

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
 Data File : BP006106.D
 Acq On : 29 Jun 2021 23:44
 Operator : CG/JU
 Sample : M2891-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

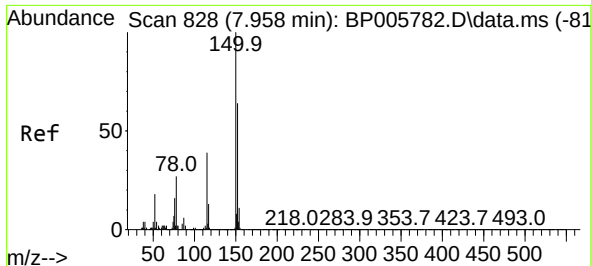
Instrument :
 BNA_P
 ClientSampleId :
 TR-04-062821

Quant Time: Jun 30 01:15:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	164164	20.00	ng	0.00
21) Naphthalene-d8	10.704	136	602615	20.00	ng	0.00
39) Acenaphthene-d10	14.534	164	338894	20.00	ng	0.00
64) Phenanthrene-d10	17.280	188	583099	20.00	ng	0.00
76) Chrysene-d12	21.357	240	552014	20.00	ng	# 0.00
86) Perylene-d12	23.762	264	639271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	351987	34.41	ng	0.00
7) Phenol-d6	7.087	99	442183	33.35	ng	0.00
23) Nitrobenzene-d5	9.069	82	274582	22.34	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	181575	31.22	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	631313	24.46	ng	0.00
79) Terphenyl-d14	19.827	244	715002	24.25	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.052	77	13100	2.32	ng	95
32) Benzoic acid	10.069	122	2872	6.69	ng	# 73
41) Hexachlorocyclopentadiene	12.722	237	12	5.51	ng	95
49) Acenaphthylene	14.257	152	88419	2.58	ng	# 96
52) Acenaphthene	14.598	154	52393	2.52	ng	100
54) 2,4-Dinitrophenol	14.681	184	112	4.88	ng	# 1
58) Fluorene	15.581	166	112909	4.24	ng	98
71) Phenanthrene	17.322	178	484437	13.83	ng	100
72) Anthracene	17.416	178	160385	4.65	ng	98
75) Fluoranthene	19.286	202	464802	10.93	ng	98
78) Pyrene	19.639	202	490351	12.72	ng	99
81) Benzo(a)anthracene	21.345	228	231033	5.80	ng	# 92
83) Chrysene	21.392	228	237104	6.14	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.251	149	53421	2.30	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.298	276	128274	2.35	ng	97
88) Benzo(b)fluoranthene	23.027	252	332437	7.59	ng	# 79
89) Benzo(k)fluoranthene	23.027	252	332437	7.83	ng	# 79
90) Benzo(a)pyrene	23.657	252	207364	5.04	ng	# 88
92) Benzo(g,h,i)perylene	27.080	276	145116	3.12	ng	# 91

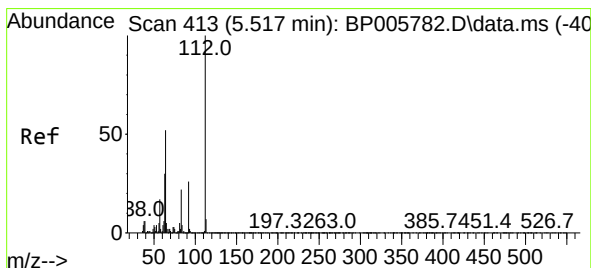
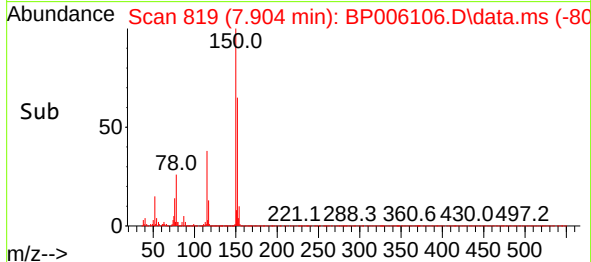
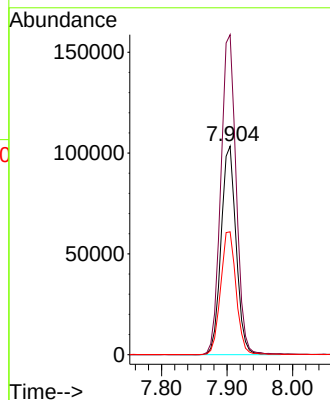
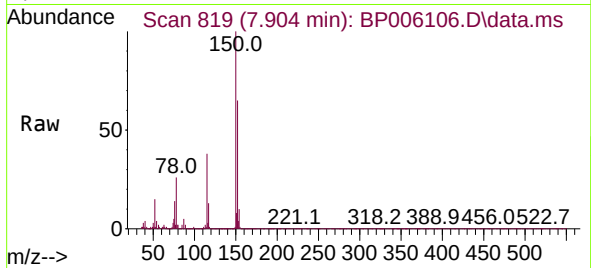
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.001 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

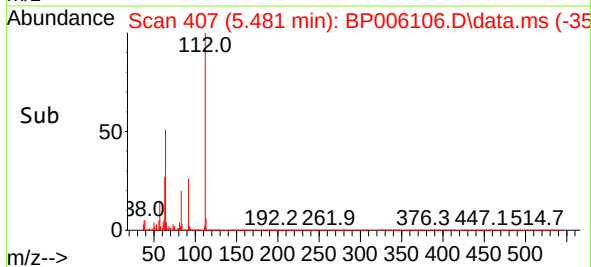
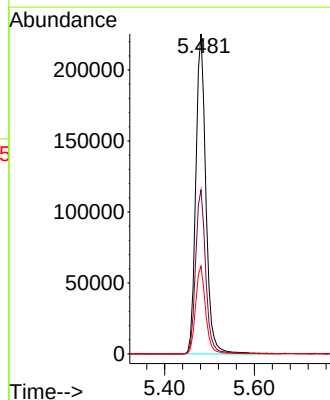
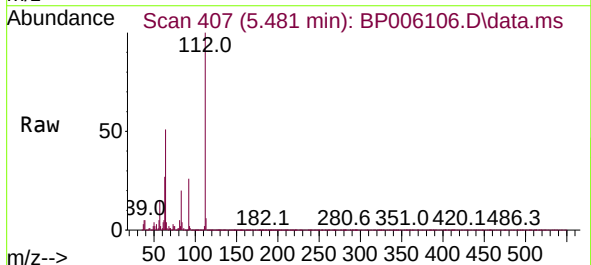
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

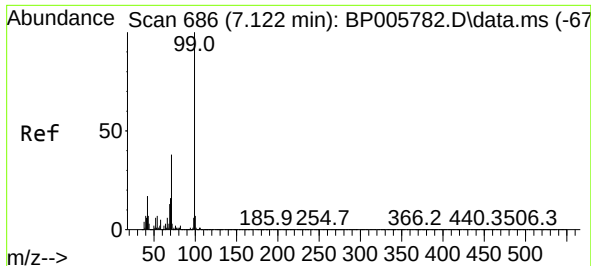
Tgt Ion:152 Resp: 164164
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 34.41 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:112 Resp: 351987
Ion Ratio Lower Upper
112 100
64 51.2 41.4 62.2
63 27.5 23.8 35.8

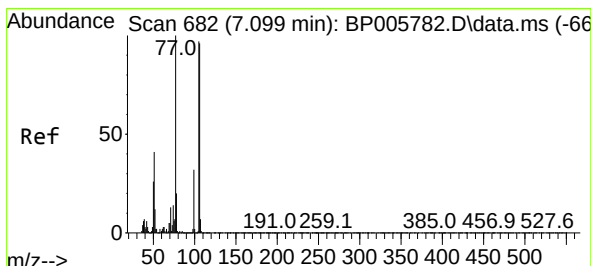
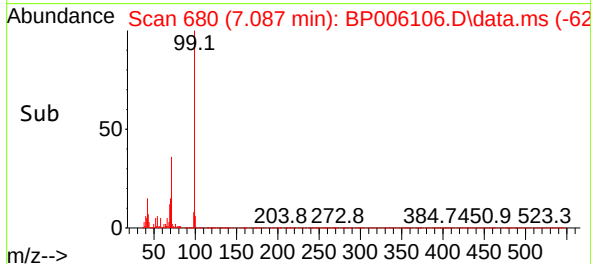
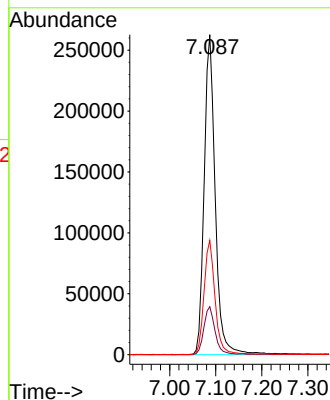
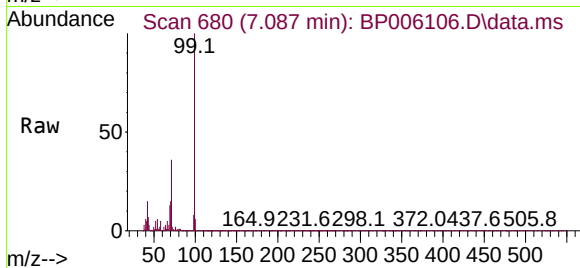




