

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010477.D
 Acq On : 23 May 2022 15:14
 Operator : CG/JU
 Sample : N2918-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTB8

Quant Time: May 23 23:19:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

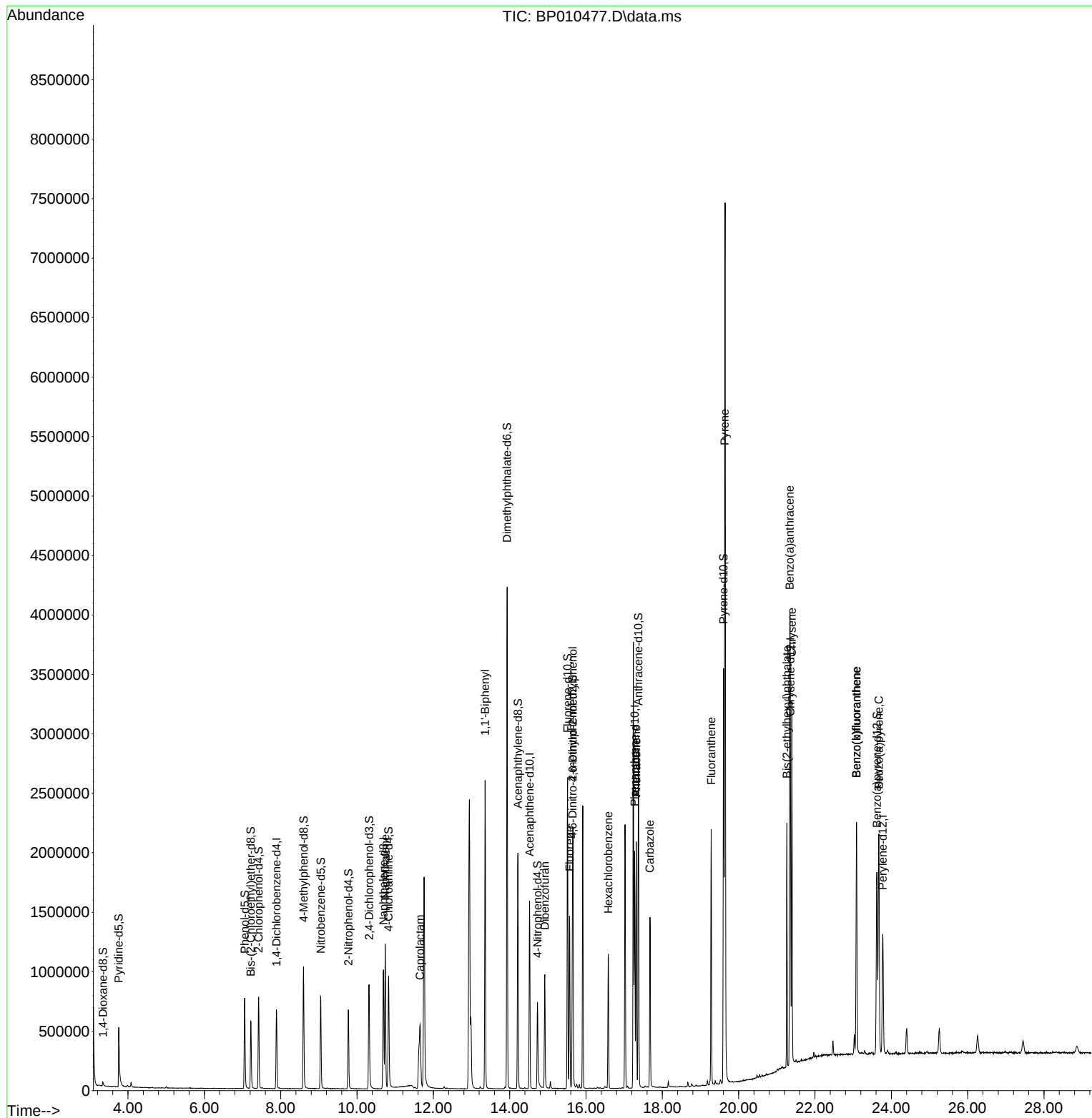
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	181605	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	804602	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	535399	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1124733	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	989535	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	757862	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	18257	4.285	ng/uL	0.00
4) Pyridine-d5	3.758	84	294352	24.332	ng/ul	0.00
7) Phenol-d5	7.058	99	418378	27.448	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	274617	26.816	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	320468	27.476	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	367562	28.375	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	176115	28.282	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	195141	29.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	343492	27.527	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	494220	26.638	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	1164547	29.522	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1320394	29.019	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	179984	25.635	ng/ul	0.00
60) Fluorene-d10	15.516	176	990570	28.865	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	193098	29.356	ng/ul	0.00
73) Anthracene-d10	17.375	188	1537910	30.197	ng/ul	0.00
81) Pyrene-d10	19.604	212	1797388	34.203	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.621	264	1204701	31.657	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.740	128	940158	22.371	ng/ul	96
34) Caprolactam	11.651	113	172723	38.794	ng/ul#	1
43) 1,1'-Biphenyl	13.357	154	1283542	32.661	ng/ul#	93
56) Dibenzofuran	14.922	168	603324	12.821	ng/ul	99
61) Fluorene	15.569	166	625754	16.261	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.657	198	368068	56.109	ng/ul#	88
69) Hexachlorobenzene	16.586	284	225237	16.905	ng/ul#	90
72) Phenanthrene	17.316	178	1197384	19.948	ng/ul	98
74) Anthracene	17.316	178	1196458	19.869	ng/ul	97
77) Carbazole	17.675	167	915291	17.296	ng/ul#	95
80) Fluoranthene	19.280	202	1227925	20.107	ng/ul	96
82) Pyrene	19.633	202	1516110	23.790	ng/ul	96
85) Benzo(a)anthracene	21.339	228	1778919	28.748	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.263	149	606338	16.214	ng/ul#	82
87) Chrysene	21.392	228	1509883	24.807	ng/ul	99
90) Benzo(b)fluoranthene	23.086	252	1424011	28.190	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	1424011	29.661	ng/ul#	98
93) Benzo(a)pyrene	23.674	252	1350914	28.784	ng/ul#	98

