

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000641.D
 Acq On : 11 Oct 2019 19:10
 Operator : JU
 Sample : K5298-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:09:56 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

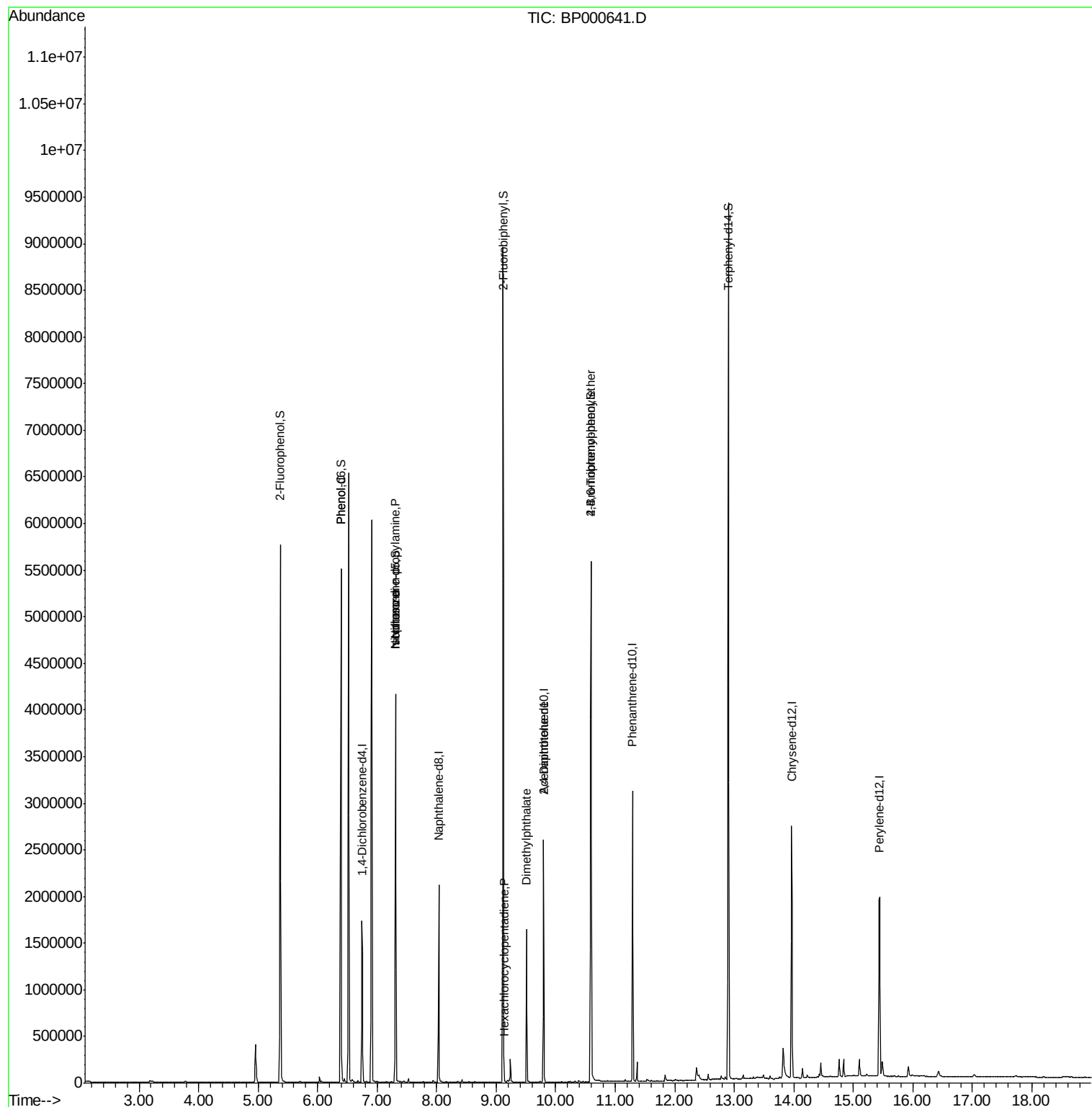
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	263194	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	957571	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	541503	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1016033	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	832346	20.00	ng	-0.02
87) Perylene-d12	15.44	264	890430	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1909080	116.60	ng	-0.02
7) Phenol-d6	6.39	99	2445882	123.96	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1380476	88.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	727720	126.11	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2858831	85.42	ng	-0.02
79) Terphenyl-d14	12.90	244	3390774	82.48	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	86736	4.294	ng	84
19) n-Nitroso-di-n-propylamine	7.31	70	170596	18.758	ng	# 73
25) Isophorone	7.31	82	1379732	49.584	ng	# 61
41) Hexachlorocyclopentadiene	9.15	237	17	7.299	ng	89
50) Dimethylphthalate	9.51	163	591523	15.721	ng	100
57) 2,4-Dinitrotoluene	9.80	165	71420	6.565	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	49854	4.359	ng	# 1

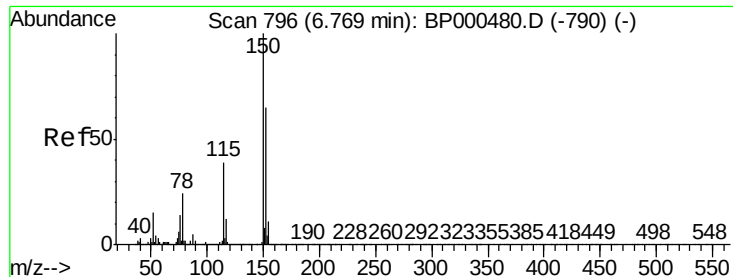
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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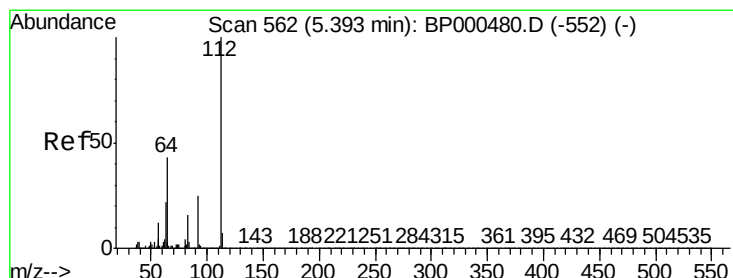
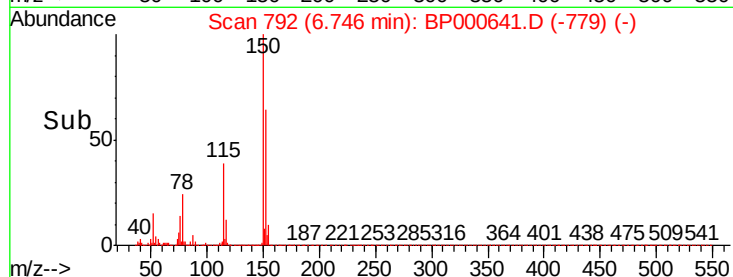
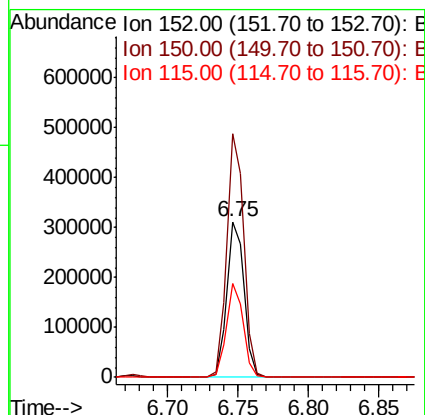
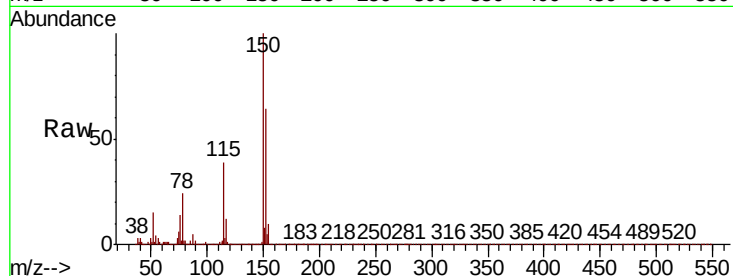


