

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
 Data File : BN010480.D
 Acq On : 14 Apr 2020 16:06
 Operator : CG/JU
 Sample : L1798-06DL 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Apr 14 16:37:31 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

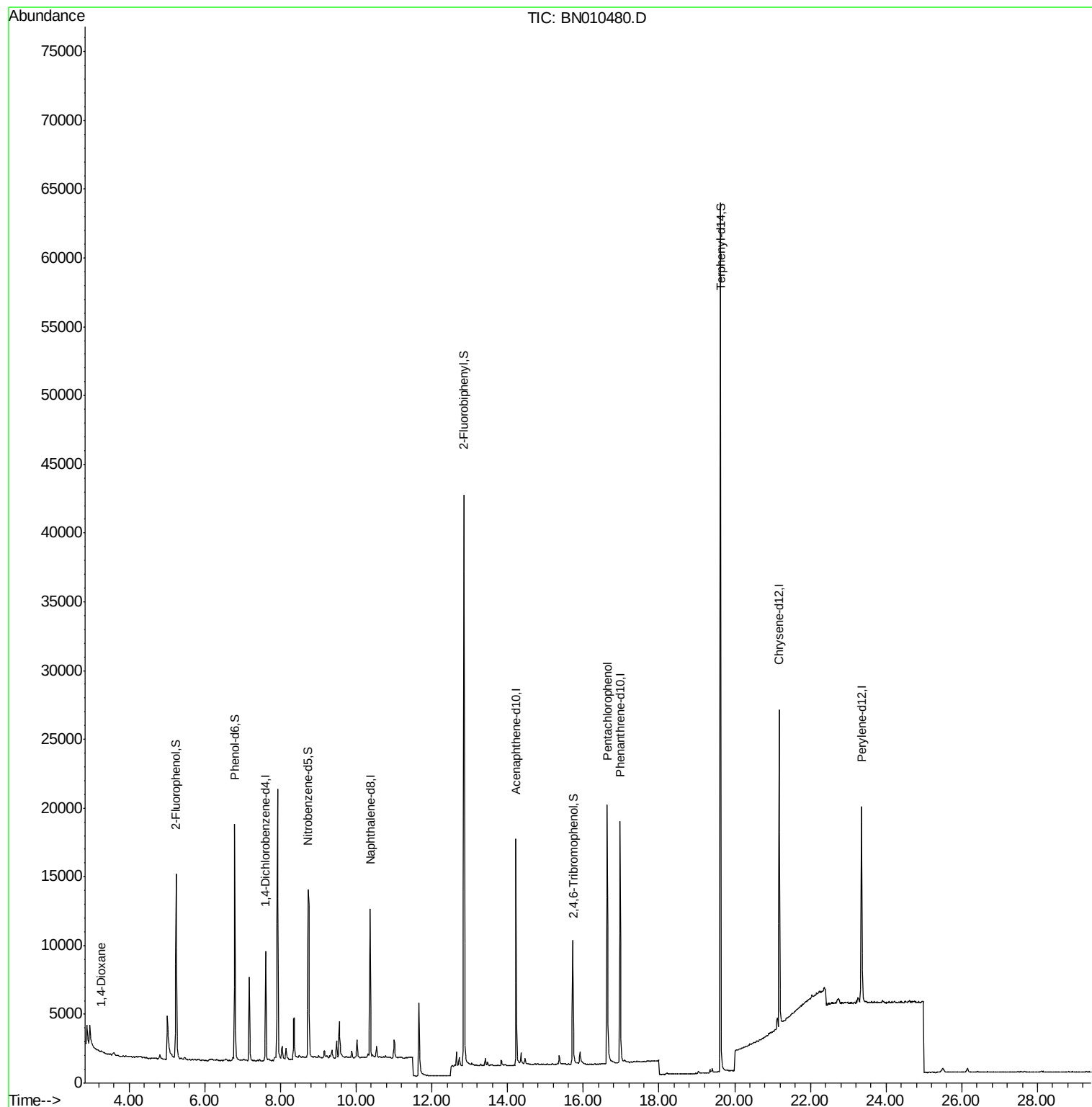
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3969	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	16080	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	10194	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	24211	0.40	ng	0.00
27) Chrysene-d12	21.17	240	22150	0.40	ng	-0.01
34) Perylene-d12	23.35	264	19810	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	13784	1.59	ng	0.00
5) Phenol-d6	6.79	99	18304	1.61	ng	0.00
8) Nitrobenzene-d5	8.73	82	12008	1.07	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	13	0.00	ng	0.08
14) 2,4,6-Tribromophenol	15.73	330	7878	1.64	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	40367	1.09	ng	0.00
25) Fluoranthene-d10	19.01	212	22	0.00	ng	0.00
29) Terphenyl-d14	19.62	244	66362	1.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	65	0.022	ng	Qvalue # 39
22) Pentachlorophenol	16.63	266	10136	1.678	ng	97

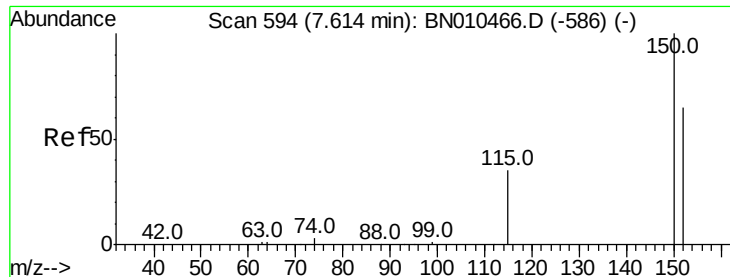
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

