

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_P
 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

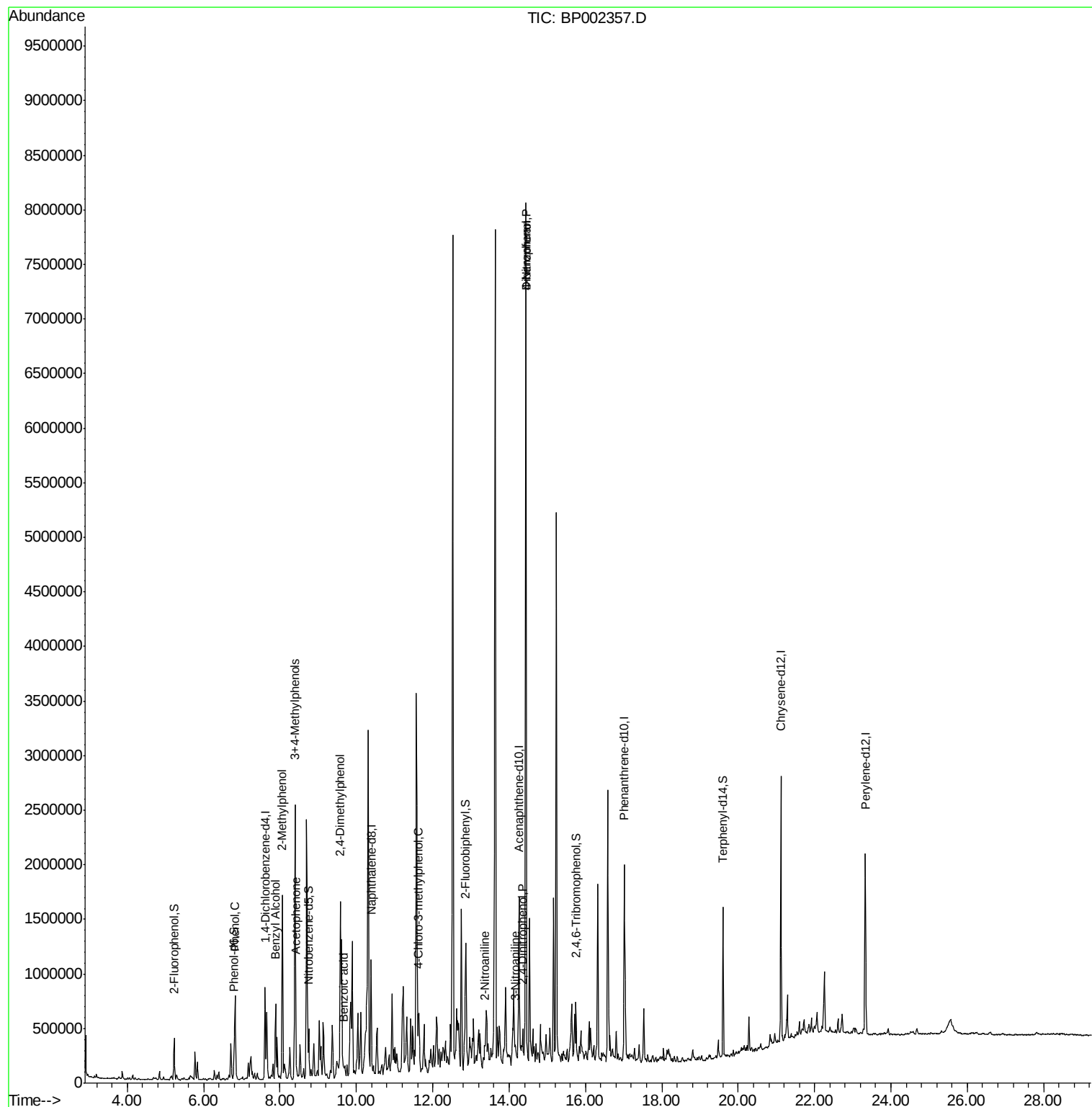
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.82	94	404677	23.387	ng	99
15) Benzyl Alcohol	7.88	79	25060	2.097	ng	# 47
17) 2-Methylphenol	8.06	107	519663	42.047	ng	99
20) 3+4-Methylphenols	8.39	107	1109225	66.046	ng	99
22) Acetophenone	8.42	105	62166	3.211	ng	# 80
27) 2,4-Dimethylphenol	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

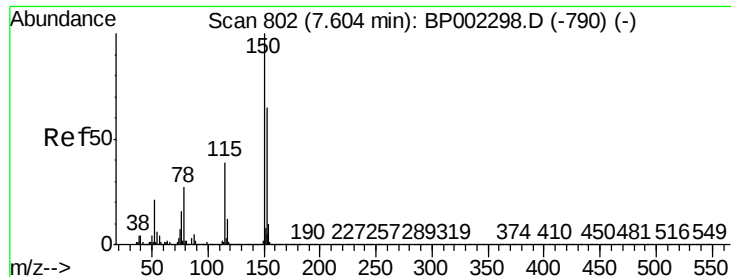
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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_P
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



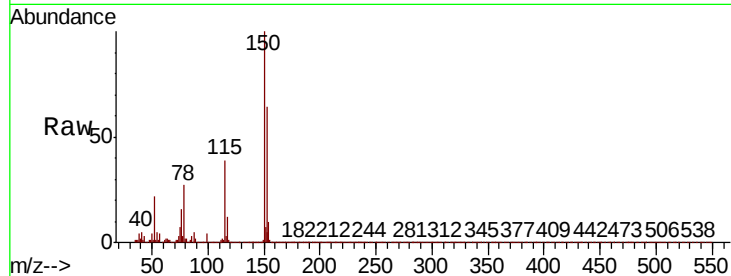


#1

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_P
ClientSampled :

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

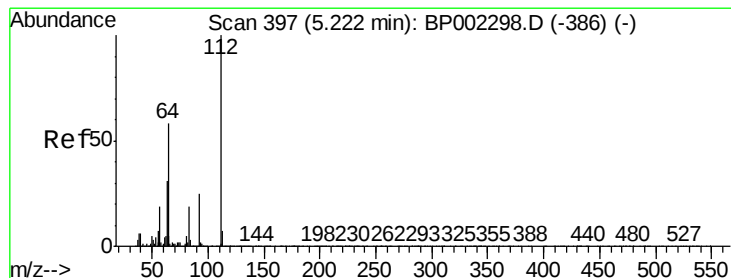
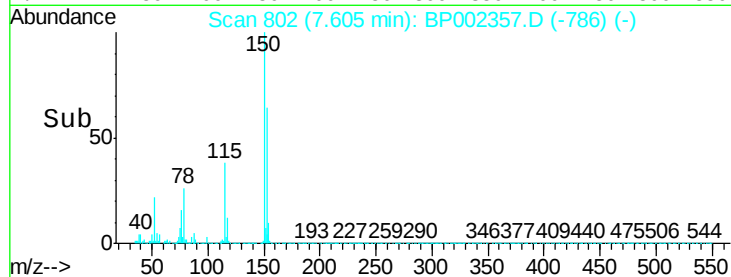
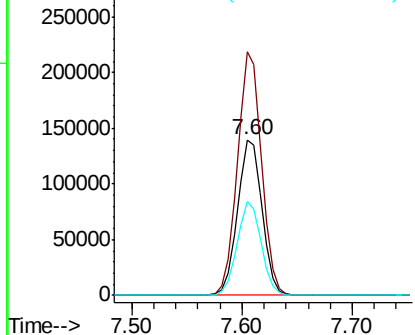


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

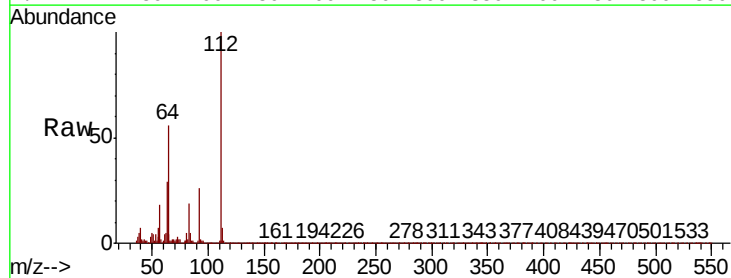
Ion 115.00 (114.70 to 115.70): E



#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

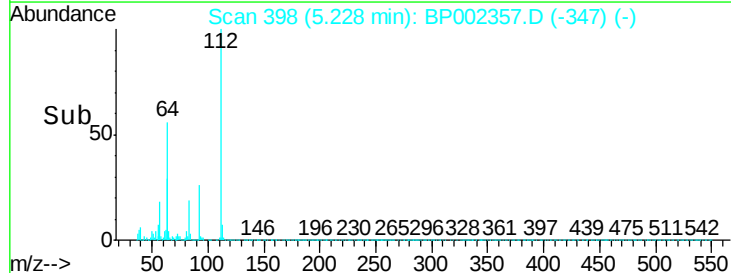
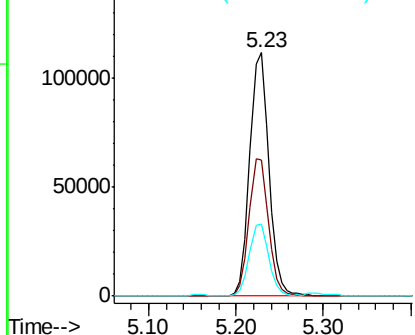


