

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
 Data File : BP013079.D
 Acq On : 12 Dec 2022 09:14
 Operator : CG/JU
 Sample : N5832-09MEDL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 11:51:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

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

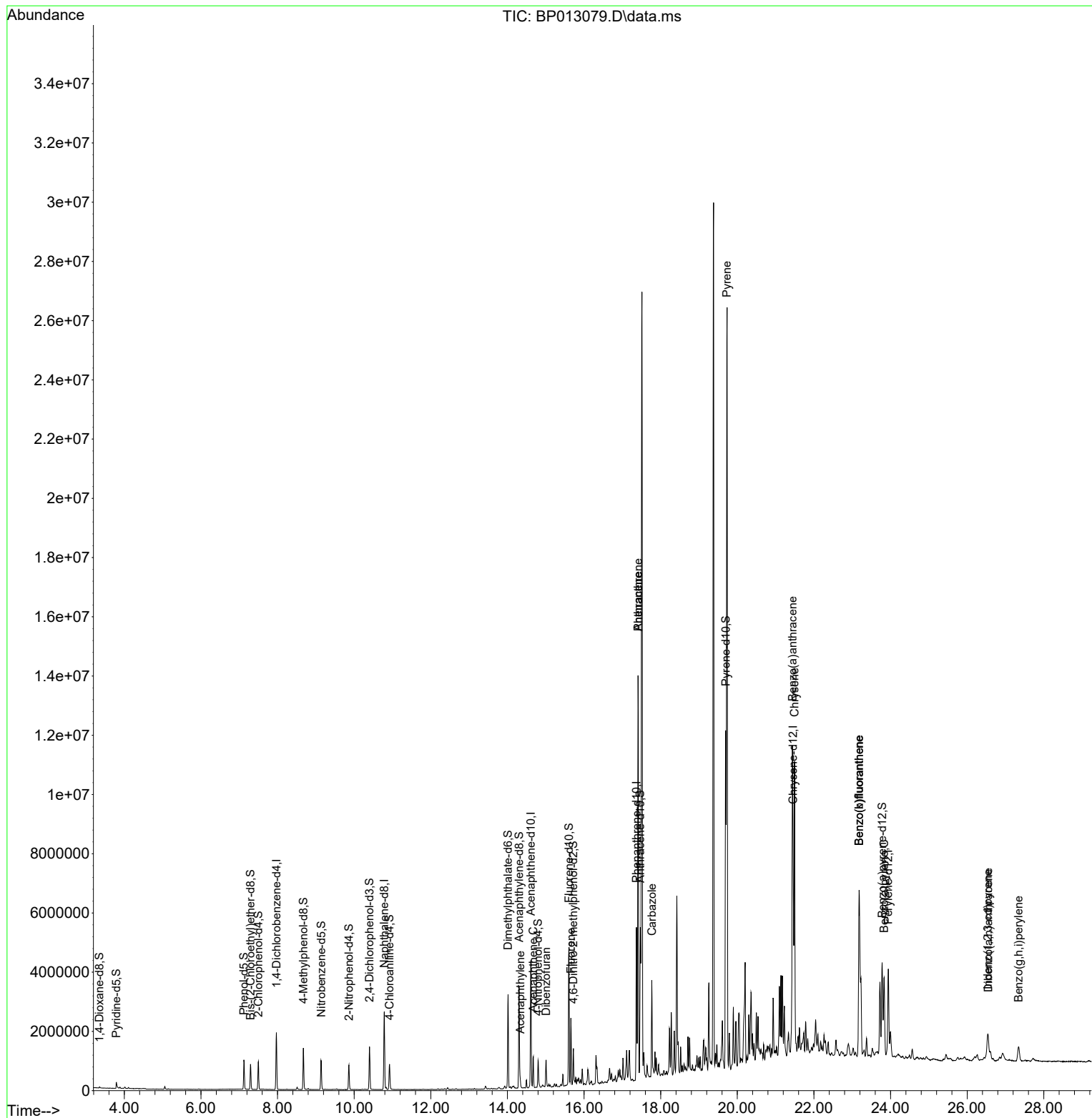
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	518250	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2219260	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1439707	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3198394	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	2563468	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	2382207	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	18662	1.540	ng/uL	0.00
4) Pyridine-d5	3.793	84	111101	3.227	ng/ul	0.01
7) Phenol-d5	7.122	99	551778	13.071	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	364647	14.320	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	420976	12.668	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	503553	14.559	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	222986	13.676	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	257856	14.047	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	541545	15.188	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	460808	9.155	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	2102350	19.000	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	2189074	18.005	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	213733	10.739	ng/ul	0.00
60) Fluorene-d10	15.604	176	1879735	20.081	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	251387	12.214	ng/ul	0.00
73) Anthracene-d10	17.469	188	3028835	20.991	ng/ul	0.00
81) Pyrene-d10	19.698	212	3448524	23.437	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	2522163	21.241	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.334	152	233877	1.789	ng/ul	99
52) Acenaphthene	14.675	153	412463	4.554	ng/ul	99
56) Dibenzofuran	15.010	168	531773	4.129	ng/ul	99
61) Fluorene	15.657	166	950753	9.205	ng/ul	98
72) Phenanthrene	17.410	178	8315374	49.915	ng/ul	99
74) Anthracene	17.410	178	8312752	49.974	ng/ul	98
77) Carbazole	17.769	167	1834844	13.098	ng/ul	99
82) Pyrene	19.727	202	15212971	88.308	ng/ul#	90
85) Benzo(a)anthracene	21.439	228	5292445	31.100	ng/ul	98
87) Chrysene	21.492	228	6104870	37.935	ng/ul	99
90) Benzo(b)fluoranthene	23.180	252	5414821	35.646	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	5414821	35.947	ng/ul	98
93) Benzo(a)pyrene	23.833	252	2085083	15.764	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.539	276	1036995	6.294	ng/ul	97
95) Dibenzo(a,h)anthracene	26.551	278	280057	2.053	ng/ul#	86
96) Benzo(g,h,i)perylene	27.345	276	711141	5.376	ng/ul	97

