

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000513.D
 Acq On : 04 Oct 2019 17:36
 Operator : JU
 Sample : K5155-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 04 23:39:43 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

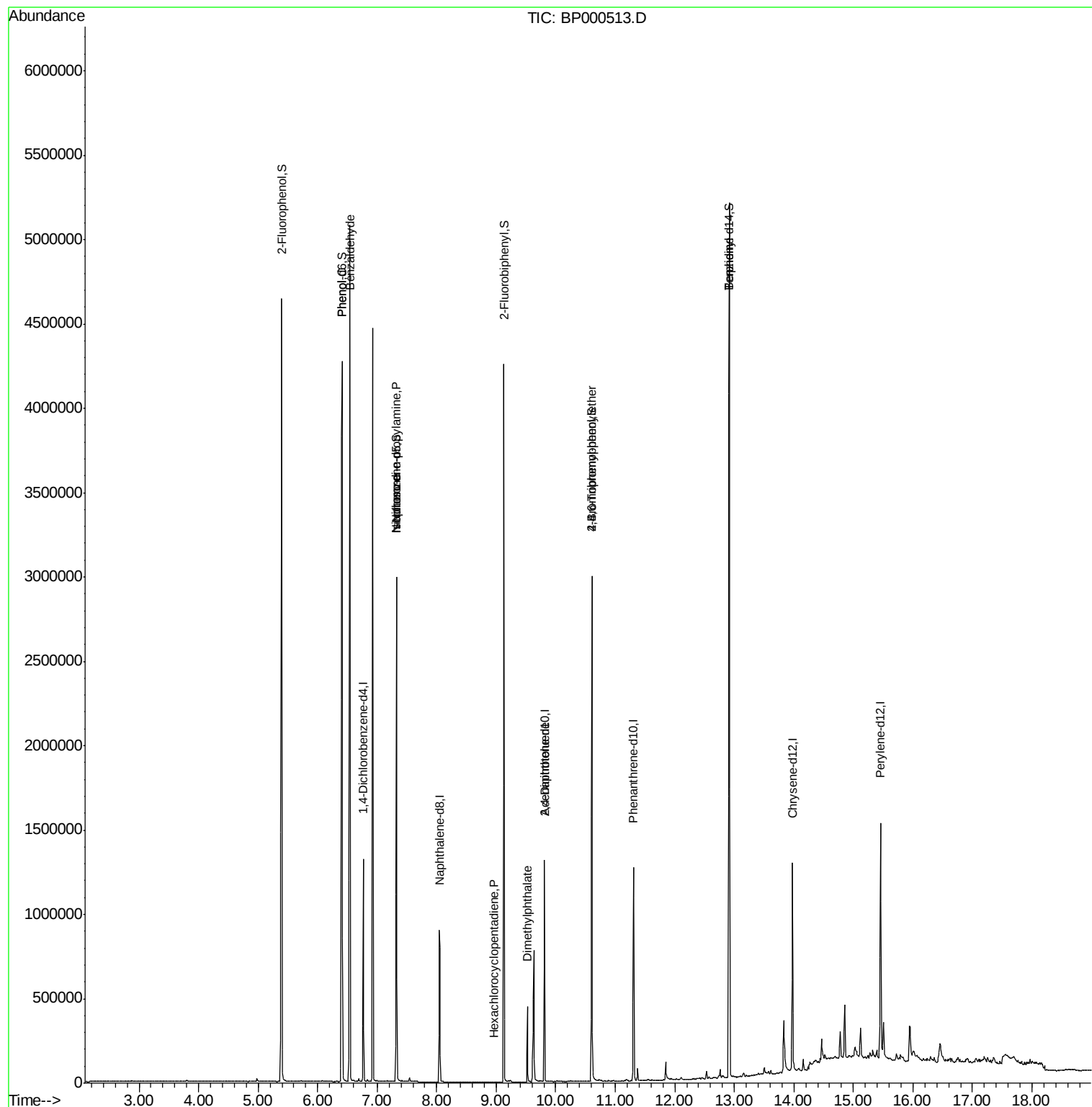
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	213888	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	403247	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	233981	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	457652	20.00	ng	0.00
76) Chrysene-d12	13.97	240	421895	20.00	ng	0.00
87) Perylene-d12	15.46	264	653165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1459221	109.67	ng	0.00
7) Phenol-d6	6.41	99	1766541	110.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	955390	144.70	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	402349	161.37	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1300335	89.92	ng	0.00
79) Terphenyl-d14	12.92	244	1784251	85.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	30336	3.632	ng	85
10) Phenol	6.42	94	56240	3.426	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	119887	16.221	ng	# 73
25) Isophorone	7.33	82	955244	81.519	ng	# 61
41) Hexachlorocyclopentadiene	8.97	237	8	7.299	ng	84
50) Dimethylphthalate	9.52	163	165724	10.193	ng	99
57) 2,4-Dinitrotoluene	9.81	165	31426	6.685	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	26616	5.167	ng	# 1
77) Benzidine	12.92	184	24662	2.019	ng	# 97

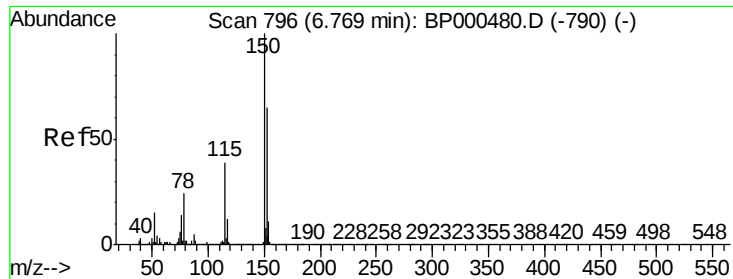
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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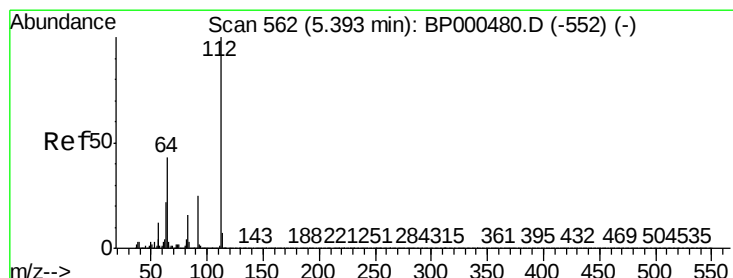
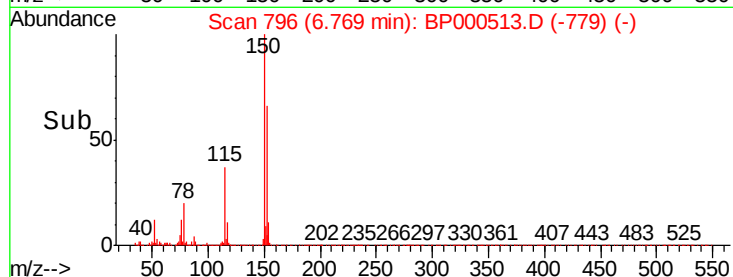
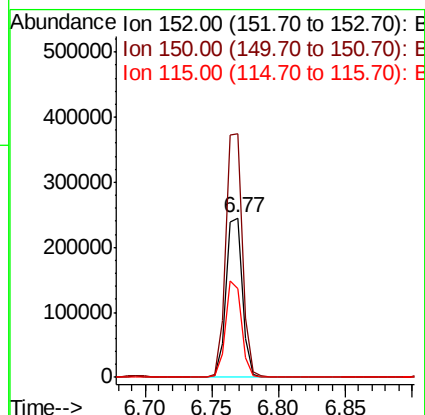
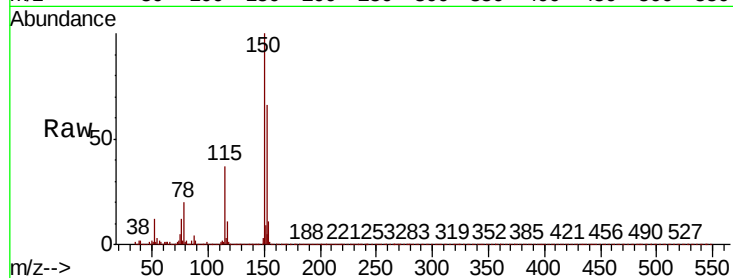