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

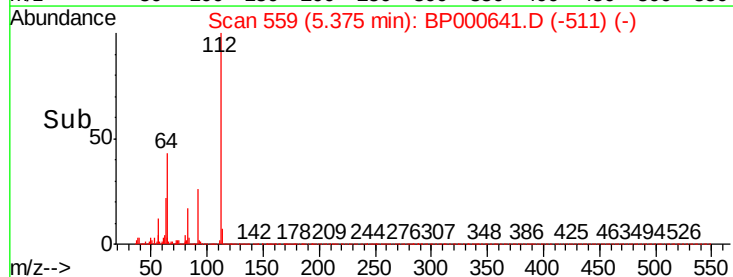
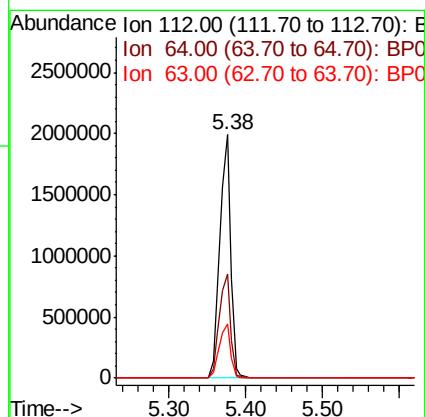
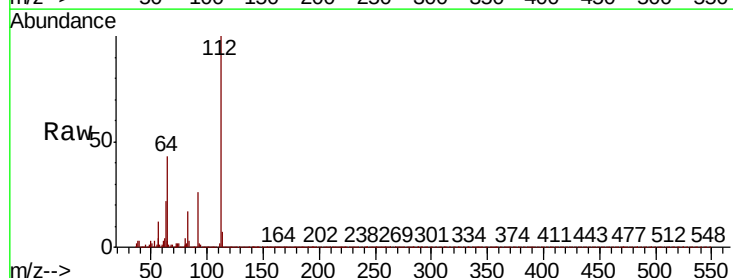
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.1	186.1
115	60.4	48.7	73.1

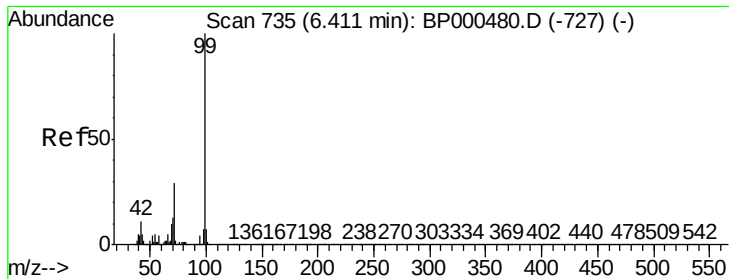


#5

2-Fluorophenol
Concen: 116.596 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	34.2	51.4
63	22.2	17.9	26.9





#7

Phenol-d6

Concen: 123.963 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000641.D

Acq: 11 Oct 2019 19:10

Instrument :

BNA_P

ClientSampled :

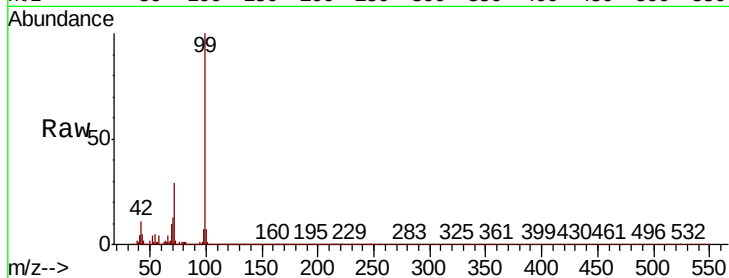
Tot Ion: 99 Resp: 2445882

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

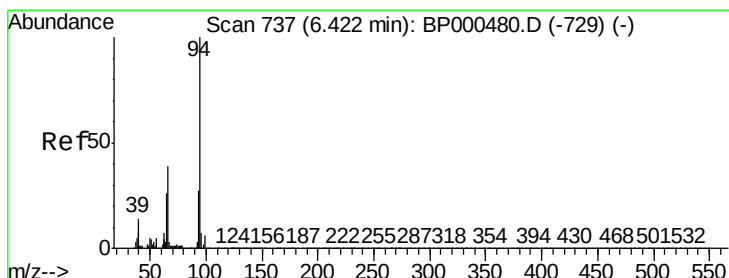
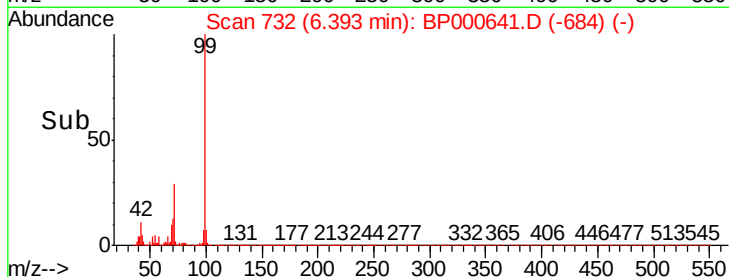
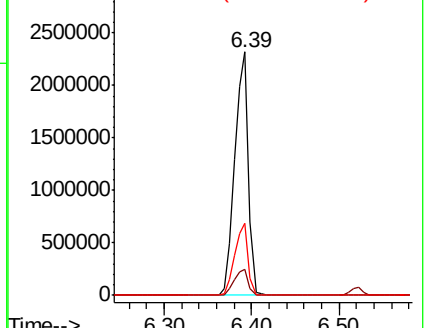
71 29.5 23.0 34.4