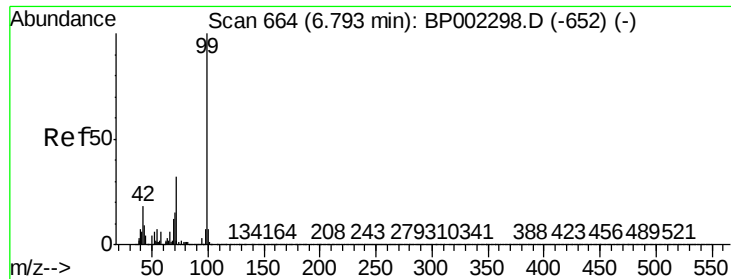
Abundance

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

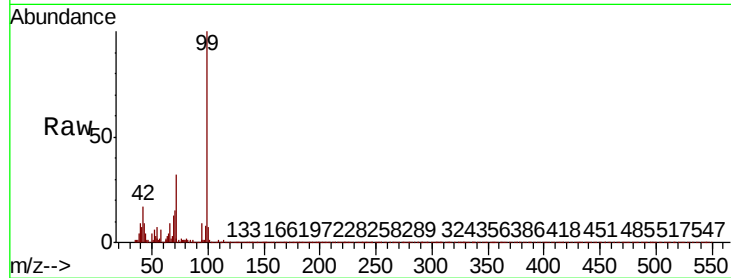
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 205107

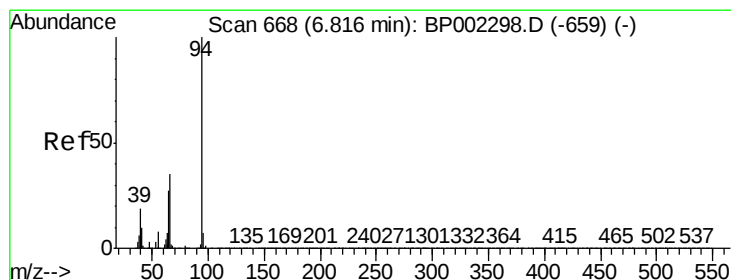
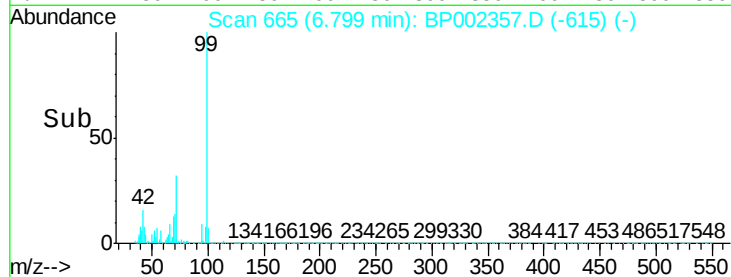
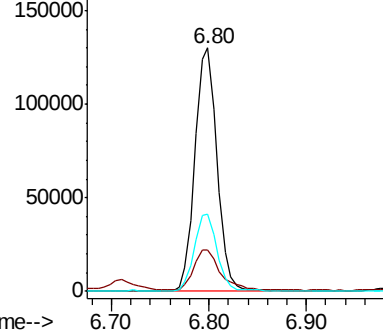
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.9	20.9
71	31.8	25.8	38.8



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



#10

Phenol

Concen: 23.387 ng

RT: 6.82 min Scan# 669

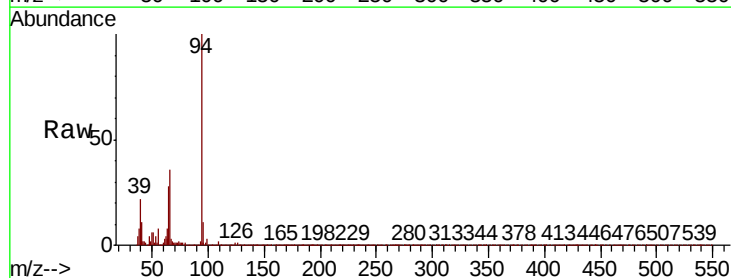
Delta R.T. -0.01 min

Lab File: BP002357.D

Acq: 02 Jun 2020 16:01

Tgt Ion: 94 Resp: 404677

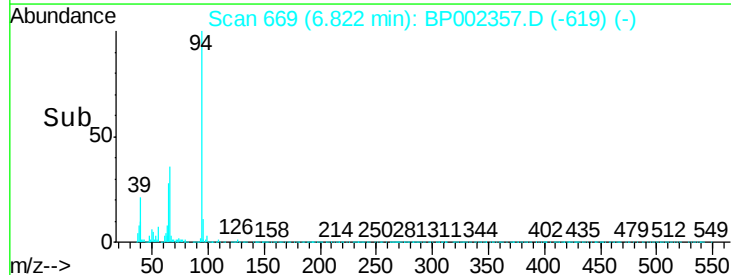
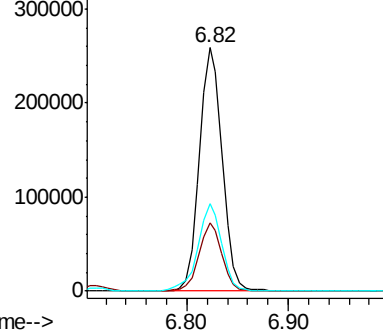
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.2	47.2
66	36.1	16.2	56.2

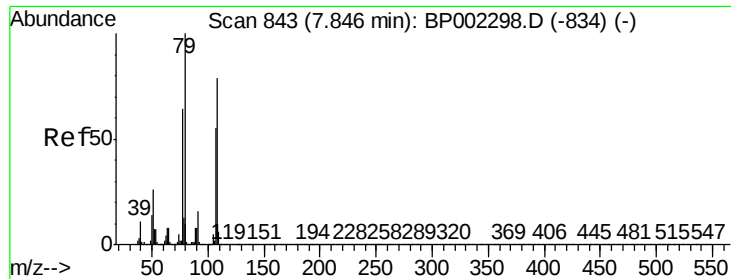


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

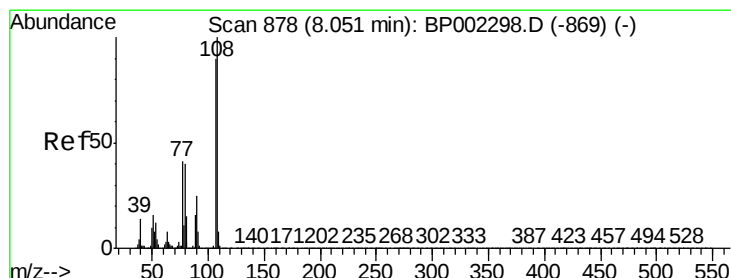
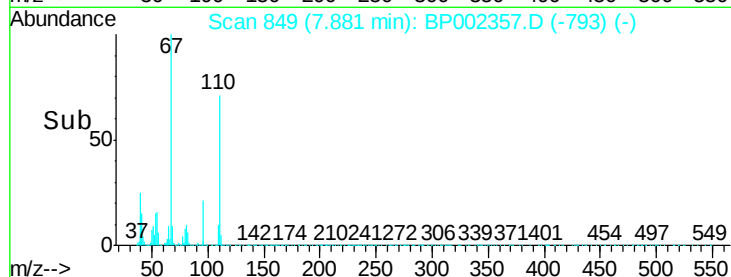
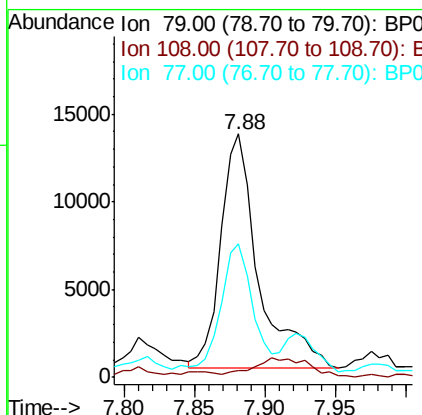
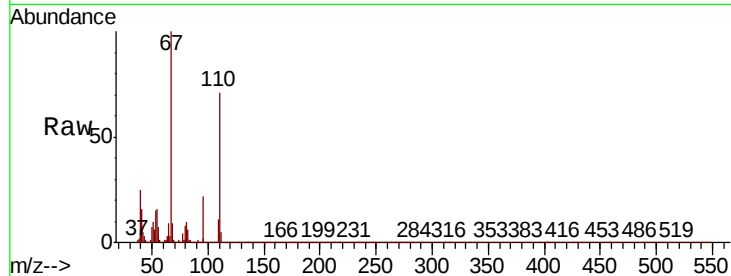




