

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004821.D
 Acq On : 19 Feb 2021 14:33
 Operator : CG/JU
 Sample : M1422-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-021621

Quant Time: Feb 19 16:19:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

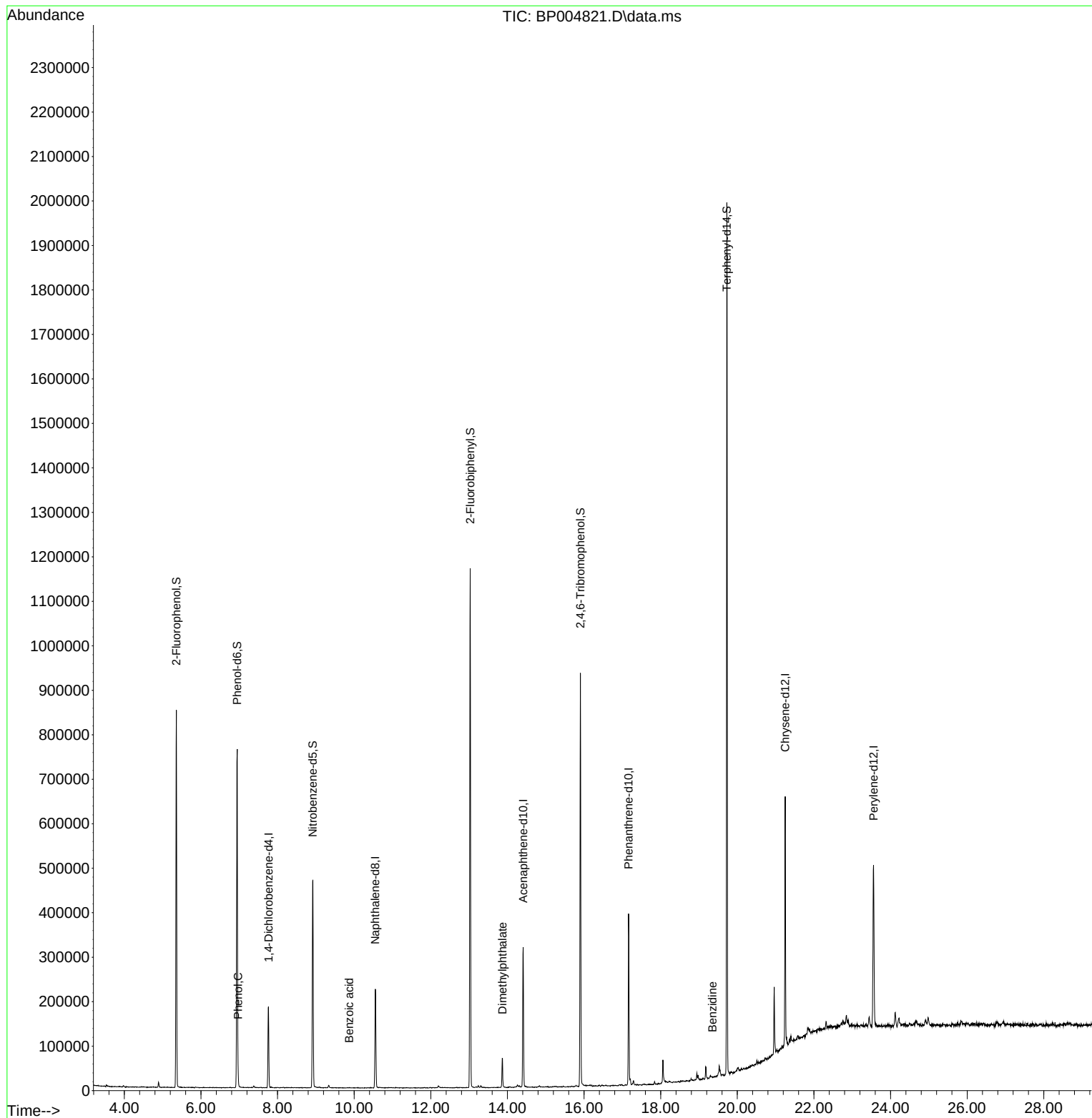
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	46301	20.00	ng	0.00
21) Naphthalene-d8	10.552	136	174321	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	104434	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	220501	20.00	ng	# 0.00
76) Chrysene-d12	21.251	240	250190	20.00	ng	# 0.00
86) Perylene-d12	23.557	264	261808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	336392	112.18	ng	0.00
7) Phenol-d6	6.946	99	414114	100.42	ng	0.00
23) Nitrobenzene-d5	8.916	82	263917	65.97	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	153423	110.57	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	562312	65.81	ng	0.00
79) Terphenyl-d14	19.728	244	799546	53.68	ng	0.00
Target Compounds						
10) Phenol	6.969	94	14869	3.72	ng	Qvalue 83
32) Benzoic acid	9.869	122	20	6.86	ng	# 56
50) Dimethylphthalate	13.869	163	42216	4.60	ng	99
77) Benzidine	19.351	184	79	2.15	ng	# 1

