

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
 Data File : BP005594.D
 Acq On : 18 May 2021 11:03
 Operator : CG/JU
 Sample : PB136376BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136376BL

Quant Time: May 18 15:46:14 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)

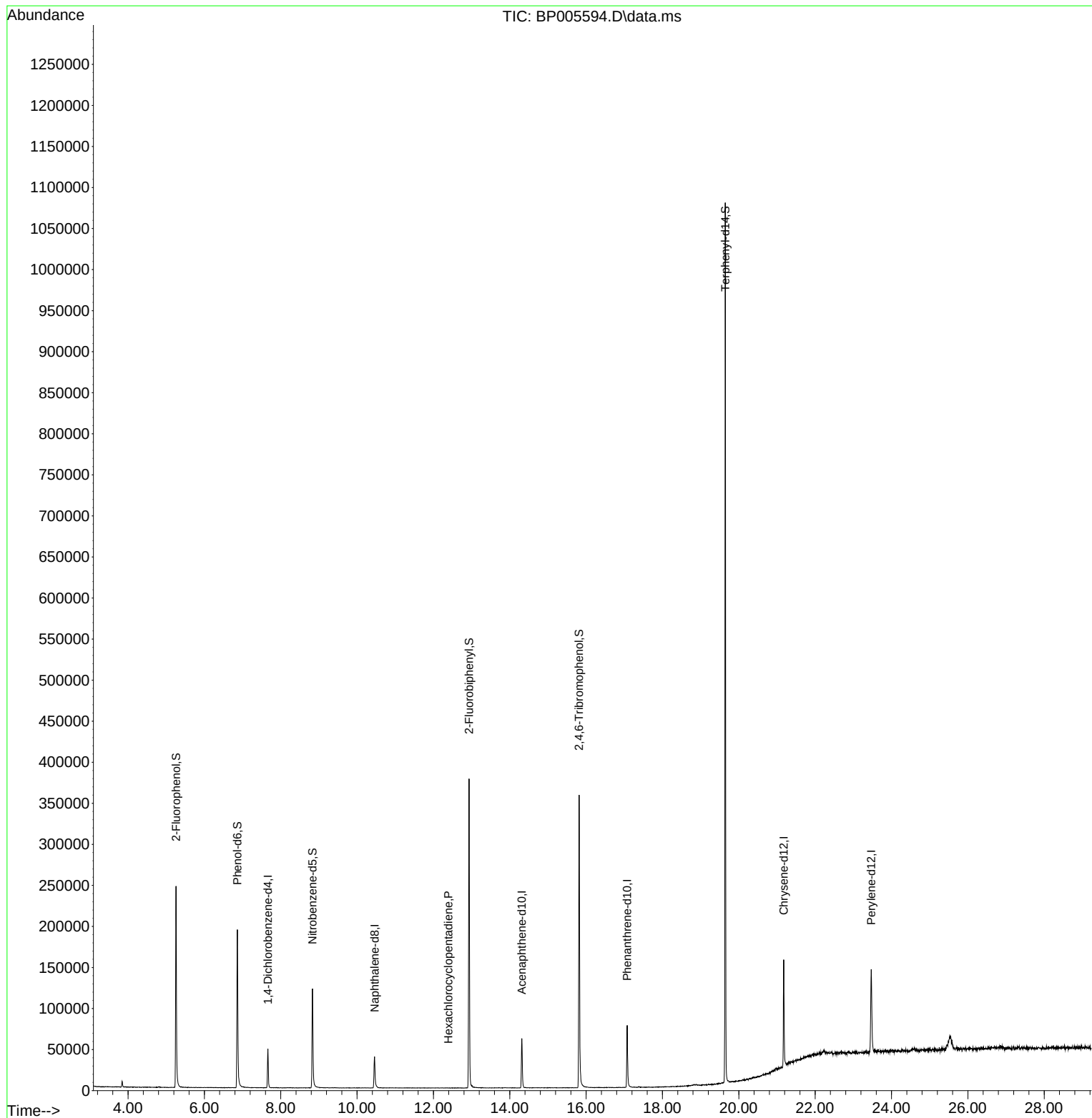
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	9475	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	28343	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	21156	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	51498	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	70269	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	82646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	77256	156.48	ng	0.00
7) Phenol-d6	6.863	99	80425	130.64	ng	0.00
23) Nitrobenzene-d5	8.834	82	67363	93.55	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	68450	114.02	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	169191	90.21	ng	0.00
79) Terphenyl-d14	19.645	244	407277	98.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.146	88	18	Below Cal	#	1
9) Benzaldehyde	6.869	77	310	Below Cal	#	3
41) Hexachlorocyclopentadiene	12.393	237	11	7.90	ng	90