#15
Benzyl Alcohol
Concen: 2.097 ng
RT: 7.88 min Scan# 849
Delta R.T. 0.03 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

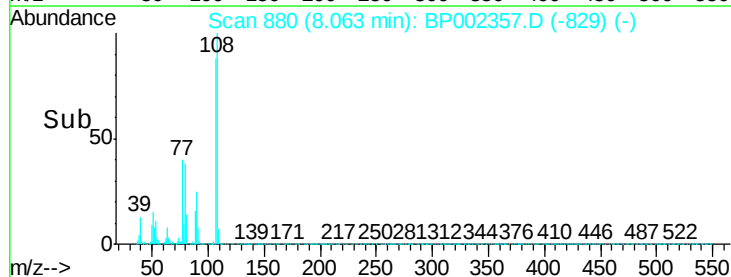
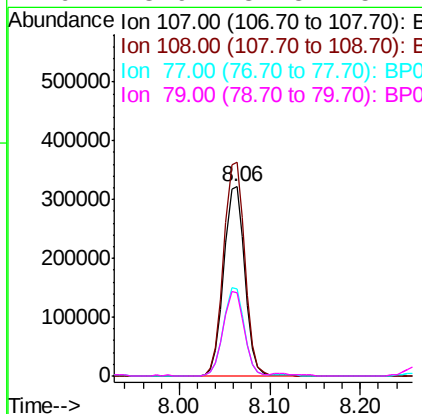
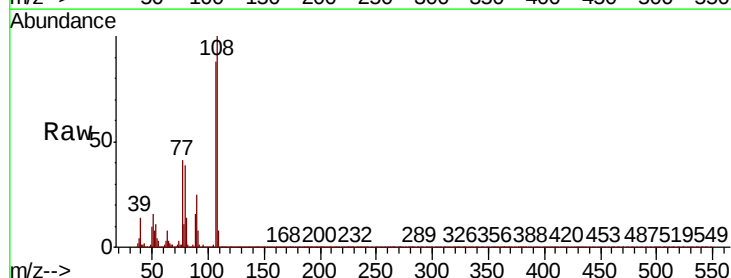
Instrument :
BNA_P
ClientSampleId :

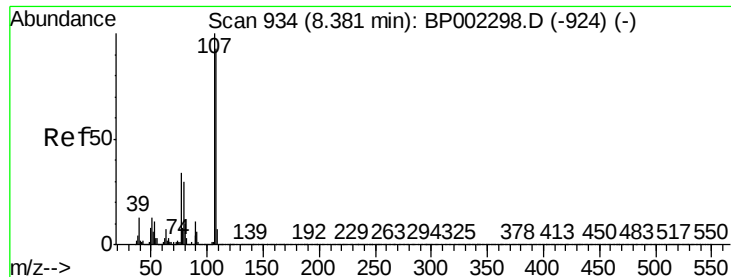
Tot Ion: 79 Resp: 25060
Ion Ratio Lower Upper
79 100
108 3.0 62.4 93.6#
77 55.1 52.1 78.1



#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

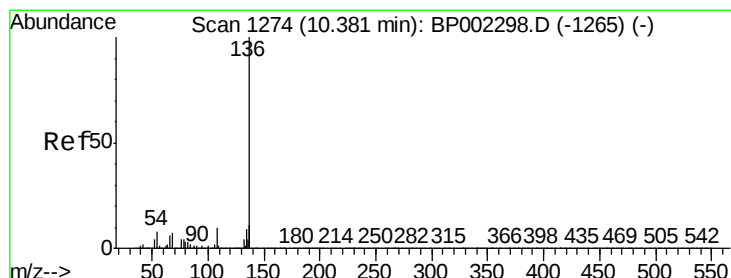
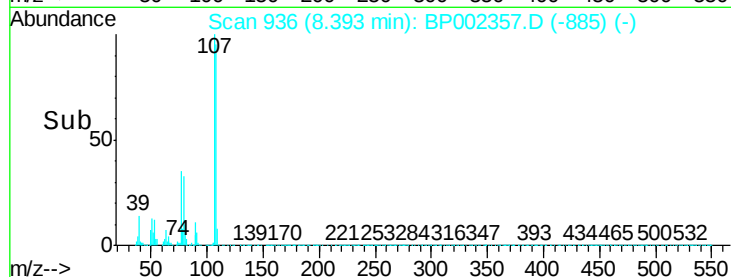
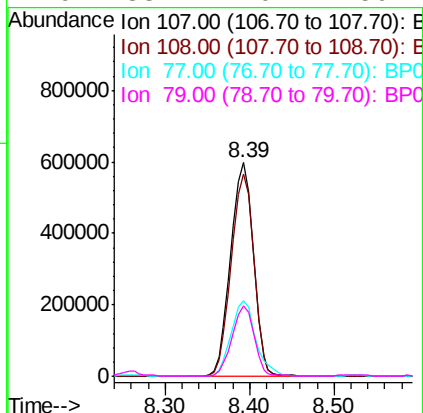
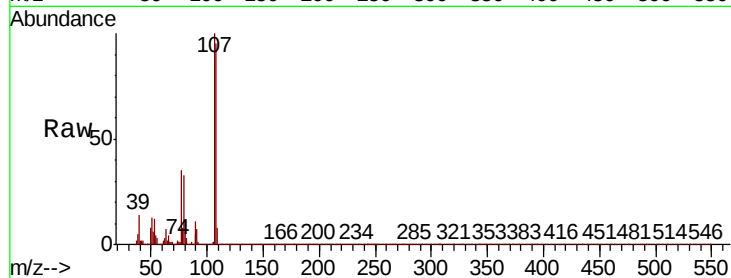




#20
3+4-Methylphenols
Concen: 66.046 ng
RT: 8.39 min Scan# 936
Delta R.T. 0.00 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

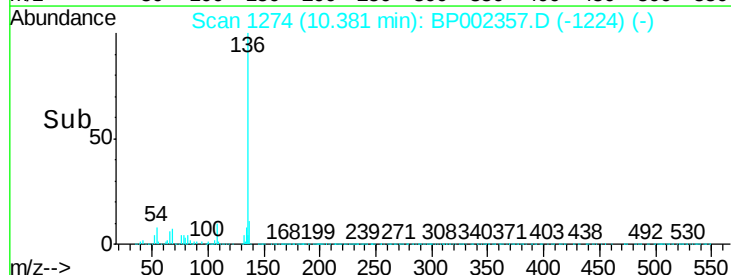
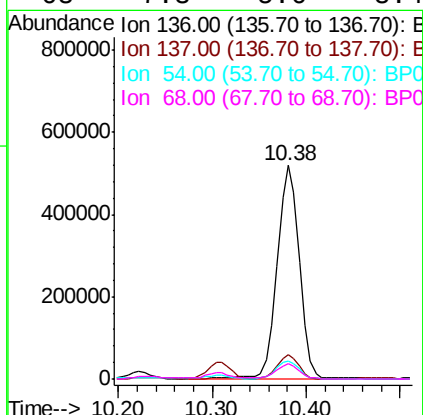
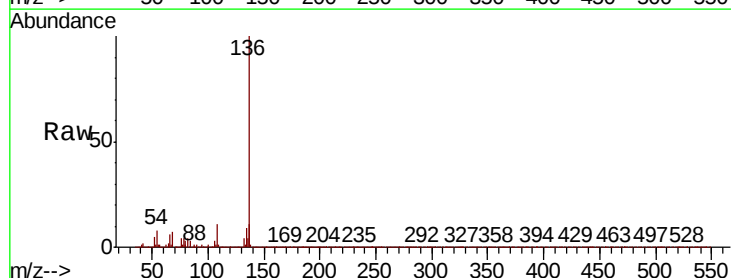
Instrument :
BNA_P
ClientSampleId :

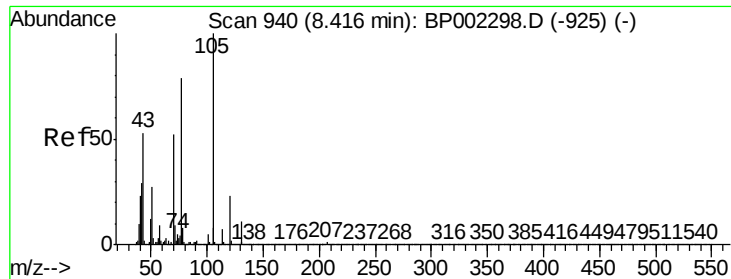
Tot Ion:	107	Resp:	1109225
Ion	Ratio	Lower	Upper
107	100		
108	94.9	74.7	114.7
77	35.3	14.4	54.4
79	33.2	10.7	50.7



