

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
 Data File : BP000623.D
 Acq On : 10 Oct 2019 18:04
 Operator : JU
 Sample : K5300-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-18A-D

Quant Time: Oct 11 04:59:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

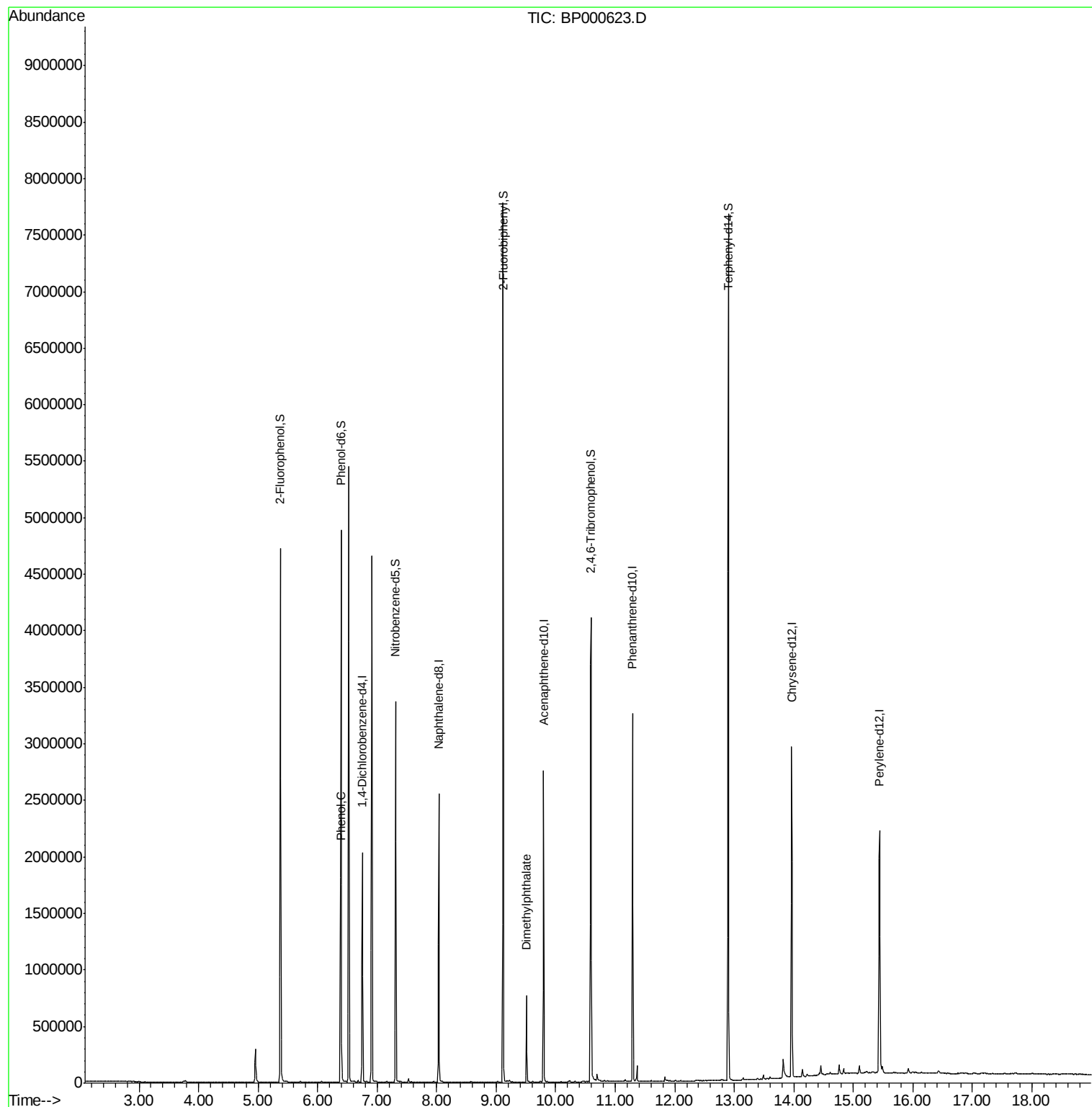
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	275612	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	1016187	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	568459	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1044700	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	876860	20.00	ng	-0.02
87) Perylene-d12	15.44	264	953366	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1465066	85.45	ng	-0.02
7) Phenol-d6	6.39	99	1887019	91.33	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1041280	62.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	532800	87.96	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2234626	63.60	ng	-0.02
79) Terphenyl-d14	12.90	244	2629178	60.71	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	77572	3.667	ng	90
50) Dimethylphthalate	9.51	163	276073	6.989	ng	100

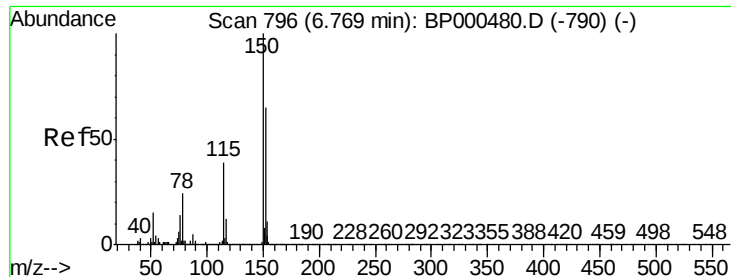
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