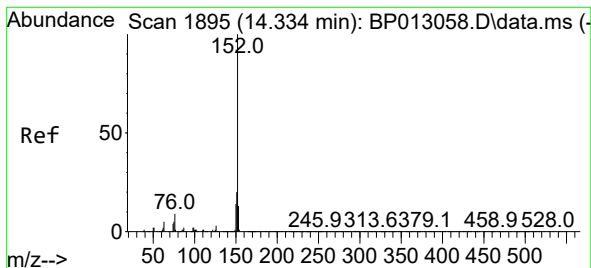
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#50

Acenaphthylene

Concen: 1.789 ng/ul

RT: 14.334 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BP013079.D

Acq: 12 Dec 2022 09:14

Instrument :

BNA_P

ClientSampleId :

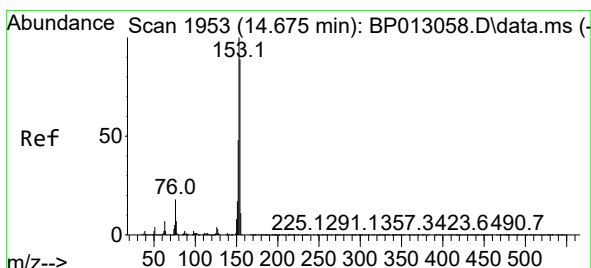
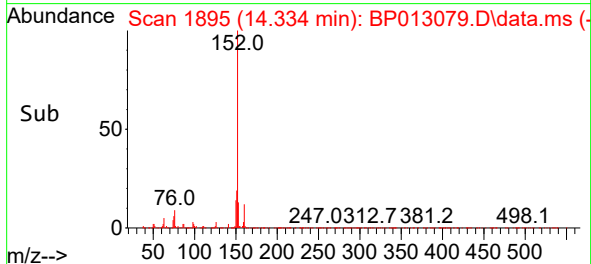
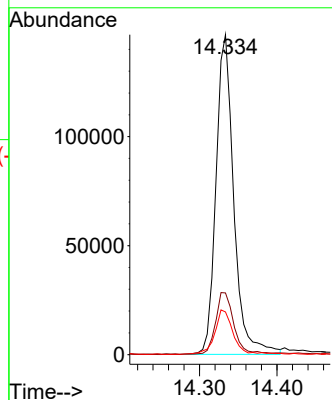
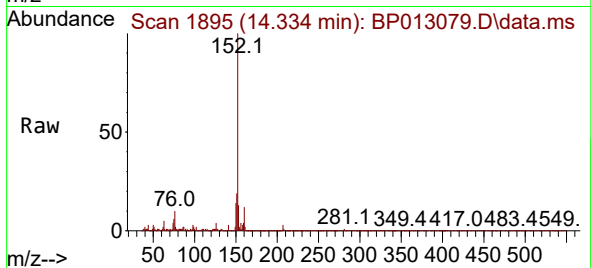
Tgt Ion:152 Resp: 233877

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

153 13.4 10.6 16.0



#52

Acenaphthene

Concen: 4.554 ng/ul

RT: 14.675 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP013079.D

Acq: 12 Dec 2022 09:14

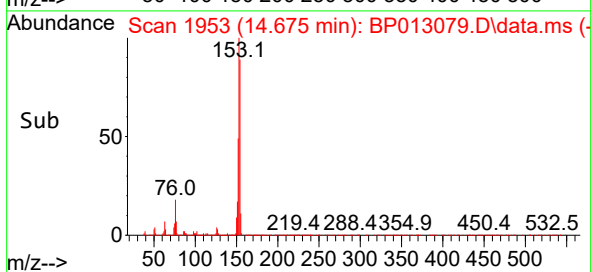
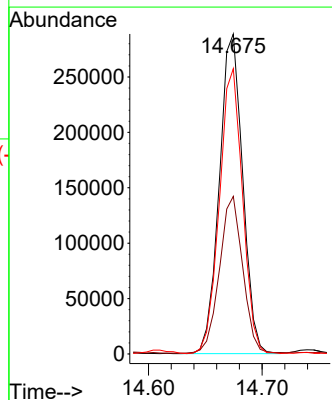
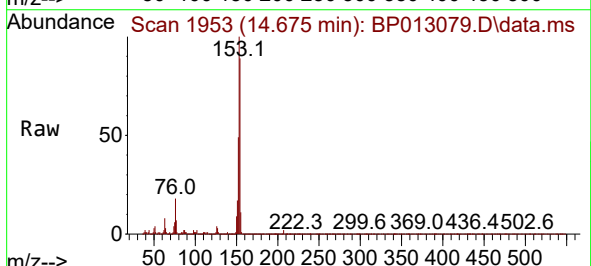
Tgt Ion:153 Resp: 412463

