

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019006.D
 Acq On : 21 Dec 2023 19:05
 Operator : MA/JU
 Sample : 05626-08ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4ME

Quant Time: Dec 22 08:47:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	119493	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	449163	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	296899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	708671	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	753781	20.000	ng/ul	# 0.00
88) Perylene-d12	23.663	264	916714	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7982	2.276	ng/uL	0.00
4) Pyridine-d5	3.687	84	8254	0.879	ng/ul	0.02
7) Phenol-d5	6.993	99	135483	11.298	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	87488	12.310	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	112548	12.028	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	60073	6.190	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	55357	13.847	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	67244	16.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	111759	13.187	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	81808	7.386	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	409966	15.471	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	437446	14.992	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	54011	12.417	ng/ul	0.00
60) Fluorene-d10	15.451	176	369883	16.629	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	57380	13.504	ng/ul	0.00
73) Anthracene-d10	17.310	188	582518	15.636	ng/ul	0.00
81) Pyrene-d10	19.545	212	736759	12.556	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	758719	14.195	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.028	94	26417	2.246	ng/ul	96
16) Acetophenone	8.646	105	188902	13.061	ng/ul	98
30) Naphthalene	10.663	128	28284	1.038	ng/ul	97
36) 2-Methylnaphthalene	12.275	142	77010	3.989	ng/ul	93
37) 1-Methylnaphthalene	12.493	142	298895	15.332	ng/ul#	99
43) 1,1'-Biphenyl	13.293	154	28931	1.127	ng/ul	100
50) Acenaphthylene	14.175	152	94911	2.893	ng/ul#	93
52) Acenaphthene	14.522	153	2960496	136.486	ng/ul	99
56) Dibenzofuran	14.857	168	2756220	91.426	ng/ul	100
61) Fluorene	15.510	166	3743213	156.919	ng/ul	100
63) 4-Nitroaniline	15.510	138	43245	9.228	ng/ul#	20
72) Phenanthrene	17.263	178	14505979	338.921	ng/ul	97
74) Anthracene	17.345	178	5333556	124.320	ng/ul	99
77) Carbazole	17.616	167	1196189	34.984	ng/ul	99
80) Fluoranthene	19.233	202	13309766	191.901	ng/ul#	90
82) Pyrene	19.586	202	9466411	135.295	ng/ul#	88
85) Benzo(a)anthracene	21.286	228	2593063	42.382	ng/ul	99
87) Chrysene	21.339	228	2461005	43.679	ng/ul	97
90) Benzo(b)fluoranthene	22.945	252	1537312	22.745	ng/ul	97
91) Benzo(k)fluoranthene	22.945	252	1537312	23.507	ng/ul	98
93) Benzo(a)pyrene	23.451	252	416931	6.751	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.104	276	272442	3.692	ng/ul#	93

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

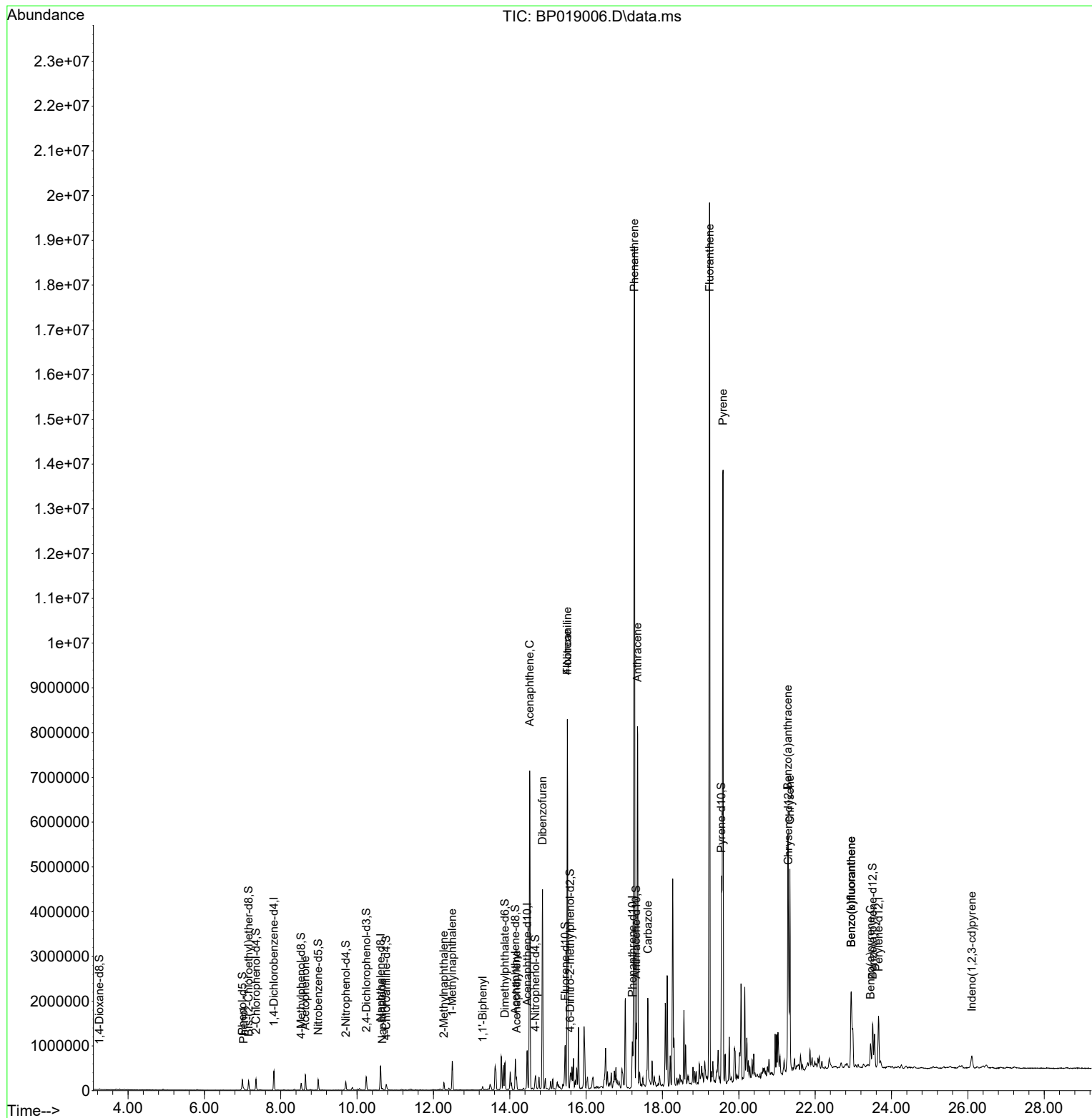
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