Instrument :

BNA_P

ClientSampleId :

TP-18A-D

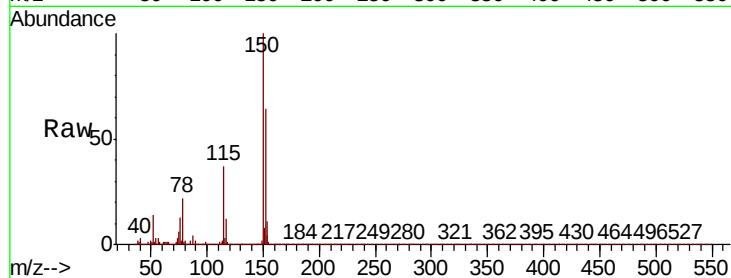
Tot Ion:152 Resp: 275612

Ion Ratio Lower Upper

152 100

150 157.1 124.1 186.1

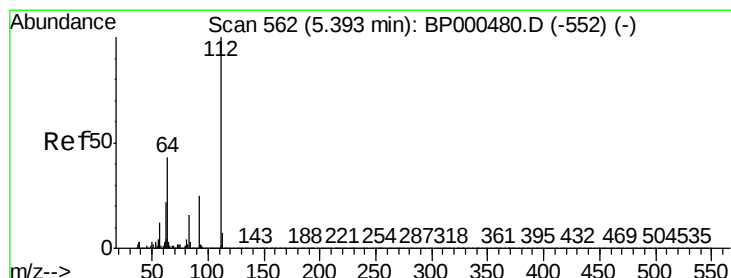
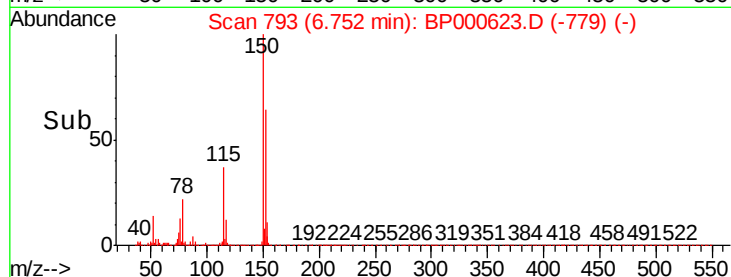
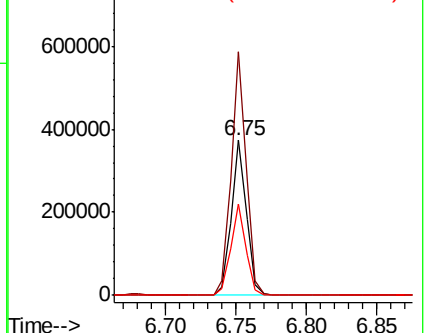
115 58.8 48.7 73.1



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



#5

2-Fluorophenol

Concen: 85.447 ng

RT: 5.38 min Scan# 559

Delta R.T. -0.02 min

Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

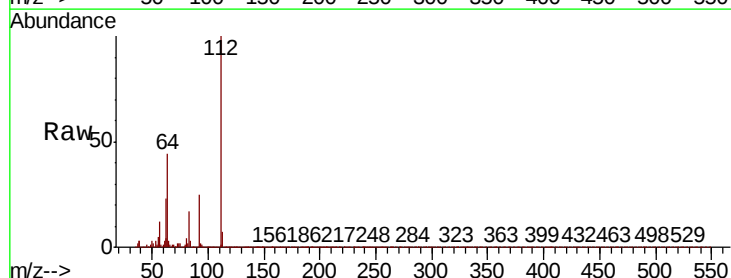
Tgt Ion:112 Resp: 1465066

Ion Ratio Lower Upper

112 100

64 44.4 34.2 51.4

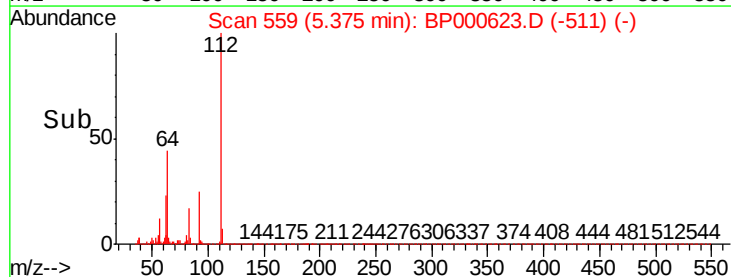
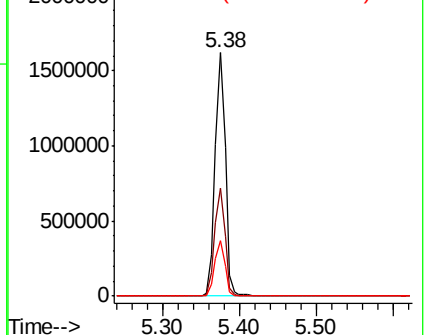
63 22.8 17.9 26.9

