

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
 Data File : BP005207.D
 Acq On : 06 Apr 2021 21:07
 Operator : CG/JU
 Sample : M1901-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-15TH-STREET

Quant Time: Apr 07 00:31:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

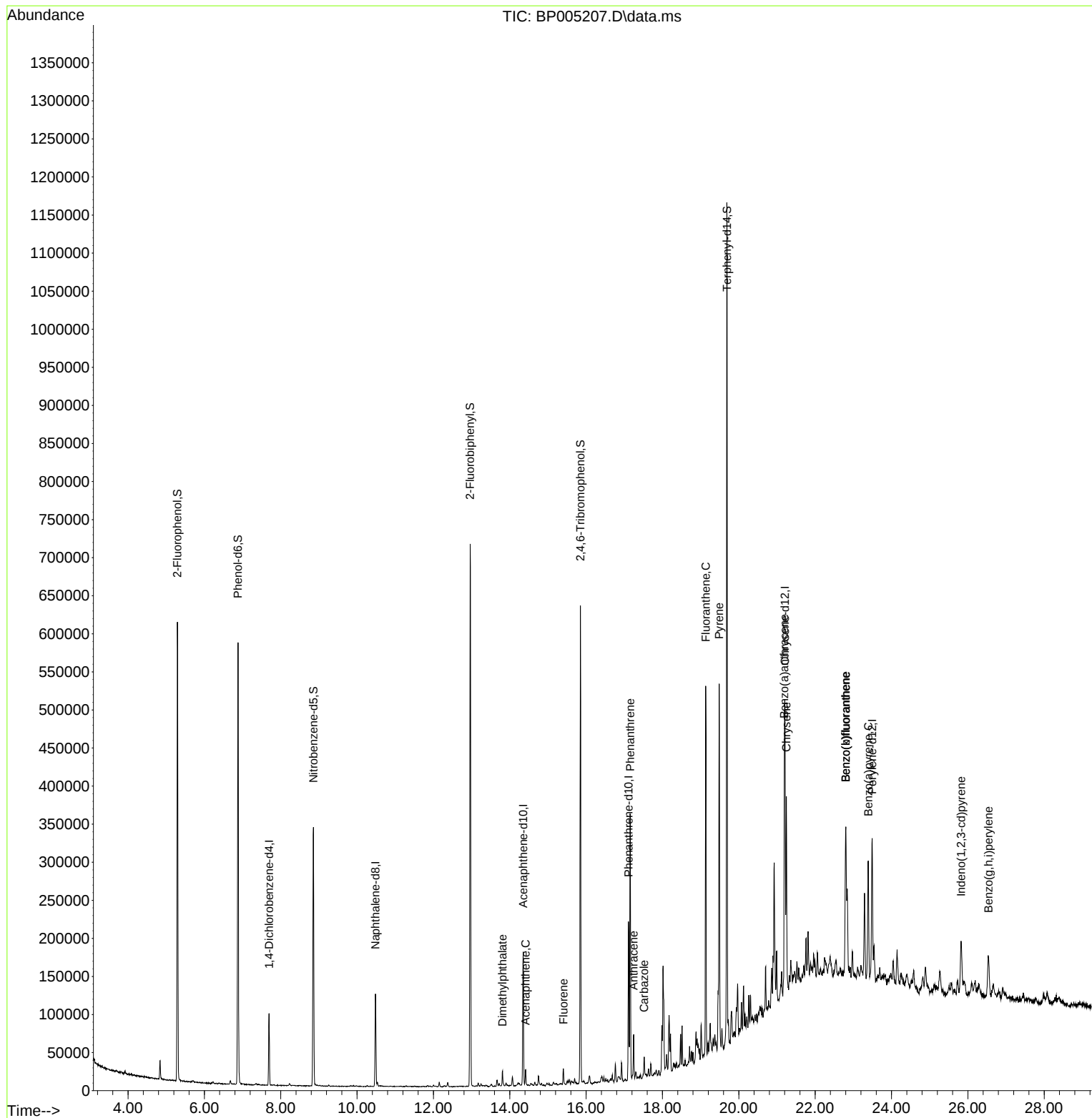
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	23478	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	93899	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	57042	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	117578	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	121456	20.00	ng	0.00
86) Perylene-d12	23.492	264	128928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	249992	163.86	ng	0.00
7) Phenol-d6	6.881	99	333647	152.68	ng	0.00
23) Nitrobenzene-d5	8.857	82	209542	95.75	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	102115	137.40	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	367341	87.11	ng	0.00
79) Terphenyl-d14	19.686	244	503656	75.49	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.810	163	11236	2.56	ng	# 94
52) Acenaphthene	14.416	154	7080	2.09	ng	95
58) Fluorene	15.404	166	9120	2.03	ng	# 93
71) Phenanthrene	17.157	178	204214	29.96	ng	98
72) Anthracene	17.245	178	34189	5.13	ng	99
73) Carbazole	17.522	167	14851	2.37	ng	98
75) Fluoranthene	19.133	202	266864	33.28	ng	96
78) Pyrene	19.486	202	280734	33.64	ng	97
81) Benzo(a)anthracene	21.192	228	141633	17.16	ng	98
83) Chrysene	21.245	228	138650	17.12	ng	97
87) Indeno(1,2,3-cd)pyrene	25.821	276	68316	7.07	ng	96
88) Benzo(b)fluoranthene	22.804	252	170654	18.64	ng	# 96
89) Benzo(k)fluoranthene	22.804	252	170654	19.45	ng	# 97
90) Benzo(a)pyrene	23.392	252	108755	13.25	ng	99
92) Benzo(g,h,i)perylene	26.539	276	65740	8.15	ng	99

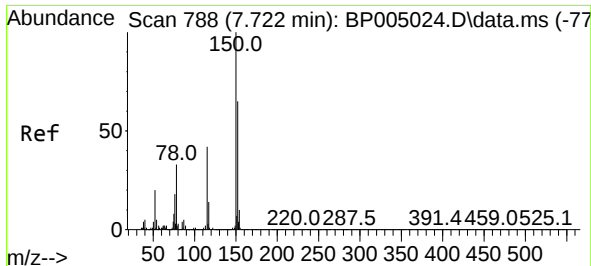
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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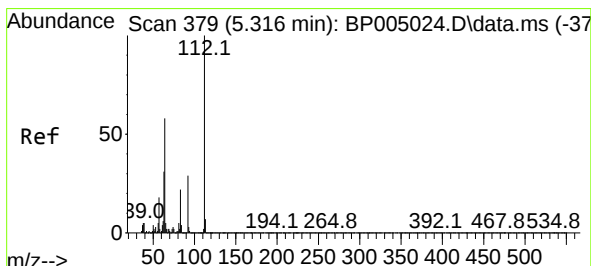
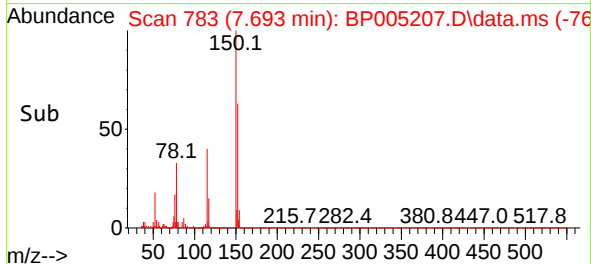
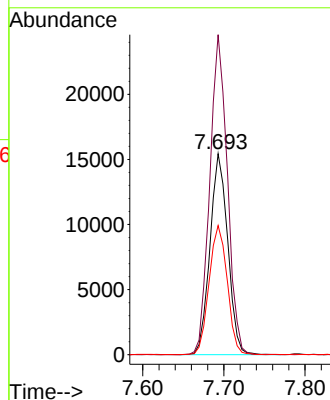
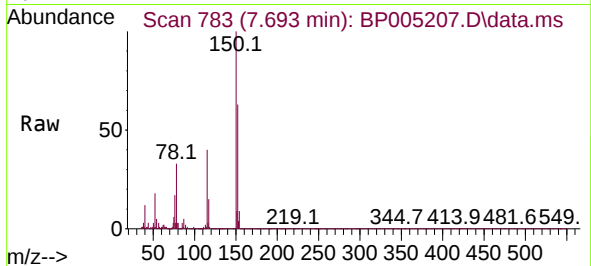