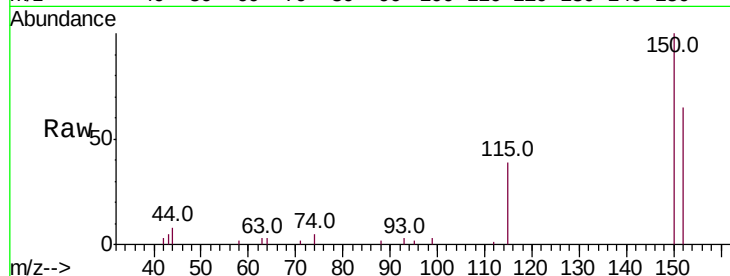
Tot Ion:152 Resp: 3969

Ion Ratio Lower Upper

152 100

150 153.5 121.8 182.6

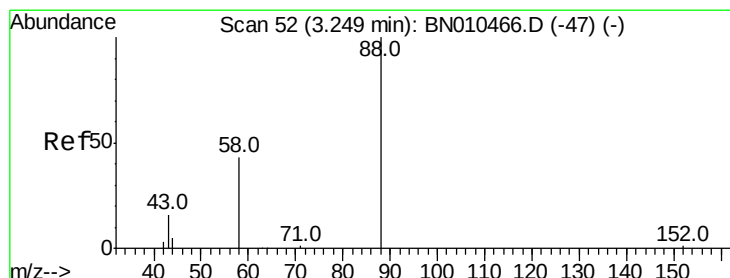
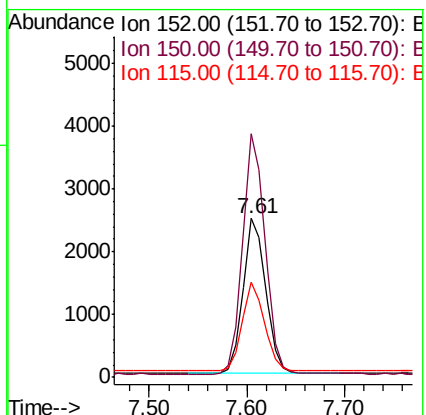
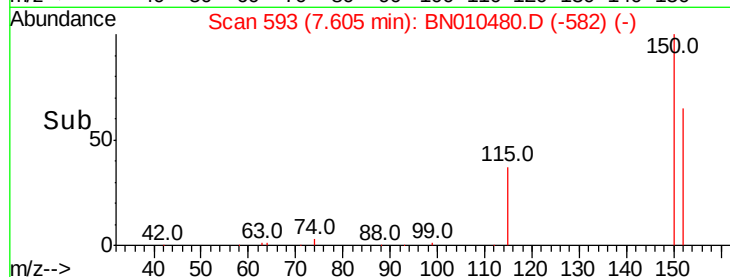
115 60.0 45.5 68.3



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



#2

1,4-Dioxane

Concen: 0.022 ng

RT: 3.27 min Scan# 55

Delta R.T. 0.02 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

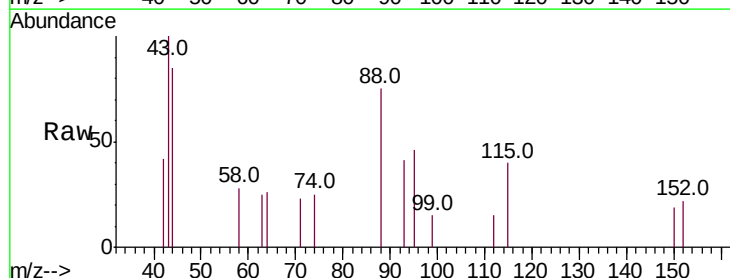
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

58 0.0 36.5 54.7#

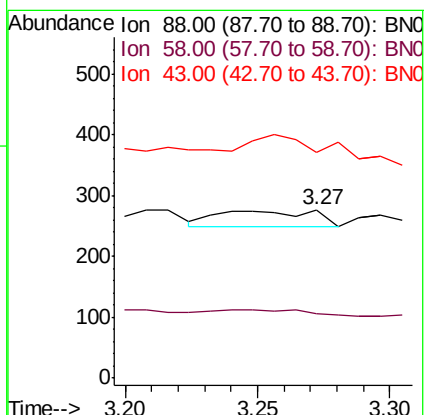
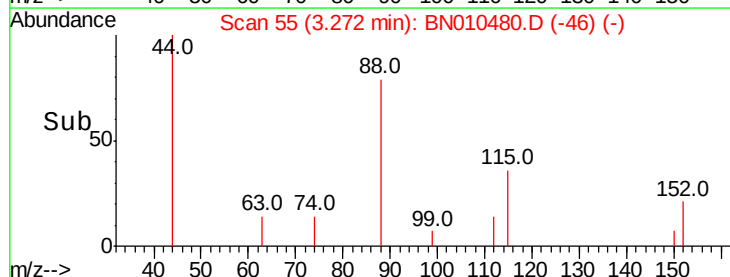
43 0.0 13.2 19.8#

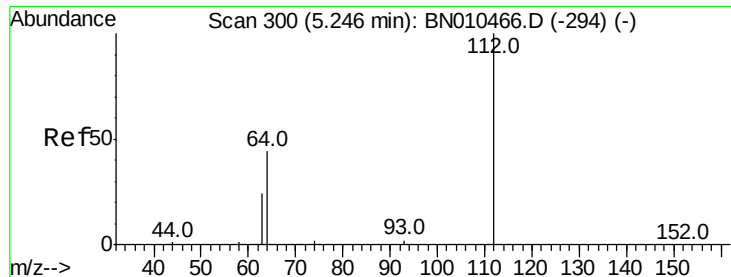


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 1.586 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

