

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052021\
 Data File : BP005621.D
 Acq On : 20 May 2021 13:42
 Operator : CG/JU
 Sample : PB136538TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136538TB

Quant Time: May 20 14:36:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 20 14:18:01 2021
 Response via : Initial Calibration

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

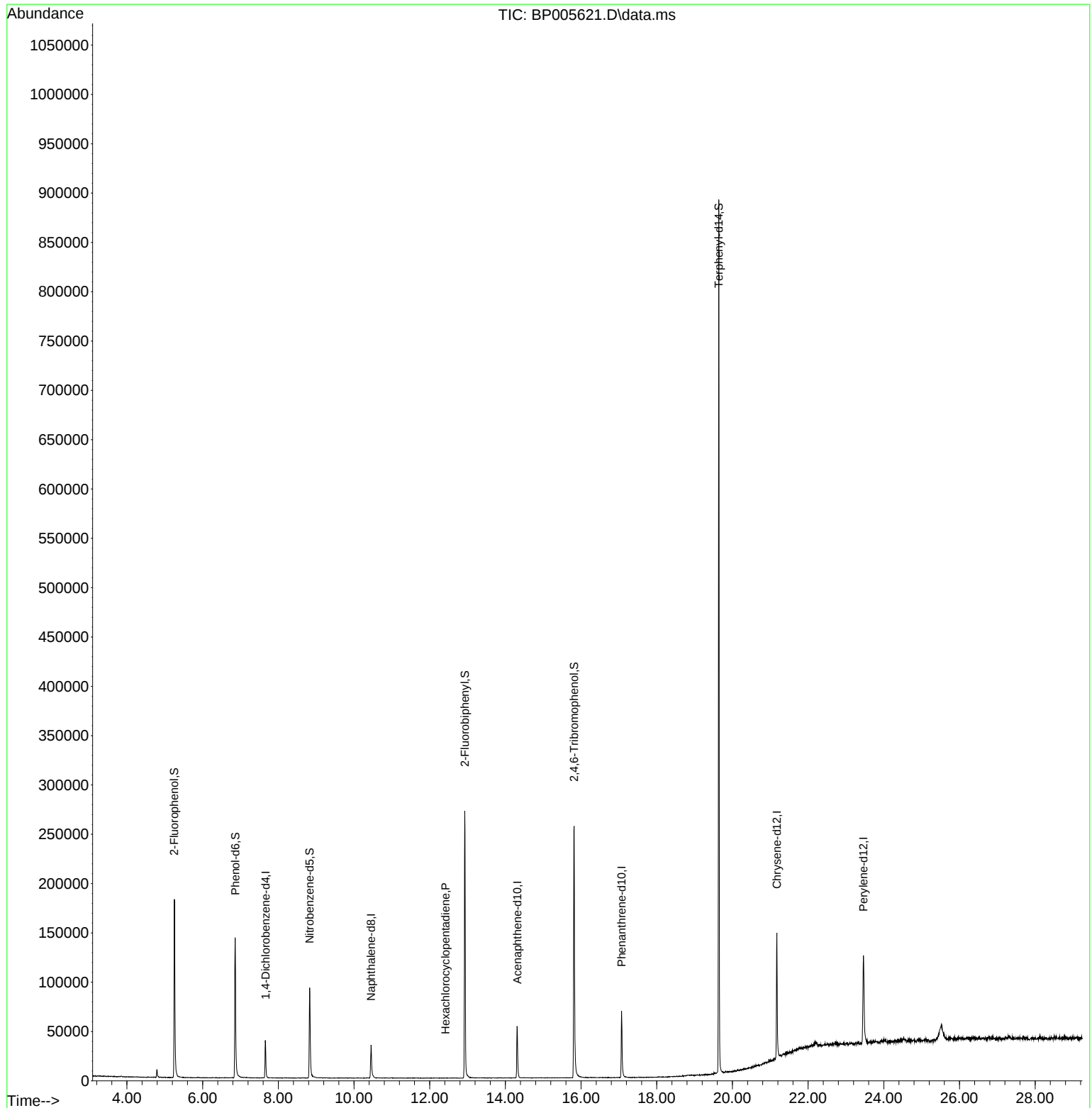
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	7732	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	22555	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	17458	20.00	ng	0.00
64) Phenanthrene-d10	17.068	188	45237	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	69019	20.00	ng	# 0.00
86) Perylene-d12	23.462	264	79403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	58052	144.09	ng	0.00
7) Phenol-d6	6.863	99	56785	113.03	ng	0.00
23) Nitrobenzene-d5	8.828	82	49794	86.89	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	55471	111.97	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	121358	78.42	ng	0.00
79) Terphenyl-d14	19.639	244	340202	83.71	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.157	88	23	Below Cal	#	1
9) Benzaldehyde	6.798	77	10	Below Cal	#	14
41) Hexachlorocyclopentadiene	12.416	237	5	7.88	ng	75

