

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
 Data File : BP005601.D
 Acq On : 18 May 2021 15:36
 Operator : CG/JU
 Sample : M2435-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COTTAGE-A

Quant Time: May 19 02:15:35 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)

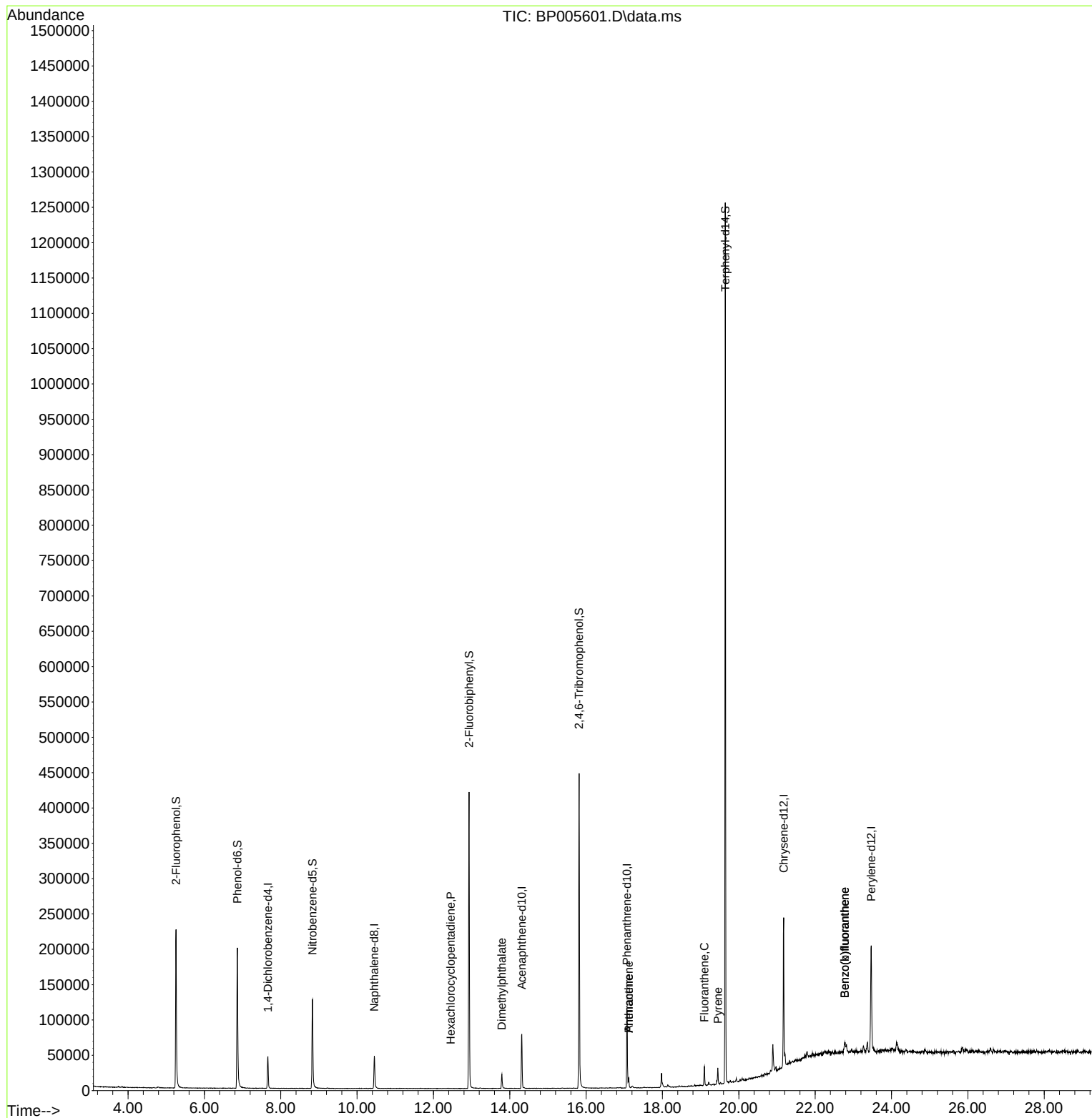
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	9257	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	29720	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	24062	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	62135	20.00	ng	# 0.00
76) Chrysene-d12	21.175	240	94657	20.00	ng	# 0.00
86) Perylene-d12	23.469	264	111600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	70743	146.66	ng	0.00
7) Phenol-d6	6.864	99	79904	132.85	ng	0.00
23) Nitrobenzene-d5	8.834	82	65830	87.18	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	84674	124.01	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	175128	82.10	ng	0.00
79) Terphenyl-d14	19.645	244	469108	84.16	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.134	88	86	Below Cal	#	56
9) Benzaldehyde	6.858	77	389	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.451	237	5	7.88	ng	78
50) Dimethylphthalate	13.793	163	13014	6.27	ng	98
71) Phenanthrene	17.116	178	7775	2.20	ng	99
72) Anthracene	17.116	178	7775	2.22	ng	99
75) Fluoranthene	19.098	202	15481	3.19	ng	97
78) Pyrene	19.451	202	13335	2.49	ng	95
88) Benzo(b)fluoranthene	22.774	252	14880	2.00	ng	97
89) Benzo(k)fluoranthene	22.774	252	14880	2.05	ng	# 99

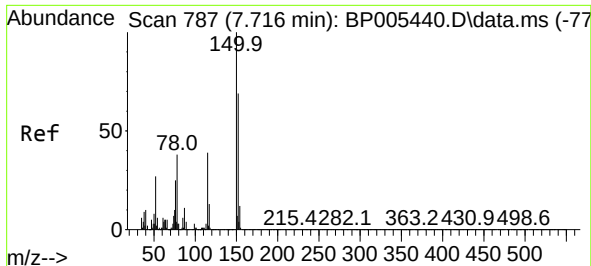
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
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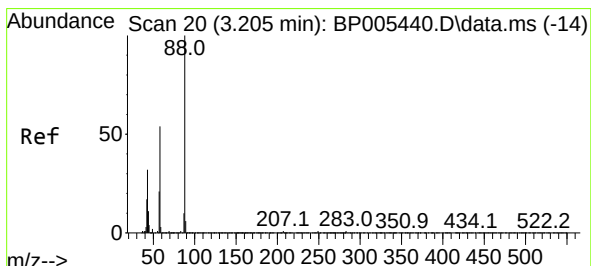
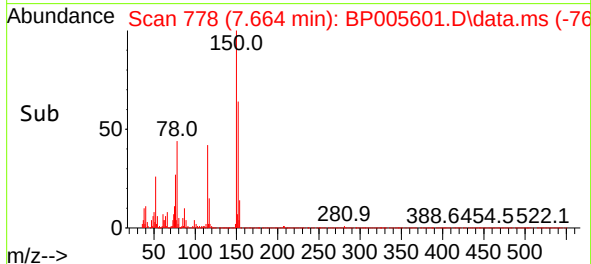
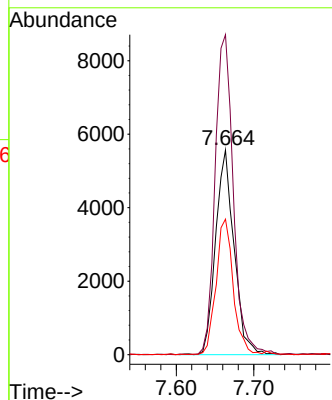
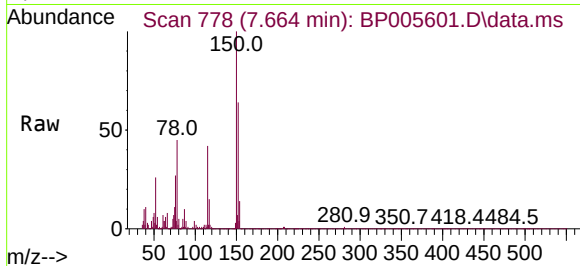