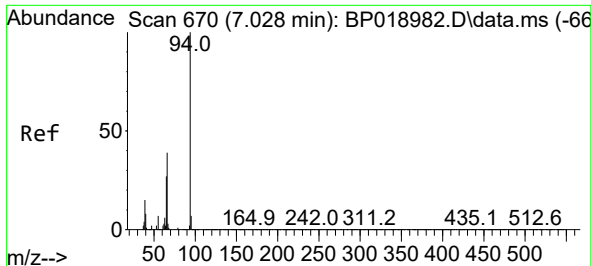
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SVOA CALIBRATION
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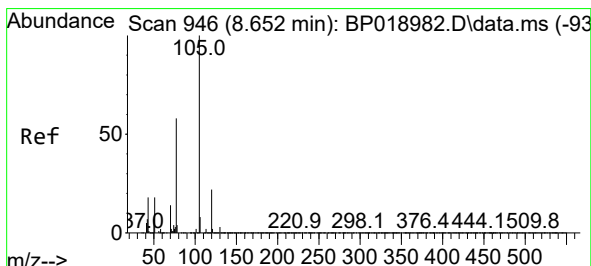
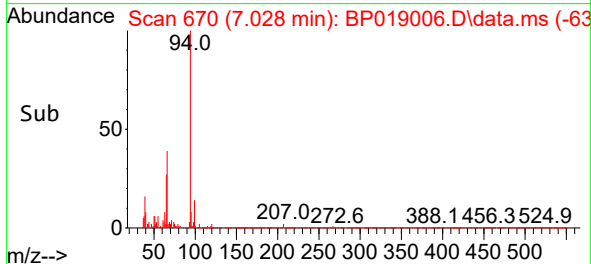
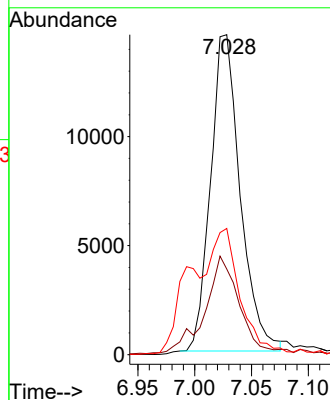
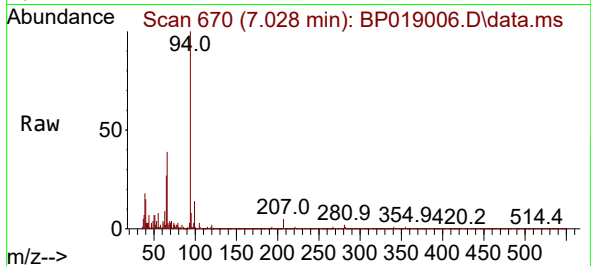




#8
Phenol
Concen: 2.246 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

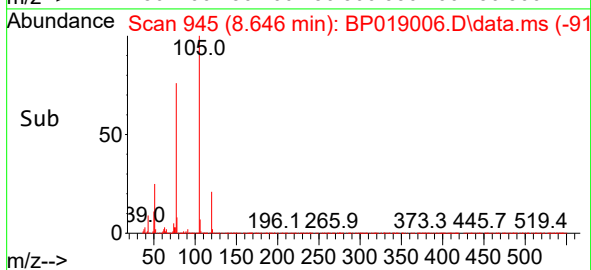
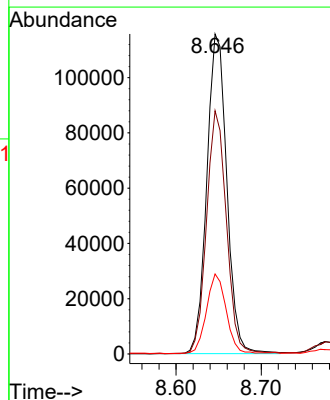
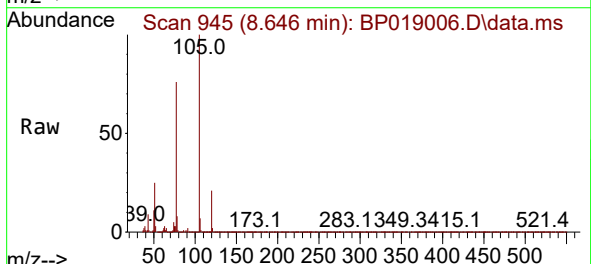
Instrument :
BNA_P
ClientSampleId :
DCLF4ME

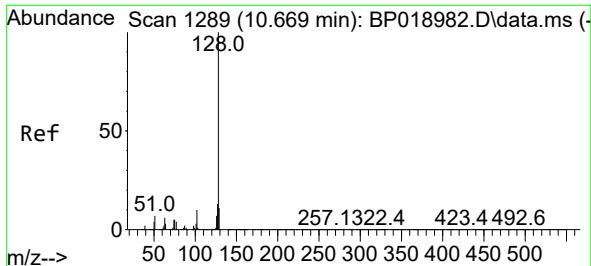
Tgt Ion: 94 Resp: 26417
Ion Ratio Lower Upper
94 100
65 26.7 21.0 31.6
66 39.4 28.6 43.0



#16
Acetophenone
Concen: 13.061 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. -0.006 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

Tgt Ion: 105 Resp: 188902
Ion Ratio Lower Upper
105 100
77 76.0 59.4 89.0
51 25.0 19.4 29.0

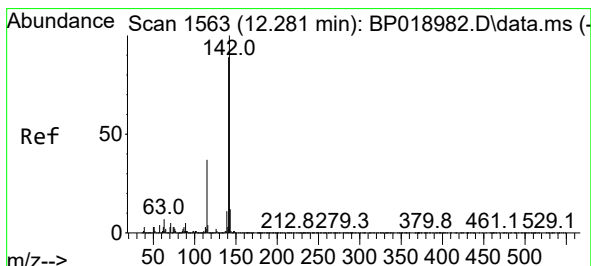
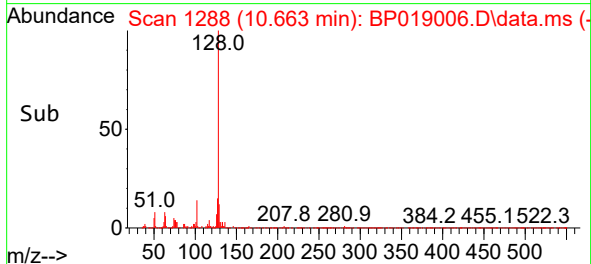
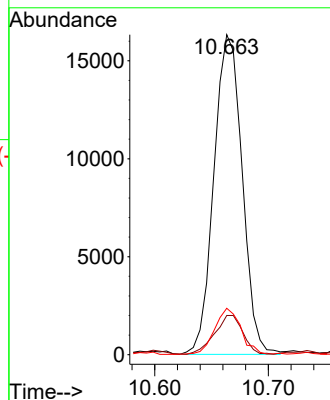
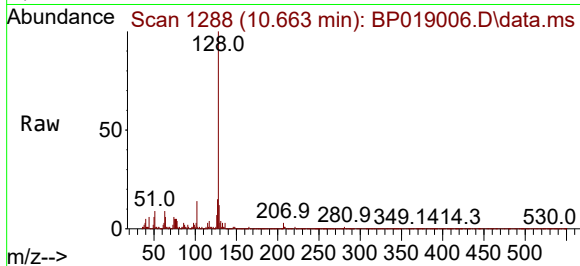




#30
Naphthalene
Concen: 1.038 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

