

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
 Data File : BP005599.D
 Acq On : 18 May 2021 14:28
 Operator : CG/JU
 Sample : M2435-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VAN-REIPEN-B

Quant Time: May 18 15:48:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

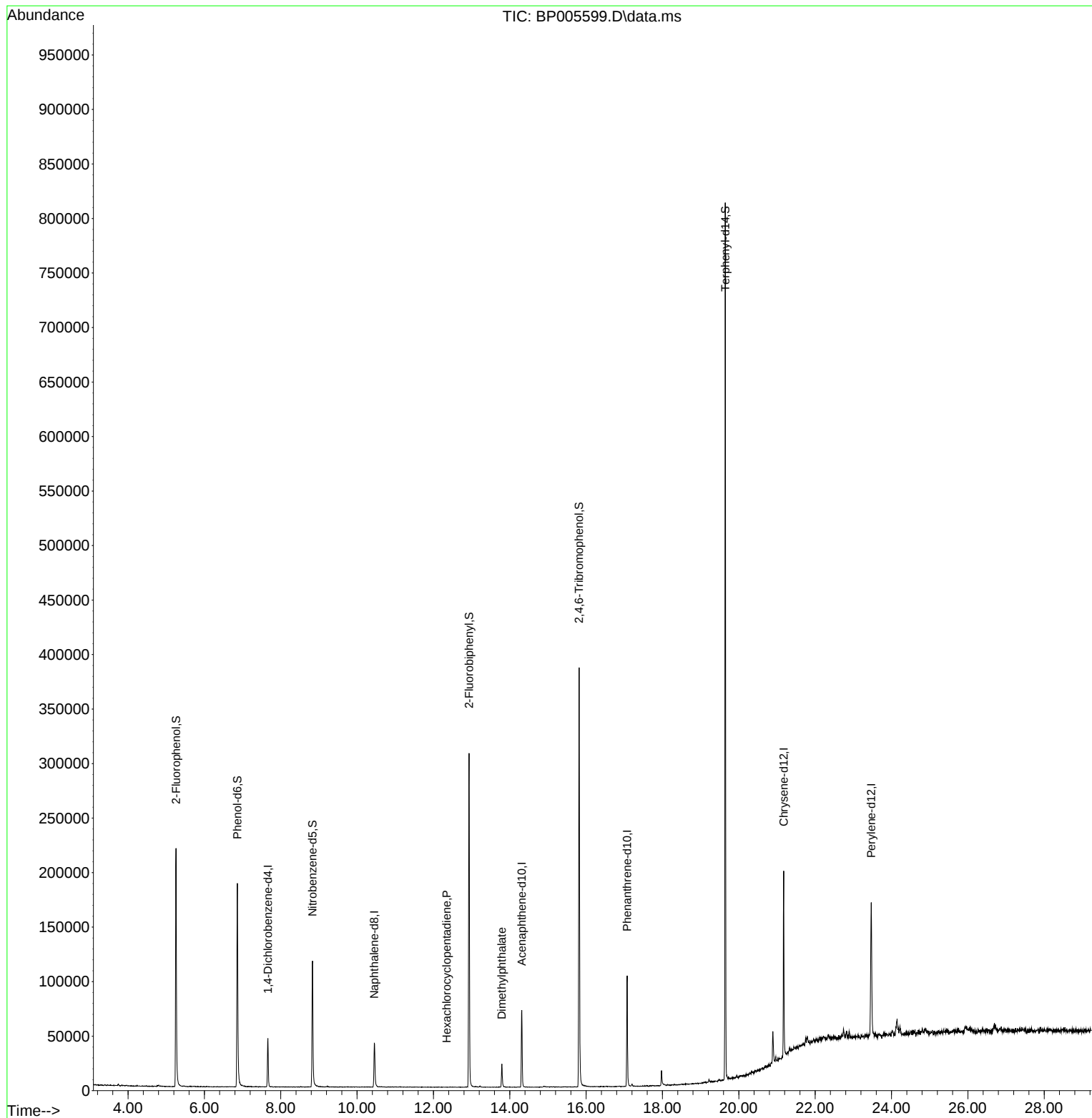
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	9450	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	28308	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	22214	20.00	ng	# 0.00
64) Phenanthrene-d10	17.075	188	57819	20.00	ng	# 0.00
76) Chrysene-d12	21.175	240	80660	20.00	ng	# 0.00
86) Perylene-d12	23.469	264	94645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	68210	138.52	ng	0.00
7) Phenol-d6	6.864	99	76111	123.96	ng	0.00
23) Nitrobenzene-d5	8.834	82	64004	88.99	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	75002	118.98	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	138648	70.41	ng	0.00
79) Terphenyl-d14	19.645	244	314165	66.15	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.146	88	17	Below Cal	#	1
9) Benzaldehyde	6.787	77	25	Below Cal	#	30
41) Hexachlorocyclopentadiene	12.352	237	13	7.90	ng	78
50) Dimethylphthalate	13.793	163	13781	7.19	ng	98

