

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000421.D
 Acq On : 26 Sep 2019 14:45
 Operator : JU
 Sample : K5008-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP-7

Quant Time: Sep 27 01:08:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

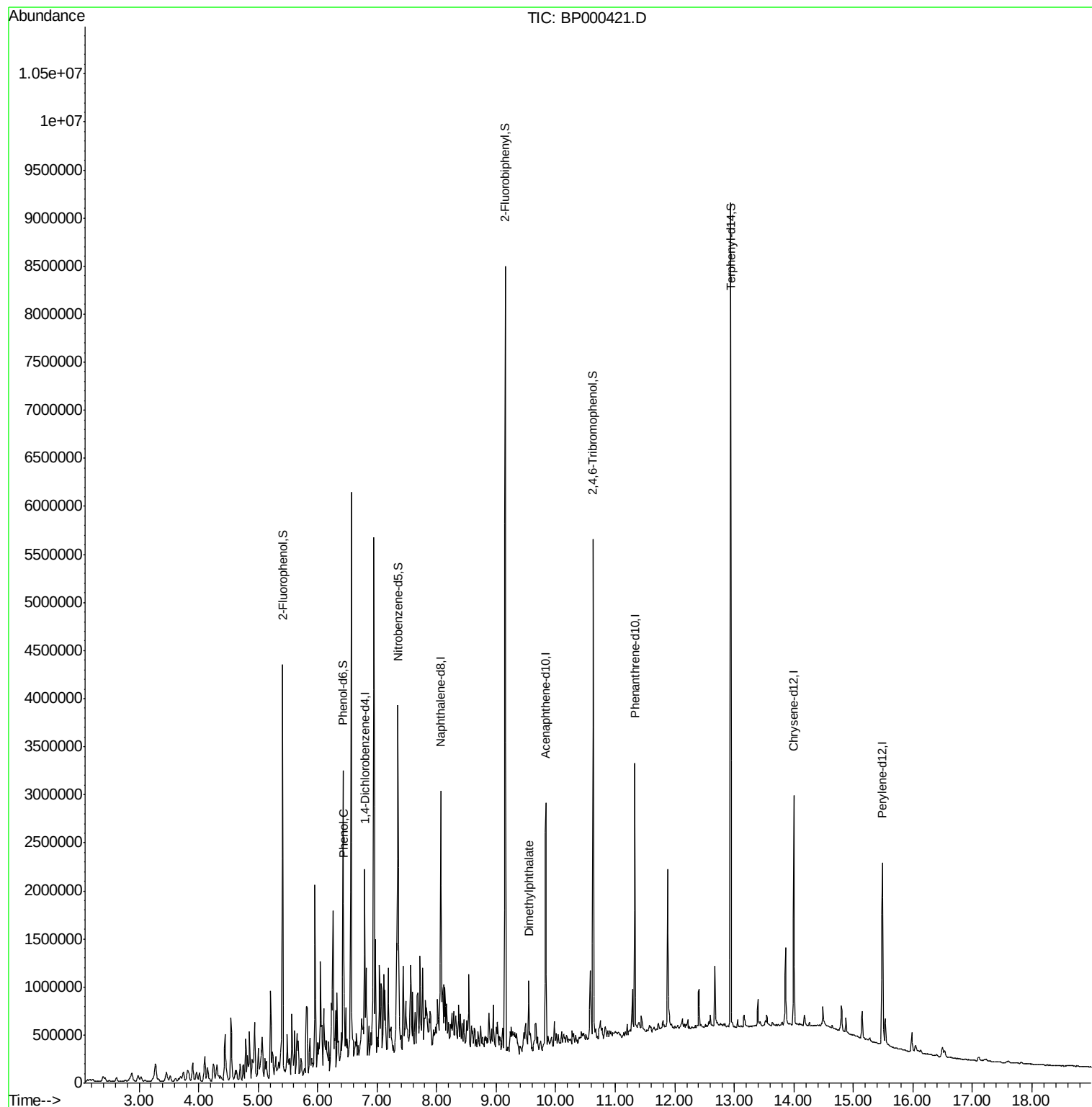
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	244907	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	873732	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	509914	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	927219	20.00	ng	0.00
76) Chrysene-d12	14.00	240	810251	20.00	ng	0.00
87) Perylene-d12	15.49	264	877696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1288030	90.79	ng	0.00
7) Phenol-d6	6.43	99	1199482	68.98	ng	0.00
23) Nitrobenzene-d5	7.35	82	1148126	84.78	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	662273	130.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2355763	83.15	ng	0.00
79) Terphenyl-d14	12.94	244	3011186	77.96	ng	0.00
Target Compounds						
10) Phenol	6.44	94	67844	3.434	ng	87
50) Dimethylphthalate	9.55	163	233619	6.725	ng	99

