

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060220\
 Data File : BP002357.D
 Acq On : 02 Jun 2020 16:01
 Operator : CG/JU
 Sample : L2822-03DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 02 16:39:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 12:11:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	217114	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	847849	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	493954	20.00	ng	-0.01
64) Phenanthrene-d10	17.01	188	1040272	20.00	ng	-0.01
76) Chrysene-d12	21.12	240	1063102	20.00	ng	-0.01
86) Perylene-d12	23.33	264	1147716	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	165410	14.31	ng	0.00
7) Phenol-d6	6.80	99	205107	13.04	ng	0.00
23) Nitrobenzene-d5	8.75	82	161170	11.43	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	89544	19.13	ng	-0.01
45) 2-Fluorobiphenyl	12.87	172	363862	13.00	ng	-0.01
79) Terphenyl-d14	19.60	244	607845	13.85	ng	0.00

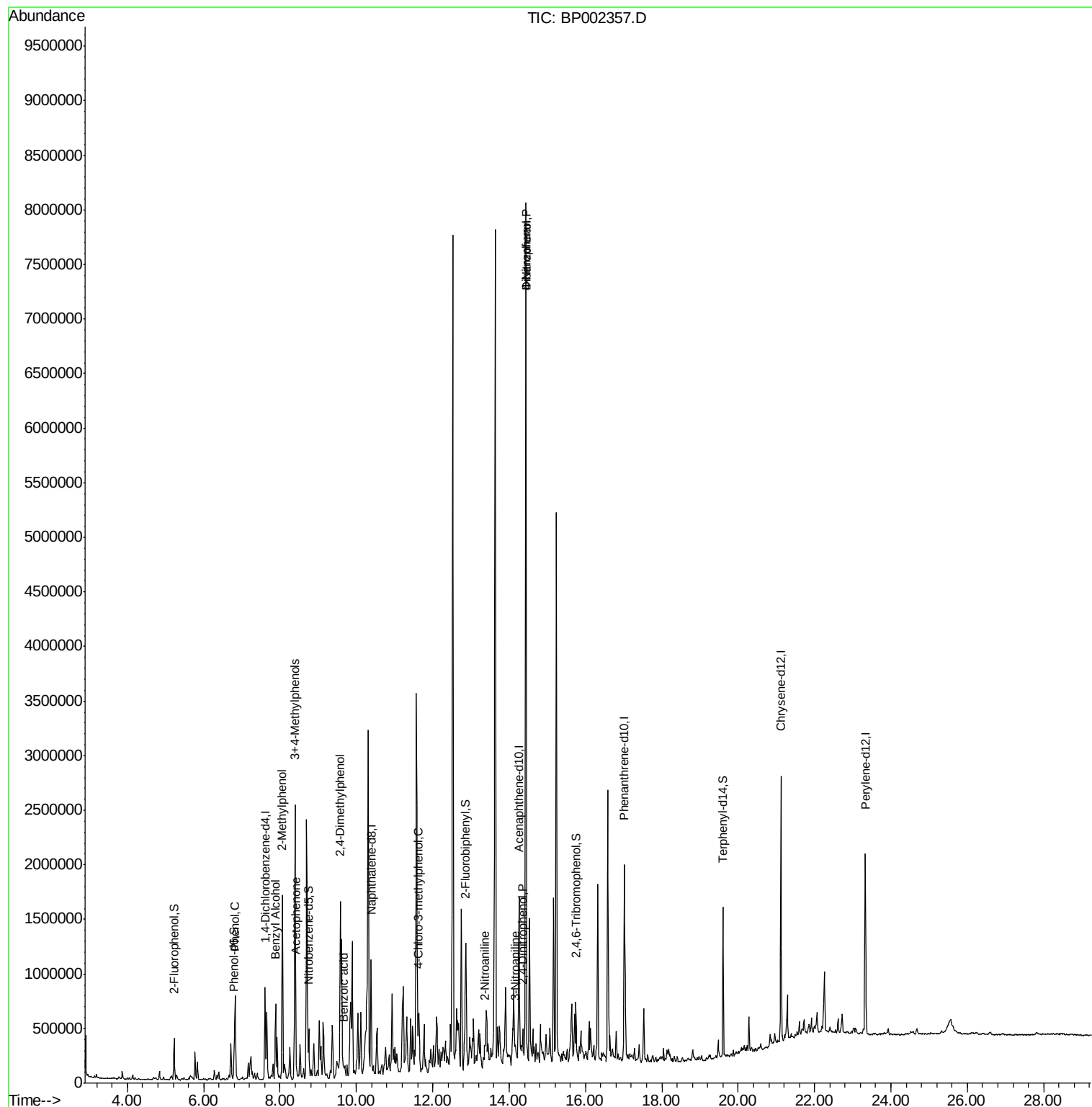
Target Compounds				Qvalue		
10) Phenol	6.82	94	404677	23.387	ng	99
15) Benzyl Alcohol	7.88	79	25060	2.097	ng	# 47
17) 2-Methylphenol	8.06	107	519663	42.047	ng	99
20) 3+4-Methylphenols	8.39	107	1109225	66.046	ng	99
22) Acetophenone	8.42	105	62166	3.211	ng	# 80
27) 2,4-Dimethylphenol	9.58	122	458038	42.473	ng	98
32) Benzoic acid	9.67	122	20247	6.985	ng	91
36) 4-Chloro-3-methylphenol	11.62	107	38108	2.978	ng	# 23
48) 2-Nitroaniline	13.36	65	18780	2.287	ng	# 34
53) 3-Nitroaniline	14.16	138	33363	4.019	ng	# 6
54) 2,4-Dinitrophenol	14.35	184	8526	2.325	ng	# 62
55) Dibenzofuran	14.44	168	362886	9.016	ng	94
56) 4-Nitrophenol	14.44	139	142314	21.689	ng	# 70

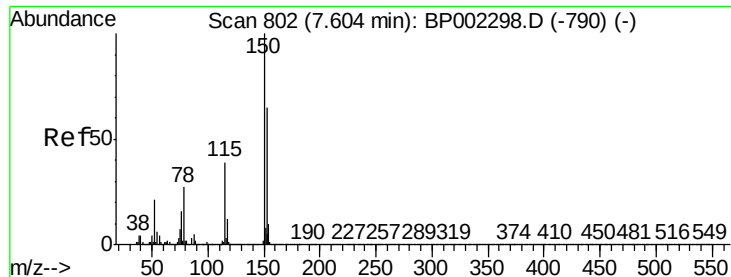
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060220\
Data File : BP002357.D
Acq On : 02 Jun 2020 16:01
Operator : CG/JU
Sample : L2822-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 02 16:39:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 12:11:53 2020
Response via : Initial Calibration



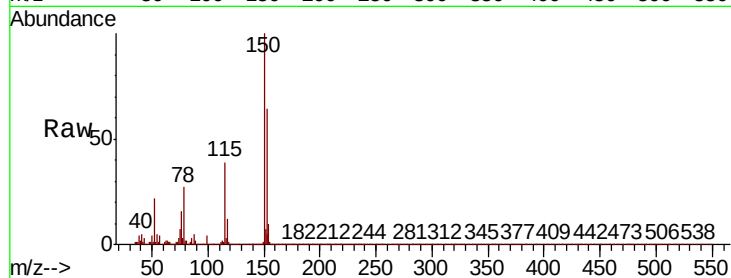


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	60.3	49.4	74.2

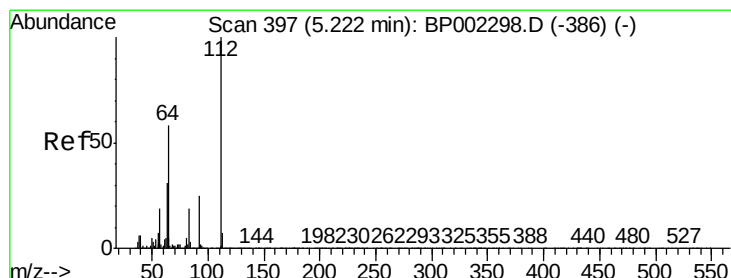
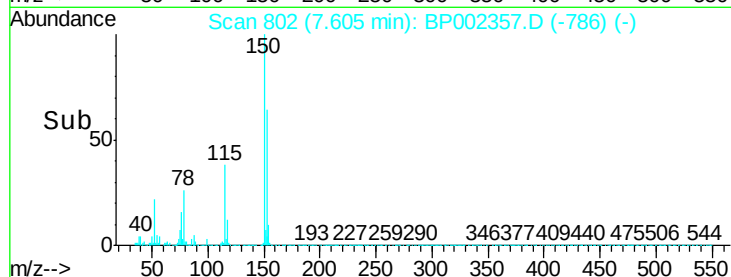
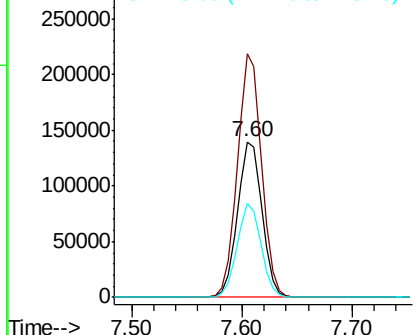


