

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001301.D
 Acq On : 10 Dec 2019 18:54
 Operator : JU
 Sample : K6111-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 11 03:56:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

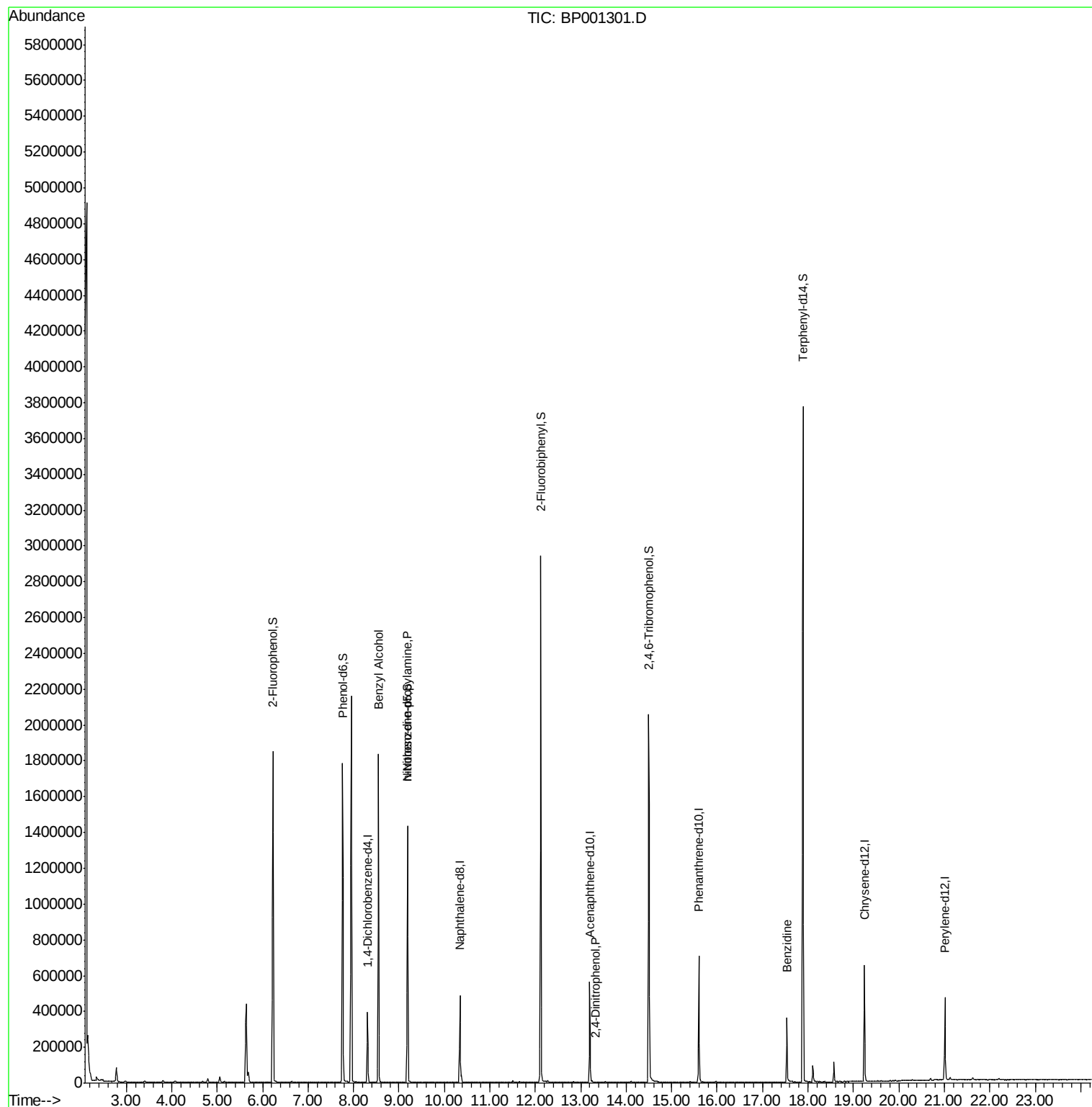
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	67394	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	244388	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	148082	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	308786	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	241827	20.00	ng	-0.02
87) Perylene-d12	21.02	264	245718	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	560174	137.90	ng	0.02
7) Phenol-d6	7.76	99	696109	128.63	ng	0.00
23) Nitrobenzene-d5	9.19	82	608112	107.96	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	278420	196.16	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1077120	106.46	ng	-0.01
79) Terphenyl-d14	17.89	244	1558516	119.23	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	244	Below Cal		Qvalue
15) Benzyl Alcohol	8.55	79	11952	2.690 ng	#	52
19) n-Nitroso-di-n-propylamine	9.19	70	90829	23.259 ng	#	82
54) 2,4-Dinitrophenol	13.31	184	5	7.114 ng	#	1
77) Benzidine	17.53	184	157903	25.290 ng		98

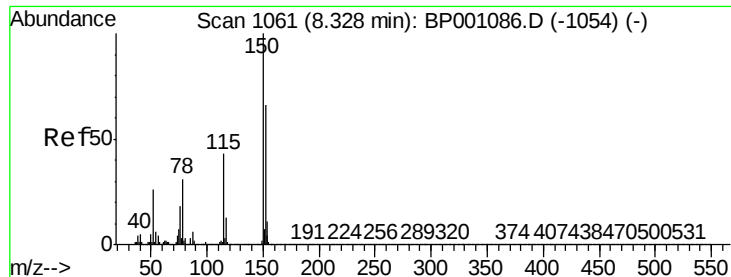
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001301.D
Acq On : 10 Dec 2019 18:54
Operator : JU
Sample : K6111-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 11 03:56:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:54

Instrument :

BNA_P

ClientSampleId :

