

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
 Data File : BN010484.D
 Acq On : 14 Apr 2020 18:30
 Operator : CG/JU
 Sample : L2192-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200407

Quant Time: Apr 14 19:04:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

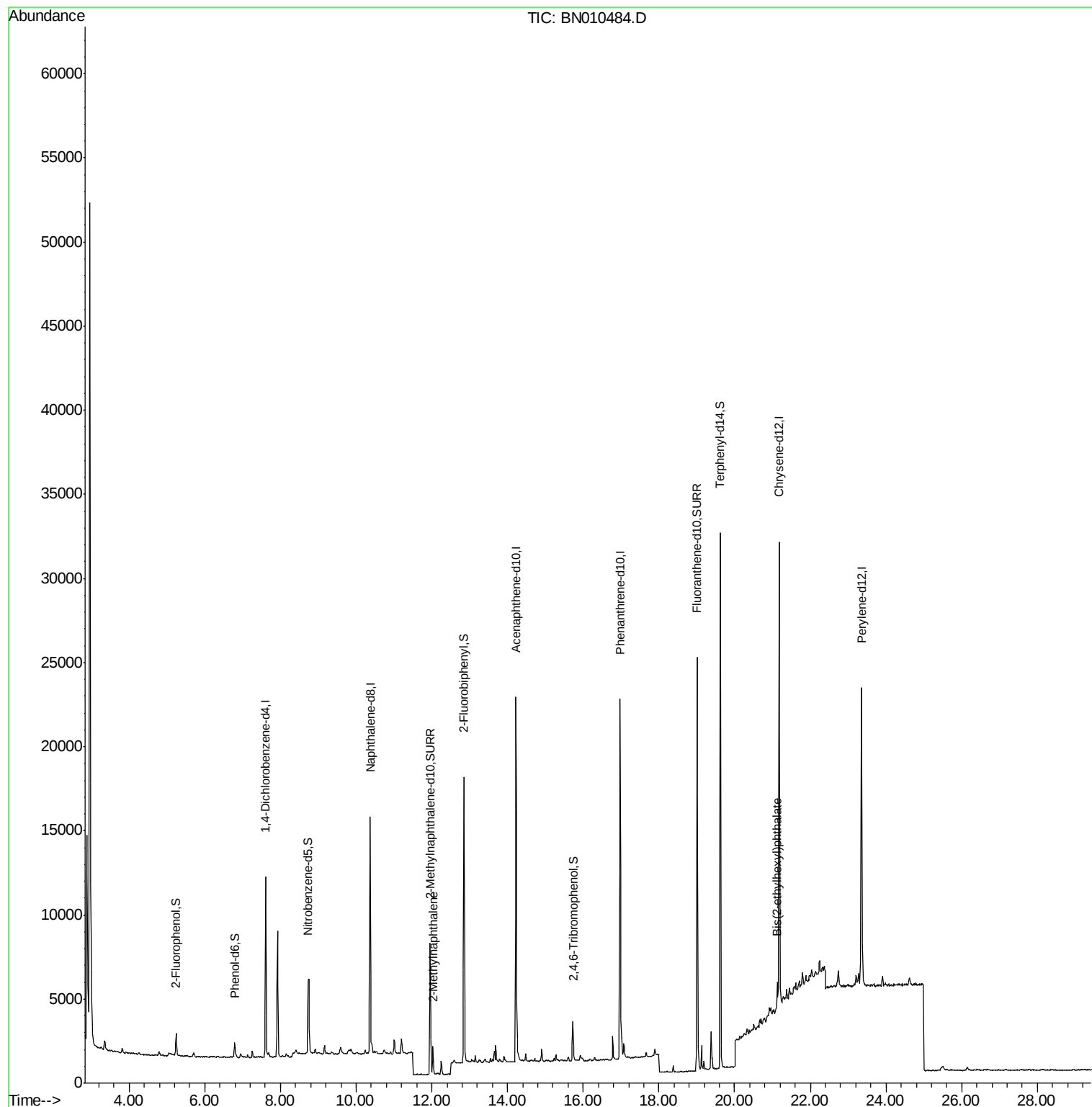
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	5357	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	20752	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	13126	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	29152	0.40	ng	0.00
27) Chrysene-d12	21.17	240	25371	0.40	ng	-0.01
34) Perylene-d12	23.35	264	22186	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1381	0.12	ng	0.00
5) Phenol-d6	6.79	99	1005	0.07	ng	0.00
8) Nitrobenzene-d5	8.73	82	4716	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	10401	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	2233	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	16356	0.34	ng	0.00
25) Fluoranthene-d10	19.01	212	29547	0.33	ng	0.00
29) Terphenyl-d14	19.62	244	33868	0.58	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.03	142	1124	0.030	ng	Qvalue # 94
32) Bis(2-ethylhexyl)phthalate	21.12	149	1608	0.038	ng	96

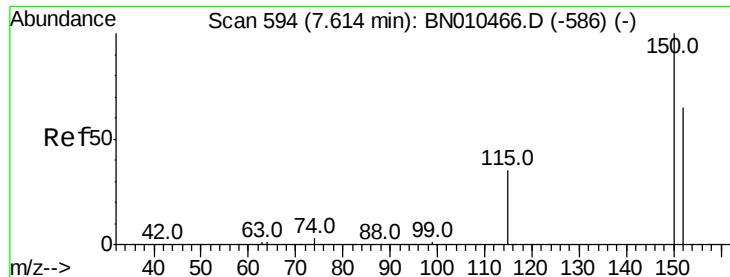
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200407