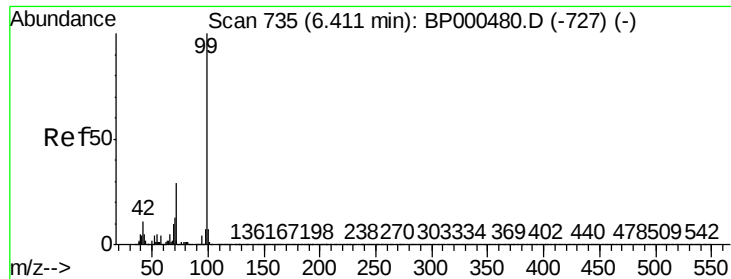


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 91.330 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

Instrument :

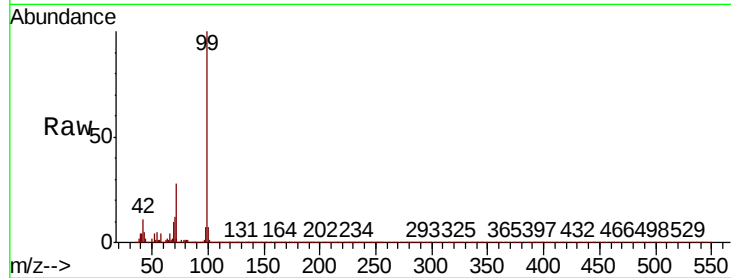
BNA_P

ClientSampled :

TP-18A-D

Tot Ion: 99 Resp: 1887019

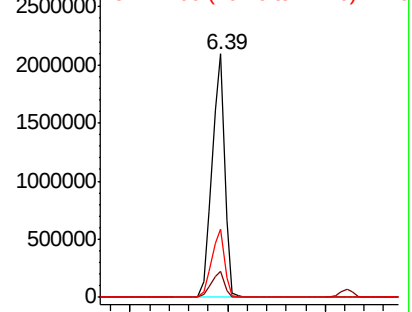
Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.6	12.8
71	28.3	23.0	34.4



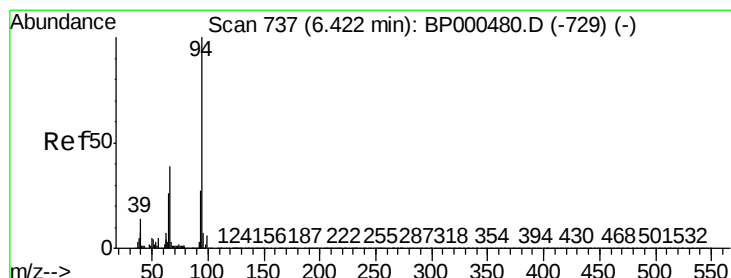
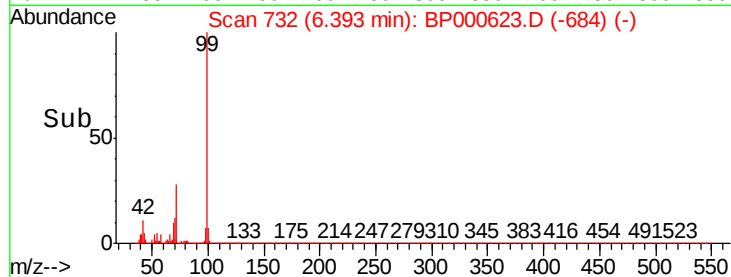
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#10

Phenol

Concen: 3.667 ng

RT: 6.40 min Scan# 734

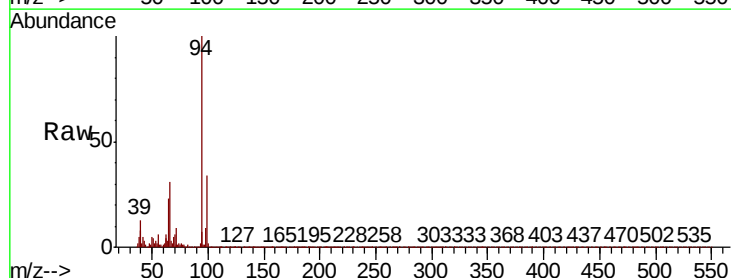
Delta R.T. -0.02 min

Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

Tgt Ion: 94 Resp: 77572

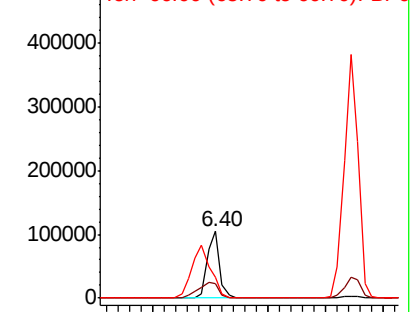
Ion	Ratio	Lower	Upper
94	100		
65	22.8	5.9	45.9
66	30.6	18.8	58.8



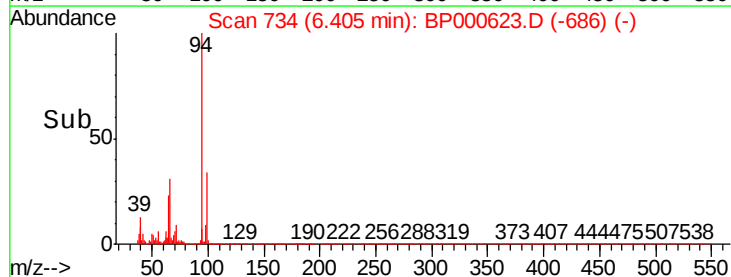
Abundance Ion 94.00 (93.70 to 94.70): BP0

