

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 02:27:15 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

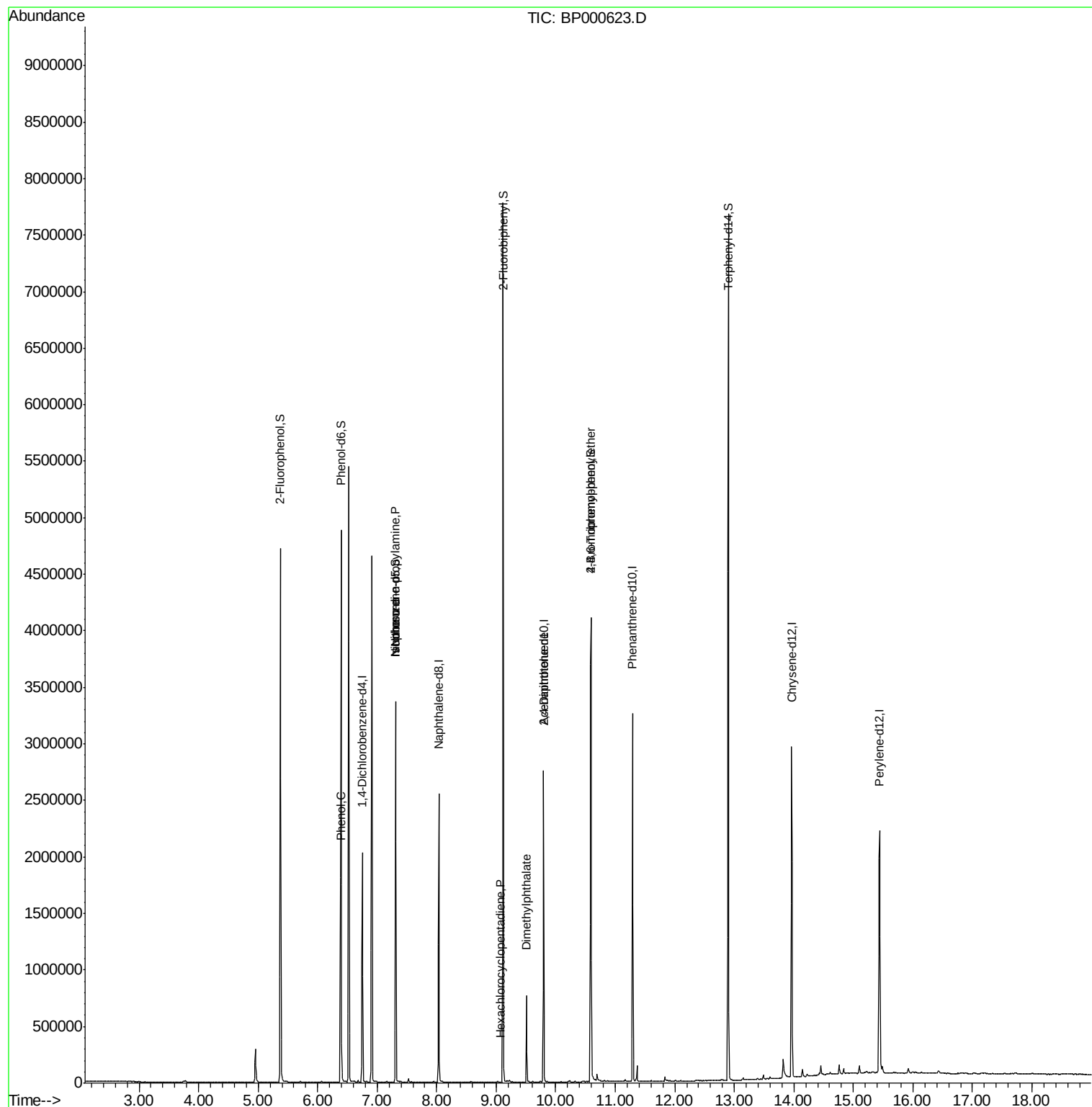
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	275612	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	1016187	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	568459	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1044700	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	876860	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	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.31	70	127233	13.360	ng	# 74
25) Isophorone	7.31	82	1040947	35.251	ng	# 61
41) Hexachlorocyclopentadiene	9.08	237	12	7.299	ng	92
50) Dimethylphthalate	9.51	163	276073	6.989	ng	100
57) 2,4-Dinitrotoluene	9.79	165	75263	6.590	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	37349	3.176	ng	# 1

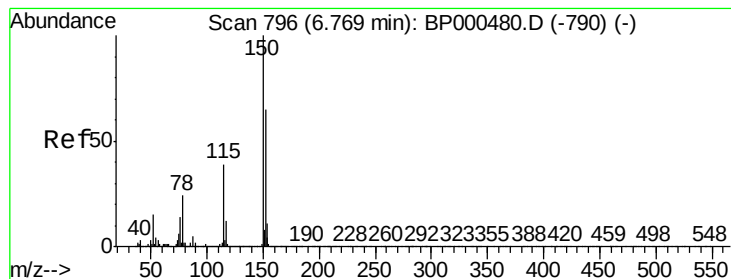
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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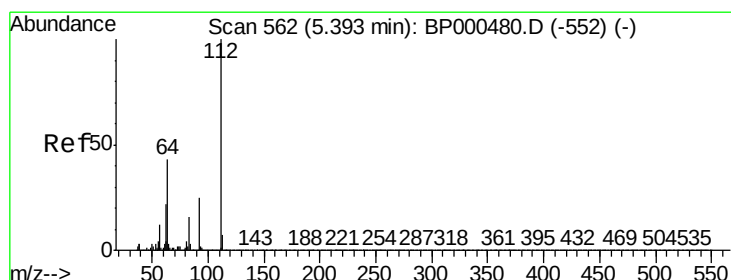
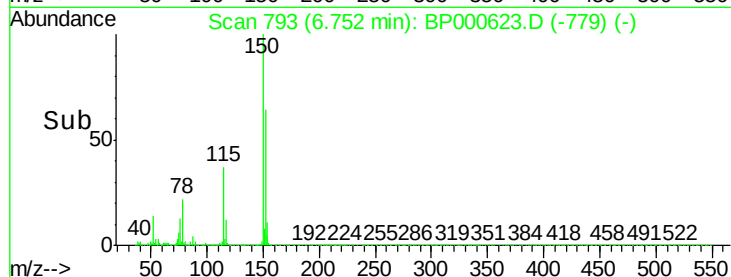
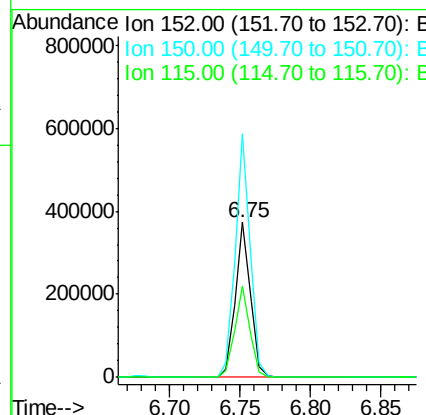
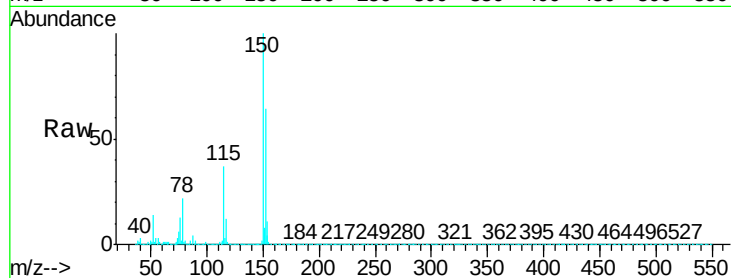