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



#10

Phenol

Concen: 4.294 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000641.D

Acq: 11 Oct 2019 19:10

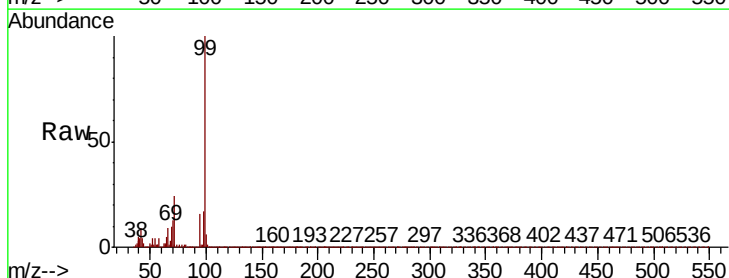
Tgt Ion: 94 Resp: 86736

Ion Ratio Lower Upper

94 100

65 28.7 5.9 45.9

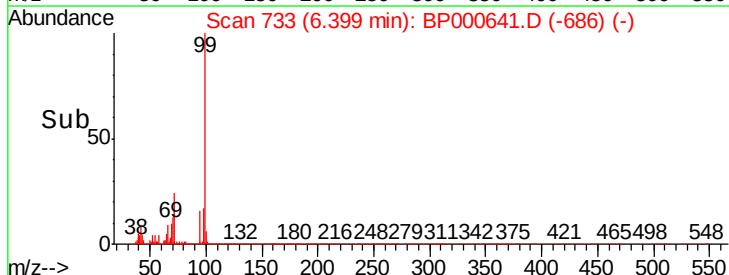
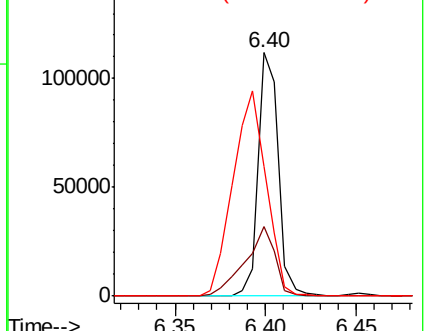
66 53.1 18.8 58.8

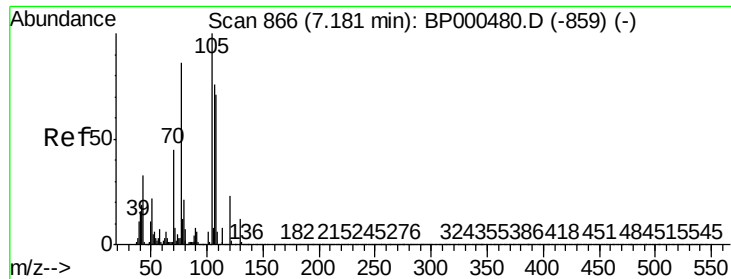


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

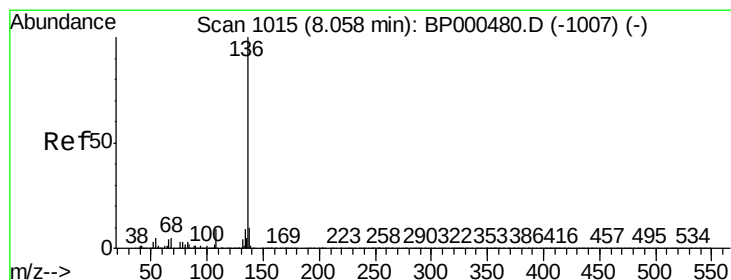
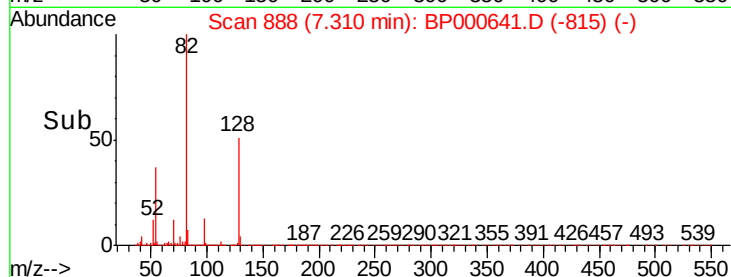
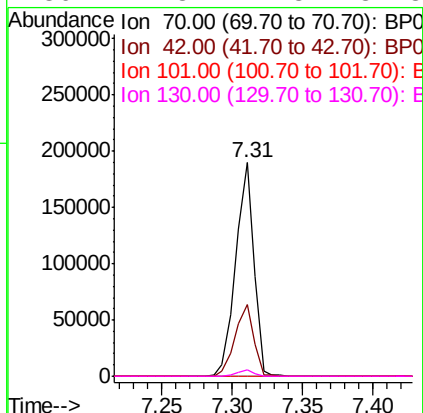
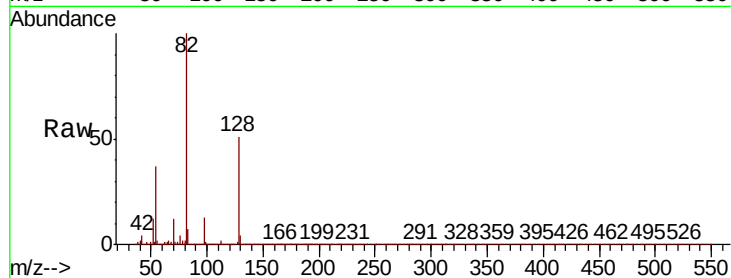




#19
n-Nitroso-di-n-propylamine
Concen: 18.758 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

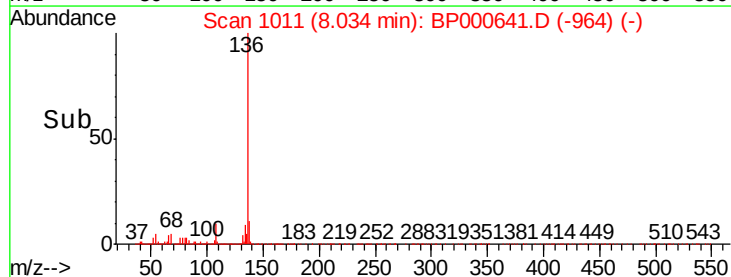
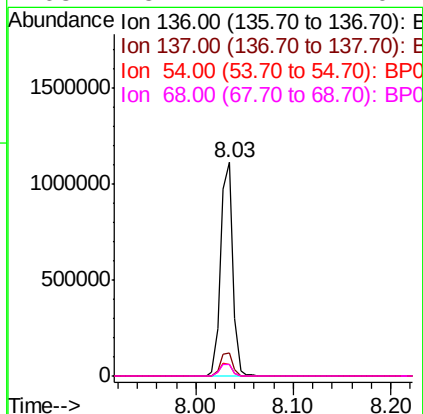
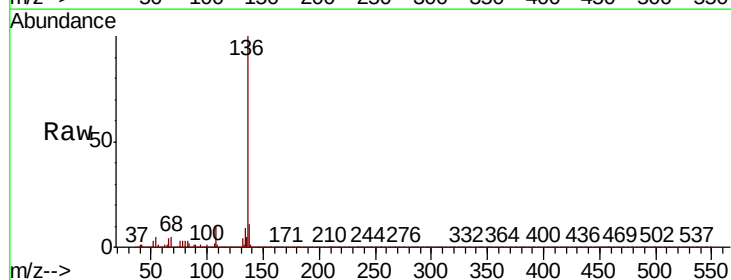
Instrument :
BNA_P
ClientSampled :