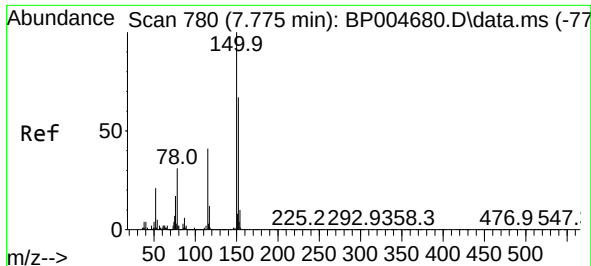
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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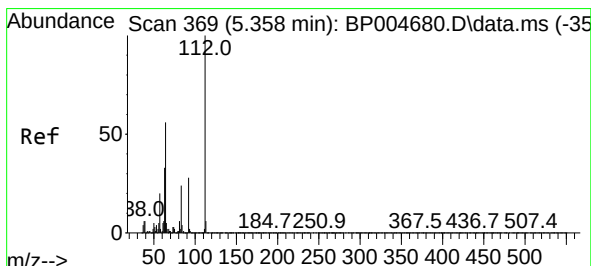
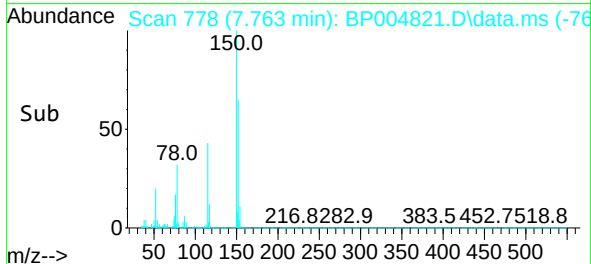
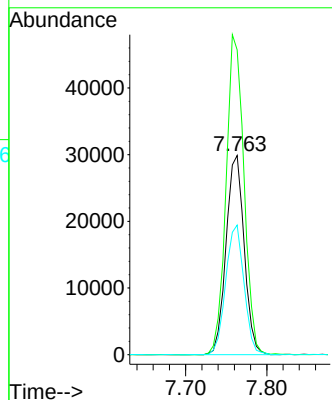
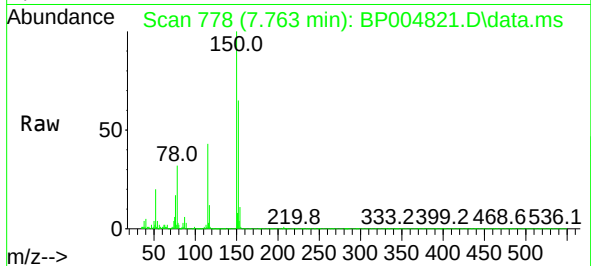




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

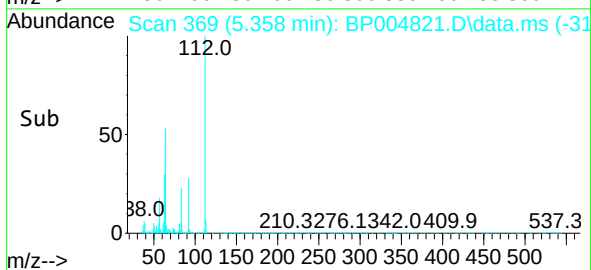
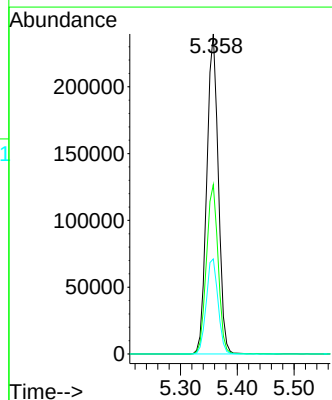
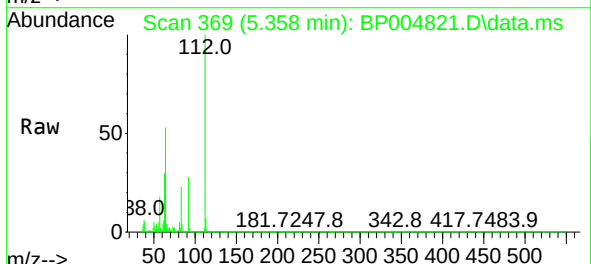
Instrument :
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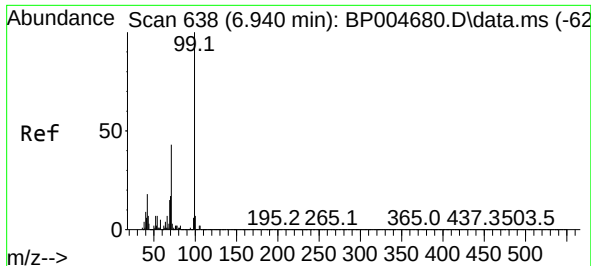
Tgt Ion:152 Resp: 46301
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 65.0 43.8 65.6



