

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015882.D
 Acq On : 01 Jul 2023 13:09
 Operator : MA/JU
 Sample : 03242-18
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB9

Quant Time: Jul 02 00:45:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	290245	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	1218254	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.698	164	671077	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1135815	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.557	240	731517	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1011856	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15956	1.978	ng/uL	-0.01
4) Pyridine-d5	3.817	84	716	0.035	ng/ul	-0.01
7) Phenol-d5	7.240	99	298739	12.030	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	204245	13.294	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.587	132	246792	13.165	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	209564	10.682	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	116458	12.508	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	127071	11.694	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	216345	11.173	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	82905	3.333	ng/ul	0.02
46) Dimethylphthalate-d6	14.110	166	692606	13.353	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	769830	13.203	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.945	143	158	0.023	ng/ul	0.00
60) Fluorene-d10	15.698	176	537190	12.578	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.875	200	27142	3.886	ng/ul	0.02
73) Anthracene-d10	17.563	188	678618	13.080	ng/ul	-0.01
81) Pyrene-d10	19.792	212	620485	12.990	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.939	264	647648	12.688	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.205	77	39975	3.981	ng/ul	97
8) Phenol	7.269	94	82026	3.183	ng/ul	95
16) Acetophenone	8.899	105	422343	13.096	ng/ul	97
30) Naphthalene	10.928	128	1238710	18.704	ng/ul	100
36) 2-Methylnaphthalene	12.540	142	327693	7.516	ng/ul	97
37) 1-Methylnaphthalene	12.751	142	185574	4.173	ng/ul	97
43) 1,1'-Biphenyl	13.540	154	84224	1.585	ng/ul#	97
50) Acenaphthylene	14.428	152	336424	5.236	ng/ul	98
52) Acenaphthene	14.763	153	832952	18.696	ng/ul	99
56) Dibenzofuran	15.104	168	645333	10.435	ng/ul	96
61) Fluorene	15.751	166	736425	14.680	ng/ul	100
72) Phenanthrene	17.510	178	7756724	125.709	ng/ul	99
74) Anthracene	17.598	178	2236361	36.069	ng/ul	98
77) Carbazole	17.875	167	1328456	25.421	ng/ul	99
80) Fluoranthene	19.475	202	11420522	192.380	ng/ul	98
82) Pyrene	19.822	202	9769982	161.338	ng/ul#	93
85) Benzo(a)anthracene	21.539	228	6623963	128.724	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	49574	1.460	ng/ul	95
87) Chrysene	21.598	228	7074833	144.911	ng/ul	96
90) Benzo(b)fluoranthene	23.333	252	11227934	172.695	ng/ul	97
91) Benzo(k)fluoranthene	23.333	252	11227934	170.923	ng/ul	96
93) Benzo(a)pyrene	24.004	252	7916150	139.344	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.827	276	6798037	88.147	ng/ul	98
95) Dibenzo(a,h)anthracene	26.821	278	1943450	30.680	ng/ul#	80

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

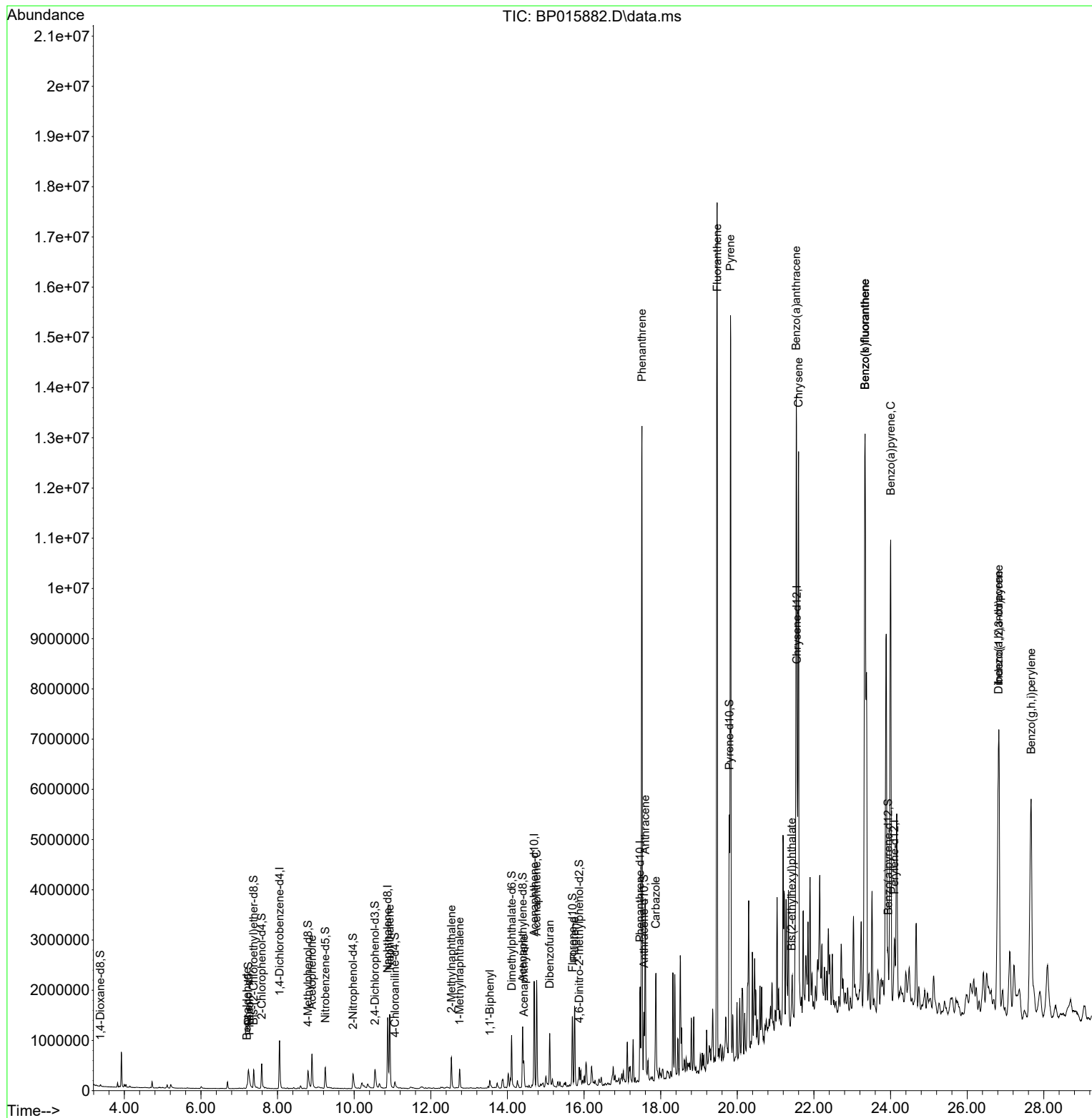
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	27.668	276	5994179	94.477	ng/ul#	95