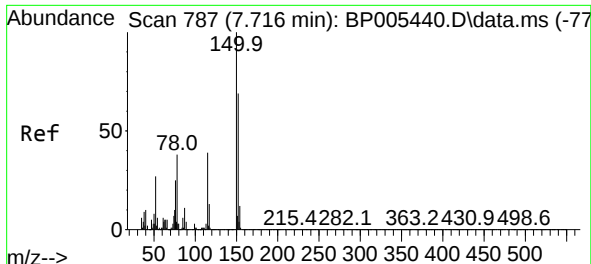
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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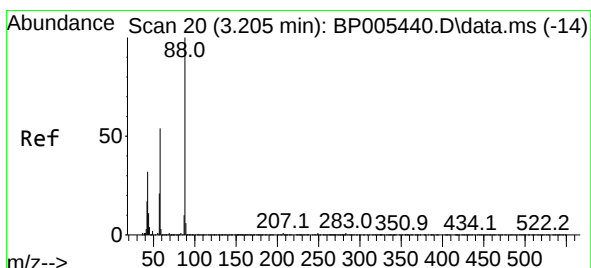
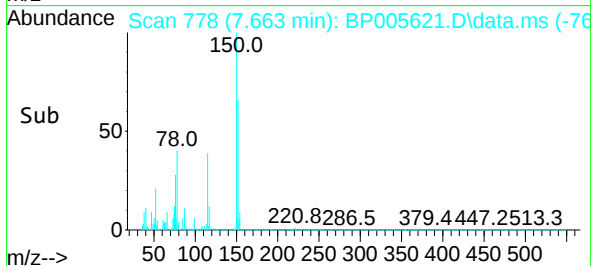
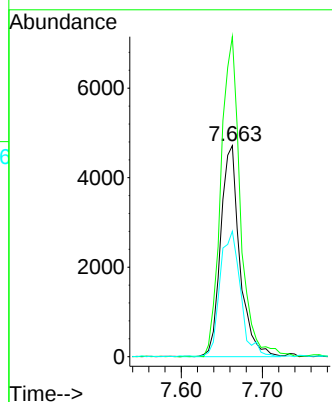
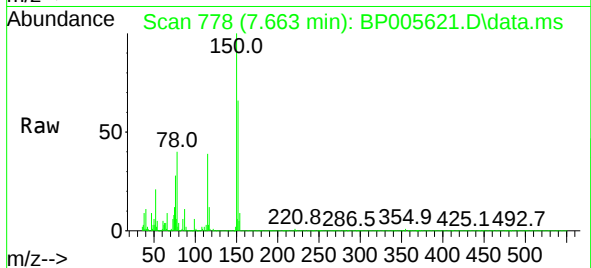




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.005 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

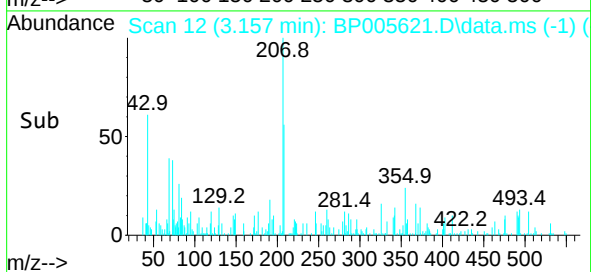
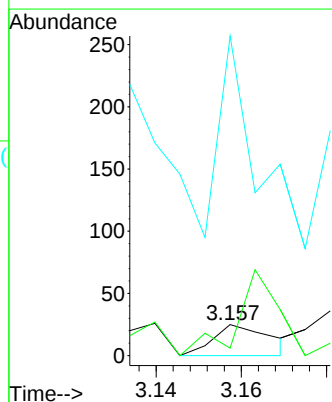
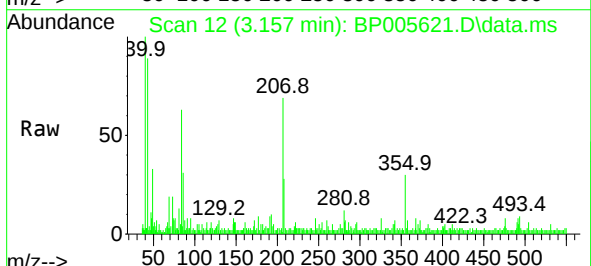
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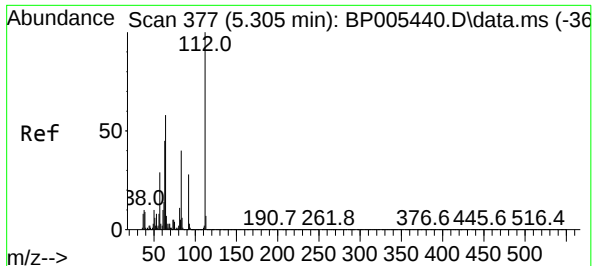
Tgt Ion:152 Resp: 7732
Ion Ratio Lower Upper
152 100
150 151.7 119.8 179.8
115 59.5 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.157 min Scan# 12
Delta R.T. 0.011 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
58 226.1 42.5 63.7#
43 434.8 19.8 29.8#