#5
2-Fluorophenol
Concen: 112.18 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Tgt Ion:112 Resp: 336392
Ion Ratio Lower Upper
112 100
64 52.9 32.8 49.2#
63 29.7 17.0 25.4#

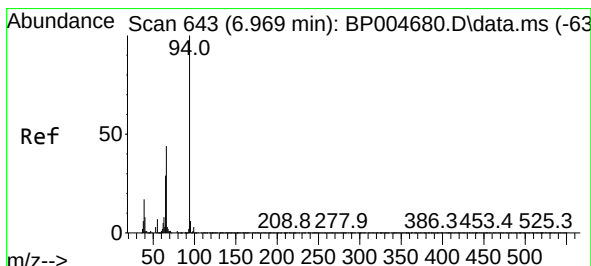
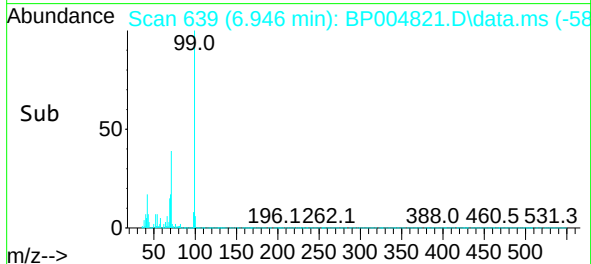
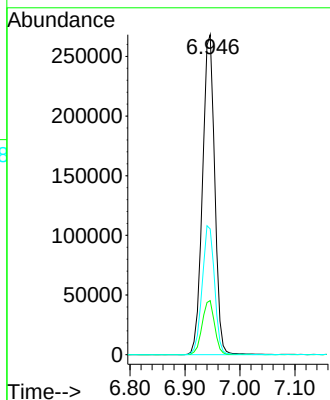
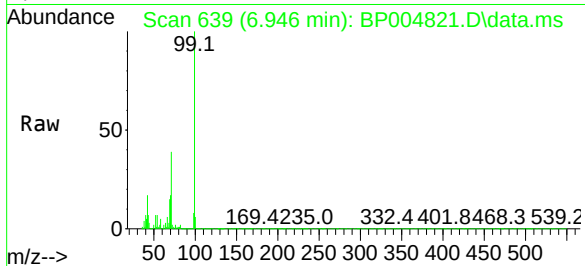




#7
Phenol-d6
Concen: 100.42 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

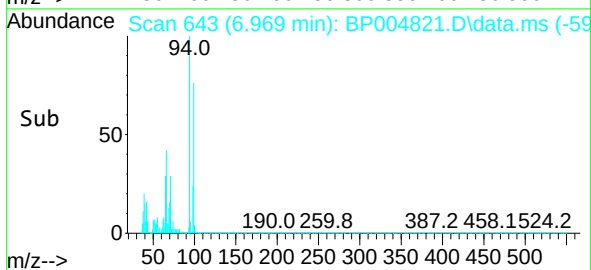
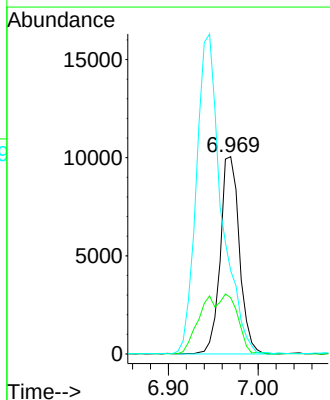
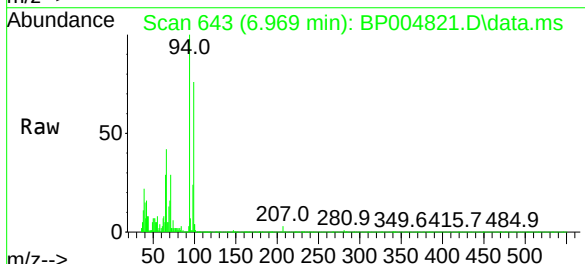
Instrument :
BNA_P
ClientSampleId :
BU-03-021621

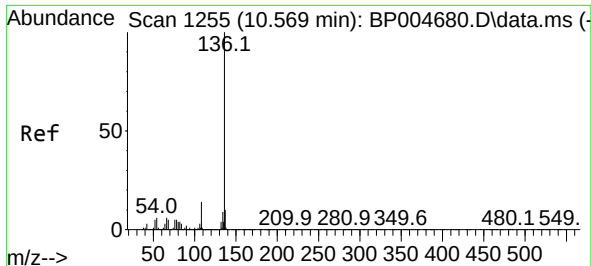
Tgt Ion: 99 Resp: 414114
Ion Ratio Lower Upper
99 100
42 16.9 8.6 13.0#
71 39.3 23.4 35.2#



#10
Phenol
Concen: 3.72 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Tgt Ion: 94 Resp: 14869
Ion Ratio Lower Upper
94 100
65 28.5 2.3 42.3
66 42.2 10.9 50.9

