

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000646.D
 Acq On : 11 Oct 2019 21:10
 Operator : JU
 Sample : K5298-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:11:22 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

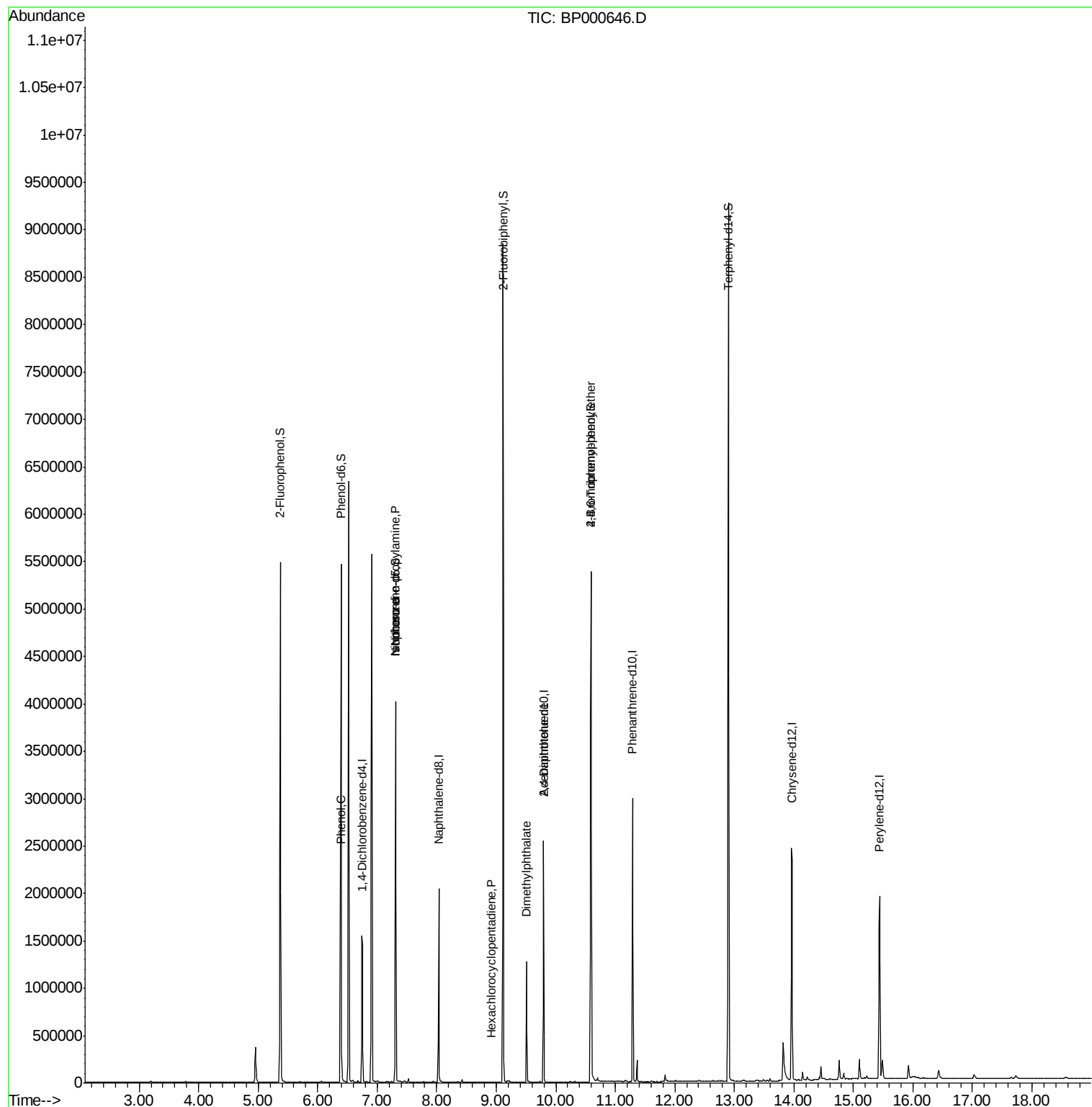
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	246996	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	897413	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	512947	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	978280	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	838479	20.00	ng	-0.02
87) Perylene-d12	15.44	264	867431	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1823524	118.67	ng	-0.02
7) Phenol-d6	6.39	99	2347650	126.79	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1308130	89.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	714561	130.73	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2729131	86.09	ng	-0.02
79) Terphenyl-d14	12.90	244	3394048	81.96	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	70690	3.729	ng	90
19) n-Nitroso-di-n-propylamine	7.31	70	162018	18.983	ng	# 73
25) Isophorone	7.31	82	1307909	50.154	ng	# 61
41) Hexachlorocyclopentadiene	8.90	237	7	7.298	ng	# 12
50) Dimethylphthalate	9.51	163	465687	13.066	ng	99
57) 2,4-Dinitrotoluene	9.79	165	65703	6.375	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	50263	4.564	ng	# 1

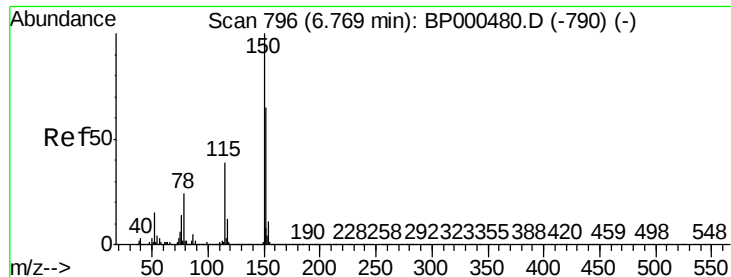
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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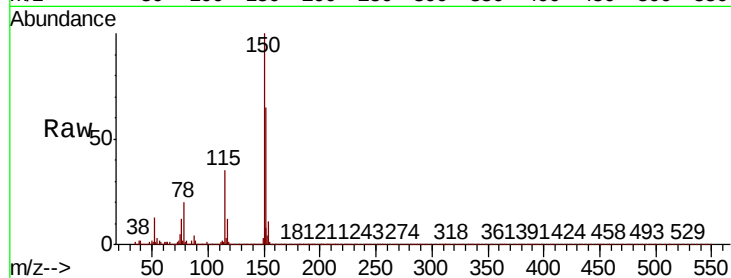