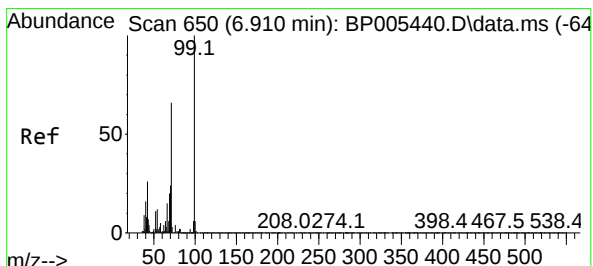
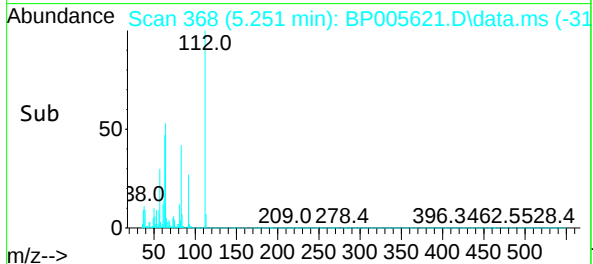
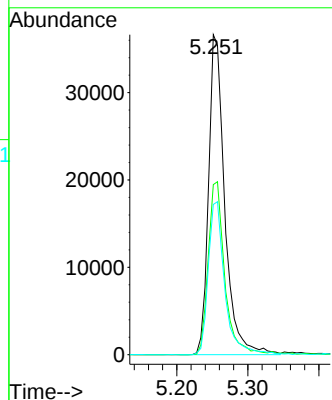
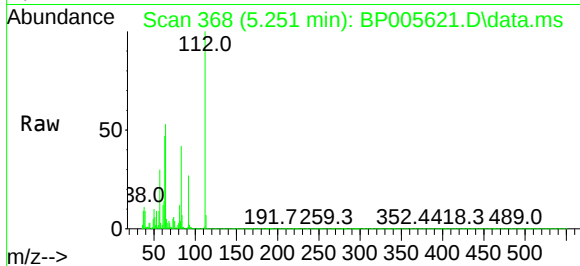




#5
2-Fluorophenol
Concen: 144.09 ng
RT: 5.251 min Scan# 368
Delta R.T. -0.000 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

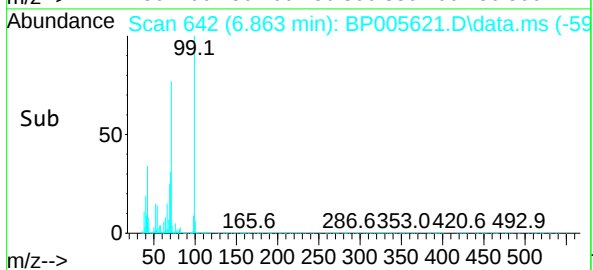
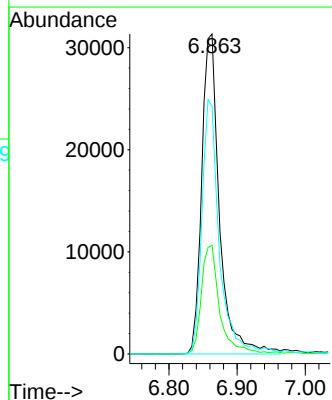
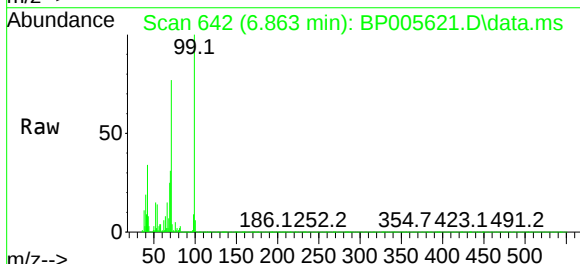
Instrument :
BNA_P
ClientSampleId :
PB136538TB

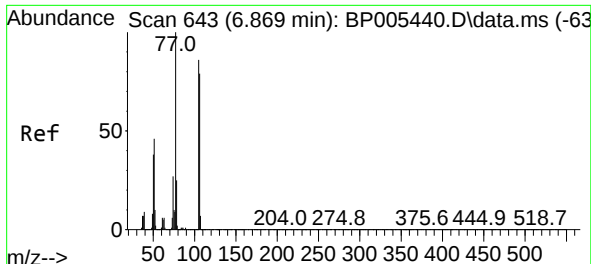
Tgt Ion:112 Resp: 58052
Ion Ratio Lower Upper
112 100
64 53.2 33.6 50.4#
63 47.0 18.6 27.8#



