

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010476.D
 Acq On : 14 Apr 2020 13:42
 Operator : CG/JU
 Sample : L1798-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Apr 14 14:14:35 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

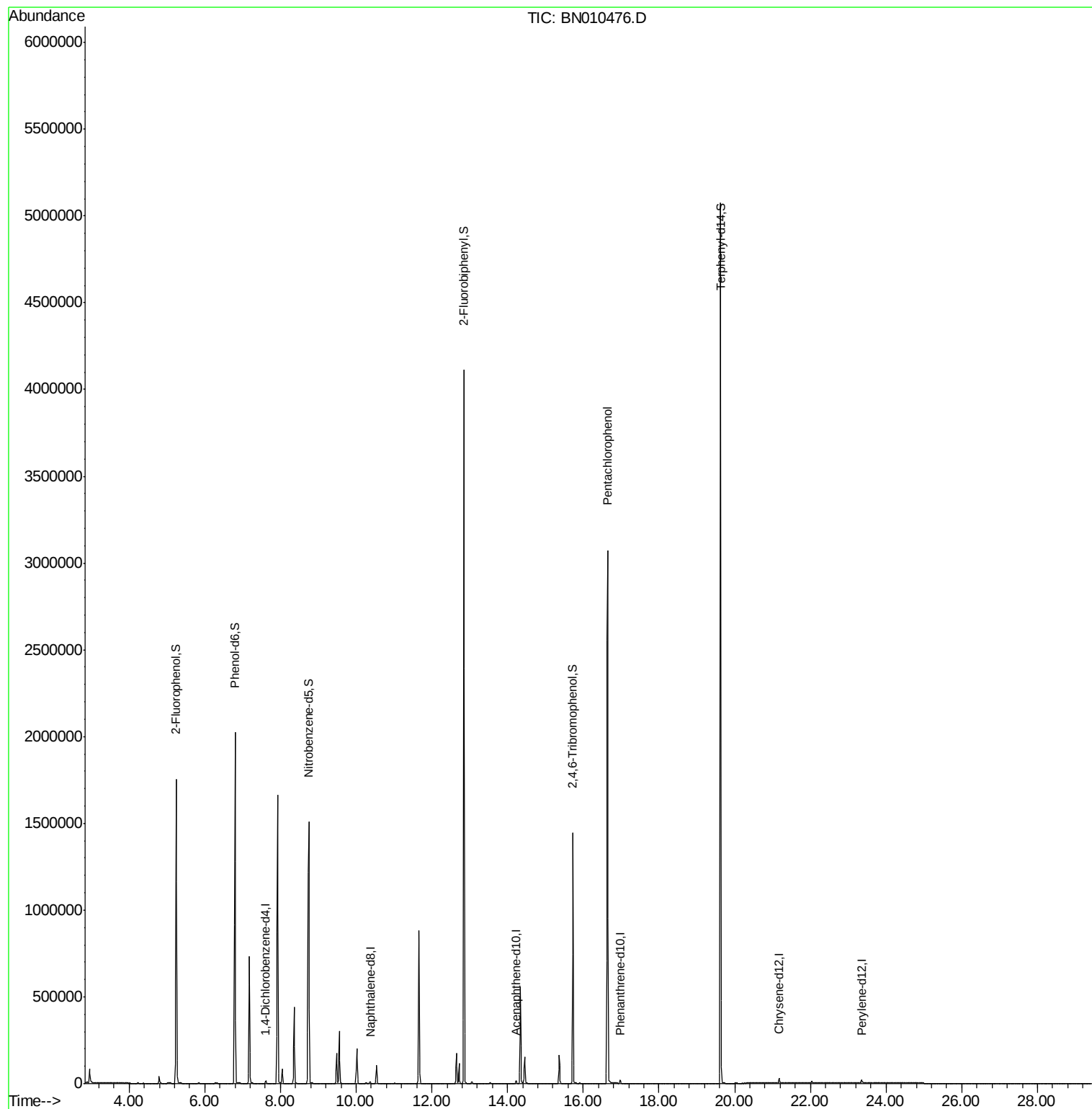
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	8079	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	15707	0.40	ng	0.00
13) Acenaphthene-d10	14.23	164	10285	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	24034	0.40	ng	-0.01
27) Chrysene-d12	21.18	240	23949	0.40	ng	-0.01
34) Perylene-d12	23.35	264	21205	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1556612	87.98	ng	0.00
5) Phenol-d6	6.80	99	2034763	88.01	ng	0.00
8) Nitrobenzene-d5	8.74	82	1313791	119.65	ng	0.00
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	15.72	330	1084657	223.74	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	3640564	97.27	ng	0.00
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.63	244	5630680	102.73	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.64	266	1507433	251.415	ng	97

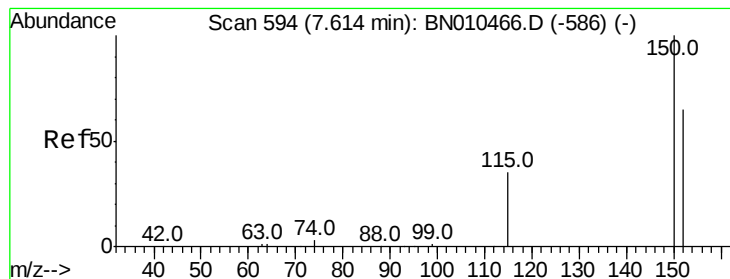
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN010476.D