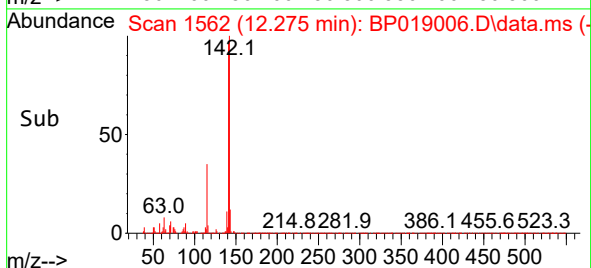
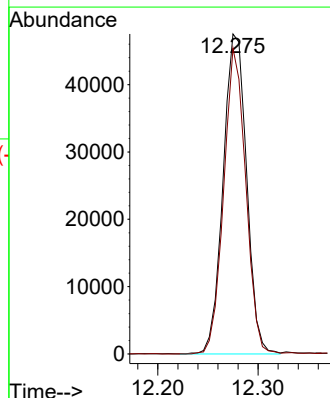
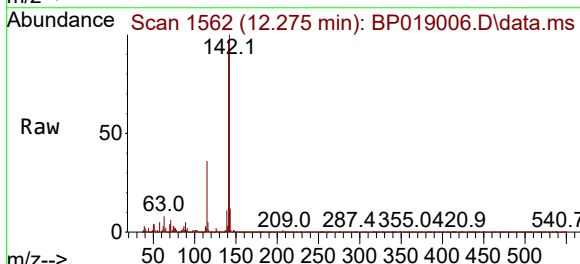
Instrument :
BNA_P
ClientSampleId :
DCLF4ME

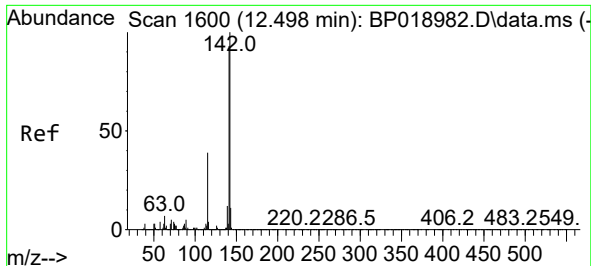
Tgt Ion:128 Resp: 28284
Ion Ratio Lower Upper
128 100
129 12.2 8.9 13.3
127 14.5 10.5 15.7



#36
2-Methylnaphthalene
Concen: 3.989 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

Tgt Ion:142 Resp: 77010
Ion Ratio Lower Upper
142 100
141 95.6 71.4 107.0





#37

1-Methylnaphthalene

Concen: 15.332 ng/ul

RT: 12.493 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

Instrument :

BNA_P

ClientSampleId :

DCLF4ME

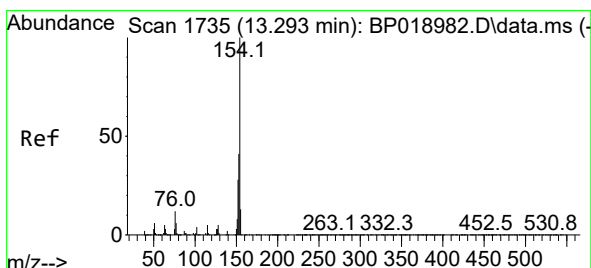
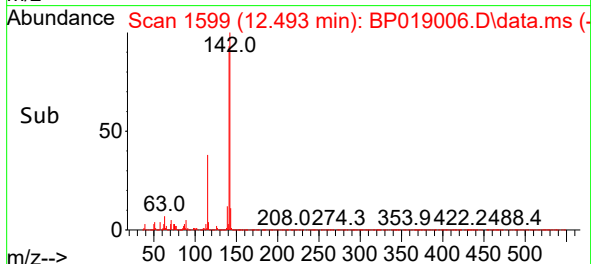
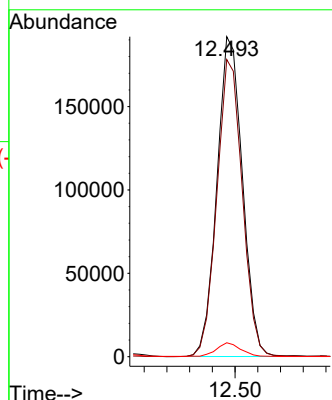
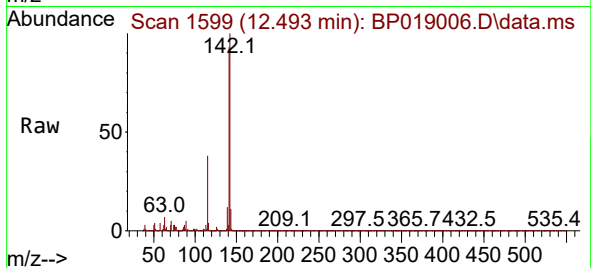
Tgt Ion:142 Resp: 298895

Ion Ratio Lower Upper

142 100

141 92.9 73.5 110.3

116 4.4 2.8 4.2#



#43

1,1'-Biphenyl

Concen: 1.127 ng/ul

RT: 13.293 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

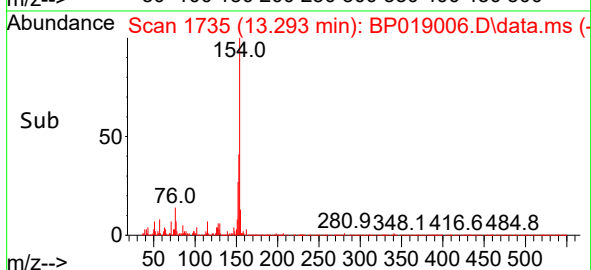
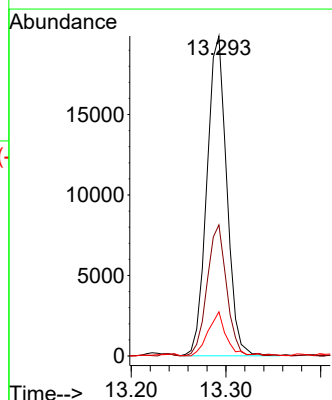
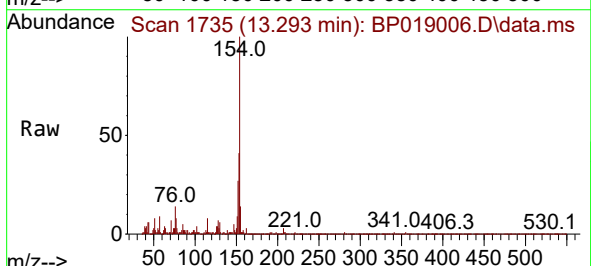
Tgt Ion:154 Resp: 28931

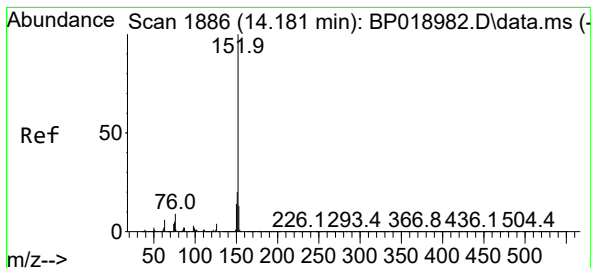
Ion Ratio Lower Upper

154 100

153 41.0 32.8 49.2

76 13.8 10.7 16.1





#50

Acenaphthylene

Concen: 2.893 ng/ul

RT: 14.175 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

Instrument :