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Instrument :
BNA_P
ClientSampled :

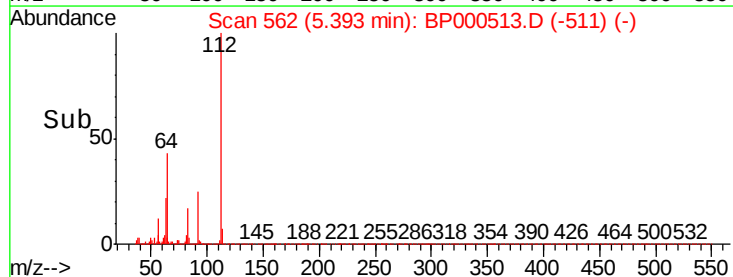
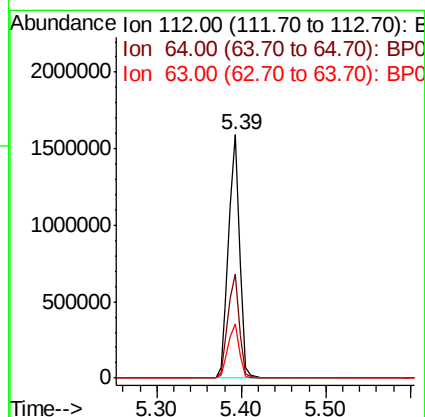
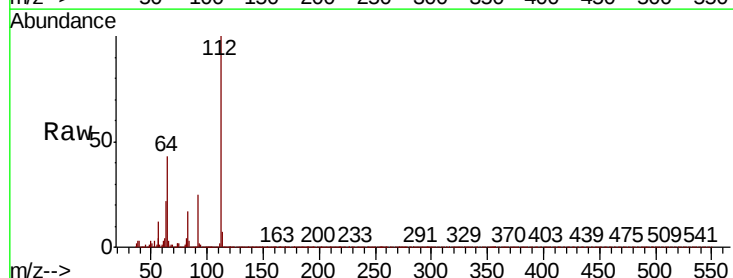
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.1	186.1
115	55.9	48.7	73.1

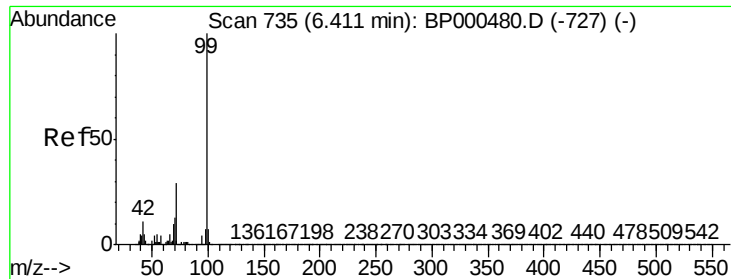


#5

2-Fluorophenol
Concen: 109.666 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.0	34.2	51.4
63	22.5	17.9	26.9





#7

Phenol-d6

Concen: 110.172 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BP000513.D

Acq: 04 Oct 2019 17:36

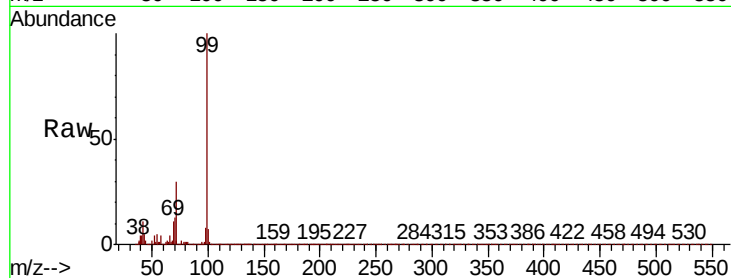
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1766541

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.6	12.8
71	30.4	23.0	34.4

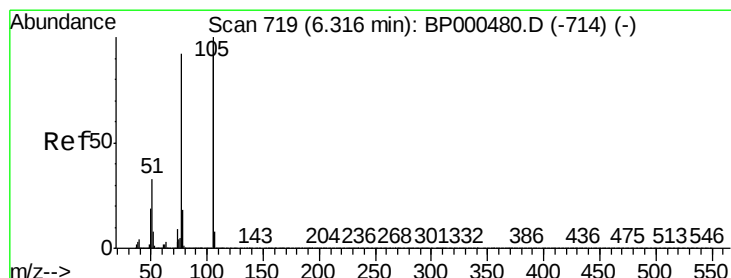
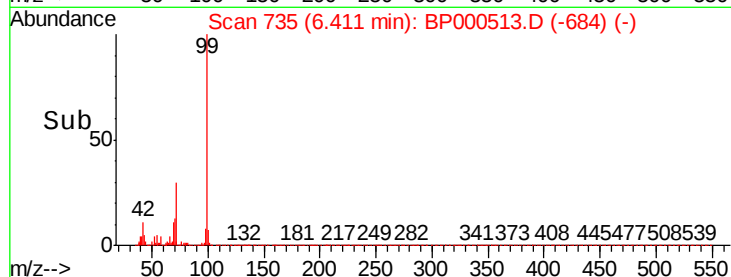
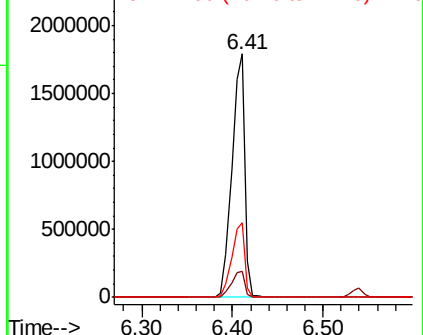


Abundance

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



#9

Benzaldehyde

Concen: 3.632 ng

RT: 6.54 min Scan# 757

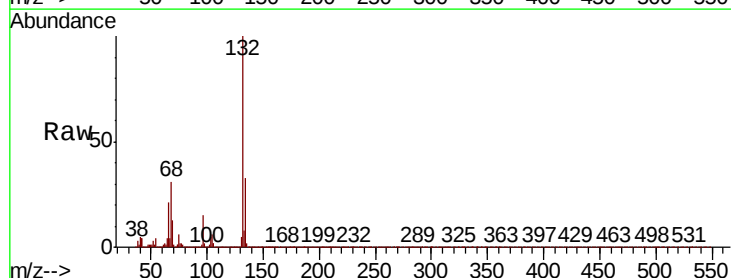
Delta R.T. 0.22 min

Lab File: BP000513.D

Acq: 04 Oct 2019 17:36

Tgt Ion: 77 Resp: 30336

Ion	Ratio	Lower	Upper
77	100		
105	96.1	88.3	128.3
106	87.0	85.7	125.7

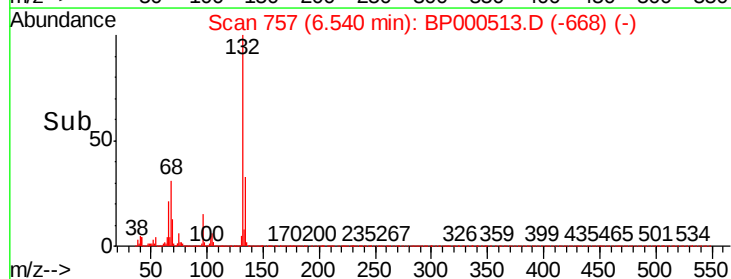
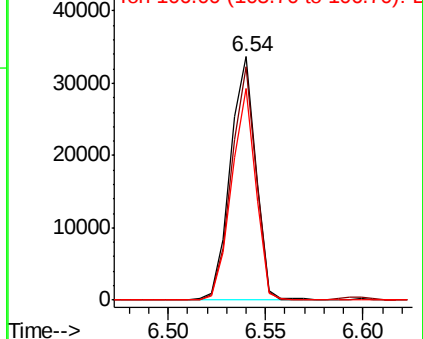


