

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
 Data File : BN010594.D
 Acq On : 24 Apr 2020 18:25
 Operator : CG/JU
 Sample : L2330-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PA-TWP-1

Quant Time: Apr 24 19:59:45 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

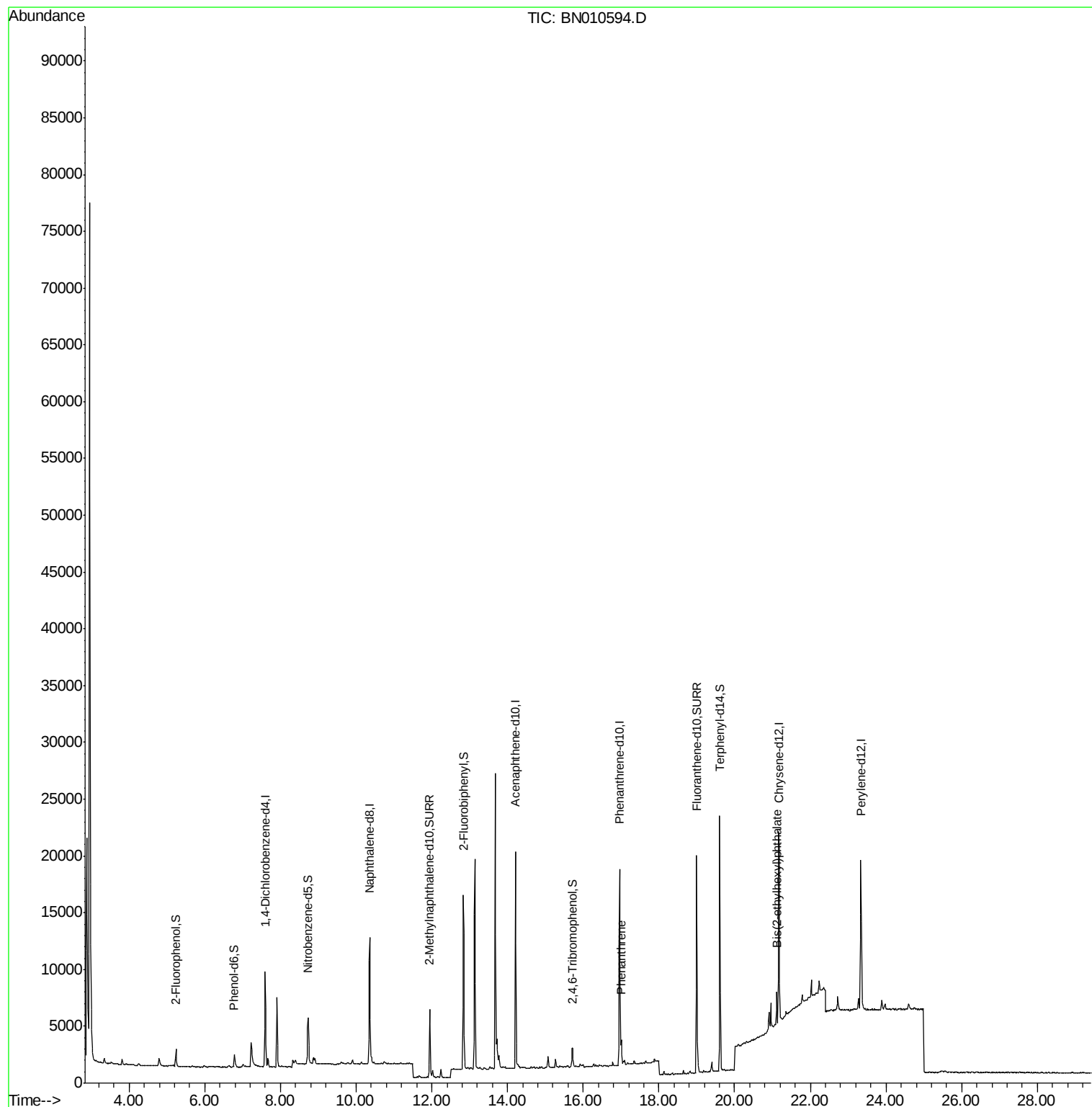
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4180	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16751	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10608	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	23182	0.40	ng	0.00
27) Chrysene-d12	21.17	240	18479	0.40	ng	0.00
34) Perylene-d12	23.34	264	17361	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1533	0.17	ng	0.00
5) Phenol-d6	6.79	99	1228	0.10	ng	0.00
8) Nitrobenzene-d5	8.73	82	3934	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	8358	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1566	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	14477	0.38	ng	0.00
25) Fluoranthene-d10	19.00	212	21661	0.31	ng	0.00
29) Terphenyl-d14	19.61	244	23223	0.55	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.01	178	2307	0.037	ng	95
32) Bis(2-ethylhexyl)phthalate	21.11	149	2468	0.080	ng	96

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

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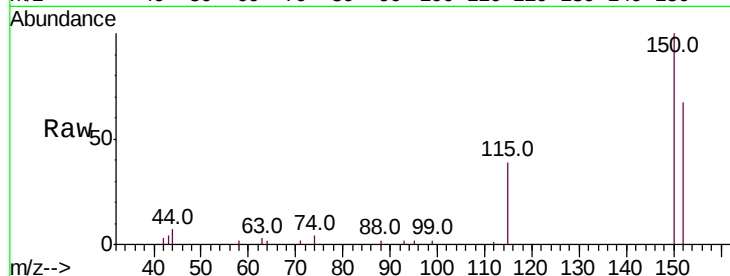