#1

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

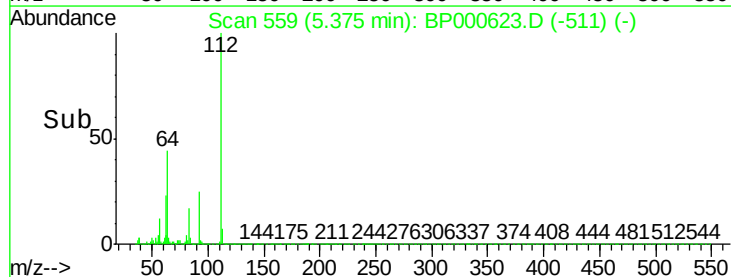
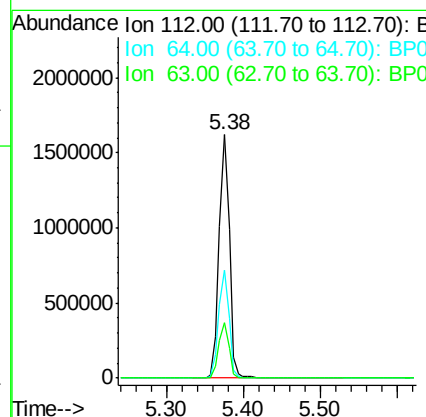
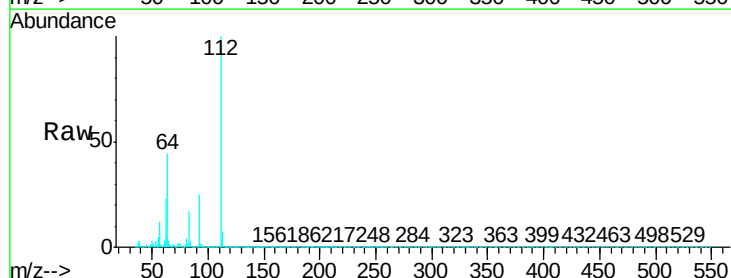
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.1	186.1
115	58.8	48.7	73.1

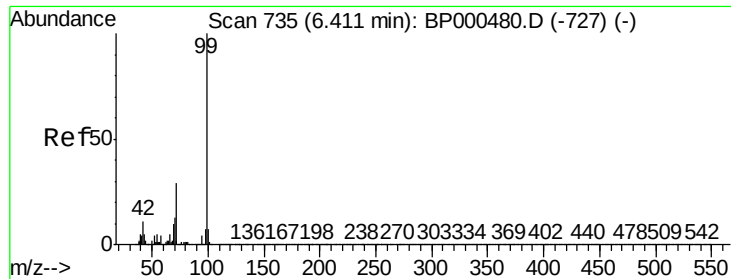


#5

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	Ratio	Lower	Upper
112	100		
64	44.4	34.2	51.4
63	22.8	17.9	26.9





#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

ClientSampleId :

TP-18A-D

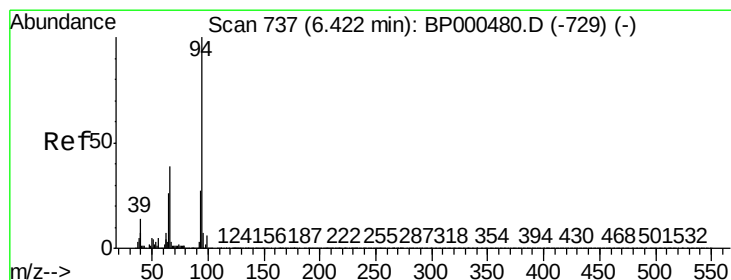
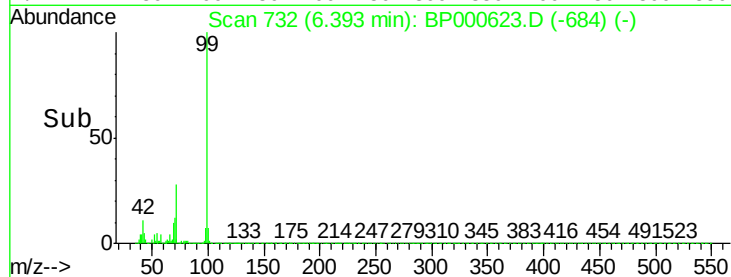
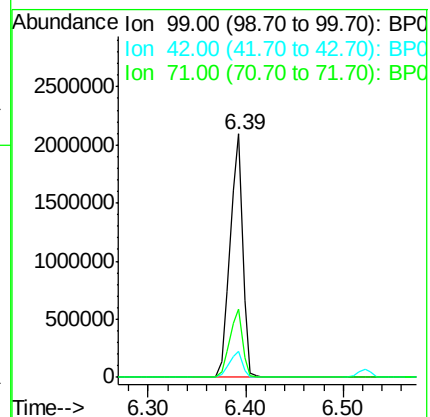
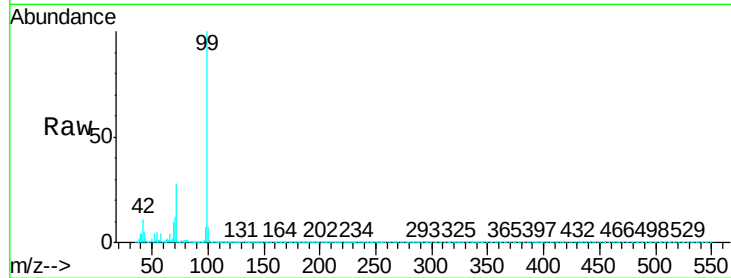
Tgt Ion: 99 Resp: 1887019