#7
Phenol-d6
Concen: 33.35 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

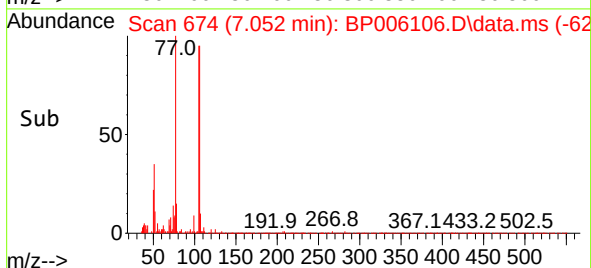
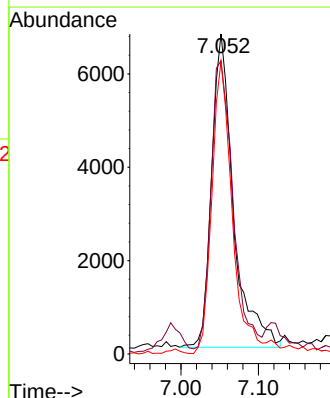
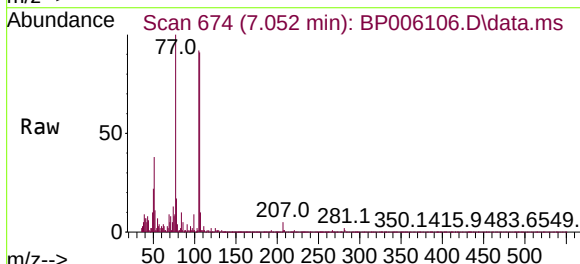
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

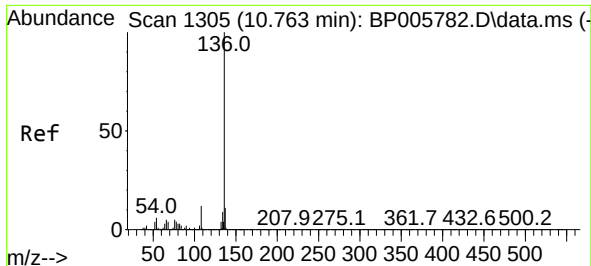
Tgt Ion:	99	Resp:	442183
Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.4	20.0
71	35.7	30.6	46.0



#9
Benzaldehyde
Concen: 2.32 ng
RT: 7.052 min Scan# 674
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:	77	Resp:	13100
Ion	Ratio	Lower	Upper
77	100		
105	91.6	76.7	116.7
106	91.4	76.2	116.2

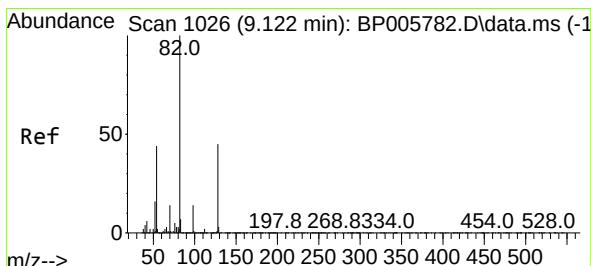
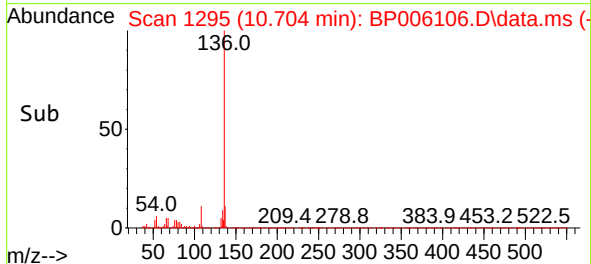
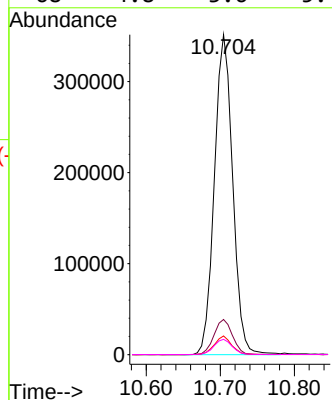
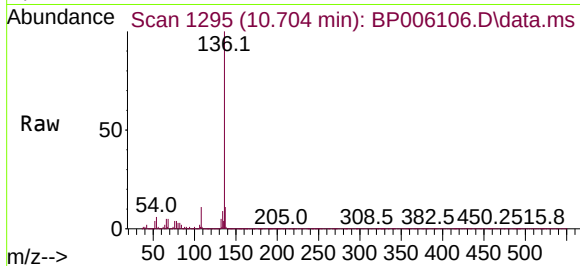




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

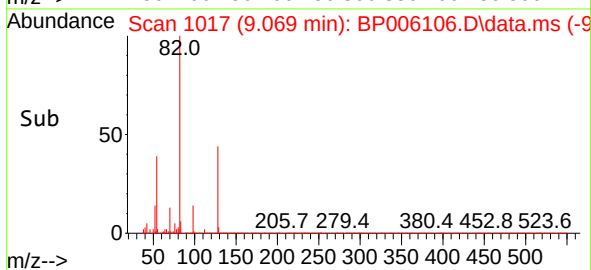
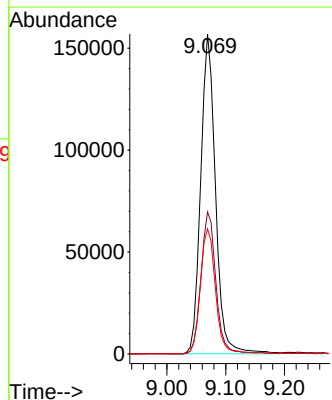
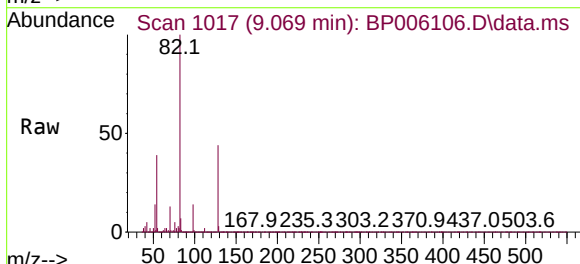
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

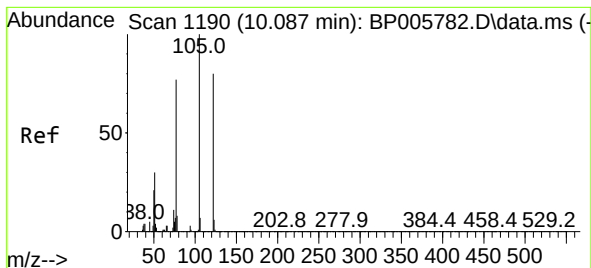
Tgt Ion:	136	Resp:	602615
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	5.9	4.6	6.8
68	4.8	3.6	5.4



#23
Nitrobenzene-d5
Concen: 22.34 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:	82	Resp:	274582
Ion Ratio	Lower	Upper	
82	100		
128	44.4	35.7	53.5
54	39.1	35.0	52.4

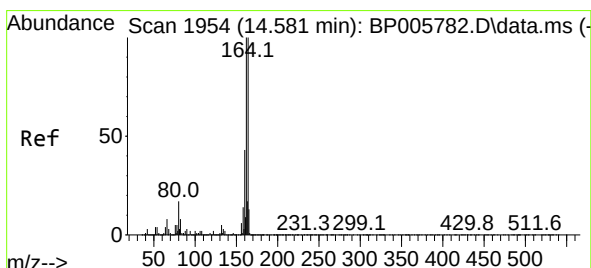
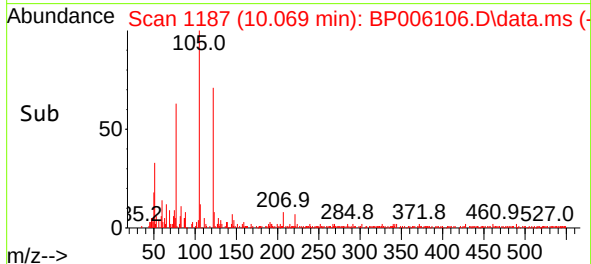
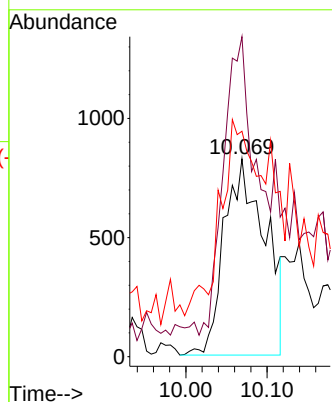
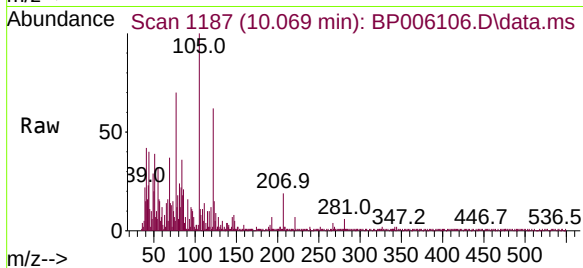




