

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
 Data File : BP005589.D
 Acq On : 17 May 2021 19:56
 Operator : CG/JU
 Sample : M2420-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PLAYGROUND-CP-1

Quant Time: May 18 00:54:22 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)

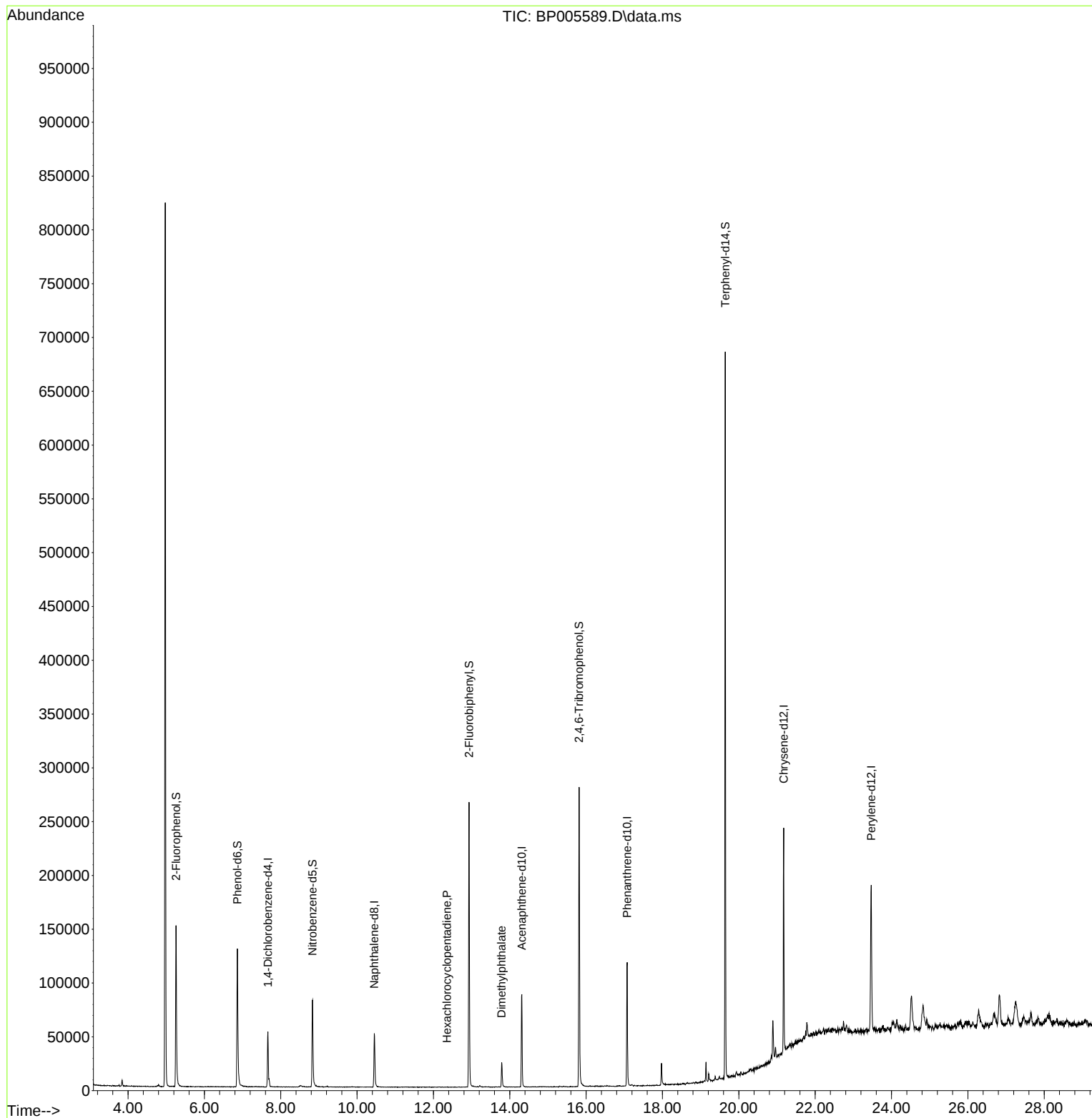
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	10836	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	32438	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	26922	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	67615	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	96704	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	105862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	48480	85.86	ng	0.00
7) Phenol-d6	6.863	99	53403	75.85	ng	0.00
23) Nitrobenzene-d5	8.834	82	45681	55.43	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	54610	71.48	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	112965	47.33	ng	0.00
79) Terphenyl-d14	19.645	244	263758	46.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.152	88	23	Below Cal	#	68
9) Benzaldehyde	6.793	77	10	Below Cal	#	8
41) Hexachlorocyclopentadiene	12.357	237	6	7.88	ng	87
50) Dimethylphthalate	13.787	163	15418	6.63	ng	# 94