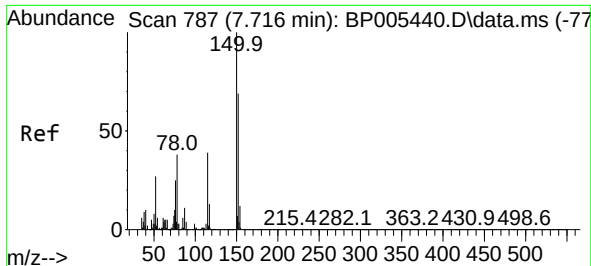
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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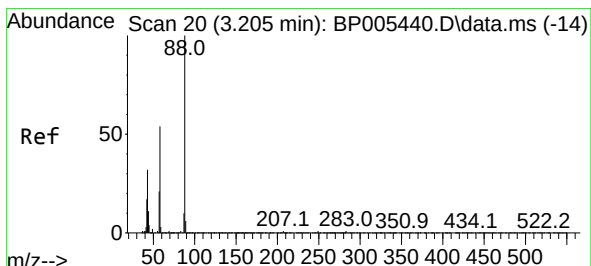
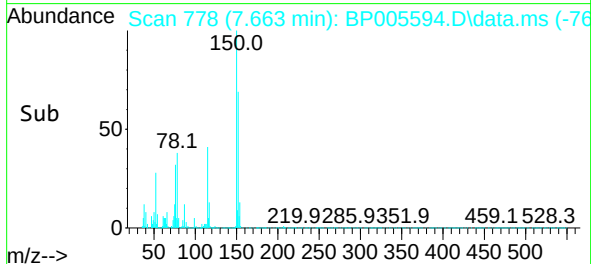
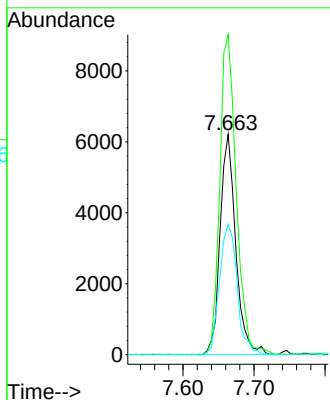
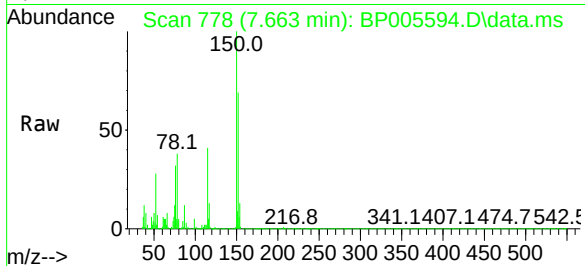




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

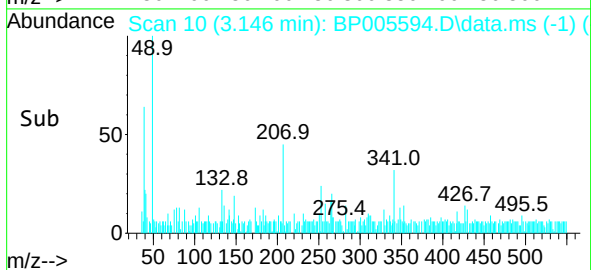
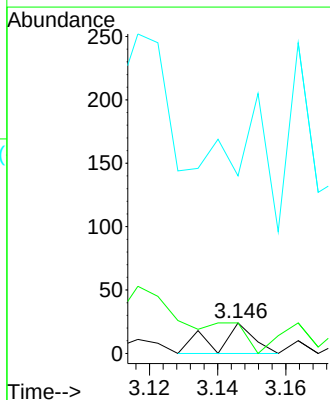
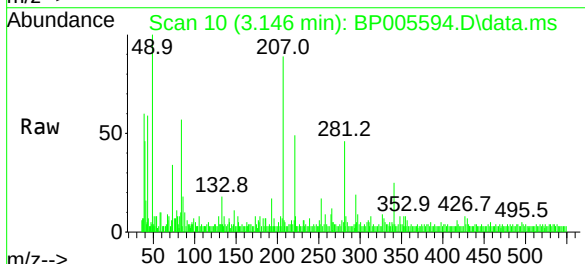
Instrument :
BNA_P
ClientSampleId :
PB136376BL

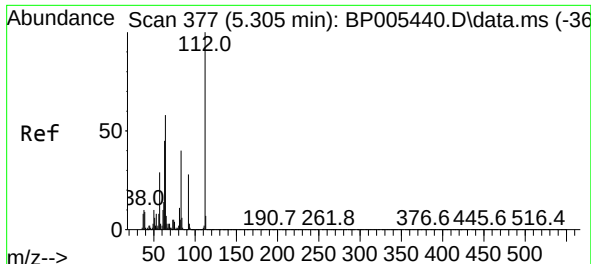
Tgt Ion:152 Resp: 9475
Ion Ratio Lower Upper
152 100
150 145.3 119.8 179.8
115 59.1 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.146 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 205.6 19.8 29.8#