Ion Ratio Lower Upper

99 100

42 10.6 8.6 12.8

71 28.3 23.0 34.4



#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

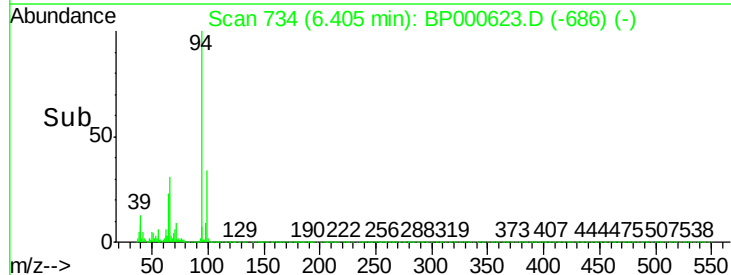
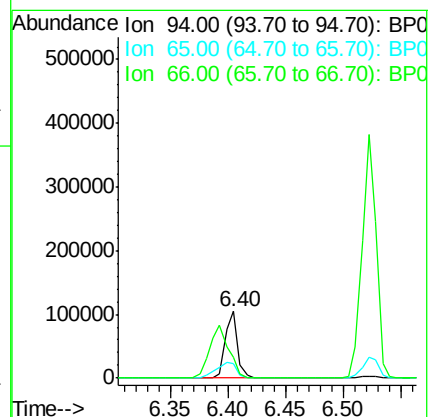
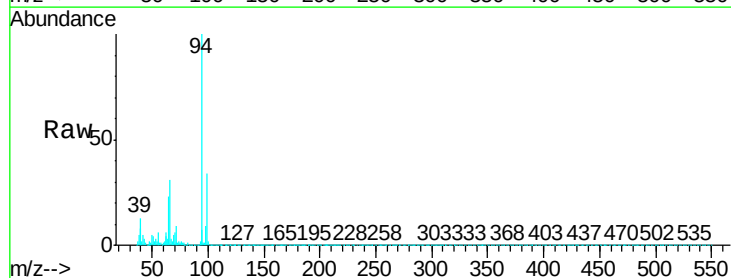
Tgt Ion: 94 Resp: 77572

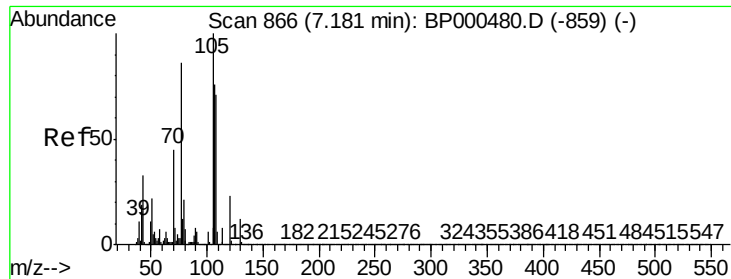
Ion Ratio Lower Upper

94 100

65 22.8 5.9 45.9

66 30.6 18.8 58.8

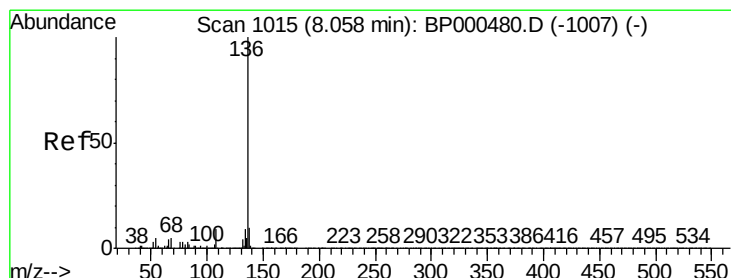
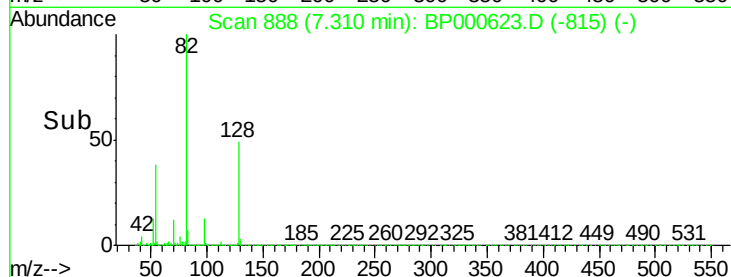
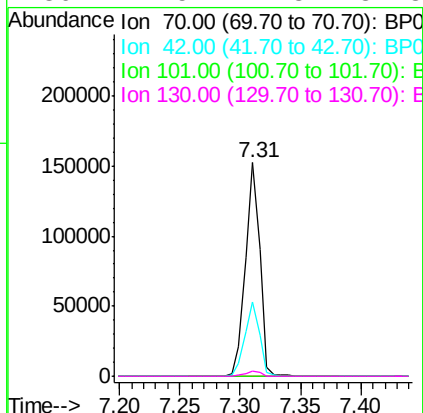
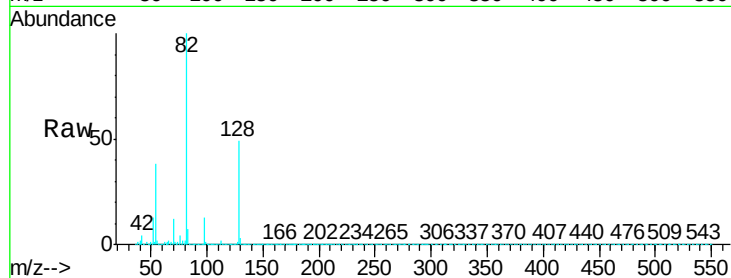




#19
n-Nitroso-di-n-propylamine
Concen: 13.360 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

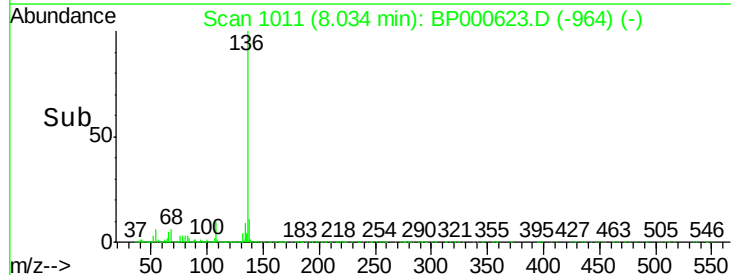
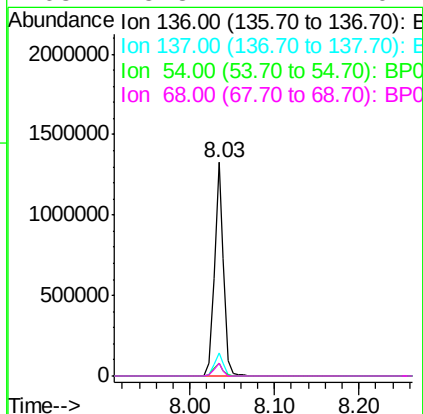
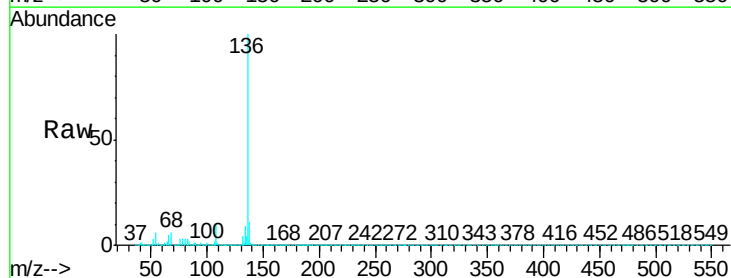
Instrument :
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TP-18A-D

