

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005556.D
 Acq On : 14 May 2021 19:16
 Operator : CG/JU
 Sample : M2389-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BURNETT-AVE-4-6

Quant Time: May 14 22:56:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

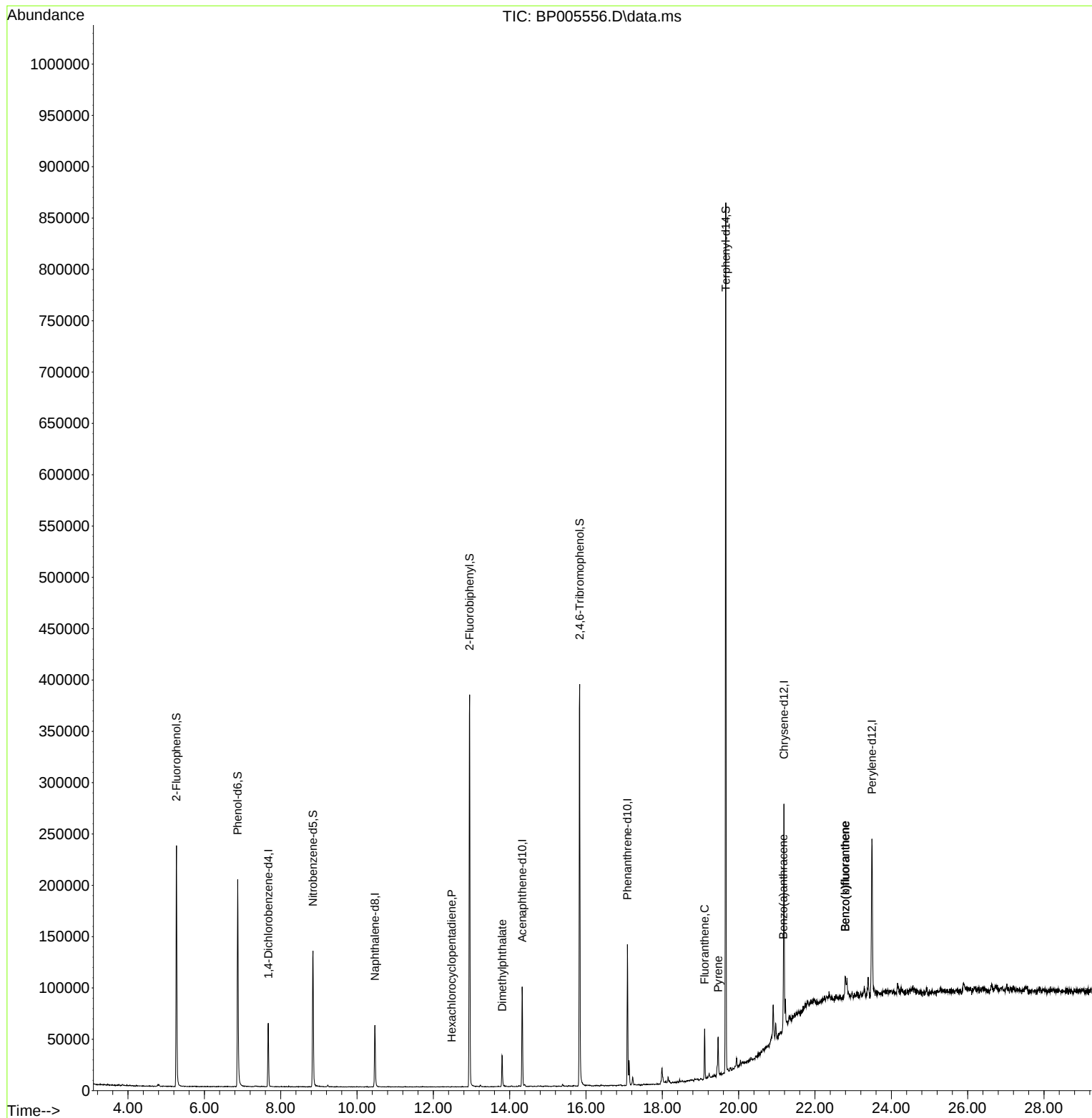
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	13368	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	39234	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	30425	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	71450	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	96923	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	118753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	72552	104.16	ng	0.00
7) Phenol-d6	6.875	99	82606	95.10	ng	0.00
23) Nitrobenzene-d5	8.846	82	69424	69.65	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	77251	89.48	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	170134	63.08	ng	0.00
79) Terphenyl-d14	19.663	244	355983	62.37	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	86	Below Cal	#	53
9) Benzaldehyde	6.810	77	18	Below Cal	#	38
41) Hexachlorocyclopentadiene	12.481	237	9	7.89	ng	# 1
50) Dimethylphthalate	13.804	163	18570	7.07	ng	# 98
75) Fluoranthene	19.110	202	27187	4.87	ng	99
78) Pyrene	19.463	202	22588	4.12	ng	98
81) Benzo(a)anthracene	21.168	228	15153	2.41	ng	95
88) Benzo(b)fluoranthene	22.792	252	18413	2.33	ng	# 85
89) Benzo(k)fluoranthene	22.792	252	18413	2.38	ng	# 83

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

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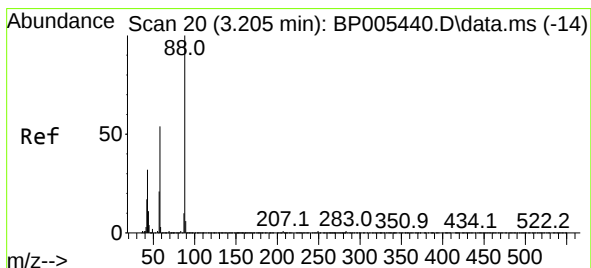
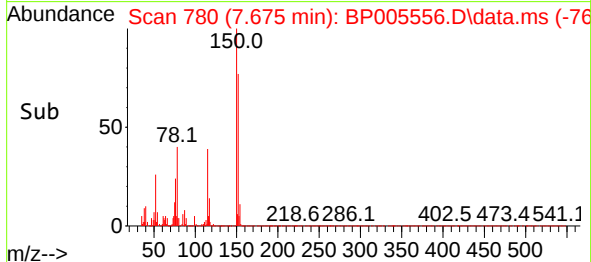
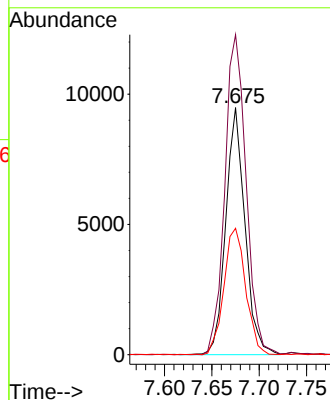
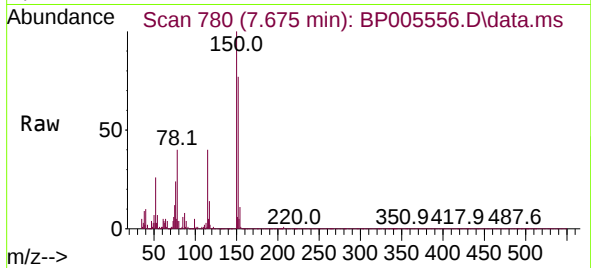