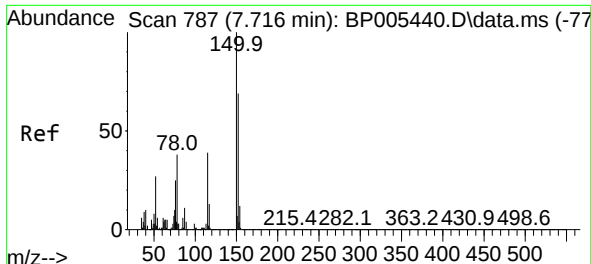
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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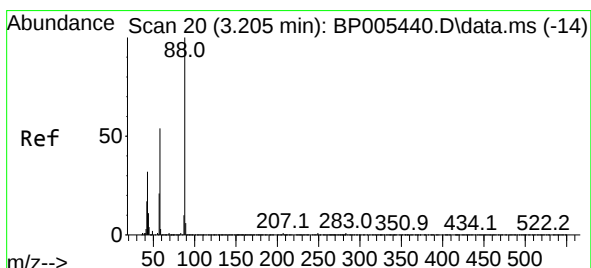
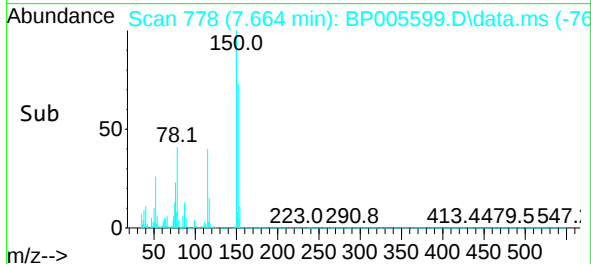
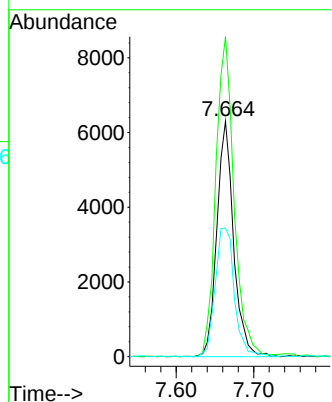
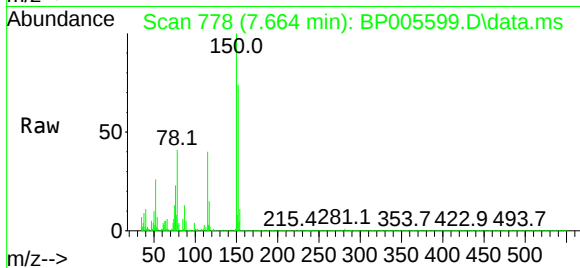




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.664 min Scan# 778
 Delta R.T. 0.001 min
 Lab File: BP005599.D
 Acq: 18 May 2021 14:28

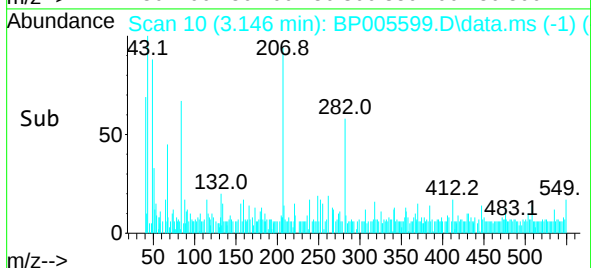
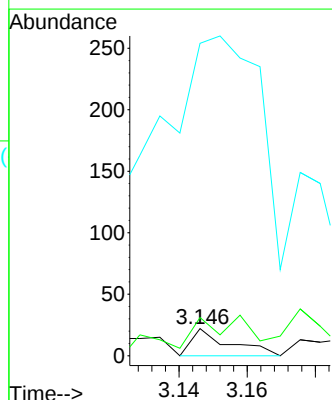
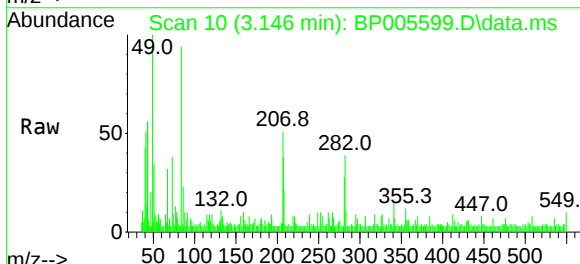
Instrument :
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 ClientSampleId :
 VAN-REIPEN-B

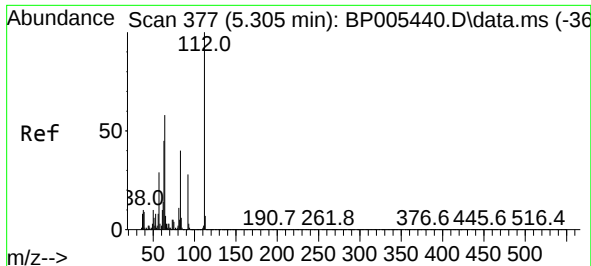
Tgt Ion:152 Resp: 9450
 Ion Ratio Lower Upper
 152 100
 150 135.9 119.8 179.8
 115 54.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.146 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BP005599.D
 Acq: 18 May 2021 14:28