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

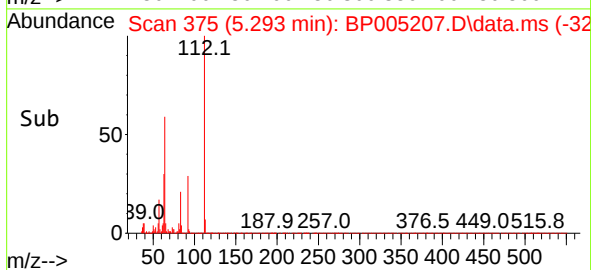
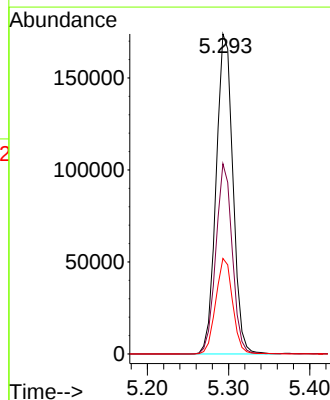
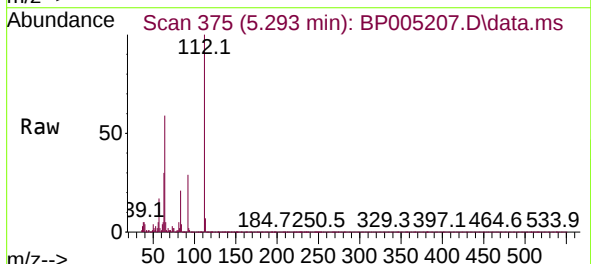
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BNA_P
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SP-15TH-STREET

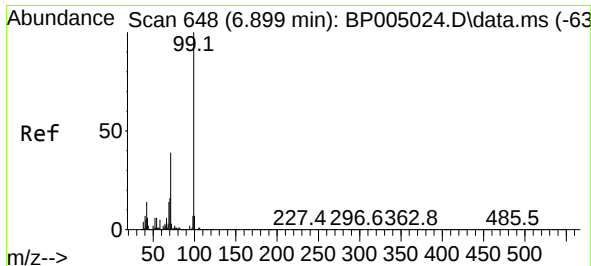
Tgt Ion:152 Resp: 23478
Ion Ratio Lower Upper
152 100
150 159.3 123.8 185.6
115 64.3 43.8 65.6



#5
2-Fluorophenol
Concen: 163.86 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:112 Resp: 249992
Ion Ratio Lower Upper
112 100
64 59.4 32.8 49.2#
63 29.9 17.0 25.4#

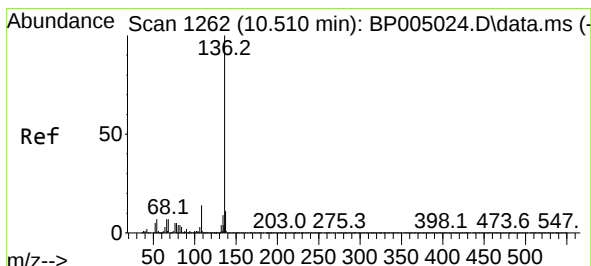
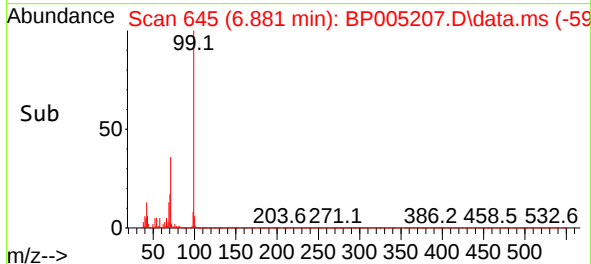
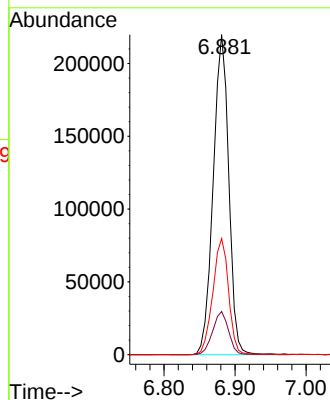
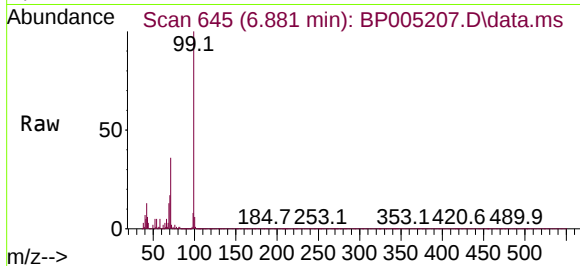




#7
Phenol-d6
Concen: 152.68 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

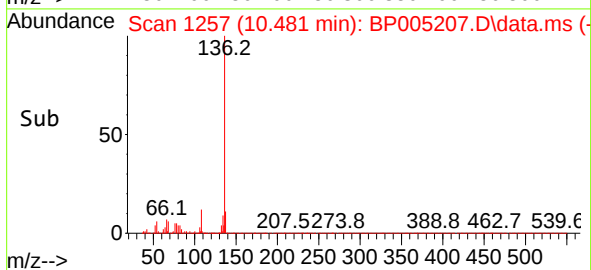
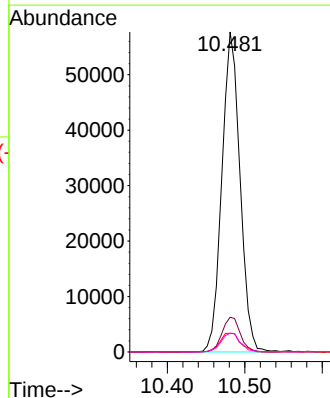
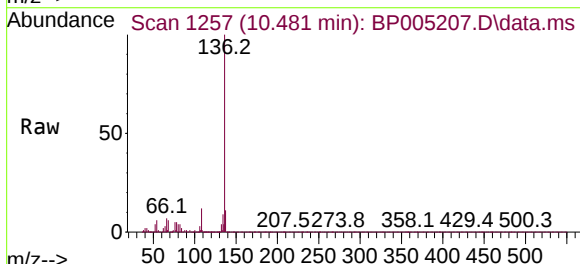
Instrument :
BNA_P
ClientSampleId :
SP-15TH-STREET

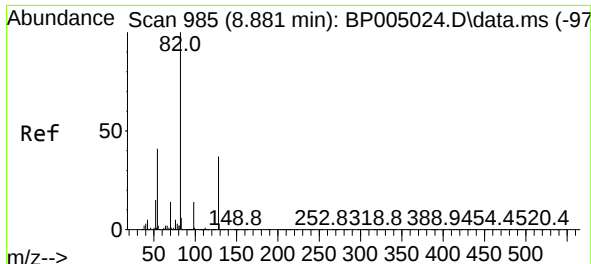
Tgt Ion: 99 Resp: 333647
Ion Ratio Lower Upper
99 100
42 13.5 8.6 13.0#
71 36.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion: 136 Resp: 93899
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.9 3.6 5.4#
68 5.9 3.3 4.9#

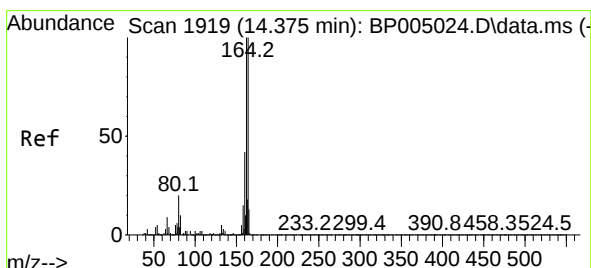
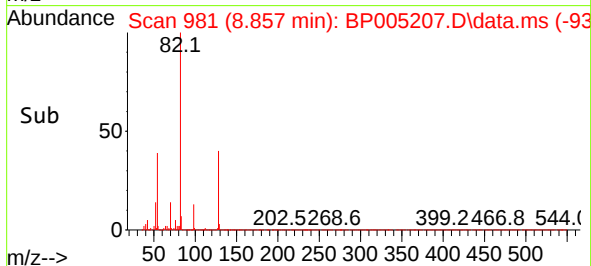
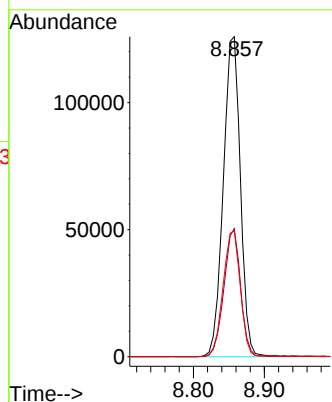
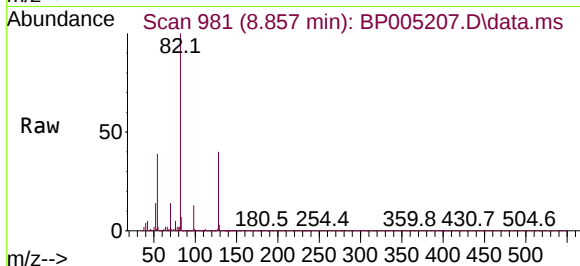