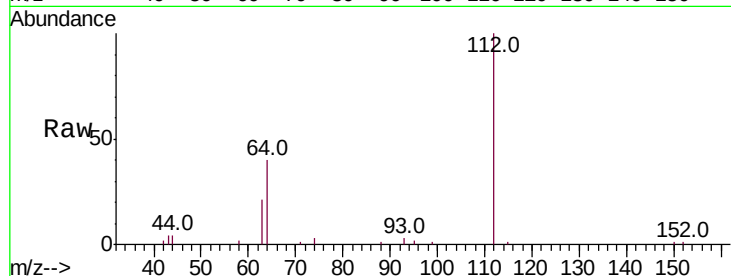
Tot Ion:112 Resp: 13784

Ion Ratio Lower Upper

112 100

64 44.9 35.8 53.8

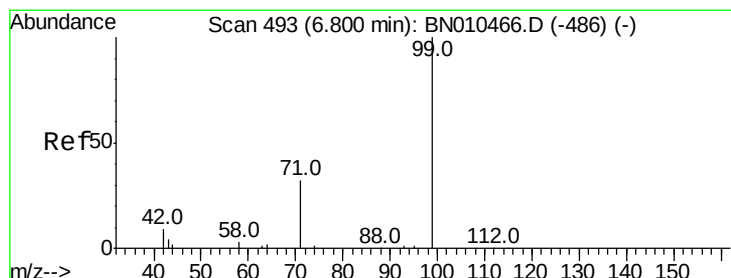
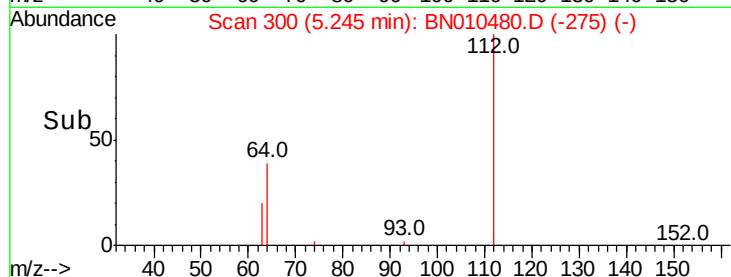
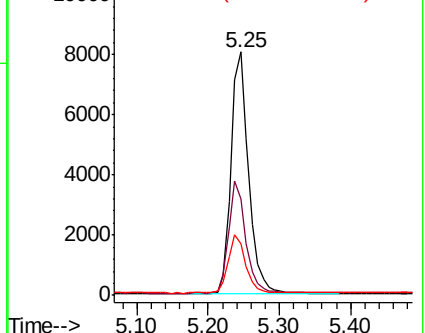
63 23.7 19.9 29.9



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: 1.612 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

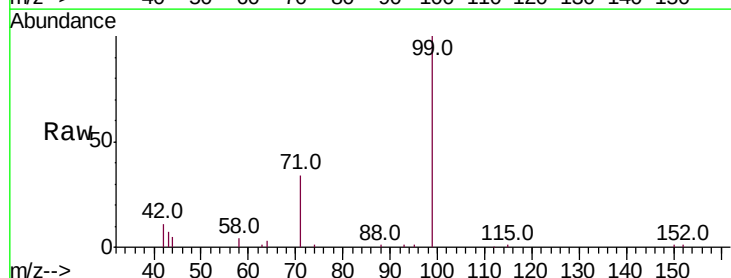
Tgt Ion: 99 Resp: 18304

Ion Ratio Lower Upper

99 100

42 11.1 9.8 14.6

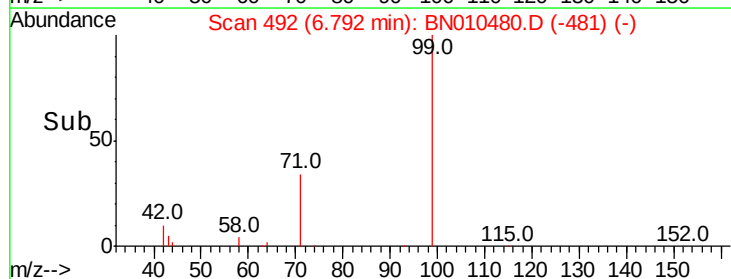
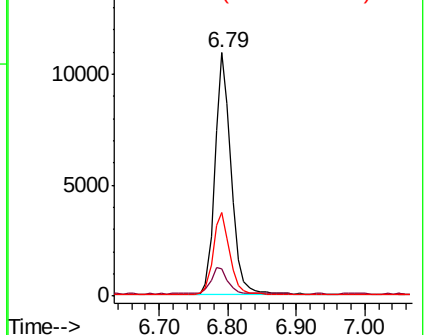
71 34.4 27.8 41.8

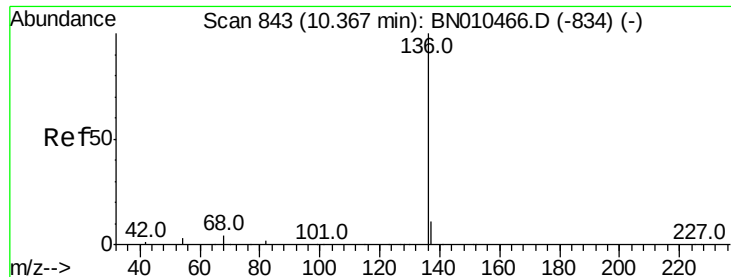


Abundance Ion 99.00 (98.70 to 99.70): B

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: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

Tot Ion:136 Resp: 16080

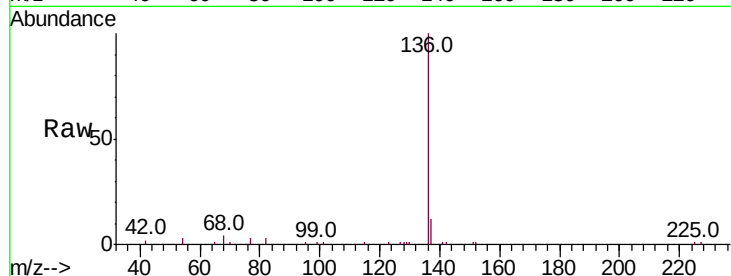
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.1 2.6 4.0