Tgt Ion: 88 Resp: 17
 Ion Ratio Lower Upper
 88 100
 58 82.4 42.5 63.7#
 43 2223.5 19.8 29.8#

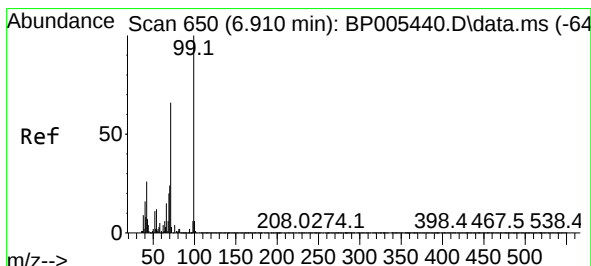
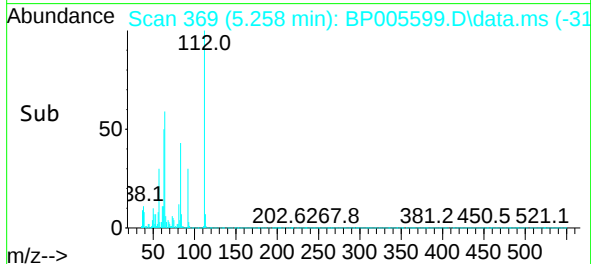
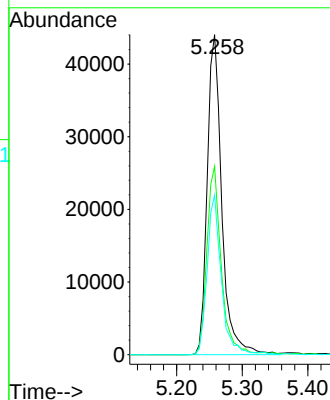
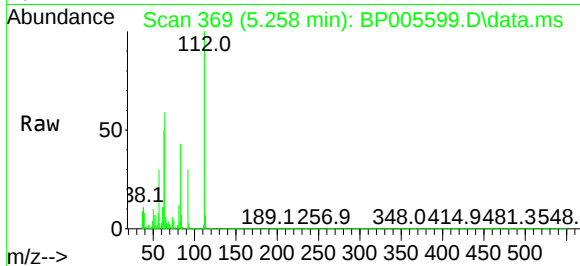




#5
2-Fluorophenol
Concen: 138.52 ng
RT: 5.258 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

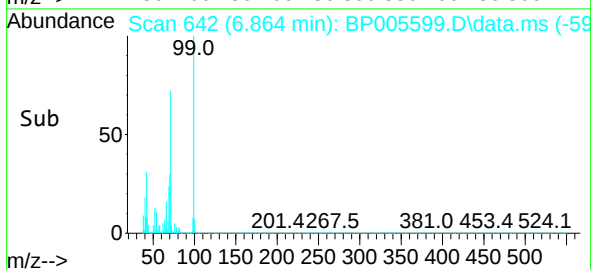
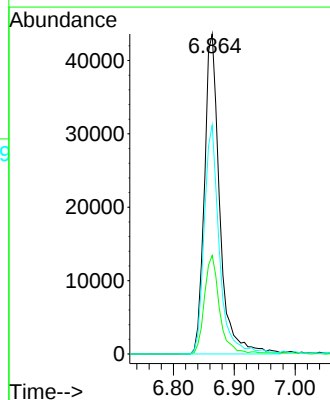
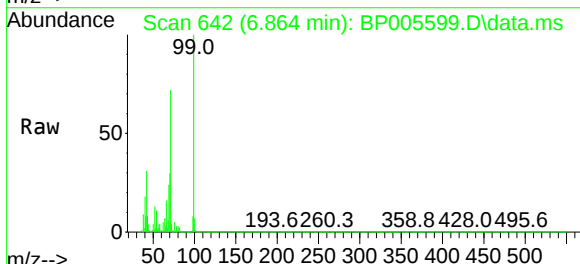
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-B

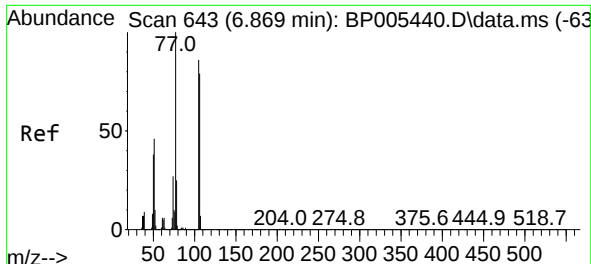
Tgt Ion:112 Resp: 68210
Ion Ratio Lower Upper
112 100
64 58.8 33.6 50.4#
63 49.9 18.6 27.8#



#7
Phenol-d6
Concen: 123.96 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Tgt Ion: 99 Resp: 76111
Ion Ratio Lower Upper
99 100
42 30.8 12.9 19.3#
71 71.6 26.7 40.1#

