

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021221\
 Data File : BP004737.D
 Acq On : 12 Feb 2021 19:13
 Operator : CG/JU
 Sample : M1389-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Feb 12 22:45:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 05 18:04:48 2021
 Response via : Initial Calibration

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

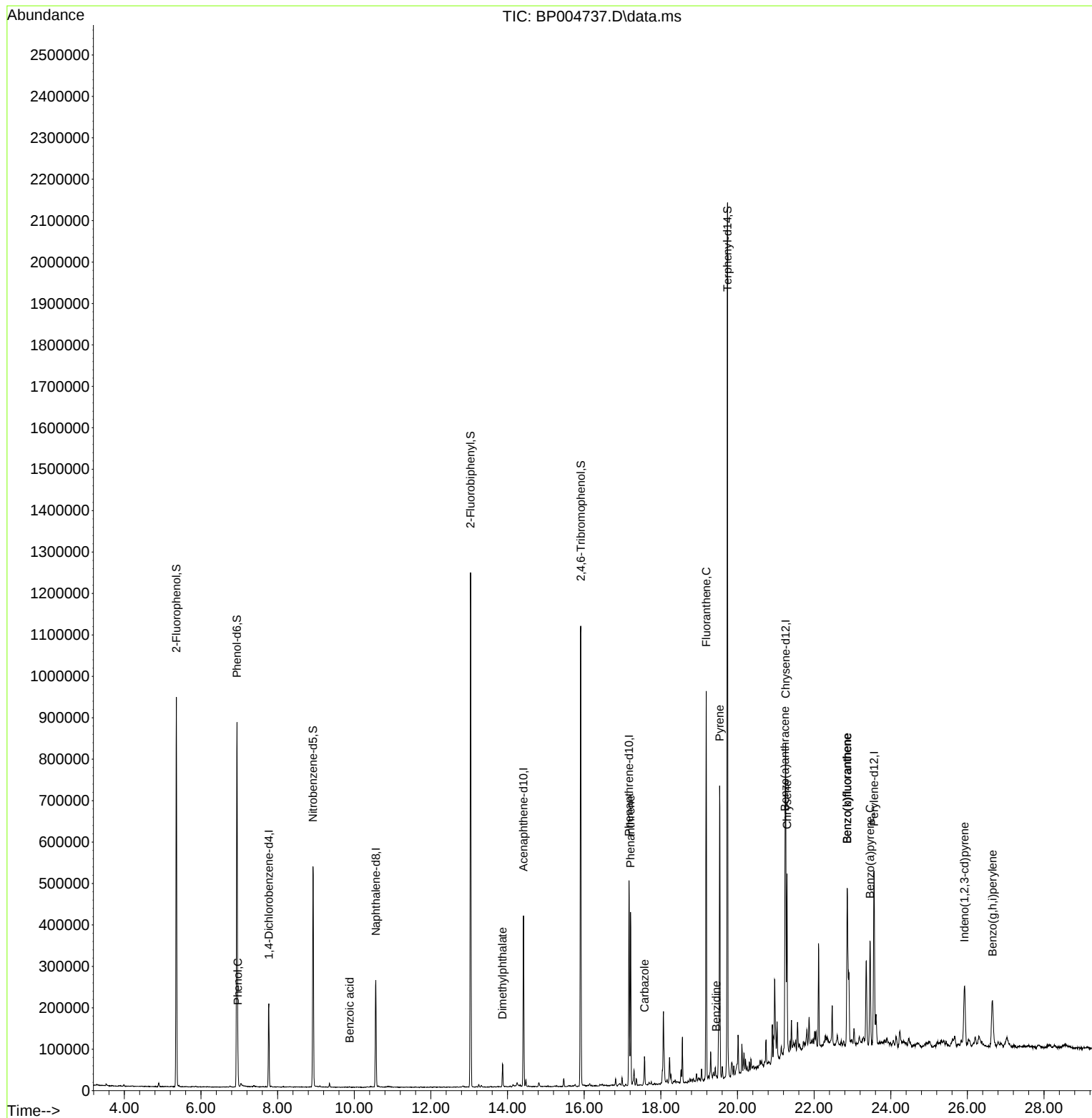
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	50476	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	198172	20.00	ng	0.00
39) Acenaphthene-d10	14.416	164	127703	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	281161	20.00	ng	0.00
76) Chrysene-d12	21.257	240	297054	20.00	ng	0.00
86) Perylene-d12	23.563	264	298883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	356985	109.20	ng	0.00
7) Phenol-d6	6.940	99	464986	103.43	ng	0.00
23) Nitrobenzene-d5	8.922	82	293819	64.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	181718	107.10	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	594195	56.87	ng	0.00
79) Terphenyl-d14	19.739	244	855105	48.35	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.963	94	26489	6.09	ng	72
32) Benzoic acid	9.881	122	15	6.86	ng	# 1
50) Dimethylphthalate	13.869	163	33266	2.96	ng	98
71) Phenanthrene	17.210	178	231063	13.42	ng	99
73) Carbazole	17.575	167	38923	2.56	ng	98
75) Fluoranthene	19.186	202	527227	25.71	ng	98
77) Benzidine	19.451	184	618	2.24	ng	95
78) Pyrene	19.533	202	404704	19.32	ng	99
81) Benzo(a)anthracene	21.239	228	179676	8.53	ng	99
83) Chrysene	21.292	228	226193	11.09	ng	95
87) Indeno(1,2,3-cd)pyrene	25.921	276	147578	6.18	ng	# 93
88) Benzo(b)fluoranthene	22.863	252	326860	14.93	ng	97
89) Benzo(k)fluoranthene	22.863	252	326860	15.55	ng	97
90) Benzo(a)pyrene	23.463	252	183107	9.26	ng	98
92) Benzo(g,h,i)perylene	26.657	276	147733	7.73	ng	97

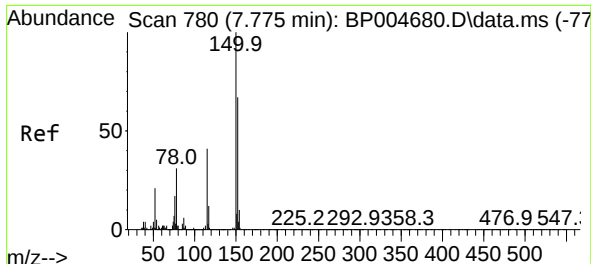
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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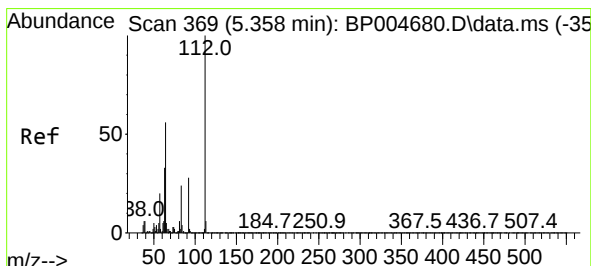
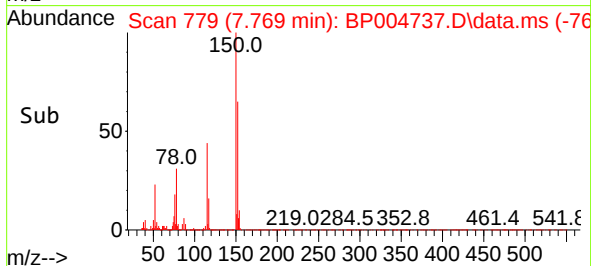
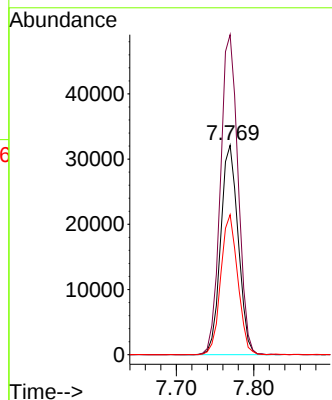
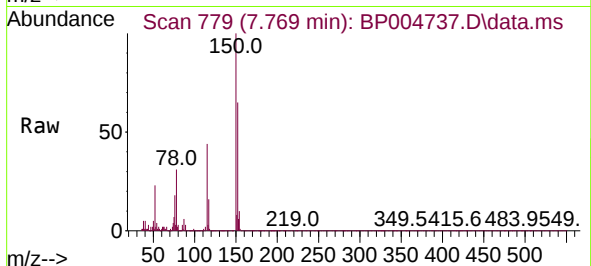