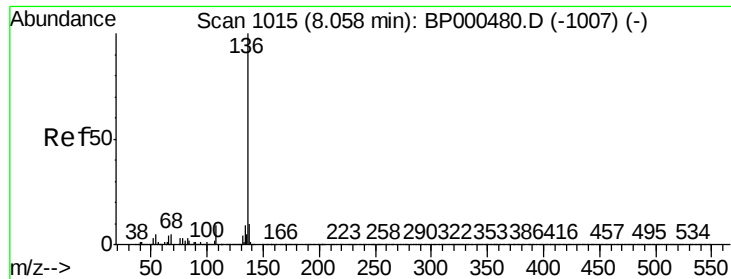
Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



Time-->

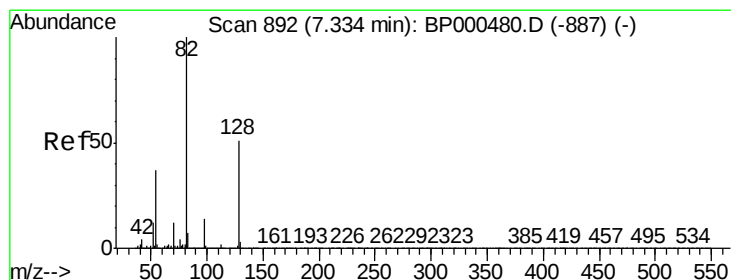
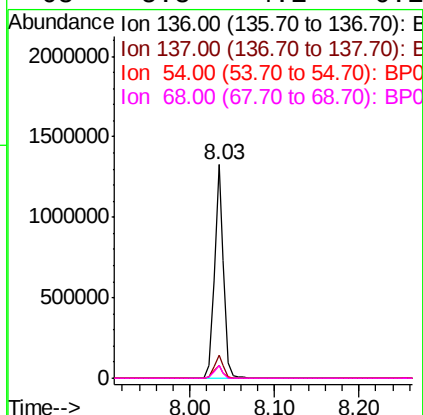
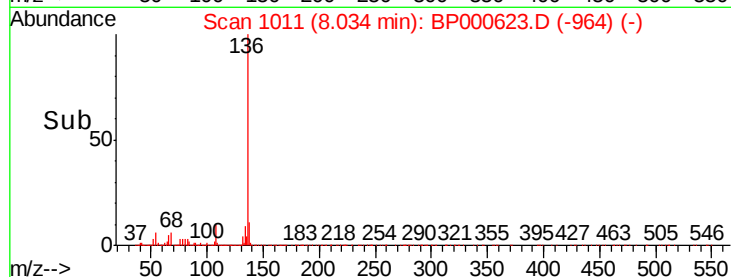
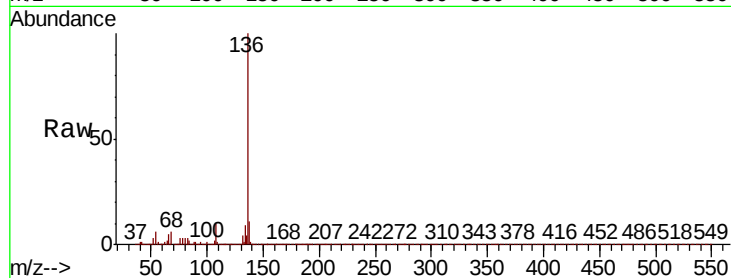




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

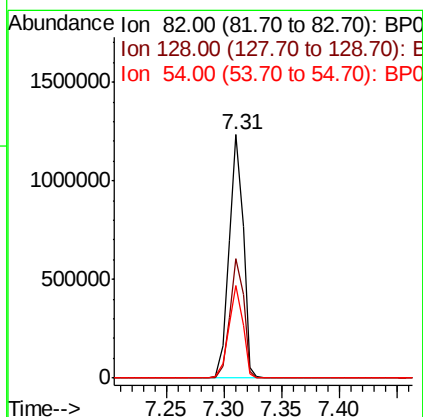
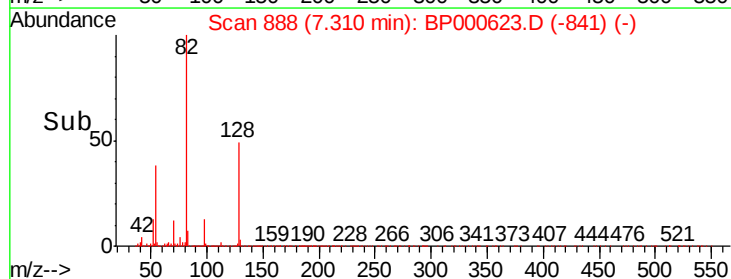
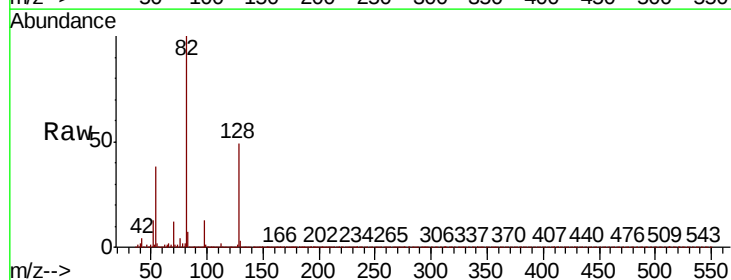
Instrument :
BNA_P
ClientSampleId :
TP-18A-D