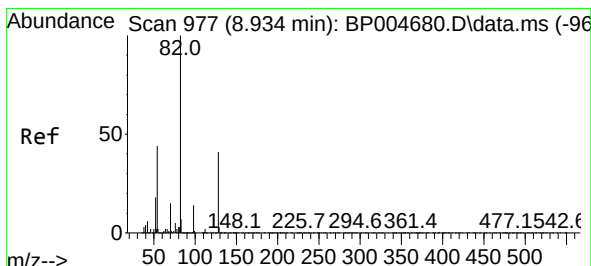
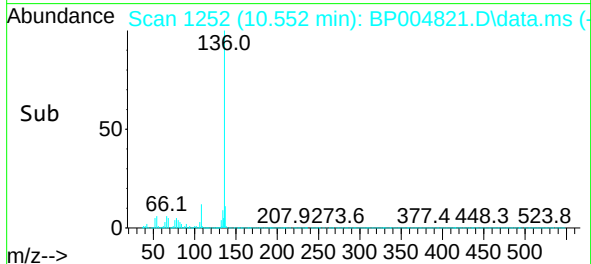
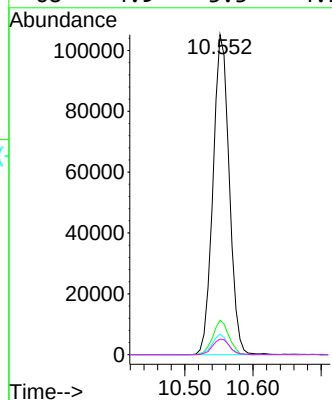
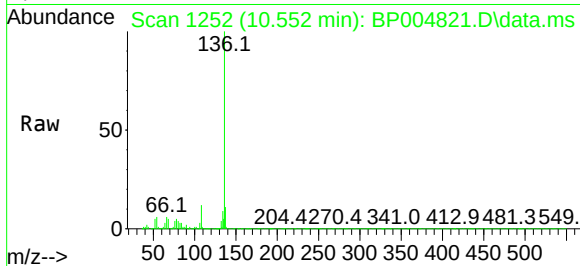




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.552 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

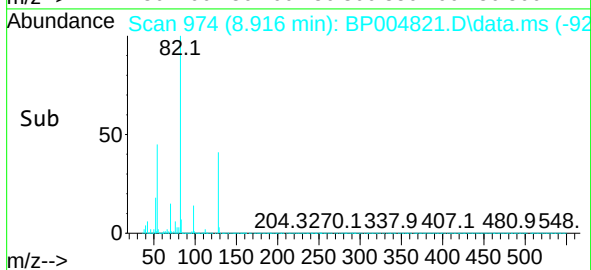
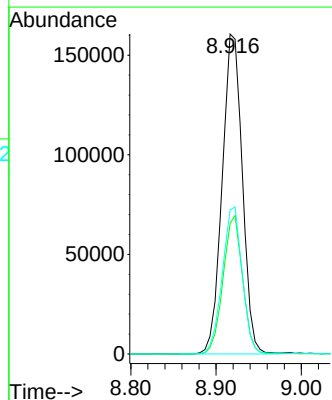
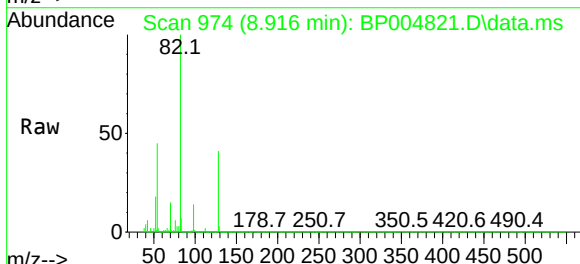
Instrument :
BNA_P
ClientSampleId :
BU-03-021621

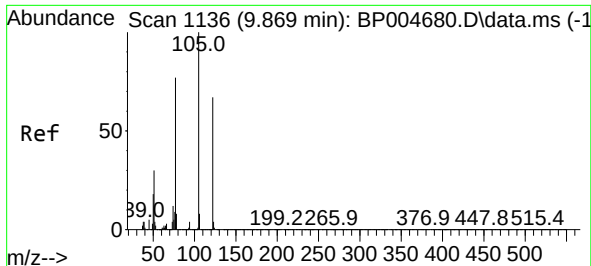
Tgt Ion:	136	Resp:	174321
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	6.4	3.6	5.4#
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 65.97 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.005 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Tgt Ion:	82	Resp:	263917
Ion Ratio	Lower	Upper	
82	100		
128	40.8	45.6	68.4#
54	45.0	30.1	45.1

