

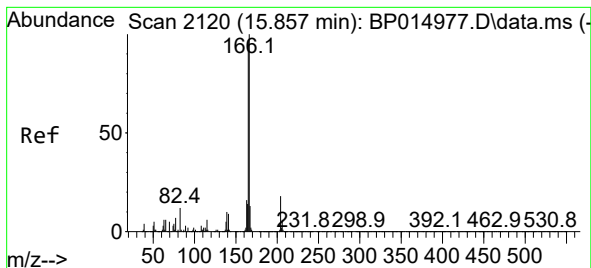
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014982.D
 Acq On : 05 May 2023 14:15
 Operator : CG/JU
 Sample : 02479-02DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW943DL

Quant Time: May 05 22:31:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	348353	20.000	ng/ul	0.00
20) Naphthalene-d8	11.005	136	1588040	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	1012668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	2158454	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1671598	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1532428	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	103	0.011	ng/uL	0.11
4) Pyridine-d5	3.893	84	987	0.039	ng/ul	0.00
7) Phenol-d5	7.311	99	33954	1.124	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	22088	1.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	26865	1.210	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	24666	1.060	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	13508	1.196	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	13326	1.149	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	24842	1.091	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	16504	0.501	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	95356	1.330	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	108709	1.265	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	3238	0.260	ng/ul	0.00
60) Fluorene-d10	15.798	176	86726	1.406	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	4391	0.361	ng/ul	0.00
73) Anthracene-d10	17.663	188	136133	1.404	ng/ul	0.00
81) Pyrene-d10	19.881	212	148787	1.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	101722	1.362	ng/ul	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.857	166	92588	1.290	ng/ul	96
72) Phenanthrene	17.610	178	916918	7.689	ng/ul	100
74) Anthracene	17.698	178	258355	2.176	ng/ul	98
80) Fluoranthene	19.557	202	1316032	9.513	ng/ul	98
82) Pyrene	19.910	202	998319	6.811	ng/ul	98
83) Butylbenzylphthalate	20.763	149	165600	3.763	ng/ul	98
85) Benzo(a)anthracene	21.633	228	528069	4.733	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.528	149	1691721	30.553	ng/ul#	99
87) Chrysene	21.686	228	535043	4.763	ng/ul	96
89) Di-n-octyl phthalate	22.522	149	427156	4.774	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	490356	4.951	ng/ul#	96
91) Benzo(k)fluoranthene	23.451	252	490356	4.865	ng/ul	97
93) Benzo(a)pyrene	24.133	252	291018	3.351	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	27.004	276	173788	1.640	ng/ul	95
96) Benzo(g,h,i)perylene	27.862	276	147561	1.636	ng/ul	99

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



#61

Fluorene

Concen: 1.290 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Instrument :

BNA_P

ClientSampleId :

EW943DL

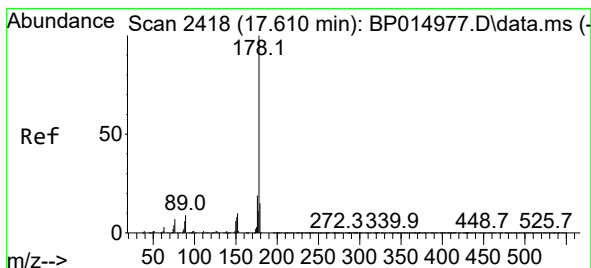
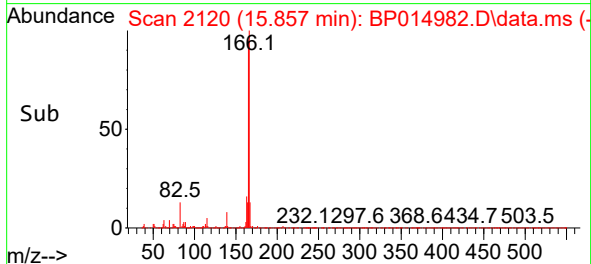
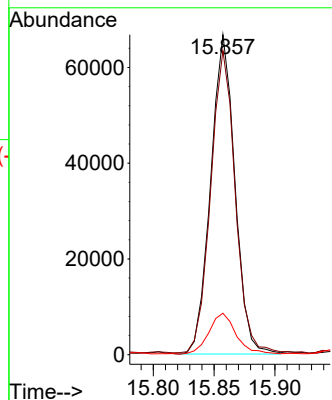
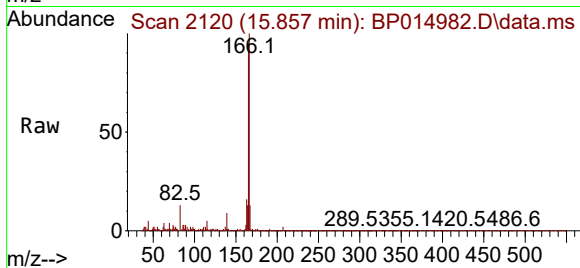
Tgt Ion:166 Resp: 92588

