

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006800.D
 Acq On : 20 Aug 2021 14:58
 Operator : CG/JU
 Sample : M3398-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 20 17:03:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 20 11:25:25 2021
 Response via : Initial Calibration

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

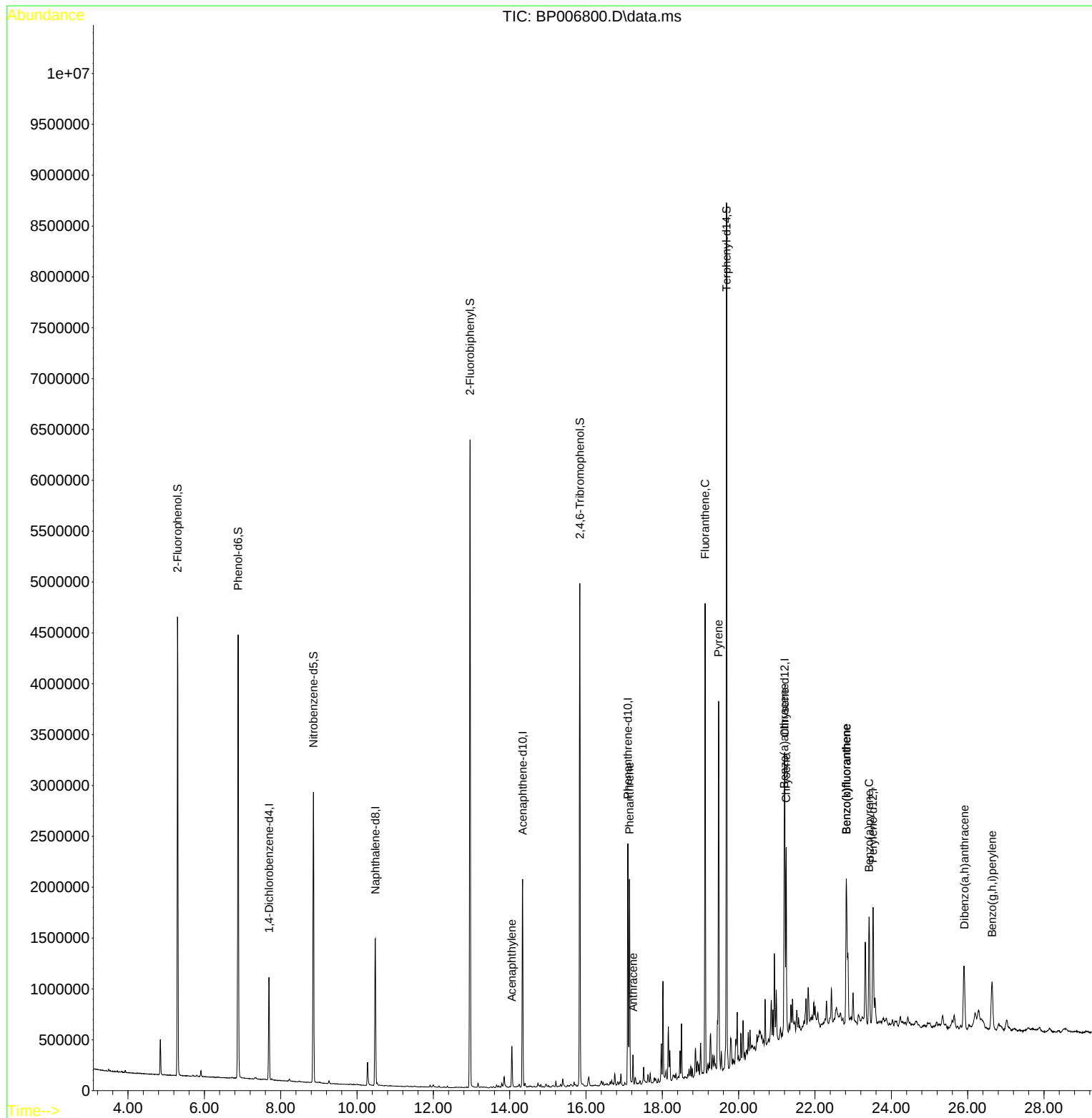
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	257379	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	1154605	20.000	ng	# 0.00
39) Acenaphthene-d10	14.339	164	651703	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	1223319	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	835066	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	761328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1898651	113.304	ng	0.00
7) Phenol-d6	6.887	99	2442953	102.629	ng	0.00
23) Nitrobenzene-d5	8.857	82	1698331	67.894	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	774743	113.749	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2986808	68.569	ng	0.00
79) Terphenyl-d14	19.680	244	3566678	85.584	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.057	152	287543	4.694	ng	99
71) Phenanthrene	17.139	178	1092046	15.826	ng	100
72) Anthracene	17.233	178	161896	2.428	ng	100
75) Fluoranthene	19.122	202	2392084	30.886	ng	95
78) Pyrene	19.475	202	1995059	35.768	ng	99
81) Benzo(a)anthracene	21.192	228	714307	13.089	ng	93
83) Chrysene	21.245	228	900146	17.014	ng	98
88) Benzo(b)fluoranthene	22.821	252	1103997	22.312	ng	# 95
89) Benzo(k)fluoranthene	22.821	252	1103997	23.239	ng	# 95
90) Benzo(a)pyrene	23.416	252	672581	15.155	ng	# 95
91) Dibenzo(a,h)anthracene	25.915	278	141193	2.958	ng	# 83
92) Benzo(g,h,i)perylene	26.639	276	554790	12.130	ng	# 91

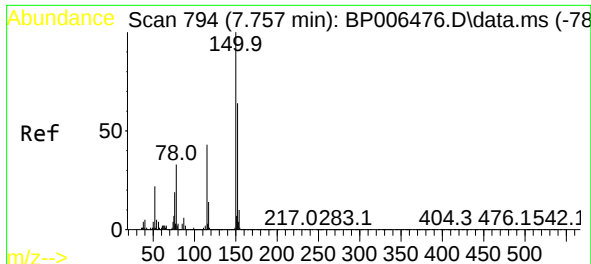
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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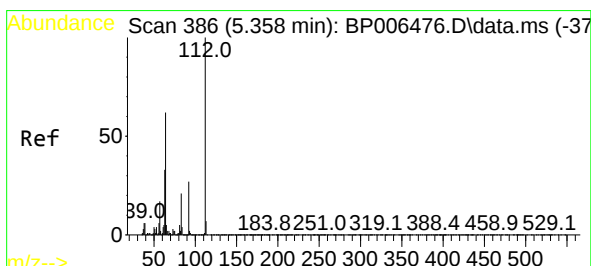
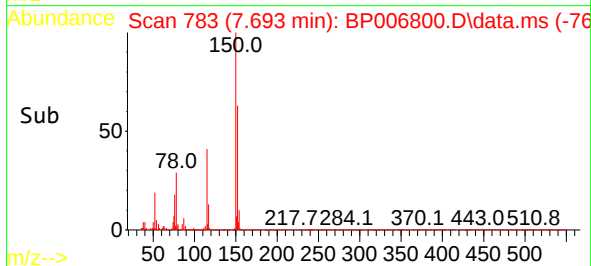
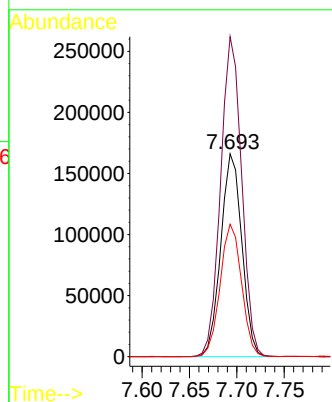
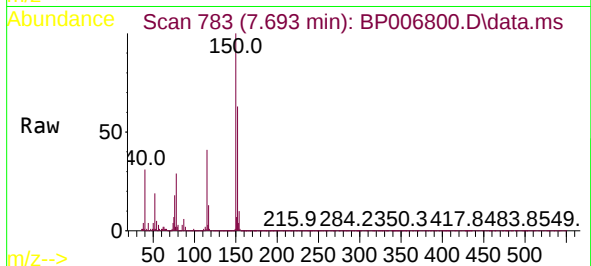