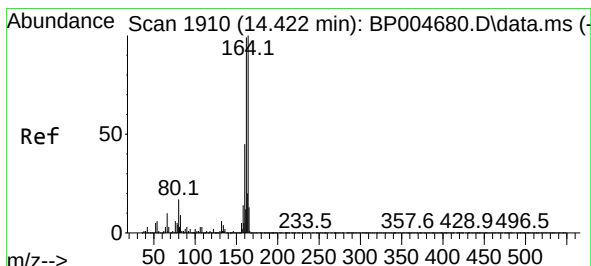
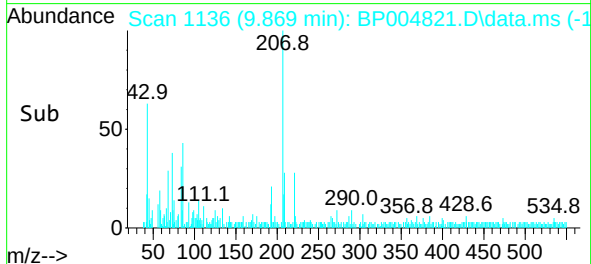
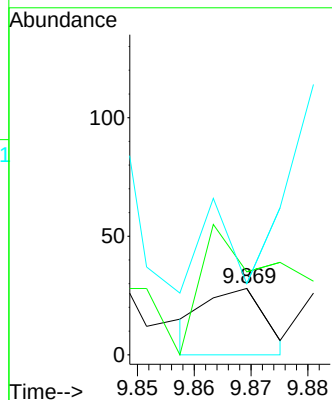
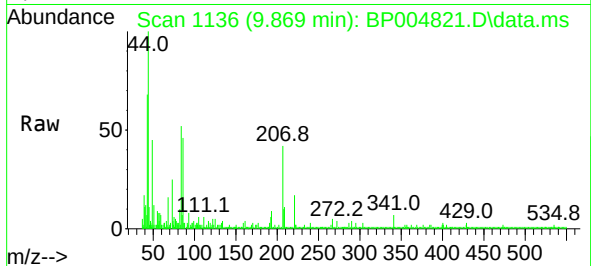




#32
Benzoic acid
Concen: 6.86 ng
RT: 9.869 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

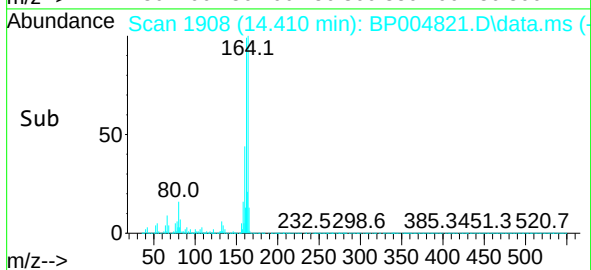
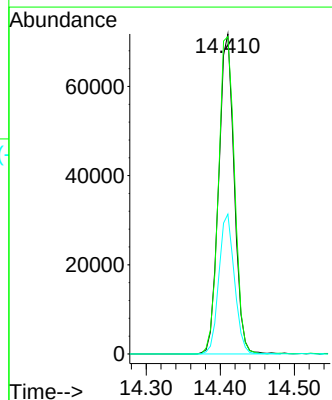
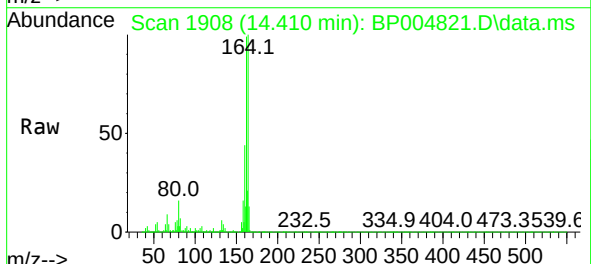
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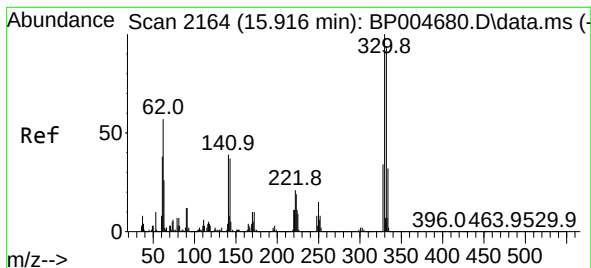
Tgt Ion:122 Resp: 20
Ion Ratio Lower Upper
122 100
105 160.7 94.1 134.1#
77 107.1 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Tgt Ion:164 Resp: 104434
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 43.7 36.1 54.1

