

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014863.D
 Acq On : 27 Apr 2023 03:49
 Operator : CG/JU
 Sample : 02447-21
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW939

Quant Time: Apr 27 04:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

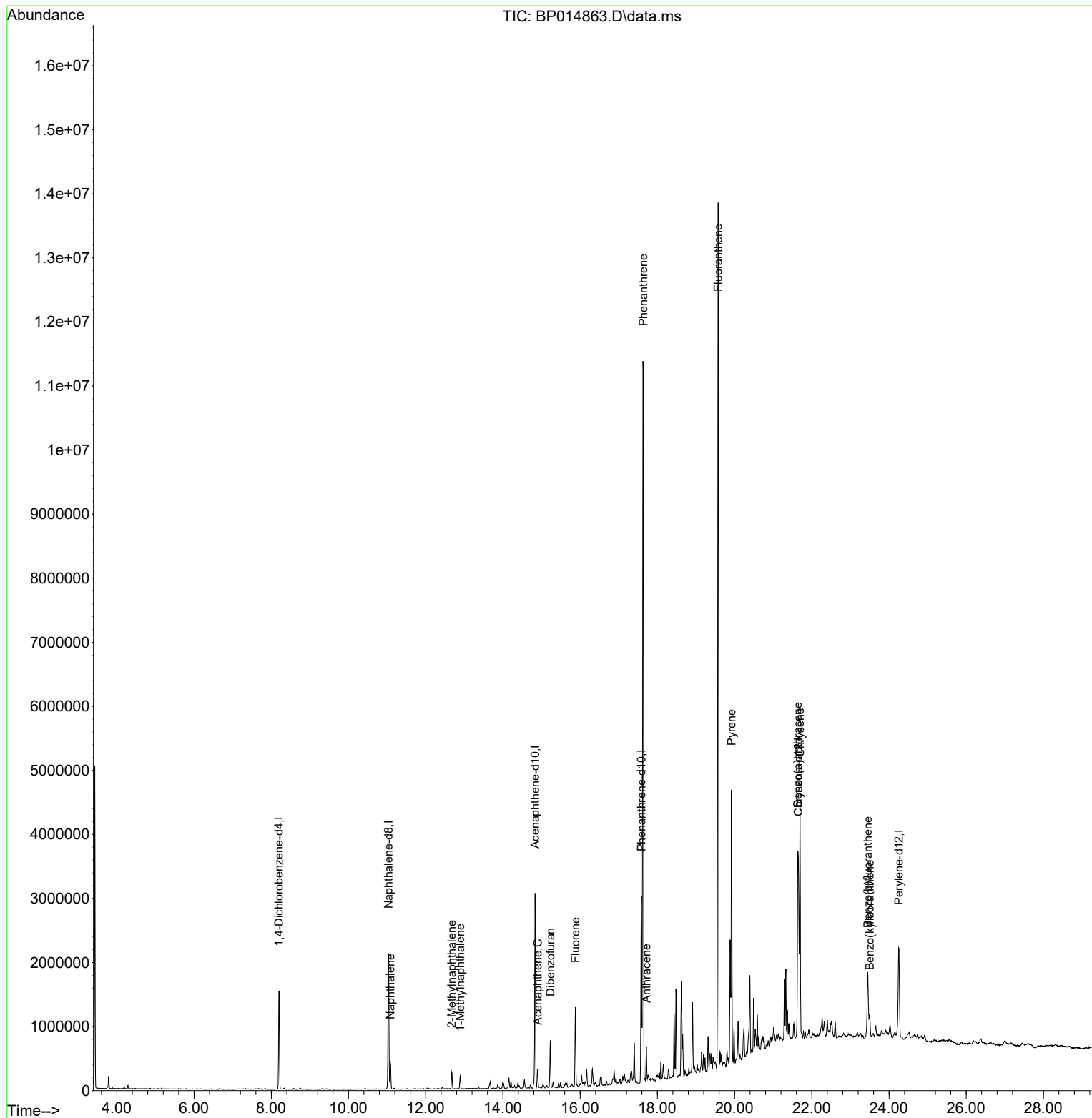
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	418166	20.000	ng/ul	0.00
20) Naphthalene-d8	11.033	136	1742131	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	1007975	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.586	188	1826721	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1026232	20.000	ng/ul	0.00
88) Perylene-d12	24.256	264	1203501	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul	
Target Compounds						
						Qvalue
30) Naphthalene	11.086	128	323216	3.354	ng/ul	99
36) 2-Methylnaphthalene	12.675	142	121263	1.853	ng/ul	99
37) 1-Methylnaphthalene	12.892	142	91134	1.397	ng/ul	97
52) Acenaphthene	14.898	153	115818	1.740	ng/ul	96
56) Dibenzofuran	15.227	168	390688	4.168	ng/ul	99
61) Fluorene	15.874	166	542243	7.333	ng/ul	100
72) Phenanthrene	17.633	178	7320727	73.181	ng/ul	99
74) Anthracene	17.715	178	330763	3.279	ng/ul	99
80) Fluoranthene	19.574	202	8542428	116.176	ng/ul	100
82) Pyrene	19.921	202	2546612	33.487	ng/ul	100
85) Benzo(a)anthracene	21.639	228	1422117	19.920	ng/ul	99
87) Chrysene	21.692	228	2250254	33.249	ng/ul	100
90) Benzo(b)fluoranthene	23.450	252	874097	10.605	ng/ul	97
91) Benzo(k)fluoranthene	23.497	252	246742	3.087	ng/ul	97

