

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006119.D
 Acq On : 30 Jun 2021 21:39
 Operator : CG/JU
 Sample : M2894-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAT-TP

Quant Time: Jul 01 03:08:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

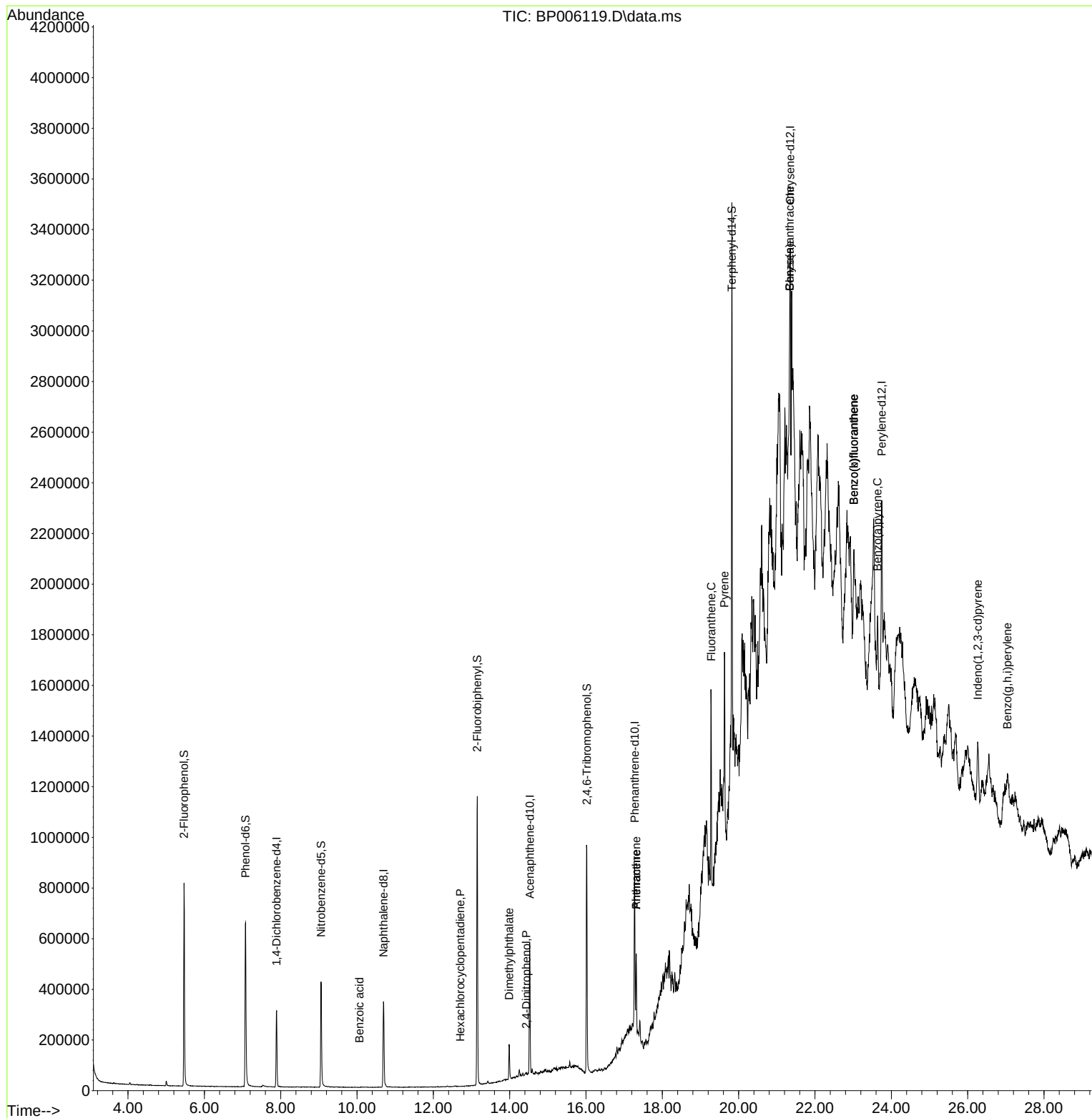
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	88743	20.00	ng	0.00
21) Naphthalene-d8	10.692	136	321908	20.00	ng	0.00
39) Acenaphthene-d10	14.528	164	189900	20.00	ng	0.00
64) Phenanthrene-d10	17.274	188	381093	20.00	ng	0.00
76) Chrysene-d12	21.351	240	450788	20.00	ng	0.00
86) Perylene-d12	23.751	264	547704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	378058	68.36	ng	0.00
7) Phenol-d6	7.081	99	446200	62.25	ng	0.00
23) Nitrobenzene-d5	9.057	82	272090	41.44	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	220680	67.72	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	605359	41.86	ng	0.00
79) Terphenyl-d14	19.821	244	979494	40.69	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.063	122	18	6.32	ng	# 1
41) Hexachlorocyclopentadiene	12.704	237	7	5.51	ng	# 39
50) Dimethylphthalate	13.986	163	99034	6.34	ng	99
54) 2,4-Dinitrophenol	14.433	184	97	4.89	ng	90
71) Phenanthrene	17.316	178	176510	7.71	ng	99
72) Anthracene	17.316	178	176510	7.84	ng	99
75) Fluoranthene	19.280	202	440757	15.86	ng	98
78) Pyrene	19.627	202	445859	14.17	ng	99
81) Benzo(a)anthracene	21.333	228	270915	8.33	ng	98
83) Chrysene	21.333	228	270915	8.60	ng	95
87) Indeno(1,2,3-cd)pyrene	26.268	276	197987	4.23	ng	98
88) Benzo(b)fluoranthene	23.021	252	494071	13.17	ng	# 89
89) Benzo(k)fluoranthene	23.021	252	494214	13.59	ng	# 89
90) Benzo(a)pyrene	23.639	252	263840	7.48	ng	# 89
92) Benzo(g,h,i)perylene	27.044	276	194375	4.88	ng	# 91

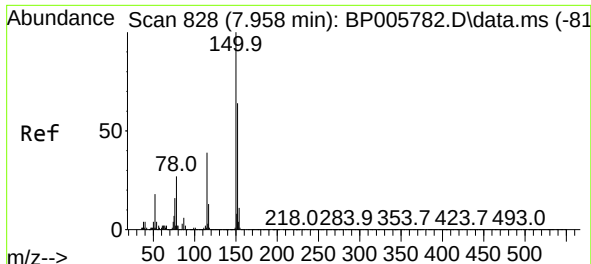
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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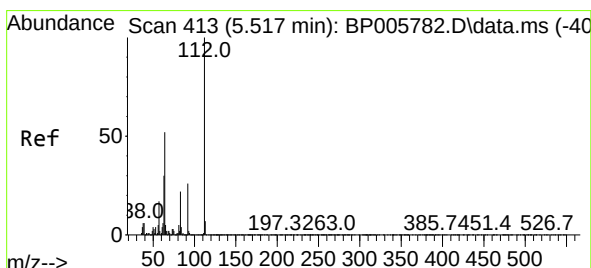
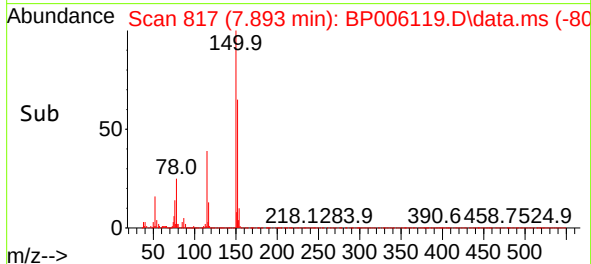
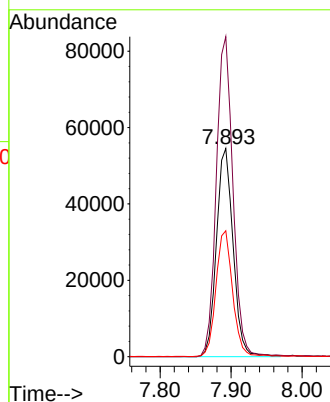
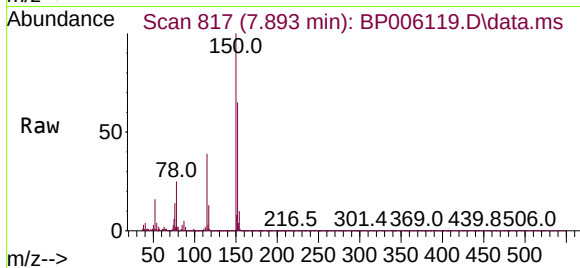




