

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000644.D
 Acq On : 11 Oct 2019 20:22
 Operator : JU
 Sample : K5298-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:10:59 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

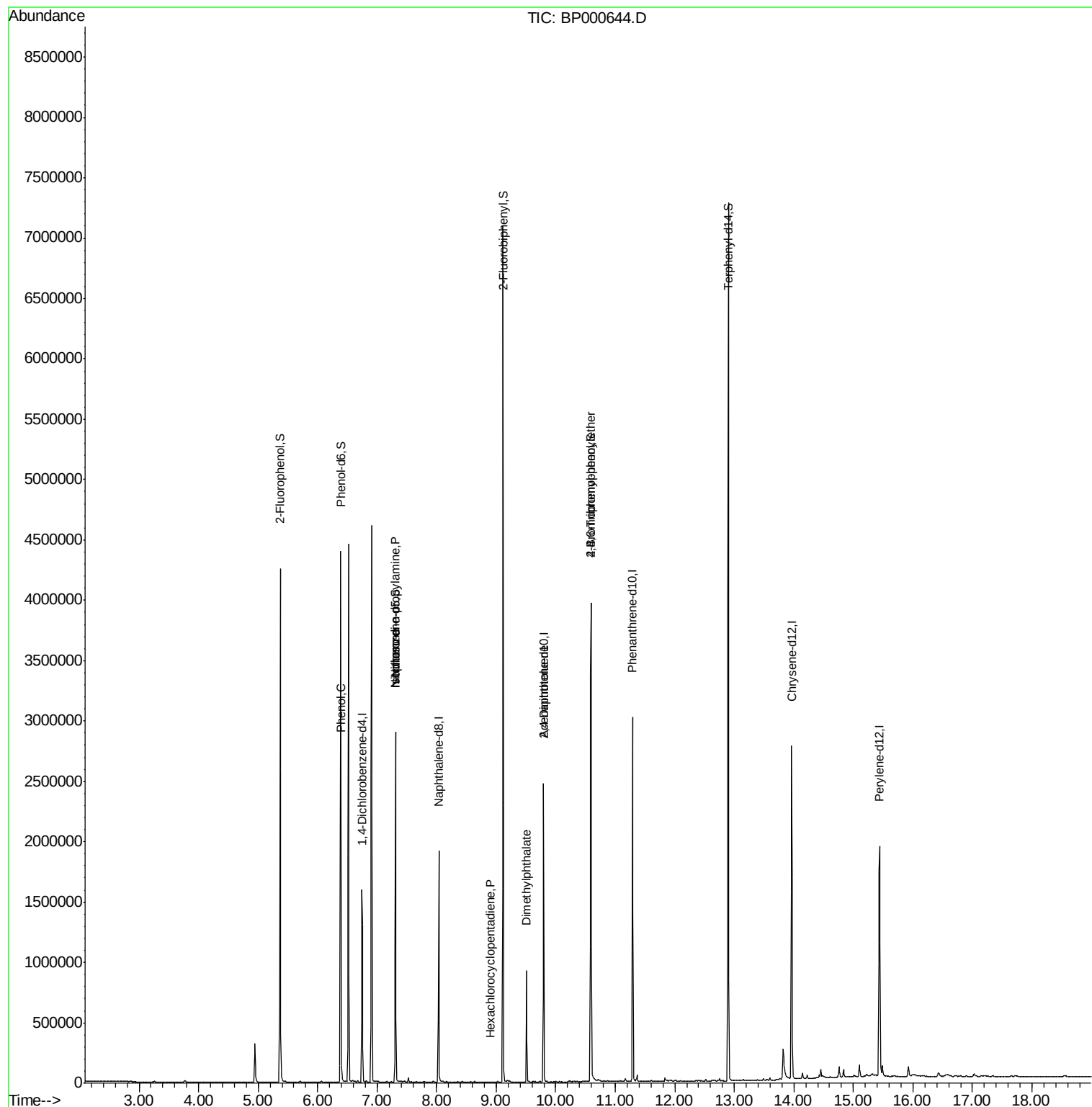
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	243396	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	909908	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	517865	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	982184	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	823586	20.00	ng	-0.02
87) Perylene-d12	15.44	264	864756	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1304415	86.15	ng	-0.02
7) Phenol-d6	6.39	99	1699178	93.12	ng	-0.02
23) Nitrobenzene-d5	7.31	82	947673	63.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	500662	90.72	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2092373	65.37	ng	-0.02
79) Terphenyl-d14	12.90	244	2580704	63.44	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	86928	4.653	ng	91
19) n-Nitroso-di-n-propylamine	7.31	70	115294	13.708	ng	# 73
25) Isophorone	7.31	82	947075	35.818	ng	# 61
41) Hexachlorocyclopentadiene	8.90	237	10	7.298	ng	76
50) Dimethylphthalate	9.51	163	330777	9.192	ng	100
57) 2,4-Dinitrotoluene	9.79	165	68109	6.546	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	34566	3.126	ng	# 1

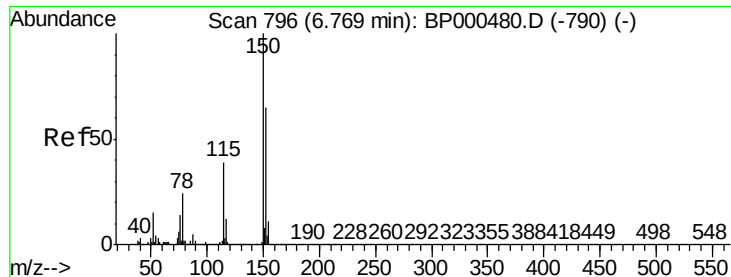
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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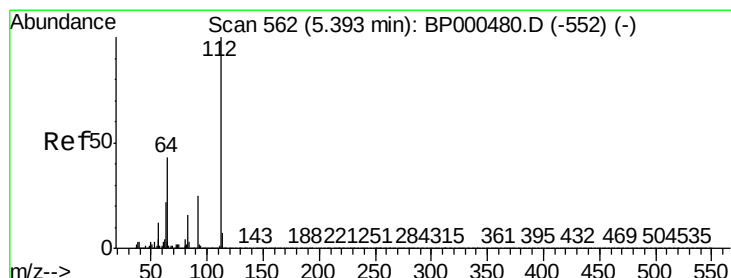
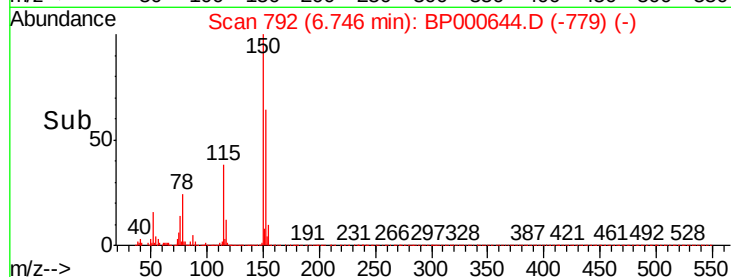
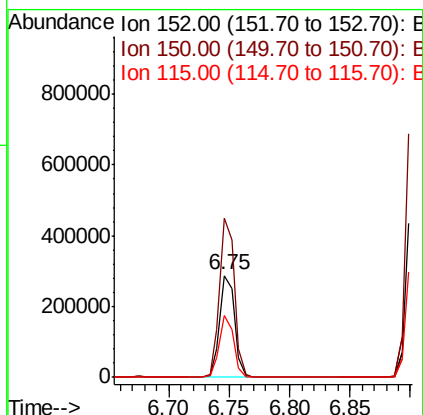
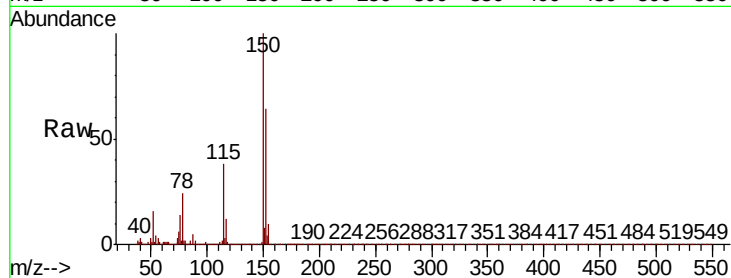


