

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
 Data File : BN010596.D
 Acq On : 24 Apr 2020 19:37
 Operator : CG/JU
 Sample : L2330-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WB-TWP-4

Quant Time: Apr 24 20:09:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 12:47:59 2020
 Response via : Initial Calibration

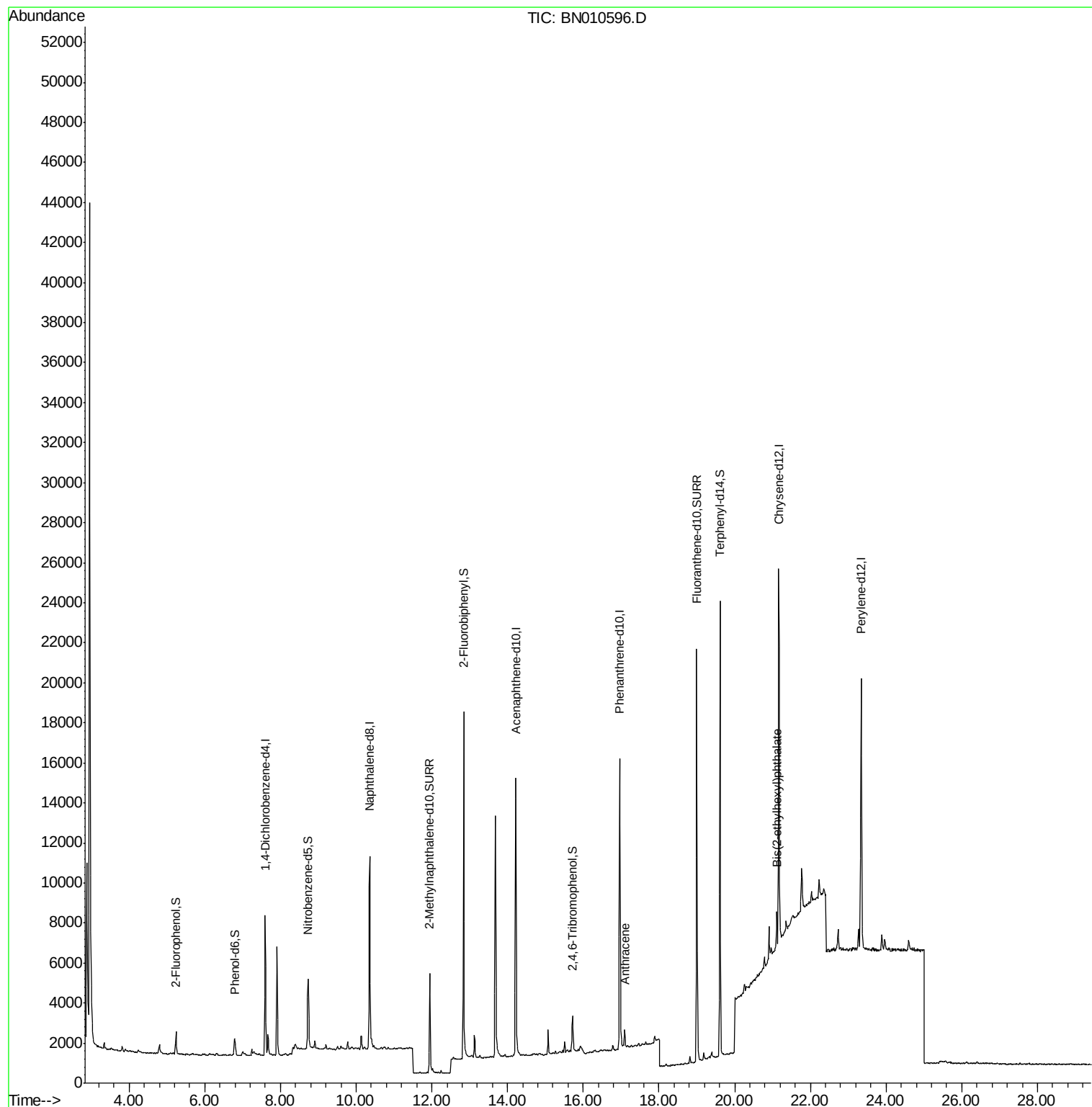
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3526	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	14712	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	9303	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	21203	0.40	ng	0.00
27) Chrysene-d12	21.17	240	19584	0.40	ng	0.00
34) Perylene-d12	23.34	264	17750	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1186	0.15	ng	0.00
5) Phenol-d6	6.78	99	934	0.09	ng	0.00
8) Nitrobenzene-d5	8.73	82	3451	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	7399	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1450	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	17102	0.51	ng	0.00
25) Fluoranthene-d10	19.00	212	24207	0.38	ng	0.00
29) Terphenyl-d14	19.61	244	23187	0.52	ng	0.00
Target Compounds						
24) Anthracene	17.10	178	1077	0.021	ng	96
32) Bis(2-ethylhexyl)phthalate	21.11	149	1541	0.047	ng	# 97

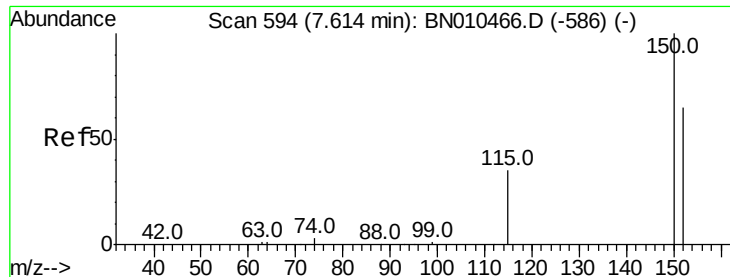
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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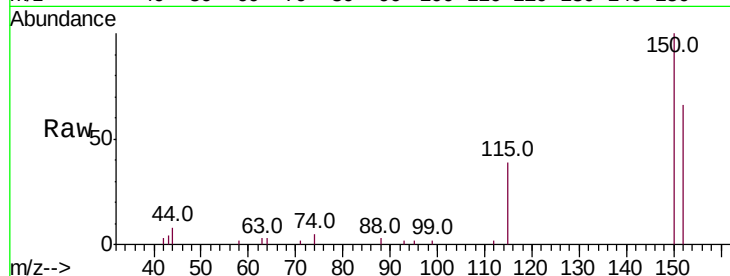