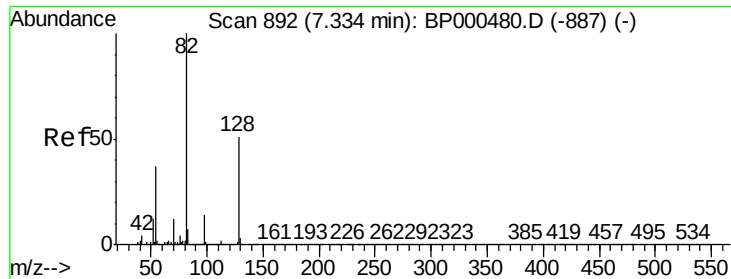
Tgt Ion: 70 Resp: 127233
Ion Ratio Lower Upper
70 100
42 34.9 33.2 49.8
101 0.0 9.9 14.9#
130 2.5 21.8 32.8#



#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

Tgt 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

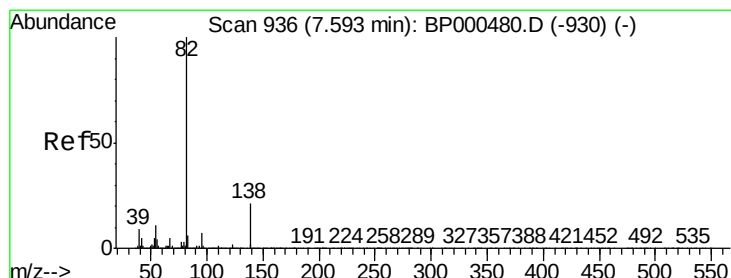
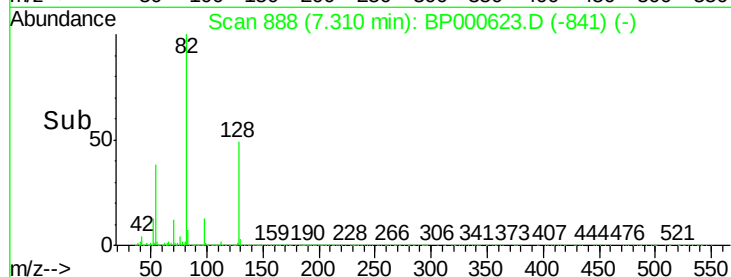
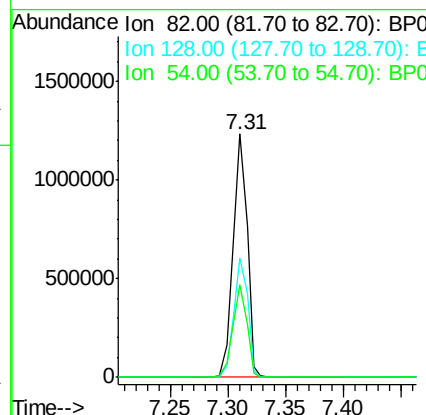
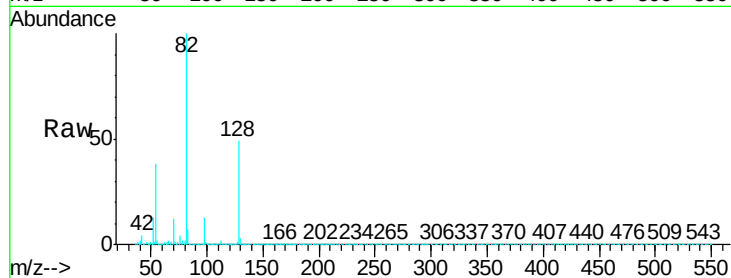




#23
 Nitrobenzene-d5
 Concen: 62.583 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000623.D
 Acq: 10 Oct 2019 18:04

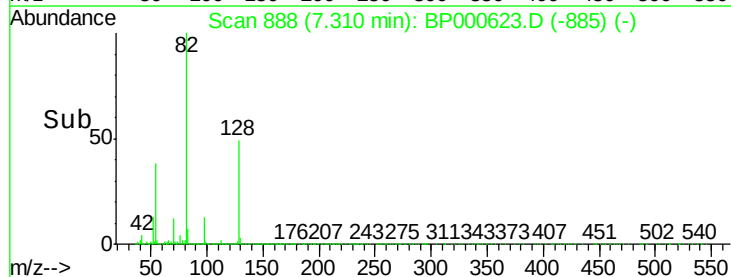
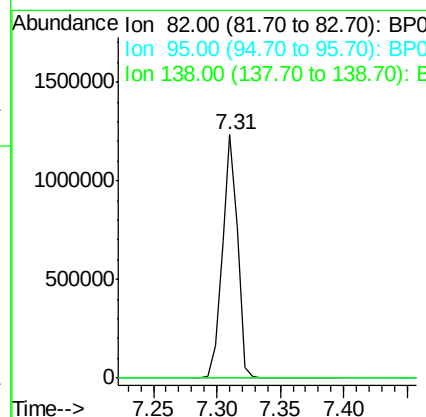
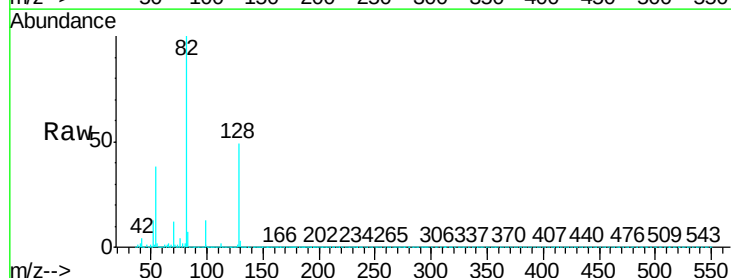
Instrument :
 BNA_P
 ClientSampleId :
 TP-18A-D

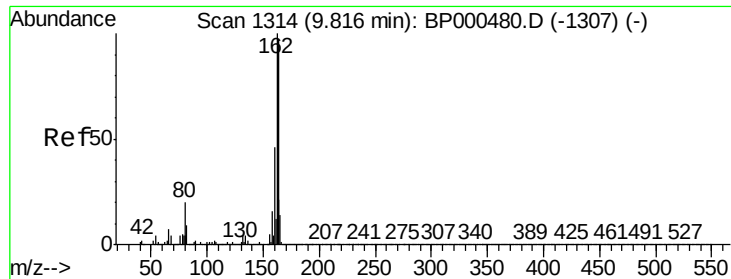
Tgt Ion: 82 Resp: 1041280
 Ion Ratio Lower Upper
 82 100
 128 49.1 40.9 61.3
 54 38.2 29.4 44.2



#25
 Isophorone
 Concen: 35.251 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000623.D
 Acq: 10 Oct 2019 18:04