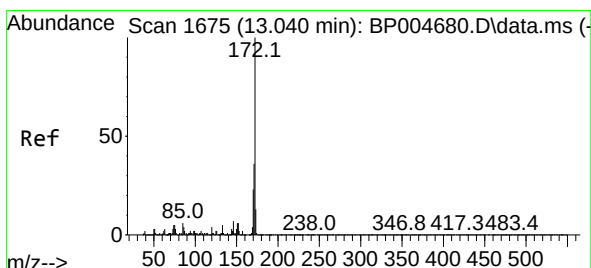
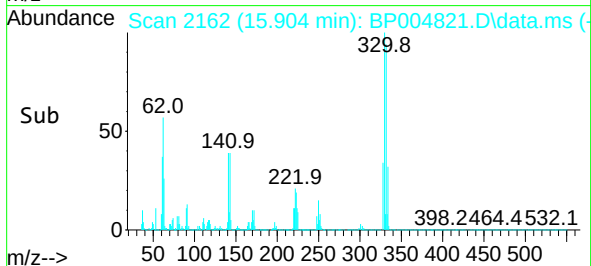
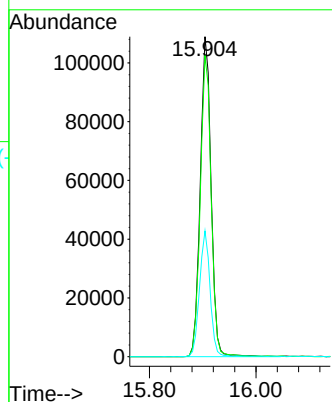
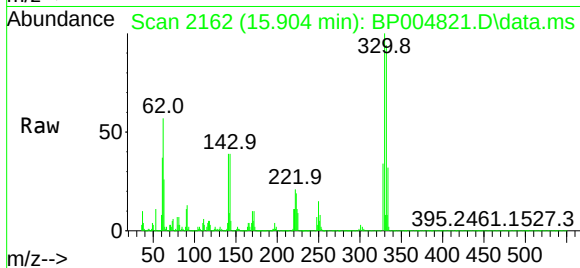




#42
2,4,6-Tribromophenol
Concen: 110.57 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

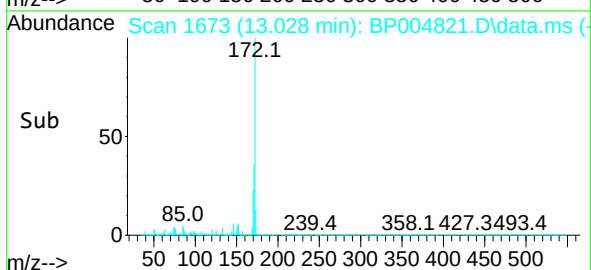
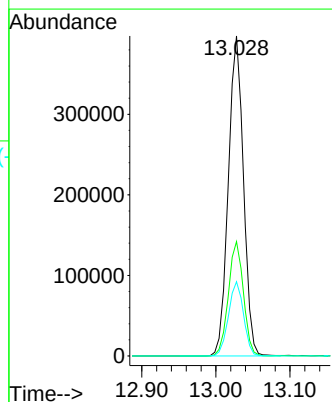
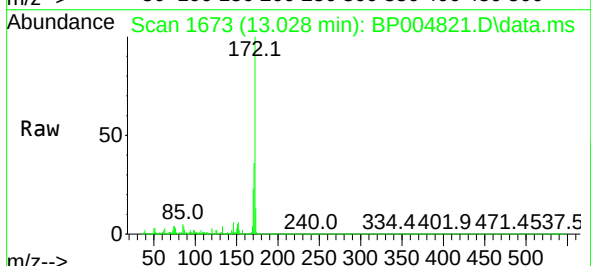
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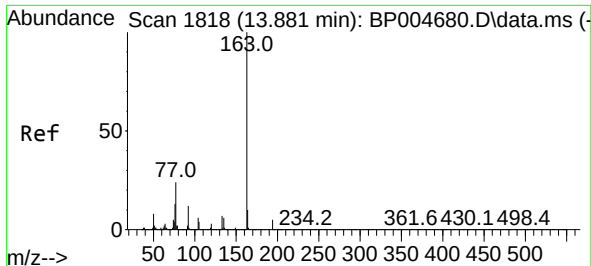
Tgt Ion:330 Resp: 153423
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 38.2 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 65.81 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Tgt Ion:172 Resp: 562312
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.2 19.2 28.8

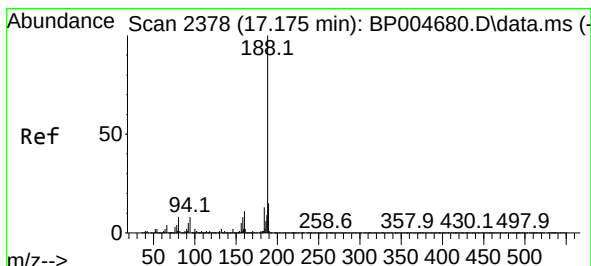
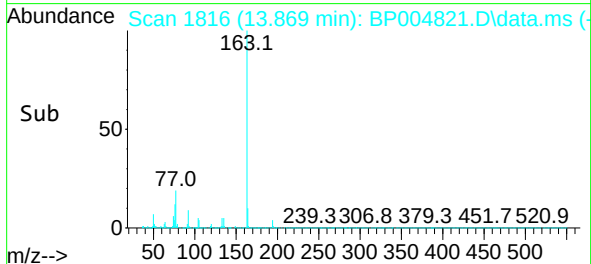
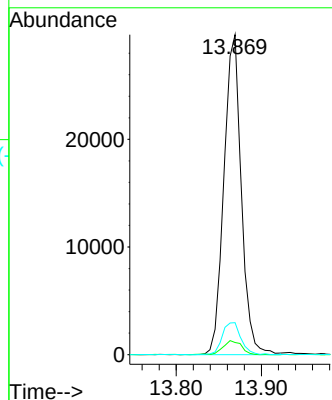
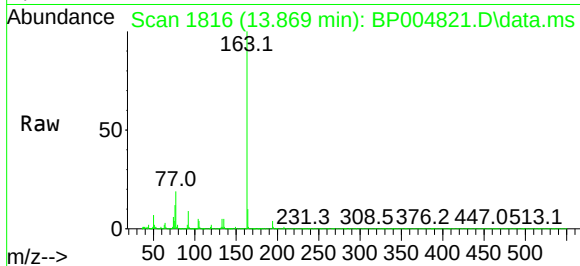