Ion Ratio Lower Upper

166 100

165 95.0 79.3 118.9

167 12.9 10.7 16.1



#72

Phenanthrene

Concen: 7.689 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

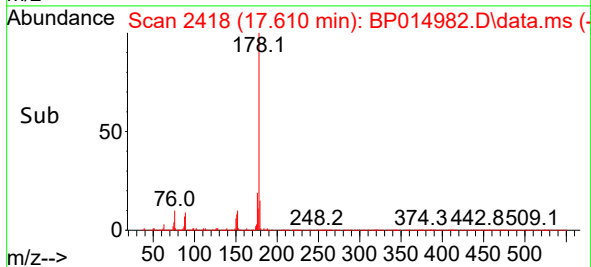
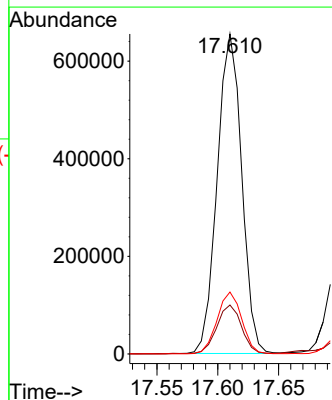
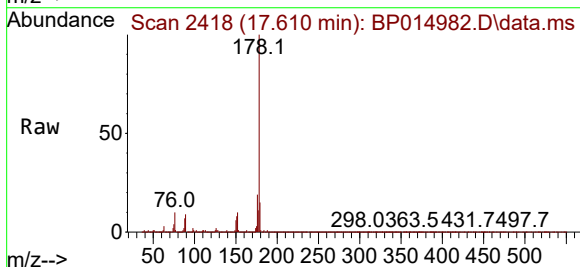
Tgt Ion:178 Resp: 916918

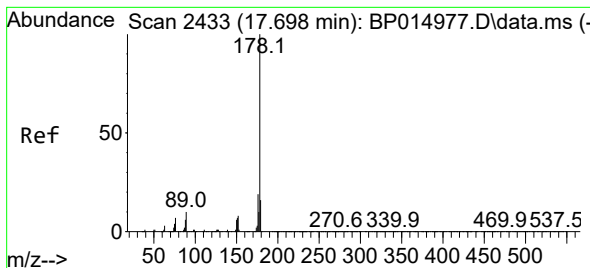
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.4 15.4 23.0





#74

Anthracene

Concen: 2.176 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Instrument :

BNA_P

ClientSampleId :

EW943DL

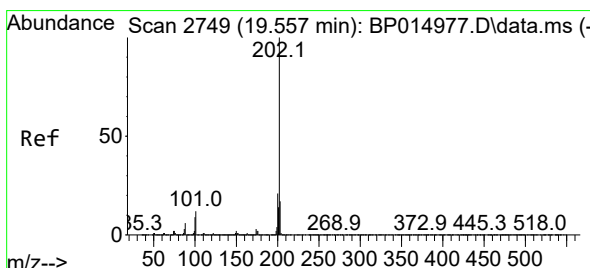
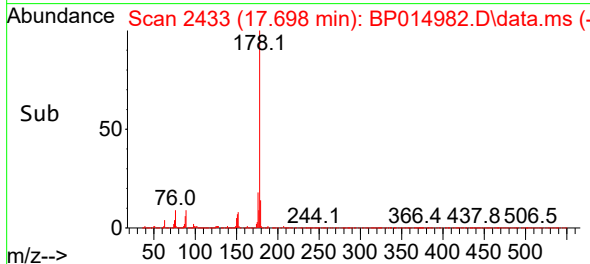
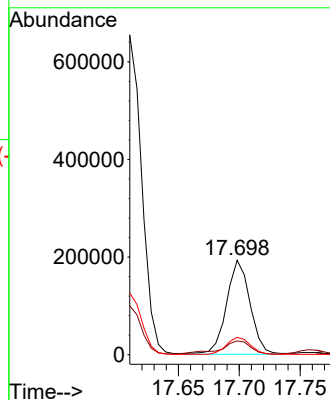
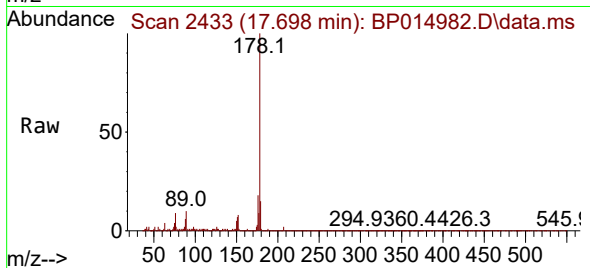
Tgt Ion:178 Resp: 258355