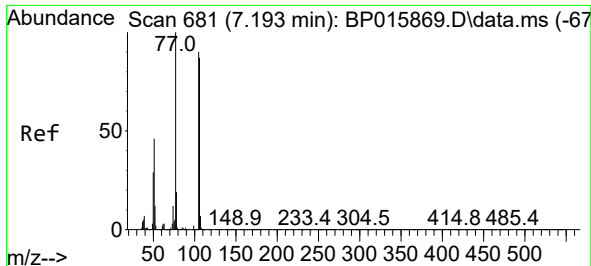
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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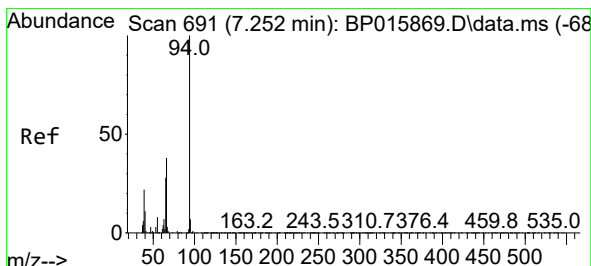
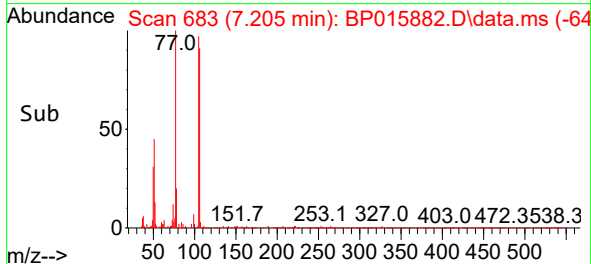
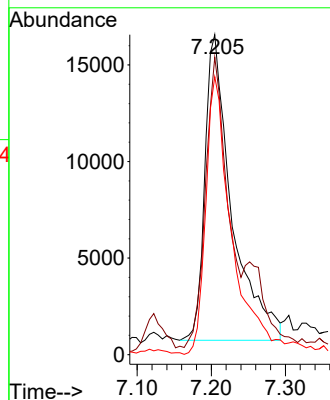
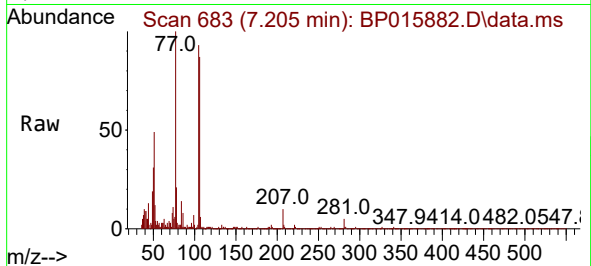




#6
Benzaldehyde
Concen: 3.981 ng/ul
RT: 7.205 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

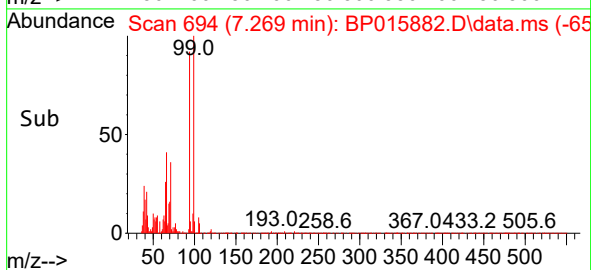
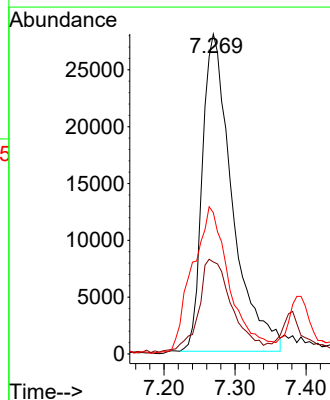
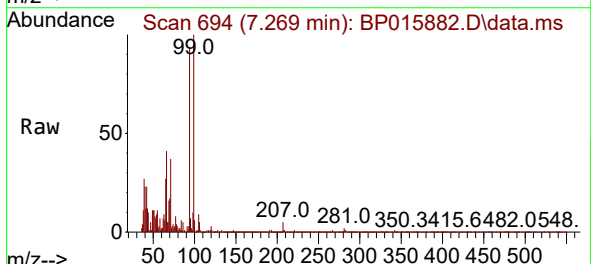
Instrument :
BNA_P
ClientSampleId :
DCGB9

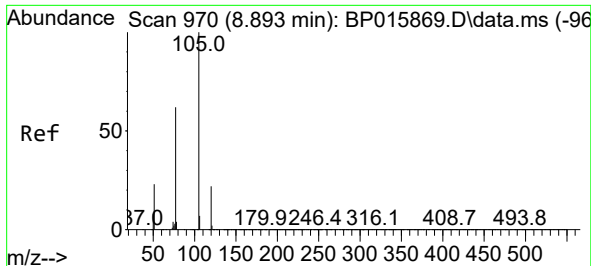
Tgt Ion: 77 Resp: 39975
Ion Ratio Lower Upper
77 100
105 92.9 73.4 110.0
106 86.9 66.6 100.0



#8
Phenol
Concen: 3.183 ng/ul
RT: 7.269 min Scan# 694
Delta R.T. 0.012 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

Tgt Ion: 94 Resp: 82026
Ion Ratio Lower Upper
94 100
65 28.7 26.4 39.6
66 44.2 37.3 55.9

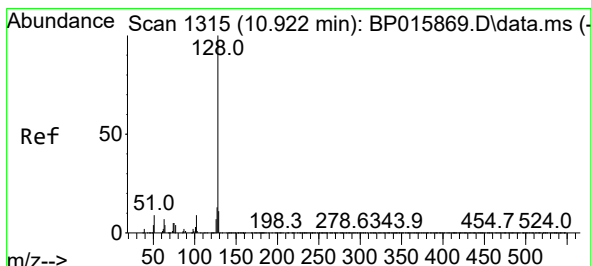
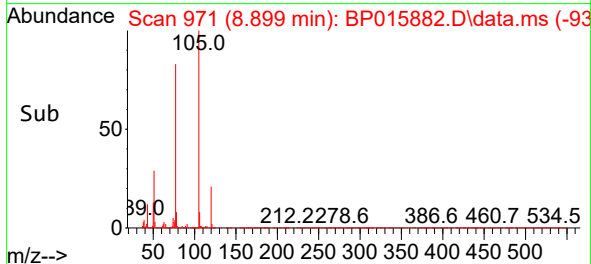
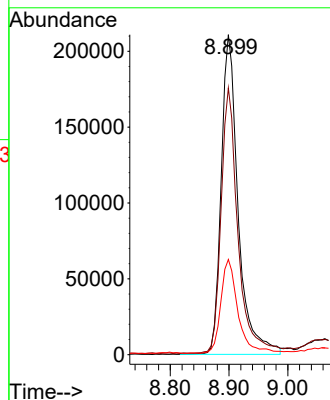
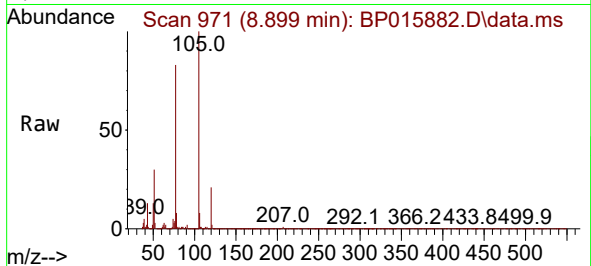




#16
Acetophenone
Concen: 13.096 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

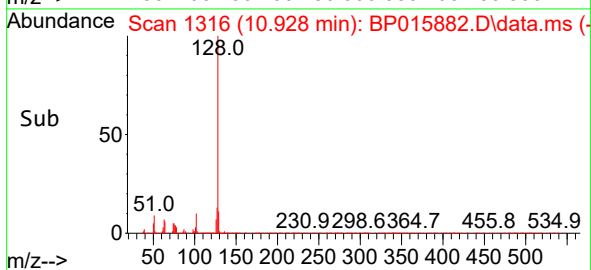
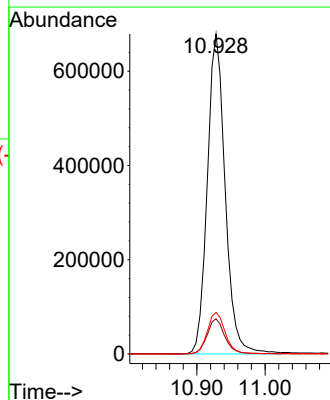
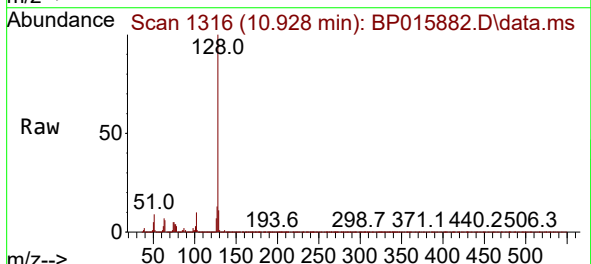
Instrument :
BNA_P
ClientSampleId :
DCGB9