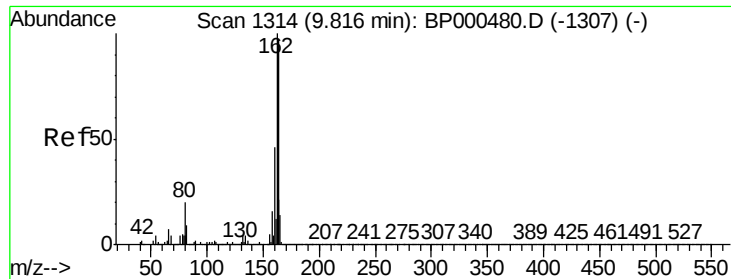
Tot Ion:136 Resp: 1016187
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 5.9 4.1 6.1
68 5.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 62.583 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

Tgt Ion: 82 Resp: 1041280
Ion Ratio Lower Upper
82 100
128 49.1 40.9 61.3
54 38.2 29.4 44.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

Instrument :

BNA_P

ClientSampleId :

TP-18A-D

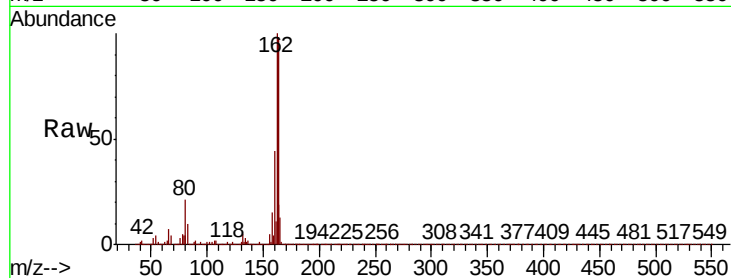
Tot Ion:164 Resp: 568459

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

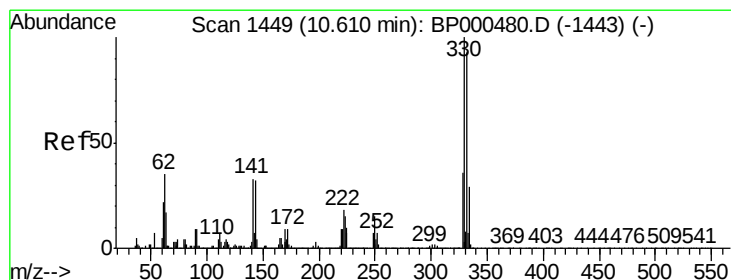
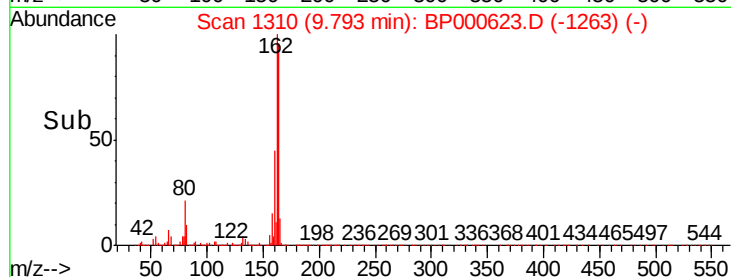
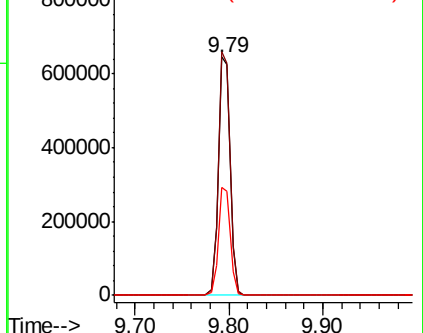
160 45.5 37.6 56.4



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: 87.956 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

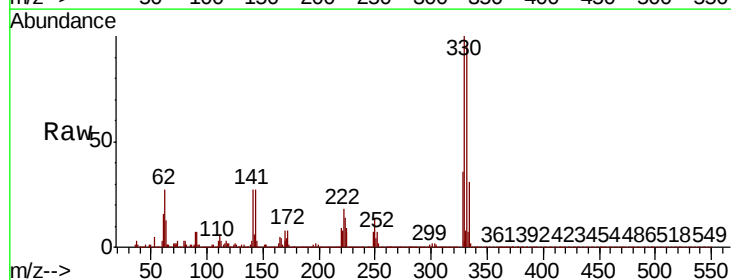
Tgt Ion:330 Resp: 532800

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

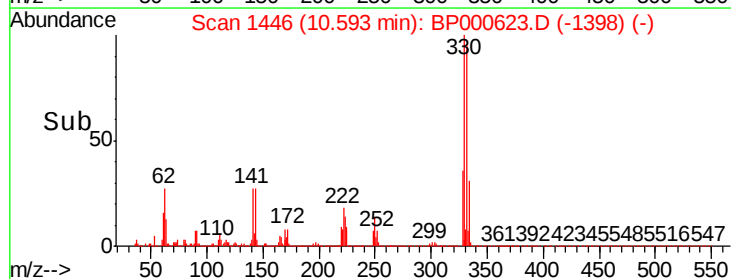
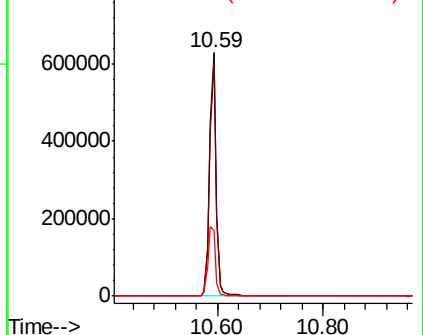
141 32.6 26.0 39.0