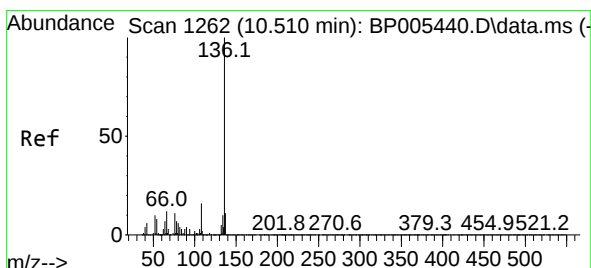
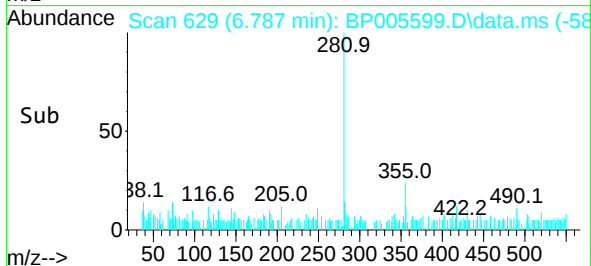
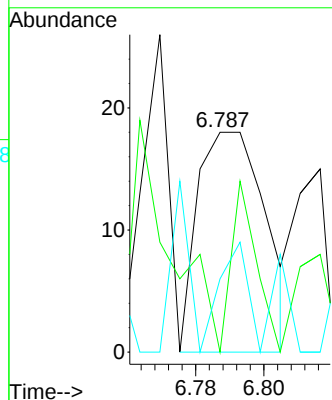
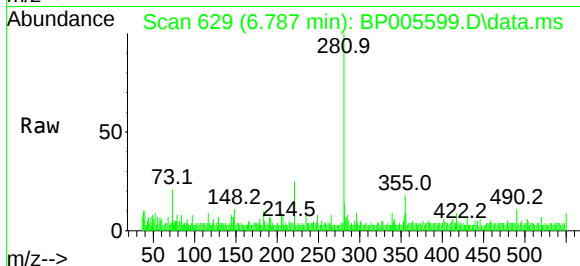




#9
Benzaldehyde
Concen: Below Cal
RT: 6.787 min Scan# 629
Delta R.T. -0.029 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

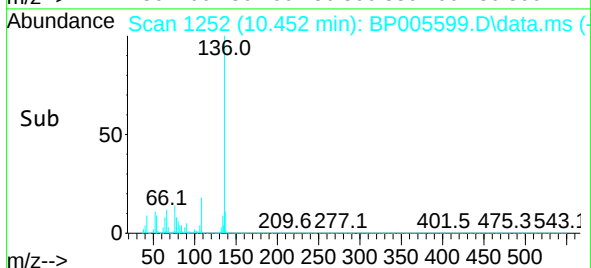
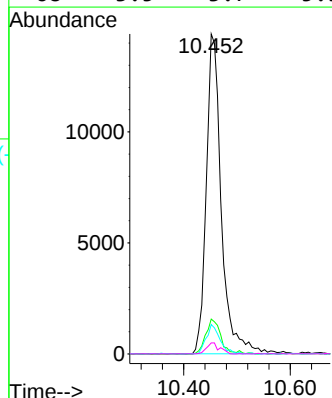
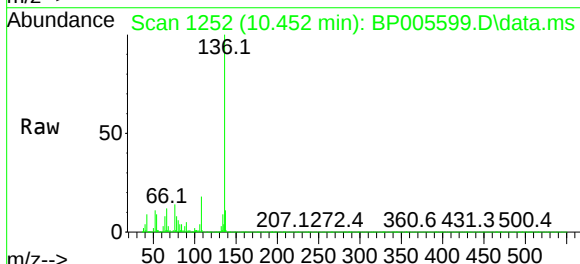
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-B

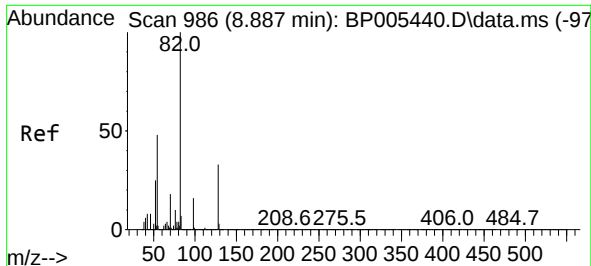
Tgt Ion: 77 Resp: 25
Ion Ratio Lower Upper
77 100
105 33.3 89.4 129.4#
106 33.3 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Tgt Ion:136 Resp: 28308
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.2 5.0 7.4#
68 3.5 3.7 5.5#