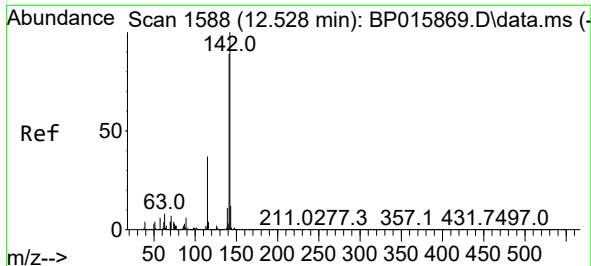
Tgt Ion:105 Resp: 422343
Ion Ratio Lower Upper
105 100
77 83.3 65.0 97.4
51 29.8 25.1 37.7



#30
Naphthalene
Concen: 18.704 ng/ul
RT: 10.928 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

Tgt Ion:128 Resp: 1238710
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.3 15.5

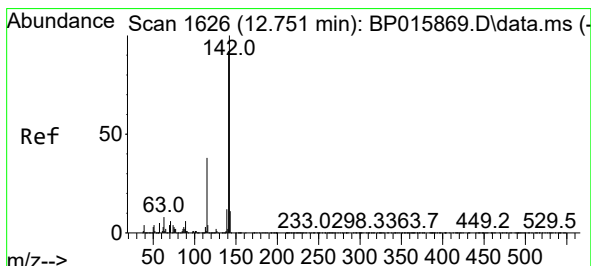
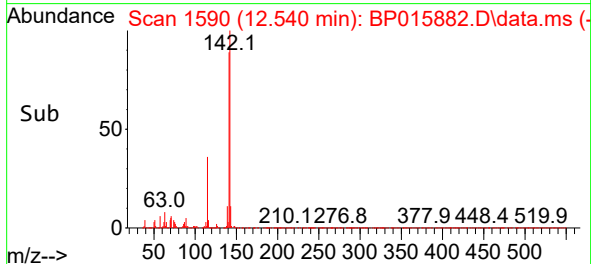
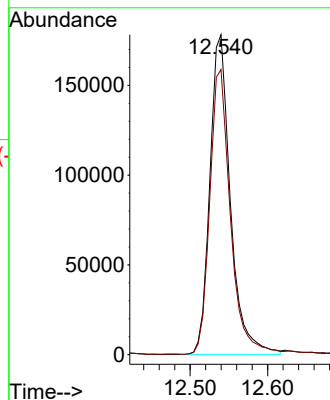
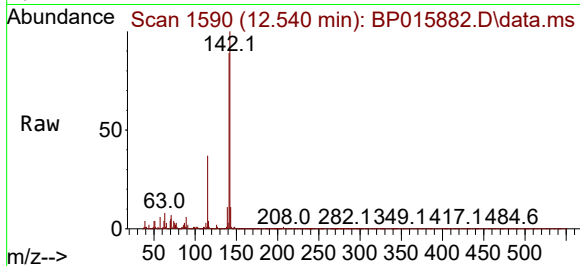




#36
2-Methylnaphthalene
Concen: 7.516 ng/ul
RT: 12.540 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

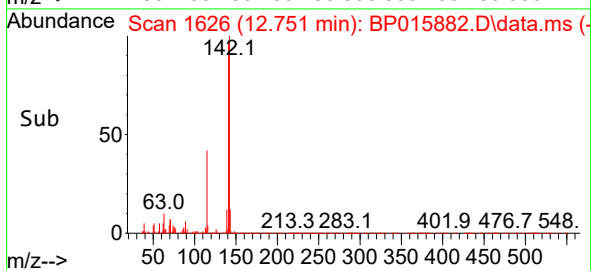
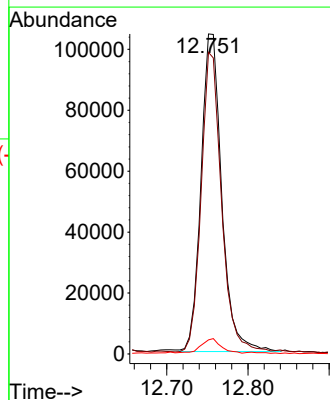
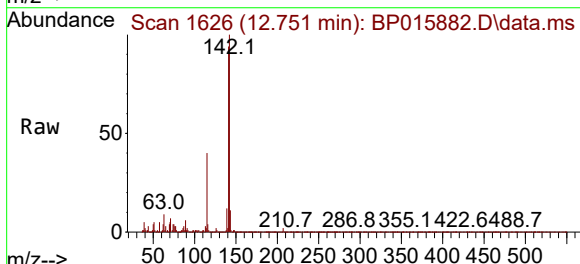
Instrument :
BNA_P
ClientSampleId :
DCGB9

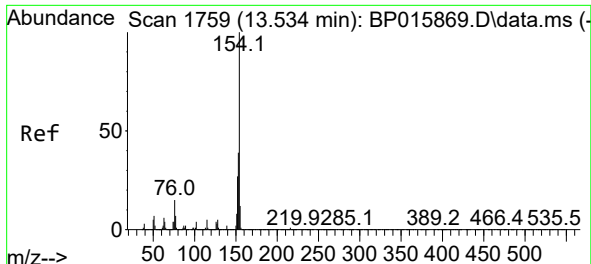
Tgt Ion:142 Resp: 327693
Ion Ratio Lower Upper
142 100
141 89.1 73.2 109.8



#37
1-Methylnaphthalene
Concen: 4.173 ng/ul
RT: 12.751 min Scan# 1626
Delta R.T. -0.012 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

Tgt Ion:142 Resp: 185574
Ion Ratio Lower Upper
142 100
141 94.3 73.1 109.7
116 4.4 4.0 6.0

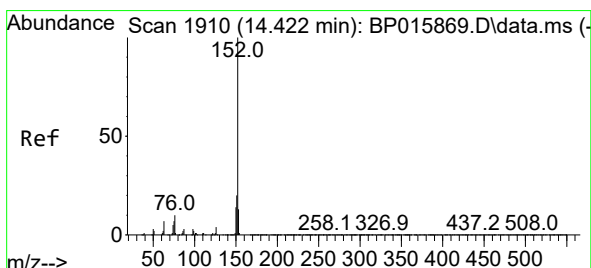
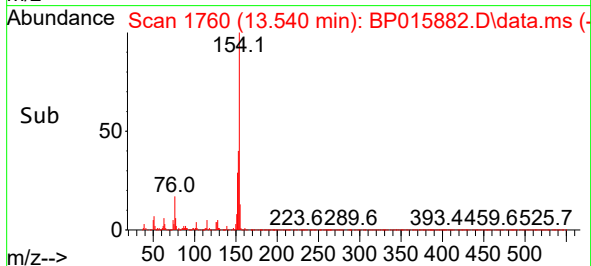
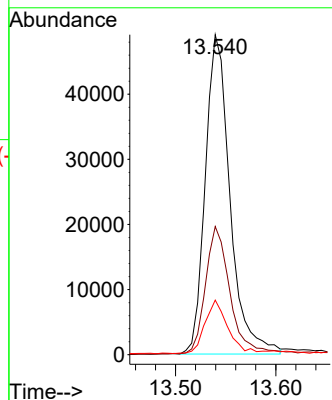
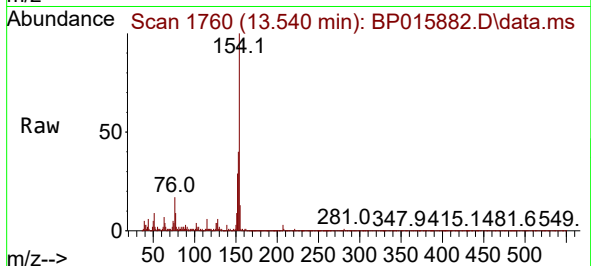




#43
1,1'-Biphenyl
Concen: 1.585 ng/ul
RT: 13.540 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