Tgt Ion: 82 Resp: 1040947
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#





#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

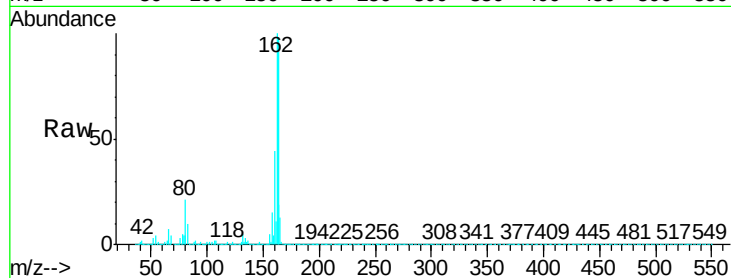
Tgt Ion:164 Resp: 568459

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

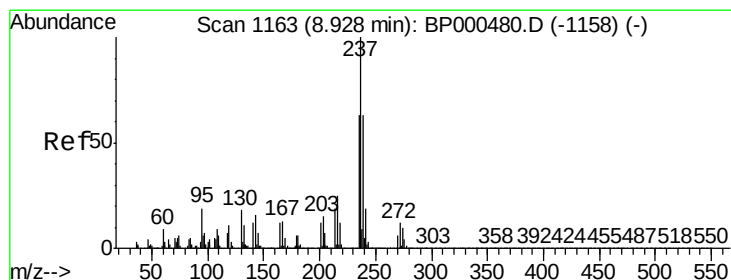
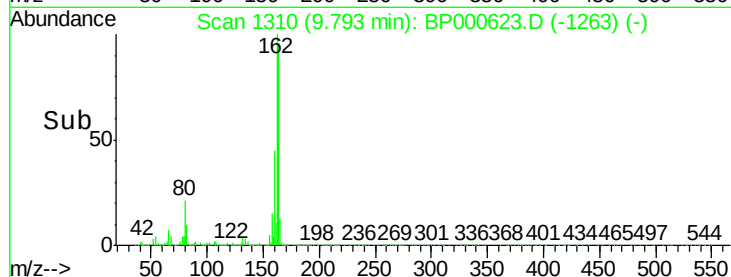
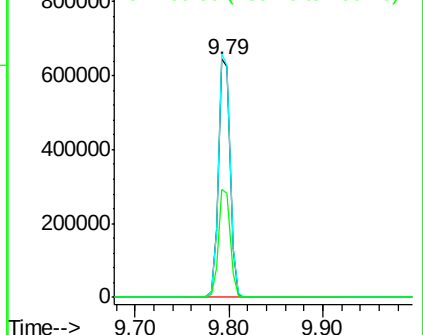
160 45.5 37.6 56.4



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



#41

Hexachlorocyclopentadiene

Concen: 7.299 ng

RT: 9.08 min Scan# 1188

Delta R.T. 0.15 min

Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

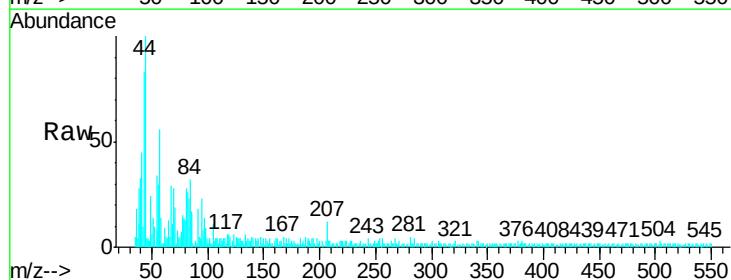
Tgt Ion:237 Resp: 12

Ion Ratio Lower Upper

237 100

235 60.0 42.9 82.9

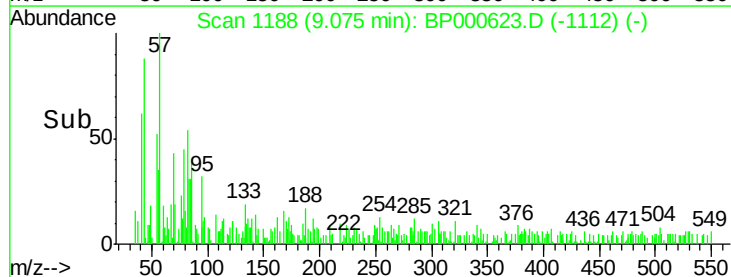
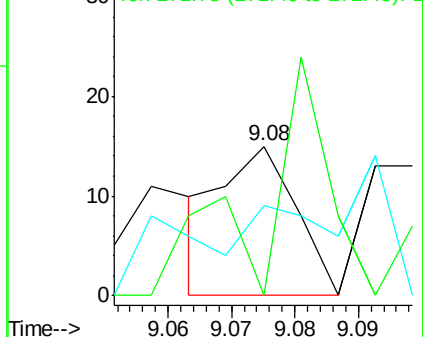
272 0.0 0.0 32.4

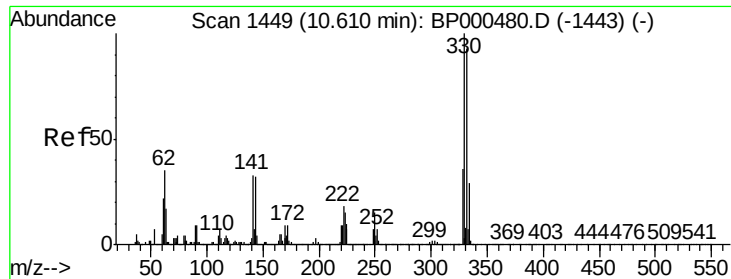


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

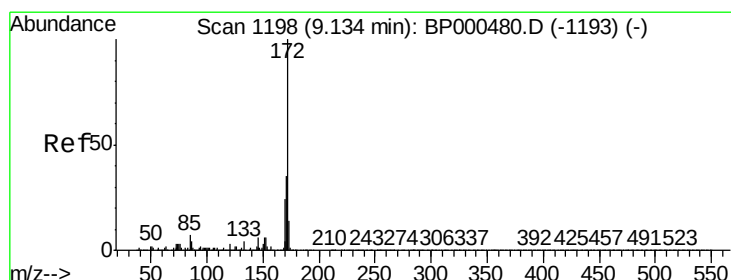
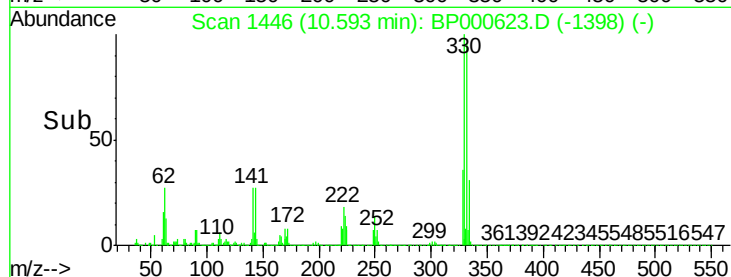
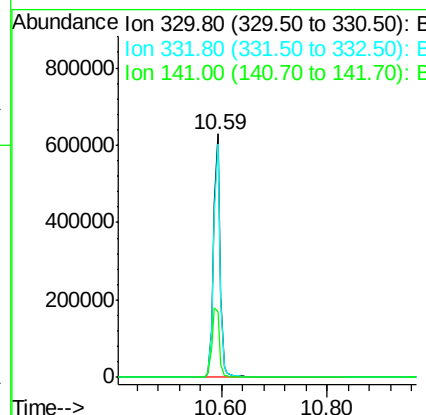
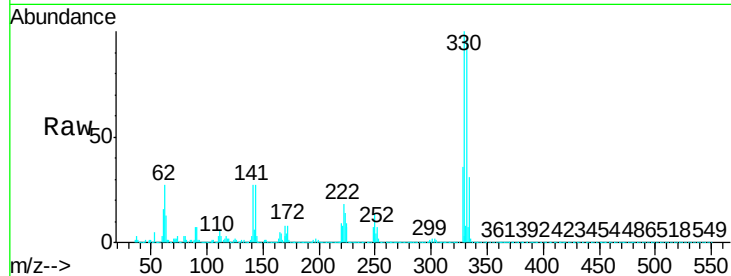