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

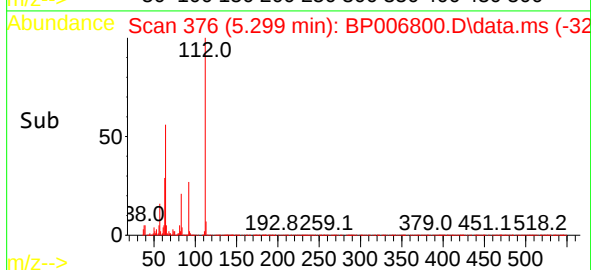
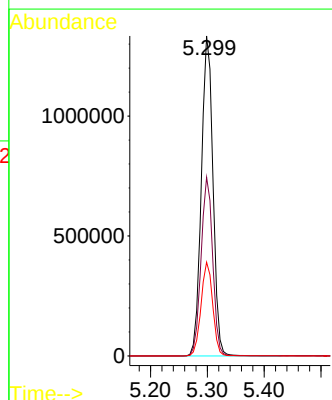
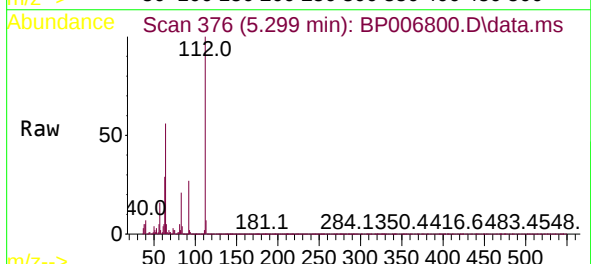
Instrument :
BNA_P
ClientSampled :

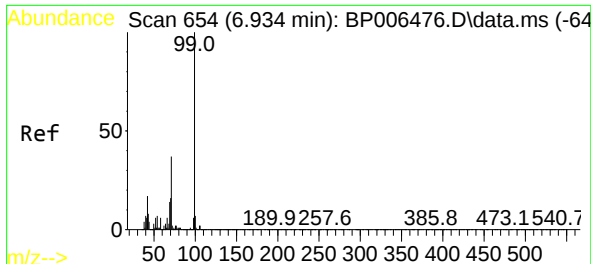
Tgt Ion:152 Resp: 257379
Ion Ratio Lower Upper
152 100
150 157.7 125.6 188.4
115 65.3 48.5 72.7



#5
2-Fluorophenol
Concen: 113.304 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

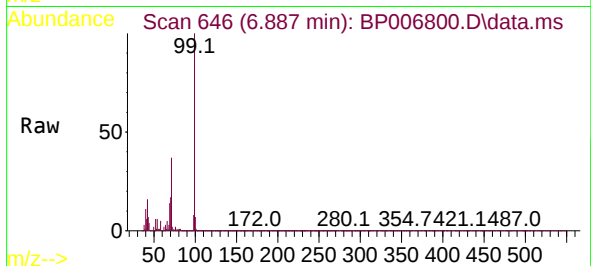
Tgt Ion:112 Resp: 1898651
Ion Ratio Lower Upper
112 100
64 55.8 41.4 62.2
63 29.3 23.8 35.8



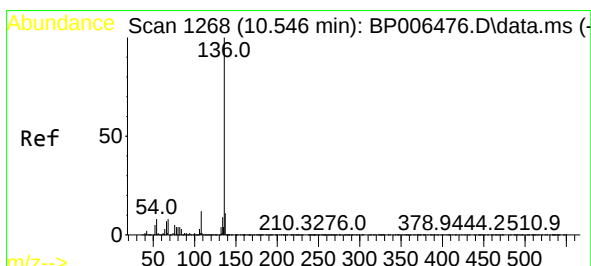
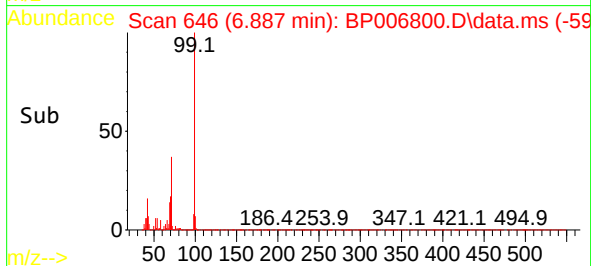
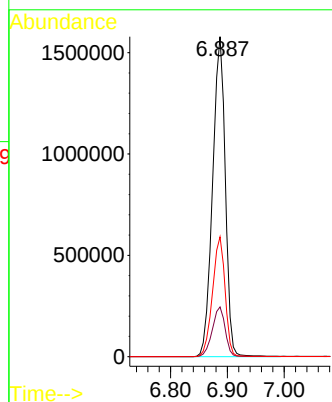


#7
Phenol-d6
Concen: 102.629 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

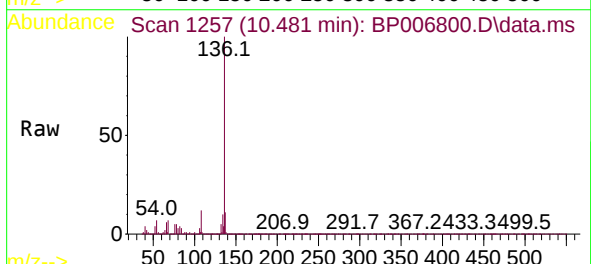
Instrument :
BNA_P
ClientSampled :



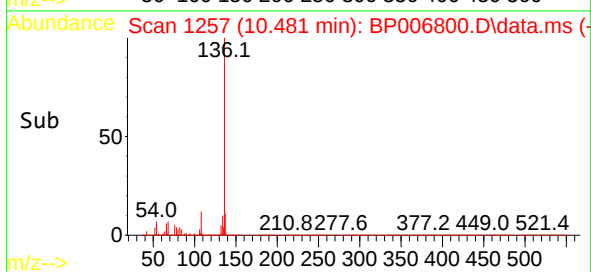
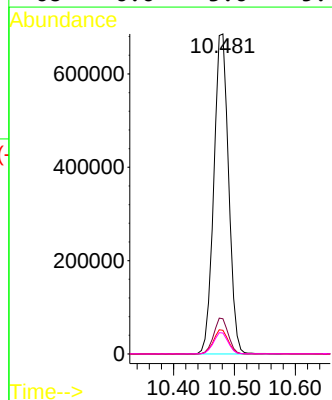
Tgt Ion: 99 Resp: 2442953
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.0
71 37.4 30.6 46.0