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

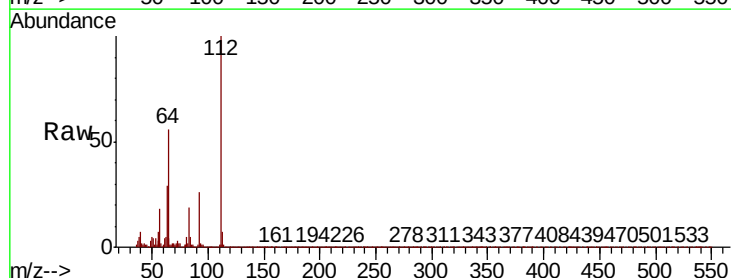
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.309 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.00 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.0	70.4
63	29.4	24.0	36.0

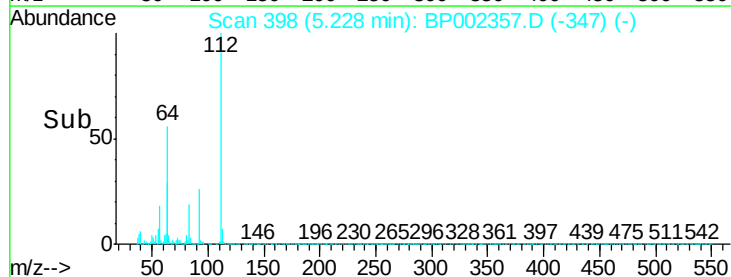
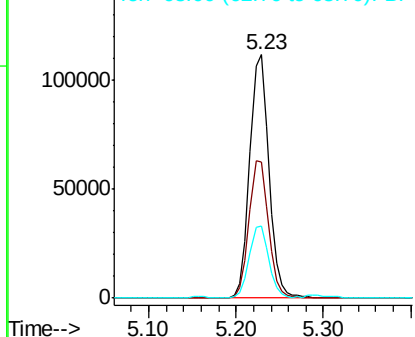


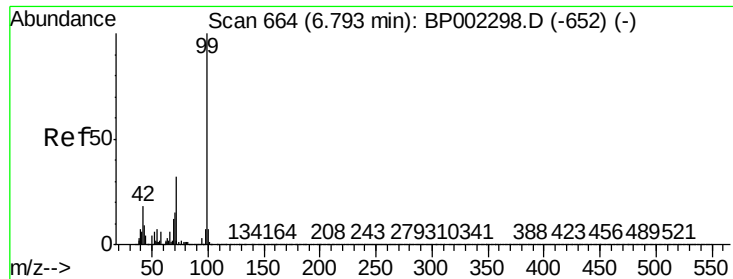
Abundance

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: 13.043 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.01 min

Lab File: BP002357.D

Acq: 02 Jun 2020 16:01

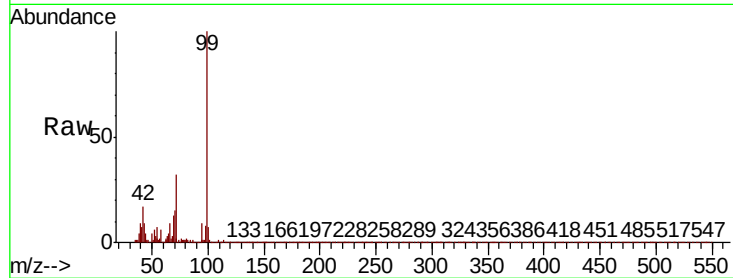
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 205107

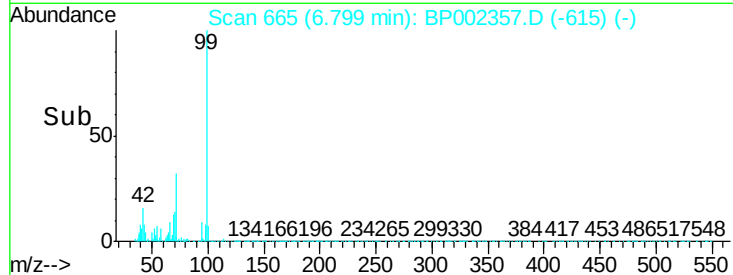
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.9	20.9
71	31.8	25.8	38.8



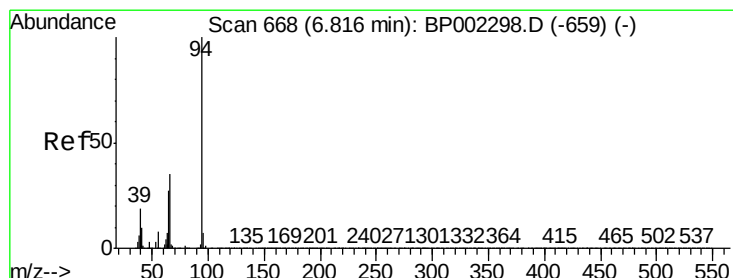
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#10

Phenol

Concen: 23.387 ng

RT: 6.82 min Scan# 669

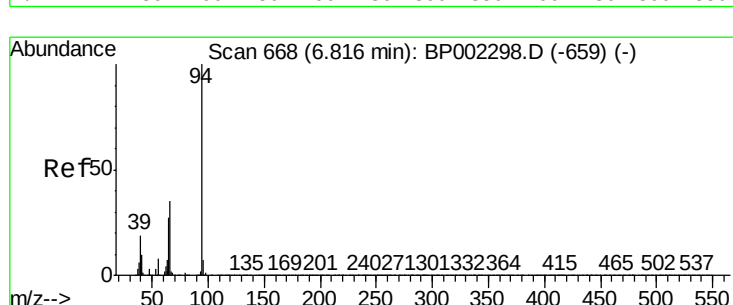
Delta R.T. -0.01 min

Lab File: BP002357.D

Acq: 02 Jun 2020 16:01

Tgt Ion: 94 Resp: 404677

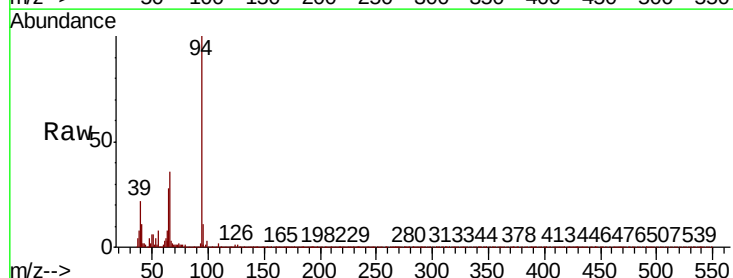
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.2	47.2
66	36.1	16.2	56.2



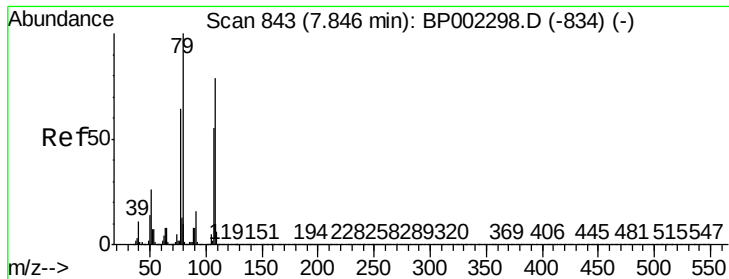
Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



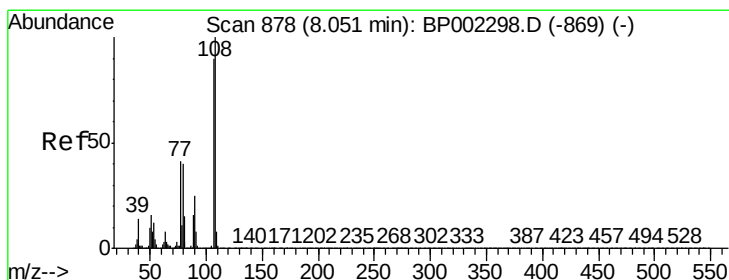
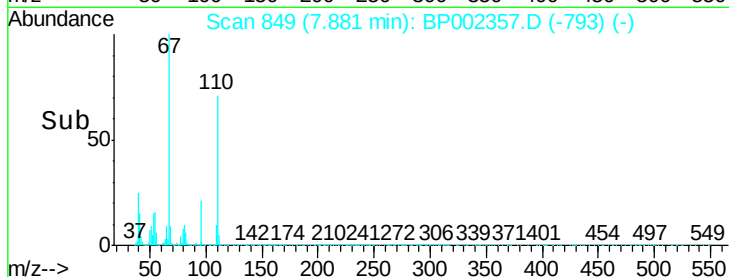
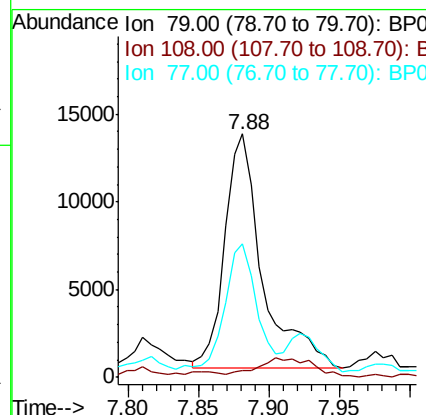
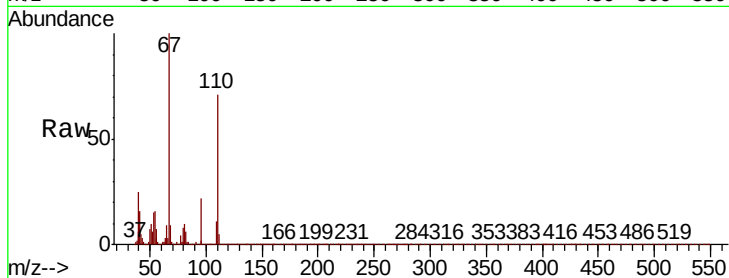
Time-->