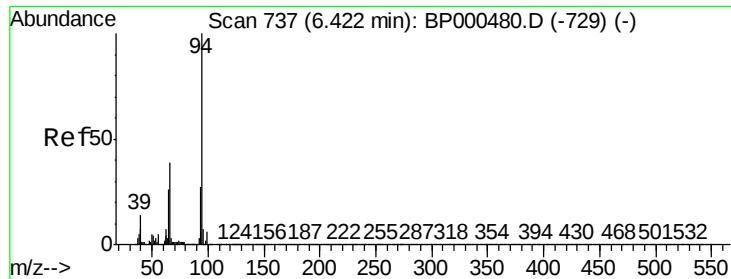
Abundance

Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

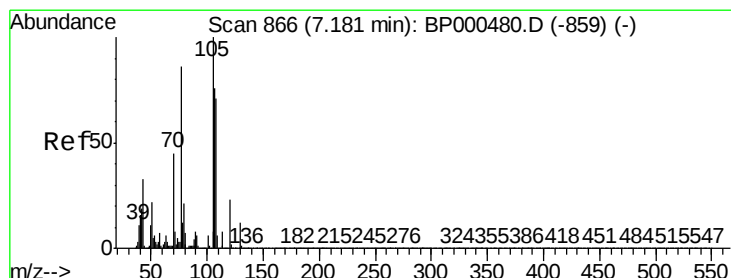
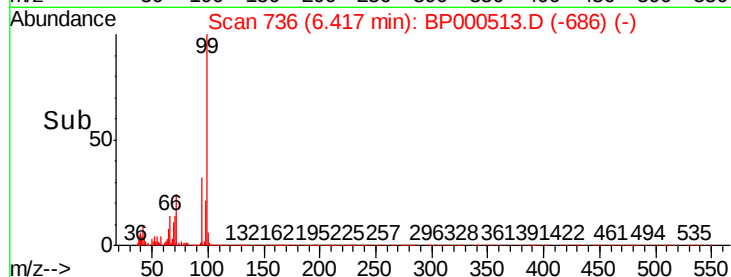
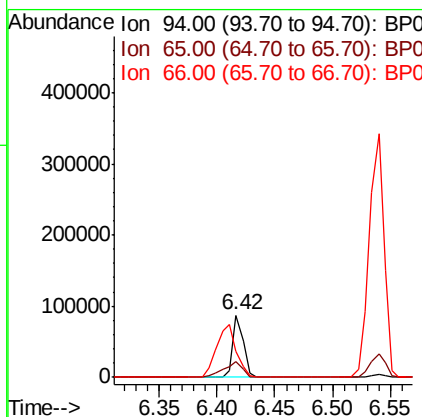
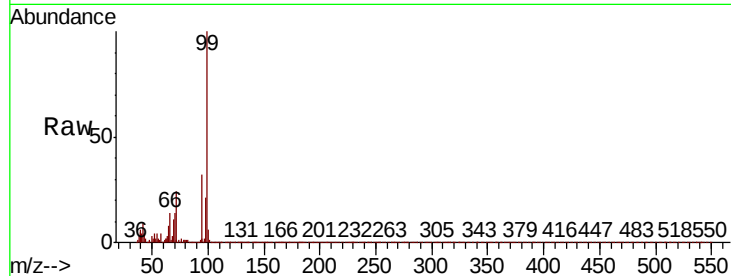




#10
Phenol
Concen: 3.426 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

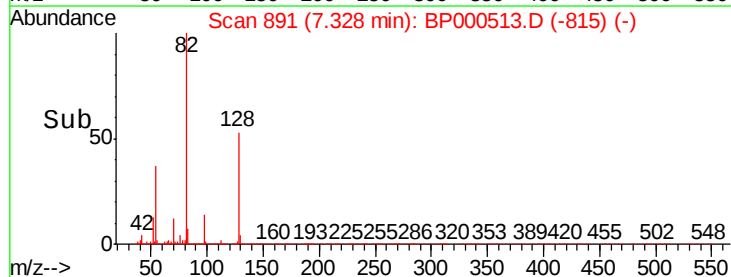
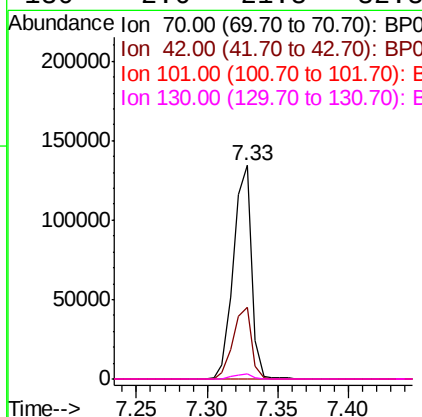
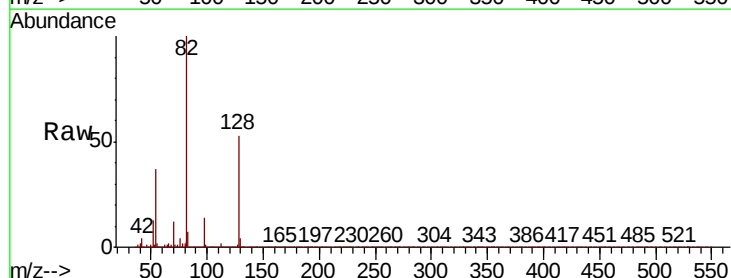
Instrument :
BNA_P
ClientSampleId :

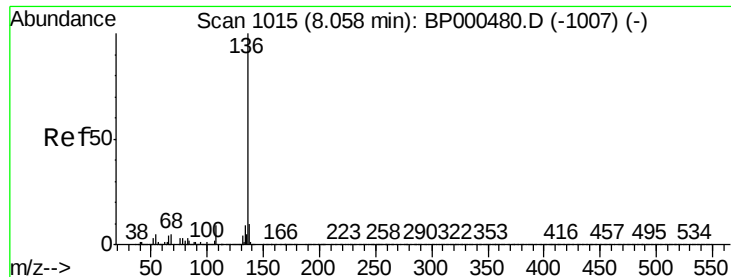
Tot Ion: 94 Resp: 56240
Ion Ratio Lower Upper
94 100
65 25.8 5.9 45.9
66 42.3 18.8 58.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.221 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Tgt Ion: 70 Resp: 119887
Ion Ratio Lower Upper
70 100
42 33.6 33.2 49.8
101 0.0 9.9 14.9#
130 2.6 21.8 32.8#