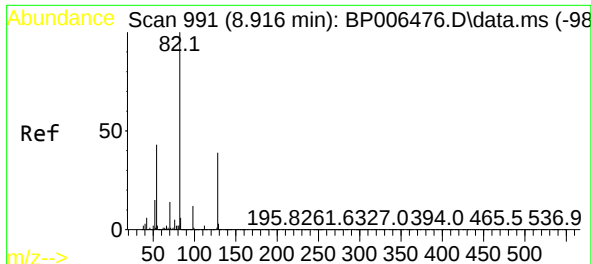


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58



Tgt Ion: 136 Resp: 1154605
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.4 4.6 6.8#
68 6.6 3.6 5.4#

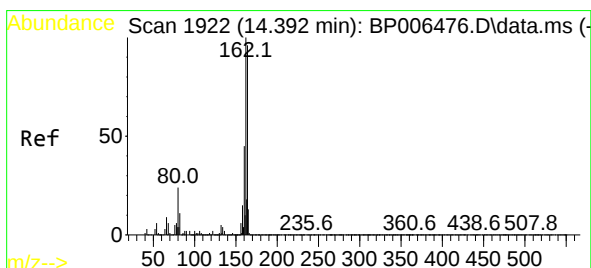
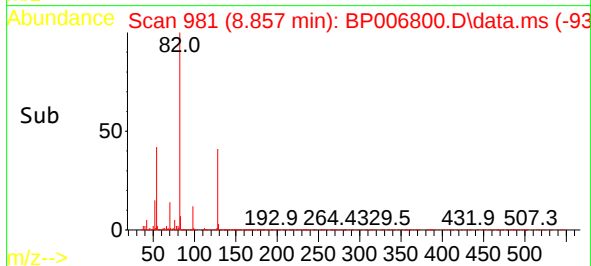
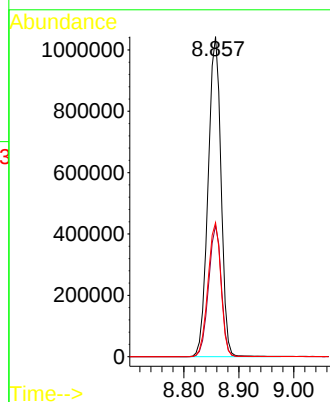
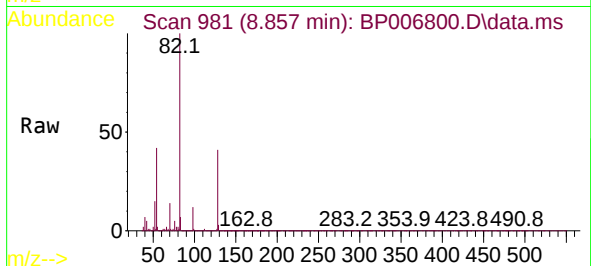




#23
Nitrobenzene-d5
Concen: 67.894 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

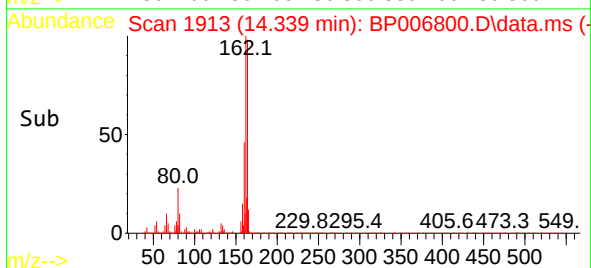
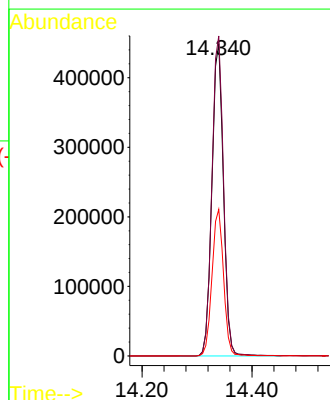
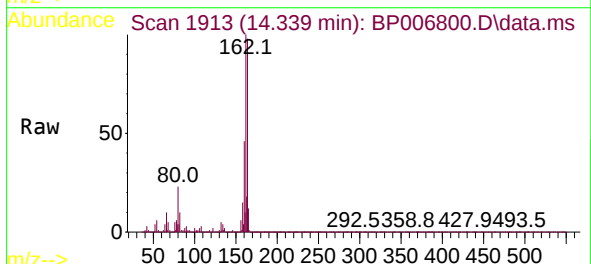
Instrument :
BNA_P
ClientSampled :

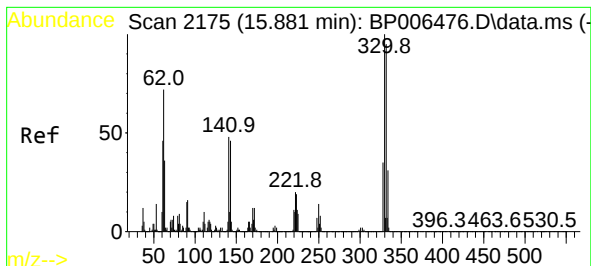
Tgt Ion: 82 Resp: 1698331
Ion Ratio Lower Upper
82 100
128 41.0 35.7 53.5
54 41.9 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

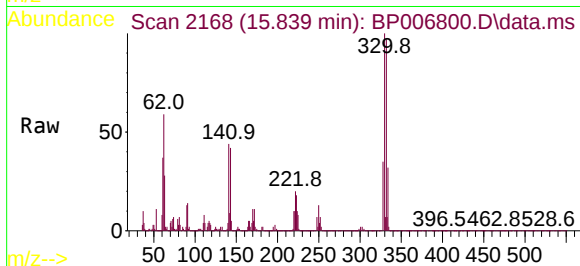
Tgt Ion:164 Resp: 651703
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 46.9 34.5 51.7



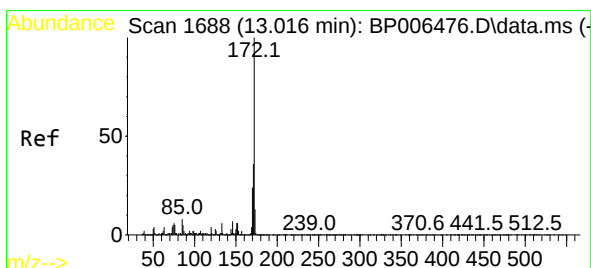
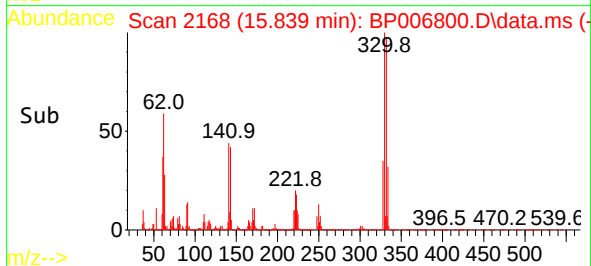
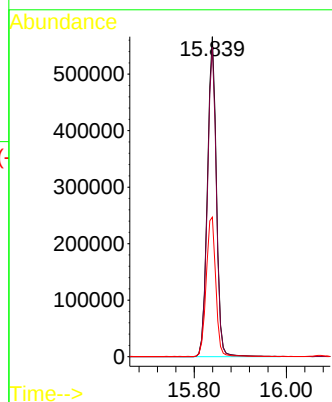


#42
2,4,6-Tribromophenol
Concen: 113.749 ng
RT: 15.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Instrument :
BNA_P
ClientSampled :