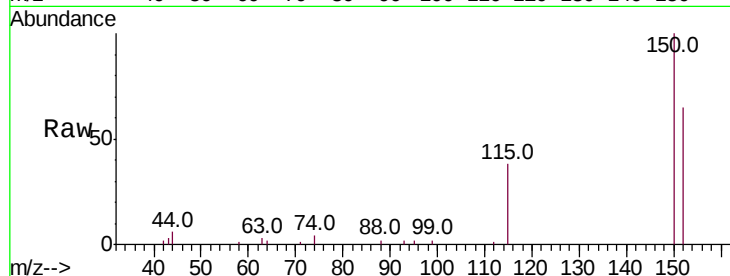
Tot Ion:152 Resp: 5357

Ion Ratio Lower Upper

152 100

150 155.0 121.8 182.6

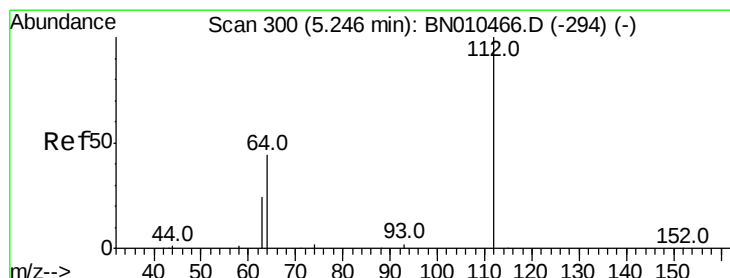
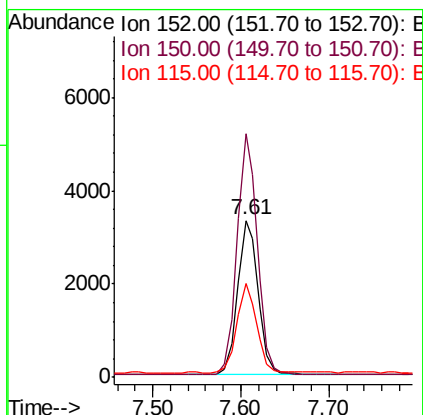
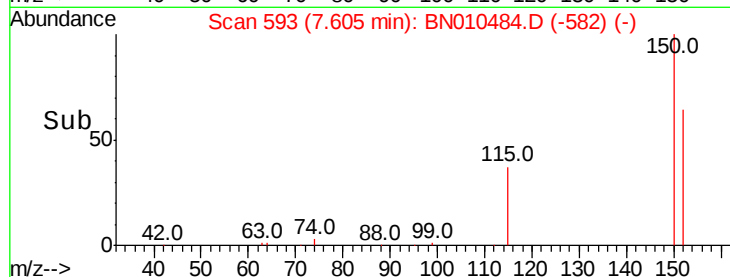
115 59.4 45.5 68.3



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



#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

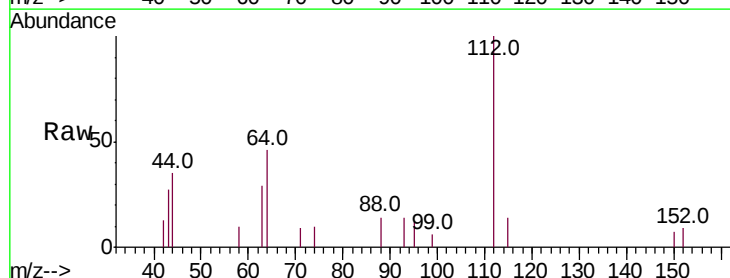
Tgt Ion:112 Resp: 1381

Ion Ratio Lower Upper

112 100

64 45.9 35.8 53.8

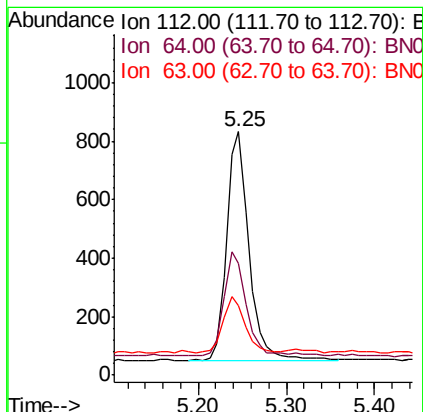
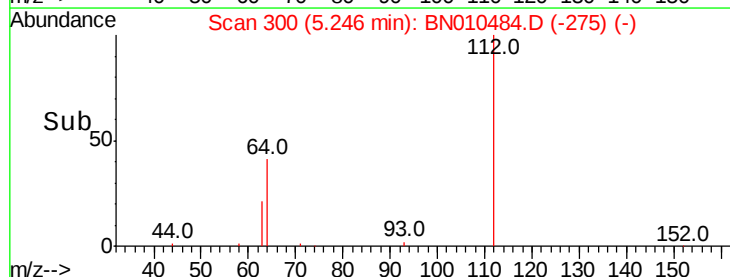
63 24.0 19.9 29.9

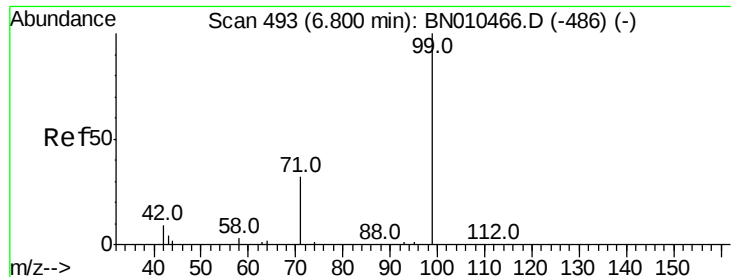


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.066 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200407