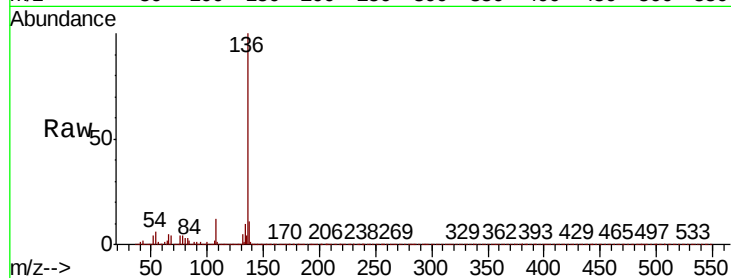




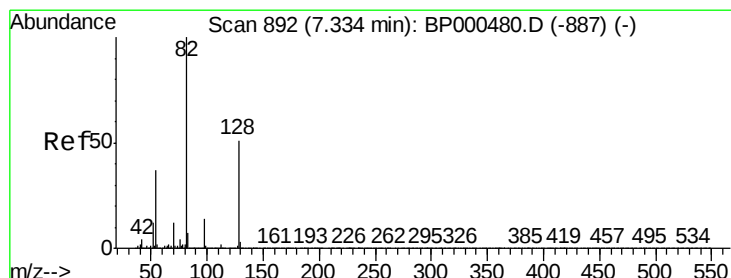
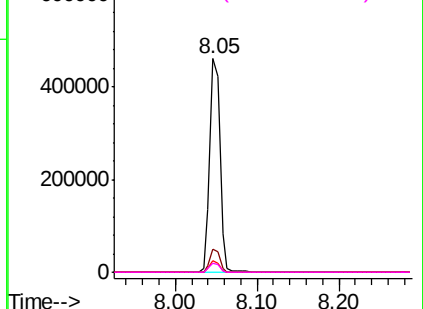
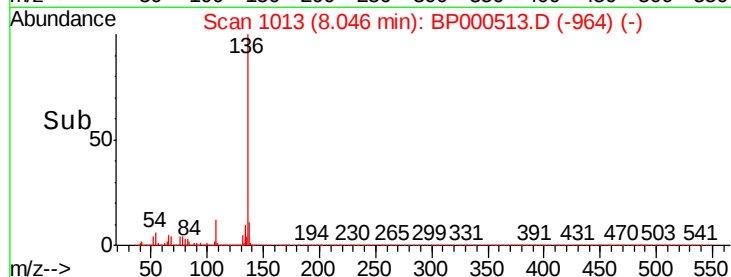
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	403247
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.2 12.4
54	5.6	4.1 6.1
68	4.4	4.1 6.1

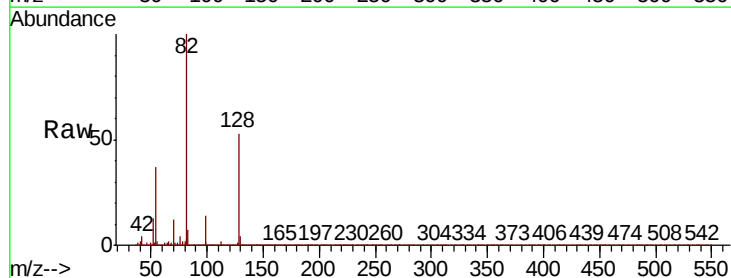


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

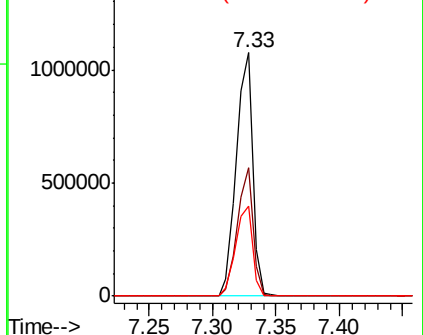
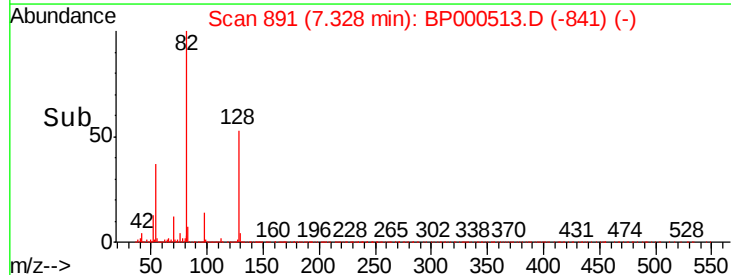


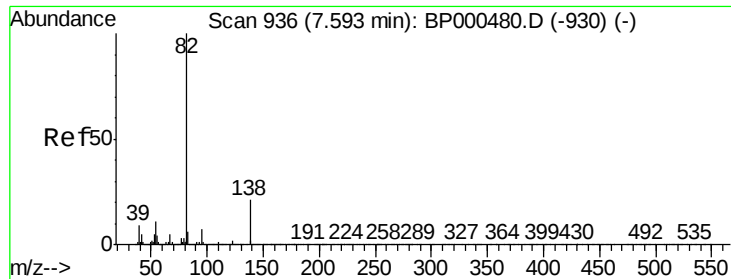
#23
Nitrobenzene-d5
Concen: 144.702 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Tgt Ion: 82	Resp:	955390
Ion	Ratio	Lower Upper
82	100	
128	52.7	40.9 61.3
54	36.8	29.4 44.2



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 81.519 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BP000513.D

Acq: 04 Oct 2019 17:36

Instrument :

BNA_P

ClientSampled :

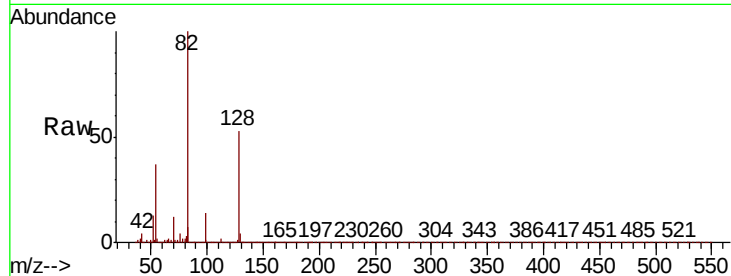
Tot Ion: 82 Resp: 955244

Ion Ratio Lower Upper

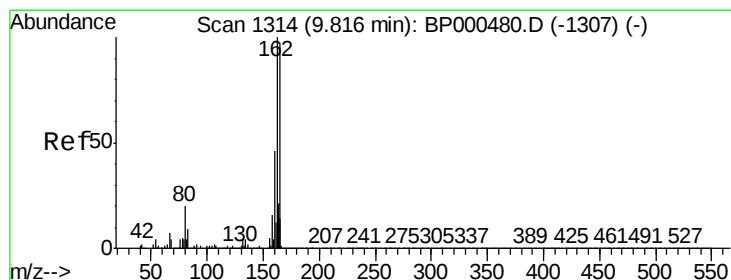
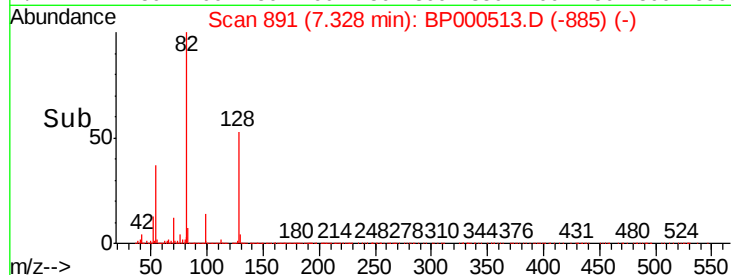
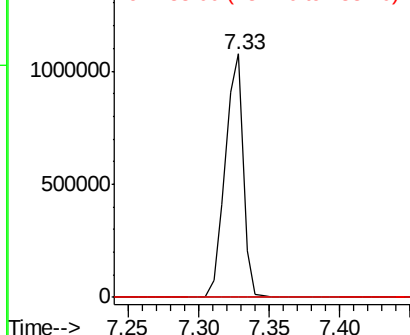
82 100