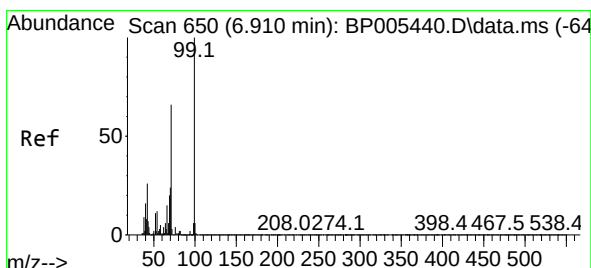
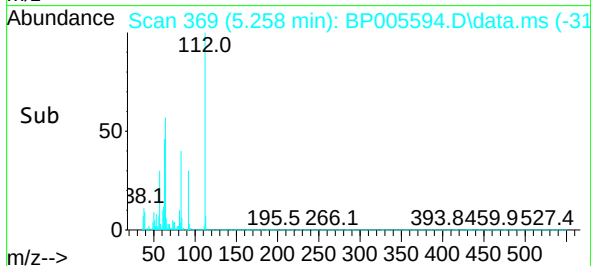
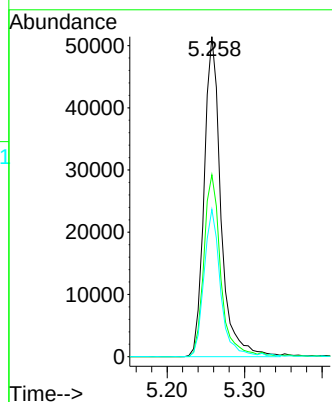
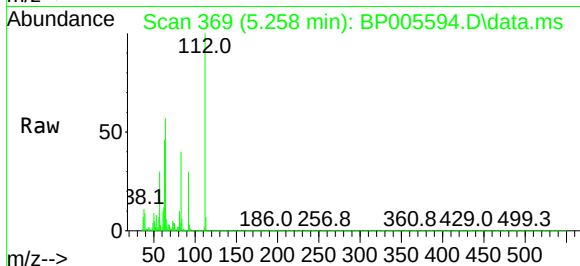




#5
2-Fluorophenol
Concen: 156.48 ng
RT: 5.258 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

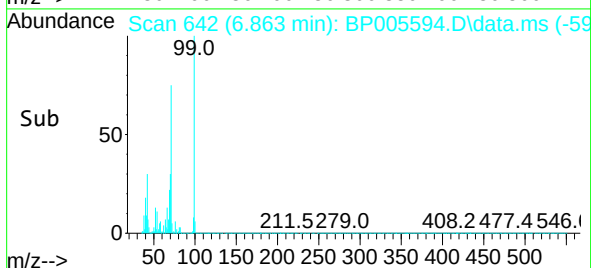
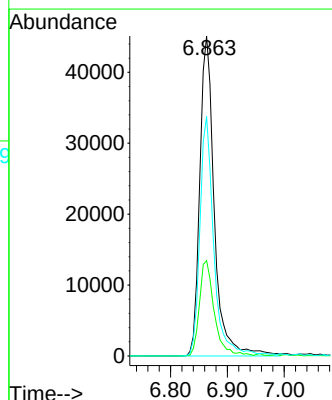
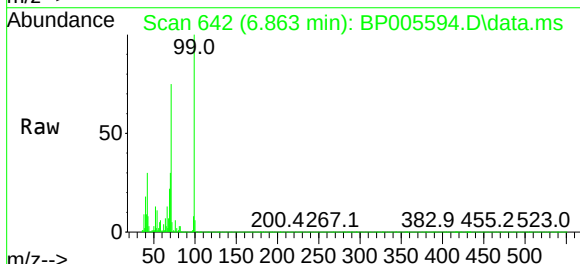
Instrument :
BNA_P
ClientSampleId :
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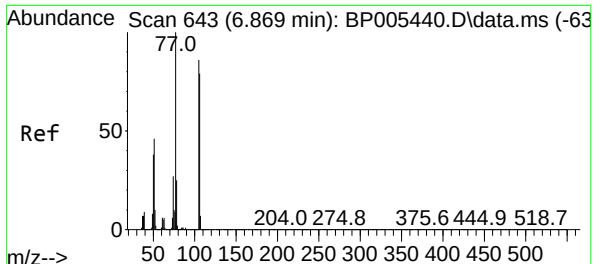
Tgt Ion:112 Resp: 77256
Ion Ratio Lower Upper
112 100
64 56.9 33.6 50.4#
63 46.0 18.6 27.8#