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

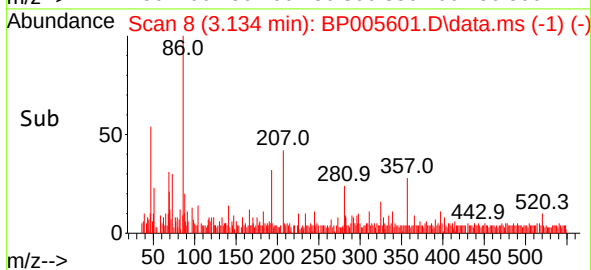
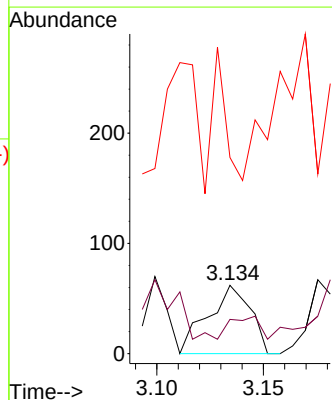
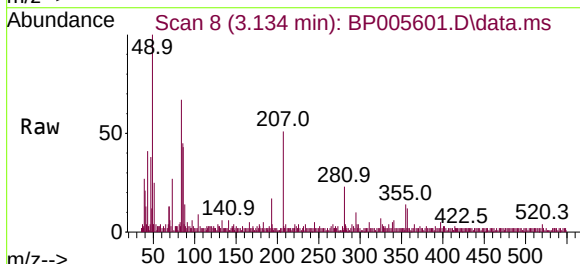
Instrument :
BNA_P
ClientSampleId :
COTTAGE-A

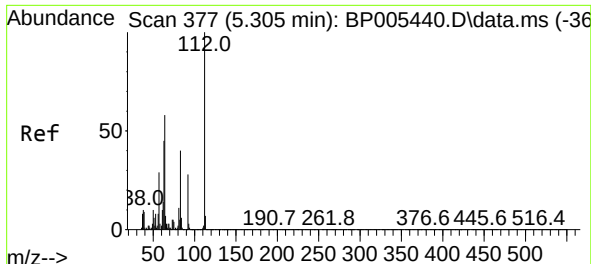
Tgt Ion:152 Resp: 9257
Ion Ratio Lower Upper
152 100
150 156.4 119.8 179.8
115 66.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.134 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
58 23.3 42.5 63.7#
43 0.0 19.8 29.8#

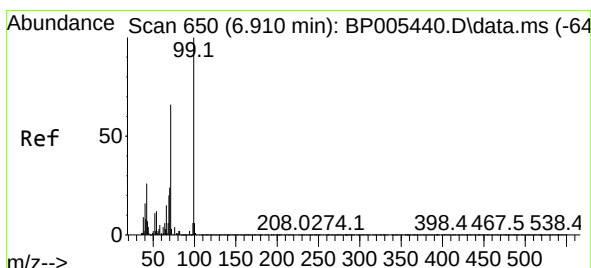
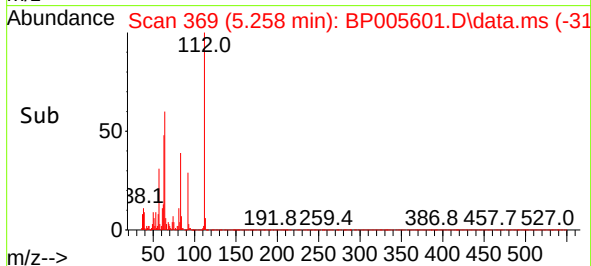
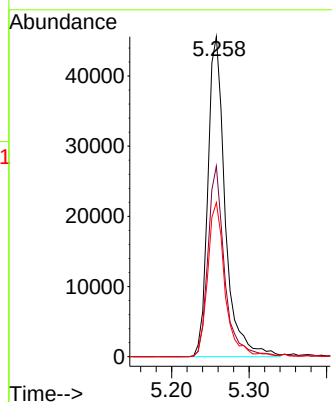
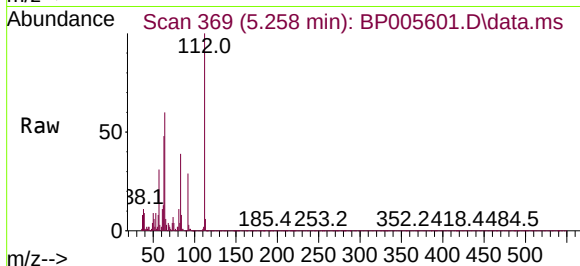




#5
2-Fluorophenol
Concen: 146.66 ng
RT: 5.258 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

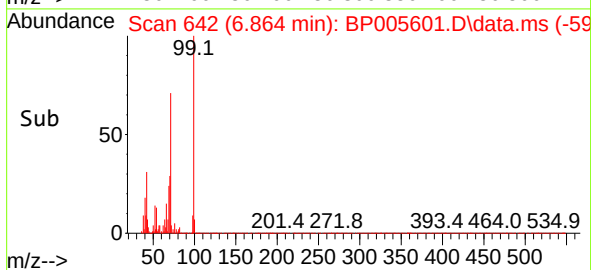
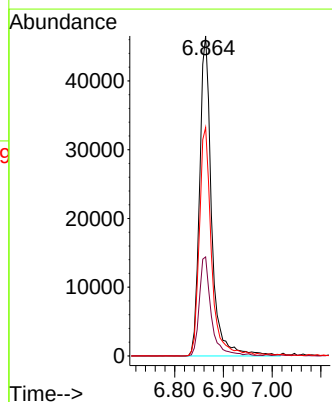
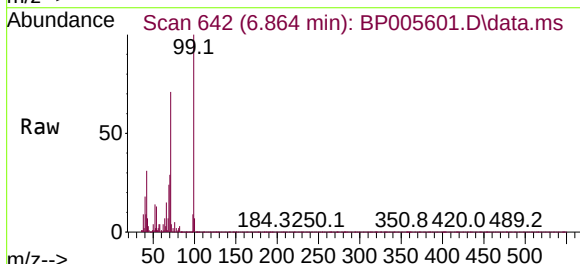
Instrument :
BNA_P
ClientSampleId :
COTTAGE-A