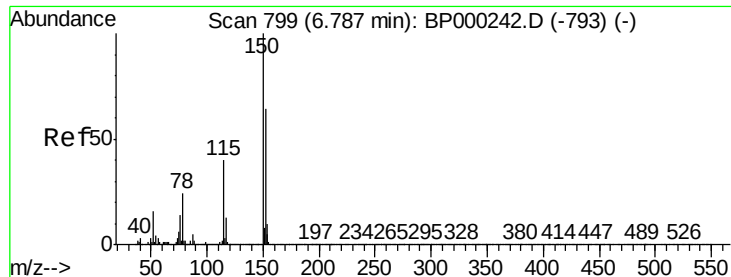
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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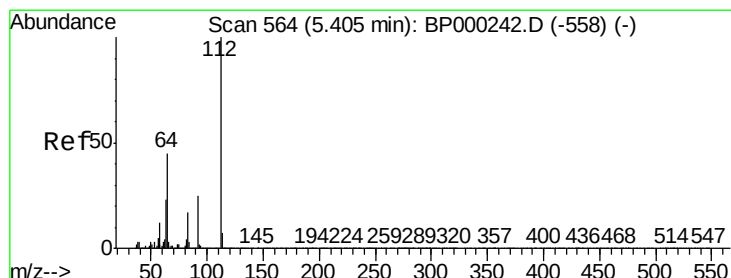
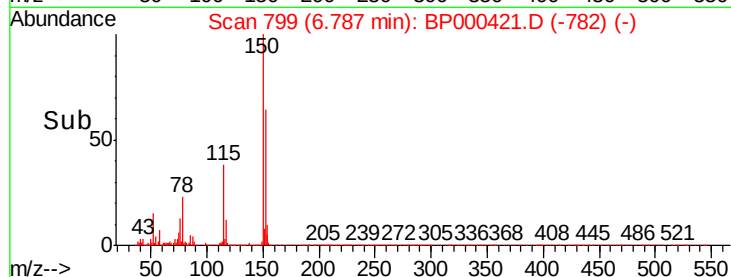
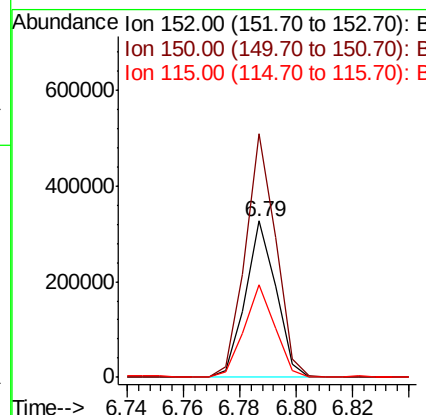
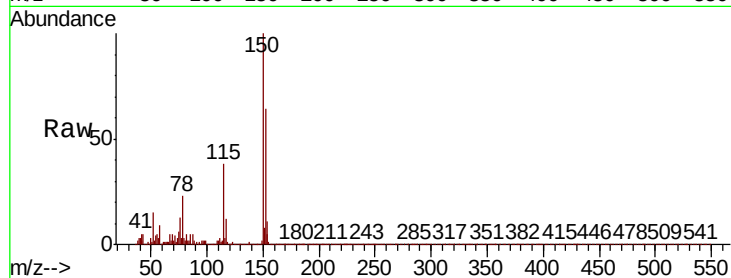


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Instrument :
BNA_P
ClientSampleId :
TWP-7

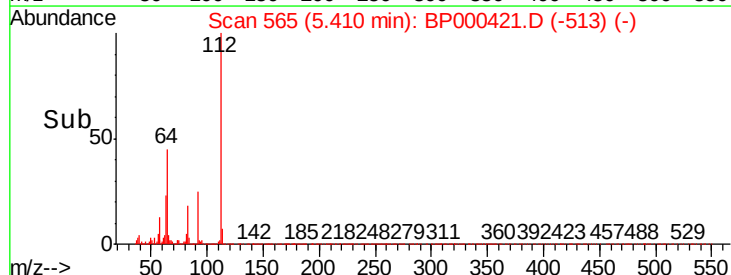
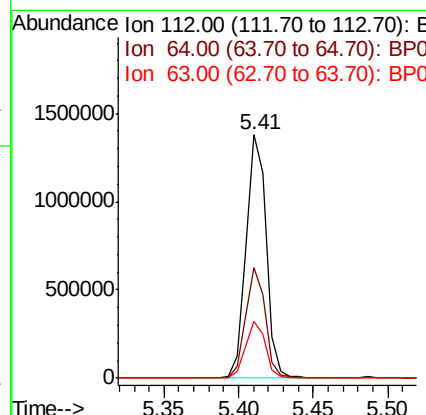
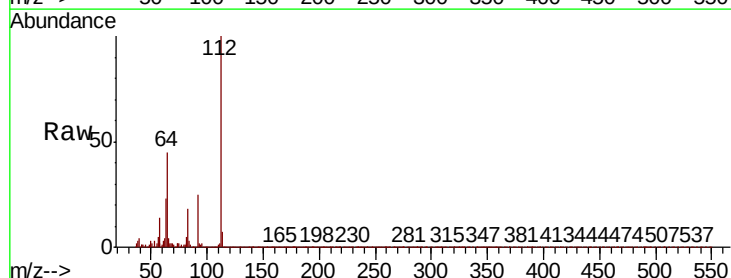
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.2	187.8
115	59.3	49.7	74.5