#50
Dimethylphthalate
Concen: 4.60 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.005 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

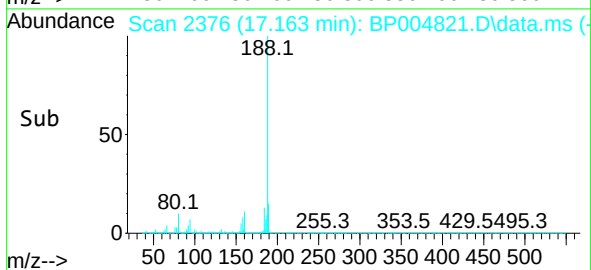
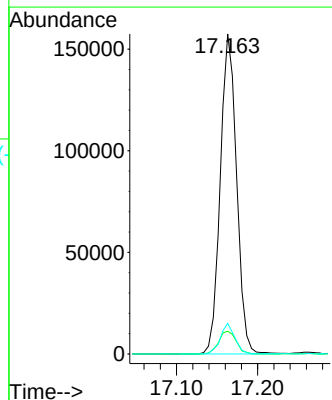
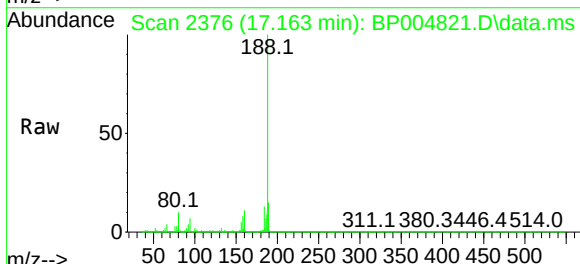
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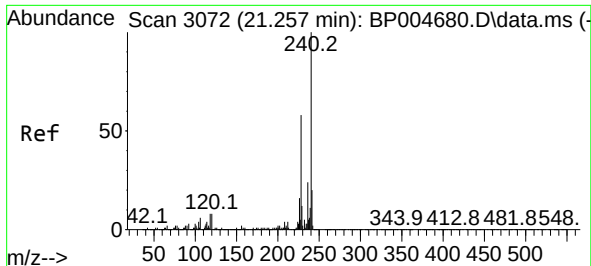
Tgt Ion:163 Resp: 42216
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Tgt Ion:188 Resp: 220501
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 9.6 6.2 9.2#

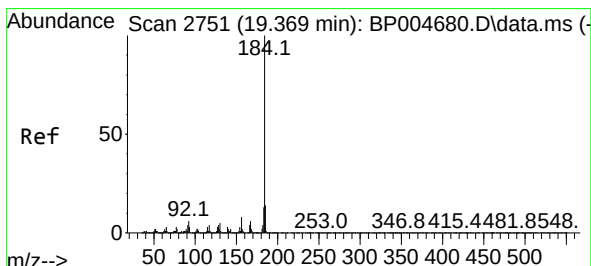
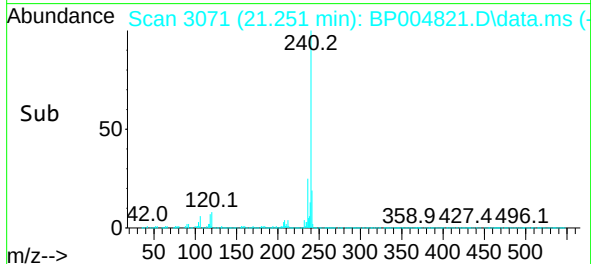
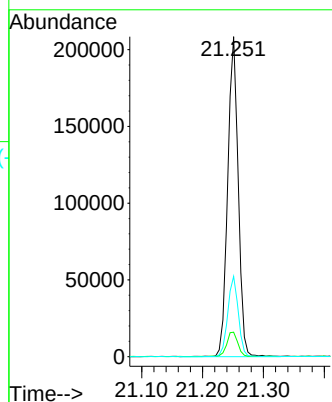
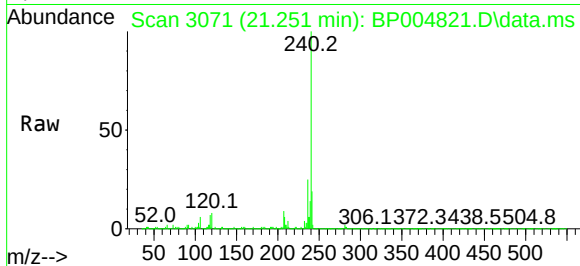