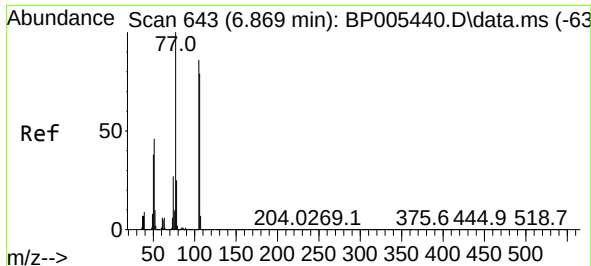
Tgt Ion:112 Resp: 70743
Ion Ratio Lower Upper
112 100
64 59.6 33.6 50.4#
63 48.1 18.6 27.8#



#7
Phenol-d6
Concen: 132.85 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion: 99 Resp: 79904
Ion Ratio Lower Upper
99 100
42 30.9 12.9 19.3#
71 71.4 26.7 40.1#

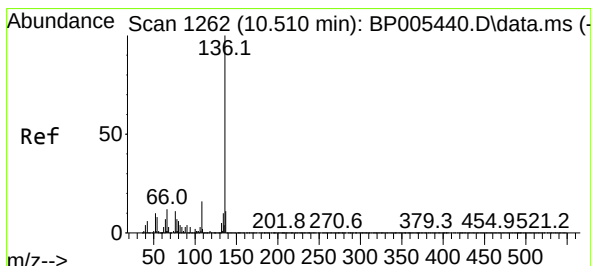
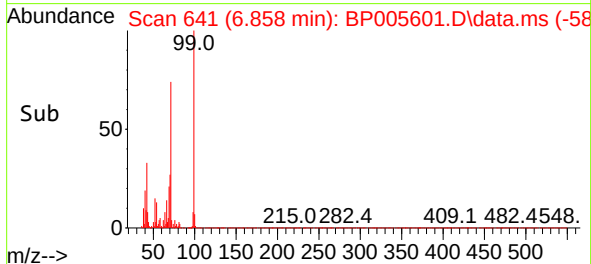
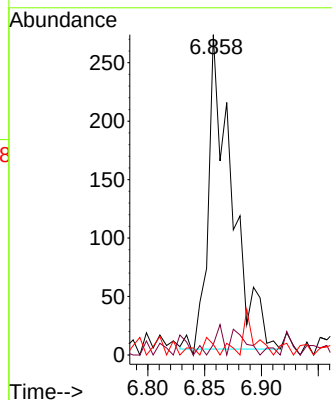
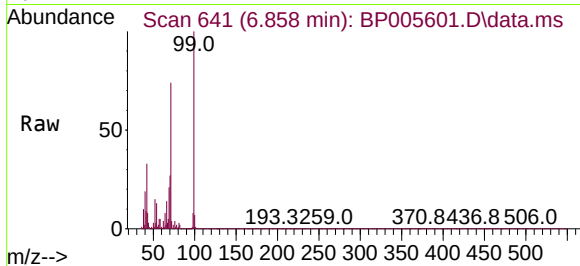




#9
Benzaldehyde
Concen: Below Cal
RT: 6.858 min Scan# 641
Delta R.T. 0.041 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

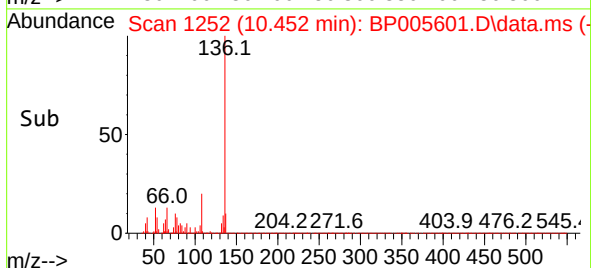
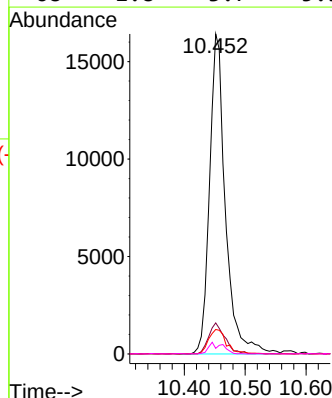
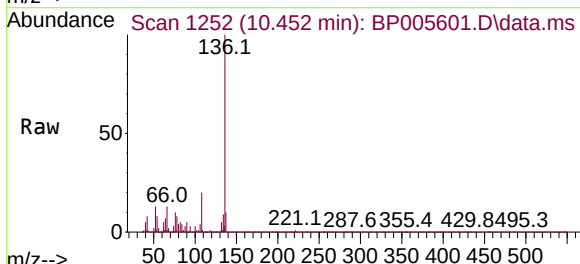
Instrument :
BNA_P
ClientSampleId :
COTTAGE-A

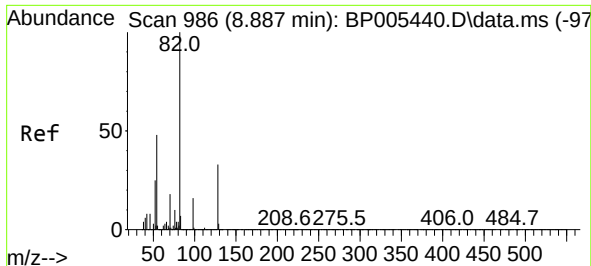
Tgt Ion: 77 Resp: 389
Ion Ratio Lower Upper
77 100
105 3.3 89.4 129.4#
106 3.3 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion: 136 Resp: 29720
Ion Ratio Lower Upper
136 100
137 9.7 8.9 13.3
54 7.6 5.0 7.4#
68 1.8 3.7 5.5#