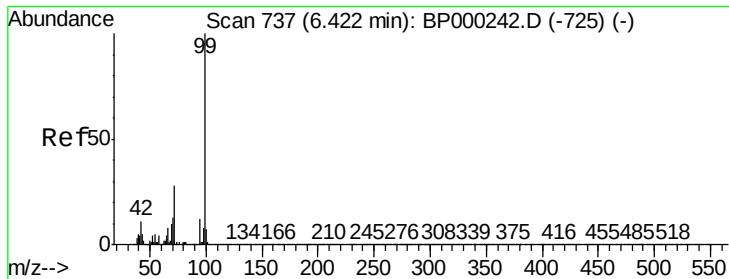


#5

2-Fluorophenol
Concen: 90.793 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.3	36.2	54.4
63	23.3	18.3	27.5





#7

Phenol-d6

Concen: 68.977 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Instrument :

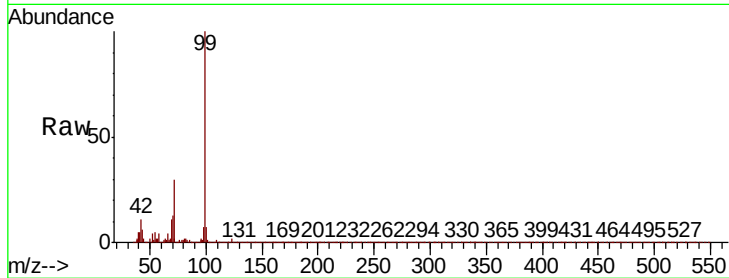
BNA_P

ClientSampleId :

TWP-7

Tot Ion: 99 Resp: 1199482

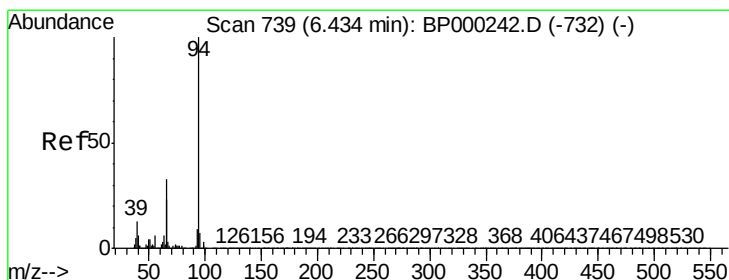
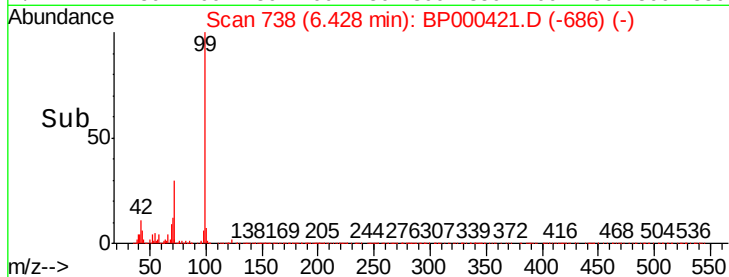
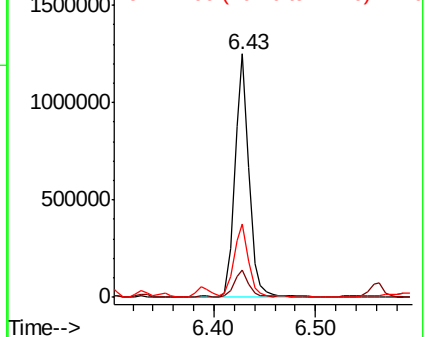
Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.5	12.7
71	30.0	22.6	34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 3.434 ng

RT: 6.44 min Scan# 740

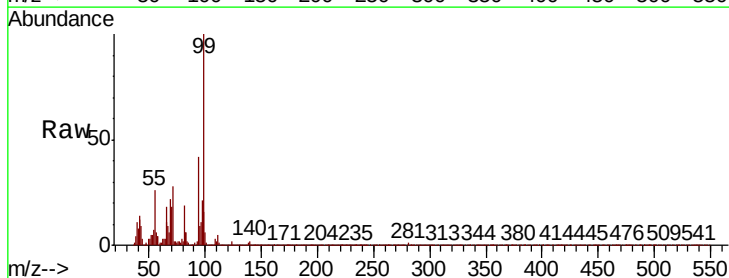
Delta R.T. 0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Tgt Ion: 94 Resp: 67844

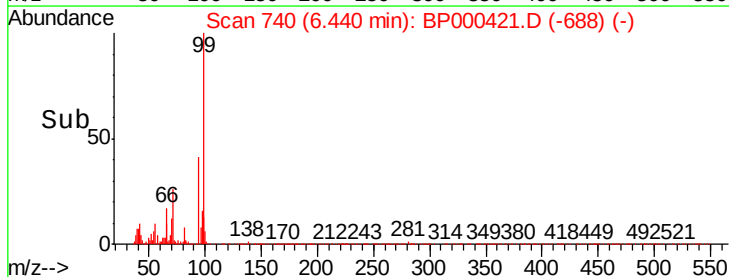
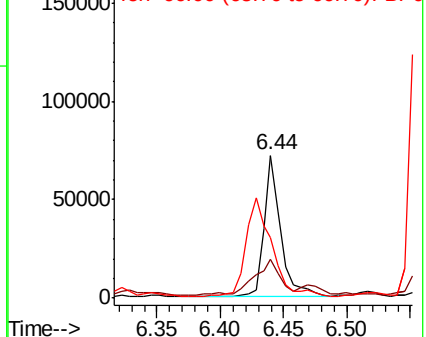
Ion	Ratio	Lower	Upper
94	100		
65	27.5	3.3	43.3
66	42.0	12.7	52.7