#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

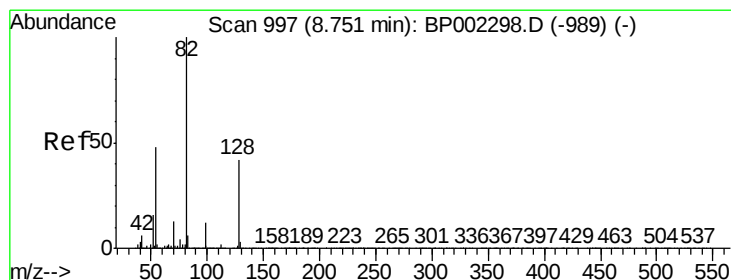
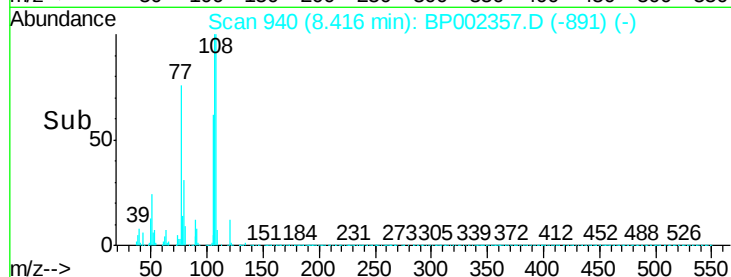
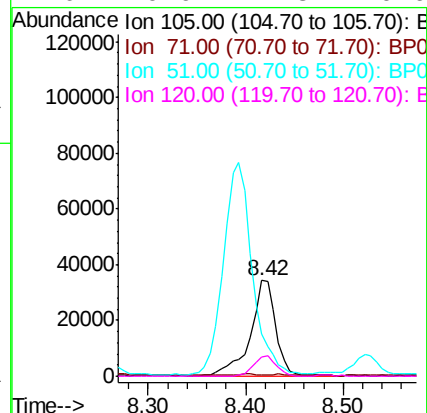
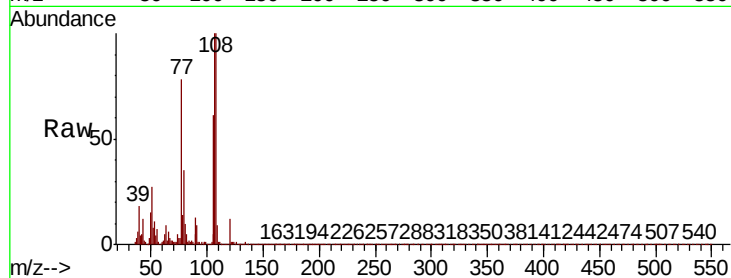




#22
Acetophenone
Concen: 3.211 ng
RT: 8.42 min Scan# 940
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

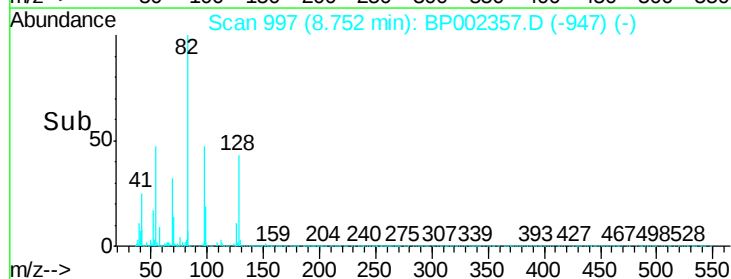
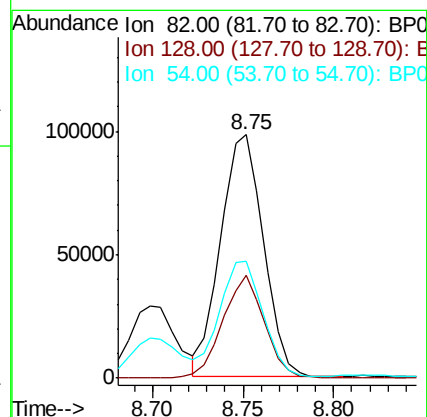
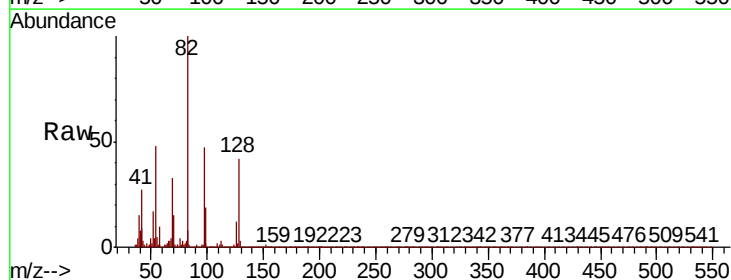
Instrument :
BNA_P
ClientSampled :

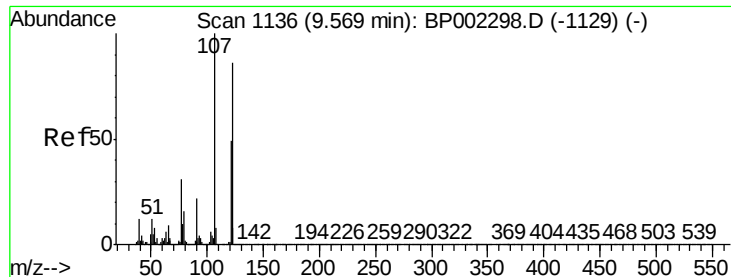
Tot Ion:105 Resp: 62166
Ion Ratio Lower Upper
105 100
71 1.4 6.5 9.7#
51 44.1 21.7 32.5#
120 19.9 17.8 26.6



#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: 82 Resp: 161170
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 47.9 38.3 57.5

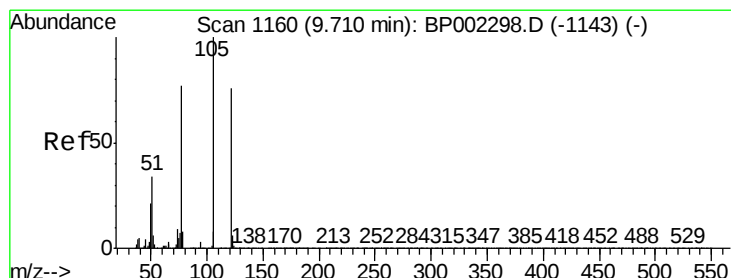
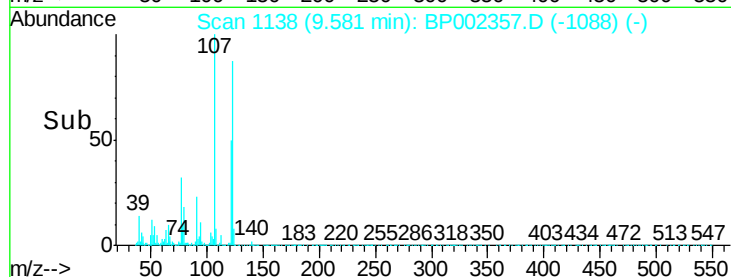
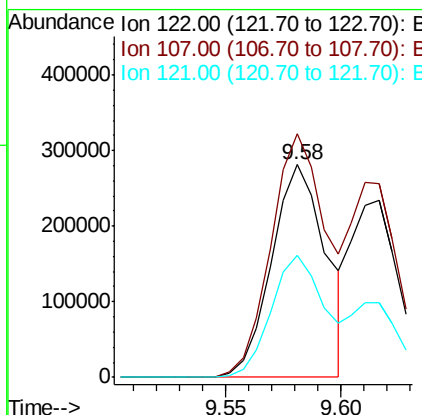
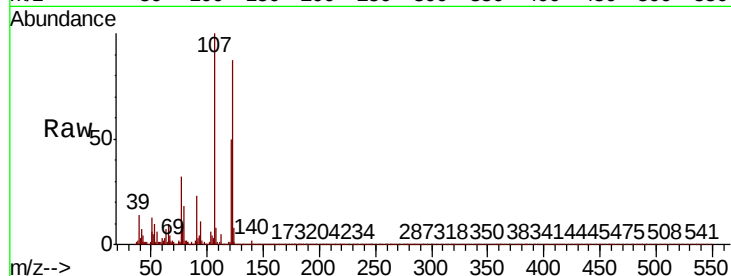




#27
2,4-Dimethylphenol
Concen: 42.473 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