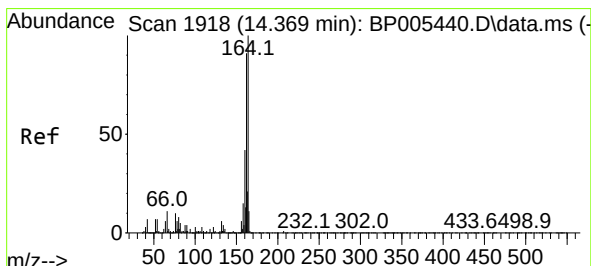
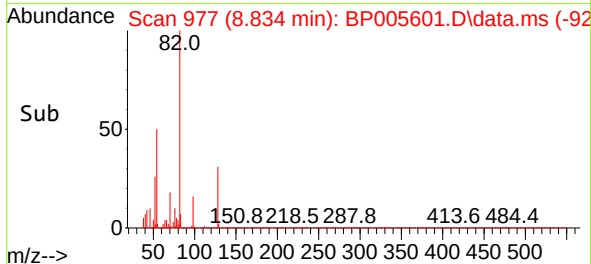
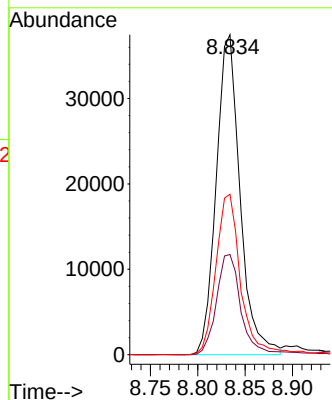
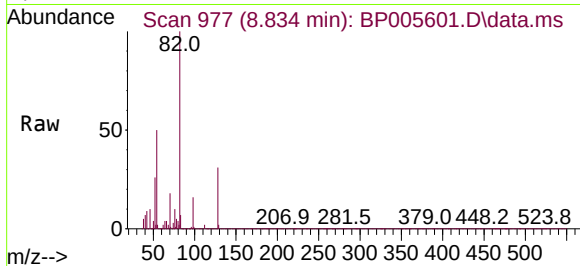




#23
Nitrobenzene-d5
Concen: 87.18 ng
RT: 8.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

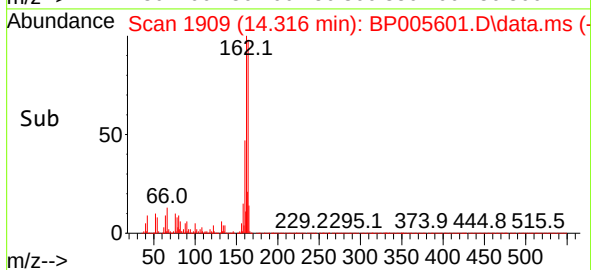
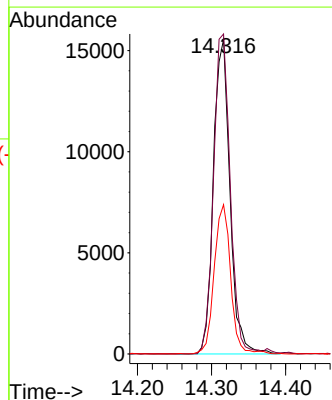
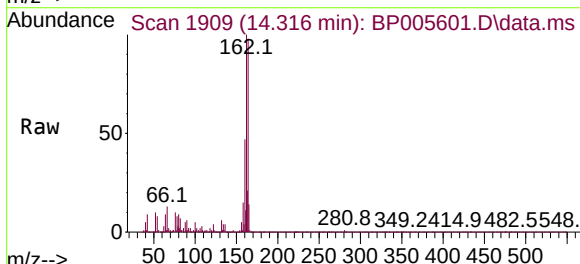
Instrument :
BNA_P
ClientSampleId :
COTTAGE-A

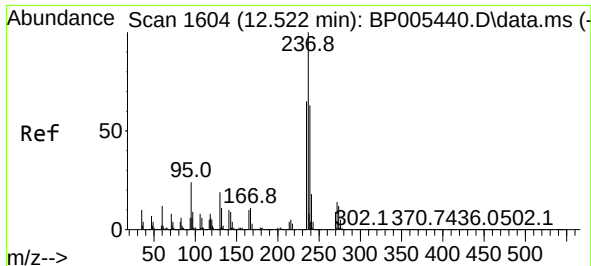
Tgt Ion: 82 Resp: 65830
Ion Ratio Lower Upper
82 100
128 31.3 30.5 45.7
54 50.2 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion: 164 Resp: 24062
Ion Ratio Lower Upper
164 100
162 101.7 73.5 110.3
160 47.5 40.6 61.0

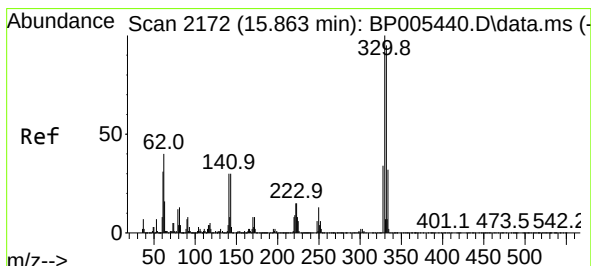
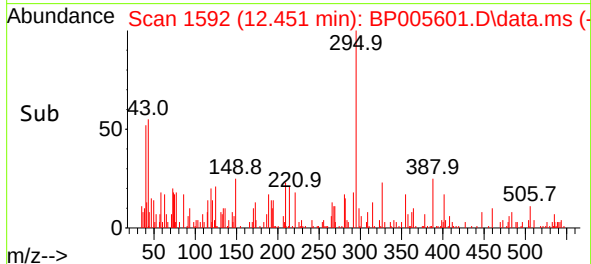
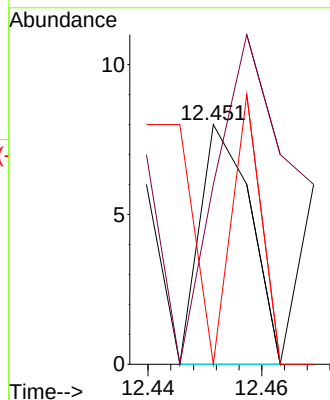
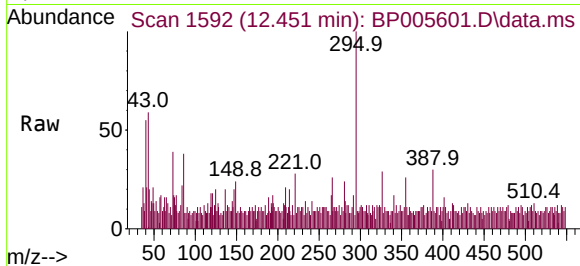