#7
Phenol-d6
Concen: 130.64 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

Tgt Ion: 99 Resp: 80425
Ion Ratio Lower Upper
99 100
42 29.8 12.9 19.3#
71 74.8 26.7 40.1#

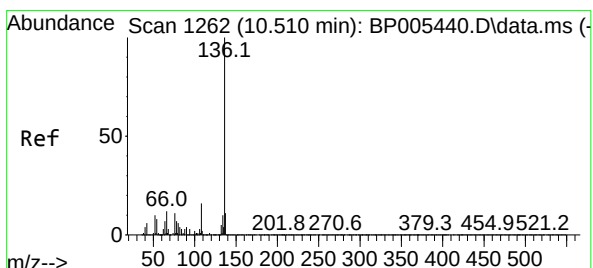
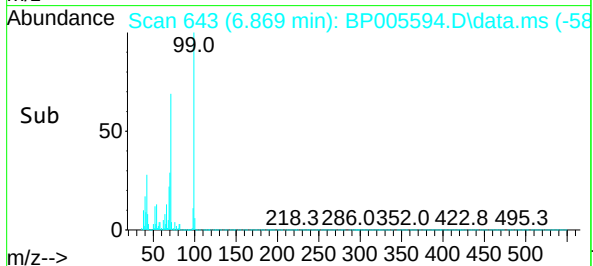
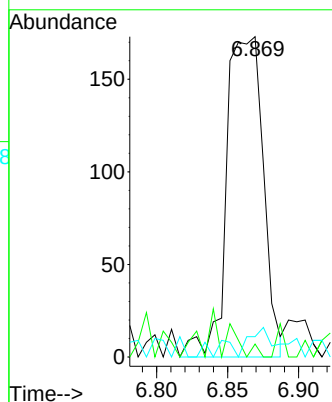
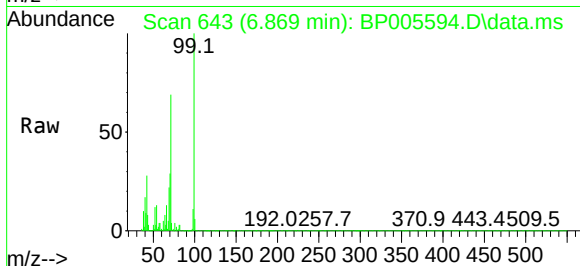




#9
Benzaldehyde
Concen: Below Cal
RT: 6.869 min Scan# 643
Delta R.T. 0.053 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

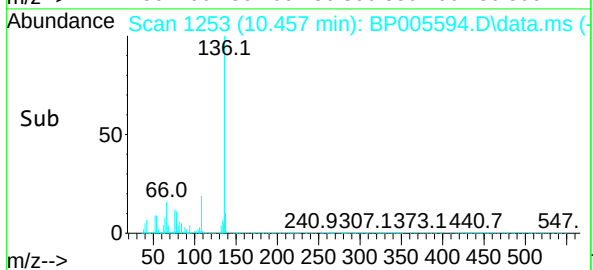
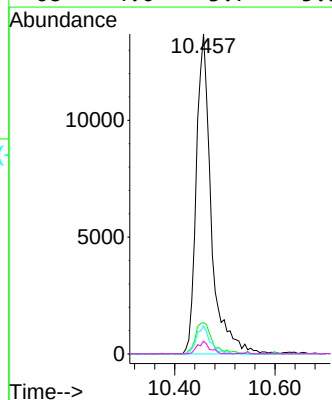
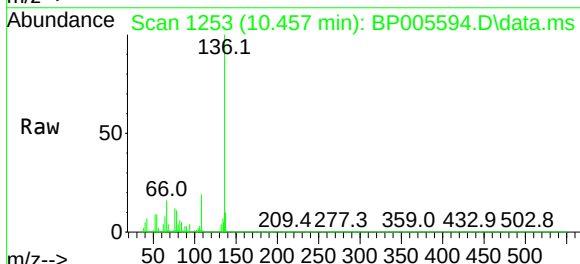
Instrument :
BNA_P
ClientSampleId :
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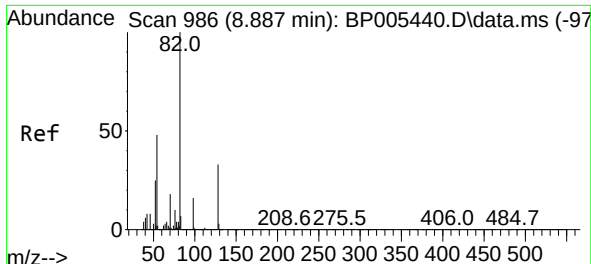
Tgt Ion: 77 Resp: 310
Ion Ratio Lower Upper
77 100
105 4.0 89.4 129.4#
106 6.4 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