68 4.0 3.4 5.2

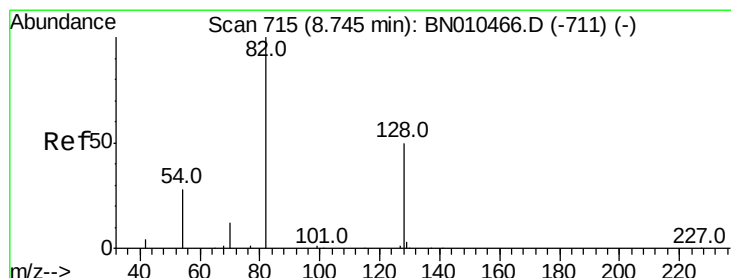
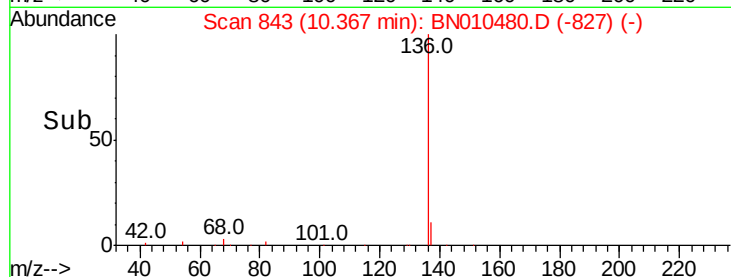
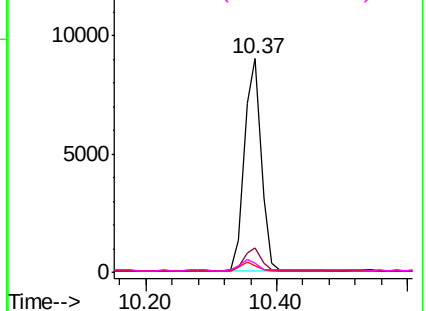


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.068 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

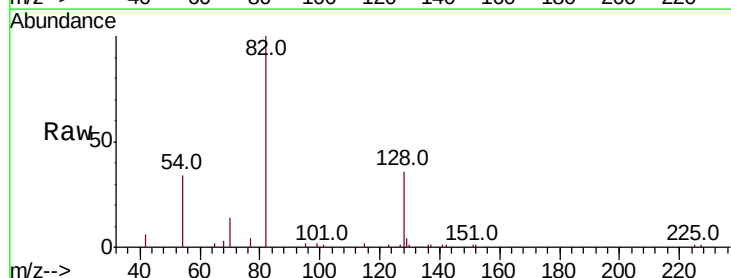
Tgt Ion: 82 Resp: 12008

Ion Ratio Lower Upper

82 100

128 36.4 41.3 61.9#

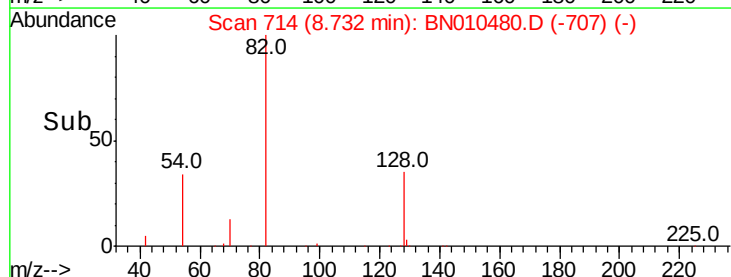
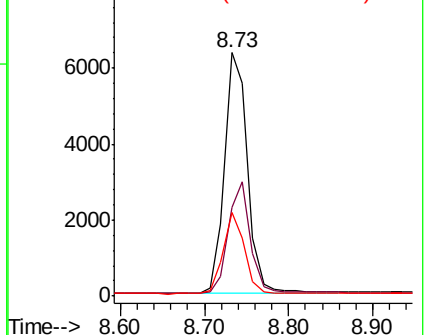
54 34.1 23.4 35.0

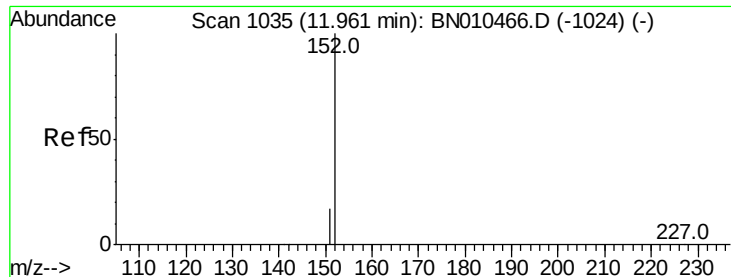


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

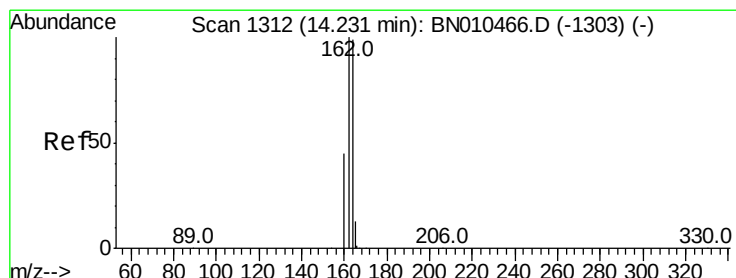
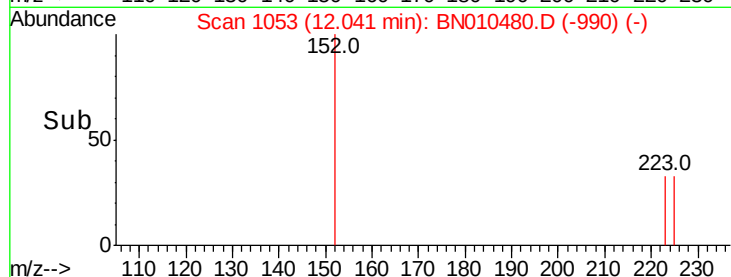
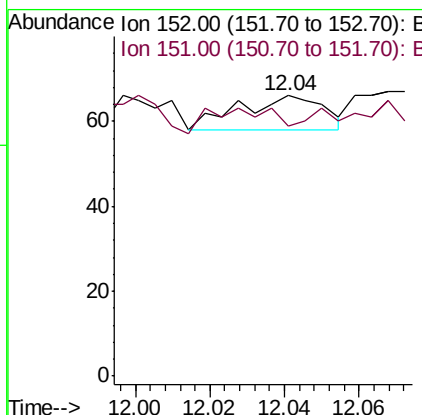
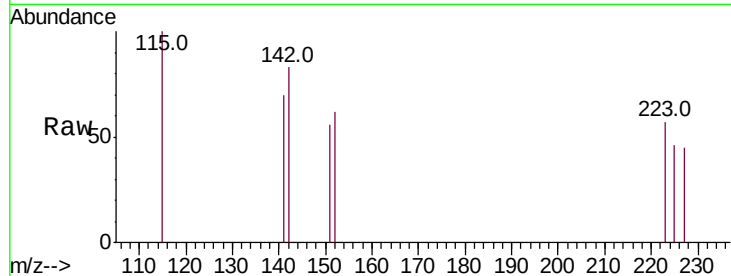