BNA_P

ClientSampleId :

DCLF4ME

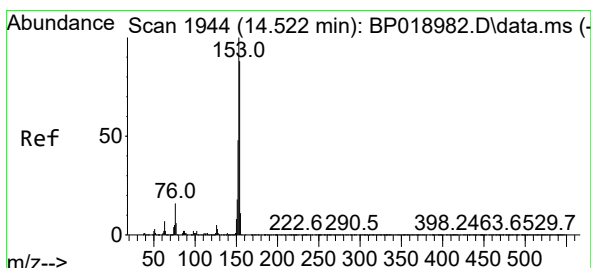
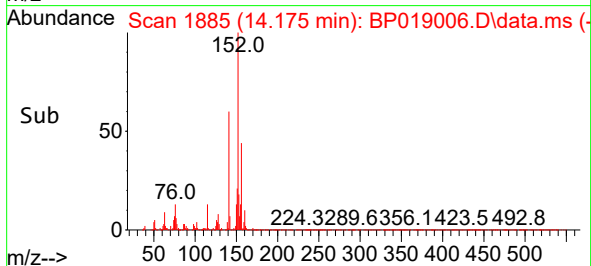
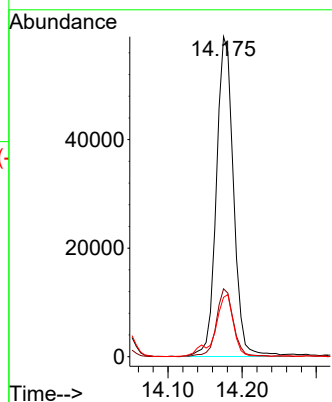
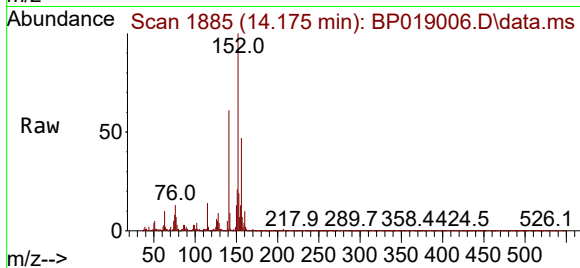
Tgt Ion:152 Resp: 94911

Ion Ratio Lower Upper

152 100

151 21.2 15.9 23.9

153 18.5 10.6 16.0#



#52

Acenaphthene

Concen: 136.486 ng/ul

RT: 14.522 min Scan# 1944

Delta R.T. 0.000 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

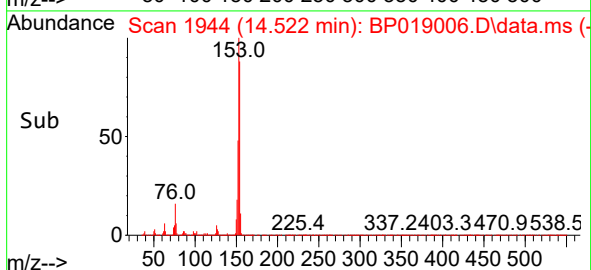
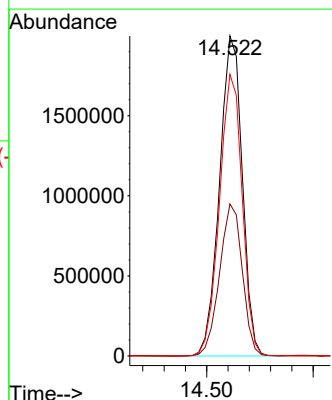
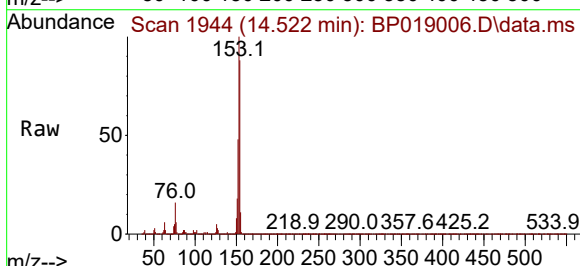
Tgt Ion:153 Resp: 2960496

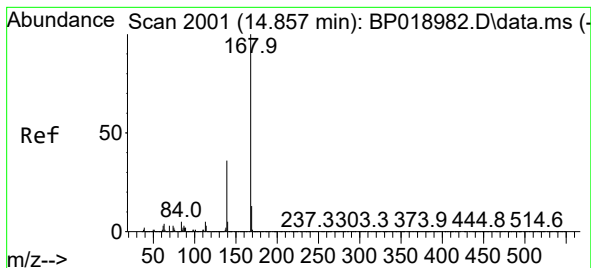
Ion Ratio Lower Upper

153 100

152 47.5 38.1 57.1

154 88.0 71.7 107.5

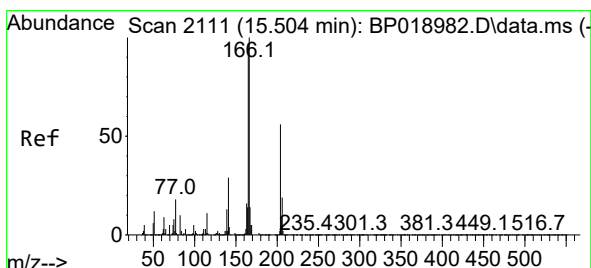
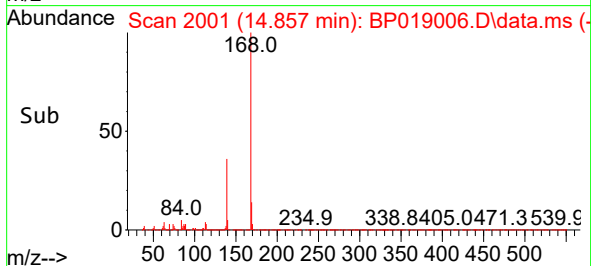
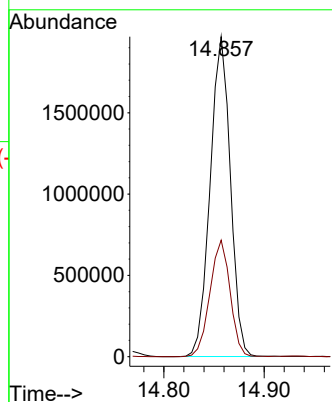
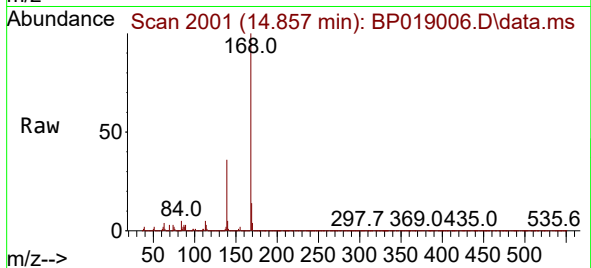




#56
Dibenzenofuran
Concen: 91.426 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