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

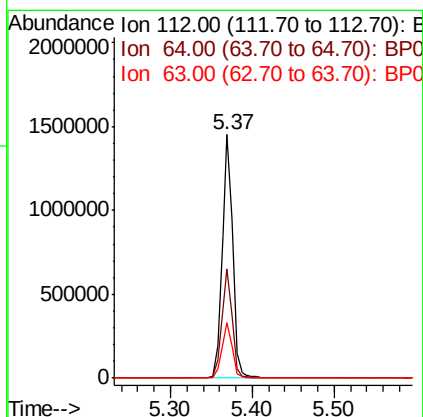
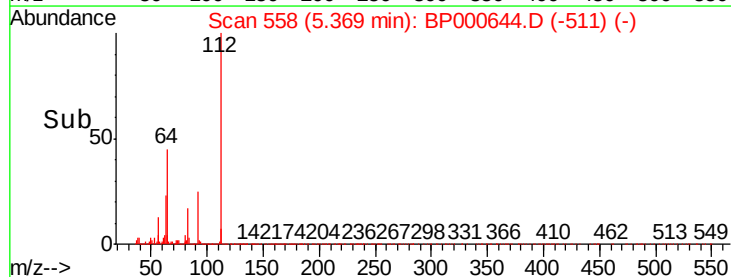
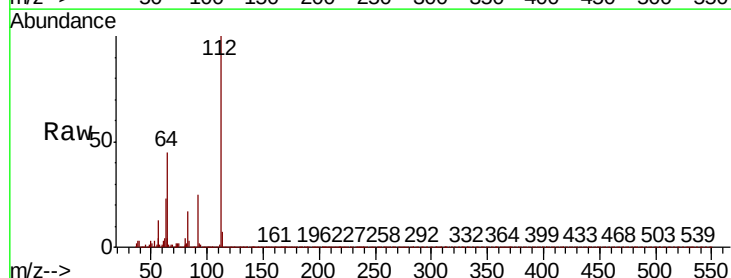
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.1	186.1
115	60.2	48.7	73.1

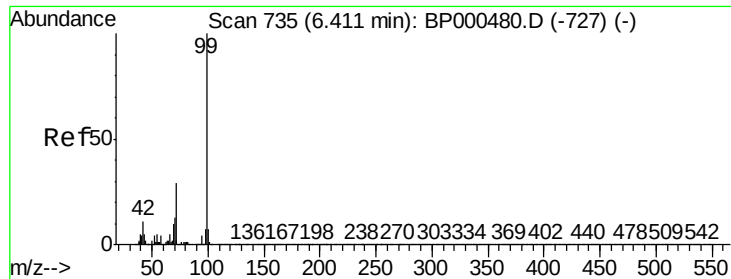


#5

2-Fluorophenol
Concen: 86.147 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.9	34.2	51.4
63	22.7	17.9	26.9





#7

Phenol-d6

Concen: 93.123 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

Instrument :

BNA_P

ClientSampled :

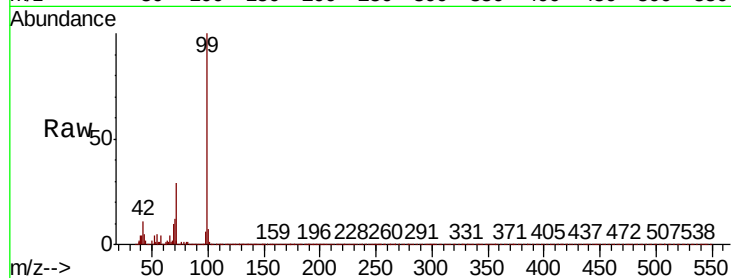
Tot Ion: 99 Resp: 1699178

Ion Ratio Lower Upper

99 100

42 10.7 8.6 12.8

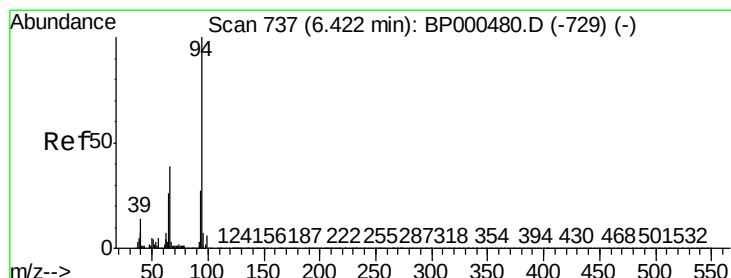
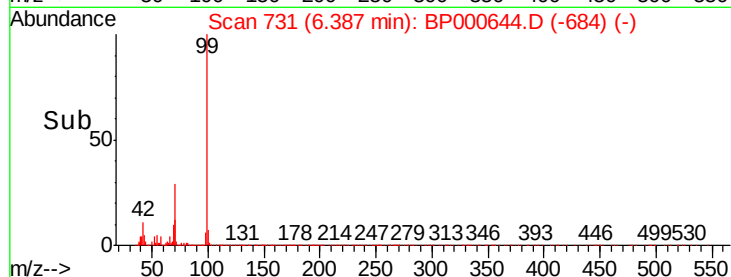
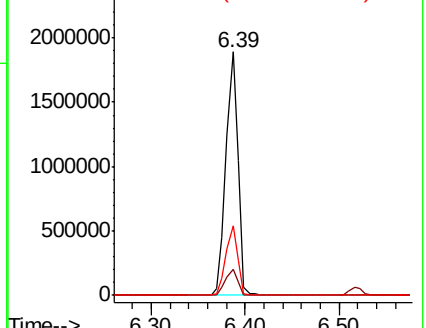
71 28.6 23.0 34.4



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: 4.653 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