#15
Benzyl Alcohol
Concen: 2.097 ng
RT: 7.88 min Scan# 849
Delta R.T. 0.03 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

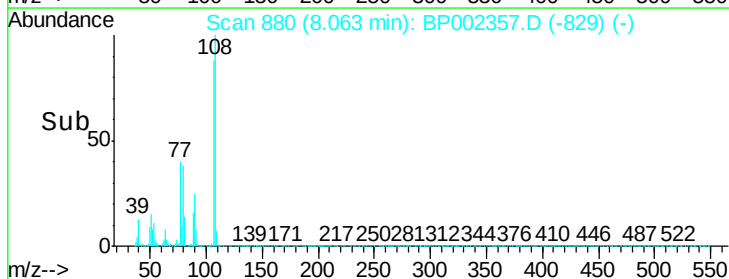
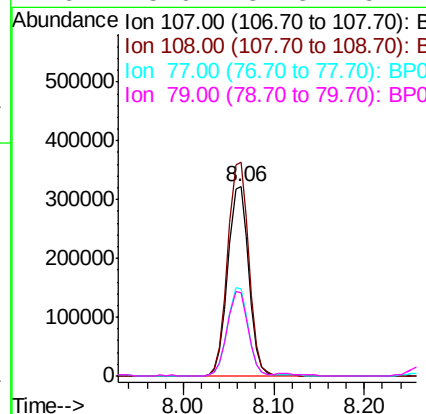
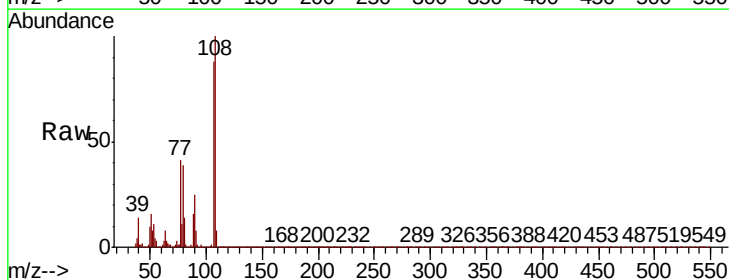
Instrument :
BNA_G
ClientSampleId :

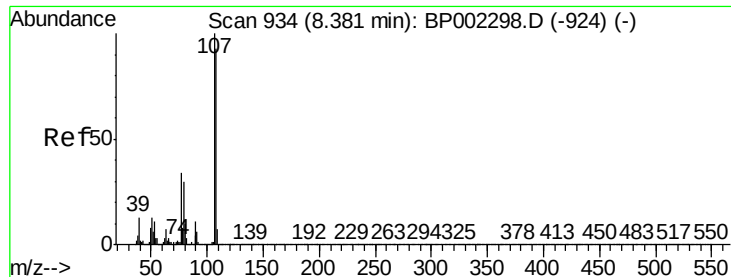
Tot Ion: 79 Resp: 25060
Ion Ratio Lower Upper
79 100
108 3.0 62.4 93.6#
77 55.1 52.1 78.1



#17
2-Methylphenol
Concen: 42.047 ng
RT: 8.06 min Scan# 880
Delta R.T. 0.00 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion: 107 Resp: 519663
Ion Ratio Lower Upper
107 100
108 113.0 89.0 133.4
77 45.9 37.0 55.4
79 43.9 34.8 52.2

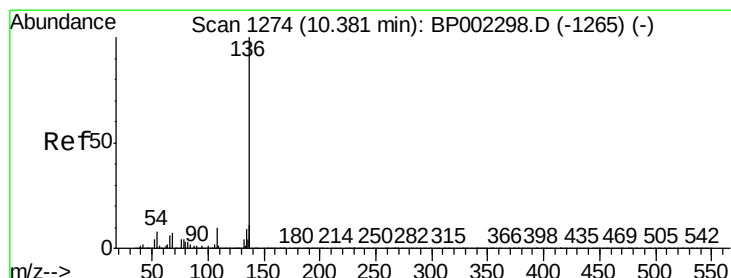
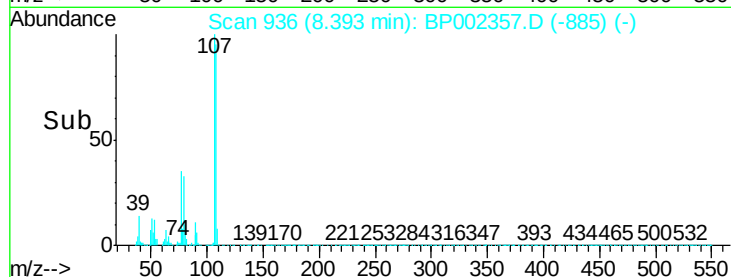
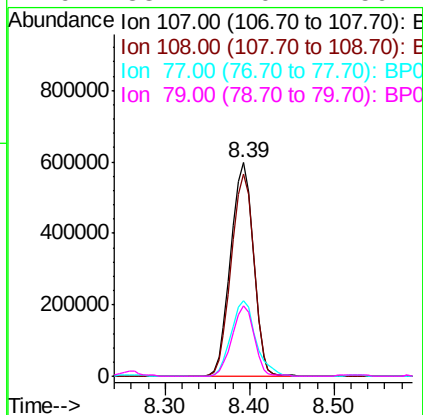
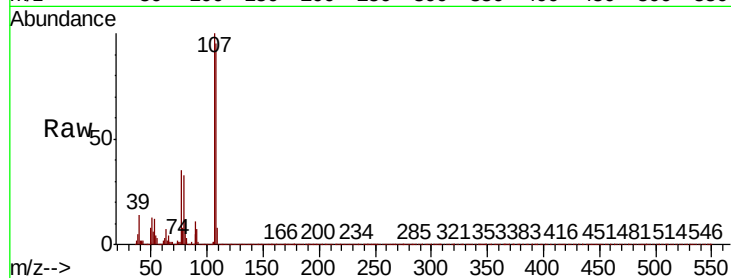




#20
3+4-Methylphenols
Concen: 66.046 ng
RT: 8.39 min Scan# 936
Delta R.T. 0.00 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

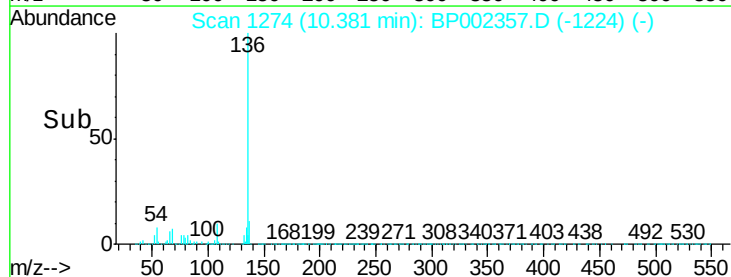
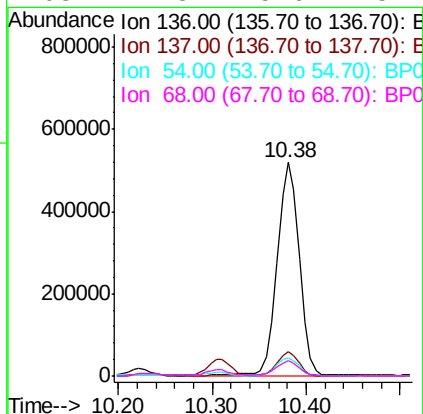
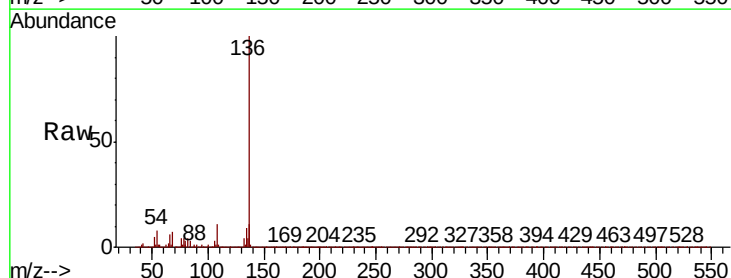
Instrument :
BNA_G
ClientSampleId :