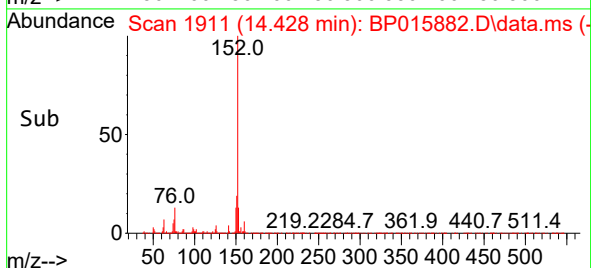
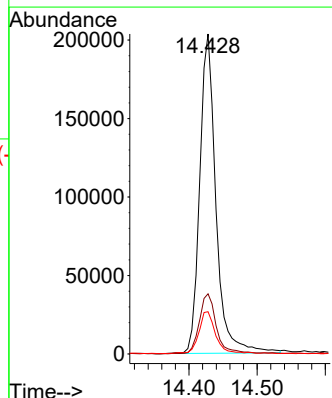
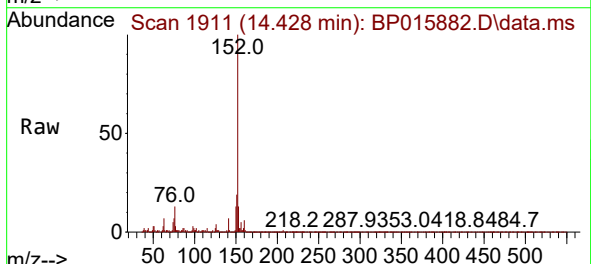
Instrument :
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ClientSampleId :
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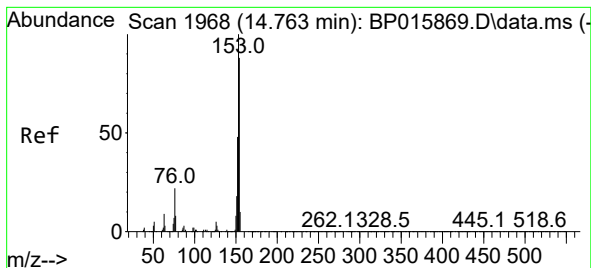
Tgt Ion:154 Resp: 84224
Ion Ratio Lower Upper
154 100
153 40.1 32.8 49.2
76 17.0 10.7 16.1#



#50
Acenaphthylene
Concen: 5.236 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BP015882.D
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Tgt Ion:152 Resp: 336424
Ion Ratio Lower Upper
152 100
151 18.8 16.2 24.2
153 13.2 10.5 15.7





#52

Acenaphthene

Concen: 18.696 ng/ul

RT: 14.763 min Scan# 1968

Delta R.T. -0.012 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

Instrument :

BNA_P

ClientSampleId :

DCGB9

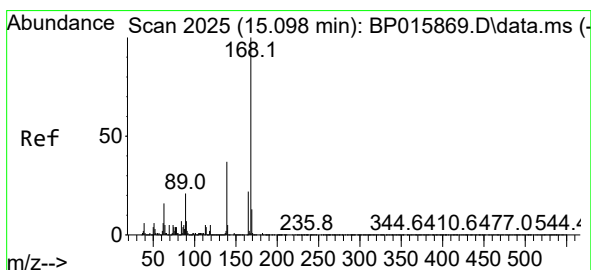
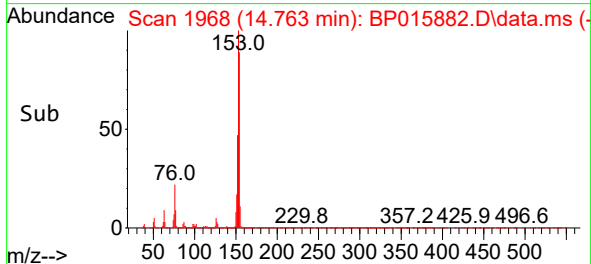
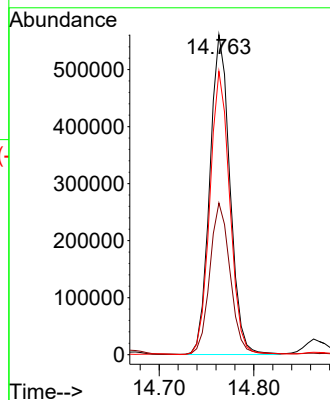
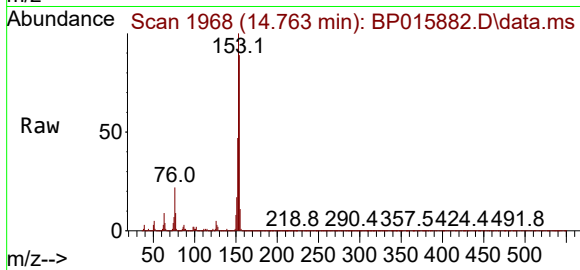
Tgt Ion:153 Resp: 832952

Ion Ratio Lower Upper

153 100

152 47.4 39.4 59.2

154 88.6 71.4 107.2



#56

Dibenzofuran

Concen: 10.435 ng/ul

RT: 15.104 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BP015882.D

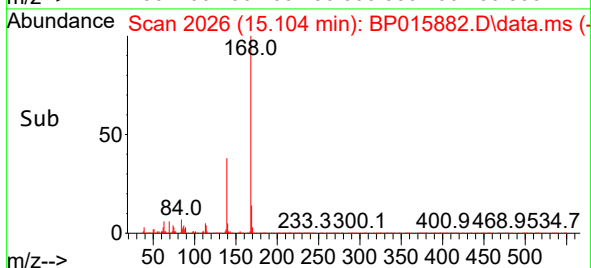
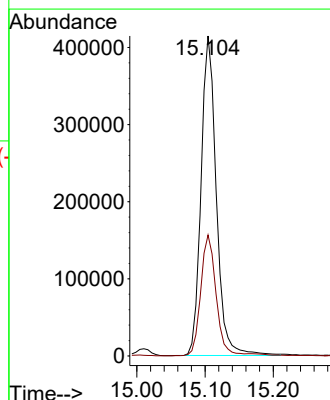
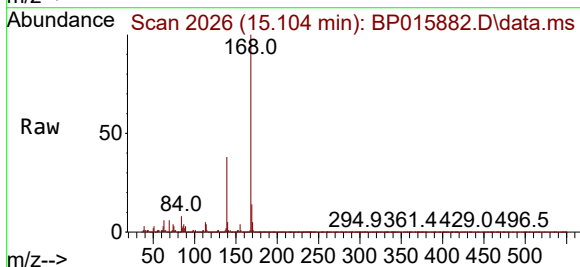
Acq: 01 Jul 2023 13:09

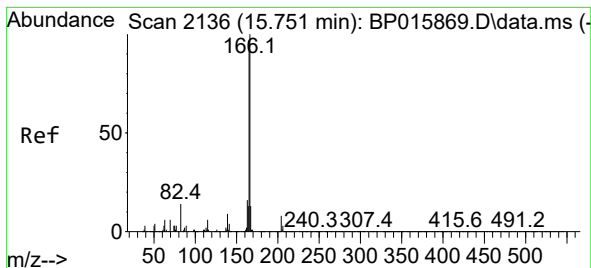
Tgt Ion:168 Resp: 645333

Ion Ratio Lower Upper

168 100

139 37.8 32.2 48.4





#61

Fluorene

Concen: 14.680 ng/ul

RT: 15.751 min Scan# 2136

Delta R.T. -0.012 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

Instrument :

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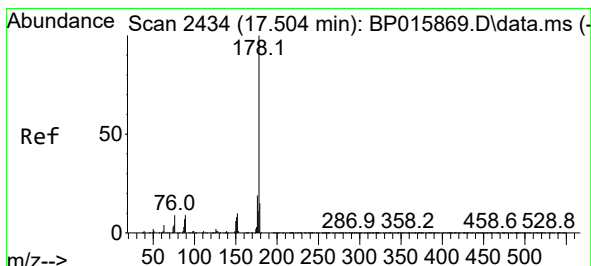
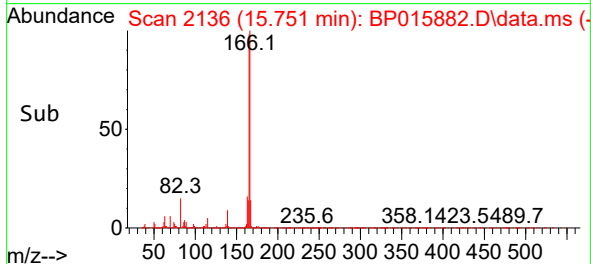
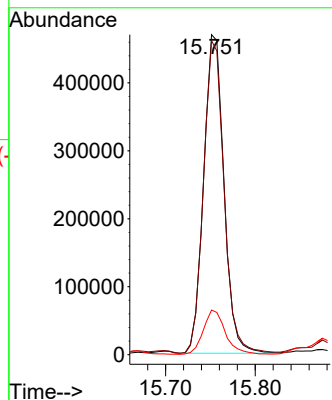
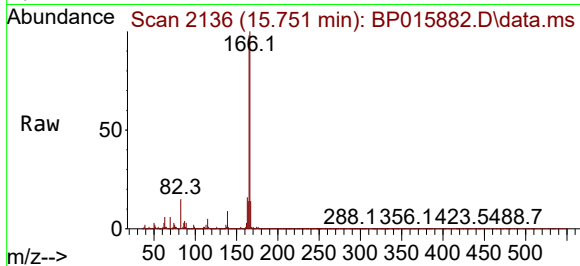
Tgt Ion:166 Resp: 736425