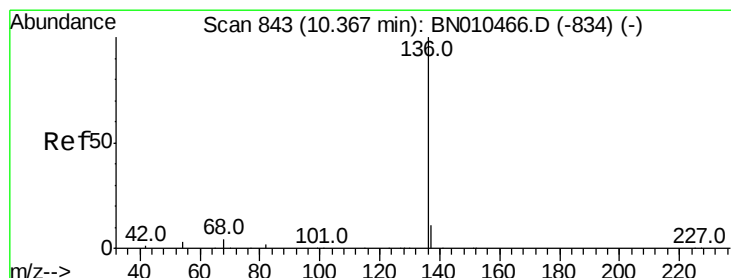
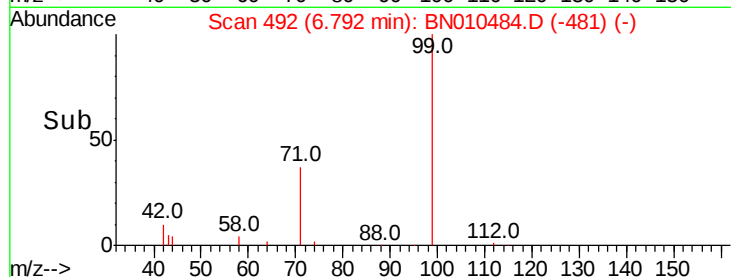
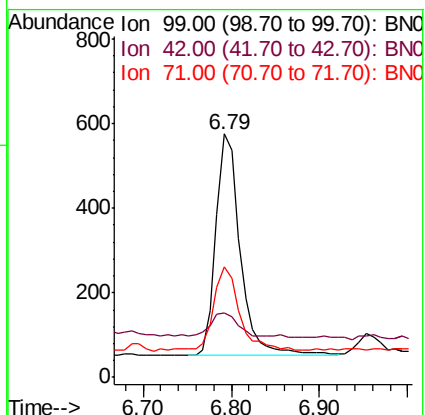
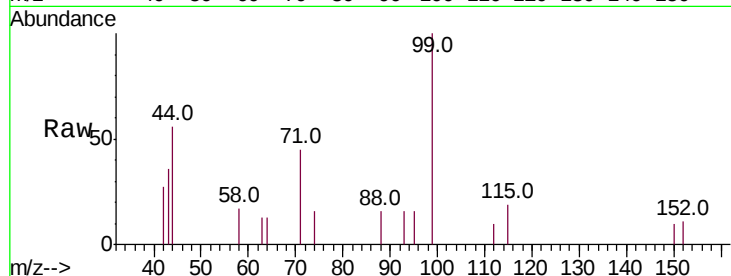
Tot Ion: 99 Resp: 1005

Ion Ratio Lower Upper

99 100

42 14.1 9.8 14.6

71 40.5 27.8 41.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

Tgt Ion: 136 Resp: 20752

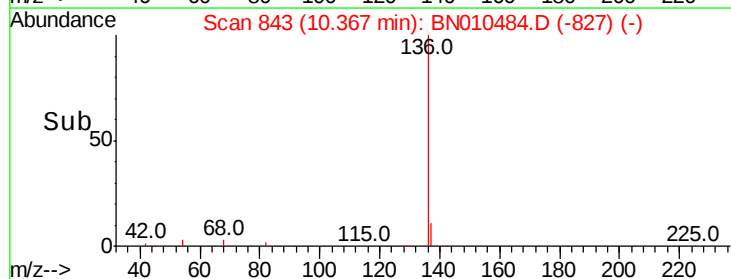
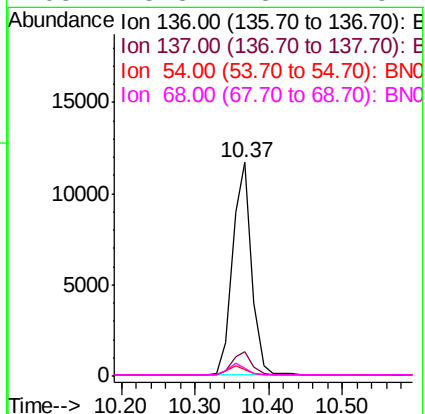
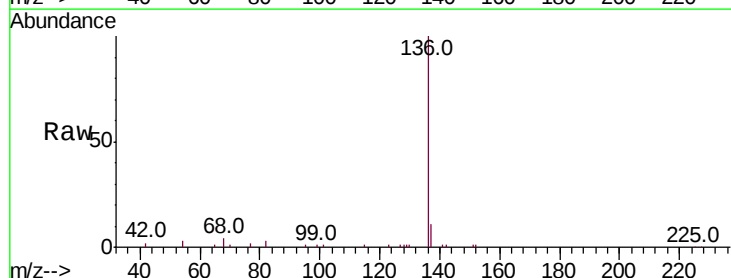
Ion Ratio Lower Upper