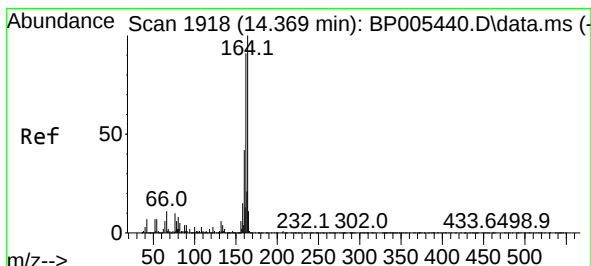
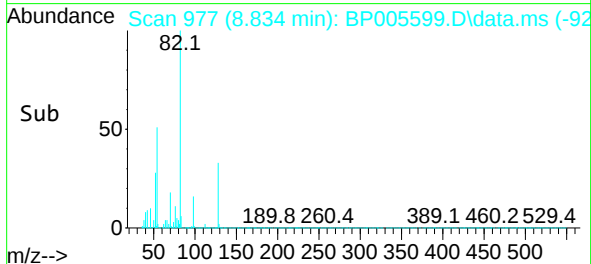
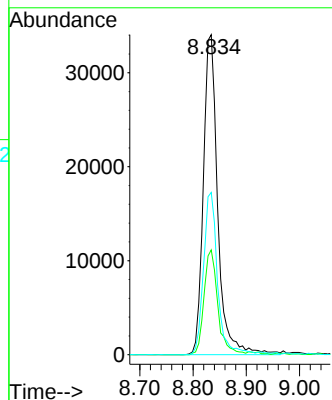
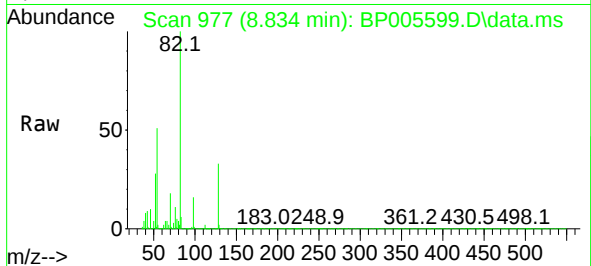




#23
Nitrobenzene-d5
Concen: 88.99 ng
RT: 8.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

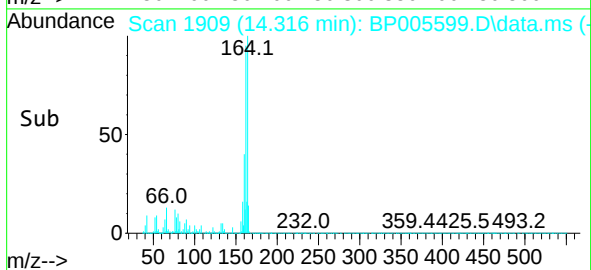
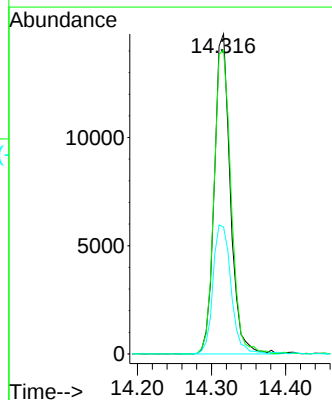
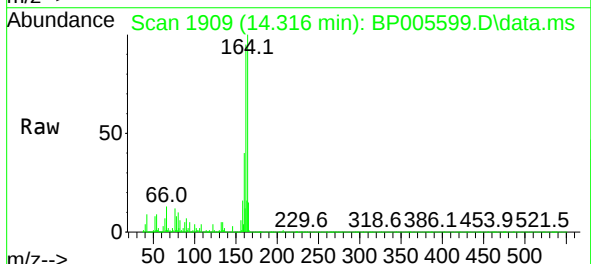
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ClientSampleId :
VAN-REIPEN-B

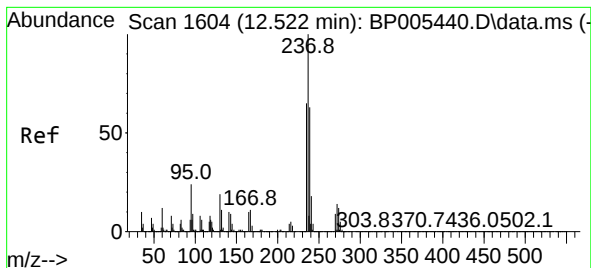
Tgt Ion: 82 Resp: 64004
Ion Ratio Lower Upper
82 100
128 32.7 30.5 45.7
54 50.7 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Tgt Ion: 164 Resp: 22214
Ion Ratio Lower Upper
164 100
162 95.0 73.5 110.3
160 39.6 40.6 61.0#