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.04 min Scan# 1053
Delta R.T. 0.08 min
Lab File: BN010480.D
Acq: 14 Apr 2020 16:06

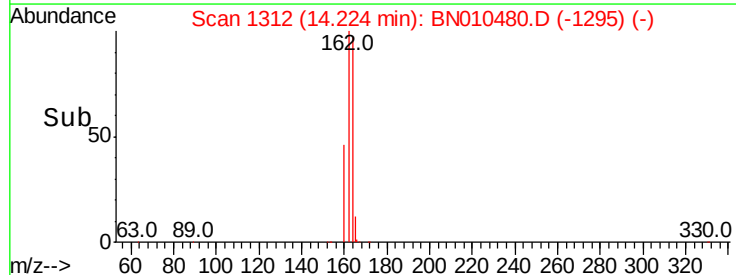
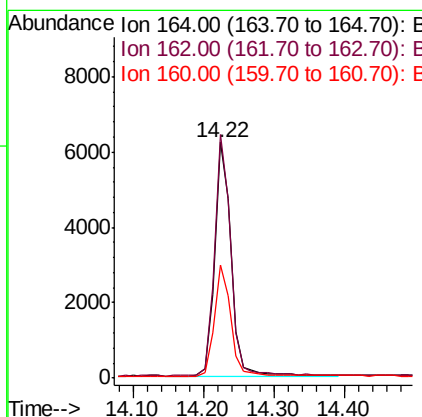
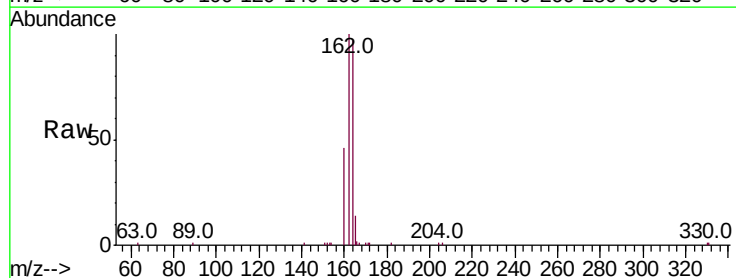
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

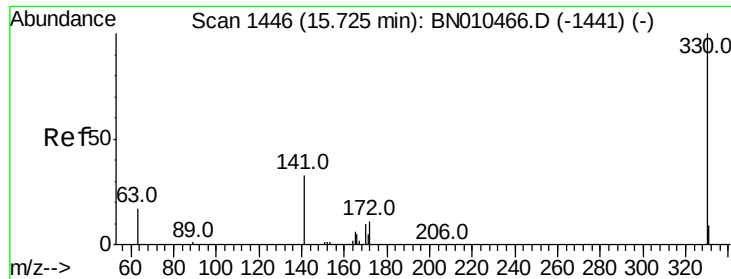
Tot Ion:152 Resp: 13
Ion Ratio Lower Upper
152 100
151 15.4 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010480.D
Acq: 14 Apr 2020 16:06

Tgt Ion:164 Resp: 10194
Ion Ratio Lower Upper
164 100
162 103.3 80.6 121.0
160 47.8 36.5 54.7

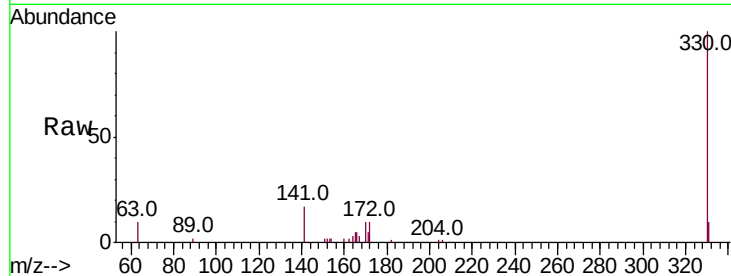




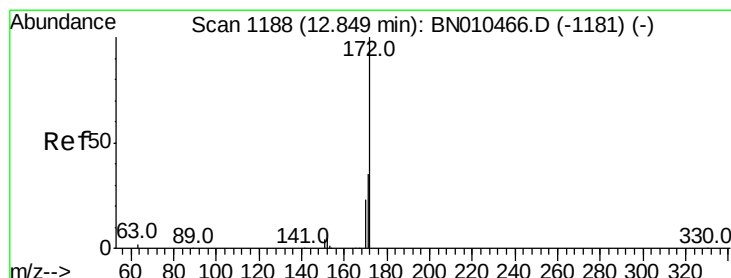
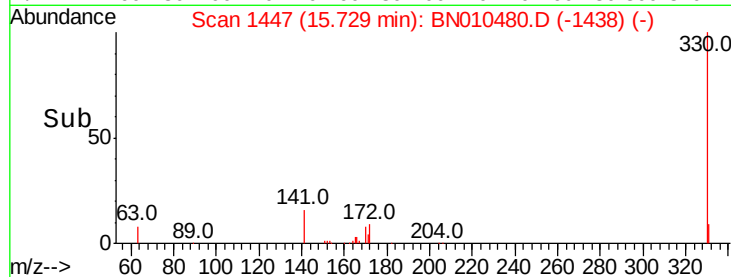
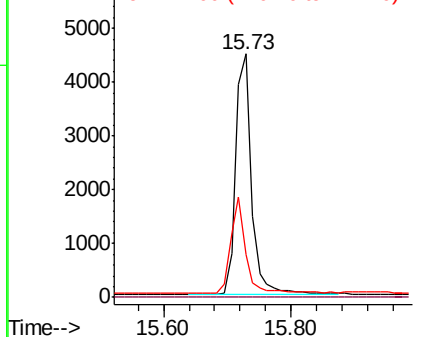
#14
 2,4,6-Tribromophenol
 Concen: 1.640 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010480.D
 Acq: 14 Apr 2020 16:06