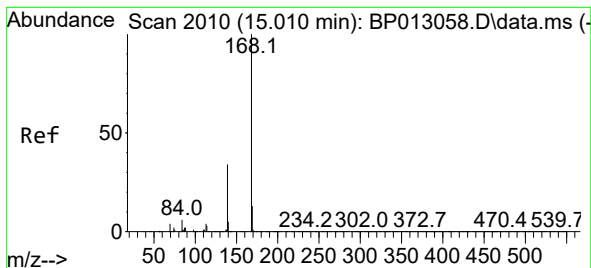
Ion Ratio Lower Upper

153 100

152 49.2 38.2 57.4

154 89.1 70.8 106.2





#56

Dibenzenofuran

Concen: 4.129 ng/ul

RT: 15.010 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BP013079.D

Acq: 12 Dec 2022 09:14

Instrument :

BNA_P

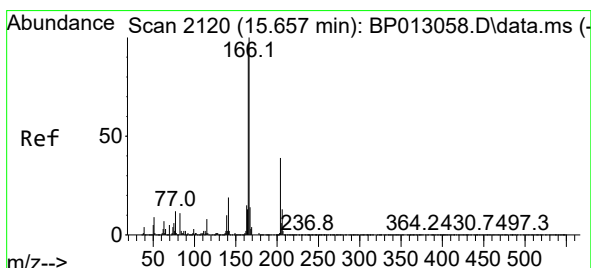
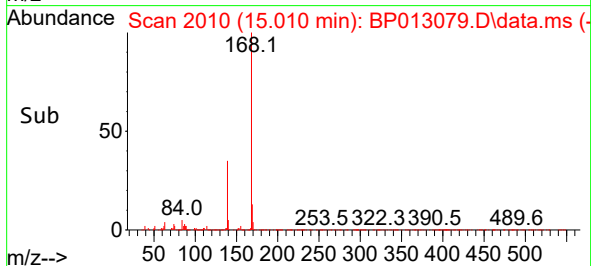
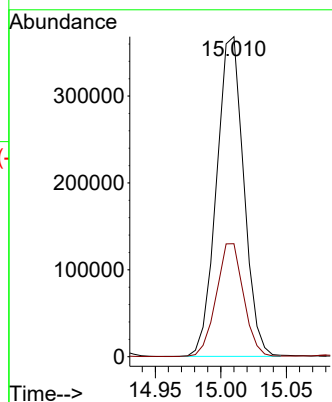
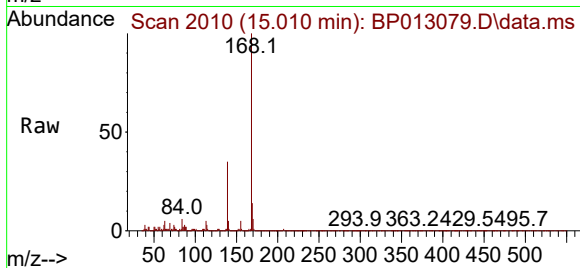
ClientSampleId :

Tgt Ion:168 Resp: 531773

Ion Ratio Lower Upper

168 100

139 35.3 27.9 41.9



#61

Fluorene

Concen: 9.205 ng/ul

RT: 15.657 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BP013079.D

Acq: 12 Dec 2022 09:14

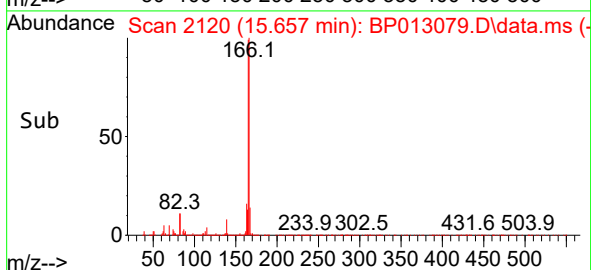
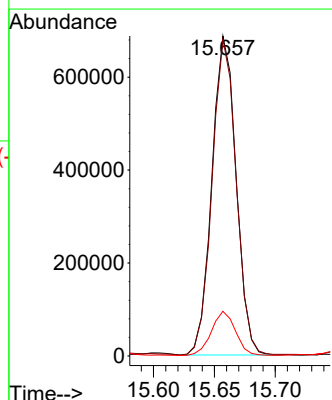
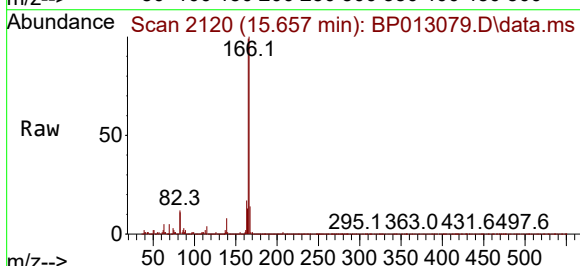
Tgt Ion:166 Resp: 950753