#1

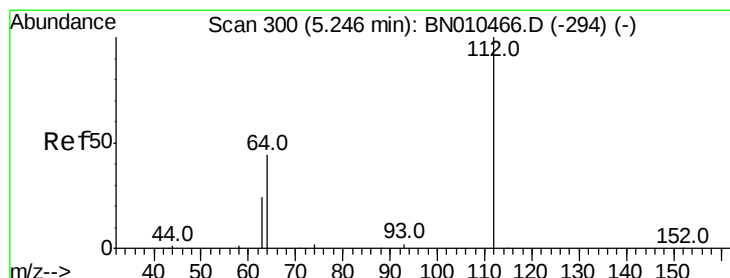
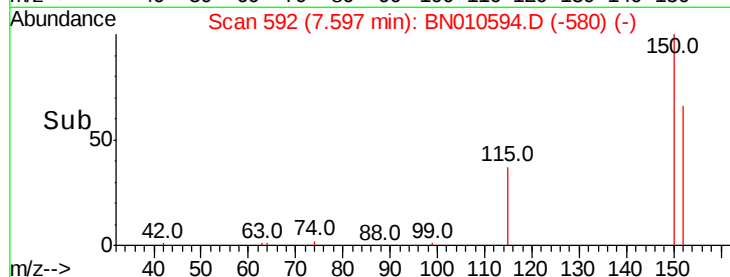
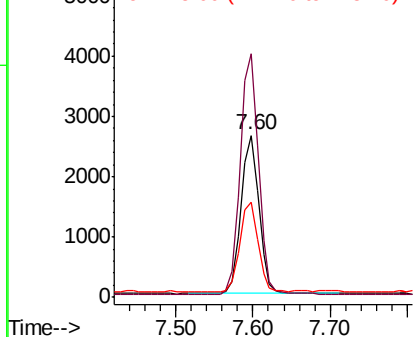
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN010594.D
Acq: 24 Apr 2020 18:25

Instrument :
BNA_N
ClientSampleId :
PA-TWP-1

Tot Ion:152 Resp: 4180
Ion Ratio Lower Upper
152 100
150 150.4 121.8 182.6
115 58.9 45.5 68.3



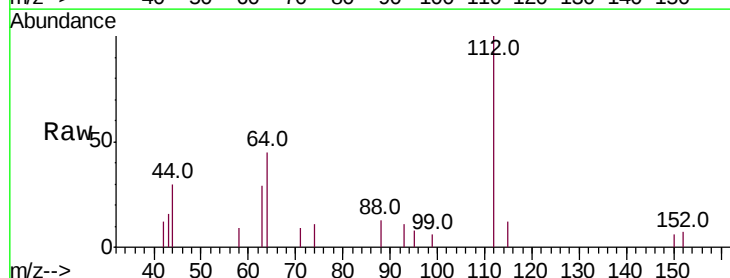
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



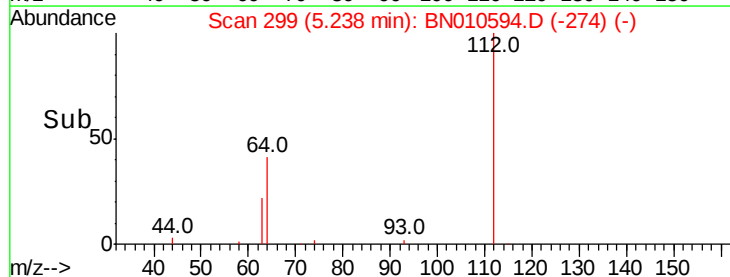
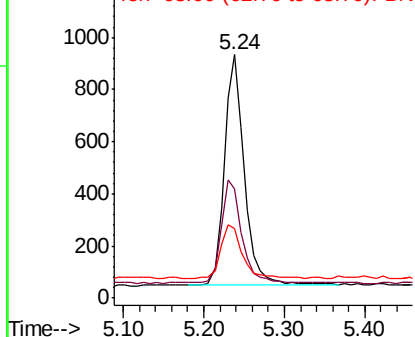
#4

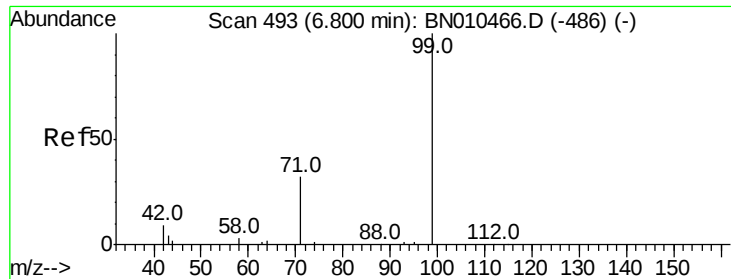
2-Fluorophenol
Concen: 0.167 ng
RT: 5.24 min Scan# 299
Delta R.T. 0.00 min
Lab File: BN010594.D
Acq: 24 Apr 2020 18:25

Tgt Ion:112 Resp: 1533
Ion Ratio Lower Upper
112 100
64 44.6 35.8 53.8
63 25.4 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: 0.103 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.01 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

Instrument :

BNA_N

ClientSampleId :

PA-TWP-1

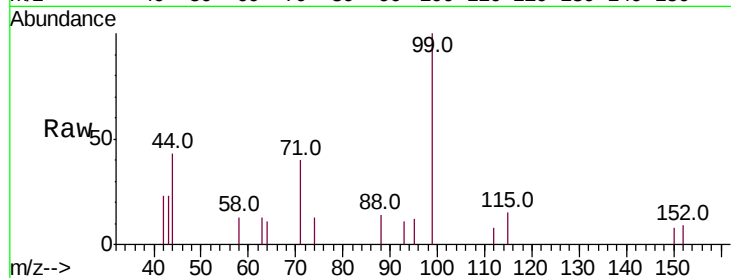
Tot Ion: 99 Resp: 1228

Ion Ratio Lower Upper

99 100

42 16.0 9.8 14.6#

71 46.4 27.8 41.8#



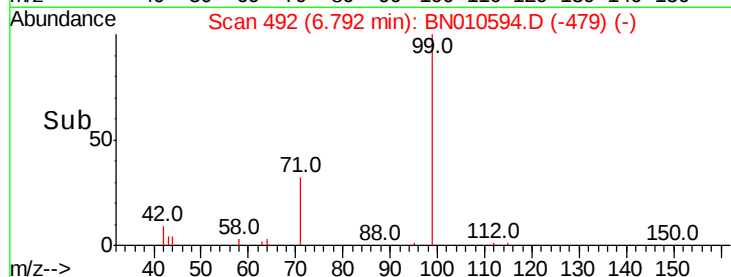
Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

