

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
 Data File : BN011396.D
 Acq On : 07 Aug 2020 13:52
 Operator : CG/JU
 Sample : L3570-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200804

Quant Time: Aug 07 14:31:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 12:17:46 2020
 Response via : Initial Calibration

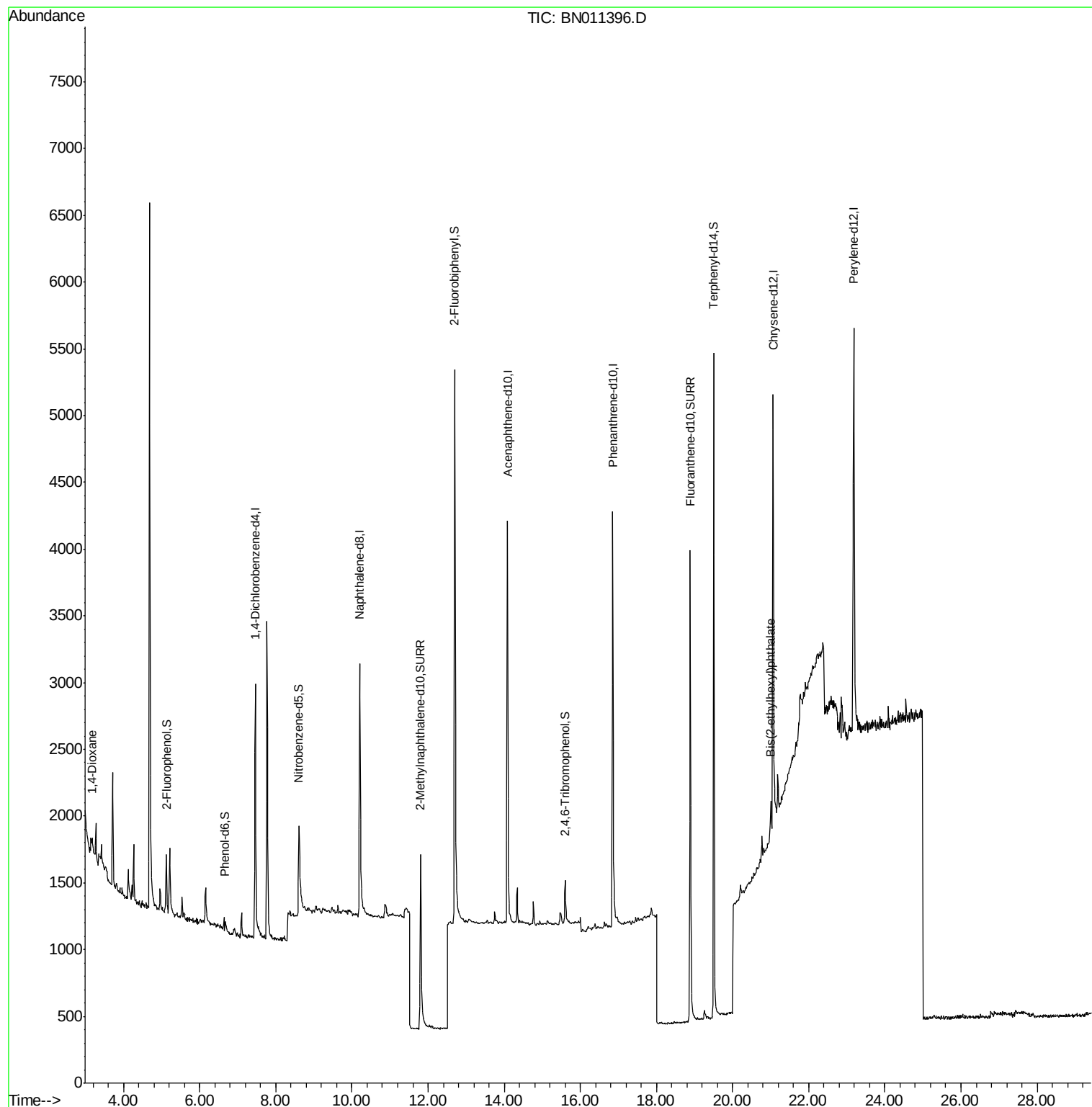
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1120	0.40	ng	0.00
7) Naphthalene-d8	10.20	136	3642	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	2300	0.40	ng	0.00
19) Phenanthrene-d10	16.85	188	5444	0.40	ng	0.00
29) Chrysene-d12	21.07	240	4401	0.40	ng	0.00
36) Perylene-d12	23.18	264	4783	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	464	0.16	ng	0.00
5) Phenol-d6	6.68	99	244	0.07	ng	0.00
8) Nitrobenzene-d5	8.60	82	1219	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.80	152	2545	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.60	330	344	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.69	172	5262	0.53	ng	-0.01
27) Fluoranthene-d10	18.88	212	5145	0.31	ng	0.00
31) Terphenyl-d14	19.50	244	5890	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.17	88	125	0.079	ng	Qvalue # 74
34) Bis(2-ethylhexyl)phthalate	21.00	149	253	0.032	ng	98

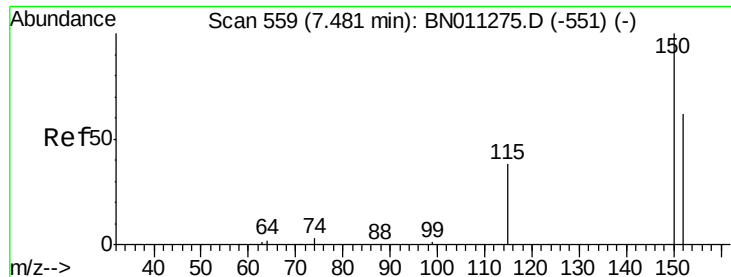
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.46 min Scan# 556