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.1	186.1
115	54.3	48.7	73.1

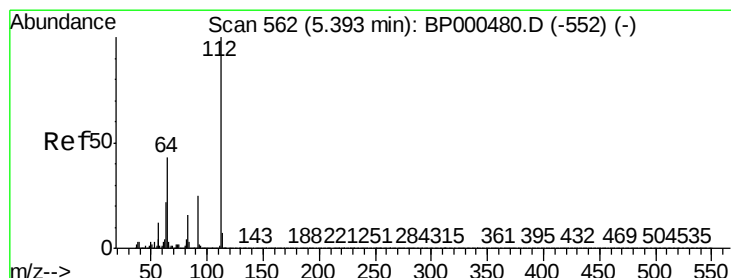
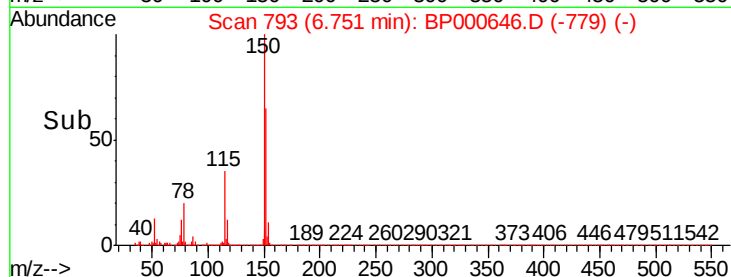
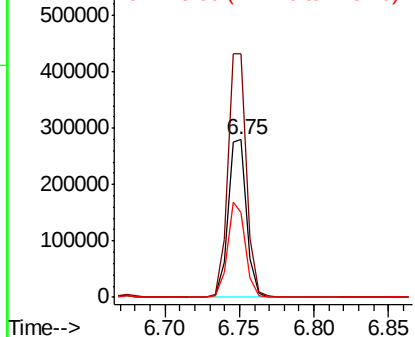


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

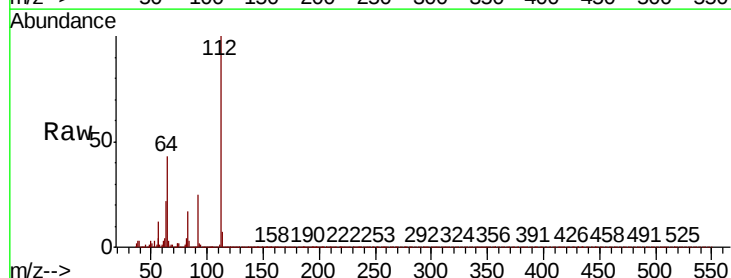
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.674 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.6	34.2	51.4
63	21.9	17.9	26.9

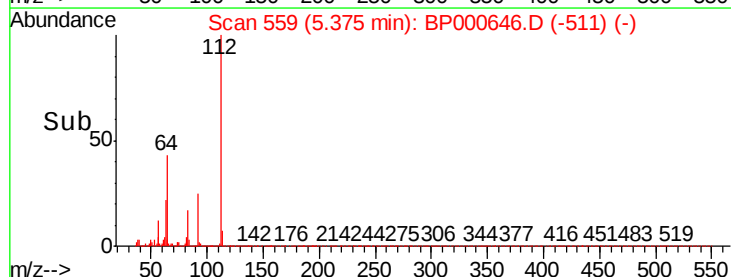
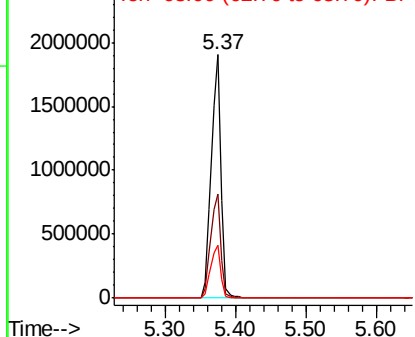


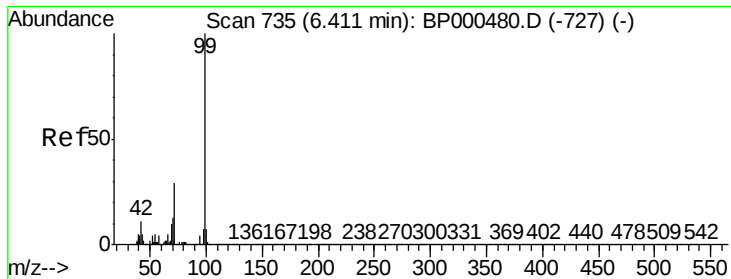
Abundance

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: 126.787 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000646.D

Acq: 11 Oct 2019 21:10

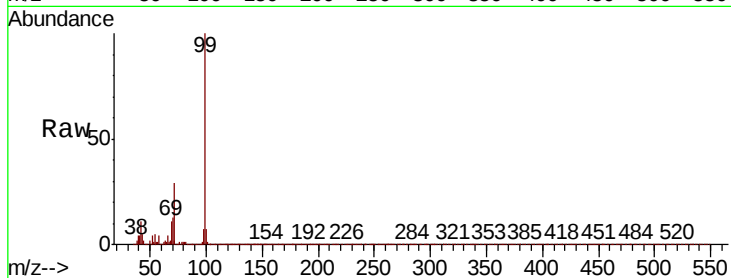
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2347650

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.6	12.8
71	29.4	23.0	34.4

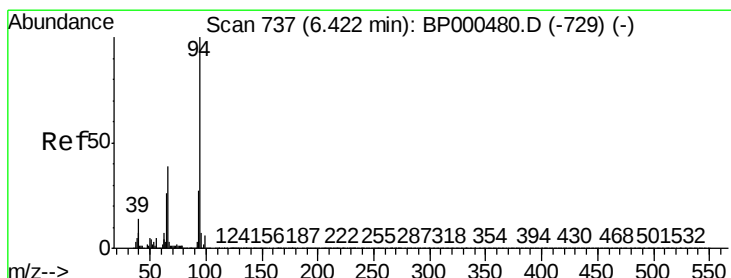
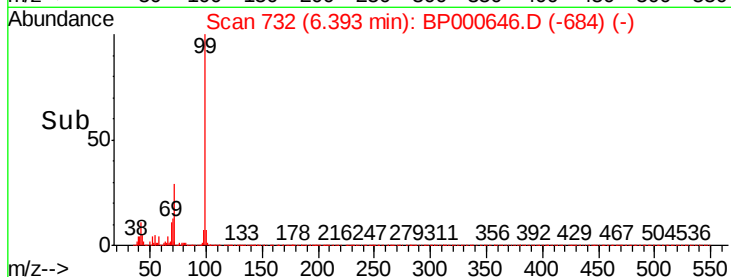
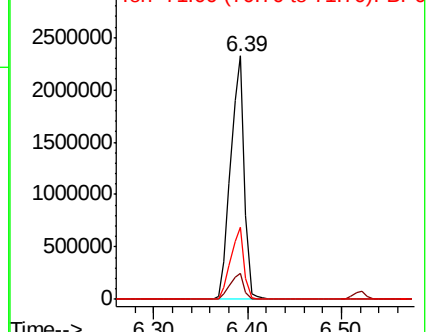