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.769 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

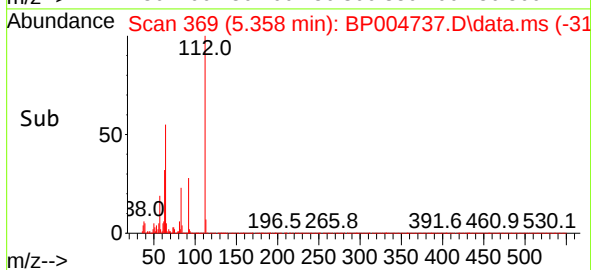
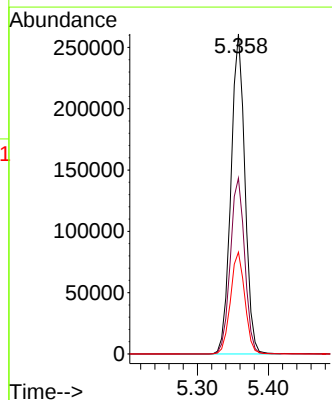
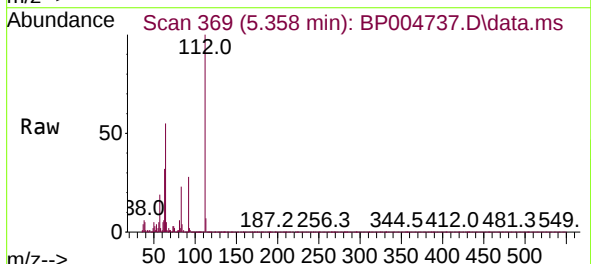
Instrument :
BNA_P
ClientSampleId :
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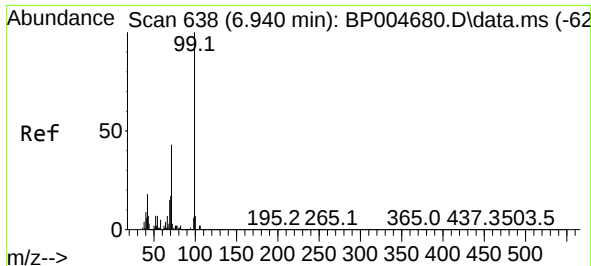
Tgt Ion:152 Resp: 50476
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 66.8 43.8 65.6#



#5
2-Fluorophenol
Concen: 109.20 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:112 Resp: 356985
Ion Ratio Lower Upper
112 100
64 54.9 32.8 49.2#
63 31.8 17.0 25.4#

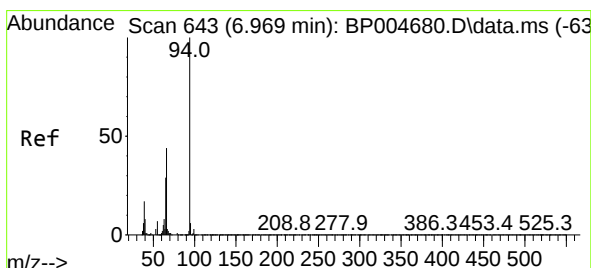
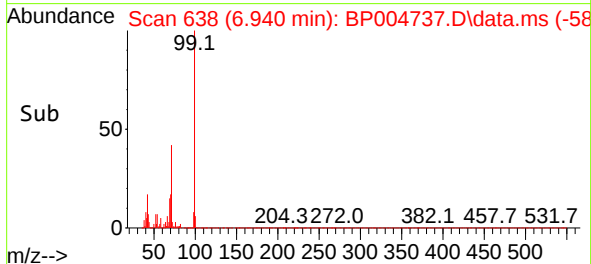
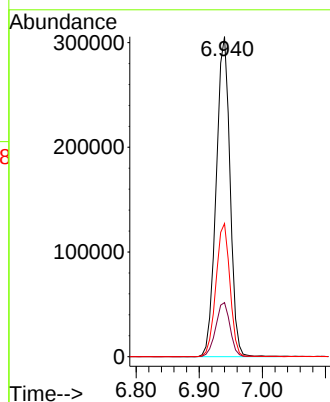
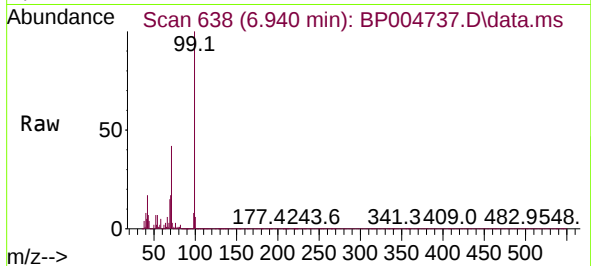




#7
Phenol-d6
Concen: 103.43 ng
RT: 6.940 min Scan# 638
Delta R.T. 0.000 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

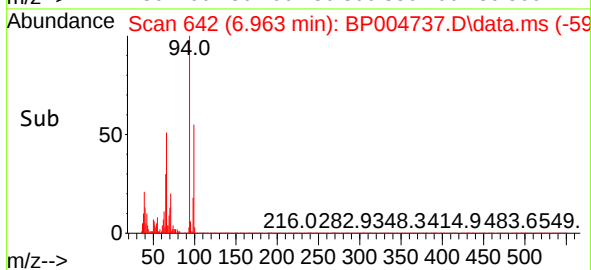
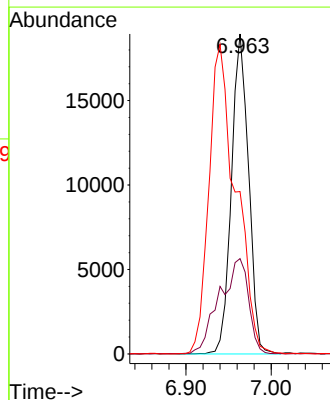
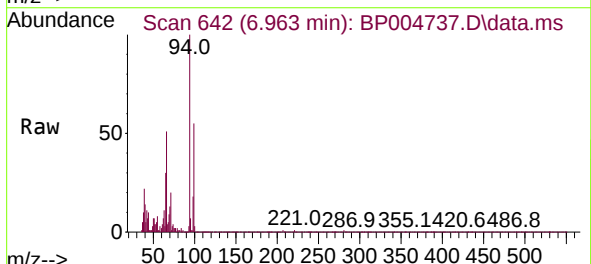
Instrument :
BNA_P
ClientSampled :
S-1

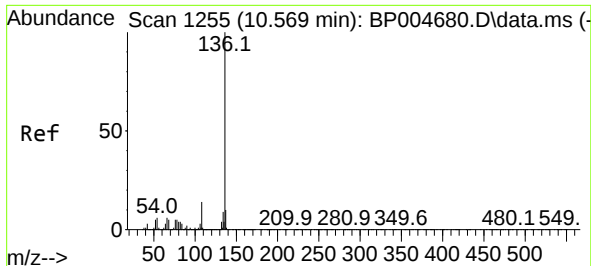
Tgt Ion: 99 Resp: 464986
Ion Ratio Lower Upper
99 100
42 16.9 8.6 13.0#
71 41.6 23.4 35.2#



#10
Phenol
Concen: 6.09 ng
RT: 6.963 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion: 94 Resp: 26489
Ion Ratio Lower Upper
94 100
65 29.8 2.3 42.3
66 50.7 10.9 50.9