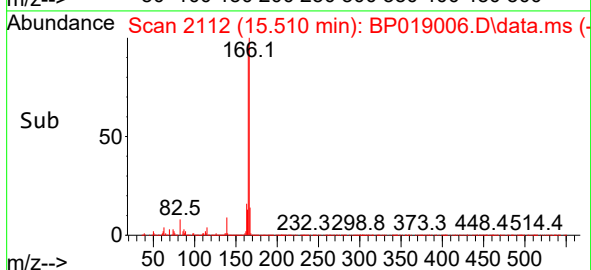
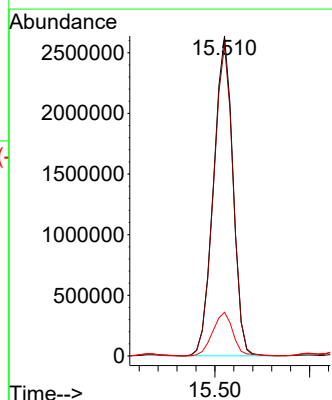
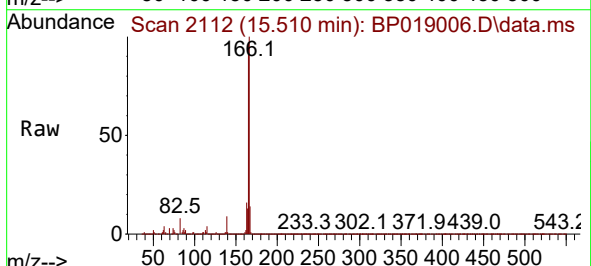
Instrument :
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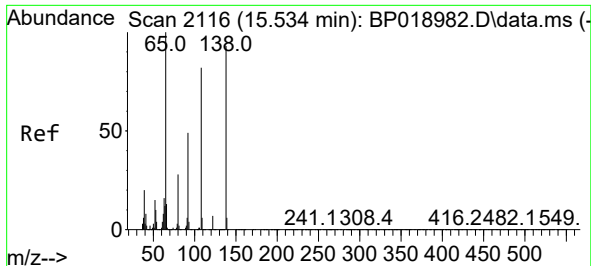
Tgt Ion:168 Resp: 2756220
Ion Ratio Lower Upper
168 100
139 36.4 29.1 43.7



#61
Fluorene
Concen: 156.919 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

Tgt Ion:166 Resp: 3743213
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.7 10.8 16.2

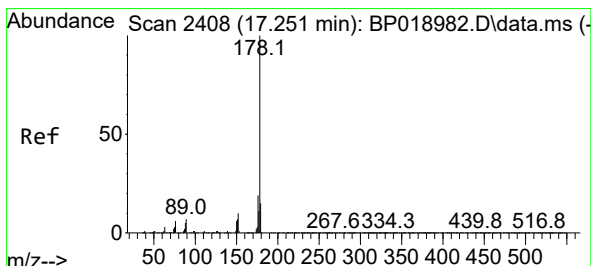
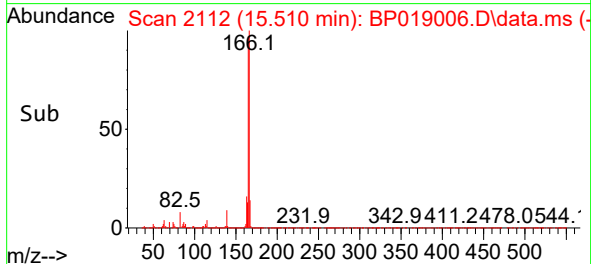
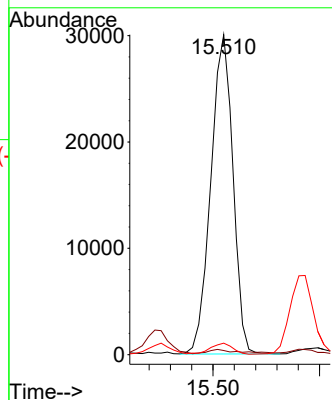
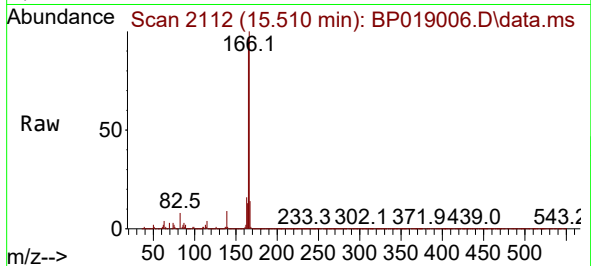




#63
4-Nitroaniline
Concen: 9.228 ng/ul
RT: 15.510 min Scan# 2116
Delta R.T. -0.023 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

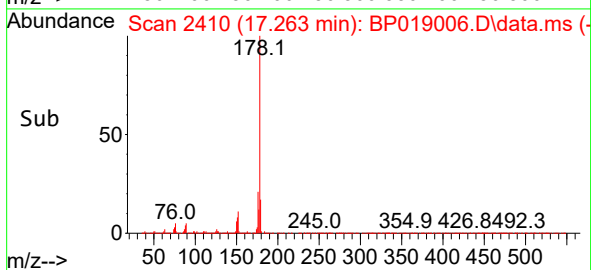
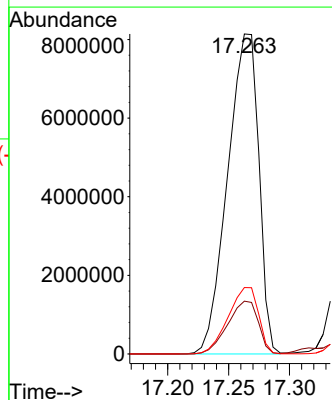
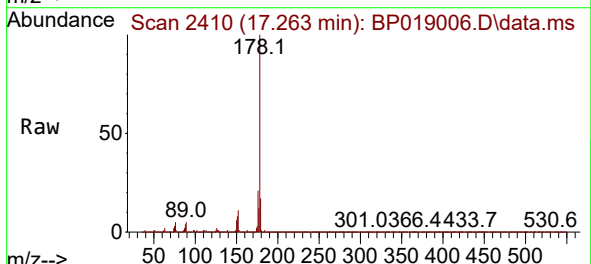
Instrument :
BNA_P
ClientSampleId :
DCLF4ME

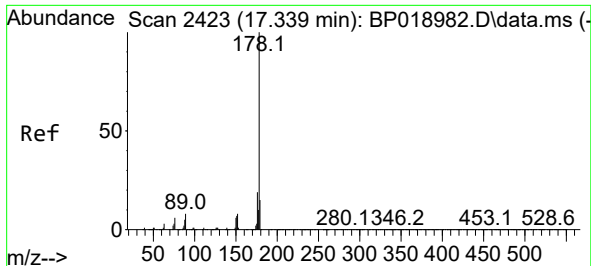
Tgt Ion:138 Resp: 43245
Ion Ratio Lower Upper
138 100
92 1.3 42.3 63.5#
108 3.6 62.0 93.0#



#72
Phenanthrene
Concen: 338.921 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

Tgt Ion:178 Resp:14505979
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 20.8 15.4 23.2