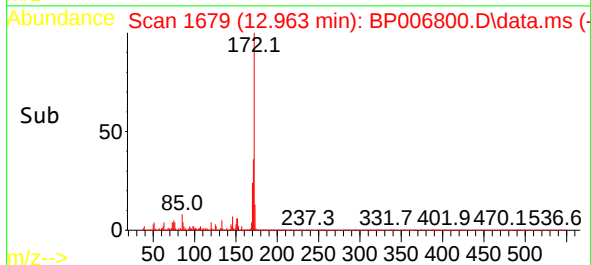
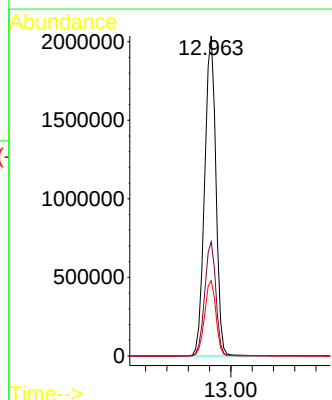
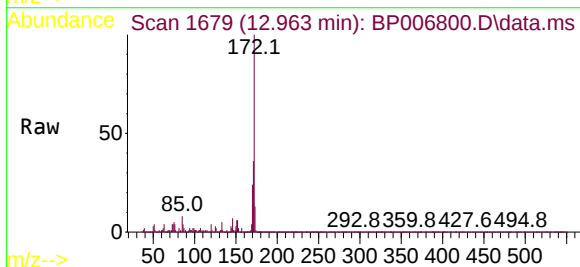


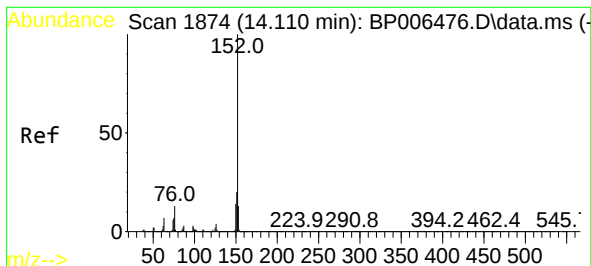
Tgt Ion:330 Resp: 774743
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 46.3 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 68.569 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:172 Resp: 2986808
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.5 18.6 27.8





#49

Acenaphthylene

Concen: 4.694 ng

RT: 14.057 min Scan# 1865

Delta R.T. 0.000 min

Lab File: BP006800.D

Acq: 20 Aug 2021 14:58

Instrument :

BNA_P

ClientSampled :

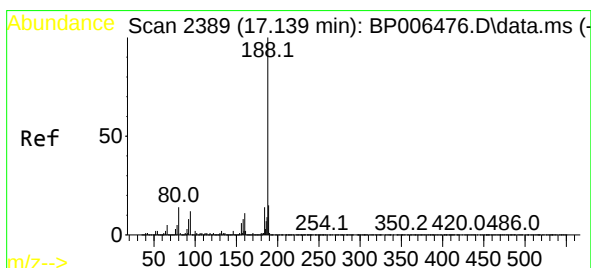
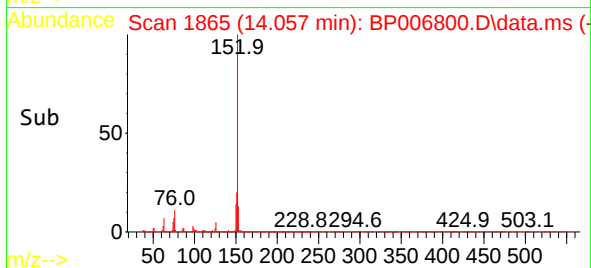
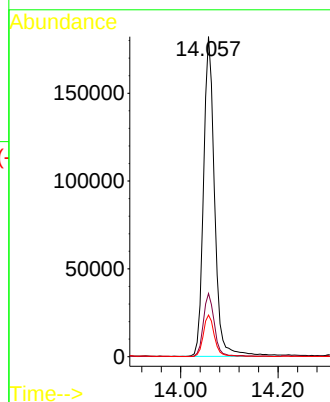
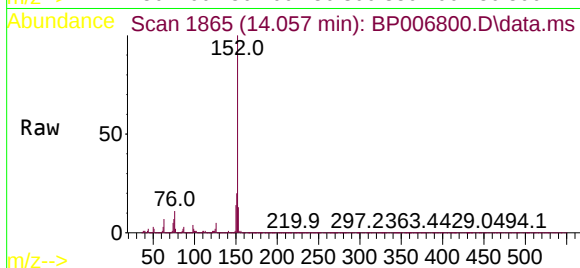
Tgt Ion:152 Resp: 287543

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.0 10.6 16.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 2382

Delta R.T. 0.000 min

Lab File: BP006800.D

Acq: 20 Aug 2021 14:58

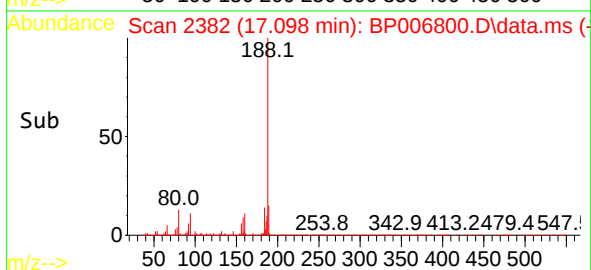
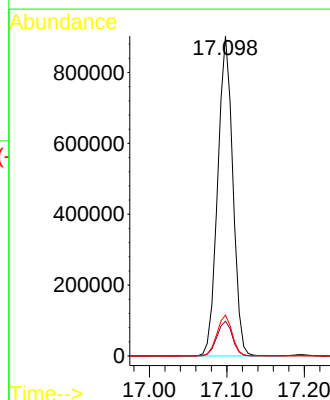
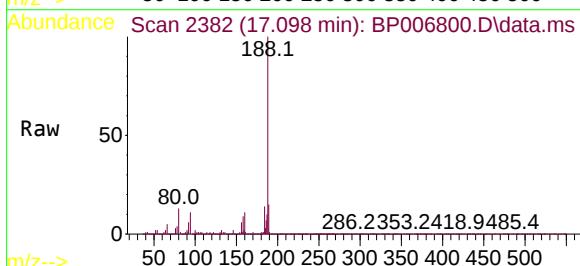
Tgt Ion:188 Resp: 1223319