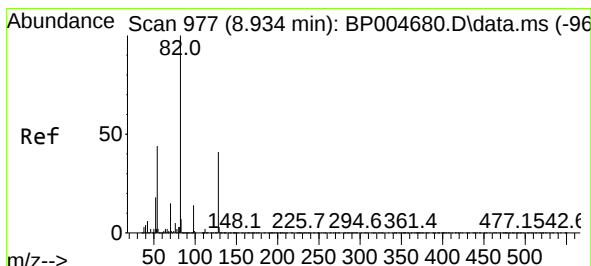
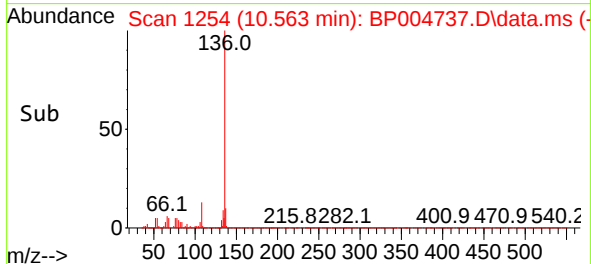
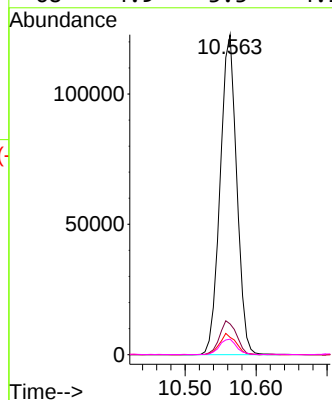
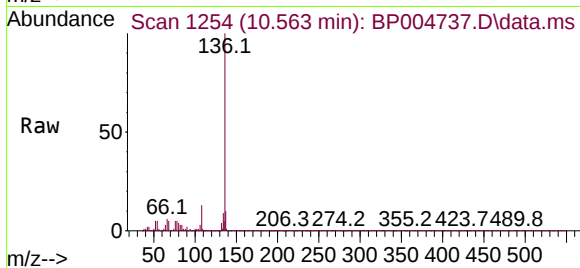




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

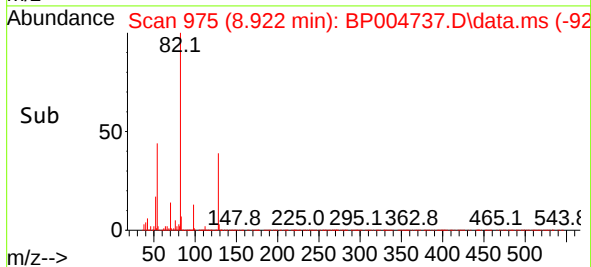
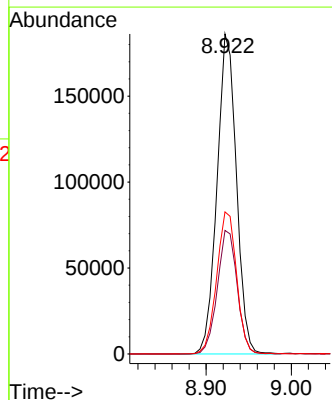
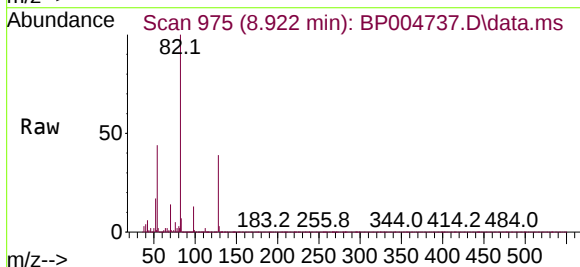
Instrument :
BNA_P
ClientSampled :
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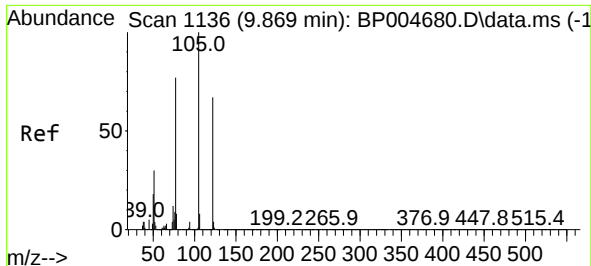
Tgt Ion:	136	Resp:	198172
Ion Ratio	Lower	Upper	
136	100		
137	9.6	8.6	13.0
54	5.4	3.6	5.4
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 64.60 ng
RT: 8.922 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:	82	Resp:	293819
Ion Ratio	Lower	Upper	
82	100		
128	38.6	45.6	68.4#
54	44.4	30.1	45.1

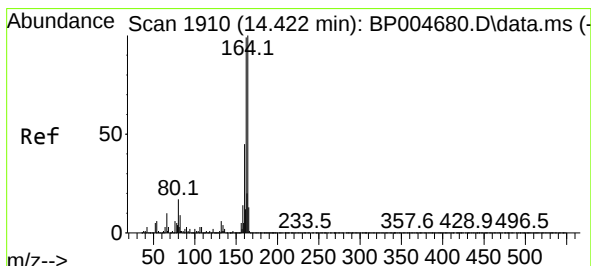
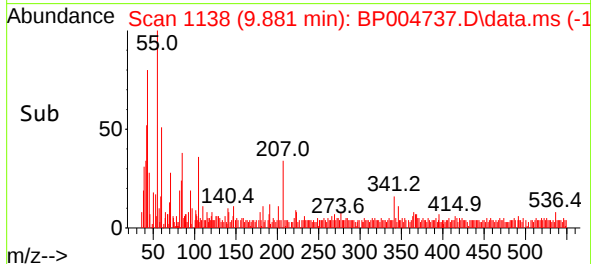
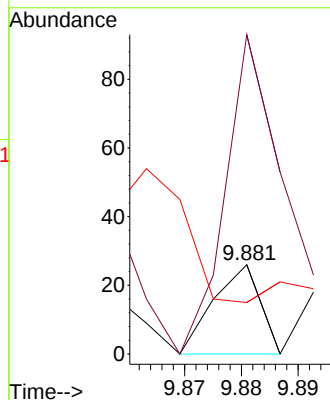
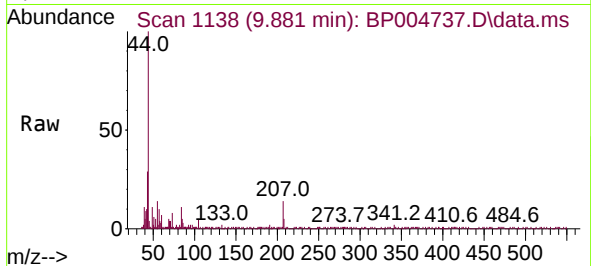




#32
Benzoic acid
Concen: 6.86 ng
RT: 9.881 min Scan# 1138
Delta R.T. 0.012 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

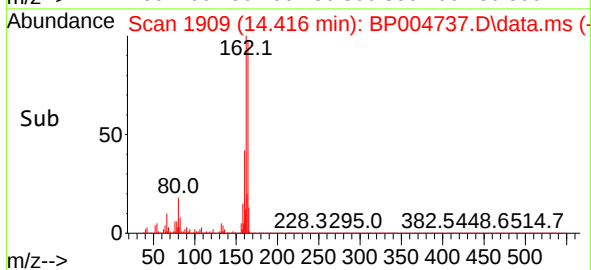
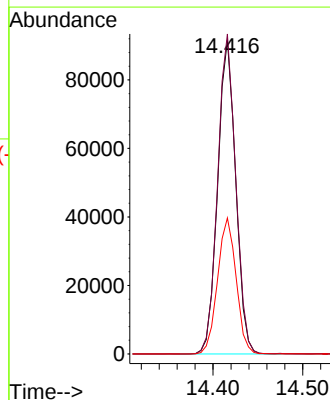
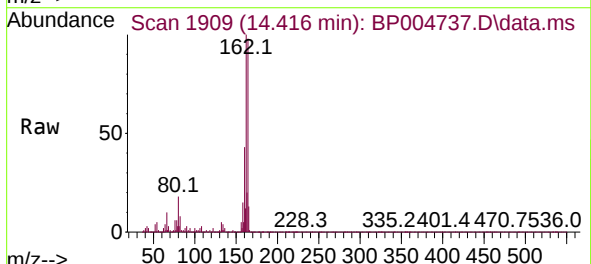
Instrument :
BNA_P
ClientSampled :
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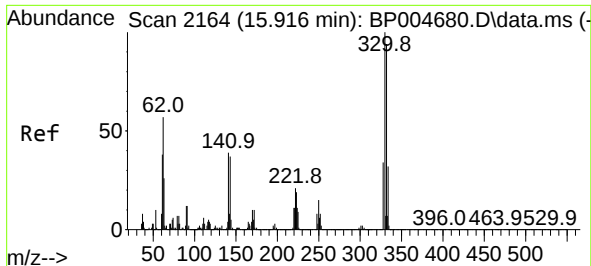
Tgt Ion:122 Resp: 15
Ion Ratio Lower Upper
122 100
105 357.7 94.1 134.1#
77 57.7 50.1 90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:164 Resp: 127703
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 43.4 36.1 54.1