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

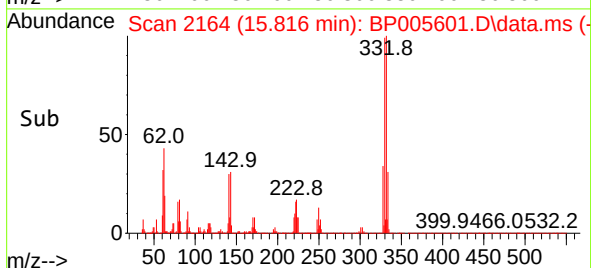
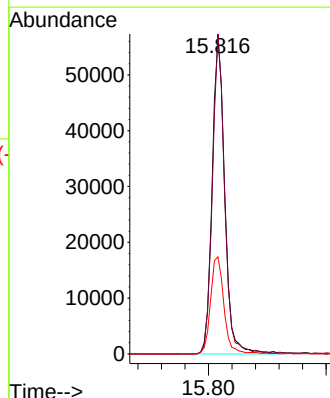
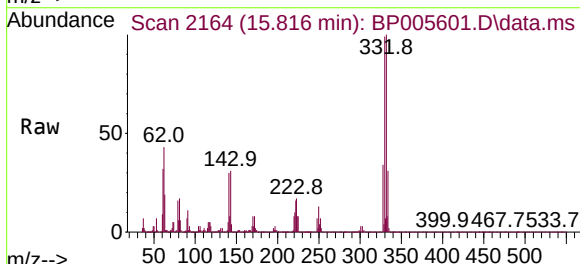
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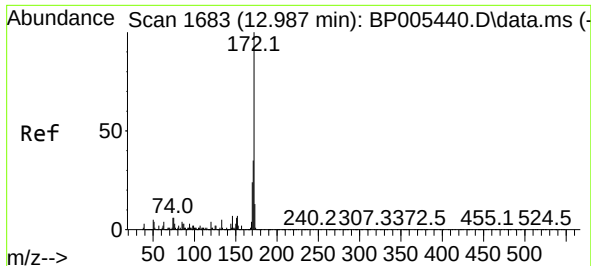
Tgt Ion:	237	Resp:	5
Ion Ratio	Lower	Upper	
237	100		
235	75.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 124.01 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion:	330	Resp:	84674
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.3	114.5
141	32.6	22.8	34.2

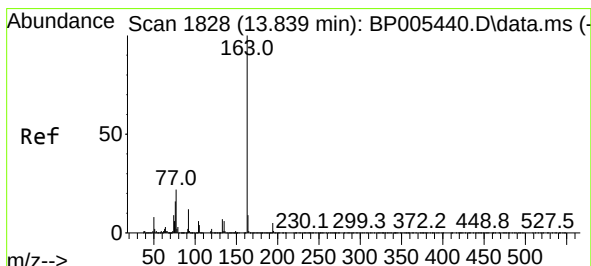
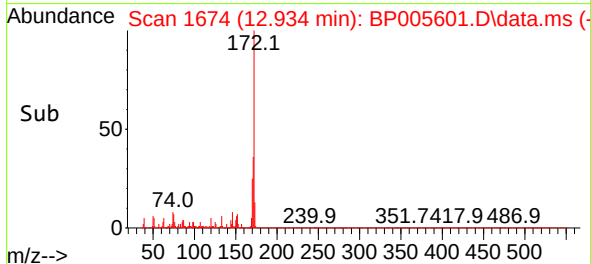
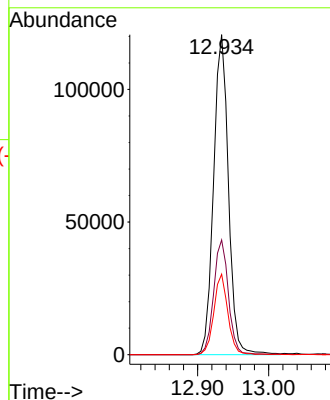
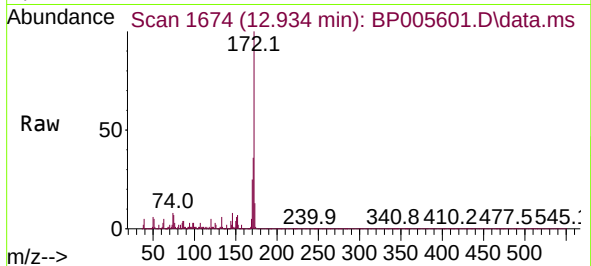




#45
2-Fluorobiphenyl
Concen: 82.10 ng
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

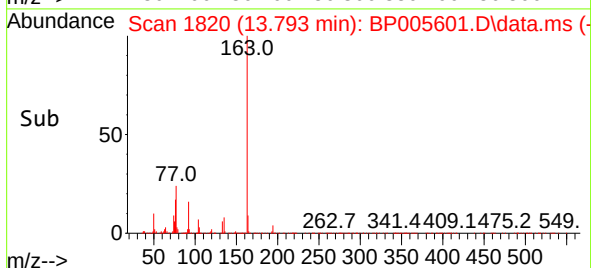
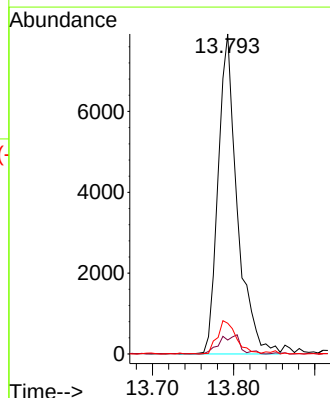
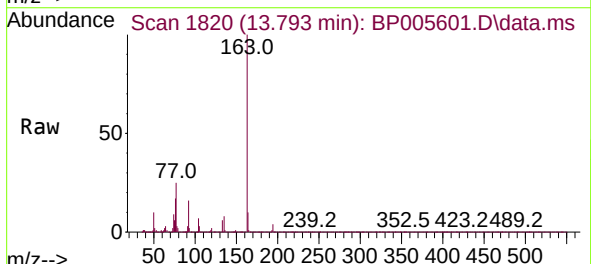
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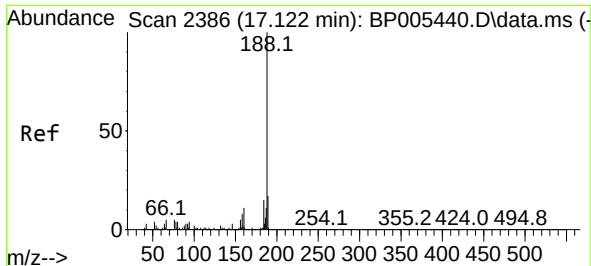
Tgt Ion:172	Resp:	175128
Ion Ratio	Lower	Upper
172	100	
171	35.8	28.1 42.1
170	25.2	19.6 29.4



#50
Dimethylphthalate
Concen: 6.27 ng
RT: 13.793 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion:163	Resp:	13014
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.9 5.9
164	9.6	8.1 12.1