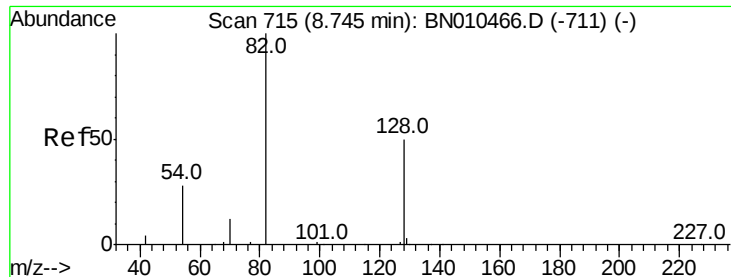
136 100

137 11.4 8.9 13.3

54 3.0 2.6 4.0

68 3.8 3.4 5.2





#8

Nitrobenzene-d5

Concen: 0.325 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200407

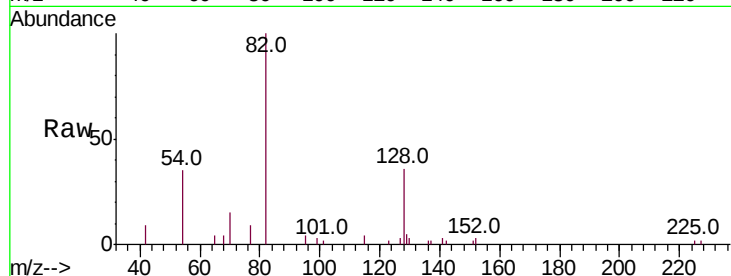
Tot Ion: 82 Resp: 4716

Ion Ratio Lower Upper

82 100

128 36.4 41.3 61.9#

54 35.5 23.4 35.0#



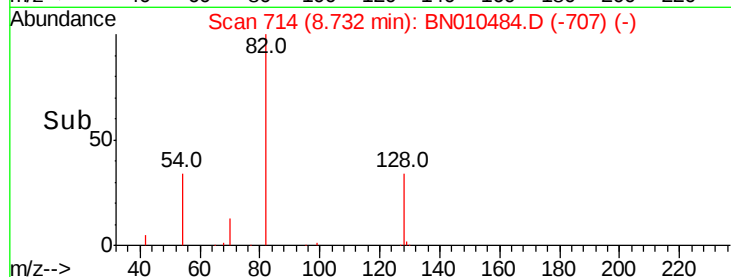
Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

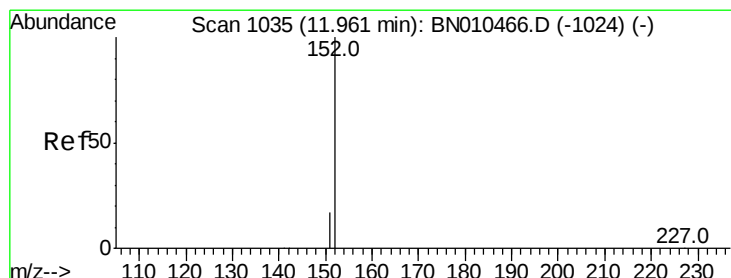
Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

8.73

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 11.96 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BN010484.D

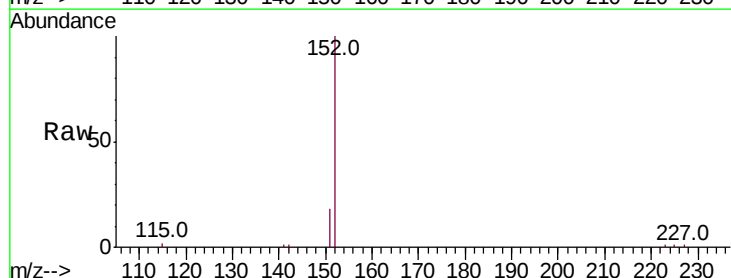
Acq: 14 Apr 2020 18:30

Tgt Ion: 152 Resp: 10401

Ion Ratio Lower Upper

152 100

151 19.7 15.3 22.9

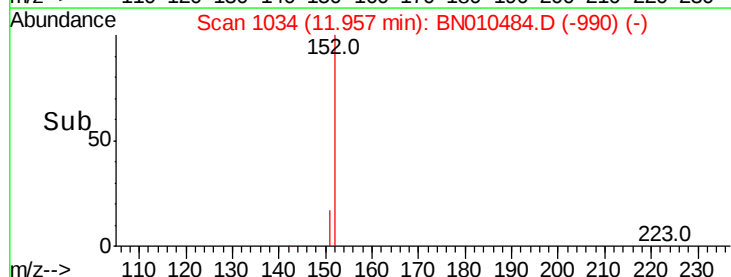


Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

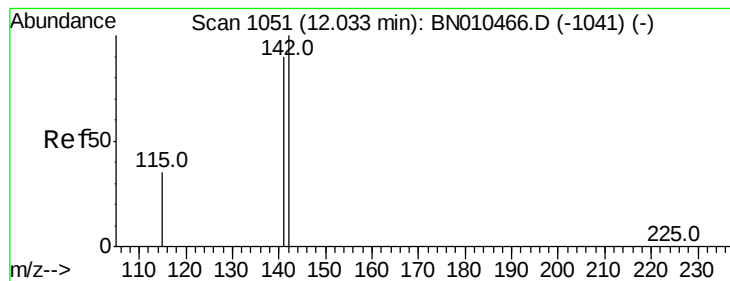
Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)