#23
Nitrobenzene-d5
Concen: 95.75 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

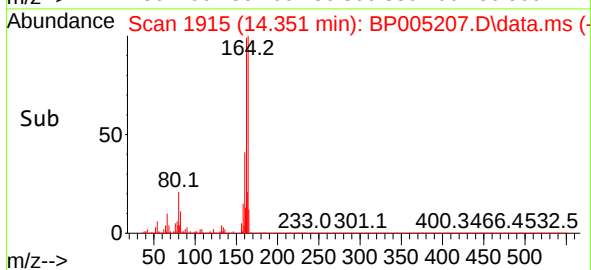
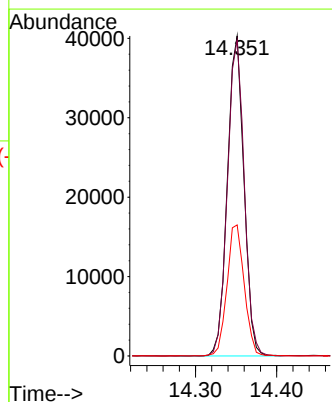
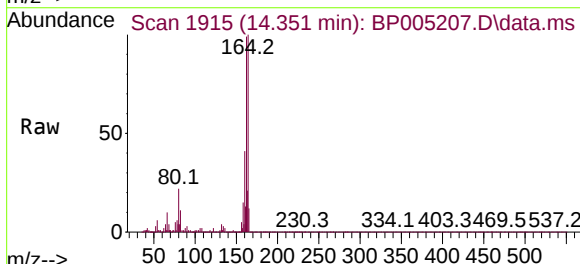
Instrument :
BNA_P
ClientSampleId :
SP-15TH-STREET

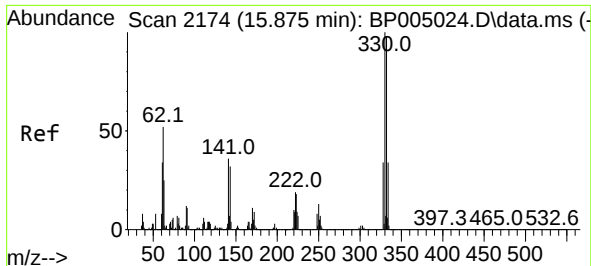
Tgt Ion: 82 Resp: 209542
Ion Ratio Lower Upper
82 100
128 40.0 45.6 68.4#
54 39.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:164 Resp: 57042
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.2
160 40.9 36.1 54.1

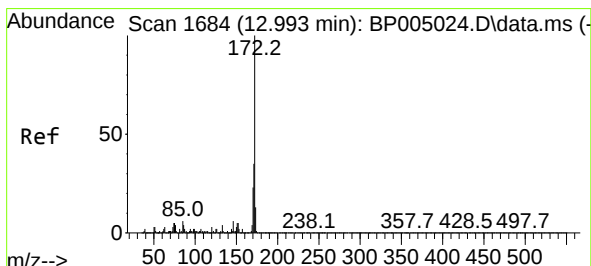
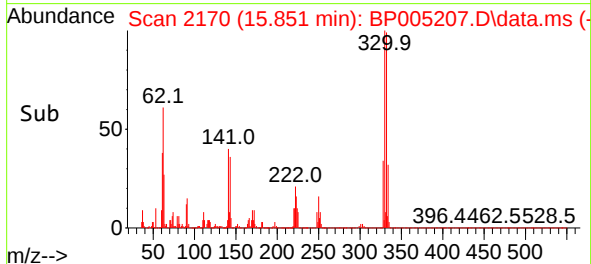
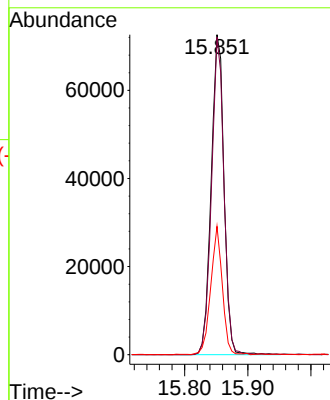
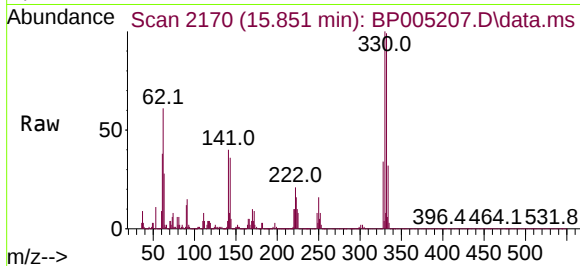




#42
2,4,6-Tribromophenol
Concen: 137.40 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

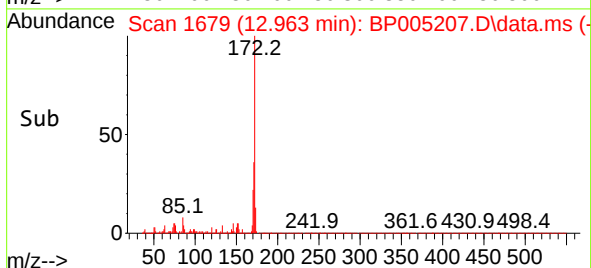
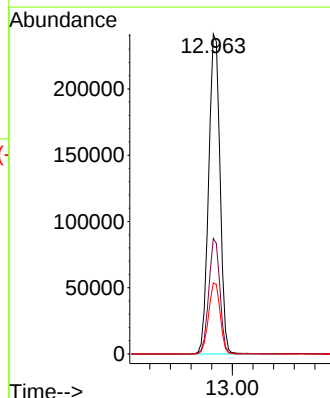
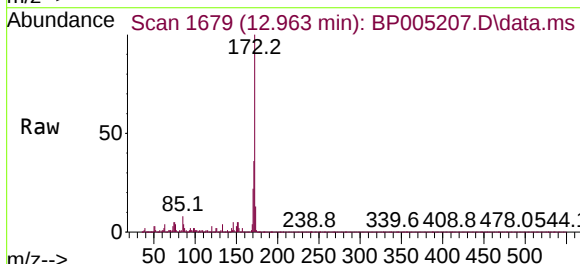
Instrument :
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ClientSampleId :
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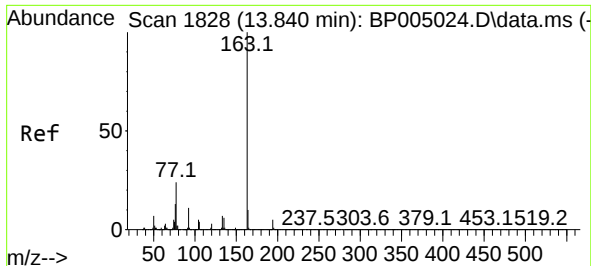
Tgt Ion:330 Resp: 102115
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 36.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 87.11 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:172 Resp: 367341
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 22.2 19.2 28.8