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

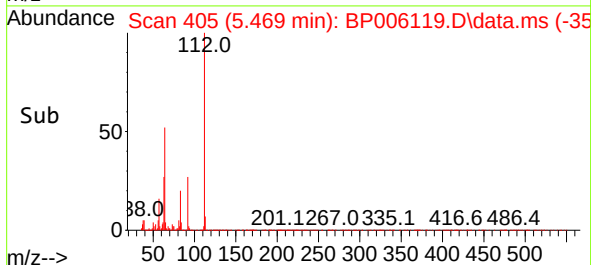
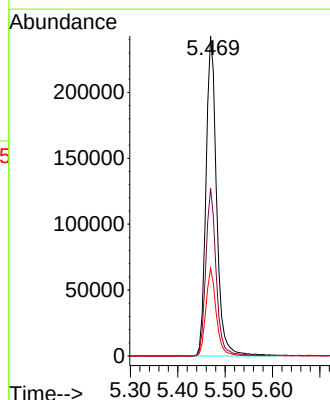
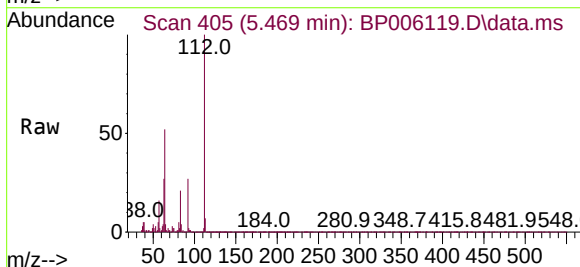
Instrument :
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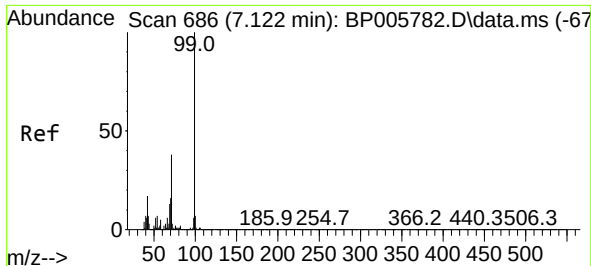
Tgt Ion:152 Resp: 88743
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 60.5 48.5 72.7



#5
2-Fluorophenol
Concen: 68.36 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion:112 Resp: 378058
Ion Ratio Lower Upper
112 100
64 52.4 41.4 62.2
63 27.4 23.8 35.8

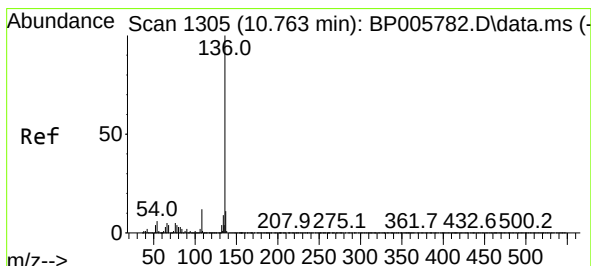
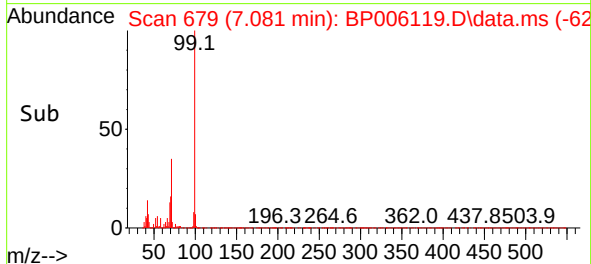
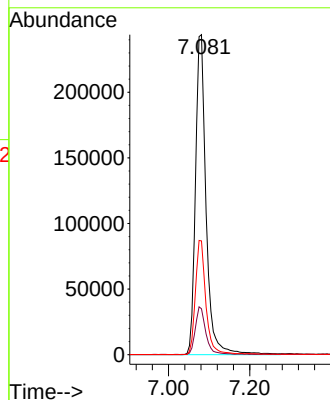
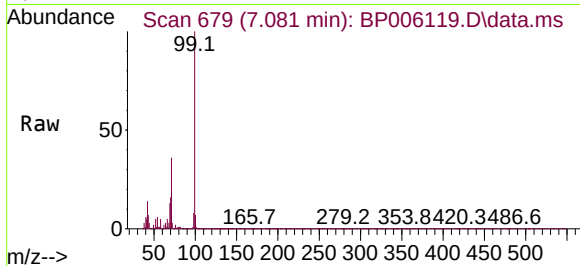




#7
Phenol-d6
Concen: 62.25 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

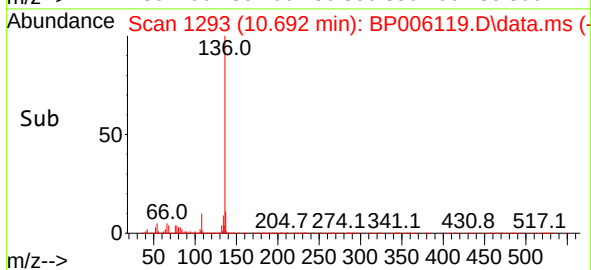
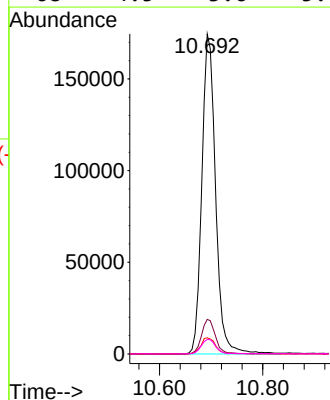
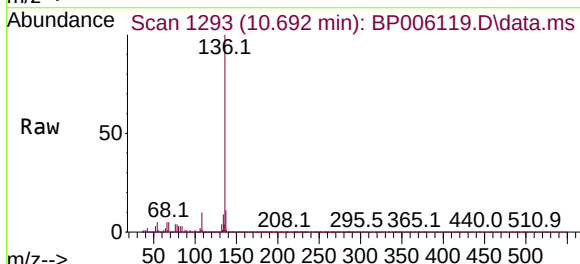
Instrument :
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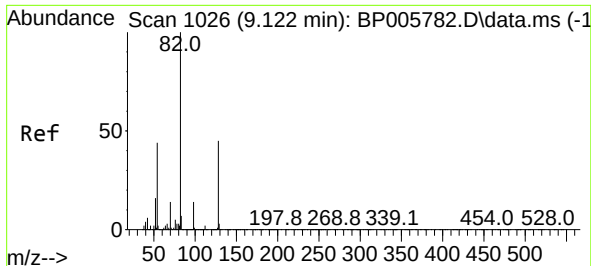
Tgt Ion: 99 Resp: 446200
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 35.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion: 136 Resp: 321908
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 5.1 4.6 6.8
68 4.5 3.6 5.4

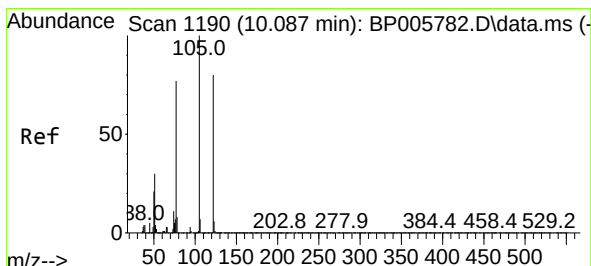
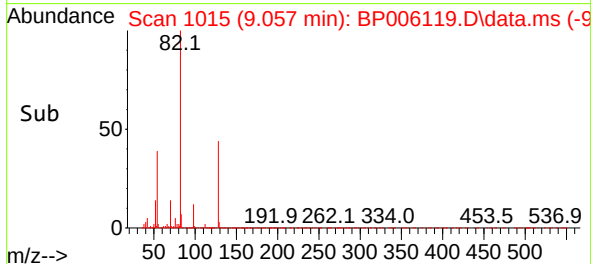
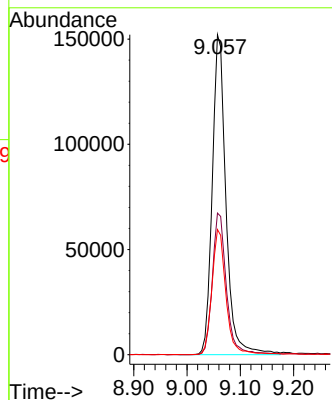
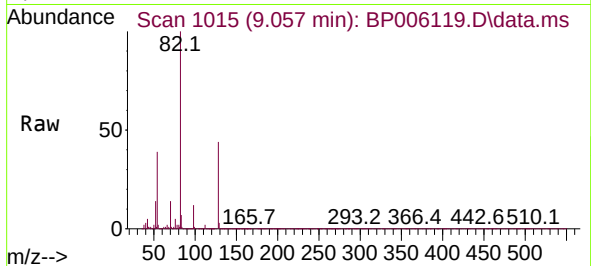