#32
Benzoic acid
Concen: 6.69 ng
RT: 10.069 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

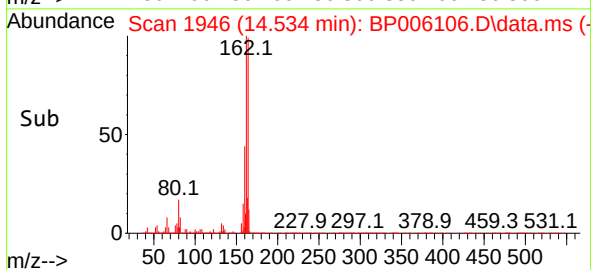
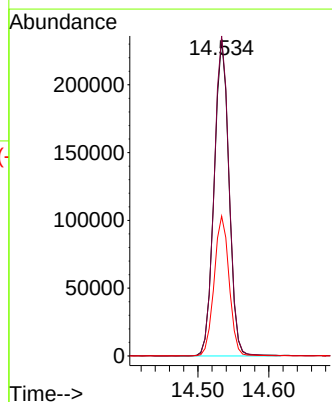
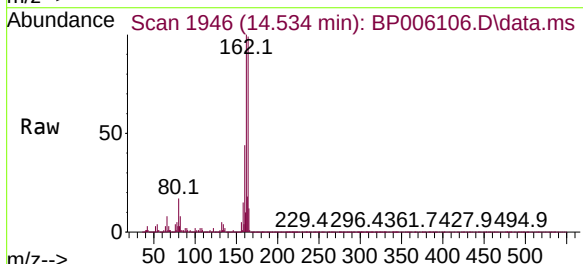
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ClientSampleId :
TR-04-062821

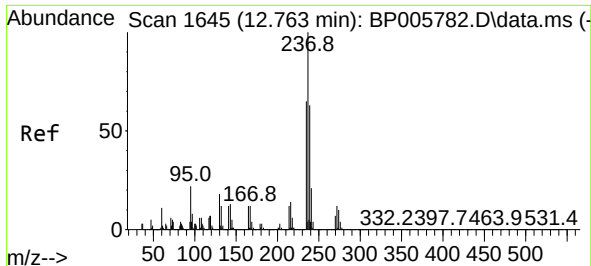
Tgt Ion:122 Resp: 2872
Ion Ratio Lower Upper
122 100
105 161.6 103.2 143.2#
77 113.8 76.2 116.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:164 Resp: 338894
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 44.1 34.5 51.7

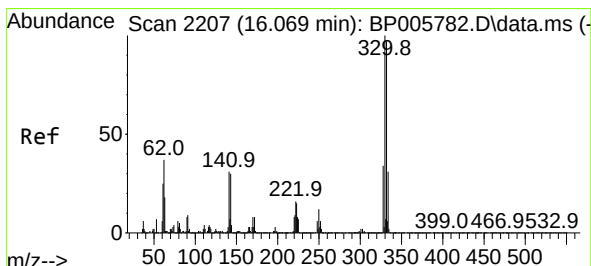
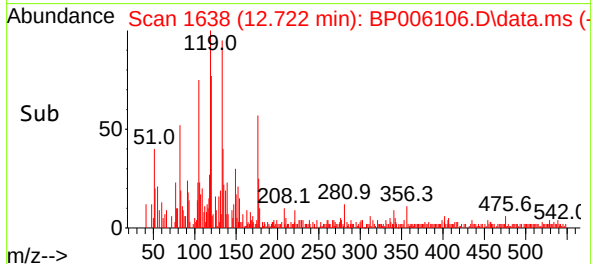
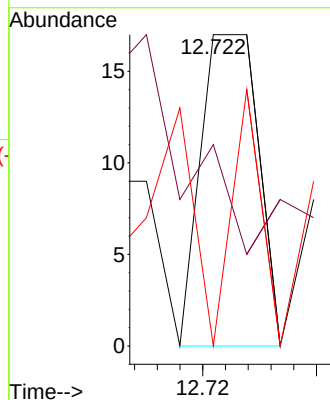
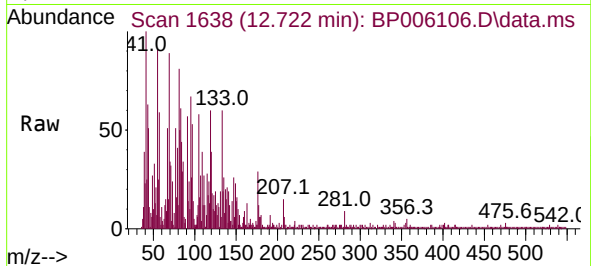




#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

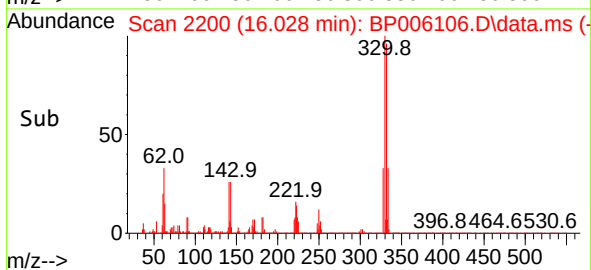
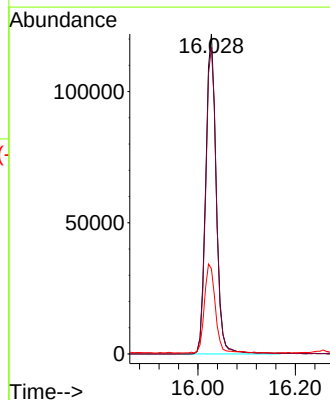
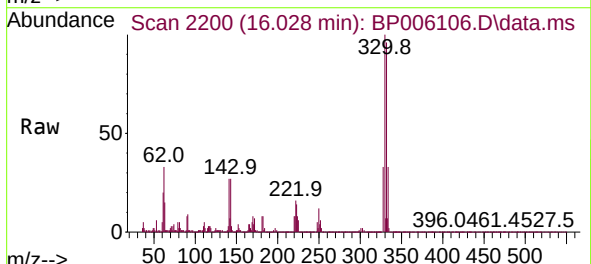
Instrument :
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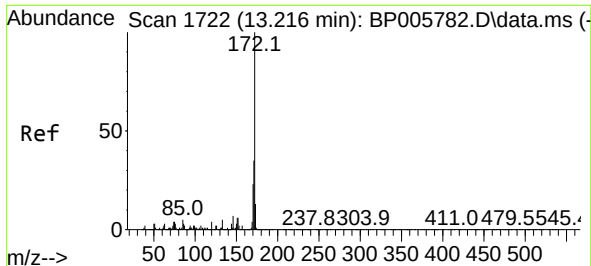
Tgt Ion:	237	Resp:	12
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.5	84.5
272	0.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 31.22 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:	330	Resp:	181575
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	29.6	25.4	38.2

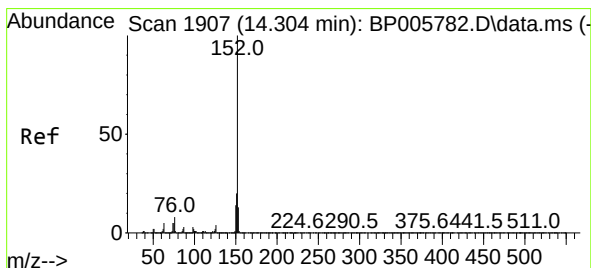
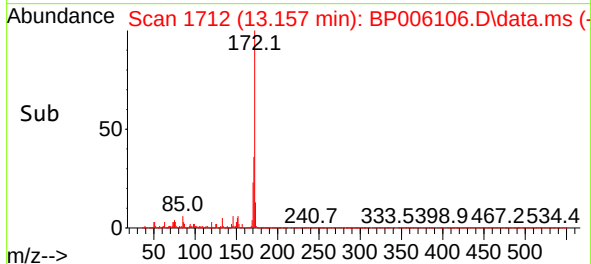
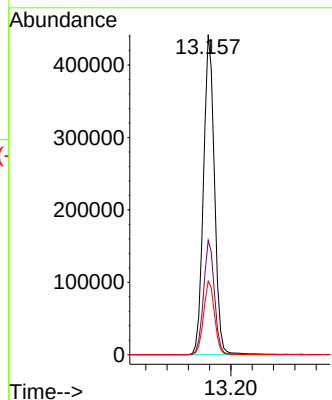
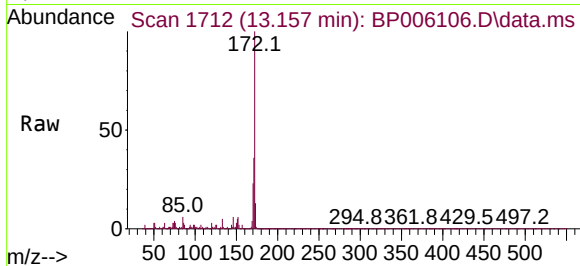




