

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
 Data File : BP005596.D
 Acq On : 18 May 2021 12:46
 Operator : CG/JU
 Sample : M2435-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COTTAGE-B

Quant Time: May 18 15:46:53 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)

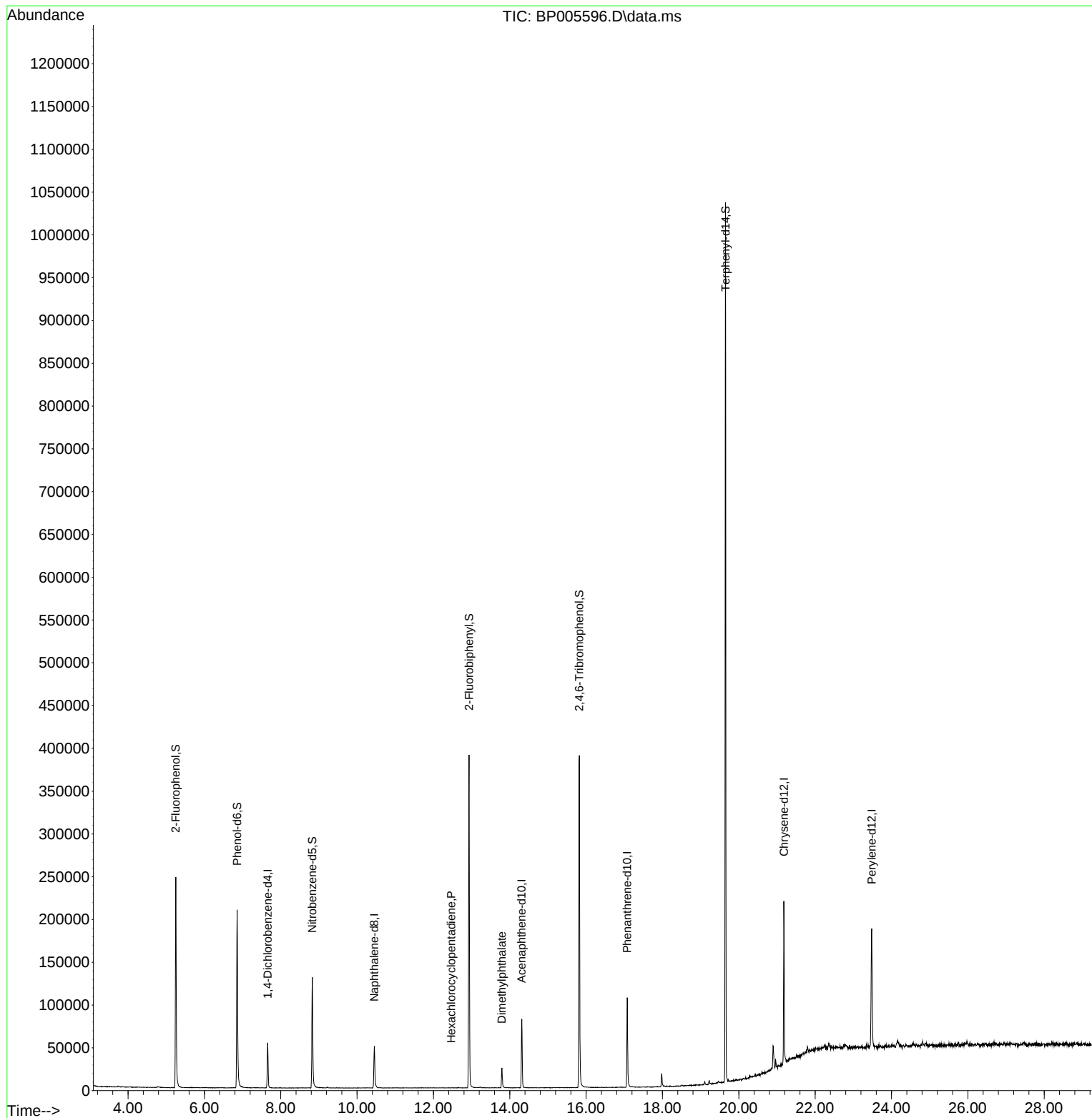
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	11237	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	32828	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	25162	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	62707	20.00	ng	# 0.00
76) Chrysene-d12	21.180	240	92349	20.00	ng	# 0.00
86) Perylene-d12	23.480	264	105159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	78314	133.75	ng	0.00
7) Phenol-d6	6.858	99	85437	117.02	ng	0.00
23) Nitrobenzene-d5	8.828	82	67462	80.88	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	78063	109.33	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	166777	74.77	ng	0.00
79) Terphenyl-d14	19.651	244	411785	75.73	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	5	Below Cal	#	1
9) Benzaldehyde	6.858	77	567	Below Cal	#	6
41) Hexachlorocyclopentadiene	12.463	237	11	7.89	ng	89
50) Dimethylphthalate	13.793	163	15432	7.10	ng	# 97

