

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000683.D
 Acq On : 12 Oct 2019 21:34
 Operator : JU
 Sample : K5266-07RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 04:37:58 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

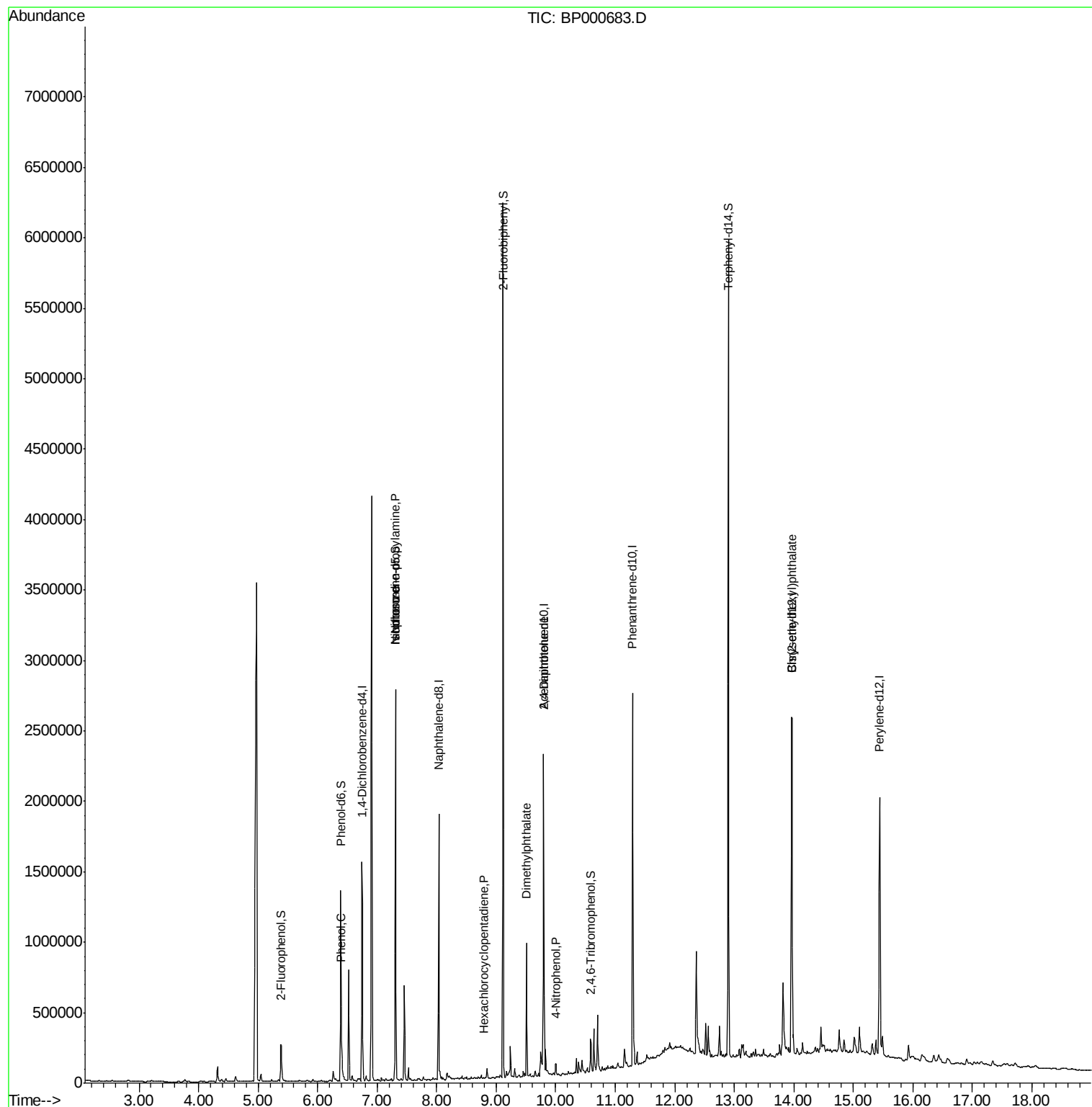
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	237280	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	863509	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	479148	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	883921	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	784376	20.00	ng	-0.01
87) Perylene-d12	15.44	264	878644	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	115067	7.80	ng	0.00
7) Phenol-d6	6.39	99	571185	32.11	ng	-0.02
23) Nitrobenzene-d5	7.31	82	877100	62.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	28812	5.64	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1828887	61.76	ng	-0.02
79) Terphenyl-d14	12.90	244	2083950	53.79	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	50082	2.750	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	106471	12.986	ng	# 73
25) Isophorone	7.31	82	876215	34.919	ng	# 61
41) Hexachlorocyclopentadiene	8.80	237	13	7.299	ng	80
50) Dimethylphthalate	9.51	163	337387	10.134	ng	99
56) 4-Nitrophenol	10.00	139	11320	2.131	ng	# 21
57) 2,4-Dinitrotoluene	9.79	165	63325	6.578	ng	# 32
84) Bis(2-ethylhexyl)phthalate	13.96	149	131689	4.442	ng	98

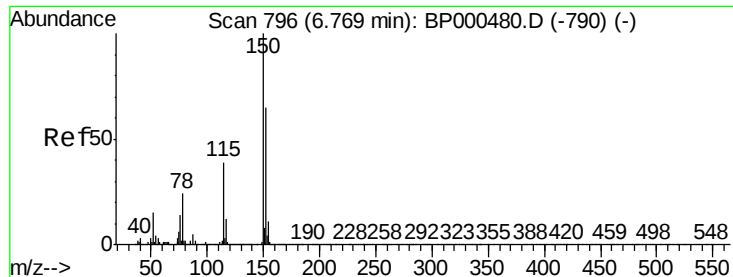
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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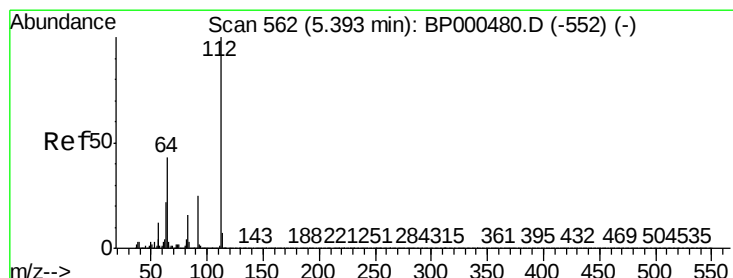
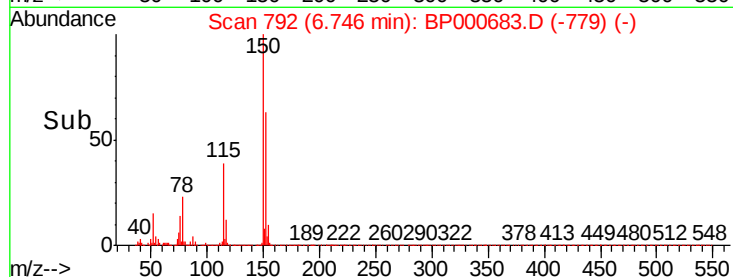
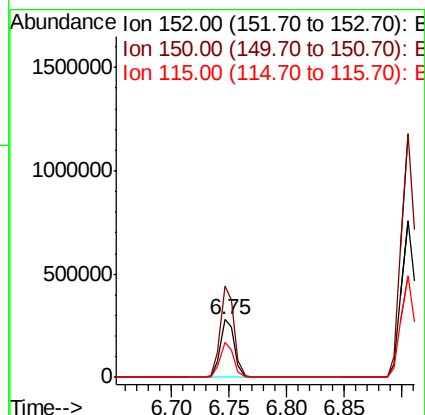
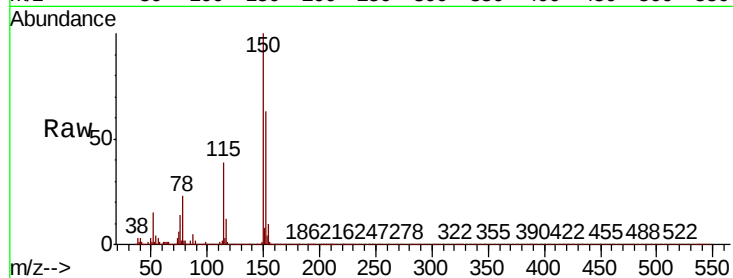