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200804

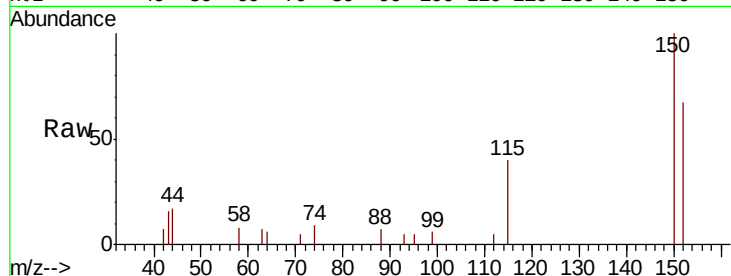
Tot Ion:152 Resp: 1120

Ion Ratio Lower Upper

152 100

150 149.1 126.5 189.7

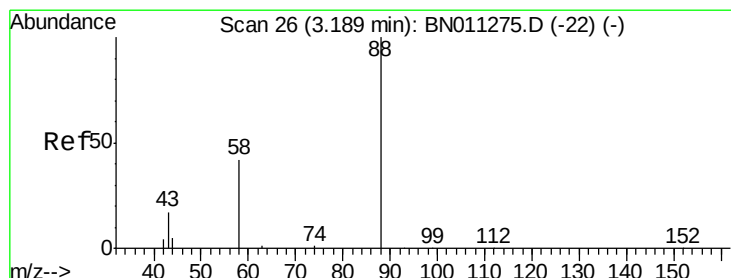
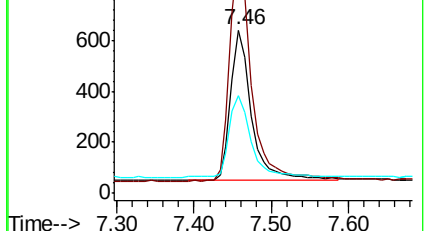
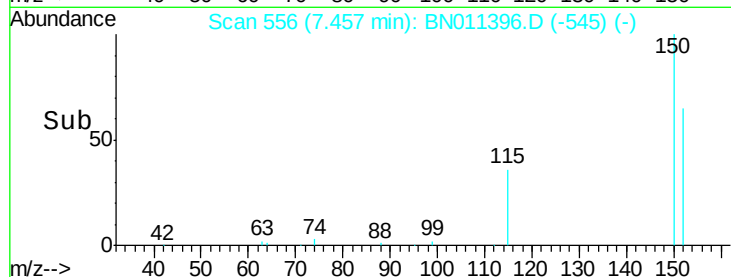
115 60.2 51.9 77.9



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: 0.079 ng

RT: 3.17 min Scan# 24

Delta R.T. 0.00 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

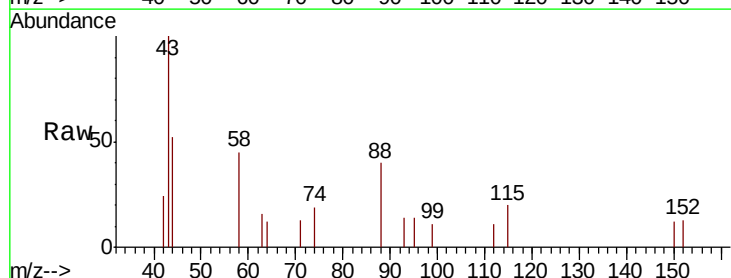
Tgt Ion: 88 Resp: 125

Ion Ratio Lower Upper

88 100

58 57.6 36.5 54.7#

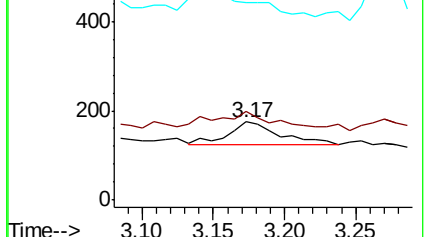
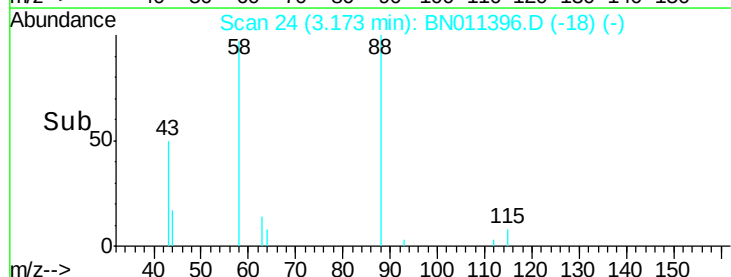
43 0.0 16.1 24.1#