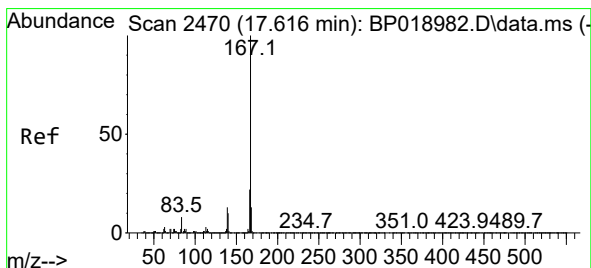
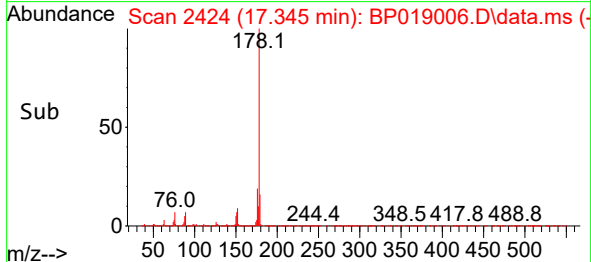
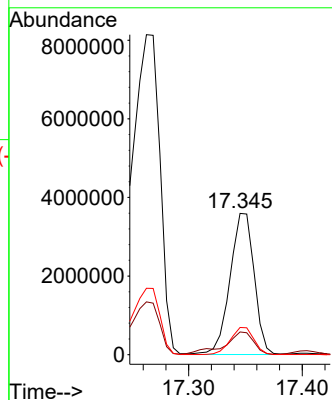
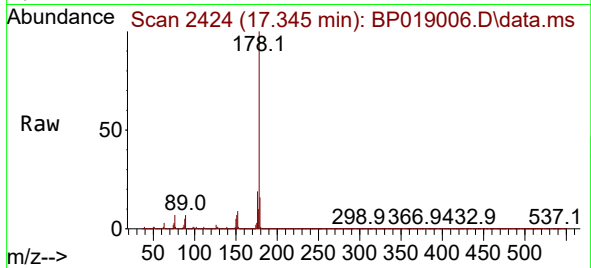




#74
 Anthracene
 Concen: 124.320 ng/ul
 RT: 17.345 min Scan# 2423
 Delta R.T. 0.006 min
 Lab File: BP019006.D
 Acq: 21 Dec 2023 19:05

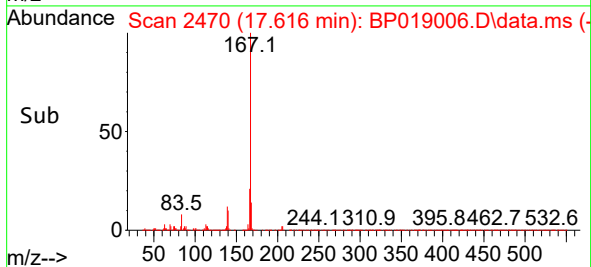
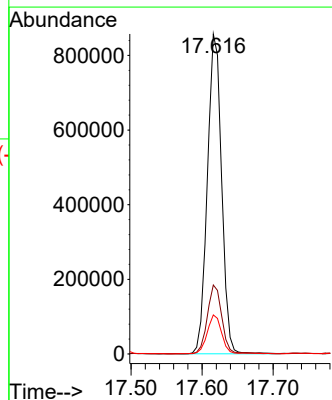
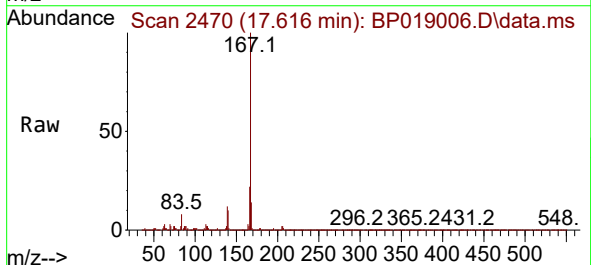
Instrument :
 BNA_P
 ClientSampleId :
 DCLF4ME

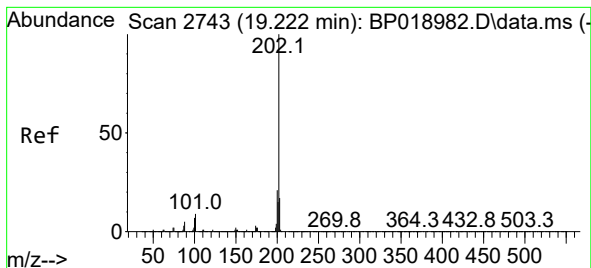
Tgt Ion:178 Resp: 5333556
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.5 18.7
 176 19.2 15.0 22.6



#77
 Carbazole
 Concen: 34.984 ng/ul
 RT: 17.616 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BP019006.D
 Acq: 21 Dec 2023 19:05

Tgt Ion:167 Resp: 1196189
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.2 10.2 15.4





#80

Fluoranthene

Concen: 191.901 ng/ul

RT: 19.233 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

Instrument :

BNA_P

ClientSampleId :

DCLF4ME

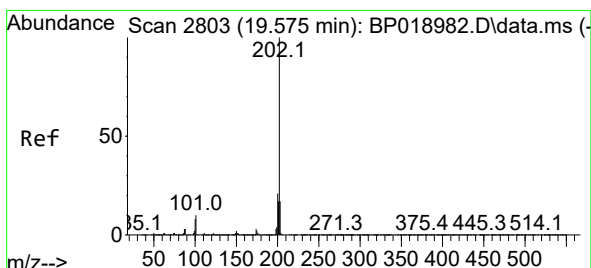
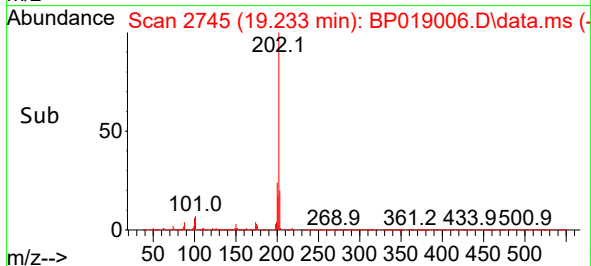
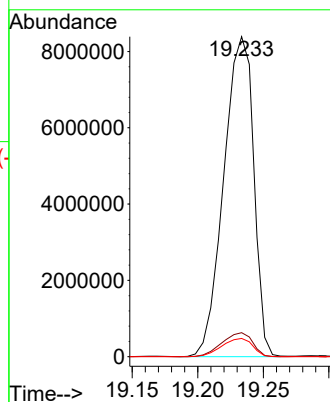
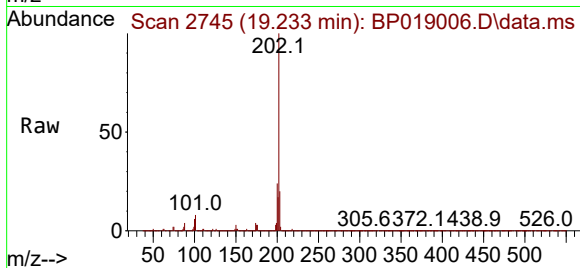
Tgt Ion:202 Resp:13309766