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

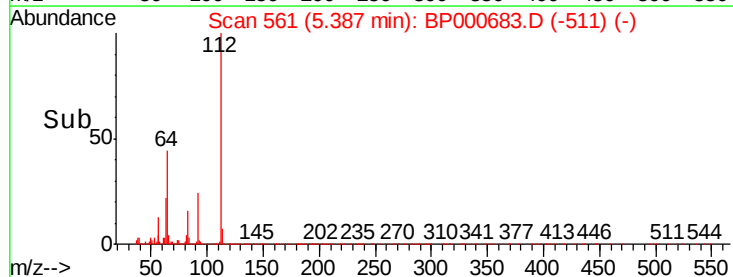
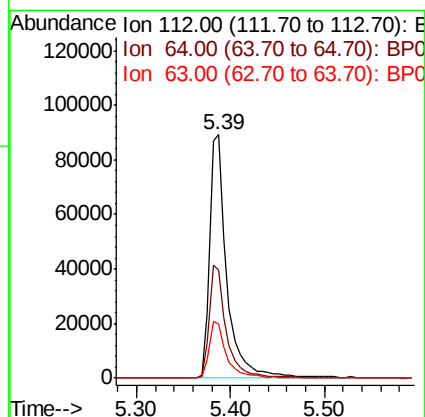
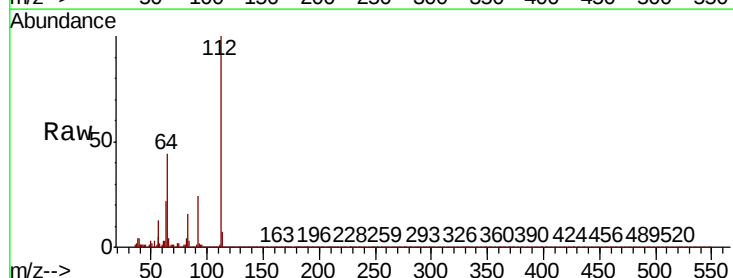
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.1	186.1
115	61.0	48.7	73.1

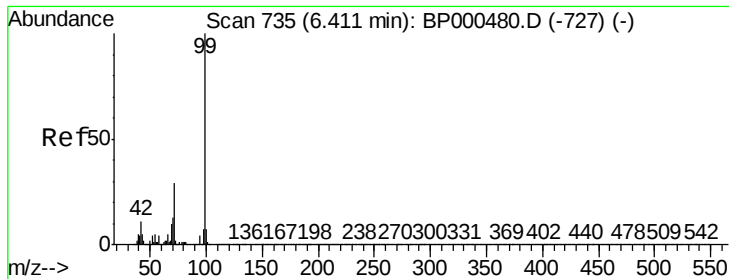


#5

2-Fluorophenol
Concen: 7.795 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	34.2	51.4
63	22.4	17.9	26.9





#7

Phenol-d6

Concen: 32.111 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000683.D

Acq: 12 Oct 2019 21:34

Instrument :

BNA_P

ClientSampleId :

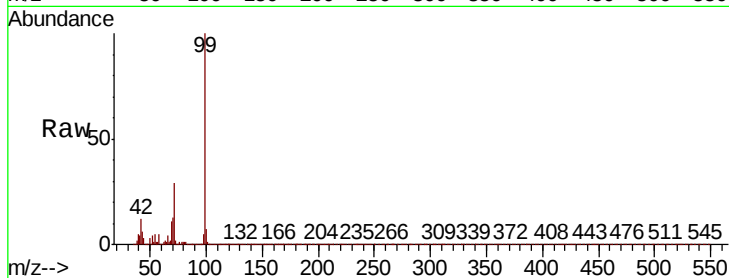
Tot Ion: 99 Resp: 571185

Ion Ratio Lower Upper

99 100

42 11.8 8.6 12.8

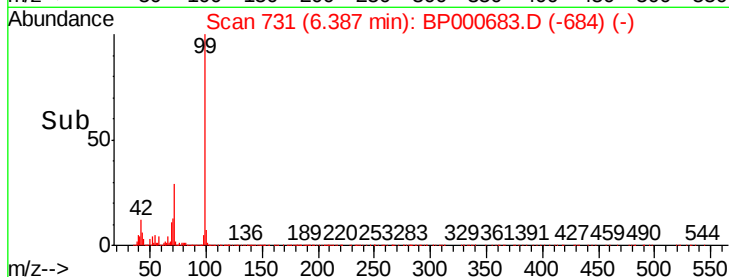
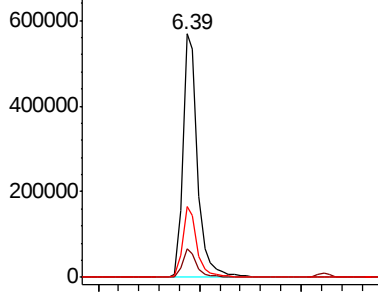
71 29.3 23.0 34.4



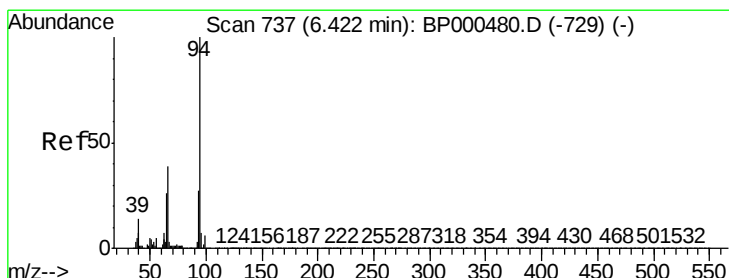
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#10