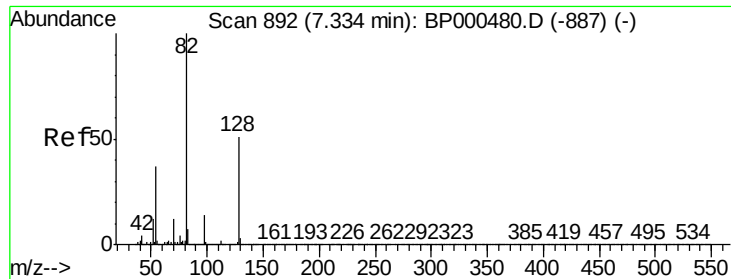
Tot Ion:	70	Resp:	170596
Ion	Ratio	Lower	Upper
70	100		
42	33.8	33.2	49.8
101	0.0	9.9	14.9#
130	2.8	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion:	136	Resp:	957571
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.3	4.1	6.1
68	5.4	4.1	6.1

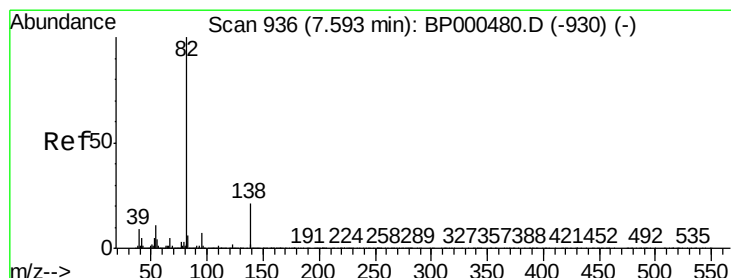
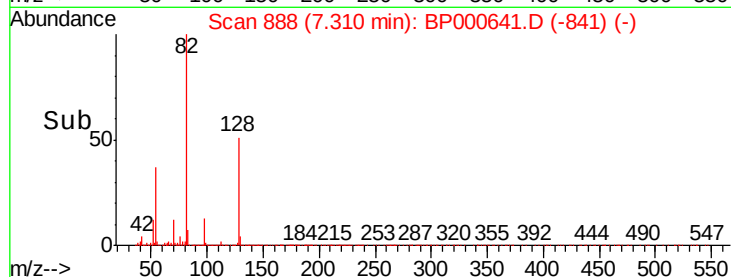
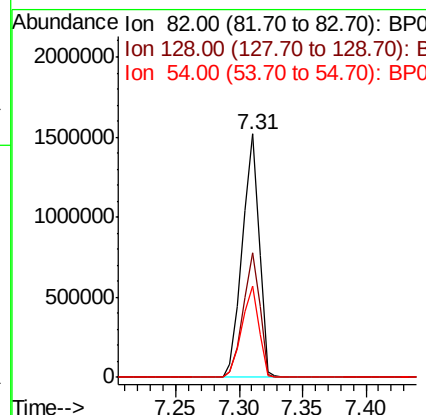
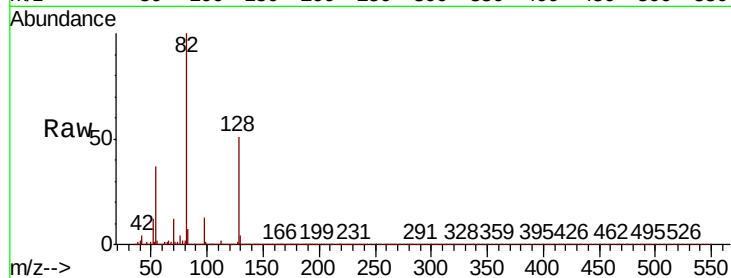




#23
Nitrobenzene-d5
Concen: 88.049 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

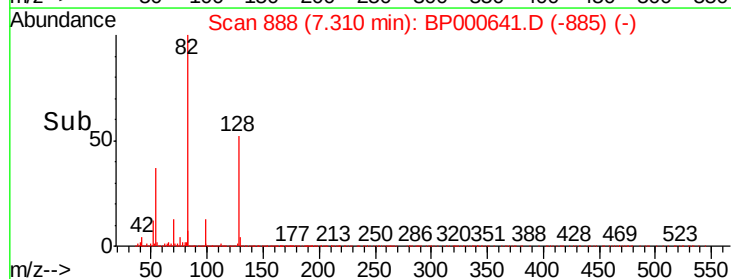
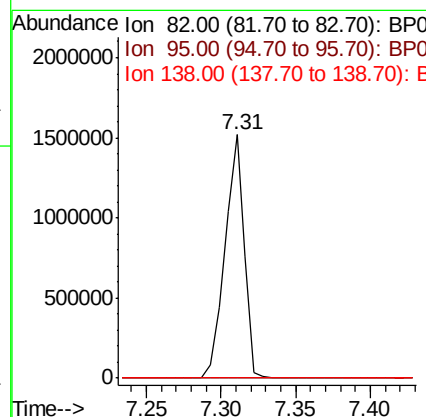
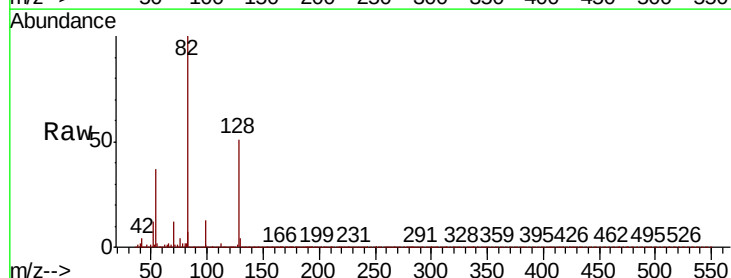
Instrument :
BNA_P
ClientSampleId :

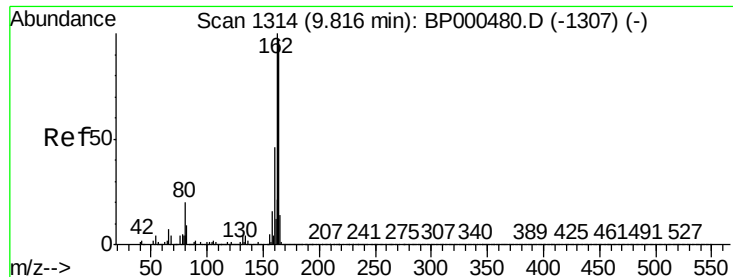
Tot Ion: 82 Resp: 1380476
Ion Ratio Lower Upper
82 100
128 51.1 40.9 61.3
54 37.4 29.4 44.2