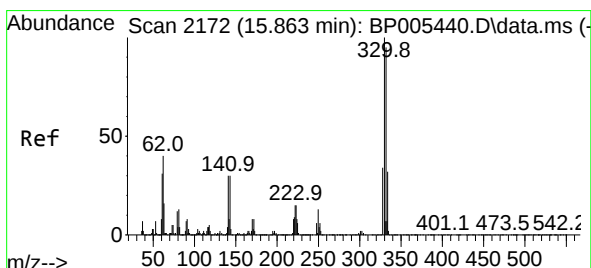
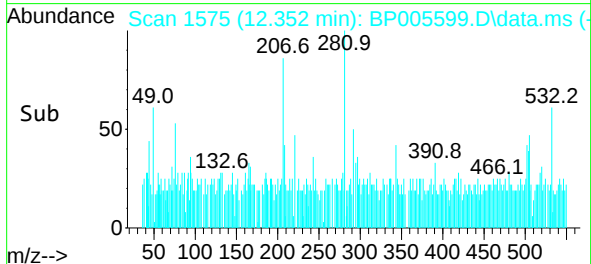
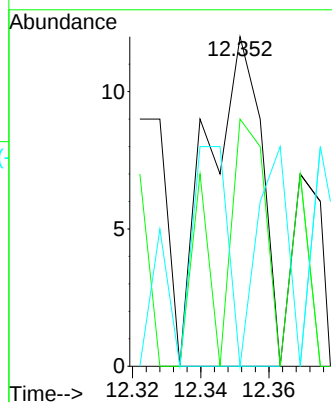
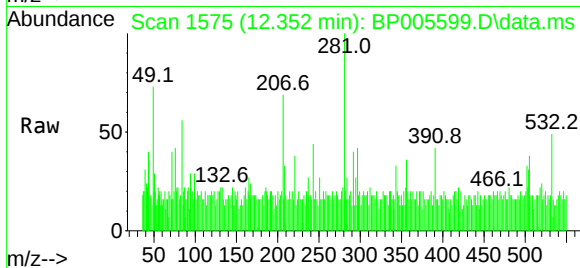


#41

Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.352 min Scan# 1575
Delta R.T. -0.112 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Instrument :
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ClientSampleId :
VAN-REIPEN-B

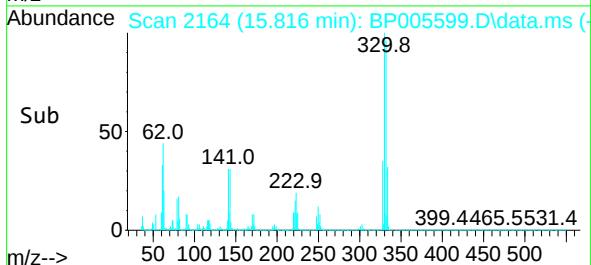
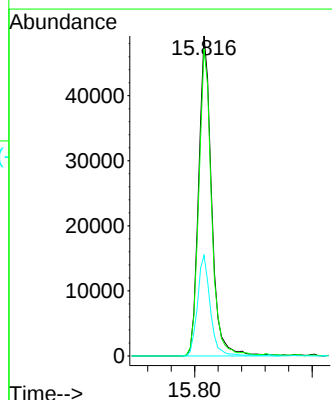
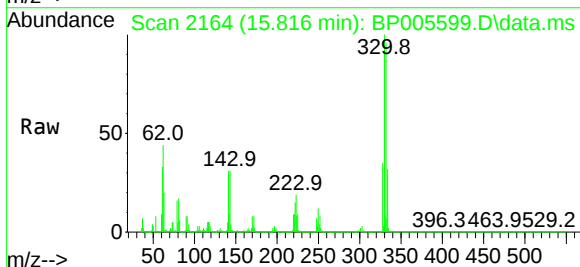
Tgt Ion:237	Resp:	13
Ion Ratio	Lower	Upper
237	100	
235	75.0	40.9 80.9
272	0.0	0.0 34.6

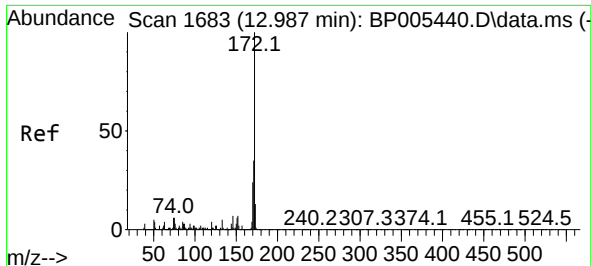


#42

2,4,6-Tribromophenol
Concen: 118.98 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Tgt Ion:330	Resp:	75002
Ion Ratio	Lower	Upper
330	100	
332	94.3	76.3 114.5
141	31.0	22.8 34.2

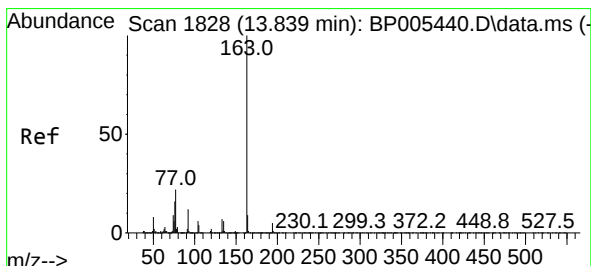
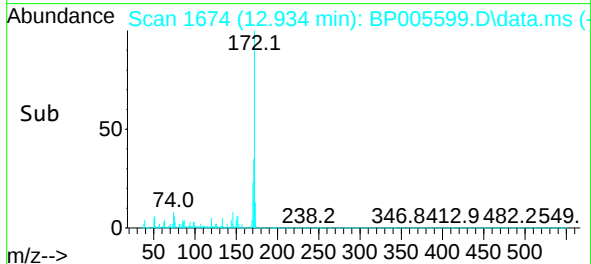
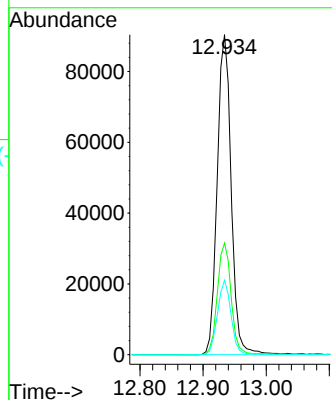
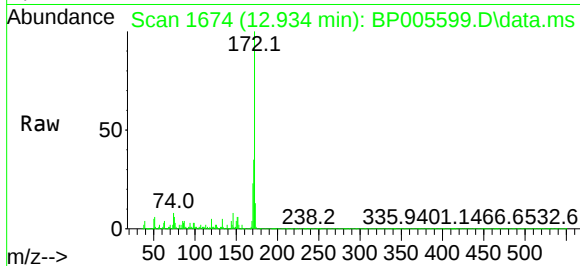