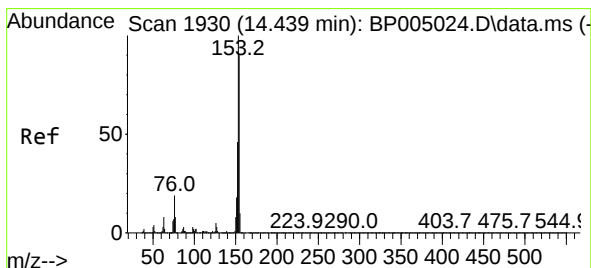
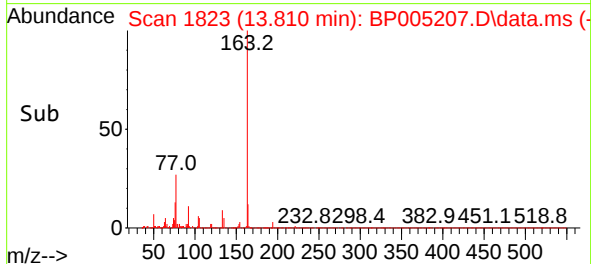
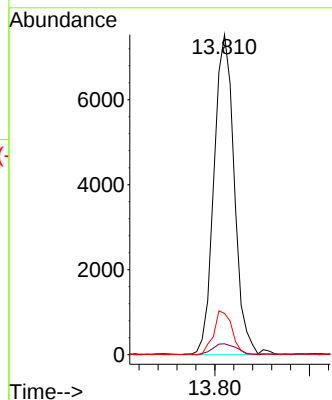
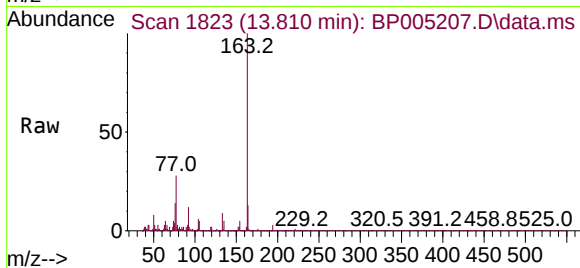




#50
Dimethylphthalate
Concen: 2.56 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

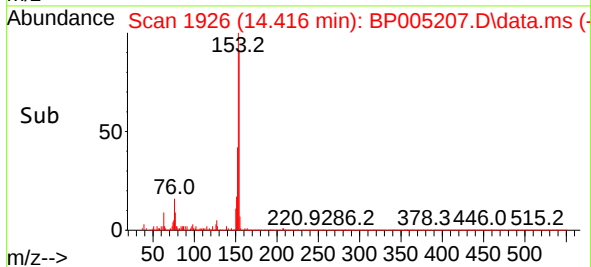
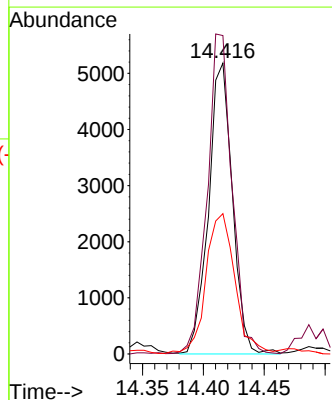
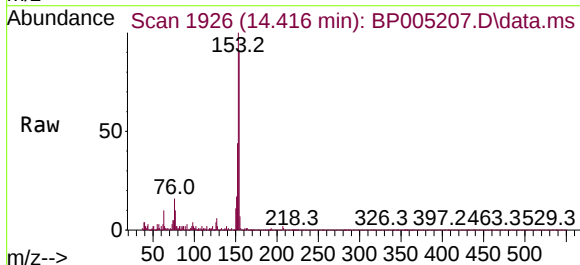
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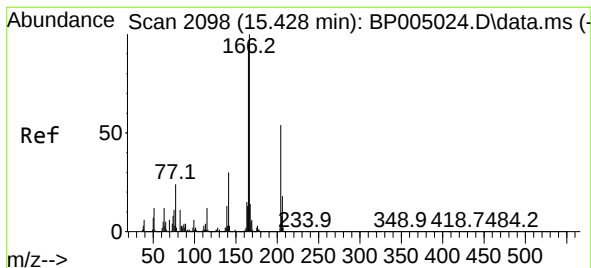
Tgt Ion:163 Resp: 11236
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 12.9 8.2 12.2#



#52
Acenaphthene
Concen: 2.09 ng
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:154 Resp: 7080
Ion Ratio Lower Upper
154 100
153 109.4 91.0 136.6
152 48.2 43.0 64.6





#58

Fluorene

Concen: 2.03 ng

RT: 15.404 min Scan# 2094

Delta R.T. -0.006 min

Lab File: BP005207.D

Acq: 06 Apr 2021 21:07

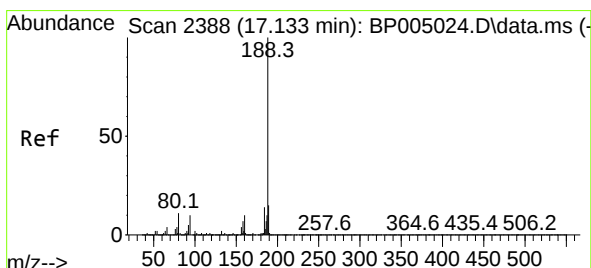
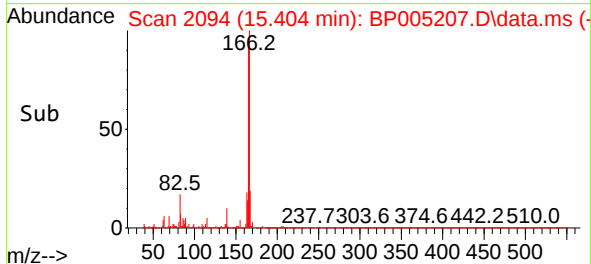
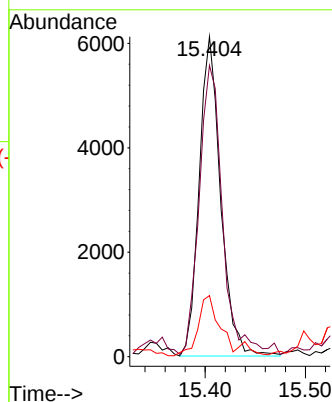
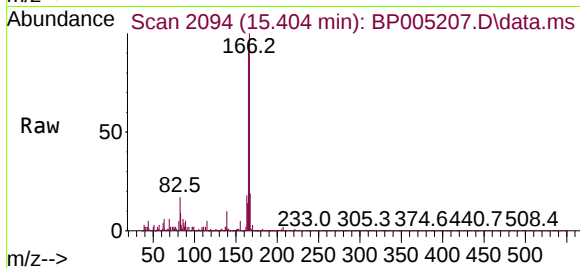
Instrument :

BNA_P

ClientSampleId :

SP-15TH-STREET

Tgt Ion:166	Resp:	9120
Ion Ratio	Lower	Upper
166	100	
165	91.1	77.8 116.8
167	19.1	11.0 16.4#



#64

Phenanthrene-d10

Concen: 20.00 ng

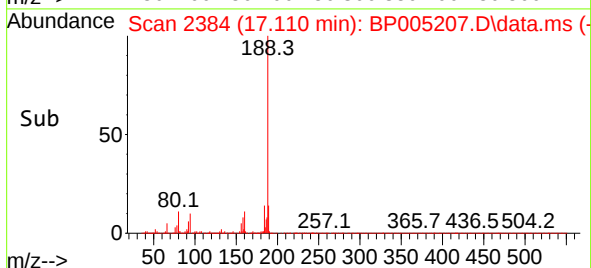
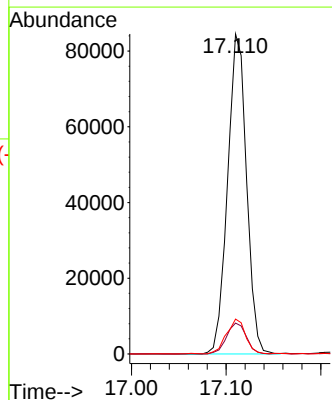
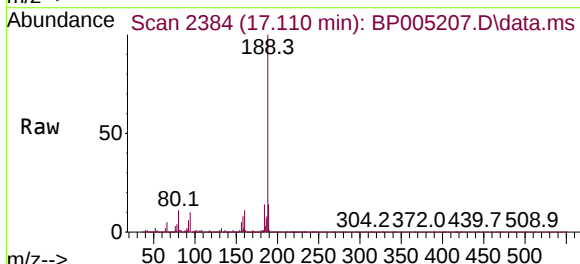
RT: 17.110 min Scan# 2384

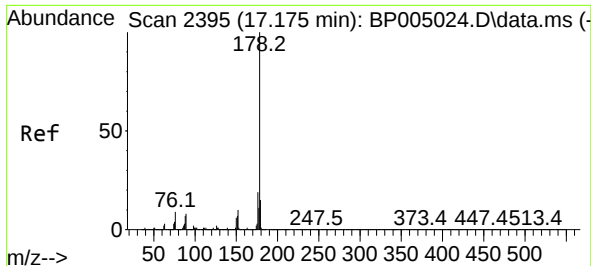
Delta R.T. -0.006 min

Lab File: BP005207.D

Acq: 06 Apr 2021 21:07

Tgt Ion:188	Resp:	117578
Ion Ratio	Lower	Upper
188	100	
94	9.7	6.2 9.2#
80	10.9	6.2 9.2#