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

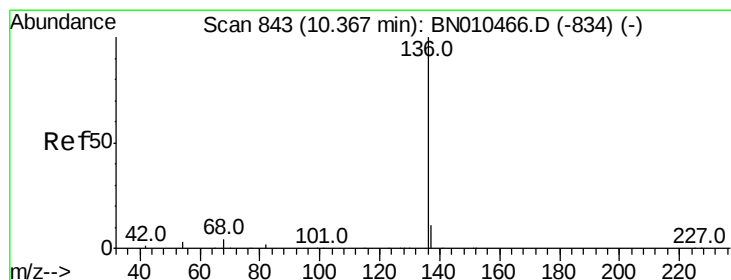
Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)

6.79

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

Tgt Ion: 136 Resp: 16751

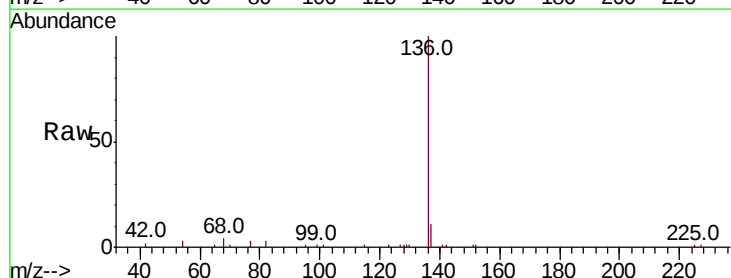
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 3.2 2.6 4.0

68 4.0 3.4 5.2



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

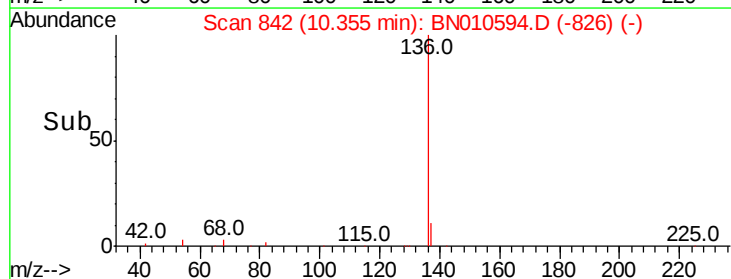
Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

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

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

10.35

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.336 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

Instrument :

BNA_N

ClientSampleId :

PA-TWP-1

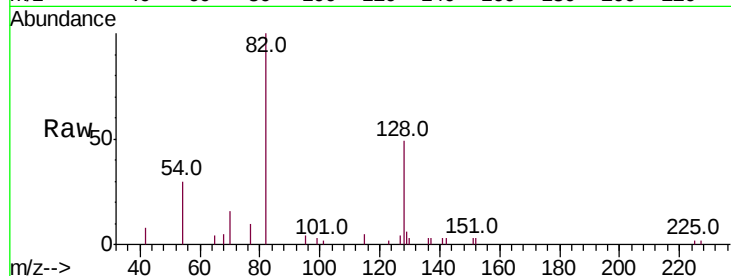
Tot Ion: 82 Resp: 3934

Ion Ratio Lower Upper

82 100

128 49.5 41.3 61.9

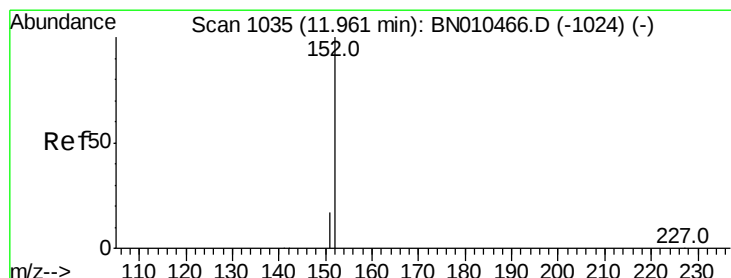
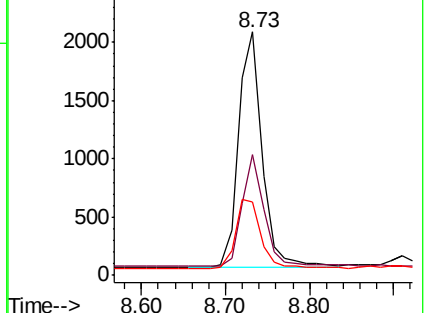
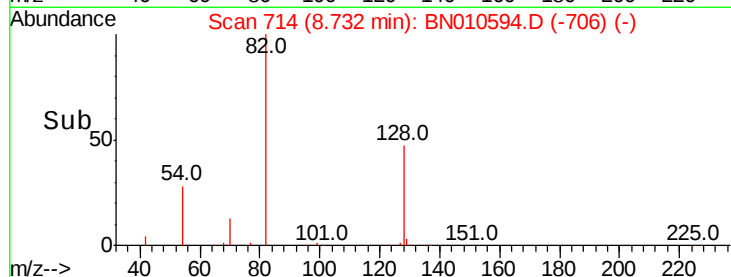
54 30.2 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010594.D (-706) (-)