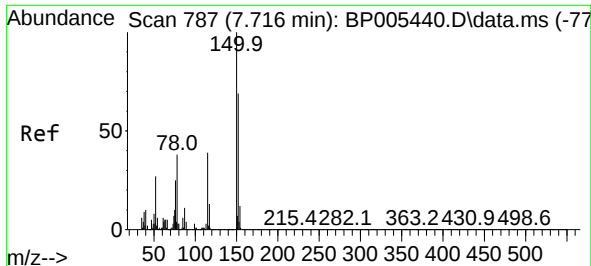
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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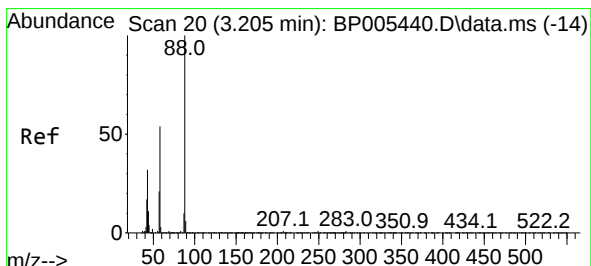
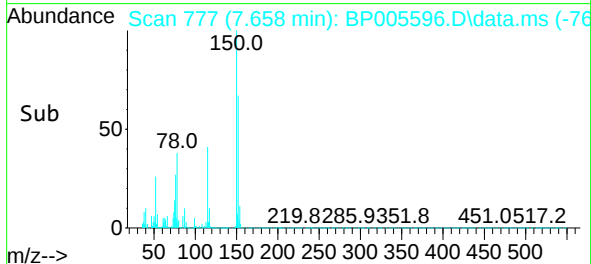
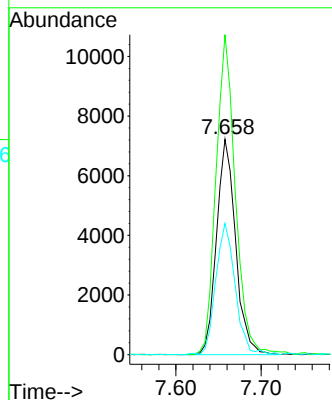
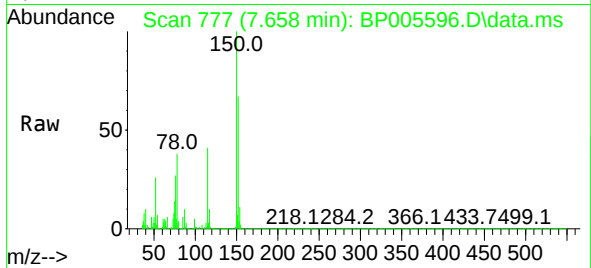




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

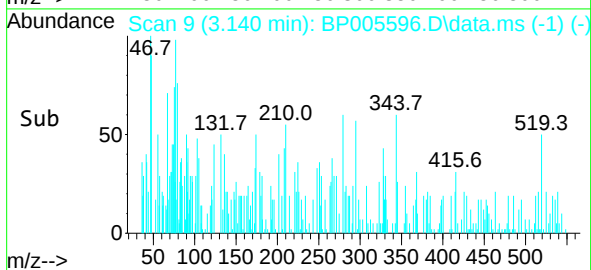
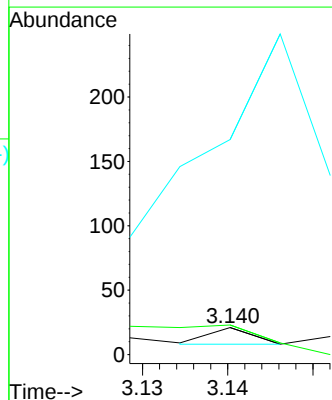
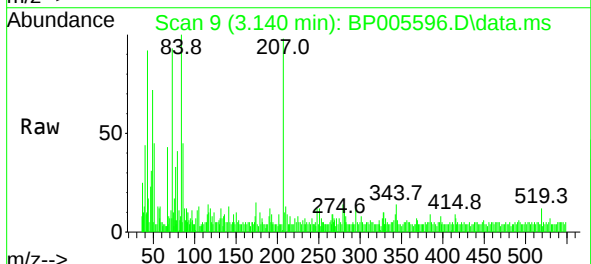
Instrument :
BNA_P
ClientSampleId :
COTTAGE-B

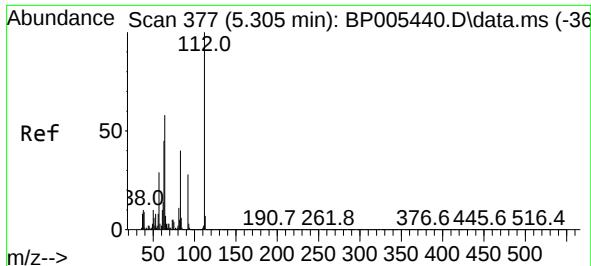
Tgt Ion:152 Resp: 11237
Ion Ratio Lower Upper
152 100
150 148.5 119.8 179.8
115 60.9 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.140 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

Tgt Ion: 88 Resp: 5
Ion Ratio Lower Upper
88 100
58 220.0 42.5 63.7#
43 2380.0 19.8 29.8#