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

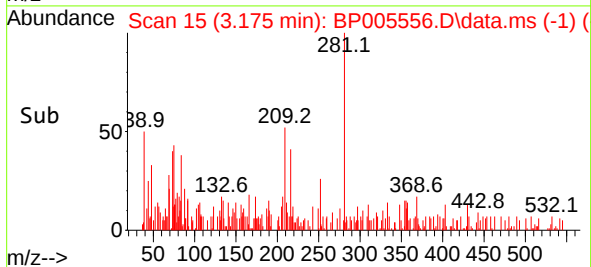
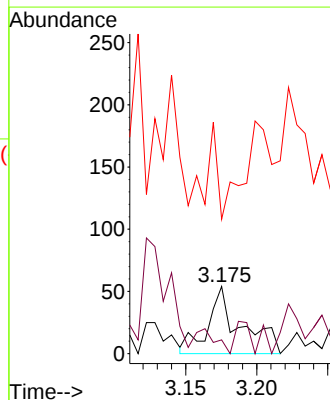
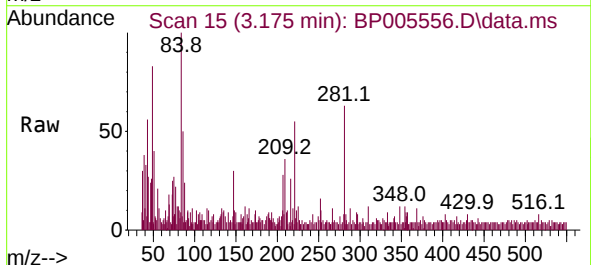
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-4-6

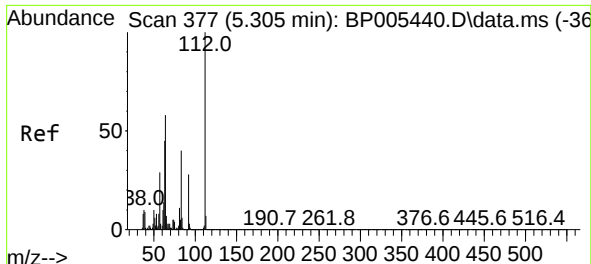
Tgt Ion:152 Resp: 13368
Ion Ratio Lower Upper
152 100
150 129.5 119.8 179.8
115 51.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.175 min Scan# 15
Delta R.T. 0.018 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
58 20.9 42.5 63.7#
43 0.0 19.8 29.8#

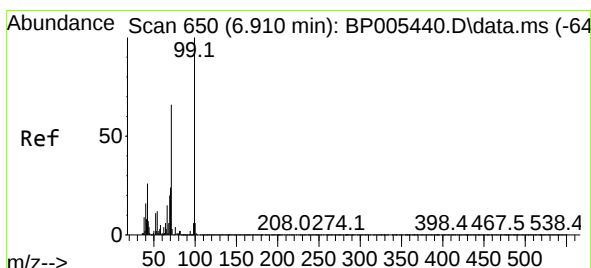
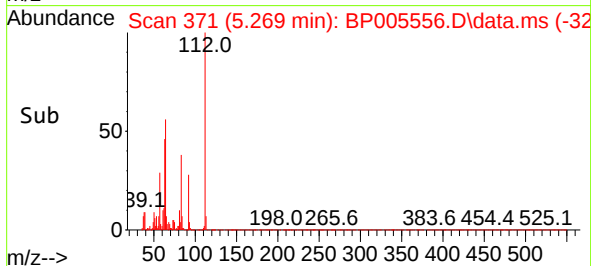
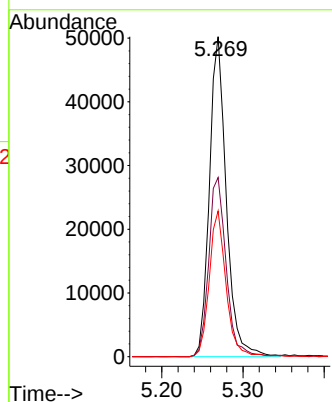
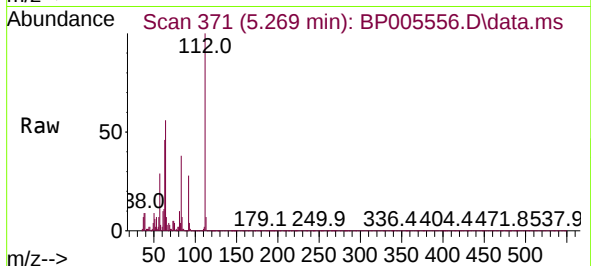




#5
2-Fluorophenol
Concen: 104.16 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

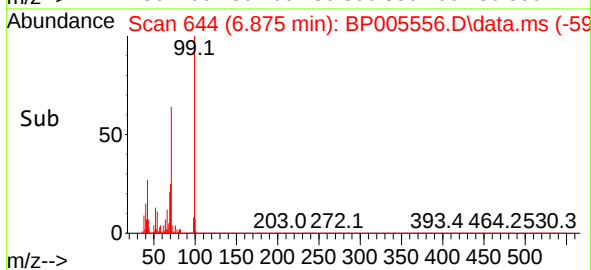
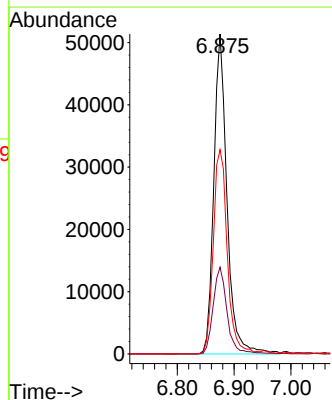
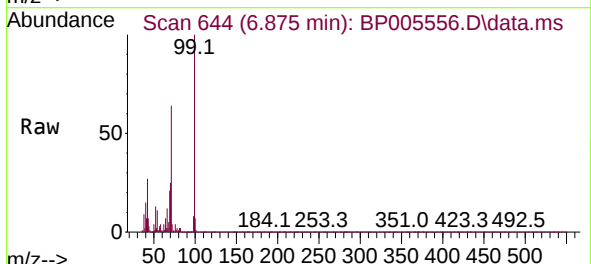
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-4-6