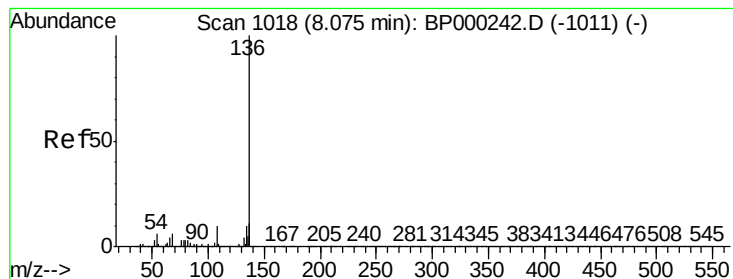


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Instrument :

BNA_P

ClientSampleId :

TWP-7

Tot Ion:136 Resp: 873732

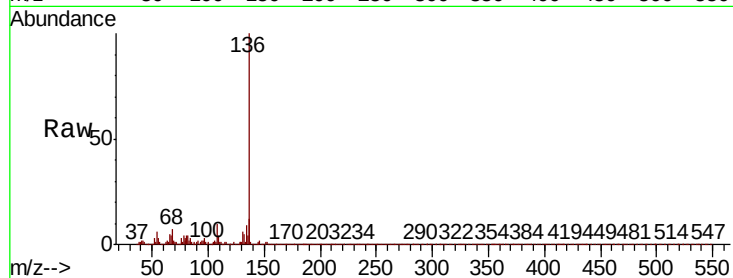
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 6.5 4.5 6.7

68 6.7 4.5 6.7

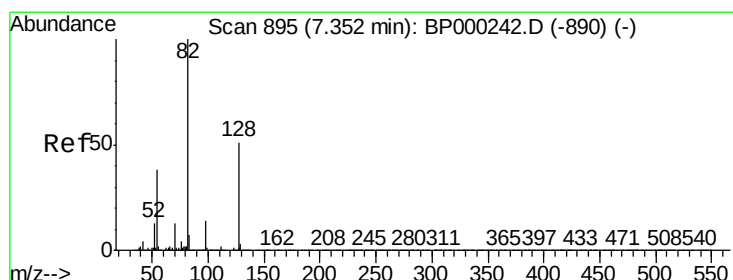
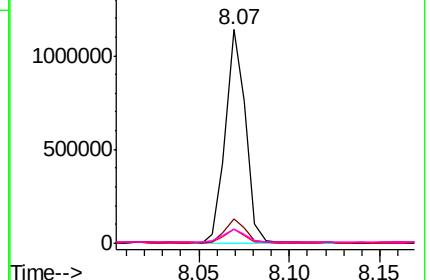
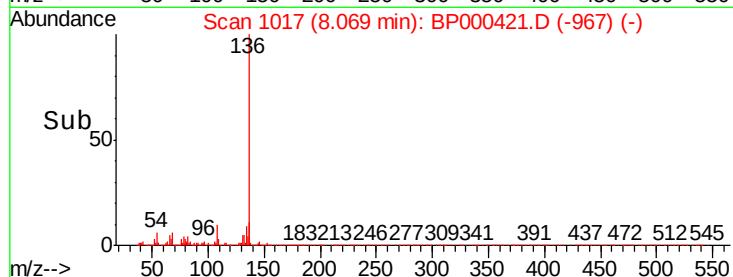


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 84.782 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

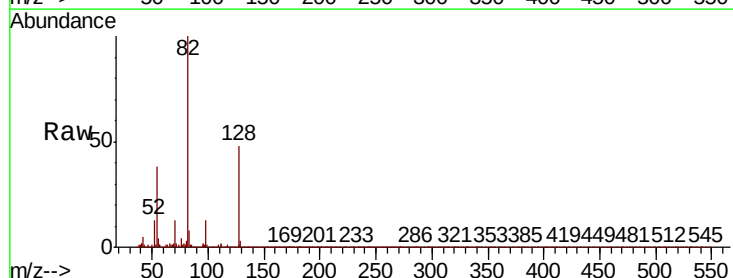
Tgt Ion: 82 Resp: 1148126

Ion Ratio Lower Upper

82 100

128 47.9 40.7 61.1

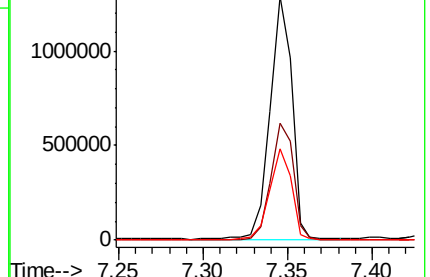
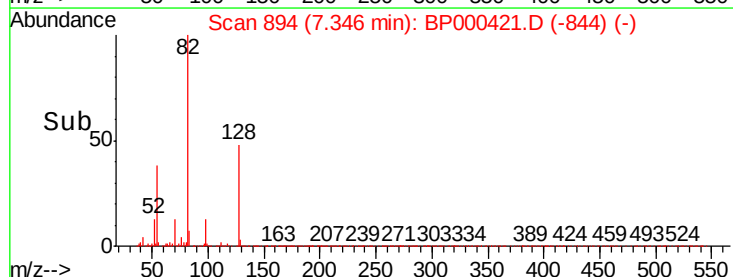
54 37.7 30.1 45.1