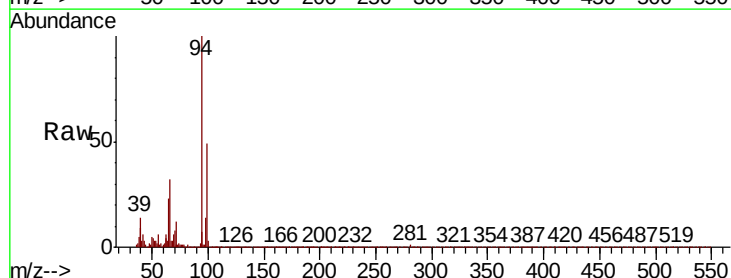
Tgt Ion: 94 Resp: 86928

Ion Ratio Lower Upper

94 100

65 22.8 5.9 45.9

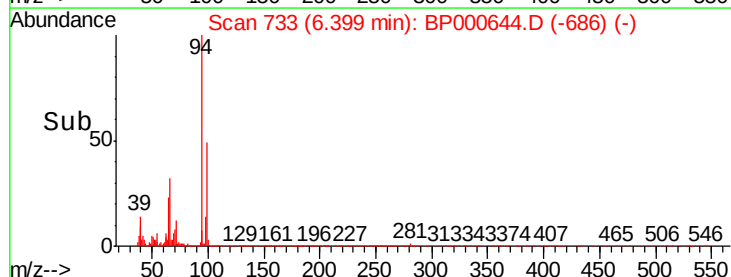
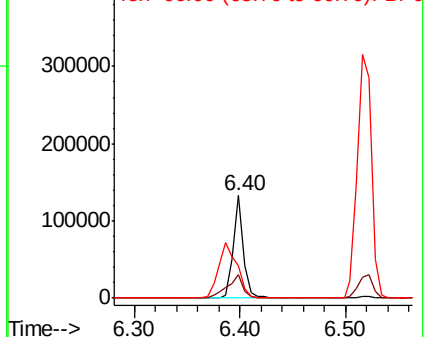
66 31.9 18.8 58.8

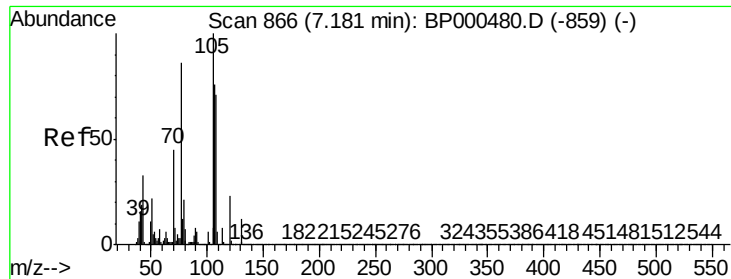


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

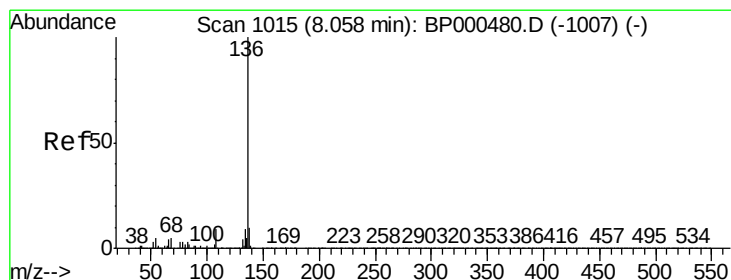
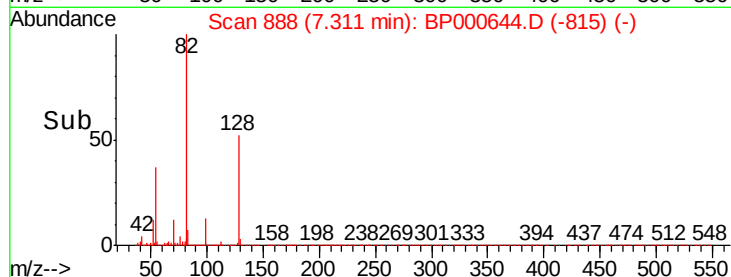
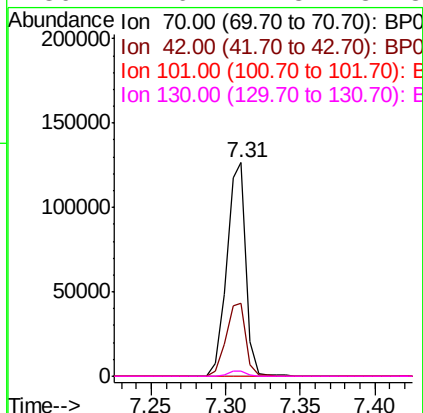
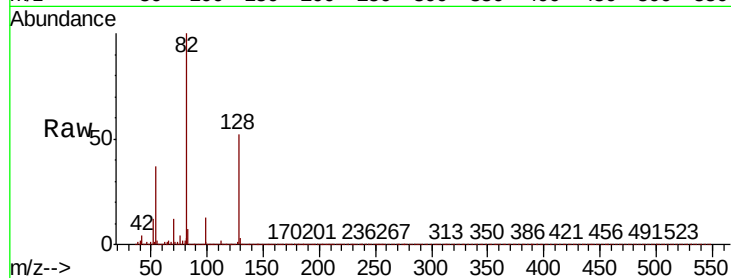




#19
n-Nitroso-di-n-propylamine
Concen: 13.708 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

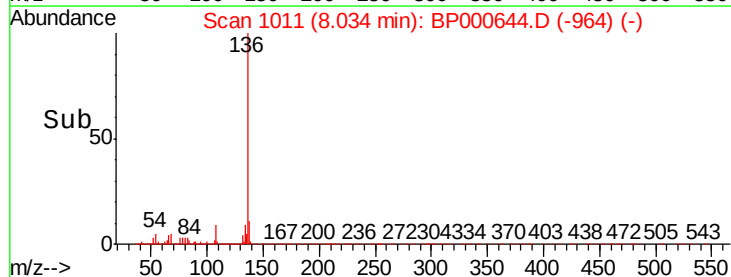
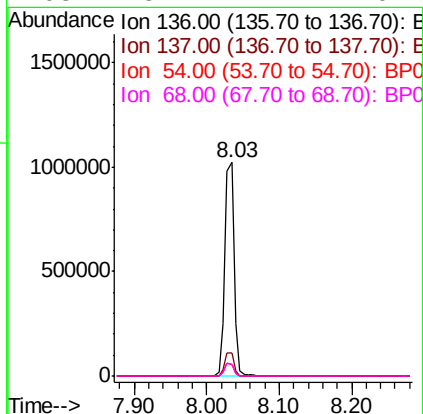
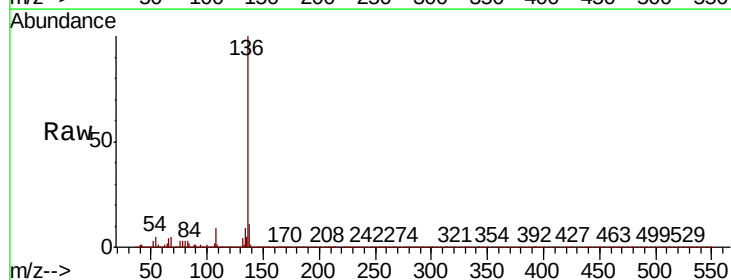
Instrument :
BNA_P
ClientSampleId :