11.96

Time-->



Time-->



#12

2-Methylnaphthalene

Concen: 0.030 ng

RT: 12.03 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200407

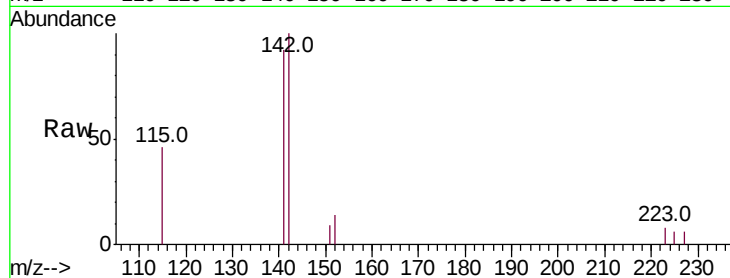
Tot Ion:142 Resp: 1124

Ion Ratio Lower Upper

142 100

141 91.7 71.9 107.9

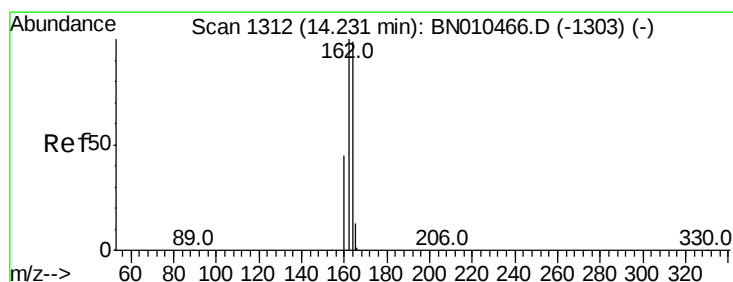
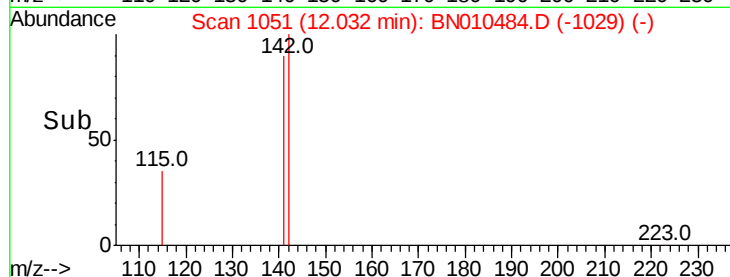
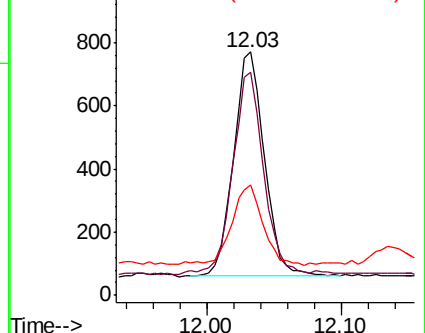
115 45.5 28.8 43.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

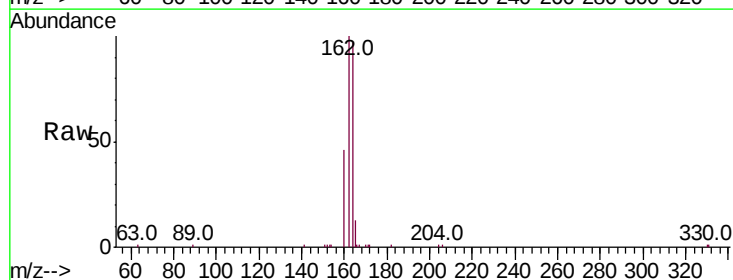
Tgt Ion:164 Resp: 13126

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

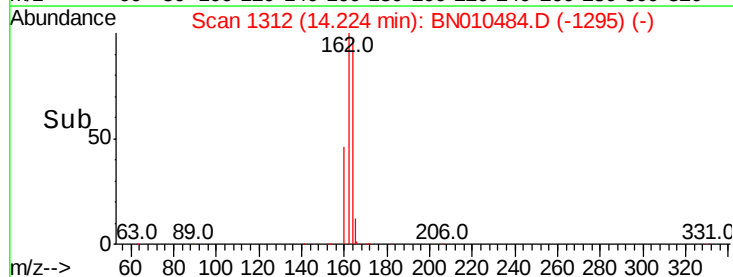
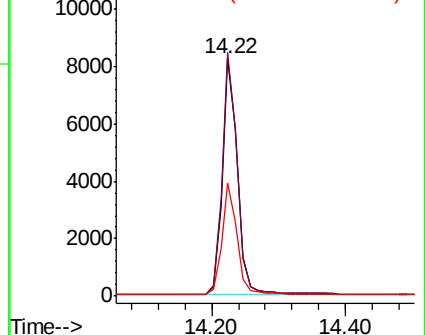
160 47.7 36.5 54.7

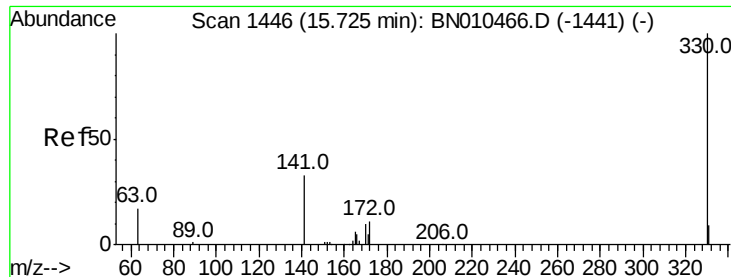


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

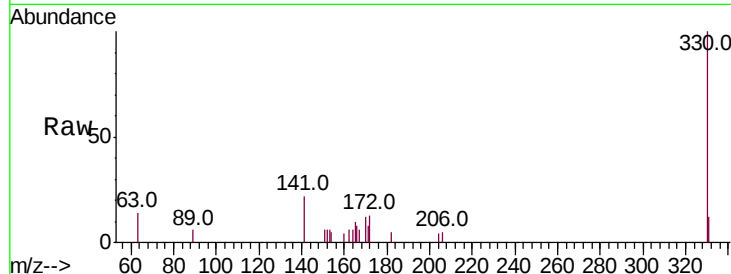




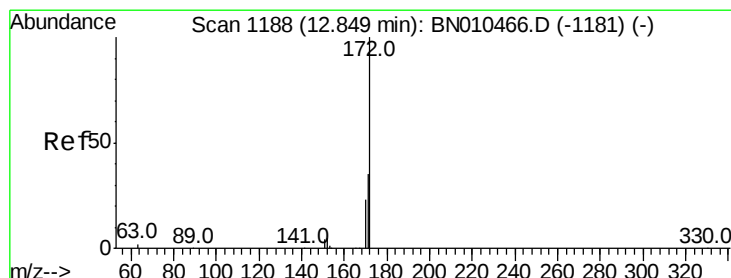
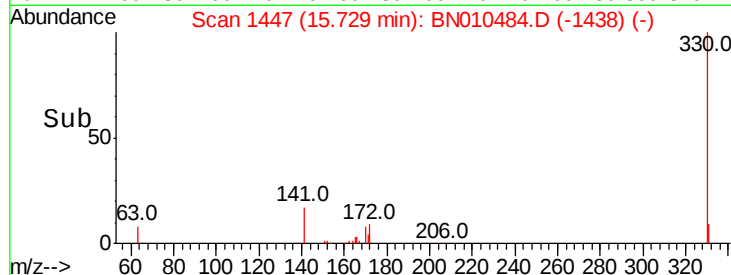
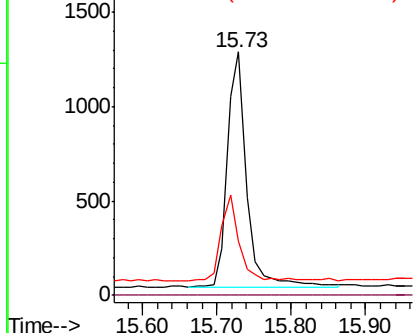
#14
 2,4,6-Tribromophenol
 Concen: 0.361 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010484.D
 Acq: 14 Apr 2020 18:30