Ion Ratio Lower Upper

166 100

165 98.2 78.7 118.1

167 13.9 10.5 15.7



#72

Phenanthrene

Concen: 125.709 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP015882.D

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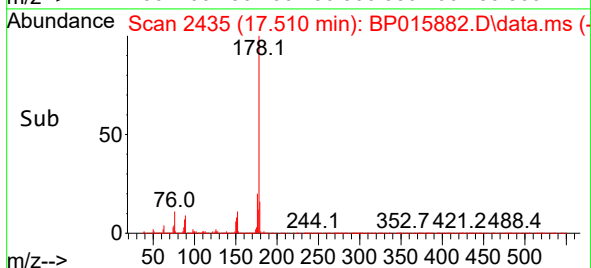
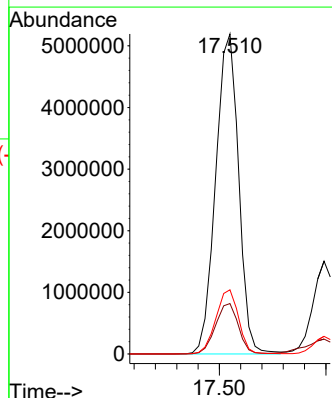
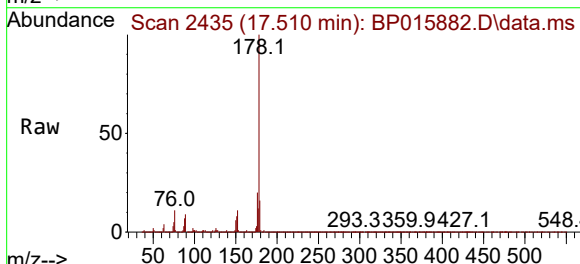
Tgt Ion:178 Resp: 7756724

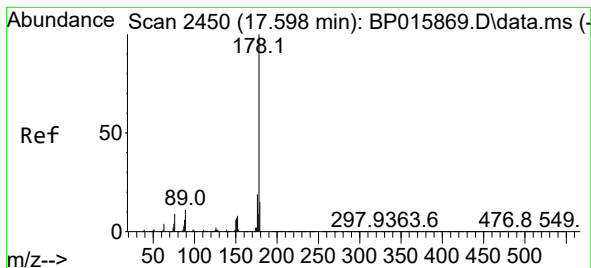
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 20.1 15.6 23.4





#74

Anthracene

Concen: 36.069 ng/ul

RT: 17.598 min Scan# 2450

Delta R.T. -0.012 min

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DCGB9

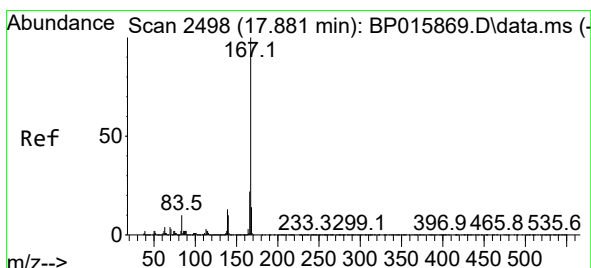
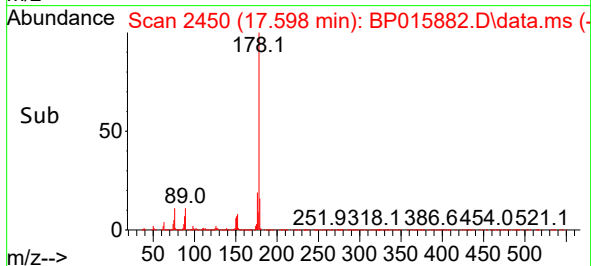
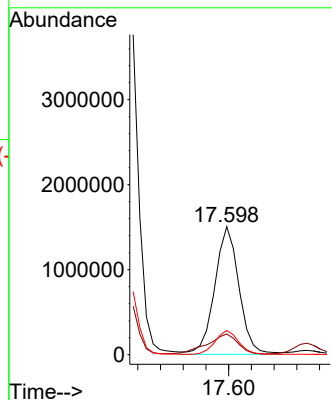
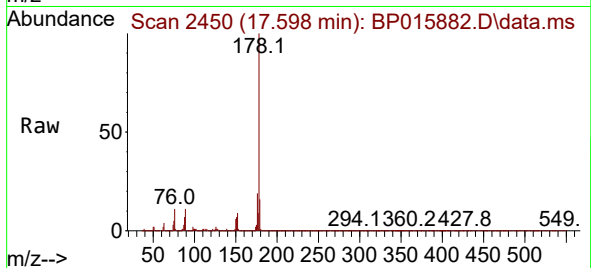
Tgt Ion:178 Resp: 2236361

Ion Ratio Lower Upper

178 100

179 16.1 12.1 18.1

176 18.9 14.6 22.0



#77

Carbazole

Concen: 25.421 ng/ul

RT: 17.875 min Scan# 2497

Delta R.T. -0.012 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

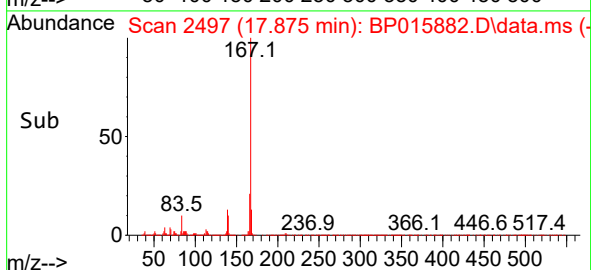
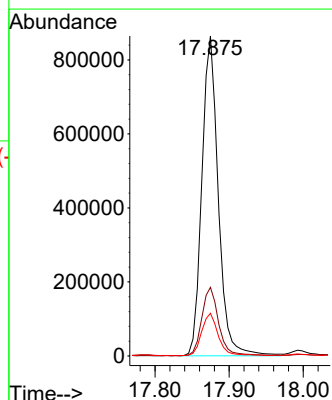
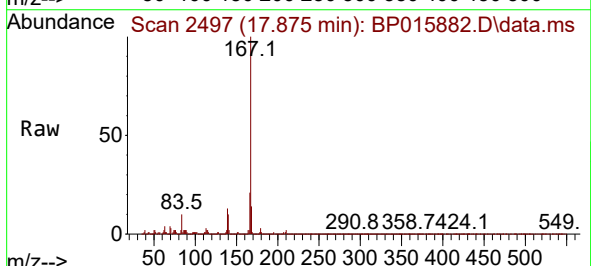
Tgt Ion:167 Resp: 1328456

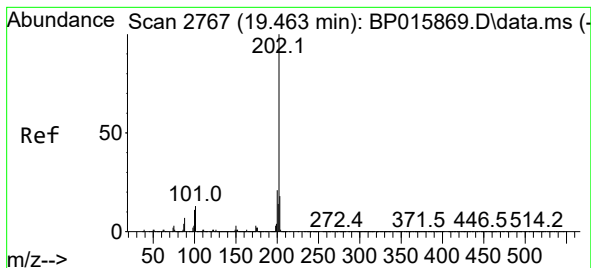
Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 13.3 11.0 16.4