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

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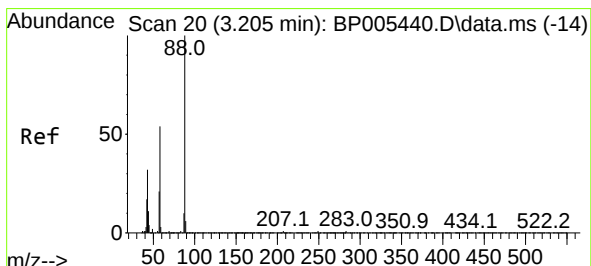
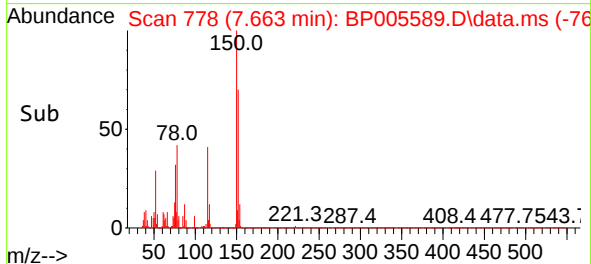
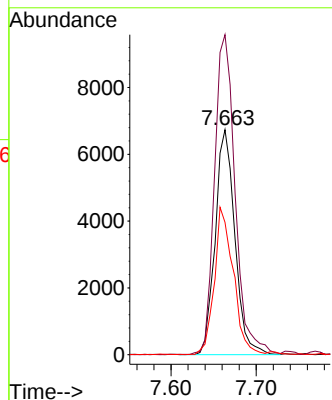
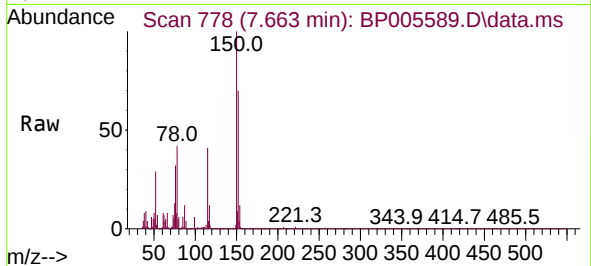




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

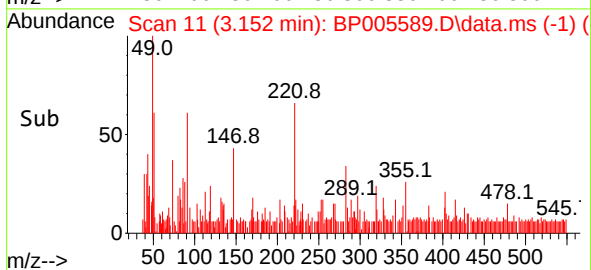
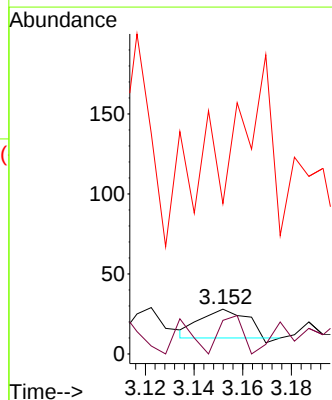
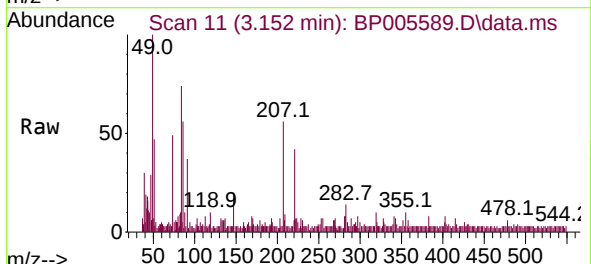
Instrument :
BNA_P
ClientSampleId :
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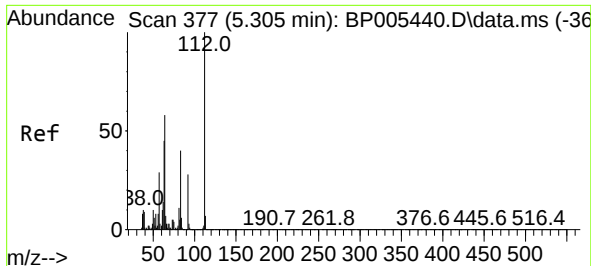
Tgt Ion:152 Resp: 10836
Ion Ratio Lower Upper
152 100
150 142.2 119.8 179.8
115 58.8 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.152 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
58 69.6 42.5 63.7#
43 0.0 19.8 29.8#

