

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014951.D
 Acq On : 04 May 2023 14:26
 Operator : CG/JU
 Sample : 02447-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW938

Quant Time: May 04 22:43:09 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	245885	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	920500	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	530180	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1135709	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1042999	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1252649	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	9139	1.382	ng/uL	0.00
4) Pyridine-d5	3.893	84	796	0.044	ng/ul	0.00
7) Phenol-d5	7.311	99	119117	5.588	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	105606	8.015	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	94980	6.059	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	74309	4.523	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	60251	9.203	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	42338	6.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	62918	4.767	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	59051	3.093	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	362099	9.650	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	467063	10.379	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	4903	0.751	ng/ul	0.00
60) Fluorene-d10	15.798	176	349512	10.827	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	2877	0.450	ng/ul	0.00
73) Anthracene-d10	17.663	188	560307	10.980	ng/ul	0.00
81) Pyrene-d10	19.886	212	685280	9.742	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	695754	11.399	ng/ul	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.293	77	6942	1.191	ng/ul#	81
8) Phenol	7.340	94	40056	1.790	ng/ul	97
16) Acetophenone	8.999	105	98426	3.664	ng/ul	99
50) Acenaphthylene	14.534	152	57241	1.122	ng/ul	97
72) Phenanthrene	17.610	178	691381	11.019	ng/ul	98
74) Anthracene	17.698	178	178004	2.850	ng/ul	97
77) Carbazole	17.963	167	67543	1.286	ng/ul	94
78) Di-n-butylphthalate	18.492	149	287981	4.902	ng/ul	98
80) Fluoranthene	19.557	202	1527004	17.690	ng/ul	99
82) Pyrene	19.910	202	1465216	16.022	ng/ul	100
83) Butylbenzylphthalate	20.763	149	275861	10.047	ng/ul	99
85) Benzo(a)anthracene	21.627	228	955838	13.730	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	6249084	180.881	ng/ul#	98
87) Chrysene	21.686	228	1048502	14.958	ng/ul	98
89) Di-n-octyl phthalate	22.521	149	390336	5.337	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1698653	20.982	ng/ul#	96
91) Benzo(k)fluoranthene	23.451	252	1698653	20.617	ng/ul	97
93) Benzo(a)pyrene	24.139	252	1077214	15.172	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.009	276	1020528	11.784	ng/ul	97
95) Dibenzo(a,h)anthracene	27.021	278	261927	3.690	ng/ul#	92
96) Benzo(g,h,i)perylene	27.862	276	1026509	13.926	ng/ul	99

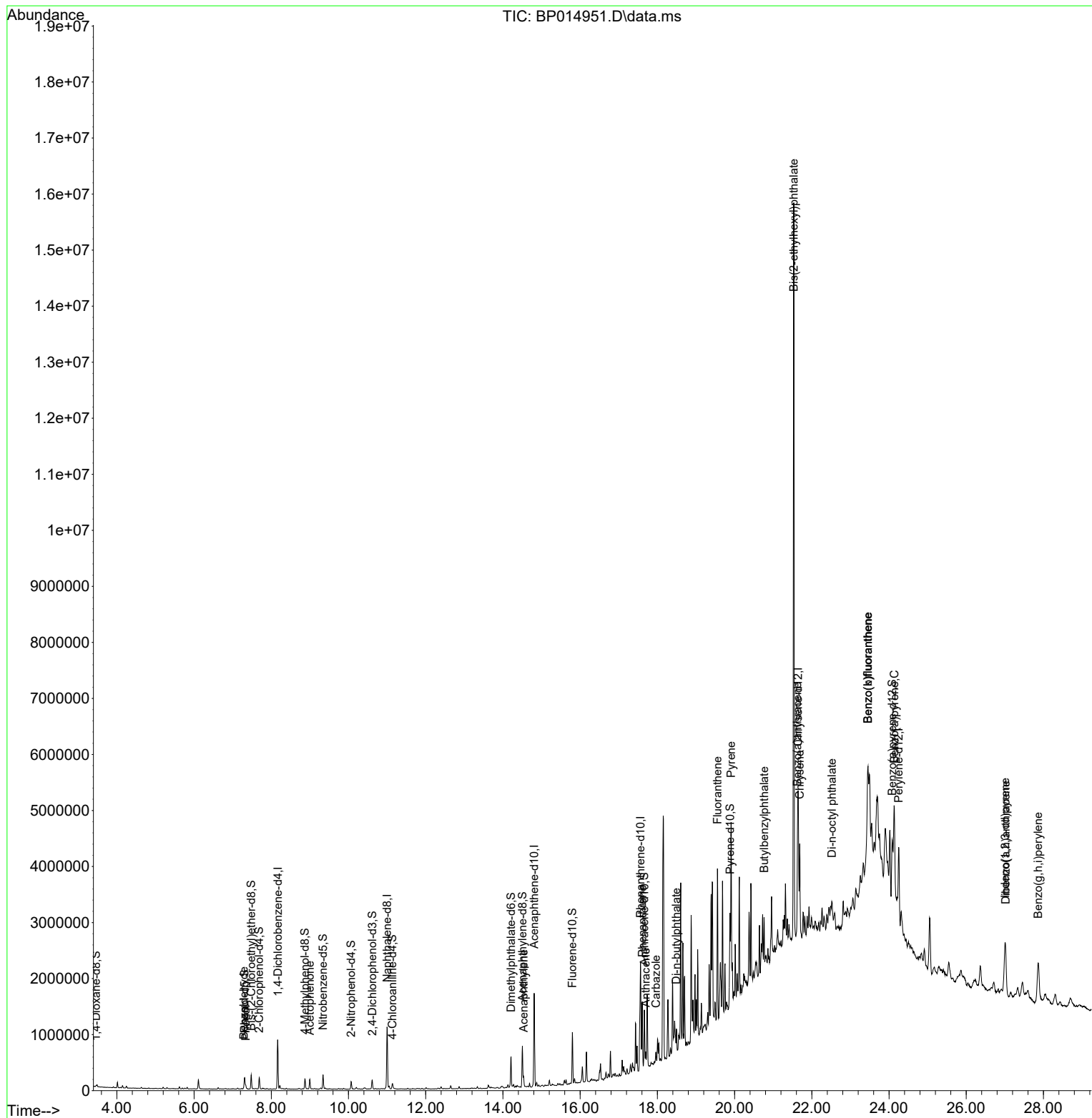
(#) = qualifier out of range (m) = manual integration (+) = signals summed

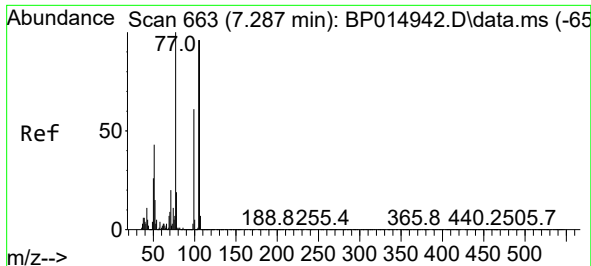
Instrument :
BNA_P
ClientSampleId :
EW938