#23
Nitrobenzene-d5
Concen: 41.44 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

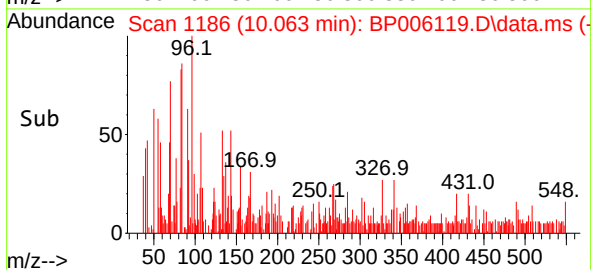
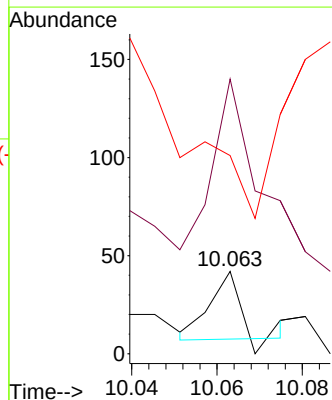
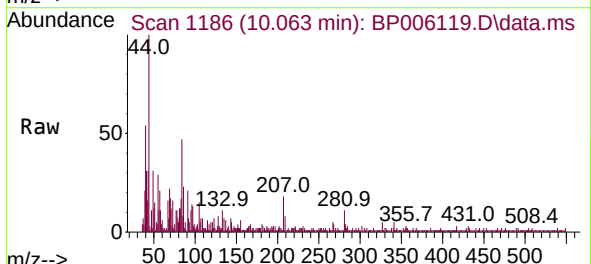
Instrument :
BNA_P
ClientSampleId :
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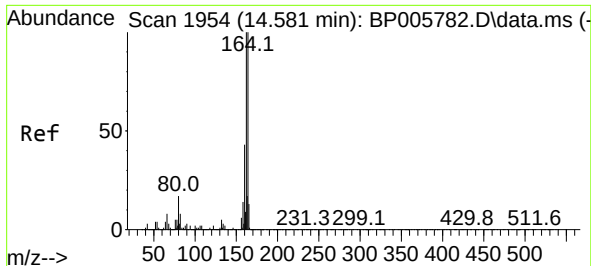
Tgt Ion: 82 Resp: 272090
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 39.1 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion:122 Resp: 18
Ion Ratio Lower Upper
122 100
105 333.3 103.2 143.2#
77 240.5 76.2 116.2#

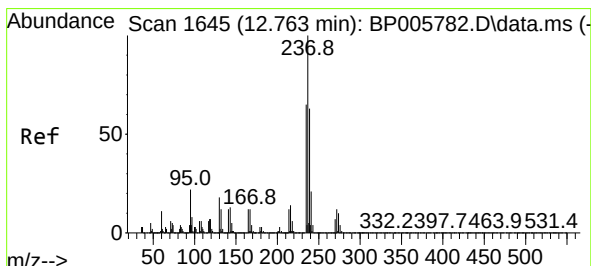
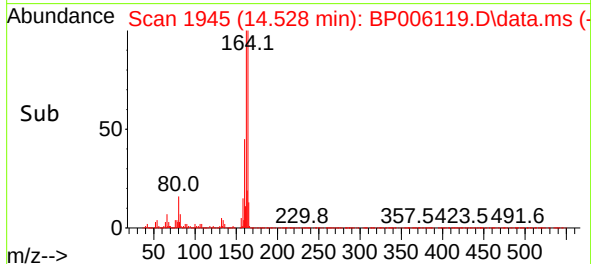
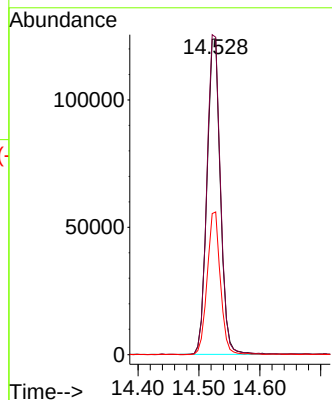
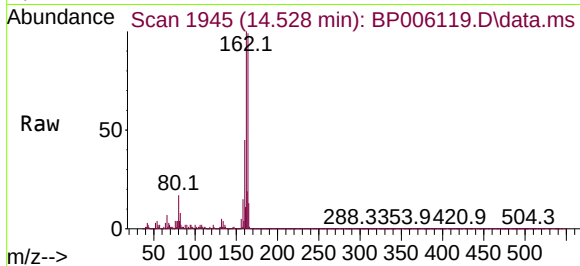




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

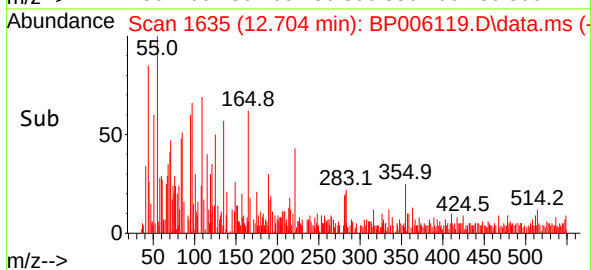
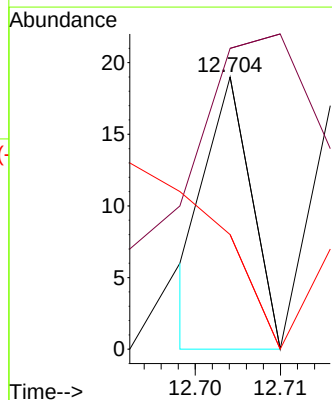
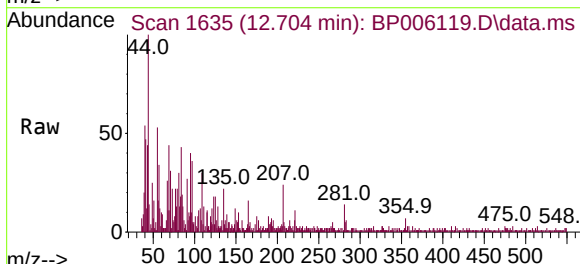
Instrument :
BNA_P
ClientSampleId :
PAT-TP

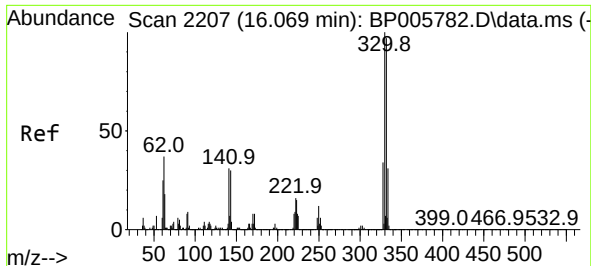
Tgt Ion:164 Resp: 189900
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 45.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.704 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion:237 Resp: 7
Ion Ratio Lower Upper
237 100
235 110.5 44.5 84.5#
272 42.1 0.0 32.5#