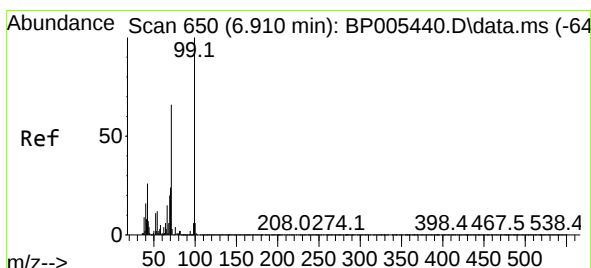
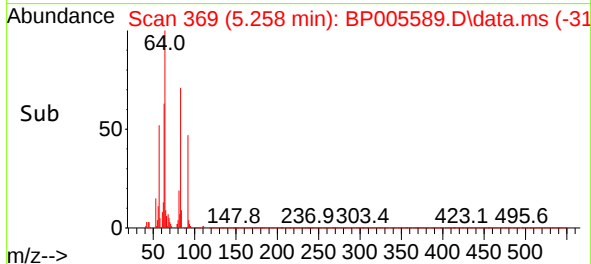
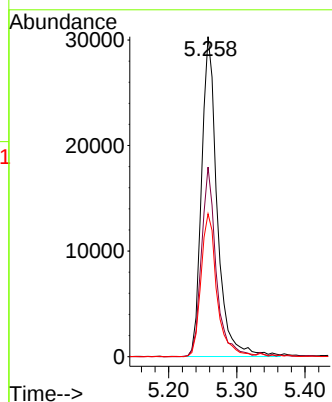
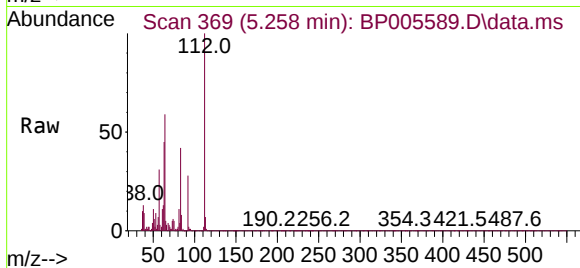




#5
2-Fluorophenol
Concen: 85.86 ng
RT: 5.258 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

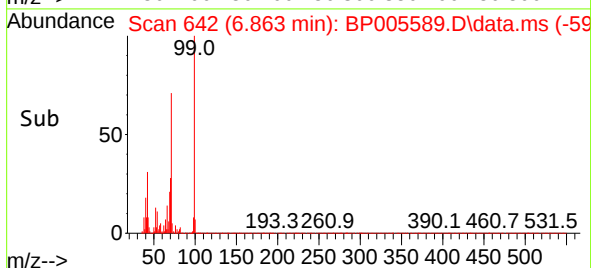
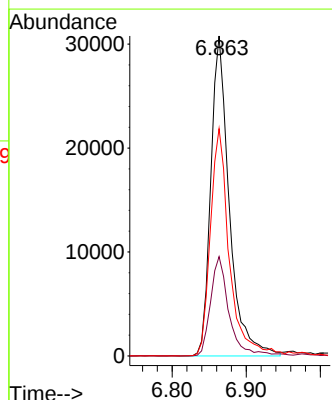
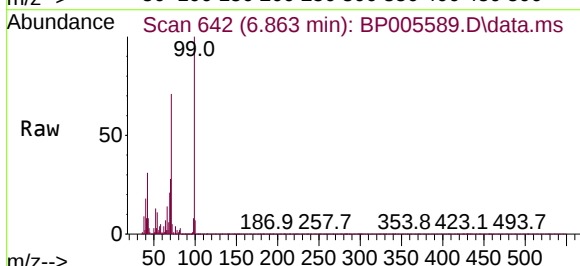
Instrument :
BNA_P
ClientSampleId :
PLAYGROUND-CP-1

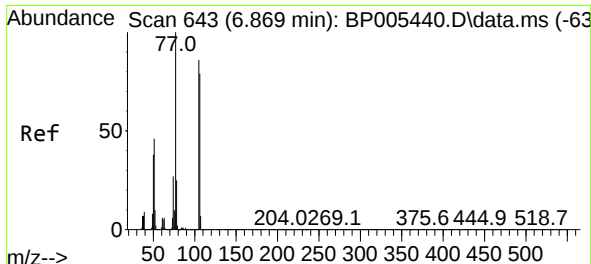
Tgt Ion:112 Resp: 48480
Ion Ratio Lower Upper
112 100
64 59.3 33.6 50.4#
63 44.7 18.6 27.8#



#7
Phenol-d6
Concen: 75.85 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Tgt Ion: 99 Resp: 53403
Ion Ratio Lower Upper
99 100
42 31.1 12.9 19.3#
71 71.0 26.7 40.1#