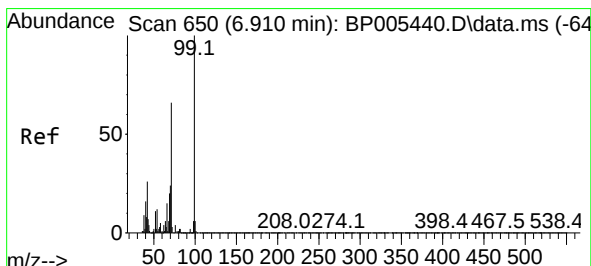
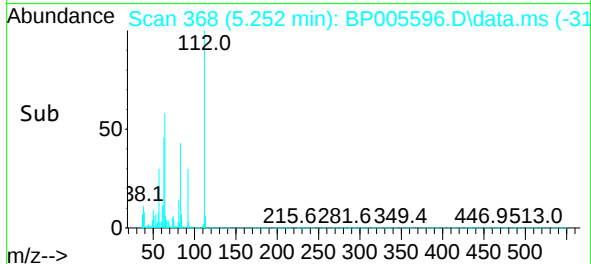
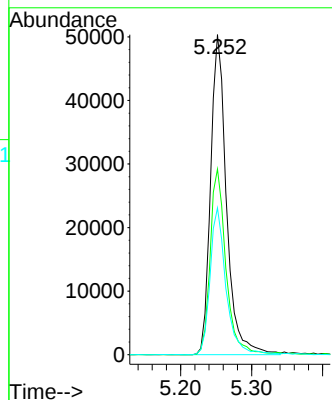
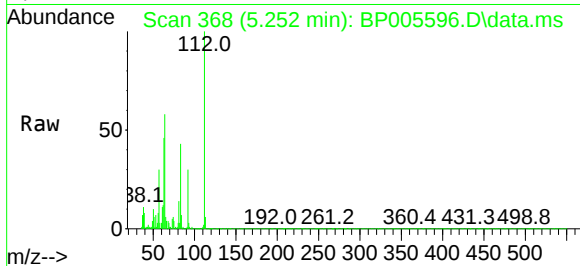




#5
2-Fluorophenol
Concen: 133.75 ng
RT: 5.252 min Scan# 368
Delta R.T. -0.006 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

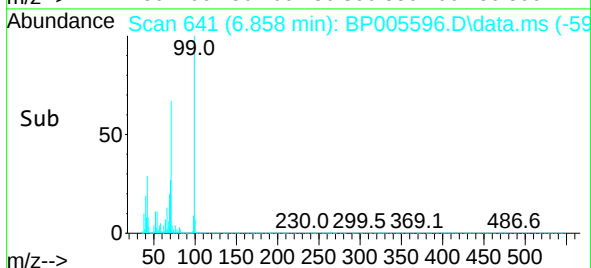
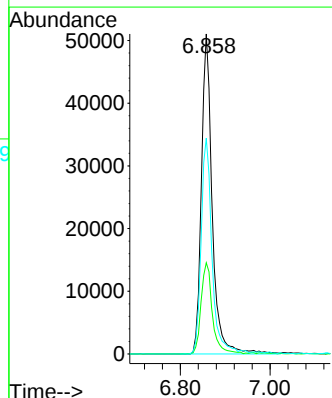
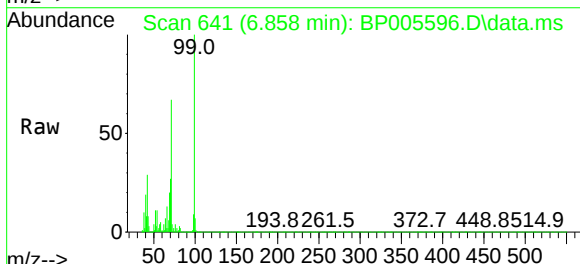
Instrument :
BNA_P
ClientSampleId :
COTTAGE-B

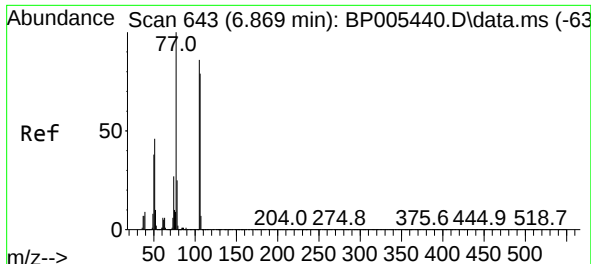
Tgt Ion:112 Resp: 78314
Ion Ratio Lower Upper
112 100
64 58.0 33.6 50.4#
63 45.9 18.6 27.8#



#7
Phenol-d6
Concen: 117.02 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.006 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

Tgt Ion: 99 Resp: 85437
Ion Ratio Lower Upper
99 100
42 28.5 12.9 19.3#
71 67.4 26.7 40.1#