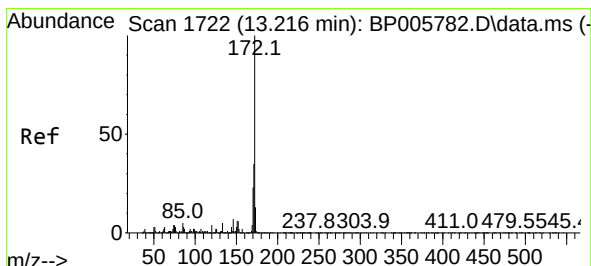
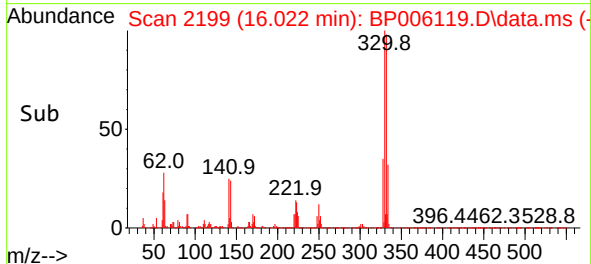
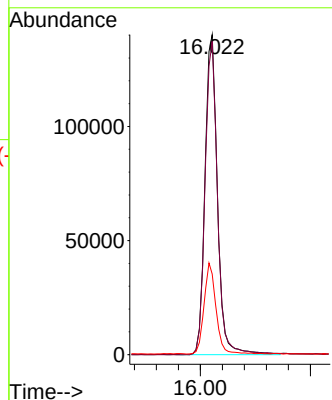
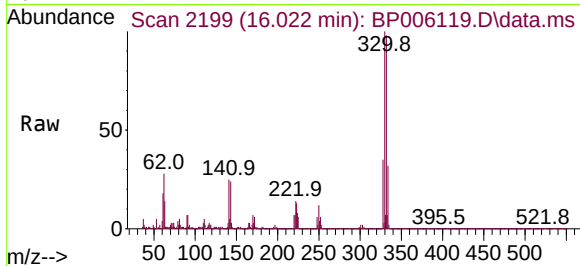




#42
2,4,6-Tribromophenol
Concen: 67.72 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

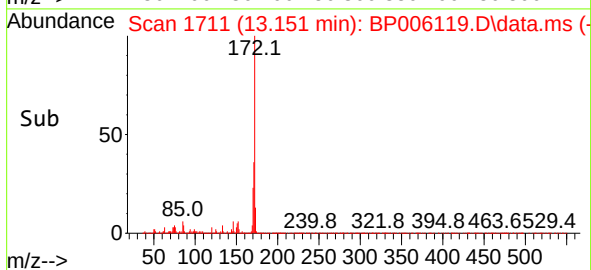
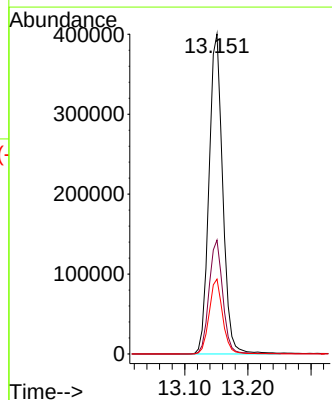
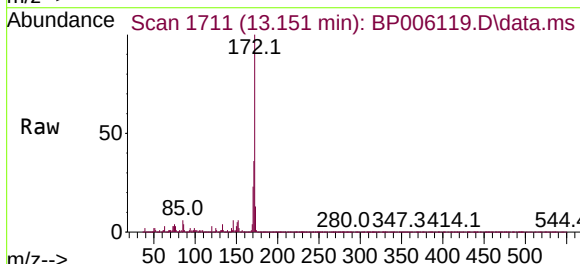
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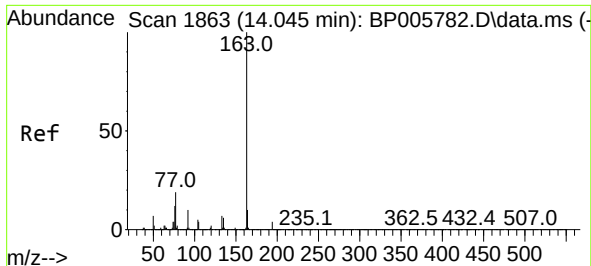
Tgt Ion: 330 Resp: 220680
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 27.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 41.86 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion: 172 Resp: 605359
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.4 18.6 27.8

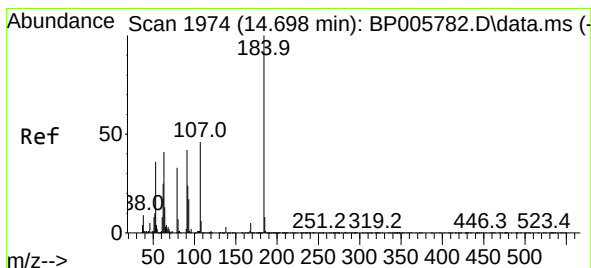
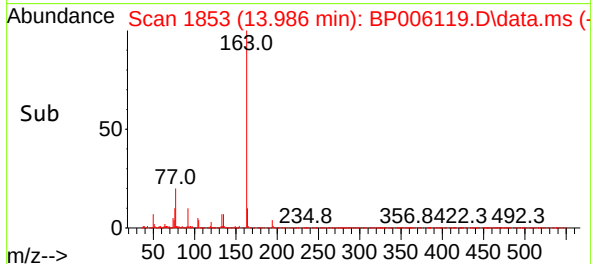
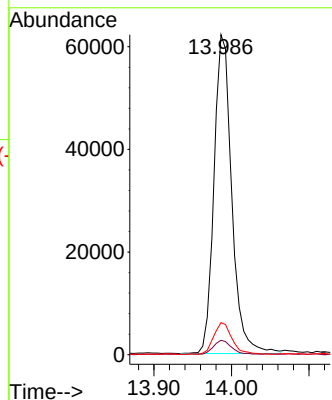
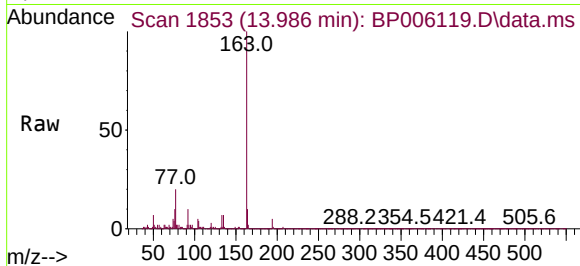




#50
Dimethylphthalate
Concen: 6.34 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

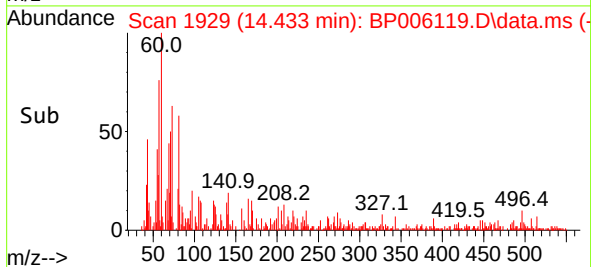
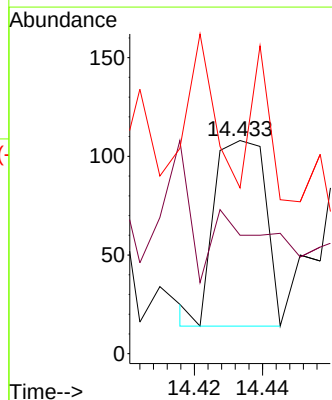
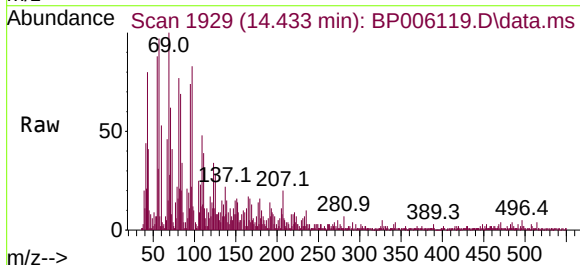
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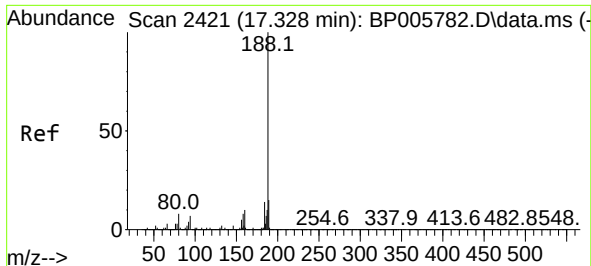
Tgt Ion:163 Resp: 99034
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.89 ng
RT: 14.433 min Scan# 1929
Delta R.T. -0.235 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion:184 Resp: 97
Ion Ratio Lower Upper
184 100
63 55.6 47.0 70.6
154 77.8 52.3 78.5