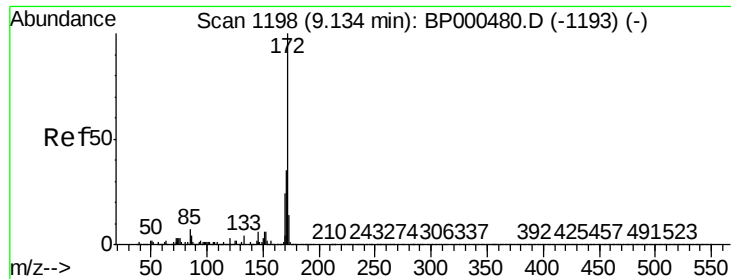


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

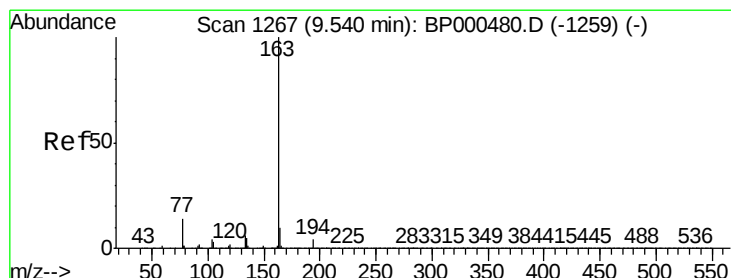
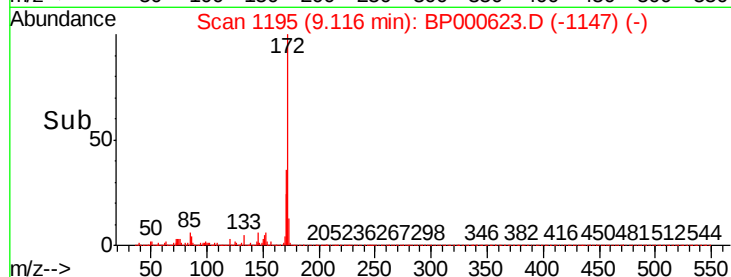
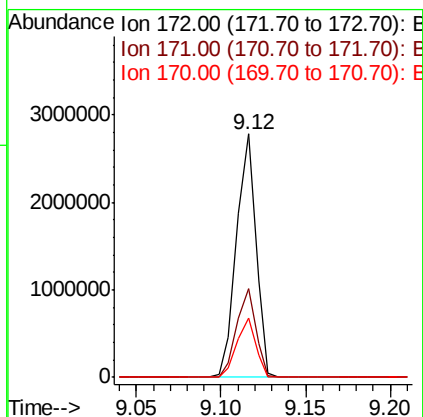
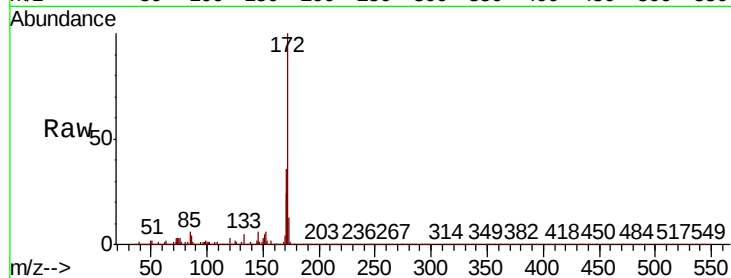




#45
2-Fluorobiphenyl
Concen: 63.604 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

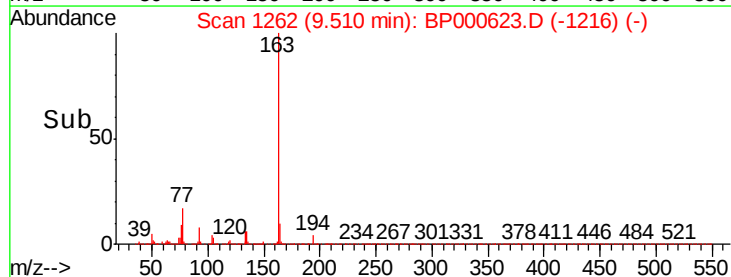
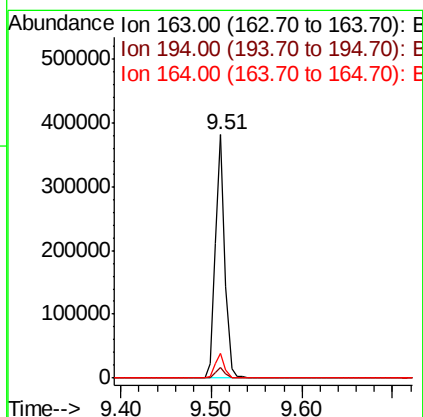
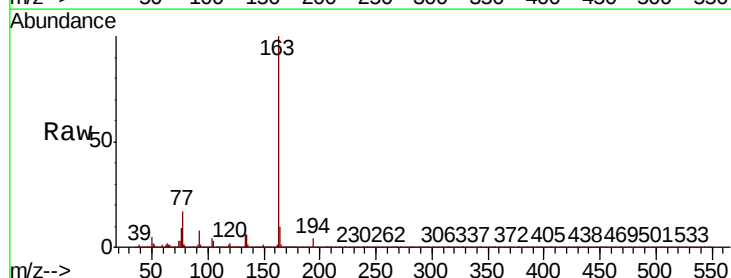
Instrument :
BNA_P
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TP-18A-D