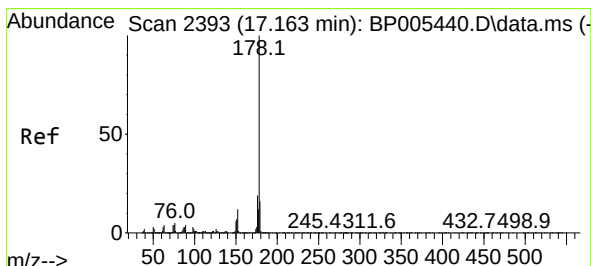
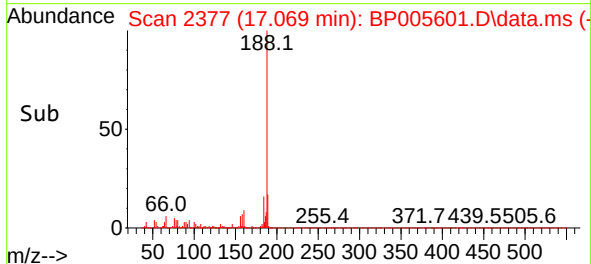
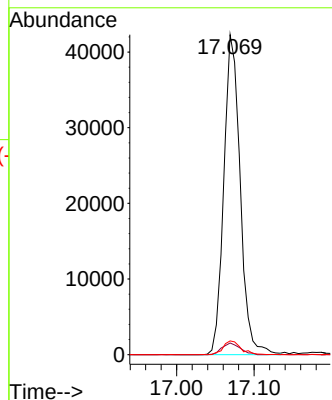
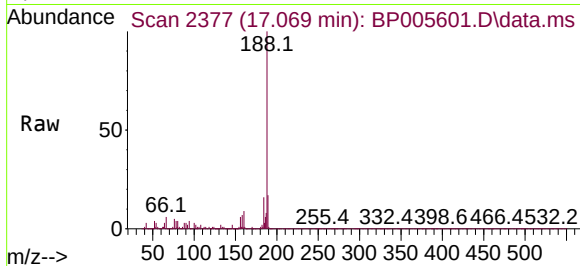




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

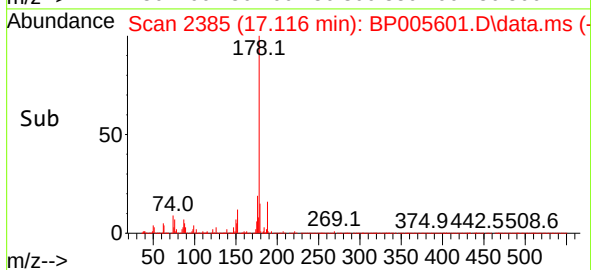
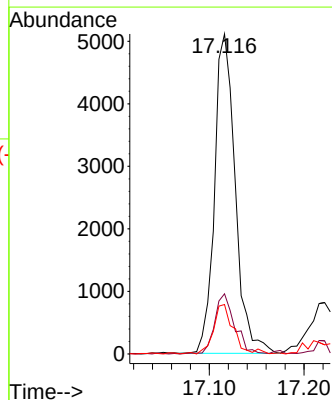
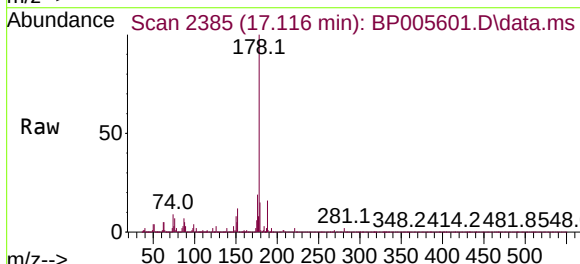
Instrument :
BNA_P
ClientSampleId :
COTTAGE-A

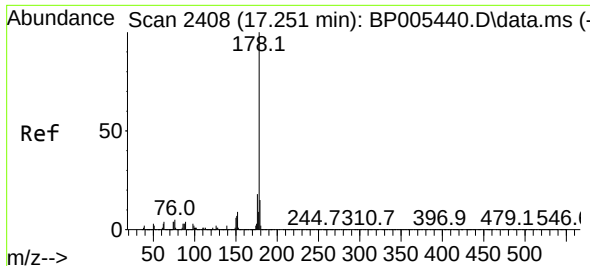
Tgt Ion:188	Resp:	62135
Ion Ratio	Lower	Upper
188	100	
94	3.7	5.0 7.6#
80	4.3	5.9 8.9#



#71
Phenanthrene
Concen: 2.20 ng
RT: 17.116 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion:178	Resp:	7775
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.4 23.2
179	15.4	12.3 18.5

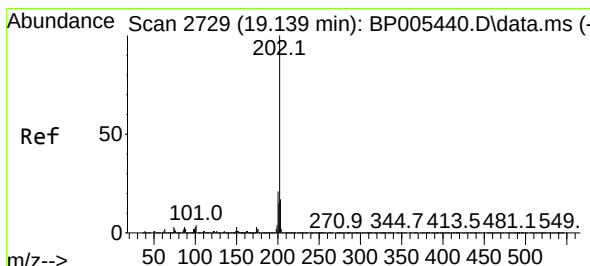
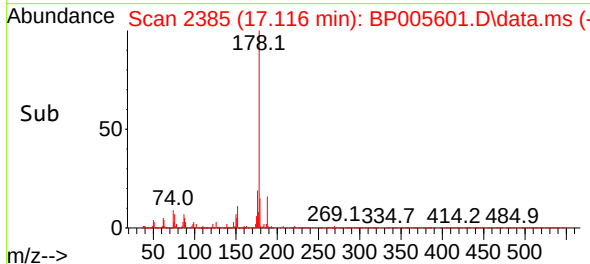
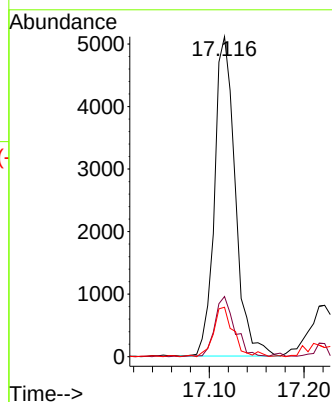
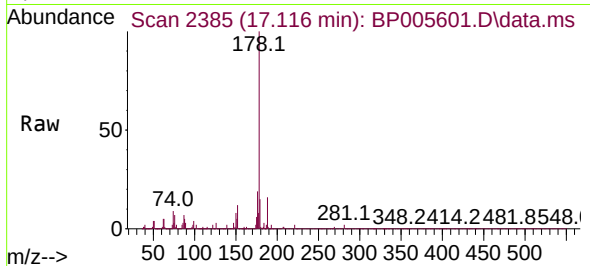




#72
 Anthracene
 Concen: 2.22 ng
 RT: 17.116 min Scan# 2385
 Delta R.T. -0.094 min
 Lab File: BP005601.D
 Acq: 18 May 2021 15:36

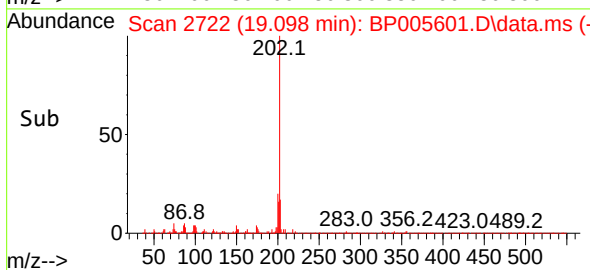
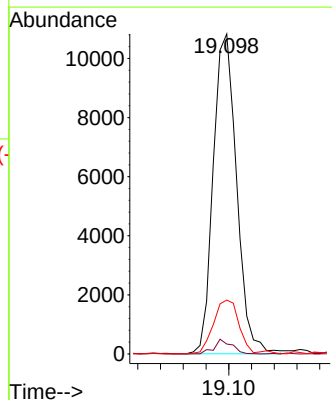
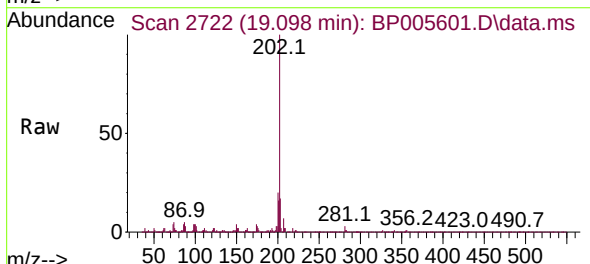
Instrument :
 BNA_P
 ClientSampleId :
 COTTAGE-A