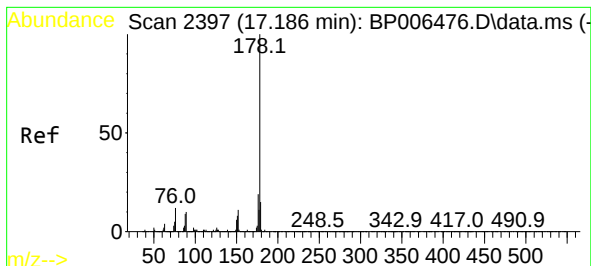
Ion Ratio Lower Upper

188 100

94 10.9 5.6 8.4#

80 12.8 6.3 9.5#

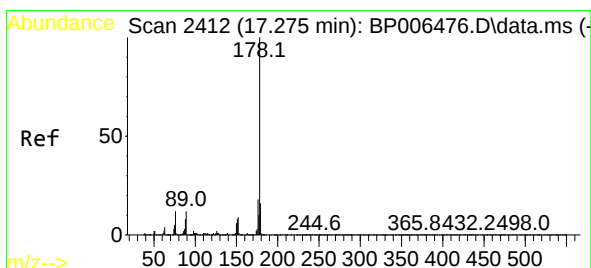
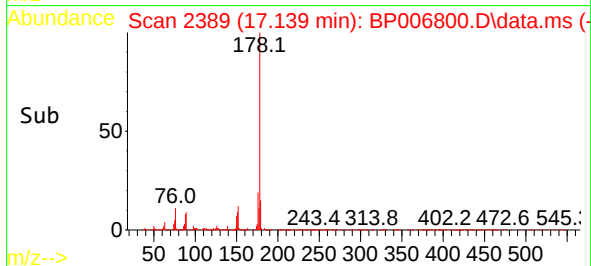
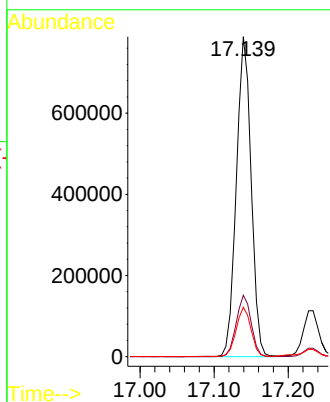
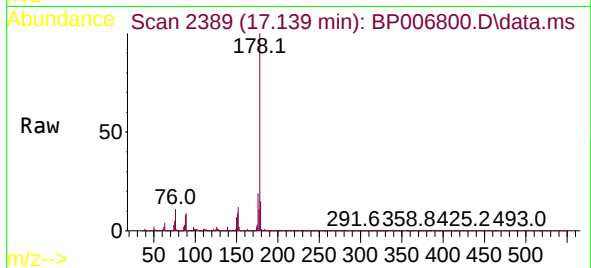




#71
Phenanthrene
Concen: 15.826 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

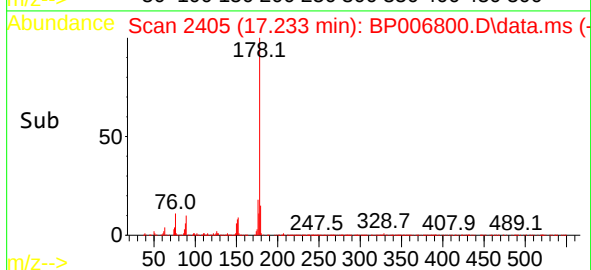
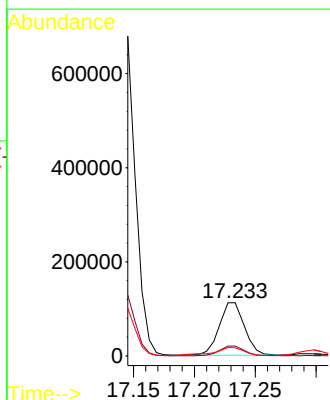
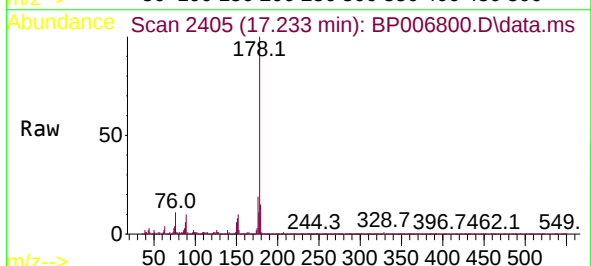
Instrument :
BNA_P
ClientSampled :

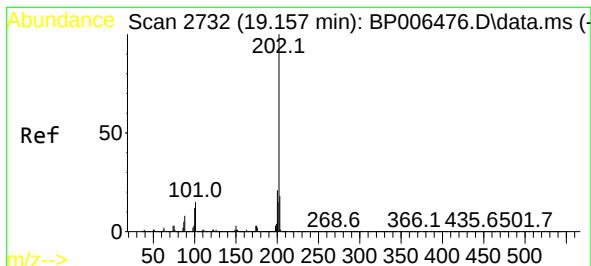
Tgt Ion:178 Resp: 1092046
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.5 12.4 18.6



#72
Anthracene
Concen: 2.428 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:178 Resp: 161896
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.3 12.2 18.2

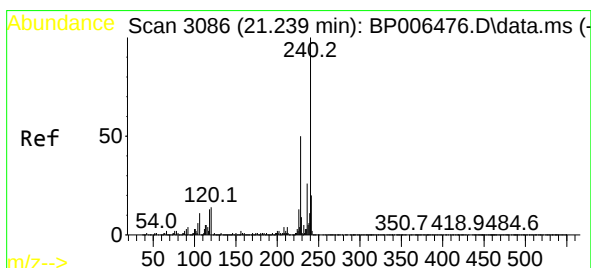
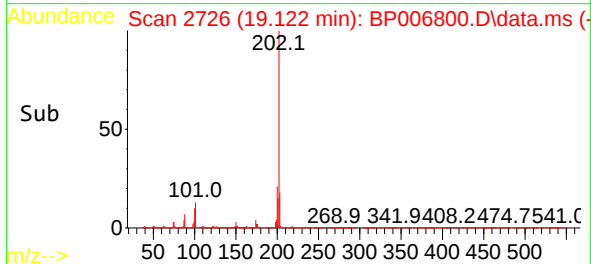
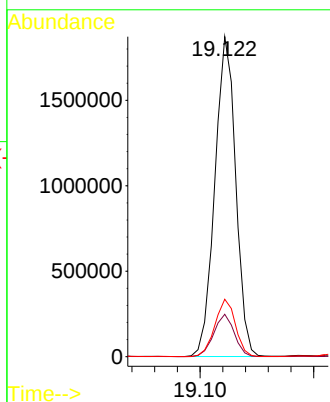
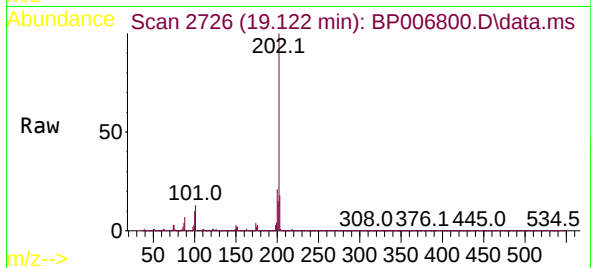




#75
Fluoranthene
Concen: 30.886 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

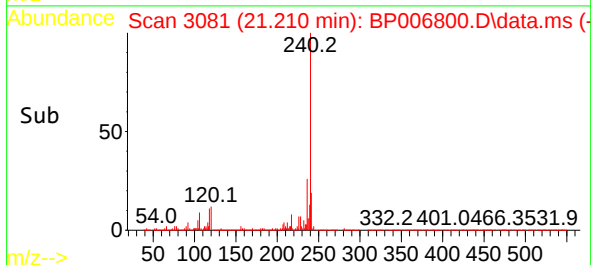
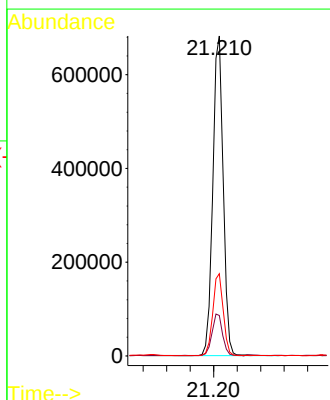
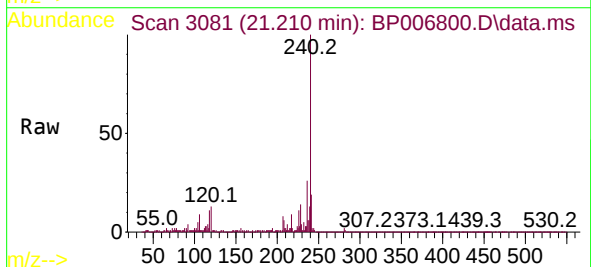
Instrument :
BNA_P
ClientSampled :