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BNA_N

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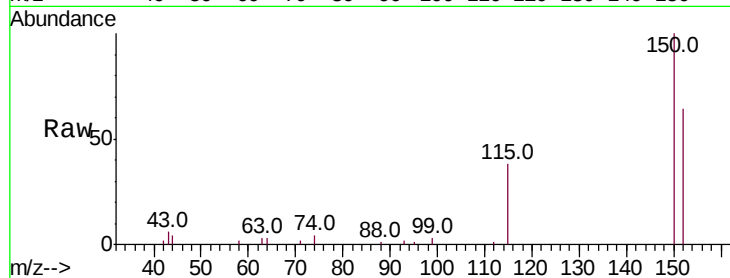
Tot Ion:152 Resp: 8079

Ion Ratio Lower Upper

152 100

150 155.4 121.8 182.6

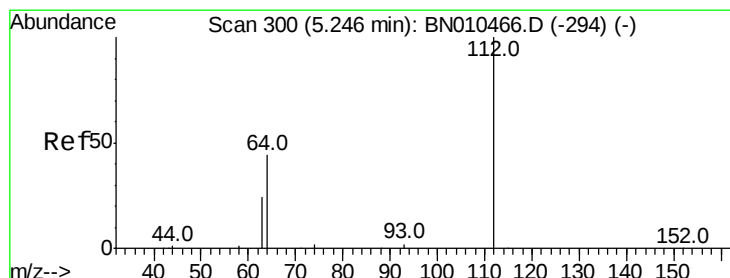
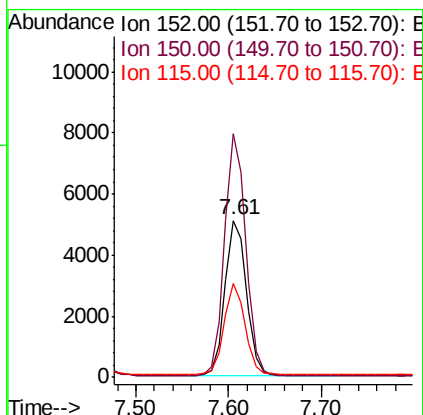
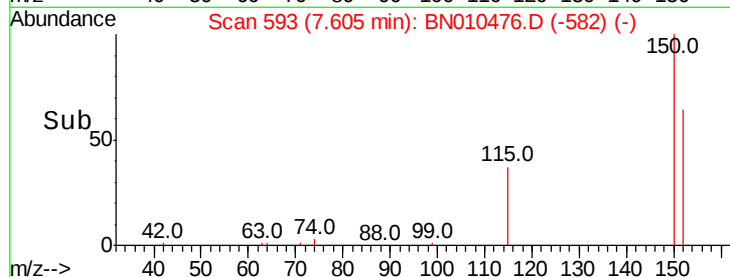
115 59.5 45.5 68.3



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: 87.978 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

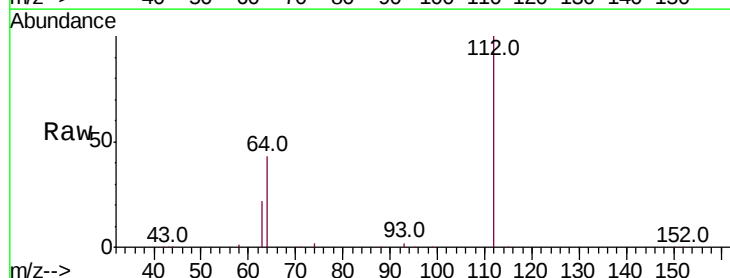
Tgt Ion:112 Resp: 1556612

Ion Ratio Lower Upper

112 100

64 45.0 35.8 53.8

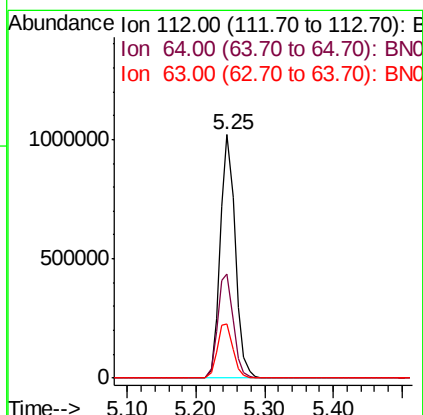
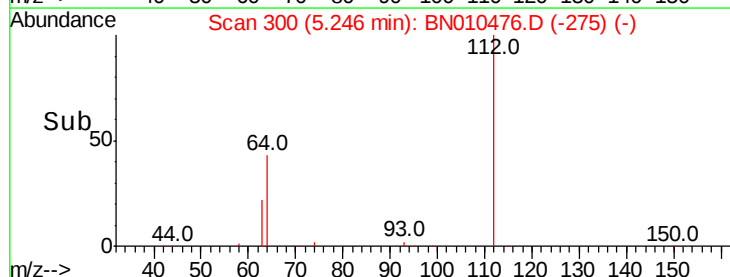
63 23.7 19.9 29.9