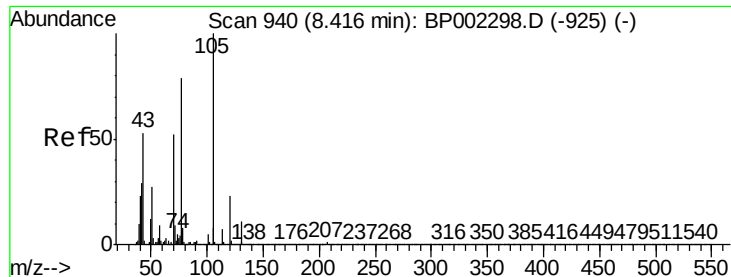
Tot Ion:	107	Resp:	1109225
Ion	Ratio	Lower	Upper
107	100		
108	94.9	74.7	114.7
77	35.3	14.4	54.4
79	33.2	10.7	50.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion:	136	Resp:	847849
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.4	6.9	10.3
68	7.3	5.6	8.4

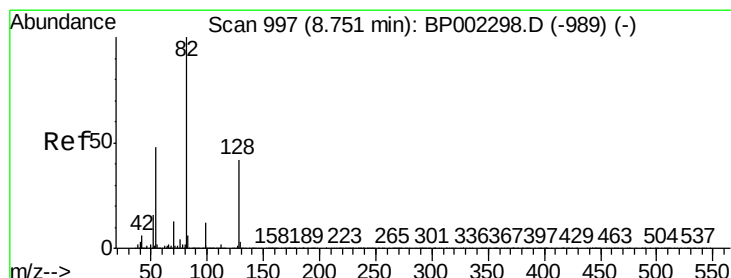
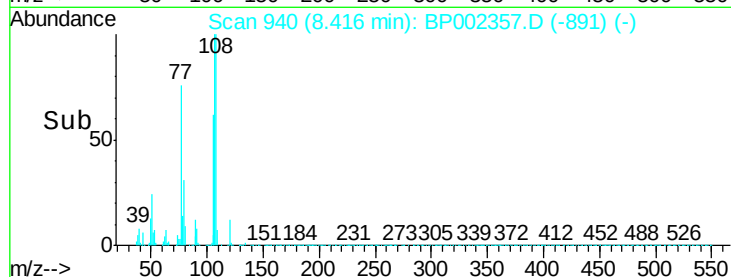
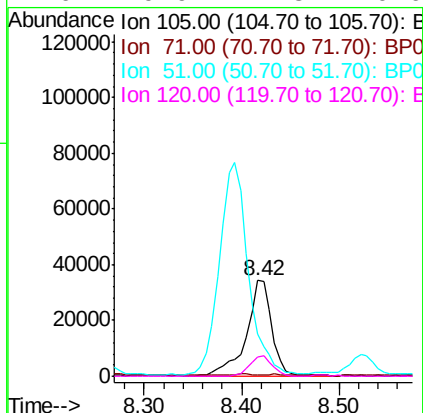
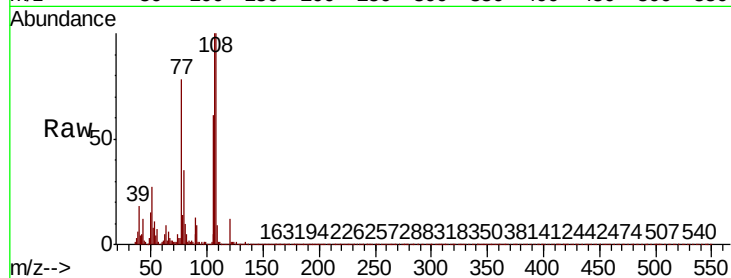




#22
Acetophenone
Concen: 3.211 ng
RT: 8.42 min Scan# 940
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

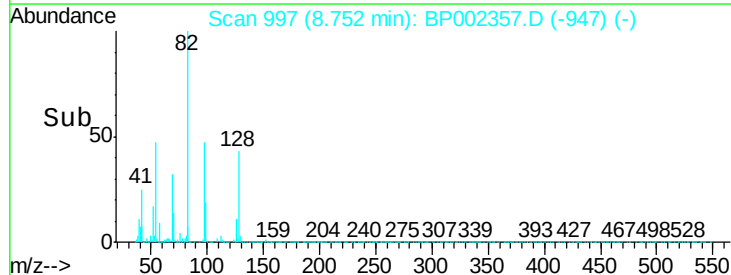
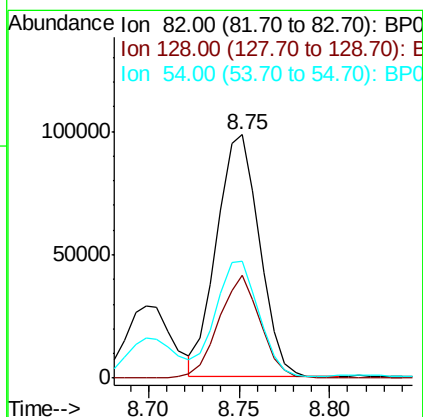
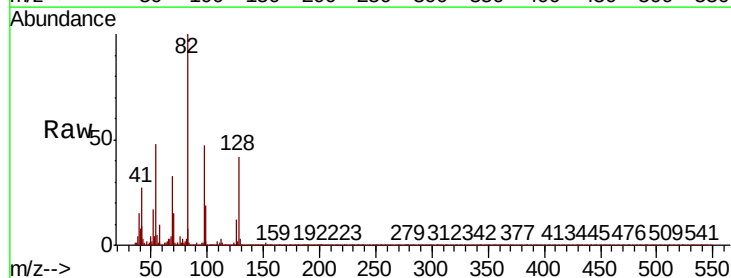
Instrument :
BNA_G
ClientSampled :

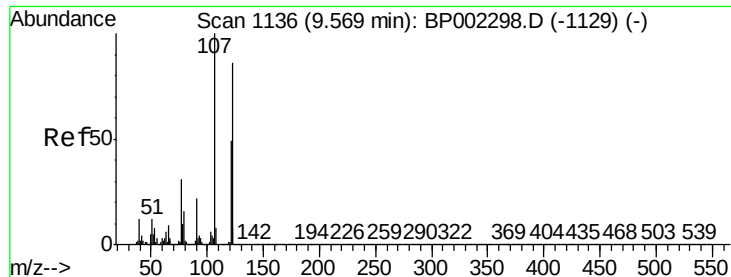
Tot Ion	Ratio	Lower	Upper
105	100		
71	1.4	6.5	9.7#
51	44.1	21.7	32.5#
120	19.9	17.8	26.6



#23
Nitrobenzene-d5
Concen: 11.429 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	47.9	38.3	57.5





#27

2,4-Dimethylphenol

Concen: 42.473 ng

RT: 9.58 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BP002357.D

Acq: 02 Jun 2020 16:01

Instrument :

BNA_G

ClientSampled :

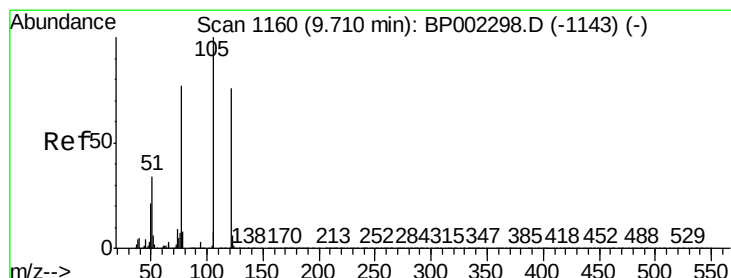
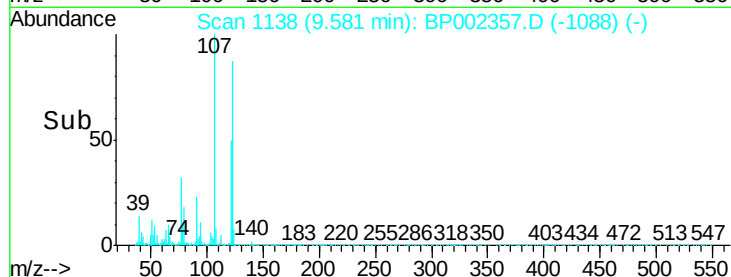
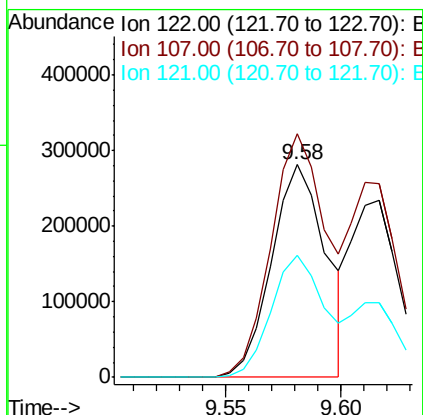
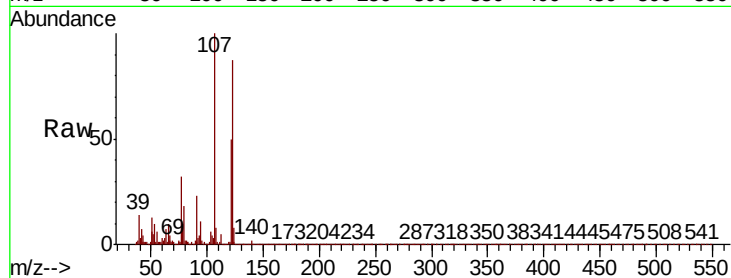
Tot Ion:122 Resp: 458038