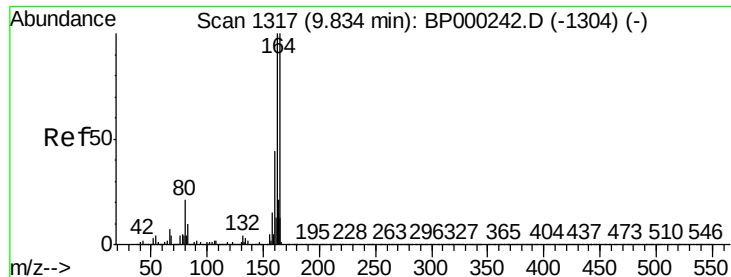


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Instrument :

BNA_P

ClientSampleId :

TWP-7

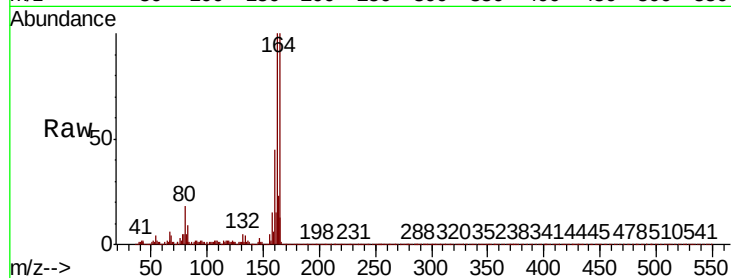
Tot Ion:164 Resp: 509914

Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

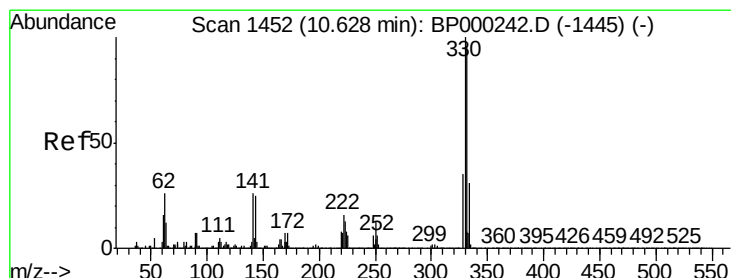
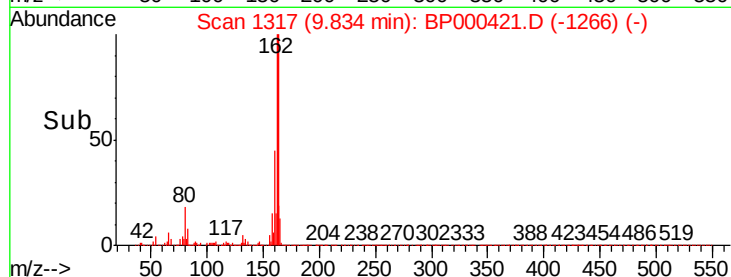
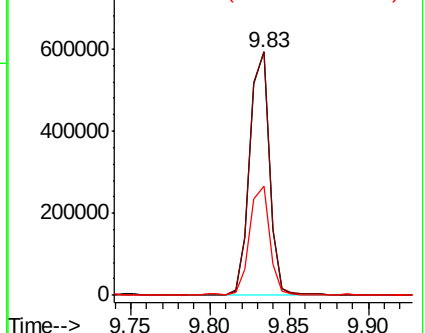
160 45.0 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 130.945 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

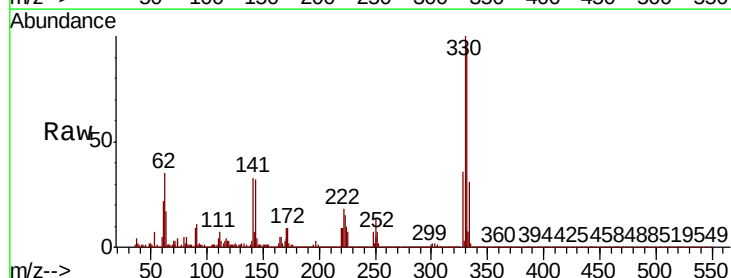
Tgt Ion:330 Resp: 662273

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

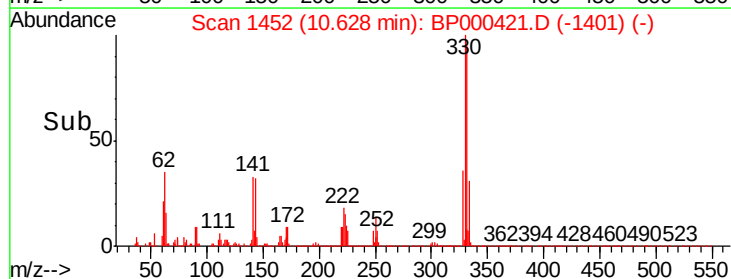
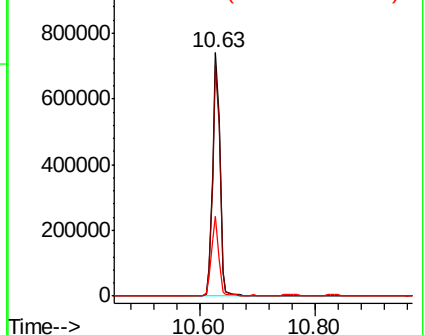
141 32.6 26.5 39.7