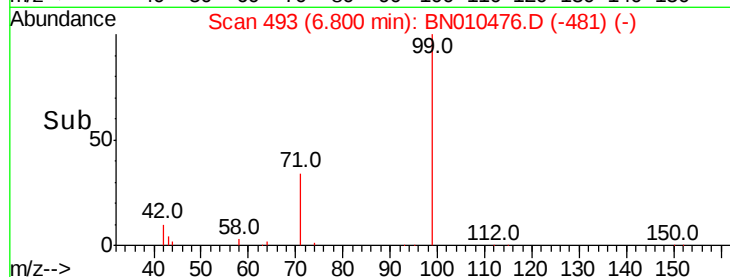
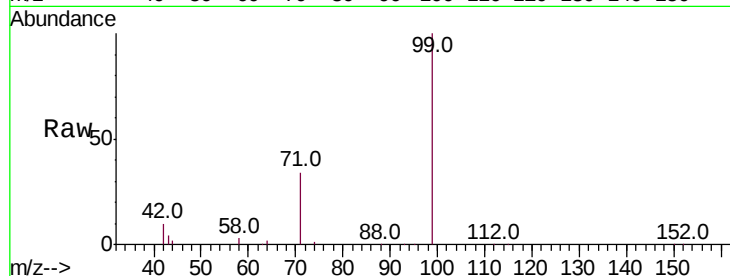
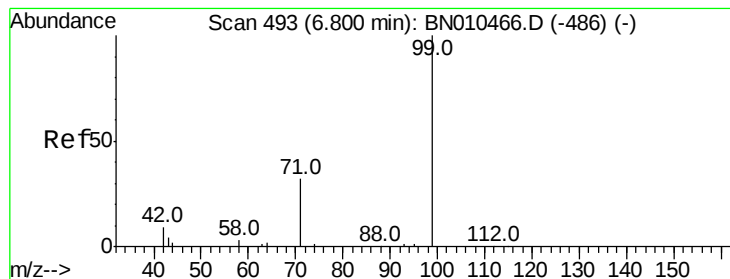


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 88.008 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

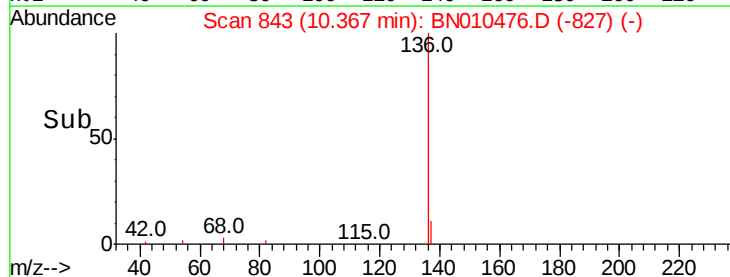
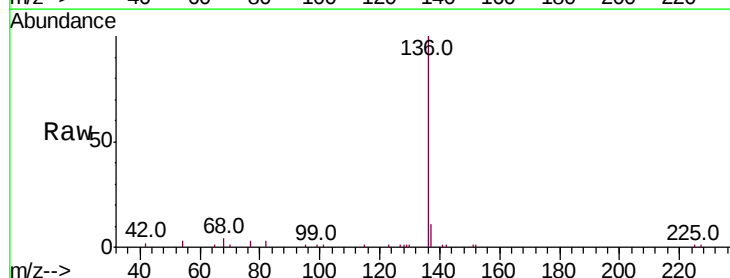
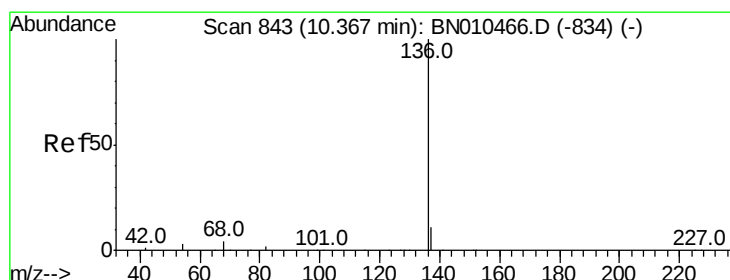
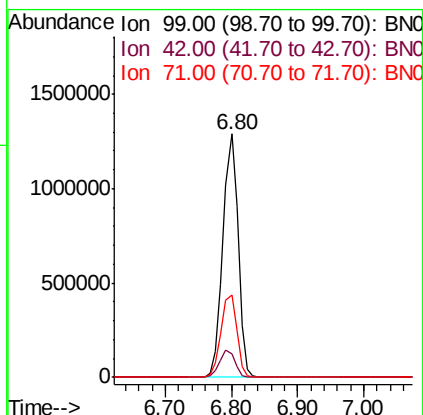
Tot Ion: 99 Resp: 2034763

Ion Ratio Lower Upper

99 100

42 11.3 9.8 14.6

71 35.1 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: BN010476.D

Acq: 14 Apr 2020 13:42

Tgt Ion: 136 Resp: 15707

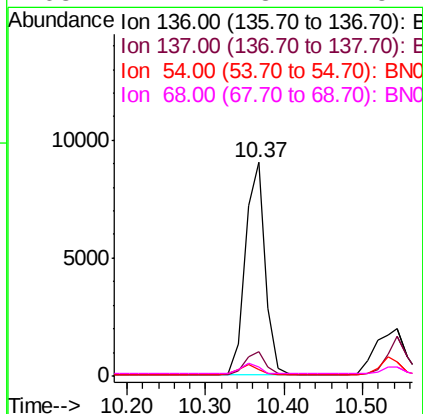
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.3 2.6 4.0