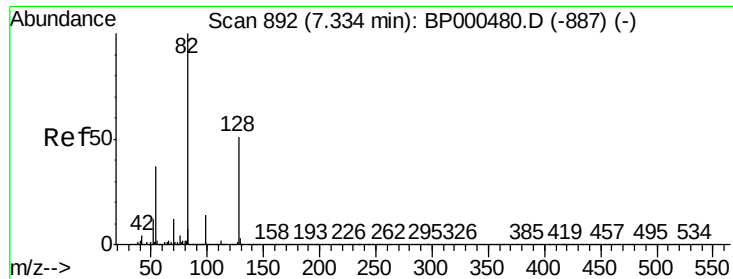
Tot Ion:	70	Resp:	115294
Ion	Ratio	Lower	Upper
70	100		
42	34.2	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion:	136	Resp:	909908
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	5.1	4.1	6.1
68	5.2	4.1	6.1

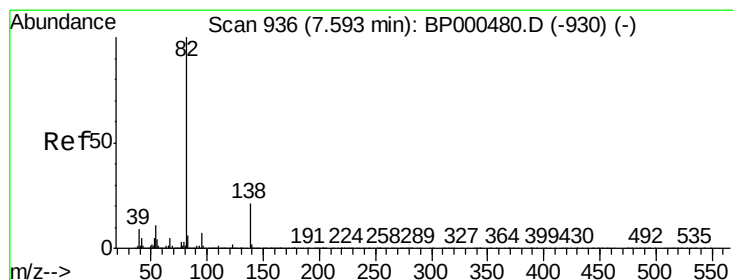
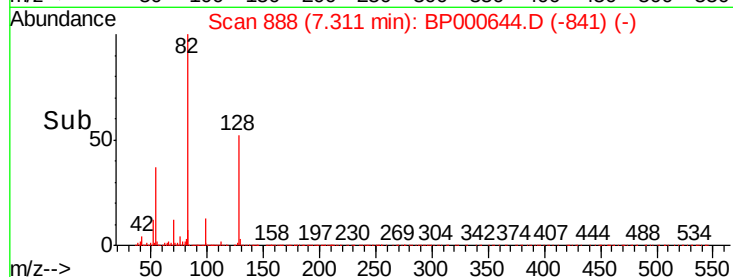
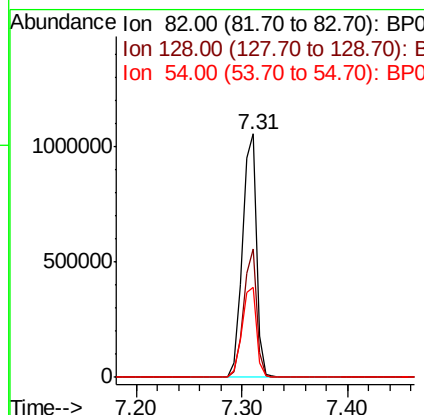
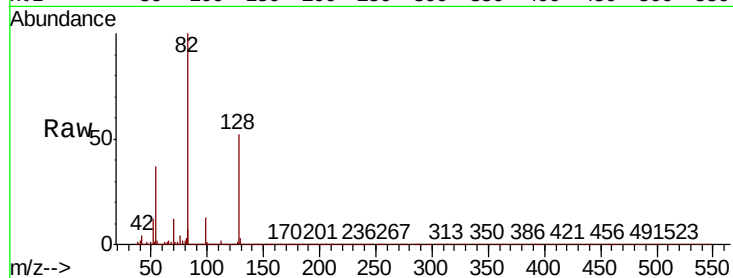




#23
Nitrobenzene-d5
Concen: 63.610 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

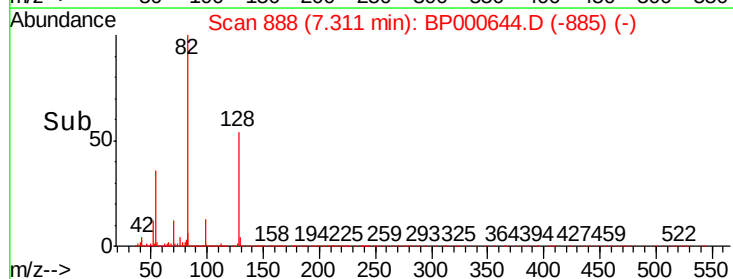
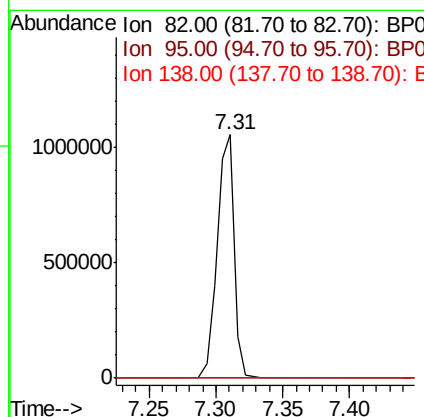
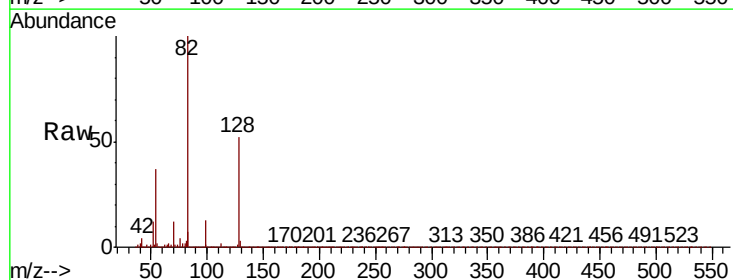
Instrument :
BNA_P
ClientSampleId :

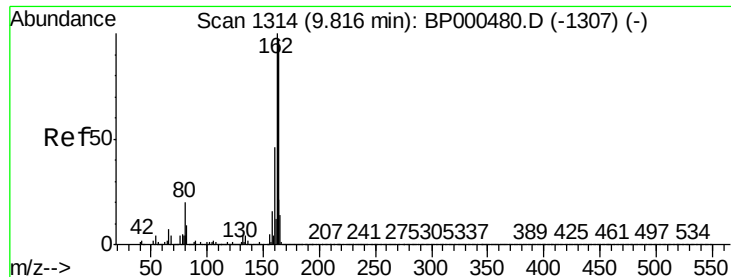
Tot Ion	82	Resp	947673
Ion Ratio	Lower	Upper	
82	100		
128	52.5	40.9	61.3
54	36.8	29.4	44.2



#25
Isophorone
Concen: 35.818 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion	82	Resp	947075
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