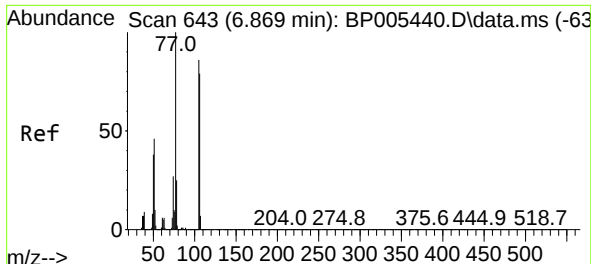
Tgt Ion:112 Resp: 72552
Ion Ratio Lower Upper
112 100
64 56.0 33.6 50.4#
63 45.5 18.6 27.8#



#7
Phenol-d6
Concen: 95.10 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion: 99 Resp: 82606
Ion Ratio Lower Upper
99 100
42 27.1 12.9 19.3#
71 63.8 26.7 40.1#

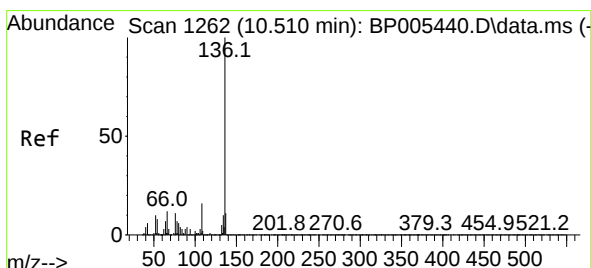
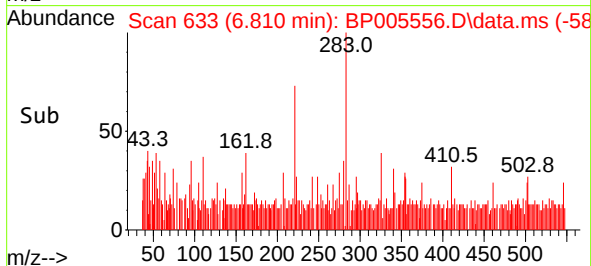
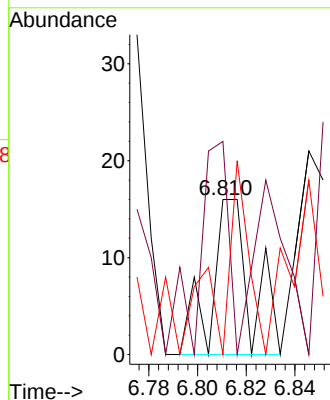
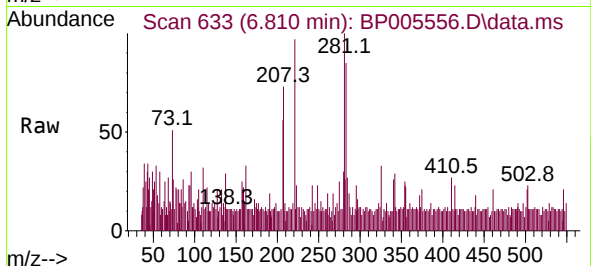




#9
Benzaldehyde
Concen: Below Cal
RT: 6.810 min Scan# 633
Delta R.T. -0.018 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

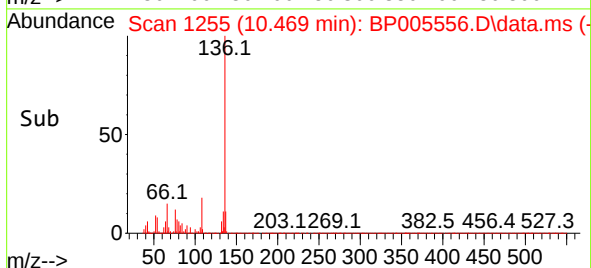
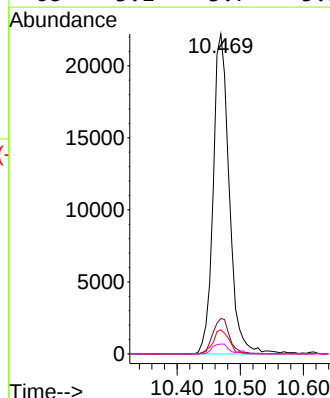
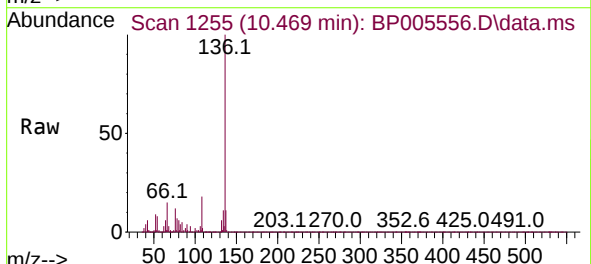
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-4-6

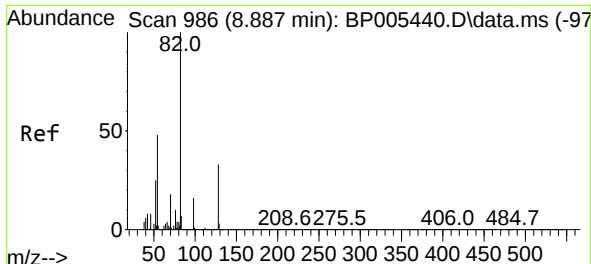
Tgt Ion: 77 Resp: 18
Ion Ratio Lower Upper
77 100
105 137.5 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion: 136 Resp: 39234
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 5.0 7.4#
68 3.1 3.7 5.5#