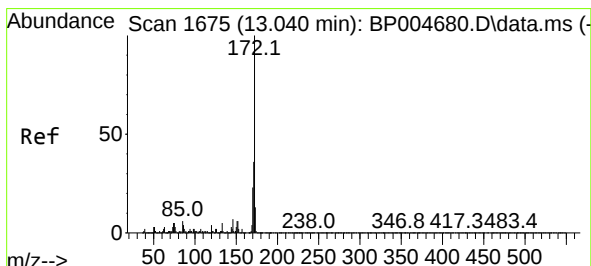
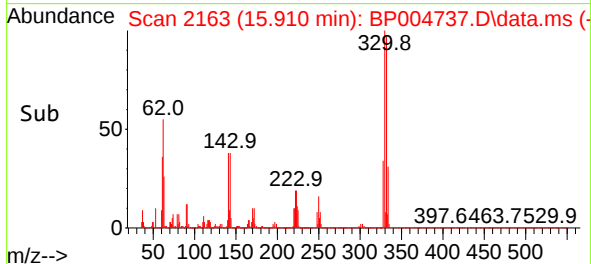
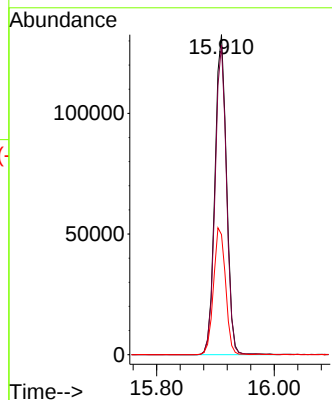
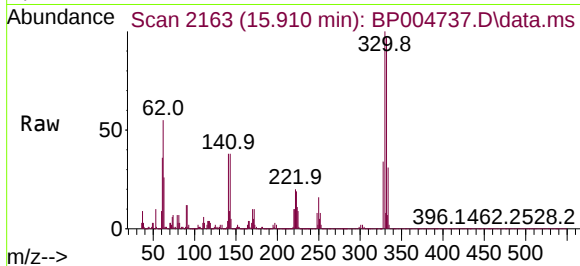




#42
2,4,6-Tribromophenol
Concen: 107.10 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

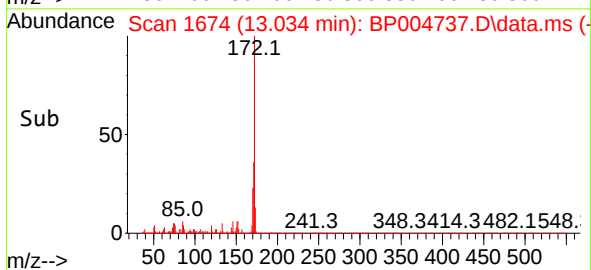
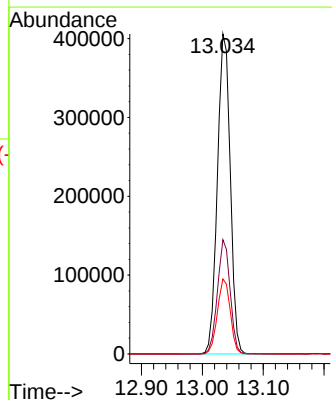
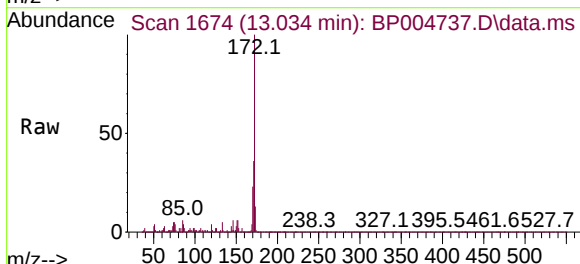
Instrument :
BNA_P
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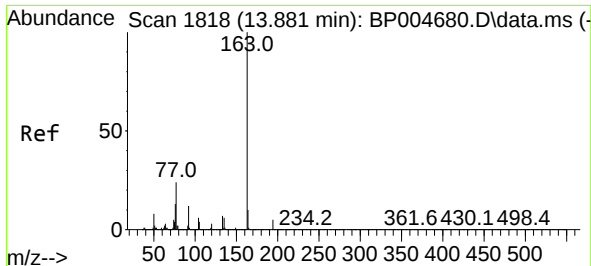
Tgt Ion:330 Resp: 181718
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 40.9 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 56.87 ng
RT: 13.034 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:172 Resp: 594195
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.4 19.2 28.8

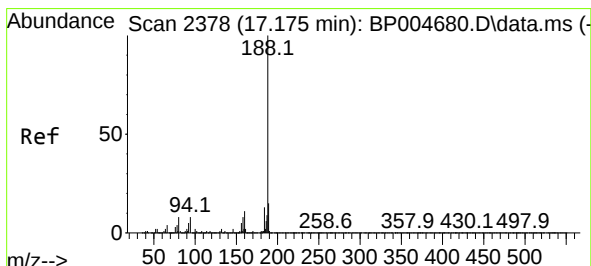
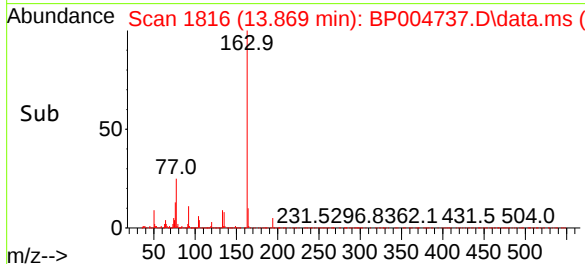
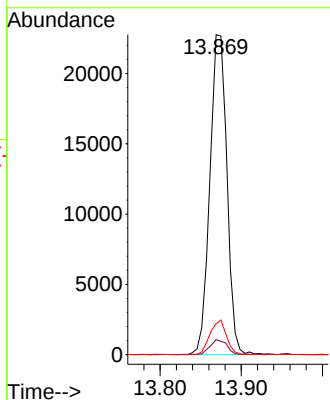
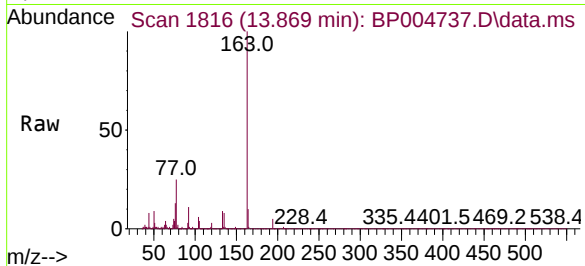




#50
Dimethylphthalate
Concen: 2.96 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

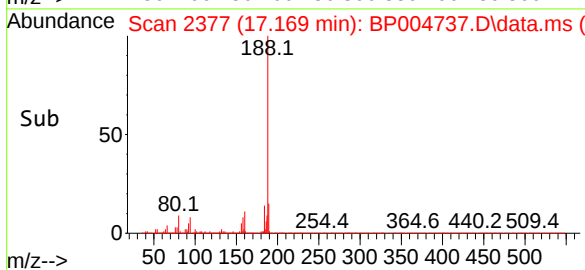
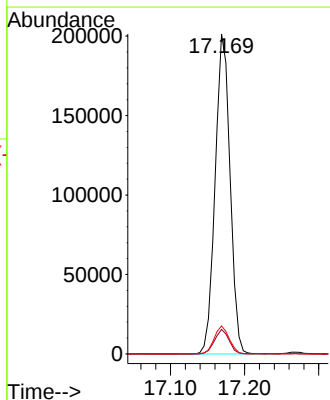
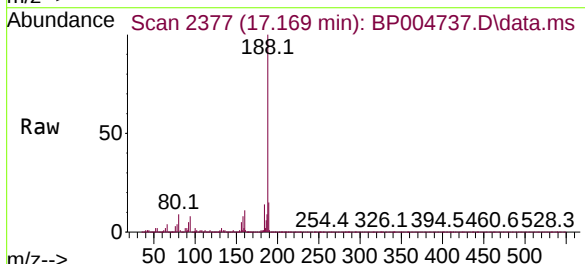
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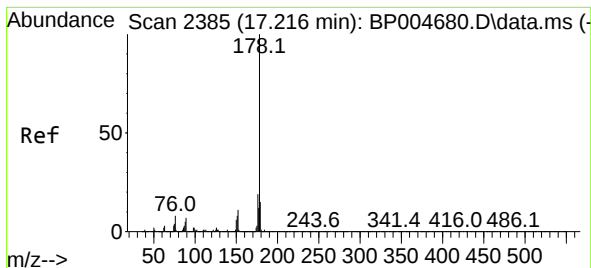
Tgt Ion:163 Resp: 33266
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 9.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:188 Resp: 281161
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.7 6.2 9.2