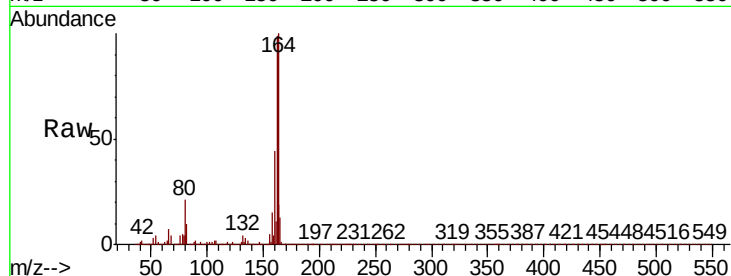




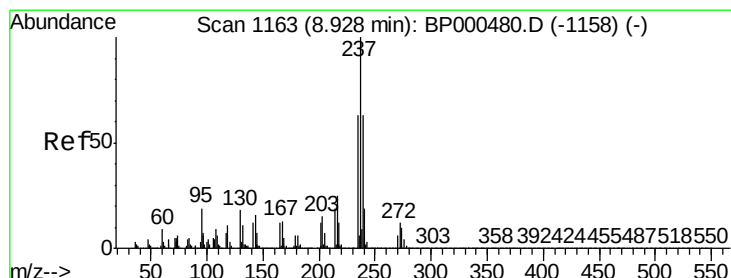
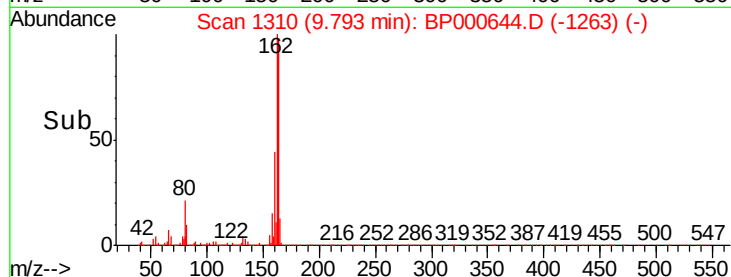
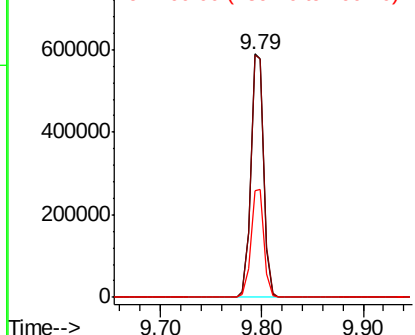
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.2	123.2
160	44.0	37.6	56.4

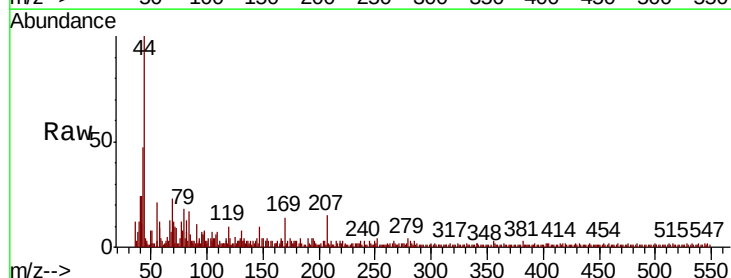


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

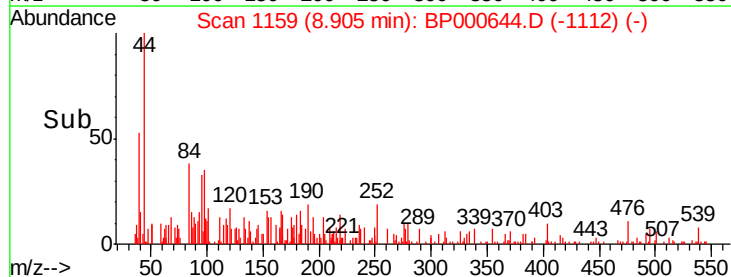
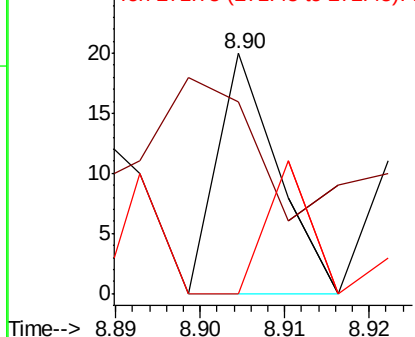


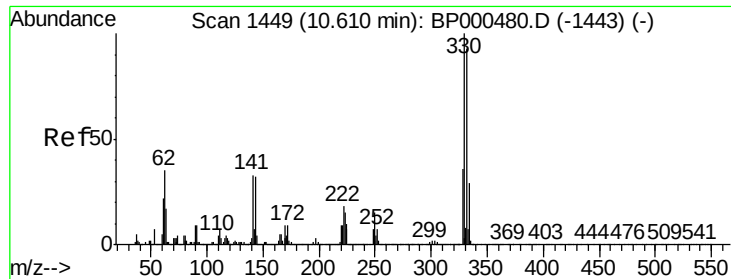
#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
237	100		
235	80.0	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

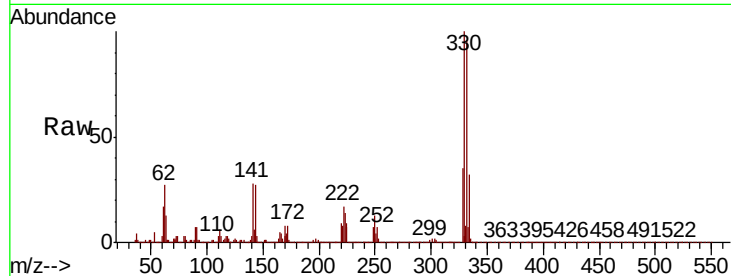




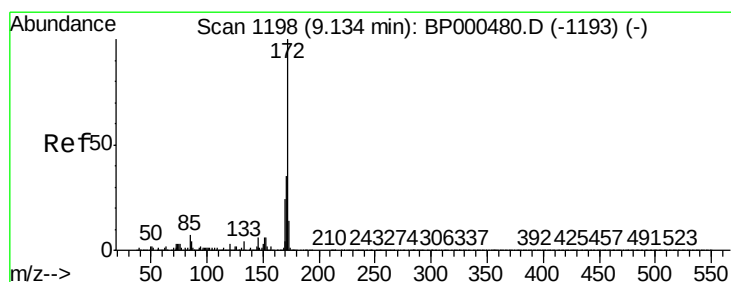
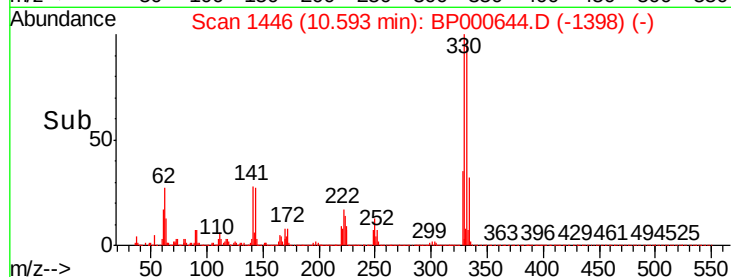
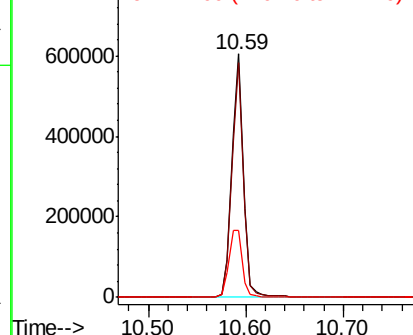
#42
2,4,6-Tribromophenol
Concen: 90.725 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 500662
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 32.6 26.0 39.0