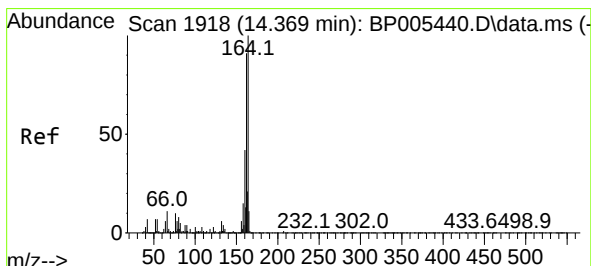
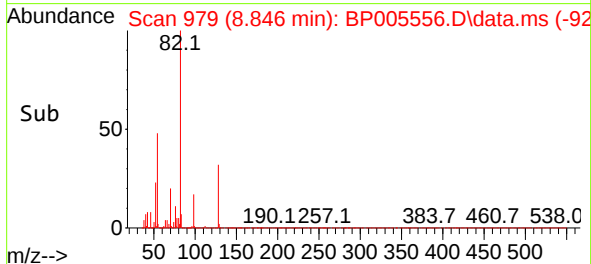
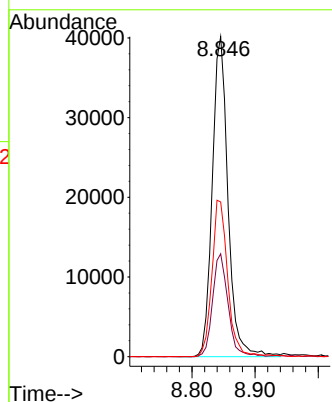
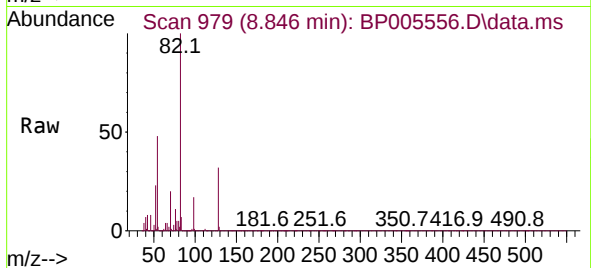




#23
Nitrobenzene-d5
Concen: 69.65 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

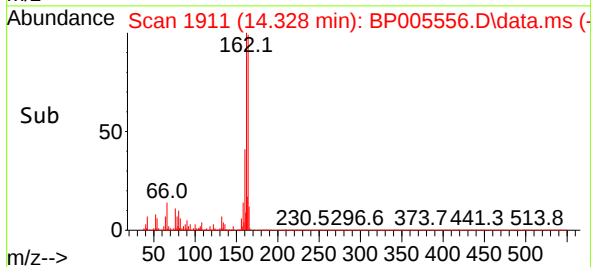
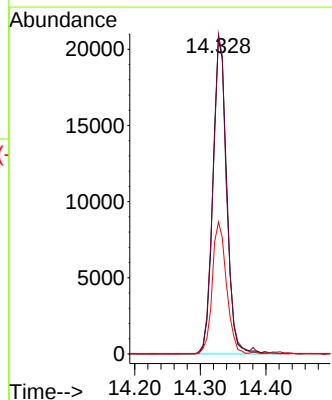
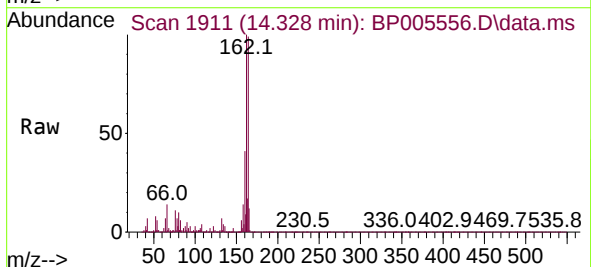
Instrument :
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ClientSampleId :
BURNETT-AVE-4-6

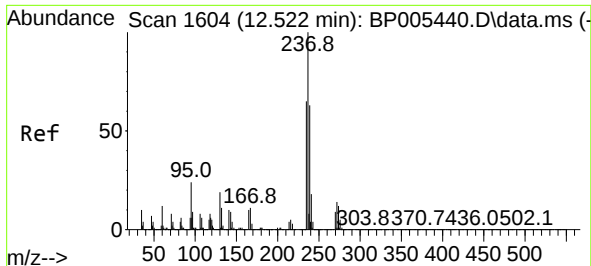
Tgt Ion: 82 Resp: 69424
Ion Ratio Lower Upper
82 100
128 32.1 30.5 45.7
54 48.3 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion: 164 Resp: 30425
Ion Ratio Lower Upper
164 100
162 101.4 73.5 110.3
160 41.8 40.6 61.0

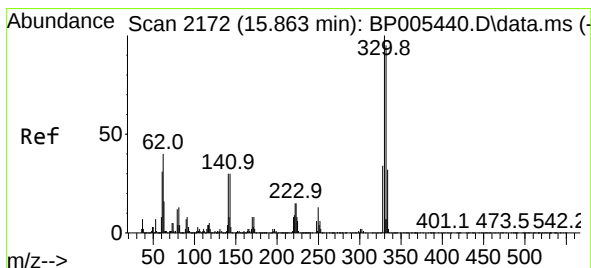
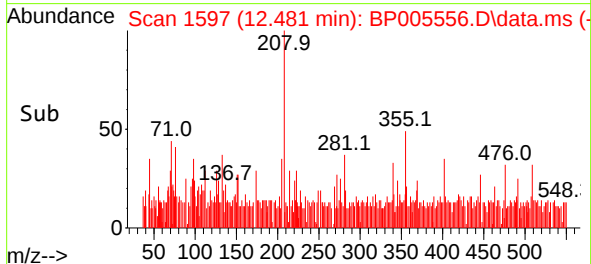
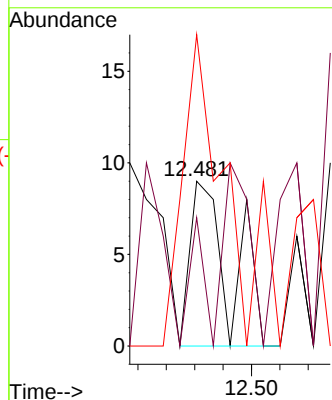
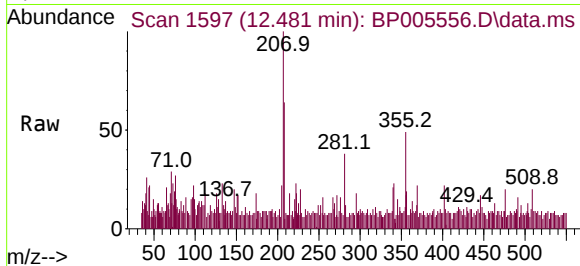




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.481 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