#45
2-Fluorobiphenyl
Concen: 70.41 ng
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

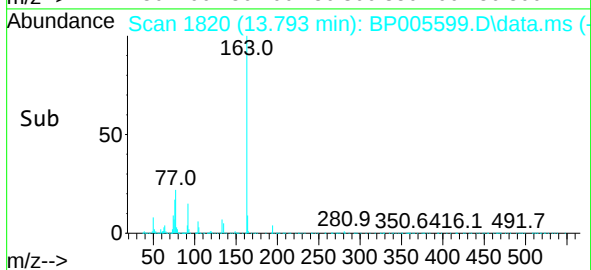
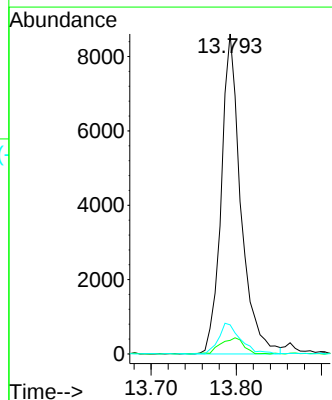
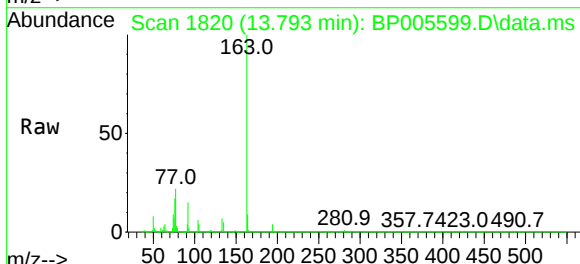
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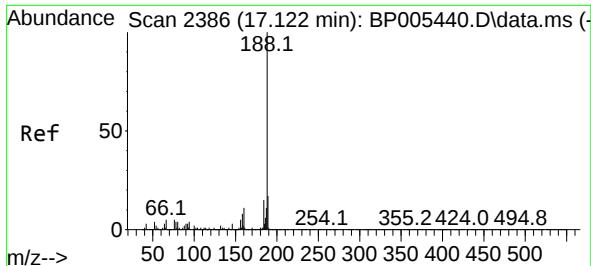
Tgt Ion:172 Resp: 138648
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 19.6 29.4



#50
Dimethylphthalate
Concen: 7.19 ng
RT: 13.793 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Tgt Ion:163 Resp: 13781
Ion Ratio Lower Upper
163 100
194 4.2 3.9 5.9
164 9.1 8.1 12.1

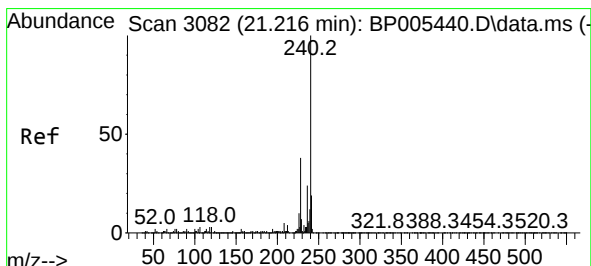
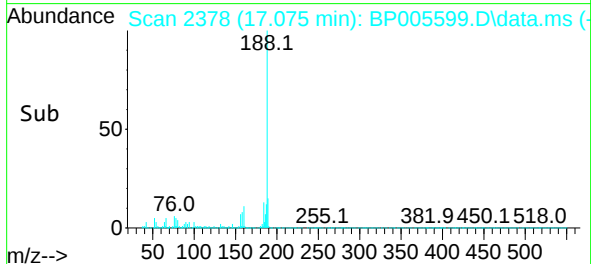
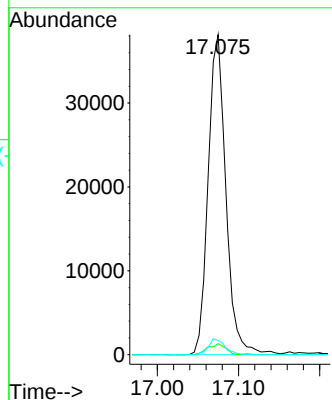
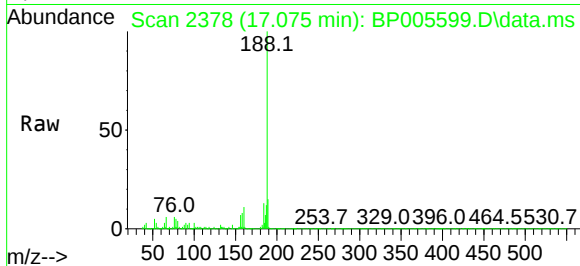