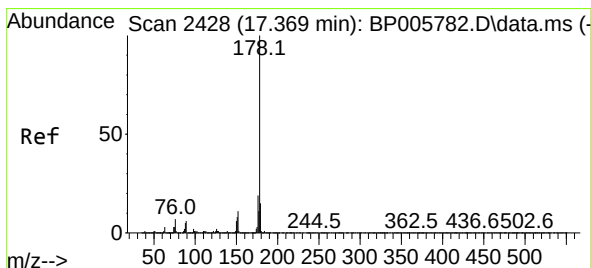
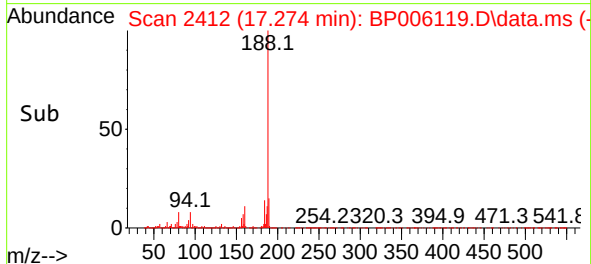
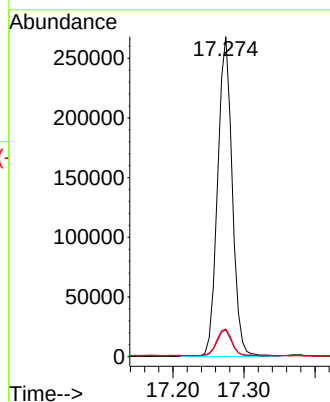
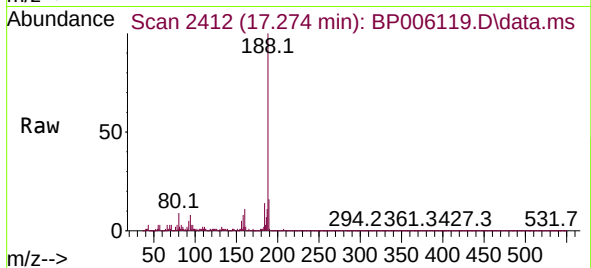




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

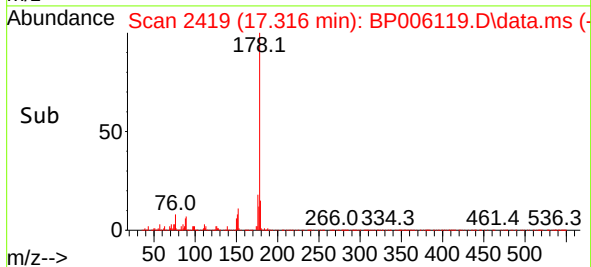
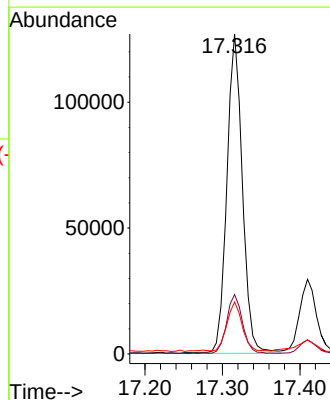
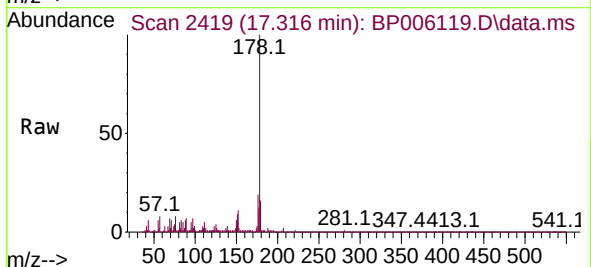
Instrument :
BNA_P
ClientSampleId :
PAT-TP

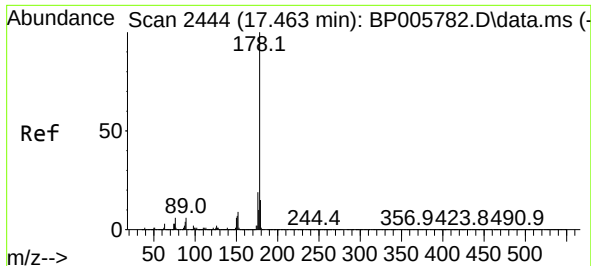
Tgt Ion:188 Resp: 381093
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4
80 8.7 6.3 9.5



#71
Phenanthrene
Concen: 7.71 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion:178 Resp: 176510
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 16.3 12.4 18.6

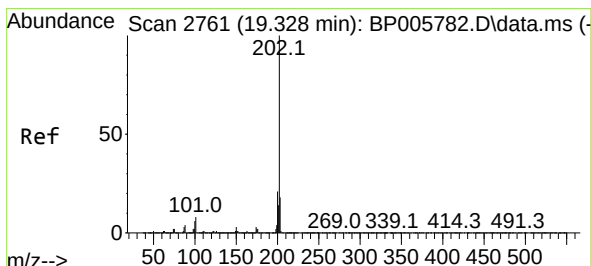
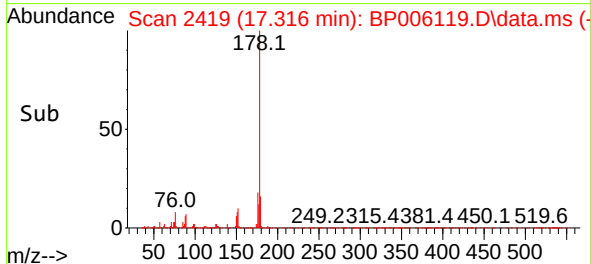
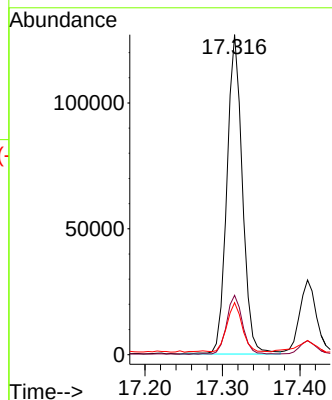
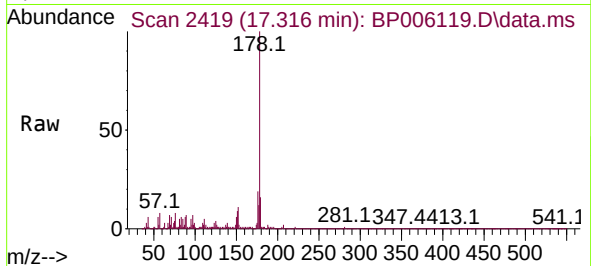




#72
 Anthracene
 Concen: 7.84 ng
 RT: 17.316 min Scan# 2419
 Delta R.T. -0.094 min
 Lab File: BP006119.D
 Acq: 30 Jun 2021 21:39

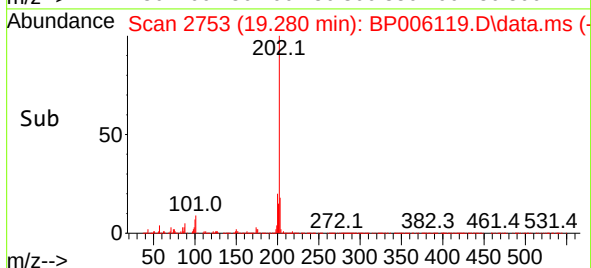
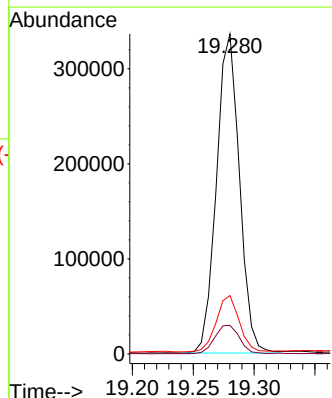
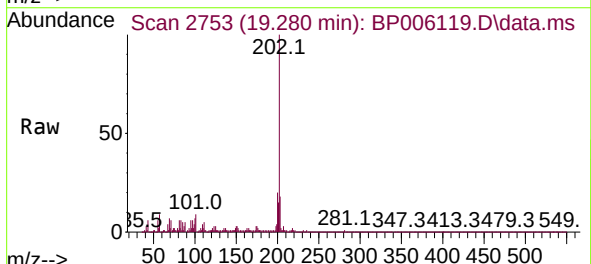
Instrument :
 BNA_P
 ClientSampleId :
 PAT-TP