68 4.1 3.4 5.2





#8

Nitrobenzene-d5

Concen: 119.649 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

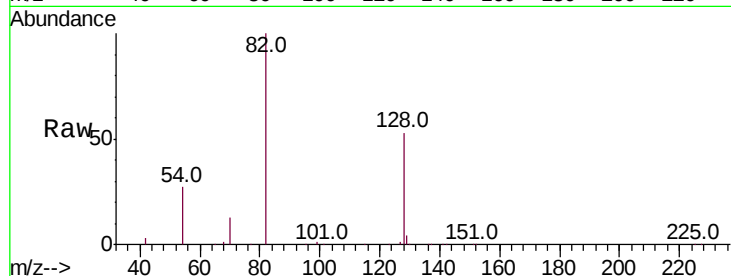
Tot Ion: 82 Resp: 1313791

Ion Ratio Lower Upper

82 100

128 52.5 41.3 61.9

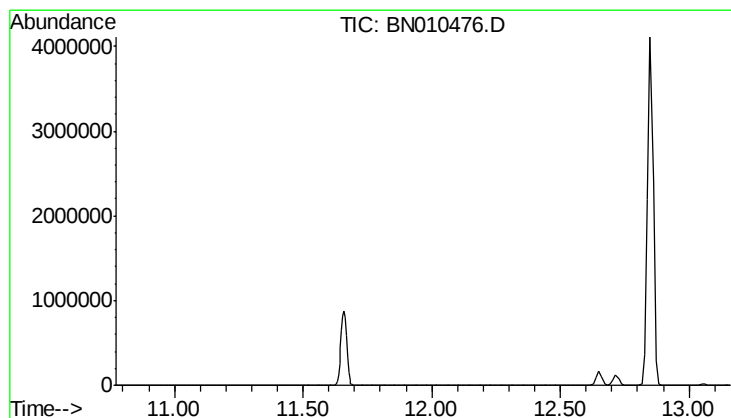
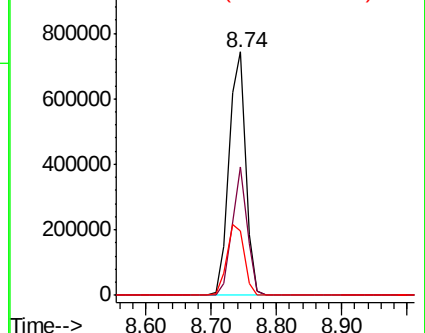
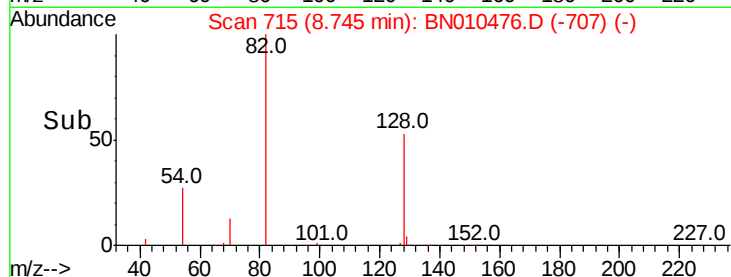
54 26.5 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010476.D

Ion 128.00 (127.70 to 128.70): BN010476.D

Ion 54.00 (53.70 to 54.70): BN010476.D



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

Expected RT: 11.96 min

Lab File: BN010476.D

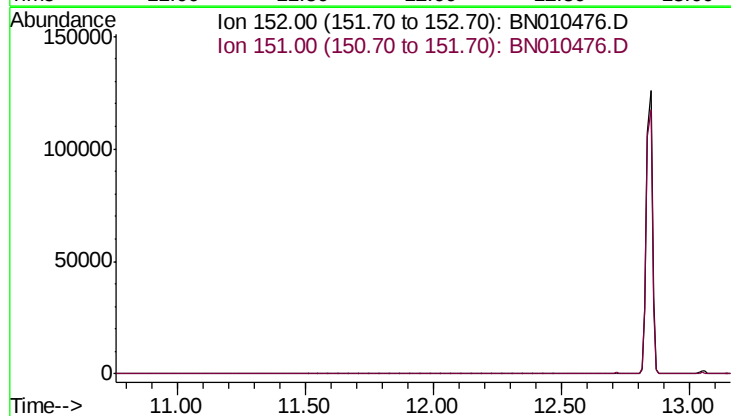
Acq: 14 Apr 2020 13:42

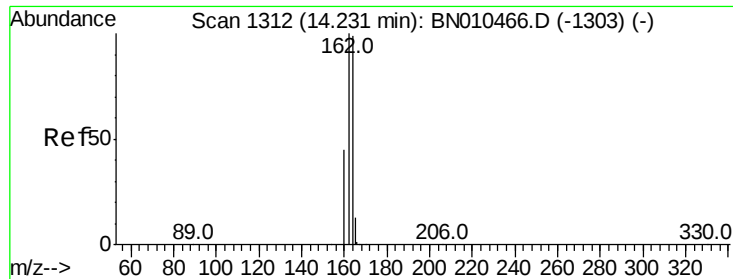
Tgt Ion: 152

Sig Exp Ratio

152 100

151 19.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.23 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