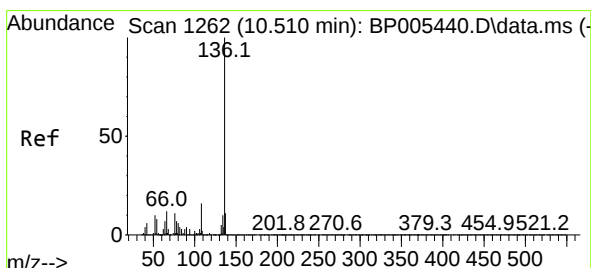
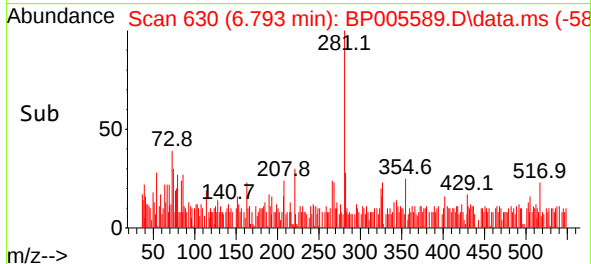
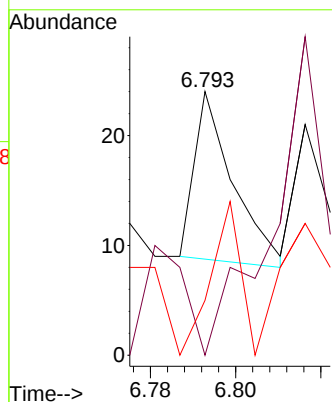
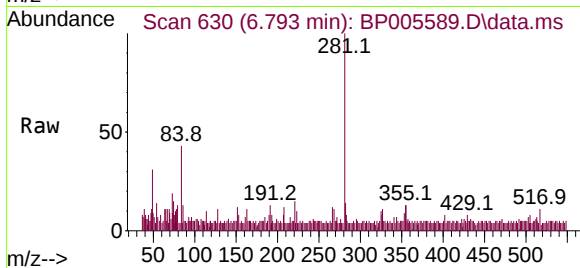




#9
Benzaldehyde
Concen: Below Cal
RT: 6.793 min Scan# 630
Delta R.T. -0.024 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

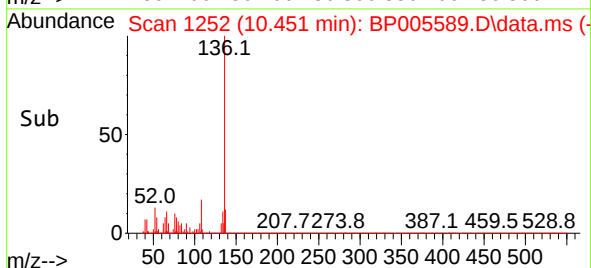
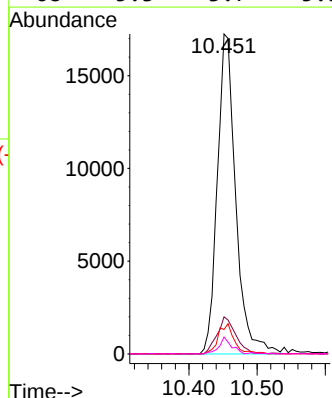
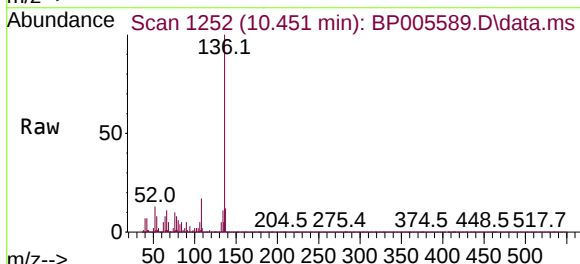
Instrument :
BNA_P
ClientSampleId :
PLAYGROUND-CP-1

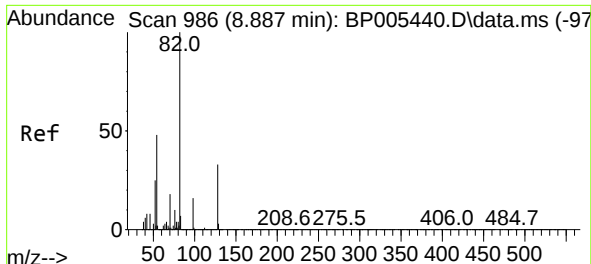
Tgt Ion: 77 Resp: 10
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 20.8 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Tgt Ion:136 Resp: 32438
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 7.6 5.0 7.4#
68 5.3 3.7 5.5

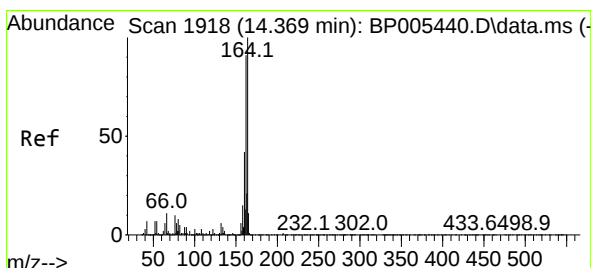
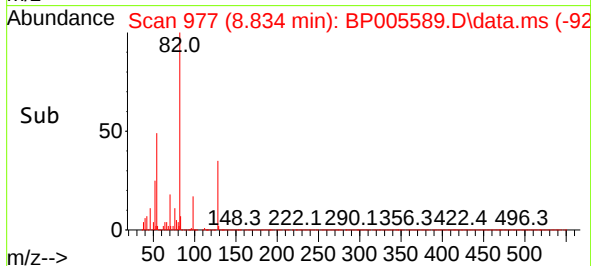
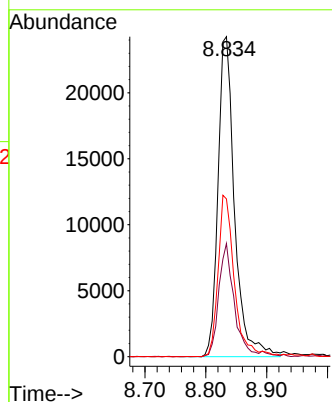
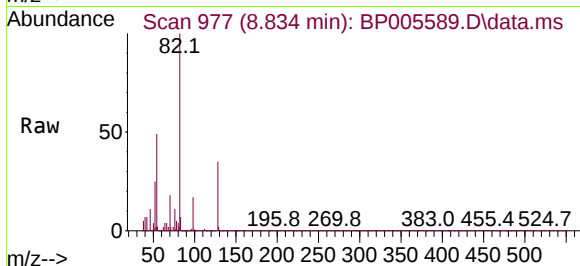