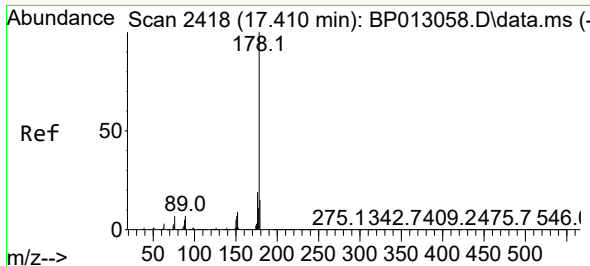
Ion Ratio Lower Upper

166 100

165 99.0 77.4 116.2

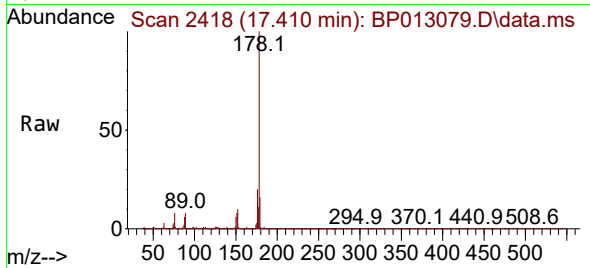
167 14.0 10.6 16.0



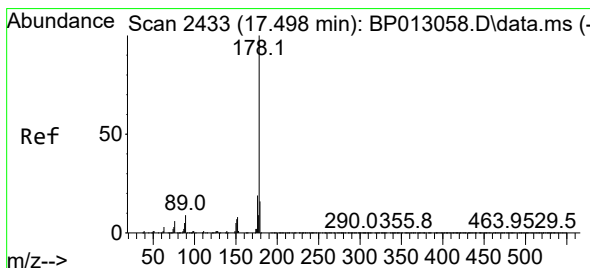
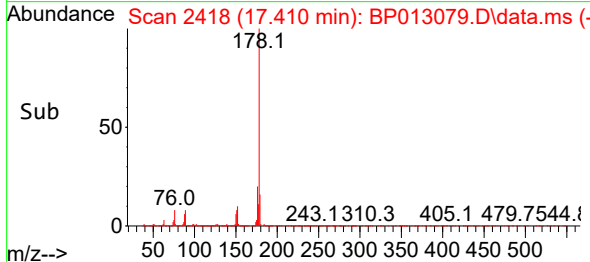
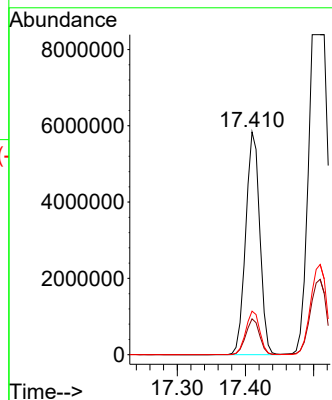


#72
Phenanthrene
Concen: 49.915 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP013079.D
Acq: 12 Dec 2022 09:14

Instrument :
BNA_P
ClientSampleId :

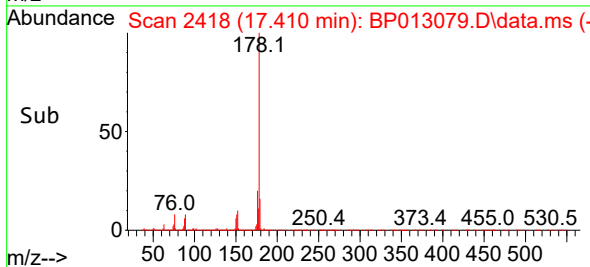
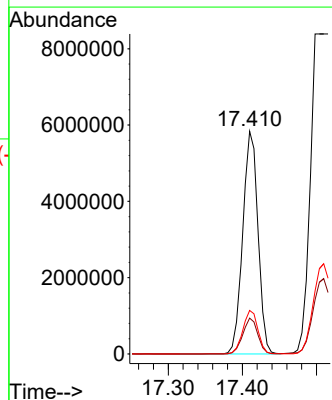
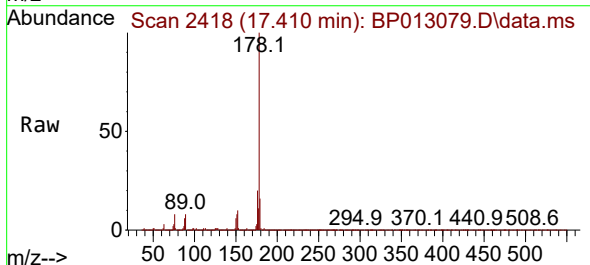


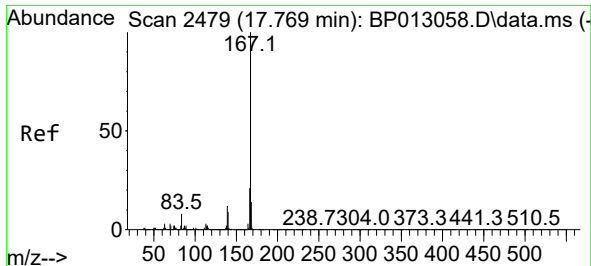
Tgt Ion:178 Resp: 8315374
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 19.6 15.4 23.0



#74
Anthracene
Concen: 49.974 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.094 min
Lab File: BP013079.D
Acq: 12 Dec 2022 09:14

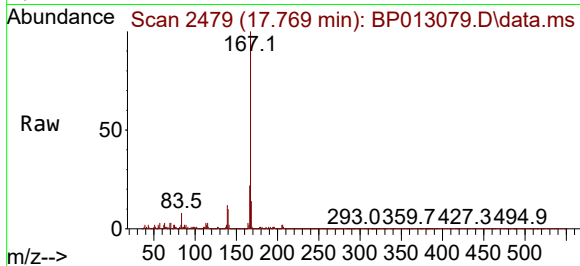
Tgt Ion:178 Resp: 8312752
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 19.6 14.8 22.2