#45
2-Fluorobiphenyl
Concen: 24.46 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

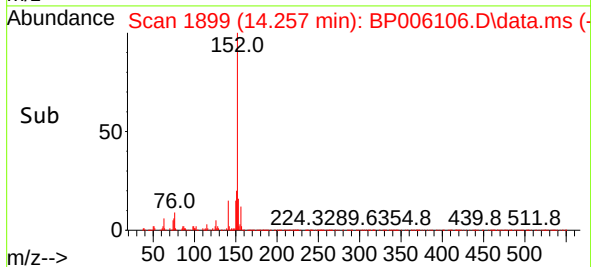
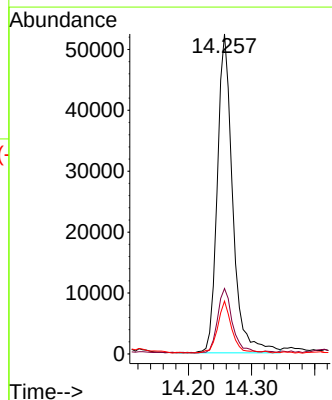
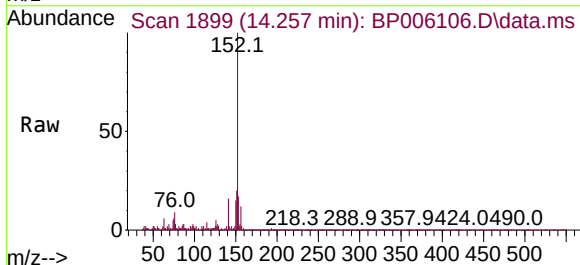
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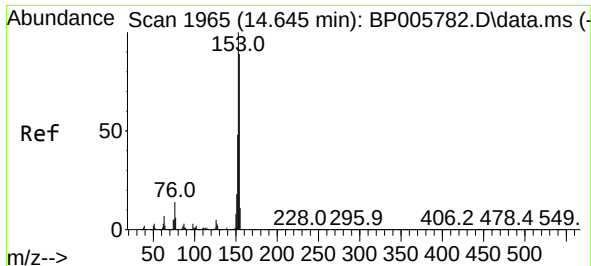
Tgt Ion:	172	Resp:	631313
Ion Ratio	Lower	Upper	
172	100		
171	35.7	27.9	41.9
170	23.0	18.6	27.8



#49
Acenaphthylene
Concen: 2.58 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:	152	Resp:	88419
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	16.5	10.6	16.0#

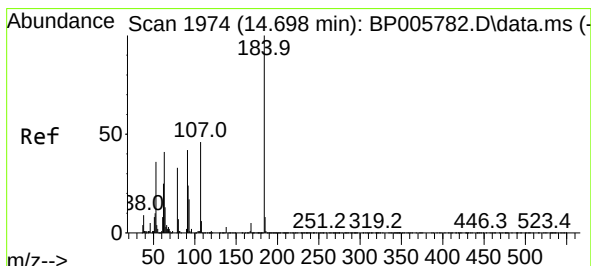
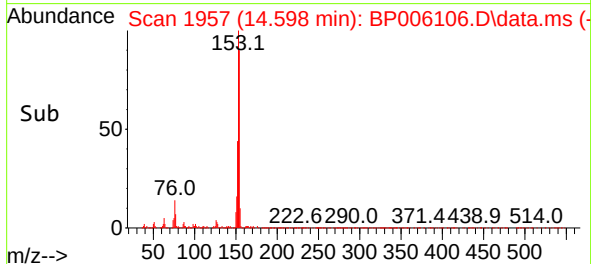
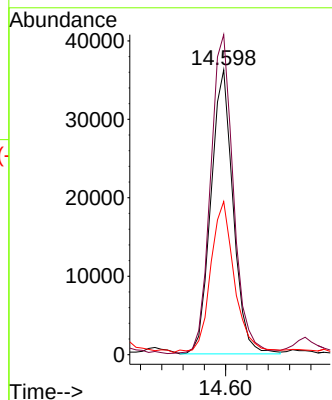
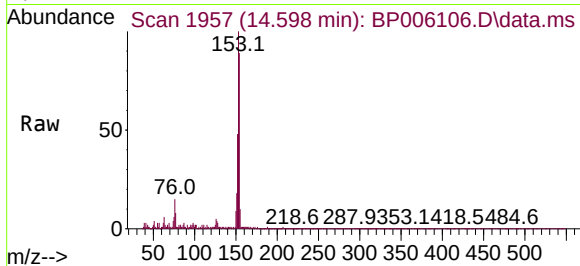




#52
Acenaphthene
Concen: 2.52 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

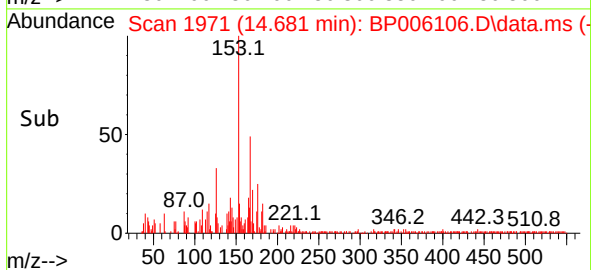
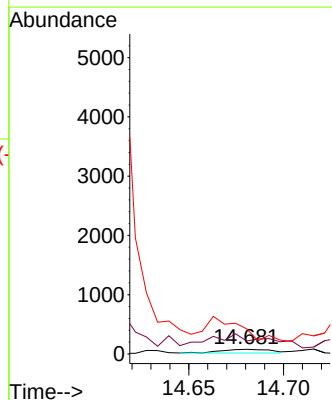
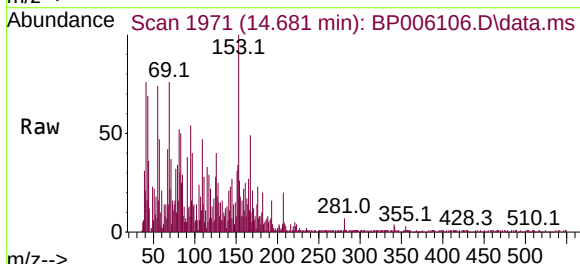
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

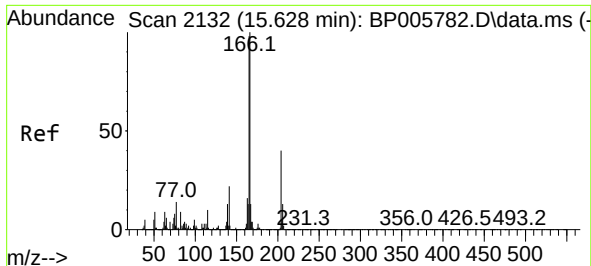
Tgt Ion:154 Resp: 52393
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.2
152 53.8 43.0 64.4



#54
2,4-Dinitrophenol
Concen: 4.88 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:184 Resp: 112
Ion Ratio Lower Upper
184 100
63 278.5 47.0 70.6#
154 536.7 52.3 78.5#

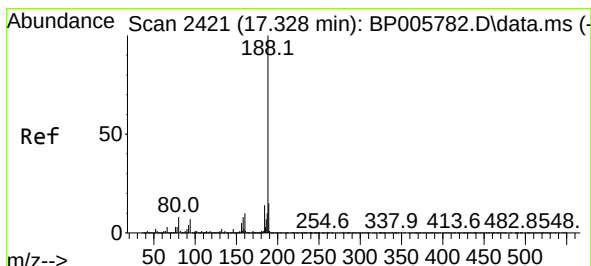
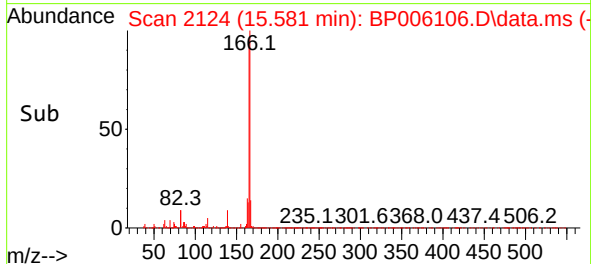
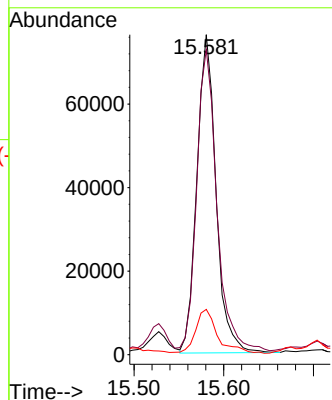
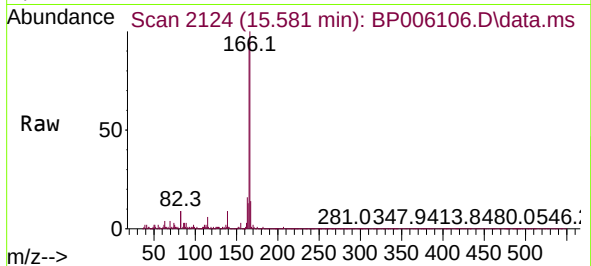