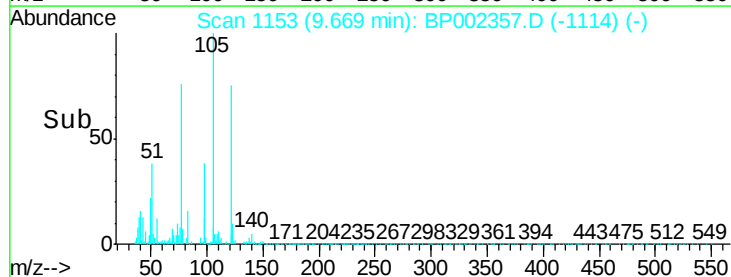
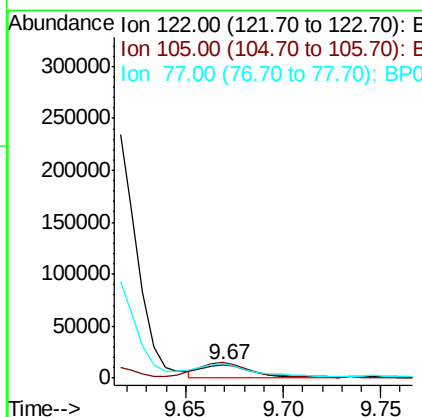
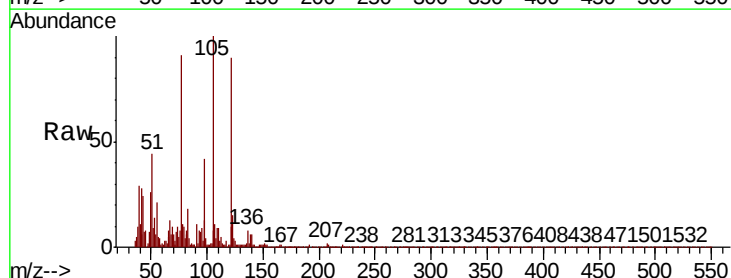
Instrument :
BNA_P
ClientSampleId :

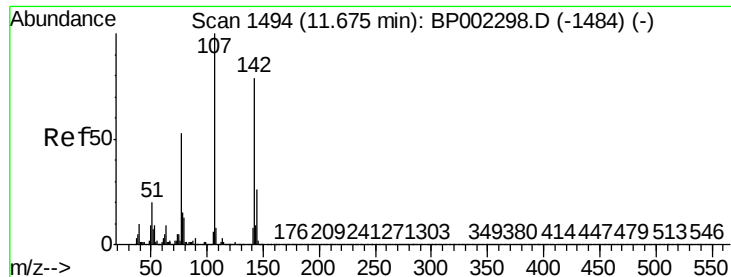
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	93.7	140.5
121	57.6	47.1	70.7



#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	Ratio	Lower	Upper
122	100		
105	110.7	102.7	142.7
77	100.8	74.8	114.8

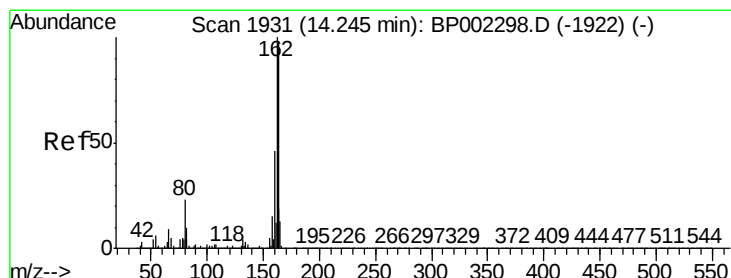
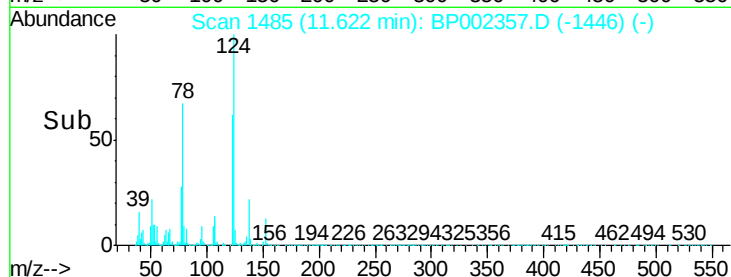
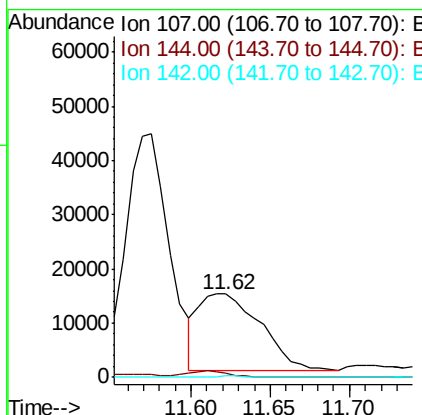
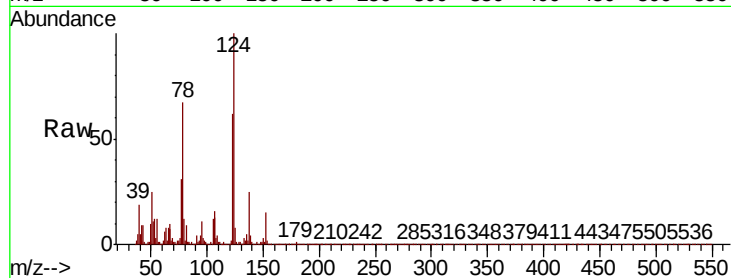




#36
4-Chloro-3-methylphenol
Concen: 2.978 ng
RT: 11.62 min Scan# 1485
Delta R.T. -0.07 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

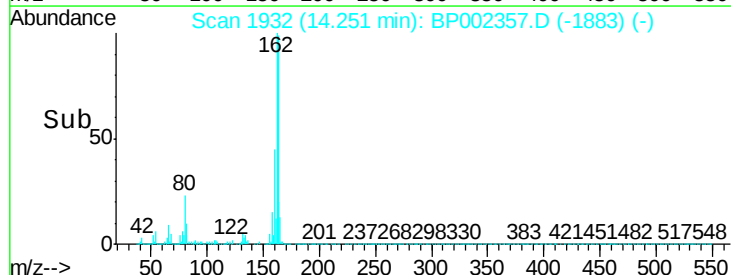
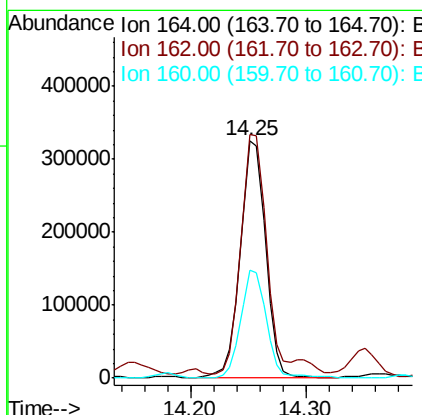
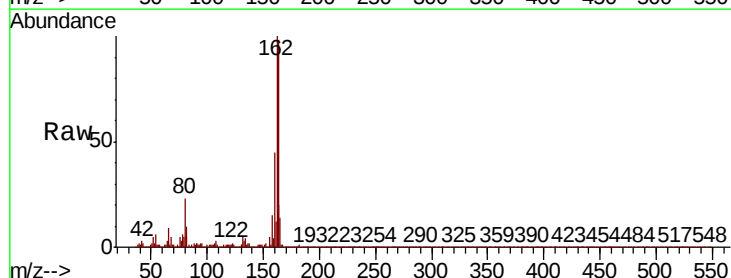
Instrument :
BNA_P
ClientSampleId :

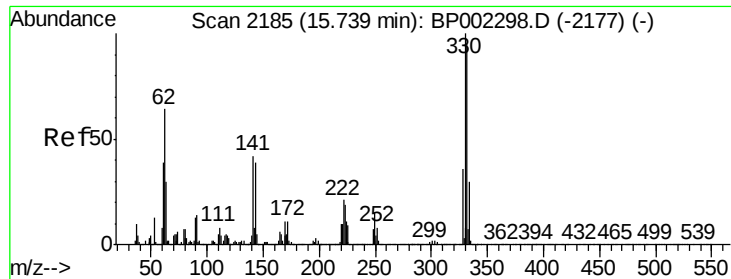
Tot Ion:107 Resp: 38108
Ion Ratio Lower Upper
107 100
144 5.2 20.6 31.0#
142 1.3 63.0 94.6#