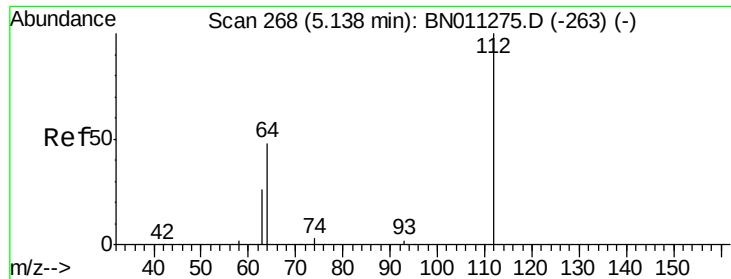


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.12 min Scan# 266

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200804

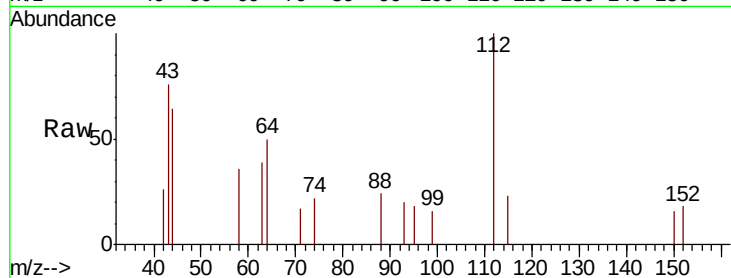
Tot Ion: 112 Resp: 464

Ion Ratio Lower Upper

112 100

64 43.3 35.8 53.6

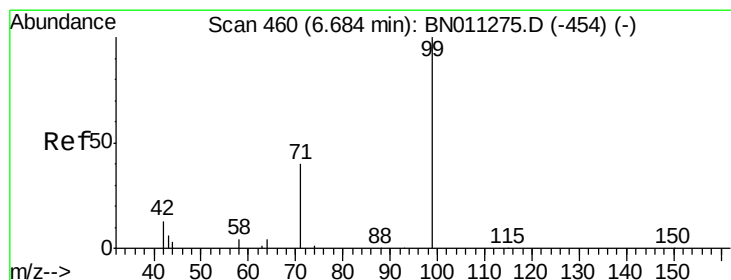
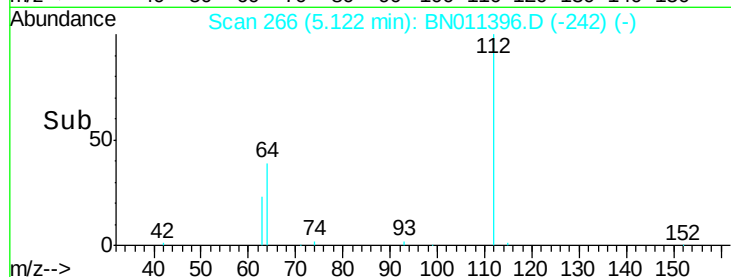
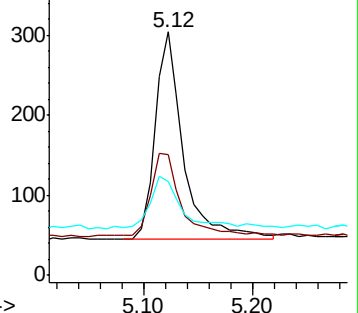
63 28.9 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.068 ng

RT: 6.68 min Scan# 459

Delta R.T. 0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

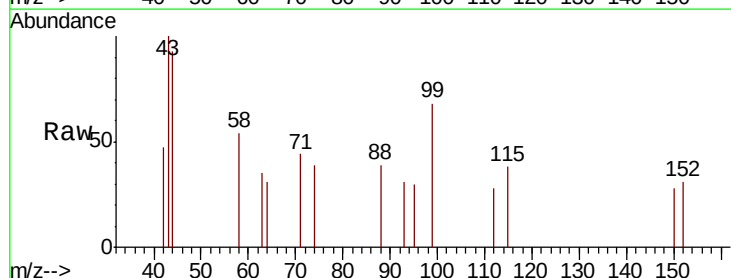
Tgt Ion: 99 Resp: 244

Ion Ratio Lower Upper

99 100

42 7.8 11.2 16.8#

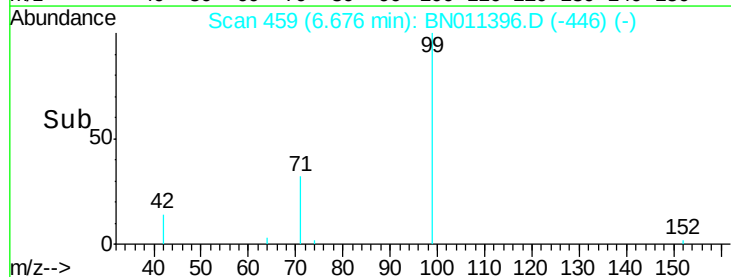
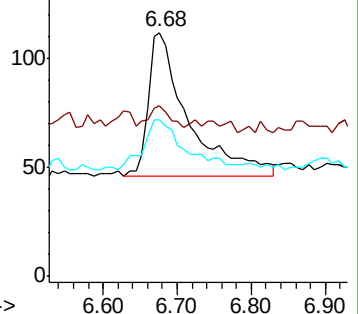
71 35.7 30.6 45.8