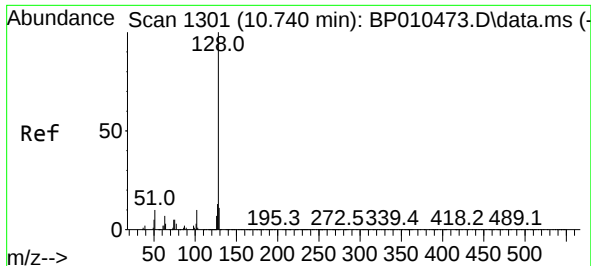
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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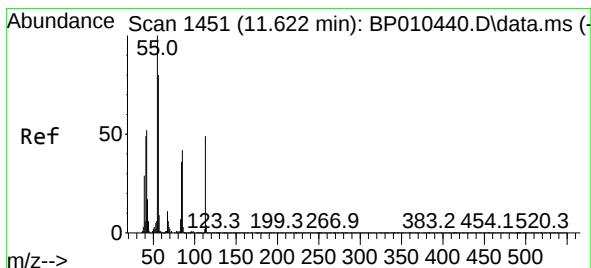
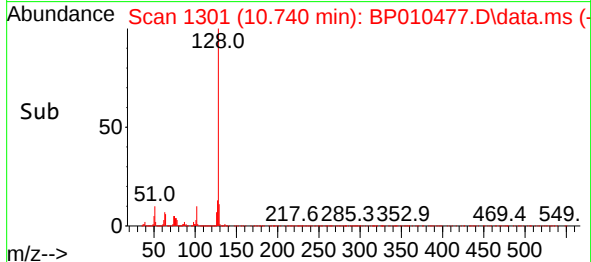
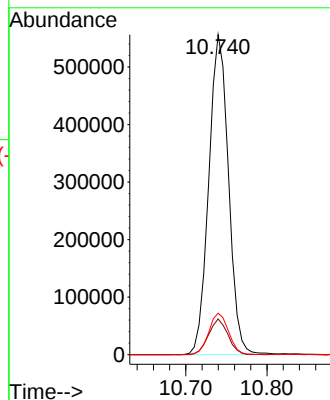
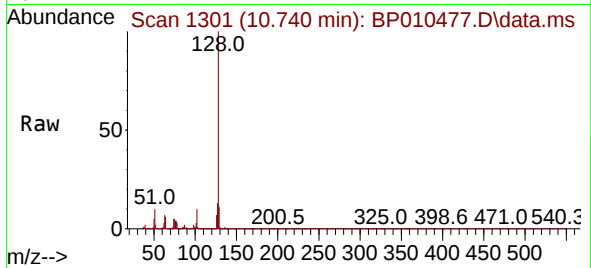




#30
Naphthalene
Concen: 22.371 ng/ul
RT: 10.740 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

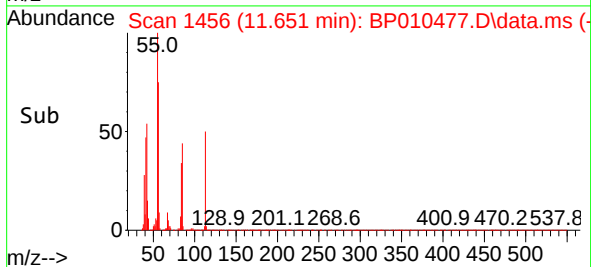
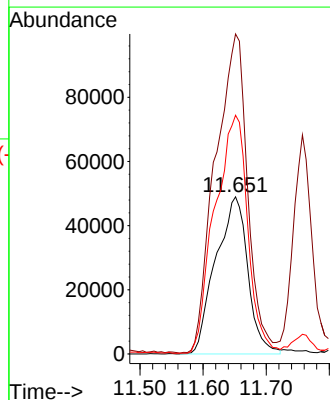
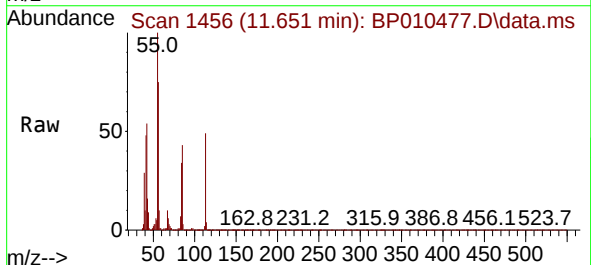
Instrument :
BNA_P
ClientSampleId :
DBTB8

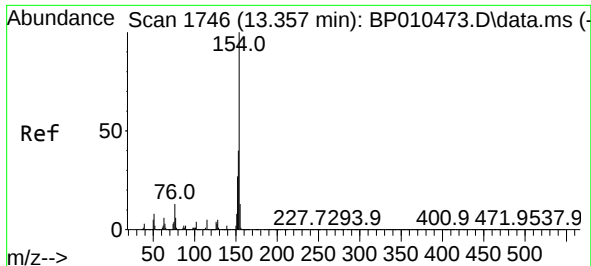
Tgt Ion:128 Resp: 940158
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 12.2 18.4



#34
Caprolactam
Concen: 38.794 ng/ul
RT: 11.651 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

Tgt Ion:113 Resp: 172723
Ion Ratio Lower Upper
113 100
55 203.6 58.2 87.2#
56 151.9 68.6 103.0#