Ion Ratio Lower Upper

122 100

107 114.5 93.7 140.5

121 57.6 47.1 70.7



#32

Benzoic acid

Concen: 6.985 ng

RT: 9.67 min Scan# 1153

Delta R.T. -0.07 min

Lab File: BP002357.D

Acq: 02 Jun 2020 16:01

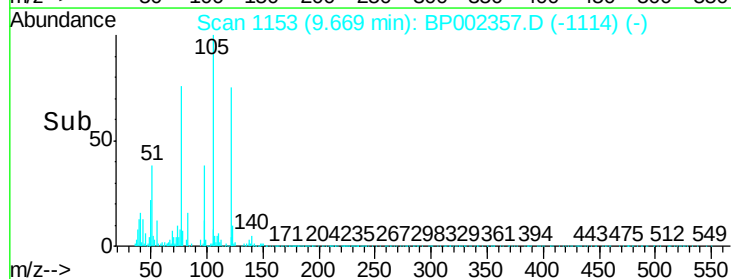
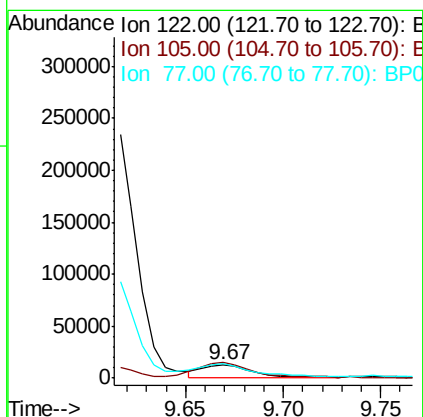
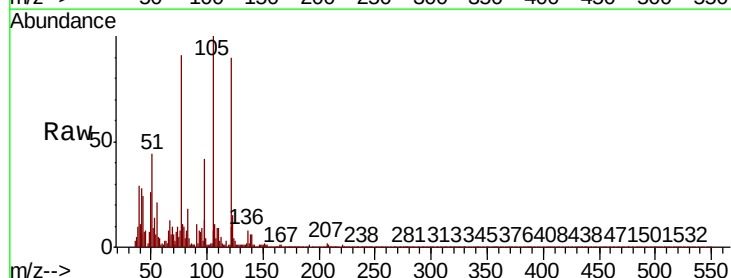
Tgt Ion:122 Resp: 20247

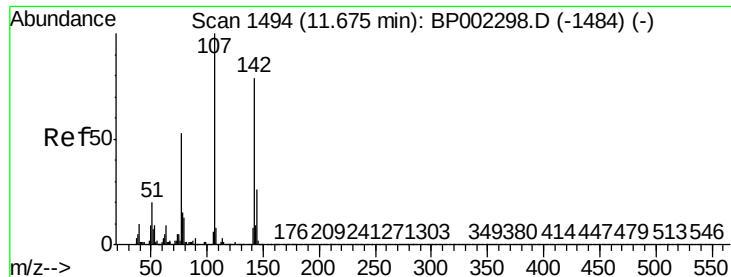
Ion Ratio Lower Upper

122 100

105 110.7 102.7 142.7

77 100.8 74.8 114.8

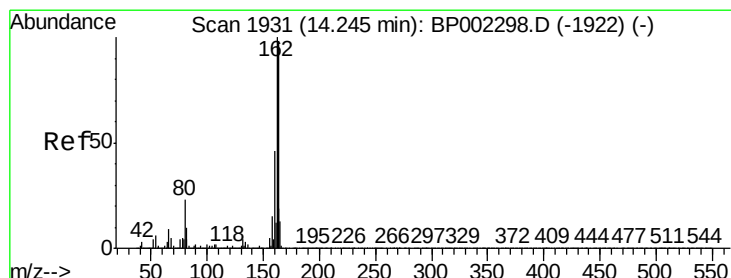
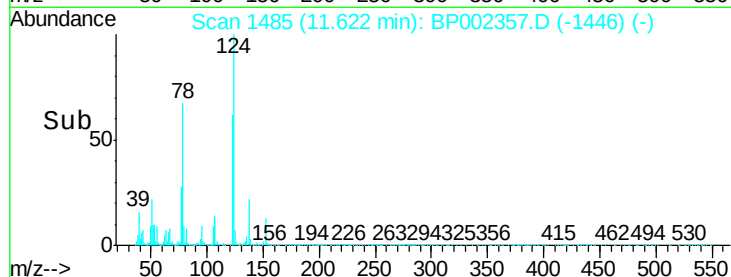
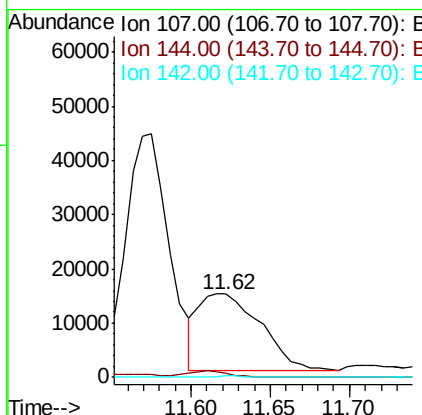
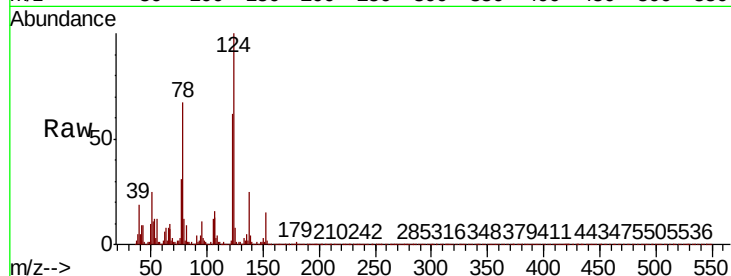




#36
4-Chloro-3-methylphenol
Concen: 2.978 ng
RT: 11.62 min Scan# 1485
Delta R.T. -0.07 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

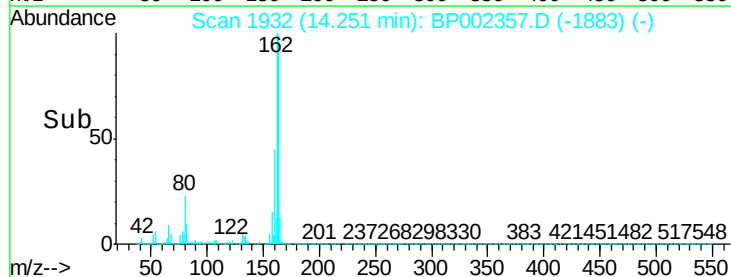
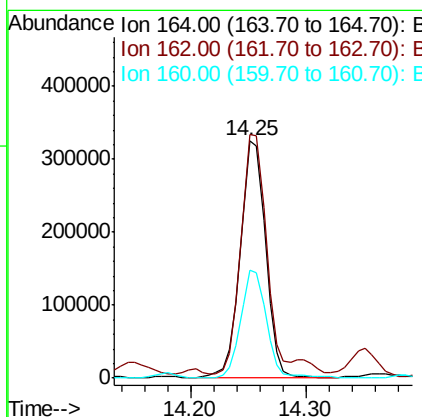
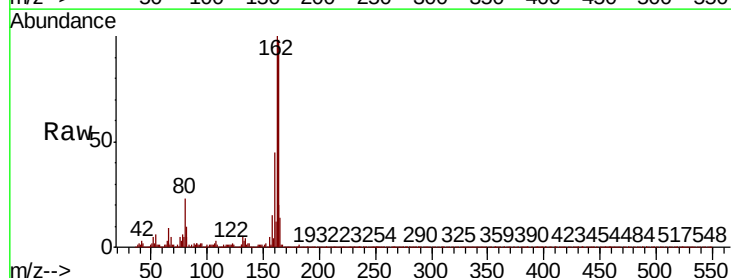
Instrument :
BNA_G
ClientSampleId :

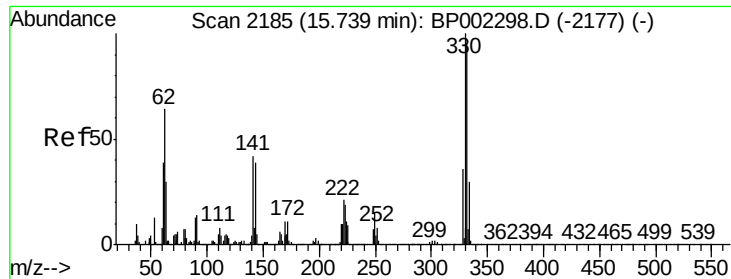
Tot Ion:107 Resp: 38108
Ion Ratio Lower Upper
107 100
144 5.2 20.6 31.0#
142 1.3 63.0 94.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion:164 Resp: 493954
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.7 37.2 55.8

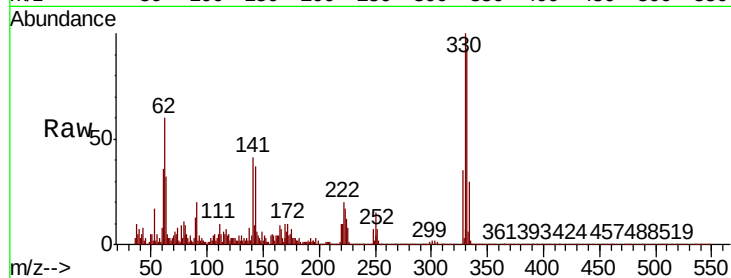




#42
2,4,6-Tribromophenol
Concen: 19.127 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	40.5	31.4	47.2