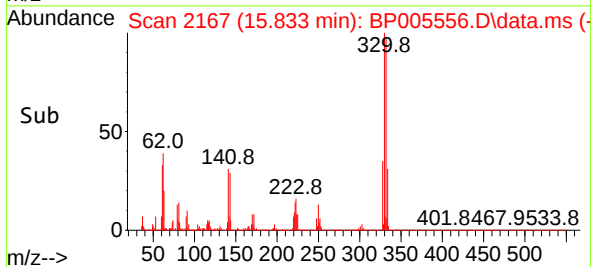
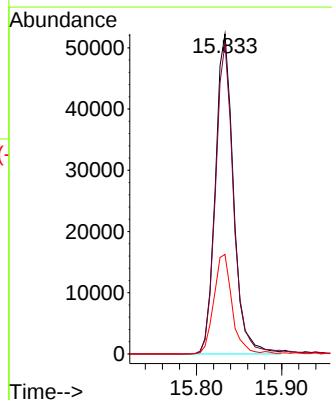
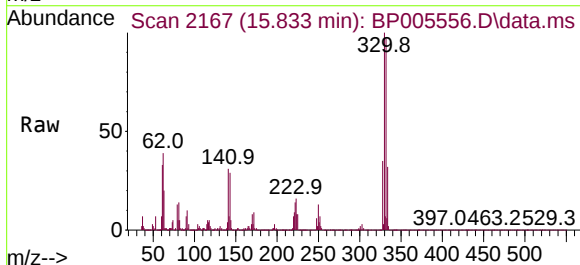
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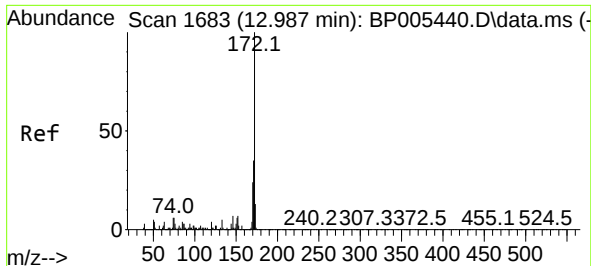
Tgt Ion:237	Resp:	9
Ion Ratio	Lower	Upper
237	100	
235	77.8	40.9 80.9
272	188.9	0.0 34.6#



#42
2,4,6-Tribromophenol
Concen: 89.48 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion:330	Resp:	77251
Ion Ratio	Lower	Upper
330	100	
332	97.1	76.3 114.5
141	31.6	22.8 34.2

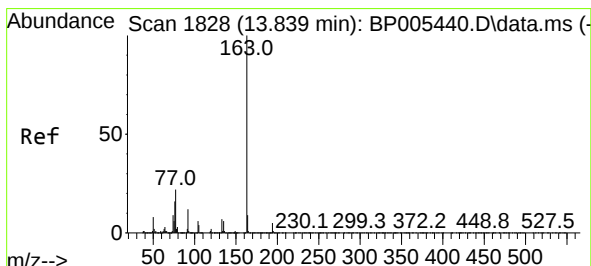
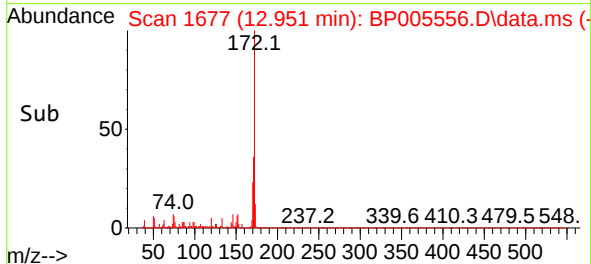
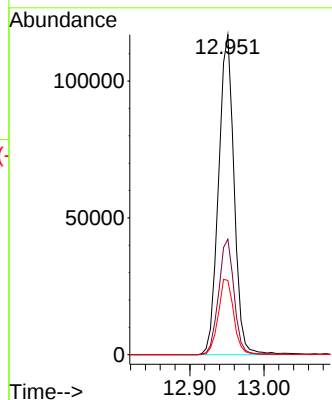
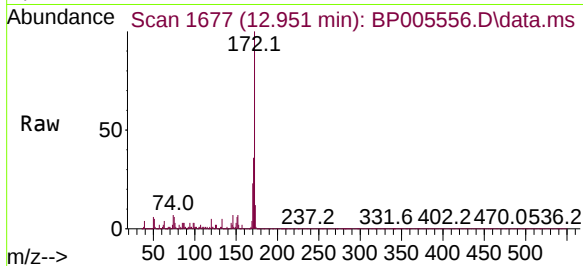




#45
2-Fluorobiphenyl
Concen: 63.08 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

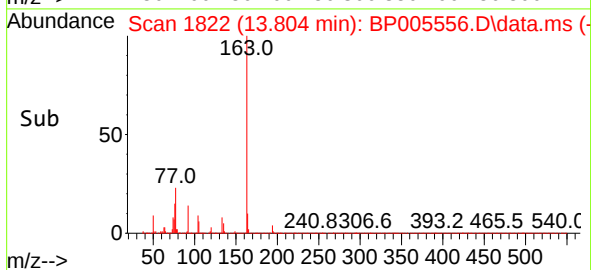
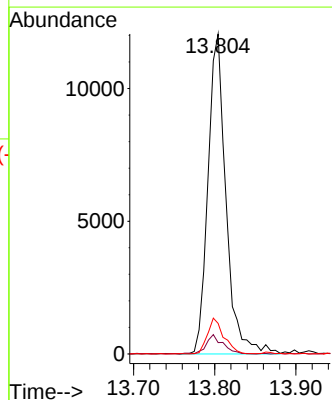
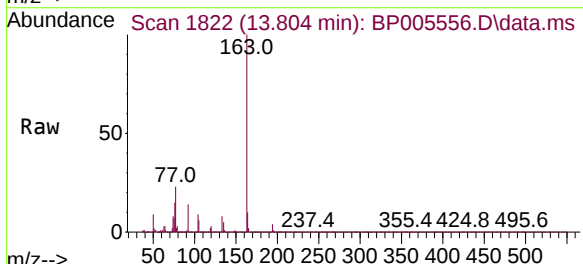
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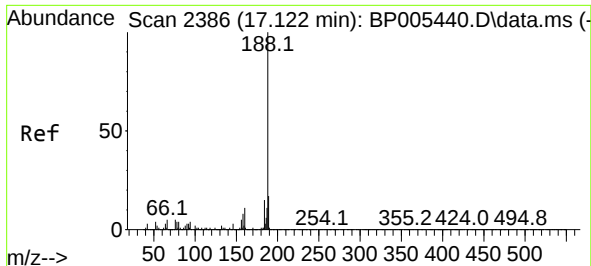
Tgt Ion:	172	Resp:	170134
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.1	42.1
170	23.2	19.6	29.4



#50
Dimethylphthalate
Concen: 7.07 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion:	163	Resp:	18570
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.9	5.9#
164	9.6	8.1	12.1