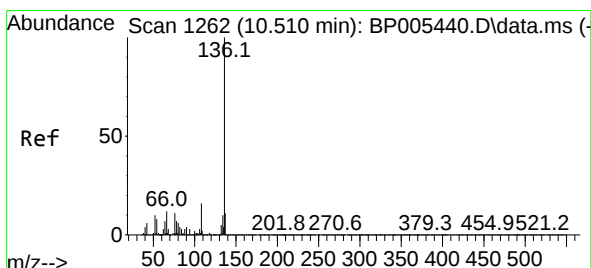
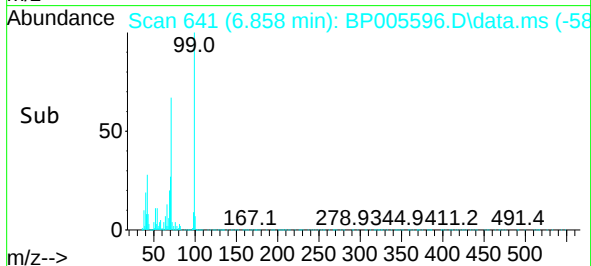
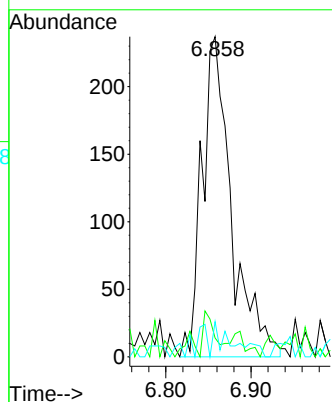
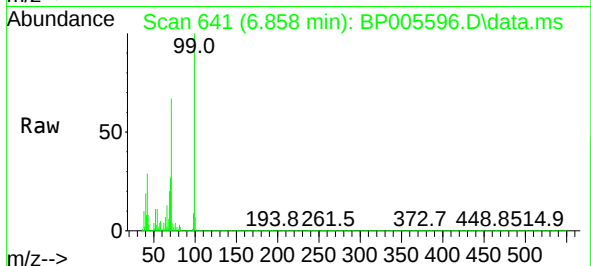




#9
Benzaldehyde
Concen: Below Cal
RT: 6.858 min Scan# 641
Delta R.T. 0.041 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

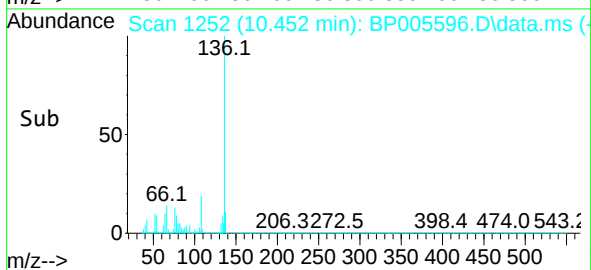
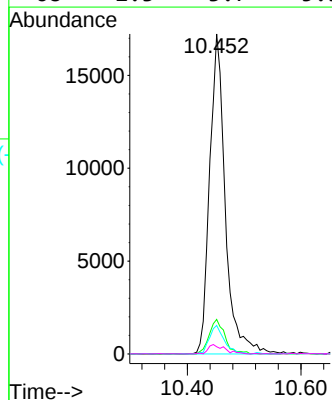
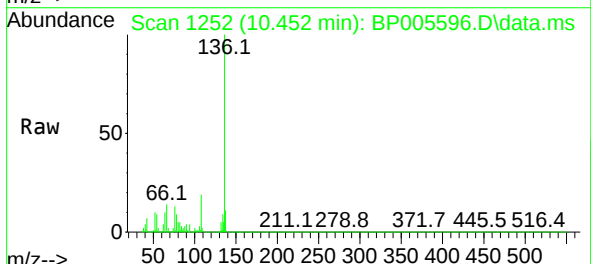
Instrument :
BNA_P
ClientSampleId :
COTTAGE-B

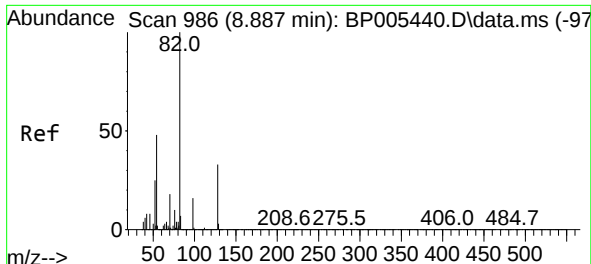
Tgt Ion: 77 Resp: 567
Ion Ratio Lower Upper
77 100
105 5.9 89.4 129.4#
106 11.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

Tgt Ion: 136 Resp: 32828
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.9 5.0 7.4#
68 2.3 3.7 5.5#