#58
Fluorene
Concen: 4.24 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

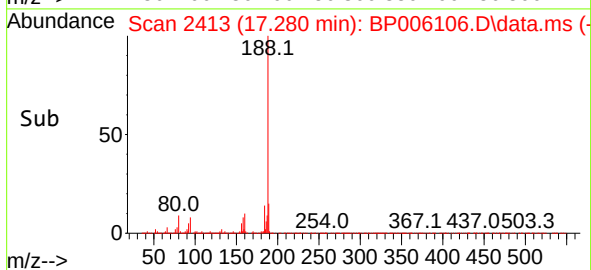
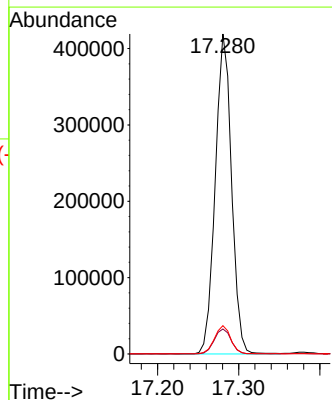
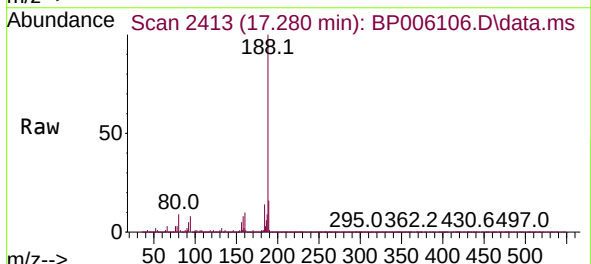
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

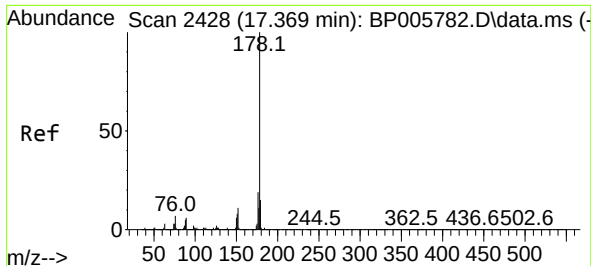
Tgt Ion:166 Resp: 112909
Ion Ratio Lower Upper
166 100
165 95.3 78.0 117.0
167 14.1 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:188 Resp: 583099
Ion Ratio Lower Upper
188 100
94 7.8 5.6 8.4
80 8.8 6.3 9.5

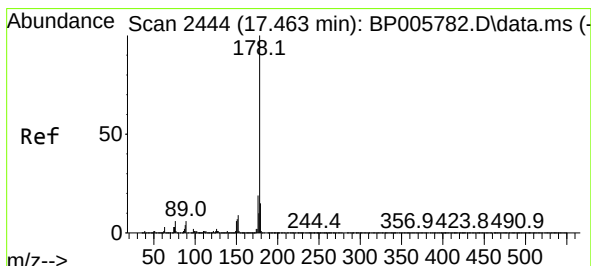
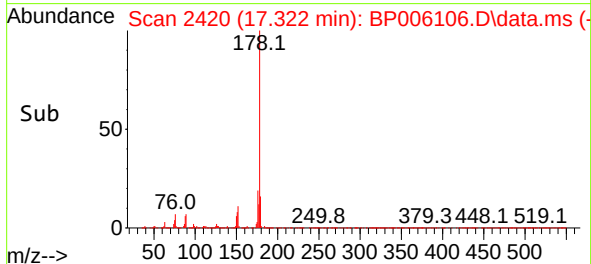
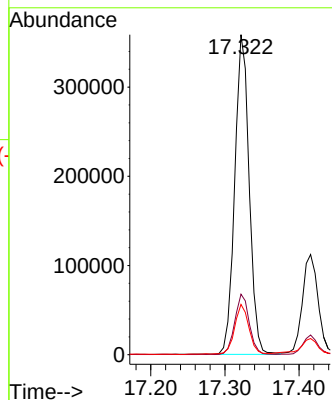
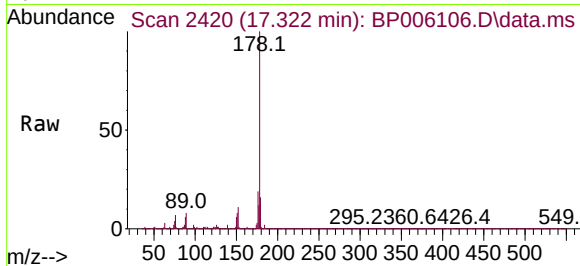




#71
Phenanthrene
Concen: 13.83 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

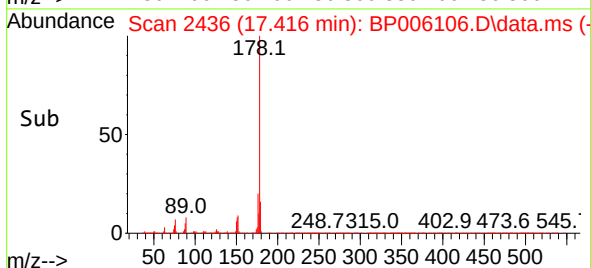
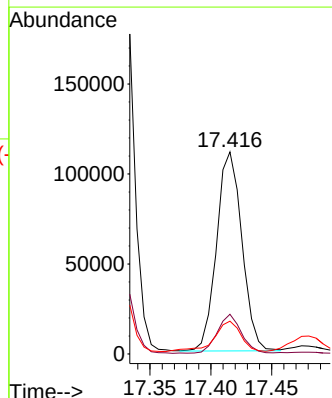
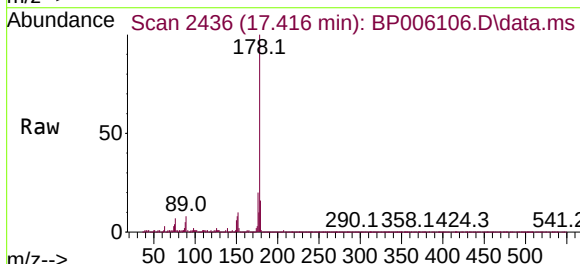
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

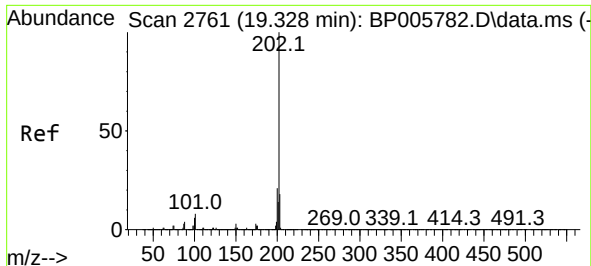
Tgt Ion:178 Resp: 484437
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.4 18.6



#72
Anthracene
Concen: 4.65 ng
RT: 17.416 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:178 Resp: 160385
Ion Ratio Lower Upper
178 100
176 19.7 14.9 22.3
179 16.2 12.2 18.2

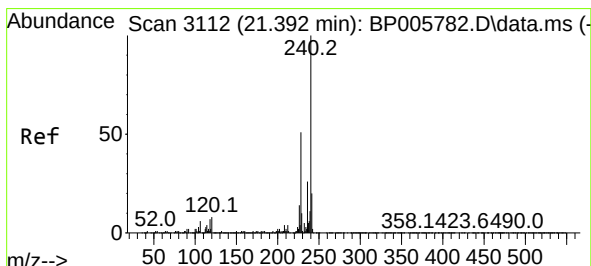
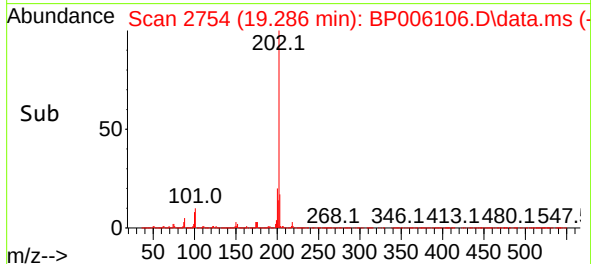
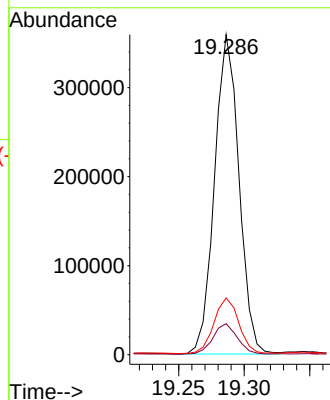
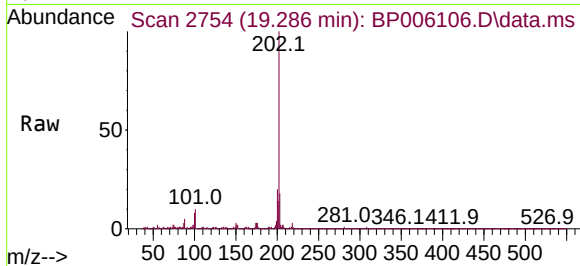