Ion Ratio Lower Upper

178 100

179 14.6 12.6 18.8

176 18.4 15.0 22.4



#80

Fluoranthene

Concen: 9.513 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

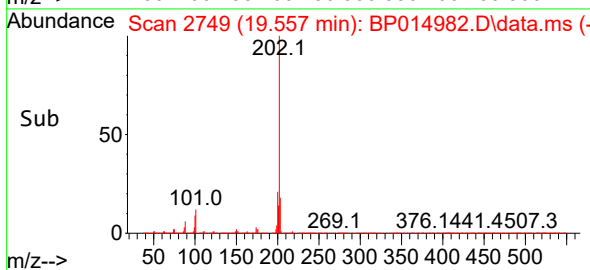
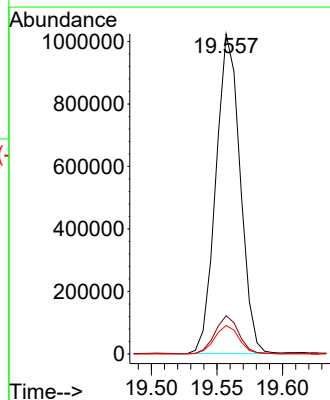
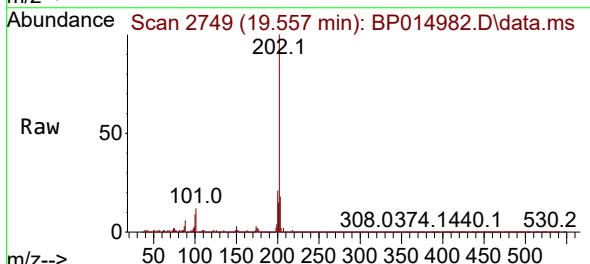
Tgt Ion:202 Resp: 1316032

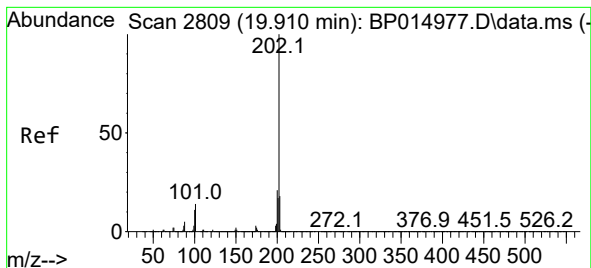
Ion Ratio Lower Upper

202 100

101 11.9 10.1 15.1

100 8.9 7.7 11.5





#82

Pyrene

Concen: 6.811 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Instrument :

BNA_P

ClientSampleId :

EW943DL

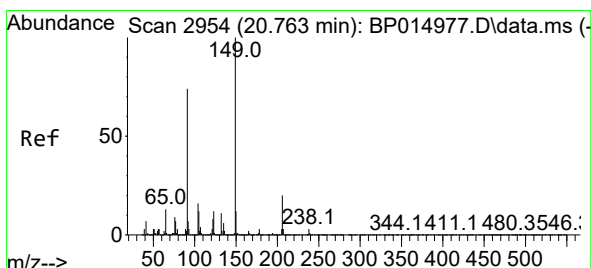
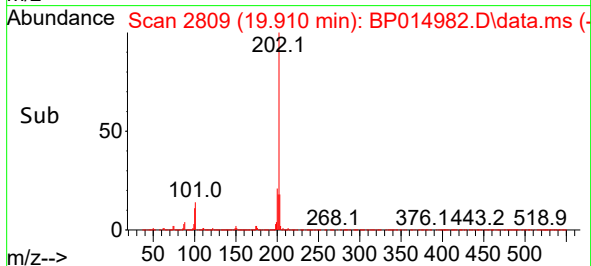
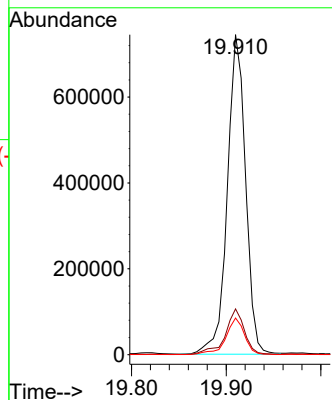
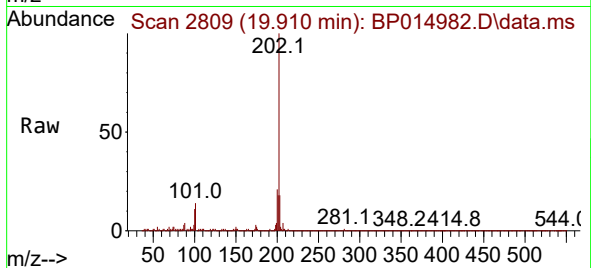
Tgt Ion:202 Resp: 998319