Tgt Ion:136 Resp: 28343
Ion Ratio Lower Upper
136 100
137 9.8 8.9 13.3
54 8.7 5.0 7.4#
68 4.0 3.7 5.5

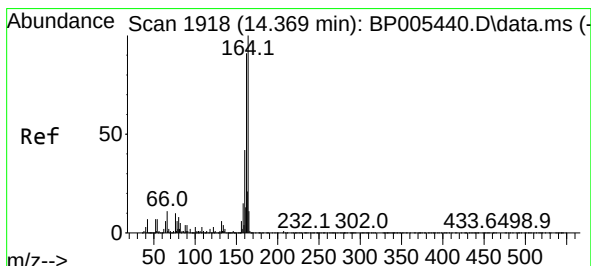
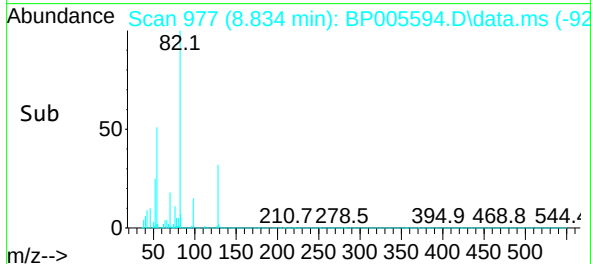
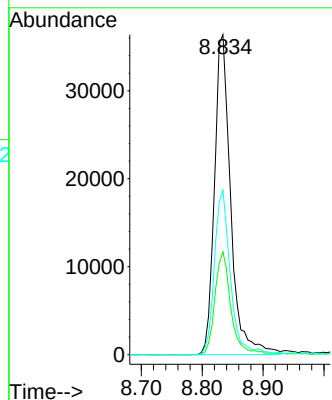
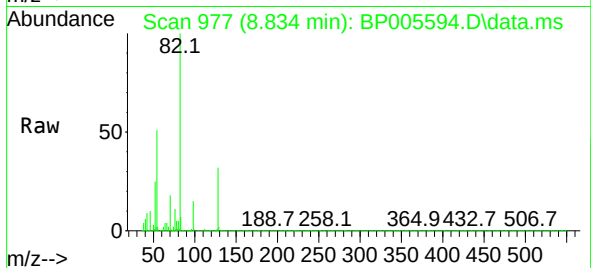




#23
Nitrobenzene-d5
Concen: 93.55 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

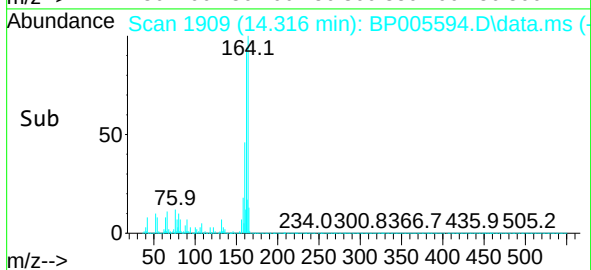
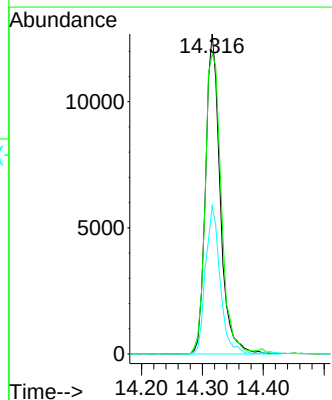
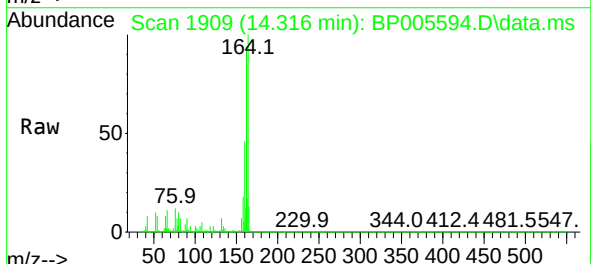
Instrument :
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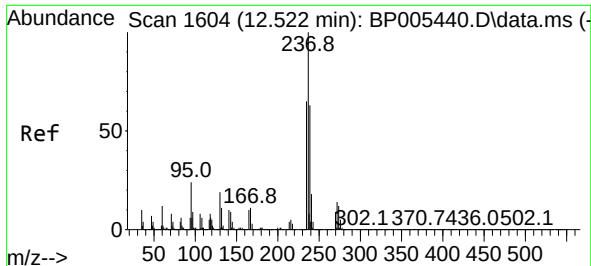
Tgt Ion: 82 Resp: 67363
Ion Ratio Lower Upper
82 100
128 32.2 30.5 45.7
54 51.5 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