Abundance

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: 3.729 ng

RT: 6.40 min Scan# 734

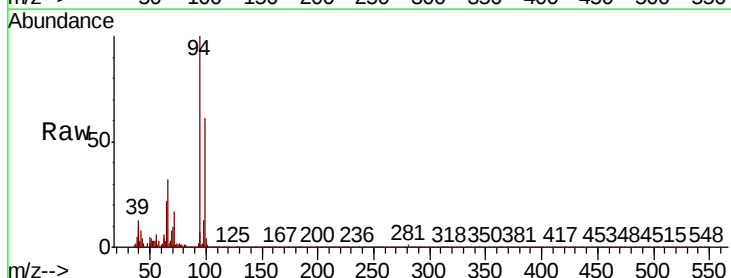
Delta R.T. -0.02 min

Lab File: BP000646.D

Acq: 11 Oct 2019 21:10

Tgt Ion: 94 Resp: 70690

Ion	Ratio	Lower	Upper
94	100		
65	22.1	5.9	45.9
66	31.6	18.8	58.8

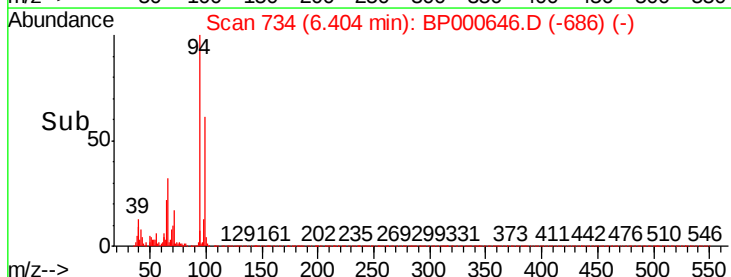
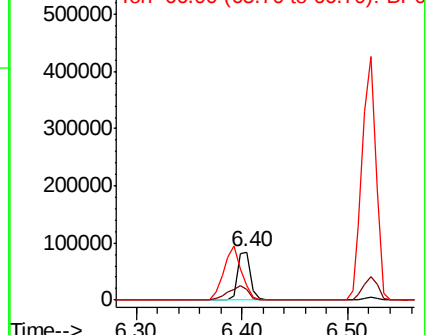


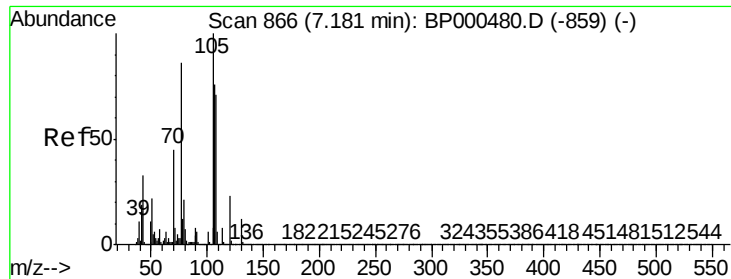
Abundance

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

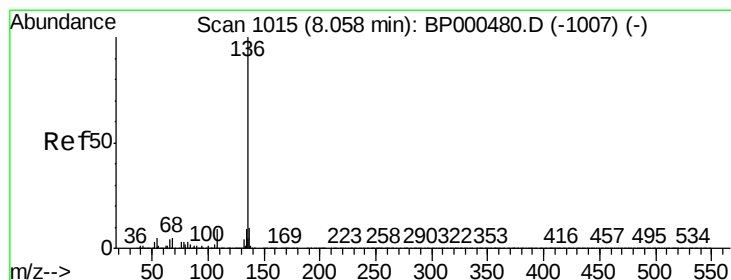
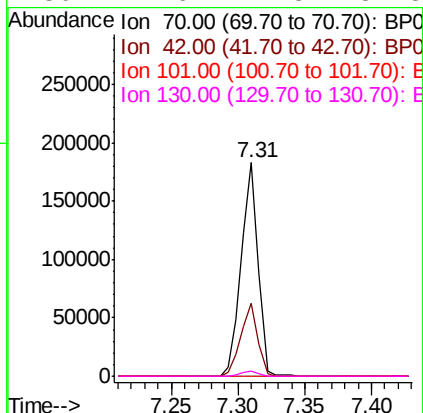
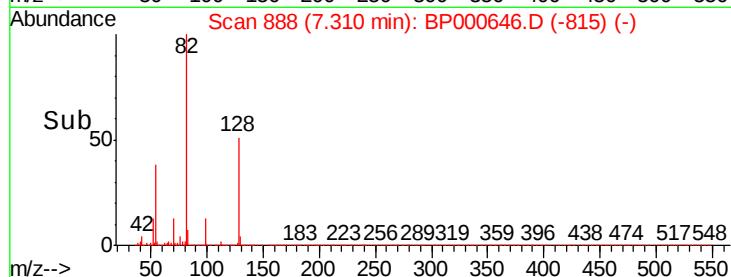
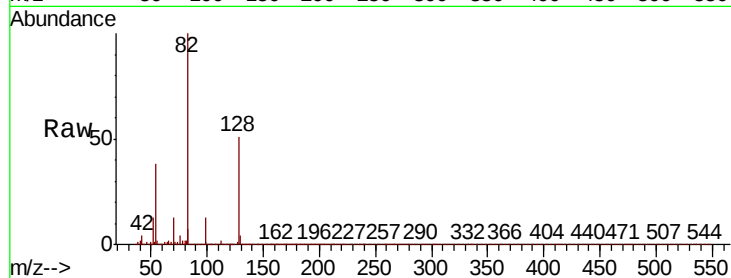




#19
n-Nitroso-di-n-propylamine
Concen: 18.983 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

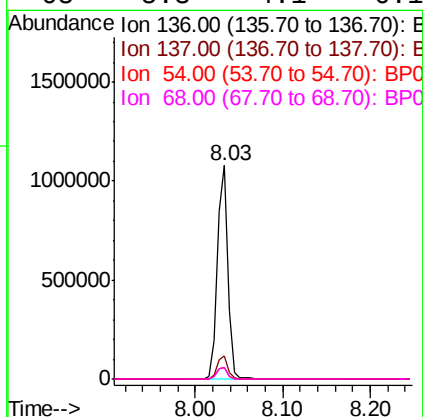
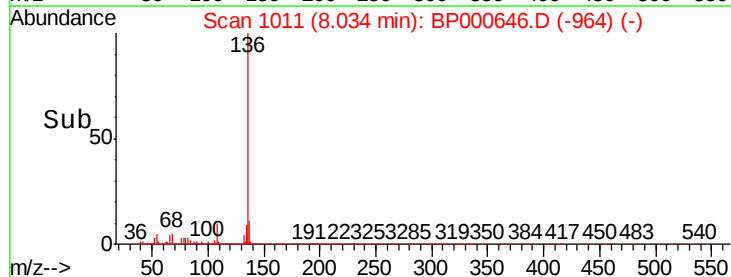
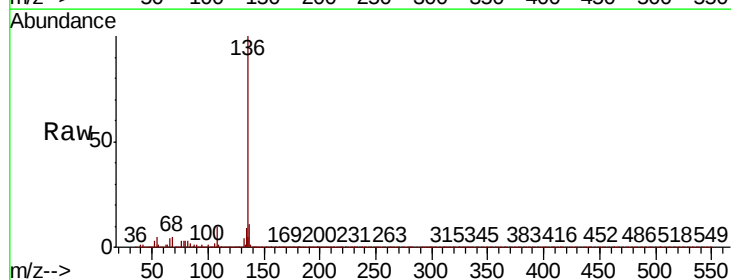
Instrument :
BNA_P
ClientSampled :