#75
Fluoranthene
Concen: 10.93 ng
RT: 19.286 min Scan# 2754
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

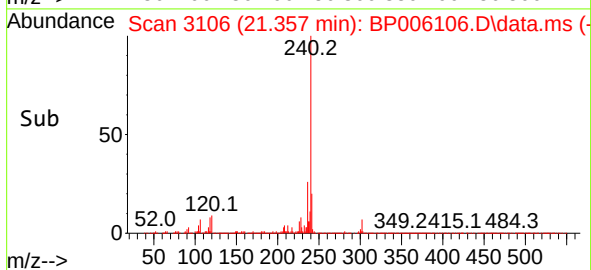
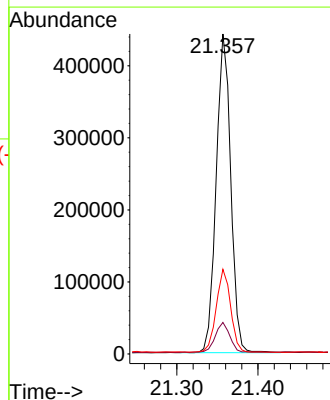
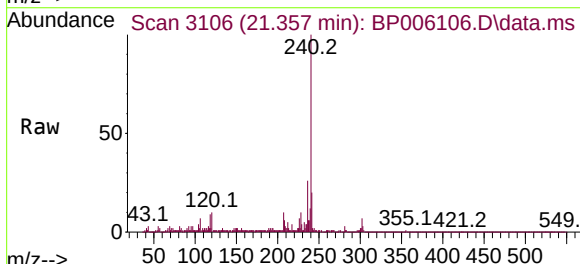
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

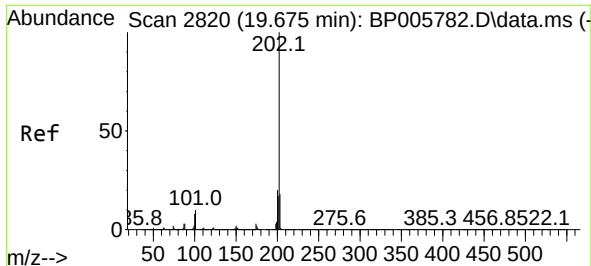
Tgt Ion:202 Resp: 464802
Ion Ratio Lower Upper
202 100
101 9.7 0.0 27.6
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:240 Resp: 552014
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.4 20.6 31.0

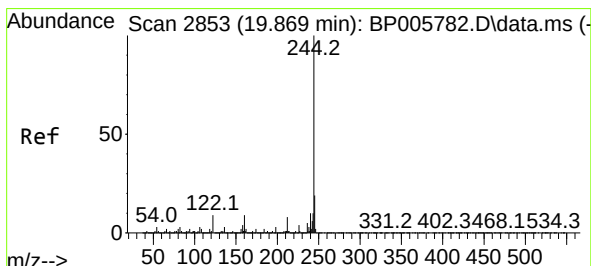
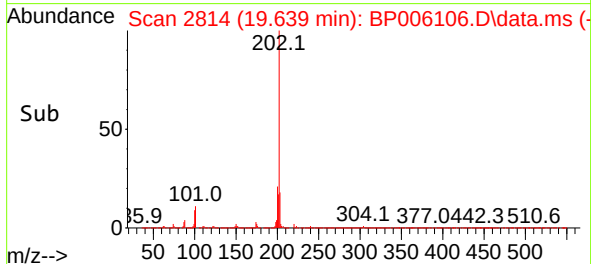
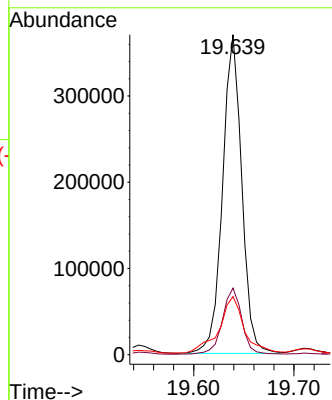
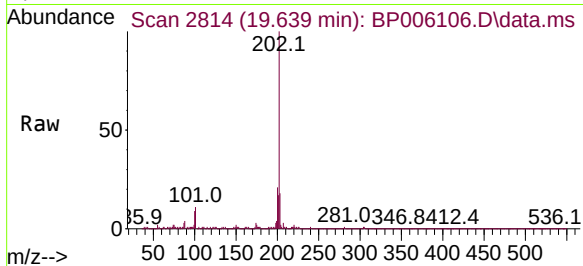




#78
Pyrene
Concen: 12.72 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

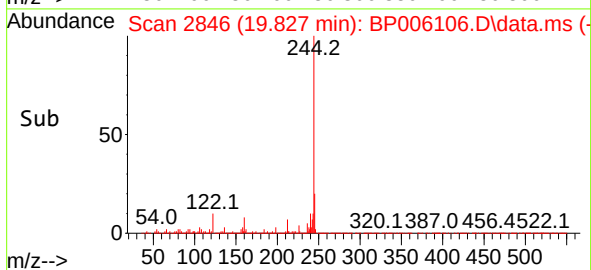
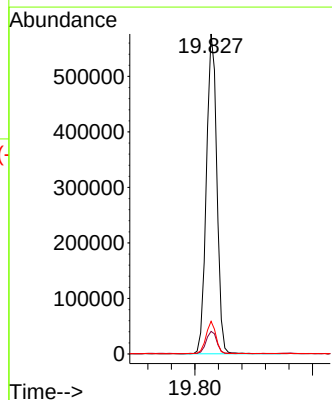
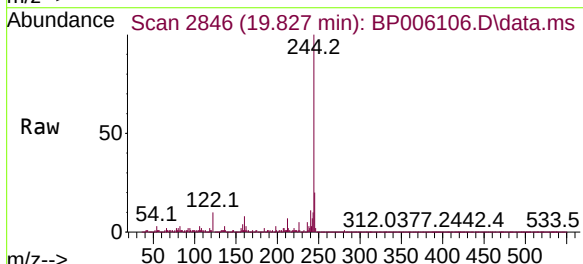
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

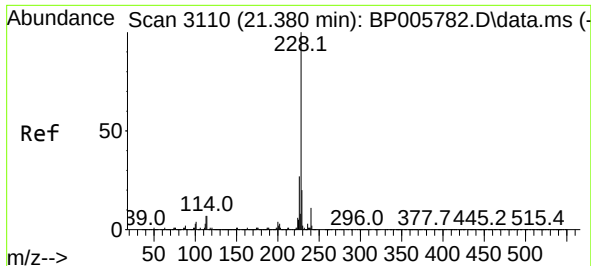
Tgt Ion:202 Resp: 490351
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 18.2 14.2 21.2



#79
Terphenyl-d14
Concen: 24.25 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:244 Resp: 715002
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.2 7.1 10.7

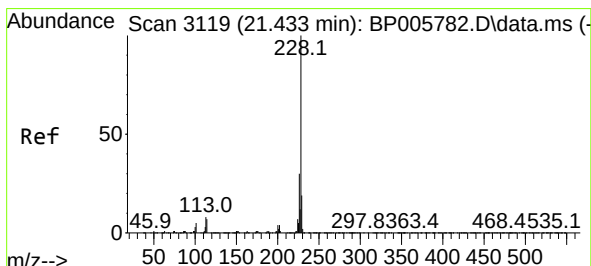
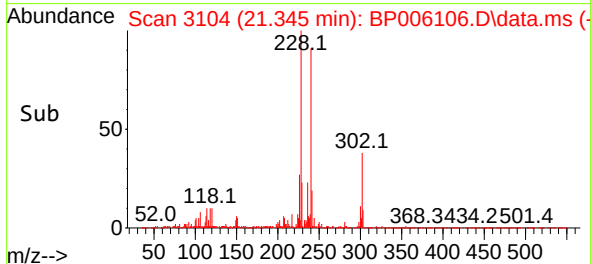
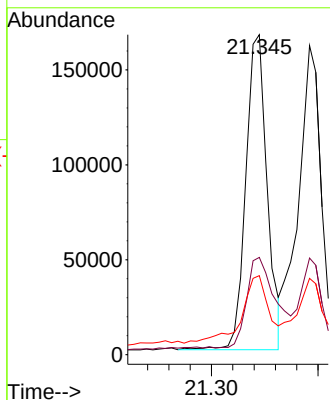
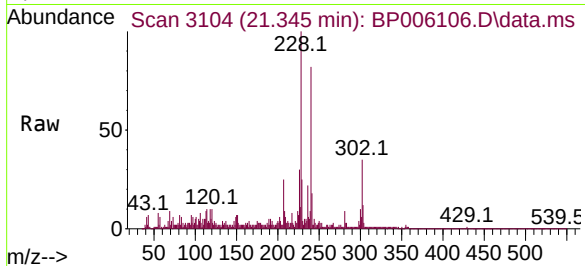