Ion 128.00 (127.70 to 128.70): BN010594.D (-706) (-)

Ion 54.00 (53.70 to 54.70): BN010594.D (-706) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BN010594.D

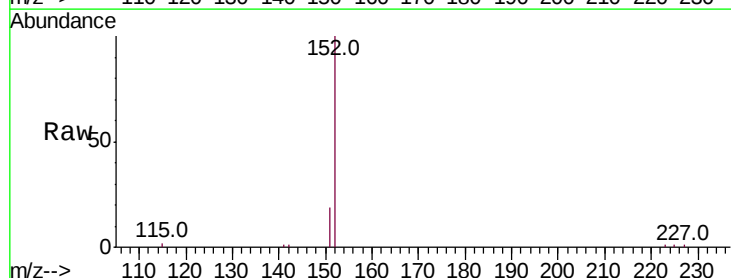
Acq: 24 Apr 2020 18:25

Tgt Ion: 152 Resp: 8358

Ion Ratio Lower Upper

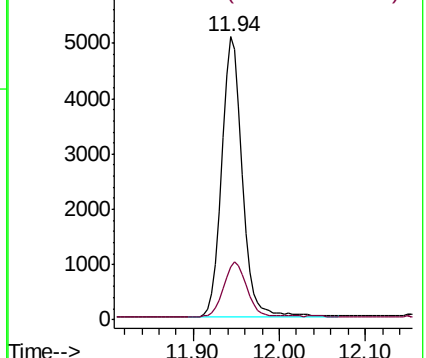
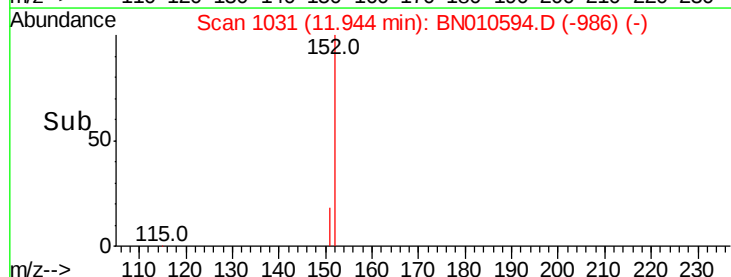
152 100

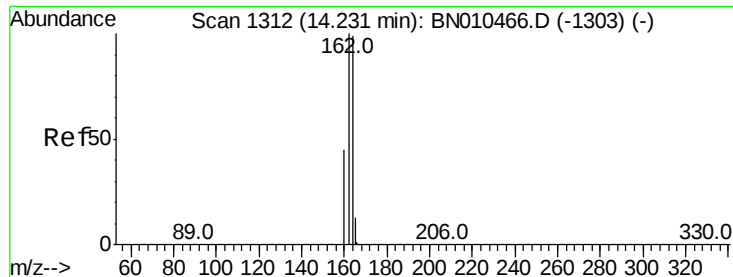
151 22.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010594.D (-986) (-)

Ion 151.00 (150.70 to 151.70): BN010594.D (-986) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

Instrument :

BNA_N

ClientSampleId :

PA-TWP-1

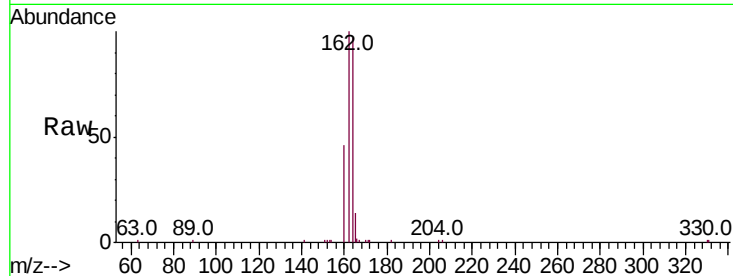
Tot Ion:164 Resp: 10608

Ion Ratio Lower Upper

164 100

162 103.1 80.6 121.0

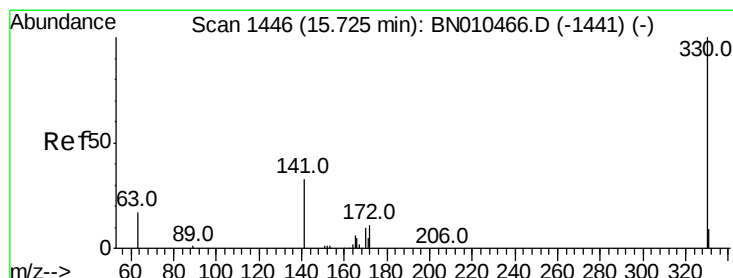
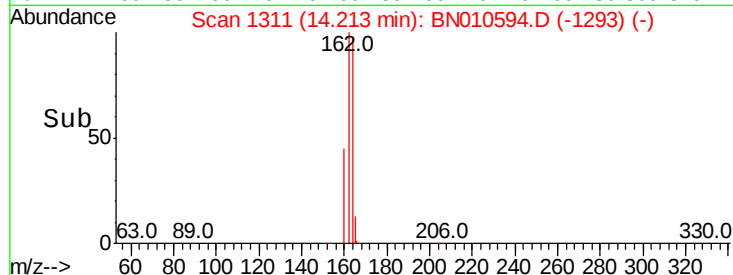
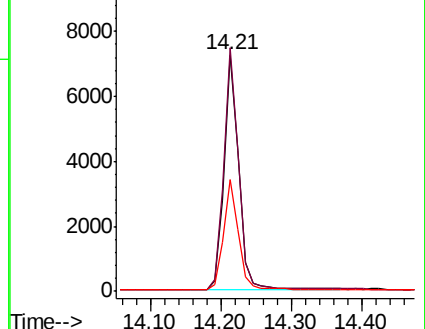
160 47.2 36.5 54.7