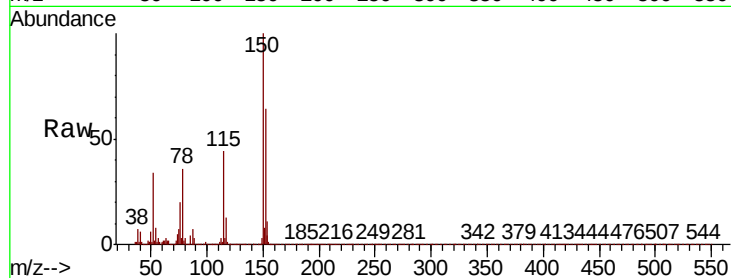
Tot Ion:152 Resp: 67394

Ion Ratio Lower Upper

152 100

150 156.4 127.3 190.9

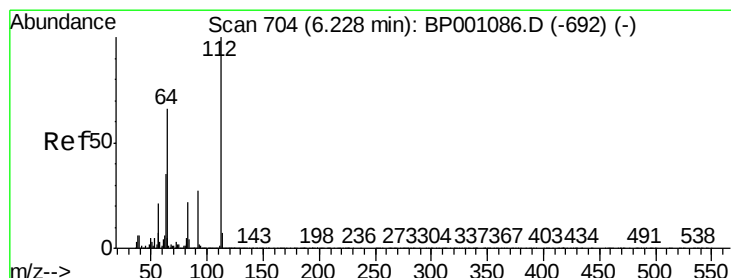
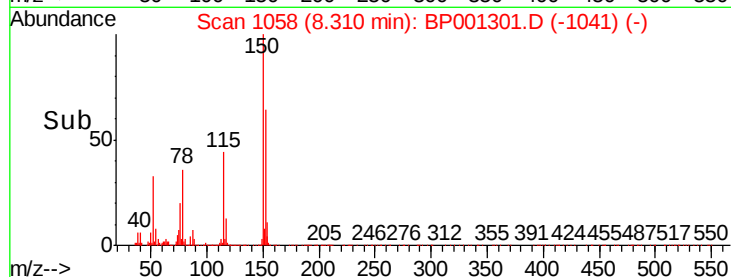
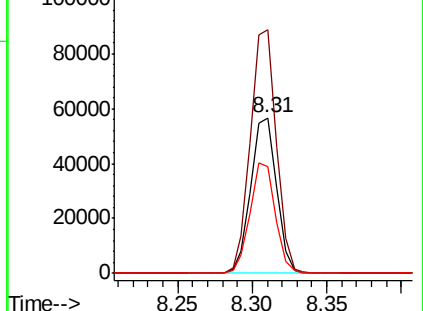
115 68.3 56.0 84.0



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: 137.902 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:54

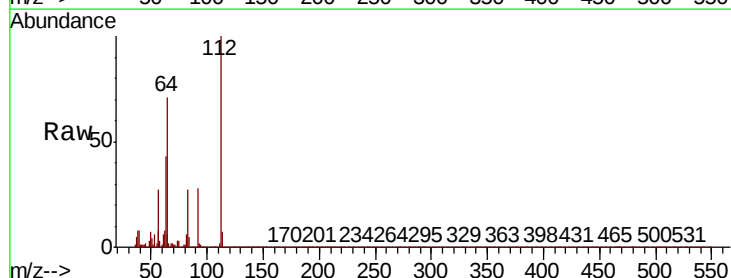
Tgt Ion:112 Resp: 560174

Ion Ratio Lower Upper

112 100

64 70.6 56.8 85.2

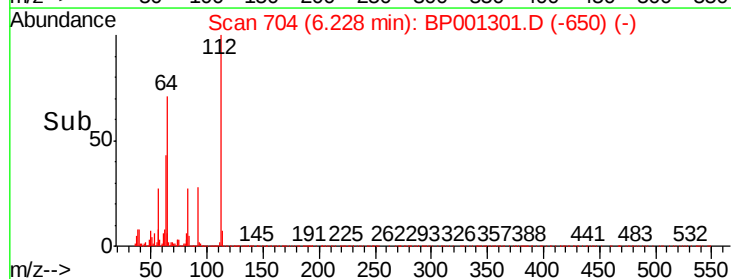
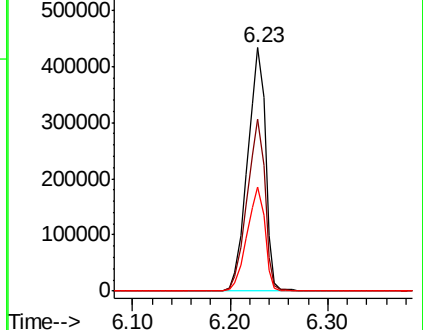
63 42.7 32.2 48.2



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: 128.629 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:54

Instrument :

BNA_P

ClientSampleId :

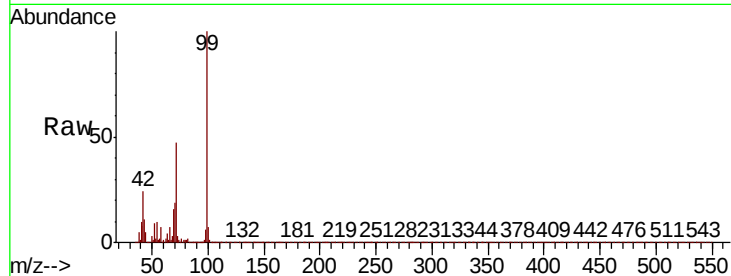
Tot Ion: 99 Resp: 696109

Ion Ratio Lower Upper

99 100

42 24.5 17.6 26.4

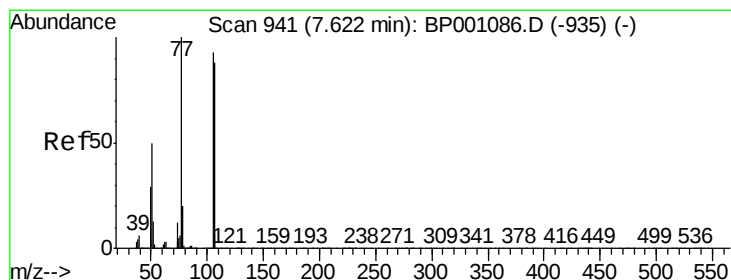
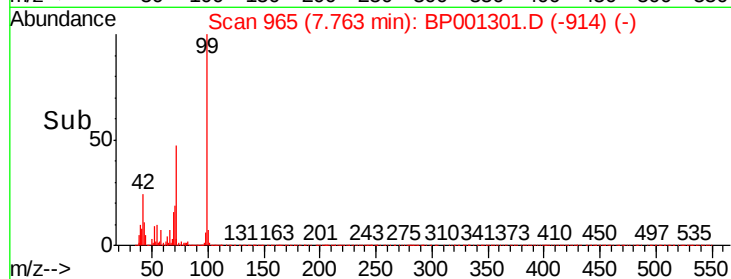
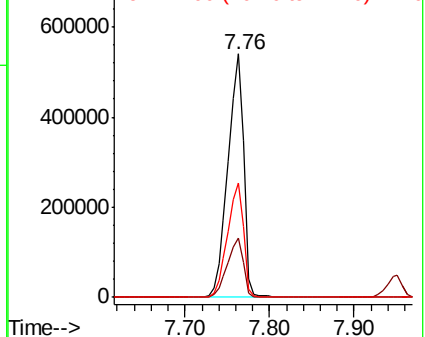
71 47.1 33.8 50.8