#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

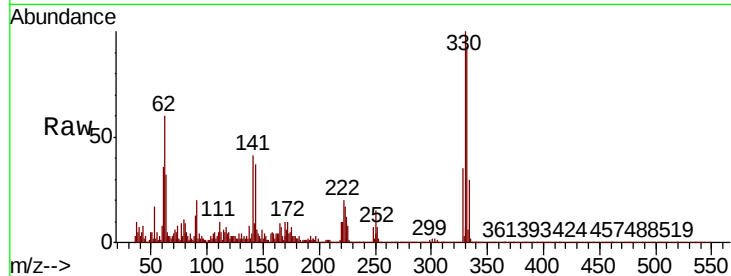




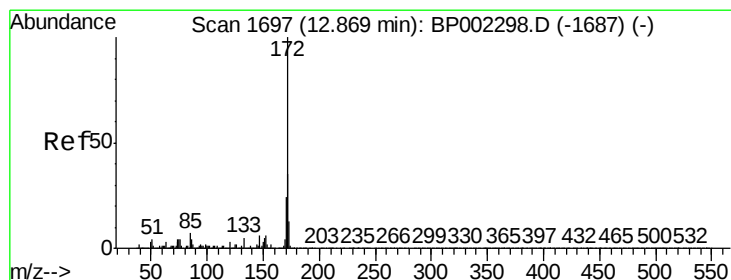
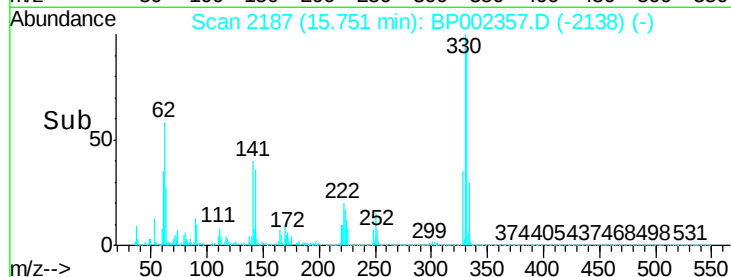
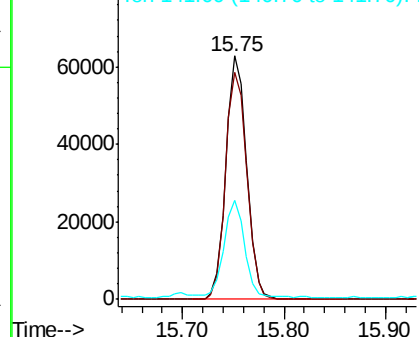
#42
2,4,6-Tribromophenol
Concen: 19.127 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

Instrument :
BNA_P
ClientSampleId :

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

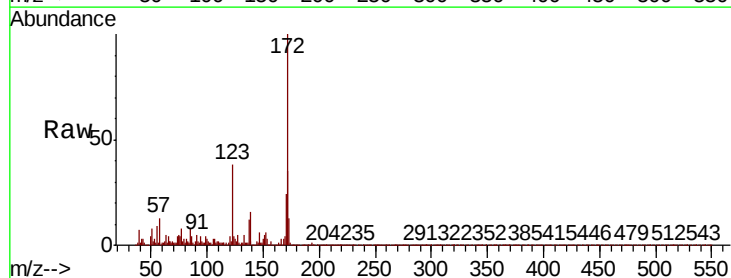


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

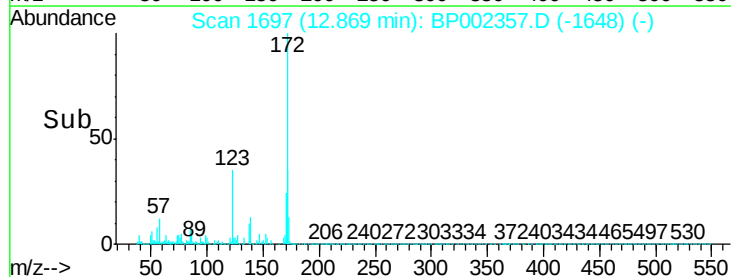
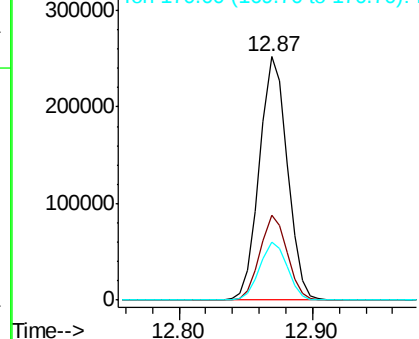


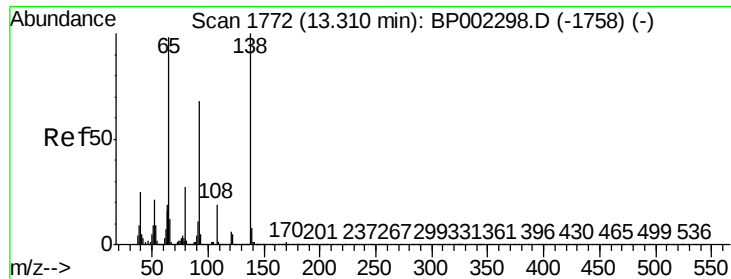
#45
2-Fluorobiphenyl
Concen: 12.998 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

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

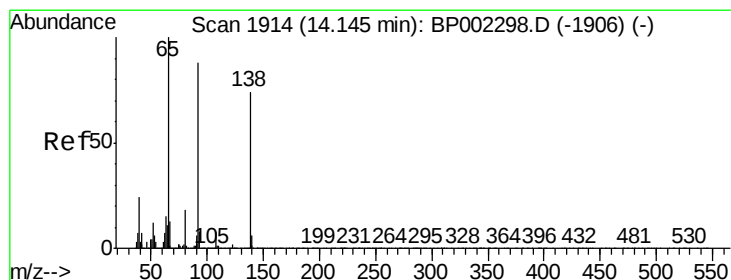
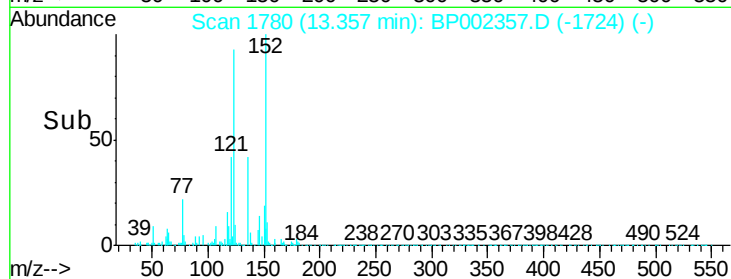
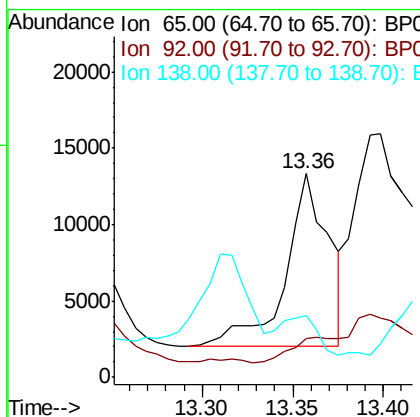
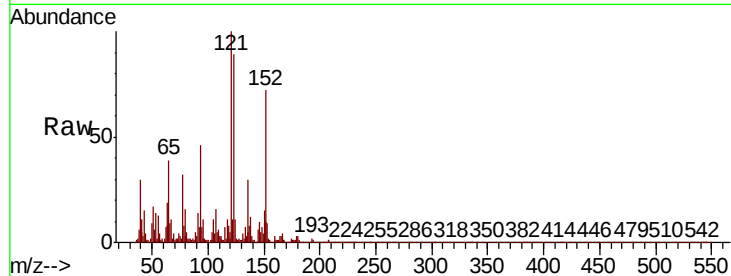




#48
2-Nitroaniline
Concen: 2.287 ng
RT: 13.36 min Scan# 1780
Delta R.T. 0.03 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

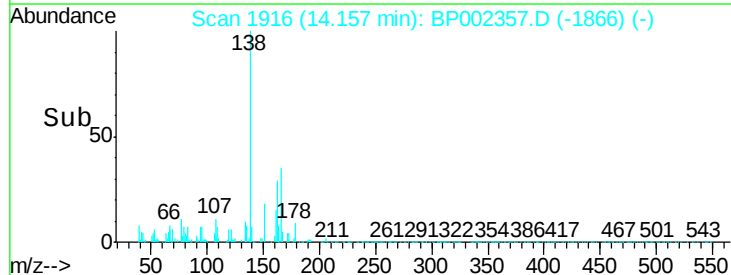
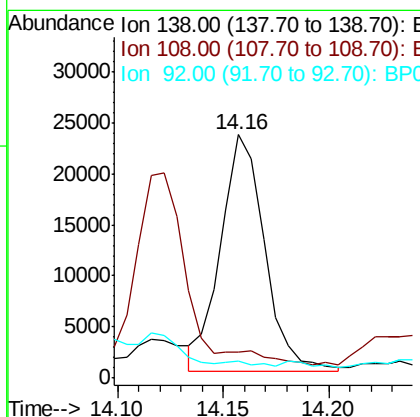
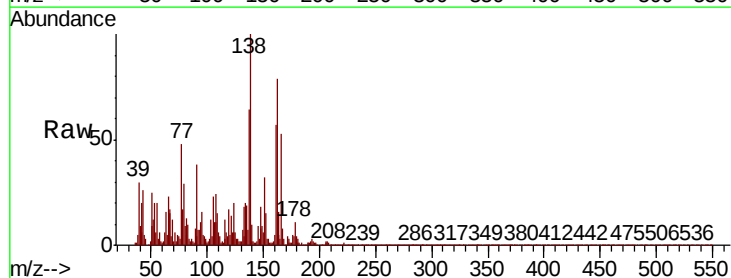
Instrument :
BNA_P
ClientSampleId :