#71

Phenanthrene

Concen: 13.42 ng

RT: 17.210 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BP004737.D

Acq: 12 Feb 2021 19:13

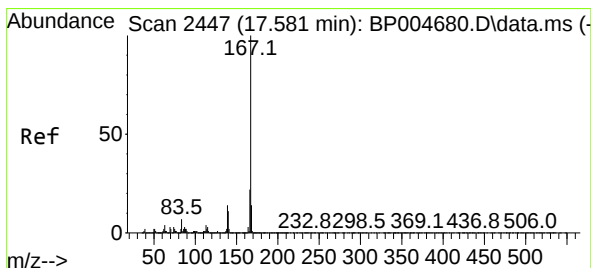
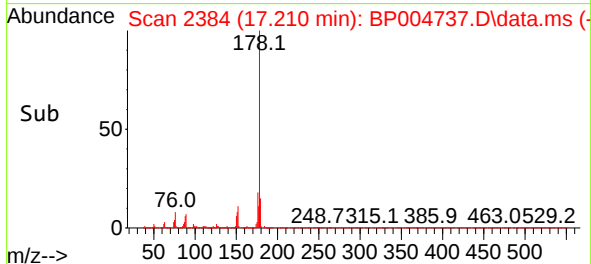
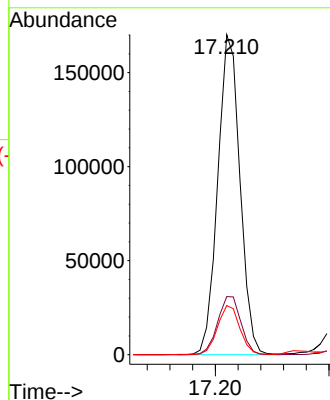
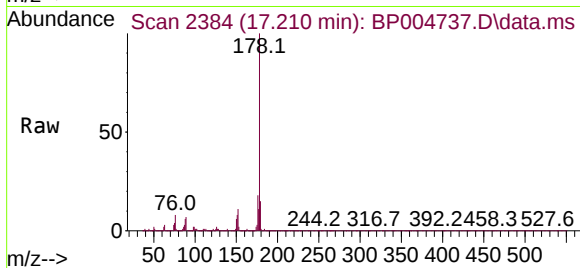
Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:178	Resp:	231063
Ion Ratio	Lower	Upper
178	100	
176	18.2	15.3 22.9
179	15.3	12.5 18.7



#73

Carbazole

Concen: 2.56 ng

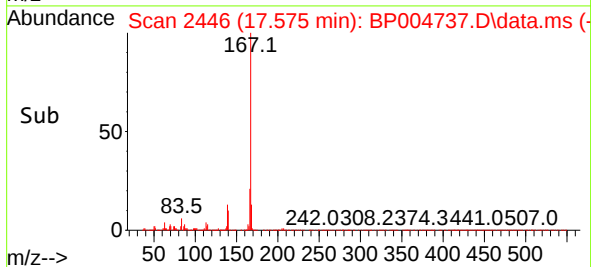
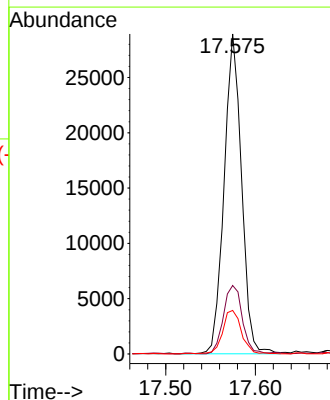
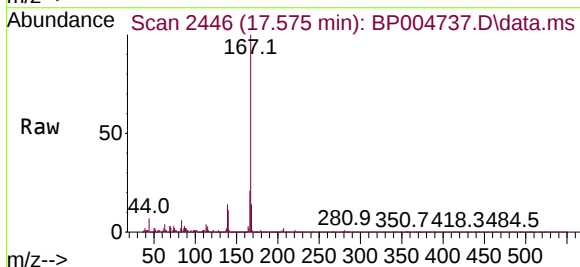
RT: 17.575 min Scan# 2446

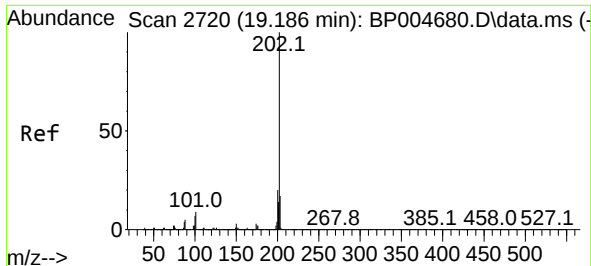
Delta R.T. -0.006 min

Lab File: BP004737.D

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Tgt Ion:167	Resp:	38923
Ion Ratio	Lower	Upper
167	100	
166	21.4	17.6 26.4
139	13.6	10.2 15.4

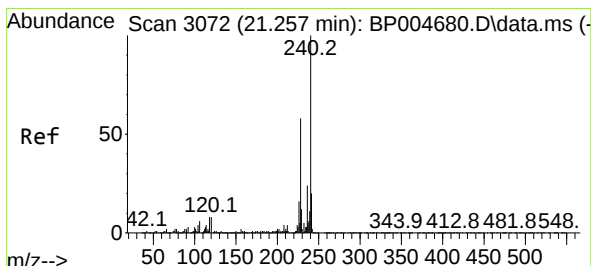
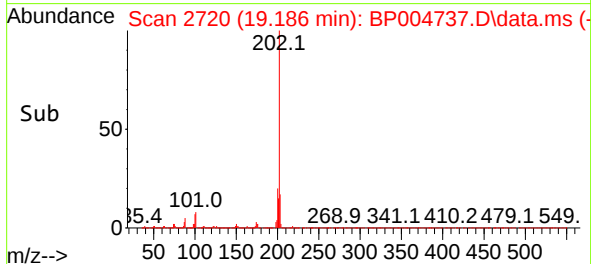
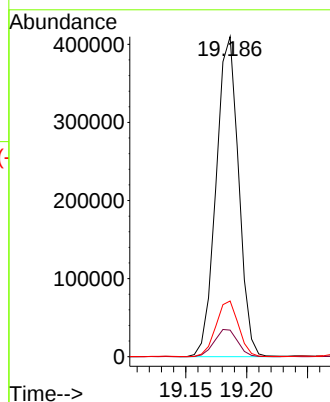
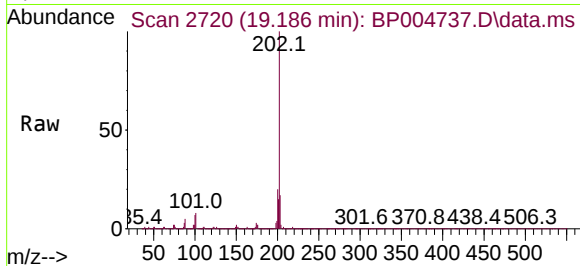




#75
Fluoranthene
Concen: 25.71 ng
RT: 19.186 min Scan# 2720
Delta R.T. 0.000 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

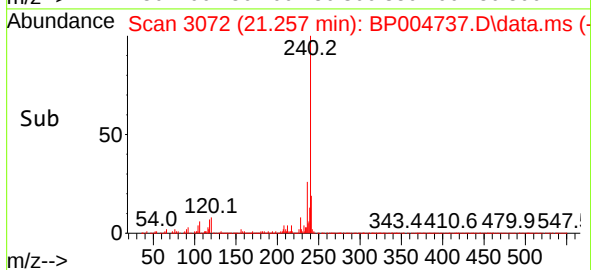
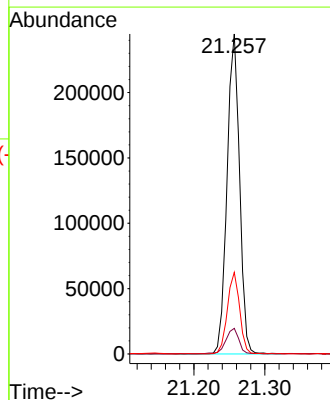
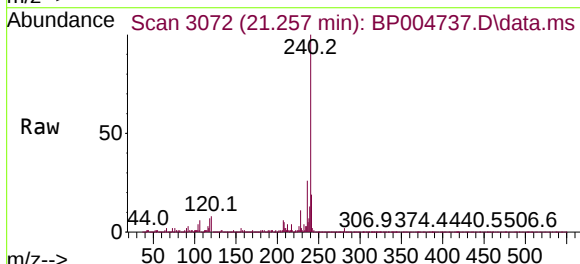
Instrument :
BNA_P
ClientSampled :
S-1