Tgt Ion: 164 Resp: 21156
Ion Ratio Lower Upper
164 100
162 93.8 73.5 110.3
160 46.3 40.6 61.0

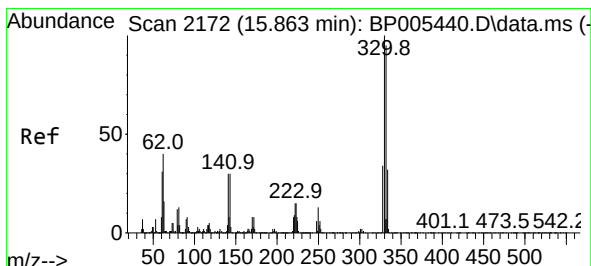
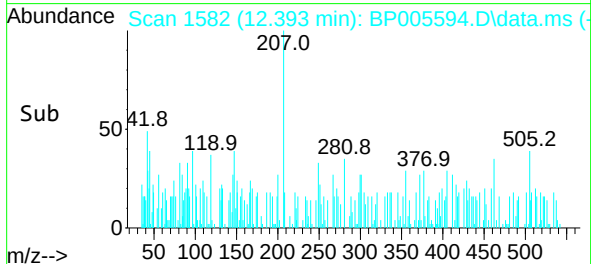
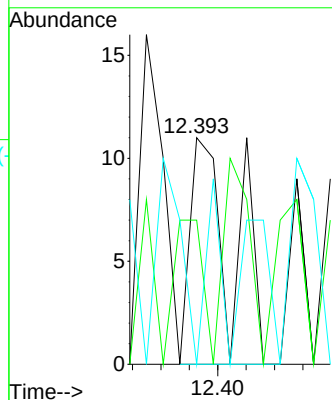
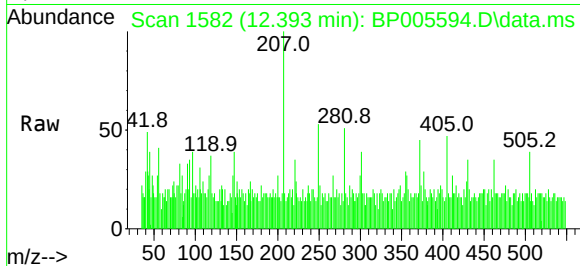




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.393 min Scan# 1582
Delta R.T. -0.071 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

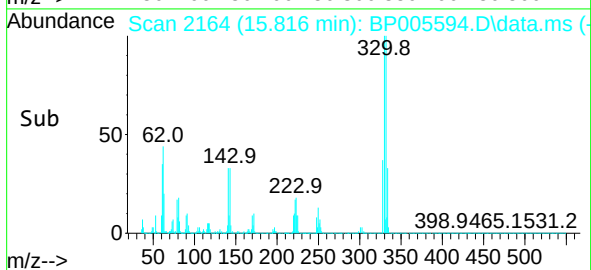
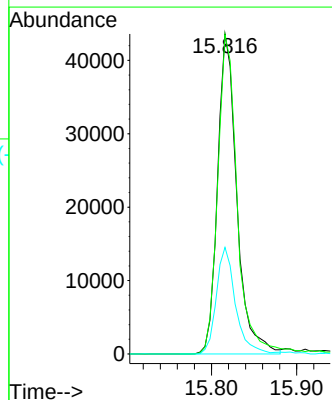
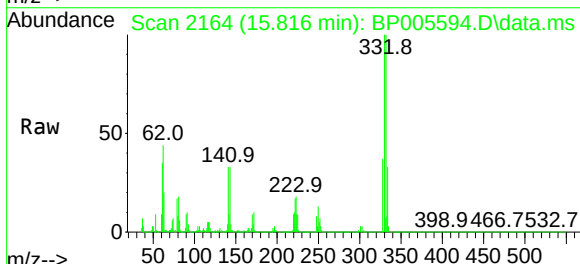
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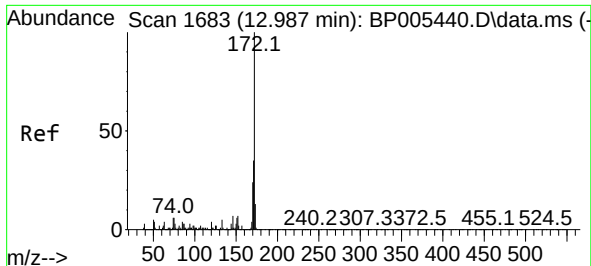
Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 63.6 40.9 80.9
272 0.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 114.02 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

Tgt Ion:330 Resp: 68450
Ion Ratio Lower Upper
330 100
332 101.4 76.3 114.5
141 33.1 22.8 34.2