#42
 2,4,6-Tribromophenol
 Concen: 87.956 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000623.D
 Acq: 10 Oct 2019 18:04

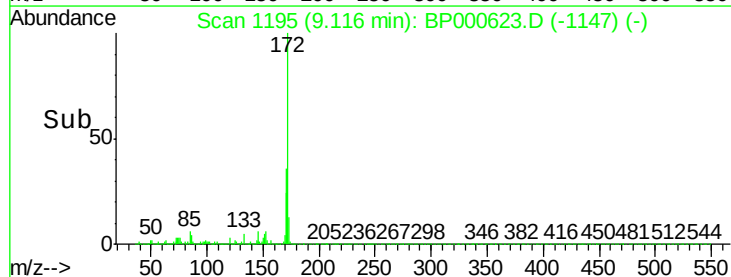
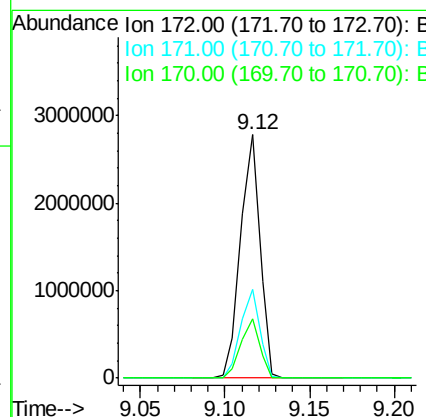
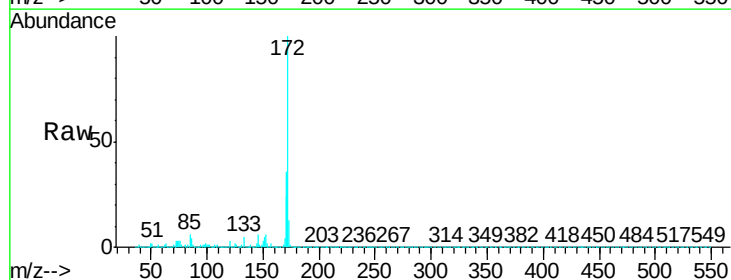
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 TP-18A-D

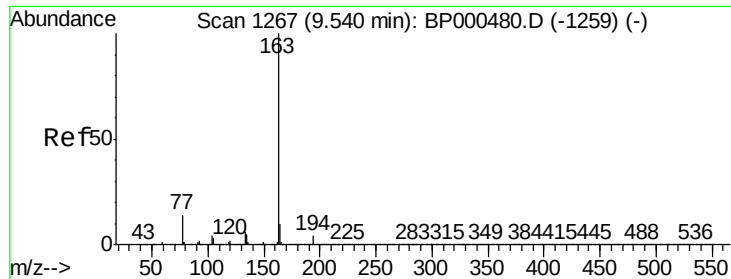
Tgt Ion: 330 Resp: 532800
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 32.6 26.0 39.0



#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

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

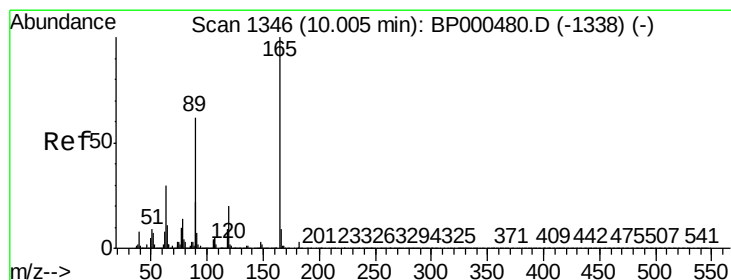
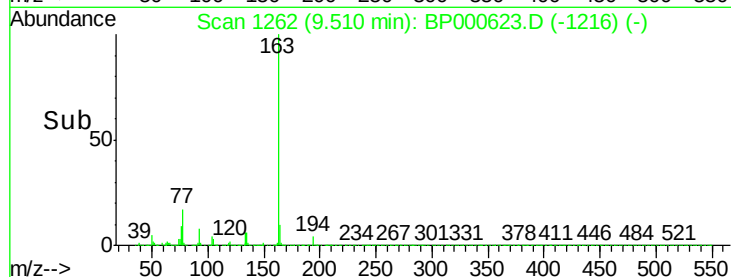
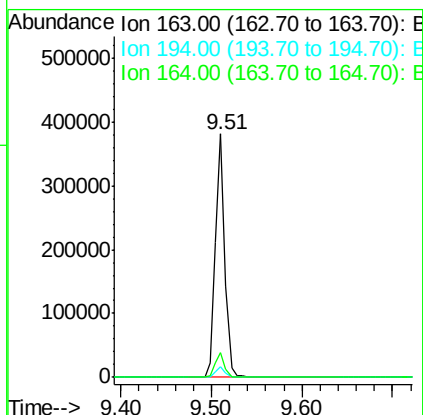
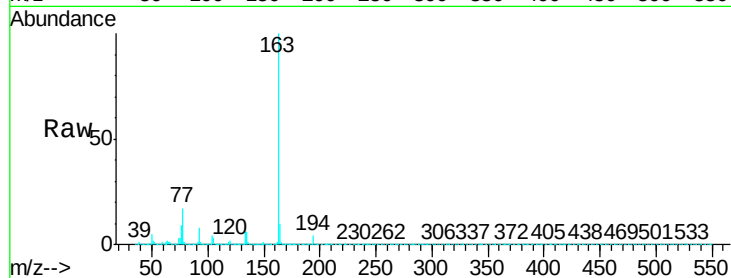




#50
Dimethylphthalate
Concen: 6.989 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