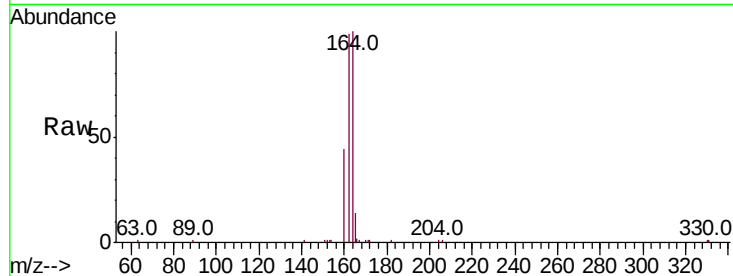
Tot Ion:164 Resp: 10285

Ion Ratio Lower Upper

164 100

162 98.7 80.6 121.0

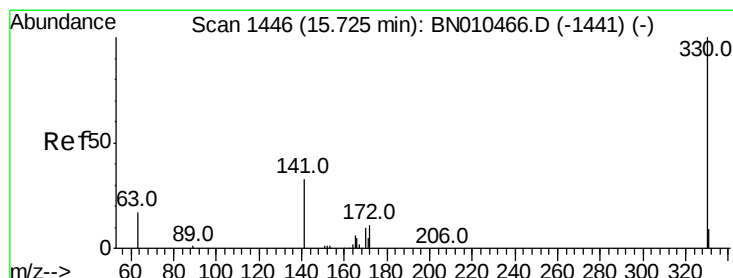
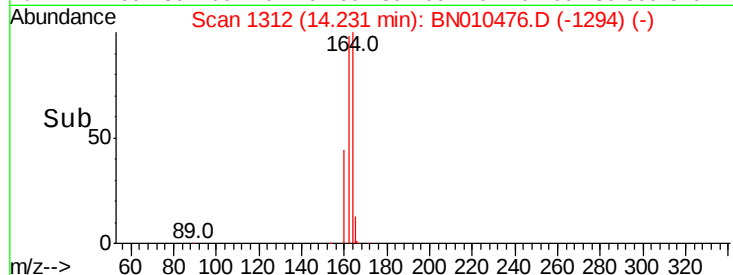
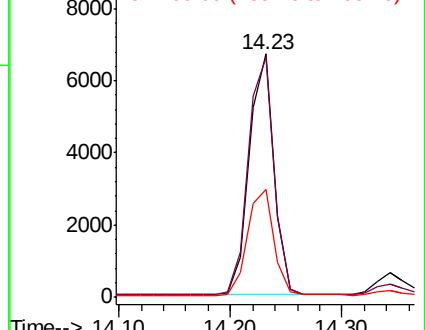
160 44.4 36.5 54.7



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: 223.743 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

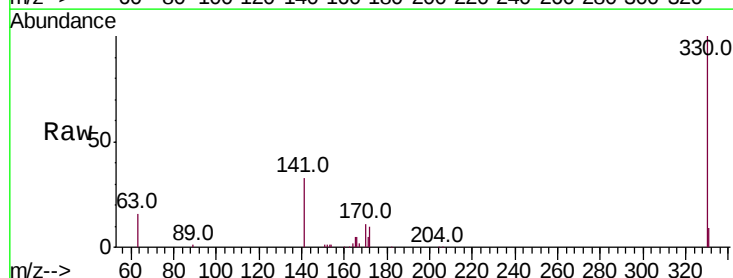
Tgt Ion:330 Resp: 1084657

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

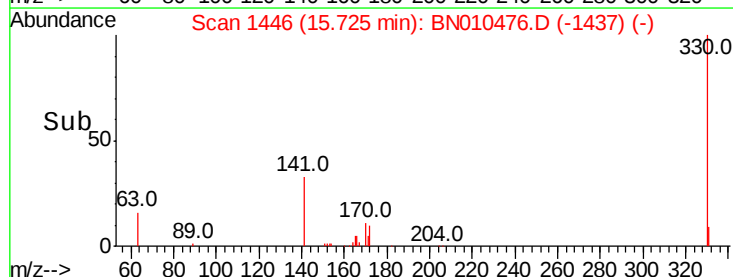
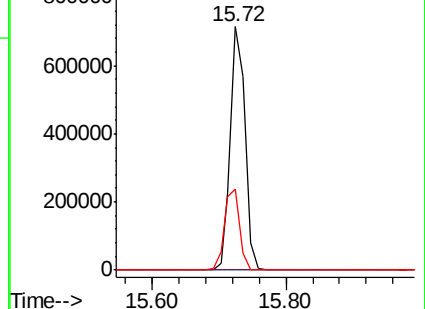
141 35.0 28.1 42.1

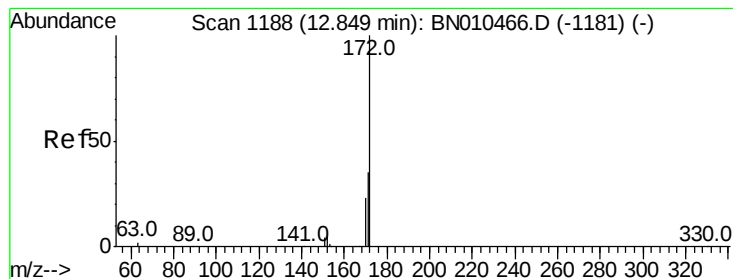


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 97.268 ng

RT: 12.85 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

Instrument :

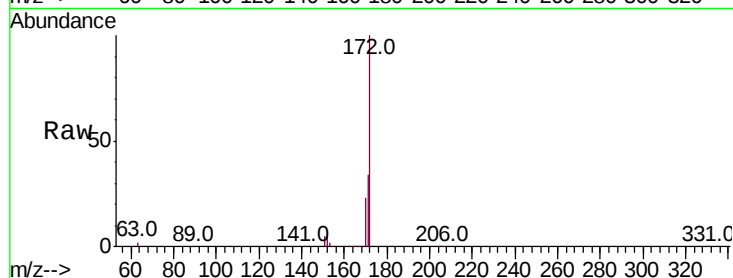
BNA_N

ClientSampleId :