Phenol

Concen: 2.750 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000683.D

Acq: 12 Oct 2019 21:34

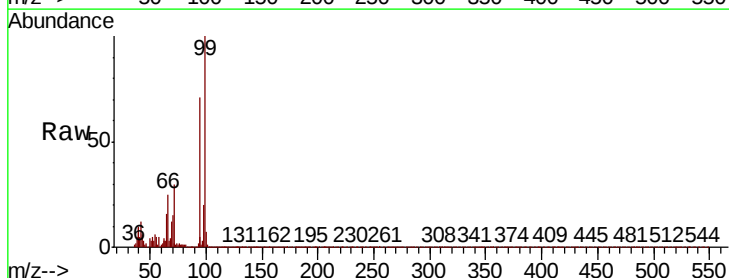
Tgt Ion: 94 Resp: 50082

Ion Ratio Lower Upper

94 100

65 23.2 5.9 45.9

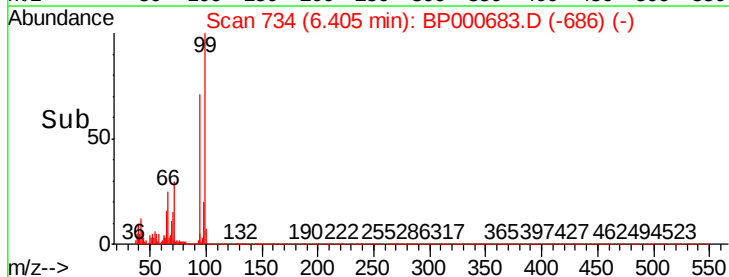
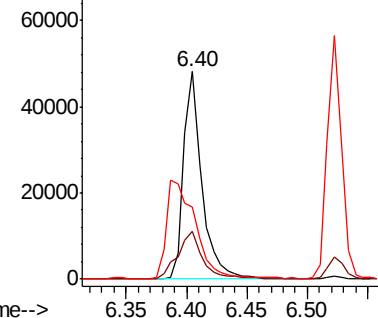
66 34.9 18.8 58.8



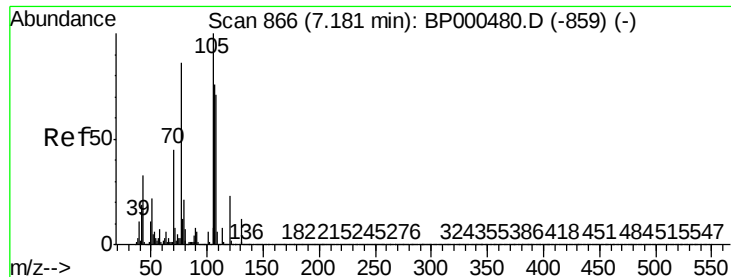
Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



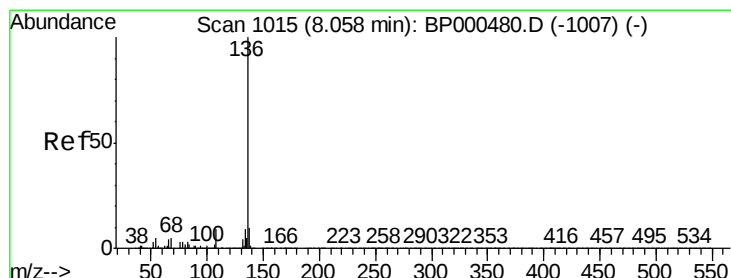
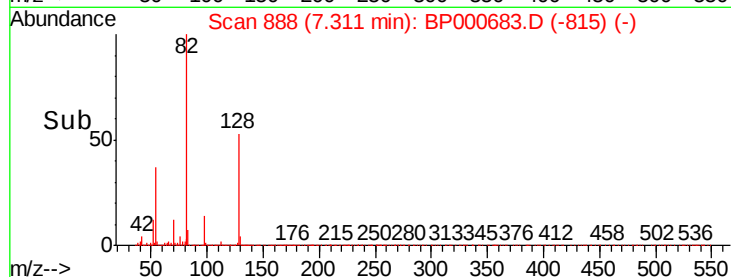
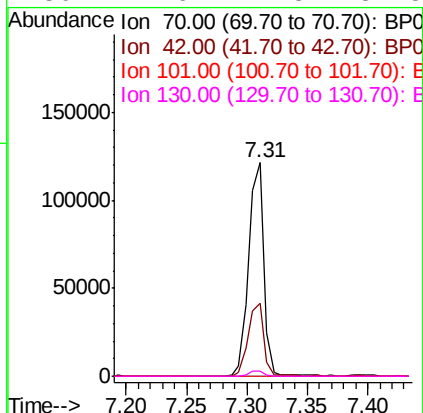
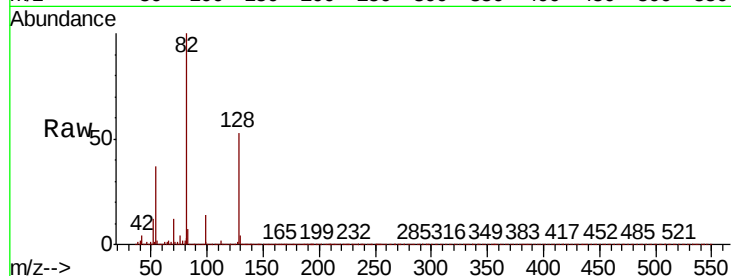
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 12.986 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

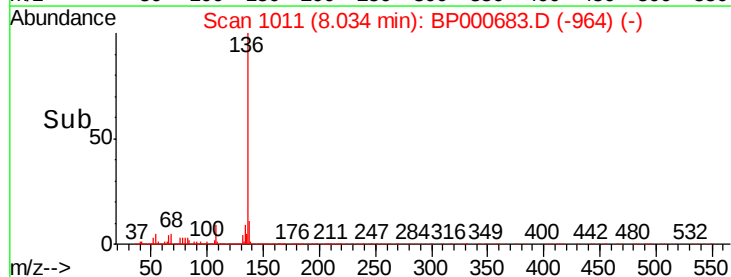
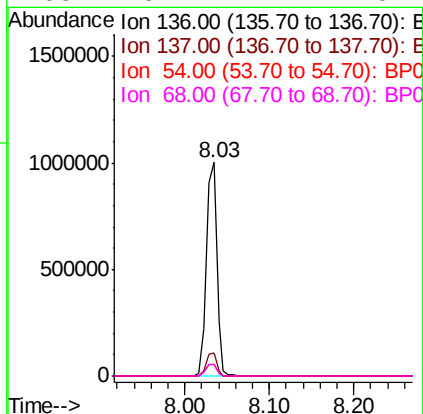
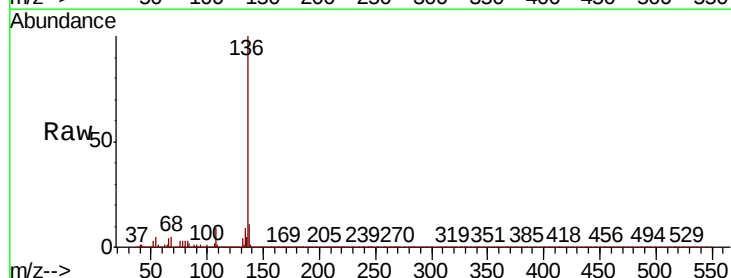
Instrument :
BNA_P
ClientSampleId :

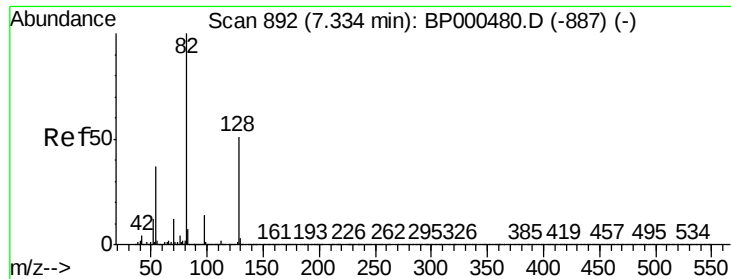
Tot Ion: 70 Resp: 106471
Ion Ratio Lower Upper
70 100
42 33.9 33.2 49.8
101 0.1 9.9 14.9#
130 2.6 21.8 32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Tgt Ion:136 Resp: 863509
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 5.1 4.1 6.1
68 5.2 4.1 6.1