#23
Nitrobenzene-d5
Concen: 55.43 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

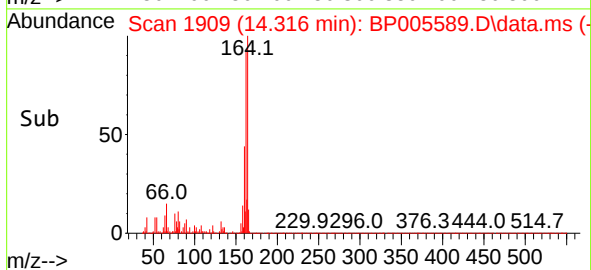
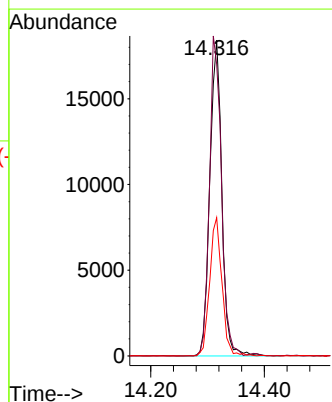
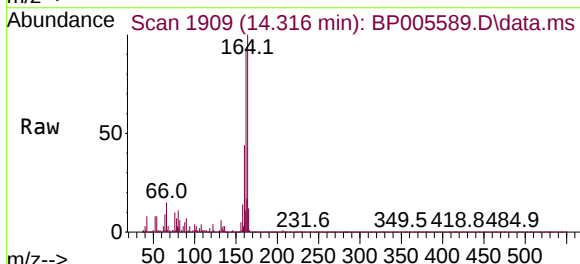
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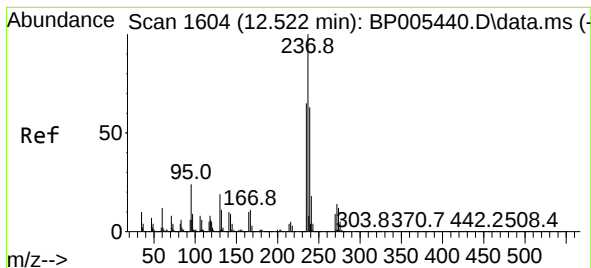
Tgt Ion:	82	Resp:	45681
Ion Ratio	Lower	Upper	
82	100		
128	35.3	30.5	45.7
54	49.3	33.9	50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Tgt Ion:	164	Resp:	26922
Ion Ratio	Lower	Upper	
164	100		
162	92.4	73.5	110.3
160	43.8	40.6	61.0

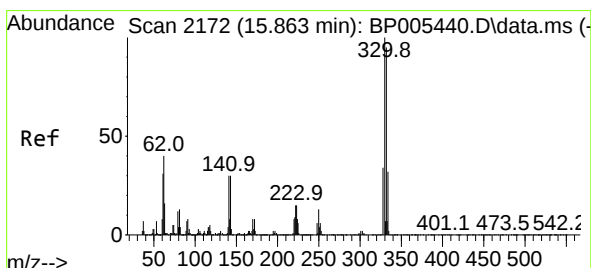
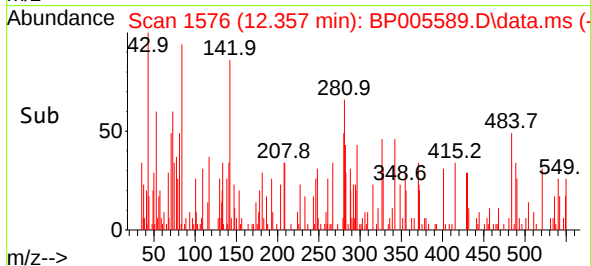
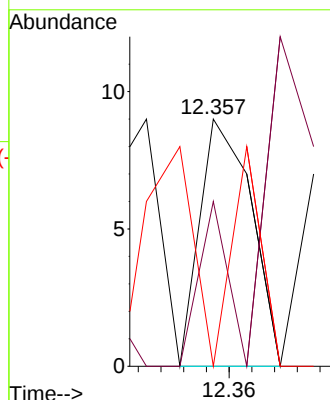
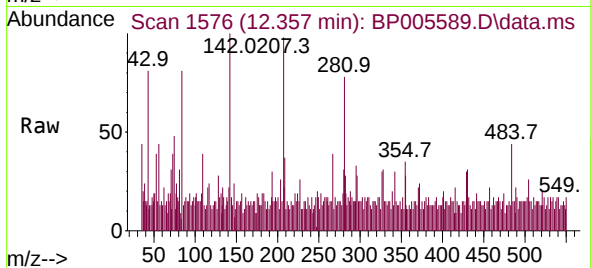