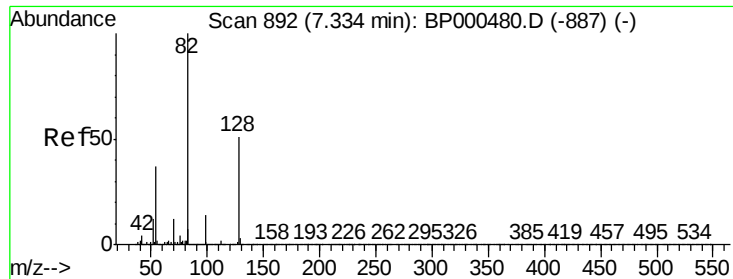
Tot Ion: 70 Resp: 162018
Ion Ratio Lower Upper
70 100
42 34.3 33.2 49.8
101 0.0 9.9 14.9#
130 2.6 21.8 32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Tgt Ion:136 Resp: 897413
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 5.5 4.1 6.1
68 5.3 4.1 6.1

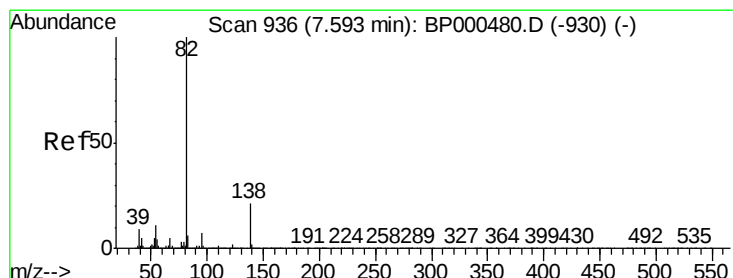
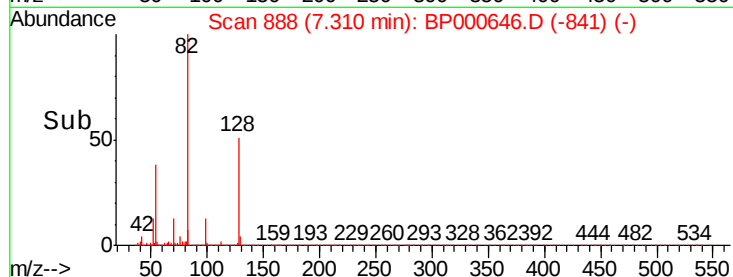
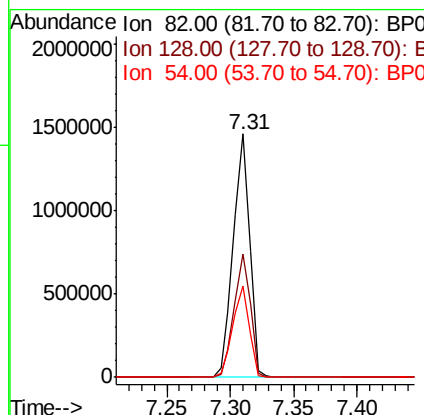
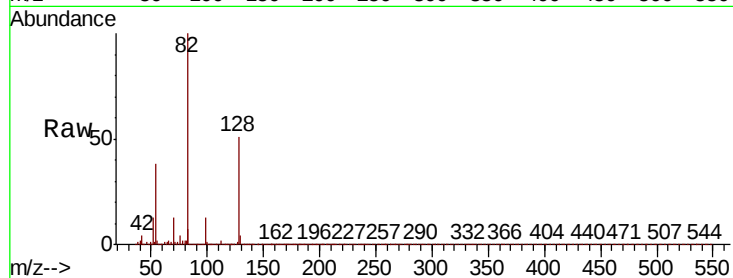




#23
 Nitrobenzene-d5
 Concen: 89.028 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000646.D
 Acq: 11 Oct 2019 21:10

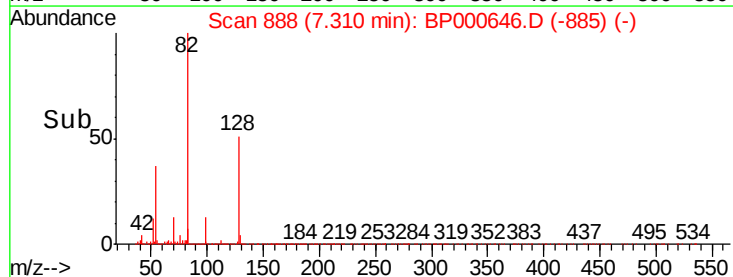
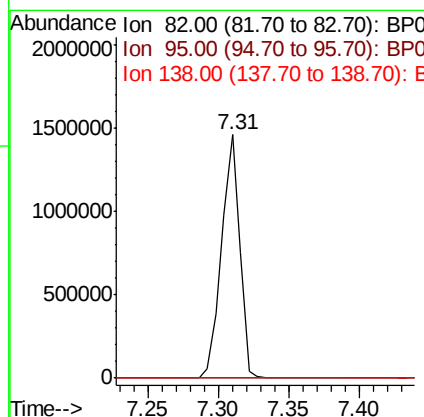
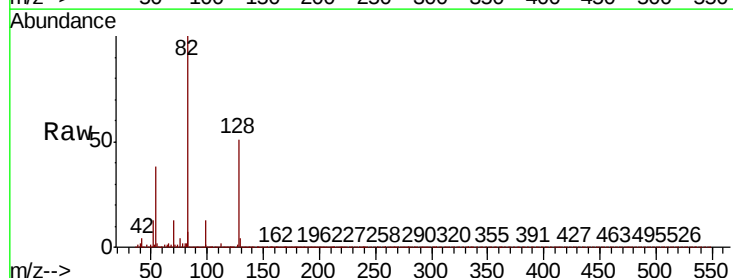
Instrument :
 BNA_P
 ClientSampleId :

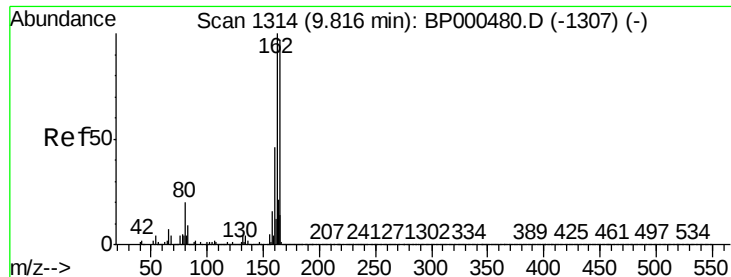
Tot Ion	82	Resp	1308130
Ion Ratio	Lower	Upper	
82	100		
128	50.7	40.9	61.3
54	37.7	29.4	44.2



#25
 Isophorone
 Concen: 50.154 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000646.D
 Acq: 11 Oct 2019 21:10