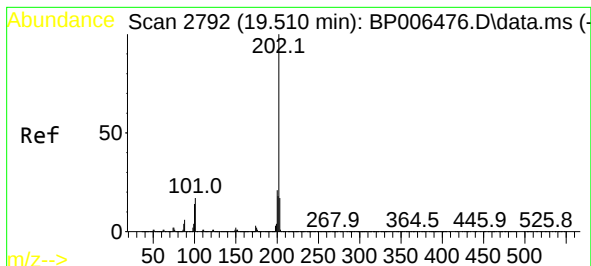
Tgt Ion:202 Resp: 2392084
Ion Ratio Lower Upper
202 100
101 13.3 0.0 27.6
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:240 Resp: 835066
Ion Ratio Lower Upper
240 100
120 12.6 6.5 9.7#
236 25.7 20.6 31.0





#78

Pyrene

Concen: 35.768 ng

RT: 19.475 min Scan# 2786

Delta R.T. 0.000 min

Lab File: BP006800.D

Acq: 20 Aug 2021 14:58

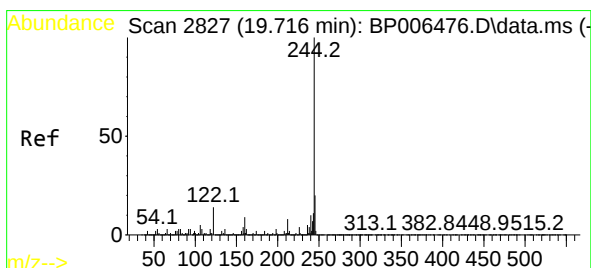
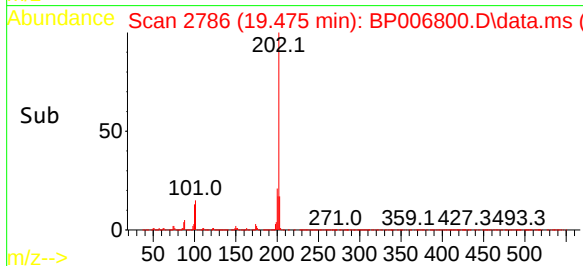
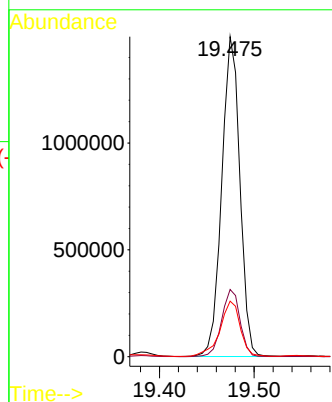
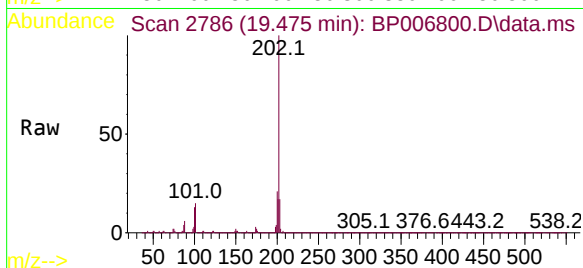
Instrument :

BNA_P

ClientSampled :

Tgt Ion:202 Resp: 1995059

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	17.3	14.2	21.2



#79

Terphenyl-d14

Concen: 85.584 ng

RT: 19.680 min Scan# 2821

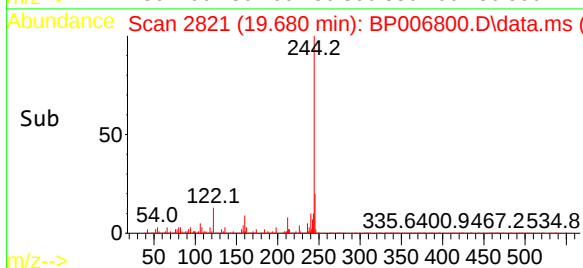
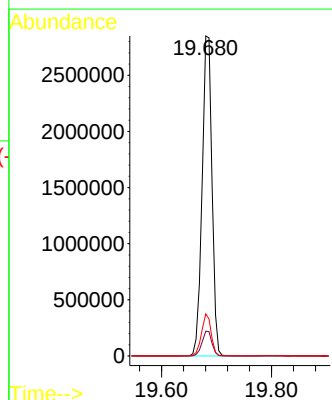
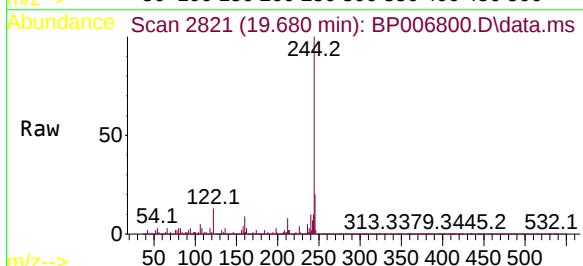
Delta R.T. 0.000 min

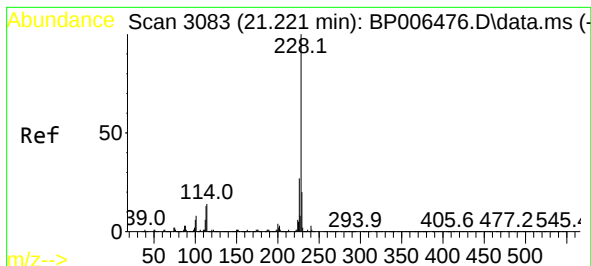
Lab File: BP006800.D

Acq: 20 Aug 2021 14:58

Tgt Ion:244 Resp: 3566678

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.1	7.1	10.7

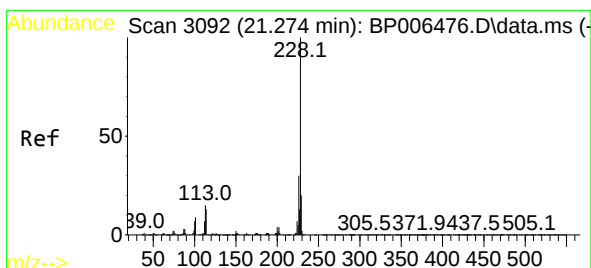
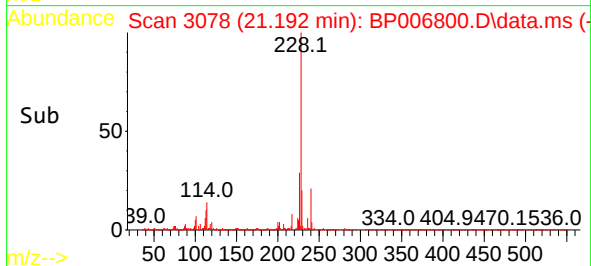
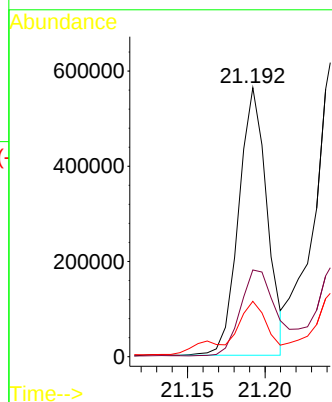
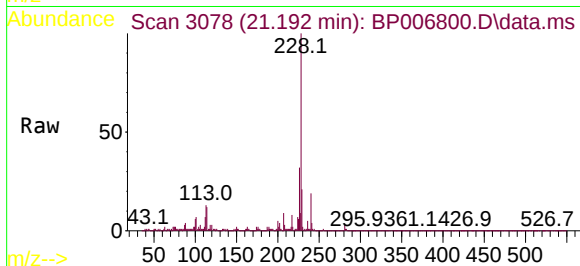




