 20.4 30.6
265 102.6 83.0 124.6



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





#40

Dibenzo(a,h)anthracene

Concen: 0.024 ng

RT: 25.40 min Scan# 3099

Delta R.T. 0.04 min

Lab File: BN011136.D

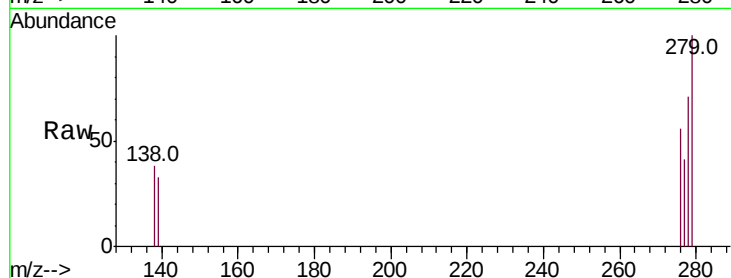
Acq: 09 Jul 2020 17:26

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200707



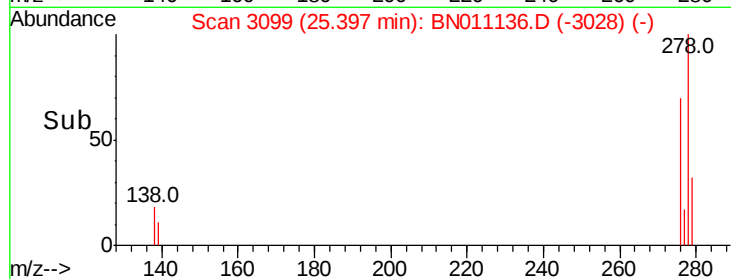
Tot Ion:278 Resp: 465

Ion Ratio Lower Upper

278 100

139 47.0 11.9 17.9#

279 140.4 25.5 38.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