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014951.D
 Acq On : 04 May 2023 14:26
 Operator : CG/JU
 Sample : 02447-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW938

Quant Time: May 04 22:43:09 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

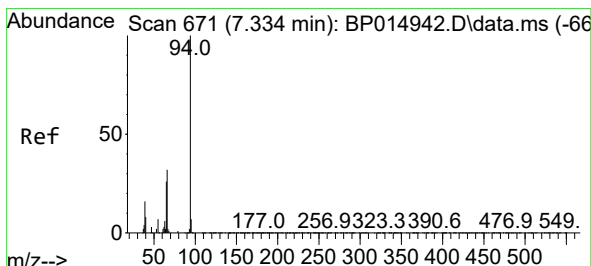
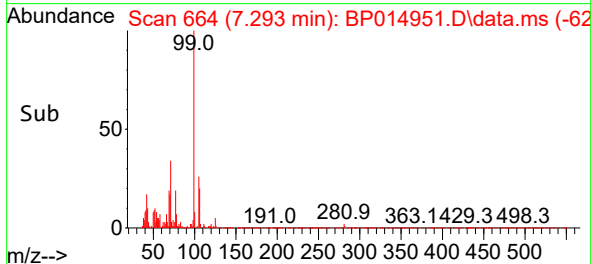
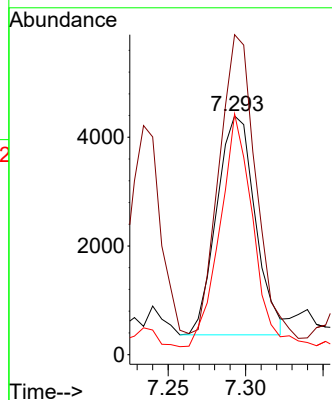
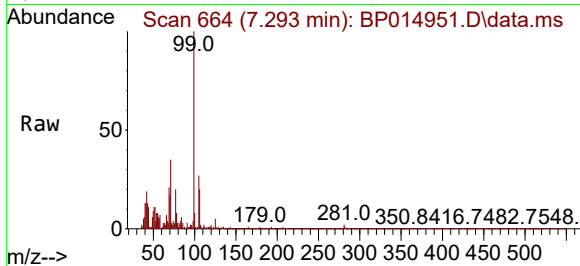




#6
Benzaldehyde
Concen: 1.191 ng/ul
RT: 7.293 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

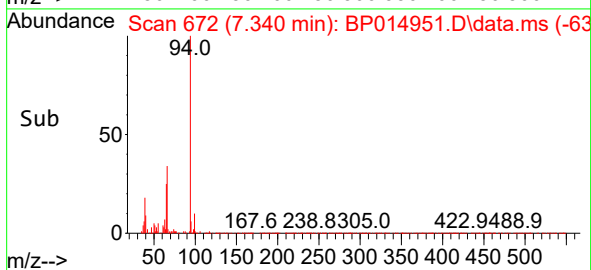
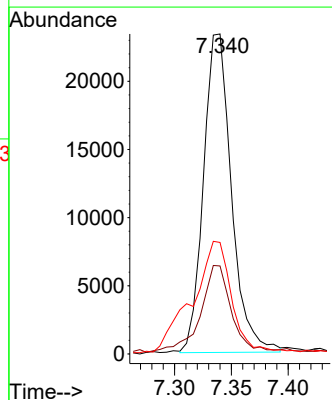
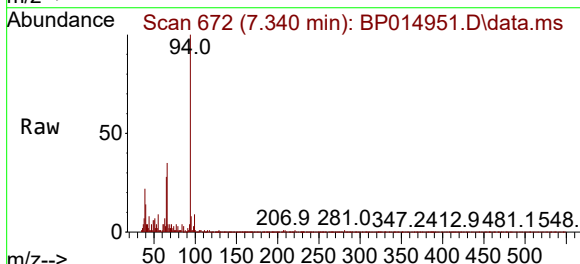
Instrument :
BNA_P
ClientSampleId :
EW938

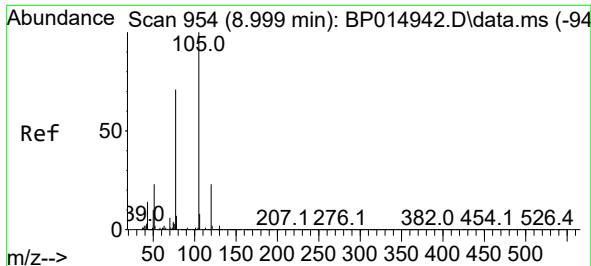
Tgt Ion: 77 Resp: 6942
Ion Ratio Lower Upper
77 100
105 134.1 80.7 121.1#
106 100.9 77.6 116.4



#8
Phenol
Concen: 1.790 ng/ul
RT: 7.340 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Tgt Ion: 94 Resp: 40056
Ion Ratio Lower Upper
94 100
65 27.5 21.4 32.0
66 34.9 25.8 38.8

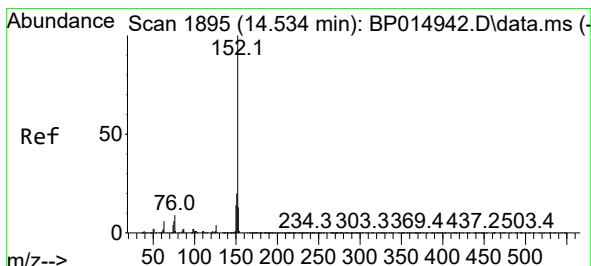
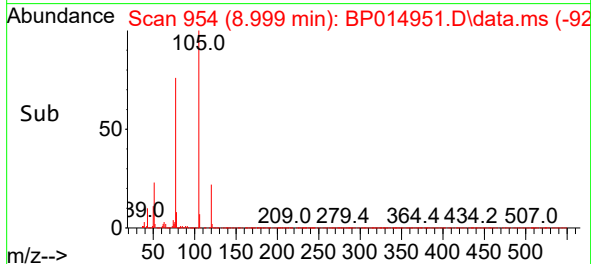
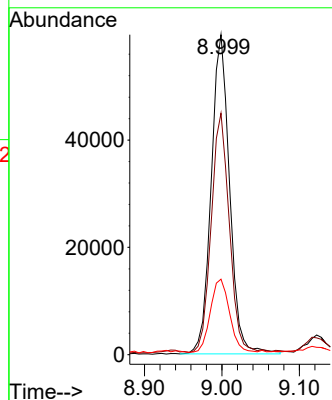
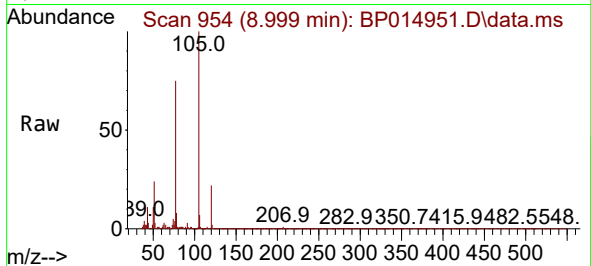