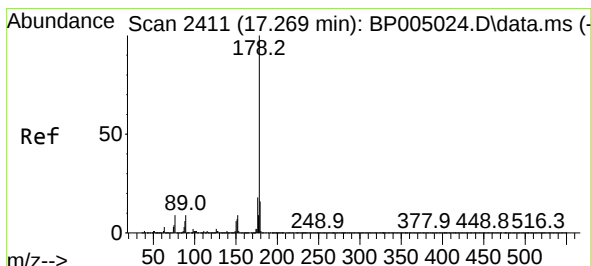
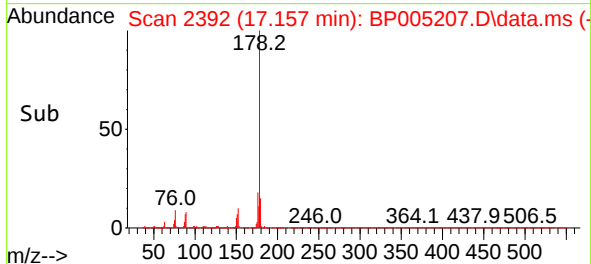
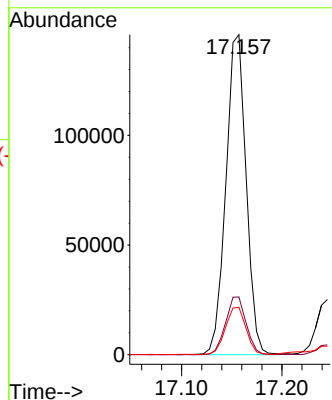
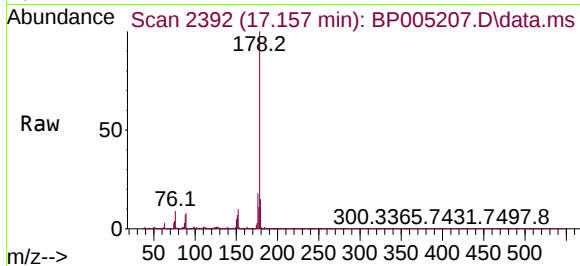




#71
Phenanthrene
Concen: 29.96 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

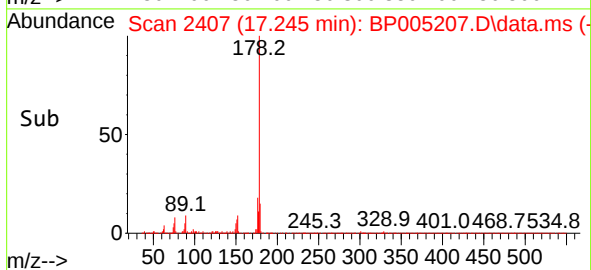
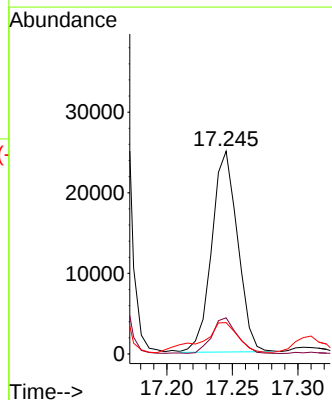
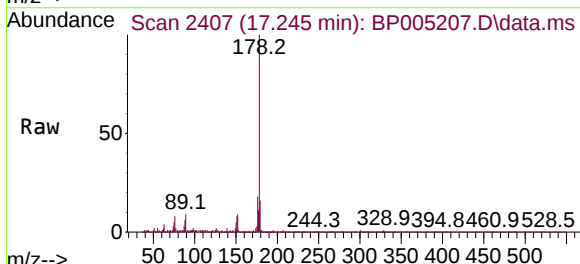
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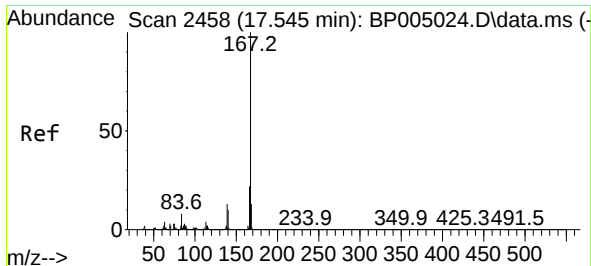
Tgt Ion:178 Resp: 204214
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 14.8 12.5 18.7



#72
Anthracene
Concen: 5.13 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:178 Resp: 34189
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 15.5 12.5 18.7

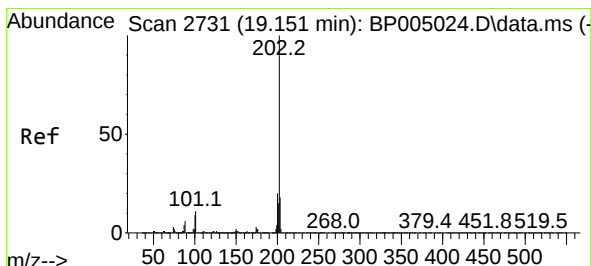
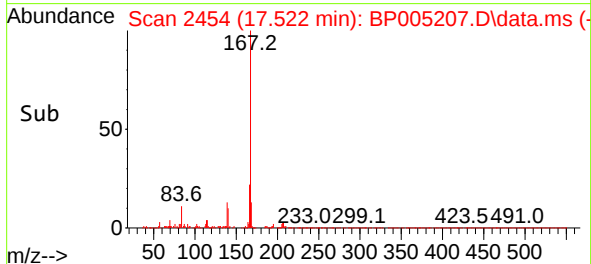
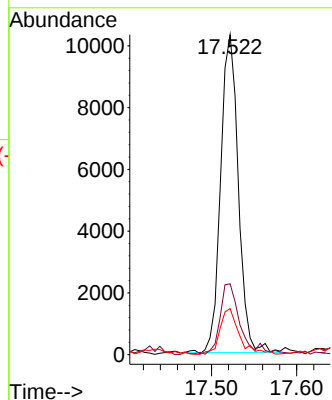
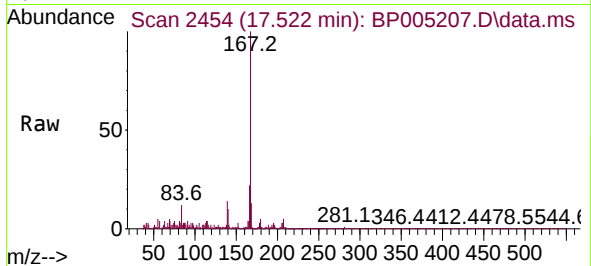




#73
 Carbazole
 Concen: 2.37 ng
 RT: 17.522 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BP005207.D
 Acq: 06 Apr 2021 21:07

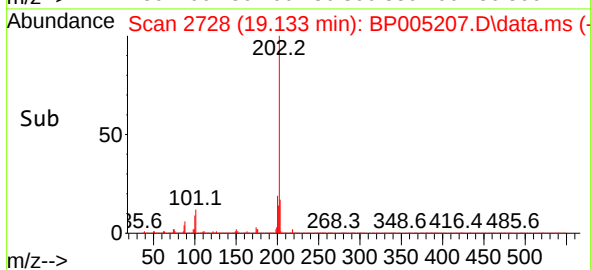
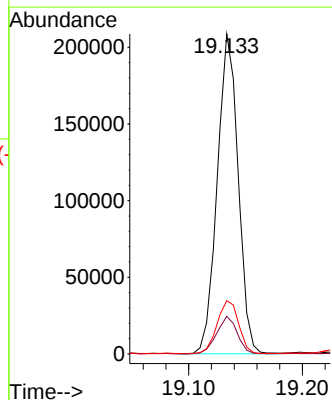
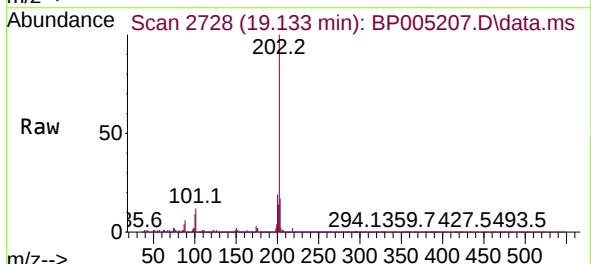
Instrument :
 BNA_P
 ClientSampleId :
 SP-15TH-STREET