#1

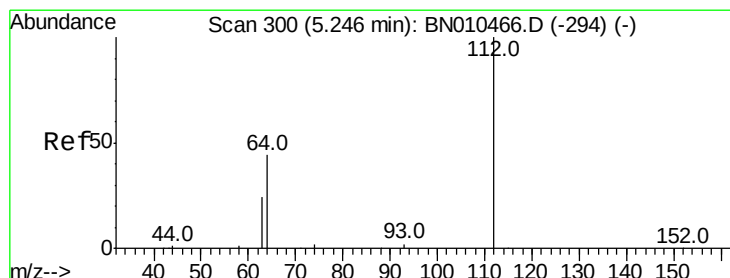
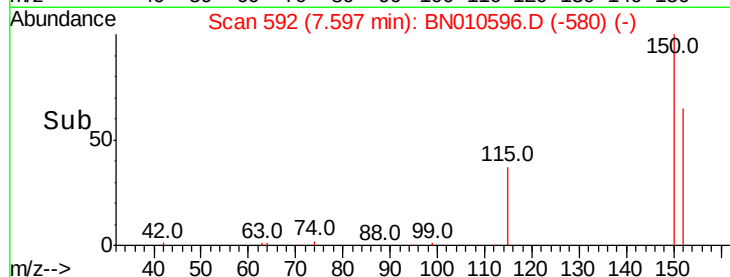
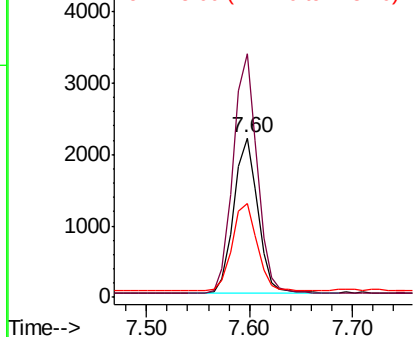
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN010596.D
Acq: 24 Apr 2020 19:37

Instrument :
BNA_N
ClientSampleId :
WB-TWP-4

Tot Ion:152 Resp: 3526
Ion Ratio Lower Upper
152 100
150 152.6 121.8 182.6
115 59.2 45.5 68.3



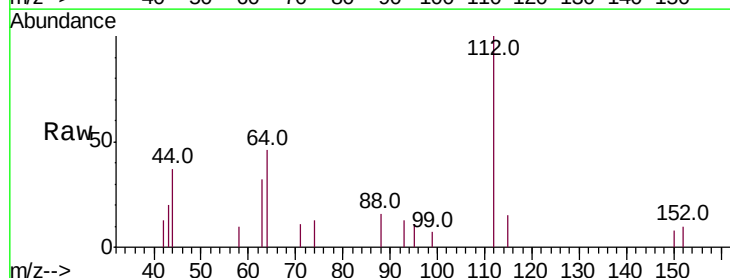
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



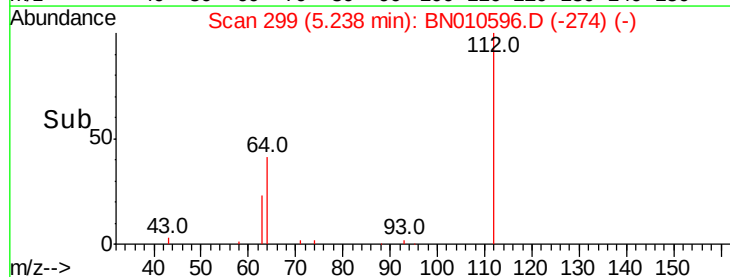
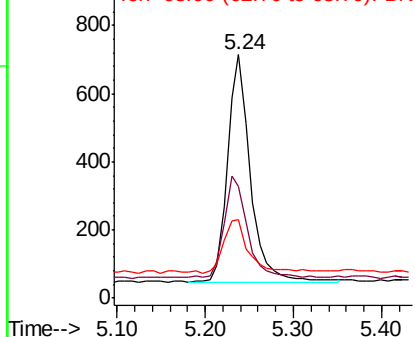
#4

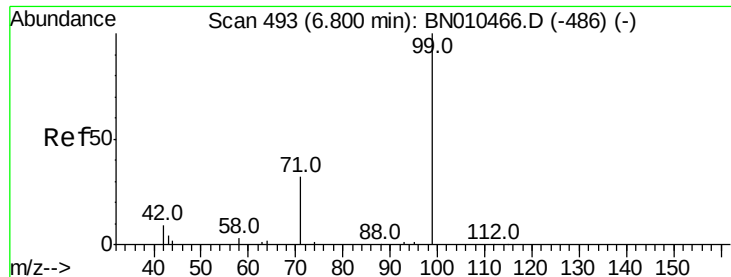
2-Fluorophenol
Concen: 0.154 ng
RT: 5.24 min Scan# 299
Delta R.T. 0.00 min
Lab File: BN010596.D
Acq: 24 Apr 2020 19:37

Tgt Ion:112 Resp: 1186
Ion Ratio Lower Upper
112 100
64 47.8 35.8 53.8
63 24.9 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: 0.093 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010596.D