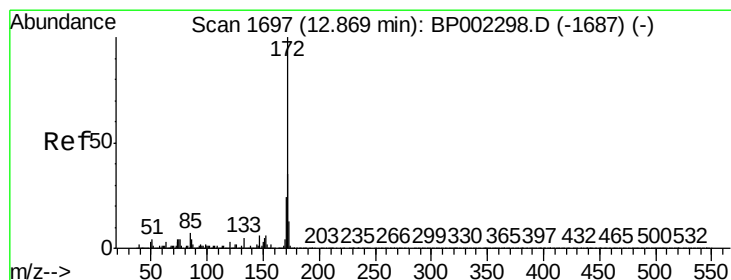
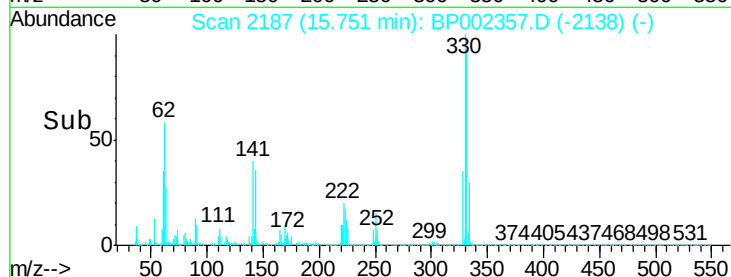
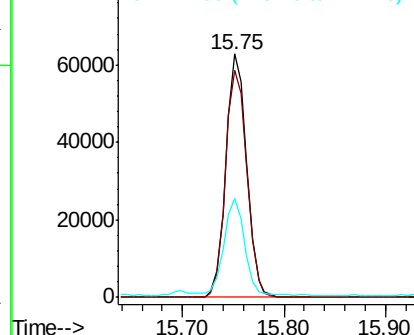


Abundance

Ion 329.80 (329.50 to 330.50): E

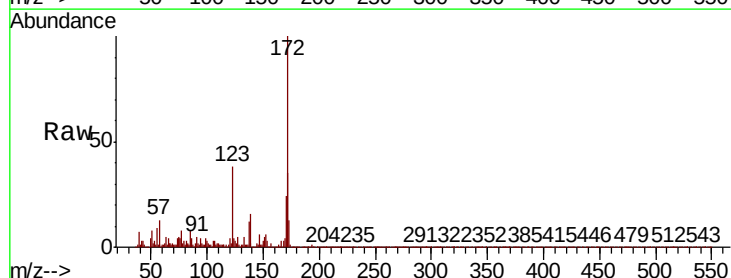
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 12.998 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.6	41.4
170	23.8	18.9	28.3

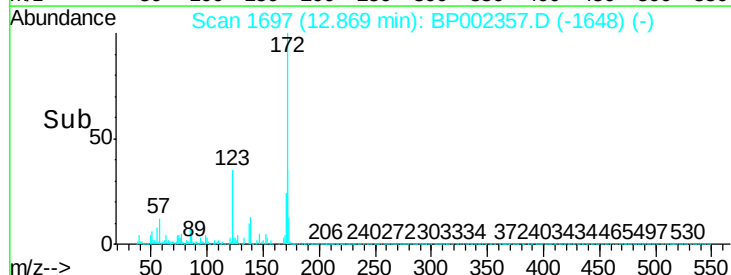
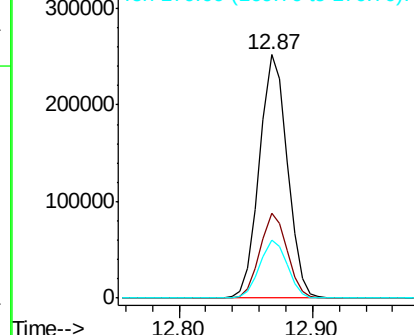


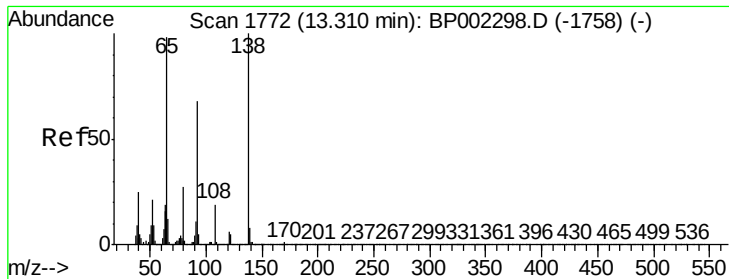
Abundance

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

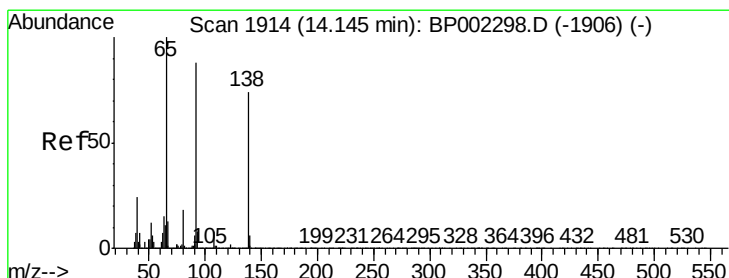
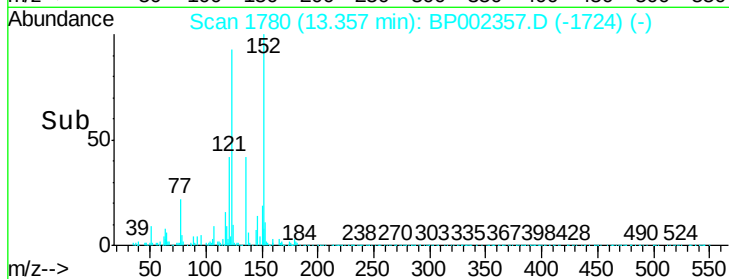
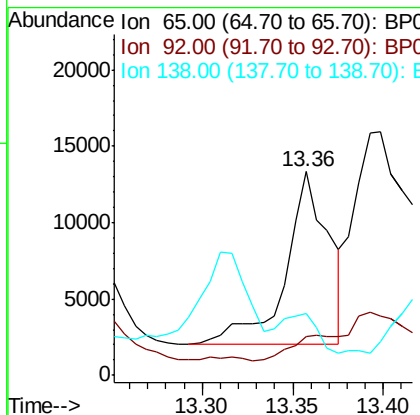
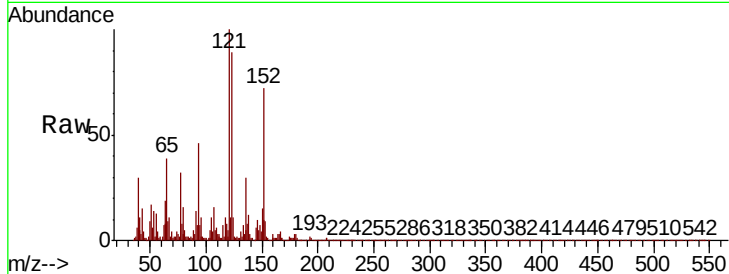




#48
2-Nitroaniline
Concen: 2.287 ng
RT: 13.36 min Scan# 1780
Delta R.T. 0.03 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

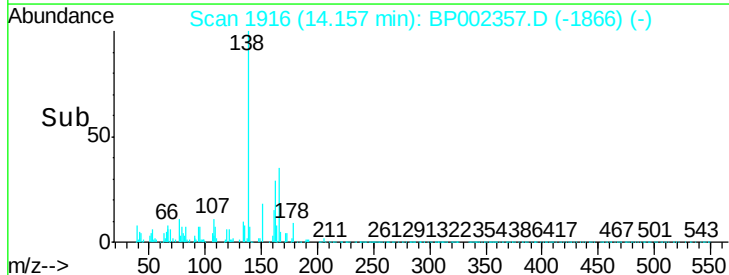
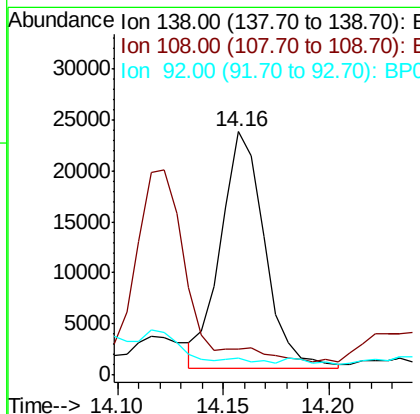
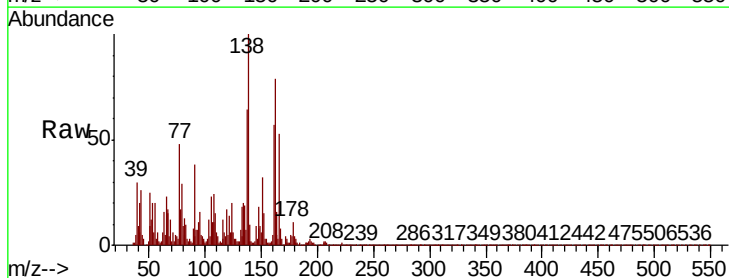
Instrument :
BNA_G
ClientSampleId :