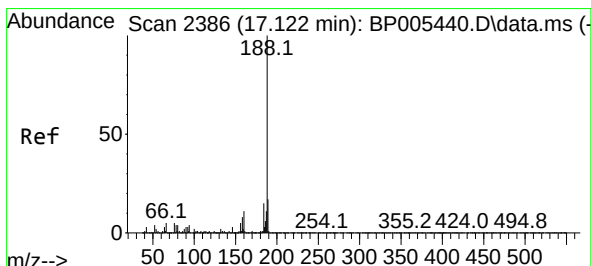
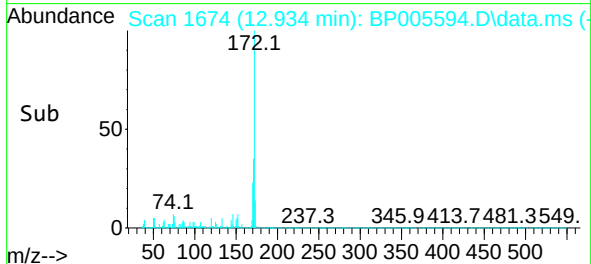
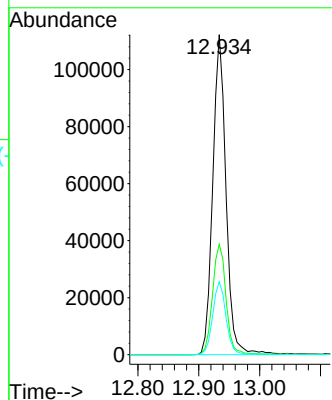
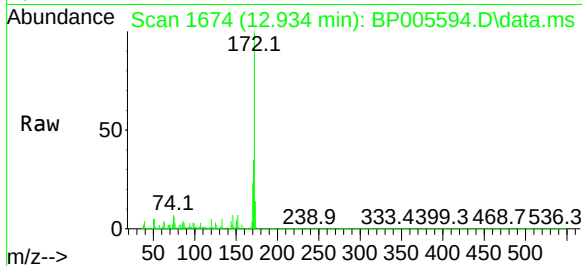




#45
2-Fluorobiphenyl
Concen: 90.21 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

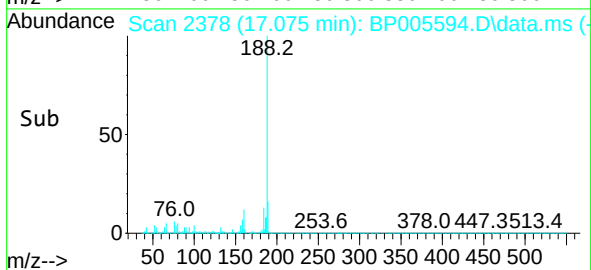
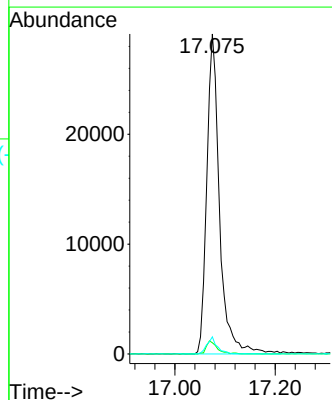
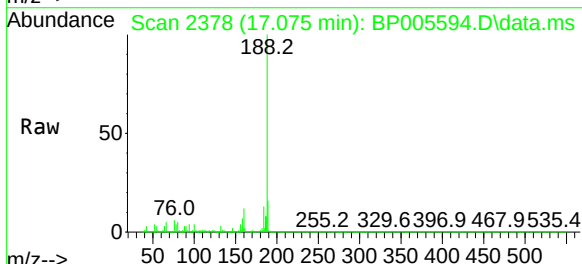
Instrument :
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PB136376BL

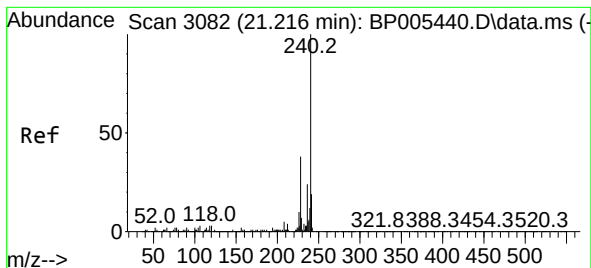
Tgt Ion:172 Resp: 169191
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.8 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP005594.D
Acq: 18 May 2021 11:03

Tgt Ion:188 Resp: 51498
Ion Ratio Lower Upper
188 100
94 3.5 5.0 7.6#
80 5.4 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: BP005594.D