Acq: 24 Apr 2020 19:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-4

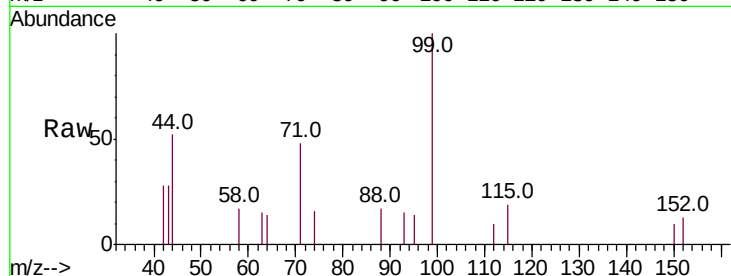
Tot Ion: 99 Resp: 934

Ion Ratio Lower Upper

99 100

42 16.4 9.8 14.6#

71 51.8 27.8 41.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)

6.78

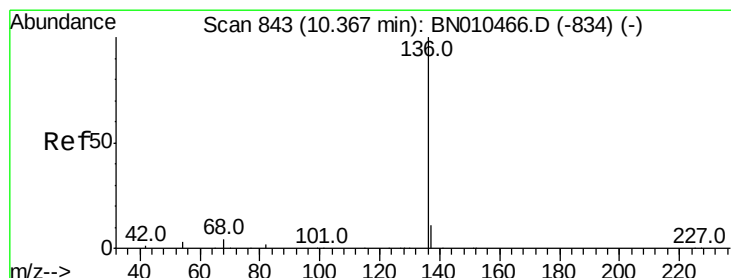
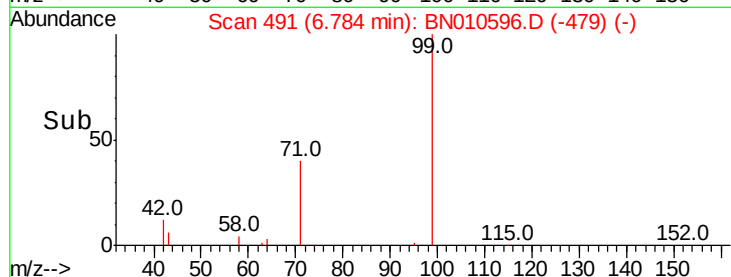
400

200

0

6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010596.D

Acq: 24 Apr 2020 19:37

Tgt Ion: 136 Resp: 14712

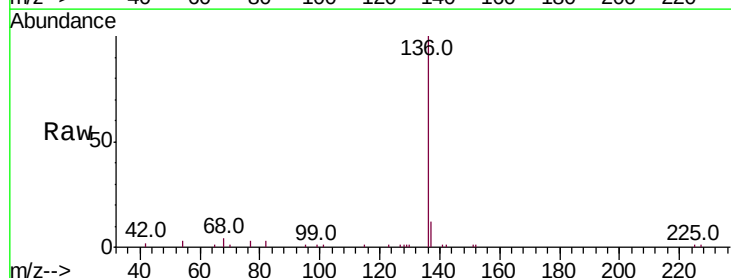
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.4 2.6 4.0

68 4.0 3.4 5.2



Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

10.35

8000

6000

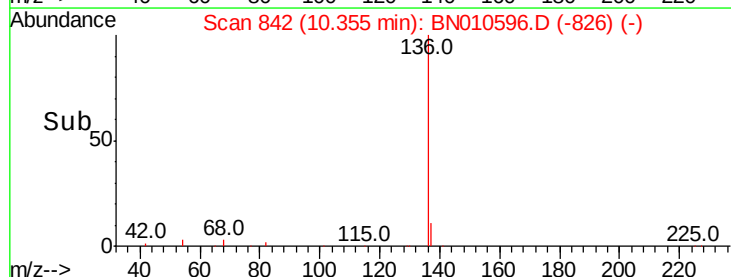
4000

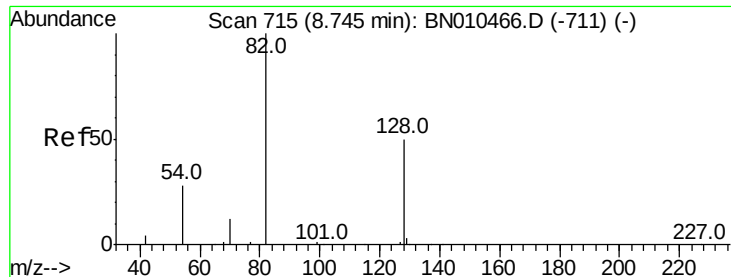
2000

0

10.20 10.30 10.40 10.50

Time-->

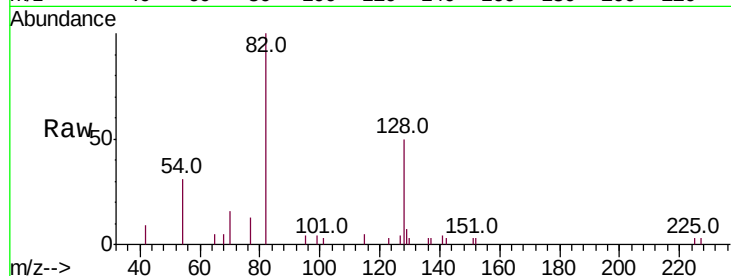




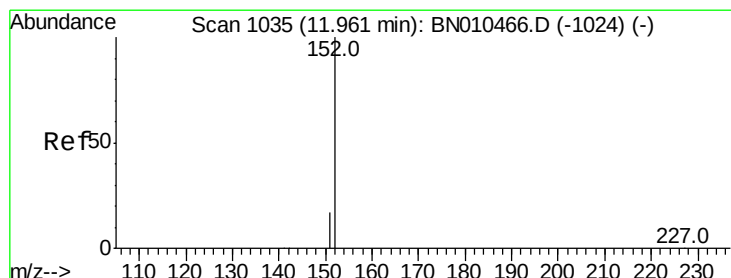
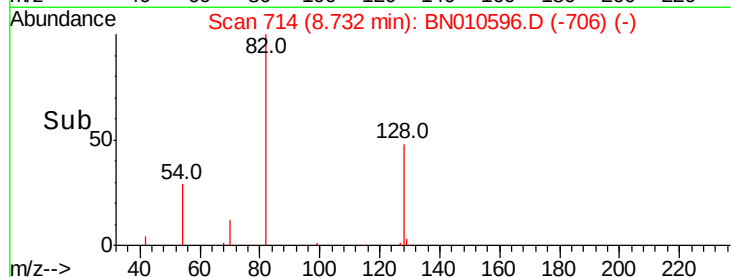
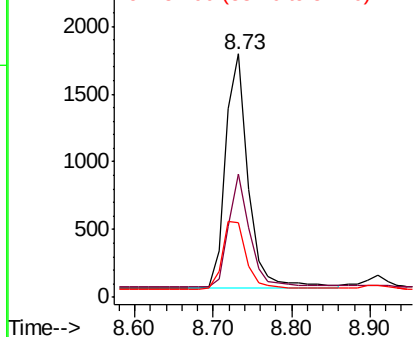
#8
 Nitrobenzene-d5
 Concen: 0.336 ng
 RT: 8.73 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BN010596.D
 Acq: 24 Apr 2020 19:37