Tgt Ion	82	Resp	1307909
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: BP000646.D

Acq: 11 Oct 2019 21:10

Instrument :

BNA_P

ClientSampleId :

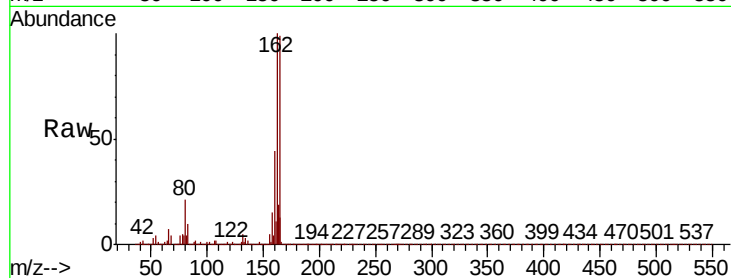
Tot Ion:164 Resp: 512947

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

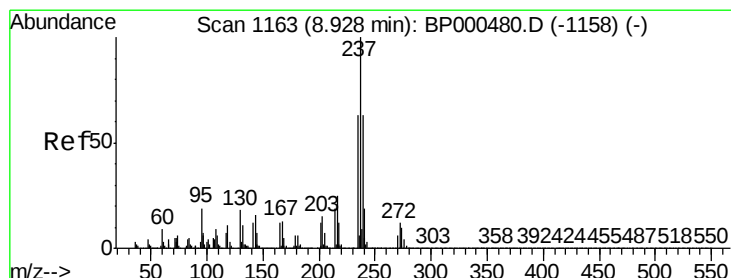
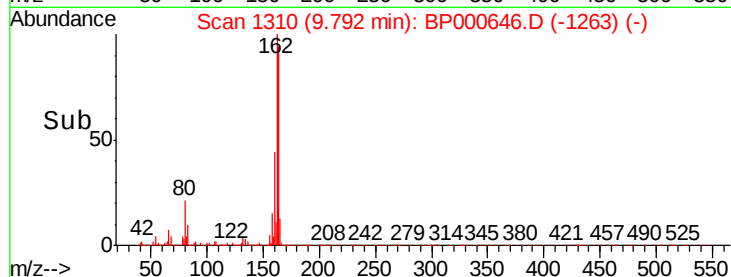
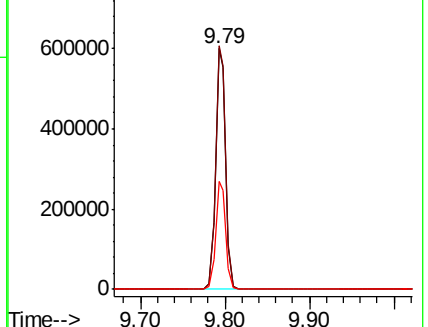
160 44.9 37.6 56.4



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: BP000646.D

Acq: 11 Oct 2019 21:10

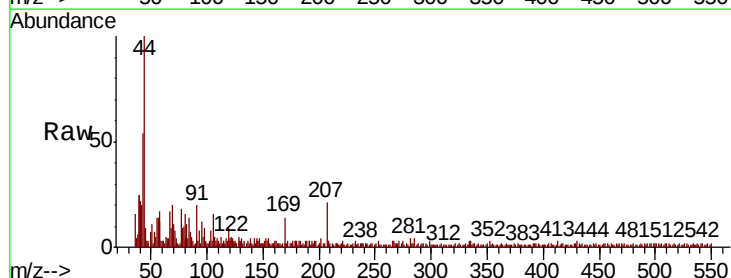
Tgt Ion:237 Resp: 7

Ion Ratio Lower Upper

237 100

235 140.0 42.9 82.9#

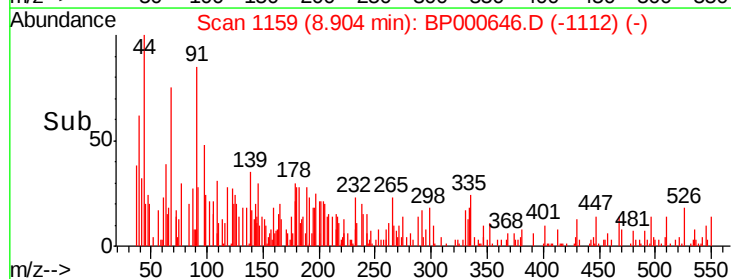
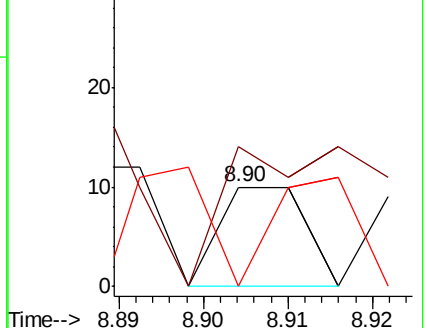
272 0.0 0.0 32.4

