

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014954.D
 Acq On : 04 May 2023 16:07
 Operator : CG/JU
 Sample : 02447-07 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW912

Quant Time: May 04 22:44:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

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

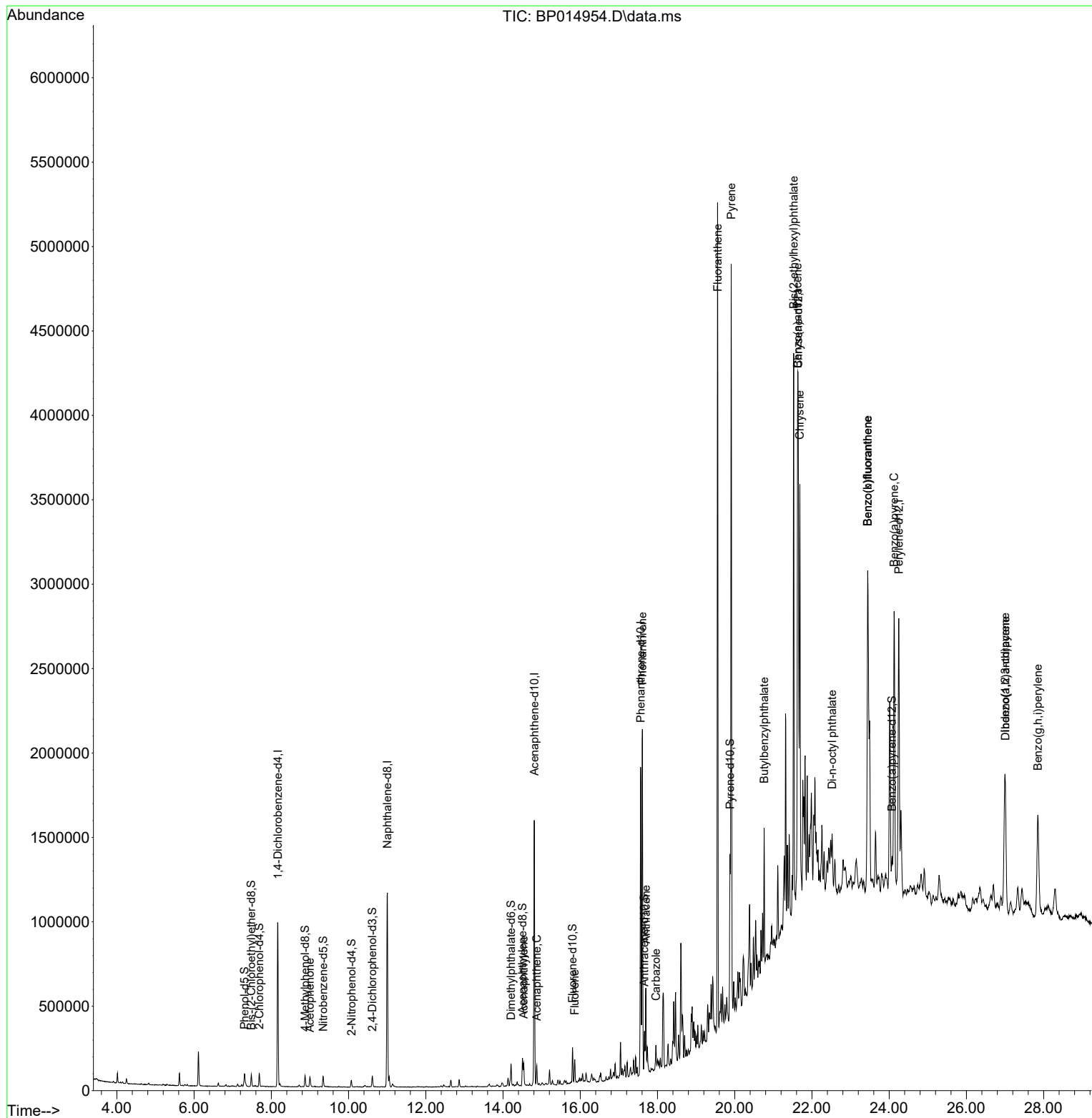
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	271702	20.000	ng/ul	0.00
20) Naphthalene-d8	11.005	136	981007	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	511563	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1060736	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1098225	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1339678	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	3708	0.507	ng/uL	0.00
4) Pyridine-d5	3.899	84	274	0.014	ng/ul	0.00
7) Phenol-d5	7.311	99	41908	1.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	31302	2.150	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	36722	2.120	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	26748	1.473	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	15339	2.198	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	13529	1.888	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	25477	1.811	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	11944	0.587	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	87043	2.404	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	106288	2.448	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	1186	0.188	ng/ul	0.01
60) Fluorene-d10	15.798	176	78054	2.506	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	1826	0.306	ng/ul	0.00
73) Anthracene-d10	17.663	188	127944	2.685	ng/ul	0.00
81) Pyrene-d10	19.881	212	162690	2.196	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	174734	2.677	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.999	105	33440	1.127	ng/ul	97
50) Acenaphthylene	14.534	152	73190	1.487	ng/ul	99
52) Acenaphthene	14.875	153	47077	1.382	ng/ul	96
61) Fluorene	15.857	166	58490	1.613	ng/ul	98
72) Phenanthrene	17.610	178	1223633	20.881	ng/ul	100
74) Anthracene	17.698	178	312933	5.364	ng/ul	98
77) Carbazole	17.963	167	83218	1.696	ng/ul	99
80) Fluoranthene	19.557	202	2662720	29.296	ng/ul	99
82) Pyrene	19.910	202	2526456	26.237	ng/ul	99
83) Butylbenzylphthalate	20.763	149	227393	7.865	ng/ul	99
85) Benzo(a)anthracene	21.628	228	1386982	18.921	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.528	149	1236300	33.985	ng/ul	99
87) Chrysene	21.686	228	1334322	18.078	ng/ul	98
89) Di-n-octyl phthalate	22.522	149	85974	1.099	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	1853212	21.404	ng/ul	97
91) Benzo(k)fluoranthene	23.445	252	1853212	21.031	ng/ul	98
93) Benzo(a)pyrene	24.127	252	1310856	17.264	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.004	276	929917	10.040	ng/ul#	95
95) Dibenzo(a,h)anthracene	27.010	278	244150	3.216	ng/ul#	81
96) Benzo(g,h,i)perylene	27.851	276	861041	10.923	ng/ul	97