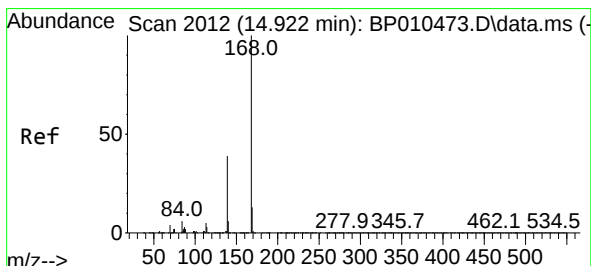
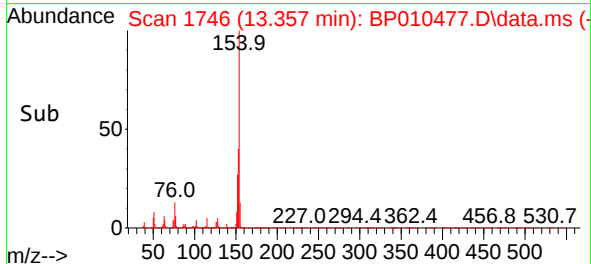
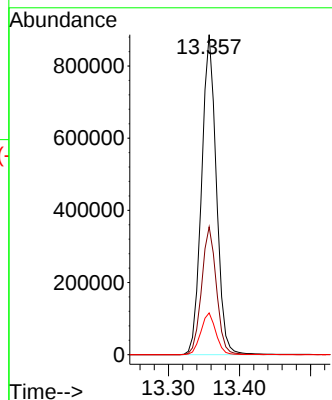
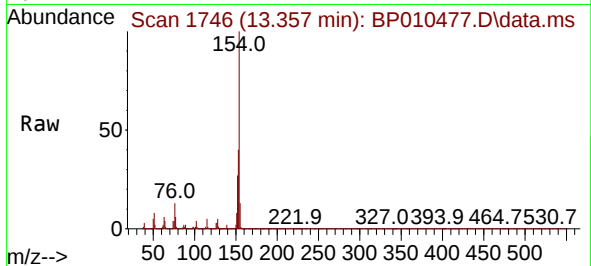




#43
1,1'-Biphenyl
Concen: 32.661 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

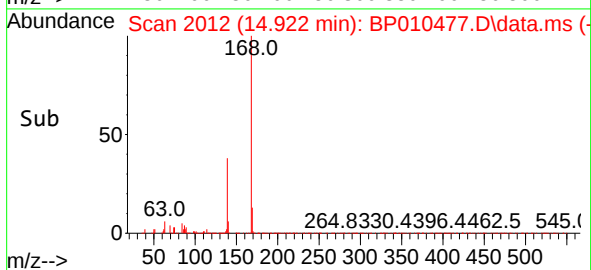
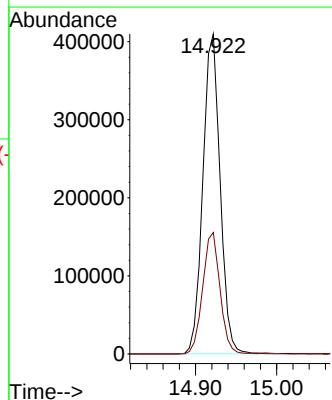
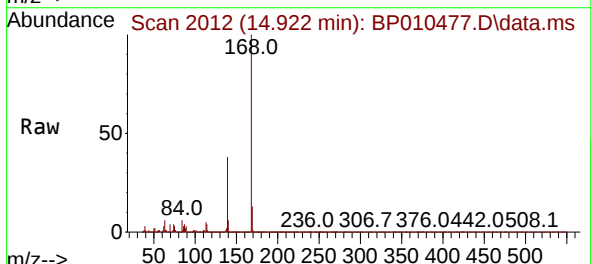
Instrument :
BNA_P
ClientSampleId :
DBTB8

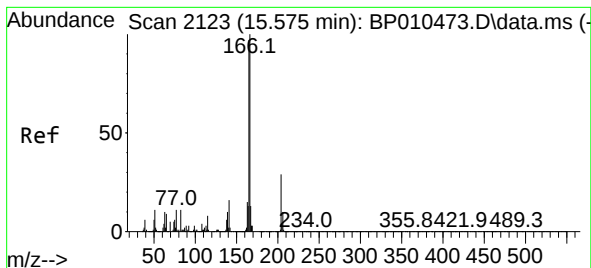
Tgt Ion:154 Resp: 1283542
Ion Ratio Lower Upper
154 100
153 39.9 28.6 43.0
76 13.1 8.5 12.7#



#56
Dibenzofuran
Concen: 12.821 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

Tgt Ion:168 Resp: 603324
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1





#61

Fluorene

Concen: 16.261 ng/ul

RT: 15.569 min Scan# 2122

Delta R.T. -0.012 min

Lab File: BP010477.D

Acq: 23 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

DBTB8

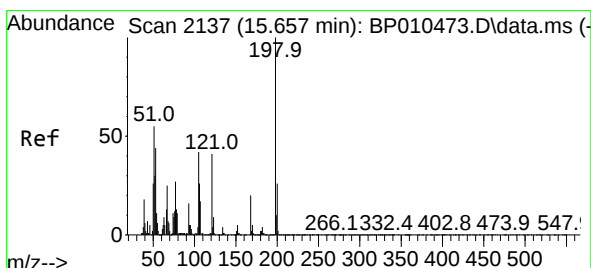
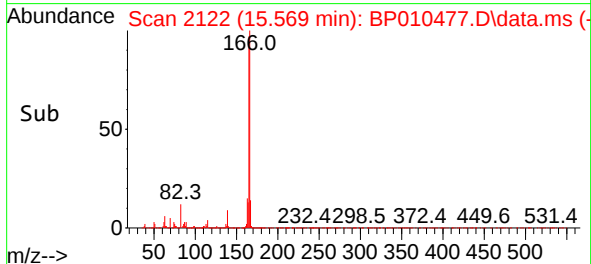
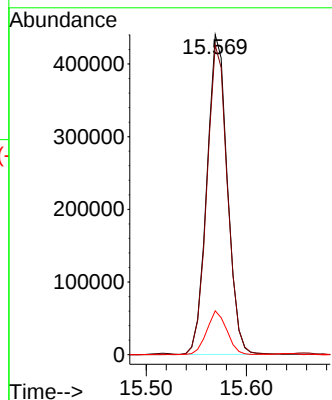
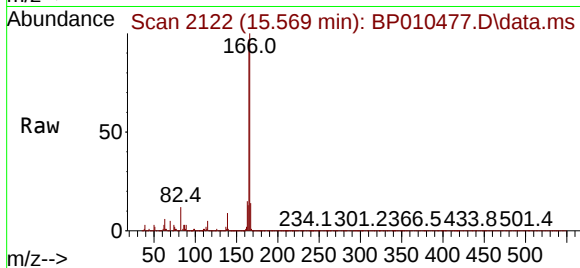
Tgt Ion:166 Resp: 625754