#7
Phenol-d6
Concen: 113.03 ng
RT: 6.863 min Scan# 642
Delta R.T. 0.005 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

Tgt Ion: 99 Resp: 56785
Ion Ratio Lower Upper
99 100
42 34.0 12.9 19.3#
71 77.5 26.7 40.1#

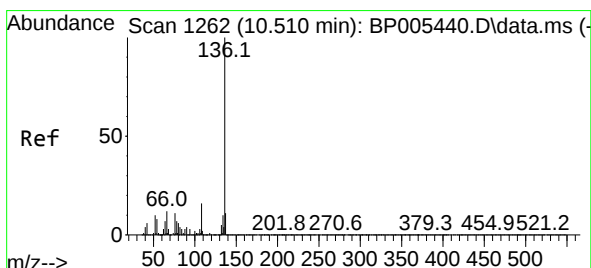
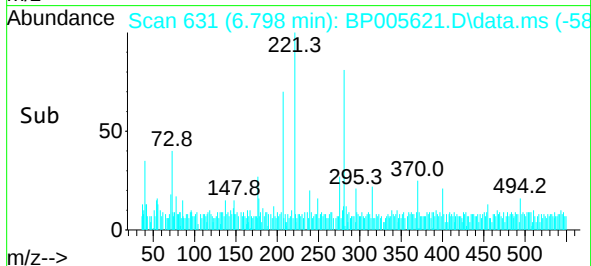
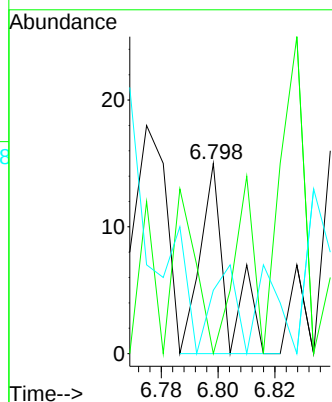
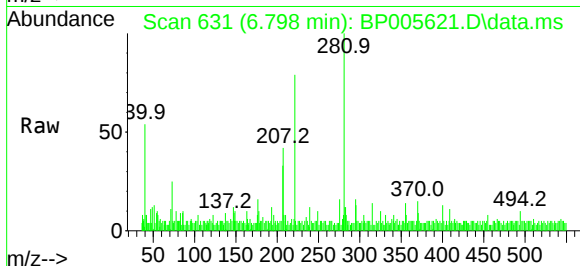




#9
Benzaldehyde
Concen: Below Cal
RT: 6.798 min Scan# 631
Delta R.T. -0.018 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

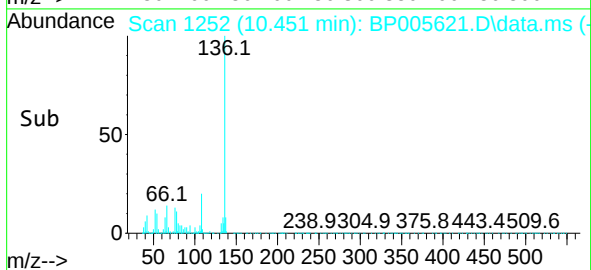
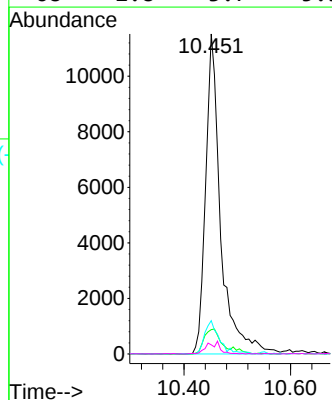
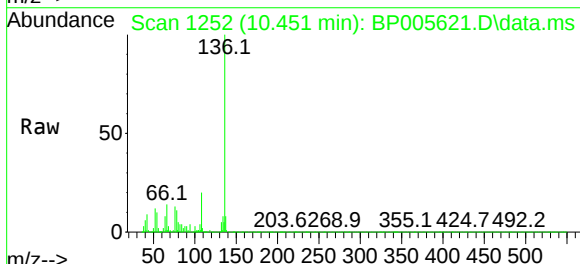
Instrument :
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ClientSampleID :
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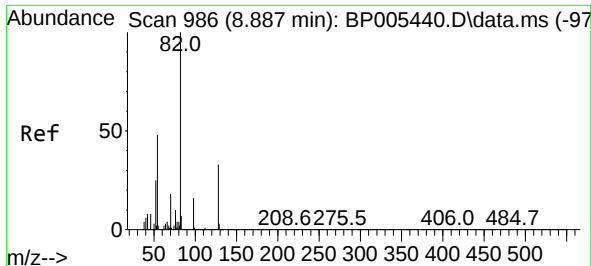
Tgt Ion: 77 Resp: 10
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 33.3 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. 0.005 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