#16
Acetophenone
Concen: 3.664 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

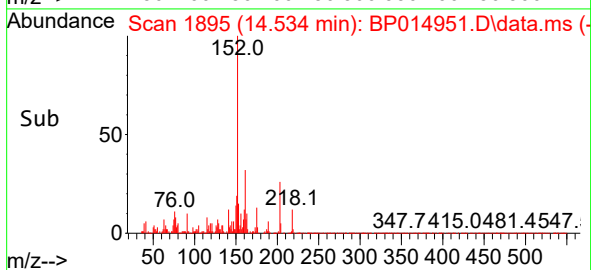
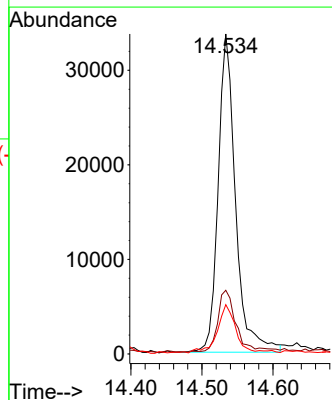
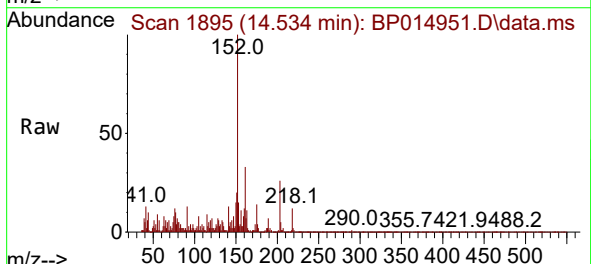
Instrument :
BNA_P
ClientSampleId :
EW938

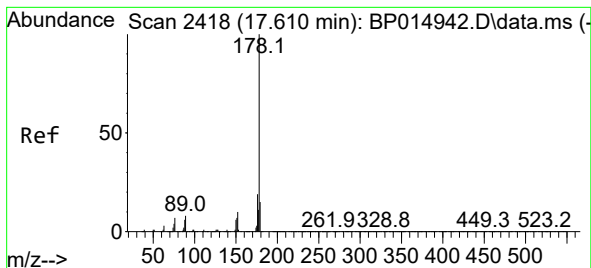
Tgt Ion:105 Resp: 98426
Ion Ratio Lower Upper
105 100
77 75.5 61.2 91.8
51 23.6 19.4 29.2



#50
Acenaphthylene
Concen: 1.122 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Tgt Ion:152 Resp: 57241
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 15.4 10.4 15.6





#72

Phenanthrene

Concen: 11.019 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938

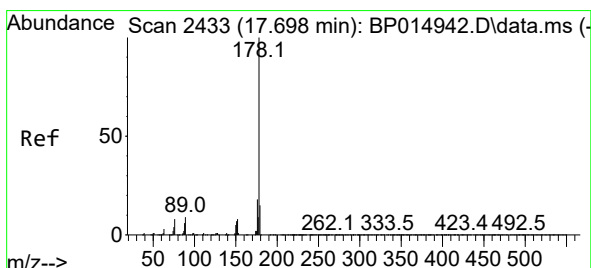
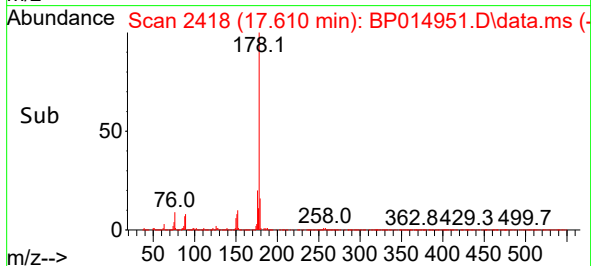
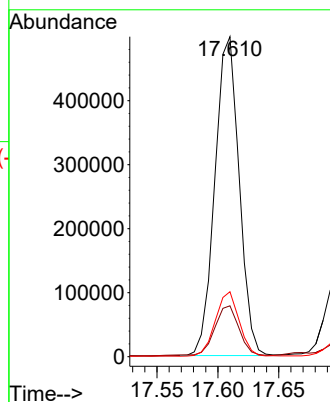
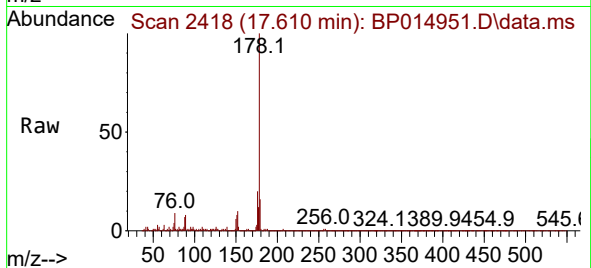
Tgt Ion:178 Resp: 691381

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 20.3 15.4 23.0



#74

Anthracene

Concen: 2.850 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

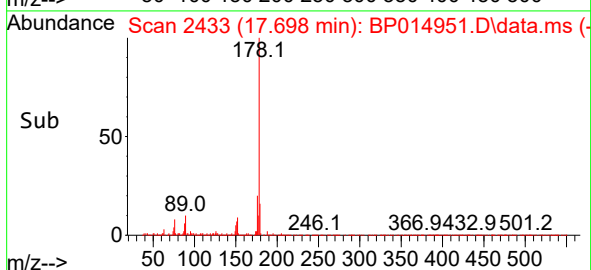
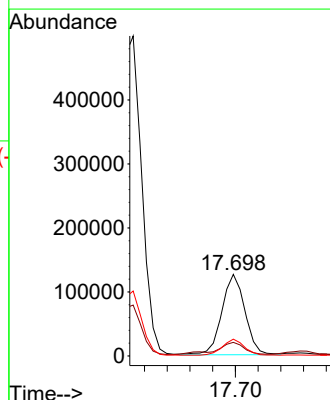
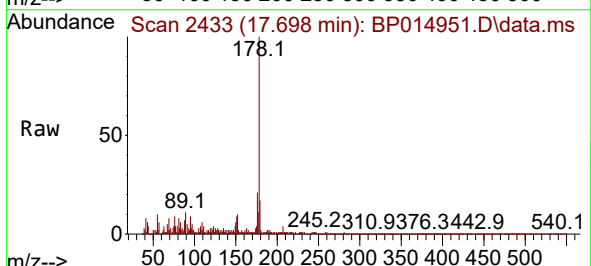
Tgt Ion:178 Resp: 178004