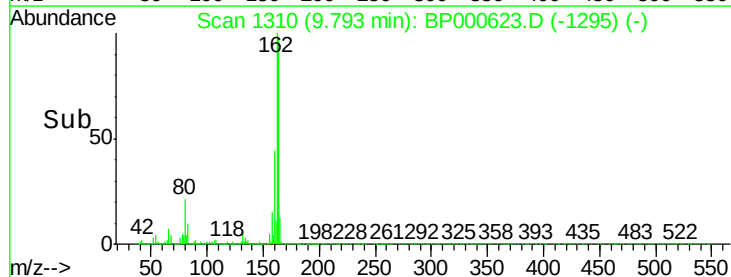
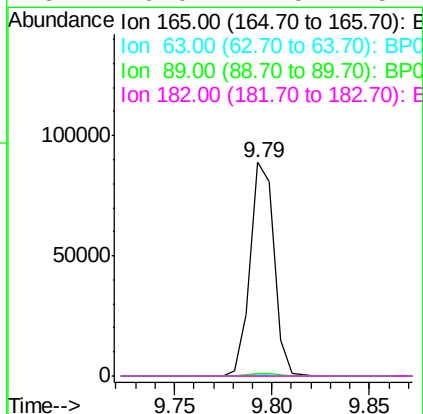
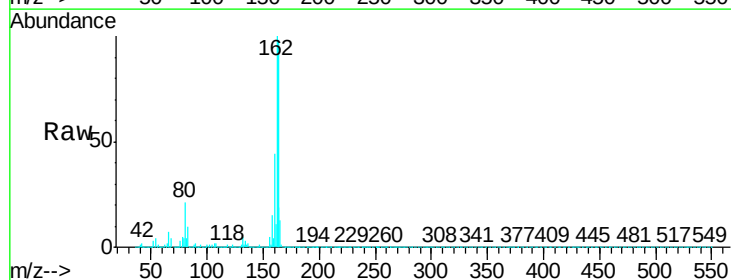
Instrument :
BNA_P
ClientSampleId :
TP-18A-D

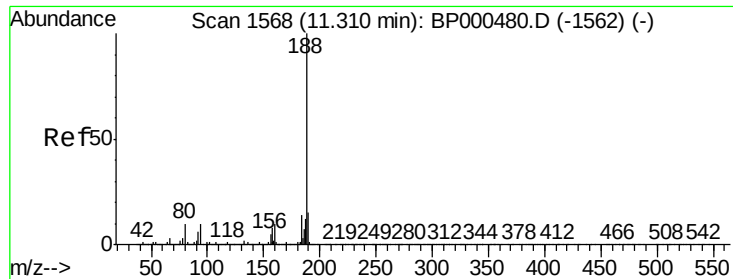
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.590 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	24.2	36.4#
89	1.2	49.4	74.0#
182	0.0	2.5	3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

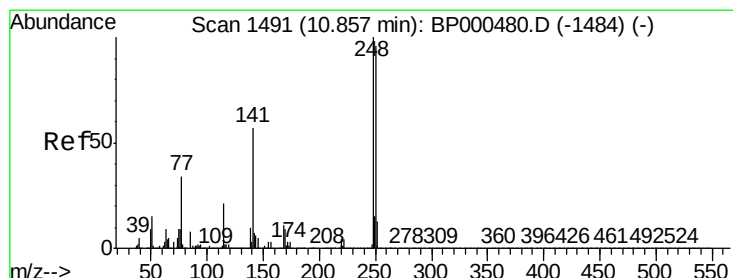
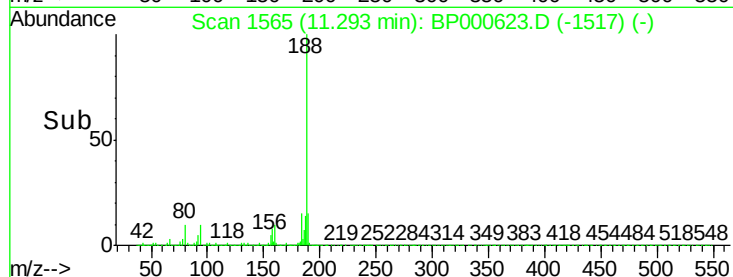
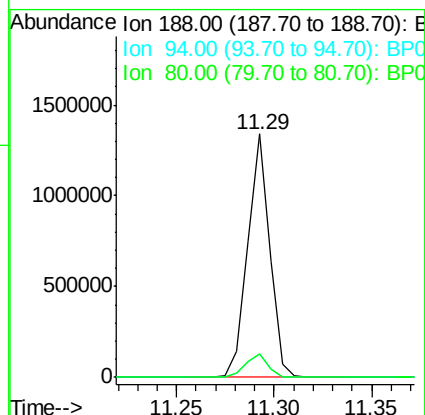
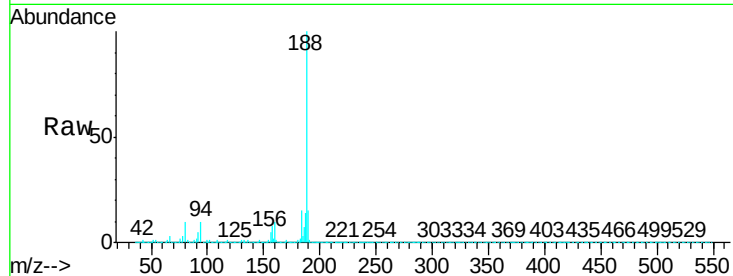
Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

Instrument :
BNA_P
ClientSampleId :
TP-18A-D

Tgt Ion:188 Resp: 1044700

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	9.8	8.3	12.5



#67

4-Bromophenyl-phenylether

Concen: 3.176 ng

RT: 10.59 min Scan# 1446

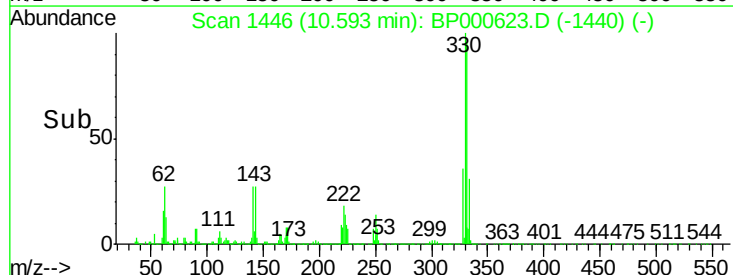
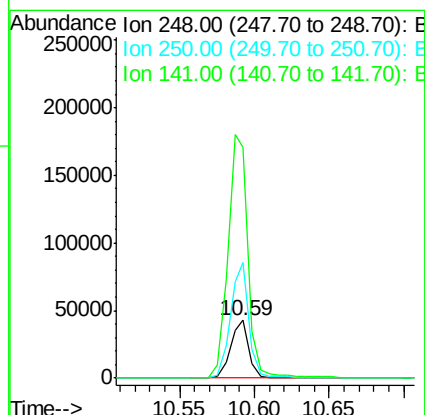
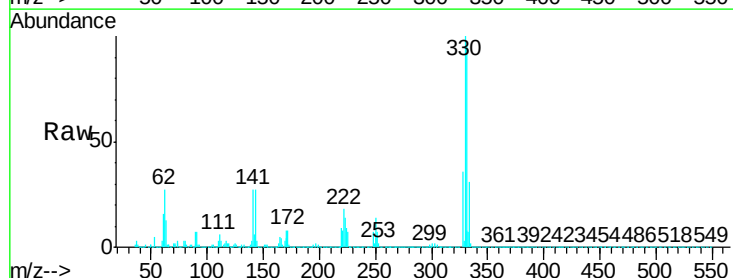
Delta R.T. -0.26 min