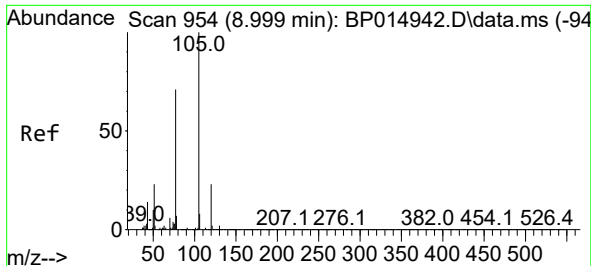
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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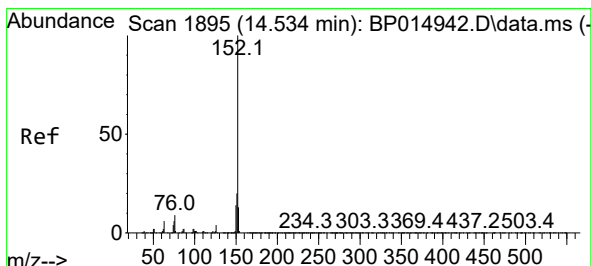
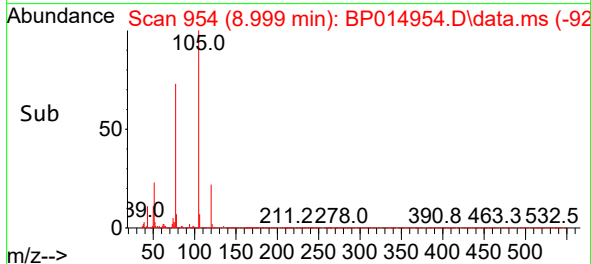
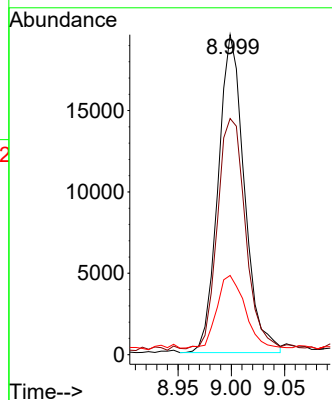
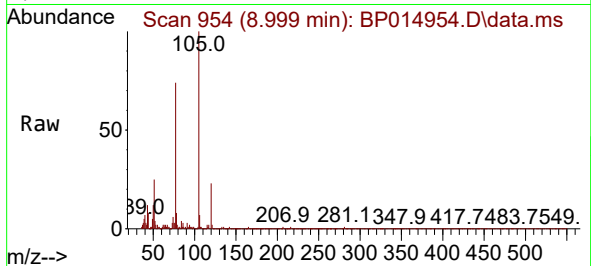




#16
Acetophenone
Concen: 1.127 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP014954.D
Acq: 04 May 2023 16:07

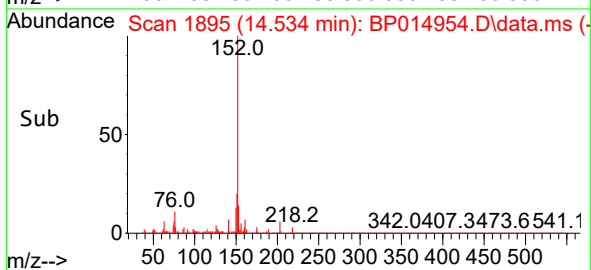
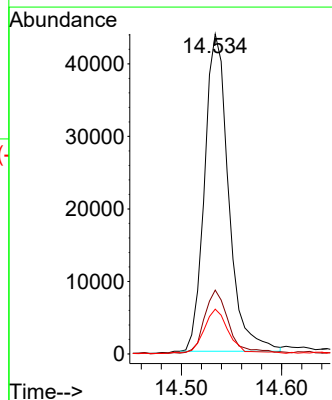
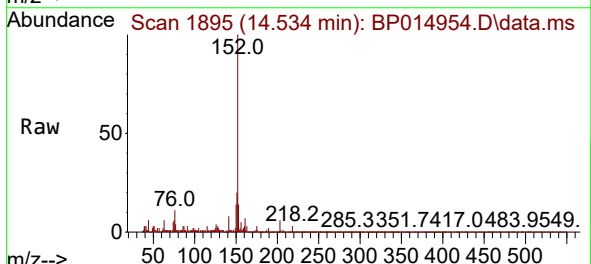
Instrument :
BNA_P
ClientSampleId :
EW912

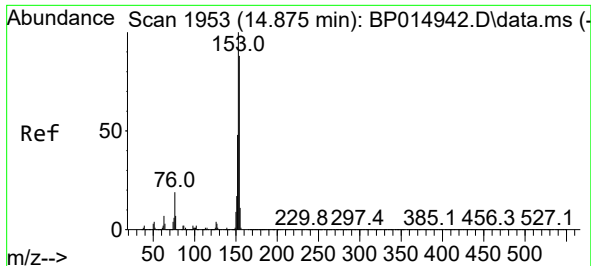
Tgt Ion:105 Resp: 33440
Ion Ratio Lower Upper
105 100
77 73.8 61.2 91.8
51 24.7 19.4 29.2



#50
Acenaphthylene
Concen: 1.487 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP014954.D
Acq: 04 May 2023 16:07

Tgt Ion:152 Resp: 73190
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 14.0 10.4 15.6

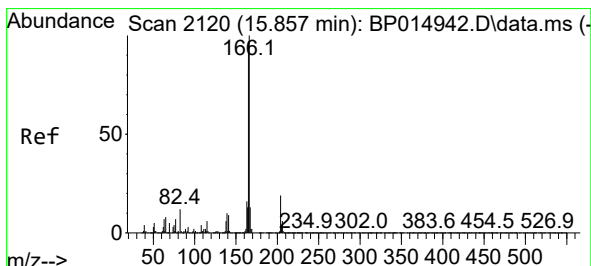
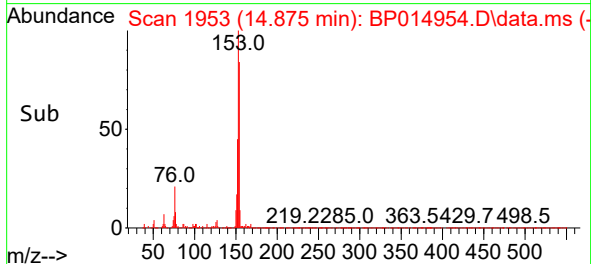
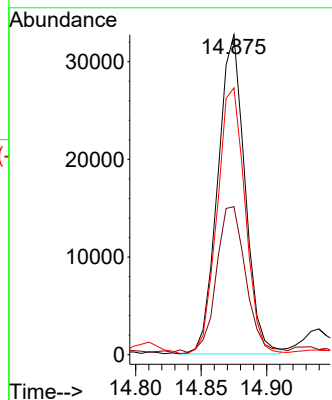
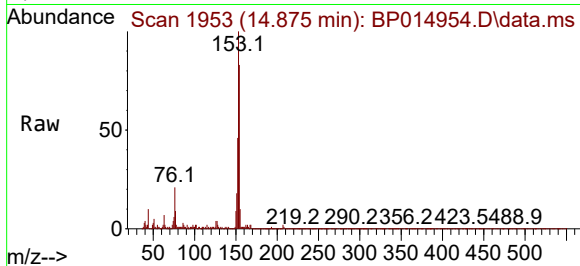