Ion Ratio Lower Upper

202 100

101 14.3 11.9 17.9

100 11.4 9.7 14.5



#83

Butylbenzylphthalate

Concen: 3.763 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

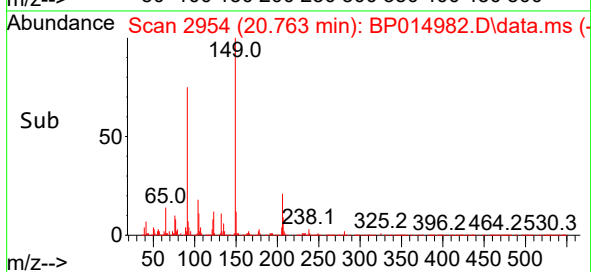
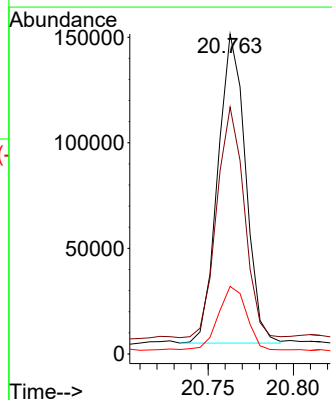
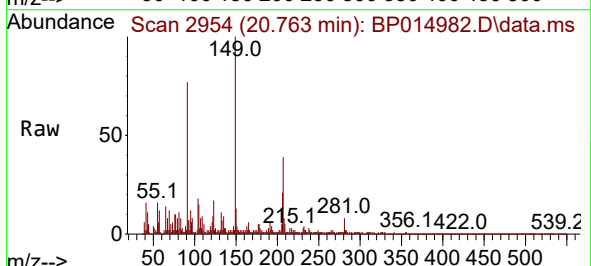
Tgt Ion:149 Resp: 165600