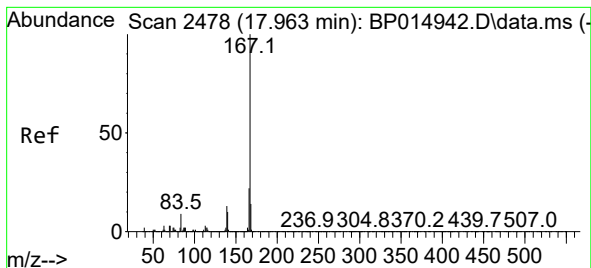
Ion Ratio Lower Upper

178 100

179 16.8 12.6 18.8

176 20.6 15.0 22.4





#77

Carbazole

Concen: 1.286 ng/ul

RT: 17.963 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938

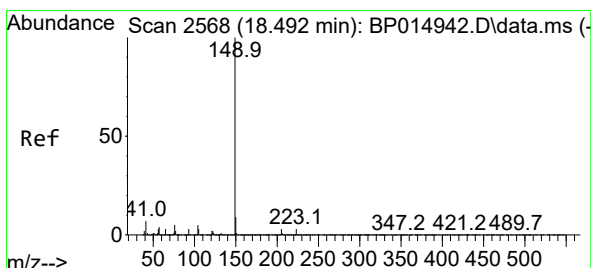
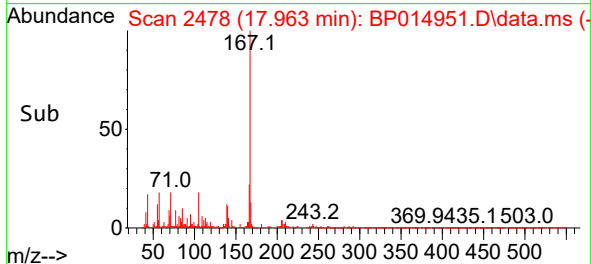
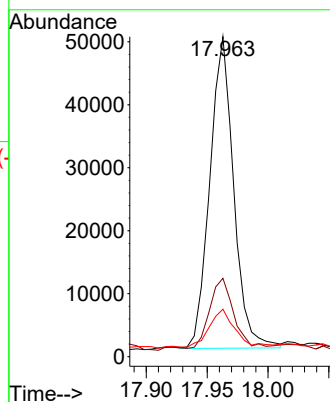
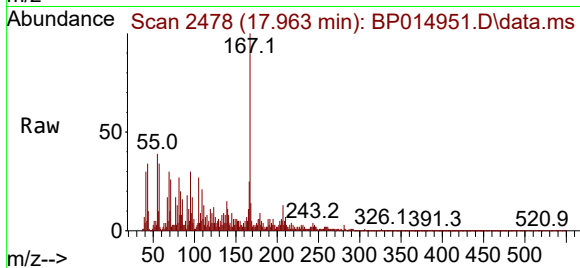
Tgt Ion:167 Resp: 67543

Ion Ratio Lower Upper

167 100

166 24.5 17.1 25.7

139 14.9 10.1 15.1



#78

Di-n-butylphthalate

Concen: 4.902 ng/ul

RT: 18.492 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

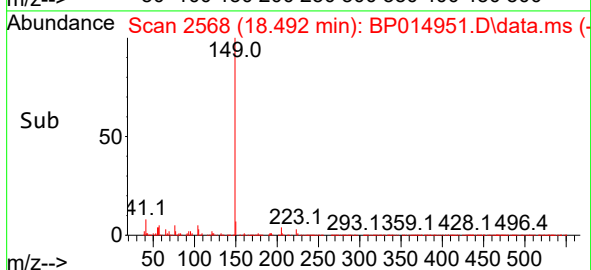
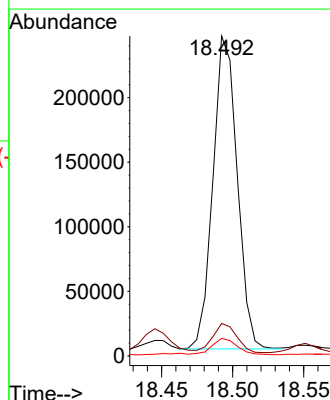
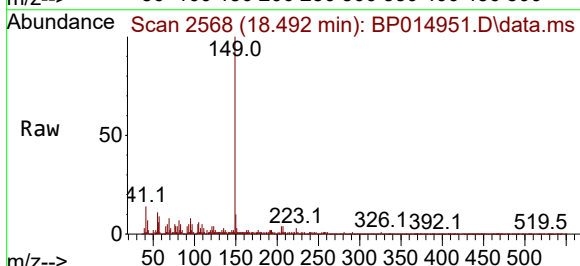
Tgt Ion:149 Resp: 287981

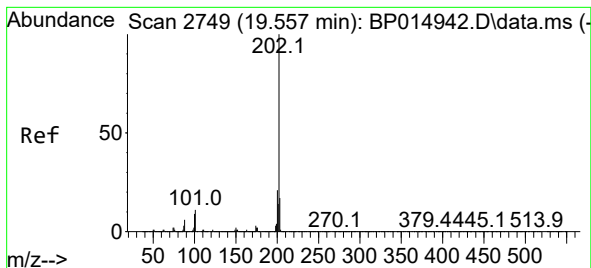
Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

104 5.5 4.1 6.1





#80

Fluoranthene

Concen: 17.690 ng/ul

RT: 19.557 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938

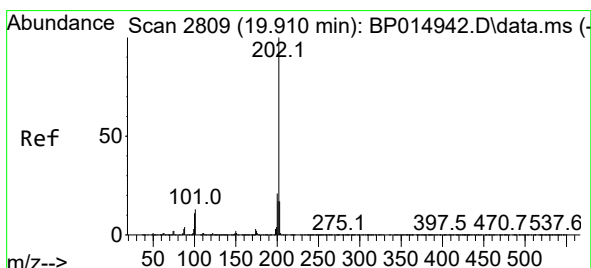
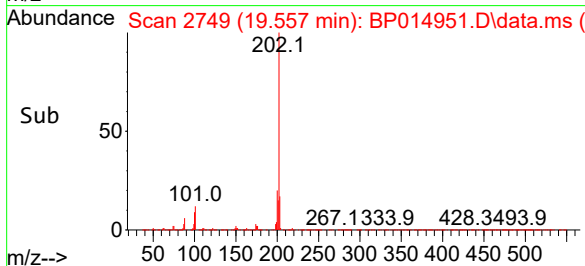
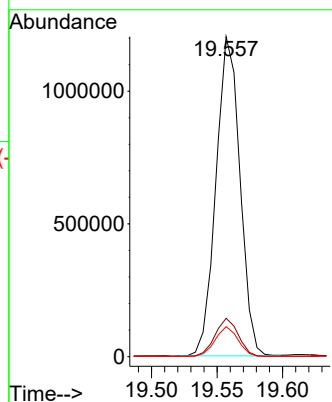
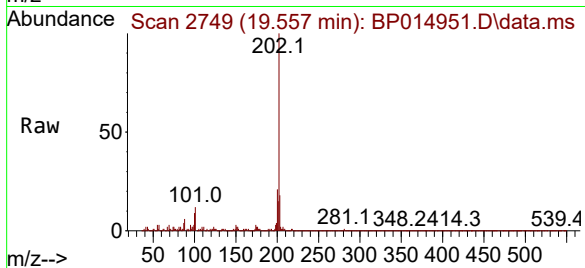
Tgt Ion:202 Resp: 1527004