#25
Isophorone
Concen: 49.584 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion: 82 Resp: 1379732
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

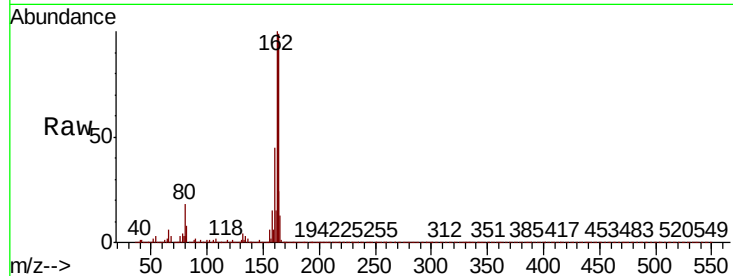




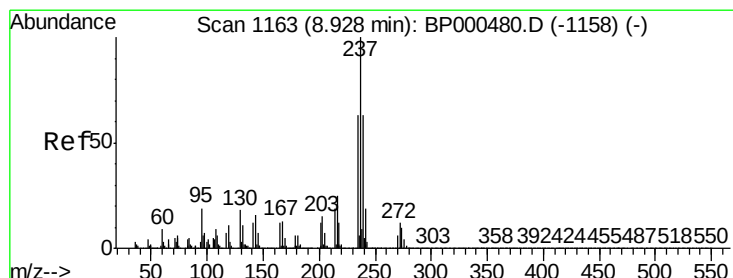
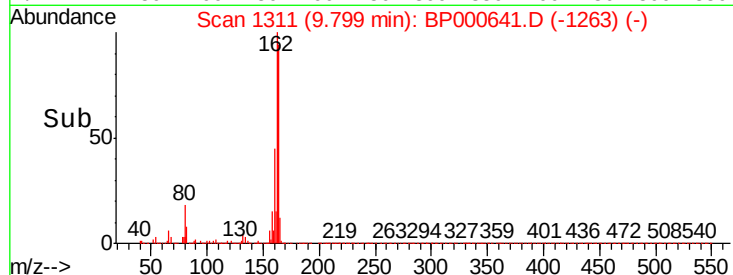
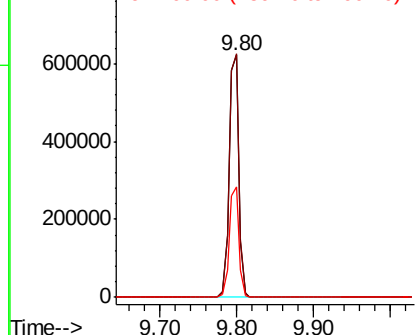
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:164 Resp: 541503
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 45.5 37.6 56.4

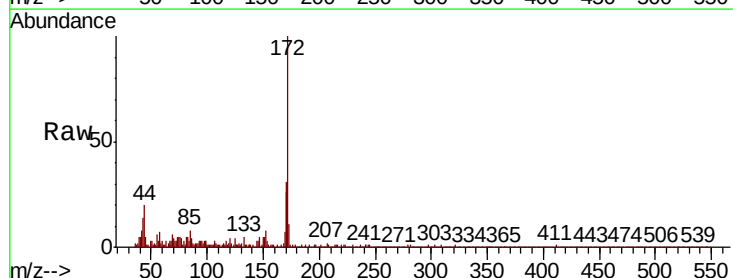


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

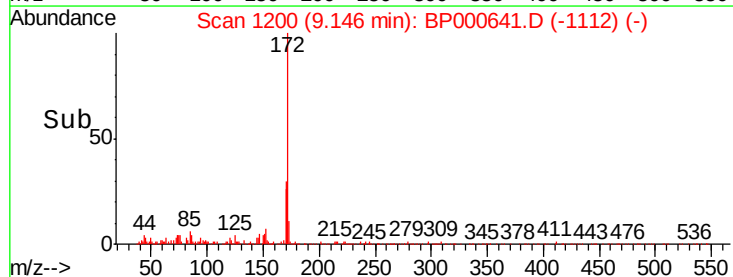
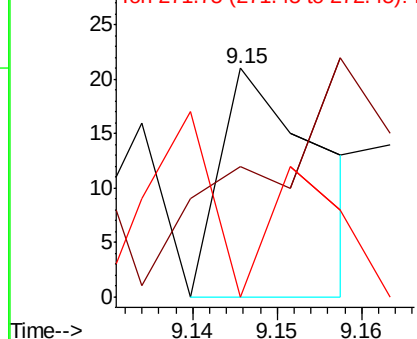


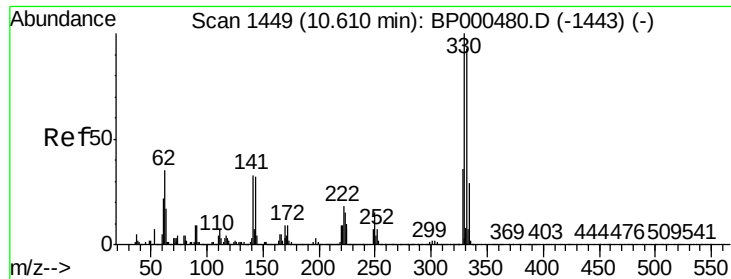
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.22 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 57.1 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

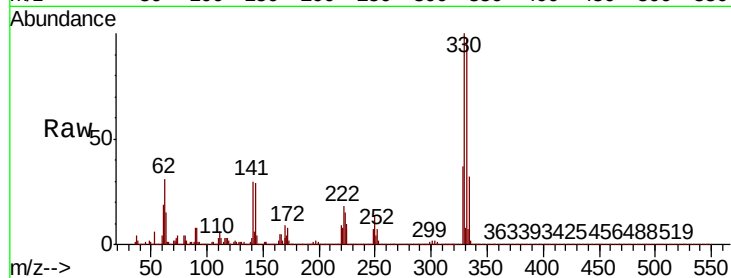




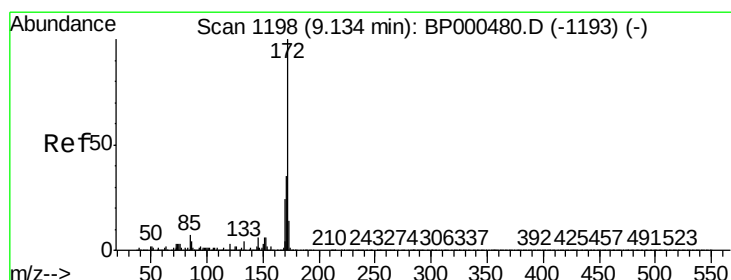
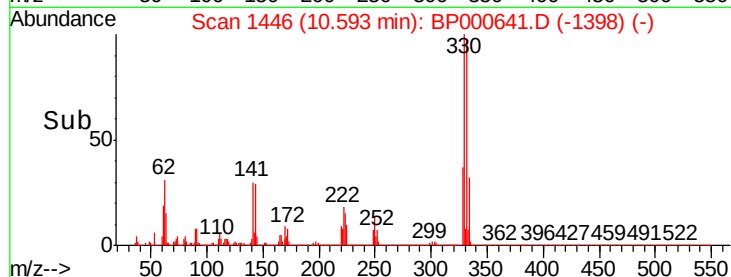
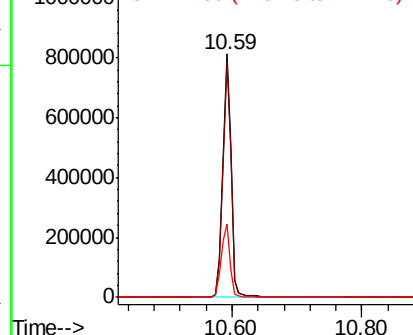
#42
2,4,6-Tribromophenol
Concen: 126.114 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampled :