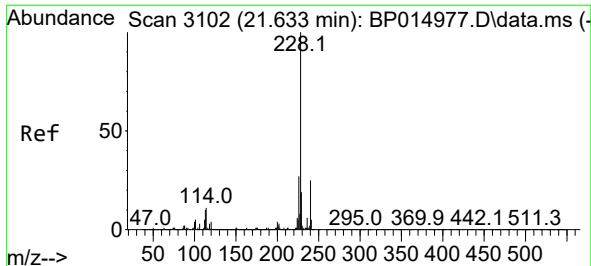
Ion Ratio Lower Upper

149 100

91 77.1 60.1 90.1

206 21.1 16.0 24.0

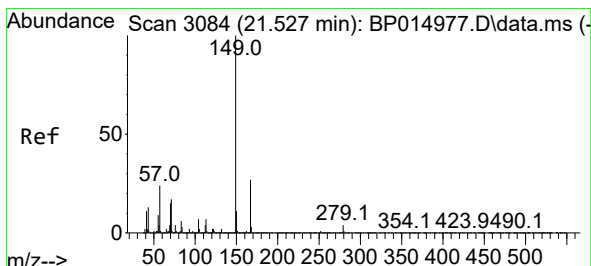
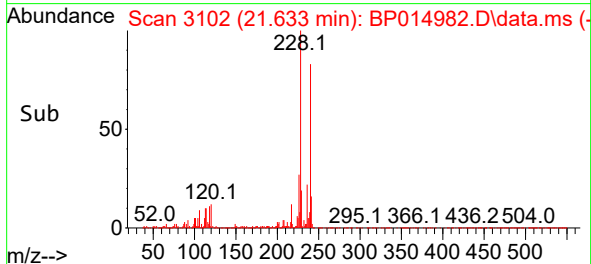
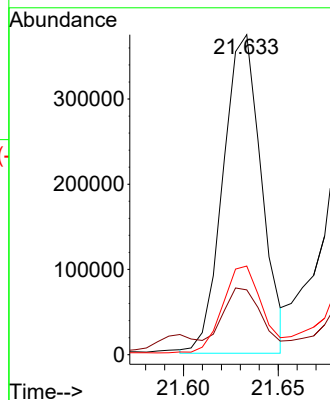
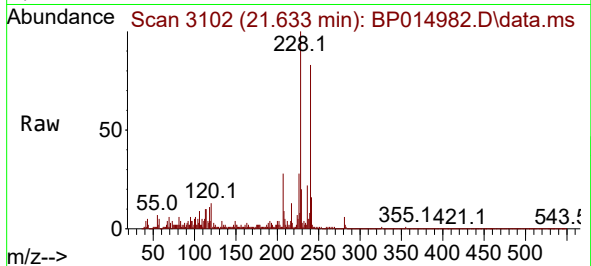




#85
Benzo(a)anthracene
Concen: 4.733 ng/ul
RT: 21.633 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

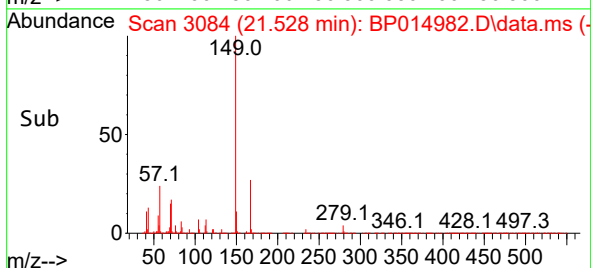
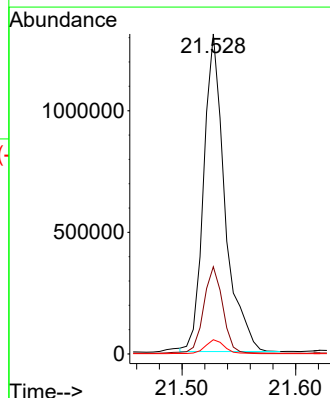
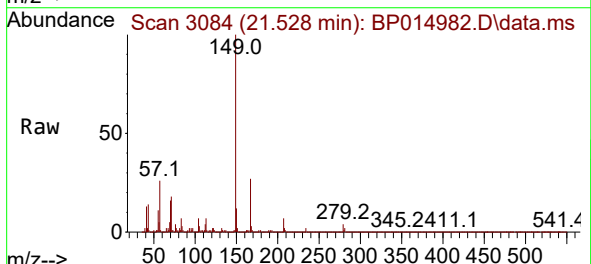
Instrument :
BNA_P
ClientSampleId :
EW943DL

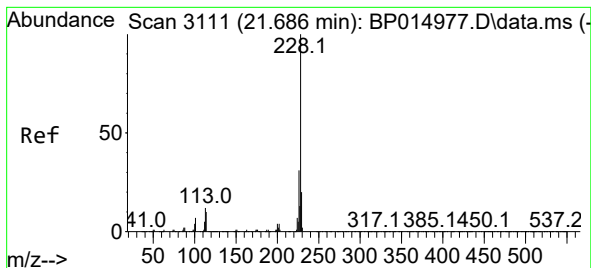
Tgt Ion:228 Resp: 528069
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.7 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 30.553 ng/ul
RT: 21.528 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Tgt Ion:149 Resp: 1691721
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 4.5 2.9 4.3#





#87

Chrysene

Concen: 4.763 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Instrument :

BNA_P

ClientSampleId :