#81
Benzo(a)anthracene
Concen: 13.089 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

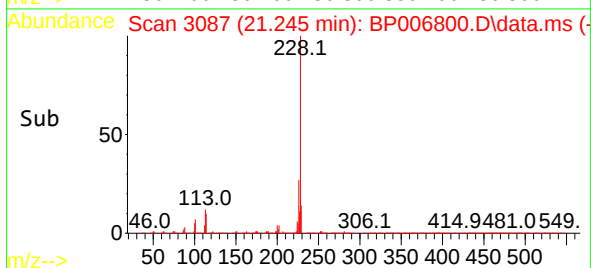
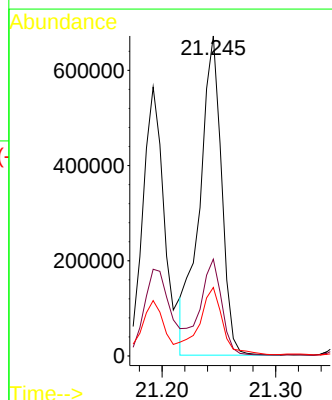
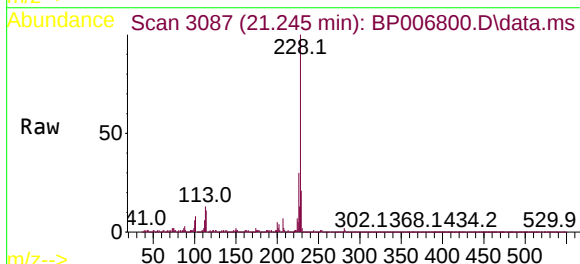
Instrument :
BNA_P
ClientSampled :

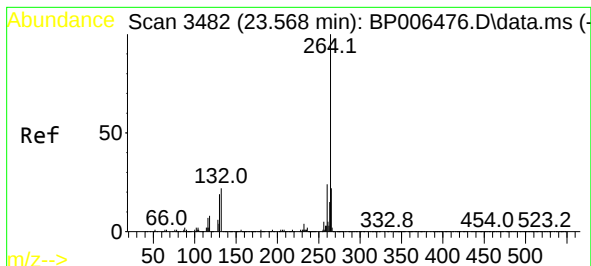
Tgt Ion:228 Resp: 714307
Ion Ratio Lower Upper
228 100
226 32.2 21.6 32.4
229 20.6 15.8 23.6



#83
Chrysene
Concen: 17.014 ng
RT: 21.245 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:228 Resp: 900146
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 21.4 15.4 23.2

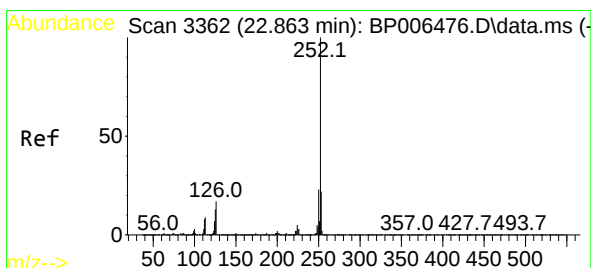
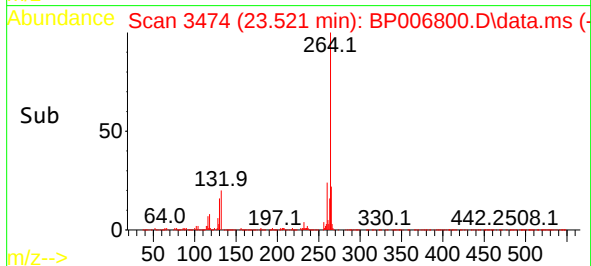
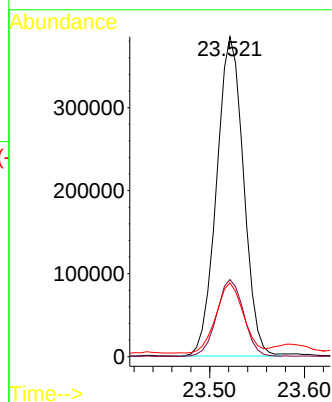
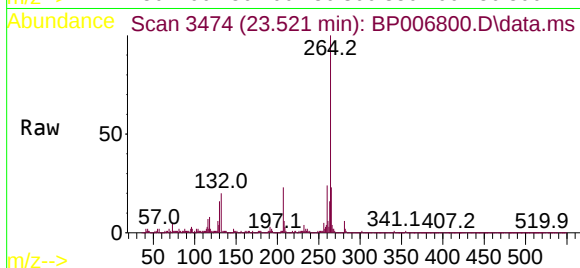




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

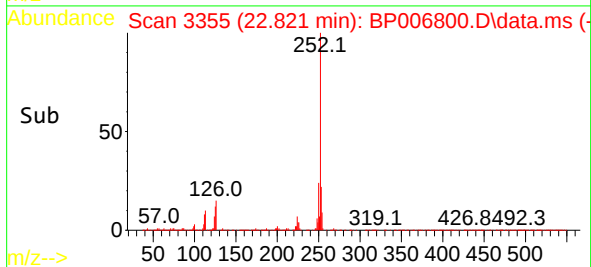
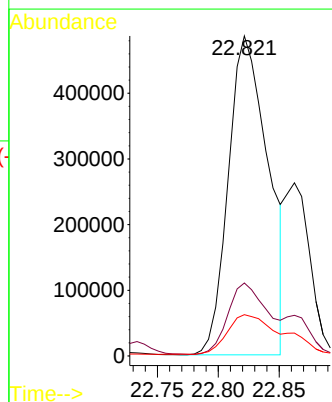
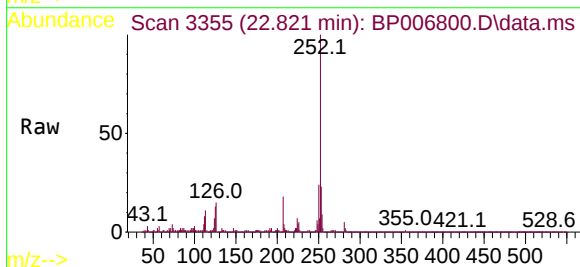
Instrument :
BNA_P
ClientSampled :

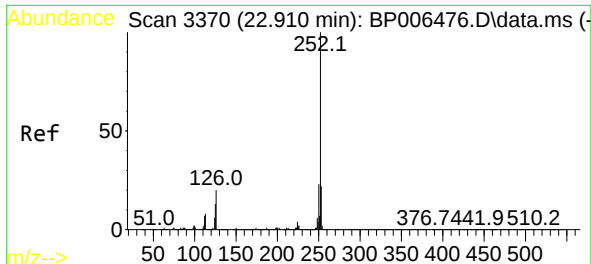
Tgt Ion:264 Resp: 761328
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 23.1 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 22.312 ng
RT: 22.821 min Scan# 3355
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:252 Resp: 1103997
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 12.9 6.2 9.4#