Ion Ratio Lower Upper

202 100

101 12.0 10.1 15.1

100 9.4 7.7 11.5



#82

Pyrene

Concen: 16.022 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

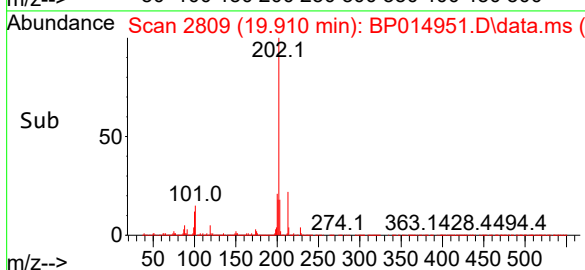
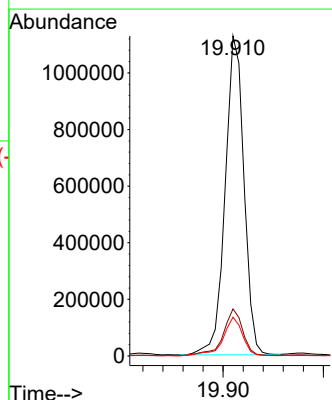
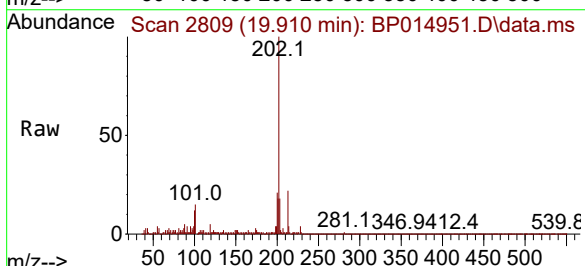
Tgt Ion:202 Resp: 1465216

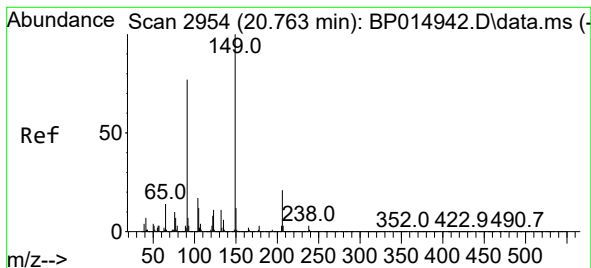
Ion Ratio Lower Upper

202 100

101 14.7 11.9 17.9

100 12.1 9.7 14.5





#83

Butylbenzylphthalate

Concen: 10.047 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938

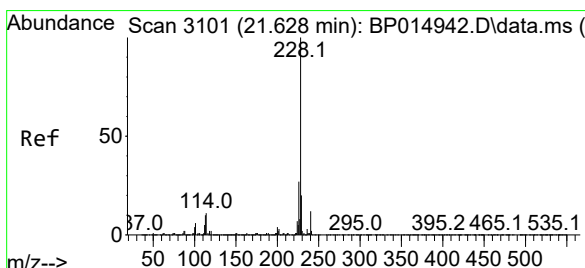
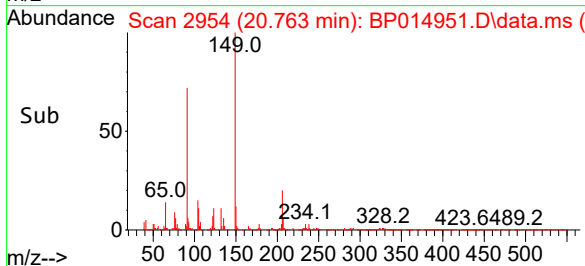
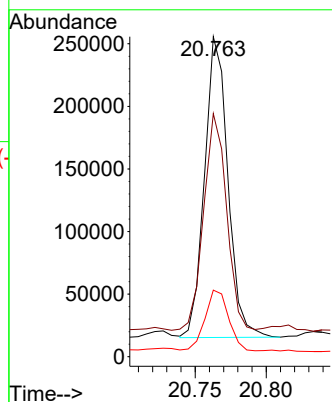
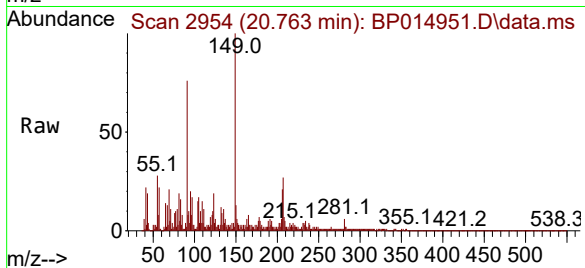
Tgt Ion:149 Resp: 275861

Ion Ratio Lower Upper

149 100

91 75.9 60.1 90.1

206 20.8 16.0 24.0



#85

Benzo(a)anthracene

Concen: 13.730 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

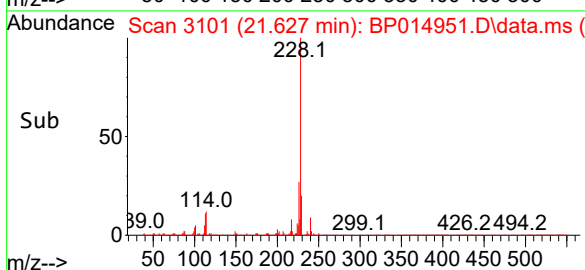
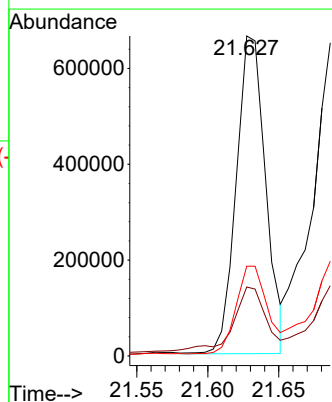
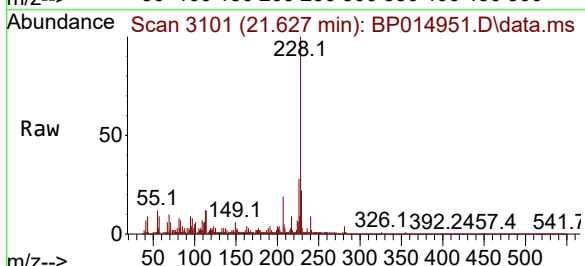
Tgt Ion:228 Resp: 955838