95 0.0 5.8 8.6#

138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BP000513.D

Acq: 04 Oct 2019 17:36

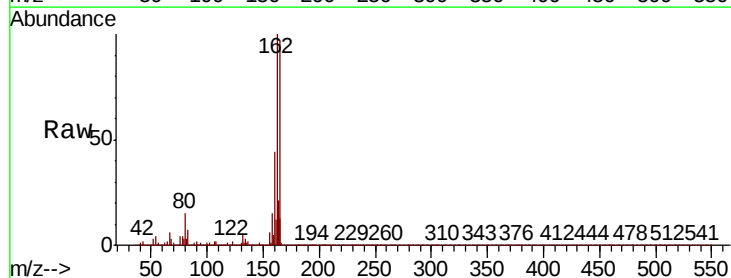
Tgt Ion: 164 Resp: 233981

Ion Ratio Lower Upper

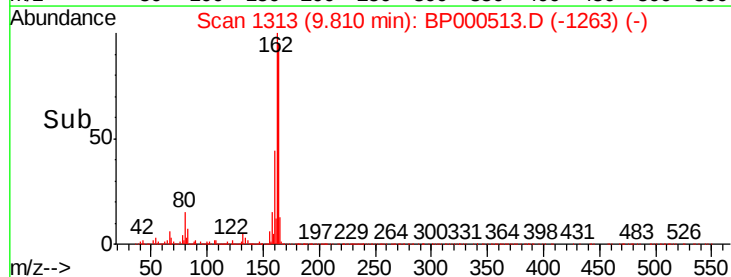
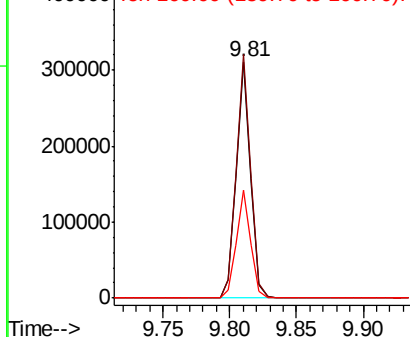
164 100

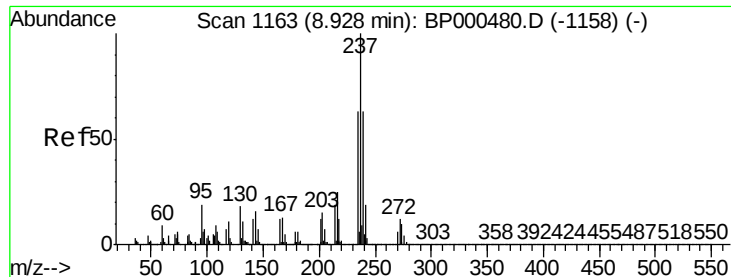
162 103.0 82.2 123.2

160 45.8 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

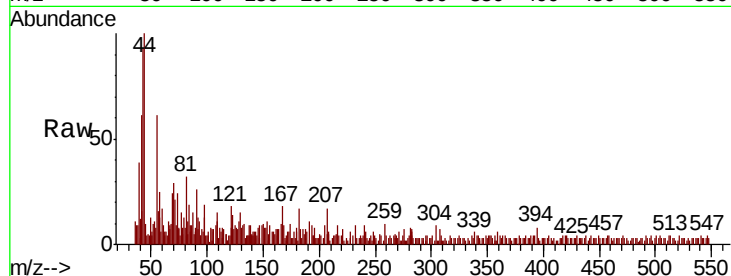




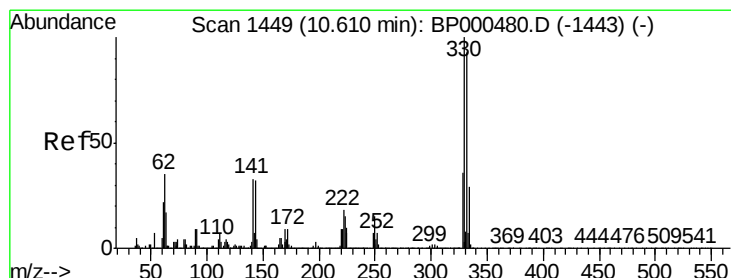
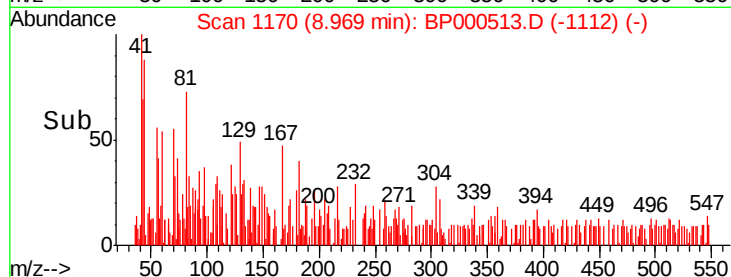
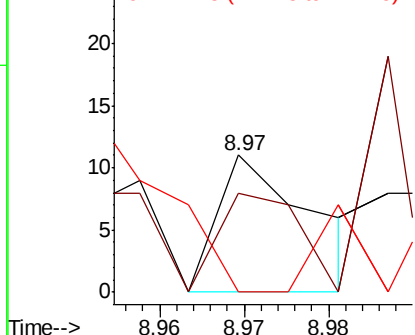
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.04 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Instrument :
BNA_P
ClientSampled :

Tot Ion: 237 Resp: 8
Ion Ratio Lower Upper
237 100
235 72.7 42.9 82.9
272 0.0 0.0 32.4

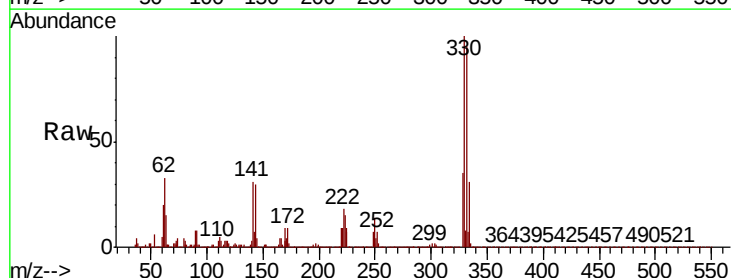


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

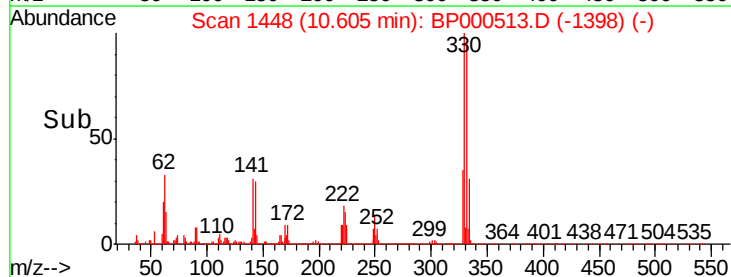
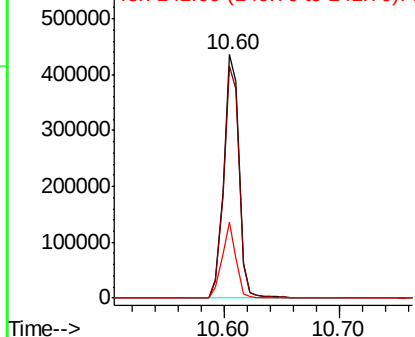


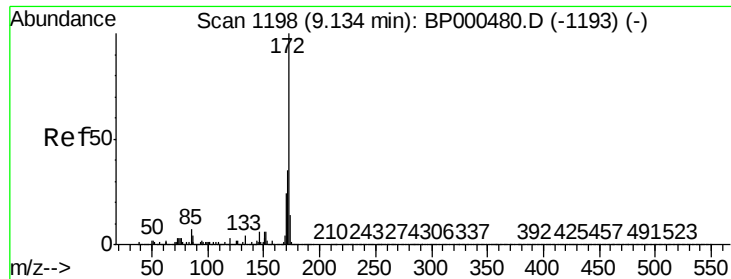
#42
2,4,6-Tribromophenol
Concen: 161.369 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Tgt Ion: 330 Resp: 402349
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 28.6 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