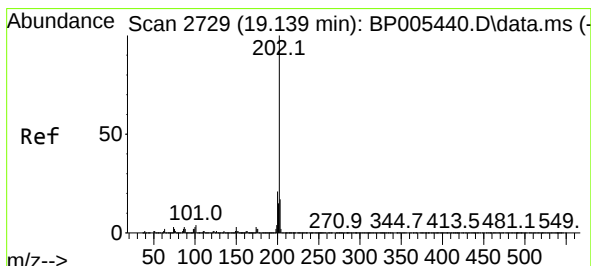
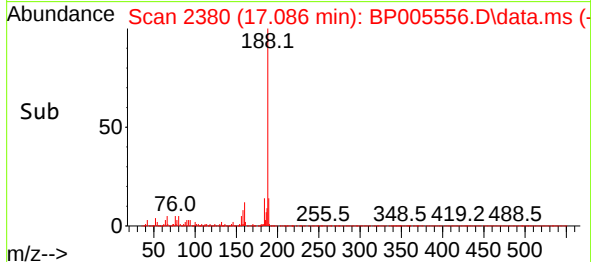
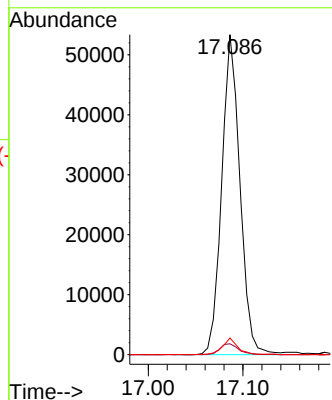
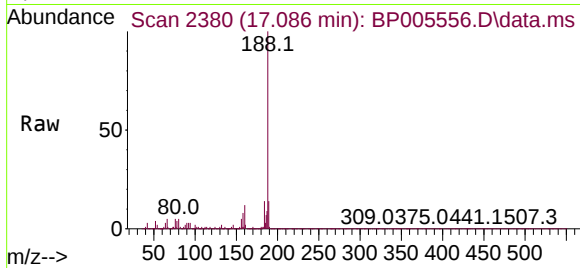




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

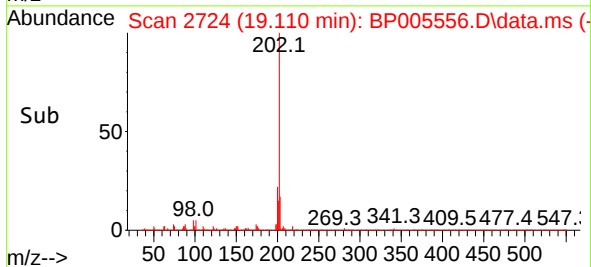
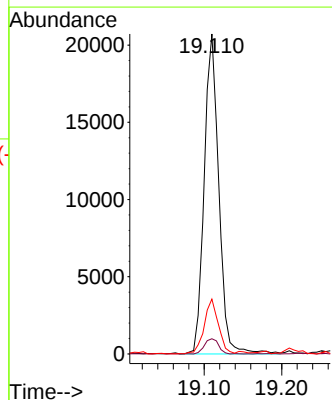
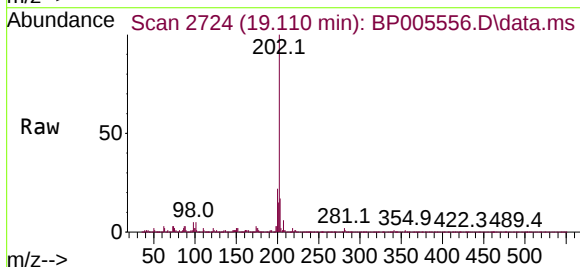
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-4-6

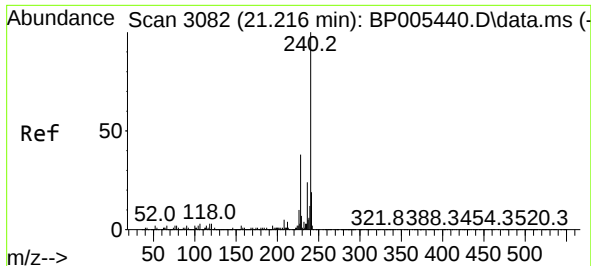
Tgt Ion:188	Resp:	71450
Ion Ratio	Lower	Upper
188	100	
94	3.4	5.0 7.6#
80	5.2	5.9 8.9#



#75
Fluoranthene
Concen: 4.87 ng
RT: 19.110 min Scan# 2724
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion:202	Resp:	27187
Ion Ratio	Lower	Upper
202	100	
101	4.7	0.0 26.1
203	17.2	0.0 37.2

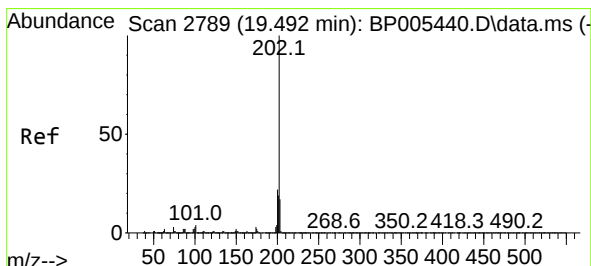
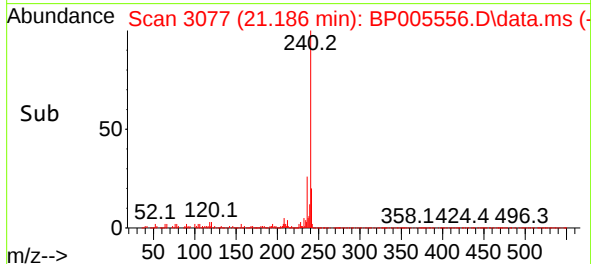
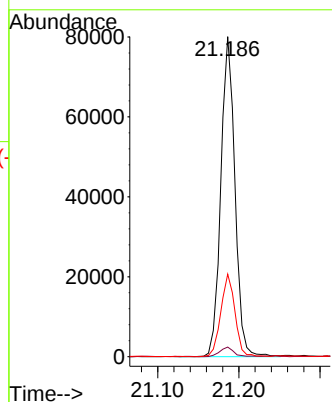
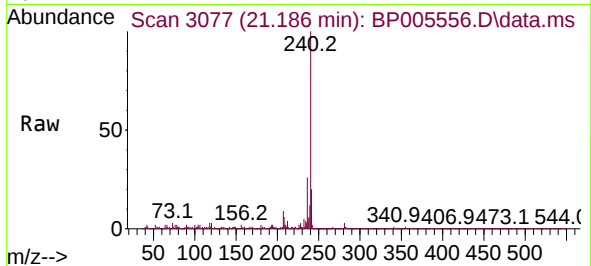