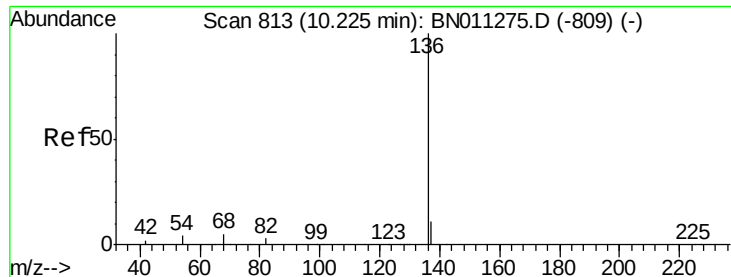


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.20 min Scan# 811

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200804

Tot Ion:136 Resp: 3642

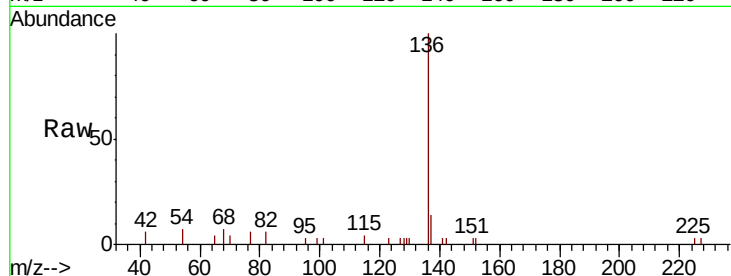
Ion Ratio Lower Upper

136 100

137 13.7 9.9 14.9

54 6.8 4.8 7.2

68 7.3 4.9 7.3

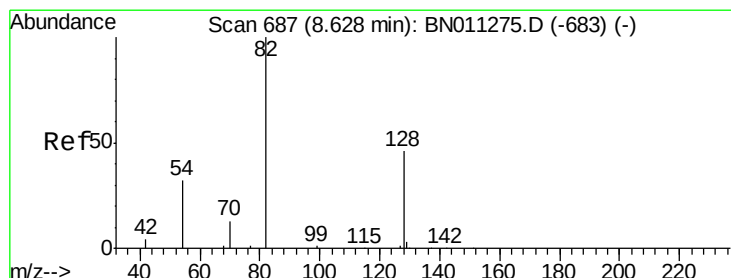
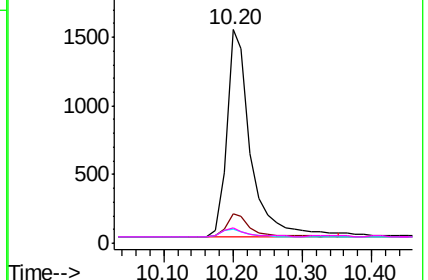
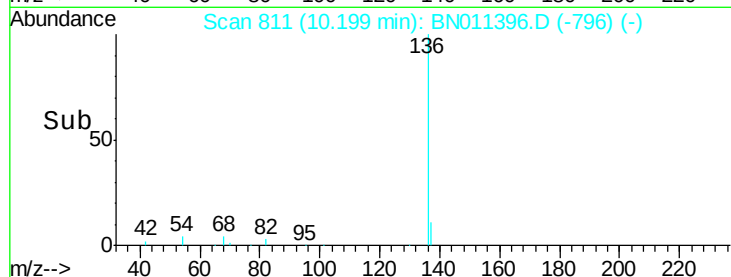


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 8.60 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

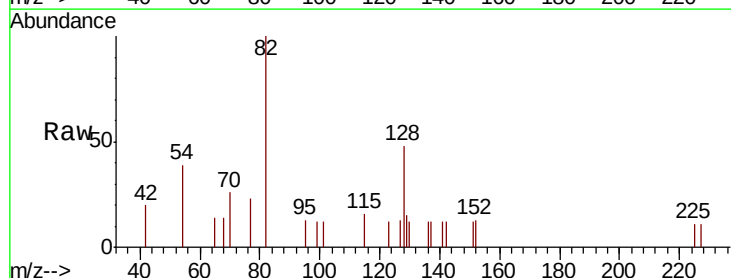
Tgt Ion: 82 Resp: 1219

Ion Ratio Lower Upper

82 100

128 47.7 40.1 60.1

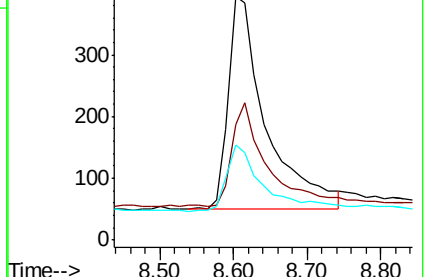
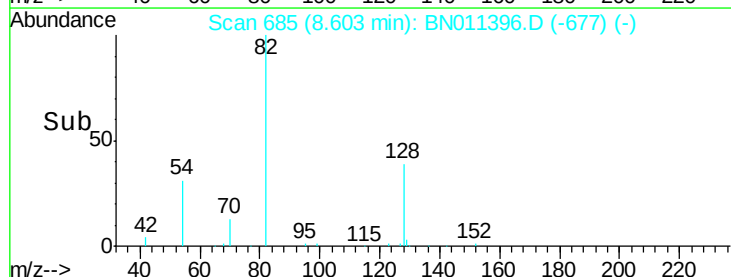
54 38.8 29.0 43.6

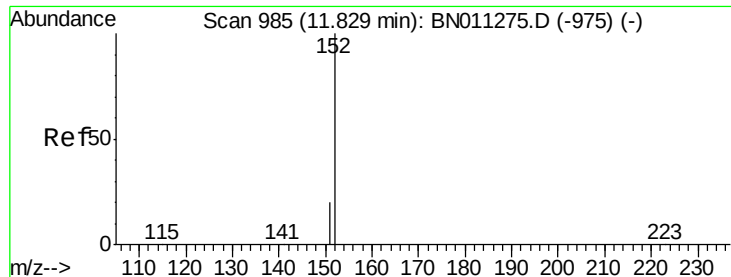


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

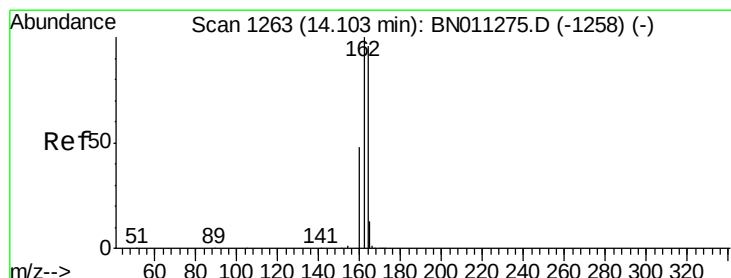
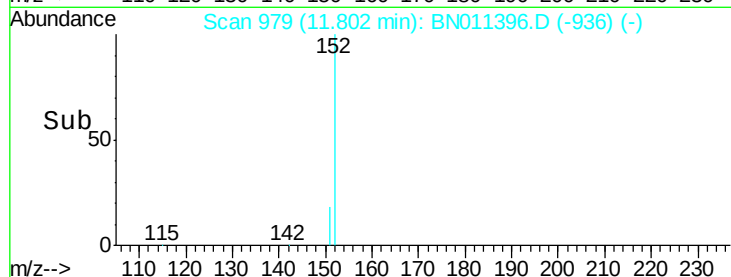
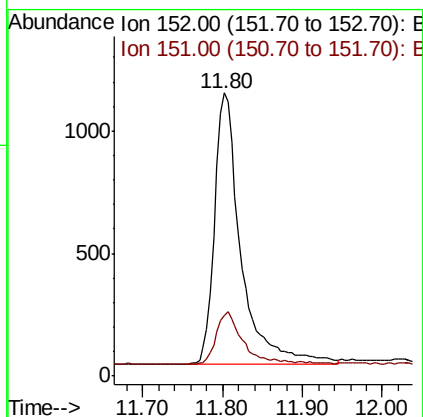
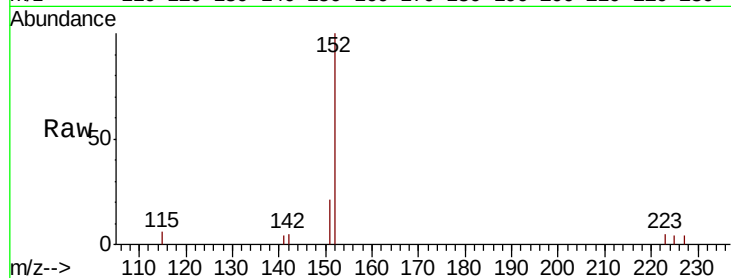