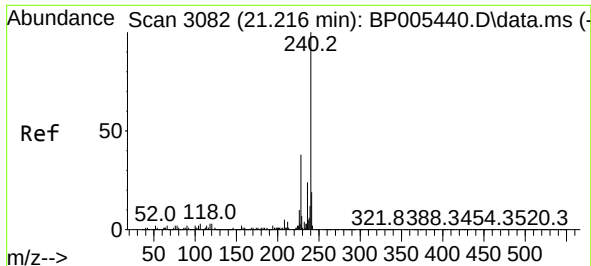
Tgt Ion:178	Resp:	7775
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.2 22.8
179	15.4	12.6 19.0



#75
 Fluoranthene
 Concen: 3.19 ng
 RT: 19.098 min Scan# 2722
 Delta R.T. 0.000 min
 Lab File: BP005601.D
 Acq: 18 May 2021 15:36

Tgt Ion:202	Resp:	15481
Ion Ratio	Lower	Upper
202	100	
101	3.1	0.0 26.1
203	16.9	0.0 37.2

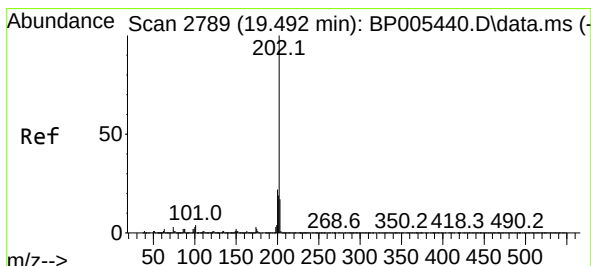
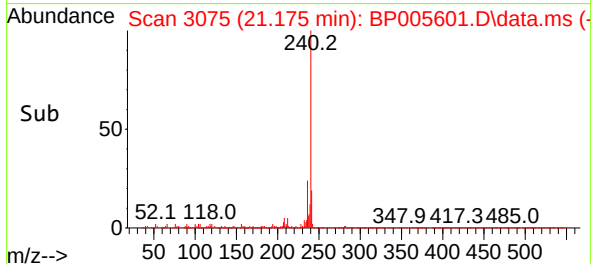
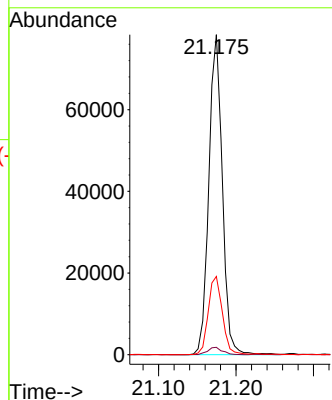
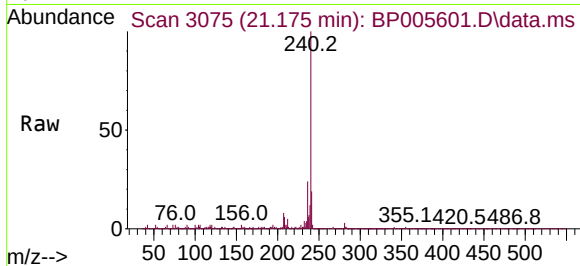




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

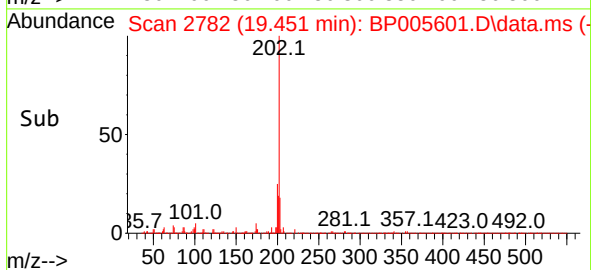
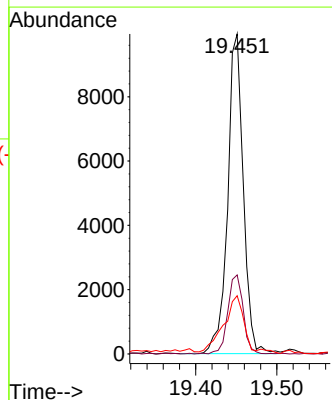
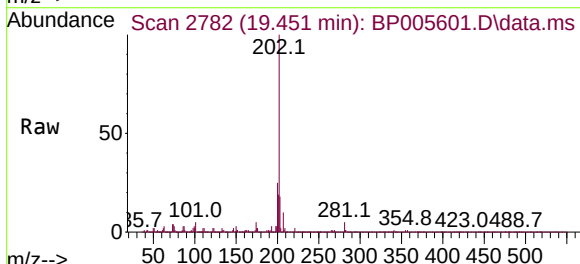
Instrument :
BNA_P
ClientSampleId :
COTTAGE-A

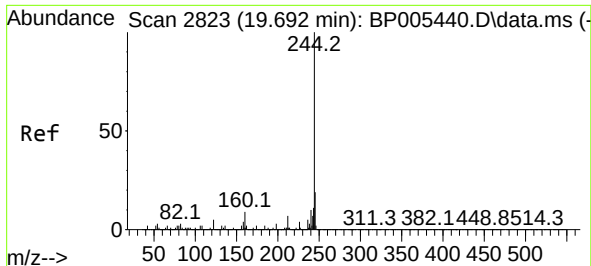
Tgt Ion:240 Resp: 94657
Ion Ratio Lower Upper
240 100
120 2.3 4.2 6.2#
236 24.5 20.2 30.2



#78
Pyrene
Concen: 2.49 ng
RT: 19.451 min Scan# 2782
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion:202 Resp: 13335
Ion Ratio Lower Upper
202 100
200 24.7 16.9 25.3
203 18.2 13.8 20.6