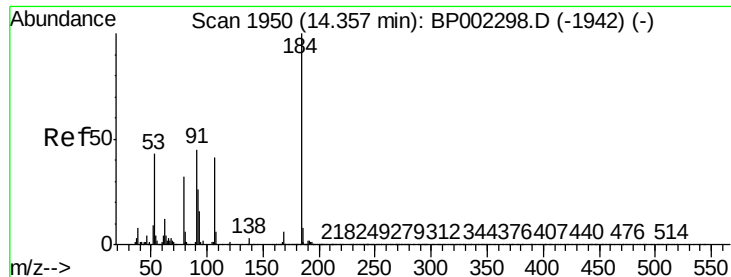
Tot Ion: 65 Resp: 18780
Ion Ratio Lower Upper
65 100
92 18.9 54.5 81.7#
138 30.7 80.2 120.2#



#53
3-Nitroaniline
Concen: 4.019 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion: 138 Resp: 33363
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 7.0 97.2 145.8#

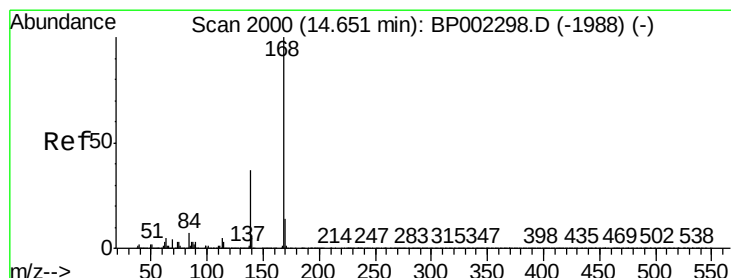
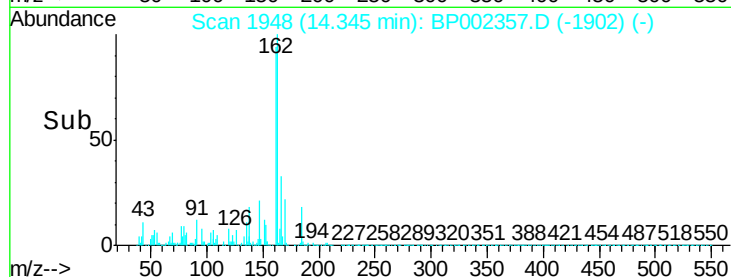
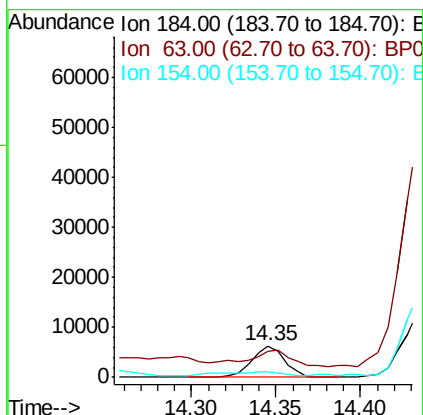
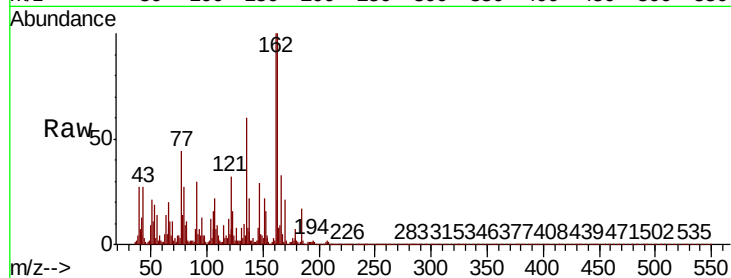




#54
2,4-Dinitrophenol
Concen: 2.325 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

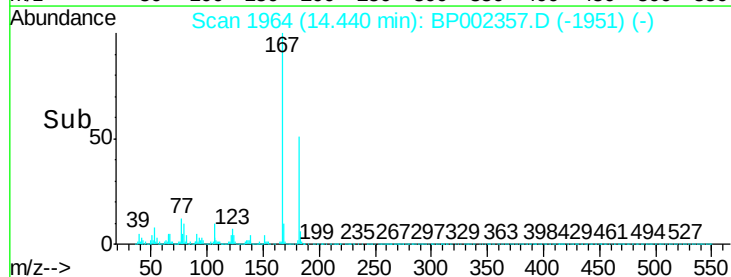
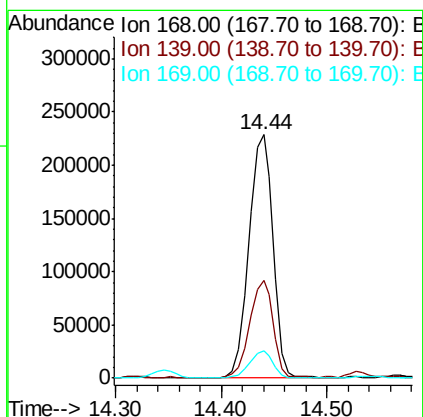
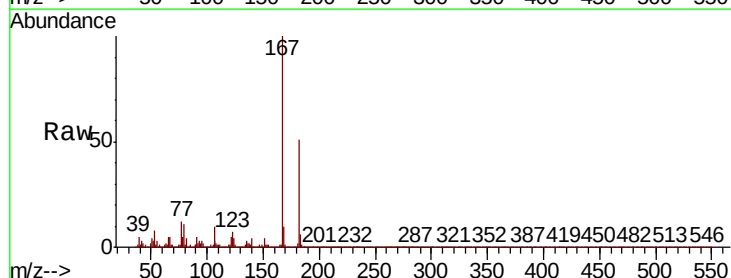
Instrument :
BNA_G
ClientSampleId :

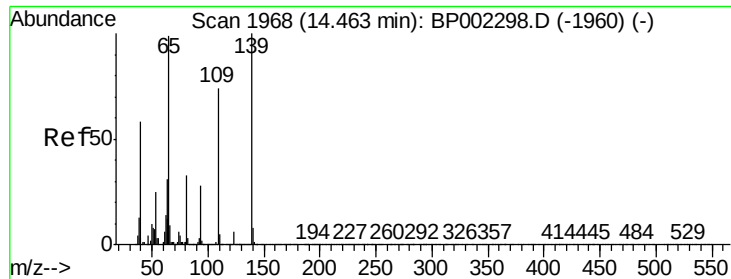
Tot Ion:184 Resp: 8526
Ion Ratio Lower Upper
184 100
63 85.0 53.6 80.4#
154 18.0 47.4 71.2#



#55
Dibenzofuran
Concen: 9.016 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.22 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion:168 Resp: 362886
Ion Ratio Lower Upper
168 100
139 40.0 28.9 43.3
169 11.0 10.6 16.0

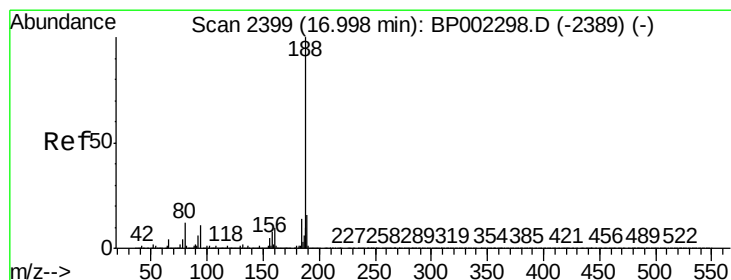
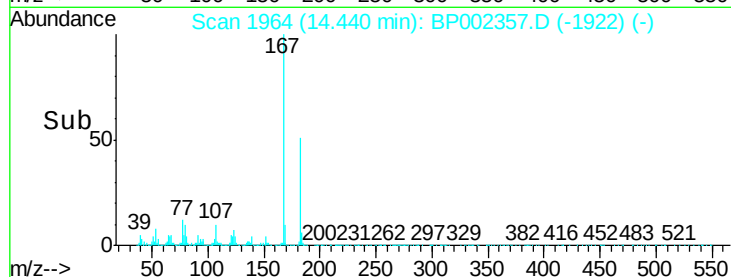
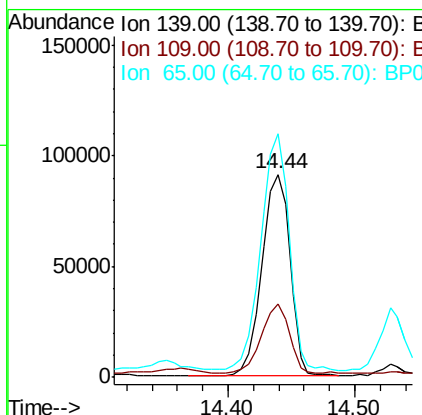
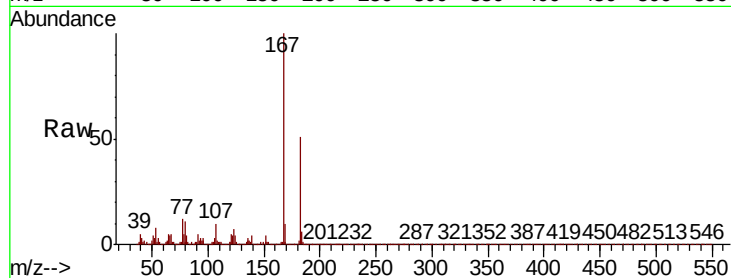