Acq: 18 May 2021 11:03

Tgt Ion:240 Resp: 70269

Ion Ratio Lower Upper

240 100

120 2.8 4.2 6.2#

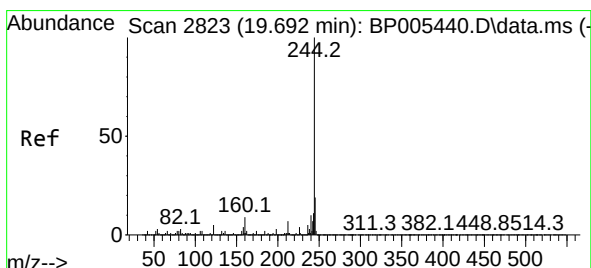
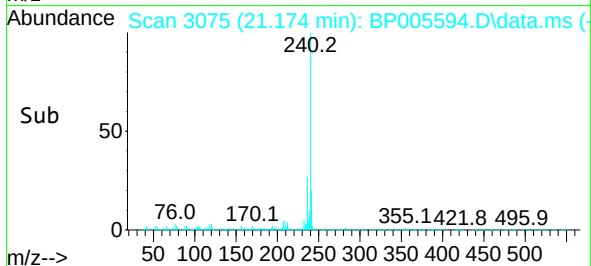
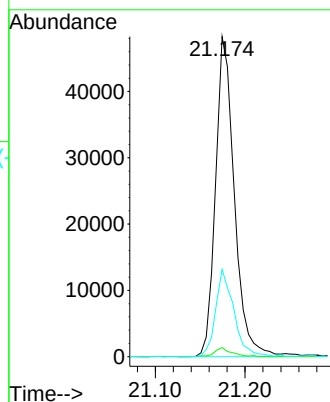
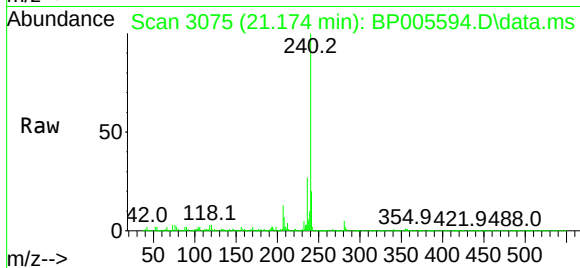
236 27.3 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

PB136376BL



#79

Terphenyl-d14

Concen: 98.43 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP005594.D

Acq: 18 May 2021 11:03

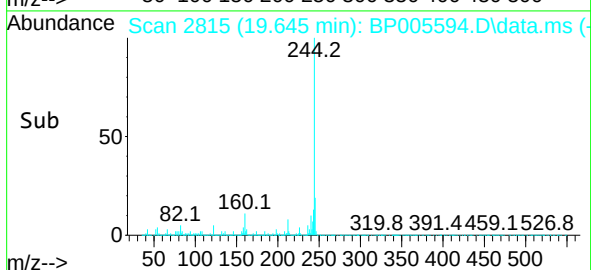
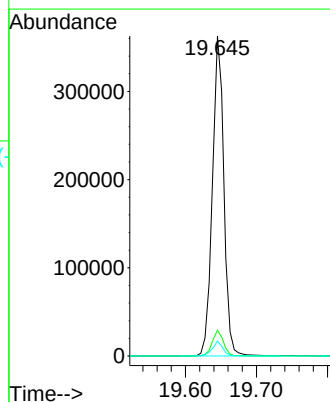
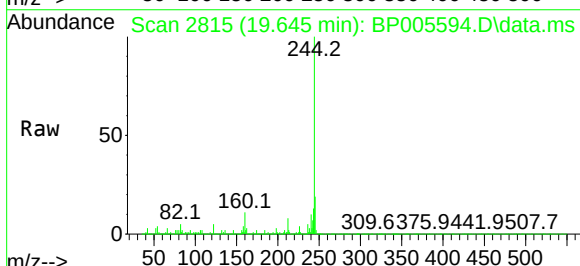
Tgt Ion:244 Resp: 407277

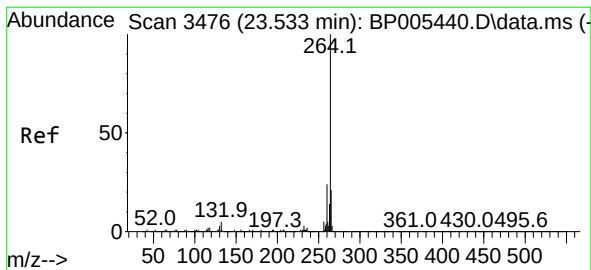
Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

122 4.6 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: BP005594.D
 Acq: 18 May 2021 11:03

Instrument :
 BNA_P
 ClientSampleId :
 PB136376BL

Tgt Ion:	264	Resp:	82646
Ion Ratio	Lower	Upper	
264	100		
260	24.7	20.6	30.8
265	24.1	19.0	28.6