#80

Fluoranthene

Concen: 192.380 ng/ul

RT: 19.475 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

Instrument :

BNA_P

ClientSampleId :

DCGB9

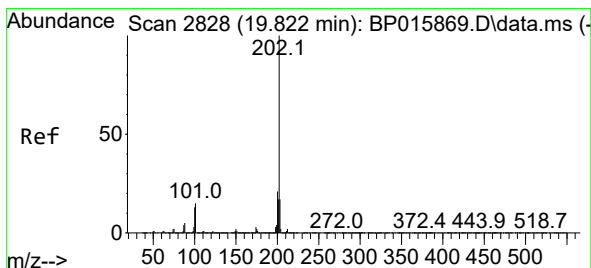
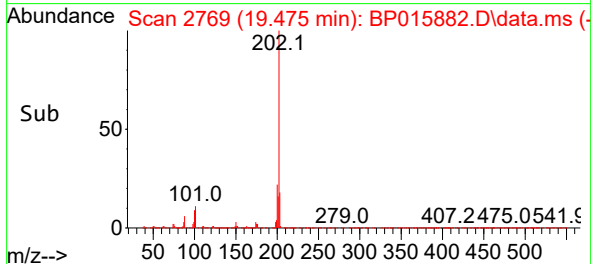
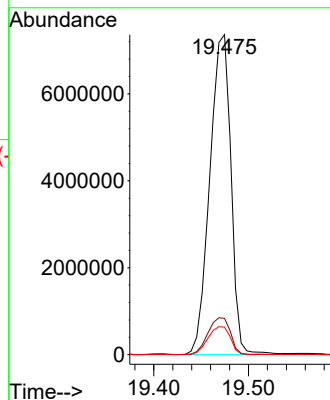
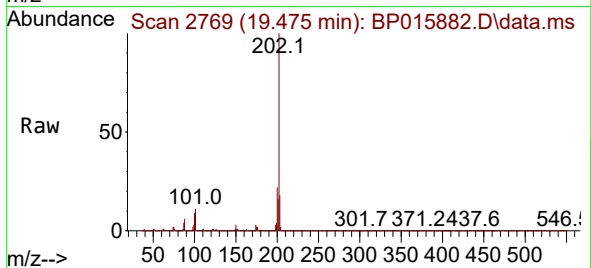
Tgt Ion:202 Resp:11420522

Ion Ratio Lower Upper

202 100

101 11.3 8.3 12.5

100 8.6 6.6 9.8



#82

Pyrene

Concen: 161.338 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.012 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

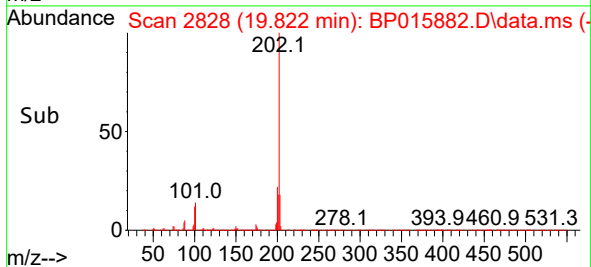
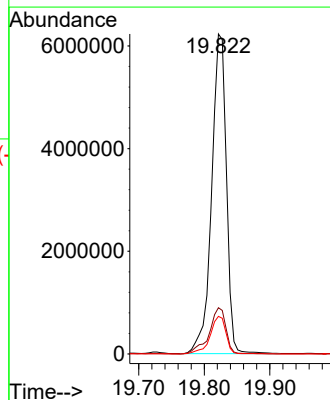
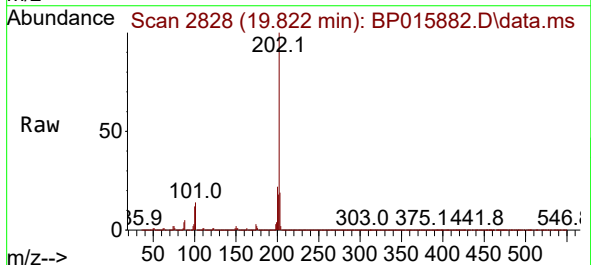
Tgt Ion:202 Resp: 9769982

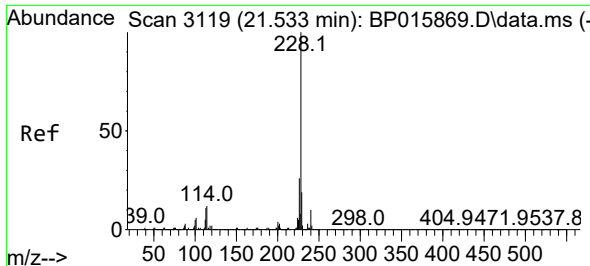
Ion Ratio Lower Upper

202 100

101 14.5 9.3 13.9#

100 11.7 7.6 11.4#

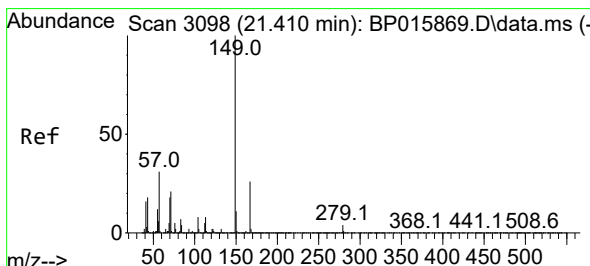
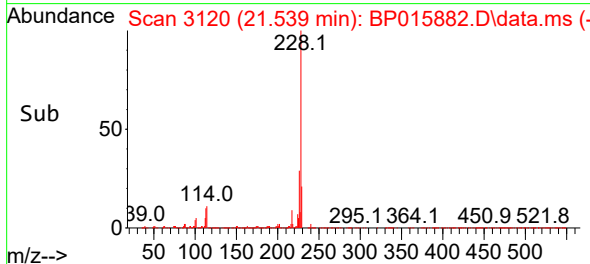
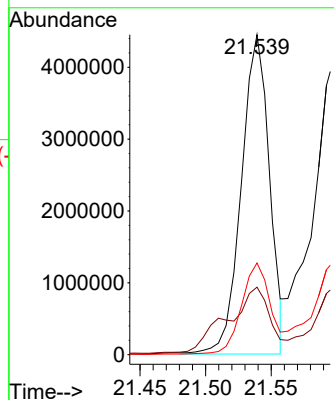
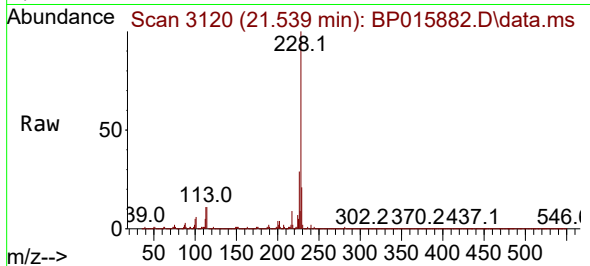




#85
Benzo(a)anthracene
Concen: 128.724 ng/ul
RT: 21.539 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

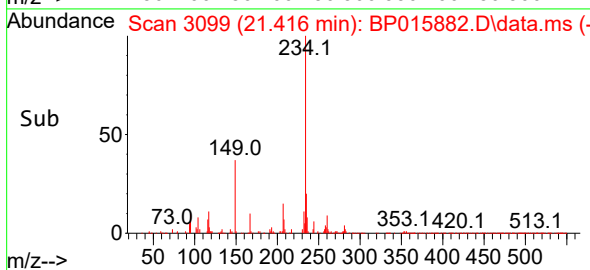
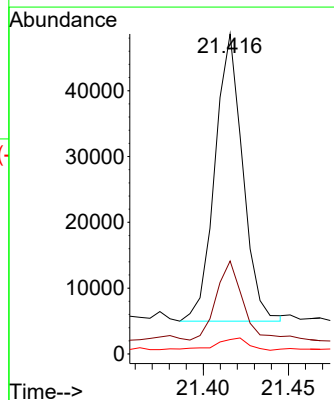
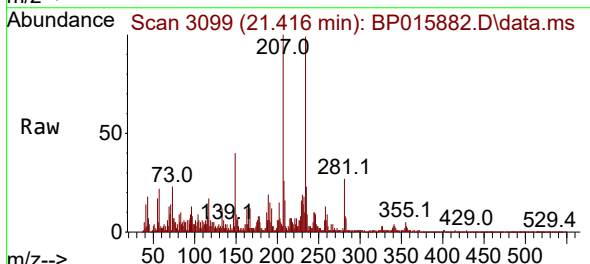
Instrument :
BNA_P
ClientSampleId :
DCGB9