Ion Ratio Lower Upper

202 100

101 7.5 9.1 13.7#

100 5.7 7.1 10.7#



#82

Pyrene

Concen: 135.295 ng/ul

RT: 19.586 min Scan# 2805

Delta R.T. 0.012 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

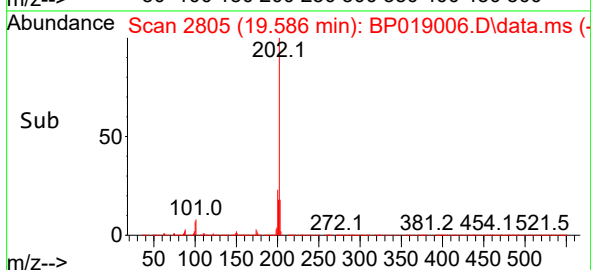
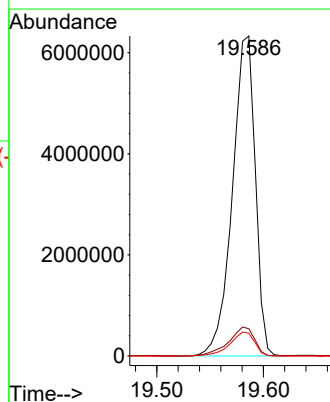
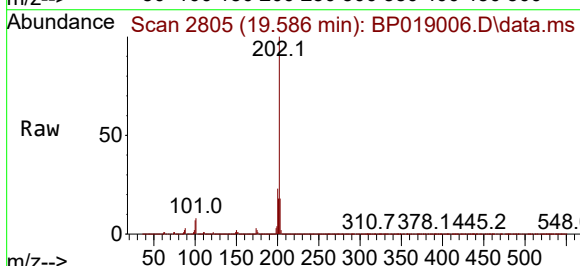
Tgt Ion:202 Resp: 9466411

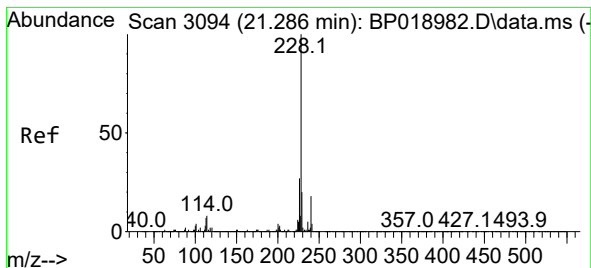
Ion Ratio Lower Upper

202 100

101 8.5 11.0 16.4#

100 7.1 9.1 13.7#





#85

Benzo(a)anthracene

Concen: 42.382 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

Instrument :

BNA_P

ClientSampleId :

DCLF4ME

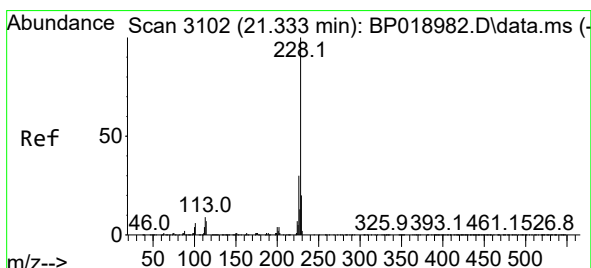
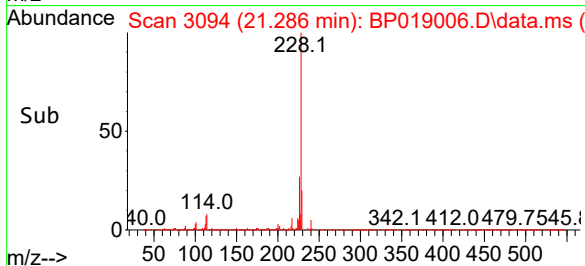
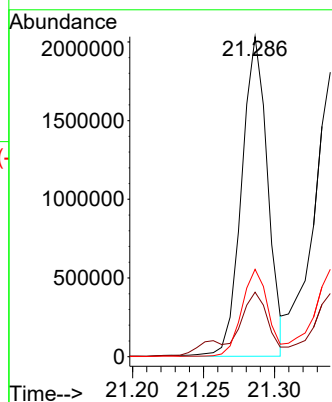
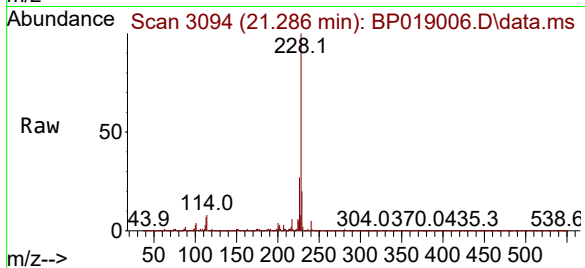
Tgt Ion:228 Resp: 2593063

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 27.3 21.9 32.9



#87

Chrysene

Concen: 43.679 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. 0.006 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

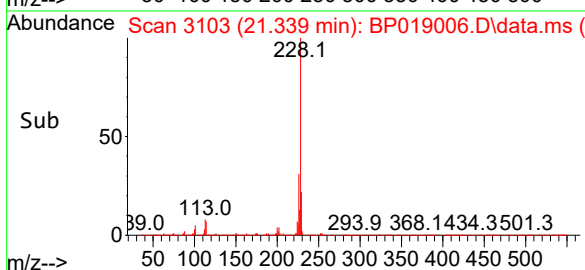
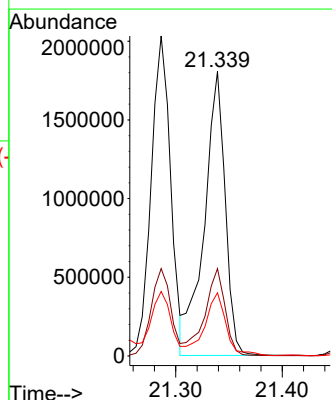
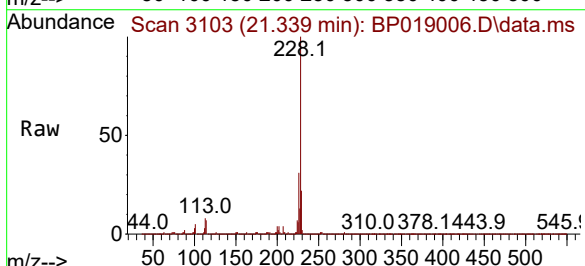
Tgt Ion:228 Resp: 2461005

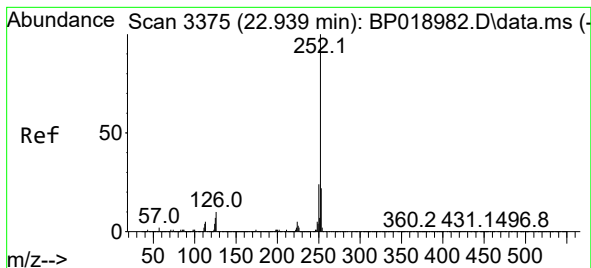
Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 22.2 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 22.745 ng/ul

RT: 22.945 min Scan# 3376

Delta R.T. 0.006 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

Instrument :

BNA_P

ClientSampleId :