#81
Benzo(a)anthracene
Concen: 5.80 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

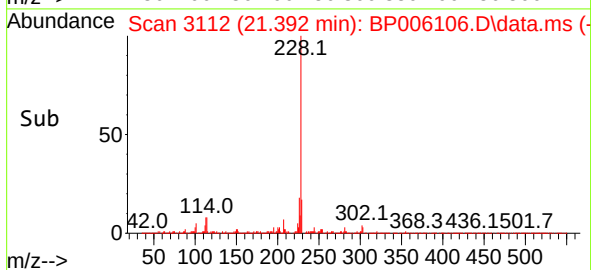
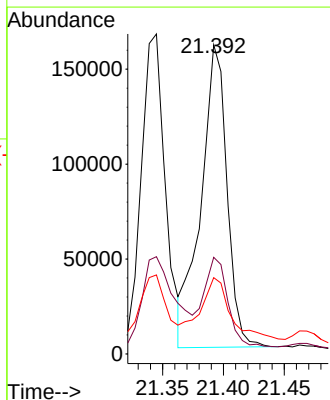
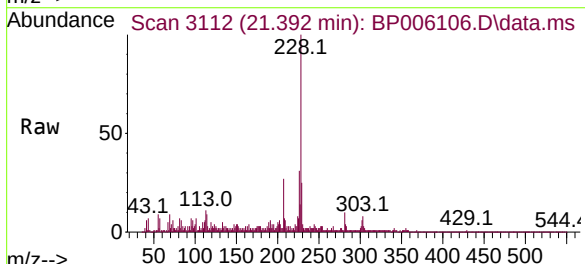
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

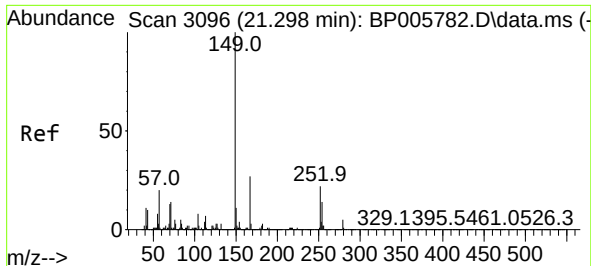
Tgt Ion:228 Resp: 231033
Ion Ratio Lower Upper
228 100
226 30.4 21.6 32.4
229 24.7 15.8 23.6#



#83
Chrysene
Concen: 6.14 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:228 Resp: 237104
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.6
229 24.7 15.4 23.2#

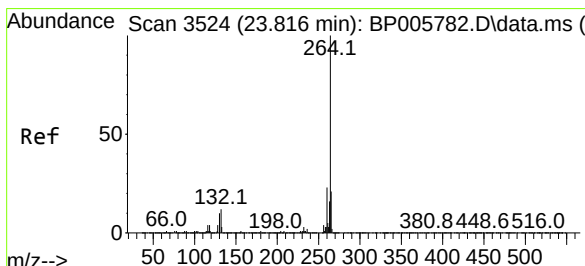
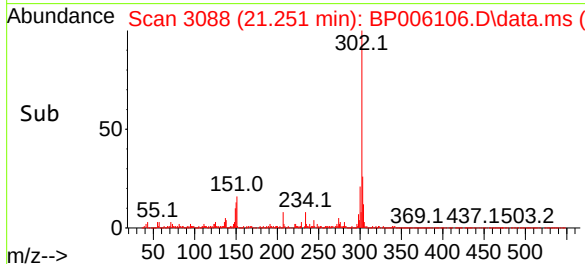
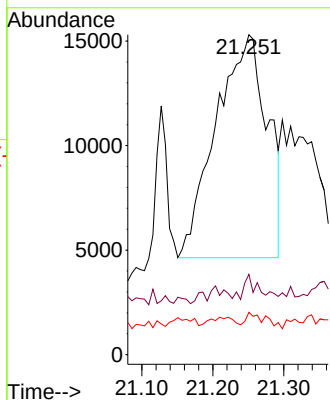
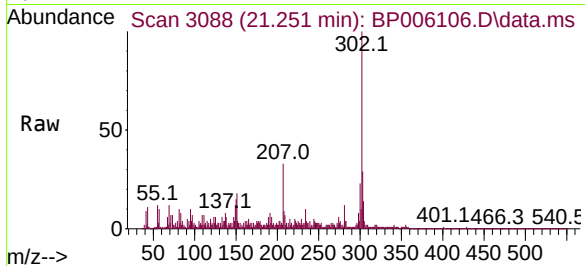




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.30 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

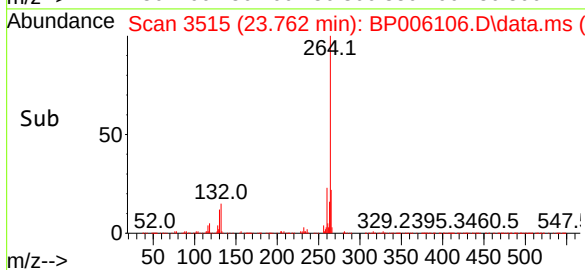
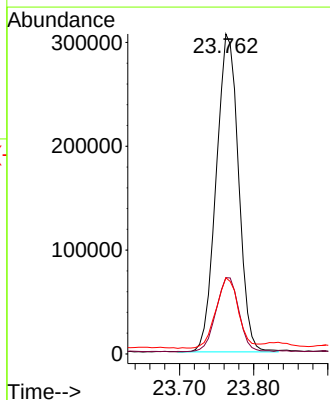
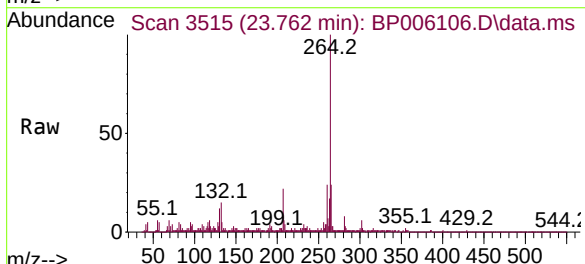
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

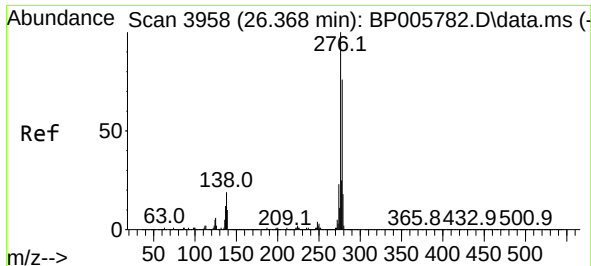
Tgt Ion:149 Resp: 53421
Ion Ratio Lower Upper
149 100
167 25.1 21.9 32.9
279 13.3 4.3 6.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.762 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:264 Resp: 639271
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 23.8 17.6 26.4

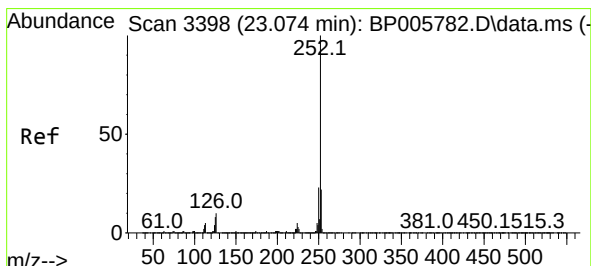
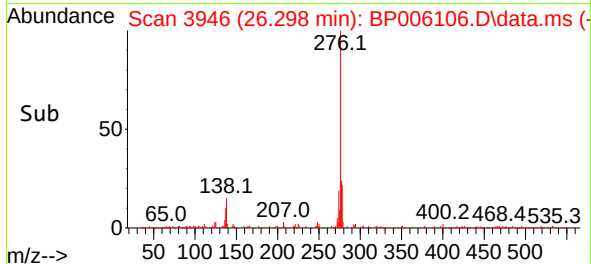
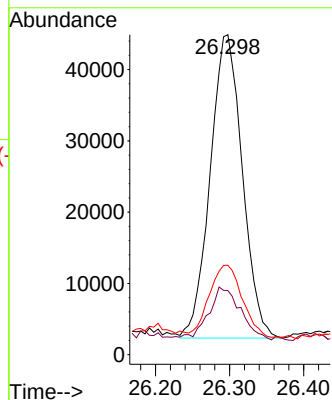
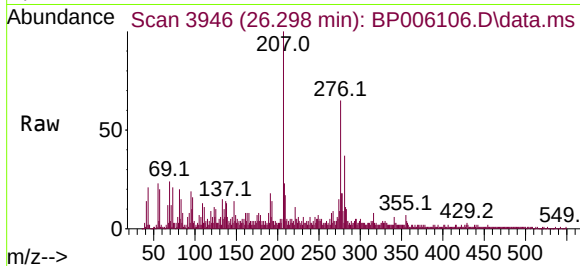