#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 11.80 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN011396.D
Acq: 07 Aug 2020 13:52

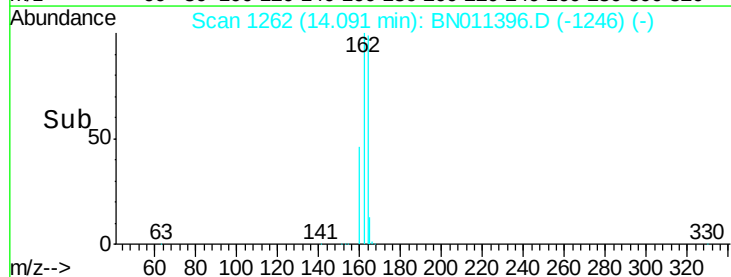
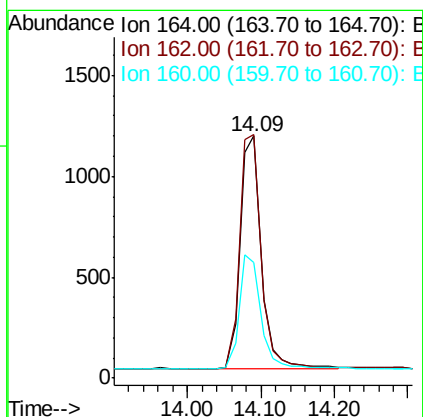
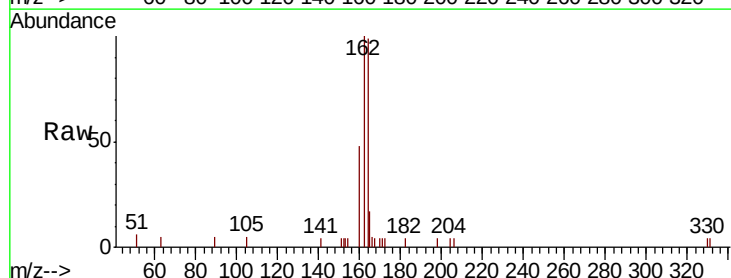
Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200804

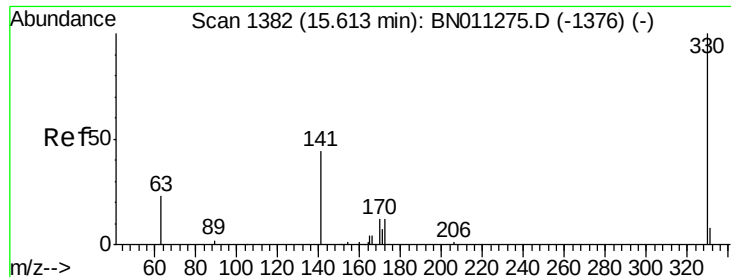
Tot Ion:152 Resp: 2545
Ion Ratio Lower Upper
152 100
151 19.4 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011396.D
Acq: 07 Aug 2020 13:52

Tgt Ion:164 Resp: 2300
Ion Ratio Lower Upper
164 100
162 100.6 83.6 125.4
160 48.0 41.2 61.8

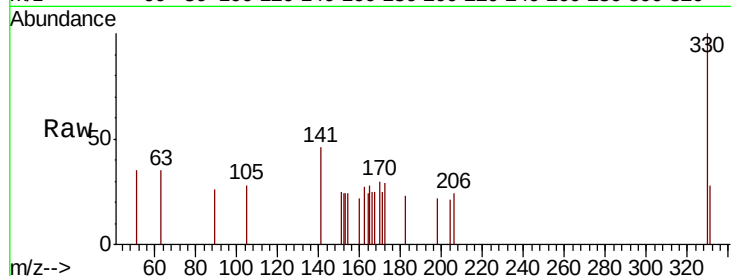




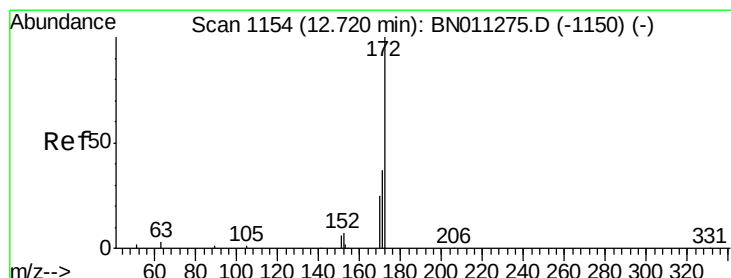
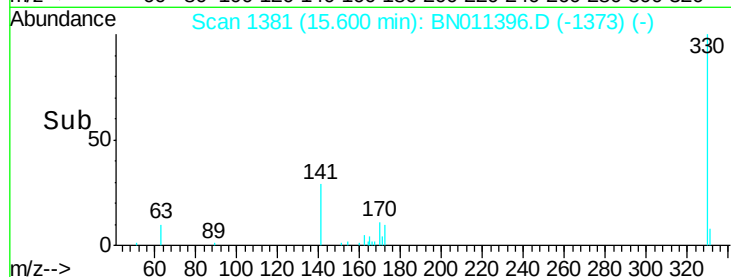
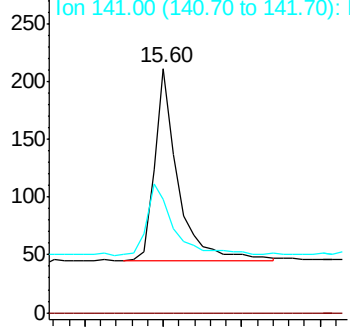
#14
 2,4,6-Tribromophenol
 Concen: 0.324 ng
 RT: 15.60 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BN011396.D
 Acq: 07 Aug 2020 13:52