#56
4-Nitrophenol
Concen: 21.689 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.05 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

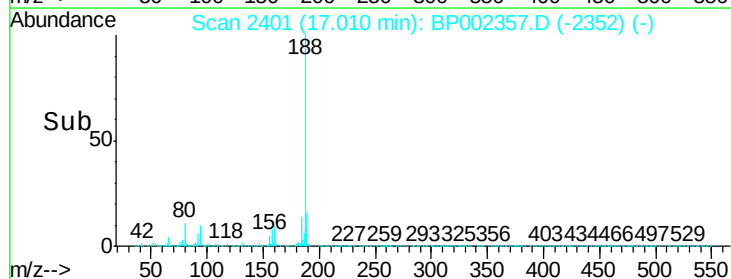
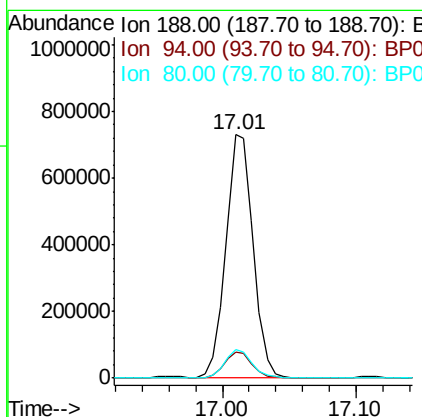
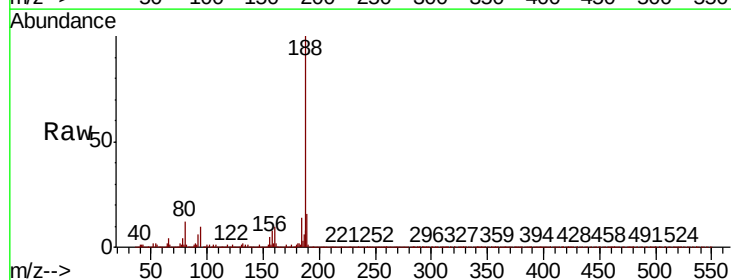
Instrument :
BNA_G
ClientSampled :

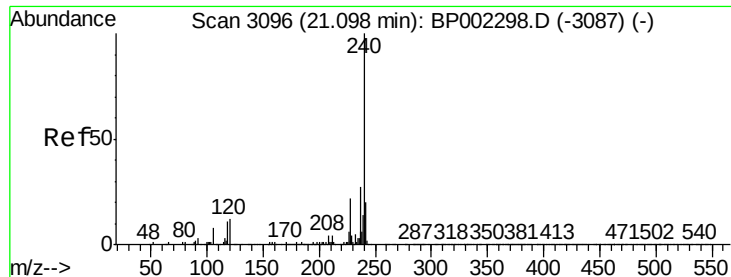
Tot Ion:139 Resp: 142314
Ion Ratio Lower Upper
139 100
109 36.3 51.1 91.1#
65 119.9 79.2 119.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion:188 Resp: 1040272
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.5 9.3 13.9

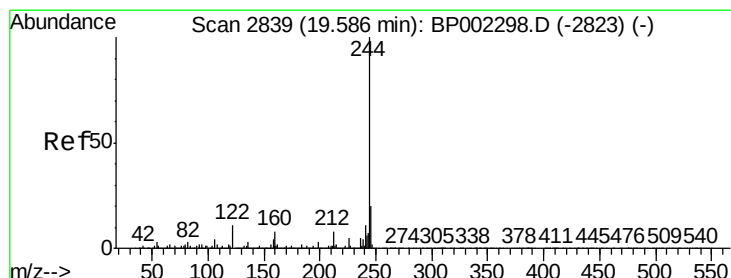
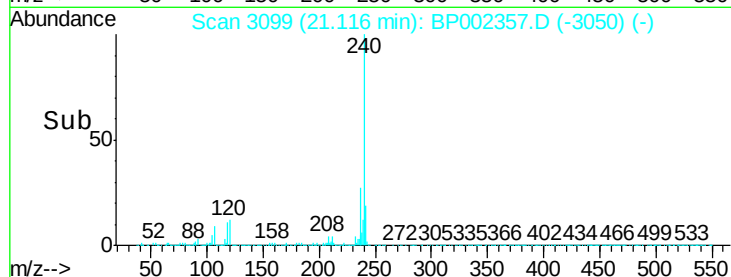
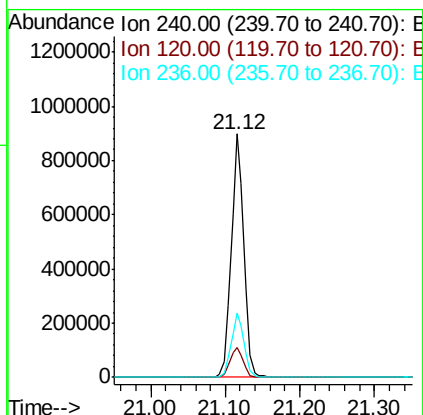
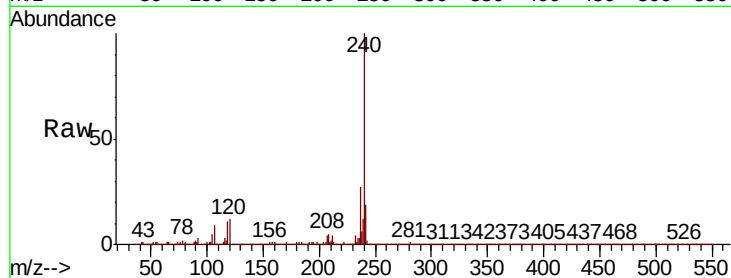




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

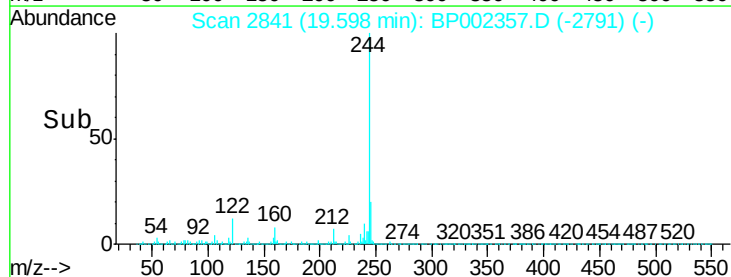
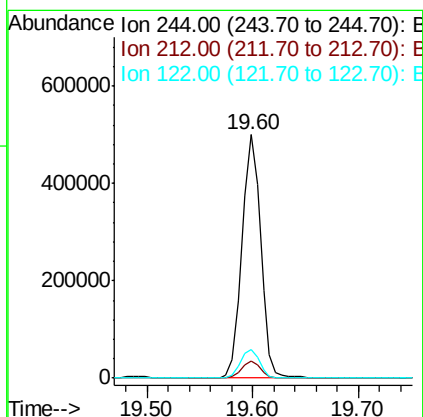
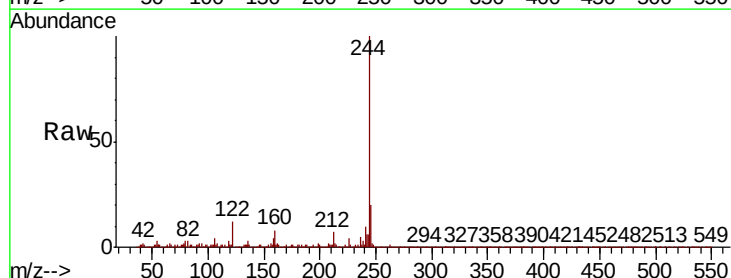
Instrument :
BNA_G
ClientSampled :

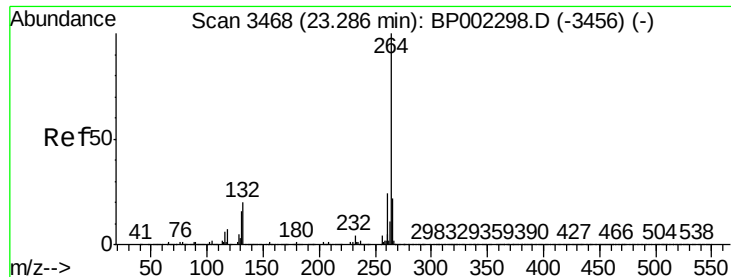
Tot Ion:240 Resp: 1063102
Ion Ratio Lower Upper
240 100
120 12.4 8.7 13.1
236 26.6 21.0 31.4



#79
Terphenyl-d14
Concen: 13.847 ng
RT: 19.60 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Tgt Ion:244 Resp: 607845
Ion Ratio Lower Upper
244 100
212 7.1 6.4 9.6
122 12.0 9.4 14.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1147716

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.7	17.8	26.6