Tot Ion:330 Resp: 727720
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.3 26.0 39.0

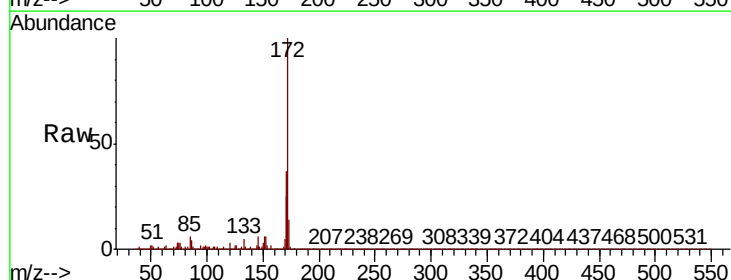


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

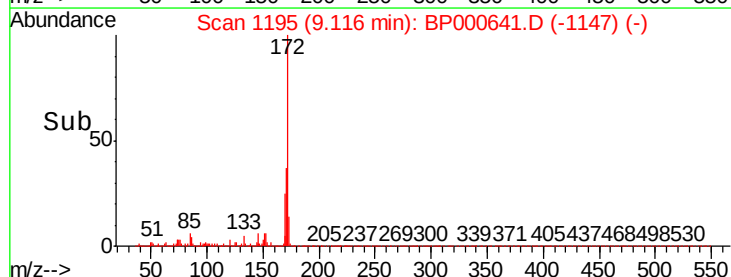
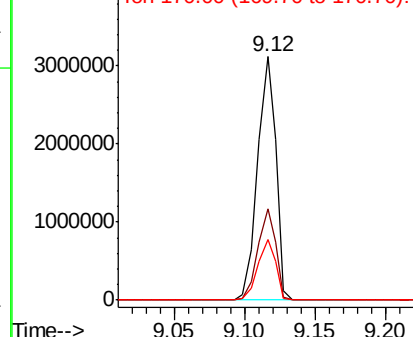


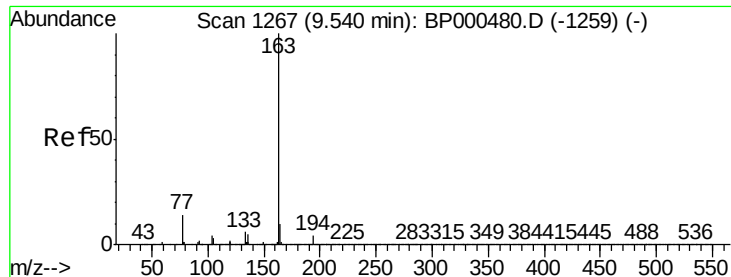
#45
2-Fluorobiphenyl
Concen: 85.421 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion:172 Resp: 2858831
Ion Ratio Lower Upper
172 100
171 37.3 28.4 42.6
170 24.8 19.1 28.7



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

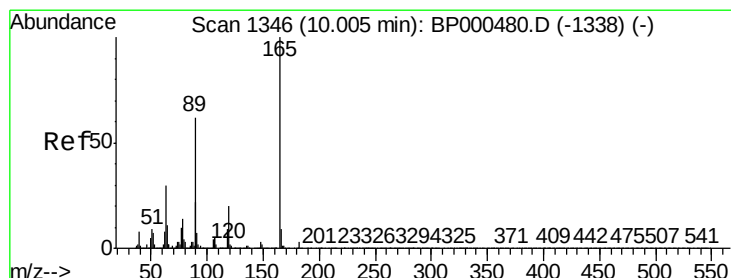
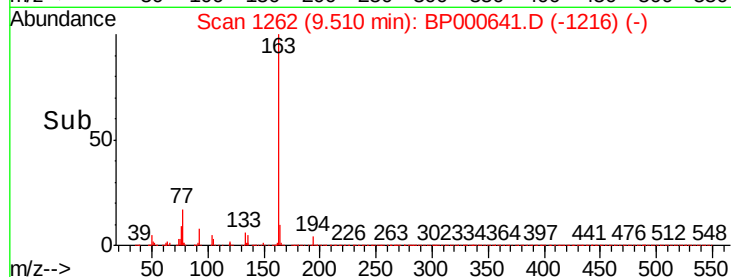
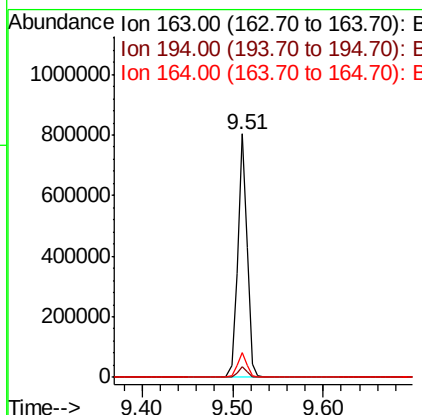
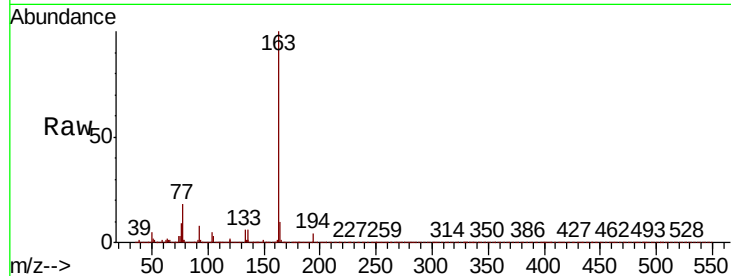




#50
Dimethylphthalate
Concen: 15.721 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