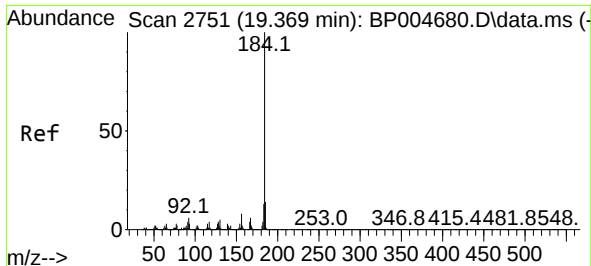
Tgt Ion:	202	Resp:	527227
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	29.4
203	17.4	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.257 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:	240	Resp:	297054
Ion Ratio	Lower	Upper	
240	100		
120	8.0	7.8	11.6
236	25.5	20.8	31.2

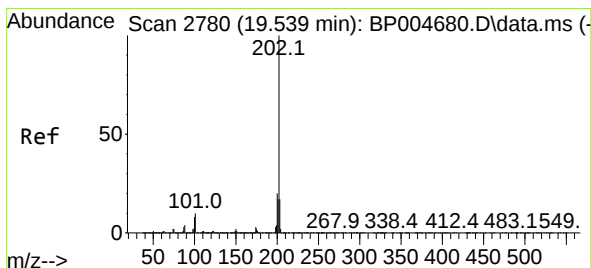
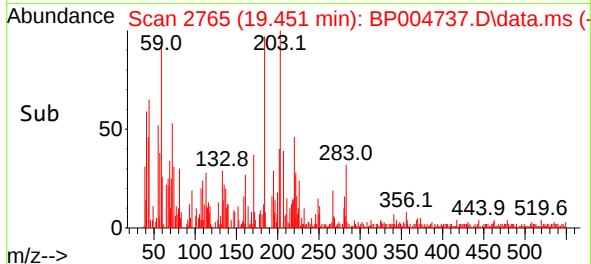
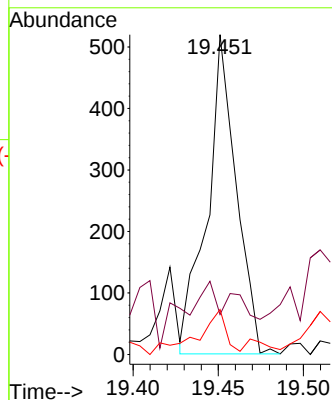
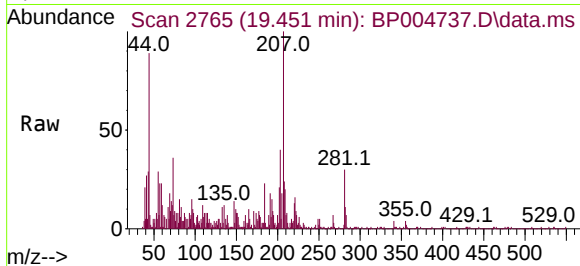




#77
Benzidine
Concen: 2.24 ng
RT: 19.451 min Scan# 2765
Delta R.T. 0.082 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

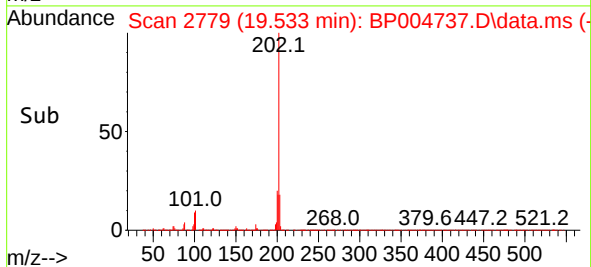
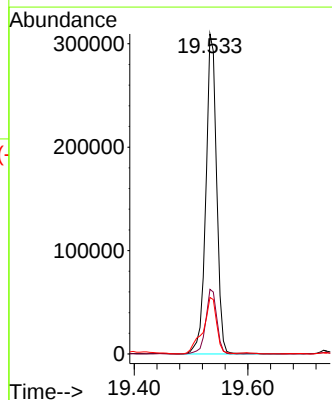
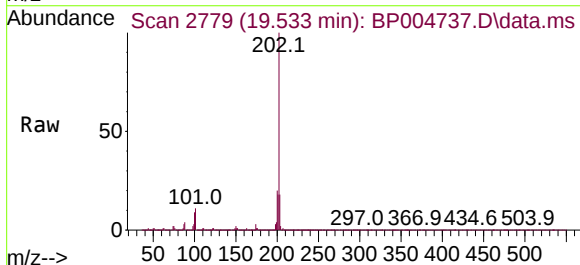
Instrument :
BNA_P
ClientSampled :
S-1

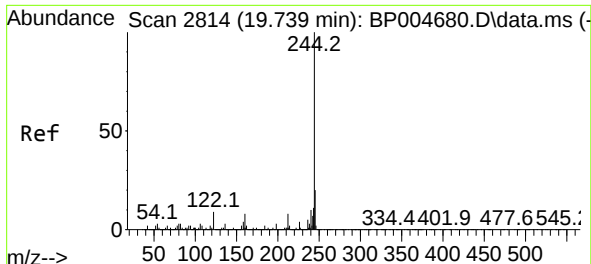
Tgt Ion:184	Resp:	618
Ion Ratio	Lower	Upper
184	100	
185	12.5	11.5 17.3
183	14.0	9.6 14.4



#78
Pyrene
Concen: 19.32 ng
RT: 19.533 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:202	Resp:	404704
Ion Ratio	Lower	Upper
202	100	
200	20.2	17.1 25.7
203	17.6	14.2 21.2

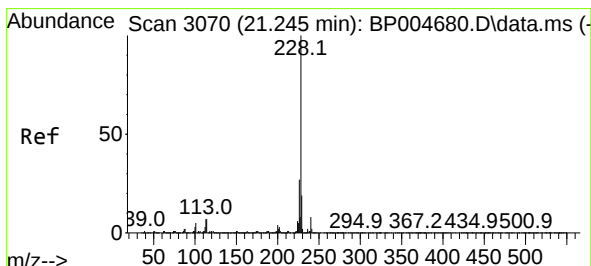
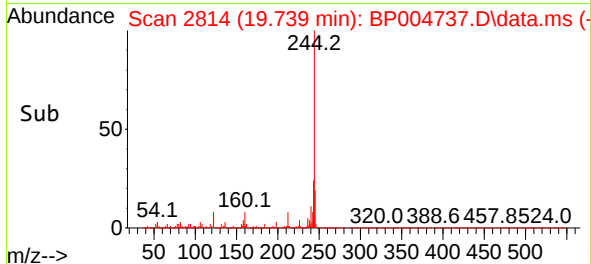
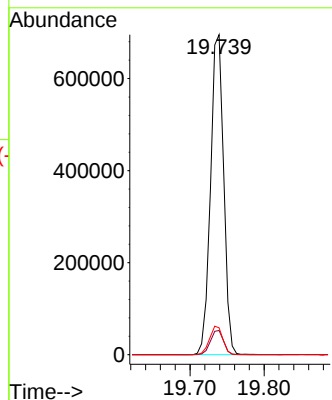
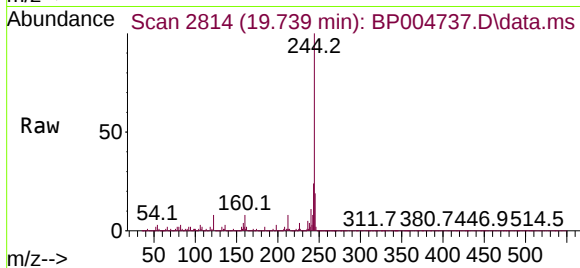




#79
 Terphenyl-d14
 Concen: 48.35 ng
 RT: 19.739 min Scan# 2814
 Delta R.T. -0.000 min
 Lab File: BP004737.D
 Acq: 12 Feb 2021 19:13