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: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:54

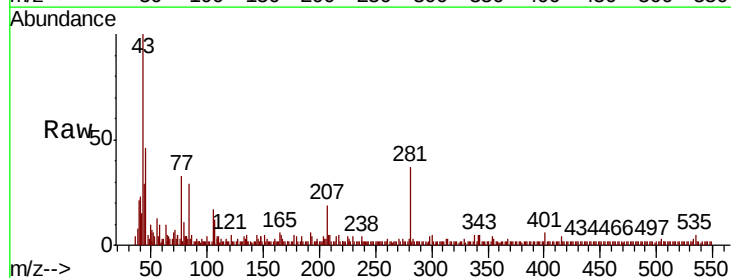
Tgt Ion: 77 Resp: 244

Ion Ratio Lower Upper

77 100

105 50.0 69.7 109.7#

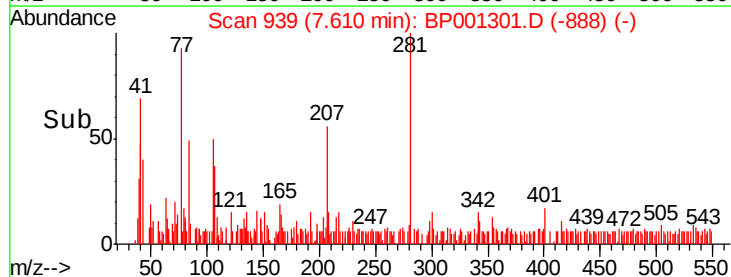
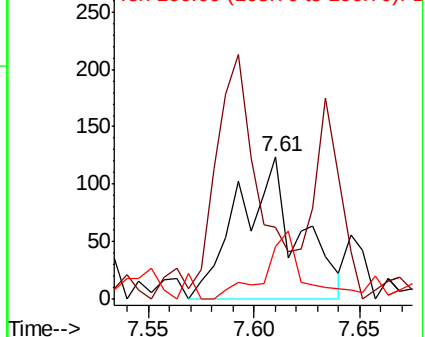
106 37.1 67.1 107.1#

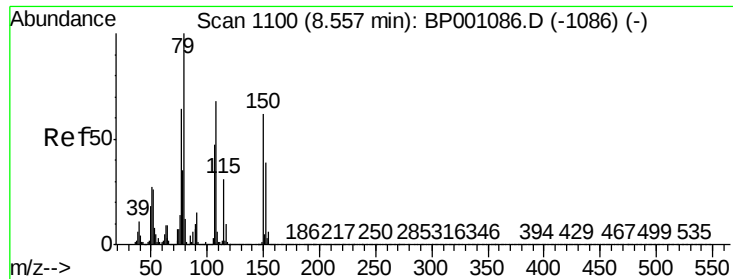


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

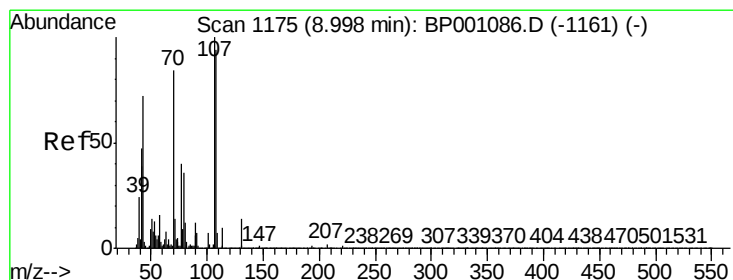
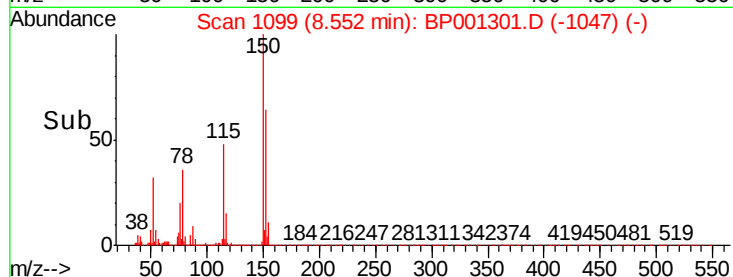
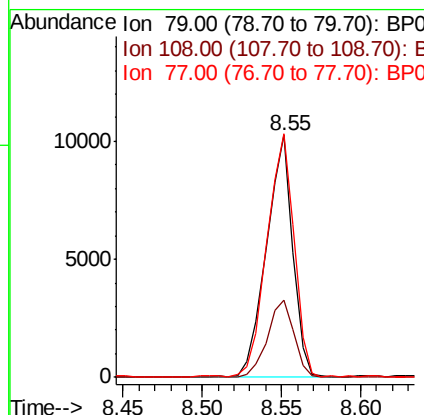
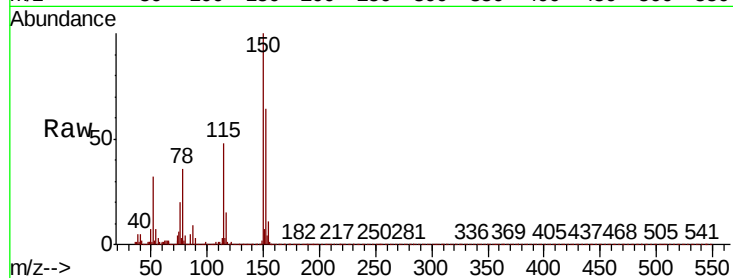