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200804

Tot Ion:330 Resp: 344
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 45.9 34.2 51.2

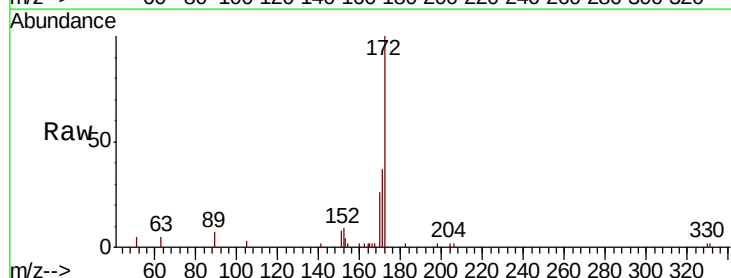


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

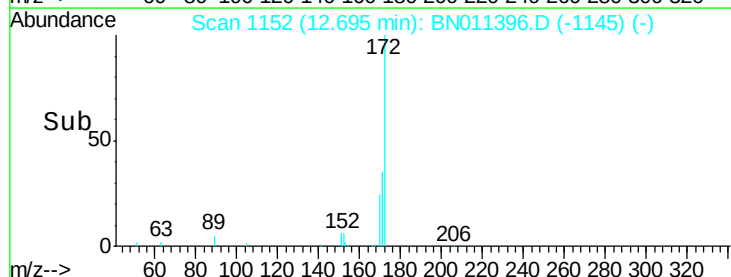
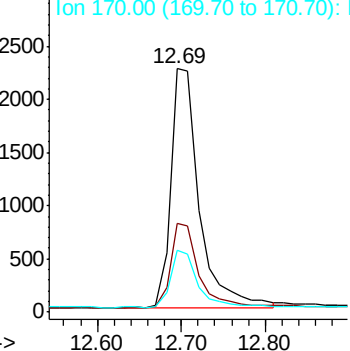


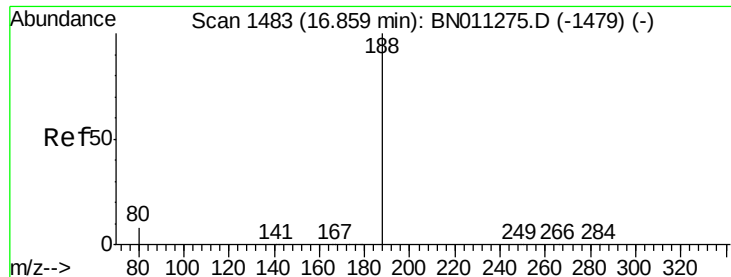
#15
 2-Fluorobiphenyl
 Concen: 0.530 ng
 RT: 12.69 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BN011396.D
 Acq: 07 Aug 2020 13:52

Tgt Ion:172 Resp: 5262
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.6 46.0
 170 25.6 21.0 31.4



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: 16.85 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200804

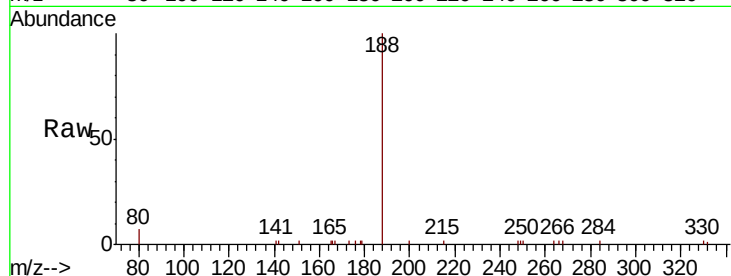
Tot Ion:188 Resp: 5444

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

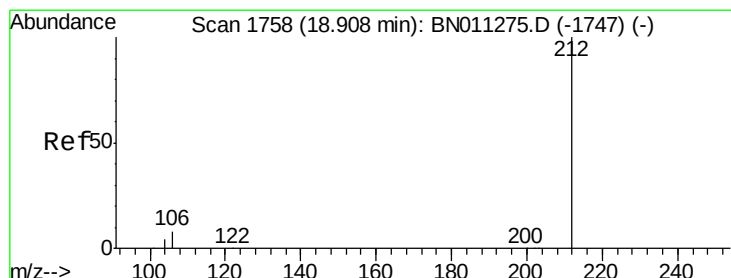
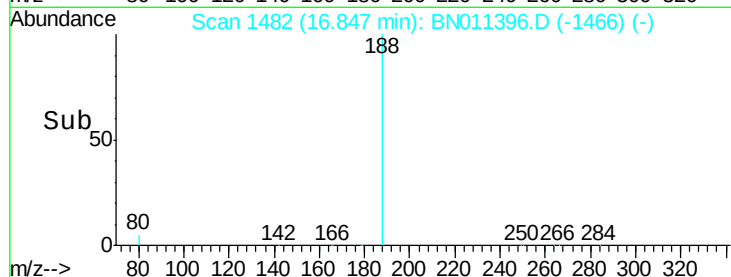
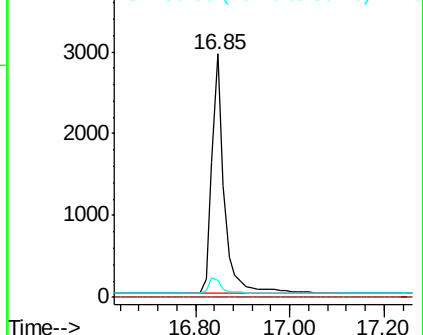
80 6.8 7.4 11.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#27