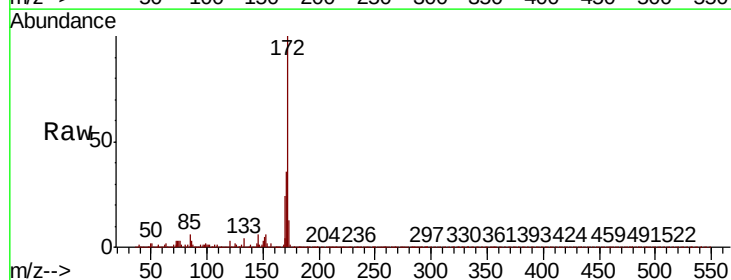


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

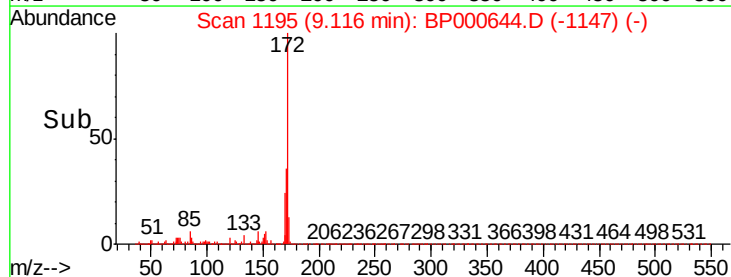
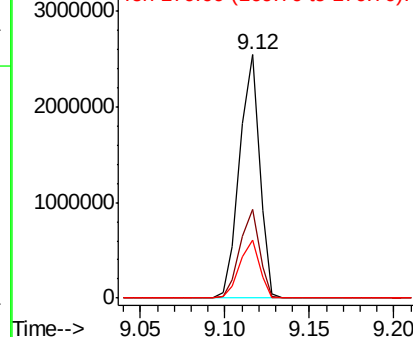


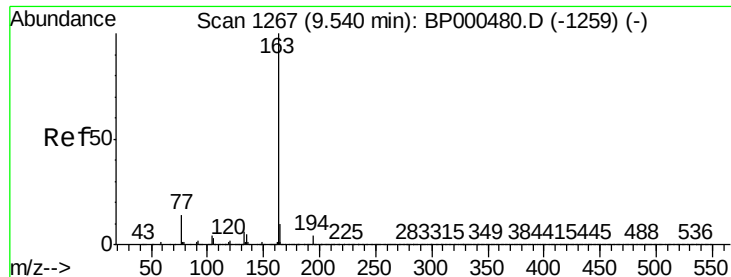
#45
2-Fluorobiphenyl
Concen: 65.373 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion:172 Resp: 2092373
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 24.1 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

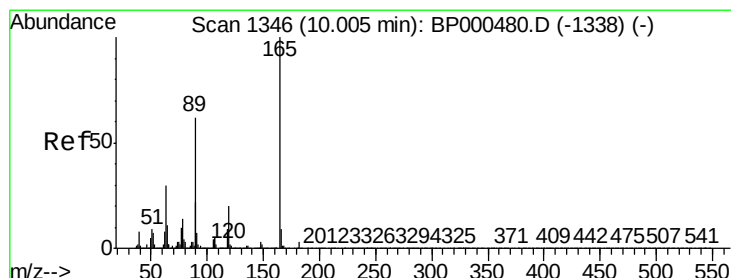
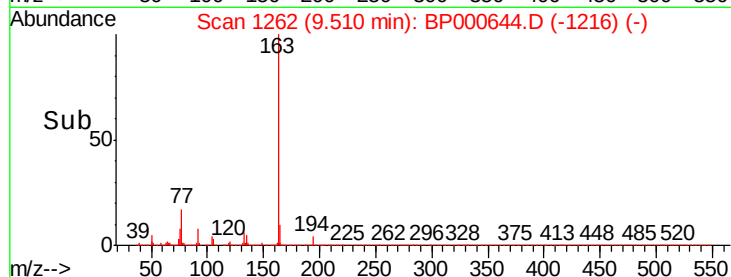
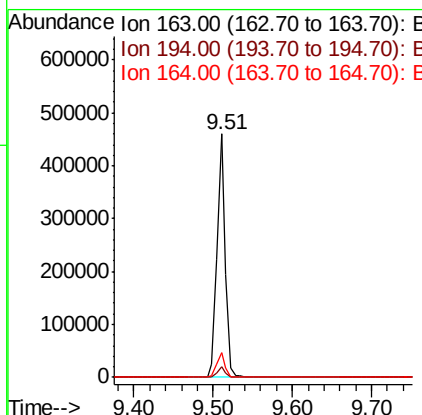
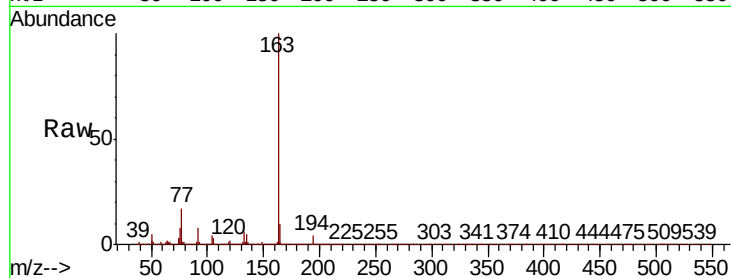




#50
Dimethylphthalate
Concen: 9.192 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