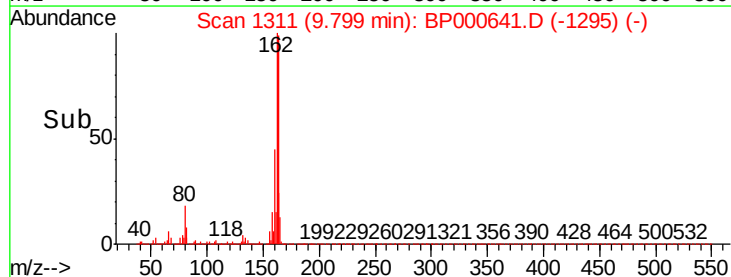
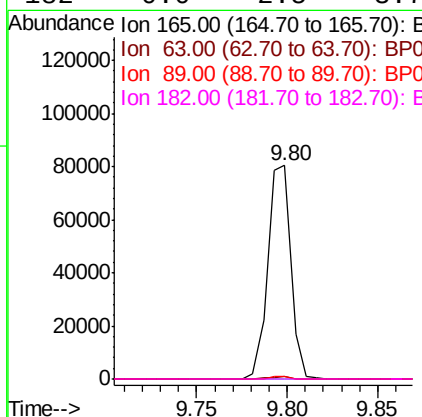
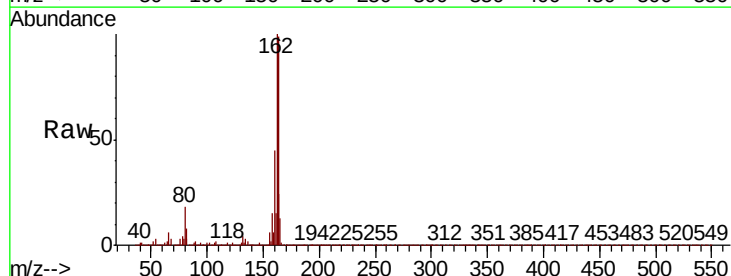
Instrument :
BNA_P
ClientSampleId :

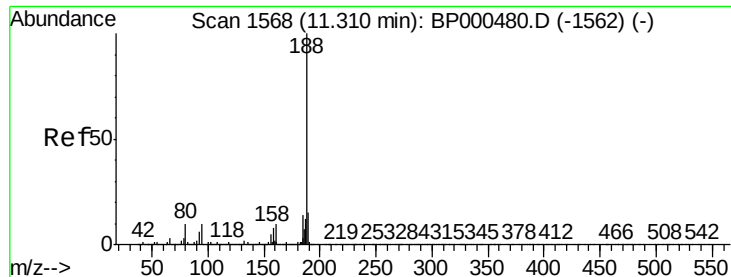
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.565 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	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: BP000641.D

Acq: 11 Oct 2019 19:10

Instrument :

BNA_P

ClientSampleId :

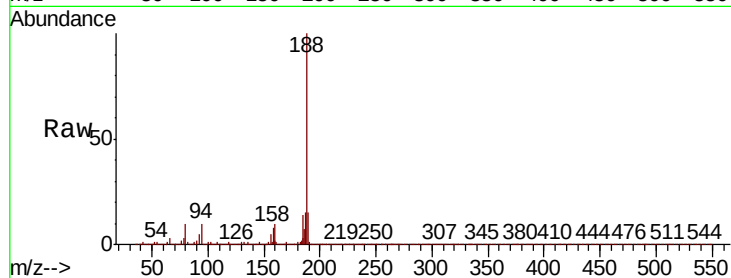
Tot Ion:188 Resp: 1016033

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

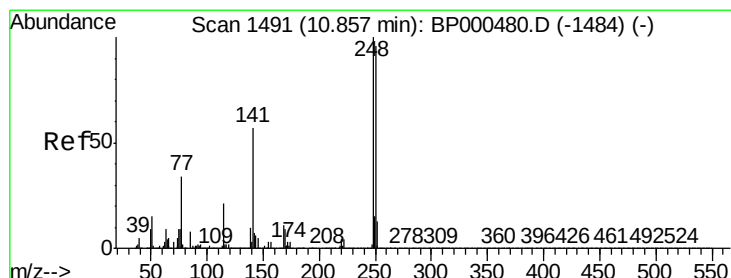
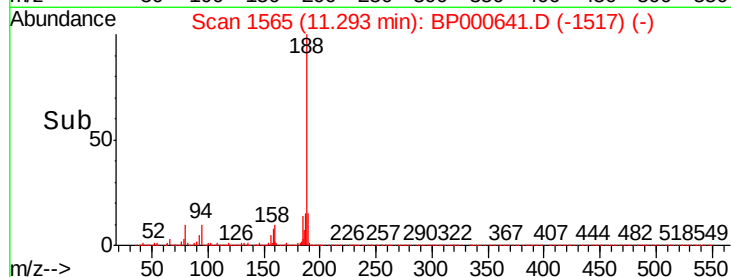
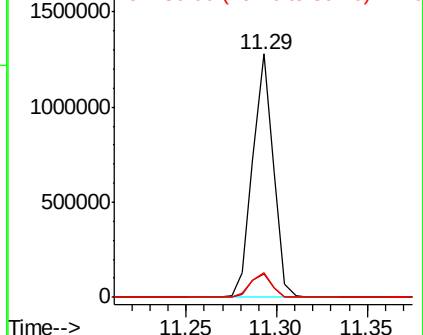
80 10.0 8.3 12.5



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



#67

4-Bromophenyl-phenylether

Concen: 4.359 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000641.D

Acq: 11 Oct 2019 19:10

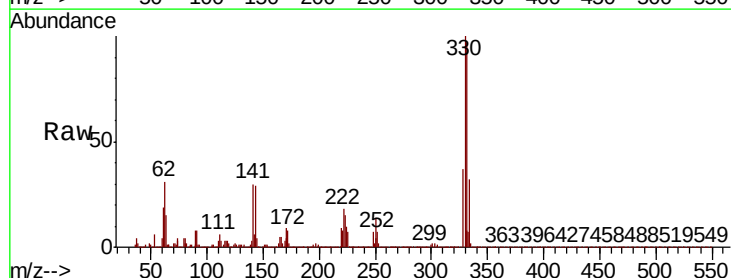
Tgt Ion:248 Resp: 49854

Ion Ratio Lower Upper

248 100

250 206.1 77.2 115.8#

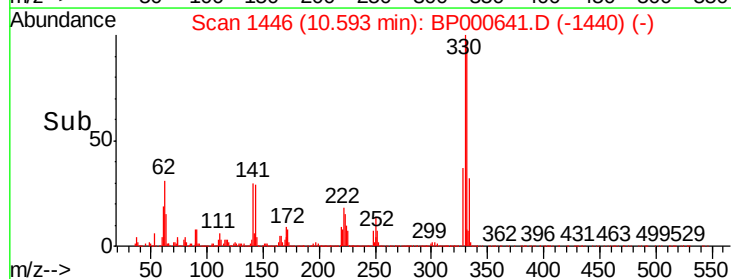
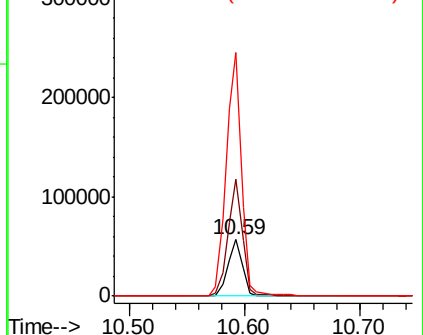
141 430.8 45.3 67.9#