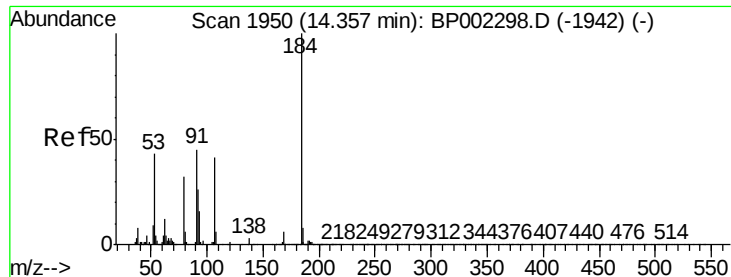
Tot Ion: 65 Resp: 18780
Ion Ratio Lower Upper
65 100
92 18.9 54.5 81.7#
138 30.7 80.2 120.2#



#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#

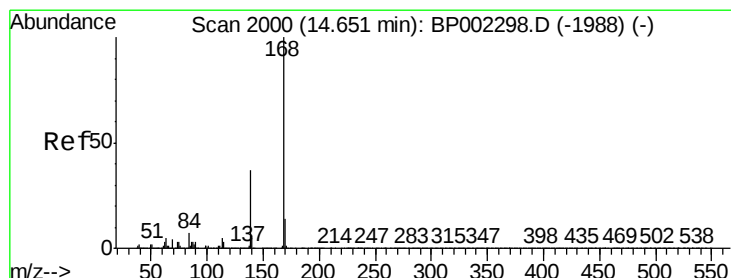
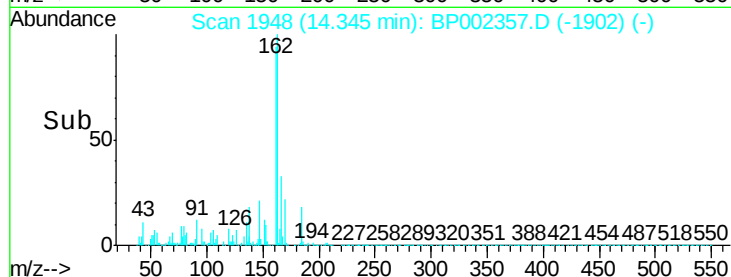
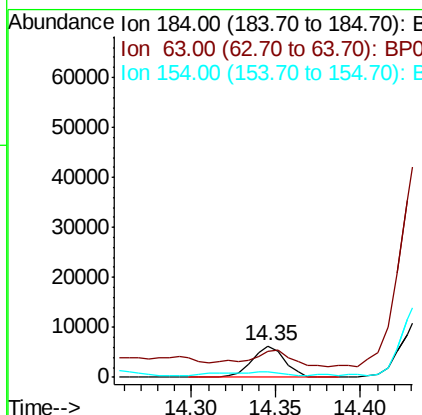
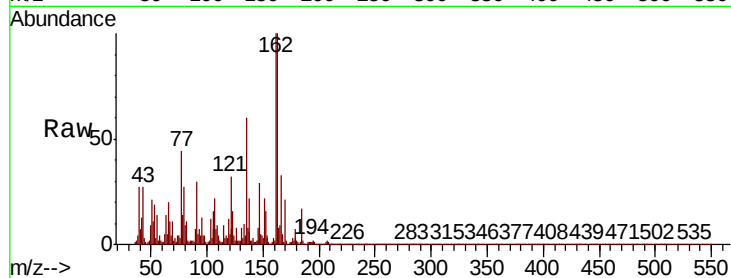




#54
2,4-Dinitrophenol
Concen: 2.325 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

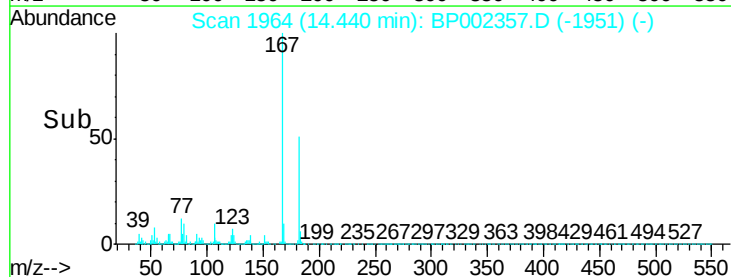
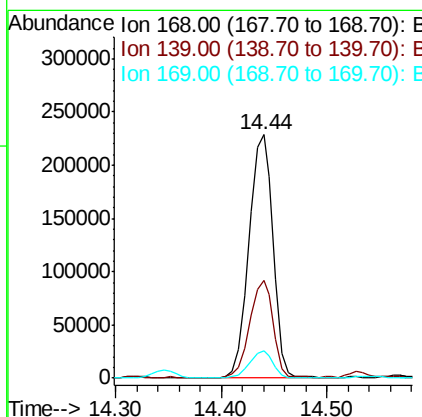
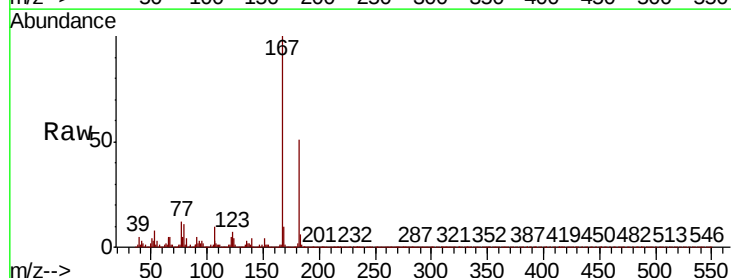
Instrument :
BNA_P
ClientSampleId :

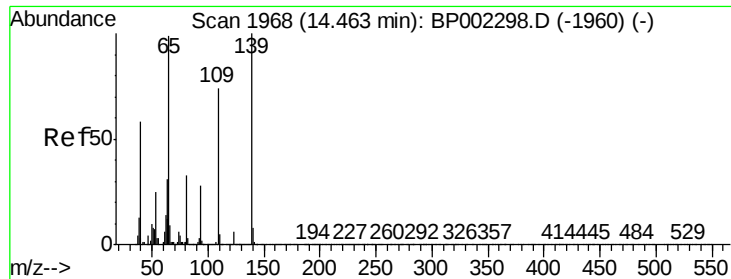
Tot Ion:184 Resp: 8526
Ion Ratio Lower Upper
184 100
63 85.0 53.6 80.4#
154 18.0 47.4 71.2#



#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

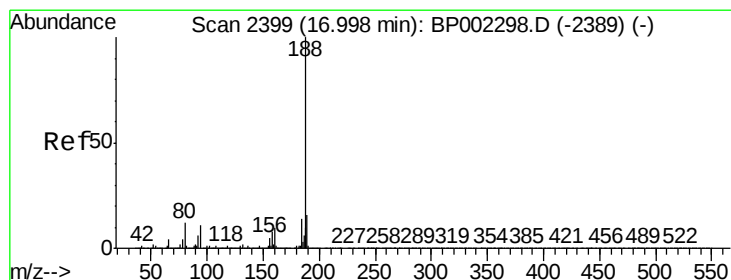
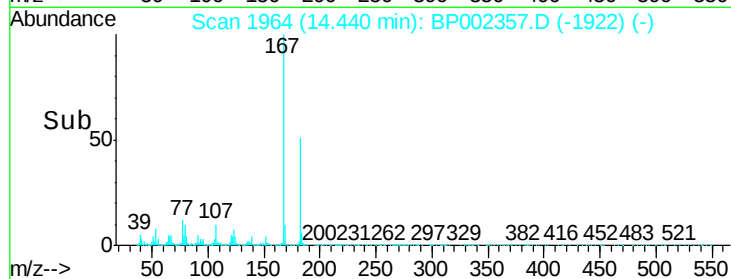
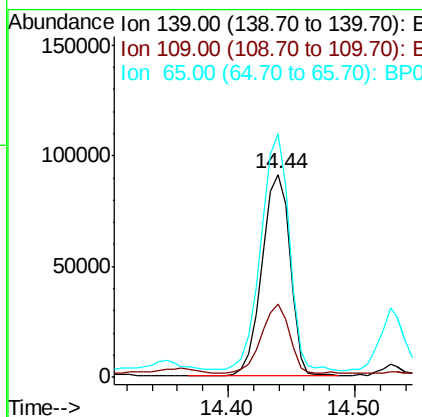
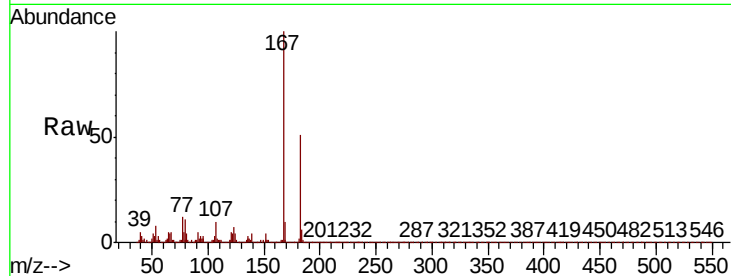