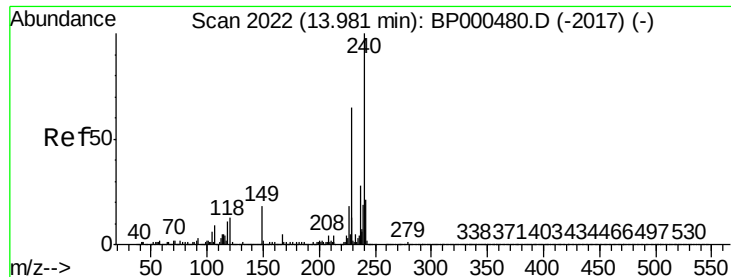
Lab File: BP000623.D

Acq: 10 Oct 2019 18:04

Tgt Ion:248 Resp: 37349

Ion	Ratio	Lower	Upper
248	100		
250	200.9	77.2	115.8#
141	400.0	45.3	67.9#





#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

Instrument :

BNA_P

ClientSampleId :

TP-18A-D

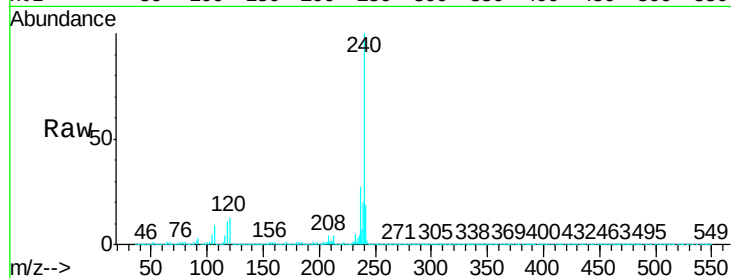
Tgt Ion:240 Resp: 876860

Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

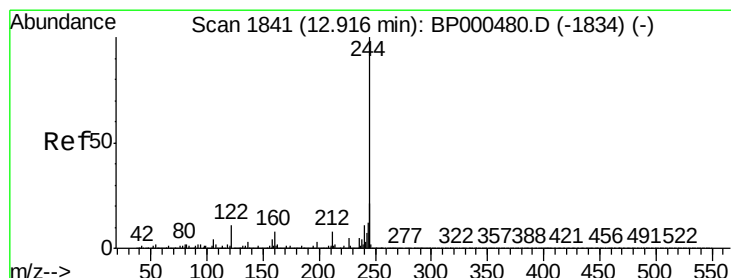
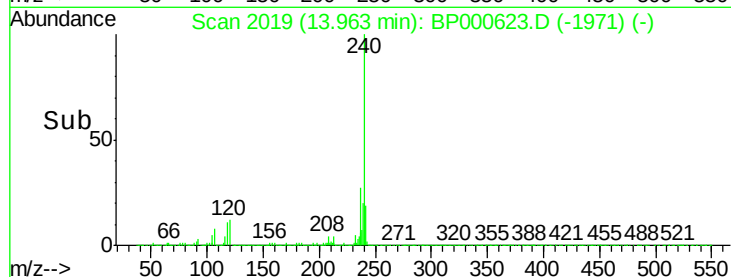
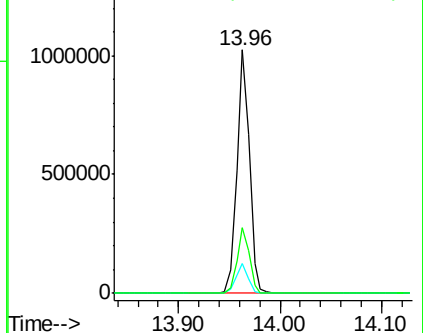
236 27.0 22.7 34.1



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: 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

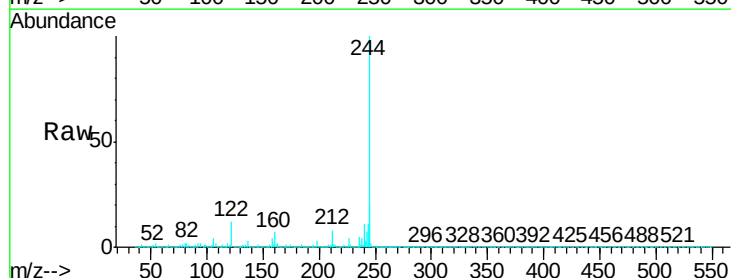
Tgt Ion:244 Resp: 2629178

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

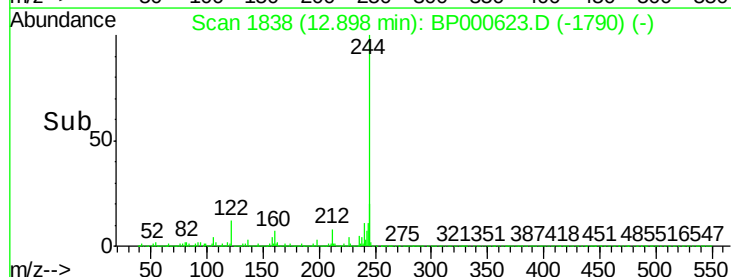
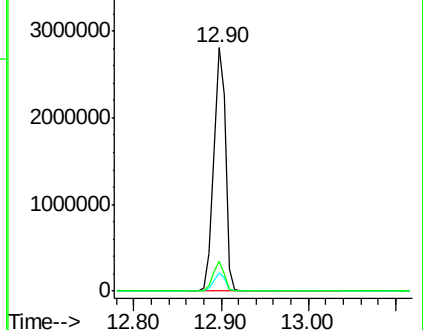
122 12.0 8.9 13.3

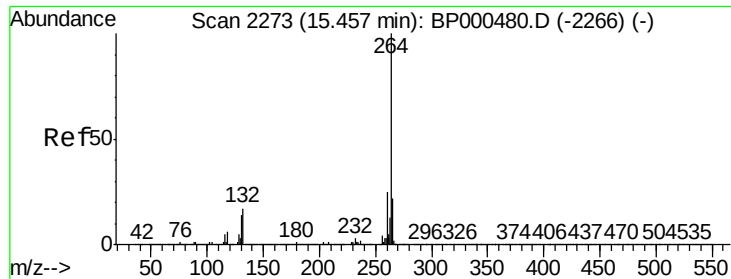


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

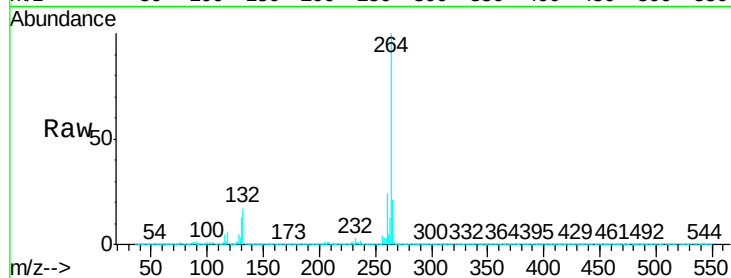




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000623.D
Acq: 10 Oct 2019 18:04

Instrument :
BNA_P
ClientSampleId :
TP-18A-D

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



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