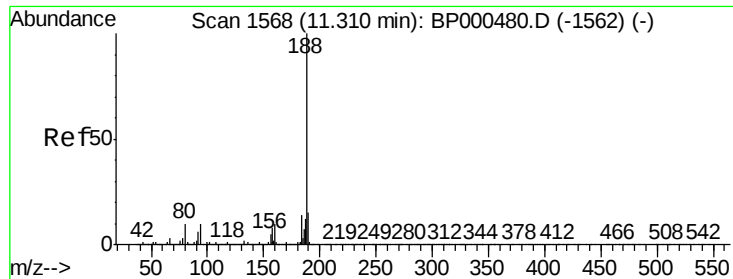
Tot Ion:172 Resp: 2234626
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.3 19.1 28.7



#50
Dimethylphthalate
Concen: 6.989 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

Tgt Ion:163 Resp: 276073
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 8.0 12.0

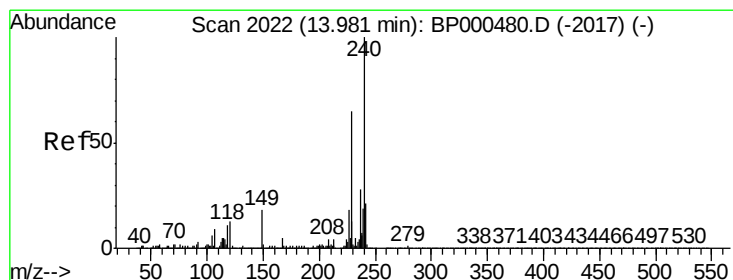
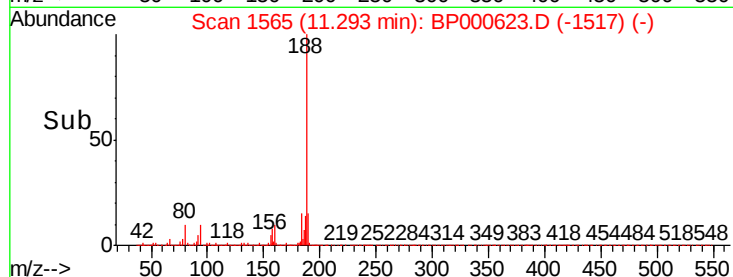
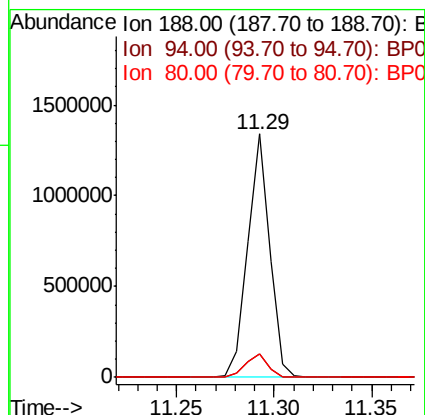
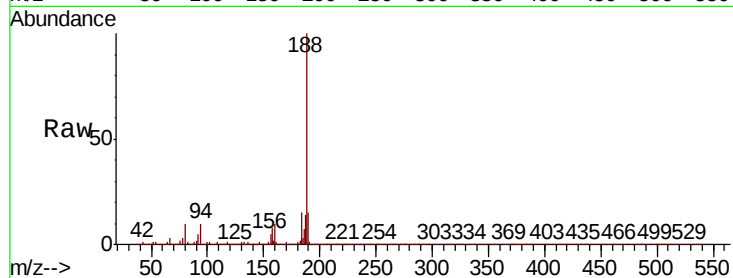