Tgt Ion: 136 Resp: 22555
Ion Ratio Lower Upper
136 100
137 7.6 8.9 13.3#
54 10.4 5.0 7.4#
68 2.8 3.7 5.5#

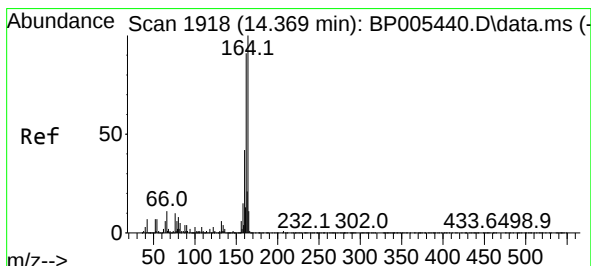
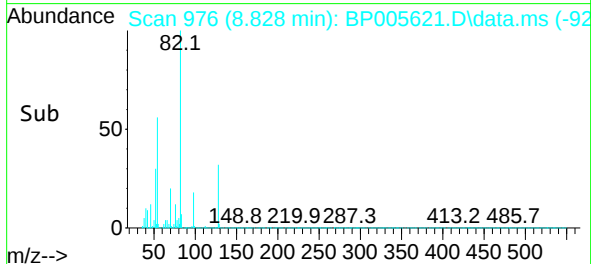
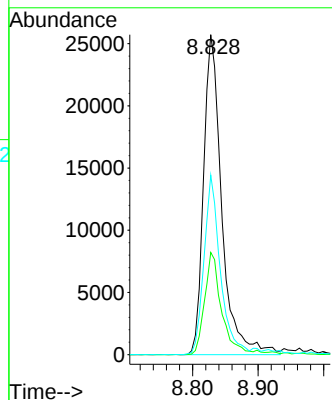
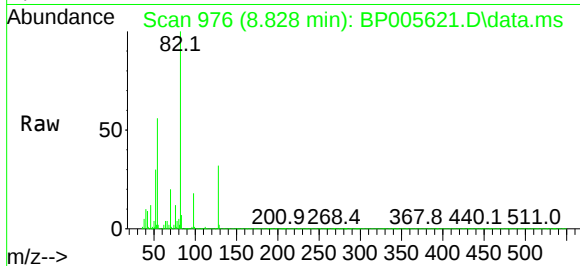




#23
Nitrobenzene-d5
Concen: 86.89 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

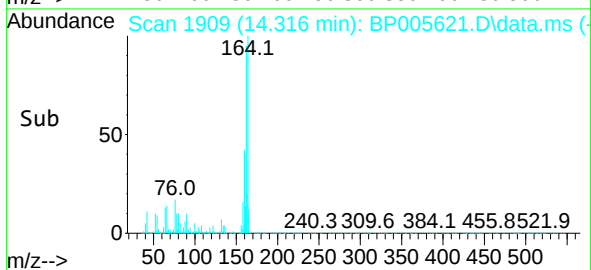
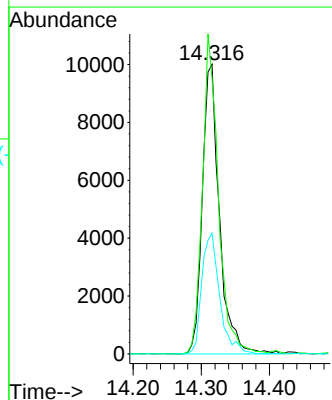
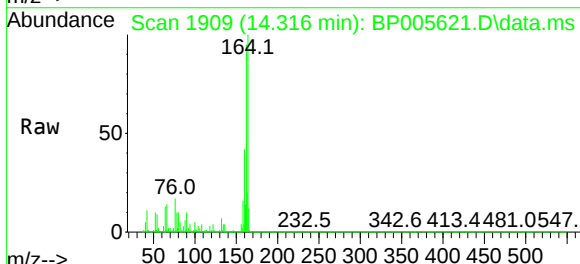
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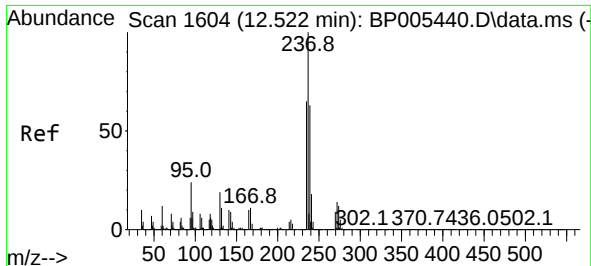
Tgt Ion: 82 Resp: 49794
Ion Ratio Lower Upper
82 100
128 31.9 30.5 45.7
54 56.1 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.005 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

Tgt Ion: 164 Resp: 17458
Ion Ratio Lower Upper
164 100
162 95.2 73.5 110.3
160 41.7 40.6 61.0