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.35 ng
RT: 26.298 min Scan# 3946
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

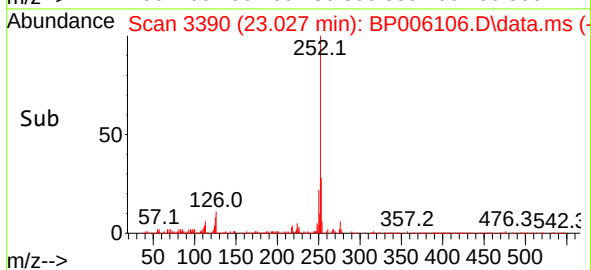
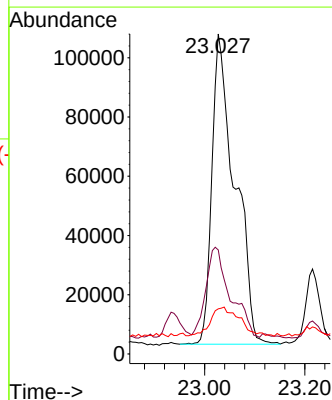
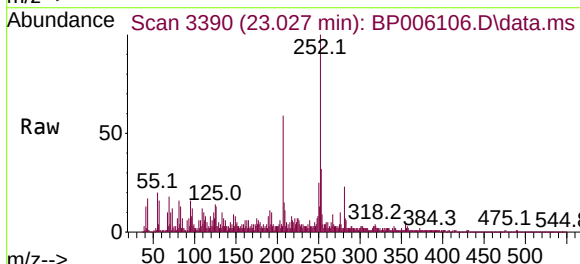
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

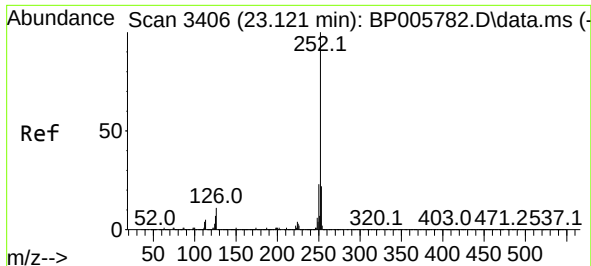
Tgt Ion:	276	Resp:	128274
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.3	22.9
277	24.4	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 7.59 ng
RT: 23.027 min Scan# 3390
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Tgt Ion:	252	Resp:	332437
Ion Ratio	Lower	Upper	
252	100		
253	32.5	17.5	26.3#
125	14.1	6.2	9.4#

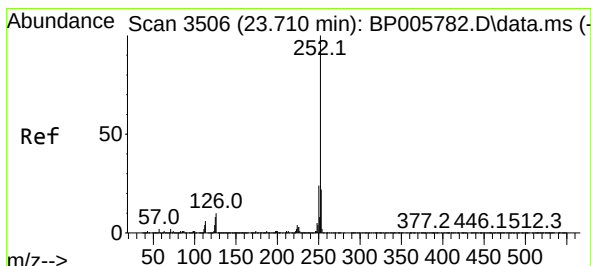
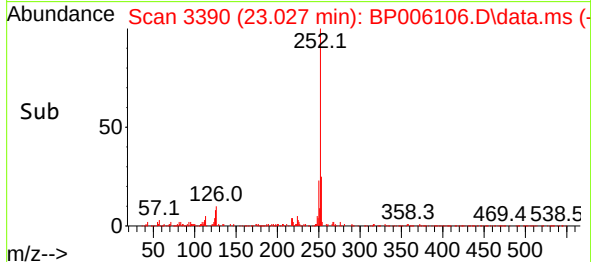
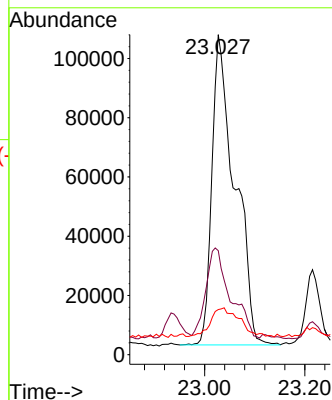
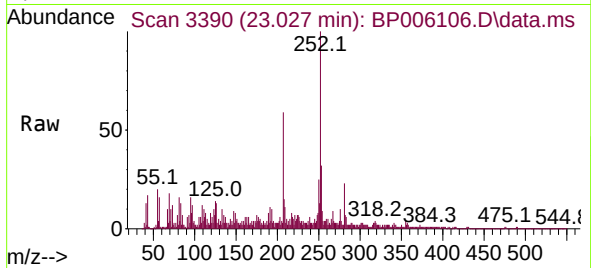




#89
Benzo(k)fluoranthene
Concen: 7.83 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.041 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

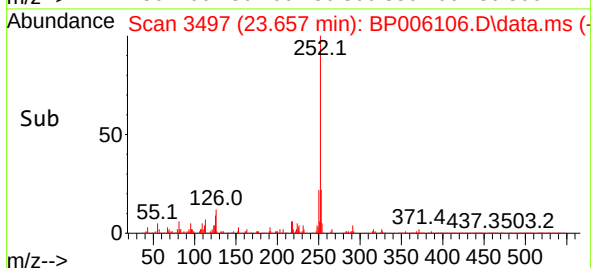
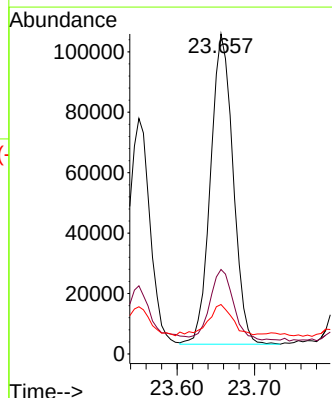
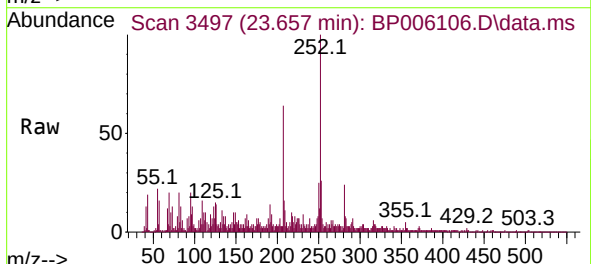
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

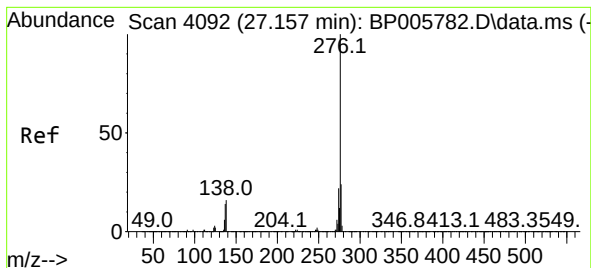
Tgt Ion:252 Resp: 332437
Ion Ratio Lower Upper
252 100
253 32.5 17.6 26.4#
125 14.1 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 5.04 ng
RT: 23.657 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

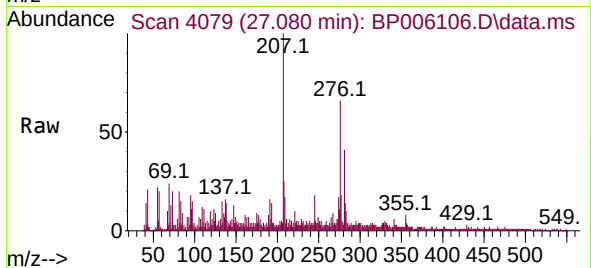
Tgt Ion:252 Resp: 207364
Ion Ratio Lower Upper
252 100
253 26.4 17.9 26.9
125 15.5 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 3.12 ng
RT: 27.080 min Scan# 4079
Delta R.T. 0.018 min
Lab File: BP006106.D
Acq: 29 Jun 2021 23:44

Instrument :
BNA_P
ClientSampleId :
TR-04-062821



Tgt Ion: 276 Resp: 145116
Ion Ratio Lower Upper
276 100
277 27.4 18.9 28.3
138 20.6 12.6 18.8#