Instrument :
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 OUTFALL001-200407

Tot Ion:330 Resp: 2233
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.5 28.1 42.1

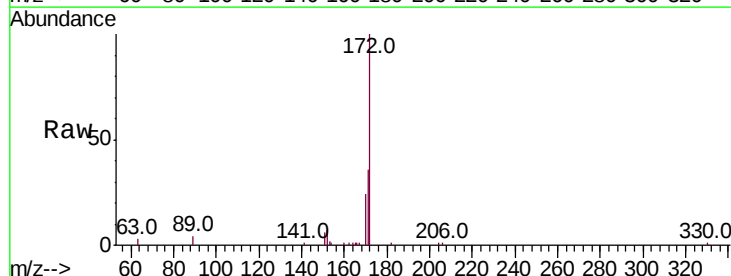


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

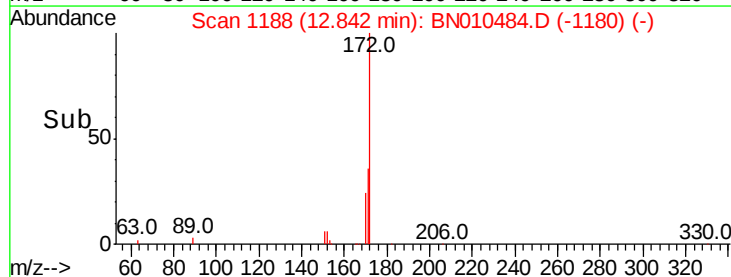
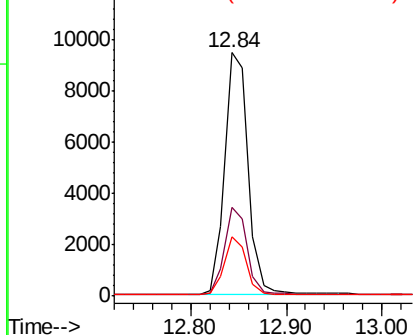


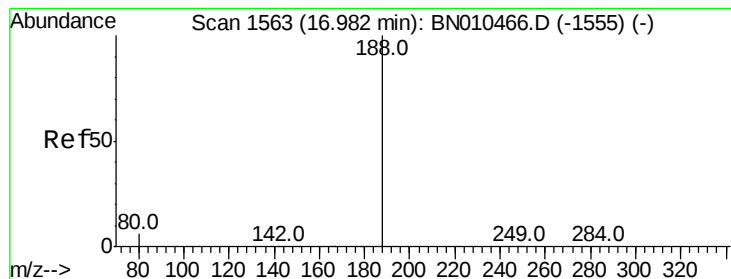
#15
 2-Fluorobiphenyl
 Concen: 0.342 ng
 RT: 12.84 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BN010484.D
 Acq: 14 Apr 2020 18:30

Tgt Ion:172 Resp: 16356
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.2 42.2
 170 24.3 18.4 27.6



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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200407

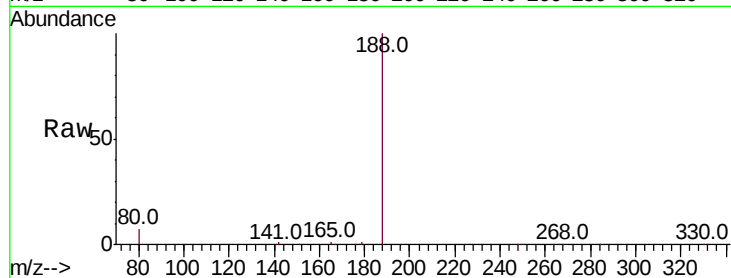
Tot Ion:188 Resp: 29152

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

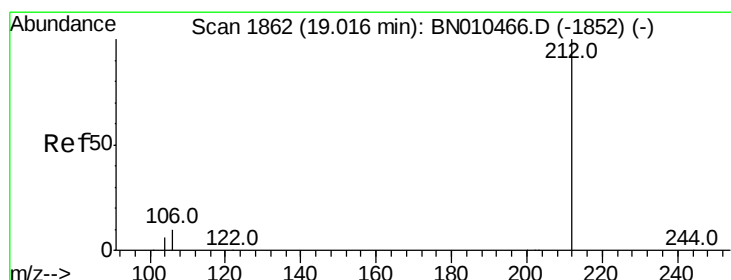
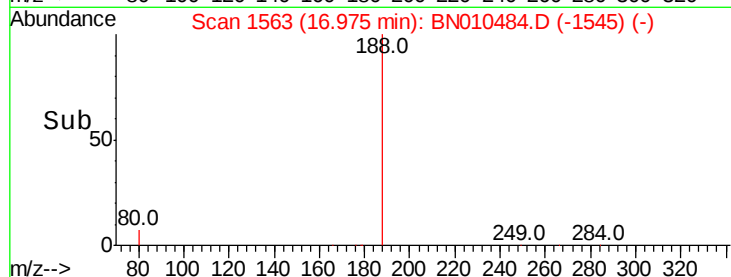
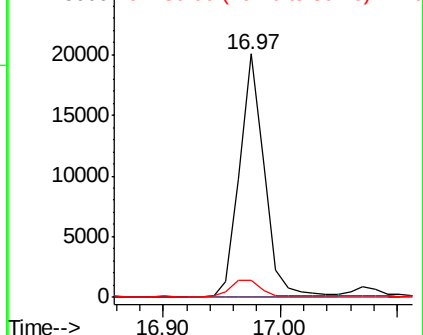
80 7.2 5.0 7.6