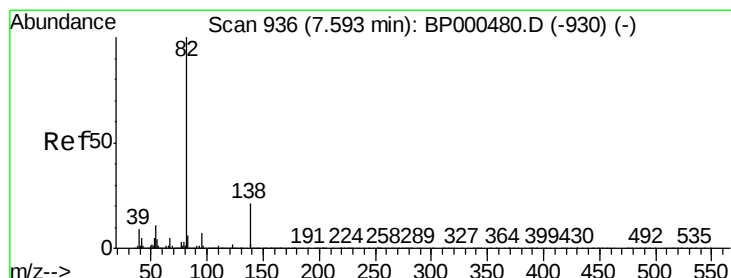
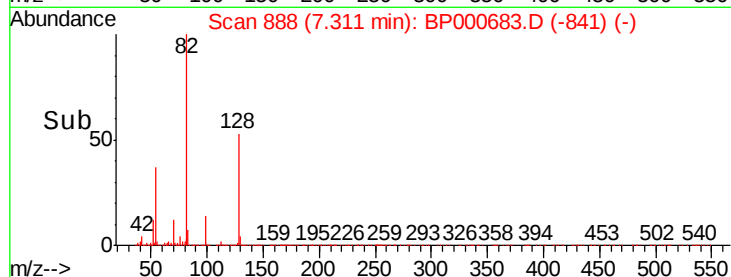
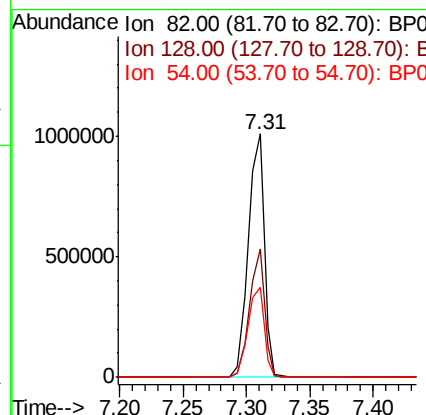
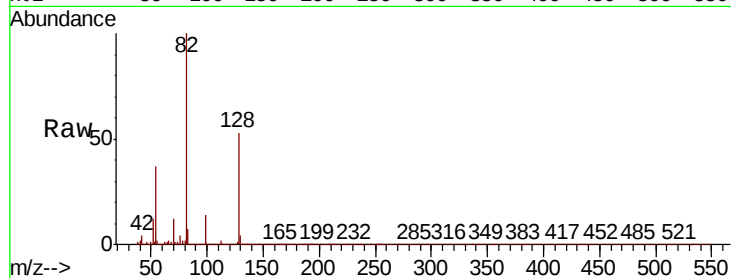




#23
 Nitrobenzene-d5
 Concen: 62.037 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000683.D
 Acq: 12 Oct 2019 21:34

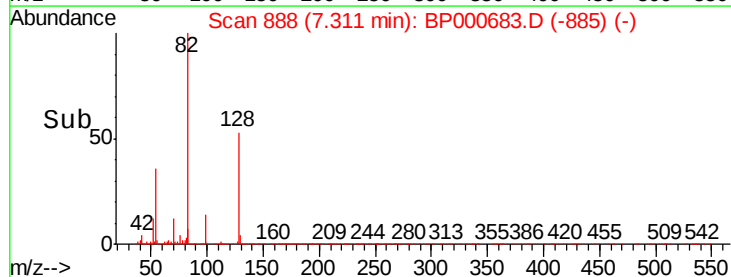
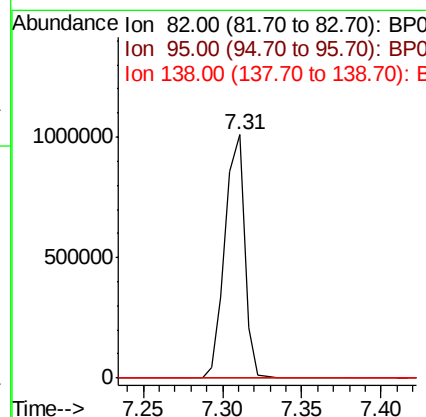
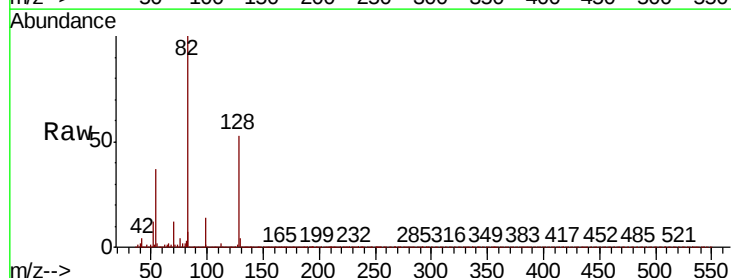
Instrument :
 BNA_P
 ClientSampleId :

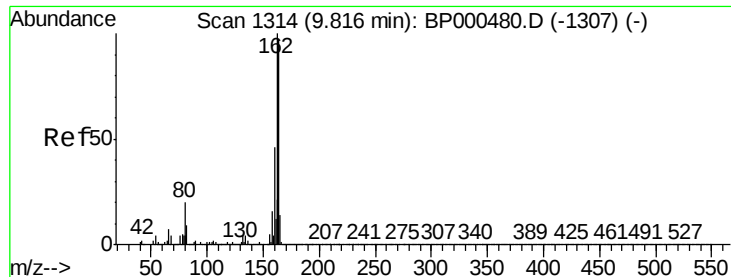
Tot Ion	82	Resp	877100
Ion Ratio	Lower	Upper	
82	100		
128	52.6	40.9	61.3
54	36.7	29.4	44.2



#25
 Isophorone
 Concen: 34.919 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000683.D
 Acq: 12 Oct 2019 21:34