Instrument :
 BNA_N
 ClientSampleId :
 WB-TWP-4

Tot Ion: 82 Resp: 3451
 Ion Ratio Lower Upper
 82 100
 128 50.4 41.3 61.9
 54 30.9 23.4 35.0

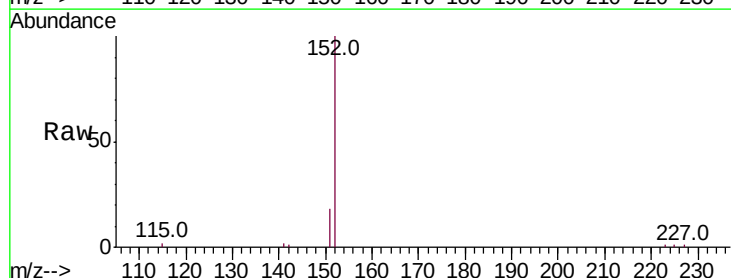


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

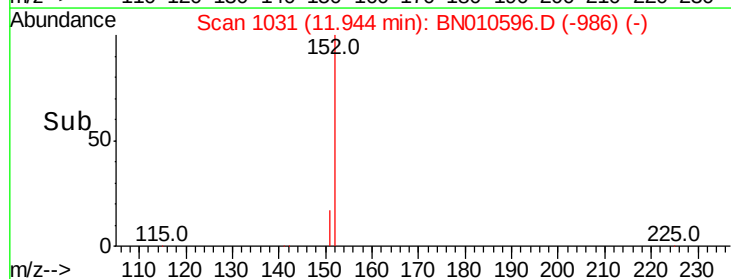
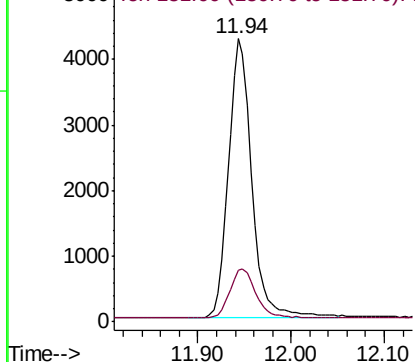


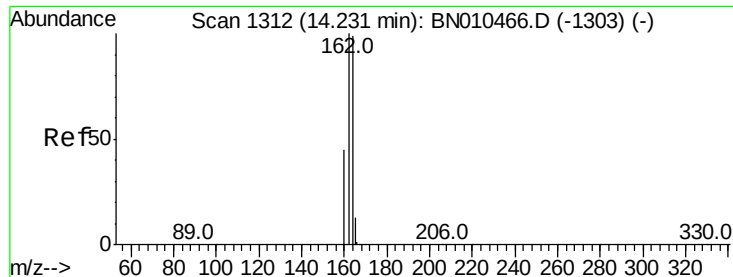
#11
 2-Methylnaphthalene-d10
 Concen: 0.306 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BN010596.D
 Acq: 24 Apr 2020 19:37

Tgt Ion: 152 Resp: 7399
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BN010596.D

Acq: 24 Apr 2020 19:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-4

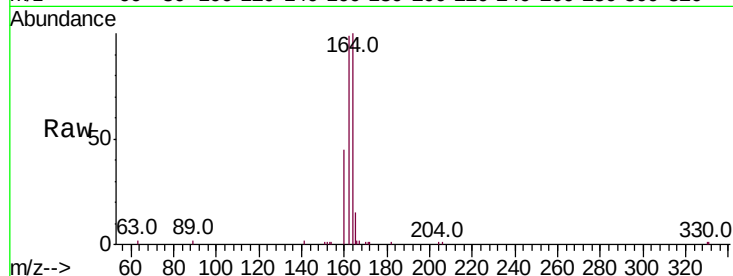
Tot Ion:164 Resp: 9303

Ion Ratio Lower Upper

164 100

162 99.2 80.6 121.0

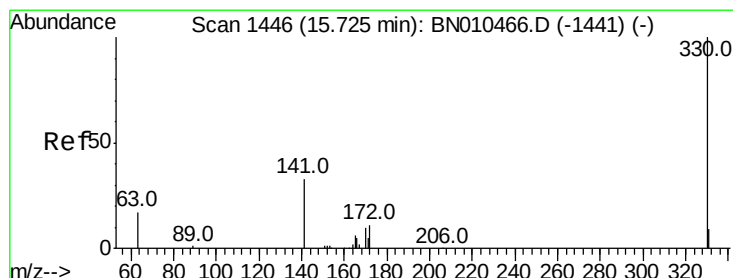
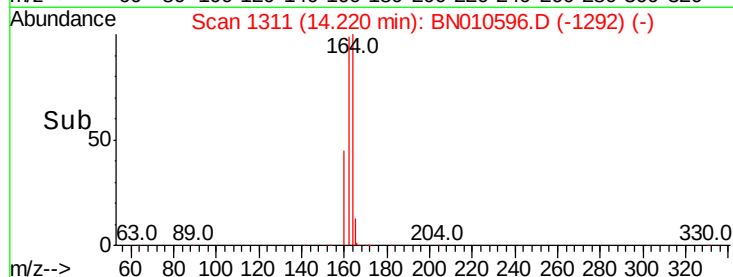
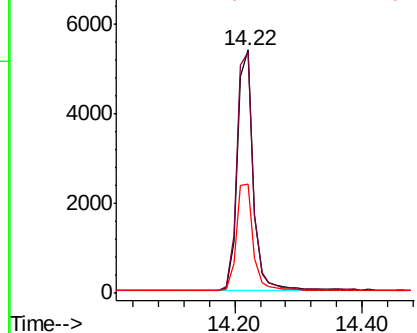
160 45.1 36.5 54.7