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



#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

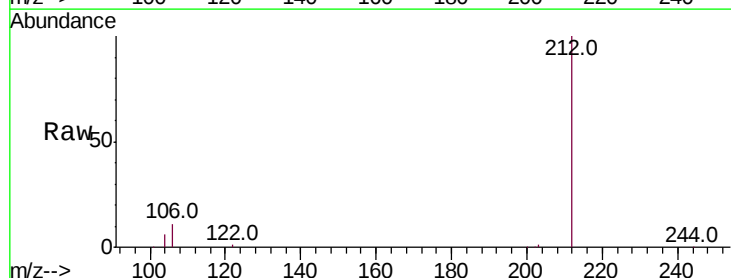
Tgt Ion:212 Resp: 29547

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

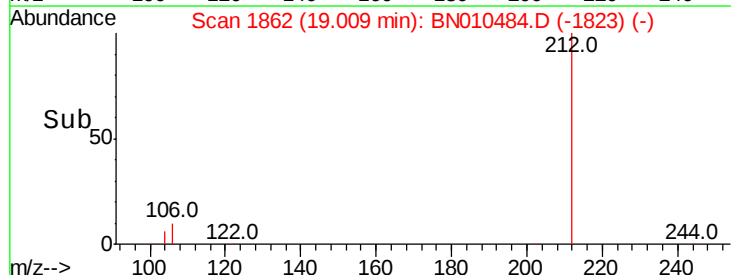
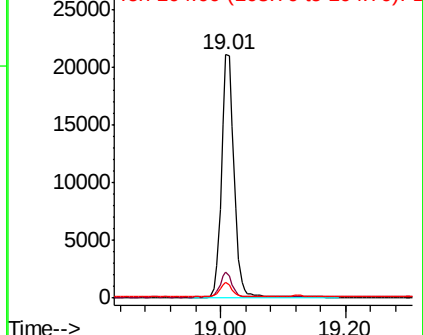
104 5.7 4.5 6.7

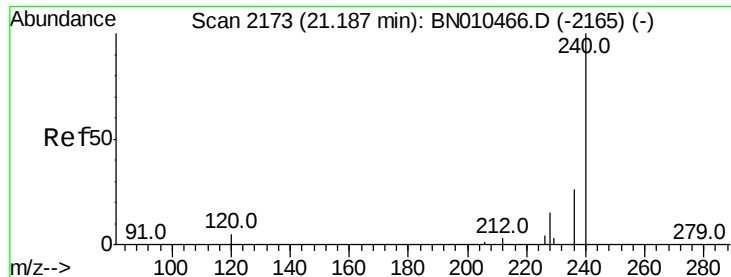


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

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OUTFALL001-200407

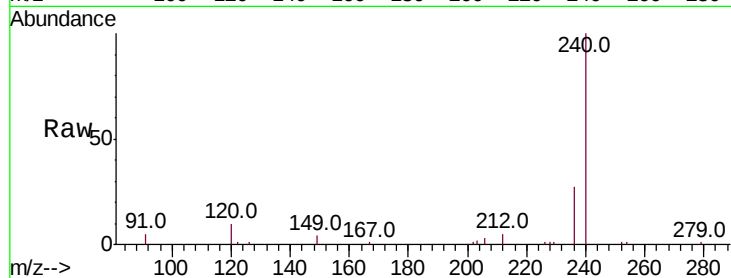
Tot Ion:240 Resp: 25371

Ion Ratio Lower Upper

240 100

120 9.6 4.8 7.2#

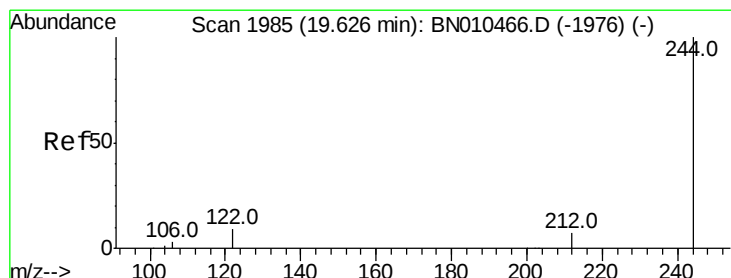
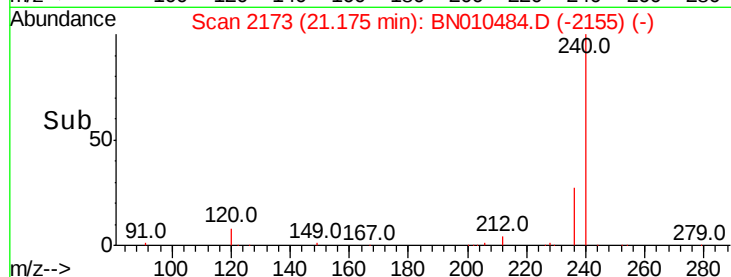
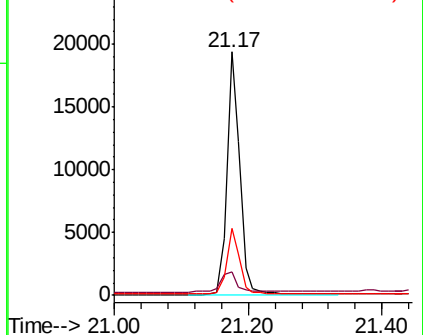
236 27.3 21.4 32.0



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: 0.583 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