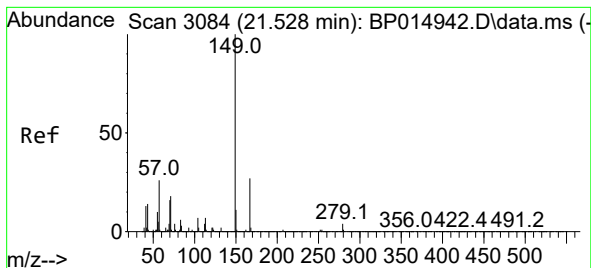
Ion Ratio Lower Upper

228 100

229 21.5 15.9 23.9

226 28.0 22.1 33.1

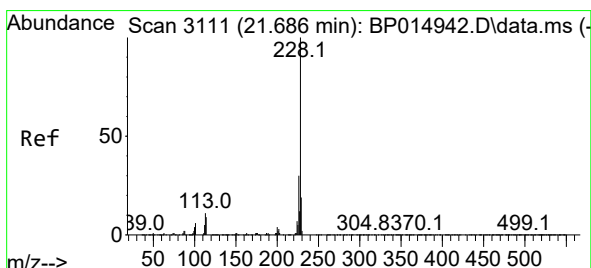
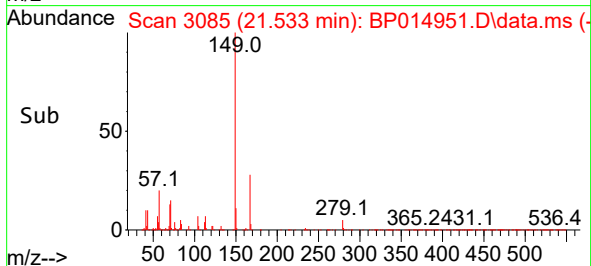
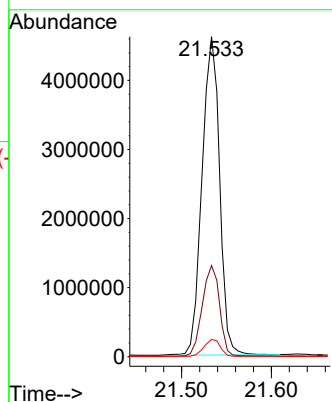
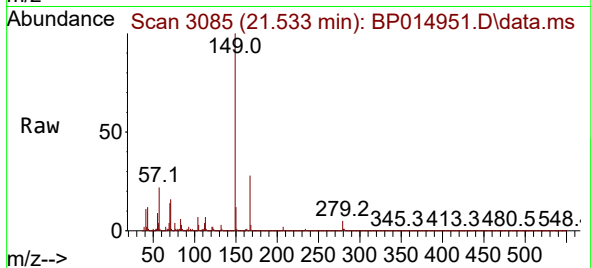




#86
Bis(2-ethylhexyl)phthalate
Concen: 180.881 ng/ul
RT: 21.533 min Scan# 3084
Delta R.T. 0.006 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

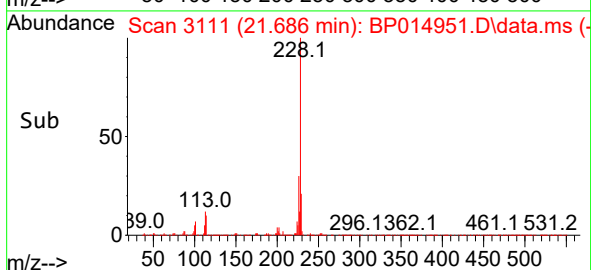
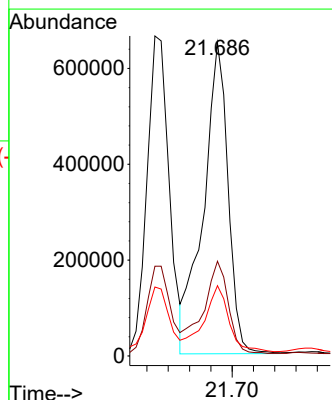
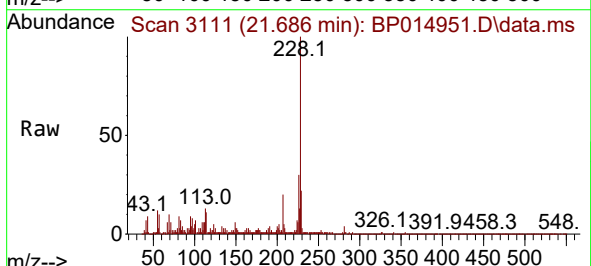
Instrument :
BNA_P
ClientSampleId :
EW938

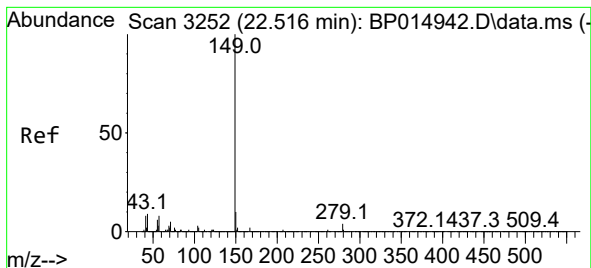
Tgt Ion:149 Resp: 6249084
Ion Ratio Lower Upper
149 100
167 28.5 22.0 33.0
279 5.4 2.9 4.3#



#87
Chrysene
Concen: 14.958 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Tgt Ion:228 Resp: 1048502
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.4 15.8 23.8





#89

Di-n-octyl phthalate

Concen: 5.337 ng/ul

RT: 22.521 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

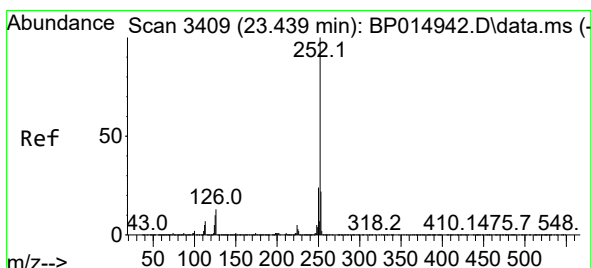
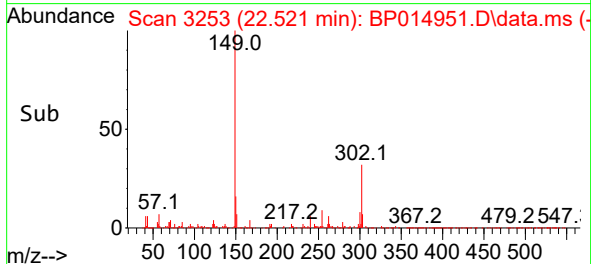
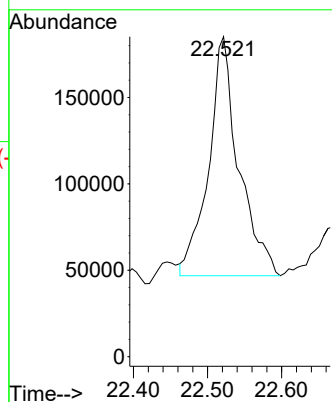
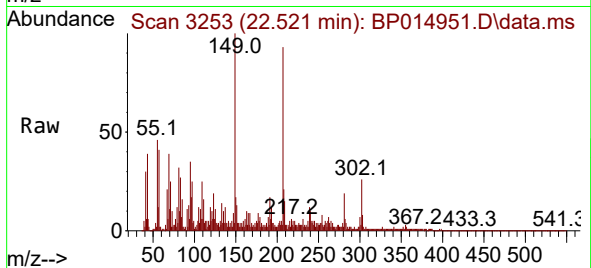
Instrument :