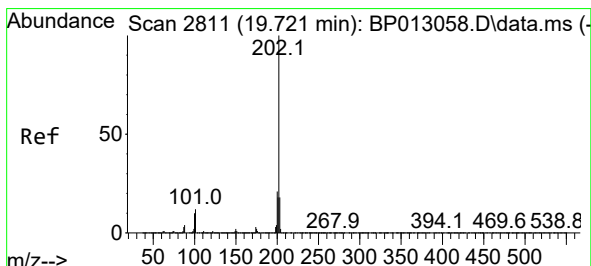
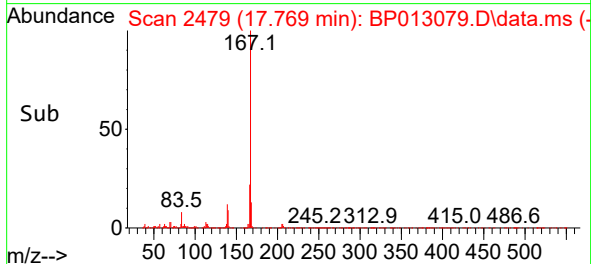
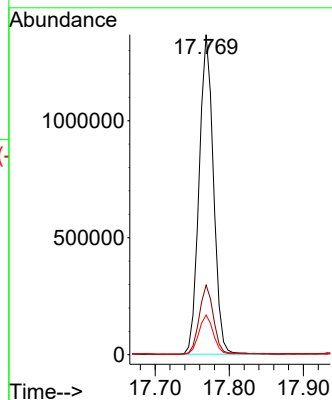


#77
 Carbazole
 Concen: 13.098 ng/ul
 RT: 17.769 min Scan# 2479
 Delta R.T. -0.000 min
 Lab File: BP013079.D
 Acq: 12 Dec 2022 09:14

Instrument :
 BNA_P
 ClientSampleId :

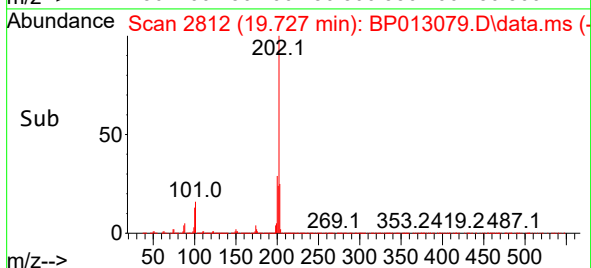
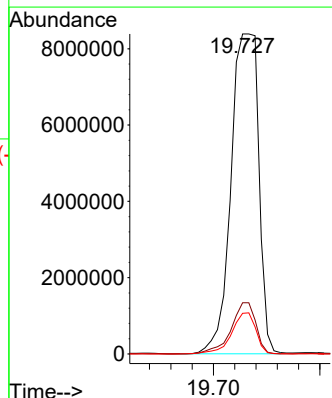
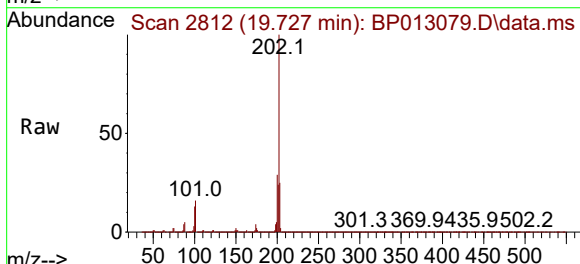


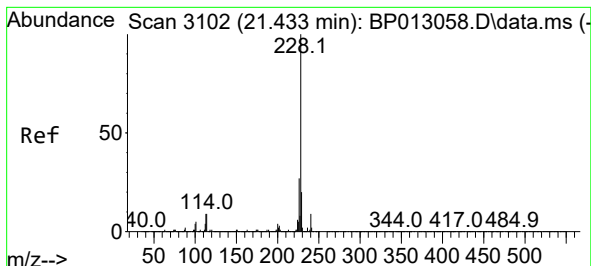
Tgt Ion:167 Resp: 1834844
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.4 9.4 14.2



#82
 Pyrene
 Concen: 88.308 ng/ul
 RT: 19.727 min Scan# 2812
 Delta R.T. -0.000 min
 Lab File: BP013079.D
 Acq: 12 Dec 2022 09:14

Tgt Ion:202 Resp:15212971
 Ion Ratio Lower Upper
 202 100
 101 16.0 9.4 14.2#
 100 12.7 7.8 11.8#





#85

Benzo(a)anthracene

Concen: 31.100 ng/ul

RT: 21.439 min Scan# 3102

Delta R.T. 0.006 min

Lab File: BP013079.D

Acq: 12 Dec 2022 09:14

Instrument :

BNA_P

ClientSampleId :