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.106 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

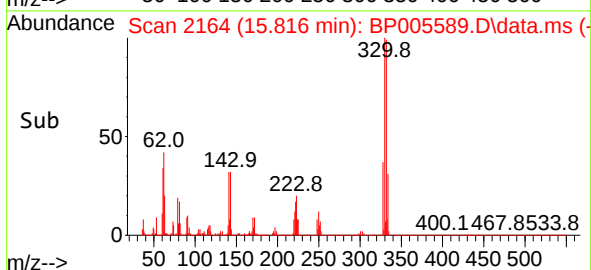
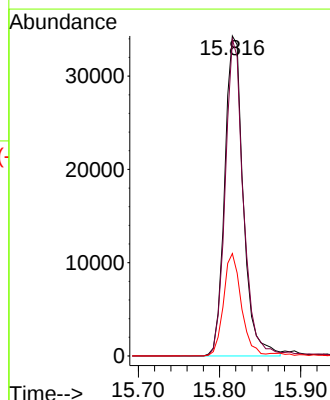
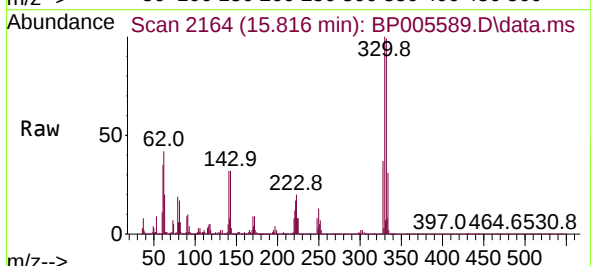
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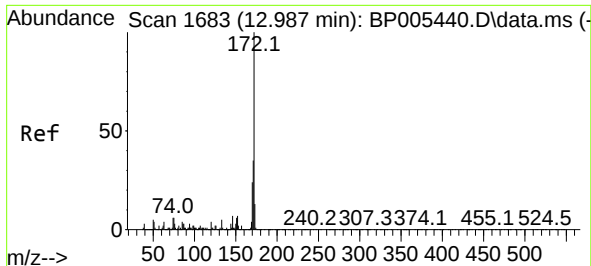
Tgt Ion:	237	Resp:	6
Ion	Ratio	Lower	Upper
237	100		
235	66.7	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 71.48 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Tgt Ion:	330	Resp:	54610
Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.3	114.5
141	30.7	22.8	34.2

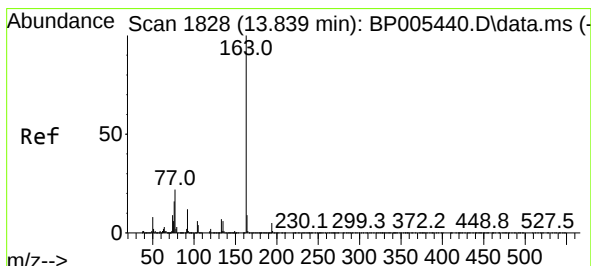
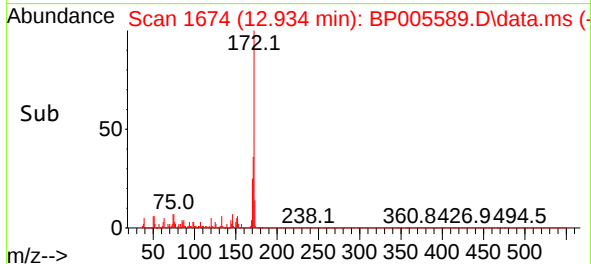
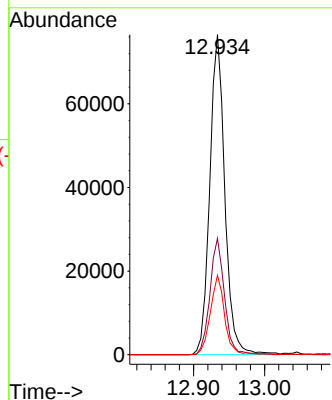
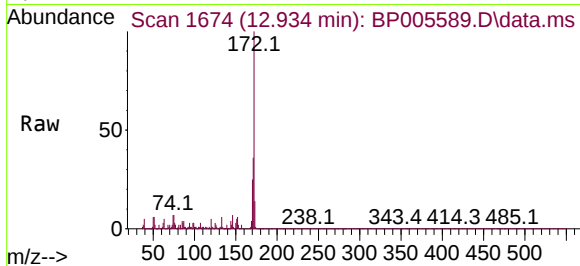