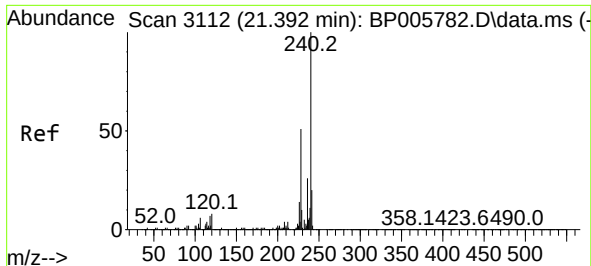
Tgt Ion:178 Resp: 176510
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 16.3 12.2 18.2



#75
 Fluoranthene
 Concen: 15.86 ng
 RT: 19.280 min Scan# 2753
 Delta R.T. -0.006 min
 Lab File: BP006119.D
 Acq: 30 Jun 2021 21:39

Tgt Ion:202 Resp: 440757
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 27.6
 203 18.3 0.0 37.8

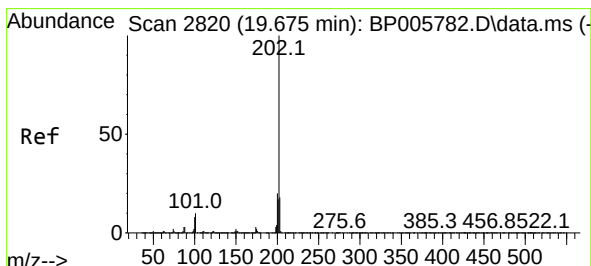
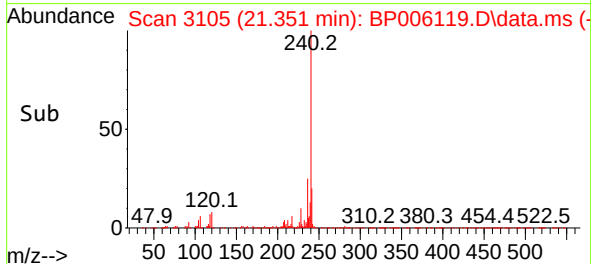
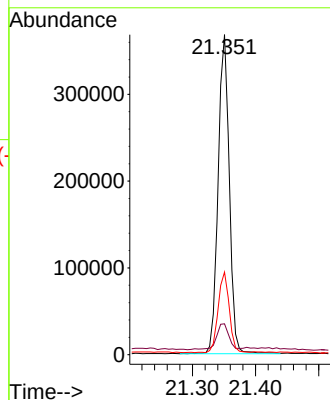
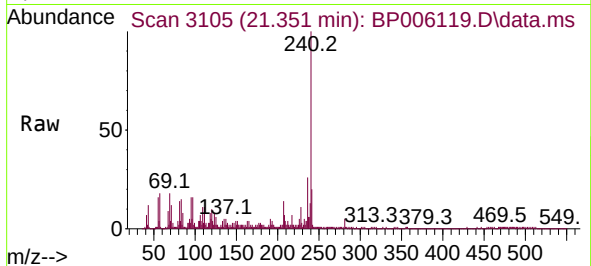




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

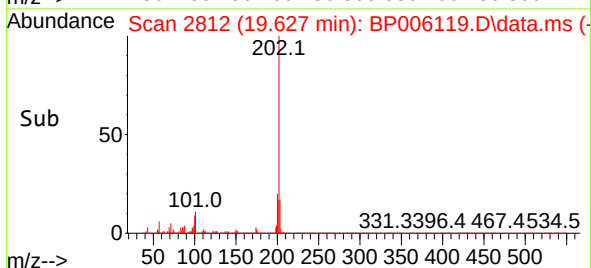
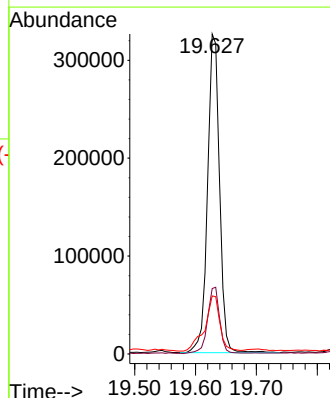
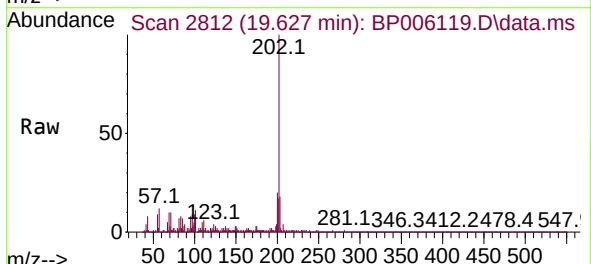
Instrument :
BNA_P
ClientSampleId :
PAT-TP

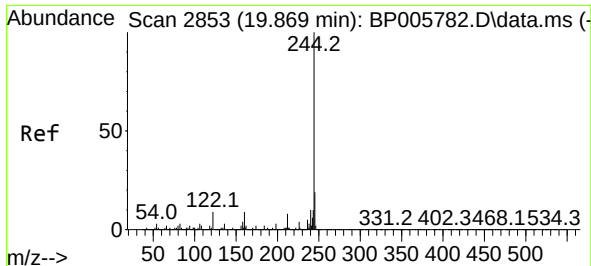
Tgt Ion:240 Resp: 450788
Ion Ratio Lower Upper
240 100
120 9.7 6.5 9.7
236 25.8 20.6 31.0



#78
Pyrene
Concen: 14.17 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion:202 Resp: 445859
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 18.2 14.2 21.2

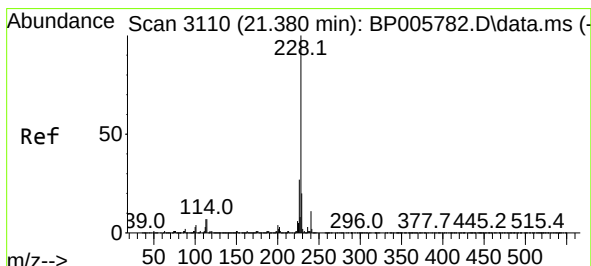
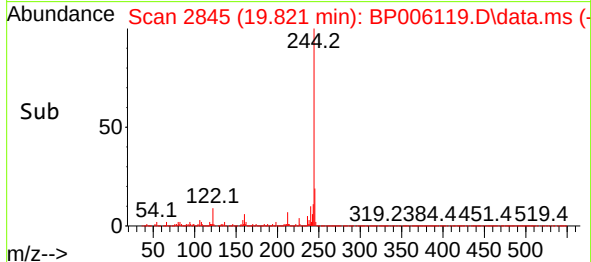
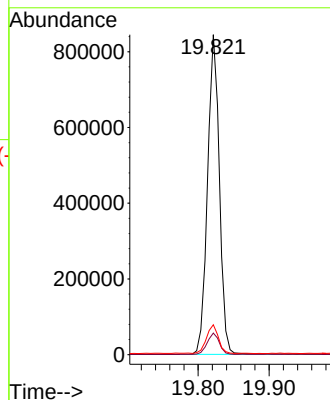
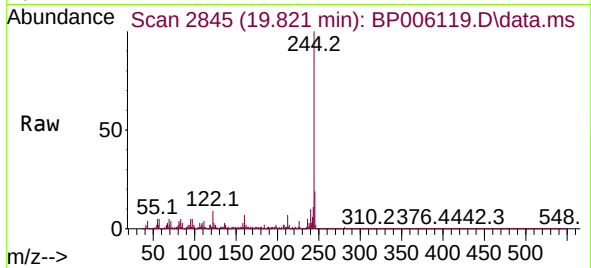




#79
 Terphenyl-d14
 Concen: 40.69 ng
 RT: 19.821 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BP006119.D
 Acq: 30 Jun 2021 21:39

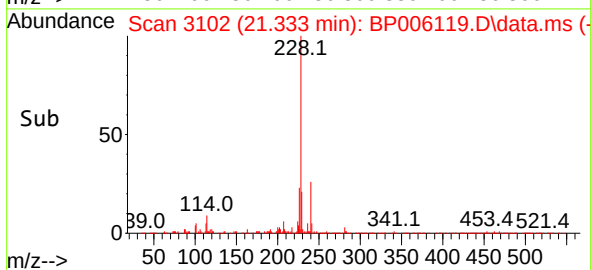
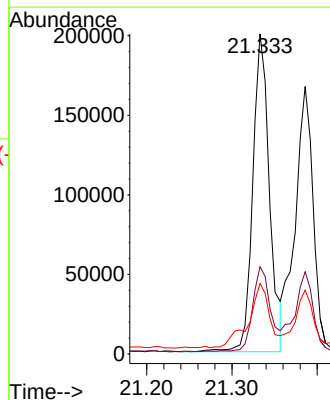
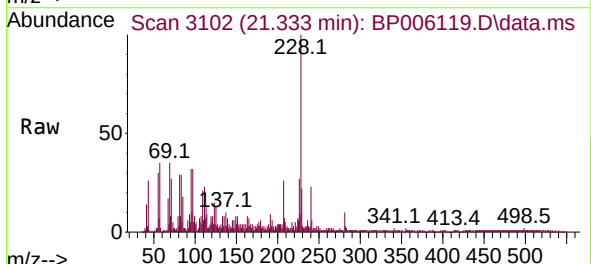
Instrument :
 BNA_P
 ClientSampleId :
 PAT-TP