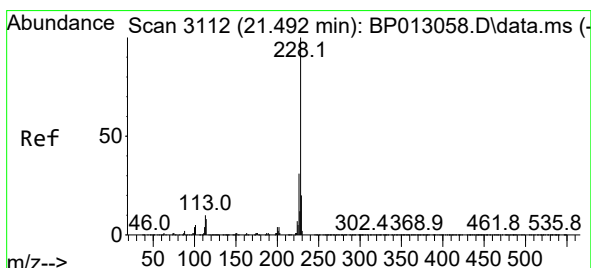
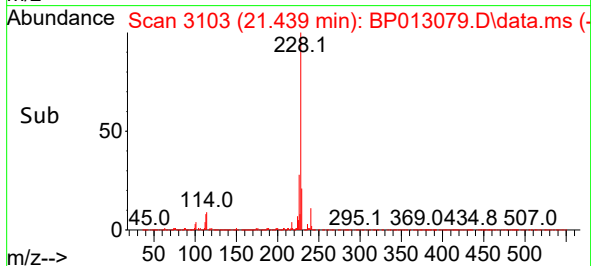
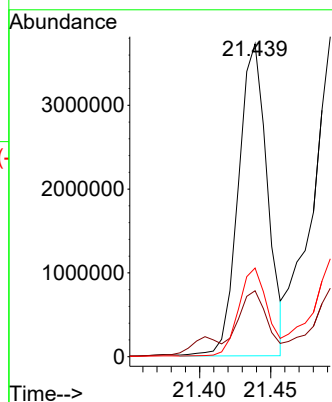
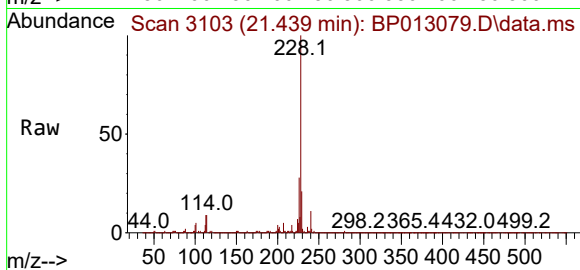
Tgt Ion:228 Resp: 5292445

Ion Ratio Lower Upper

228 100

229 21.1 16.1 24.1

226 28.3 22.0 33.0



#87

Chrysene

Concen: 37.935 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP013079.D

Acq: 12 Dec 2022 09:14

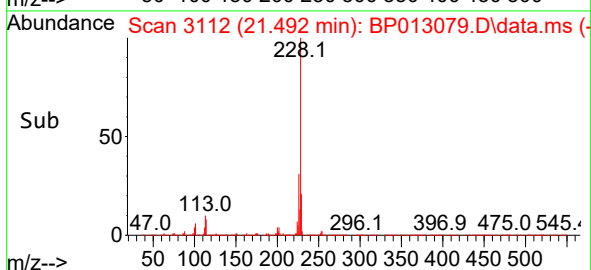
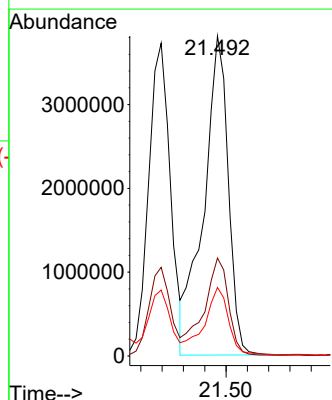
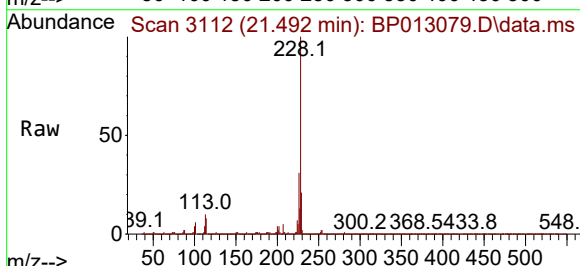
Tgt Ion:228 Resp: 6104870

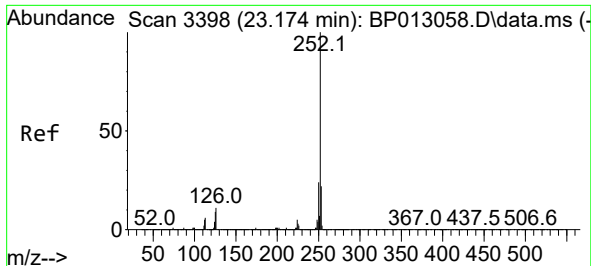
Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 21.4 16.0 24.0

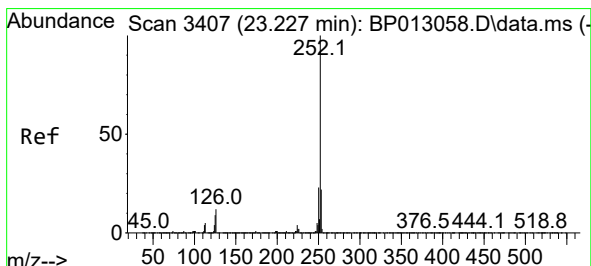
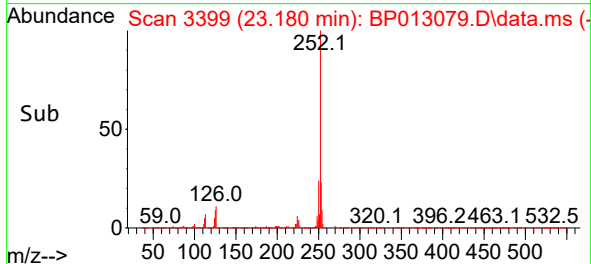
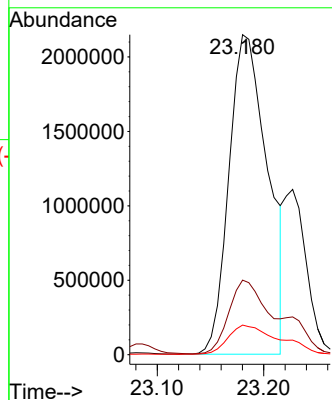
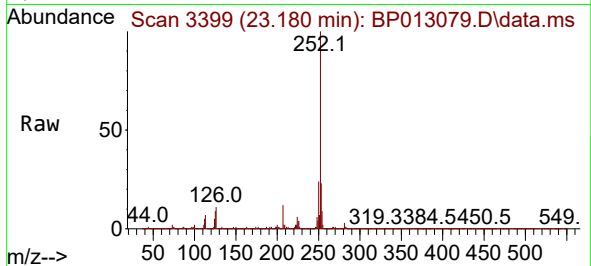