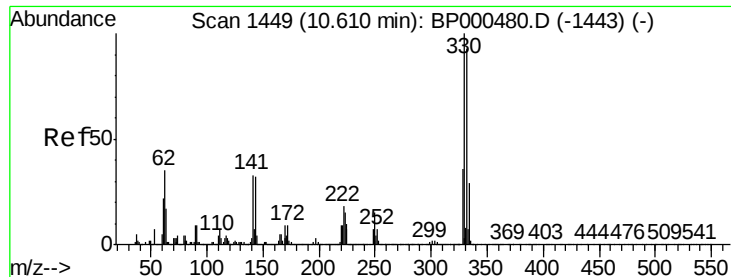


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

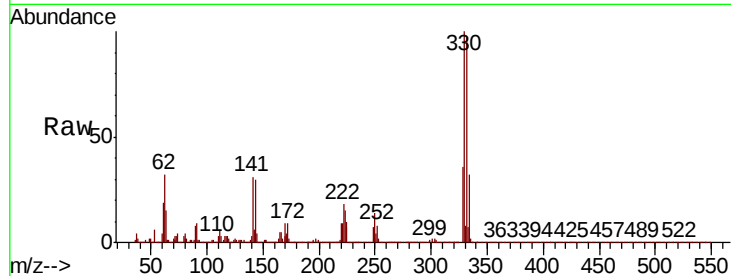




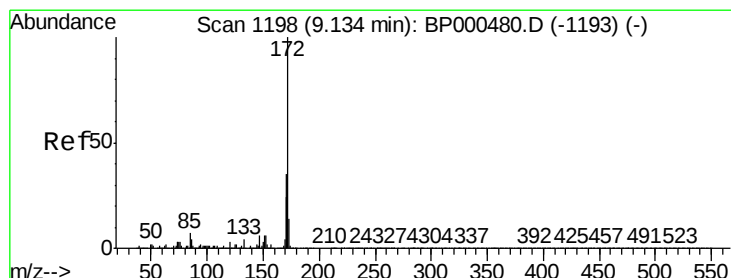
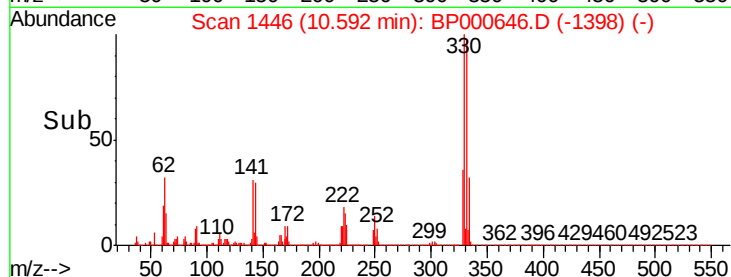
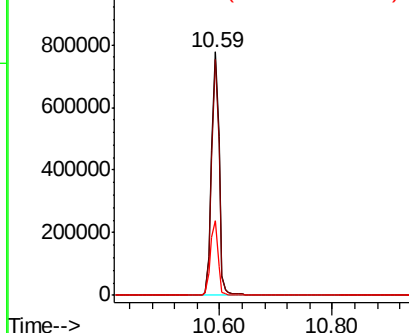
#42
2,4,6-Tribromophenol
Concen: 130.727 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 714561
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 31.2 26.0 39.0

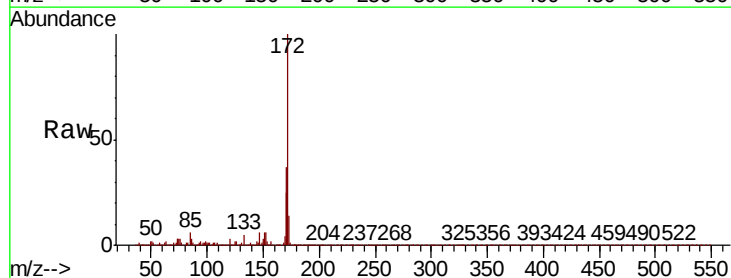


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

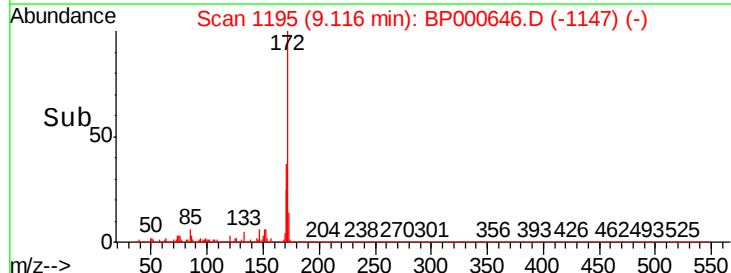
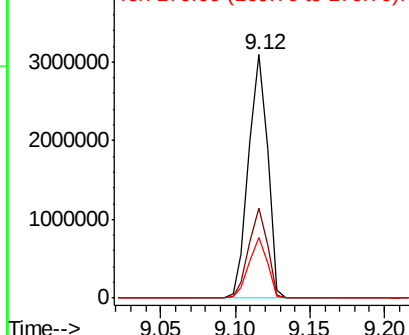


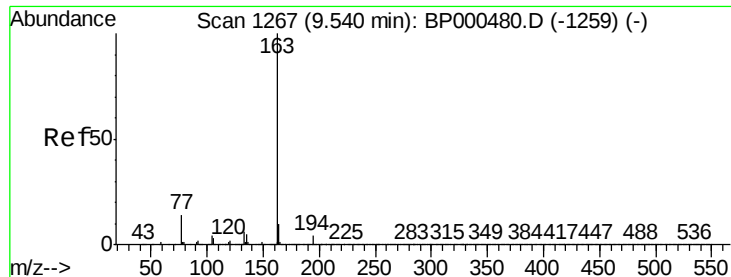
#45
2-Fluorobiphenyl
Concen: 86.085 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Tgt Ion:172 Resp: 2729131
Ion Ratio Lower Upper
172 100
171 37.1 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

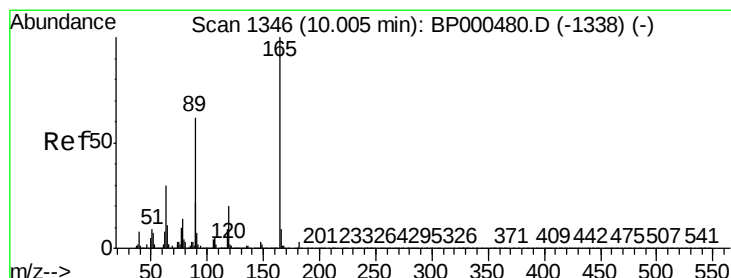
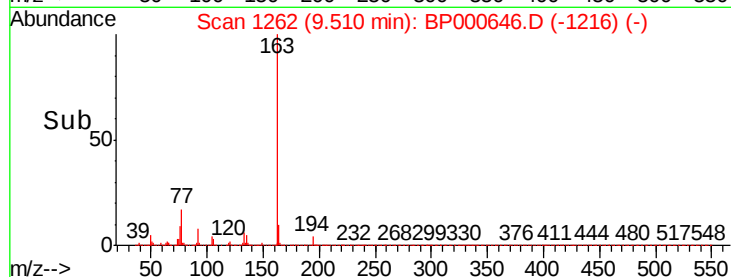
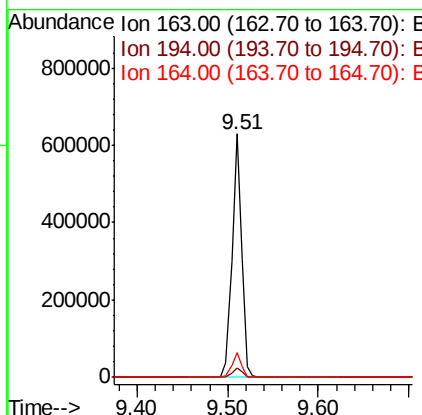
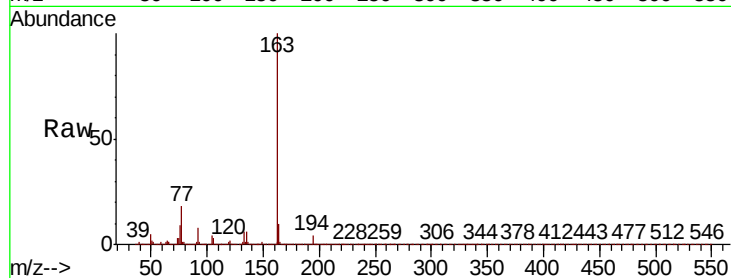




#50
Dimethylphthalate
Concen: 13.066 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