Fluoranthene-d10

Concen: 0.310 ng

RT: 18.88 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

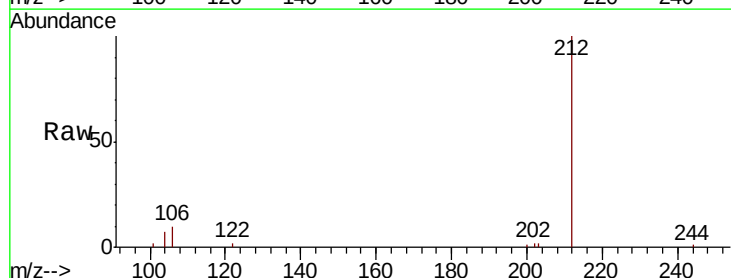
Tgt Ion:212 Resp: 5145

Ion Ratio Lower Upper

212 100

106 7.8 6.9 10.3

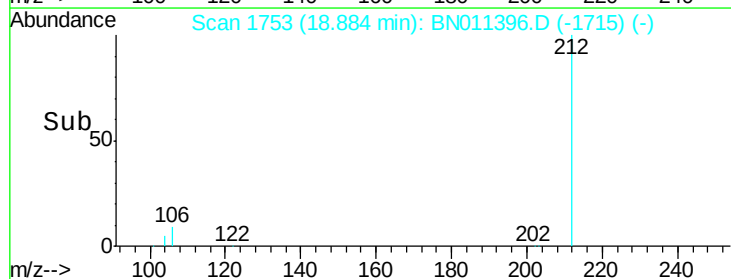
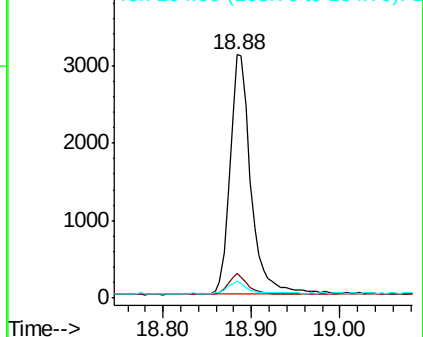
104 4.7 4.2 6.2

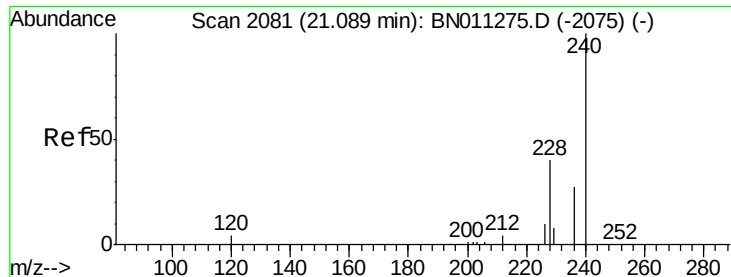


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.07 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

Instrument :

BNA_N

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OUTFALL001-200804

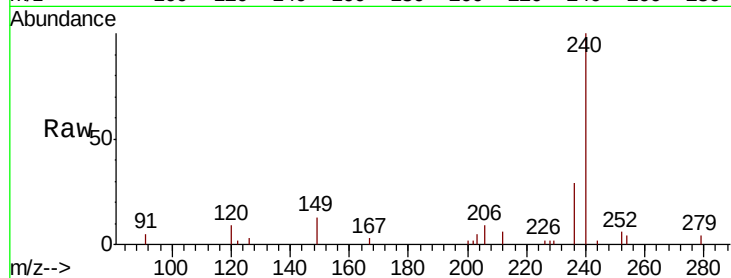
Tot Ion:240 Resp: 4401

Ion Ratio Lower Upper

240 100

120 8.5 5.8 8.8

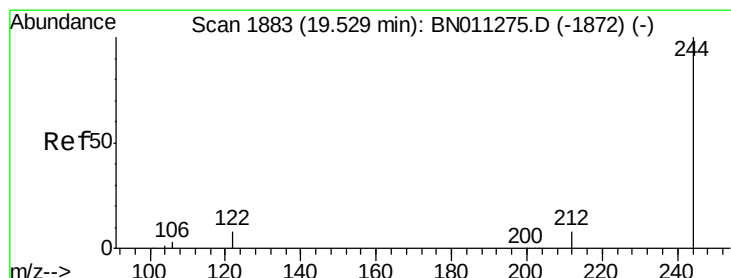
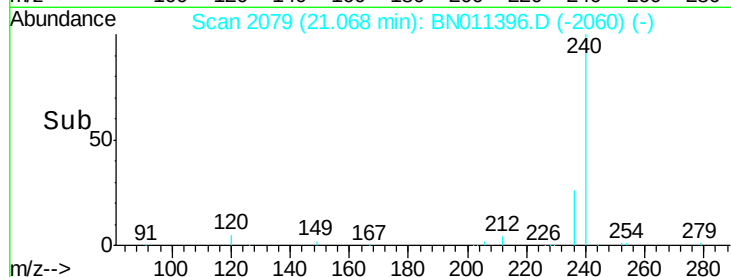
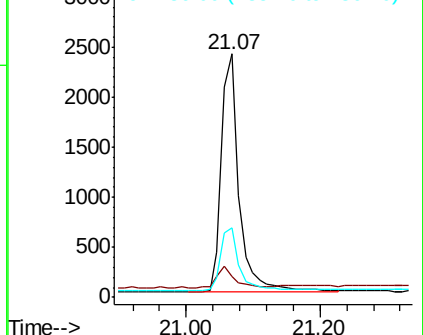
236 28.6 22.7 34.1