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

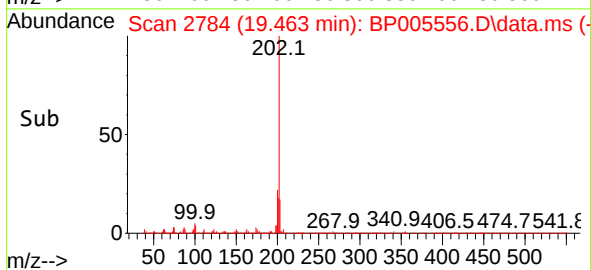
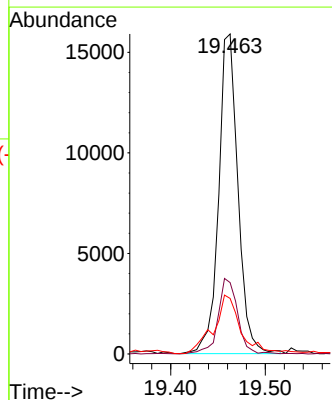
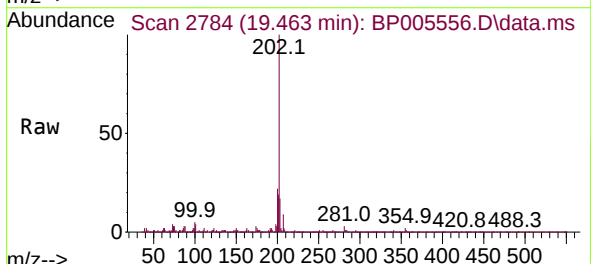
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-4-6

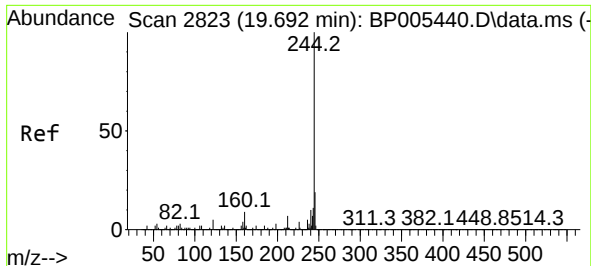
Tgt Ion:240 Resp: 96923
Ion Ratio Lower Upper
240 100
120 3.0 4.2 6.2#
236 25.8 20.2 30.2



#78
Pyrene
Concen: 4.12 ng
RT: 19.463 min Scan# 2784
Delta R.T. -0.000 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion:202 Resp: 22588
Ion Ratio Lower Upper
202 100
200 22.3 16.9 25.3
203 17.4 13.8 20.6

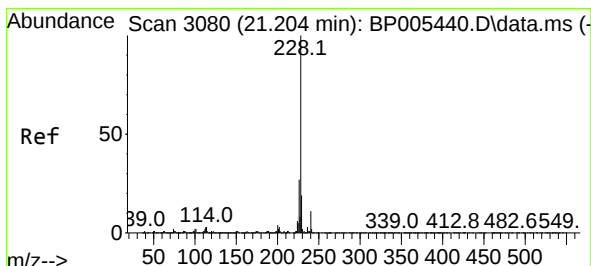
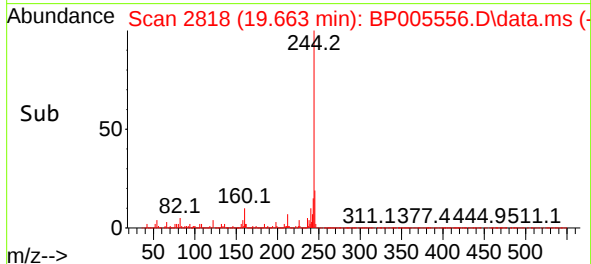
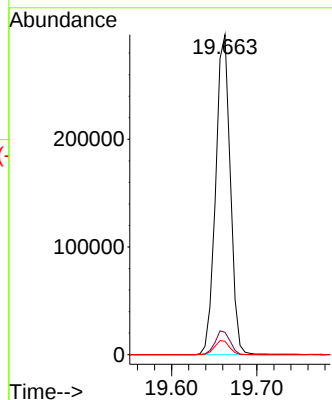
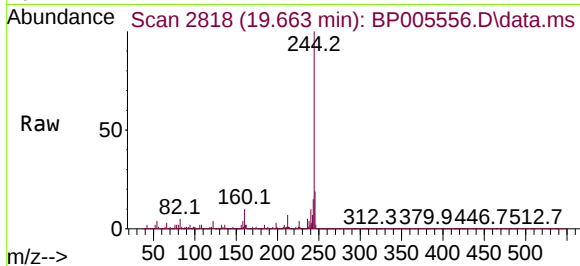




#79
 Terphenyl-d14
 Concen: 62.37 ng
 RT: 19.663 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BP005556.D
 Acq: 14 May 2021 19:16

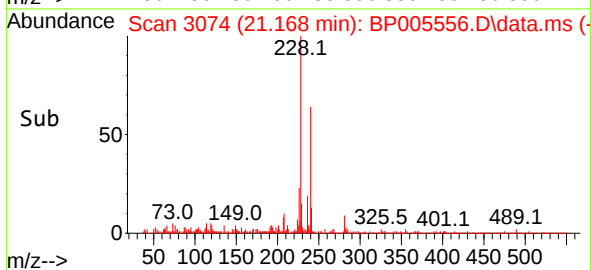
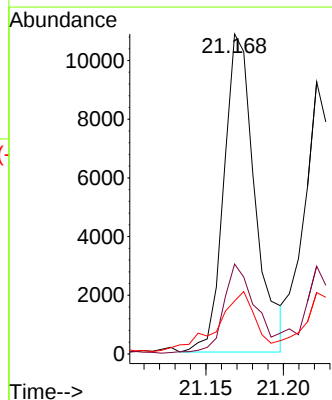
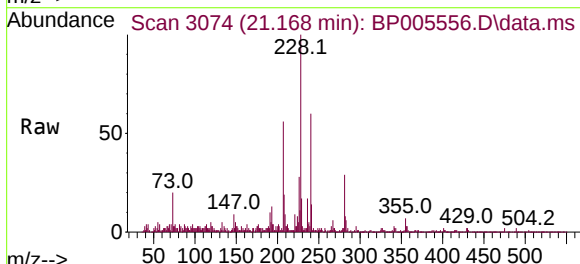
Instrument :
 BNA_P
 ClientSampleId :
 BURNETT-AVE-4-6