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:330 Resp: 7878
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.8 28.1 42.1

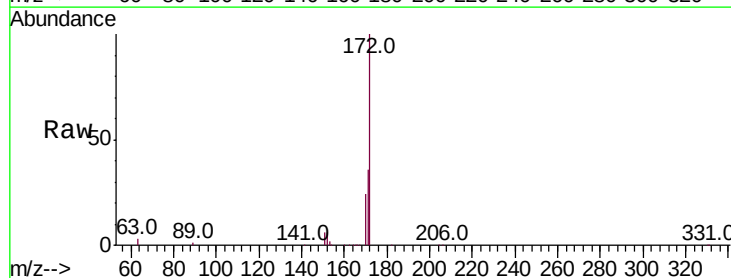


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

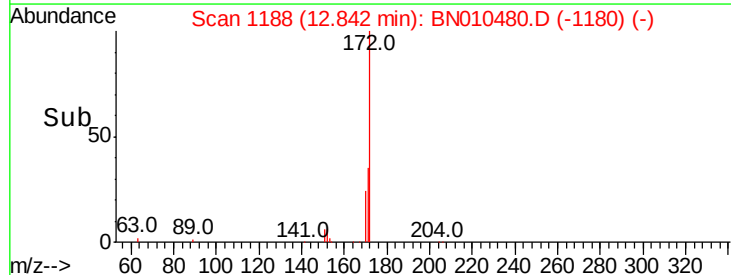
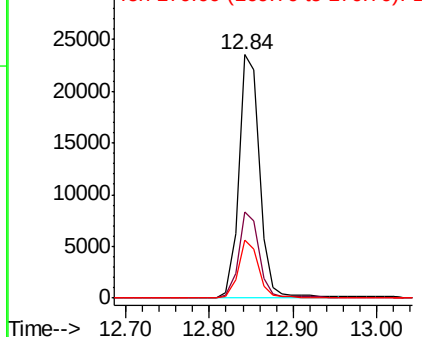


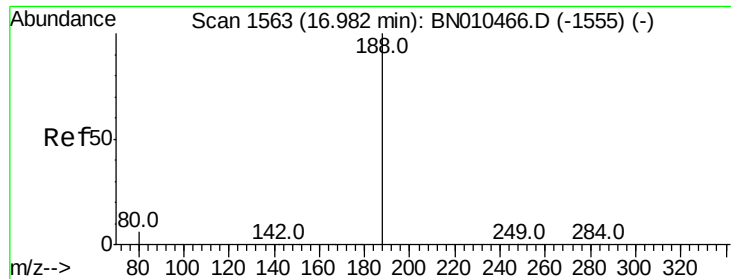
#15
 2-Fluorobiphenyl
 Concen: 1.088 ng
 RT: 12.84 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BN010480.D
 Acq: 14 Apr 2020 16:06

Tgt Ion:172 Resp: 40367
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.2
 170 24.0 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: BN010480.D

Acq: 14 Apr 2020 16:06

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

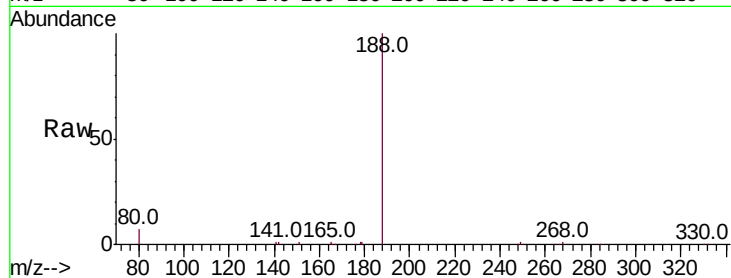
Tot Ion:188 Resp: 24211

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

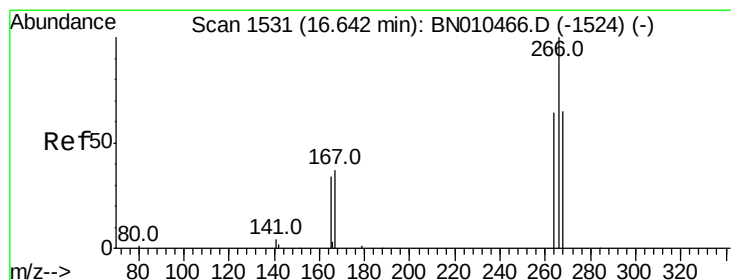
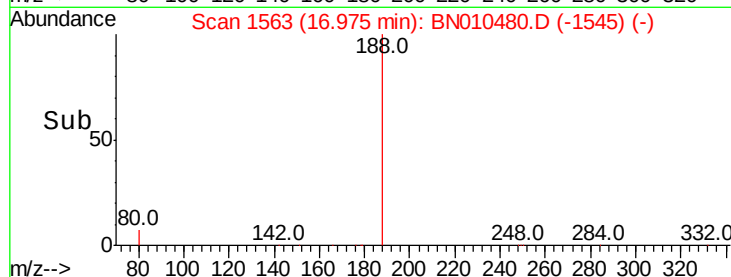
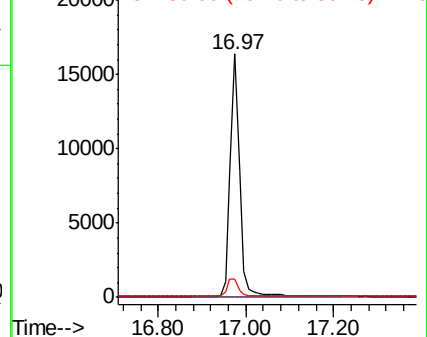
80 7.4 5.0 7.6