PT-ACIDS-WP

Tot Ion:172 Resp: 3640564

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	22.6	18.4	27.6

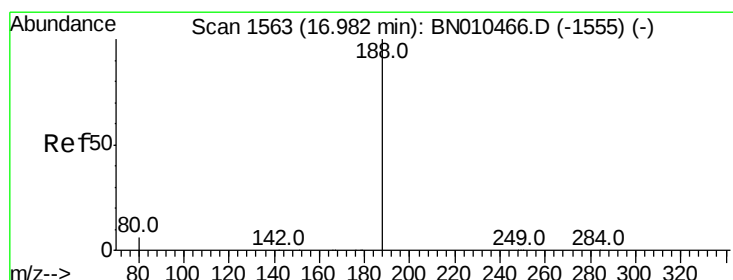
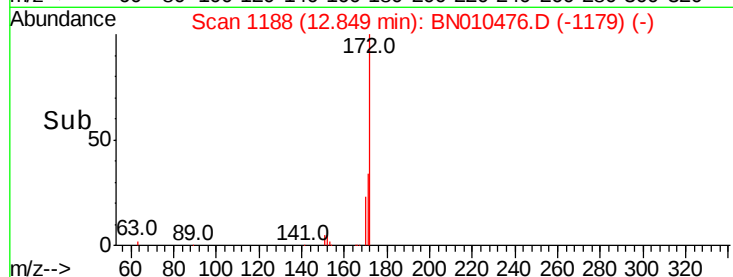
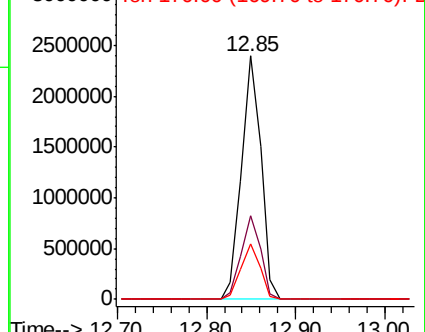


Abundance

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# 1562

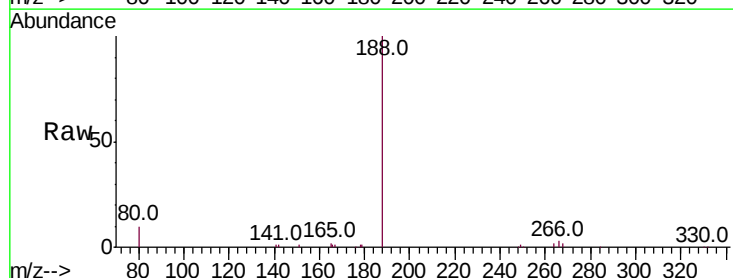
Delta R.T. -0.01 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

Tgt Ion:188 Resp: 24034

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	5.0	7.6

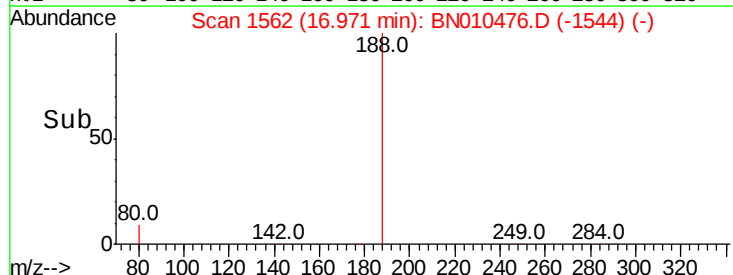
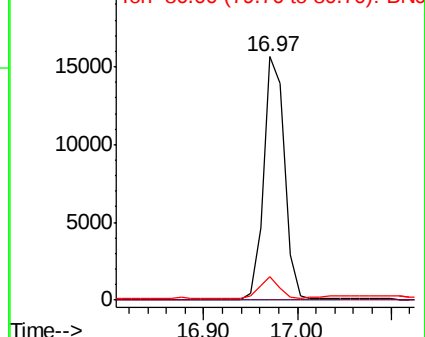


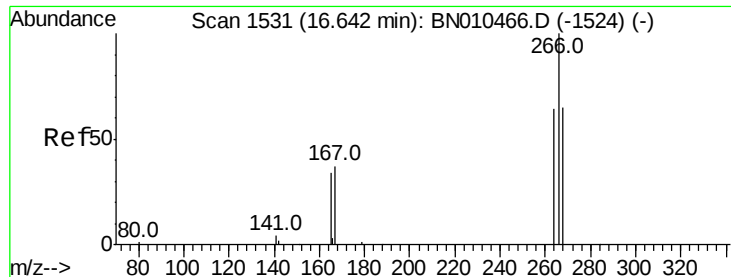
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#22