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

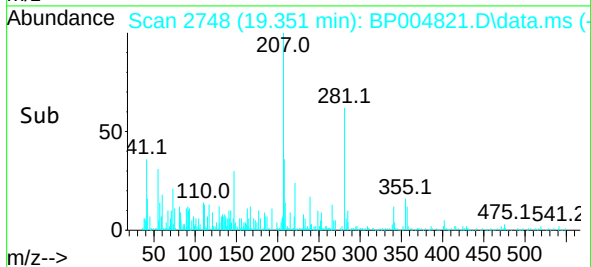
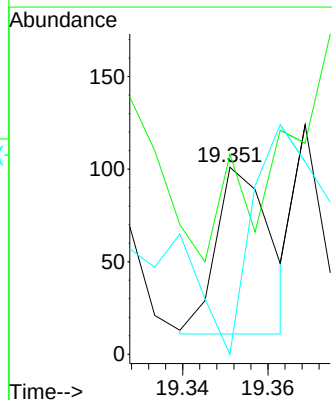
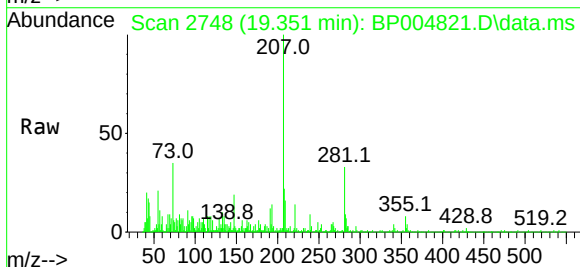
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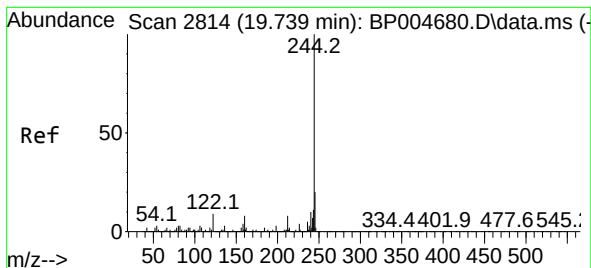
Tgt Ion:240 Resp: 250190
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.6#
236 25.1 20.8 31.2



#77
Benzidine
Concen: 2.15 ng
RT: 19.351 min Scan# 2748
Delta R.T. -0.011 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
185 106.9 11.5 17.3#
183 7.9 9.6 14.4#

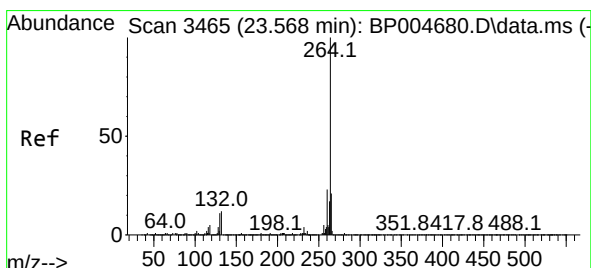
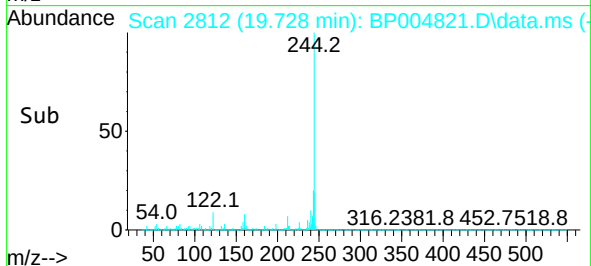
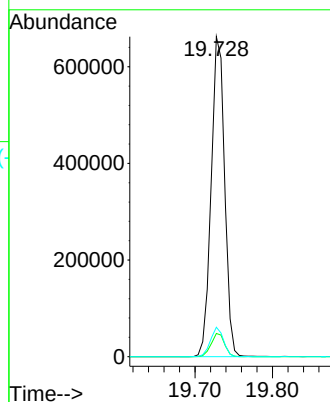
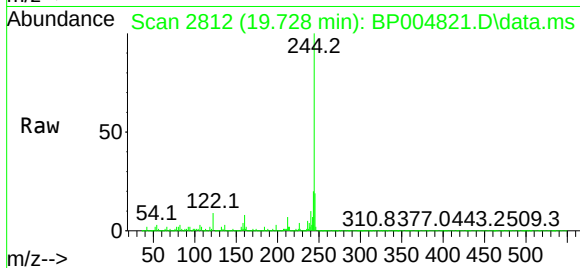




#79
Terphenyl-d14
Concen: 53.68 ng
RT: 19.728 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Instrument :
BNA_P
ClientSampleId :
BU-03-021621

Tgt Ion:244 Resp: 799546
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.2 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.557 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BP004821.D
Acq: 19 Feb 2021 14:33

Tgt Ion:264 Resp: 261808
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 22.2 17.4 26.2