#15
Benzyl Alcohol
Concen: 2.690 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:54

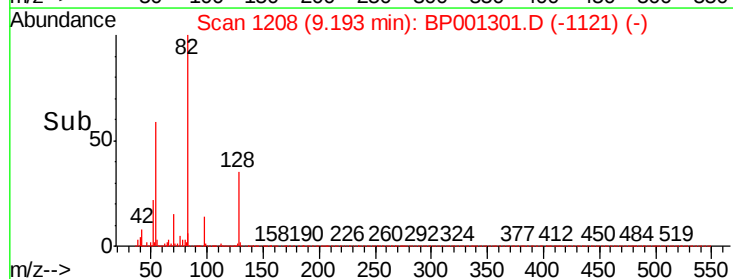
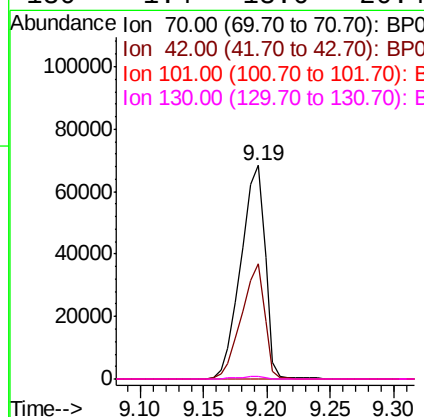
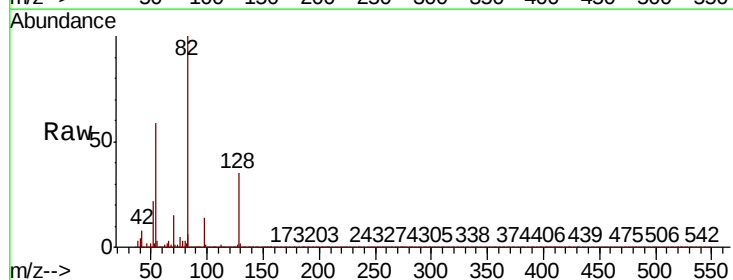
Instrument :
BNA_P
ClientSampleID :

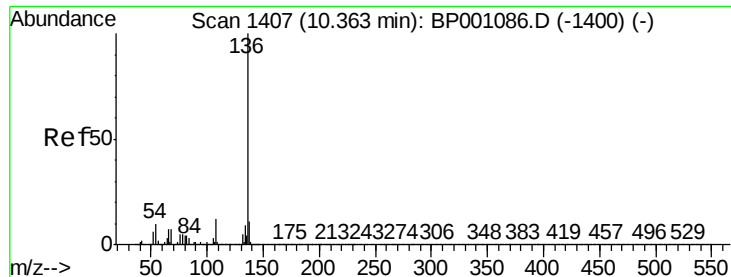
Tot Ion: 79 Resp: 11952
Ion Ratio Lower Upper
79 100
108 32.1 51.6 77.4#
77 100.6 53.5 80.3#



#19
n-Nitroso-di-n-propylamine
Concen: 23.259 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:54

Tgt Ion: 70 Resp: 90829
Ion Ratio Lower Upper
70 100
42 53.9 50.6 76.0
101 0.0 7.1 10.7#
130 1.4 13.6 20.4#

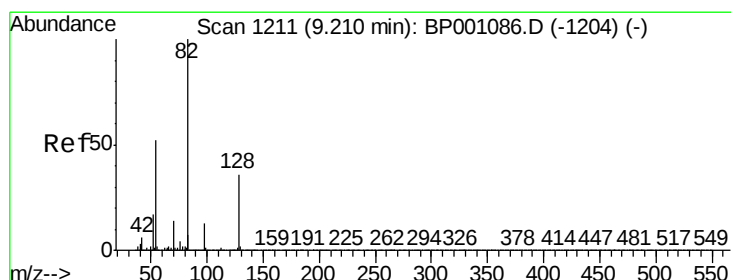
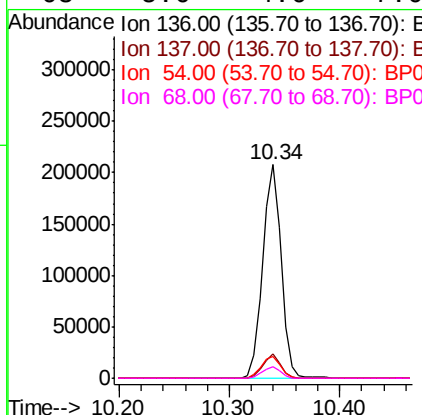
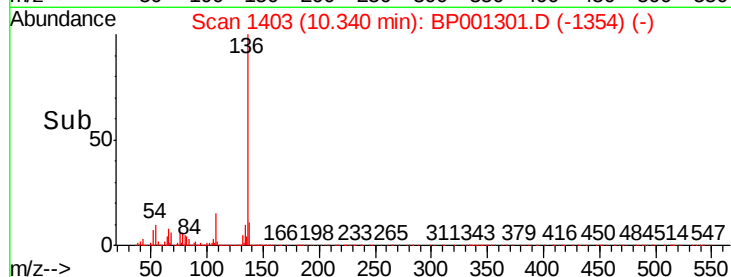
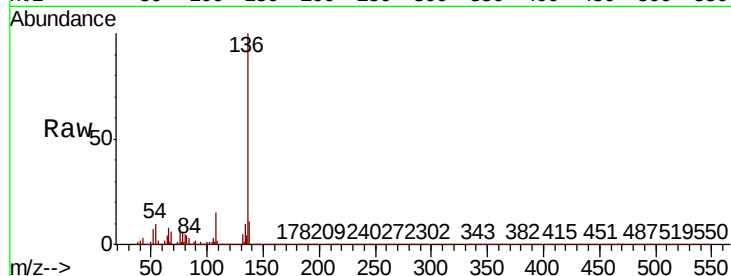