BNA_P

ClientSampleId :

EW938

Tgt Ion:149 Resp: 390336



#90

Benzo(b)fluoranthene

Concen: 20.982 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. 0.012 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

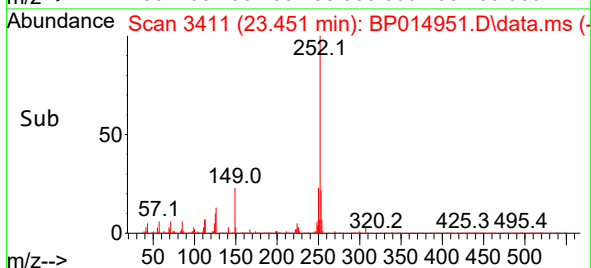
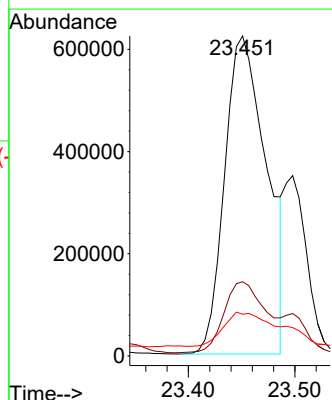
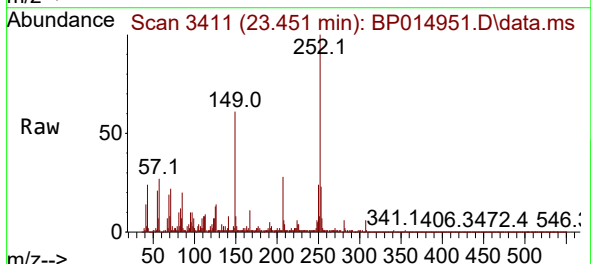
Tgt Ion:252 Resp: 1698653

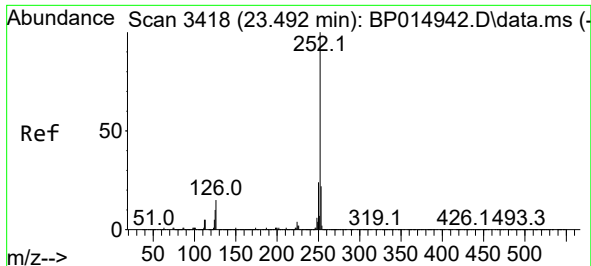
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 13.1 8.4 12.6#

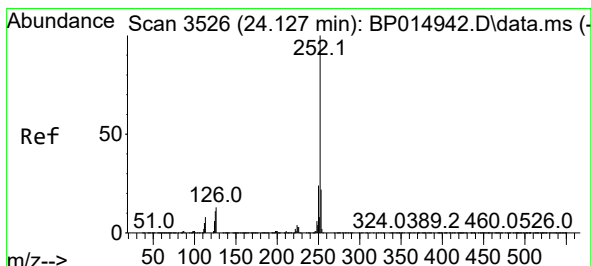
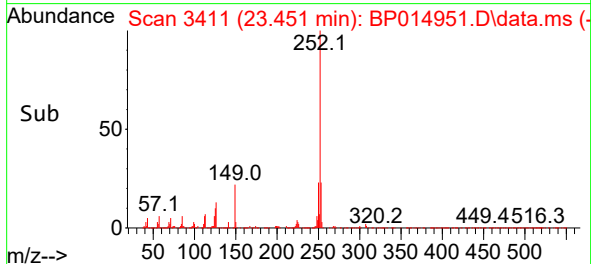
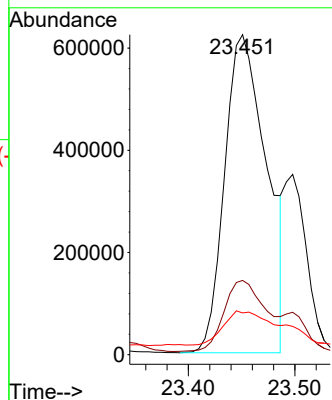
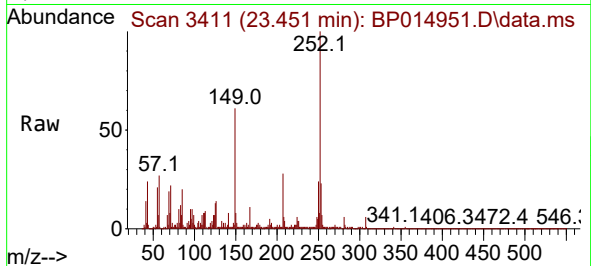




#91
Benzo(k)fluoranthene
Concen: 20.617 ng/ul
RT: 23.451 min Scan# 3418
Delta R.T. -0.041 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

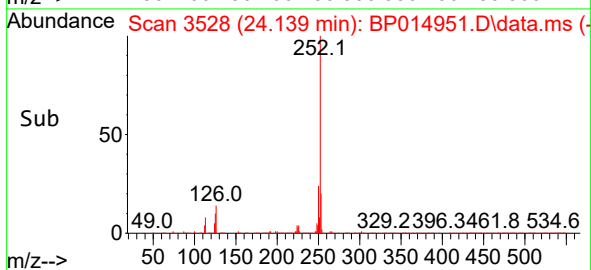
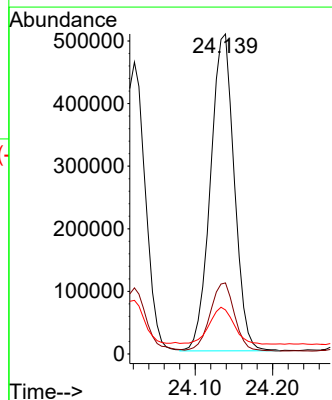
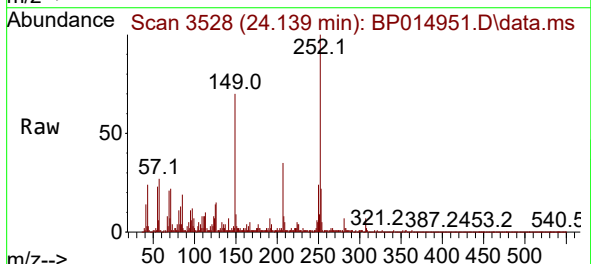
Instrument :
BNA_P
ClientSampleId :
EW938