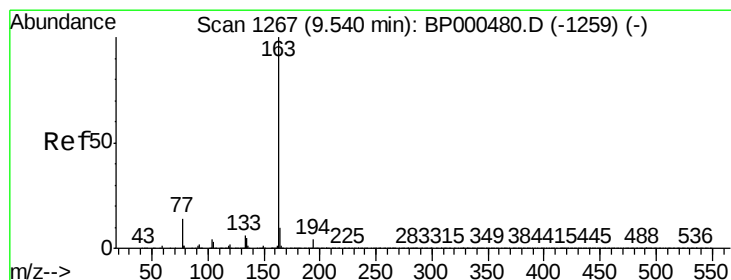
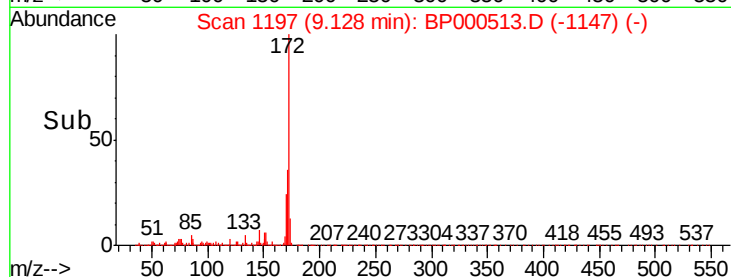
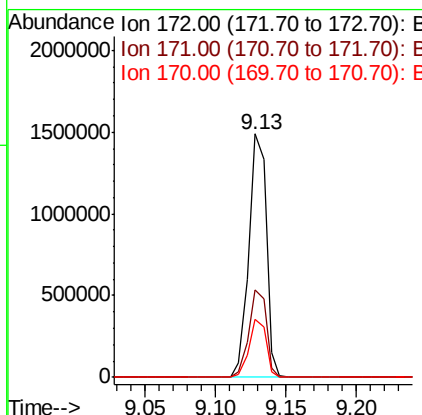
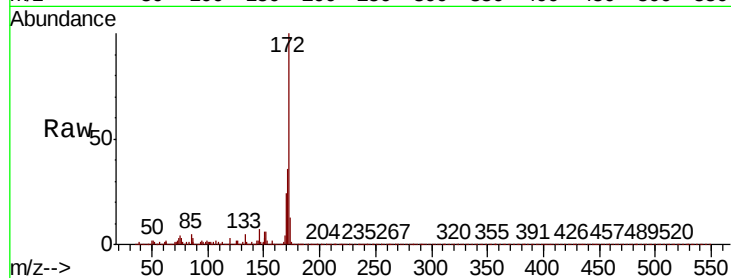




#45
2-Fluorobiphenyl
Concen: 89.919 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

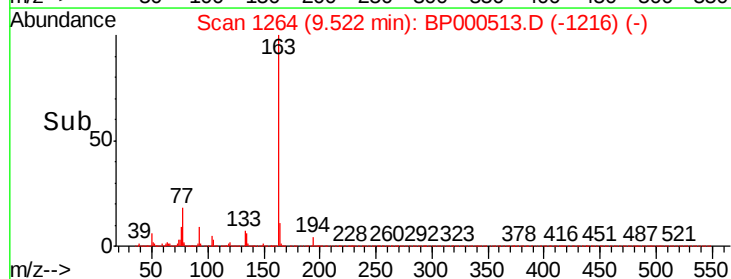
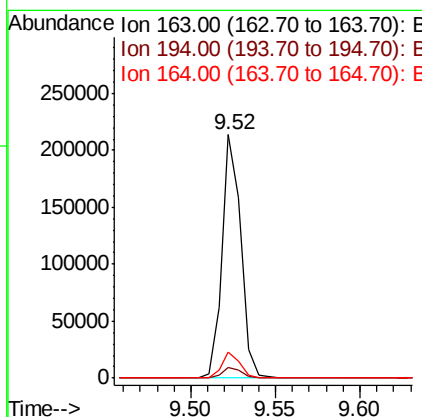
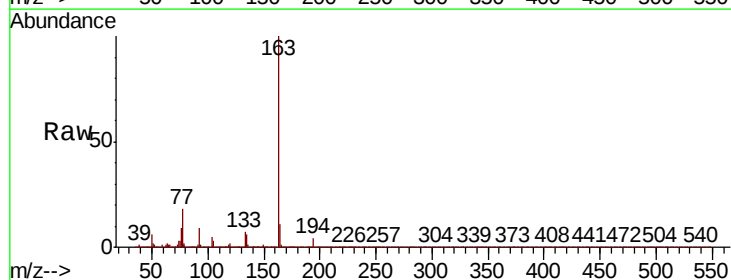
Instrument :
BNA_P
ClientSampleId :

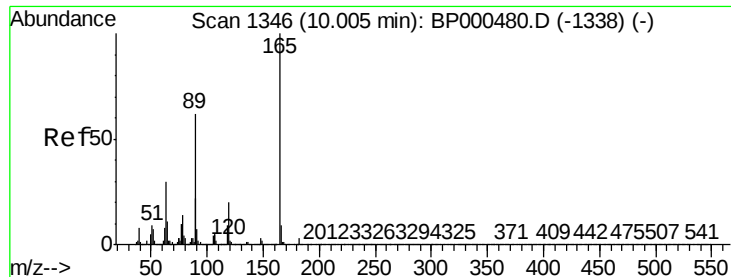
Tot Ion:172 Resp: 1300335
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.9 19.1 28.7



#50
Dimethylphthalate
Concen: 10.193 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Tgt Ion:163 Resp: 165724
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.5 8.0 12.0

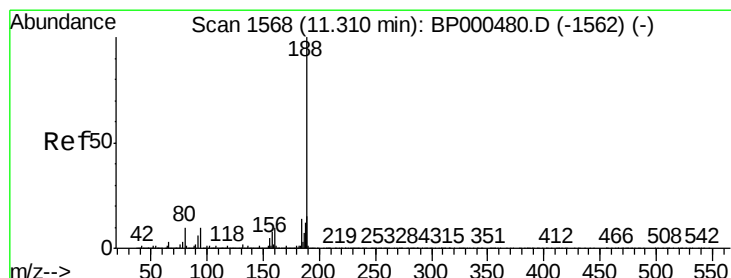
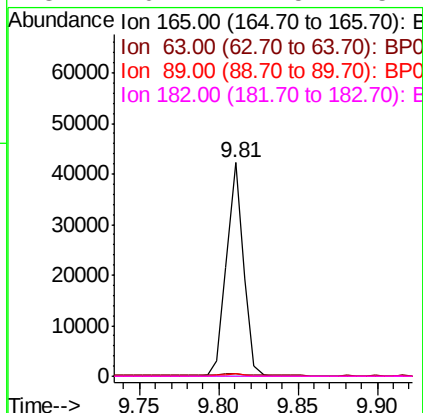
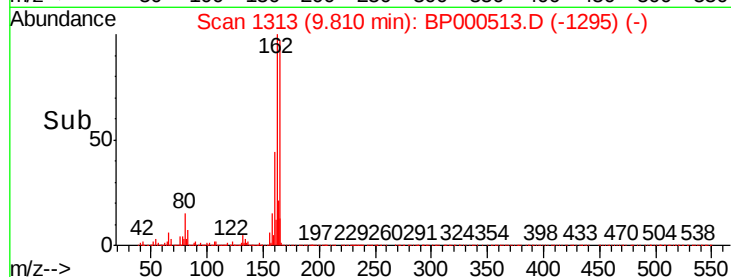
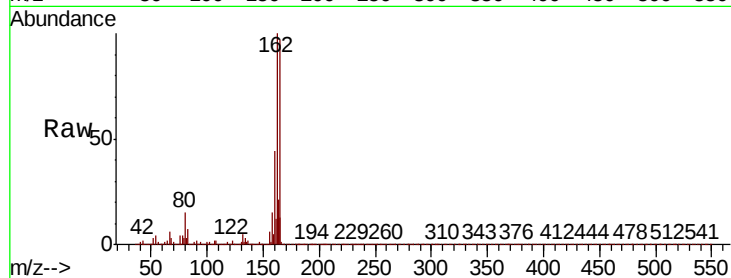