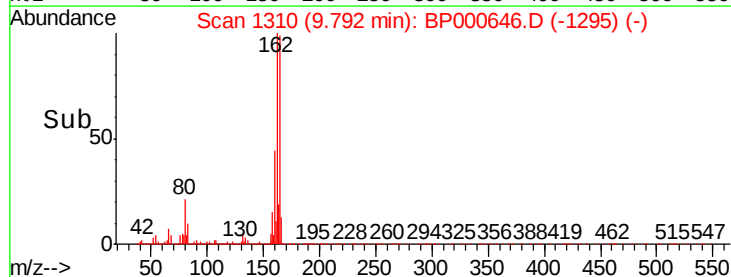
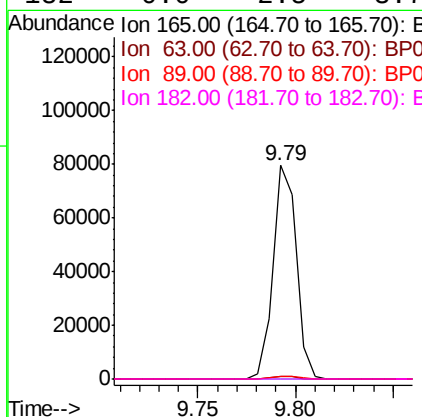
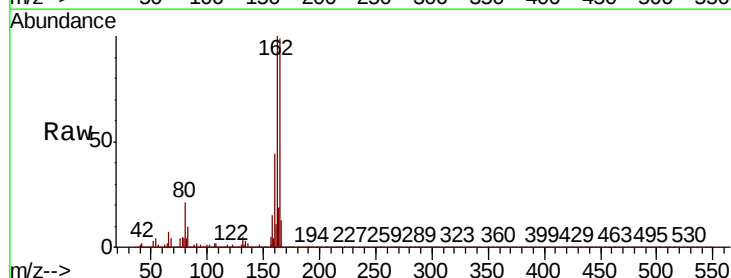
Instrument :
BNA_P
ClientSampleId :

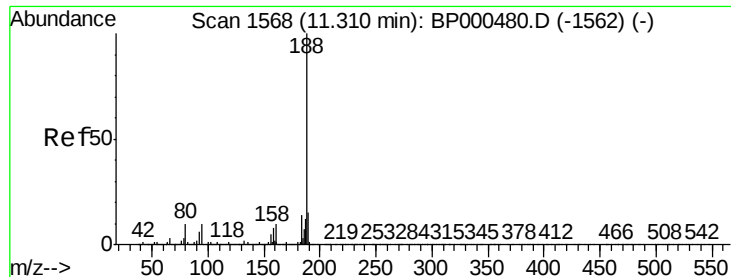
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.2	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.375 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.0	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: BP000646.D

Acq: 11 Oct 2019 21:10

Instrument :

BNA_P

ClientSampleId :

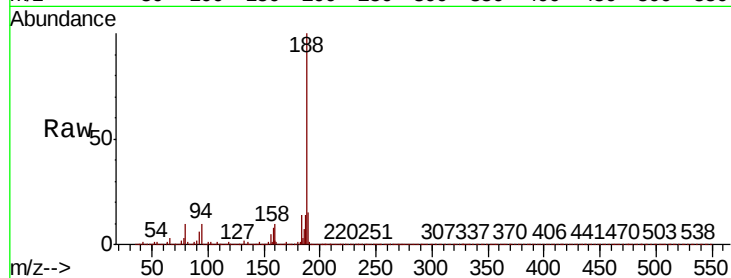
Tot Ion:188 Resp: 978280

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

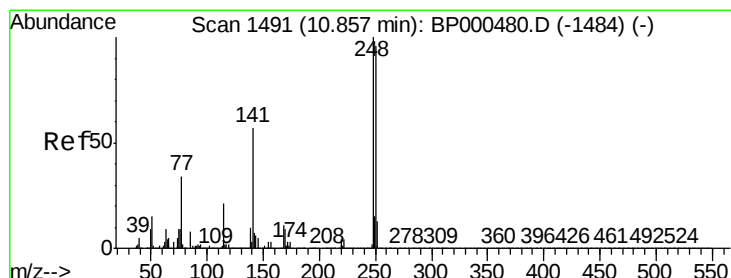
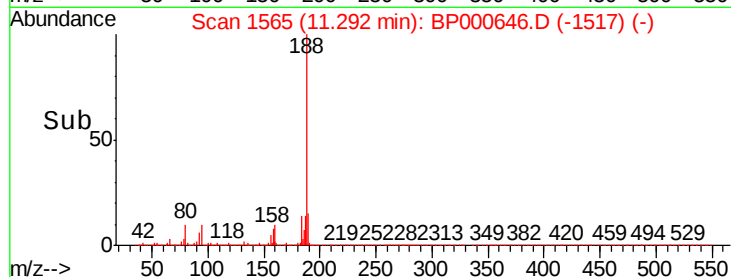
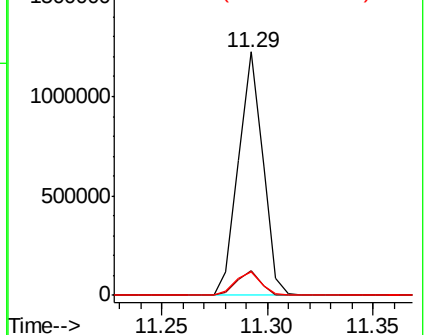
80 9.8 8.3 12.5



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: 4.564 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.27 min

Lab File: BP000646.D

Acq: 11 Oct 2019 21:10

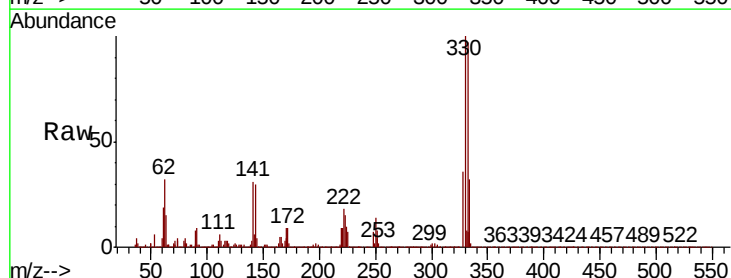
Tgt Ion:248 Resp: 50263

Ion Ratio Lower Upper

248 100

250 196.6 77.2 115.8#

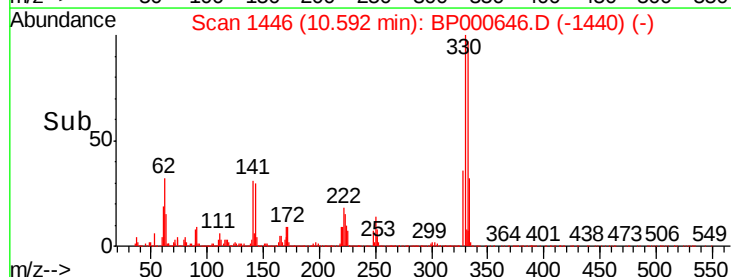
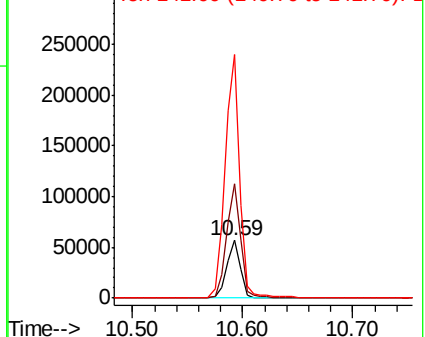
141 420.0 45.3 67.9#