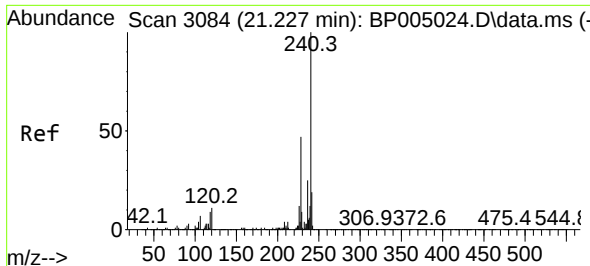
Tgt Ion:167	Resp:	14851
Ion Ratio	Lower	Upper
167	100	
166	22.1	17.6 26.4
139	14.4	10.2 15.4



#75
 Fluoranthene
 Concen: 33.28 ng
 RT: 19.133 min Scan# 2728
 Delta R.T. 0.000 min
 Lab File: BP005207.D
 Acq: 06 Apr 2021 21:07

Tgt Ion:202	Resp:	266864
Ion Ratio	Lower	Upper
202	100	
101	11.8	0.0 29.4
203	16.7	0.0 37.8

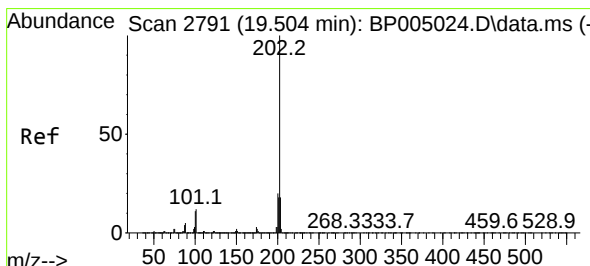
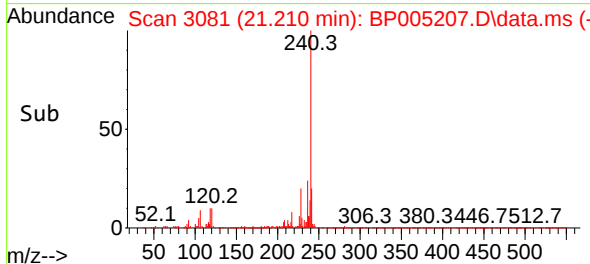
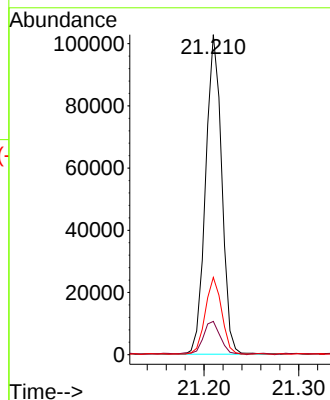
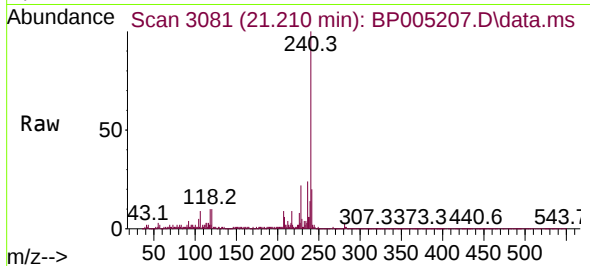




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

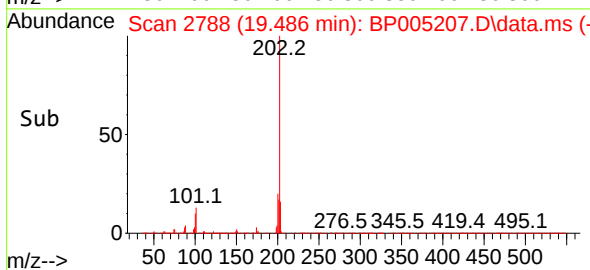
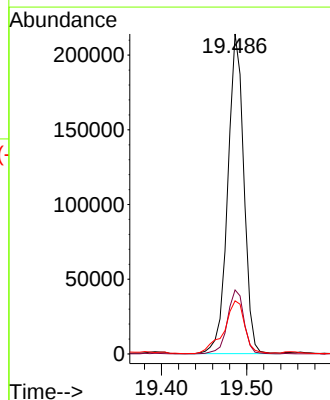
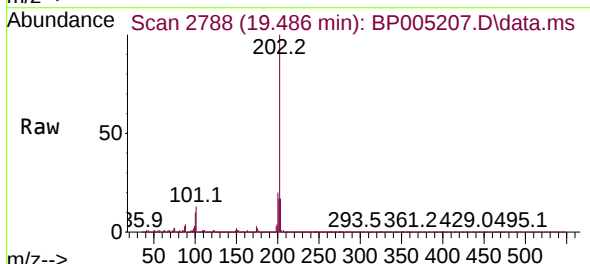
Instrument :
BNA_P
ClientSampleId :
SP-15TH-STREET

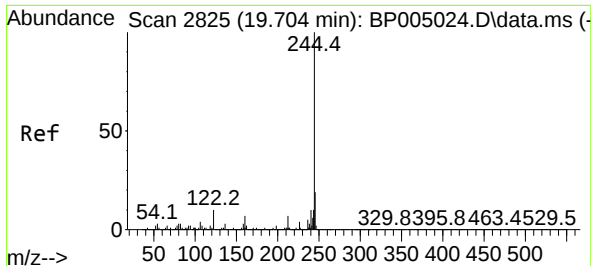
Tgt Ion:240 Resp: 121456
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 24.2 20.8 31.2



#78
Pyrene
Concen: 33.64 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:202 Resp: 280734
Ion Ratio Lower Upper
202 100
200 20.0 17.1 25.7
203 16.6 14.2 21.2

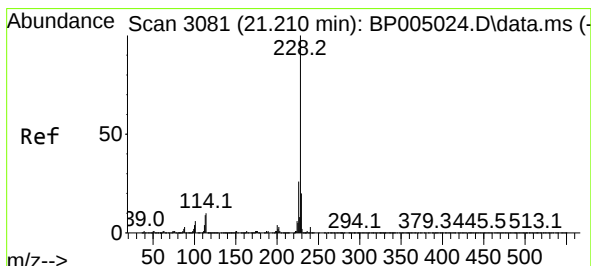
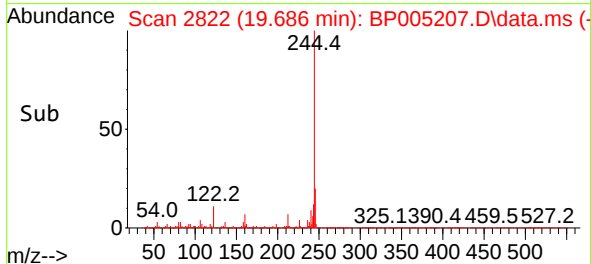
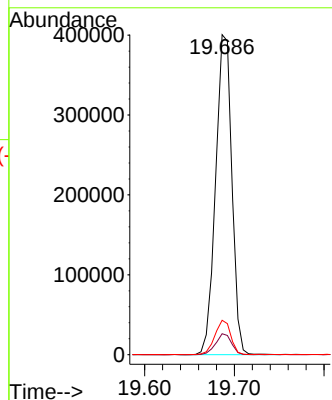
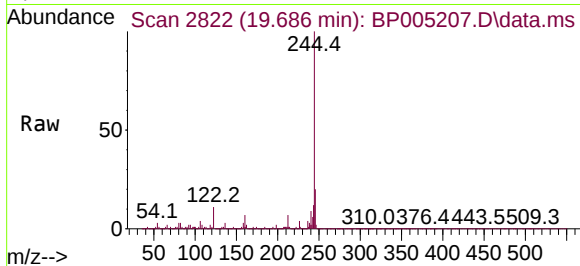




#79
Terphenyl-d14
Concen: 75.49 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