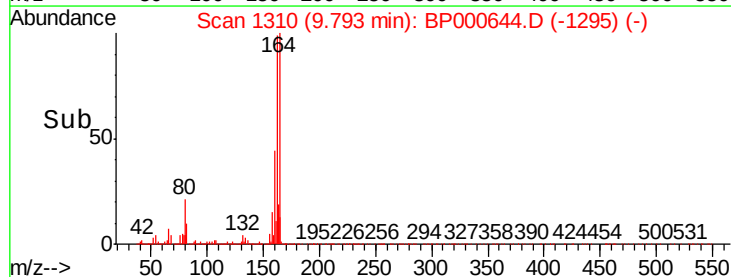
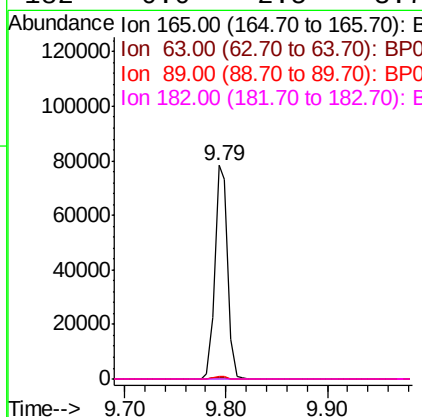
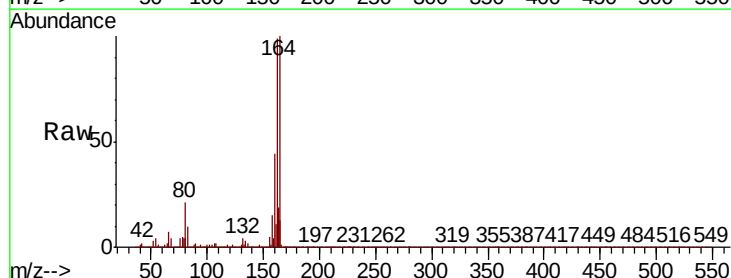
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BNA_P
ClientSampleId :

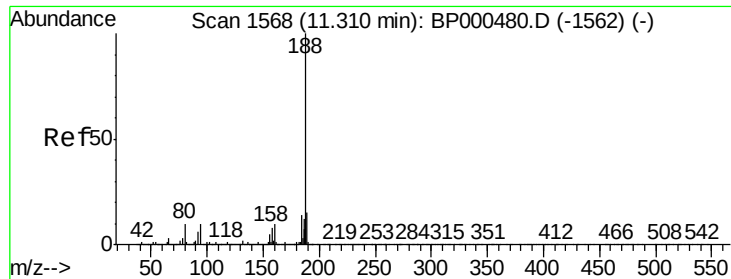
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.546 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.4	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: BP000644.D

Acq: 11 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

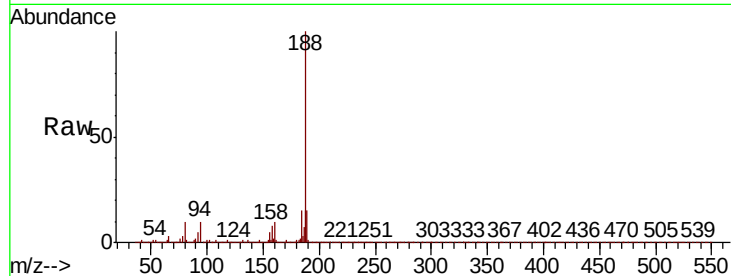
Tot Ion:188 Resp: 982184

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

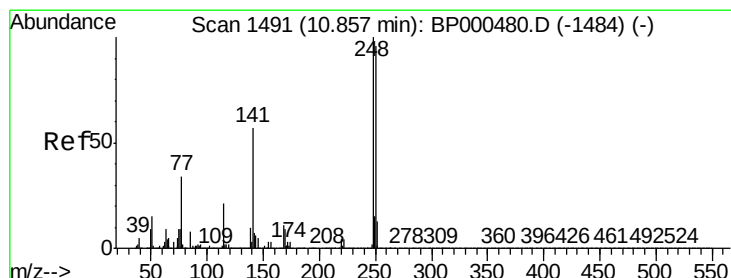
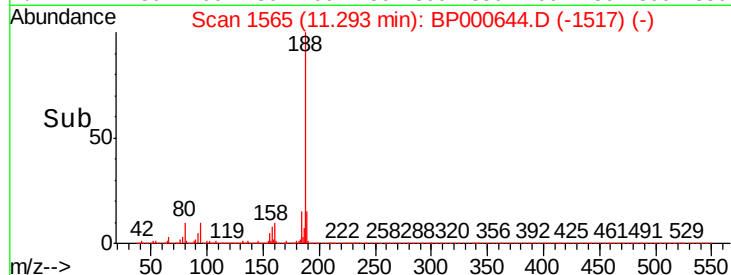
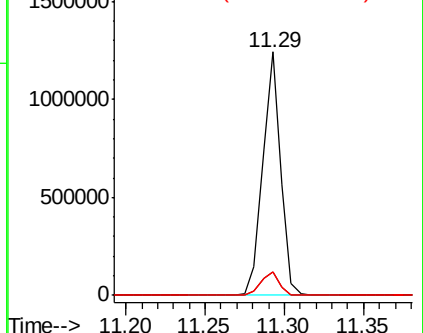
80 9.6 8.3 12.5



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: 3.126 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

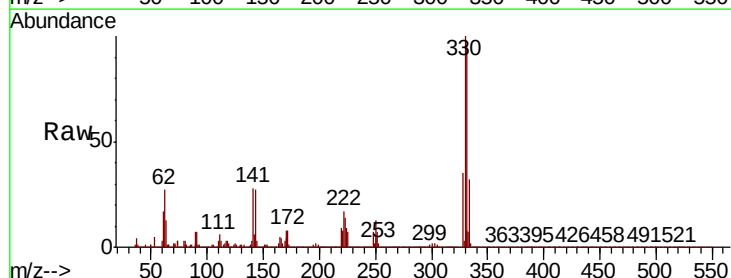
Tgt Ion:248 Resp: 34566

Ion Ratio Lower Upper

248 100

250 201.2 77.2 115.8#

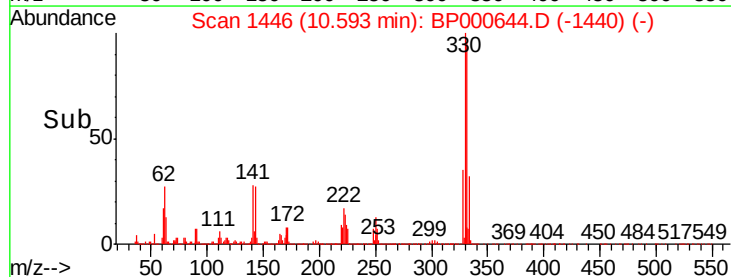
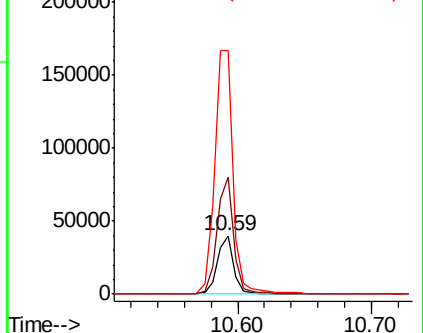
141 418.2 45.3 67.9#