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: 0.313 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

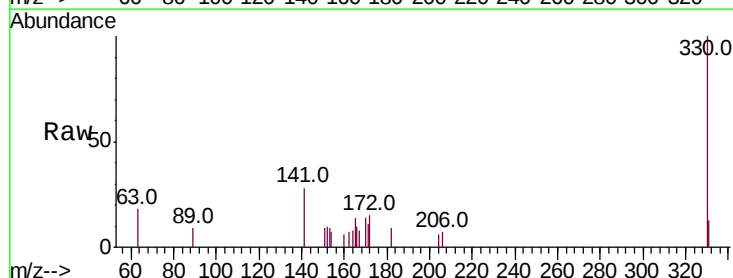
Tgt Ion:330 Resp: 1566

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

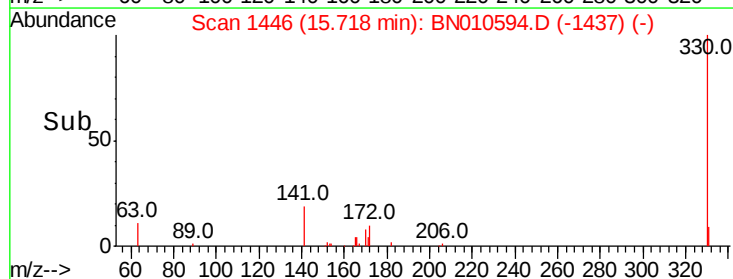
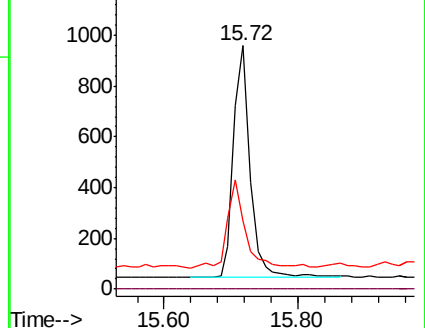
141 42.3 28.1 42.1#

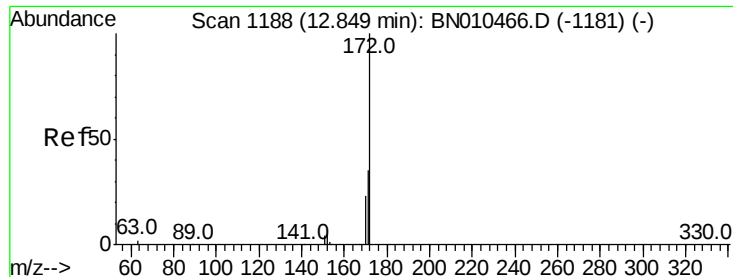


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

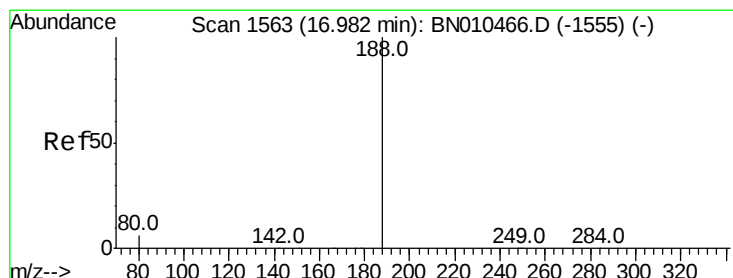
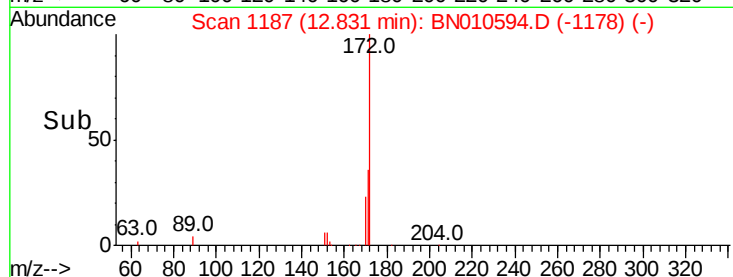
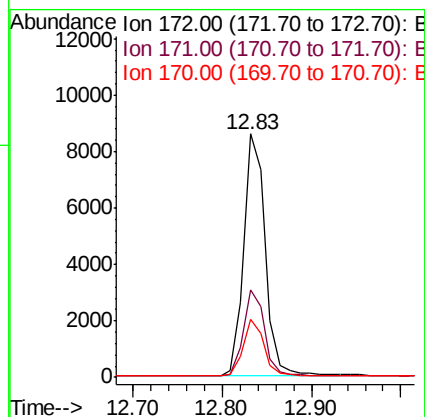
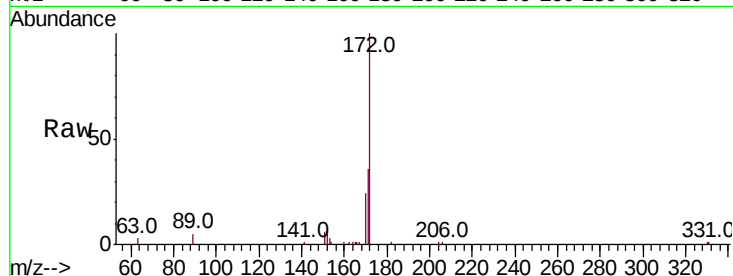




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010594.D
Acq: 24 Apr 2020 18:25