EW943DL

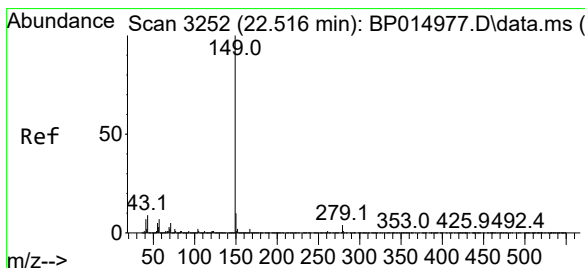
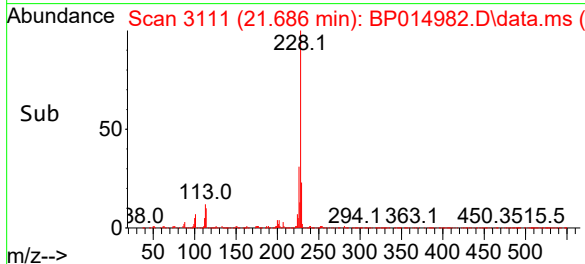
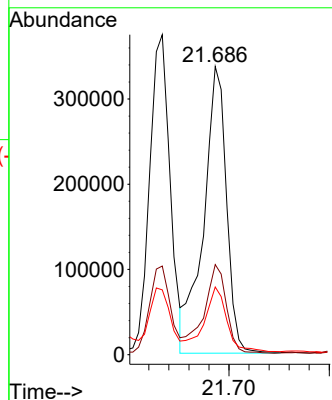
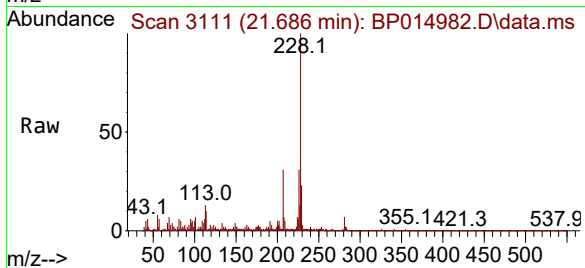
Tgt Ion:228 Resp: 535043

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 23.5 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 4.774 ng/ul

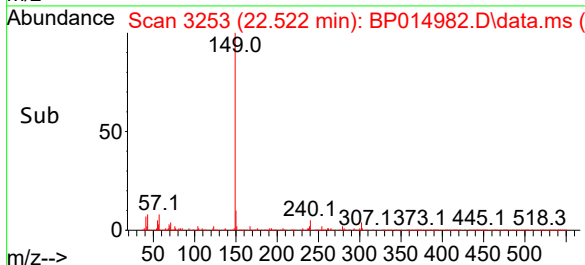
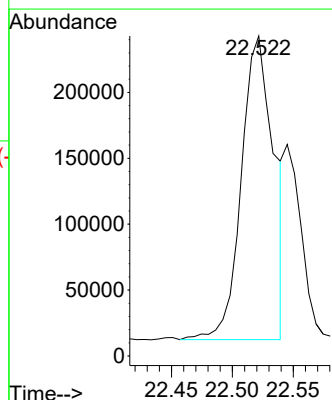
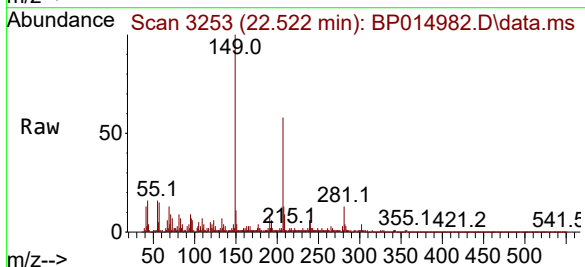
RT: 22.522 min Scan# 3253

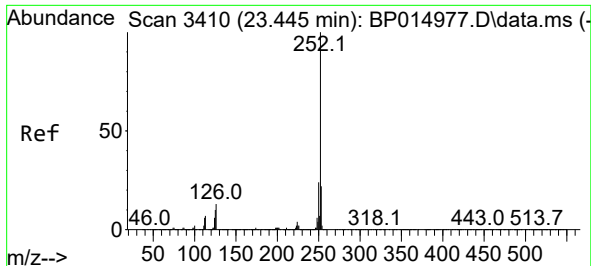
Delta R.T. 0.006 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Tgt Ion:149 Resp: 427156