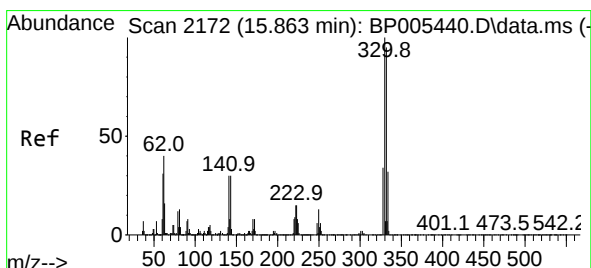
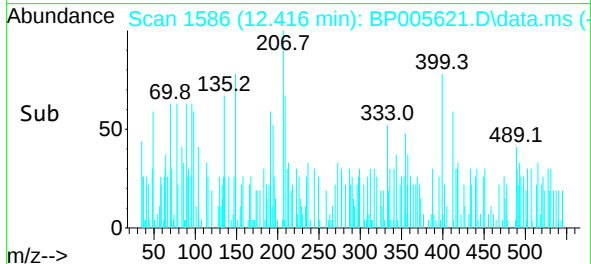
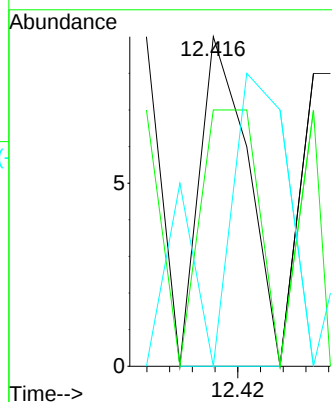
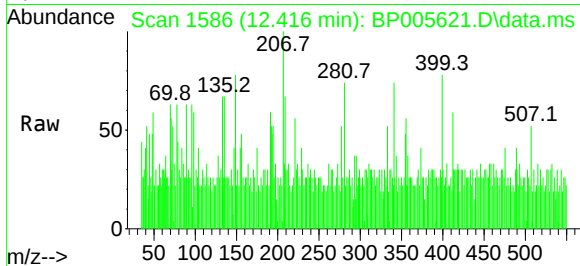




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.042 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

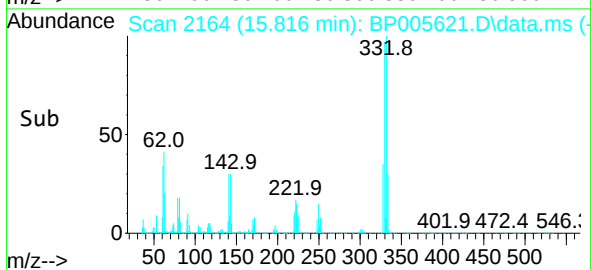
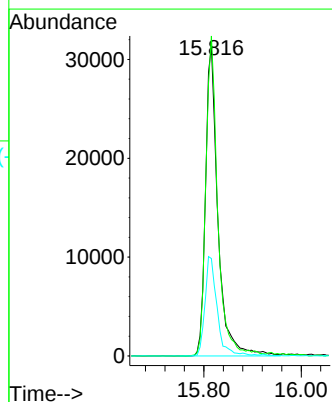
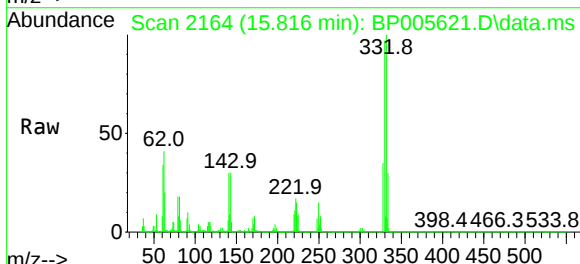
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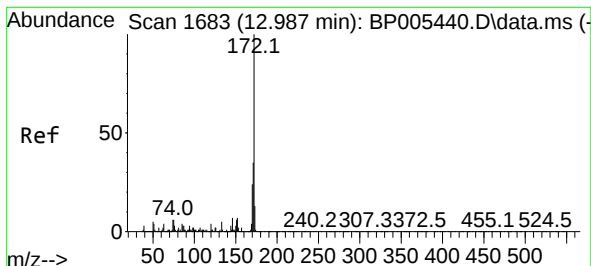
Tgt Ion:237 Resp: 5
Ion Ratio Lower Upper
237 100
235 77.8 40.9 80.9
272 0.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 111.97 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.005 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

Tgt Ion:330 Resp: 55471
Ion Ratio Lower Upper
330 100
332 99.3 76.3 114.5
141 31.3 22.8 34.2