#52
Acenaphthene
Concen: 1.382 ng/ul
RT: 14.875 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP014954.D
Acq: 04 May 2023 16:07

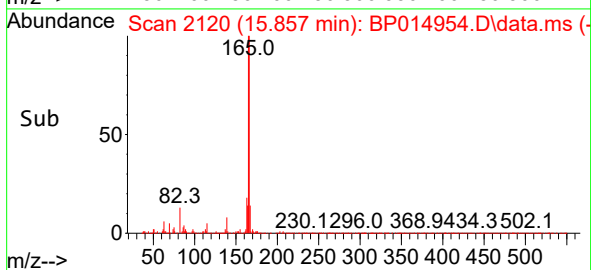
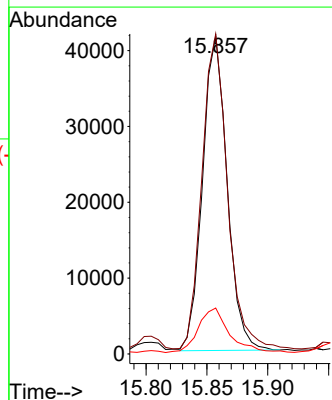
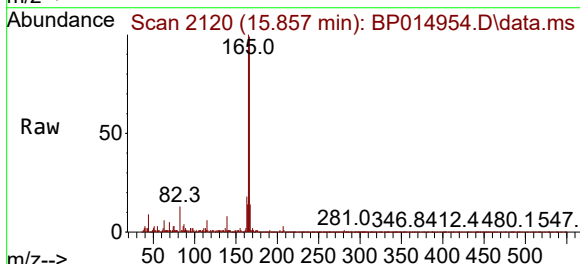
Instrument :
BNA_P
ClientSampleId :
EW912

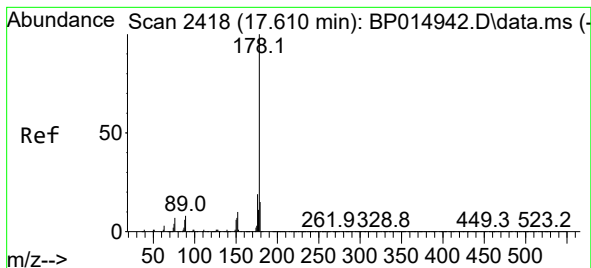
Tgt Ion:153 Resp: 47077
Ion Ratio Lower Upper
153 100
152 46.3 38.8 58.2
154 83.4 69.6 104.4



#61
Fluorene
Concen: 1.613 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP014954.D
Acq: 04 May 2023 16:07

Tgt Ion:166 Resp: 58490
Ion Ratio Lower Upper
166 100
165 100.6 79.3 118.9
167 14.4 10.7 16.1





#72

Phenanthrene

Concen: 20.881 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

Instrument :

BNA_P

ClientSampleId :

EW912

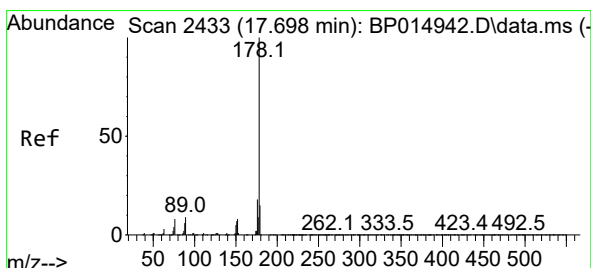
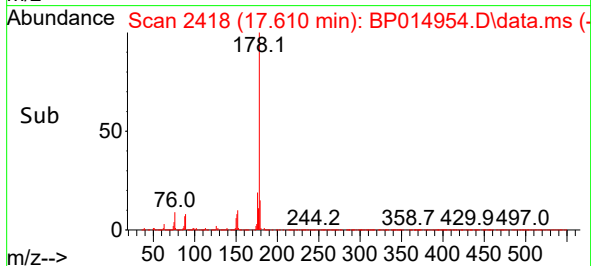
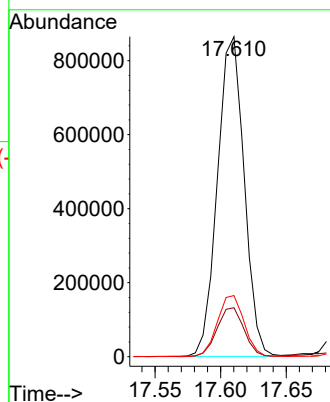
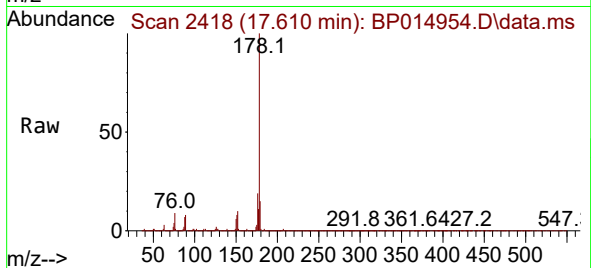
Tgt Ion:178 Resp: 1223633