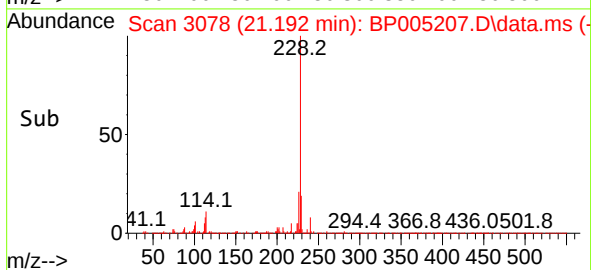
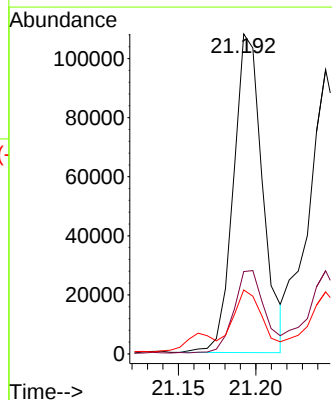
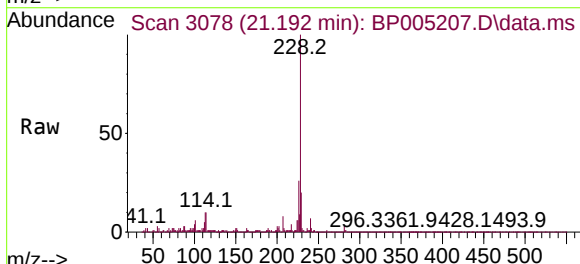
Instrument :
BNA_P
ClientSampleId :
SP-15TH-STREET

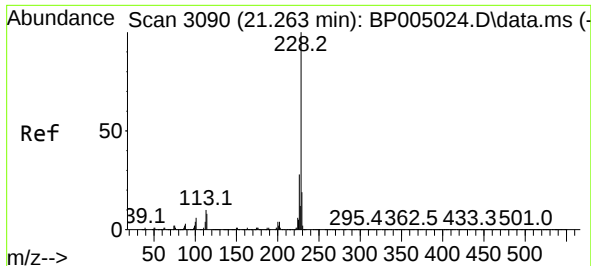
Tgt Ion:244	Resp: 503656
Ion Ratio	Lower Upper
244 100	
212 6.6	5.8 8.6
122 10.8	7.8 11.8



#81
Benzo(a)anthracene
Concen: 17.16 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:228	Resp: 141633
Ion Ratio	Lower Upper
228 100	
226 25.8	22.1 33.1
229 20.0	15.9 23.9

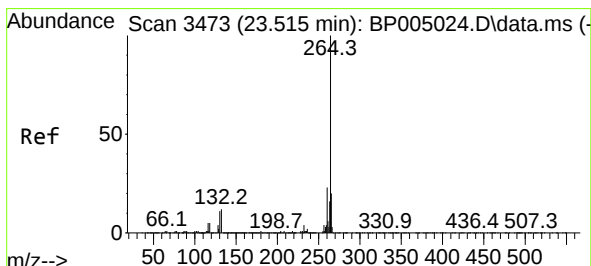
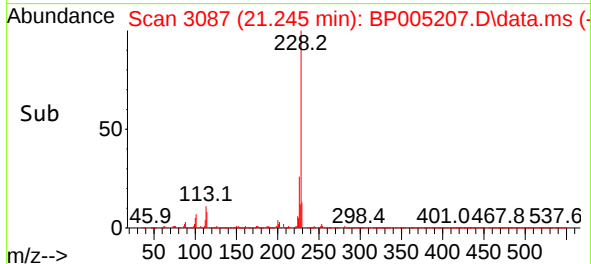
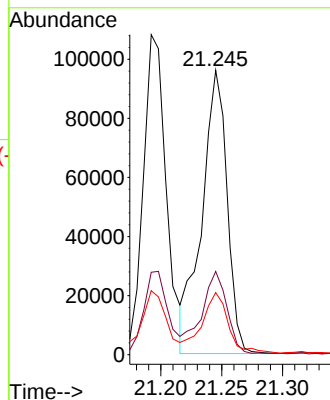
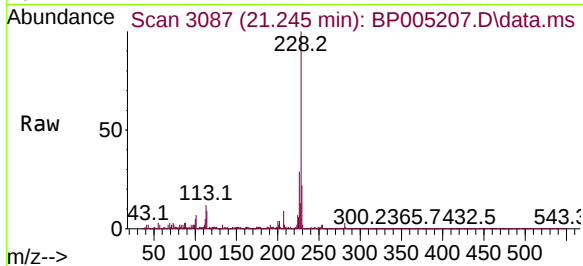




#83
Chrysene
Concen: 17.12 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

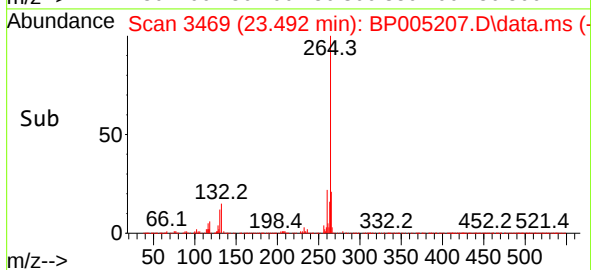
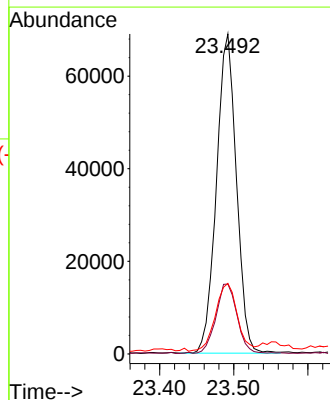
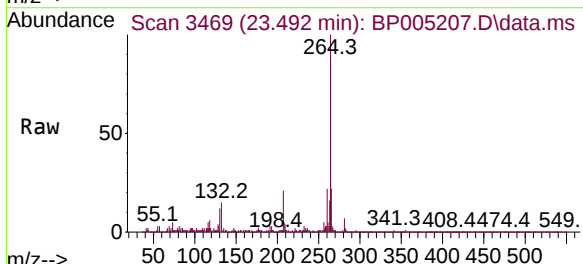
Instrument :
BNA_P
ClientSampleId :
SP-15TH-STREET

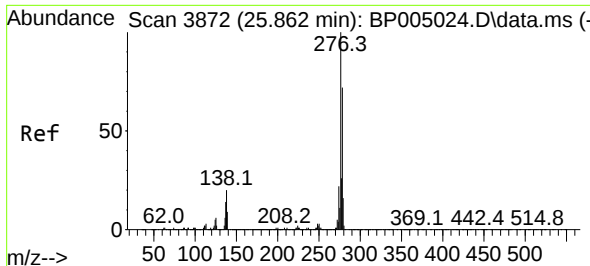
Tgt Ion:	228	Resp:	138650
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.4	36.6
229	21.8	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:	264	Resp:	128928
Ion Ratio	Lower	Upper	
264	100		
260	21.9	18.8	28.2
265	22.1	17.4	26.2

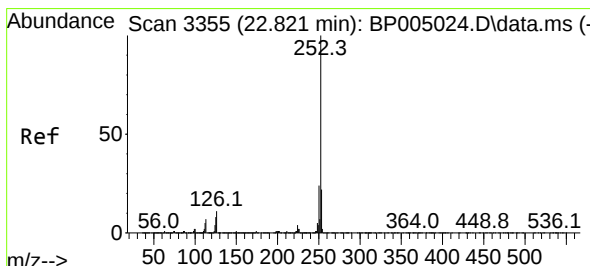
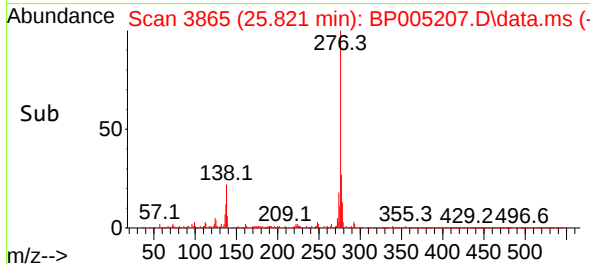
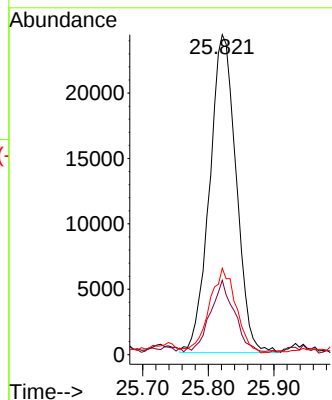
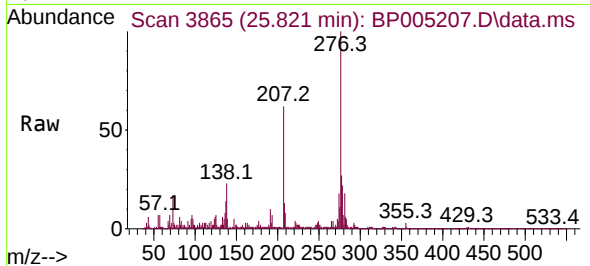