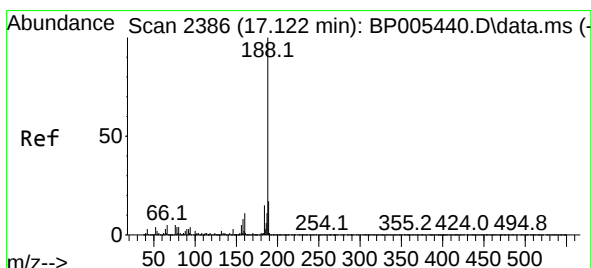
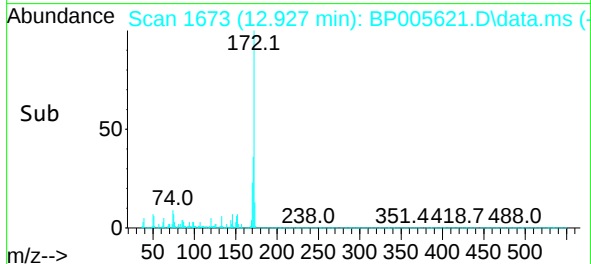
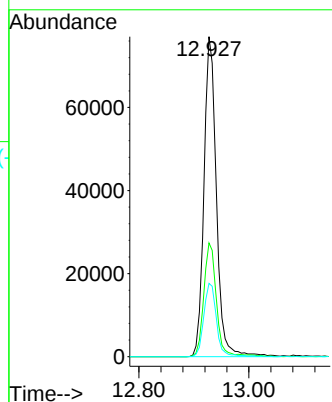
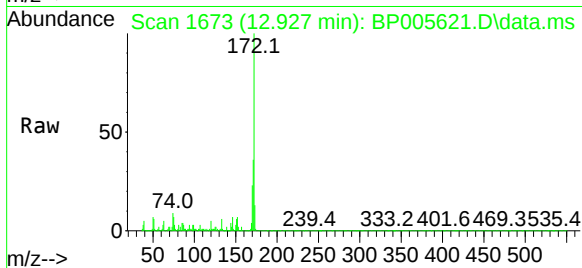




#45
2-Fluorobiphenyl
Concen: 78.42 ng
RT: 12.927 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

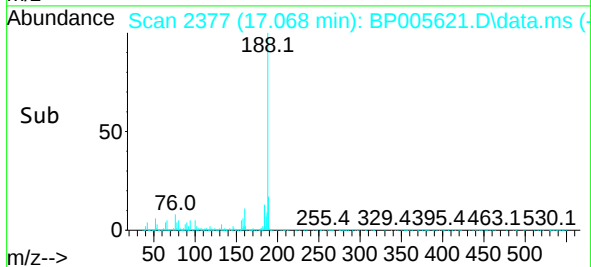
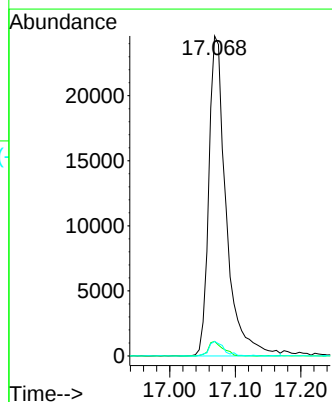
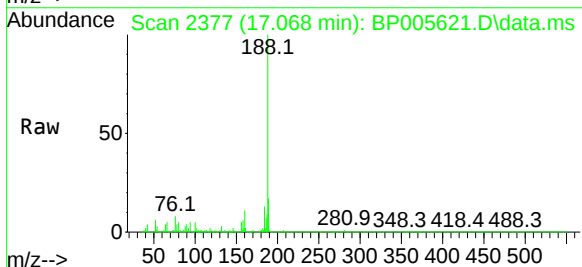
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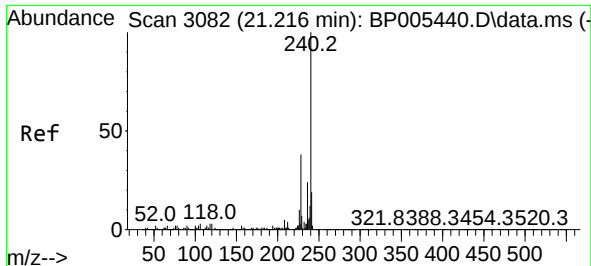
Tgt Ion:172 Resp: 121358
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 22.9 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.068 min Scan# 2377
Delta R.T. 0.005 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

Tgt Ion:188 Resp: 45237
Ion Ratio Lower Upper
188 100
94 4.6 5.0 7.6#
80 4.6 5.9 8.9#