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.1 15.4 23.0



#74

Anthracene

Concen: 5.364 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

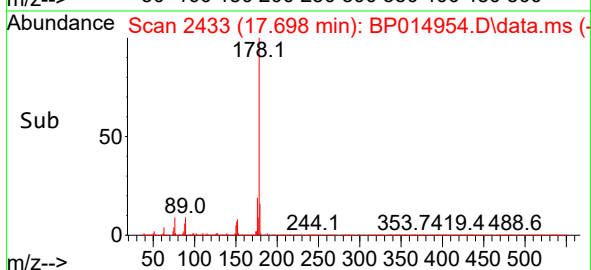
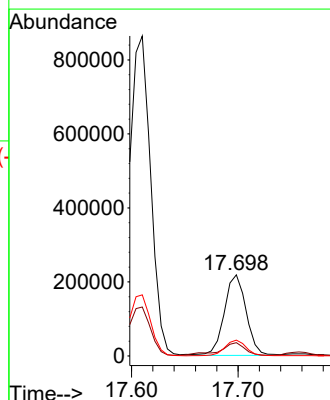
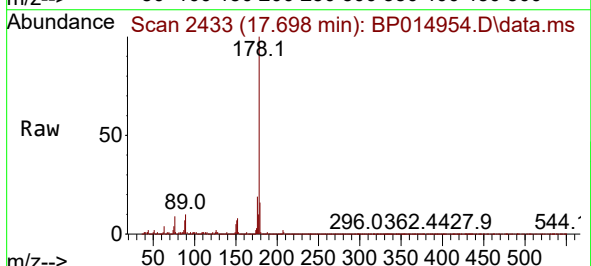
Tgt Ion:178 Resp: 312933

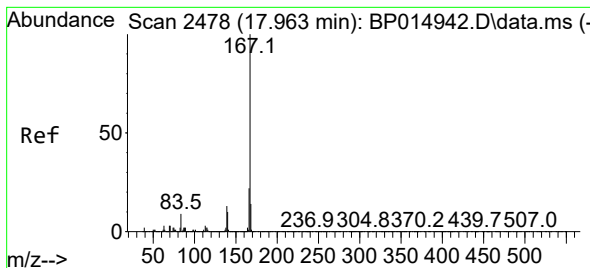
Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 19.4 15.0 22.4





#77

Carbazole

Concen: 1.696 ng/ul

RT: 17.963 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

Instrument :

BNA_P

ClientSampleId :

EW912

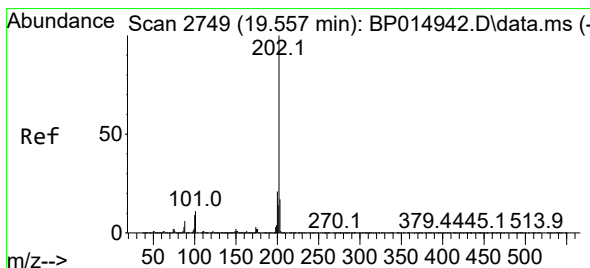
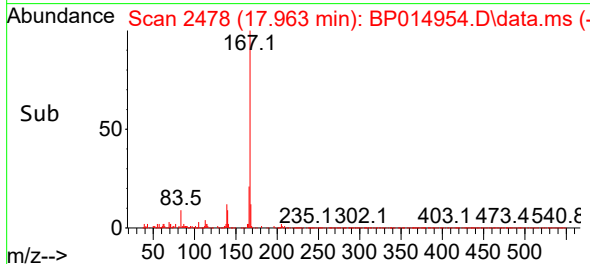
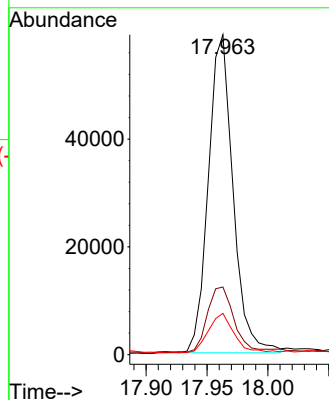
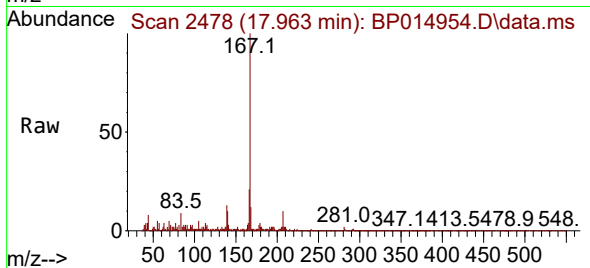
Tgt Ion:167 Resp: 83218

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 12.9 10.1 15.1



#80

Fluoranthene

Concen: 29.296 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. 0.000 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

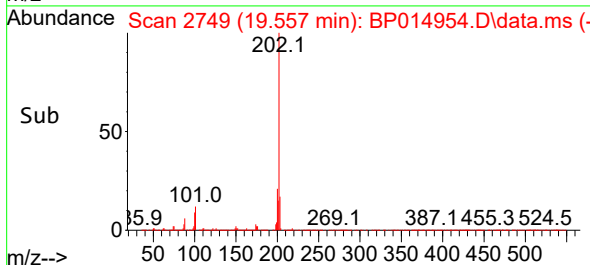
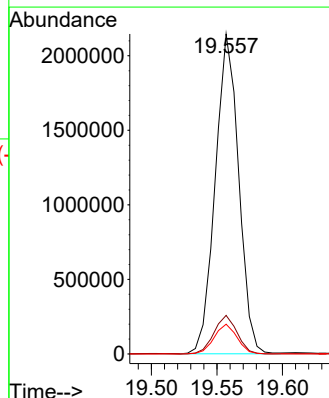
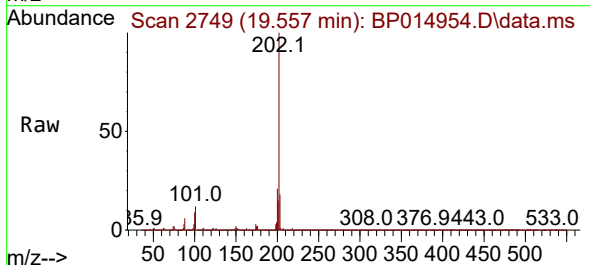
Tgt Ion:202 Resp: 2662720