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: 0.331 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010596.D

Acq: 24 Apr 2020 19:37

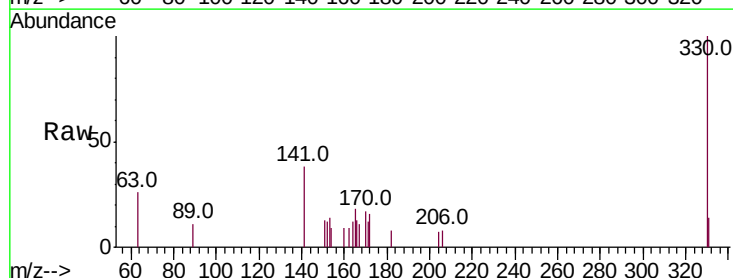
Tgt Ion:330 Resp: 1450

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

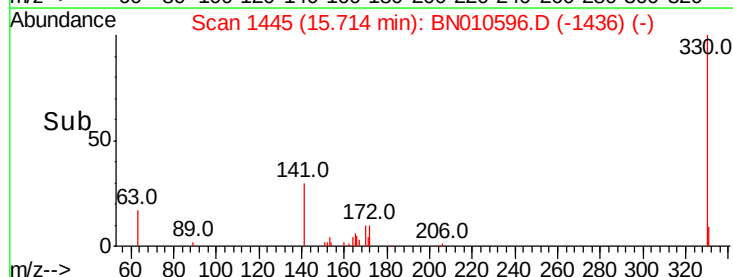
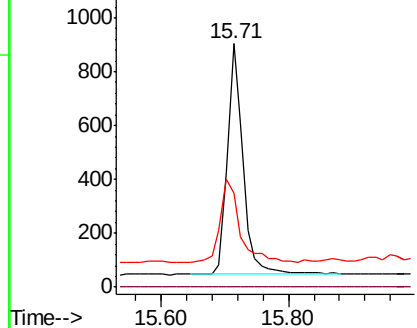
141 43.4 28.1 42.1#

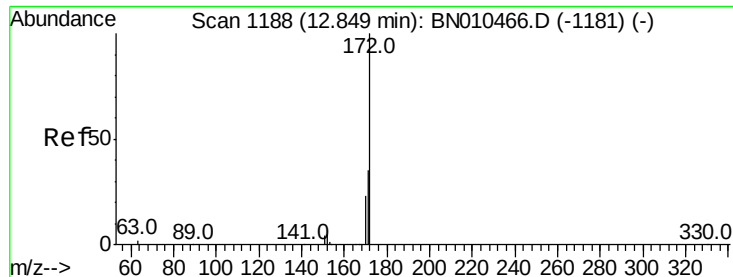


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

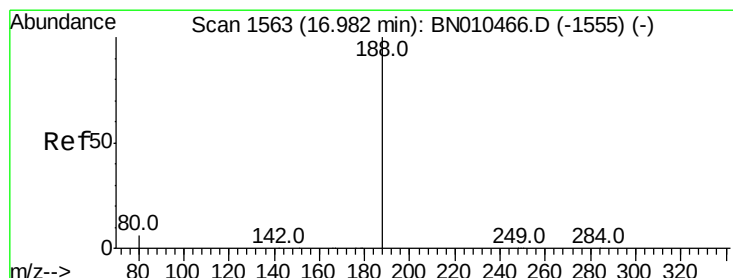
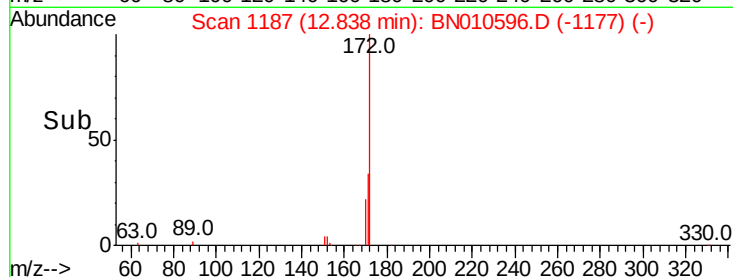
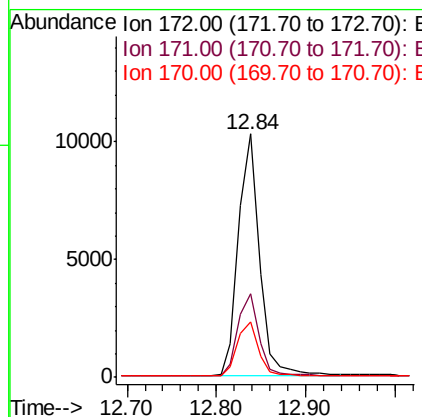
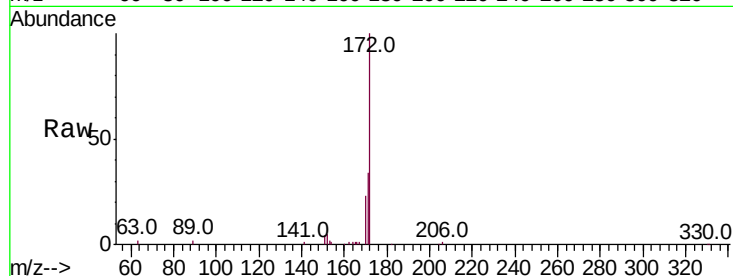