Pentachlorophenol

Concen: 251.415 ng

RT: 16.64 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

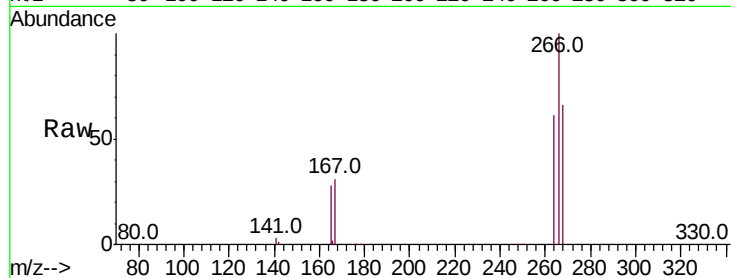
Tot Ion:266 Resp: 1507433

Ion Ratio Lower Upper

266 100

264 61.3 51.8 77.6

268 65.7 53.7 80.5

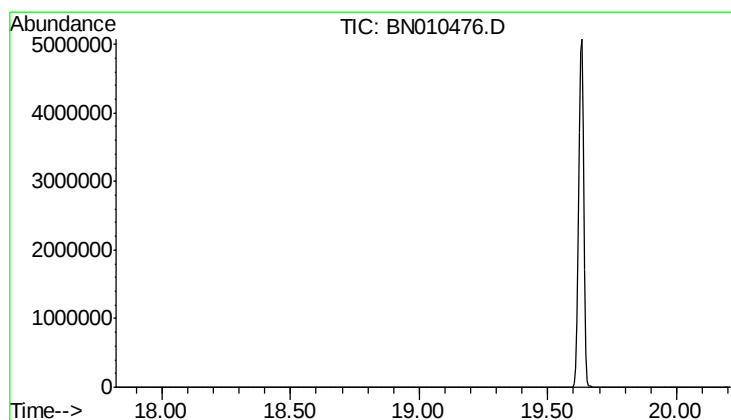
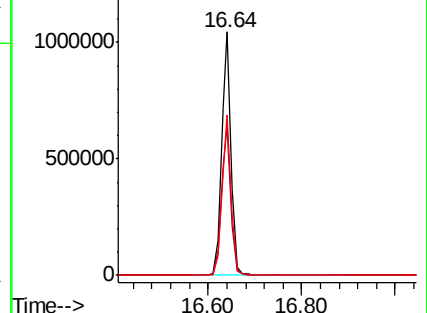
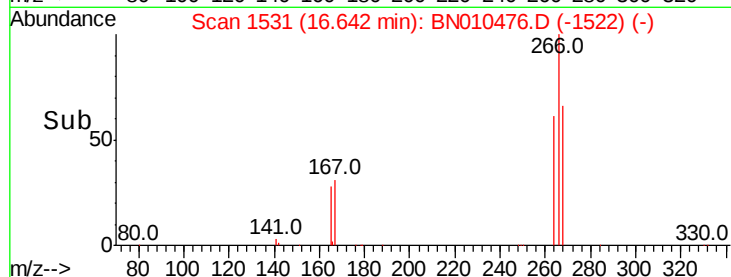


Abundance

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

Expected RT: 19.02 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

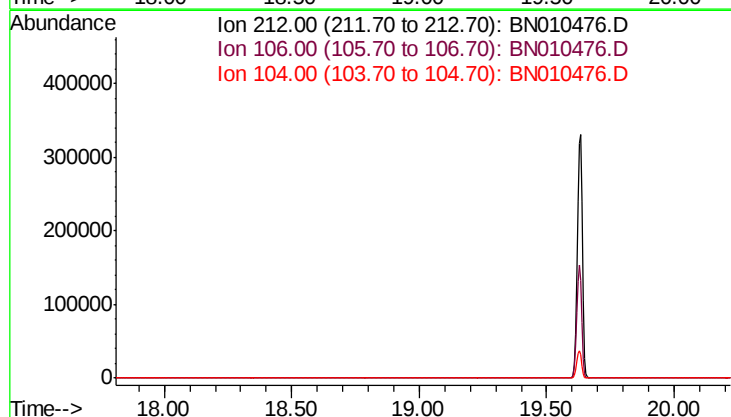
Tgt Ion: 212

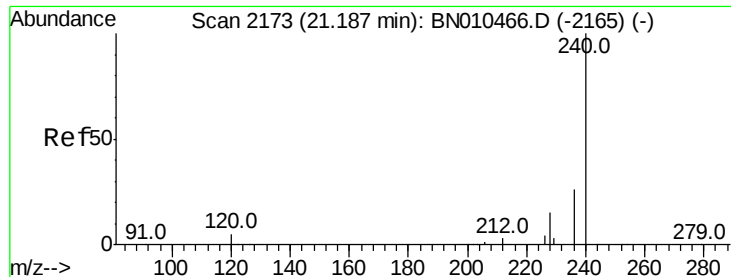
Sig Exp Ratio

212 100

106 9.7

104 5.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.18 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