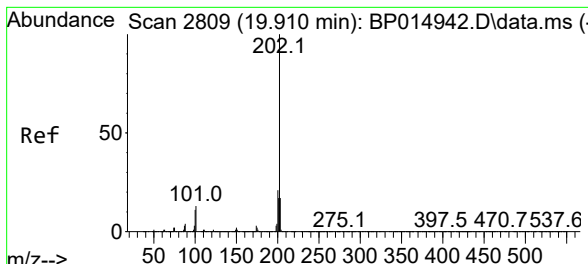
Ion Ratio Lower Upper

202 100

101 12.0 10.1 15.1

100 9.3 7.7 11.5



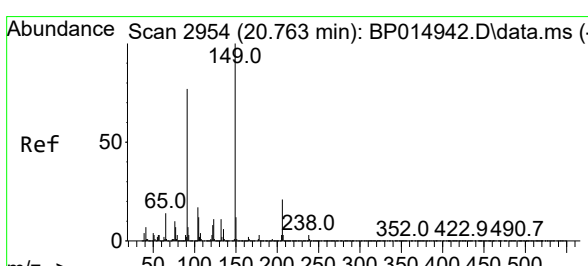
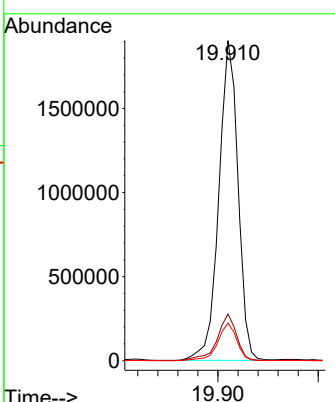
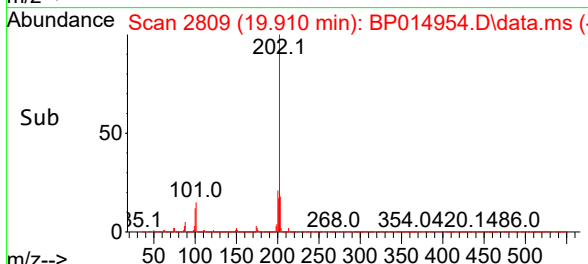
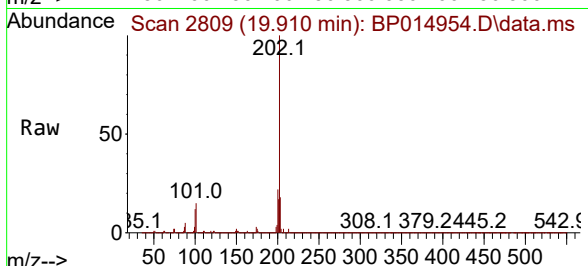


#82
 Pyrene
 Concen: 26.237 ng/ul
 RT: 19.910 min Scan# 2809
 Delta R.T. 0.000 min
 Lab File: BP014954.D
 Acq: 04 May 2023 16:07

Instrument :
 BNA_P
 ClientSampleId :
 EW912

Tgt Ion:202 Resp: 2526456

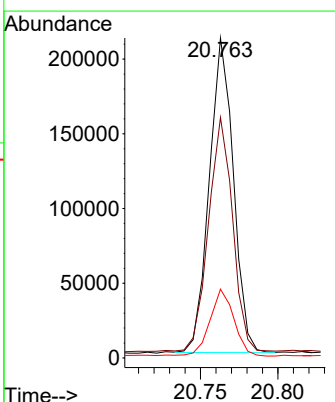
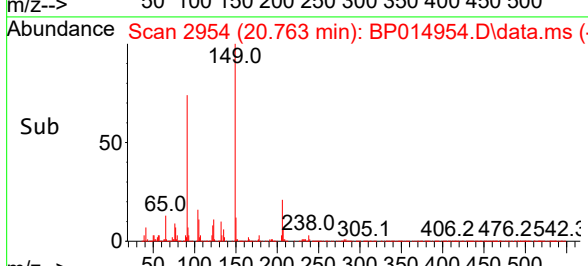
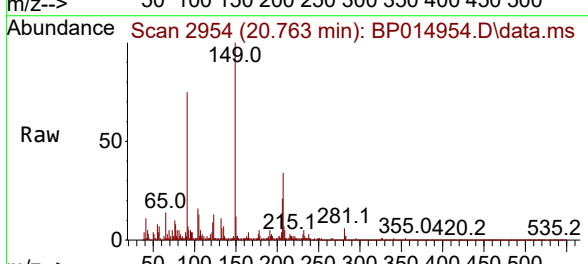
Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.9	17.9
100	11.7	9.7	14.5

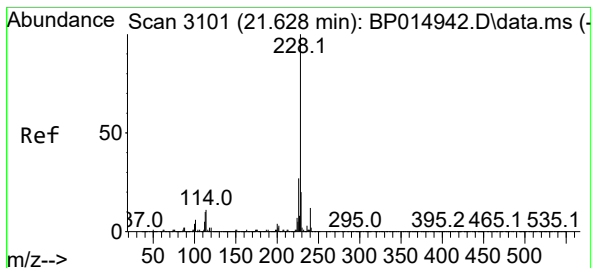


#83
 Butylbenzylphthalate
 Concen: 7.865 ng/ul
 RT: 20.763 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: BP014954.D
 Acq: 04 May 2023 16:07

Tgt Ion:149 Resp: 227393

Ion	Ratio	Lower	Upper
149	100		
91	75.1	60.1	90.1
206	21.5	16.0	24.0





#85

Benzo(a)anthracene

Concen: 18.921 ng/ul

RT: 21.628 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

Instrument :

BNA_P

ClientSampleId :

EW912

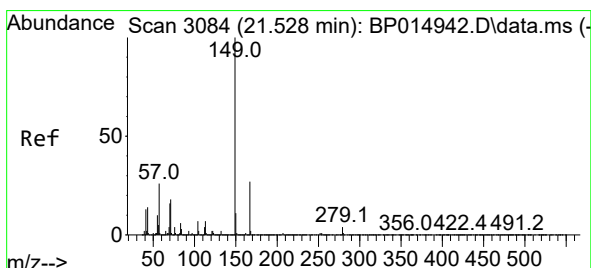
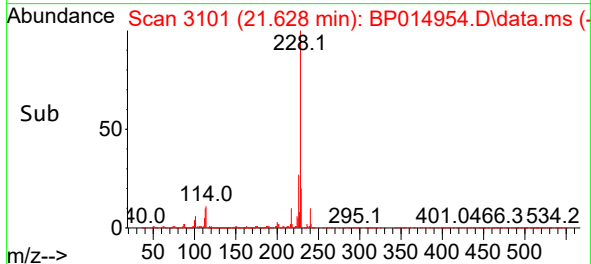
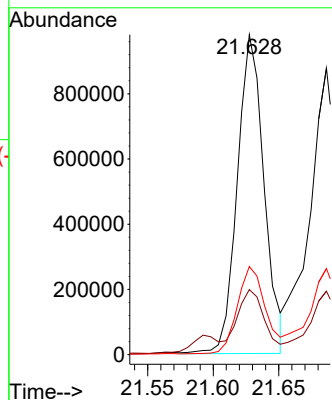
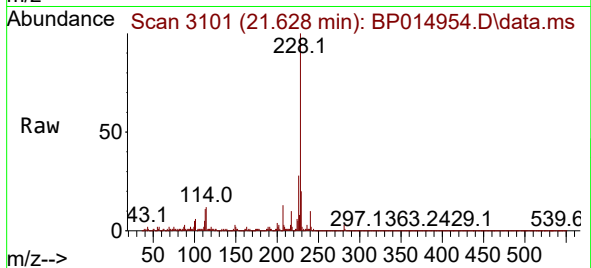
Tgt Ion:228 Resp: 1386982