Ion Ratio Lower Upper

166 100

165 96.7 70.3 105.5

167 13.7 9.5 14.3



#66

4,6-Dinitro-2-methylphenol

Concen: 56.109 ng/ul

RT: 15.657 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BP010477.D

Acq: 23 May 2022 15:14

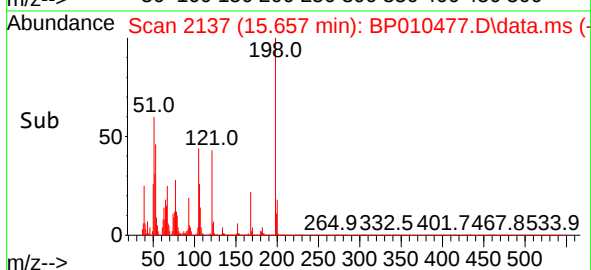
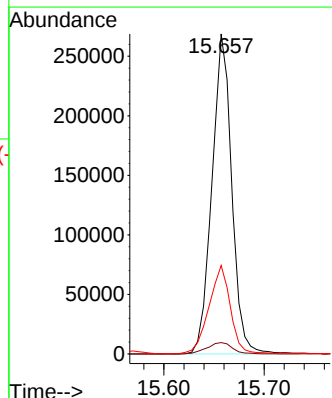
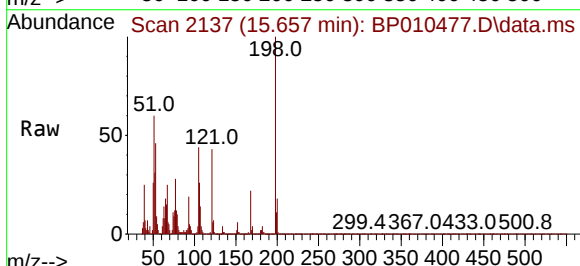
Tgt Ion:198 Resp: 368068

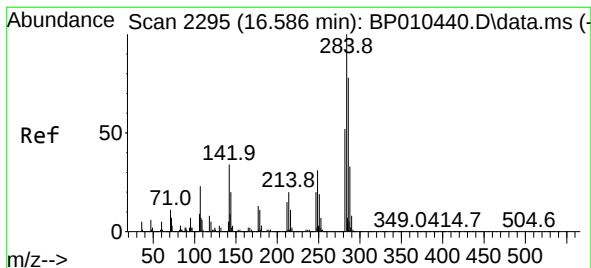
Ion Ratio Lower Upper

198 100

182 3.6 6.0 9.0#

77 27.6 17.7 26.5#





#69

Hexachlorobenzene

Concen: 16.905 ng/ul

RT: 16.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP010477.D

Acq: 23 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

DBTB8

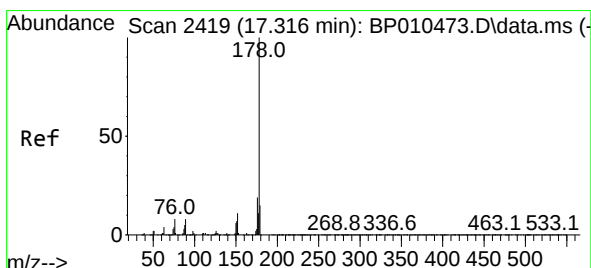
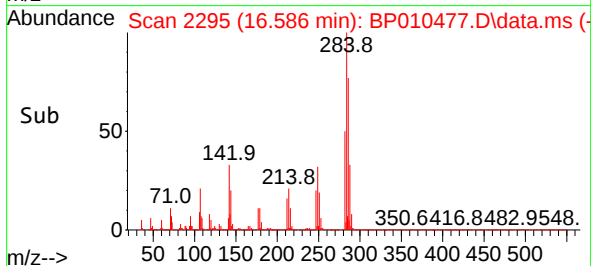
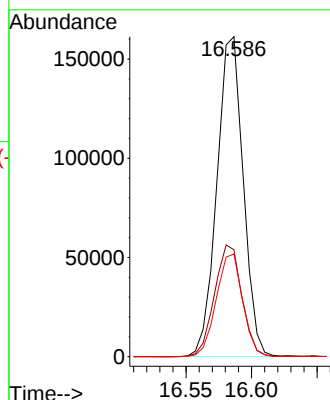
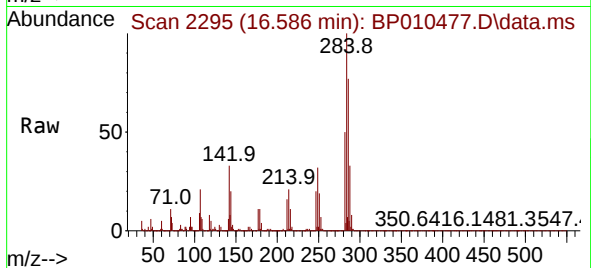
Tgt Ion:284 Resp: 225237