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



#22

Pentachlorophenol

Concen: 1.678 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

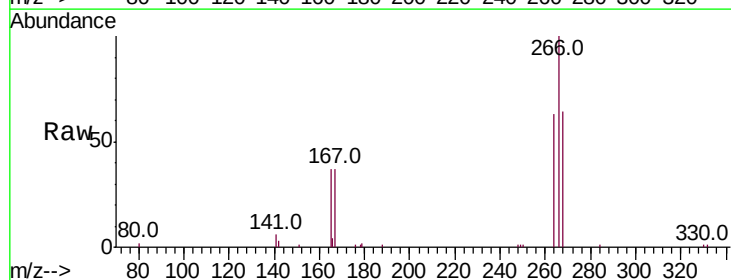
Tgt Ion:266 Resp: 10136

Ion Ratio Lower Upper

266 100

264 62.8 51.8 77.6

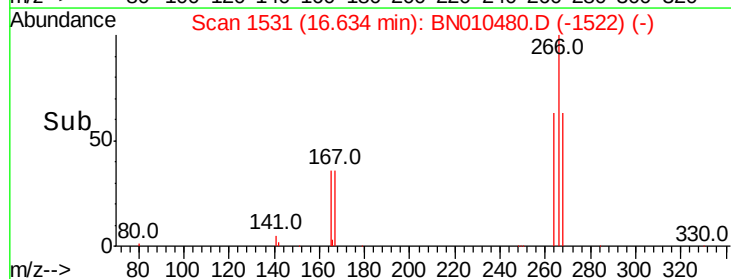
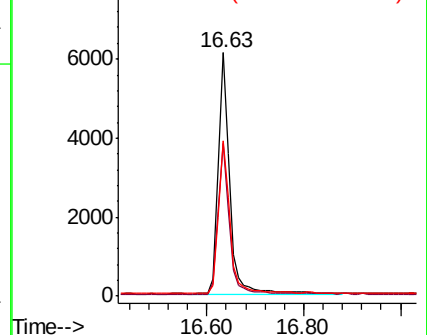
268 63.7 53.7 80.5

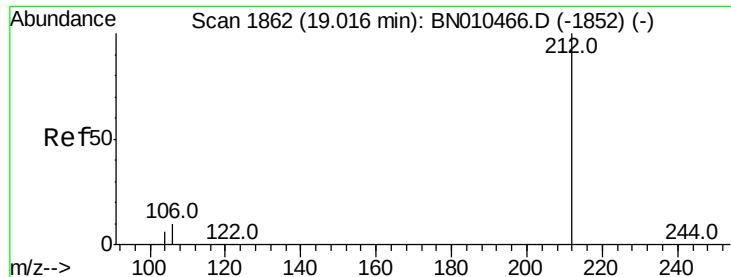


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

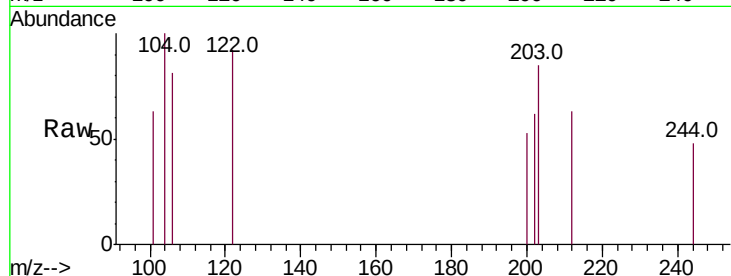
Tot Ion:212 Resp: 22

Ion Ratio Lower Upper

212 100

106 22.7 7.8 11.6#

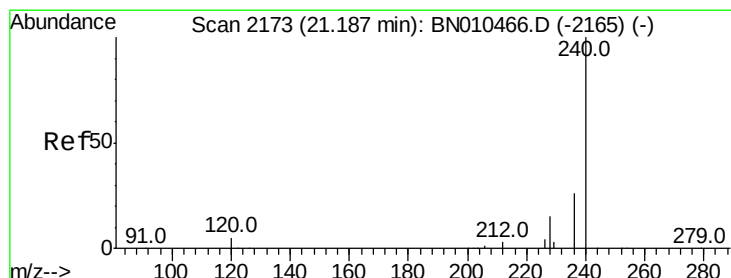
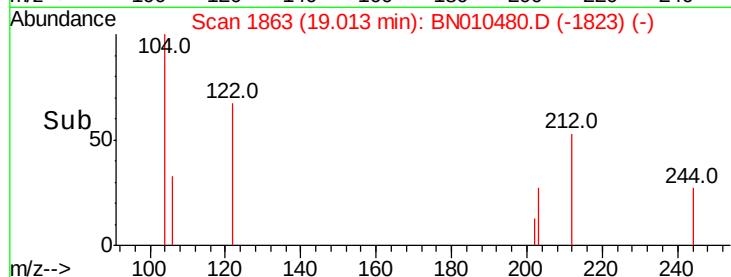
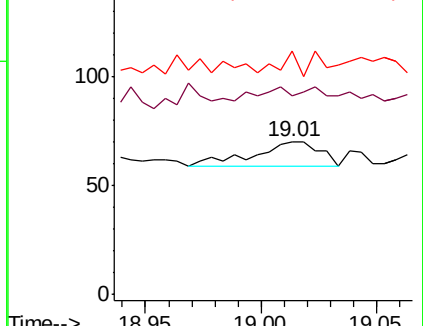
104 27.3 4.5 6.7#