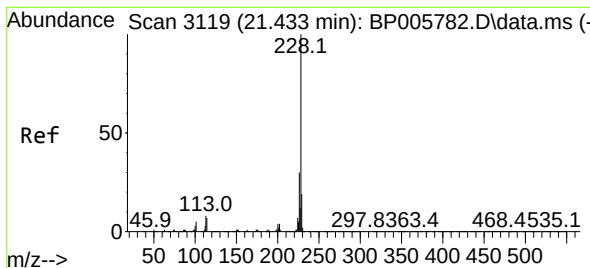
Tgt Ion:244	Resp:	979494
Ion Ratio	Lower	Upper
244	100	
212	6.7	6.0 9.0
122	9.4	7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 8.33 ng
 RT: 21.333 min Scan# 3102
 Delta R.T. -0.006 min
 Lab File: BP006119.D
 Acq: 30 Jun 2021 21:39

Tgt Ion:228	Resp:	270915
Ion Ratio	Lower	Upper
228	100	
226	27.2	21.6 32.4
229	22.0	15.8 23.6





#83

Chrysene

Concen: 8.60 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.065 min

Lab File: BP006119.D

Acq: 30 Jun 2021 21:39

Tgt Ion:228 Resp: 270915

Ion Ratio Lower Upper

228 100

226 27.2 23.8 35.6

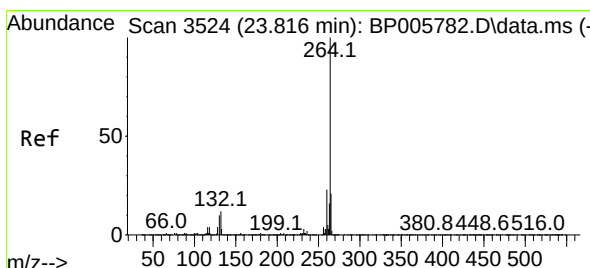
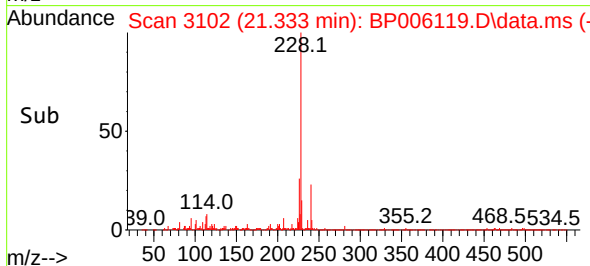
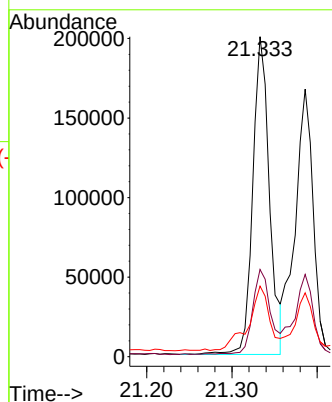
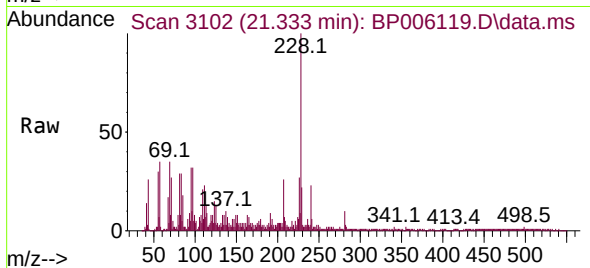
229 22.0 15.4 23.2

Instrument :

BNA_P

ClientSampleId :

PAT-TP



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.751 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BP006119.D

Acq: 30 Jun 2021 21:39

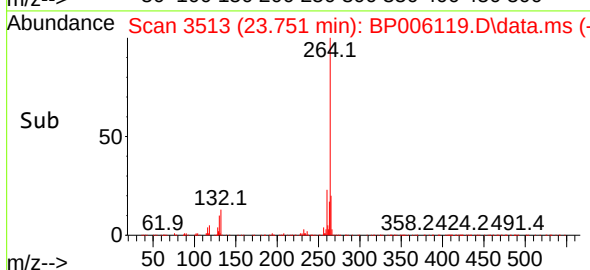
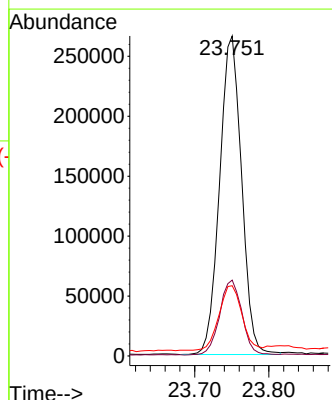
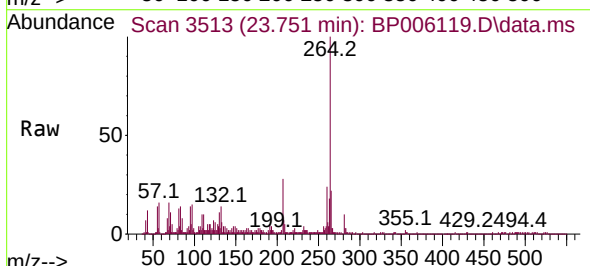
Tgt Ion:264 Resp: 547704

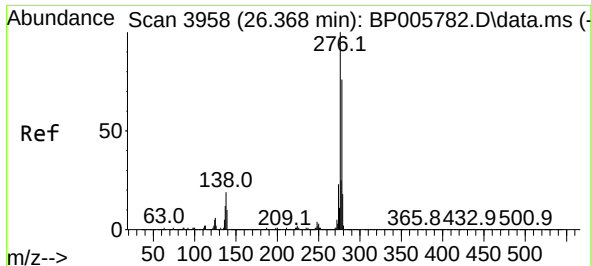
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.0 17.6 26.4

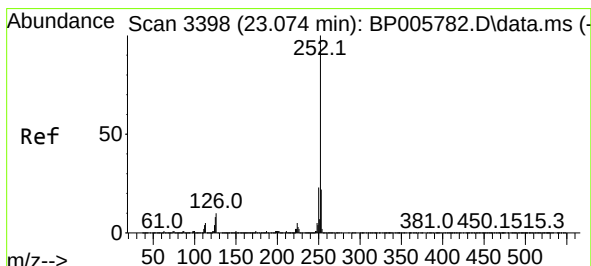
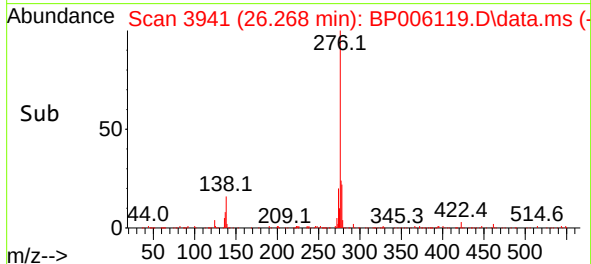
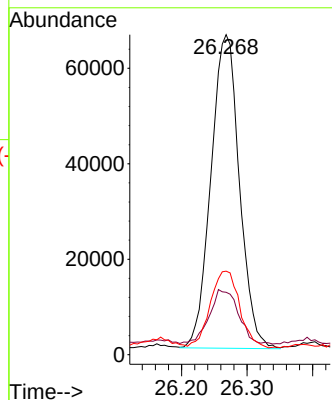
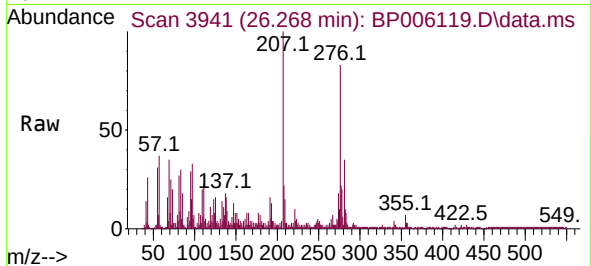