#57
2,4-Dinitrotoluene
Concen: 6.685 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

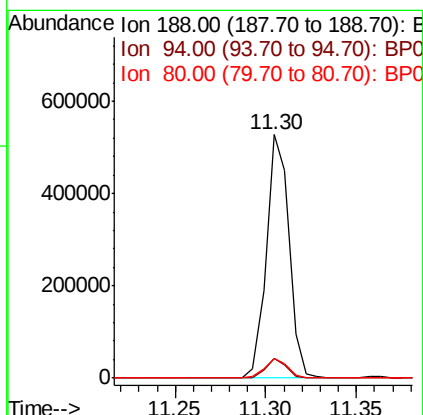
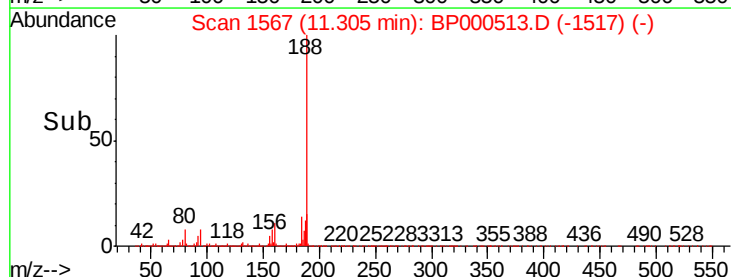
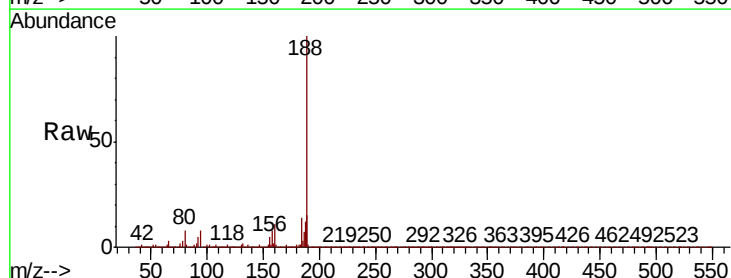
Instrument :
BNA_P
ClientSampleId :

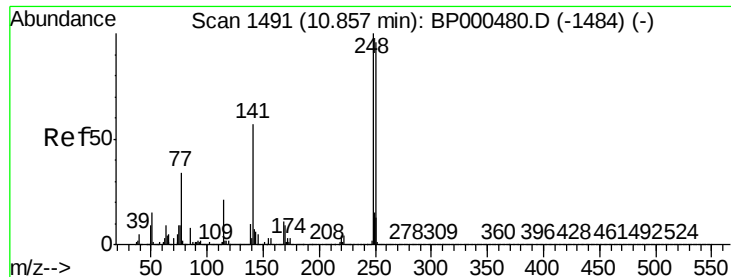
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.0	49.4	74.0#
182	0.1	2.5	3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.2	8.3	12.5#

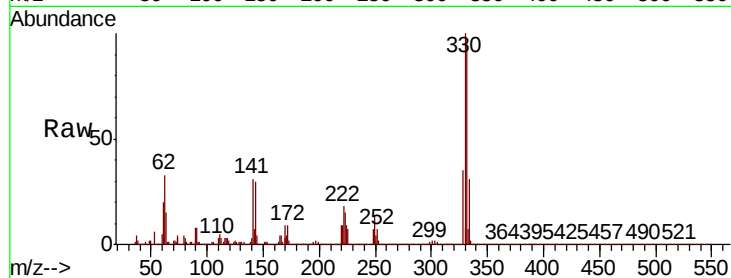




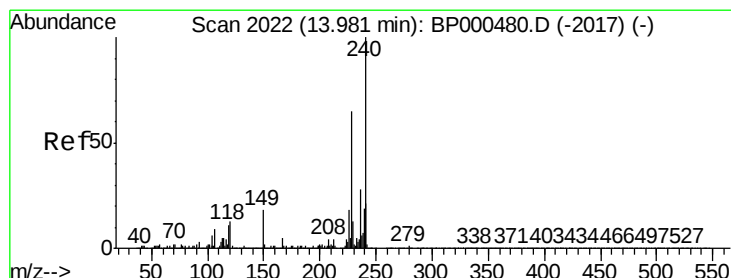
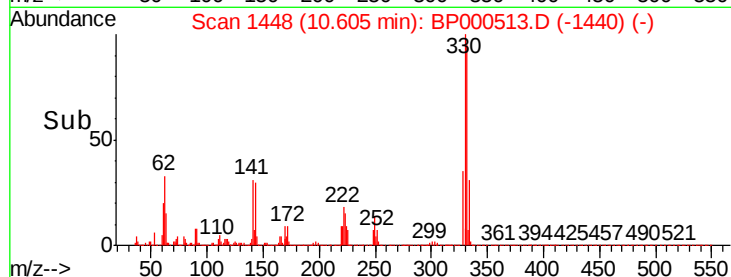
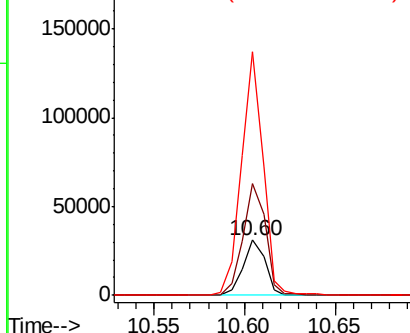
#67
4-Bromophenyl-phenylether
Concen: 5.167 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 26616
Ion Ratio Lower Upper
248 100
250 202.6 77.2 115.8#
141 441.3 45.3 67.9#

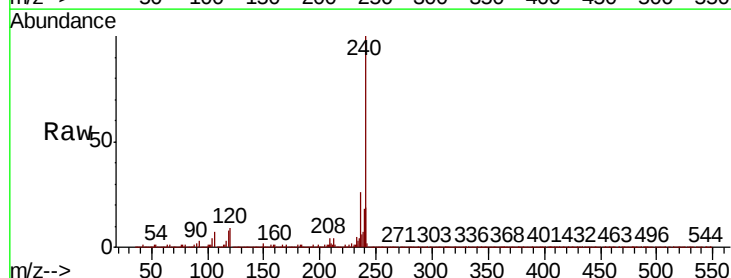


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

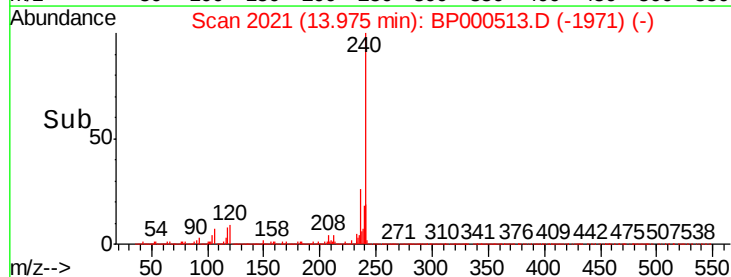
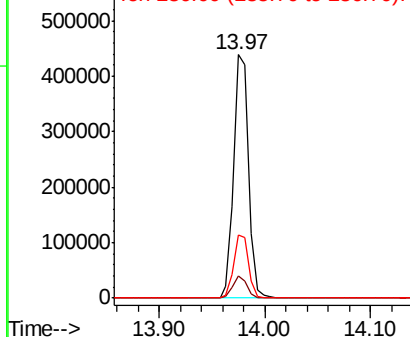