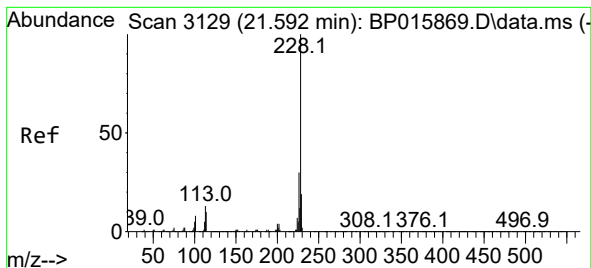
Tgt Ion:228 Resp: 6623963
Ion Ratio Lower Upper
228 100
229 21.1 15.3 22.9
226 28.7 21.4 32.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.460 ng/ul
RT: 21.416 min Scan# 3099
Delta R.T. -0.018 min
Lab File: BP015882.D
Acq: 01 Jul 2023 13:09

Tgt Ion:149 Resp: 49574
Ion Ratio Lower Upper
149 100
167 29.1 21.0 31.6
279 4.5 3.8 5.6





#87

Chrysene

Concen: 144.911 ng/ul

RT: 21.598 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

Instrument :

BNA_P

ClientSampleId :

DCGB9

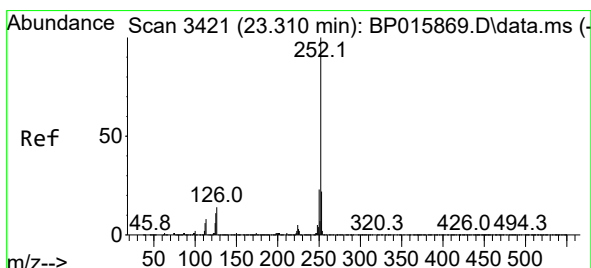
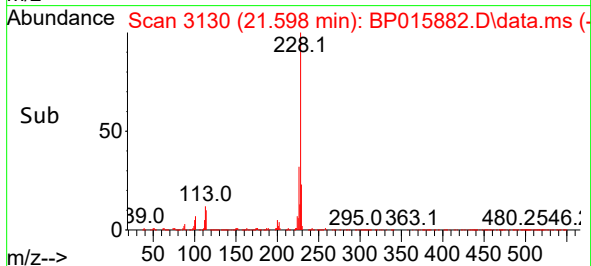
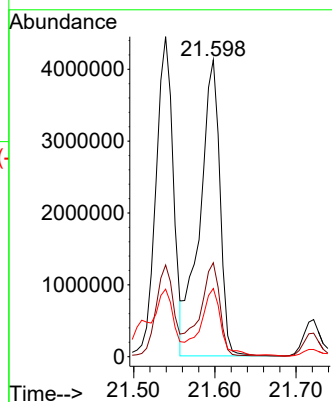
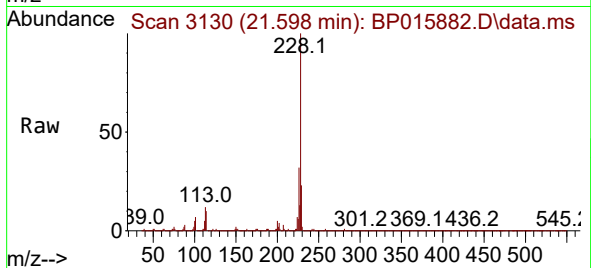
Tgt Ion:228 Resp: 7074833

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 22.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 172.695 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. 0.006 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

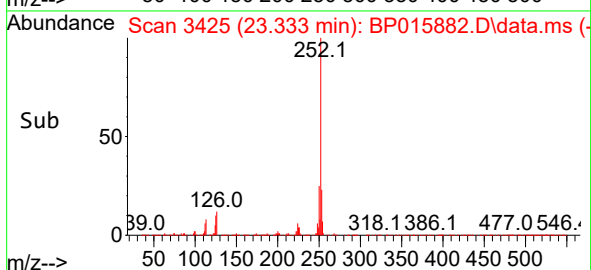
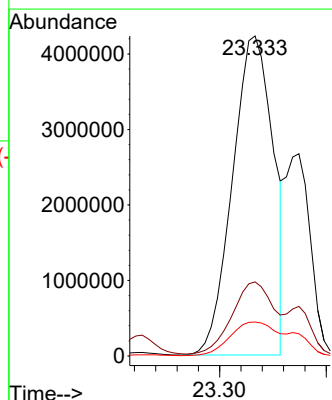
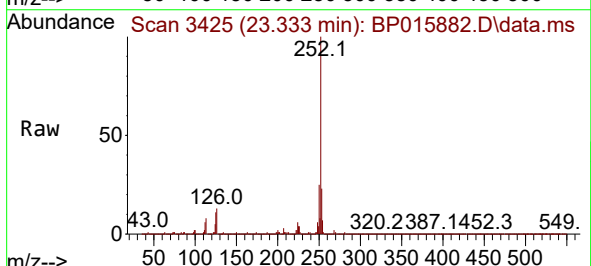
Tgt Ion:252 Resp:11227934

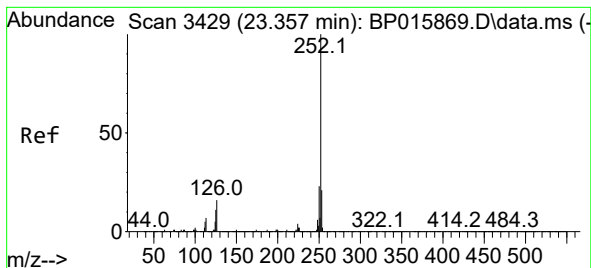
Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 10.6 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 170.923 ng/ul

RT: 23.333 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

Instrument :

BNA_P

ClientSampleId :

DCGB9

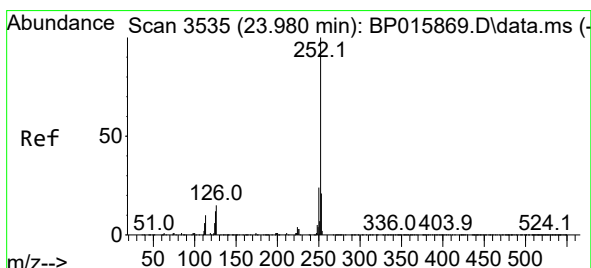
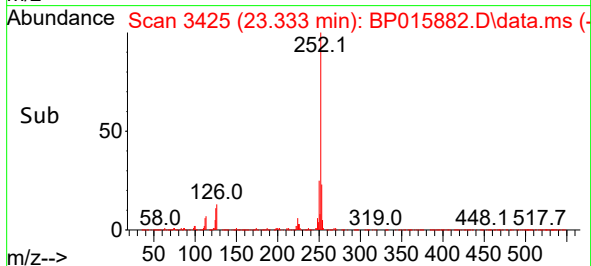
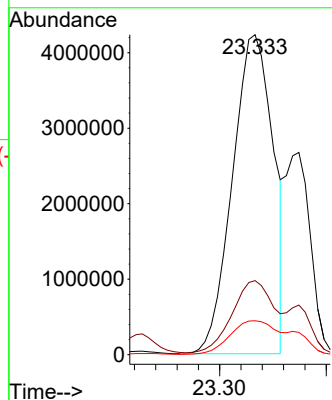
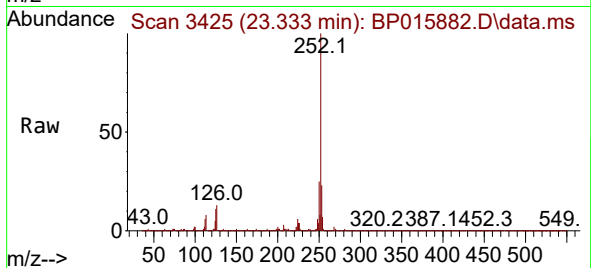
Tgt Ion:252 Resp:11227934