#15
2-Fluorobiphenyl
Concen: 0.505 ng
RT: 12.84 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BN010596.D
Acq: 24 Apr 2020 19:37

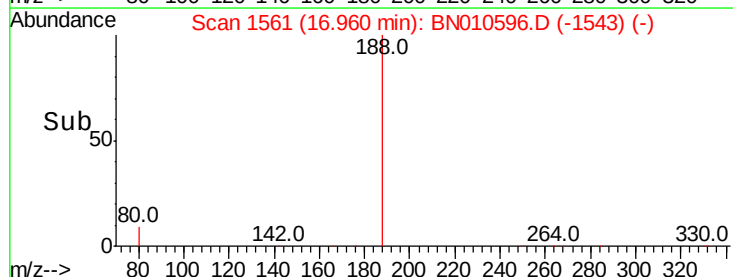
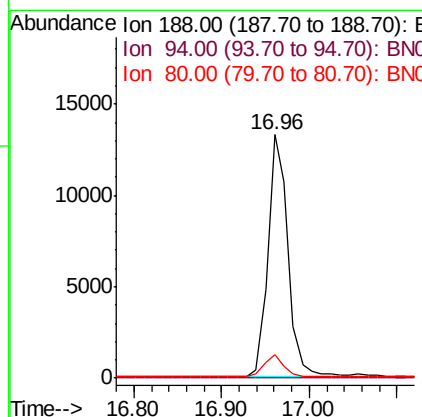
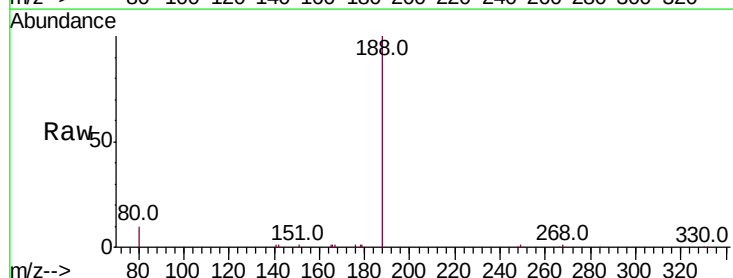
Instrument :
BNA_N
ClientSampleId :
WB-TWP-4

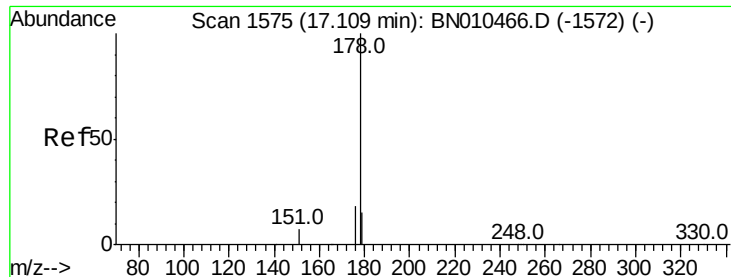
Tot Ion:172 Resp: 17102
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.7 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010596.D
Acq: 24 Apr 2020 19:37

Tgt Ion:188 Resp: 21203
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 5.0 7.6#





#24

Anthracene

Concen: 0.021 ng

RT: 17.10 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BN010596.D

Acq: 24 Apr 2020 19:37

Instrument :

BNA_N

ClientSampleId :

WB-TWP-4

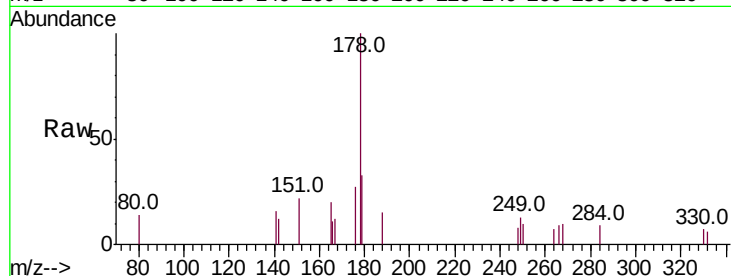
Tot Ion:178 Resp: 1077

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

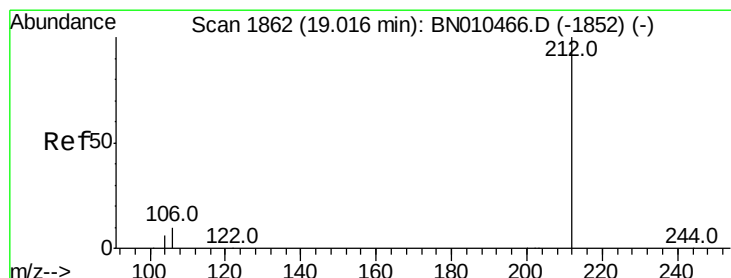
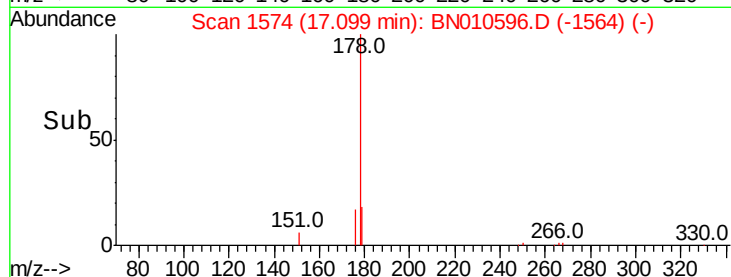
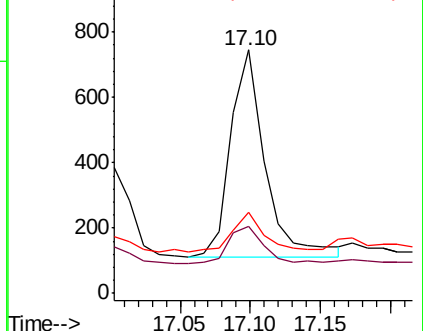
179 18.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.00 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN010596.D