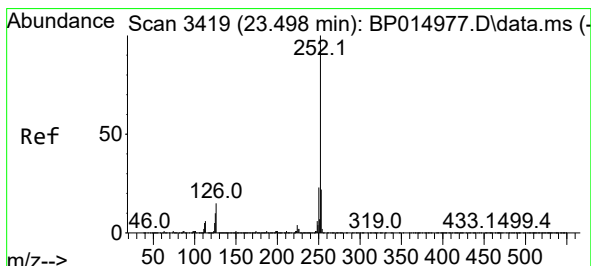
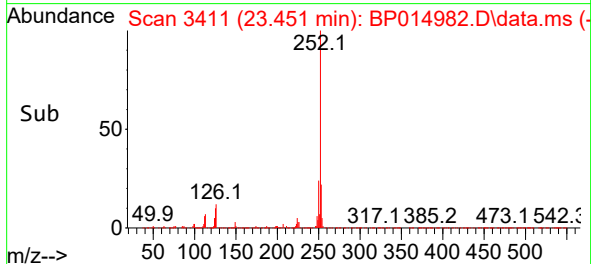
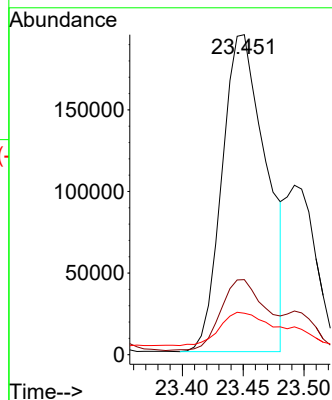
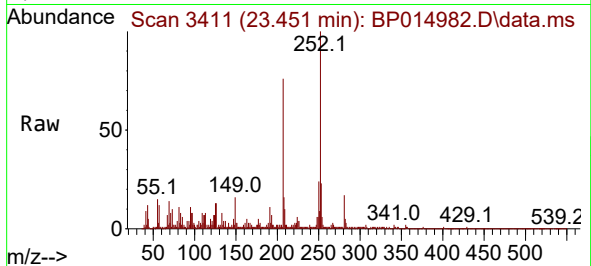




#90
Benzo(b)fluoranthene
Concen: 4.951 ng/ul
RT: 23.451 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

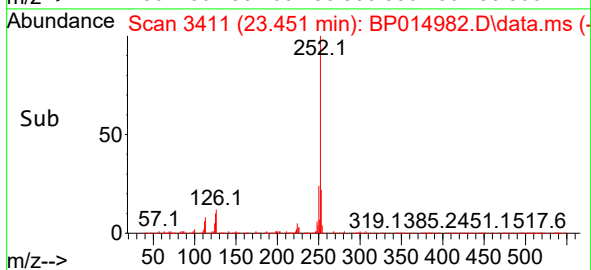
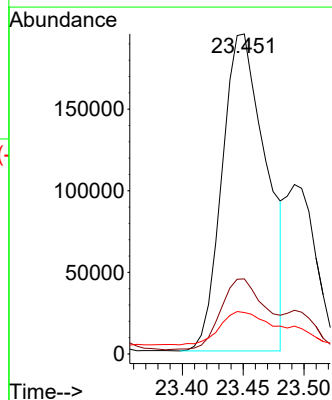
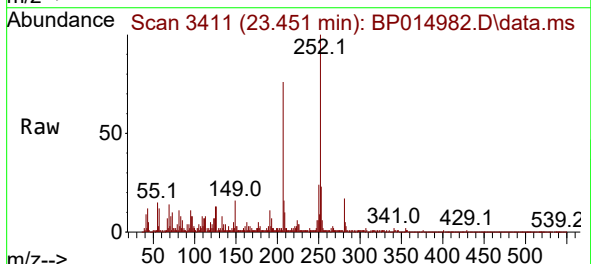
Instrument :
BNA_P
ClientSampleId :
EW943DL

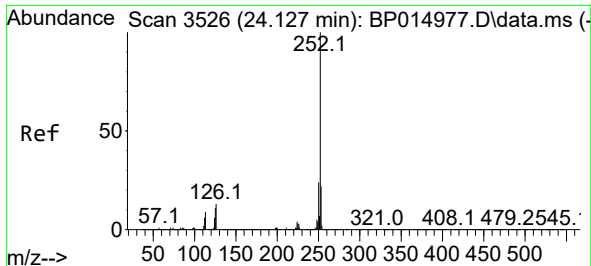
Tgt Ion:252 Resp: 490356
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 13.0 8.4 12.6#



#91
Benzo(k)fluoranthene
Concen: 4.865 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. -0.047 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Tgt Ion:252 Resp: 490356
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 13.0 8.9 13.3