#90
Benzo(b)fluoranthene
Concen: 35.646 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. 0.006 min
Lab File: BP013079.D
Acq: 12 Dec 2022 09:14

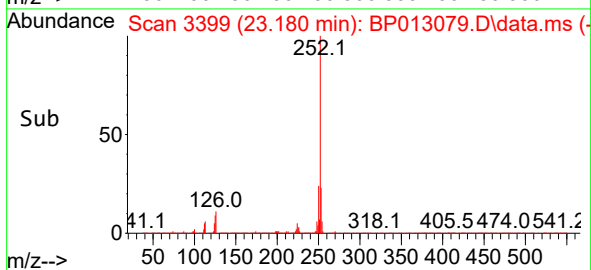
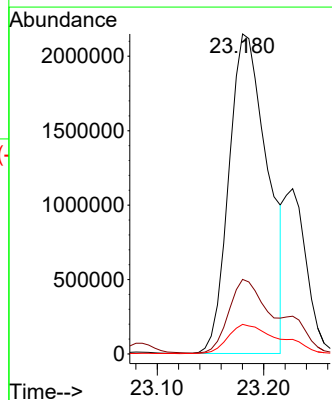
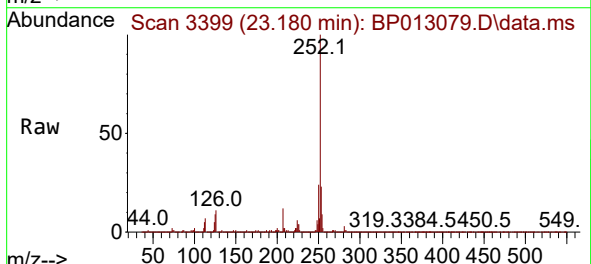
Instrument :
BNA_P
ClientSampleId :

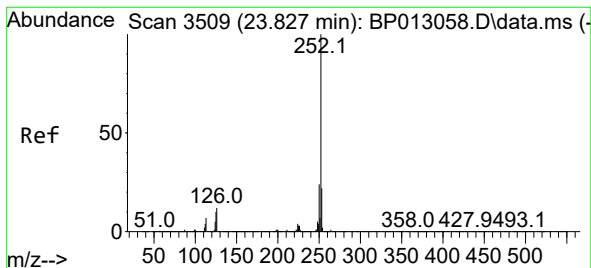
Tgt Ion:252 Resp: 5414821
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.3 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 35.947 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. -0.047 min
Lab File: BP013079.D
Acq: 12 Dec 2022 09:14

Tgt Ion:252 Resp: 5414821
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.3 6.8 10.2





#93

Benzo(a)pyrene

Concen: 15.764 ng/ul

RT: 23.833 min Scan# 3510

Delta R.T. -0.000 min

Lab File: BP013079.D

Acq: 12 Dec 2022 09:14

Instrument :

BNA_P

ClientSampleId :

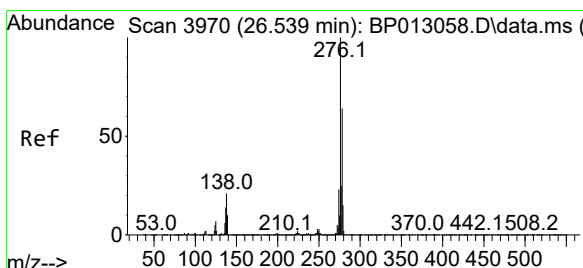
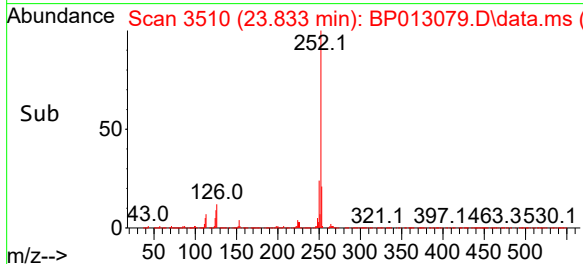
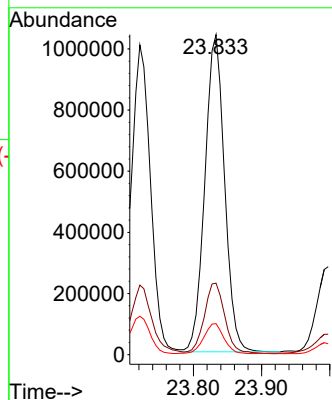
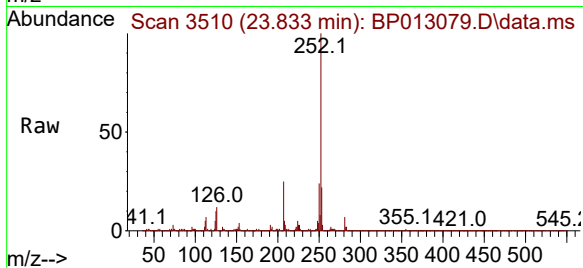
Tgt Ion:252 Resp: 2085083