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:54

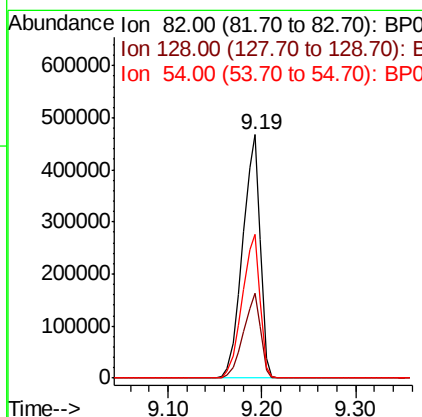
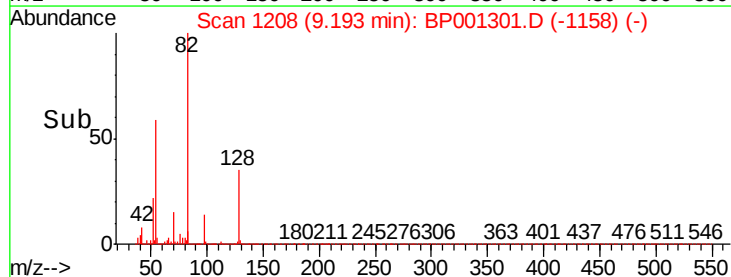
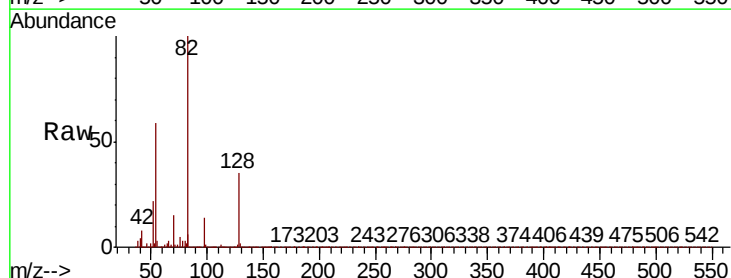
Instrument :
BNA_P
ClientSampleId :

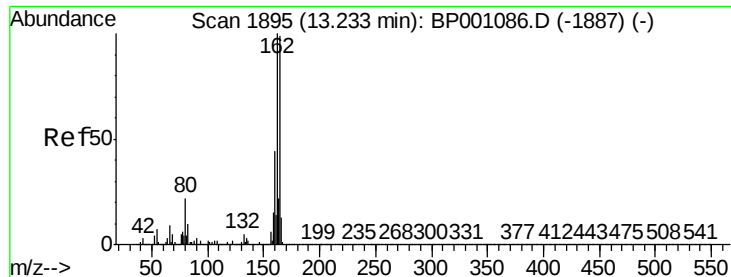
Tot Ion:136	Resp:	244388
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.4 12.6
54	10.4	7.4 11.0
68	5.6	4.6 7.0



#23
Nitrobenzene-d5
Concen: 107.957 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:54

Tgt Ion: 82	Resp:	608112
Ion Ratio	Lower	Upper
82	100	
128	35.1	27.5 41.3
54	59.3	45.7 68.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:54

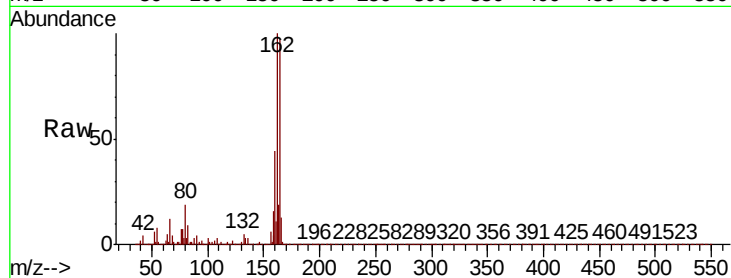
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 148082

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.7	121.1
160	45.4	36.3	54.5

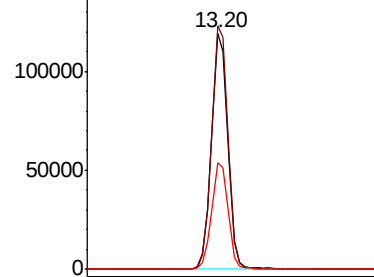


Abundance

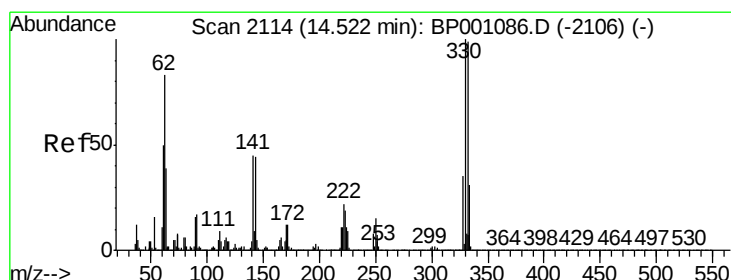
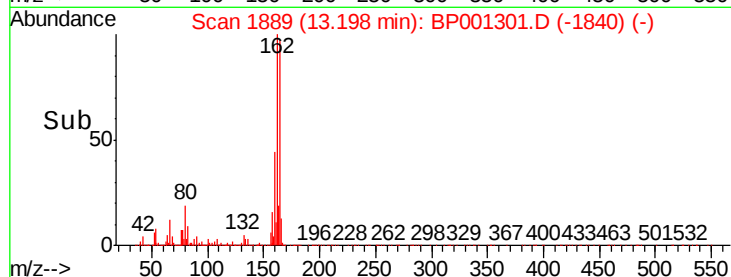
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 196.158 ng

RT: 14.50 min Scan# 2110

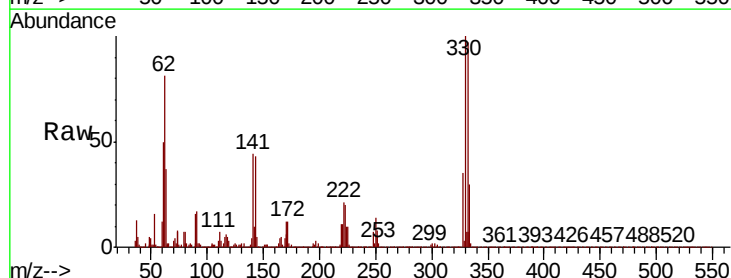
Delta R.T. -0.01 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:54