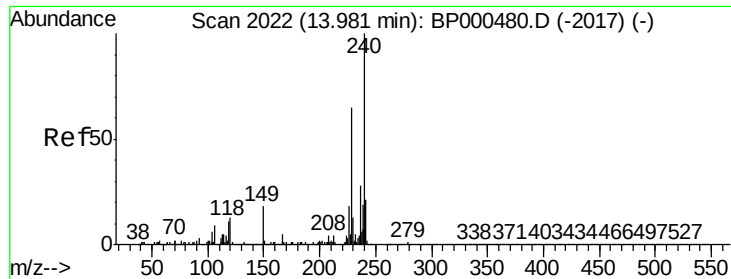


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

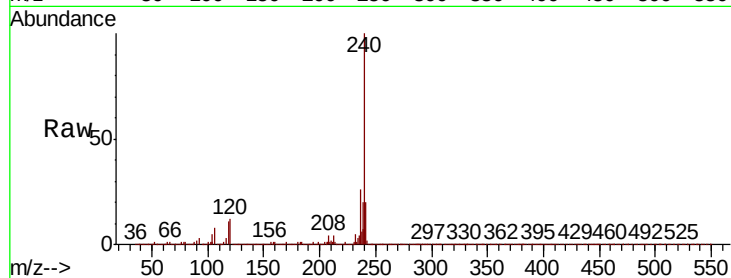




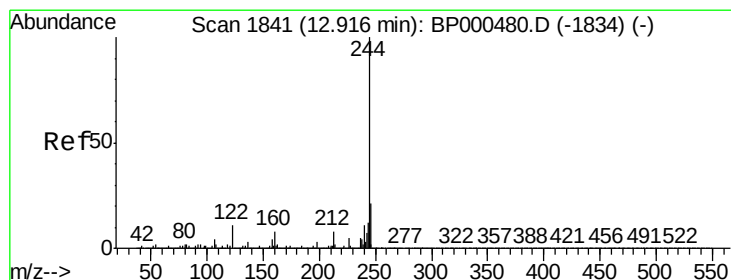
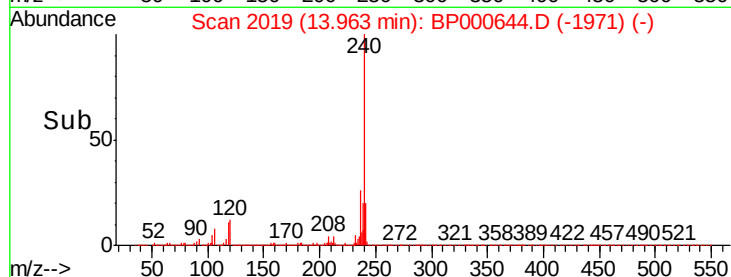
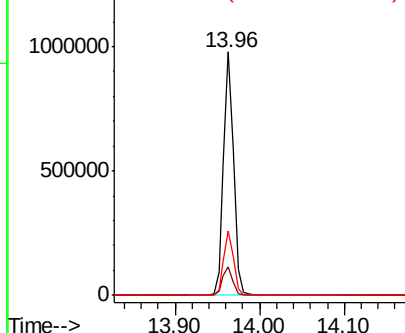
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion:240 Resp: 823586
Ion Ratio Lower Upper
240 100
120 11.9 10.1 15.1
236 26.5 22.7 34.1

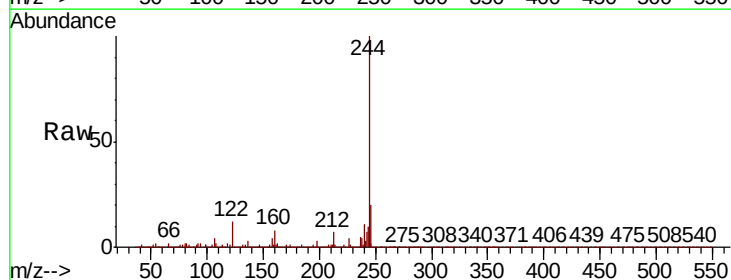


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

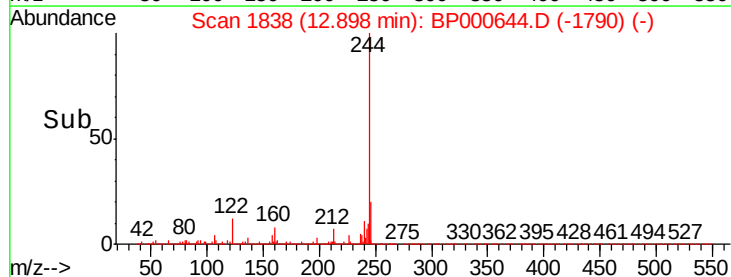
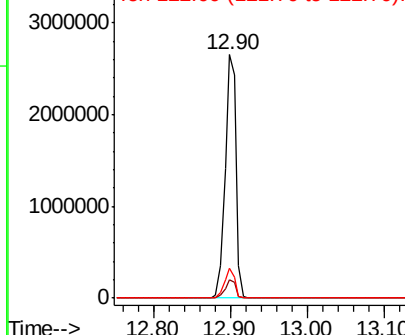


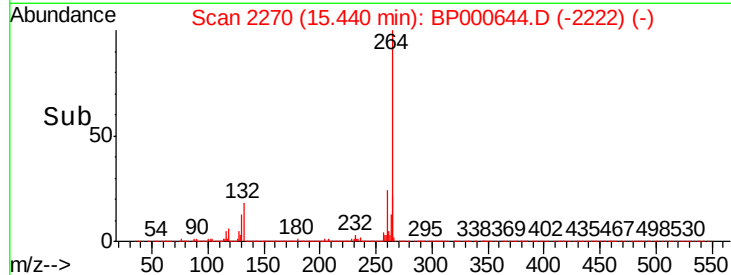
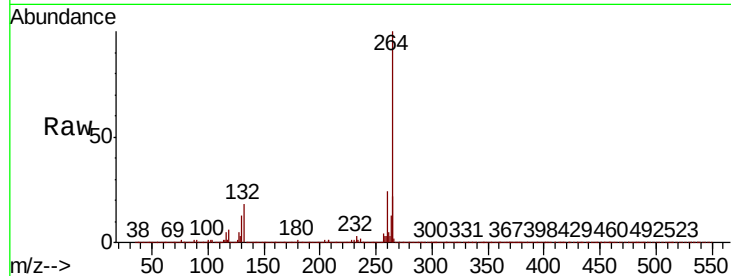
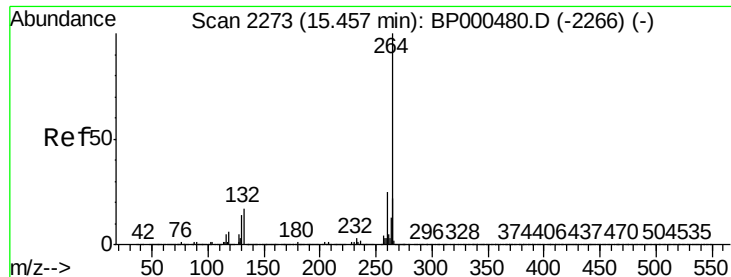
#79
Terphenyl-d14
Concen: 63.445 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion:244 Resp: 2580704
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.1 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: BP000644.D
Acq: 11 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	21.7	18.0	27.0