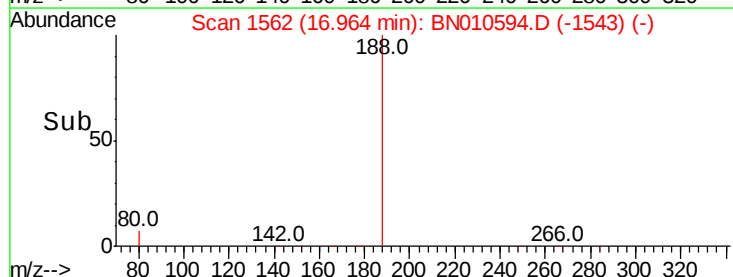
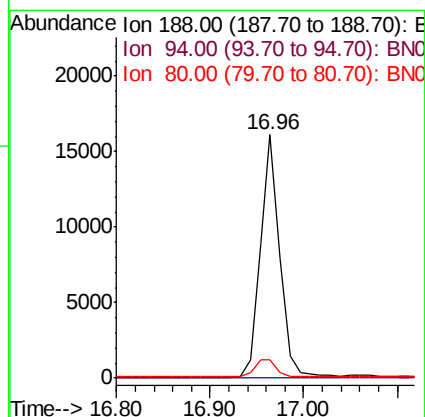
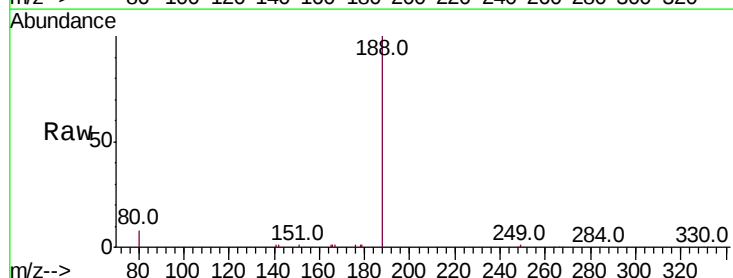
Instrument :
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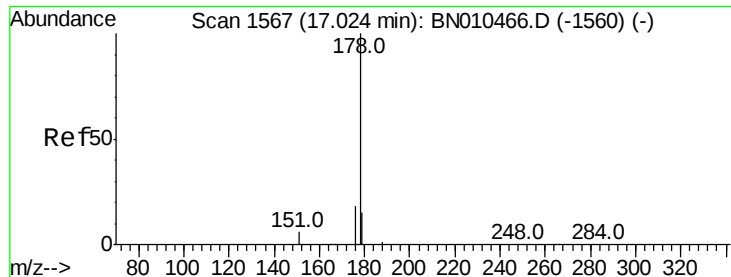
Tot Ion:172 Resp: 14477
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.9 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010594.D
Acq: 24 Apr 2020 18:25

Tgt Ion:188 Resp: 23182
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 5.0 7.6#





#23

Phenanthrene

Concen: 0.037 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

Instrument :

BNA_N

ClientSampleId :

PA-TWP-1

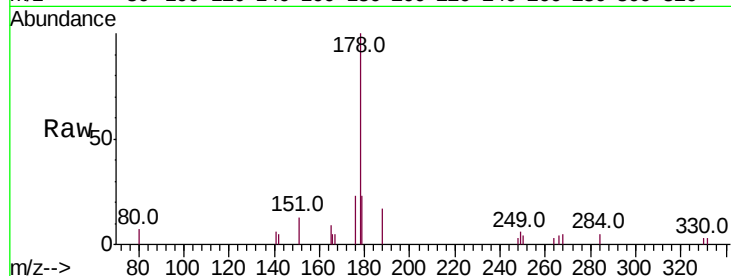
Tot Ion:178 Resp: 2307

Ion Ratio Lower Upper

178 100

176 21.0 15.0 22.4

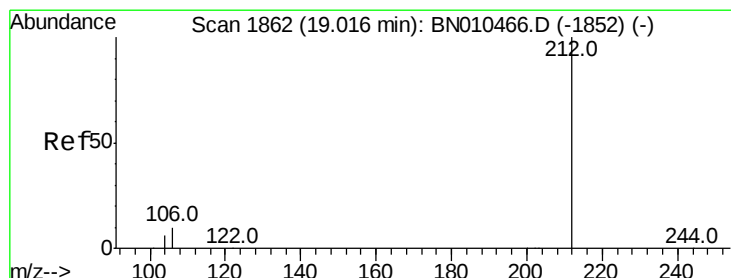
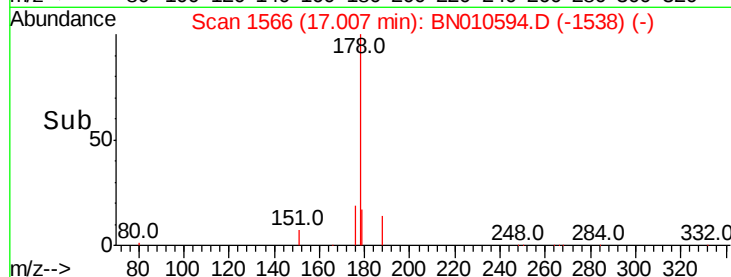
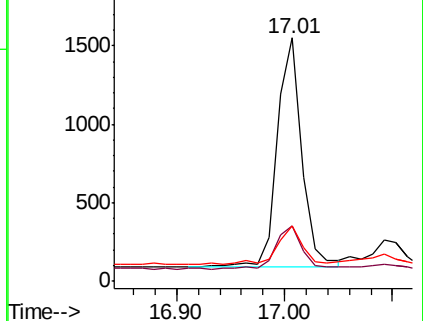
179 17.4 12.6 18.8



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: 0.308 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