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: BN010480.D

Acq: 14 Apr 2020 16:06

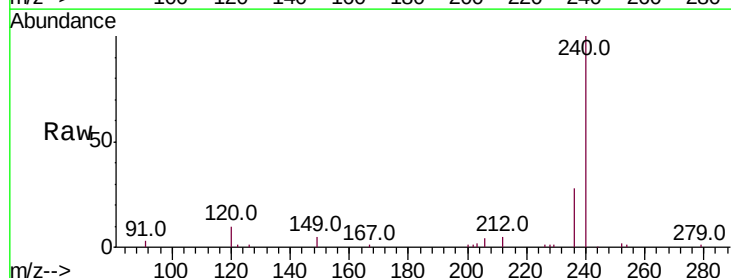
Tgt Ion:240 Resp: 22150

Ion Ratio Lower Upper

240 100

120 10.0 4.8 7.2#

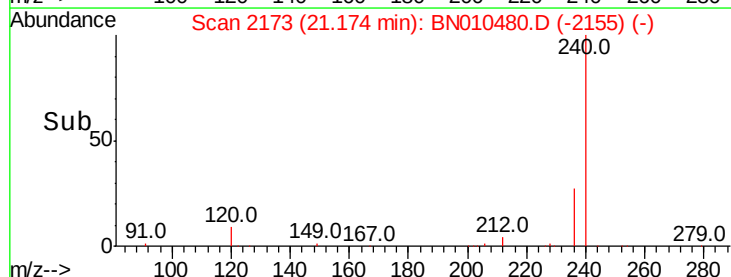
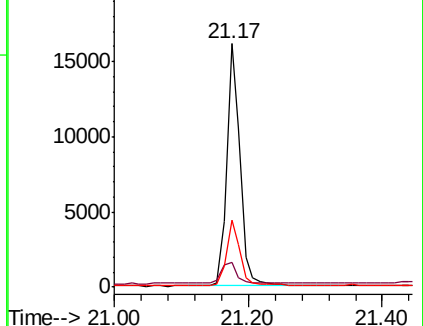
236 27.6 21.4 32.0

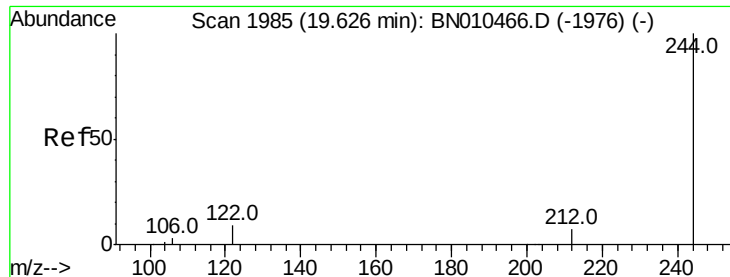


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 1.309 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

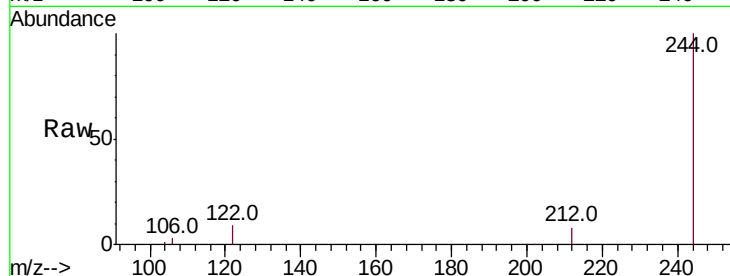
Tot Ion:244 Resp: 66362

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

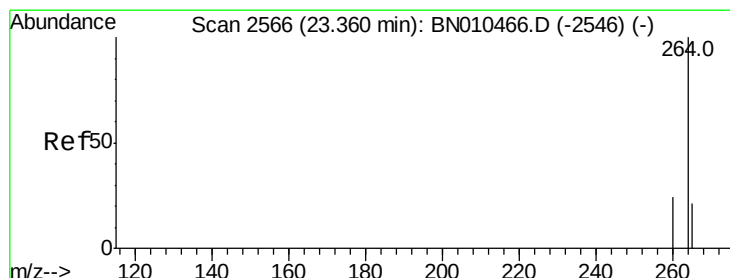
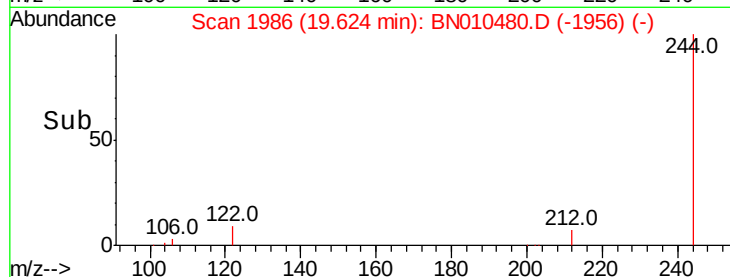
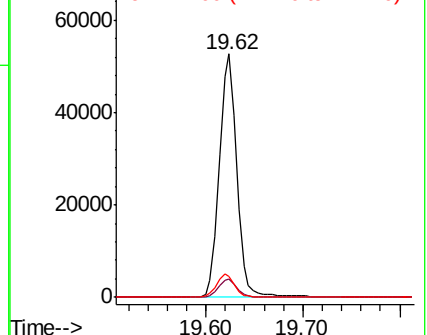
122 8.7 7.8 11.8



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010480.D

Acq: 14 Apr 2020 16:06

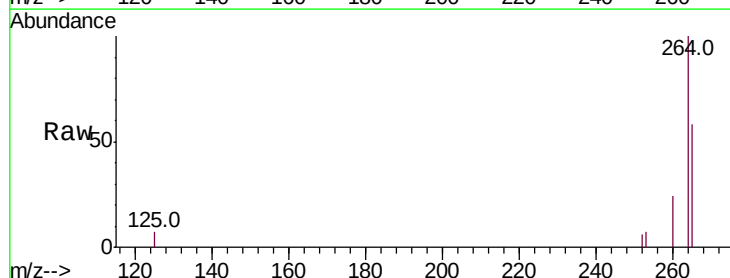
Tgt Ion:264 Resp: 19810

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 58.2 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