Tgt Ion:330 Resp: 278420

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	44.1	35.9	53.9

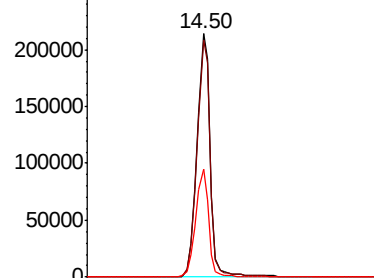


Abundance

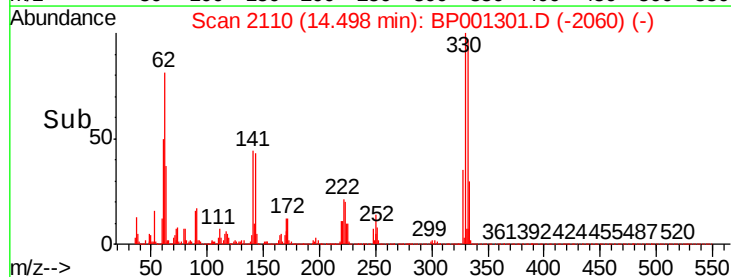
Ion 329.80 (329.50 to 330.50): E

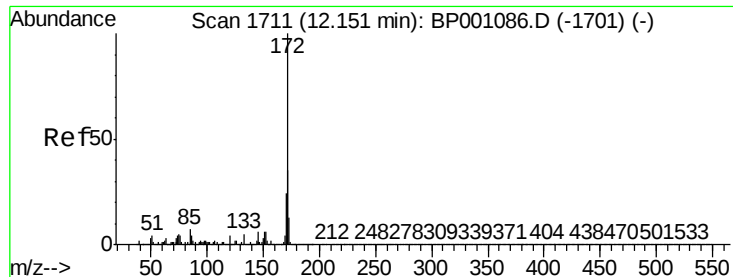
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

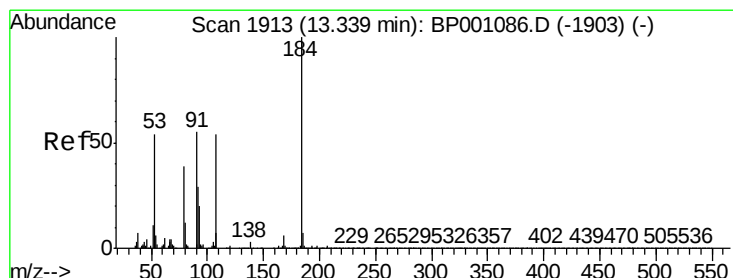
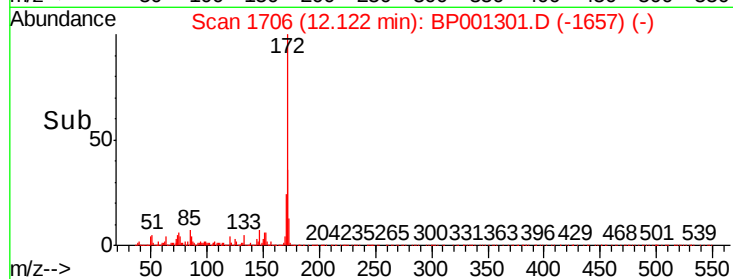
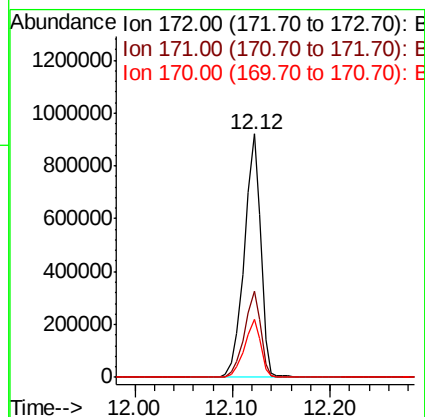
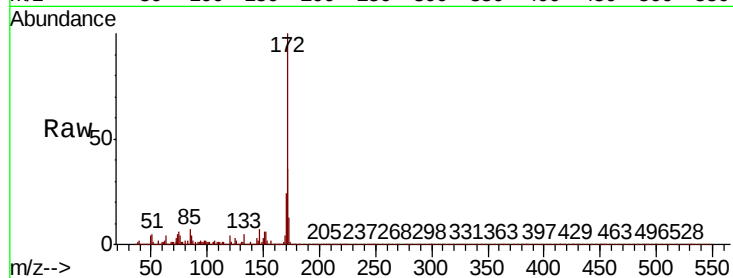




#45
2-Fluorobiphenyl
Concen: 106.458 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:54

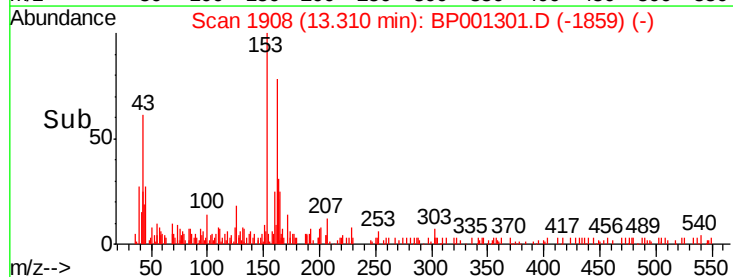
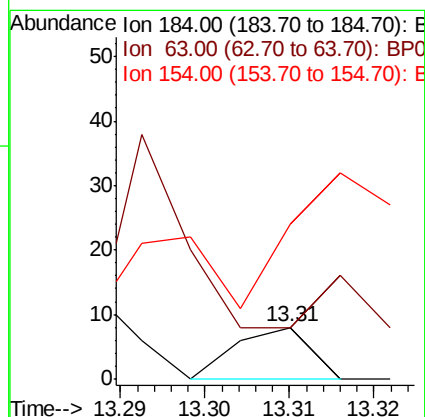
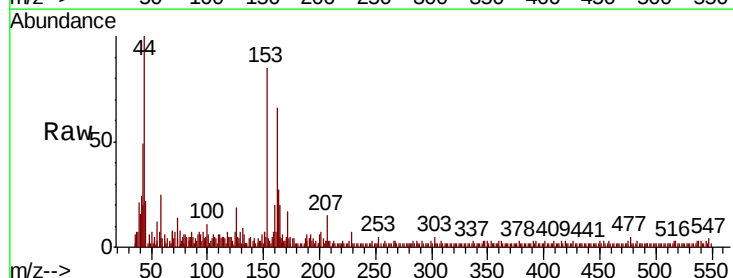
Instrument :
BNA_P
ClientSampleId :