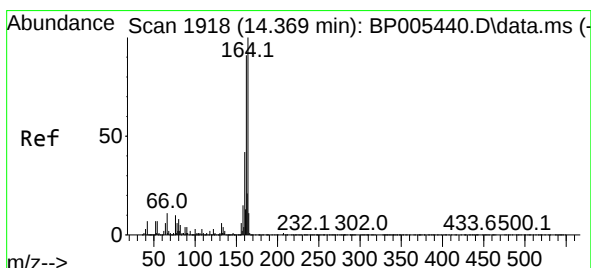
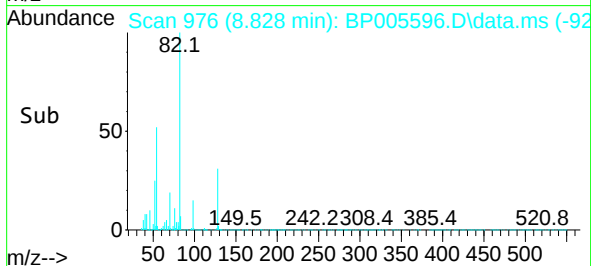
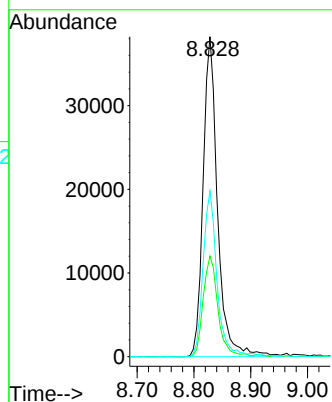
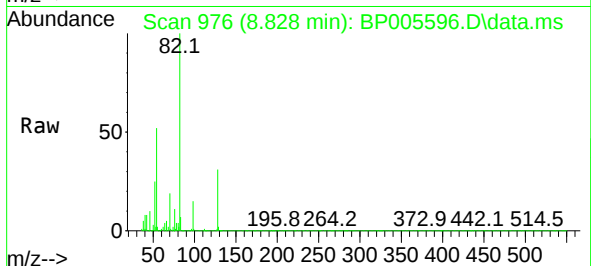




#23
Nitrobenzene-d5
Concen: 80.88 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

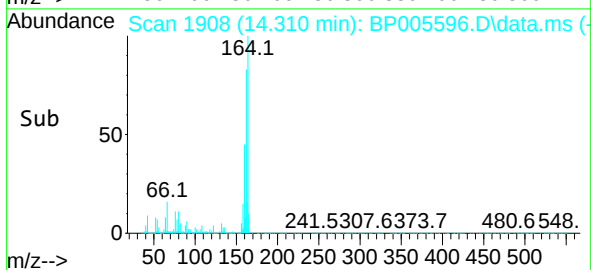
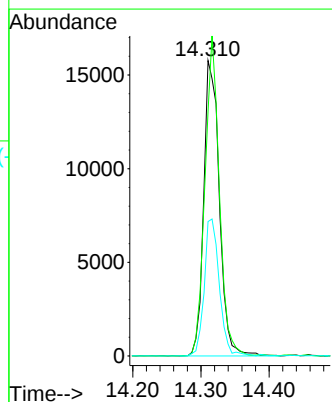
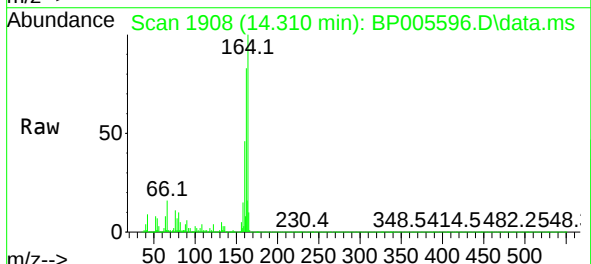
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BNA_P
ClientSampleId :
COTTAGE-B

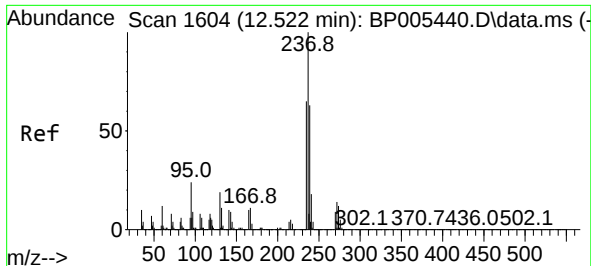
Tgt Ion: 82 Resp: 67462
Ion Ratio Lower Upper
82 100
128 31.5 30.5 45.7
54 51.7 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

Tgt Ion:164 Resp: 25162
Ion Ratio Lower Upper
164 100
162 82.7 73.5 110.3
160 45.5 40.6 61.0

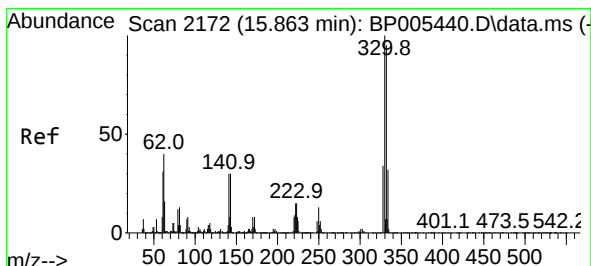
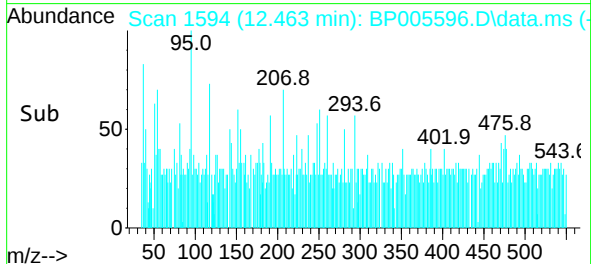
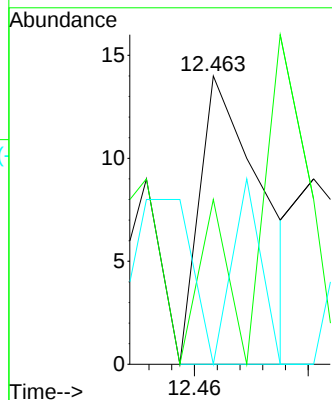
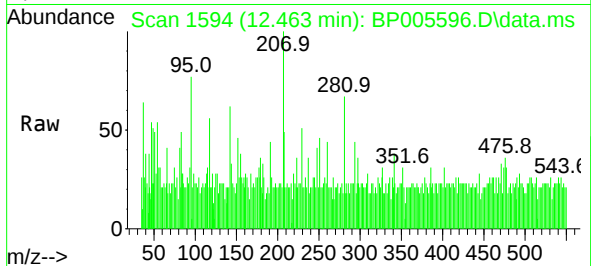