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 10.6 7.3 10.9



#93

Benzo(a)pyrene

Concen: 139.344 ng/ul

RT: 24.004 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

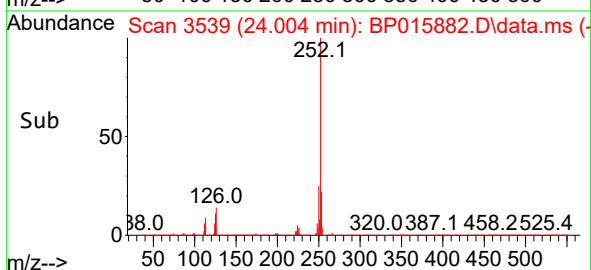
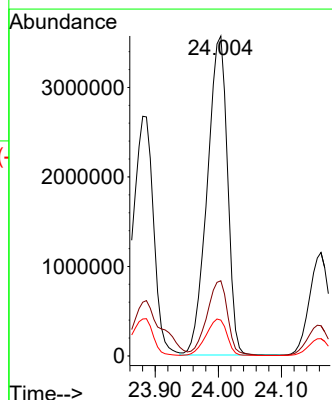
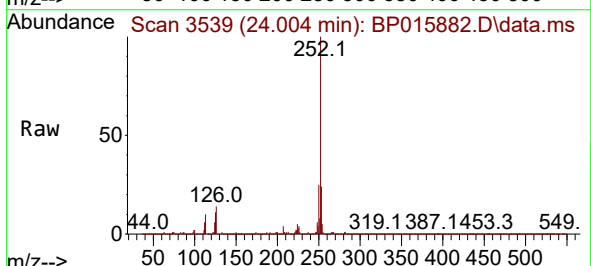
Tgt Ion:252 Resp: 7916150

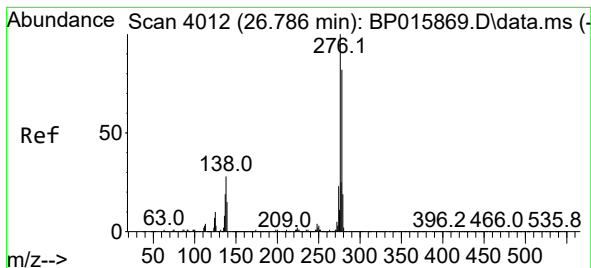
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 11.2 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 88.147 ng/ul

RT: 26.827 min Scan# 4019

Delta R.T. 0.012 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

Instrument :

BNA_P

ClientSampleId :

DCGB9

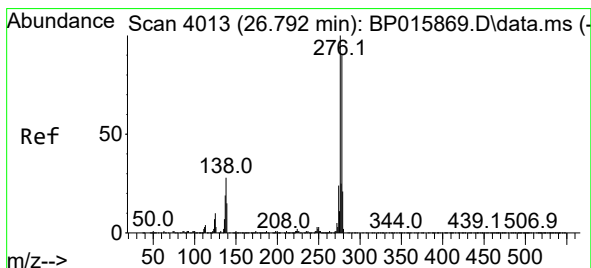
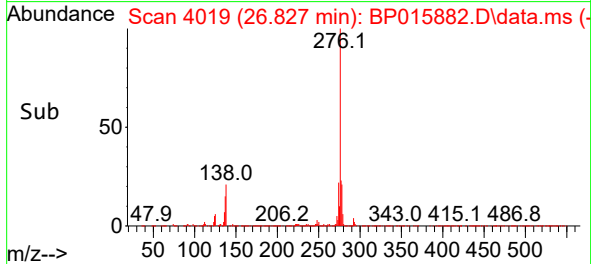
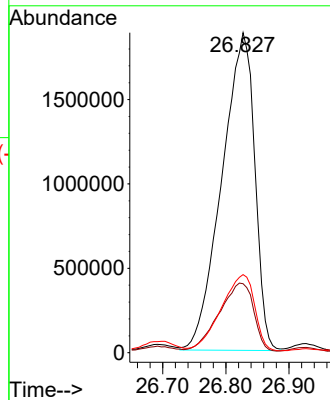
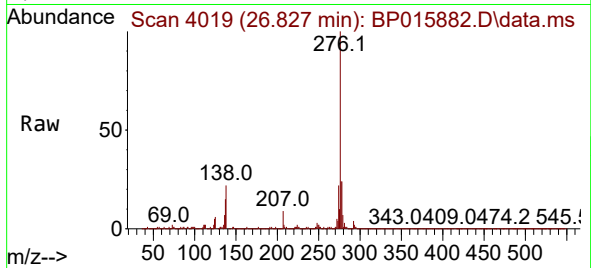
Tgt Ion:276 Resp: 6798037

Ion Ratio Lower Upper

276 100

138 21.6 15.7 23.5

277 24.4 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 30.680 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. -0.006 min

Lab File: BP015882.D

Acq: 01 Jul 2023 13:09

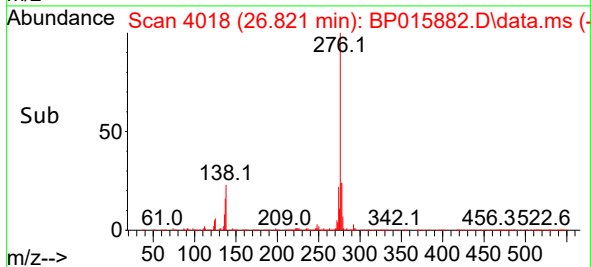
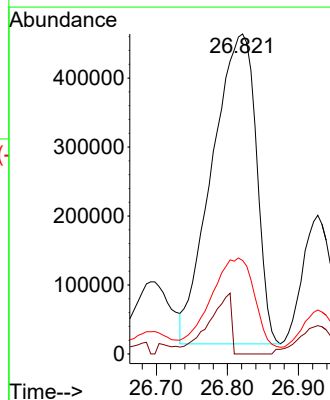
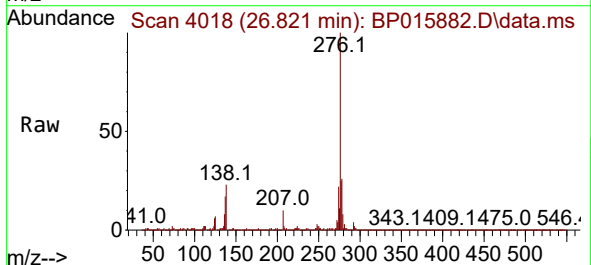
Tgt Ion:278 Resp: 1943450

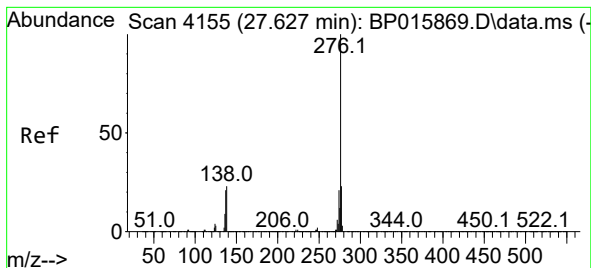
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 29.2 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 94.477 ng/ul

RT: 27.668 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP015882.D

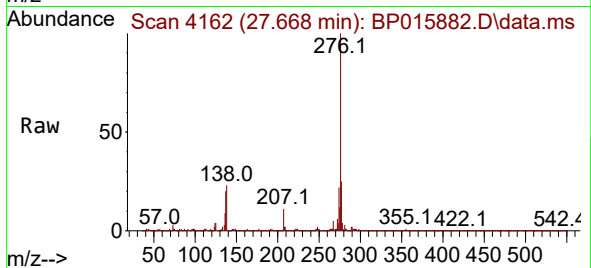
Acq: 01 Jul 2023 13:09

Instrument :

BNA_P

ClientSampleId :

DCGB9



Tgt Ion:276 Resp: 5994179

Ion Ratio Lower Upper

276 100

138 22.8 15.1 22.7#

277 24.8 18.8 28.2