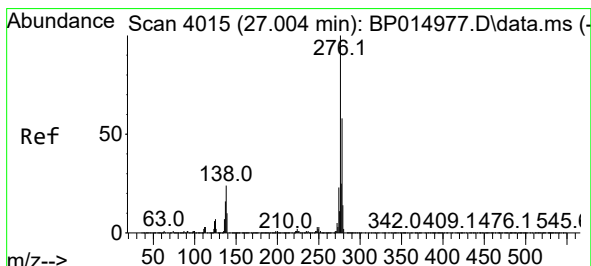
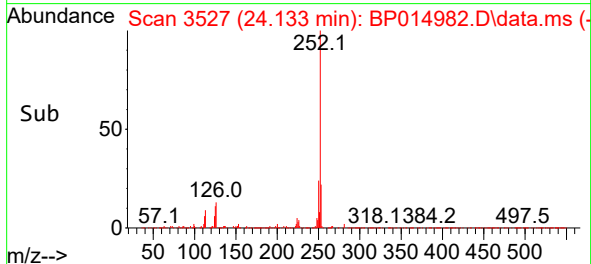
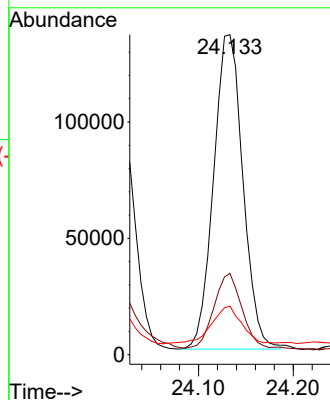
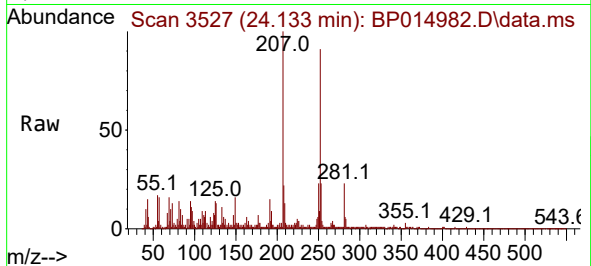




#93
Benzo(a)pyrene
Concen: 3.351 ng/ul
RT: 24.133 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

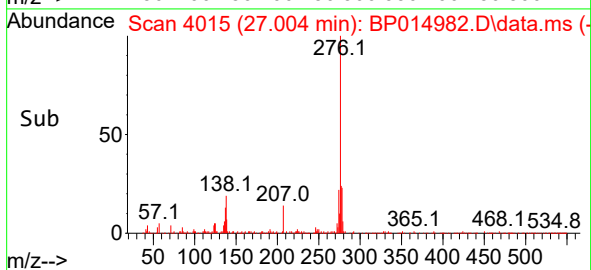
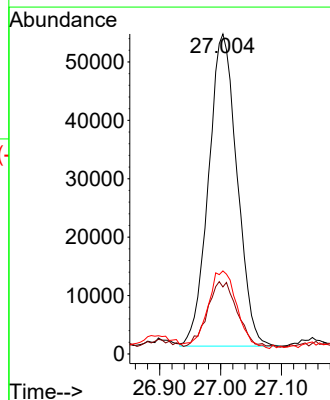
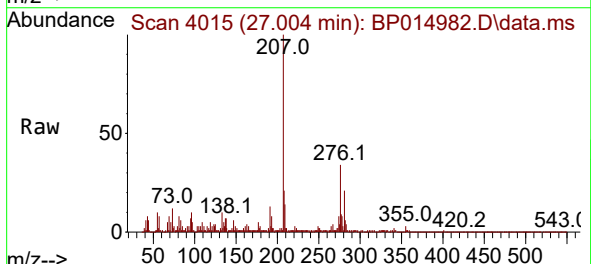
Instrument :
BNA_P
ClientSampleId :
EW943DL

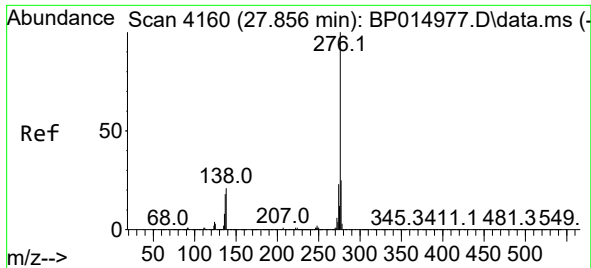
Tgt Ion:252 Resp: 291018
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 15.2 9.4 14.2#



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.640 ng/ul
RT: 27.004 min Scan# 4015
Delta R.T. 0.000 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Tgt Ion:276 Resp: 173788
Ion Ratio Lower Upper
276 100
138 27.6 19.4 29.0
277 26.0 19.4 29.2





#96
Benzo(g,h,i)perylene
Concen: 1.636 ng/ul
RT: 27.862 min Scan# 4161
Delta R.T. 0.006 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Instrument :
BNA_P
ClientSampleId :
EW943DL

Tgt Ion:276 Resp: 147561
Ion Ratio Lower Upper
276 100
138 22.2 18.0 27.0
277 25.8 19.8 29.8