Ion Ratio Lower Upper

284 100

142 33.4 19.2 28.8#

249 32.1 27.4 41.2



#72

Phenanthrene

Concen: 19.948 ng/ul

RT: 17.316 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP010477.D

Acq: 23 May 2022 15:14

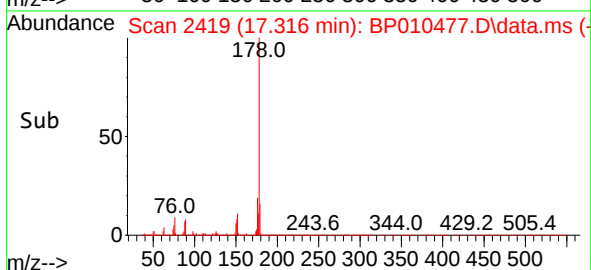
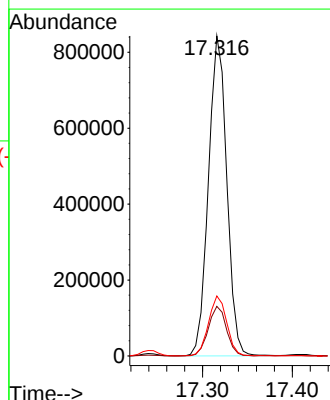
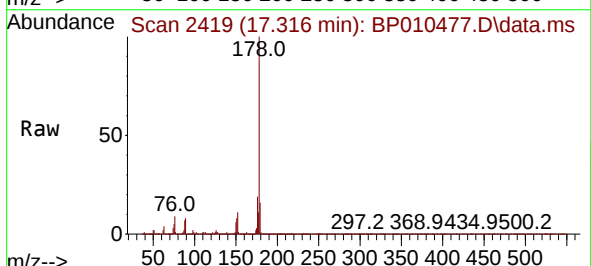
Tgt Ion:178 Resp: 1197384

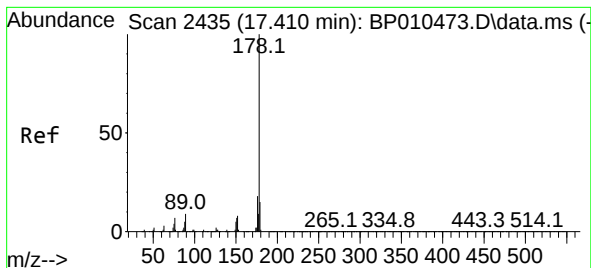
Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

176 18.8 14.5 21.7





#74

Anthracene

Concen: 19.869 ng/ul

RT: 17.316 min Scan# 2435

Delta R.T. -0.100 min

Lab File: BP010477.D

Acq: 23 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

DBTB8

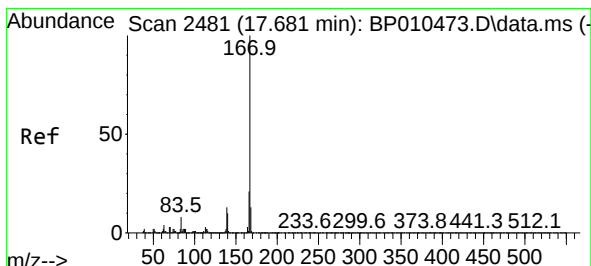
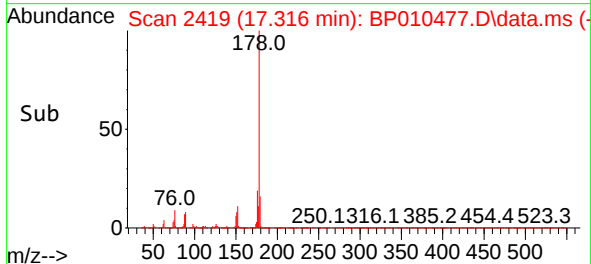
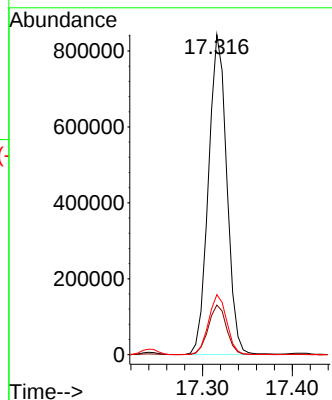
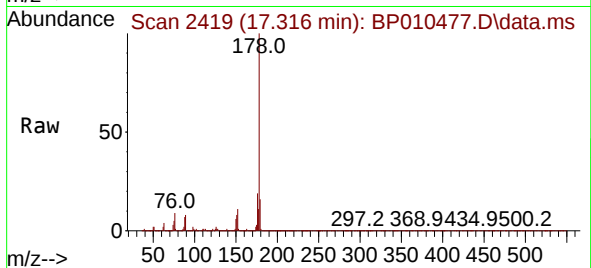
Tgt Ion:178 Resp: 1196458

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.8 13.4 20.2



#77

Carbazole

Concen: 17.296 ng/ul

RT: 17.675 min Scan# 2480

Delta R.T. -0.012 min

Lab File: BP010477.D

Acq: 23 May 2022 15:14

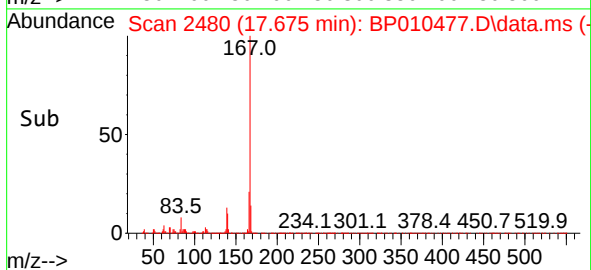
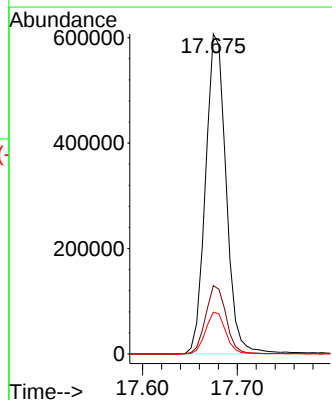
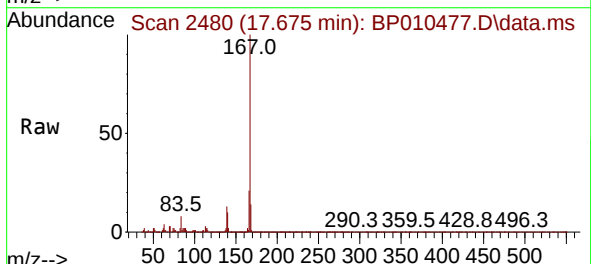
Tgt Ion:167 Resp: 915291