Tgt Ion	82	Resp	876215
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

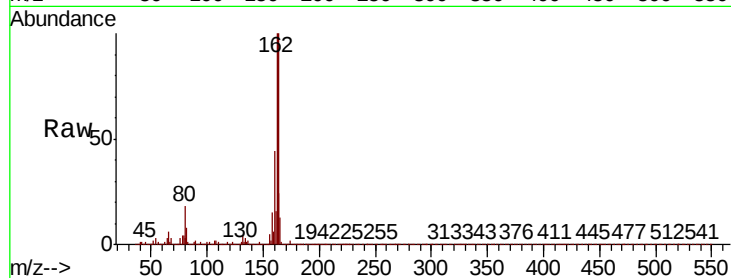




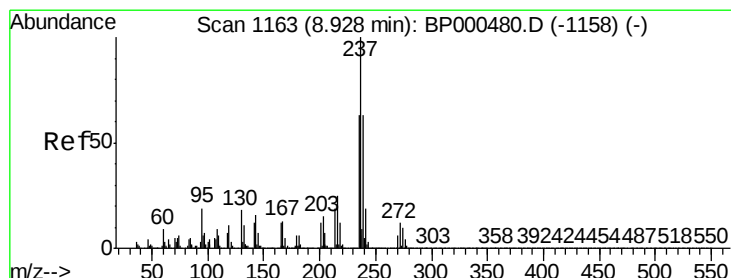
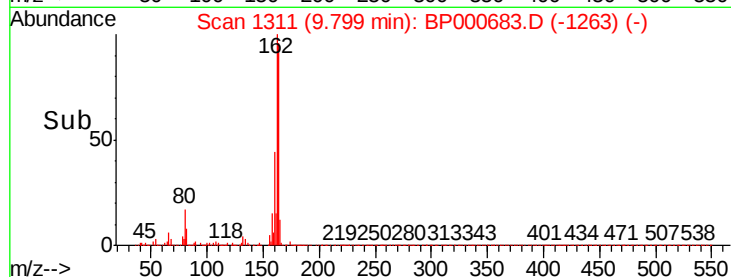
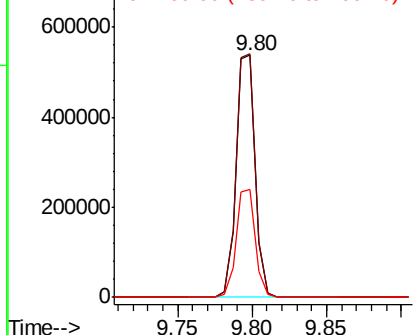
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:164 Resp: 479148
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 44.4 37.6 56.4

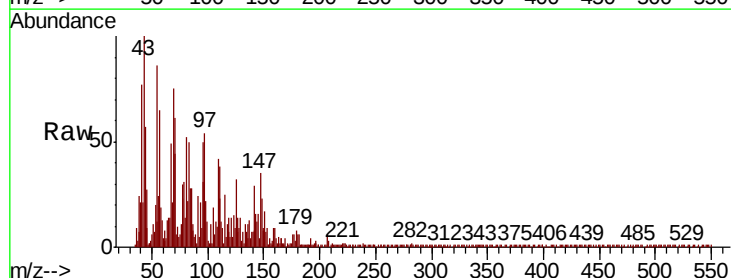


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

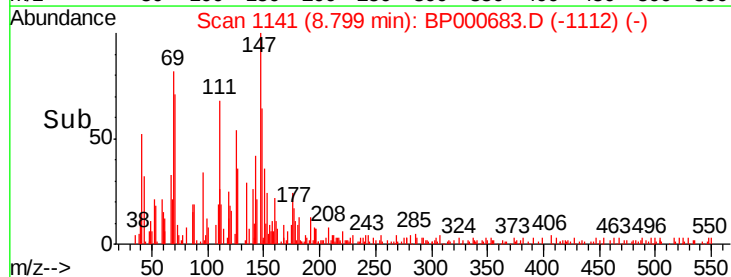
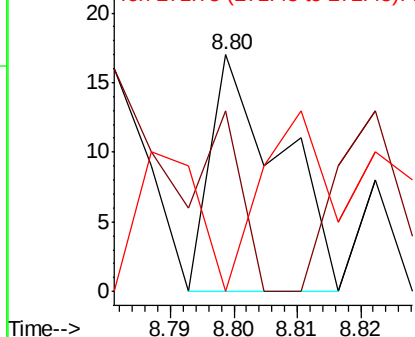


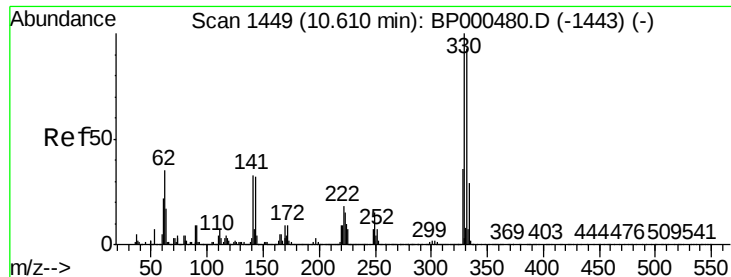
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.13 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 76.5 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

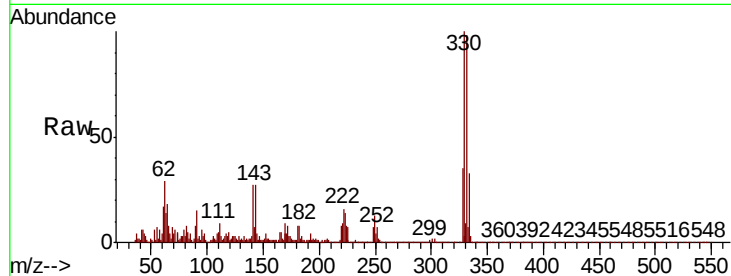




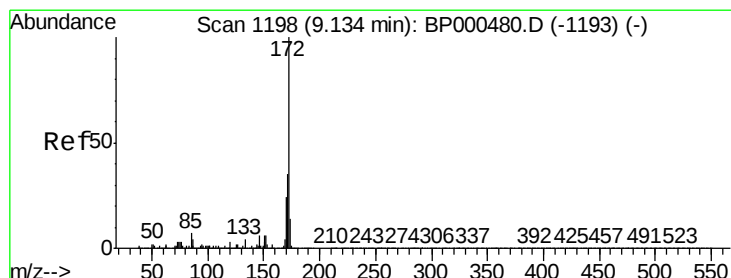
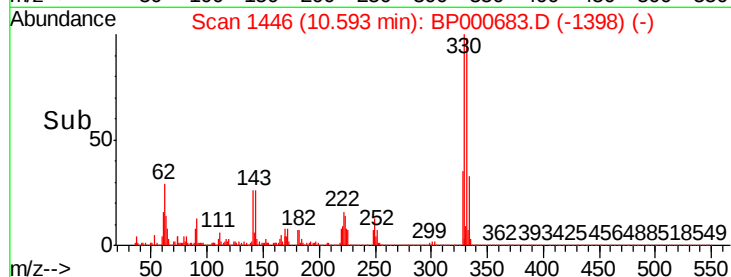
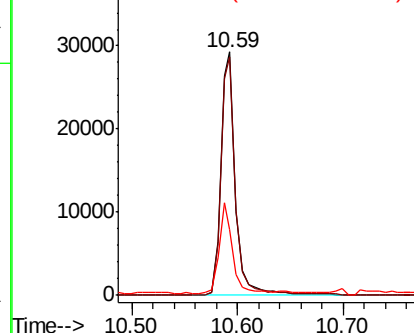
#42
2,4,6-Tribromophenol
Concen: 5.643 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 28812
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 33.9 26.0 39.0