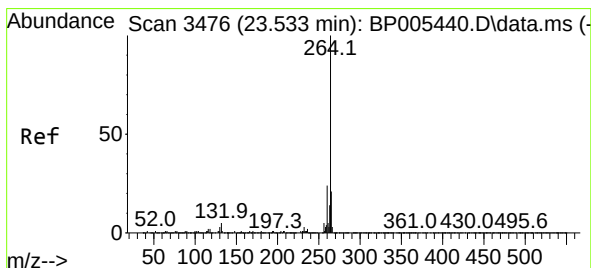
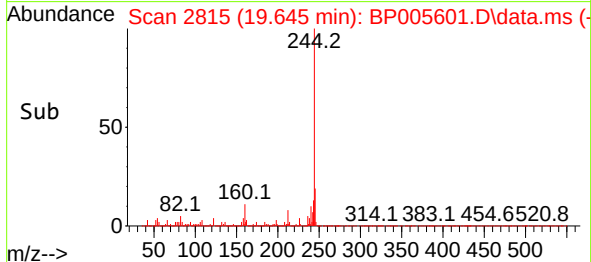
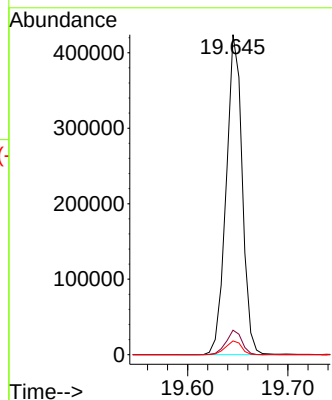
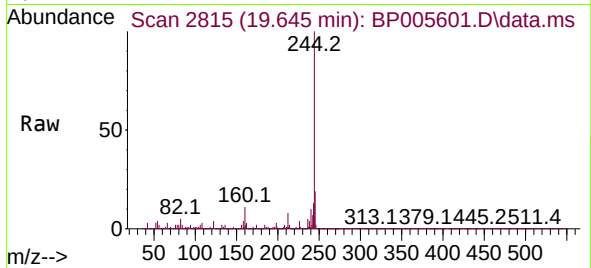




#79
Terphenyl-d14
Concen: 84.16 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

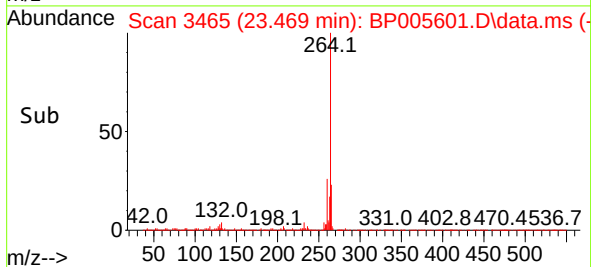
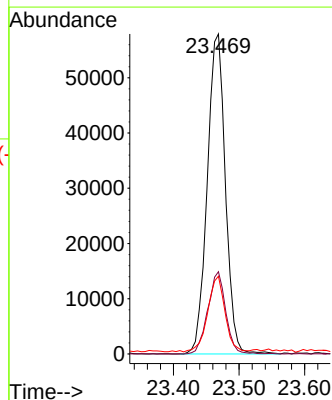
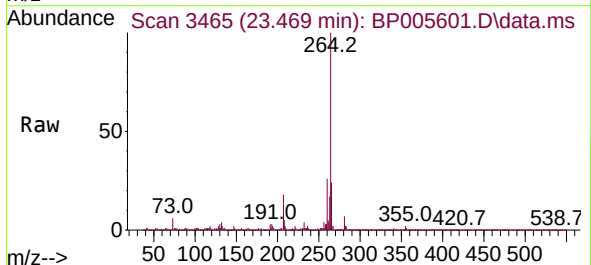
Instrument :
BNA_P
ClientSampleId :
COTTAGE-A

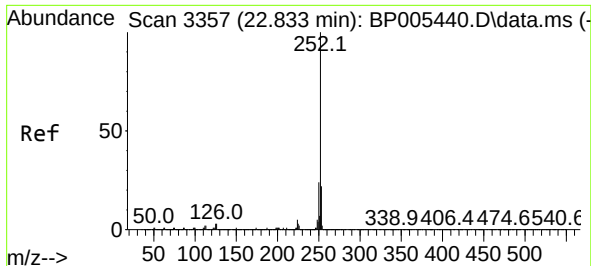
Tgt Ion:244 Resp: 469108
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 4.3 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.469 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion:264 Resp: 111600
Ion Ratio Lower Upper
264 100
260 25.7 20.6 30.8
265 24.3 19.0 28.6

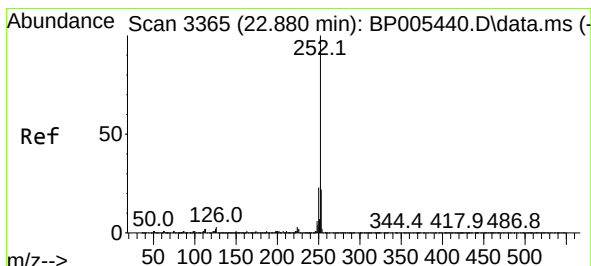
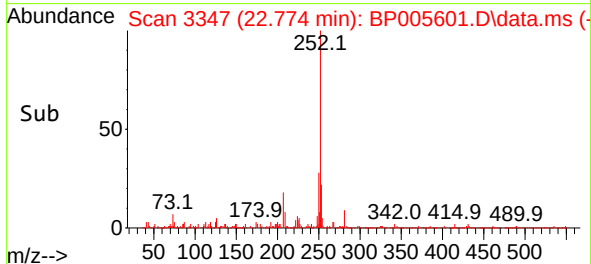
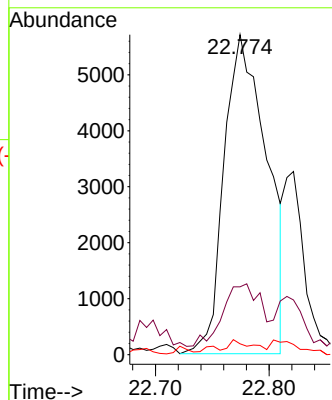
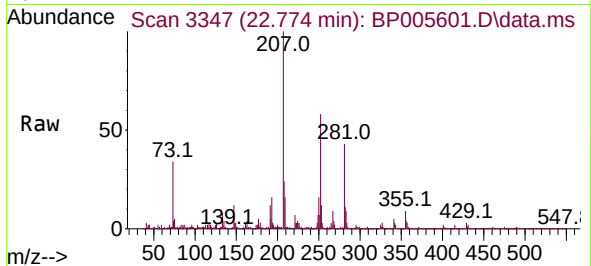




#88
Benzo(b)fluoranthene
Concen: 2.00 ng
RT: 22.774 min Scan# 3347
Delta R.T. 0.000 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Instrument :
BNA_P
ClientSampleId :
COTTAGE-A

Tgt Ion:252 Resp: 14880
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.2
125 3.4 3.4 5.0



#89
Benzo(k)fluoranthene
Concen: 2.05 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.047 min
Lab File: BP005601.D
Acq: 18 May 2021 15:36

Tgt Ion:252 Resp: 14880
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 3.4 3.8 5.6#