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.07 ng
RT: 25.821 min Scan# 3865
Delta R.T. -0.018 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

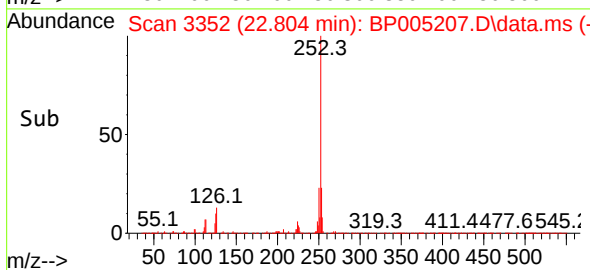
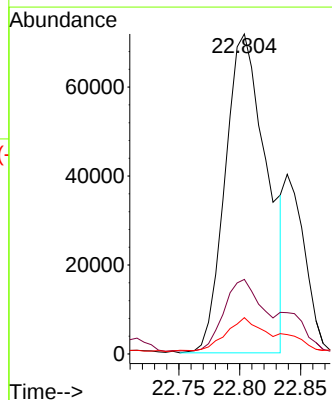
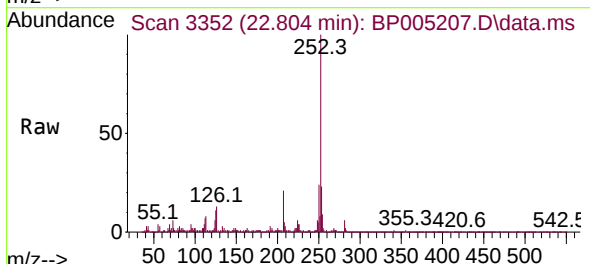
Instrument :
BNA_P
ClientSampleId :
SP-15TH-STREET

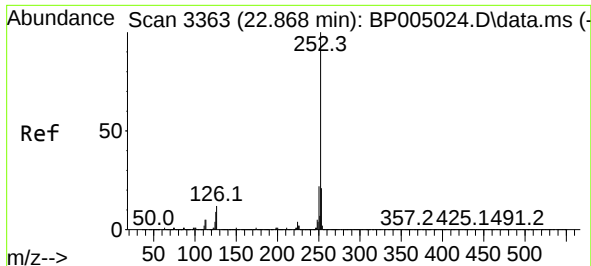
Tgt Ion:	276	Resp:	68316
Ion Ratio	Lower	Upper	
276	100		
138	20.3	18.7	28.1
277	26.3	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 18.64 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:	252	Resp:	170654
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	11.4	7.3	10.9

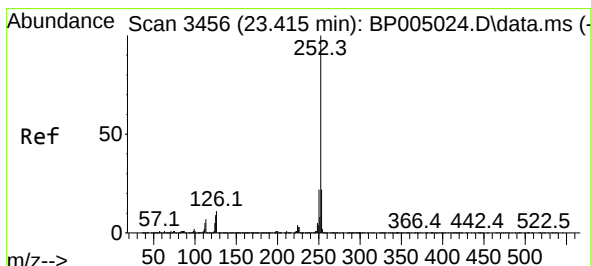
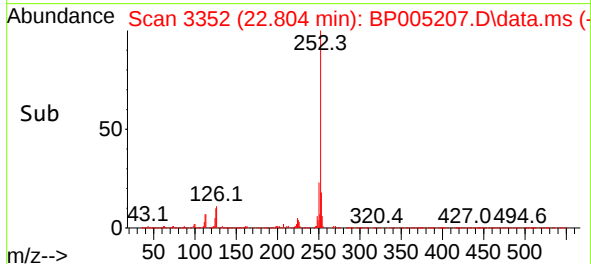
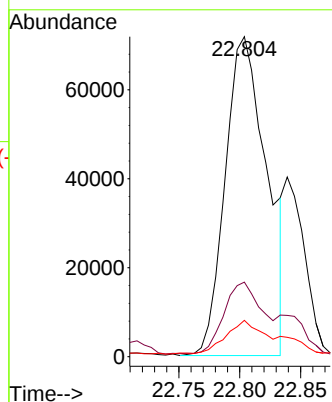
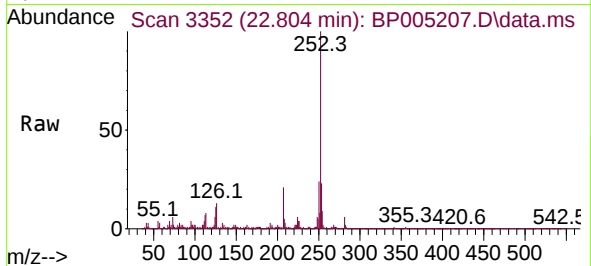




#89
Benzo(k)fluoranthene
Concen: 19.45 ng
RT: 22.804 min Scan# 3352
Delta R.T. -0.047 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

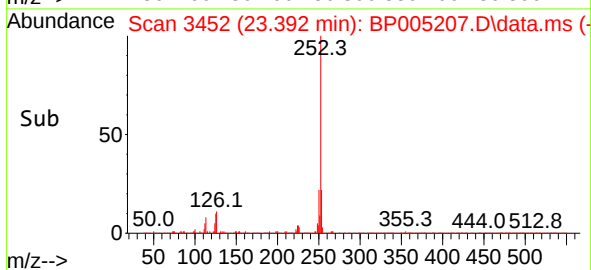
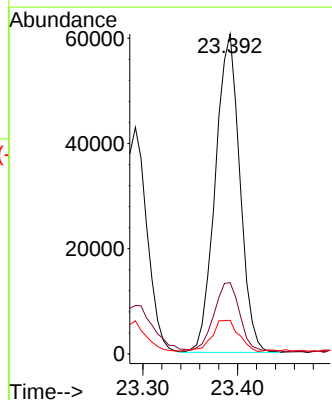
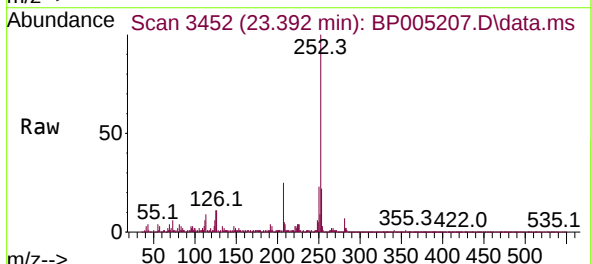
Instrument :
BNA_P
ClientSampleId :
SP-15TH-STREET

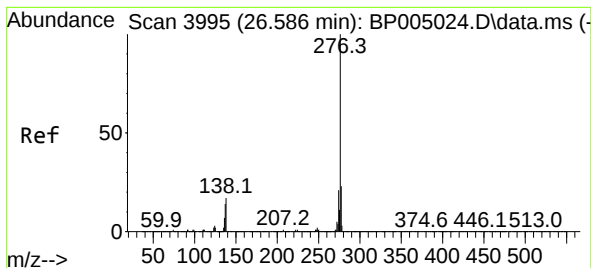
Tgt Ion:252 Resp: 170654
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 11.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 13.25 ng
RT: 23.392 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BP005207.D
Acq: 06 Apr 2021 21:07

Tgt Ion:252 Resp: 108755
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.5 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 8.15 ng

RT: 26.539 min Scan# 3987

Delta R.T. -0.012 min

Lab File: BP005207.D

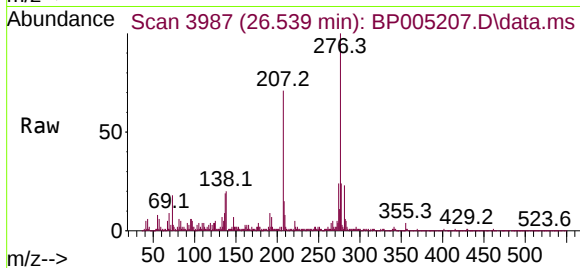
Acq: 06 Apr 2021 21:07

Instrument :

BNA_P

ClientSampleId :

SP-15TH-STREET



Tgt Ion: 276 Resp: 65740

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 20.3 16.6 24.8