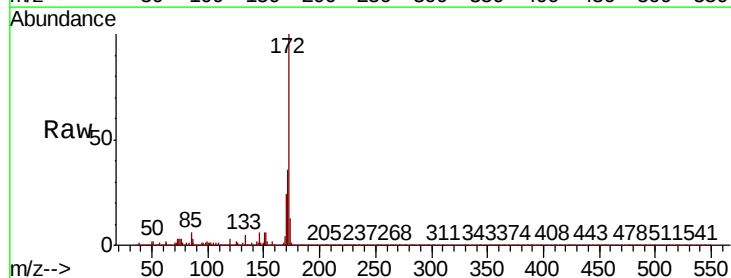


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

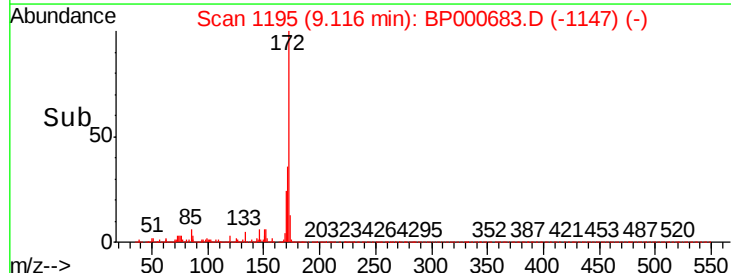
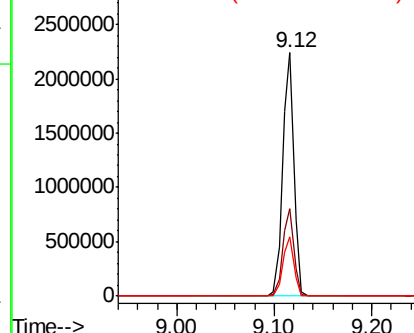


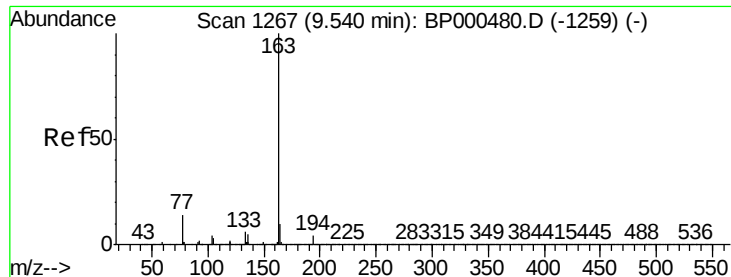
#45
2-Fluorobiphenyl
Concen: 61.758 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Tgt Ion:172 Resp: 1828887
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.2 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

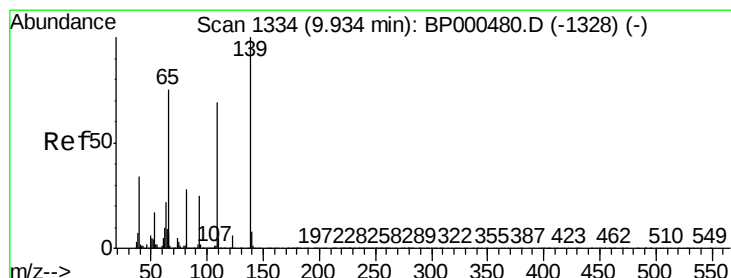
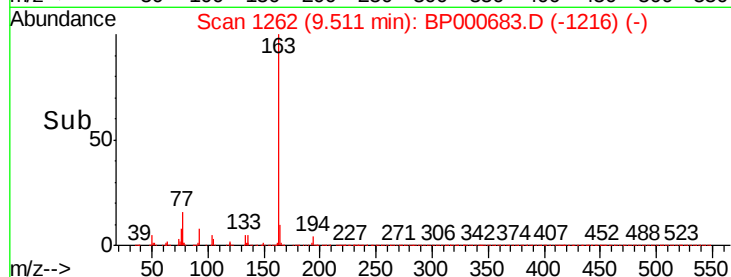
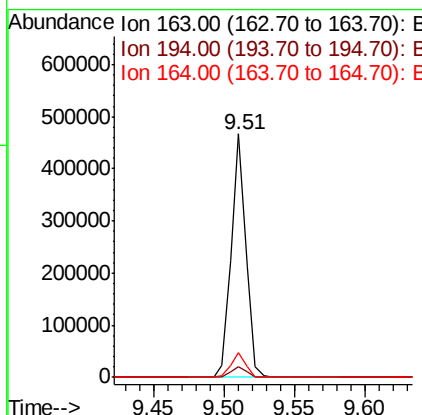
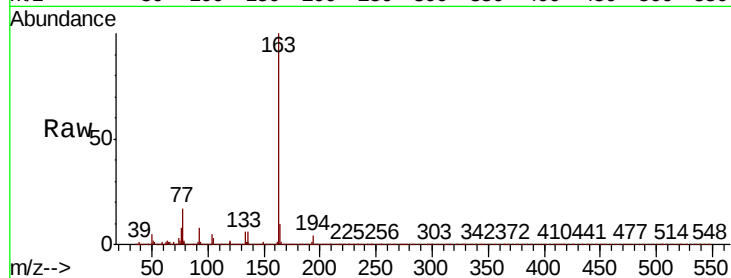




#50
Dimethylphthalate
Concen: 10.134 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

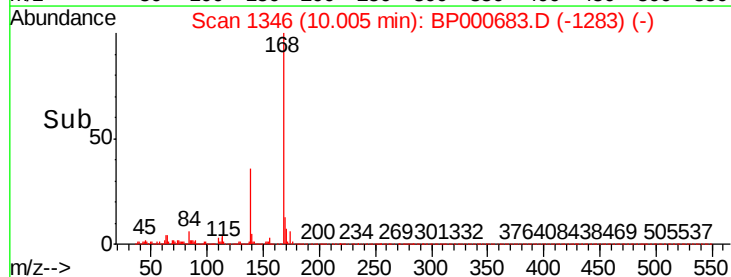
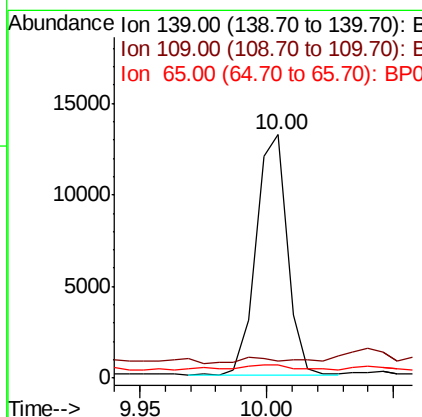
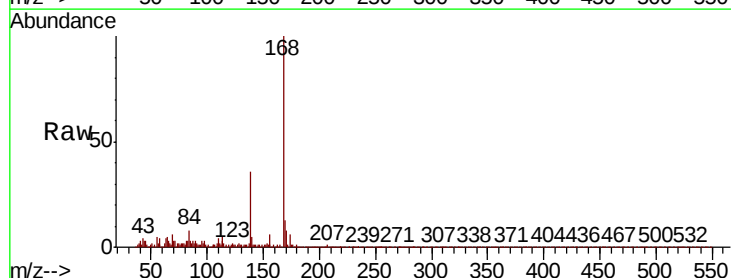
Instrument :
BNA_P
ClientSampleId :

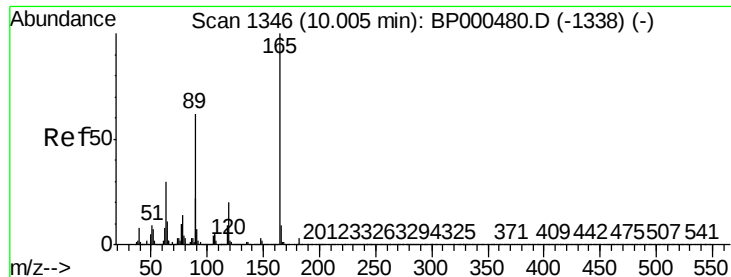
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.0	12.0



#56
4-Nitrophenol
Concen: 2.131 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.07 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	6.7	48.6	88.6#
65	5.4	55.3	95.3#