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

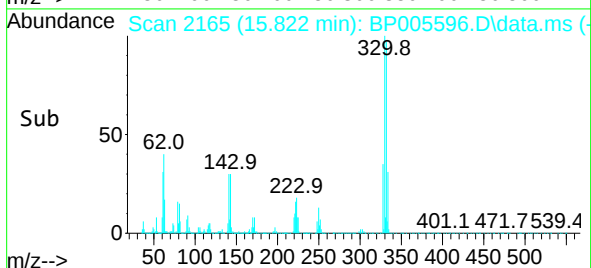
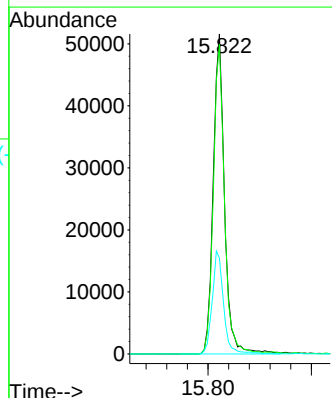
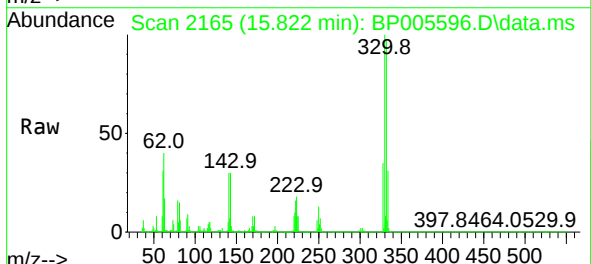
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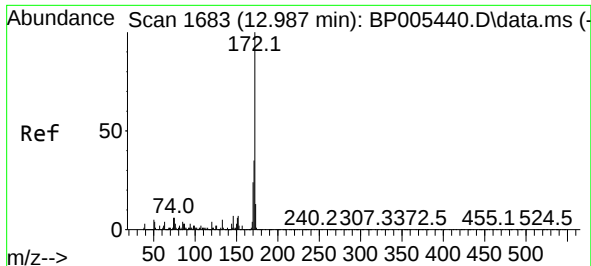
Tgt Ion:237	Resp:	11
Ion Ratio	Lower	Upper
237	100	
235	57.1	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 109.33 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

Tgt Ion:330	Resp:	78063
Ion Ratio	Lower	Upper
330	100	
332	95.6	76.3 114.5
141	32.2	22.8 34.2

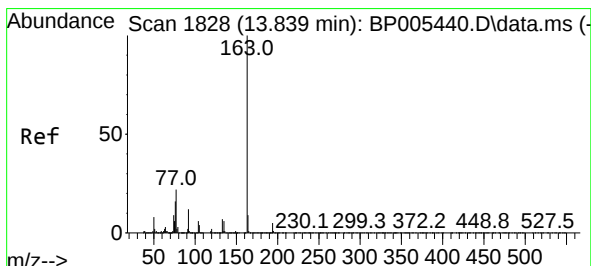
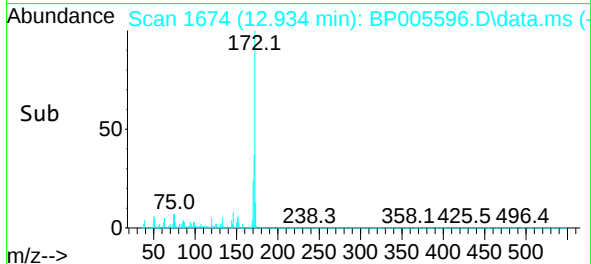
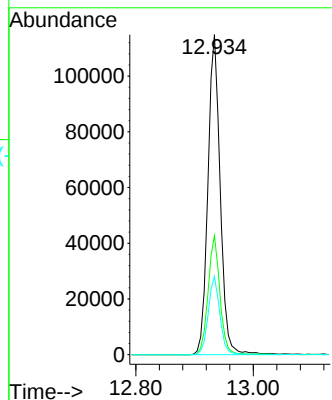
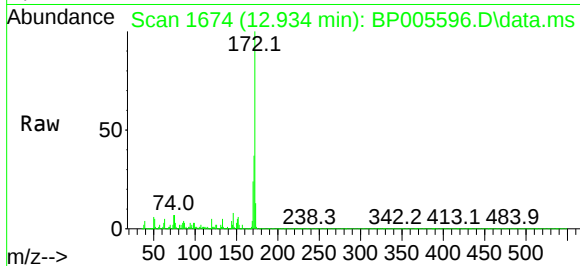