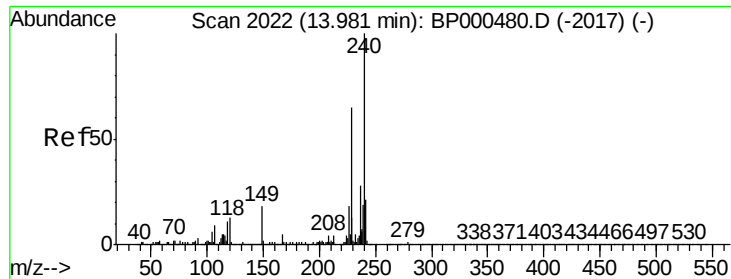


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

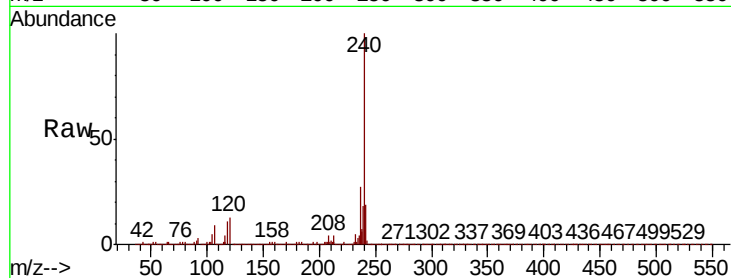




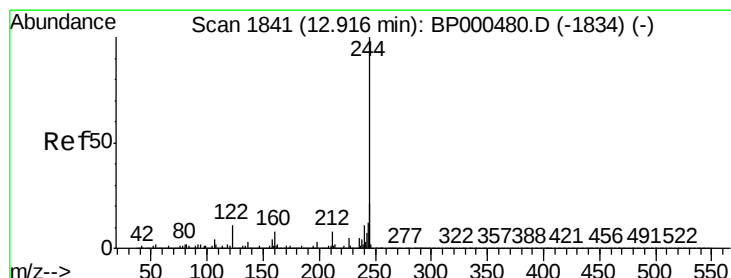
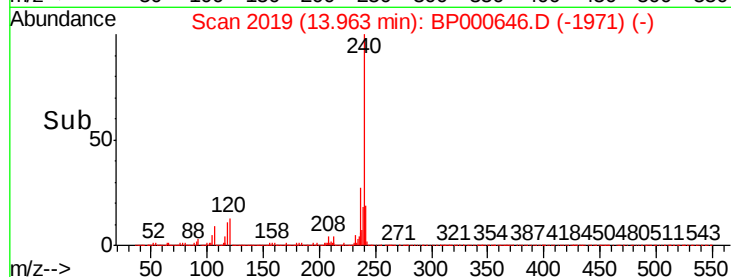
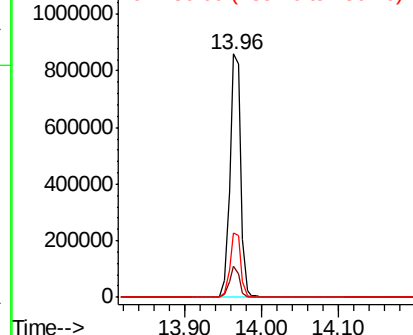
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Instrument :
BNA_P
ClientSampled :

Tot Ion:240 Resp: 838479
Ion Ratio Lower Upper
240 100
120 12.8 10.1 15.1
236 26.6 22.7 34.1

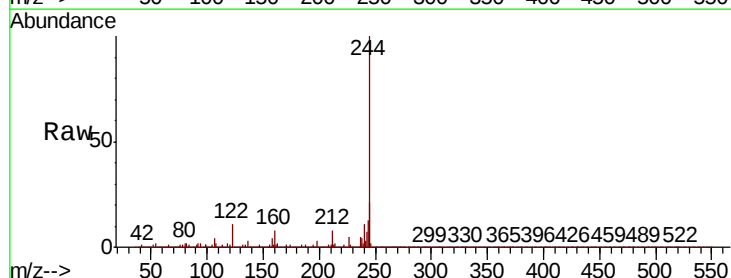


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

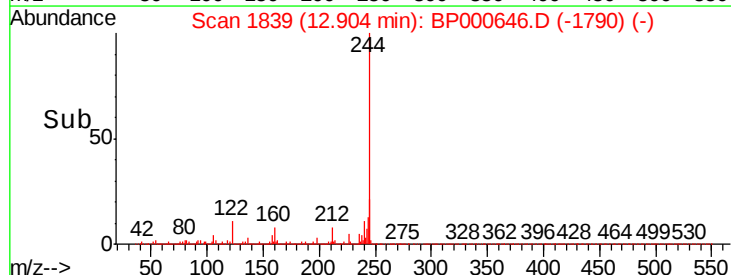
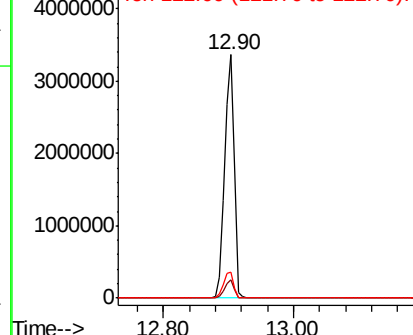


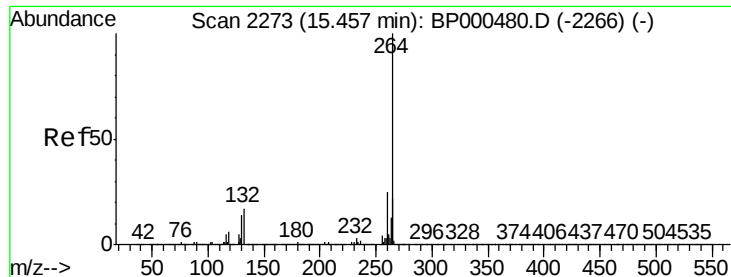
#79
Terphenyl-d14
Concen: 81.958 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Tgt Ion:244 Resp: 3394048
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 10.9 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

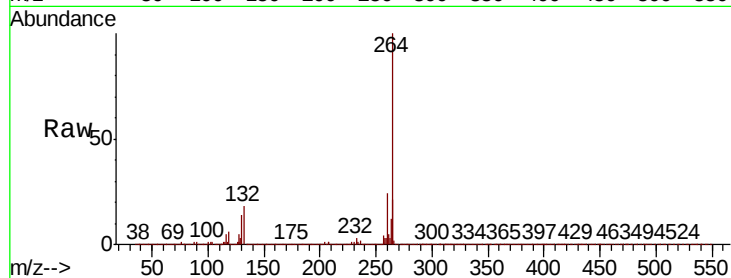




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000646.D
Acq: 11 Oct 2019 21:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	21.5	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