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: 0.442 ng

RT: 19.50 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN011396.D

Acq: 07 Aug 2020 13:52

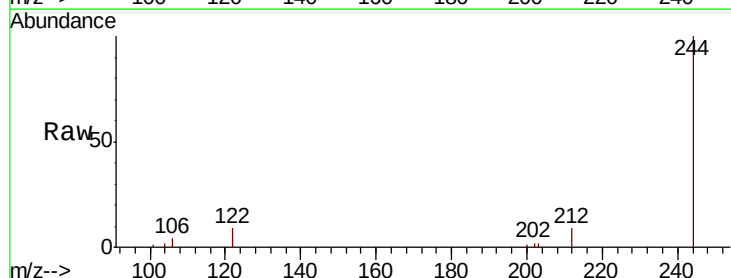
Tgt Ion:244 Resp: 5890

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

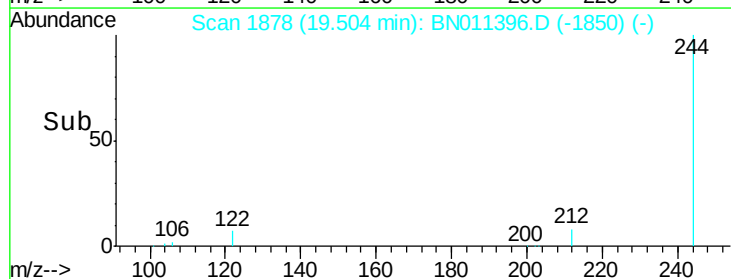
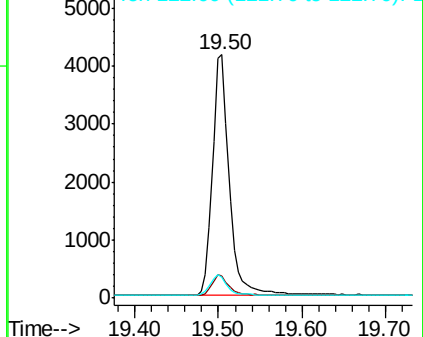
122 8.5 7.5 11.3

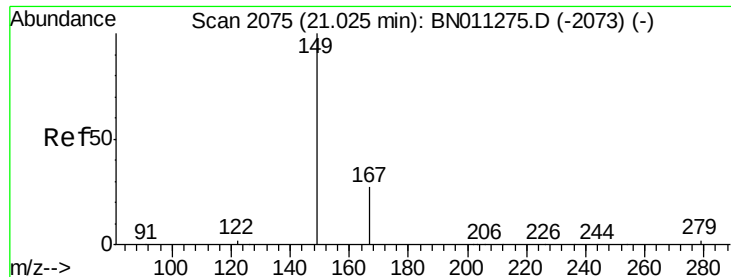


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

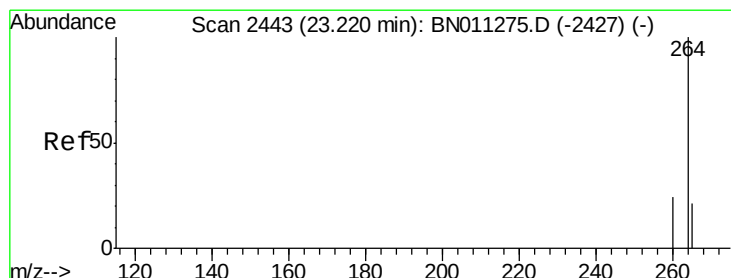
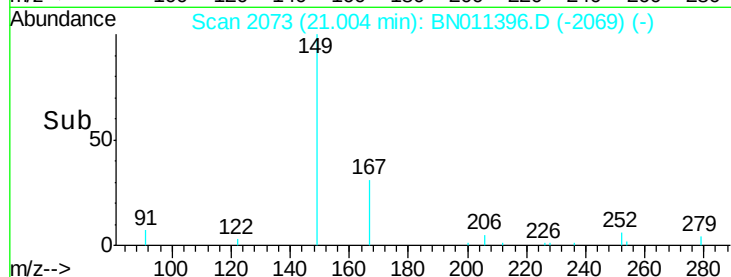
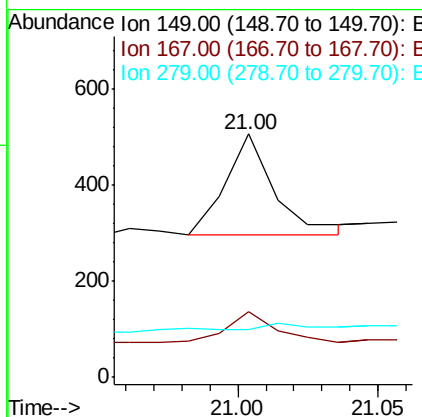
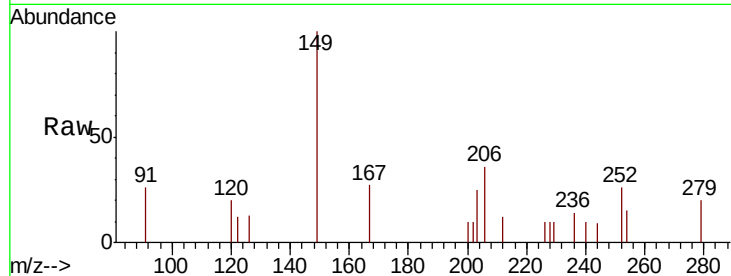




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.00 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BN011396.D
 Acq: 07 Aug 2020 13:52

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200804

Tot Ion:149 Resp: 253
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.7 32.5
 279 4.3 3.9 5.9



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.18 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BN011396.D
 Acq: 07 Aug 2020 13:52

Tgt Ion:264 Resp: 4783
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.1 30.1
 265 92.9 70.7 106.1