#45
2-Fluorobiphenyl
Concen: 74.77 ng
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

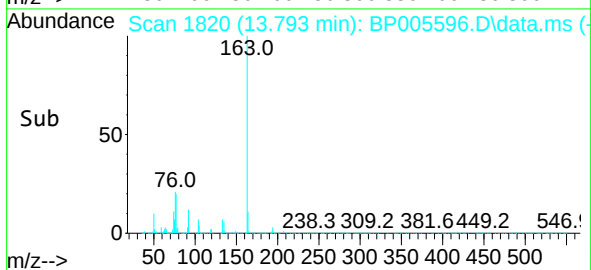
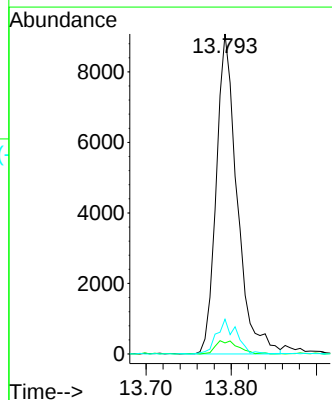
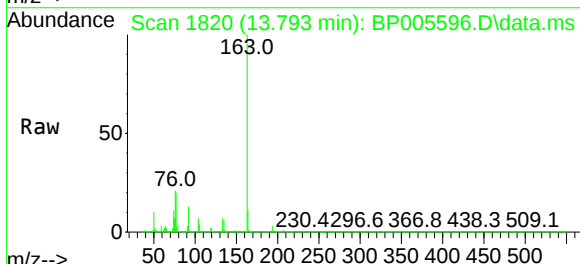
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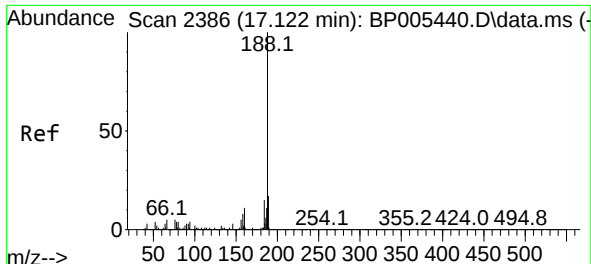
Tgt Ion:172 Resp: 166777
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 24.4 19.6 29.4



#50
Dimethylphthalate
Concen: 7.10 ng
RT: 13.793 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

Tgt Ion:163 Resp: 15432
Ion Ratio Lower Upper
163 100
194 3.4 3.9 5.9#
164 10.9 8.1 12.1

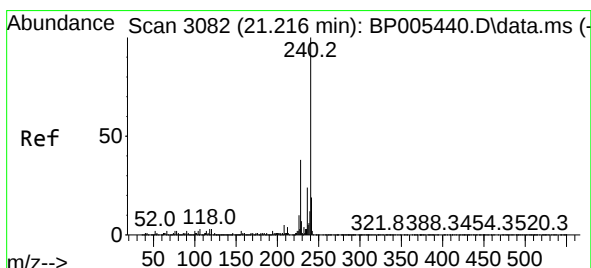
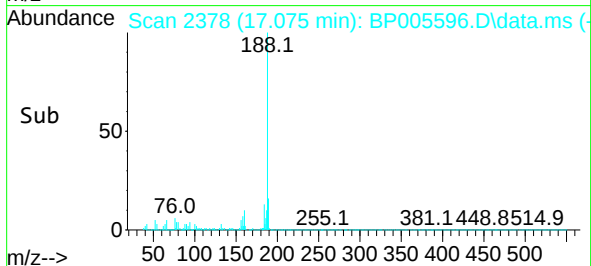
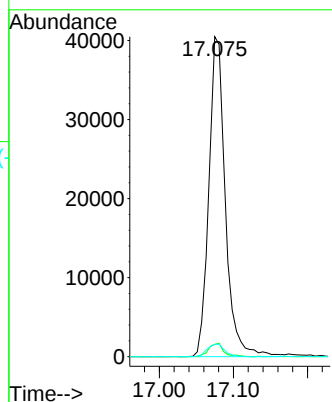
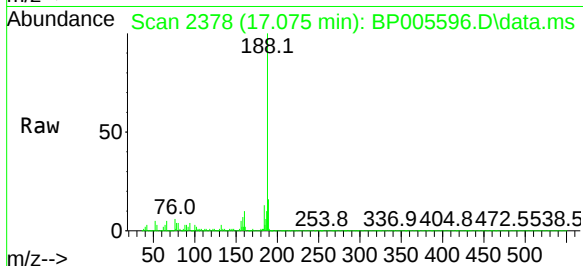