DCLF4ME

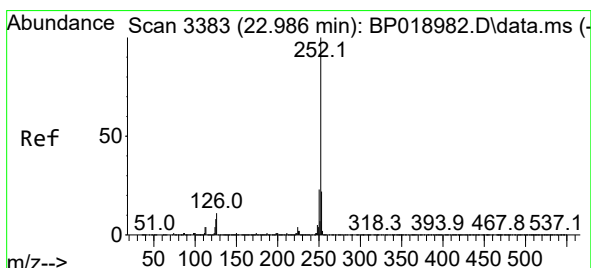
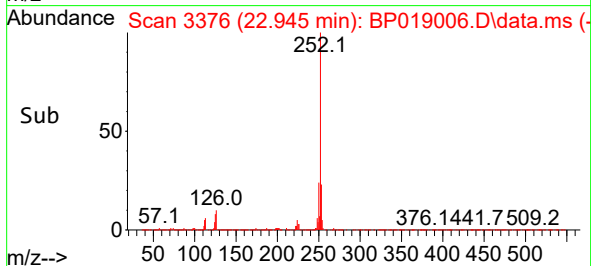
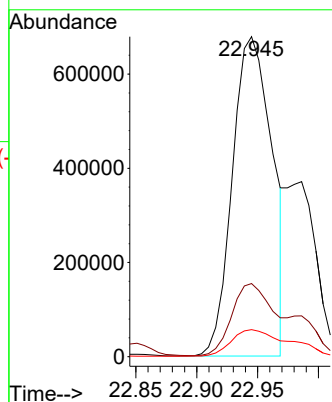
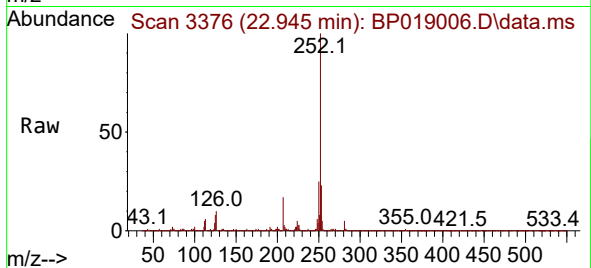
Tgt Ion:252 Resp: 1537312

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 8.5 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 23.507 ng/ul

RT: 22.945 min Scan# 3376

Delta R.T. -0.041 min

Lab File: BP019006.D

Acq: 21 Dec 2023 19:05

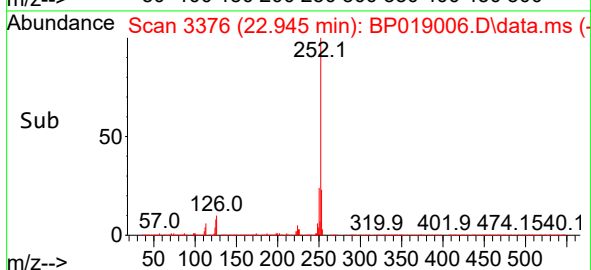
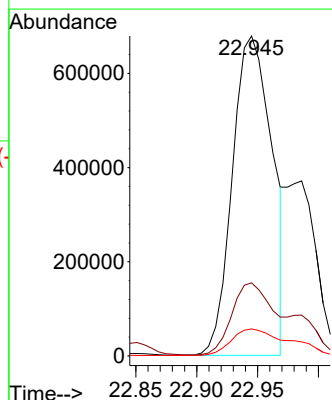
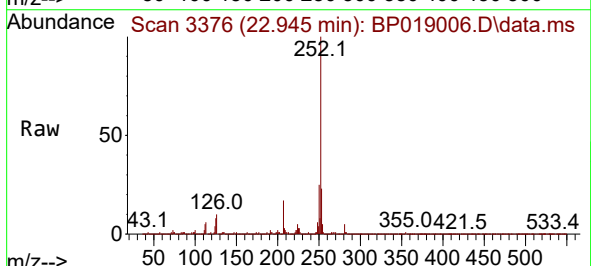
Tgt Ion:252 Resp: 1537312

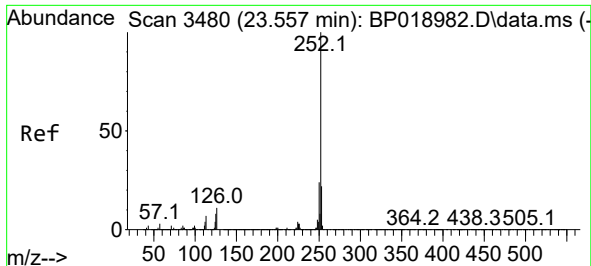
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 8.5 8.0 12.0

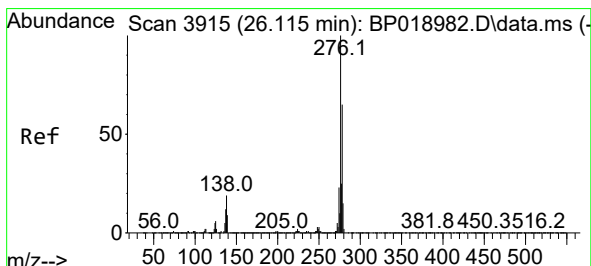
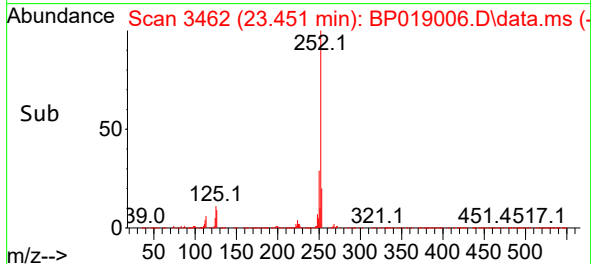
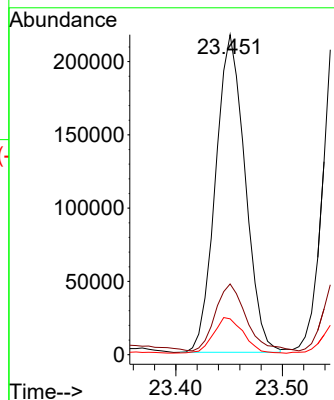
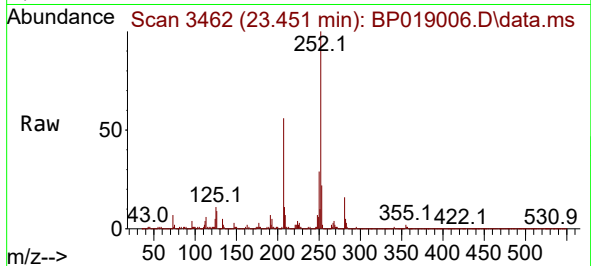




#93
Benzo(a)pyrene
Concen: 6.751 ng/ul
RT: 23.451 min Scan# 34
Delta R.T. -0.106 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

Instrument :
BNA_P
ClientSampleId :
DCLF4ME

Tgt Ion:252 Resp: 416931
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.2 9.2 13.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.692 ng/ul
RT: 26.104 min Scan# 3913
Delta R.T. -0.012 min
Lab File: BP019006.D
Acq: 21 Dec 2023 19:05

Tgt Ion:276 Resp: 272442
Ion Ratio Lower Upper
276 100
138 17.6 19.4 29.2#
277 25.3 19.8 29.6