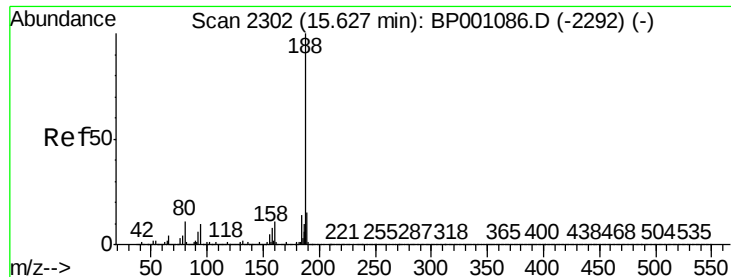
Tot Ion:172 Resp: 1077120
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.114 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:54

Tgt Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 100.0 69.4 104.0
154 300.0 57.4 86.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:54

Instrument :

BNA_P

ClientSampleId :

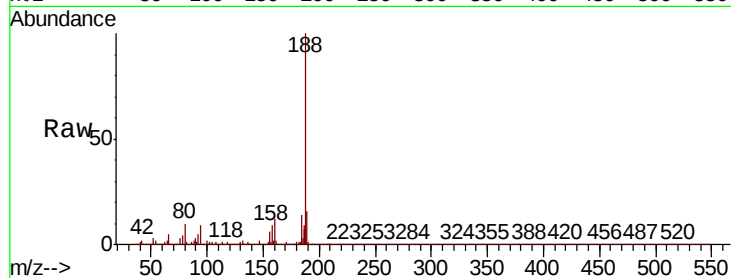
Tot Ion:188 Resp: 308786

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

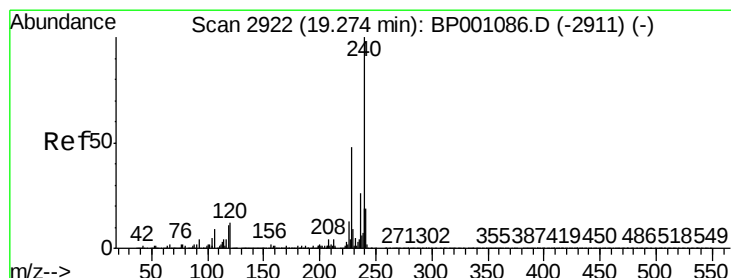
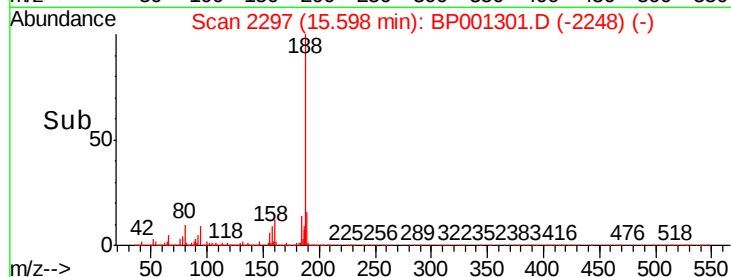
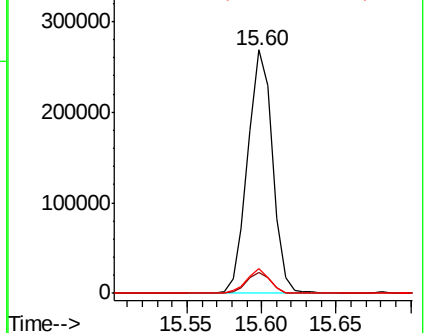
80 10.3 7.8 11.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001301.D

Acq: 10 Dec 2019 18:54

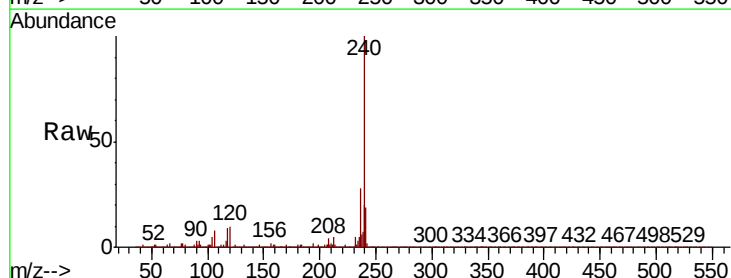
Tgt Ion:240 Resp: 241827

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

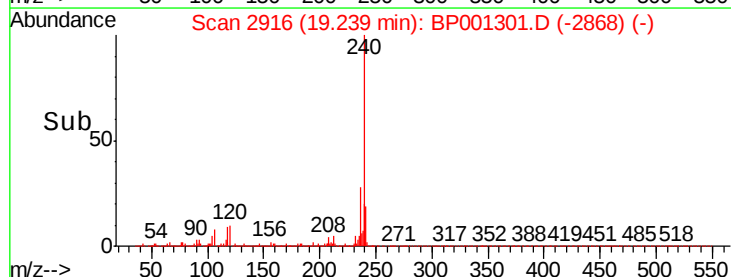
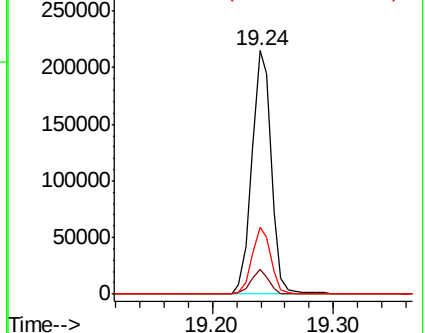
236 27.6 21.7 32.5