Acq: 24 Apr 2020 19:37

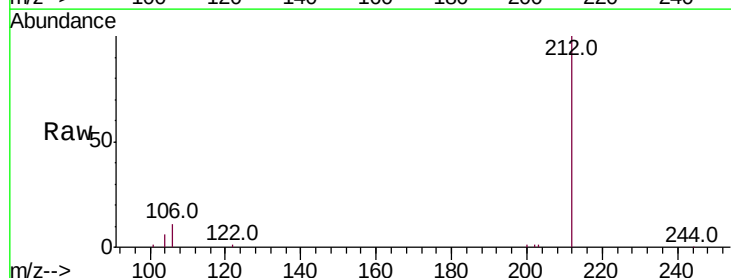
Tgt Ion:212 Resp: 24207

Ion Ratio Lower Upper

212 100

106 10.3 7.8 11.6

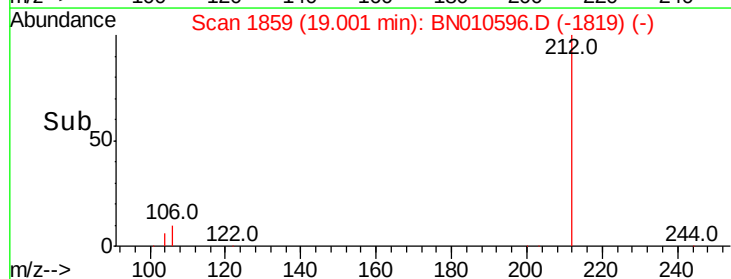
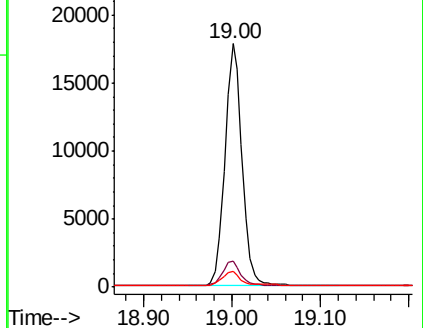
104 5.7 4.5 6.7

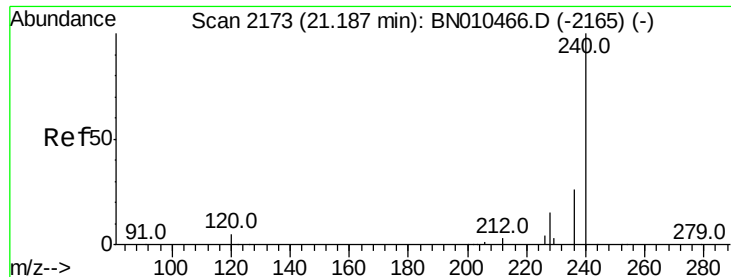


Abundance Ion 212.00 (211.70 to 212.70): E

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# 2171

Delta R.T. -0.01 min

Lab File: BN010596.D

Acq: 24 Apr 2020 19:37

Instrument :

BNA_N

ClientSampled :

WB-TWP-4

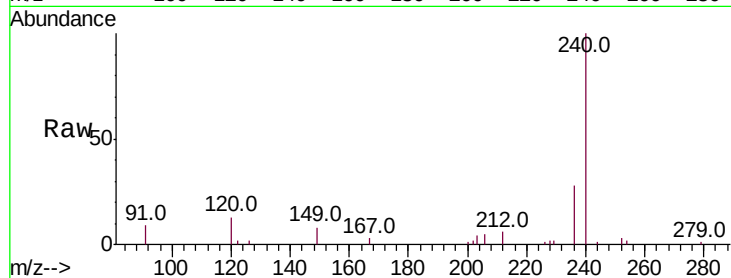
Tot Ion:240 Resp: 19584

Ion Ratio Lower Upper

240 100

120 13.0 4.8 7.2#

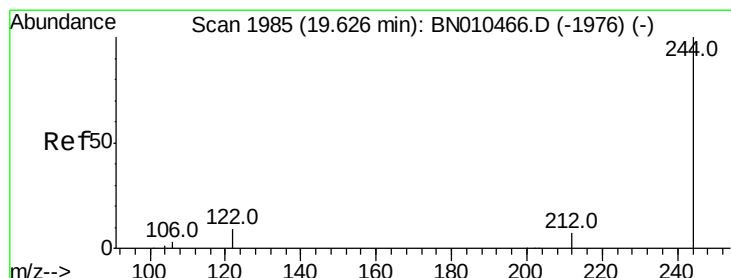
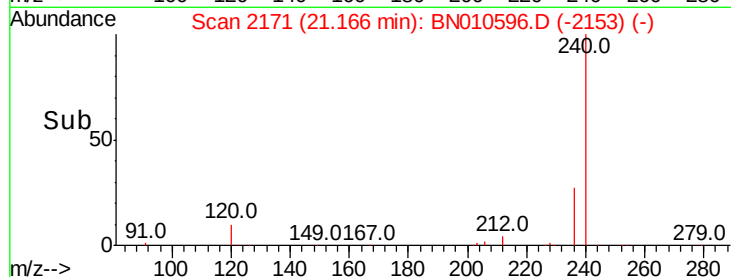
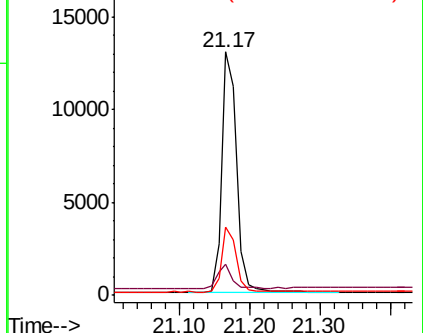
236 27.9 21.4 32.0