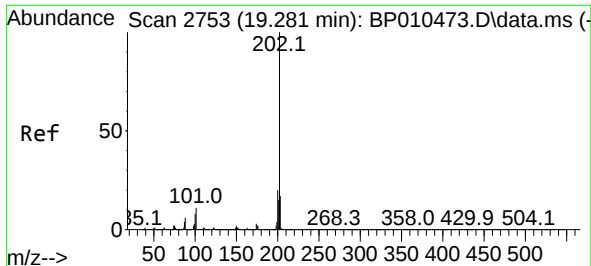
Ion Ratio Lower Upper

167 100

166 21.4 15.8 23.8

139 13.1 8.3 12.5#

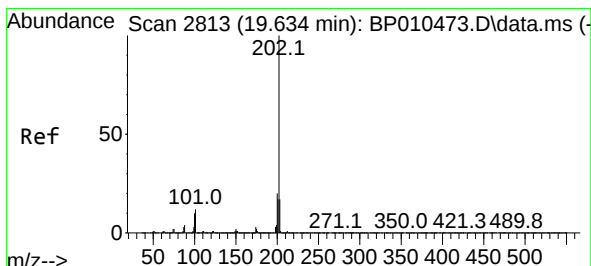
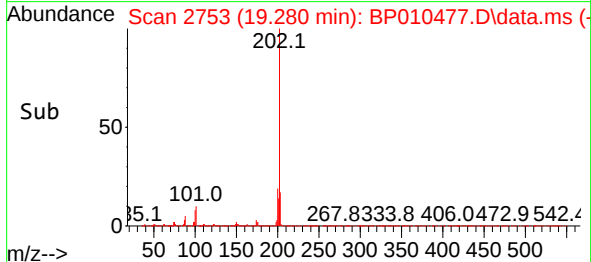
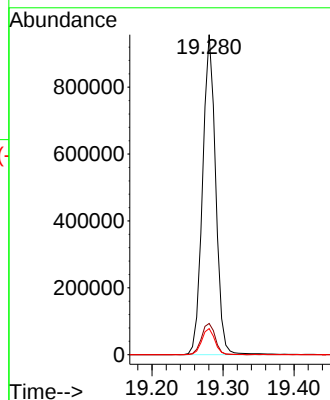
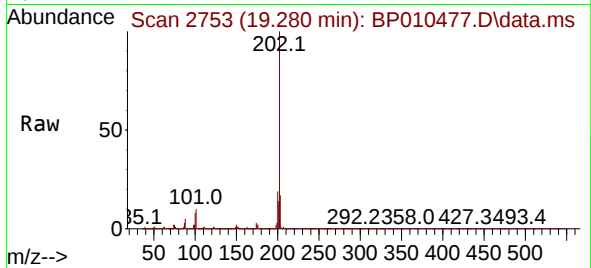




#80
Fluoranthene
Concen: 20.107 ng/ul
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

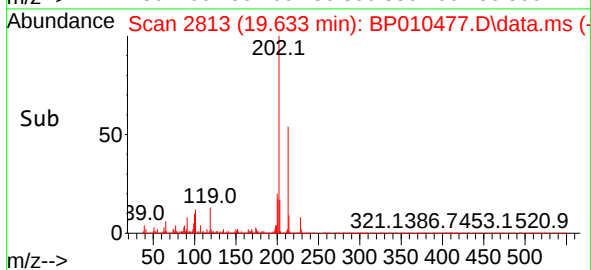
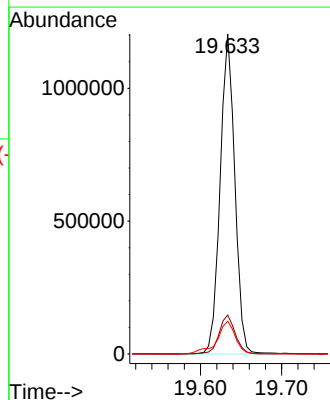
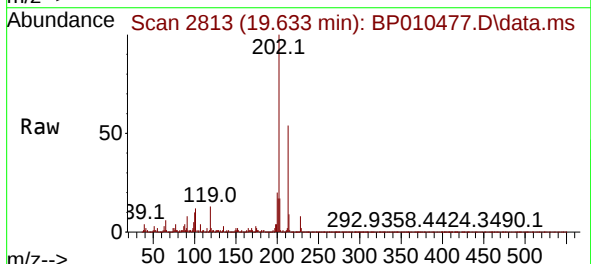
Instrument :
BNA_P
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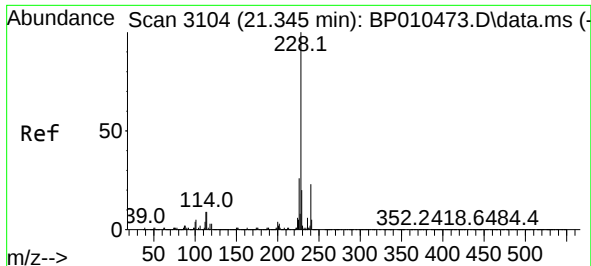
Tgt Ion:202 Resp: 1227925
Ion Ratio Lower Upper
202 100
101 9.8 9.6 14.4
100 8.1 6.3 9.5



#82
Pyrene
Concen: 23.790 ng/ul
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

Tgt Ion:202 Resp: 1516110
Ion Ratio Lower Upper
202 100
101 12.2 10.6 15.8
100 10.2 9.8 14.6