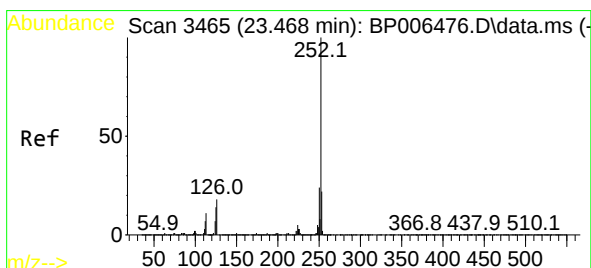
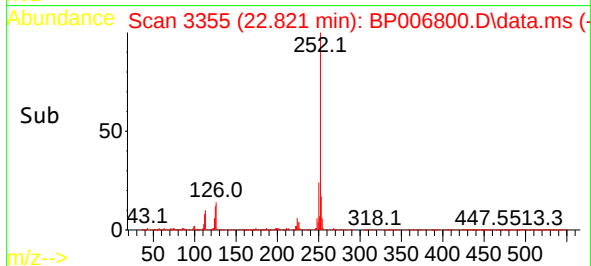
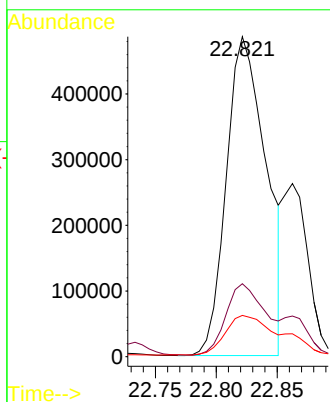
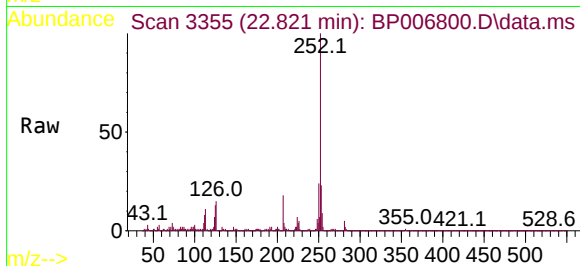




#89
Benzo(k)fluoranthene
Concen: 23.239 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.041 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

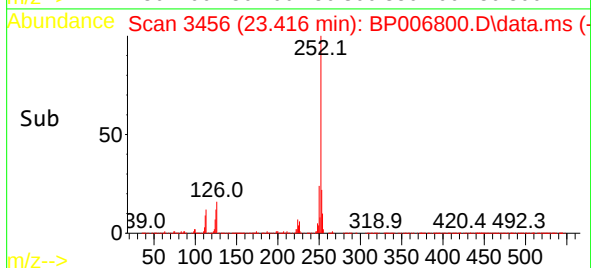
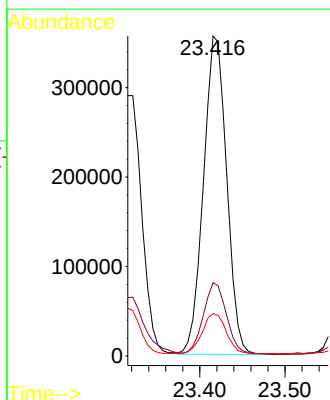
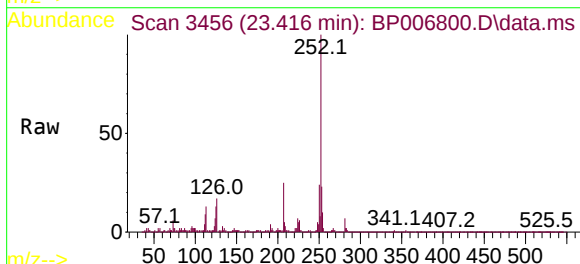
Instrument :
BNA_P
ClientSampled :

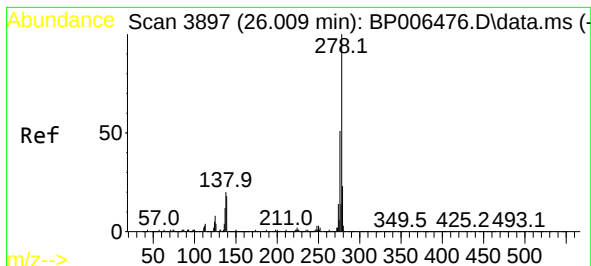
Tgt Ion:252 Resp: 1103997
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 12.9 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 15.155 ng
RT: 23.416 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:252 Resp: 672581
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 13.2 6.5 9.7#

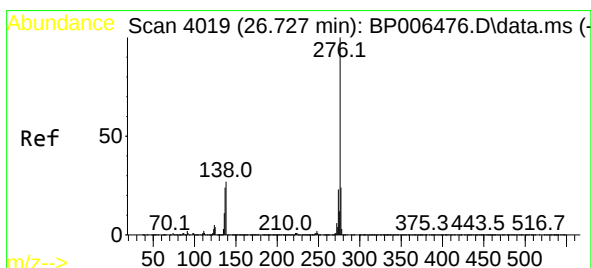
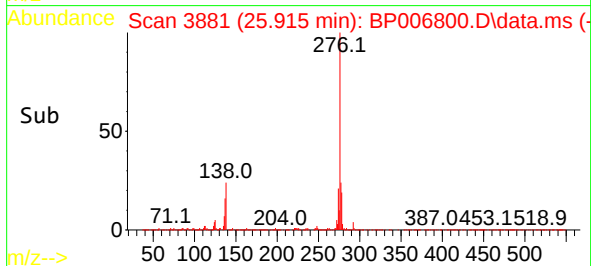
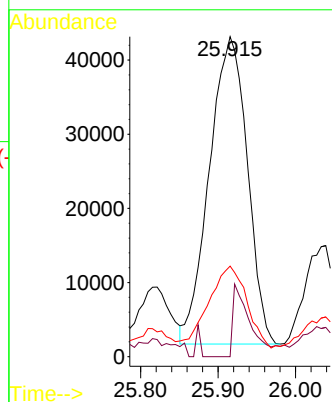
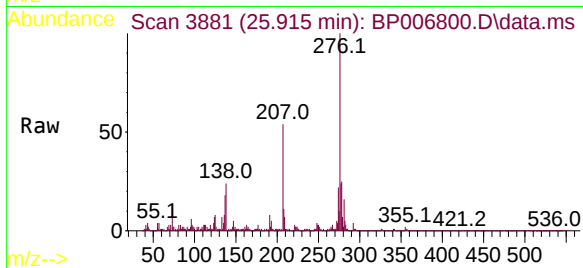




#91
Dibenzo(a,h)anthracene
Concen: 2.958 ng
RT: 25.915 min Scan# 3881
Delta R.T. -0.012 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Instrument :
BNA_P
ClientSampled :

Tgt Ion:278 Resp: 141193
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 28.3 18.8 28.2#



#92
Benzo(g,h,i)perylene
Concen: 12.130 ng
RT: 26.639 min Scan# 4004
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:276 Resp: 554790
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 25.0 12.6 18.8#