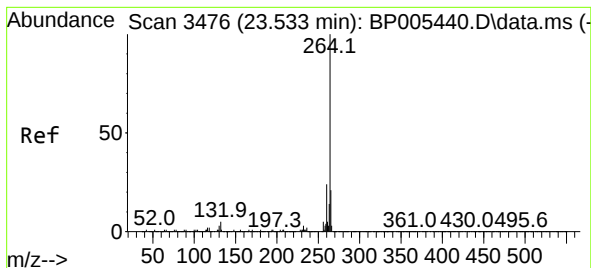
Tgt Ion:244 Resp: 355983
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 4.2 5.2 7.8#



#81
 Benzo(a)anthracene
 Concen: 2.41 ng
 RT: 21.168 min Scan# 3074
 Delta R.T. -0.006 min
 Lab File: BP005556.D
 Acq: 14 May 2021 19:16

Tgt Ion:228 Resp: 15153
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.2 31.8
 229 16.6 15.6 23.4

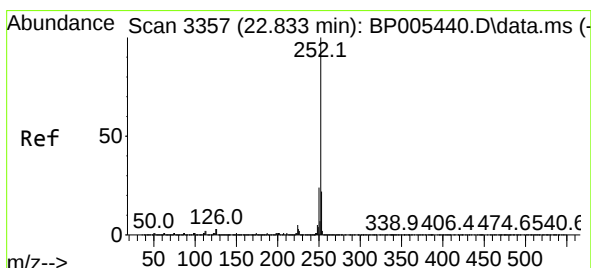
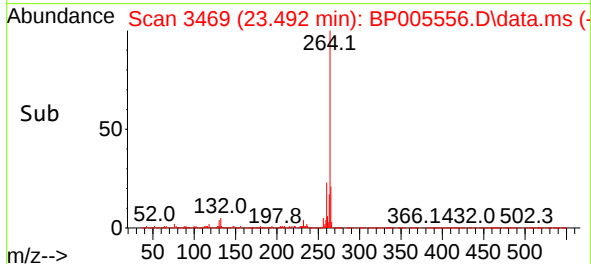
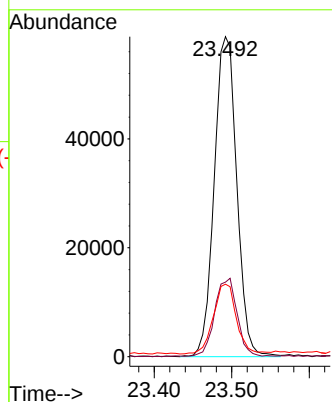
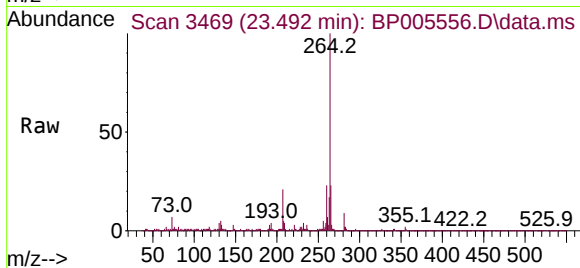




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

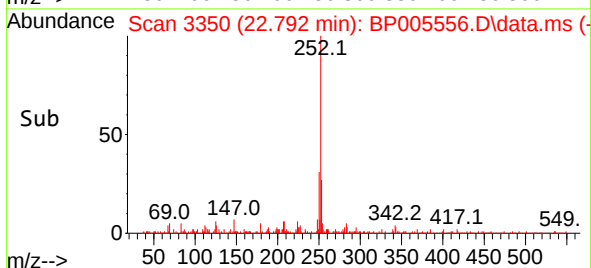
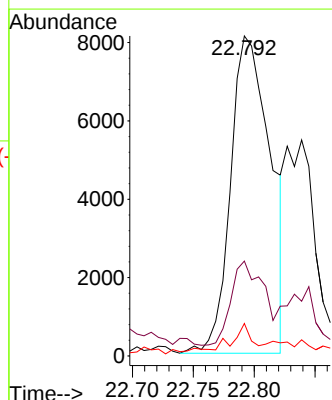
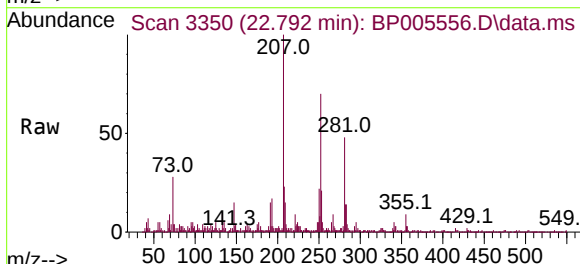
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-4-6

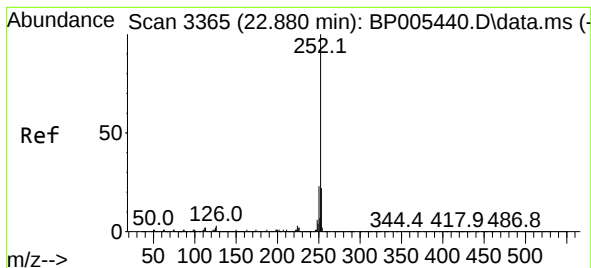
Tgt Ion:	264	Resp:	118753
Ion Ratio	Lower	Upper	
264	100		
260	23.3	20.6	30.8
265	22.7	19.0	28.6



#88
Benzo(b)fluoranthene
Concen: 2.33 ng
RT: 22.792 min Scan# 3350
Delta R.T. -0.006 min
Lab File: BP005556.D
Acq: 14 May 2021 19:16

Tgt Ion:	252	Resp:	18413
Ion Ratio	Lower	Upper	
252	100		
253	29.6	18.2	27.2#
125	10.2	3.4	5.0#





#89

Benzo(k)fluoranthene

Concen: 2.38 ng

RT: 22.792 min Scan# 3350

Delta R.T. -0.053 min

Lab File: BP005556.D

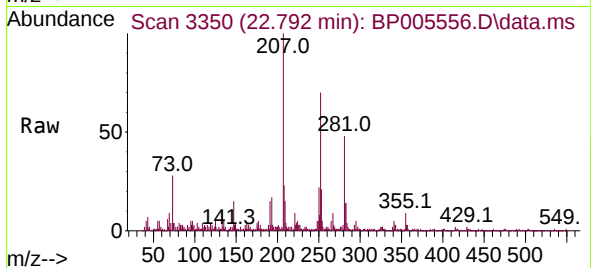
Acq: 14 May 2021 19:16

Instrument :

BNA_P

ClientSampleId :

BURNETT-AVE-4-6



Tgt Ion:252 Resp: 18413

Ion Ratio Lower Upper

252 100

253 29.6 17.2 25.8#

125 10.2 3.8 5.6#