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 9.7 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.294 ng/ul

RT: 26.539 min Scan# 3970

Delta R.T. -0.006 min

Lab File: BP013079.D

Acq: 12 Dec 2022 09:14

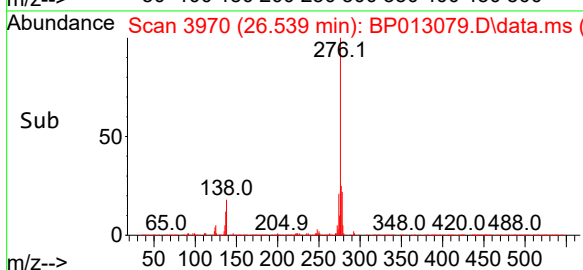
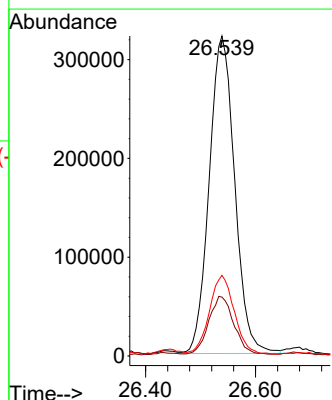
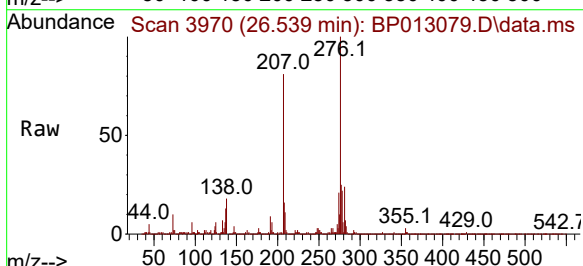
Tgt Ion:276 Resp: 1036995

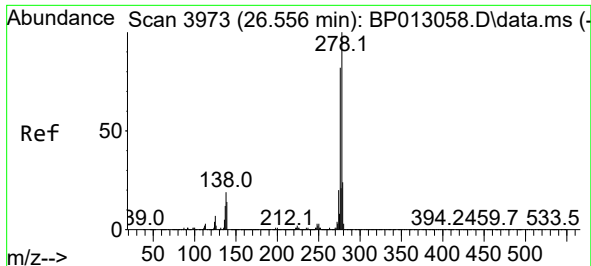
Ion Ratio Lower Upper

276 100

138 18.4 17.1 25.7

277 25.2 20.0 30.0

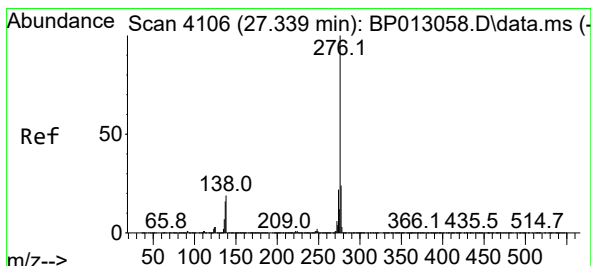
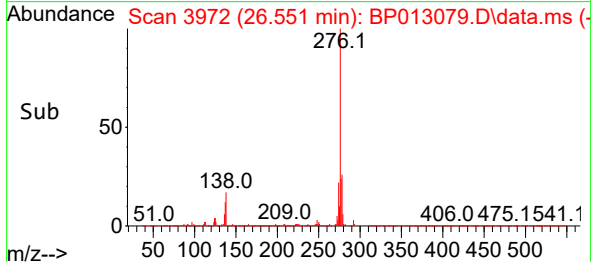
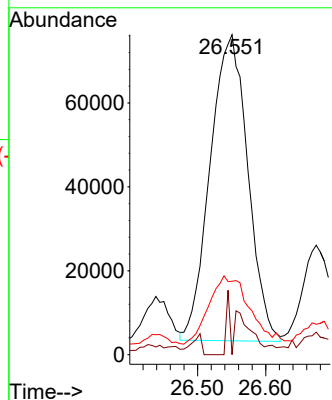
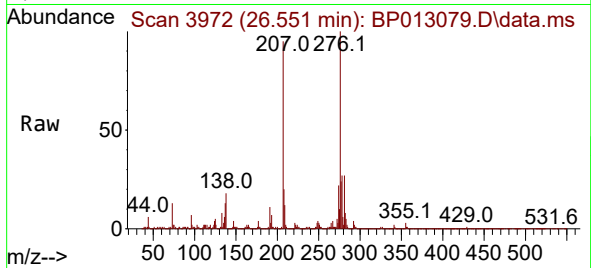




#95
Dibenzo(a,h)anthracene
Concen: 2.053 ng/ul
RT: 26.551 min Scan# 3972
Delta R.T. -0.006 min
Lab File: BP013079.D
Acq: 12 Dec 2022 09:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 280057
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7#
279 23.0 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 5.376 ng/ul
RT: 27.345 min Scan# 4107
Delta R.T. -0.000 min
Lab File: BP013079.D
Acq: 12 Dec 2022 09:14

Tgt Ion:276 Resp: 711141
Ion Ratio Lower Upper
276 100
138 17.7 15.4 23.2
277 25.0 19.1 28.7