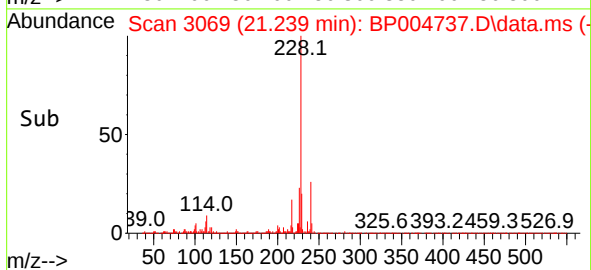
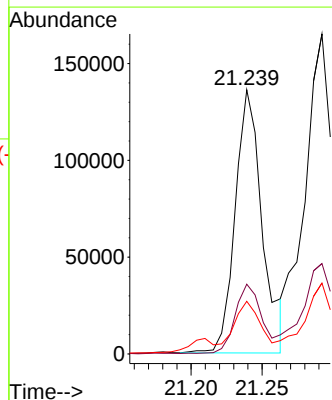
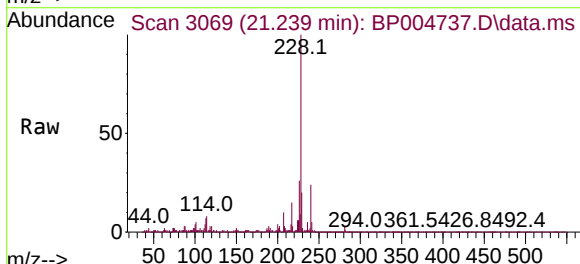
Instrument :
 BNA_P
 ClientSampleId :
 S-1

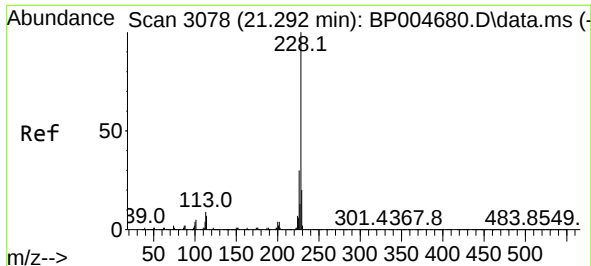
Tgt Ion:244	Resp: 855105
Ion Ratio	Lower Upper
244 100	
212 7.6	5.8 8.6
122 8.4	7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 8.53 ng
 RT: 21.239 min Scan# 3069
 Delta R.T. -0.006 min
 Lab File: BP004737.D
 Acq: 12 Feb 2021 19:13

Tgt Ion:228	Resp: 179676
Ion Ratio	Lower Upper
228 100	
226 26.4	22.1 33.1
229 19.9	15.9 23.9

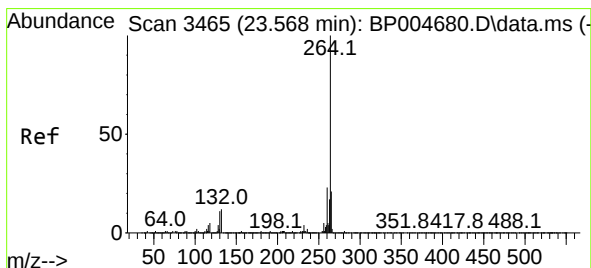
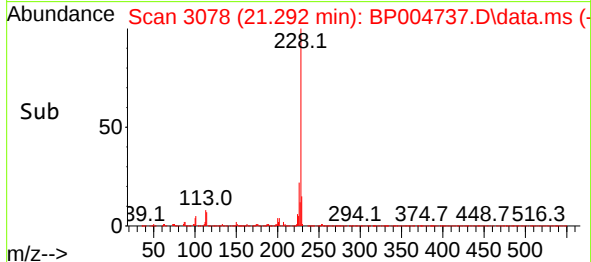
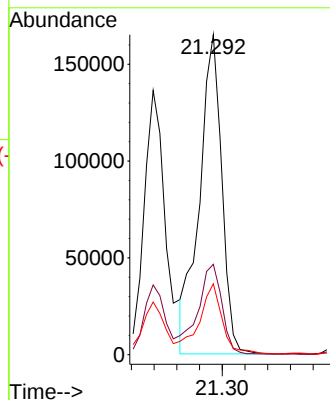
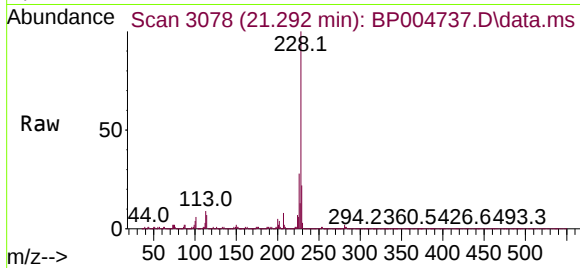




#83
Chrysene
Concen: 11.09 ng
RT: 21.292 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

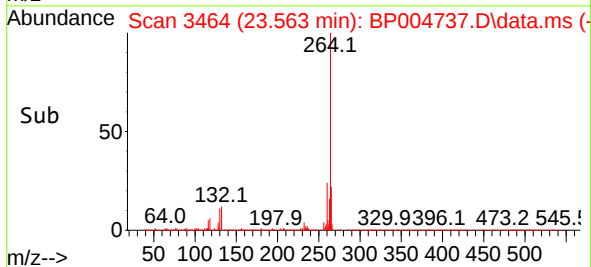
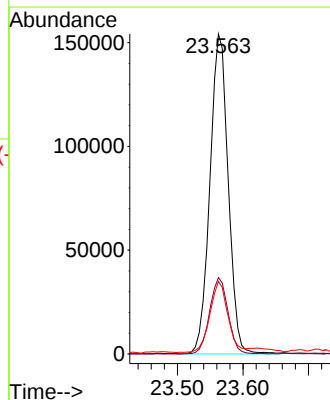
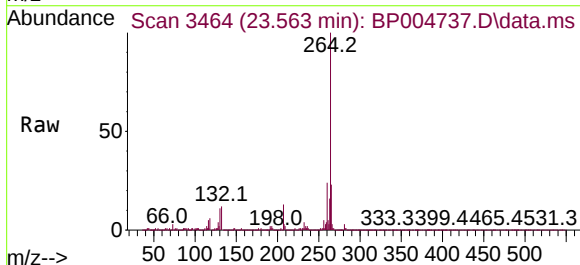
Instrument :
BNA_P
ClientSampled :
S-1

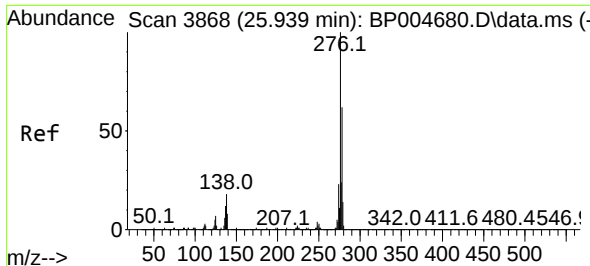
Tgt Ion:	228	Resp:	226193
Ion Ratio	Lower	Upper	
228	100		
226	28.3	24.4	36.6
229	22.2	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.563 min Scan# 3464
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:	264	Resp:	298883
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.8	28.2
265	22.7	17.4	26.2

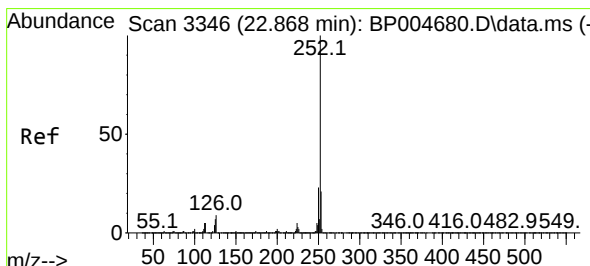
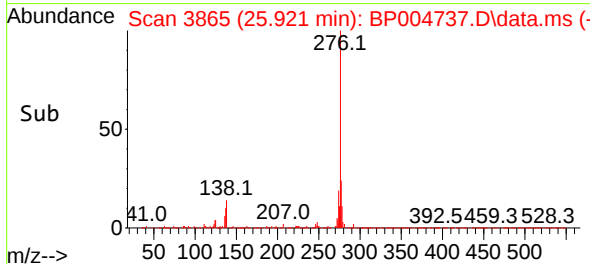
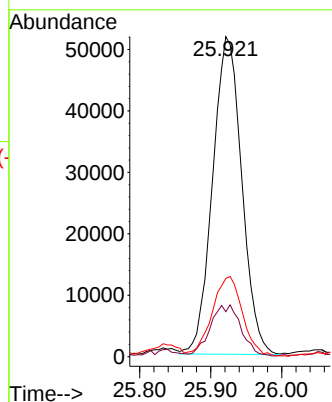
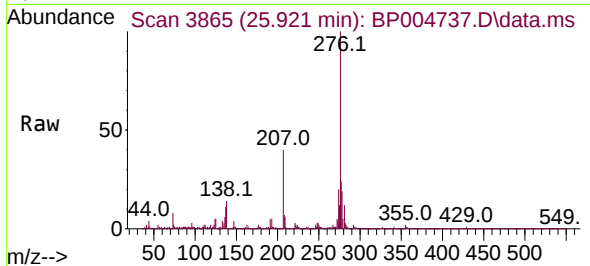