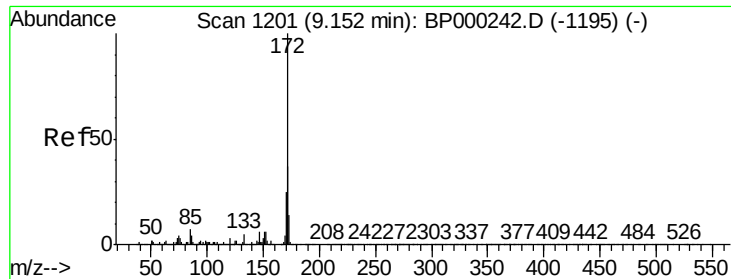


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

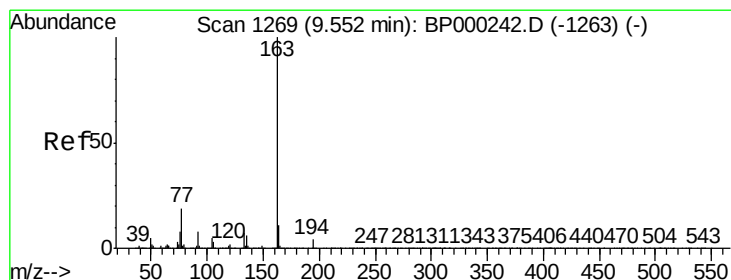
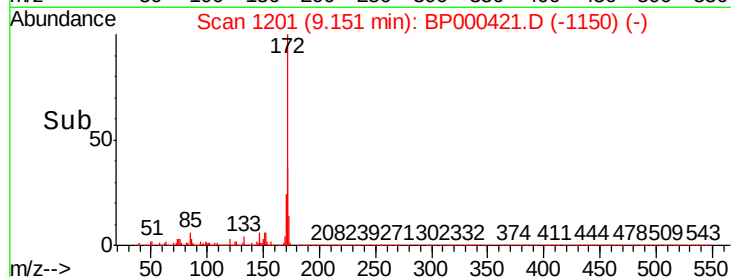
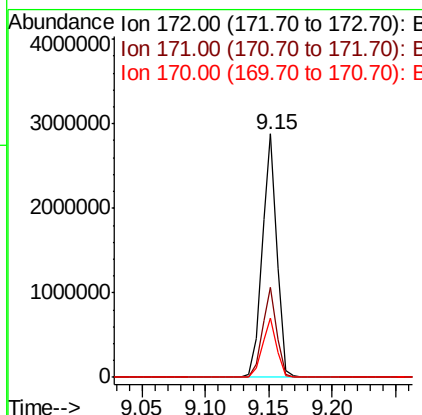
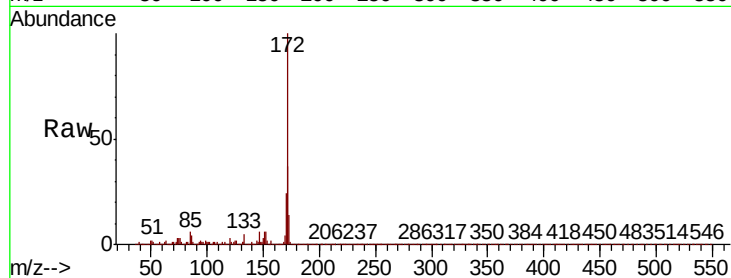




#45
2-Fluorobiphenyl
Concen: 83.150 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