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

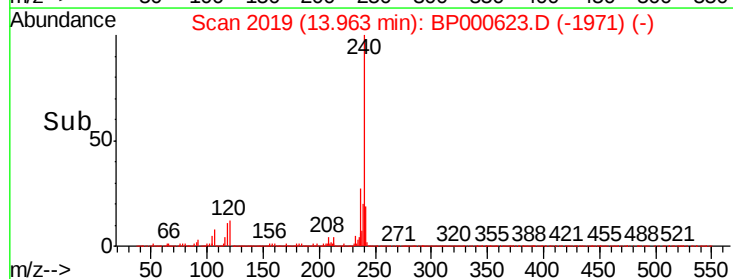
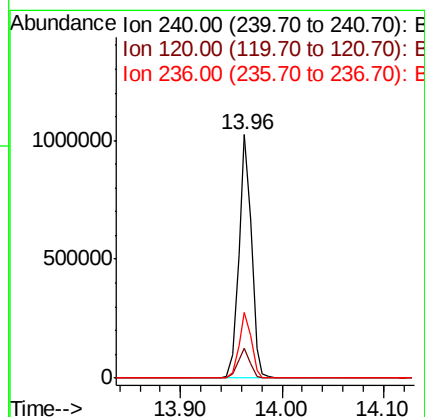
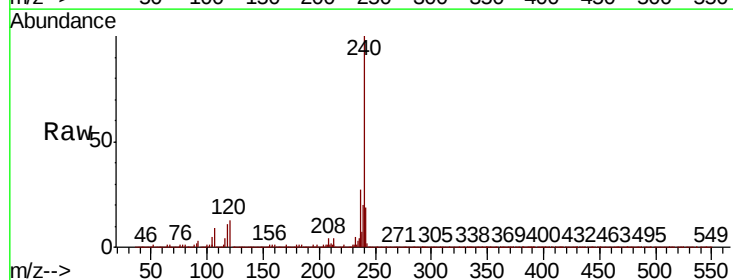
Instrument :
BNA_P
ClientSampleId :
TP-18A-D

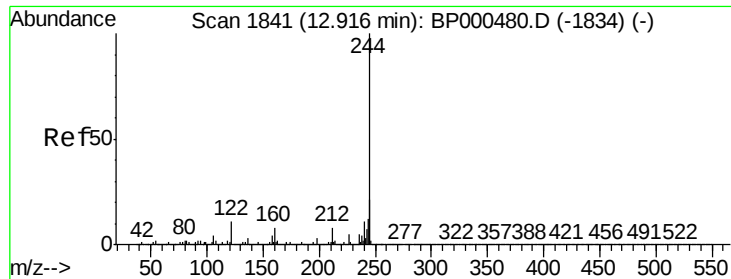
Tot Ion:188 Resp: 1044700
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 9.8 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

Tgt Ion:240 Resp: 876860
Ion Ratio Lower Upper
240 100
120 12.5 10.1 15.1
236 27.0 22.7 34.1

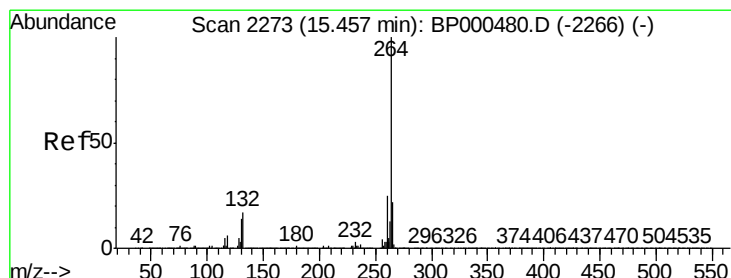
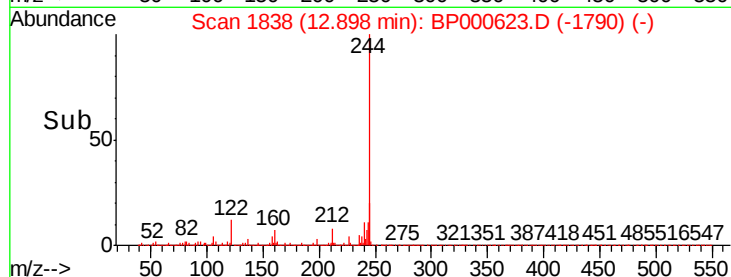
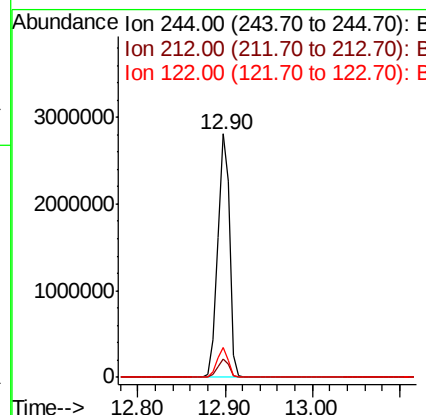
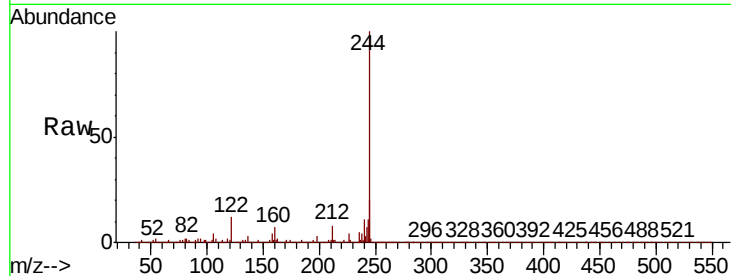




#79
 Terphenyl-d14
 Concen: 60.709 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000623.D
 Acq: 10 Oct 2019 18:04

Instrument :
 BNA_P
 ClientSampleId :
 TP-18A-D

Tot Ion:244 Resp: 2629178
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 12.0 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BP000623.D
 Acq: 10 Oct 2019 18:04

Tgt Ion:264 Resp: 953366
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.3 30.5
 265 21.3 18.0 27.0