Ion Ratio Lower Upper

228 100

229 20.3 15.9 23.9

226 27.6 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.985 ng/ul

RT: 21.528 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

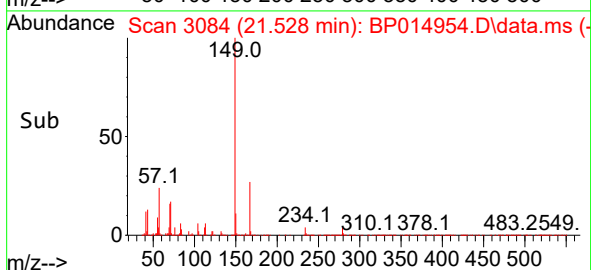
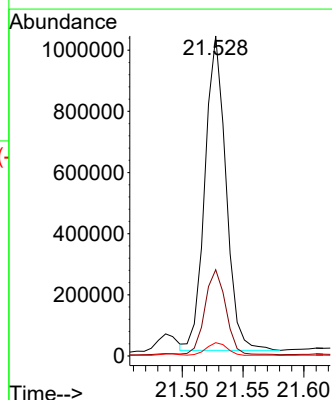
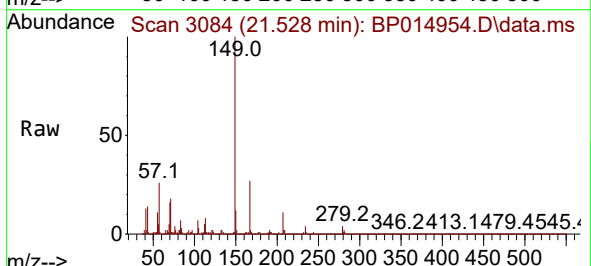
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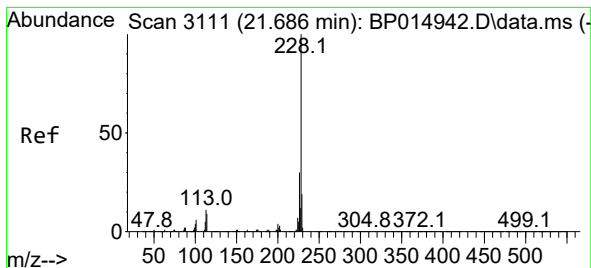
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

279 4.1 2.9 4.3





#87

Chrysene

Concen: 18.078 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP014954.D

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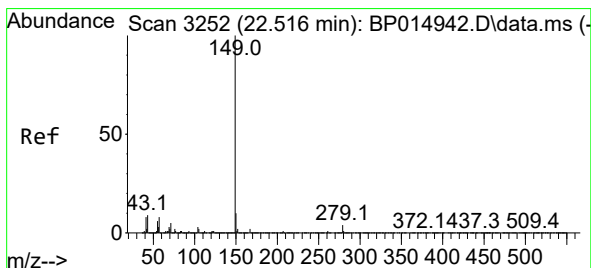
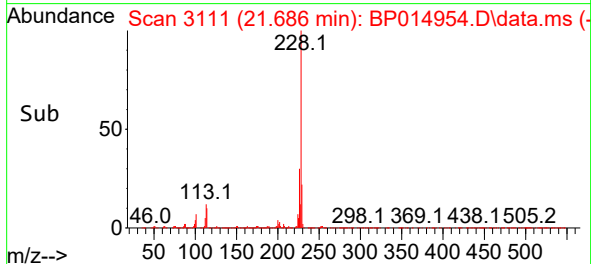
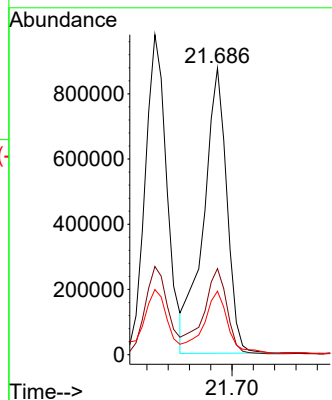
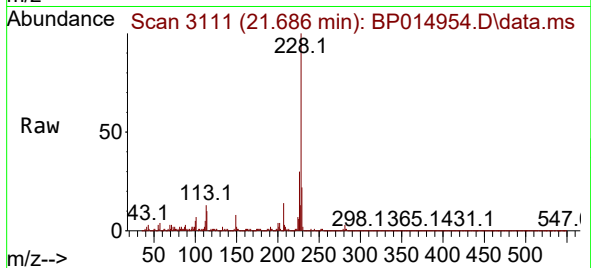
Tgt Ion:228 Resp: 1334322

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 22.1 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 1.099 ng/ul

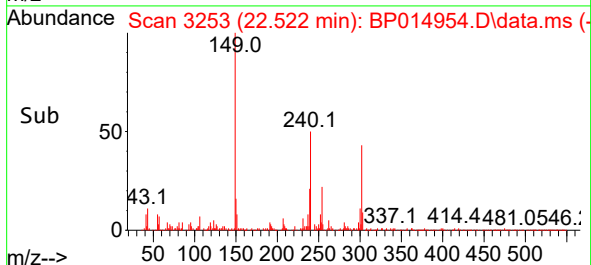
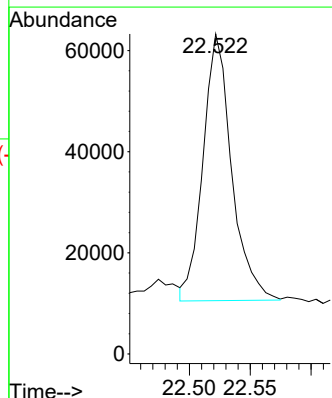
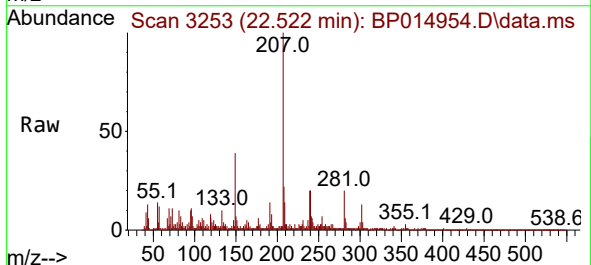
RT: 22.522 min Scan# 3253