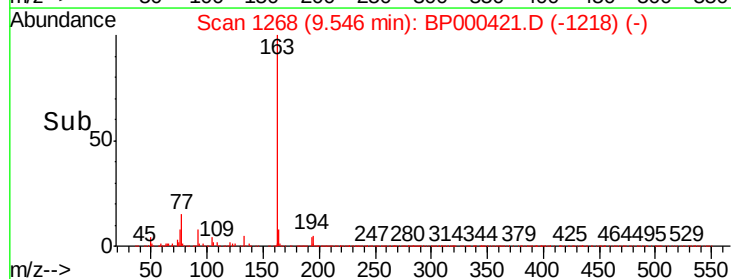
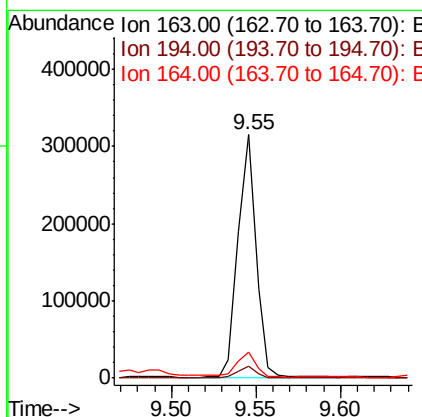
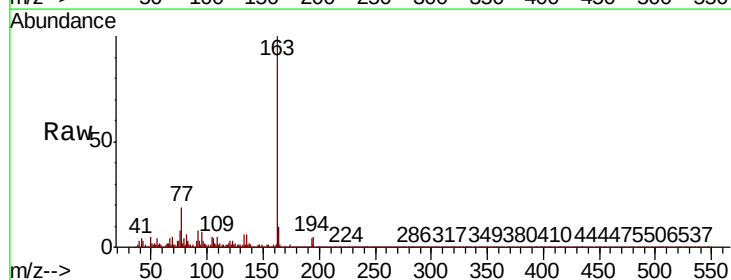
Instrument :
BNA_P
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TWP-7

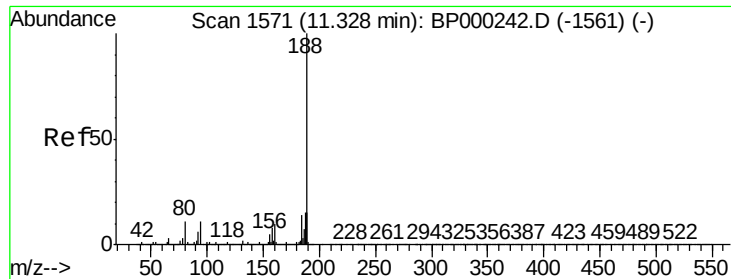
Tot Ion:172 Resp: 2355763
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.2 19.8 29.6



#50
Dimethylphthalate
Concen: 6.725 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Tgt Ion:163 Resp: 233619
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.0
164 10.5 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Instrument :

BNA_P

ClientSampleId :

TWP-7

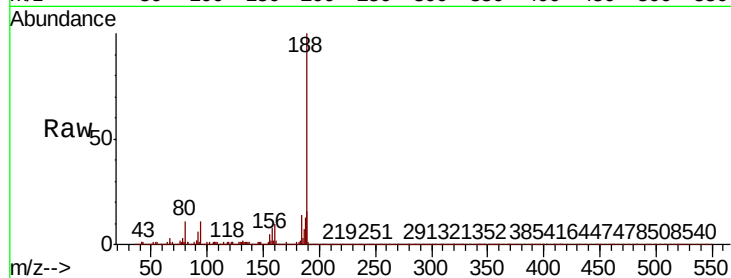
Tot Ion:188 Resp: 927219

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

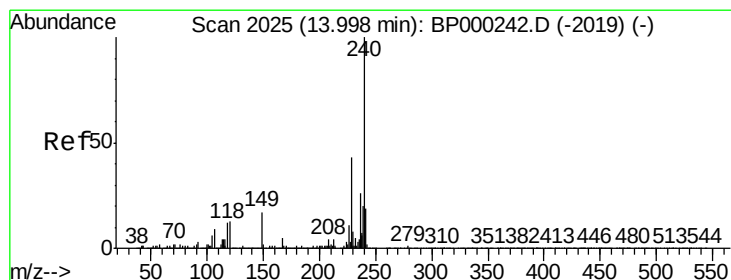
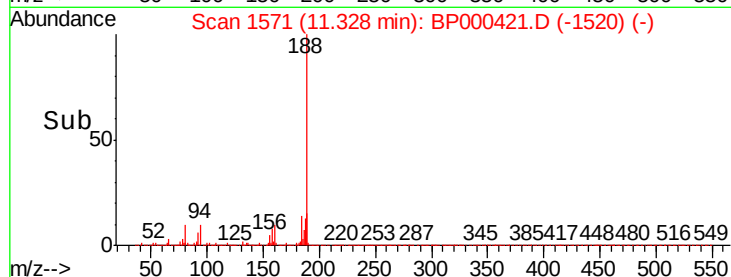
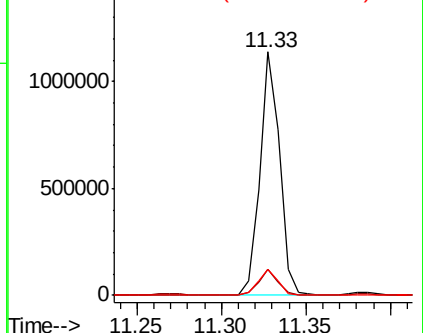
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