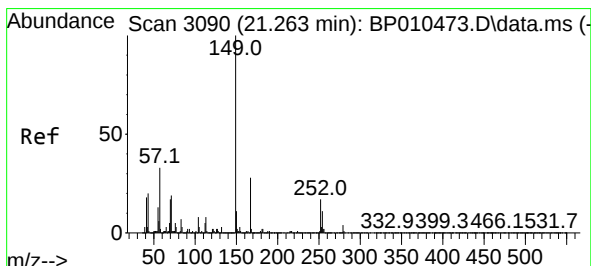
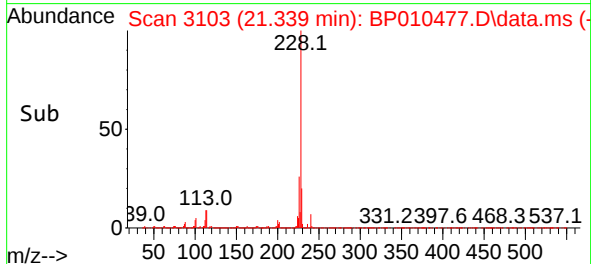
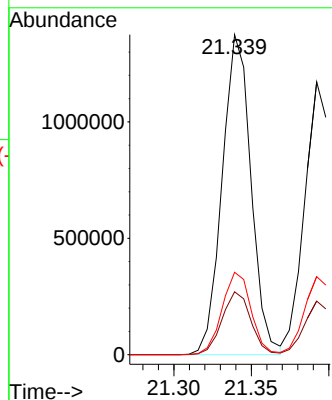
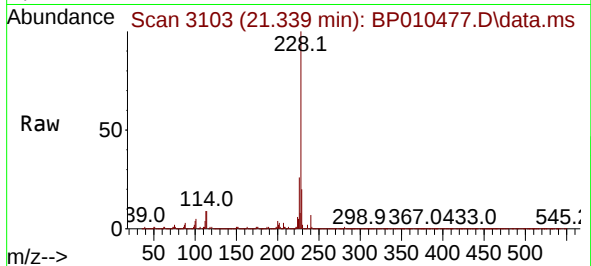




#85
Benzo(a)anthracene
Concen: 28.748 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

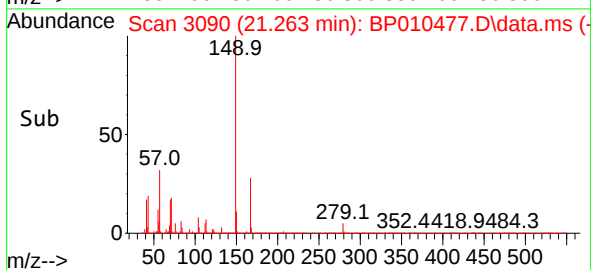
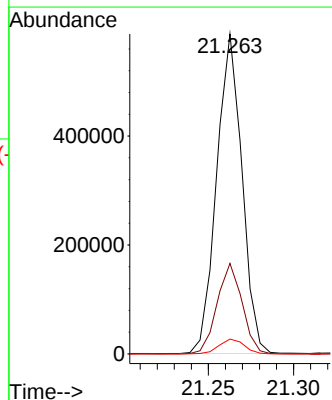
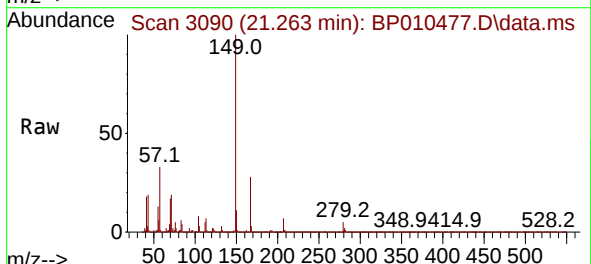
Instrument :
BNA_P
ClientSampleId :
DBTB8

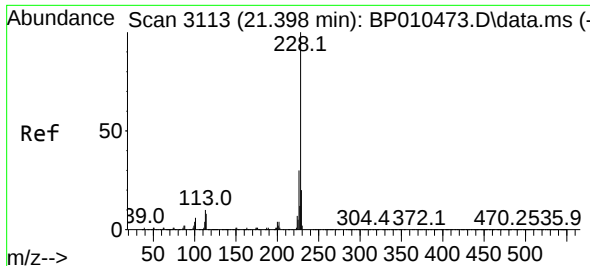
Tgt Ion:228 Resp: 1778919
Ion Ratio Lower Upper
228 100
229 19.7 18.2 27.2
226 25.8 22.8 34.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 16.214 ng/ul
RT: 21.263 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

Tgt Ion:149 Resp: 606338
Ion Ratio Lower Upper
149 100
167 28.3 32.8 49.2#
279 4.6 5.6 8.4#

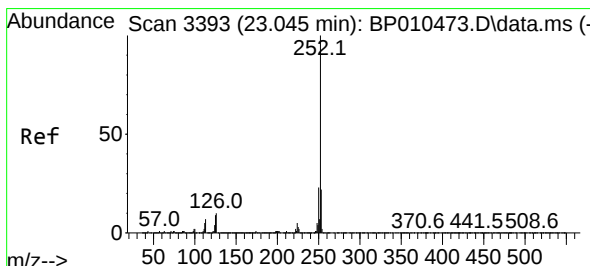
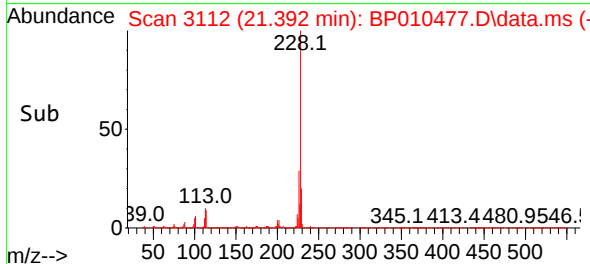
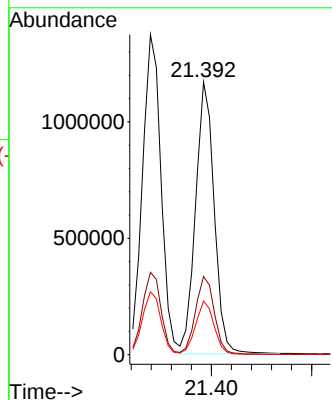
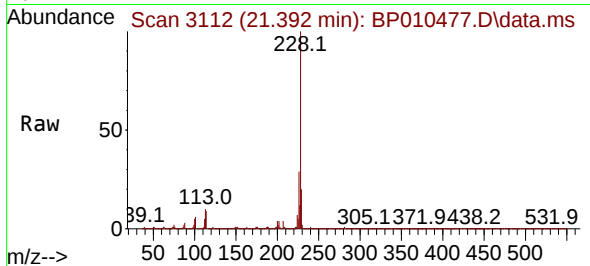