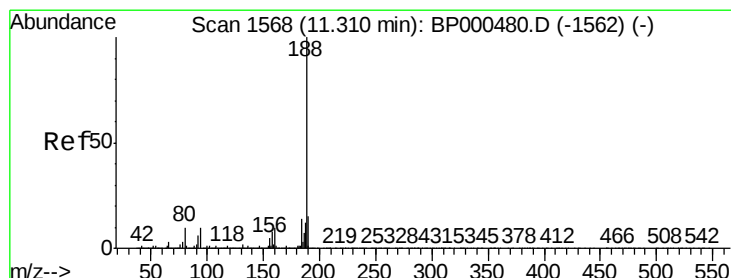
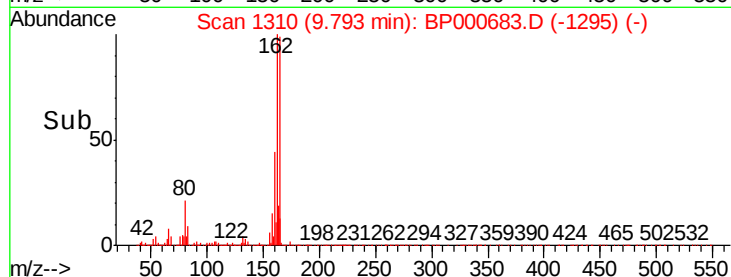
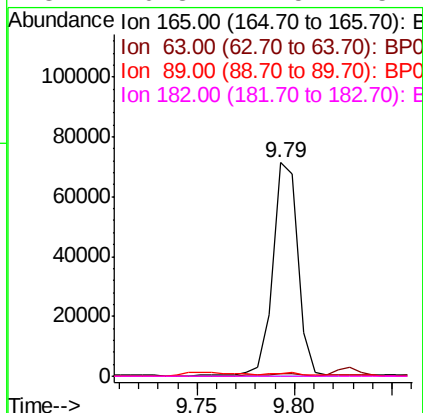
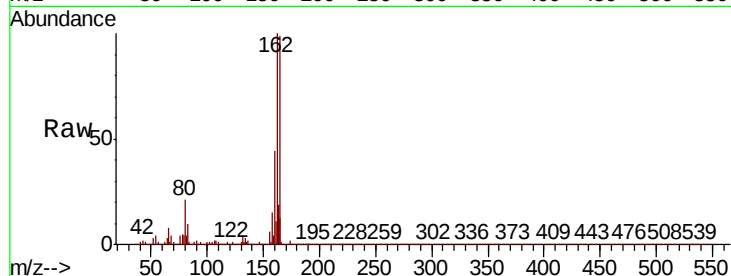




#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

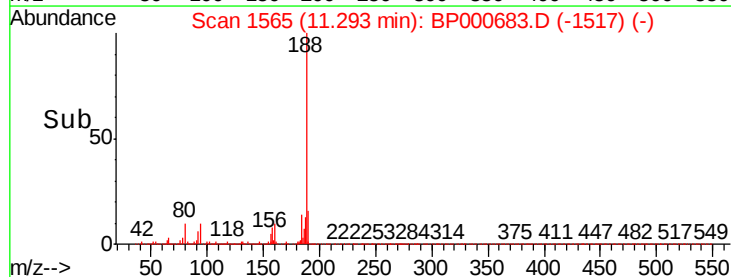
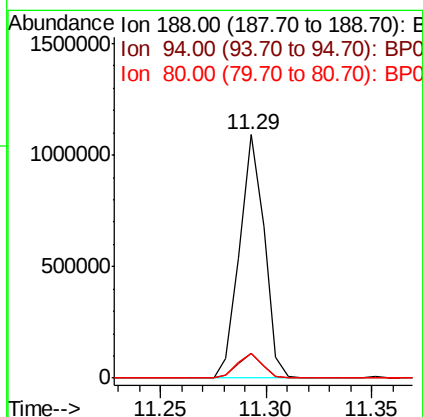
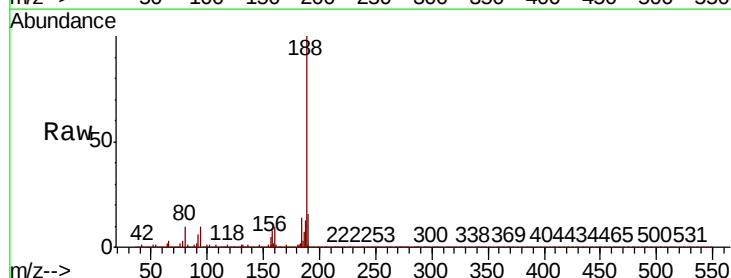
Instrument :
BNA_P
ClientSampled :

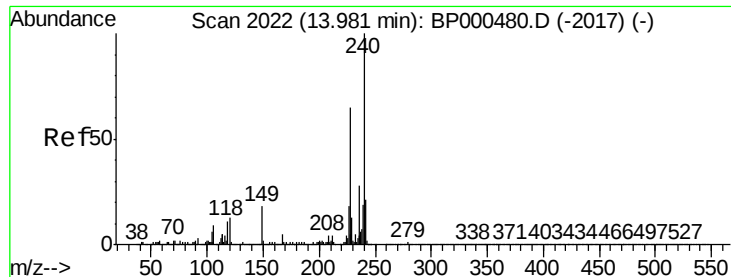
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.5	49.4	74.0#
182	0.3	2.5	3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.2	8.3	12.5

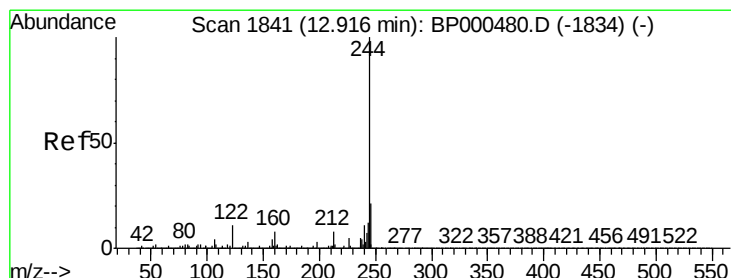
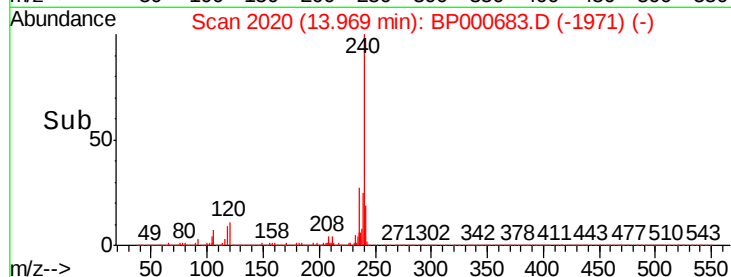
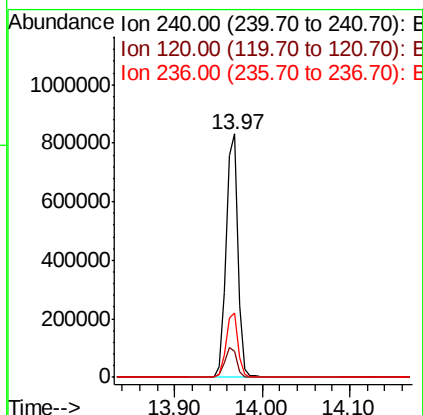
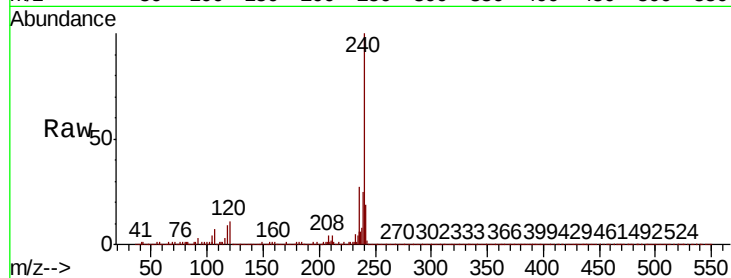