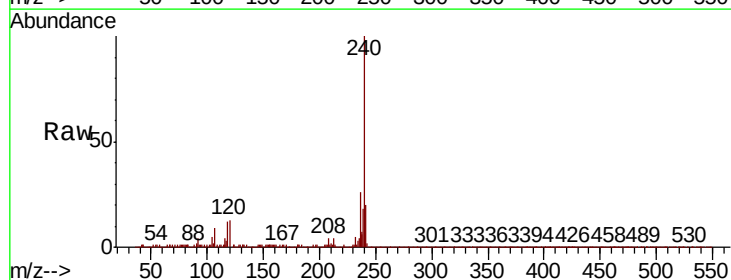
Tgt Ion:240 Resp: 810251

Ion Ratio Lower Upper

240 100

120 13.3 10.4 15.6

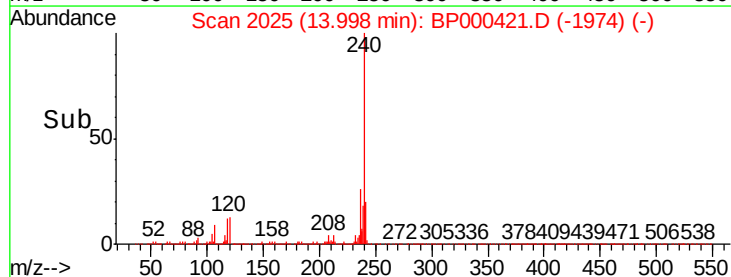
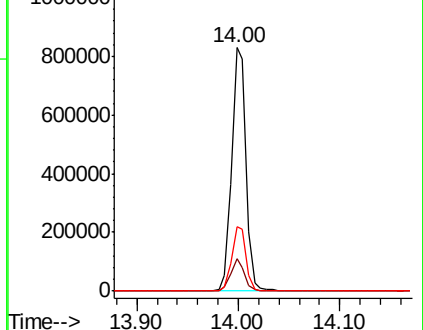
236 26.4 21.0 31.6

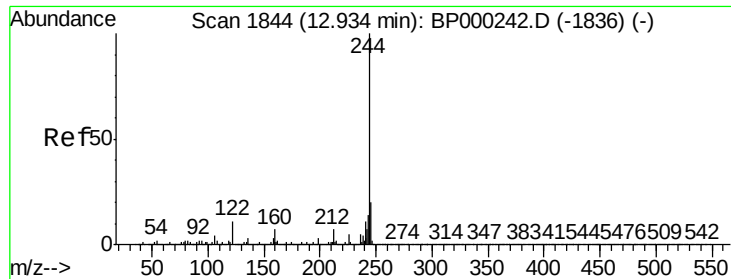


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

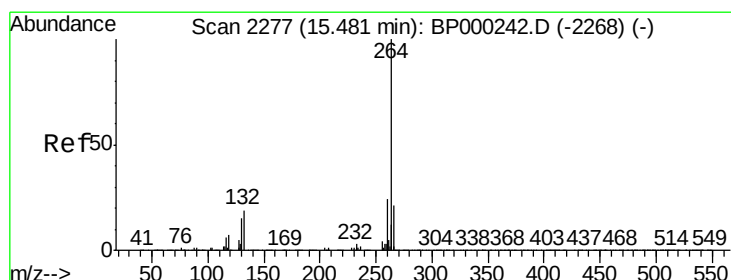
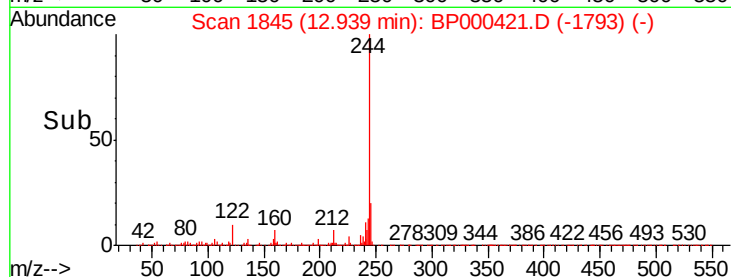
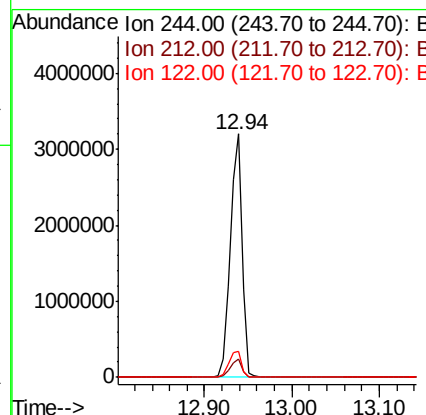
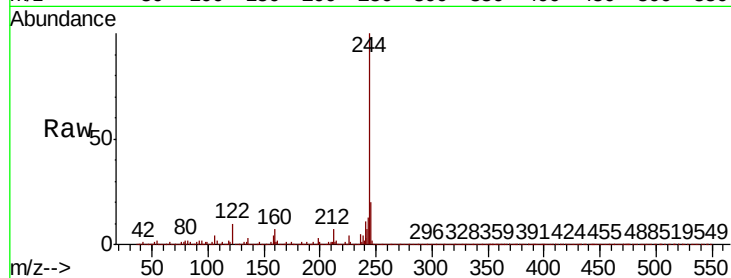




#79
 Terphenyl-d14
 Concen: 77.964 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000421.D
 Acq: 26 Sep 2019 14:45

Instrument :
 BNA_P
 ClientSampleId :
 TWP-7

Tot Ion:244 Resp: 3011186
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.4 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BP000421.D
 Acq: 26 Sep 2019 14:45

Tgt Ion:264 Resp: 877696
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.2 17.2 25.8