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

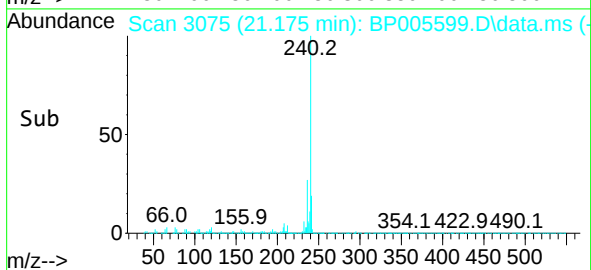
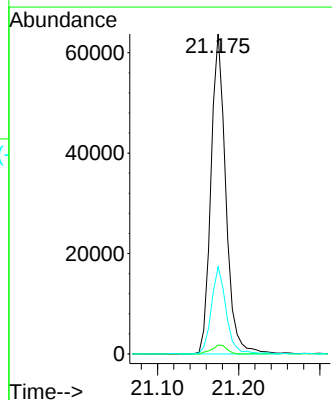
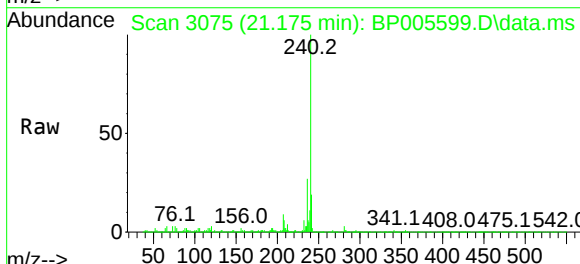
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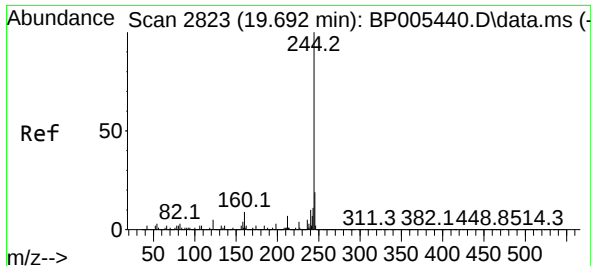
Tgt Ion:188 Resp: 57819
Ion Ratio Lower Upper
188 100
94 3.4 5.0 7.6#
80 4.5 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Tgt Ion:240 Resp: 80660
Ion Ratio Lower Upper
240 100
120 2.8 4.2 6.2#
236 27.2 20.2 30.2

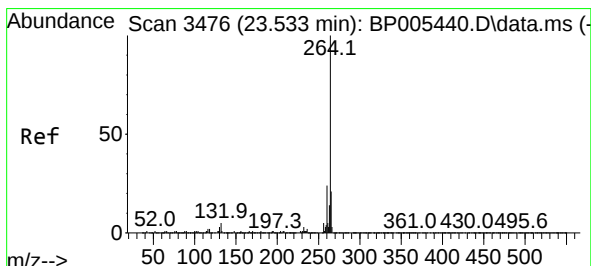
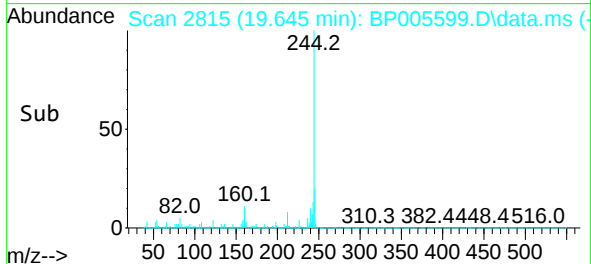
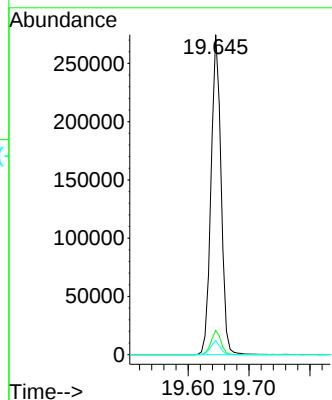
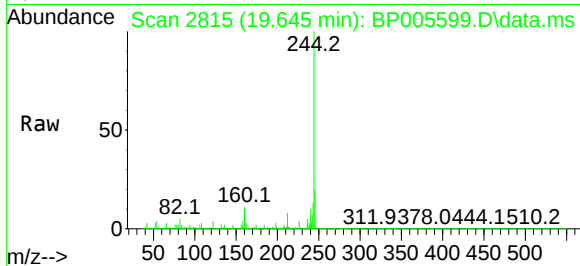




#79
Terphenyl-d14
Concen: 66.15 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-B

Tgt Ion:244 Resp: 314165
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 4.4 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.469 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP005599.D
Acq: 18 May 2021 14:28

Tgt Ion:264 Resp: 94645
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 21.6 19.0 28.6