#56
4-Nitrophenol
Concen: 21.689 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.05 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

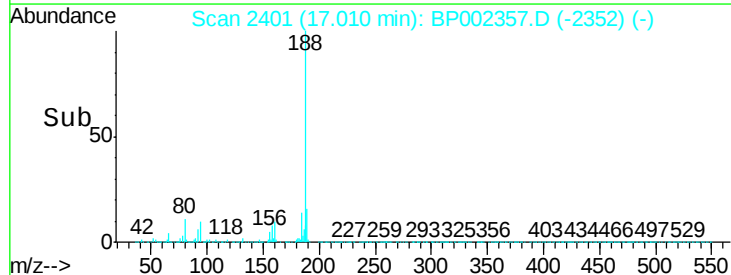
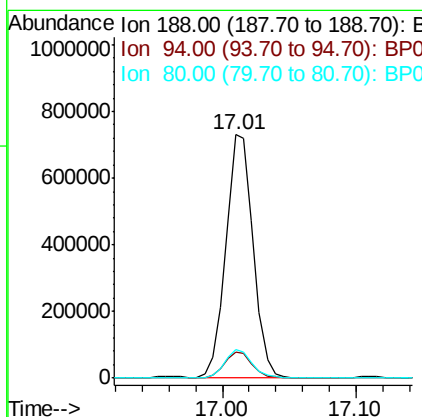
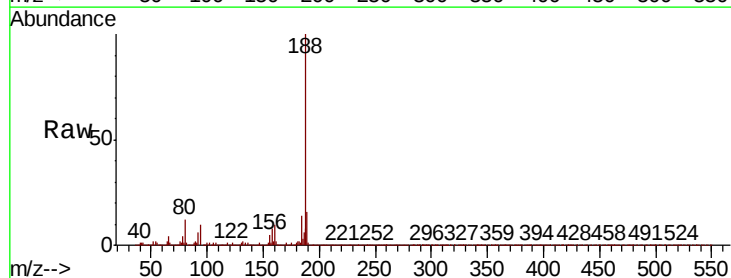
Instrument :
BNA_P
ClientSampled :

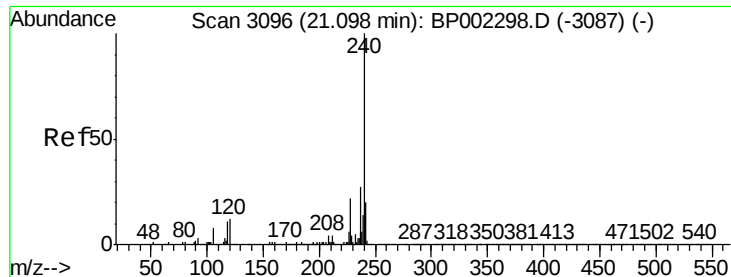
Tot Ion:139 Resp: 142314
Ion Ratio Lower Upper
139 100
109 36.3 51.1 91.1#
65 119.9 79.2 119.2#



#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

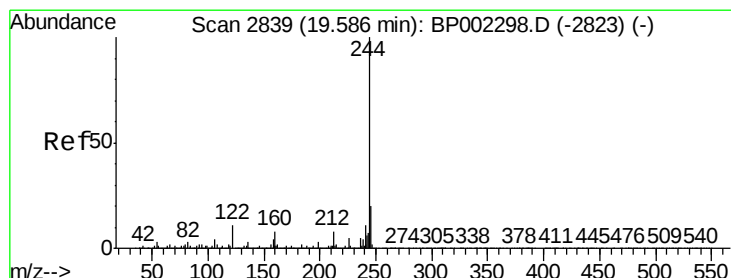
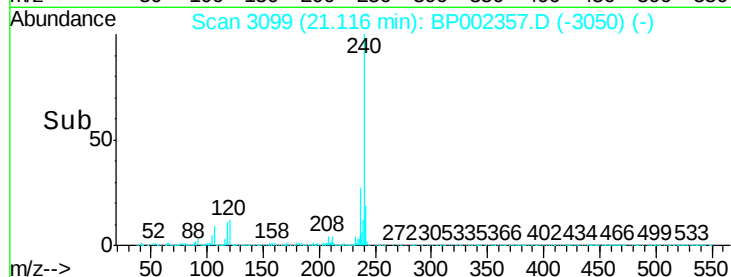
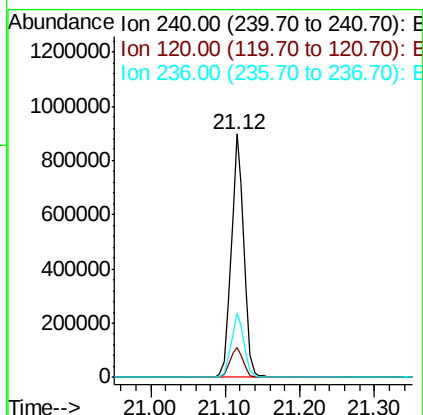
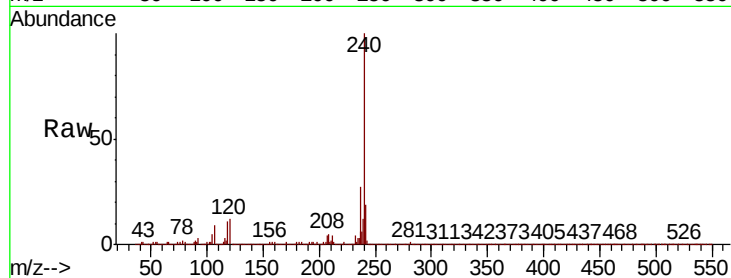




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP002357.D
Acq: 02 Jun 2020 16:01

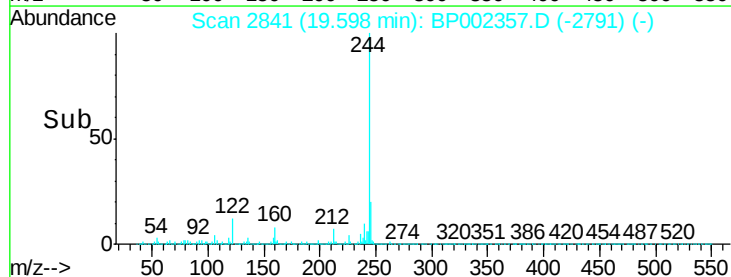
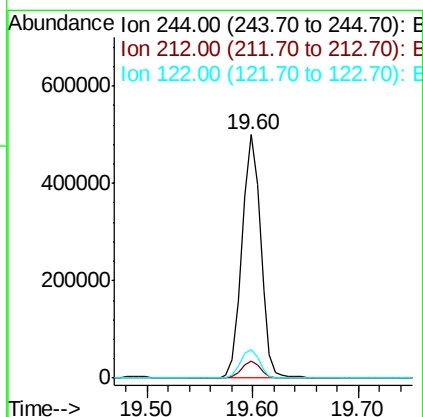
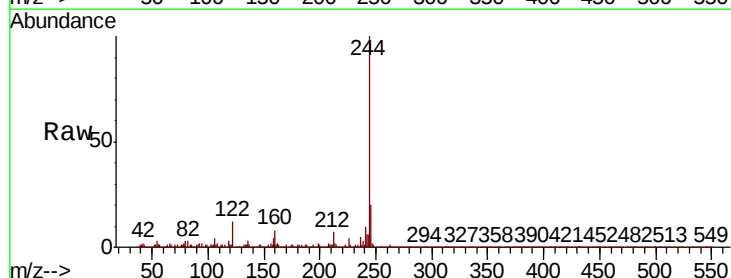
Instrument :
BNA_P
ClientSampled :

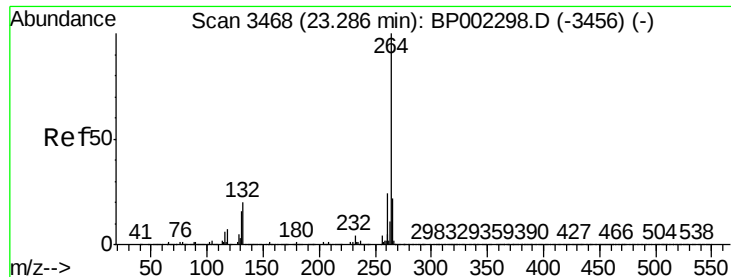
Tot Ion:240 Resp: 1063102
Ion Ratio Lower Upper
240 100
120 12.4 8.7 13.1
236 26.6 21.0 31.4



#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_P
 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