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.23 ng
RT: 26.268 min Scan# 3941
Delta R.T. -0.024 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

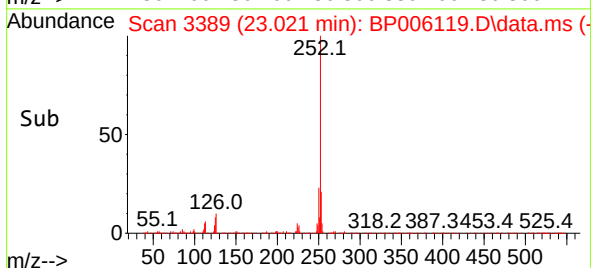
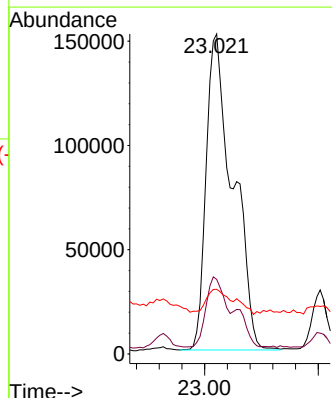
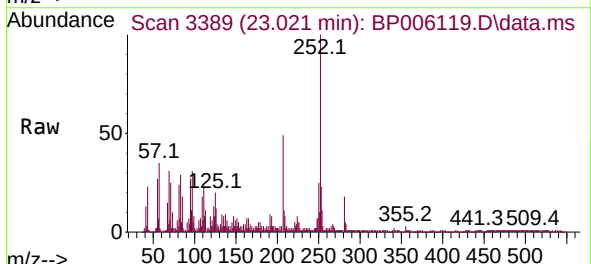
Instrument :
BNA_P
ClientSampleId :
PAT-TP

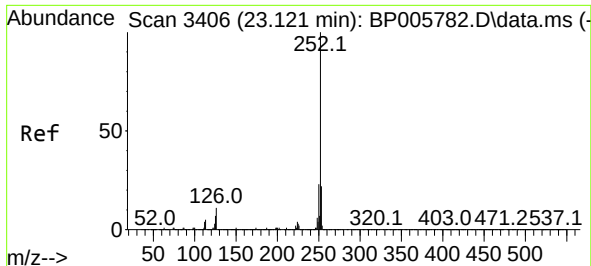
Tgt Ion:	276	Resp:	197987
Ion Ratio	Lower	Upper	
276	100		
138	17.7	15.3	22.9
277	24.8	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 13.17 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

Tgt Ion:	252	Resp:	494071
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	20.2	6.2	9.4

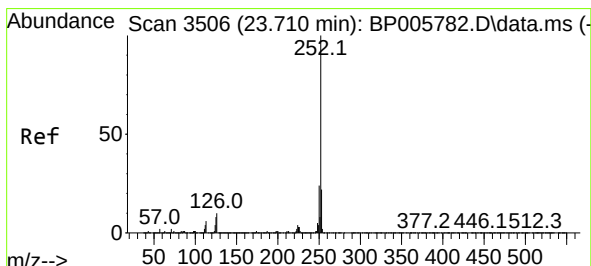
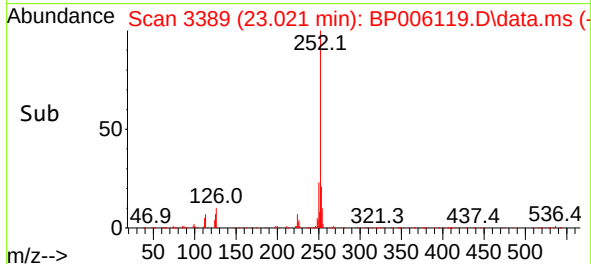
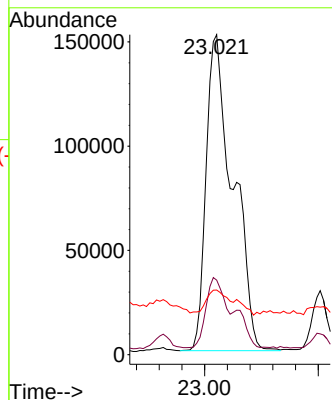
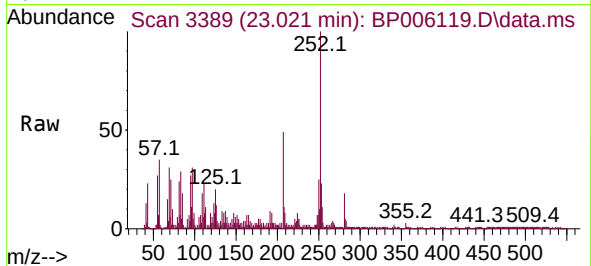




#89
Benzo(k)fluoranthene
Concen: 13.59 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

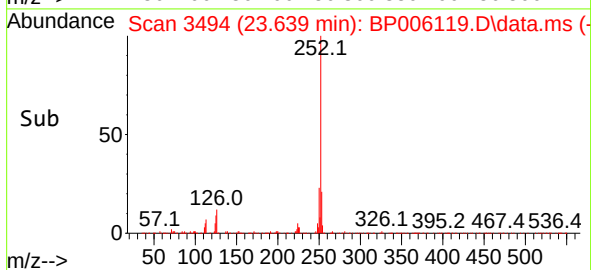
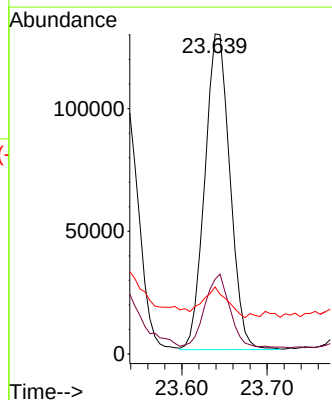
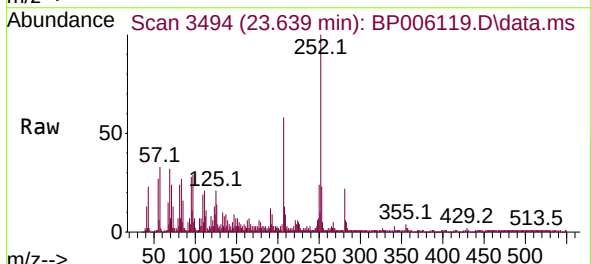
Instrument :
BNA_P
ClientSampleId :
PAT-TP

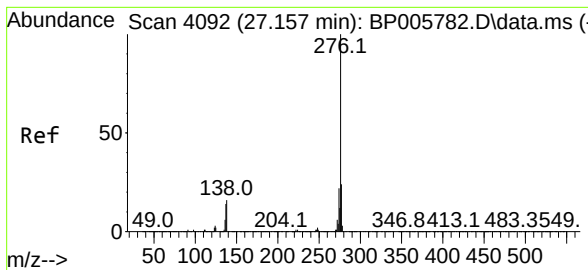
Tgt Ion:252 Resp: 494214
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 20.2 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 7.48 ng
RT: 23.639 min Scan# 3494
Delta R.T. -0.018 min
Lab File: BP006119.D
Acq: 30 Jun 2021 21:39

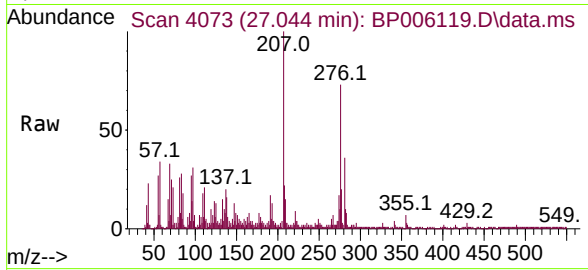
Tgt Ion:252 Resp: 263840
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 20.9 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 4.88 ng
 RT: 27.044 min Scan# 4073
 Delta R.T. -0.024 min
 Lab File: BP006119.D
 Acq: 30 Jun 2021 21:39

Instrument :
 BNA_P
 ClientSampleId :
 PAT-TP



Tgt Ion: 276 Resp: 194375
 Ion Ratio Lower Upper
 276 100
 277 27.0 18.9 28.3
 138 21.3 12.6 18.8#