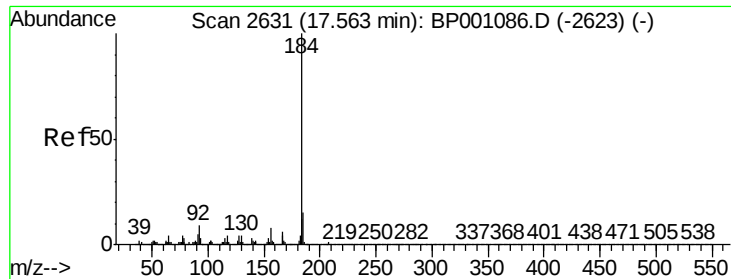


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

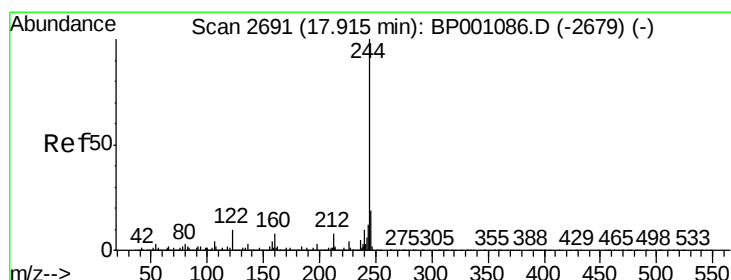
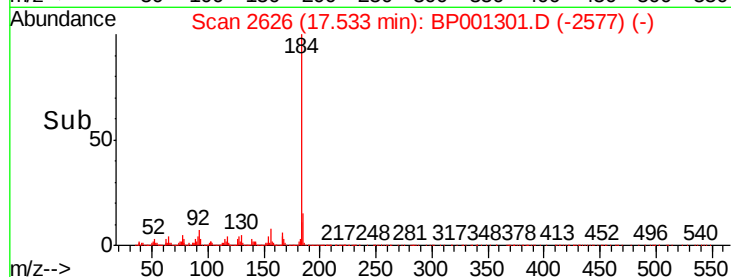
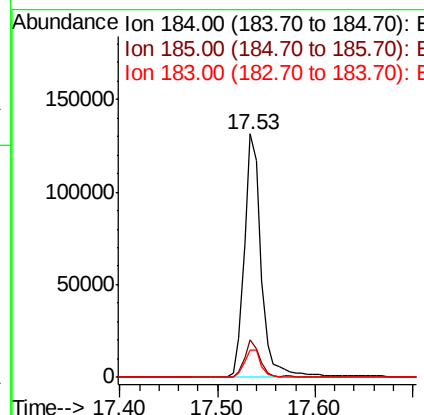
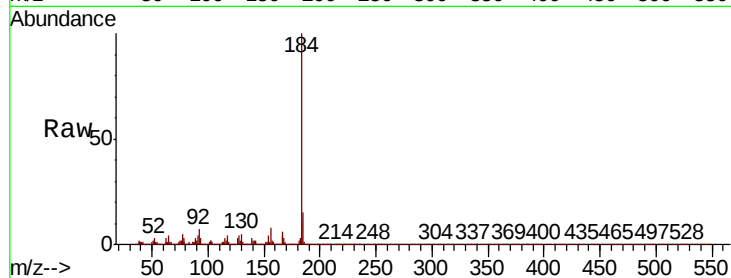




#77
Benzidine
Concen: 25.290 ng
RT: 17.53 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:54

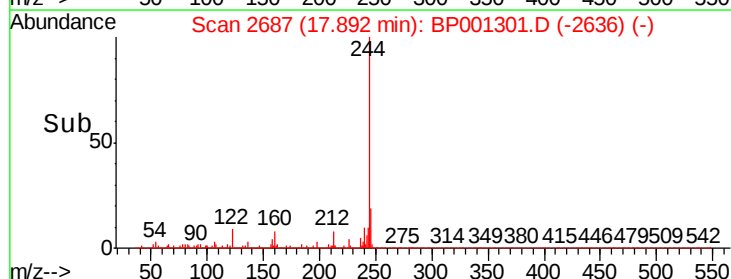
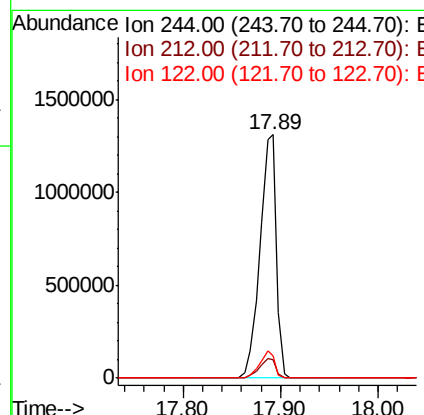
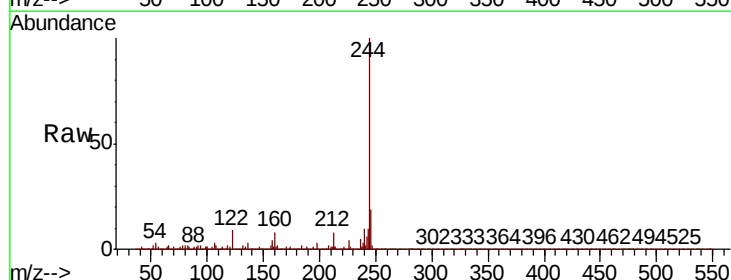
Instrument :
BNA_P
ClientSampleId :

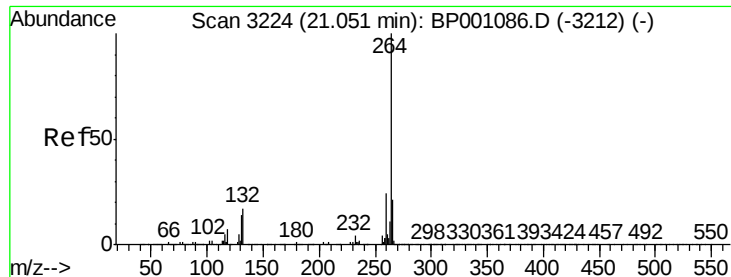
Tot Ion:184 Resp: 157903
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.0
183 11.5 9.0 13.4



#79
Terphenyl-d14
Concen: 119.234 ng
RT: 17.89 min Scan# 2687
Delta R.T. -0.00 min
Lab File: BP001301.D
Acq: 10 Dec 2019 18:54

Tgt Ion:244 Resp: 1558516
Ion Ratio Lower Upper
244 100
212 7.7 6.6 9.8
122 9.1 9.2 13.8#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001301.D
 Acq: 10 Dec 2019 18:54

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	20.3	17.1	25.7