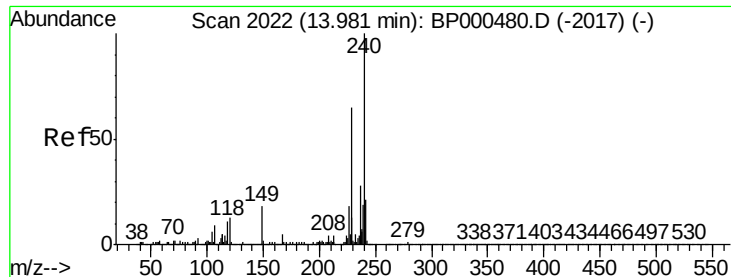


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000641.D

Acq: 11 Oct 2019 19:10

Instrument :

BNA_P

ClientSampleId :

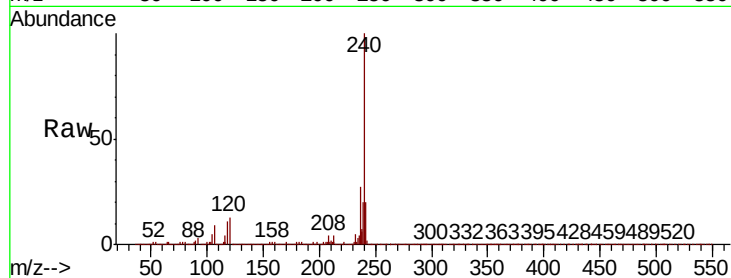
Tot Ion:240 Resp: 832346

Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

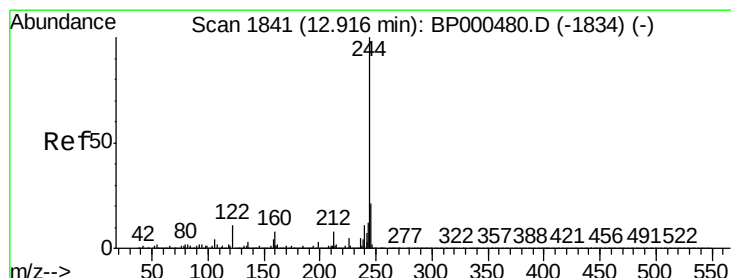
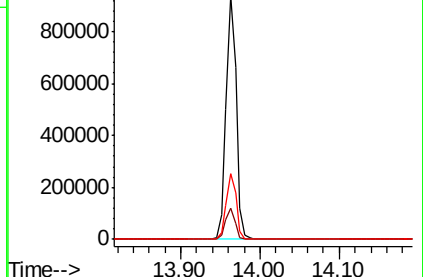
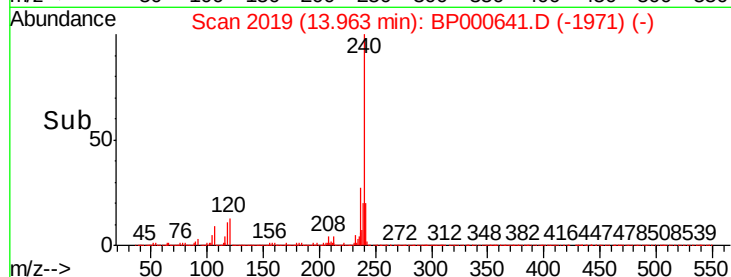
236 26.8 22.7 34.1



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: 82.482 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000641.D

Acq: 11 Oct 2019 19:10

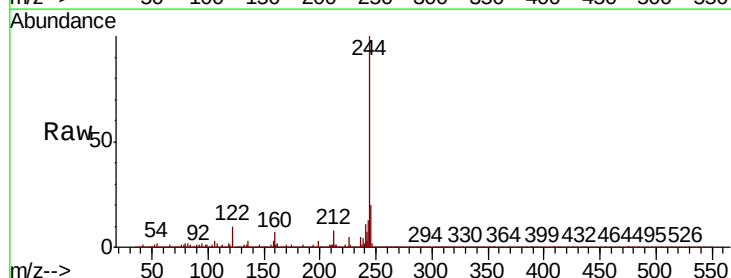
Tgt Ion:244 Resp: 3390774

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

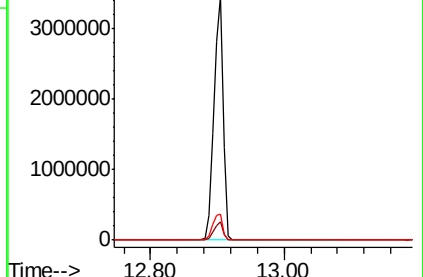
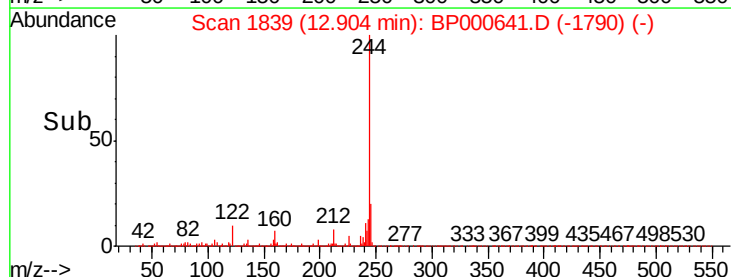
122 10.4 8.9 13.3

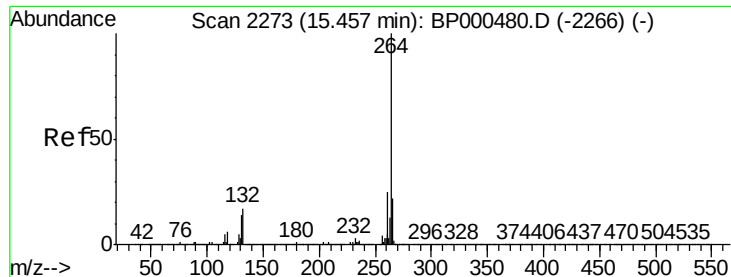


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

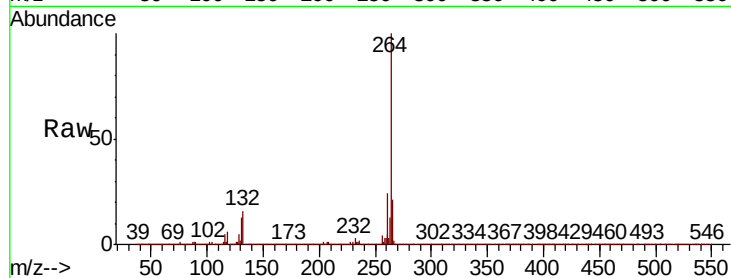




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	21.1	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