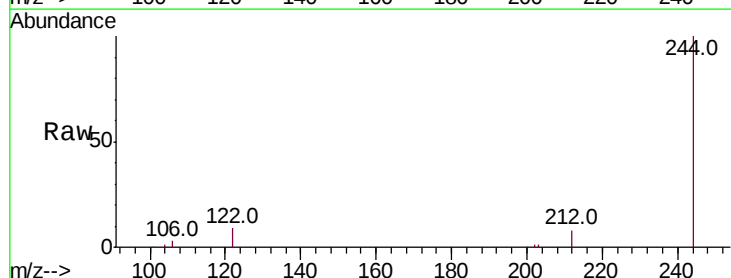
Tgt Ion:244 Resp: 33868

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

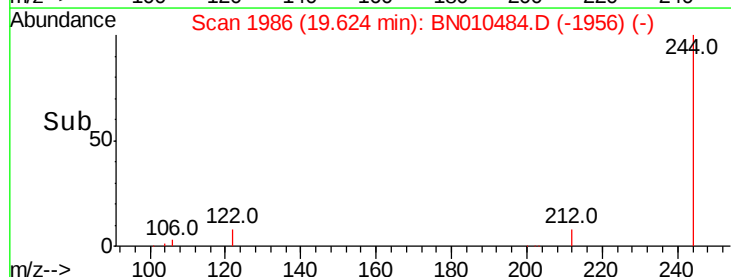
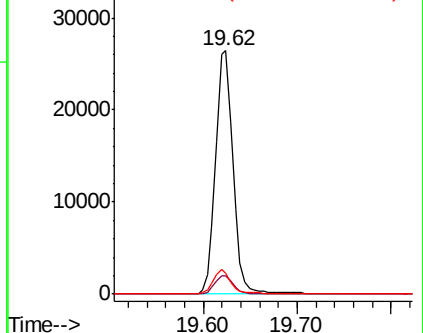
122 8.6 7.8 11.8

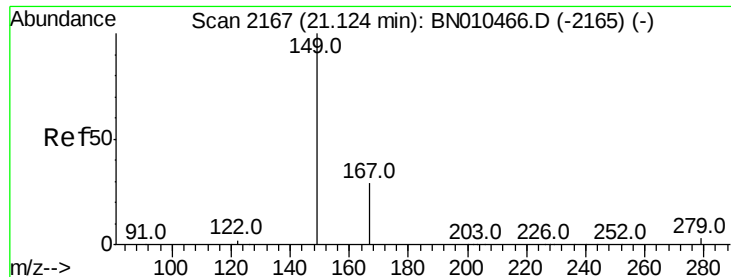


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.038 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200407

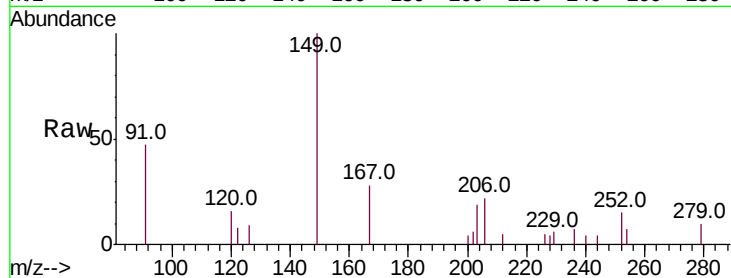
Tot Ion:149 Resp: 1608

Ion Ratio Lower Upper

149 100

167 27.2 23.4 35.0

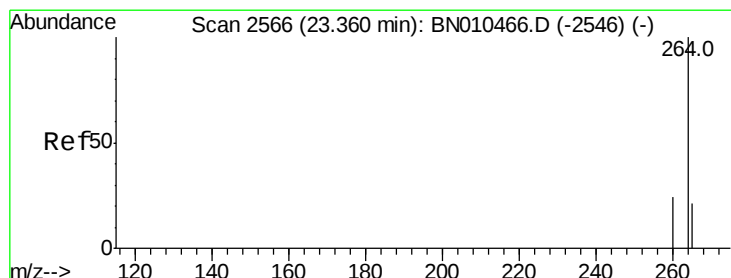
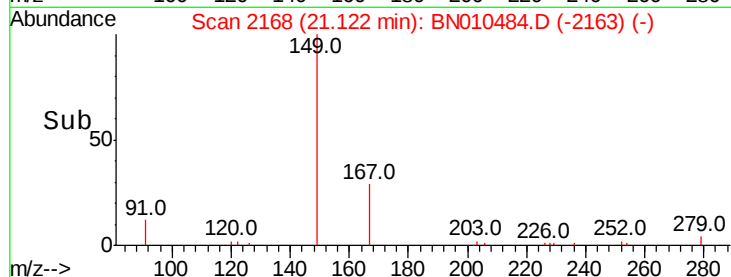
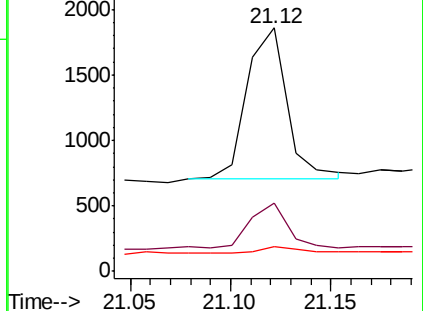
279 4.0 4.0 6.0



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: 23.35 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010484.D

Acq: 14 Apr 2020 18:30

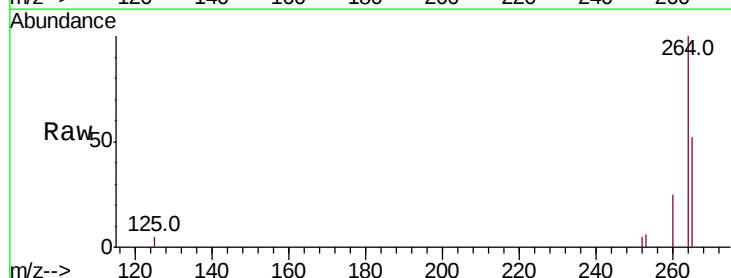
Tgt Ion:264 Resp: 22186

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 51.7 42.3 63.5



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