#87
Chrysene
Concen: 24.807 ng/ul
RT: 21.392 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

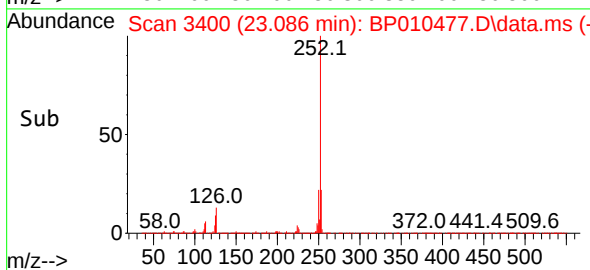
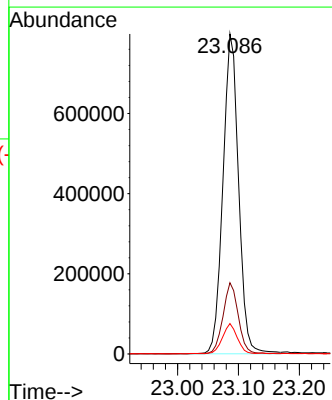
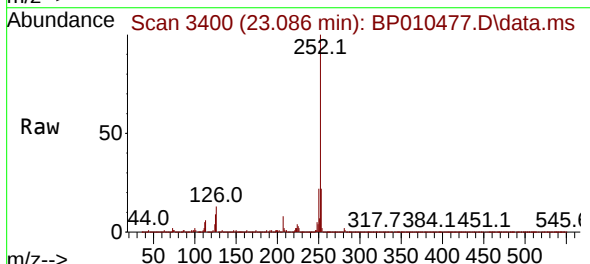
Instrument :
BNA_P
ClientSampleId :
DBTB8

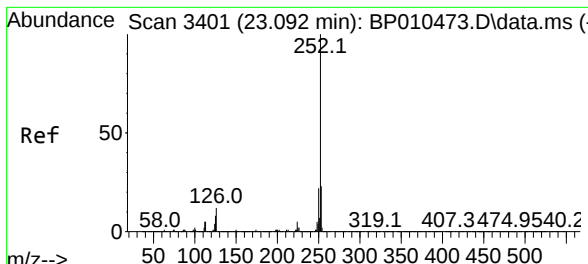
Tgt Ion:228 Resp: 1509883
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 19.7 15.2 22.8



#90
Benzo(b)fluoranthene
Concen: 28.190 ng/ul
RT: 23.086 min Scan# 3400
Delta R.T. 0.035 min
Lab File: BP010477.D
Acq: 23 May 2022 15:14

Tgt Ion:252 Resp: 1424011
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.5 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 29.661 ng/ul

RT: 23.086 min Scan# 3400

Delta R.T. -0.012 min

Lab File: BP010477.D

Acq: 23 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

DBTB8

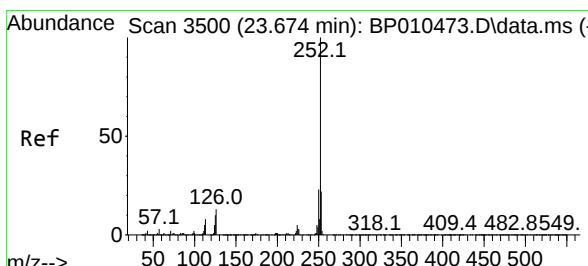
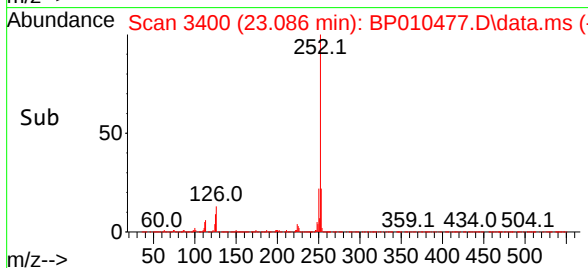
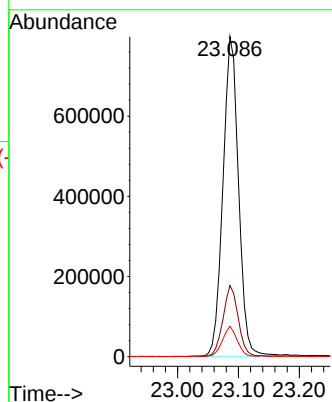
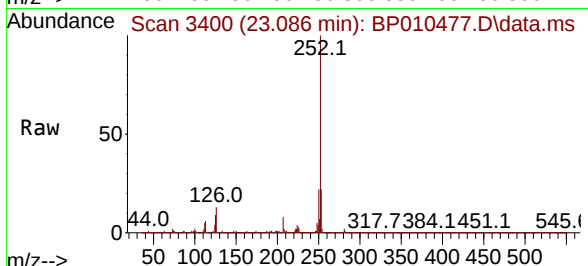
Tgt Ion:252 Resp: 1424011

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 9.5 5.1 7.7#



#93

Benzo(a)pyrene

Concen: 28.784 ng/ul

RT: 23.674 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BP010477.D

Acq: 23 May 2022 15:14

Tgt Ion:252 Resp: 1350914

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.8 6.4 9.6#