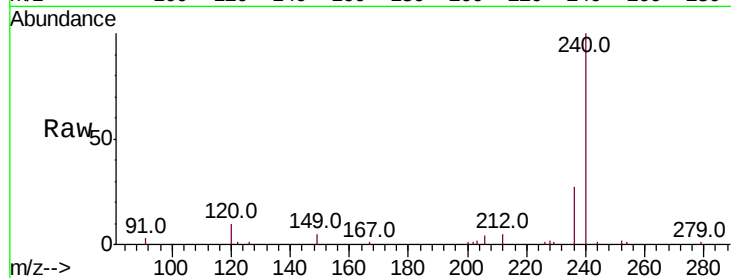
Tot Ion:240 Resp: 23949

Ion Ratio Lower Upper

240 100

120 9.8 4.8 7.2#

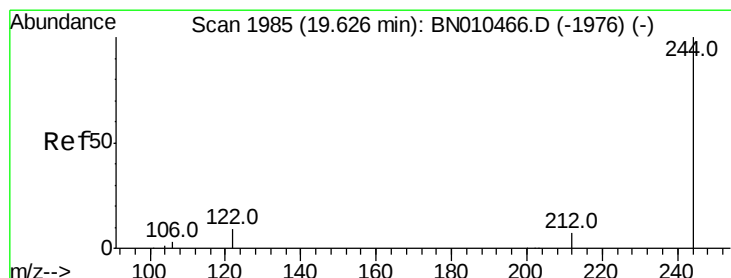
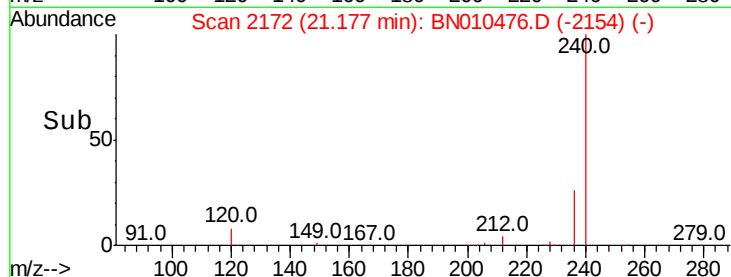
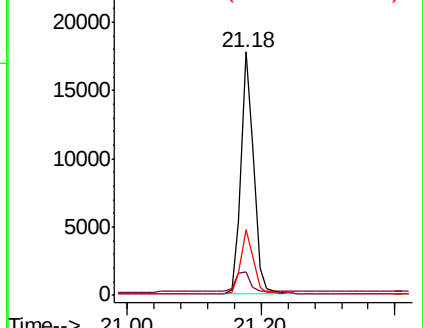
236 27.0 21.4 32.0



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: 102.727 ng

RT: 19.63 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

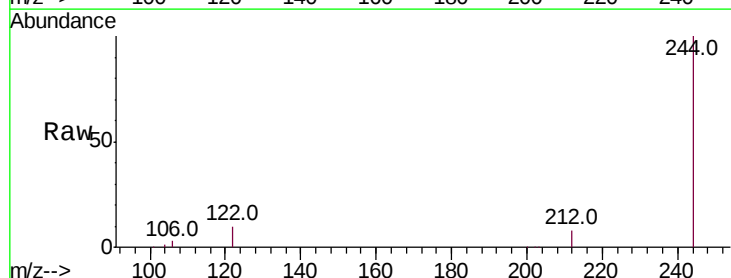
Tgt Ion:244 Resp: 5630680

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

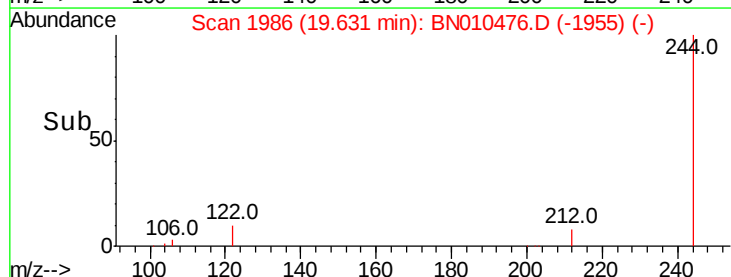
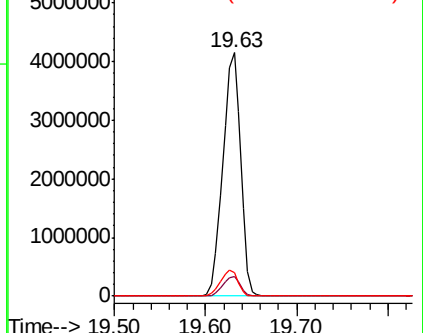
122 9.6 7.8 11.8

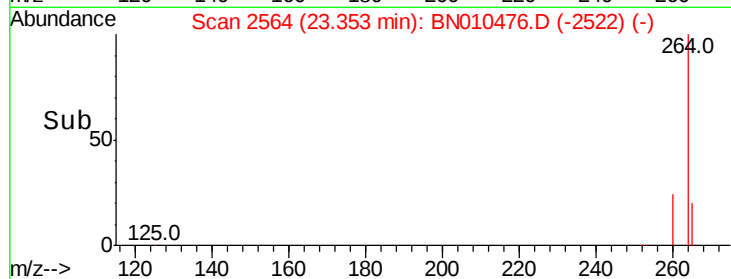
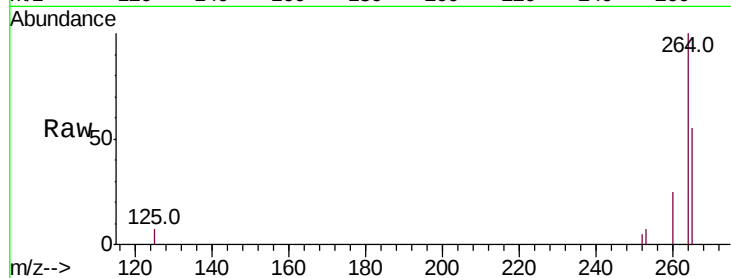
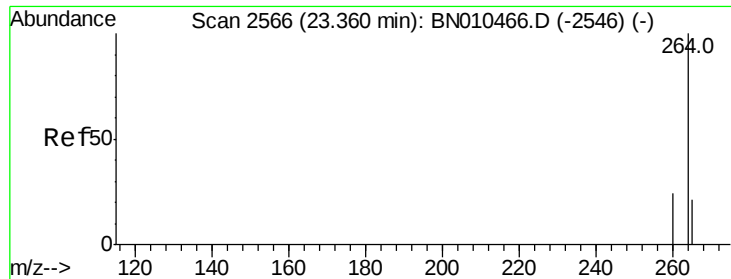


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BN010476.D

Acq: 14 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

Tot Ion:264 Resp: 21205

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 55.0 42.3 63.5