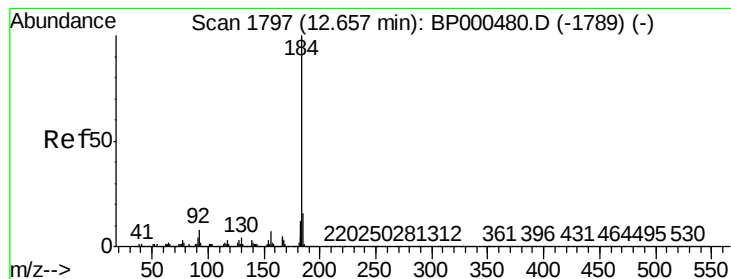
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Tgt Ion:240 Resp: 421895
Ion Ratio Lower Upper
240 100
120 9.3 10.1 15.1#
236 25.9 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





#77

Benzidine

Concen: 2.019 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.26 min

Lab File: BP000513.D

Acq: 04 Oct 2019 17:36

Instrument :

BNA_P

ClientSampleId :

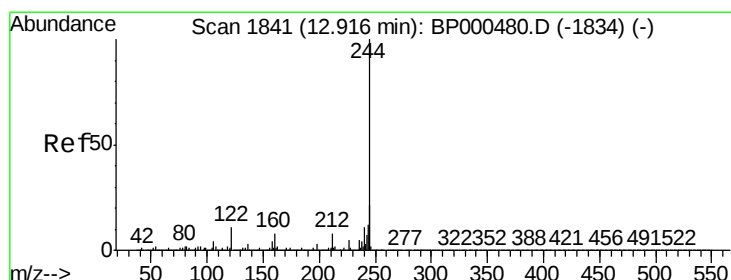
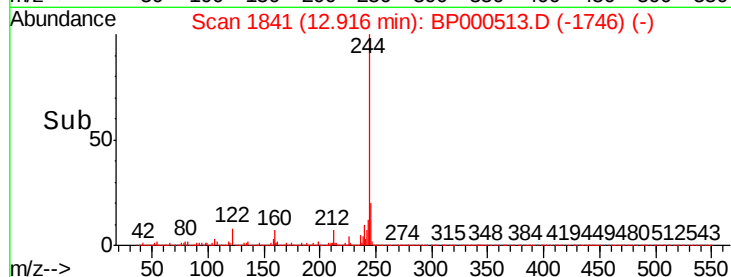
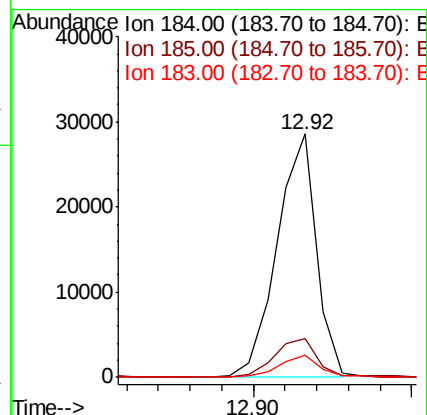
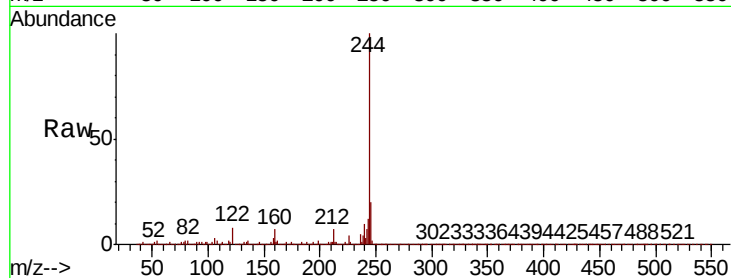
Tot Ion:184 Resp: 24662

Ion Ratio Lower Upper

184 100

185 15.8 12.7 19.1

183 9.2 9.7 14.5#



#79

Terphenyl-d14

Concen: 85.628 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BP000513.D

Acq: 04 Oct 2019 17:36

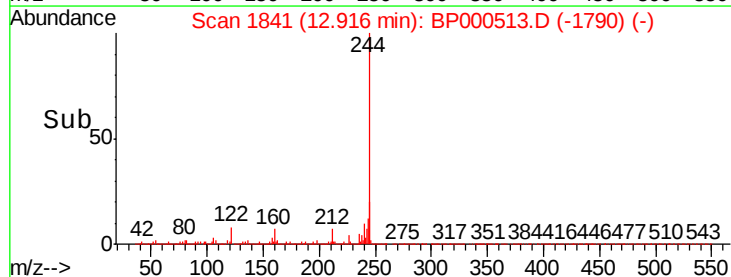
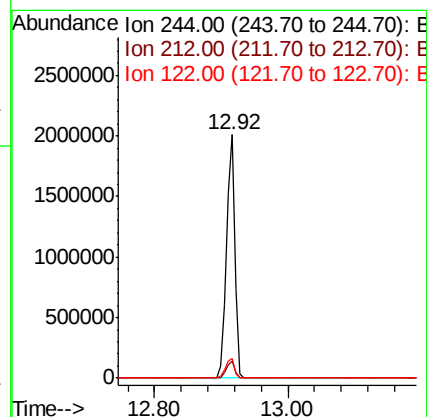
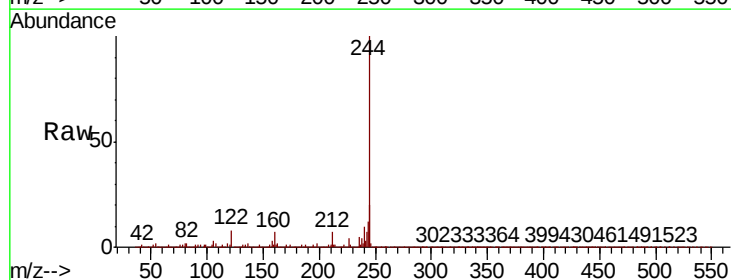
Tgt Ion:244 Resp: 1784251

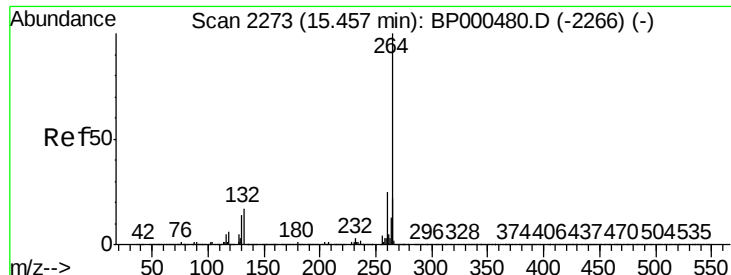
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 7.9 8.9 13.3#

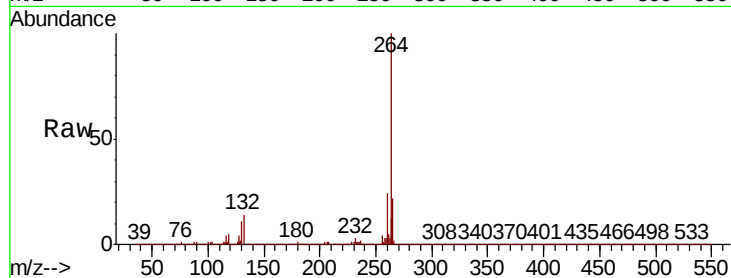




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BP000513.D
Acq: 04 Oct 2019 17:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	653165
Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	21.6	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