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.18 ng
RT: 25.921 min Scan# 3865
Delta R.T. -0.018 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

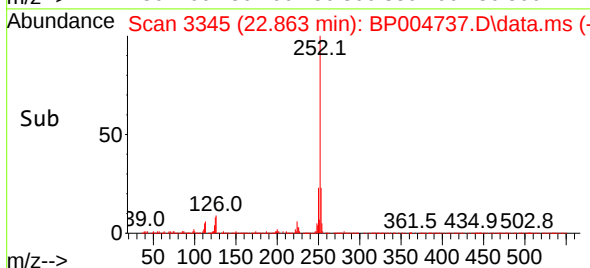
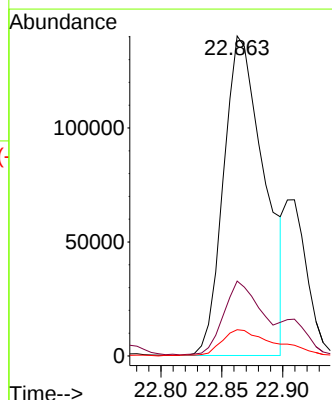
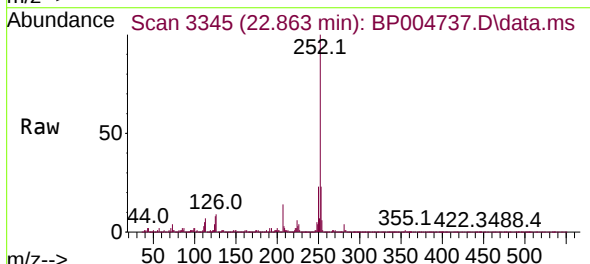
Instrument :
BNA_P
ClientSampled :
S-1

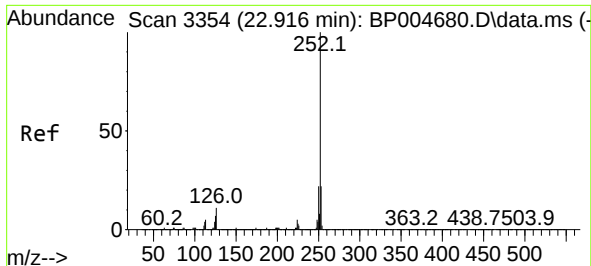
Tgt Ion: 276 Resp: 147578
Ion Ratio Lower Upper
276 100
138 16.9 18.7 28.1#
277 26.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 14.93 ng
RT: 22.863 min Scan# 3345
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion: 252 Resp: 326860
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 8.2 7.3 10.9

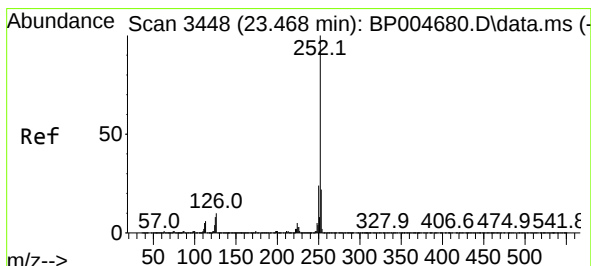
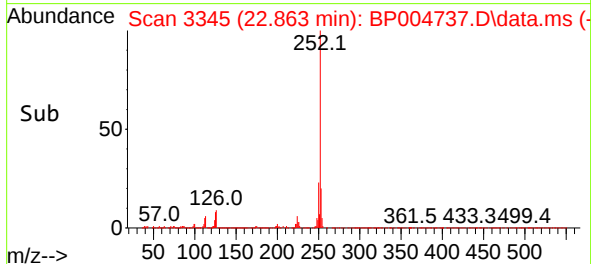
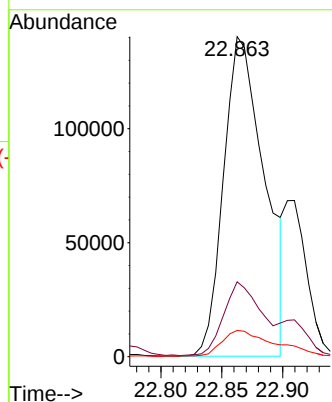
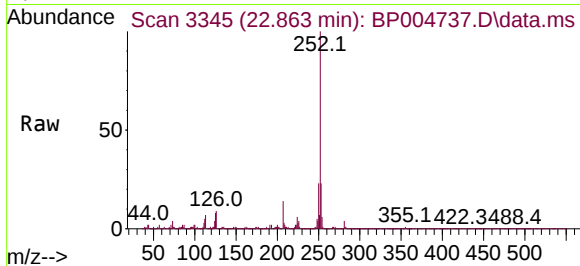




#89
Benzo(k)fluoranthene
Concen: 15.55 ng
RT: 22.863 min Scan# 3345
Delta R.T. -0.053 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

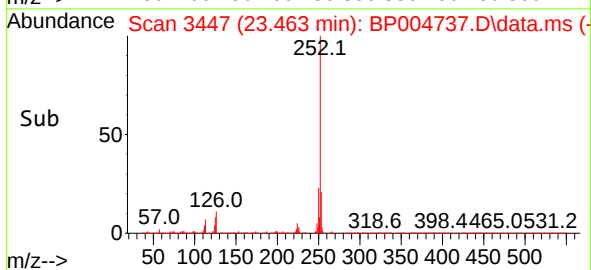
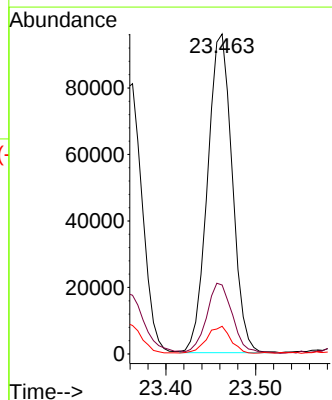
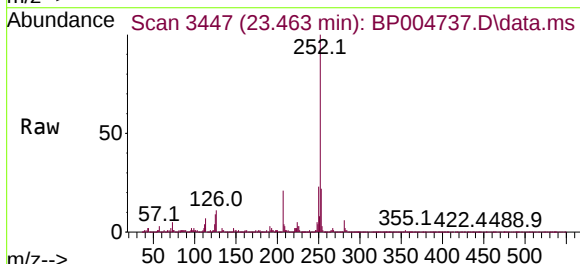
Instrument :
BNA_P
ClientSampled :
S-1

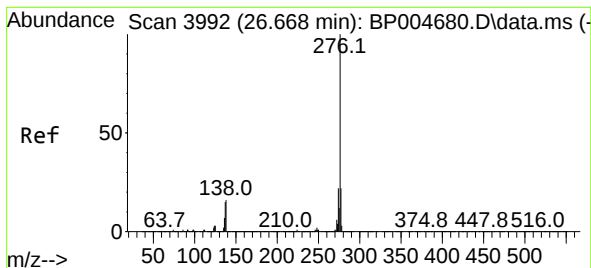
Tgt Ion:252 Resp: 326860
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 8.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 9.26 ng
RT: 23.463 min Scan# 3447
Delta R.T. -0.006 min
Lab File: BP004737.D
Acq: 12 Feb 2021 19:13

Tgt Ion:252 Resp: 183107
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 8.7 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 7.73 ng

RT: 26.657 min Scan# 3990

Delta R.T. -0.012 min

Lab File: BP004737.D

Acq: 12 Feb 2021 19:13

Instrument :

BNA_P

ClientSampleId :

S-1

Tgt Ion:276 Resp: 147733

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.6

138 18.2 16.6 24.8