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: 0.517 ng

RT: 19.61 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN010596.D

Acq: 24 Apr 2020 19:37

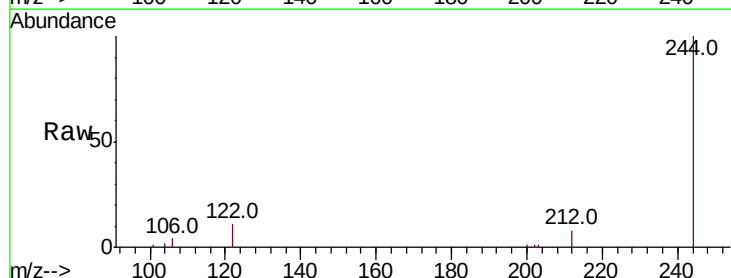
Tgt Ion:244 Resp: 23187

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

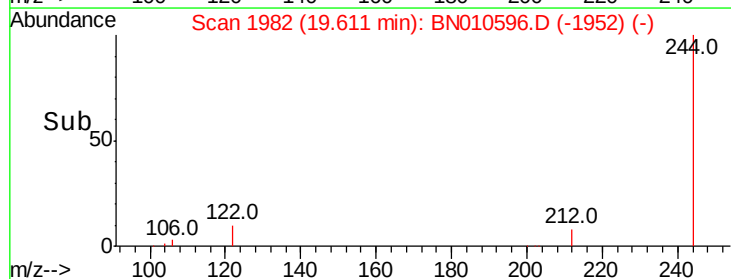
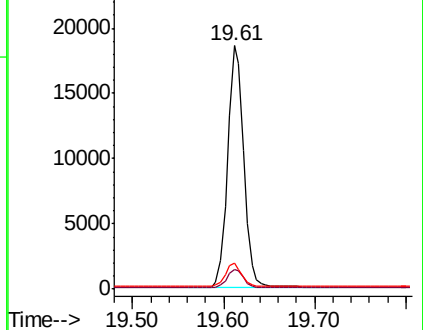
122 10.8 7.8 11.8

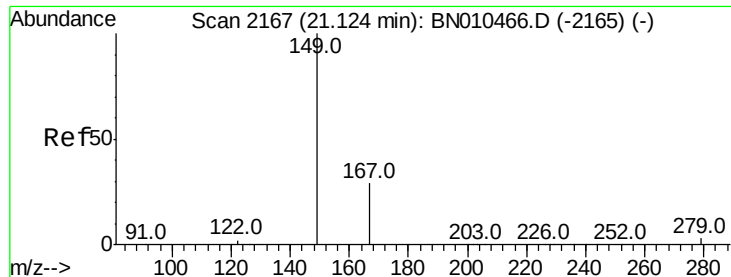


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

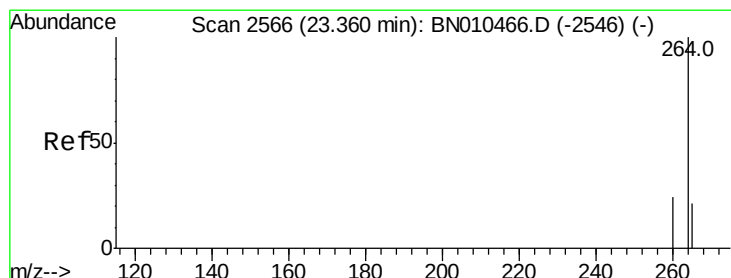
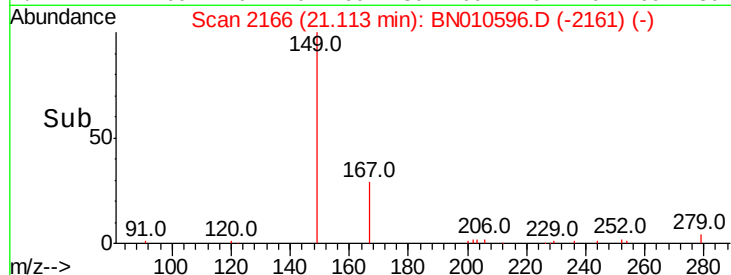
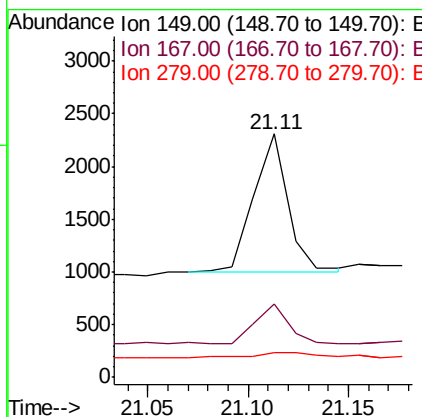
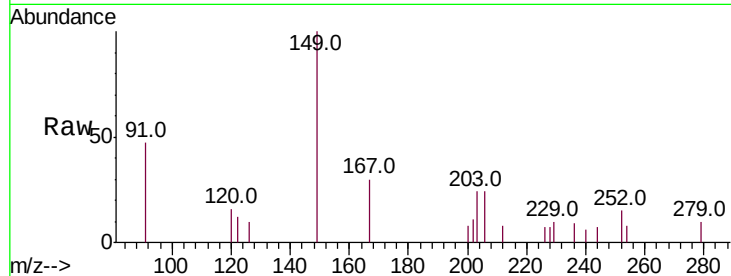




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.11 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BN010596.D
 Acq: 24 Apr 2020 19:37

Instrument :
 BNA_N
 ClientSampleId :
 WB-TWP-4

Tot Ion:149 Resp: 1541
 Ion Ratio Lower Upper
 149 100
 167 28.2 23.4 35.0
 279 7.5 4.0 6.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.34 min Scan# 2560
 Delta R.T. -0.00 min
 Lab File: BN010596.D
 Acq: 24 Apr 2020 19:37

Tgt Ion:264 Resp: 17750
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.8 29.8
 265 65.2 42.3 63.5#