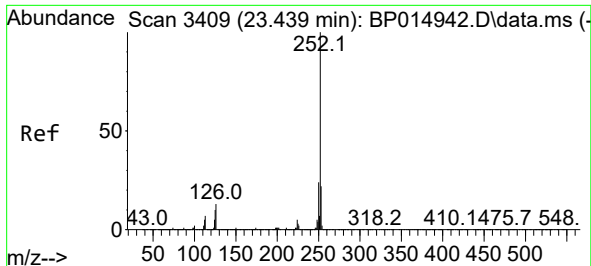
Delta R.T. 0.006 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

Tgt Ion:149 Resp: 85974

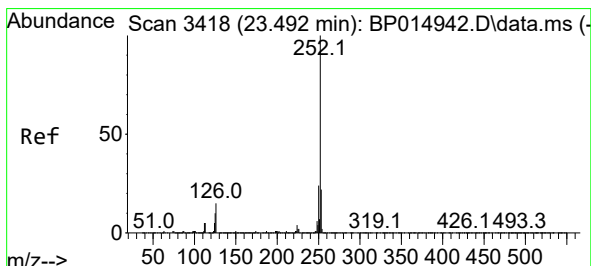
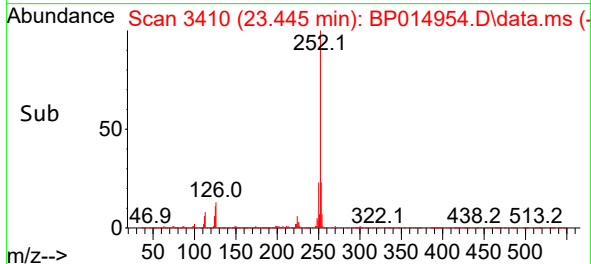
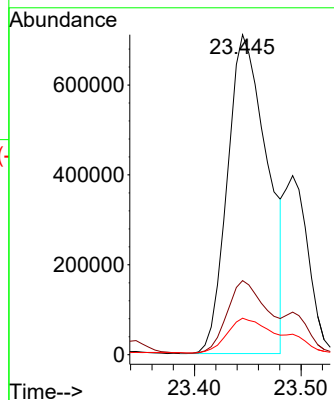
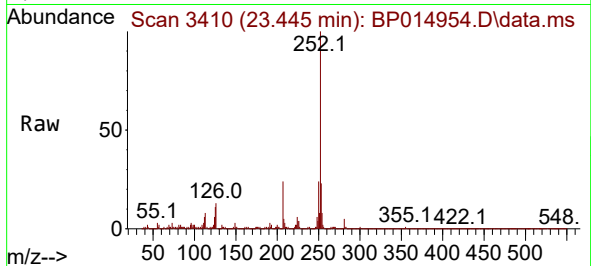




#90
Benzo(b)fluoranthene
Concen: 21.404 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014954.D
Acq: 04 May 2023 16:07

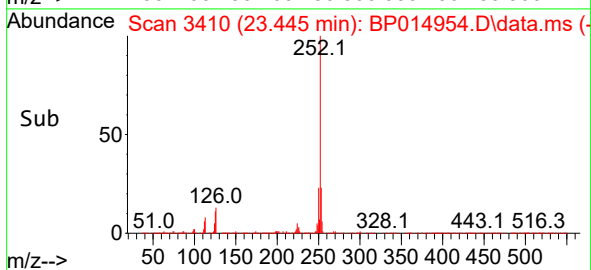
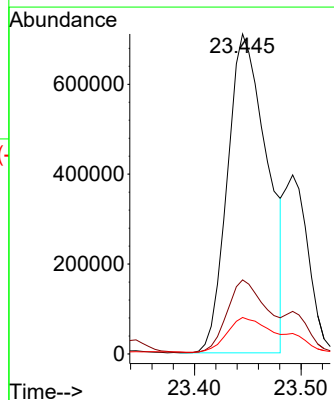
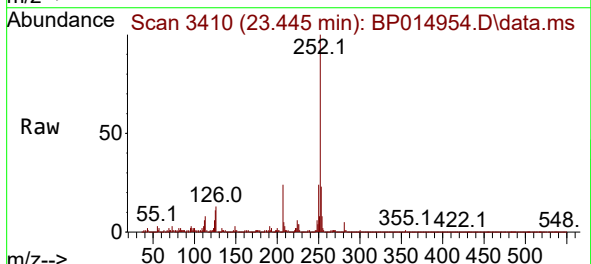
Instrument :
BNA_P
ClientSampleId :
EW912

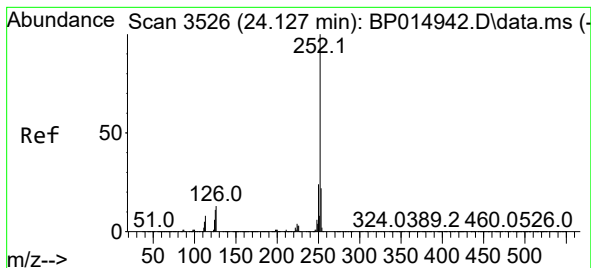
Tgt Ion:252 Resp: 1853212
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.4 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 21.031 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.047 min
Lab File: BP014954.D
Acq: 04 May 2023 16:07

Tgt Ion:252 Resp: 1853212
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.4 8.9 13.3





#93

Benzo(a)pyrene

Concen: 17.264 ng/ul

RT: 24.127 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

Instrument :

BNA_P

ClientSampleId :