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

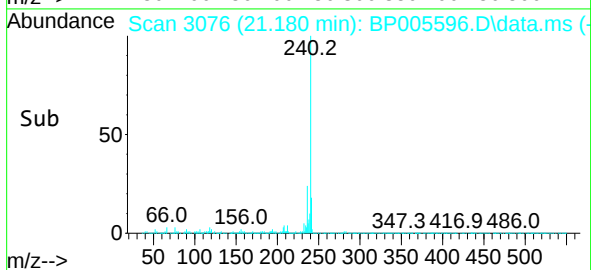
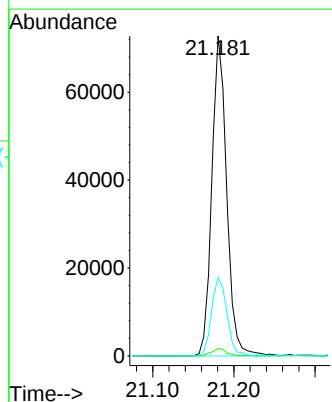
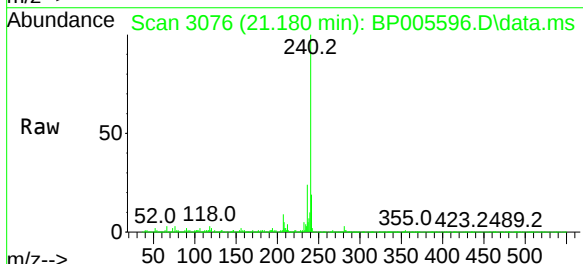
Instrument :
BNA_P
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COTTAGE-B

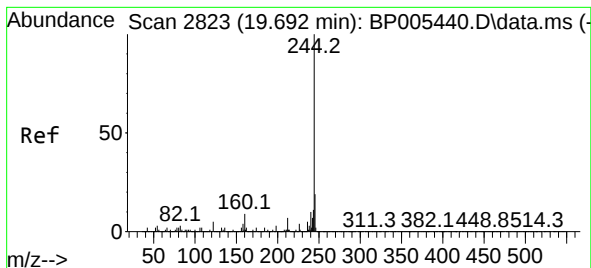
Tgt Ion:188 Resp: 62707
Ion Ratio Lower Upper
188 100
94 3.9 5.0 7.6#
80 3.8 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.180 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BP005596.D
Acq: 18 May 2021 12:46

Tgt Ion:240 Resp: 92349
Ion Ratio Lower Upper
240 100
120 2.3 4.2 6.2#
236 24.5 20.2 30.2





#79

Terphenyl-d14

Concen: 75.73 ng

RT: 19.651 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BP005596.D

Acq: 18 May 2021 12:46

Tgt Ion:244 Resp: 411785

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

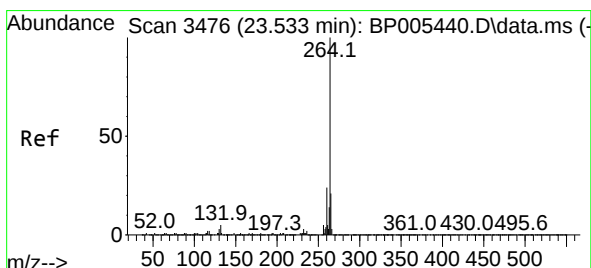
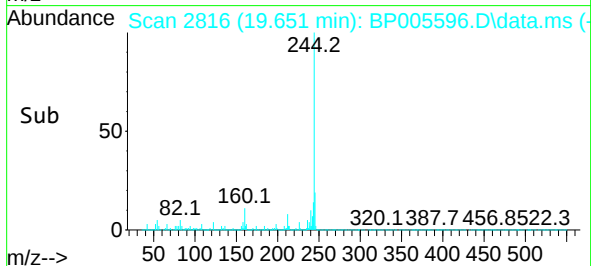
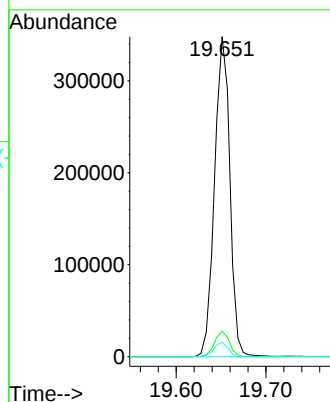
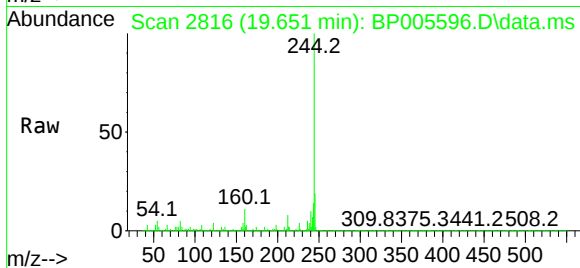
122 4.5 5.2 7.8#

Instrument :

BNA_P

ClientSampleId :

COTTAGE-B



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.480 min Scan# 3467

Delta R.T. 0.006 min

Lab File: BP005596.D

Acq: 18 May 2021 12:46

Tgt Ion:264 Resp: 105159

Ion Ratio Lower Upper

264 100

260 21.2 20.6 30.8

265 21.9 19.0 28.6