#45
2-Fluorobiphenyl
Concen: 47.33 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

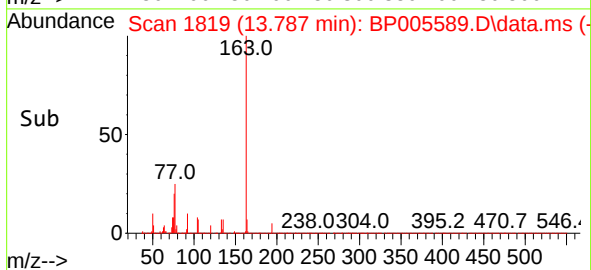
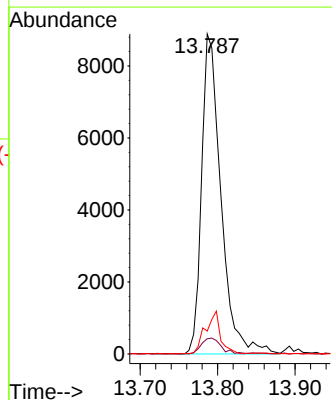
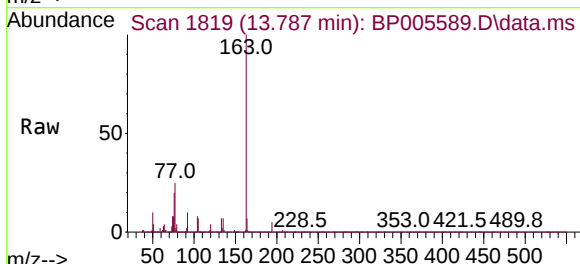
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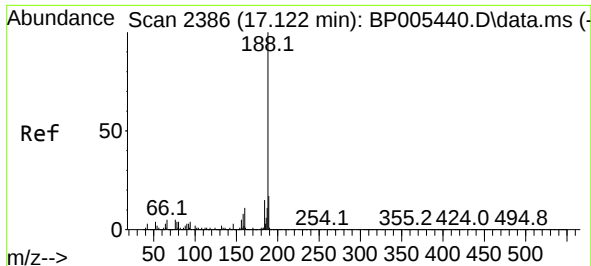
Tgt Ion:172	Resp:	112965
Ion Ratio	Lower	Upper
172	100	
171	36.3	28.1 42.1
170	24.8	19.6 29.4



#50
Dimethylphthalate
Concen: 6.63 ng
RT: 13.787 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Tgt Ion:163	Resp:	15418
Ion Ratio	Lower	Upper
163	100	
194	4.7	3.9 5.9
164	7.1	8.1 12.1#

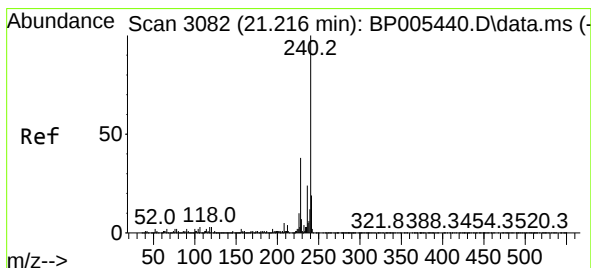
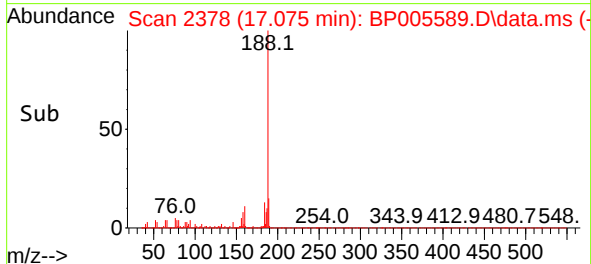
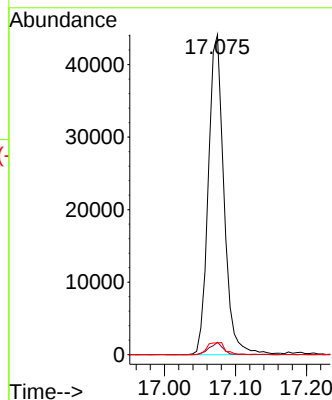
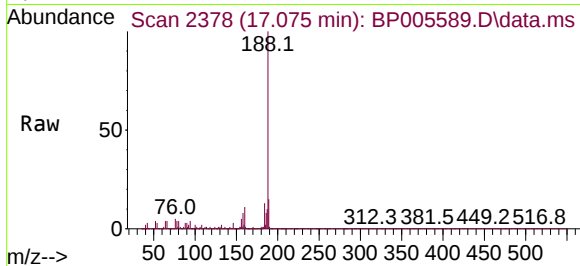