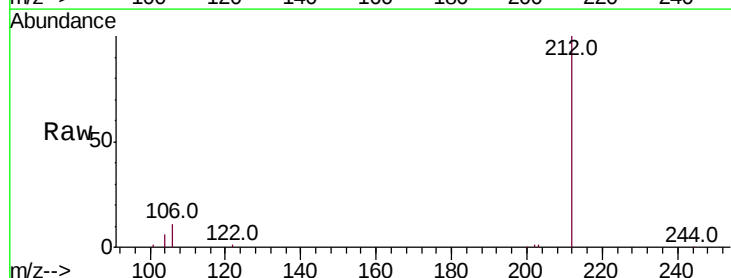
Tgt Ion:212 Resp: 21661

Ion Ratio Lower Upper

212 100

106 10.5 7.8 11.6

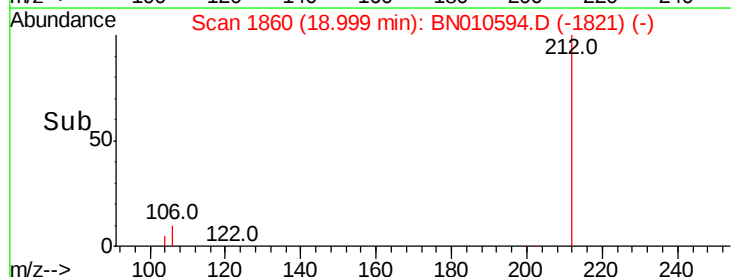
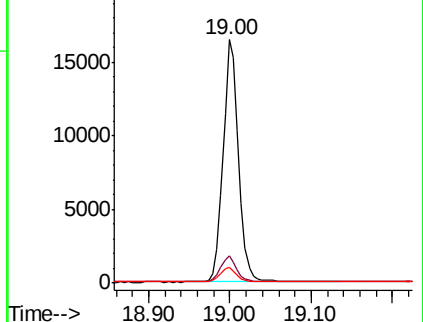
104 5.8 4.5 6.7

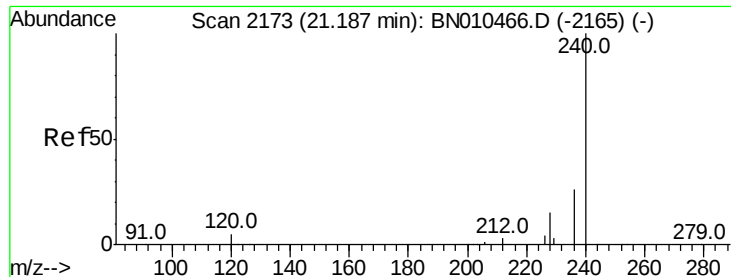


Abundance Ion 212.00 (211.70 to 212.70): E

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. 0.00 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

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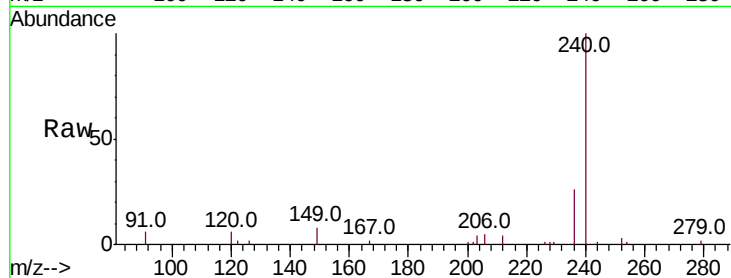
Tot Ion:240 Resp: 18479

Ion Ratio Lower Upper

240 100

120 6.2 4.8 7.2

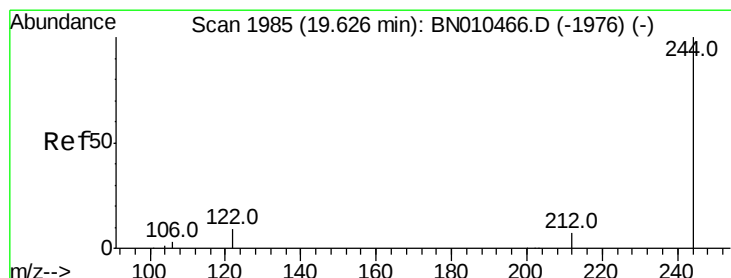
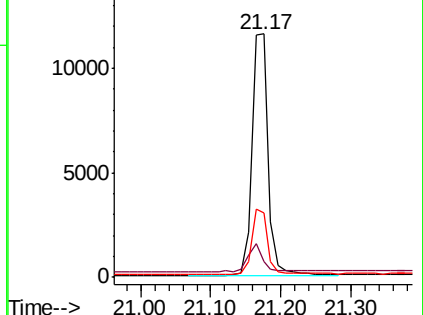
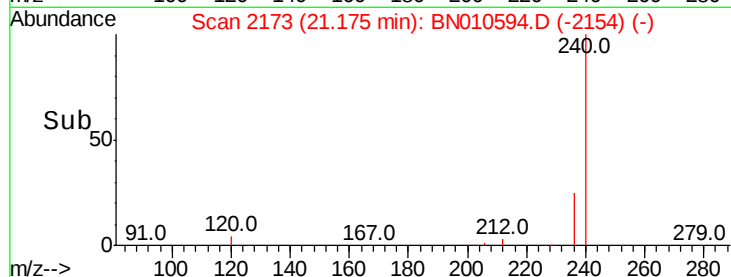
236 26.4 21.4 32.0