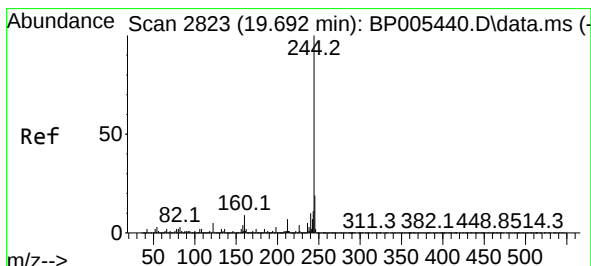
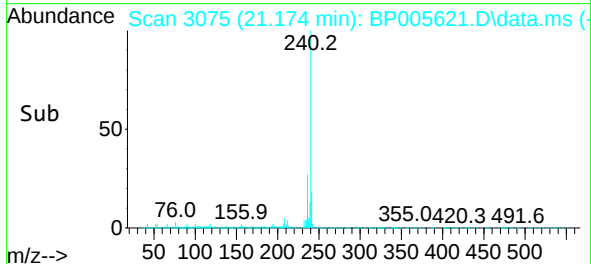
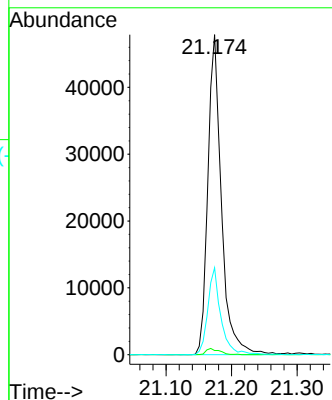
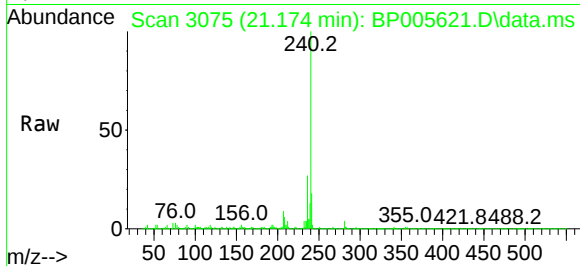




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. 0.005 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

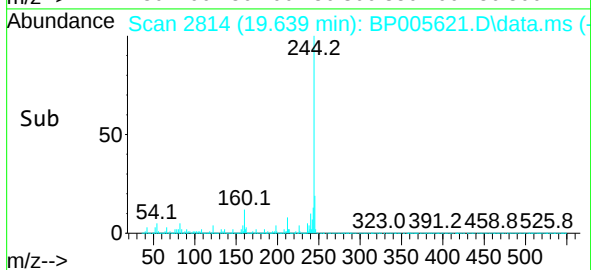
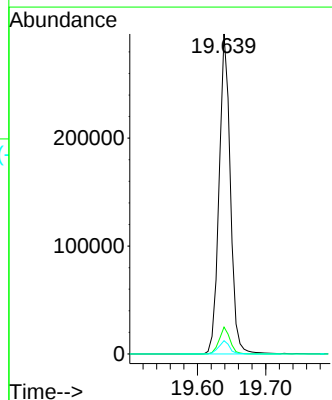
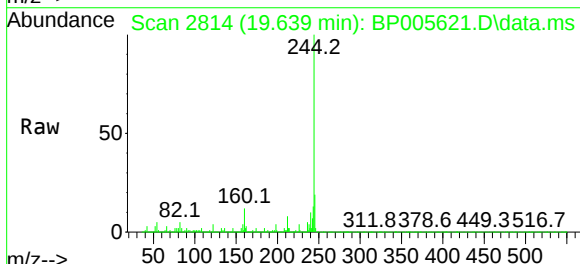
Instrument :
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PB136538TB

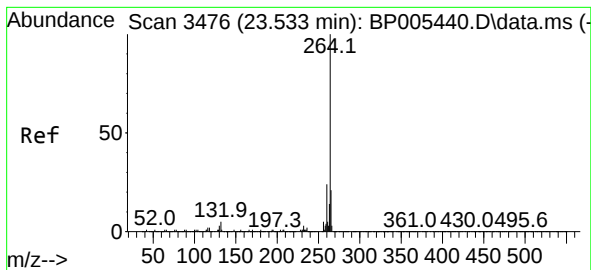
Tgt Ion:240 Resp: 69019
Ion Ratio Lower Upper
240 100
120 1.3 4.2 6.2#
236 27.1 20.2 30.2



#79
Terphenyl-d14
Concen: 83.71 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

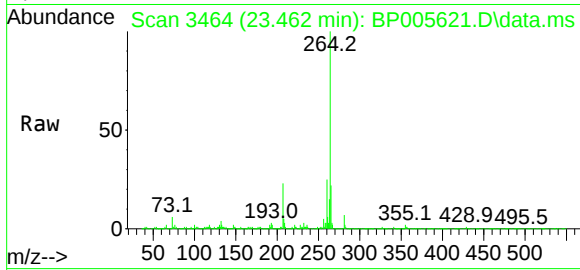
Tgt Ion:244 Resp: 340202
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.6
122 4.2 5.2 7.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.462 min Scan# 3464
Delta R.T. 0.005 min
Lab File: BP005621.D
Acq: 20 May 2021 13:42

Instrument :
BNA_P
ClientSampleId :
PB136538TB



Tgt Ion:	264	Resp:	79403
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.6	30.8
265	21.7	19.0	28.6