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

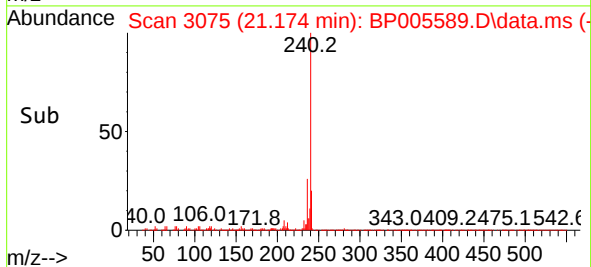
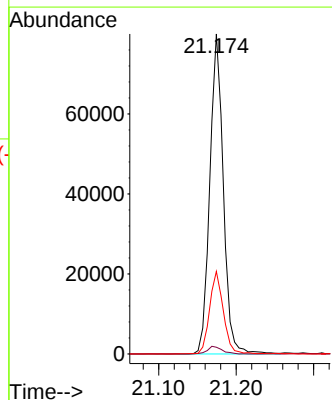
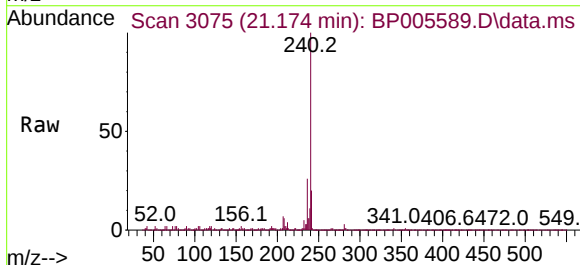
Instrument :
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PLAYGROUND-CP-1

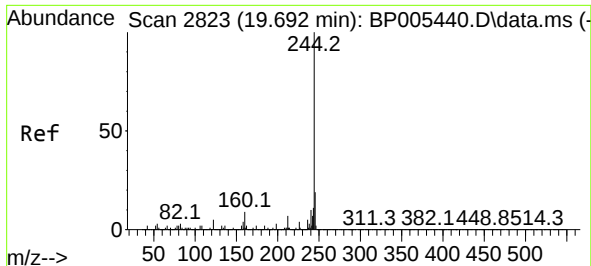
Tgt Ion:188 Resp: 67615
Ion Ratio Lower Upper
188 100
94 3.9 5.0 7.6#
80 3.6 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Tgt Ion:240 Resp: 96704
Ion Ratio Lower Upper
240 100
120 2.1 4.2 6.2#
236 25.8 20.2 30.2

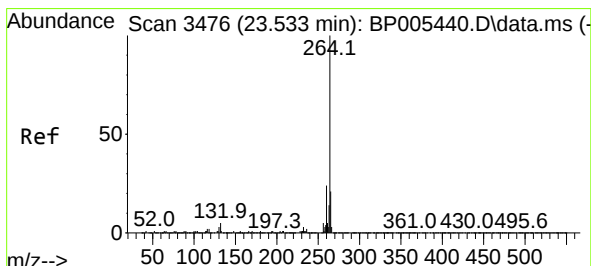
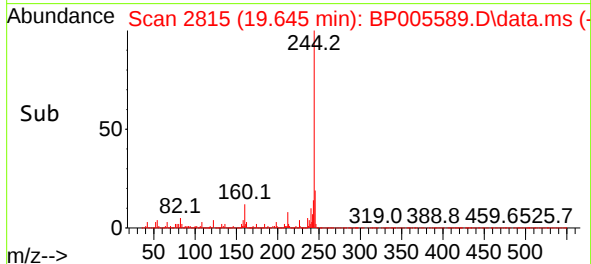
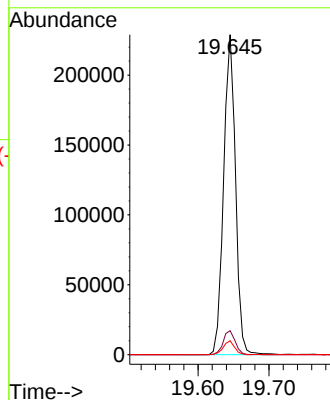
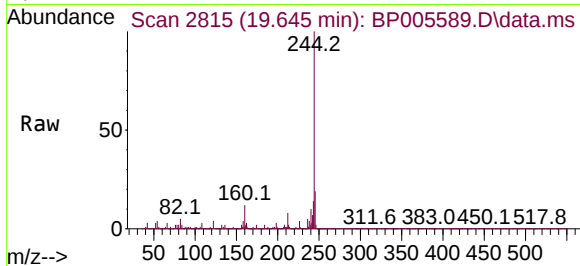




#79
Terphenyl-d14
Concen: 46.32 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Instrument :
BNA_P
ClientSampleId :
PLAYGROUND-CP-1

Tgt Ion:244 Resp: 263758
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 4.3 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.468 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP005589.D
Acq: 17 May 2021 19:56

Tgt Ion:264 Resp: 105862
Ion Ratio Lower Upper
264 100
260 24.4 20.6 30.8
265 21.8 19.0 28.6