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: 0.549 ng

RT: 19.61 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN010594.D

Acq: 24 Apr 2020 18:25

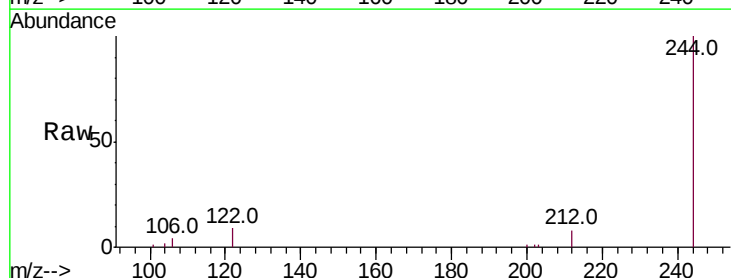
Tgt Ion:244 Resp: 23223

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

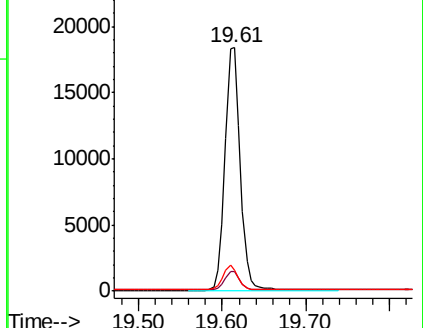
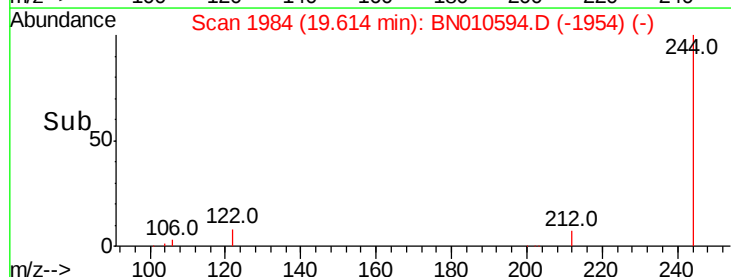
122 8.8 7.8 11.8

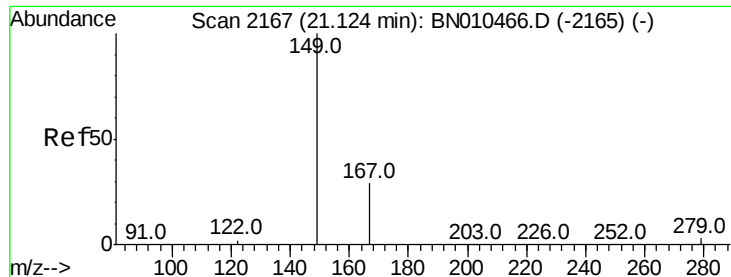


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

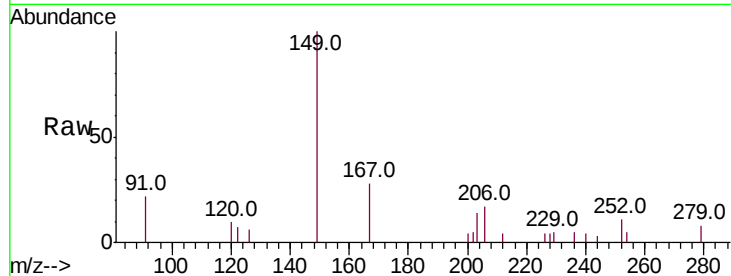




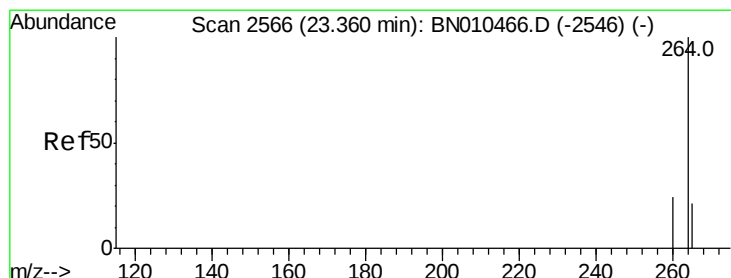
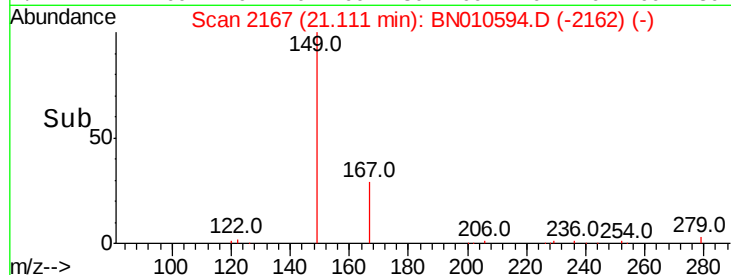
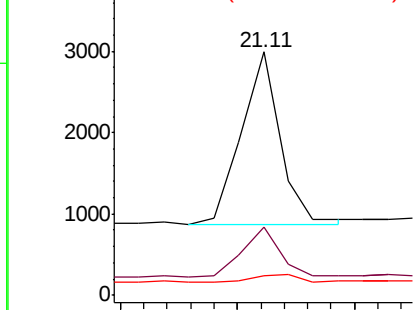
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.11 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BN010594.D
 Acq: 24 Apr 2020 18:25

Instrument :
 BNA_N
 ClientSampleId :
 PA-TWP-1

Tot Ion:149 Resp: 2468
 Ion Ratio Lower Upper
 149 100
 167 26.6 23.4 35.0
 279 5.1 4.0 6.0

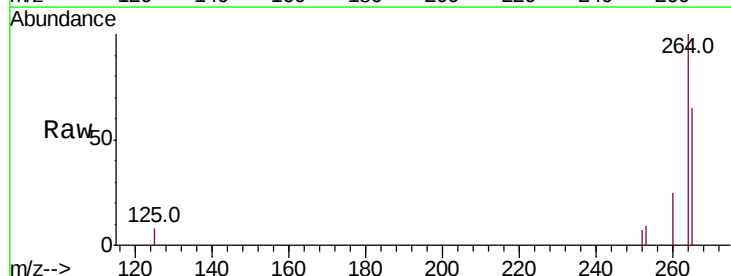


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.34 min Scan# 2561
 Delta R.T. -0.00 min
 Lab File: BN010594.D
 Acq: 24 Apr 2020 18:25

Tgt Ion:264 Resp: 17361
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.8 29.8
 265 64.8 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