EW912

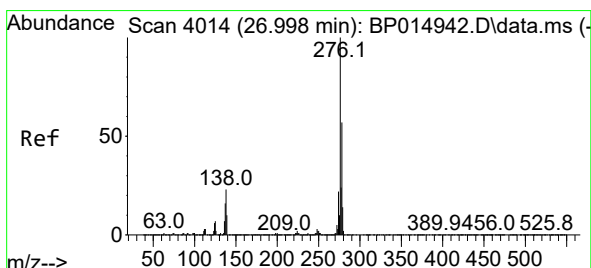
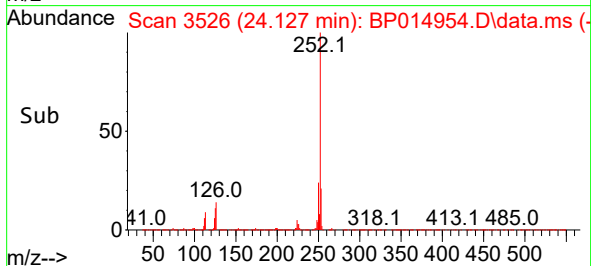
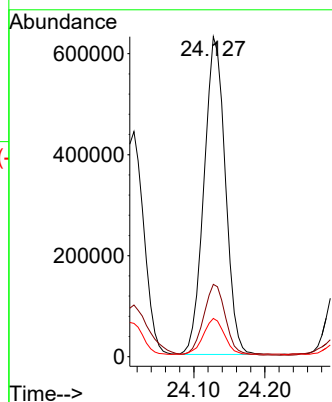
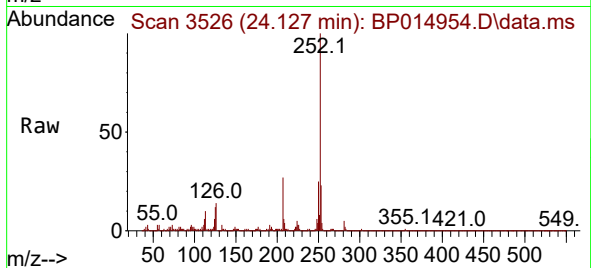
Tgt Ion:252 Resp: 1310856

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 12.0 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.040 ng/ul

RT: 27.004 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP014954.D

Acq: 04 May 2023 16:07

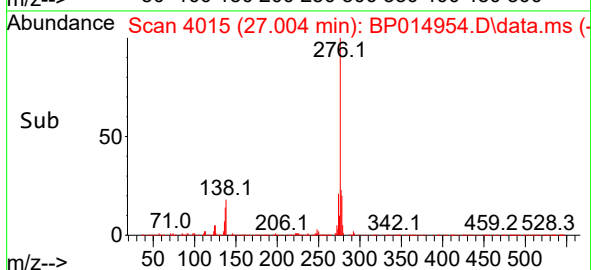
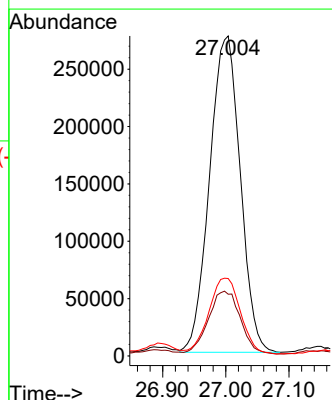
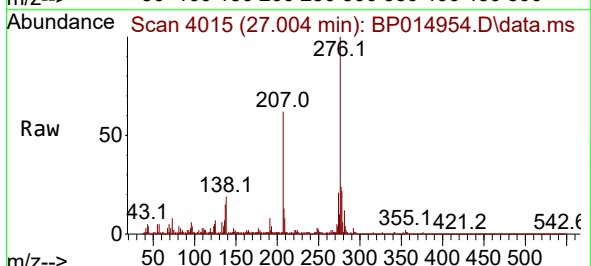
Tgt Ion:276 Resp: 929917

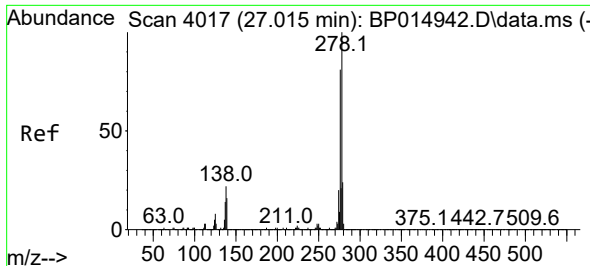
Ion Ratio Lower Upper

276 100

138 19.3 19.4 29.0#

277 24.2 19.4 29.2

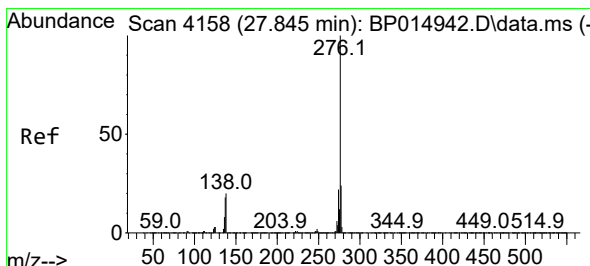
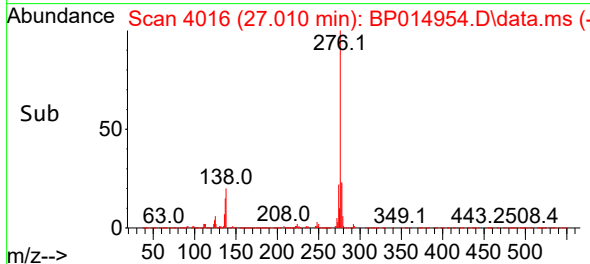
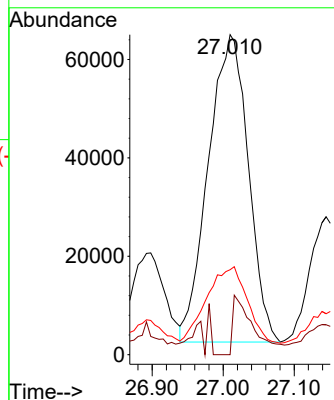
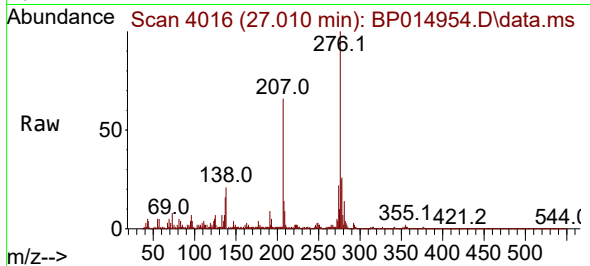




#95
Dibenzo(a,h)anthracene
Concen: 3.216 ng/ul
RT: 27.010 min Scan# 4017
Delta R.T. -0.006 min
Lab File: BP014954.D
Acq: 04 May 2023 16:07

Instrument :
BNA_P
ClientSampleId :
EW912

Tgt Ion:278 Resp: 244150
Ion Ratio Lower Upper
278 100
139 0.0 12.9 19.3#
279 26.5 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 10.923 ng/ul
RT: 27.851 min Scan# 4159
Delta R.T. 0.006 min
Lab File: BP014954.D
Acq: 04 May 2023 16:07

Tgt Ion:276 Resp: 861041
Ion Ratio Lower Upper
276 100
138 20.9 18.0 27.0
277 23.7 19.8 29.8