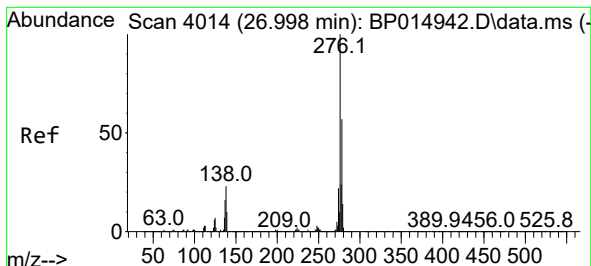
Tgt Ion:252 Resp: 1698653
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 13.1 8.9 13.3



#93
Benzo(a)pyrene
Concen: 15.172 ng/ul
RT: 24.139 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP014951.D
Acq: 04 May 2023 14:26

Tgt Ion:252 Resp: 1077214
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.8 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.784 ng/ul

RT: 27.009 min Scan# 4016

Delta R.T. 0.012 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938

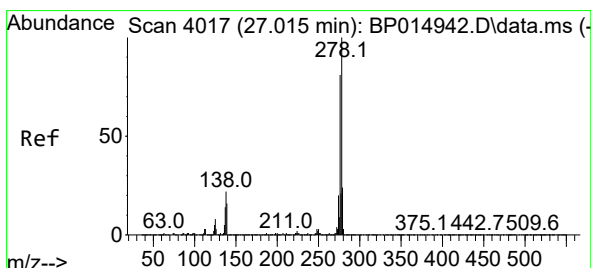
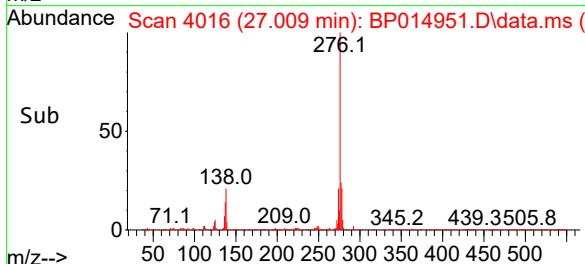
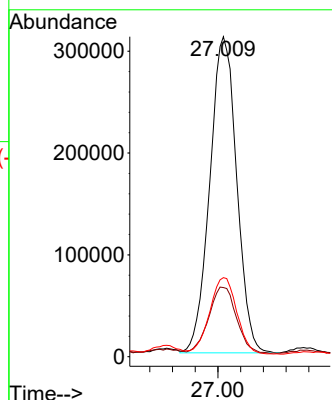
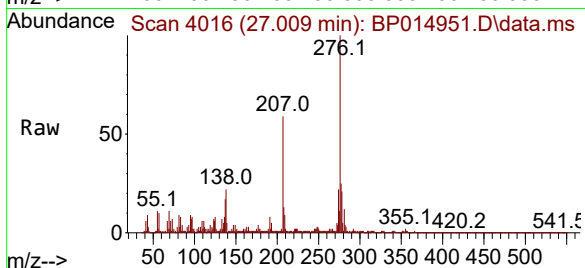
Tgt Ion:276 Resp: 1020528

Ion Ratio Lower Upper

276 100

138 21.6 19.4 29.0

277 24.7 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 3.690 ng/ul

RT: 27.021 min Scan# 4018

Delta R.T. 0.006 min

Lab File: BP014951.D

Acq: 04 May 2023 14:26

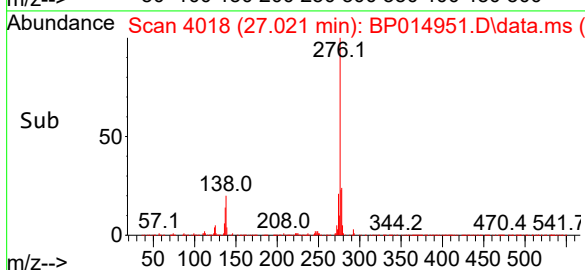
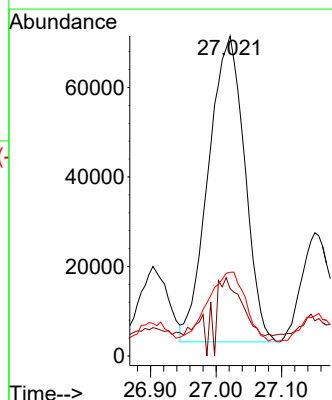
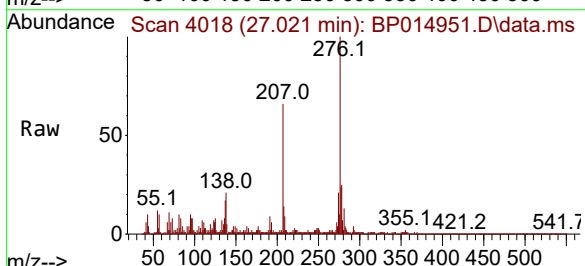
Tgt Ion:278 Resp: 261927

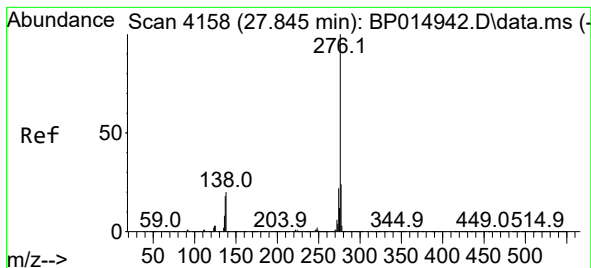
Ion Ratio Lower Upper

278 100

139 21.0 12.9 19.3#

279 26.2 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 13.926 ng/ul

RT: 27.862 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP014951.D

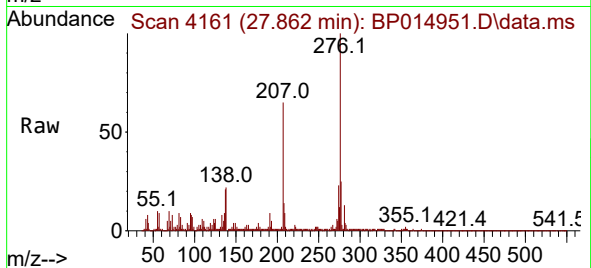
Acq: 04 May 2023 14:26

Instrument :

BNA_P

ClientSampleId :

EW938



Tgt Ion:276 Resp: 1026509

Ion Ratio Lower Upper

276 100

138 21.7 18.0 27.0

277 24.6 19.8 29.8