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

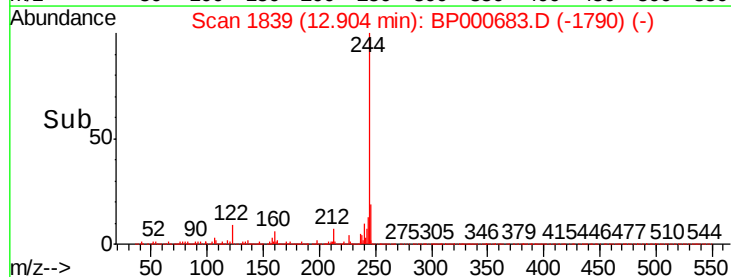
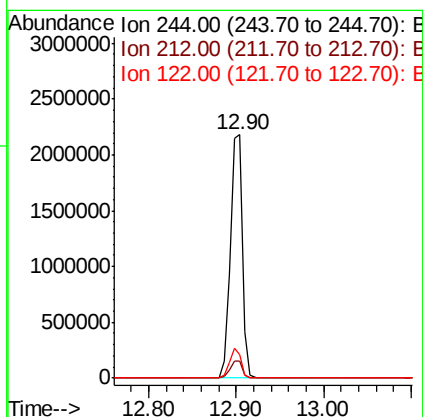
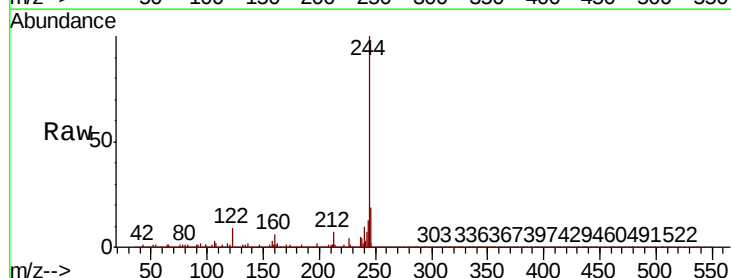
Instrument :
BNA_P
ClientSampled :

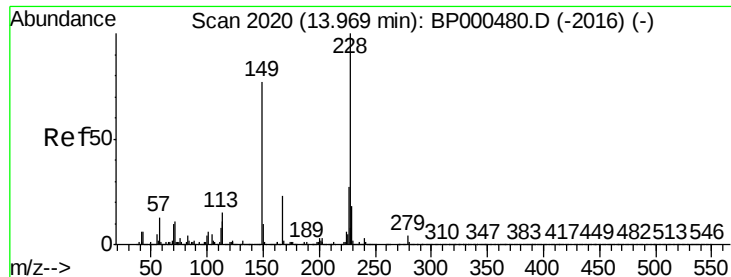
Tot Ion:240 Resp: 784376
Ion Ratio Lower Upper
240 100
120 10.6 10.1 15.1
236 26.7 22.7 34.1



#79
Terphenyl-d14
Concen: 53.793 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000683.D
Acq: 12 Oct 2019 21:34

Tgt Ion:244 Resp: 2083950
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.4 8.9 13.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.442 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000683.D

Acq: 12 Oct 2019 21:34

Instrument :

BNA_P

ClientSampleId :

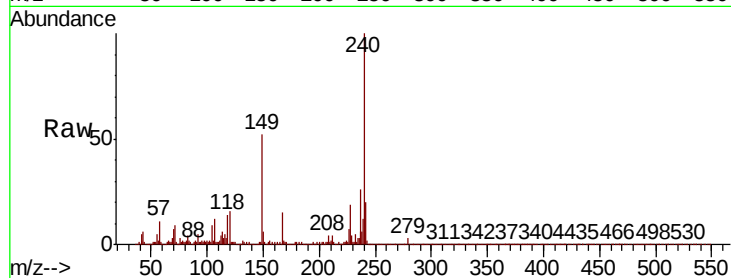
Tot Ion:149 Resp: 131689

Ion Ratio Lower Upper

149 100

167 28.5 23.6 35.4

279 4.9 3.9 5.9

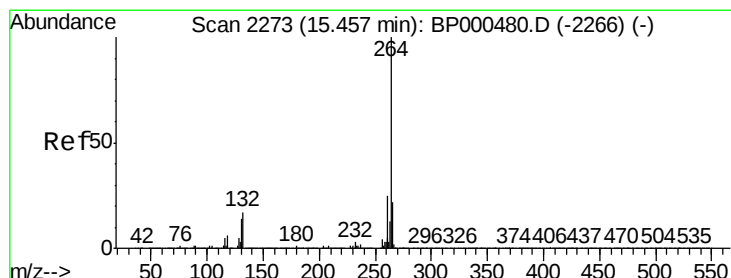
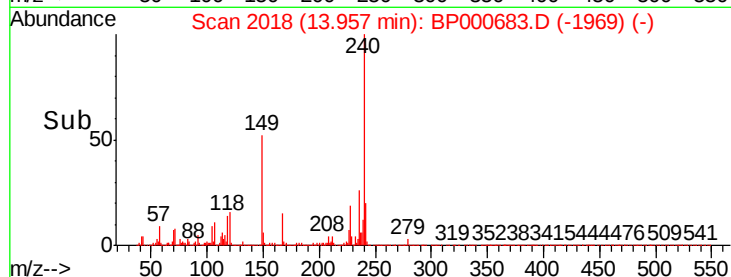
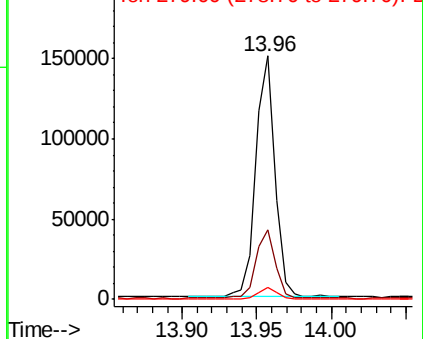


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000683.D

Acq: 12 Oct 2019 21:34

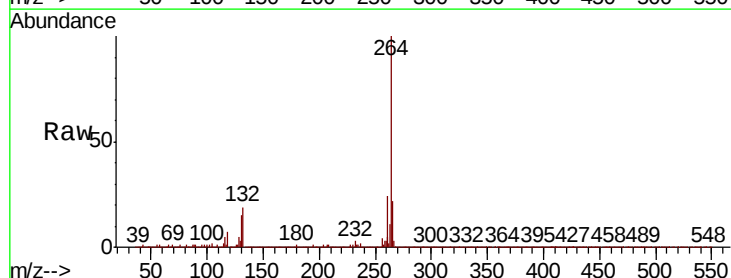
Tgt Ion:264 Resp: 878644

Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

265 22.3 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