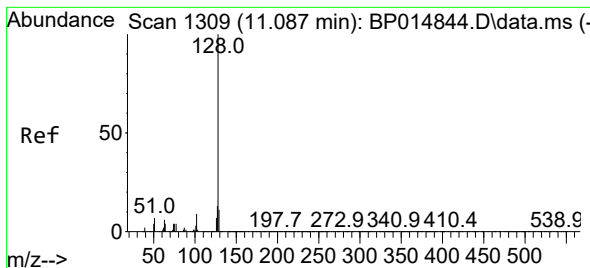
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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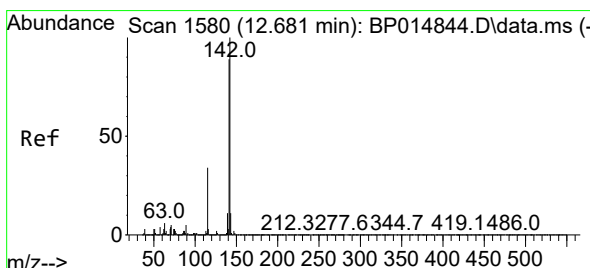
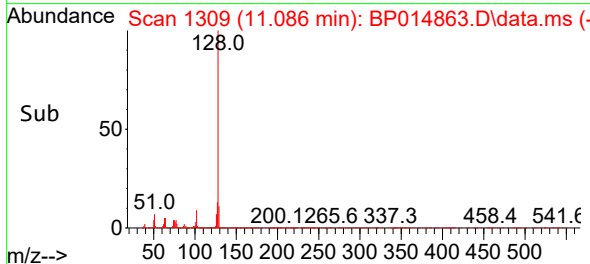
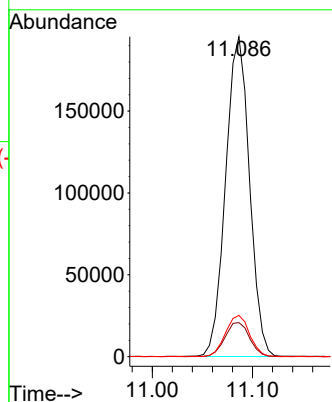
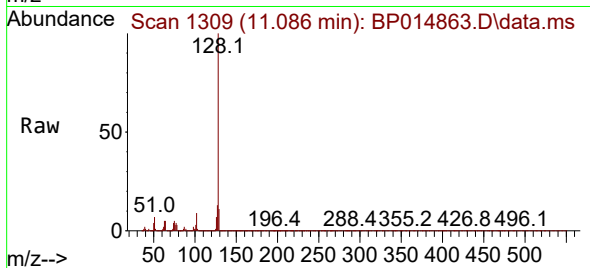




#30
Naphthalene
Concen: 3.354 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

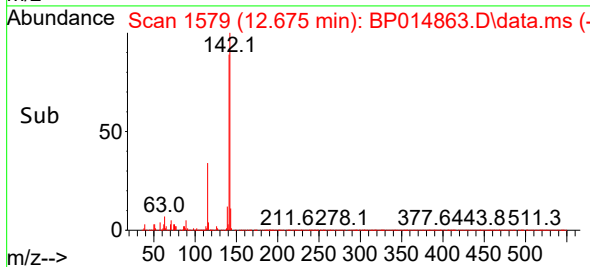
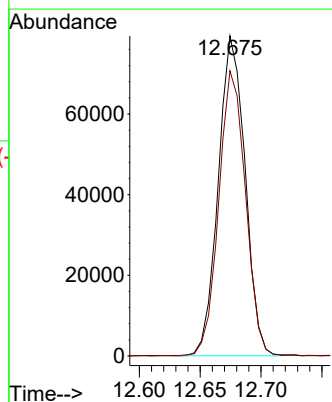
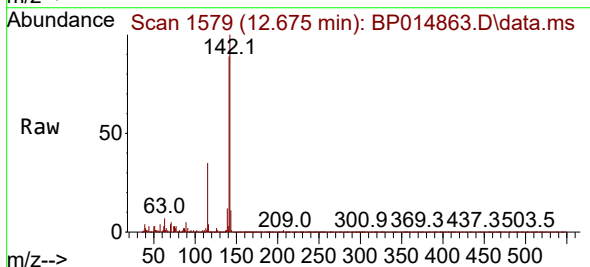
Instrument :
BNA_P
ClientSampleId :
EW939

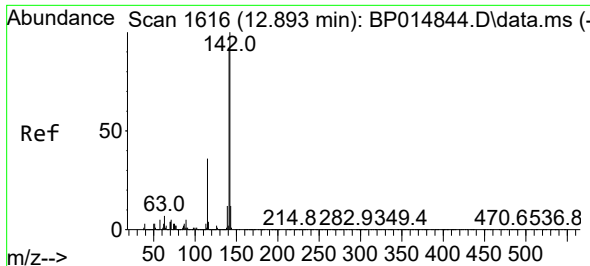
Tgt Ion:128 Resp: 323216
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 12.9 10.6 16.0



#36
2-Methylnaphthalene
Concen: 1.853 ng/ul
RT: 12.675 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

Tgt Ion:142 Resp: 121263
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0

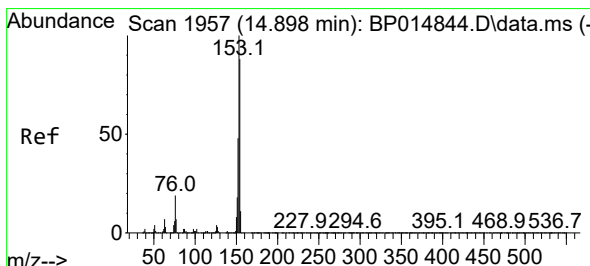
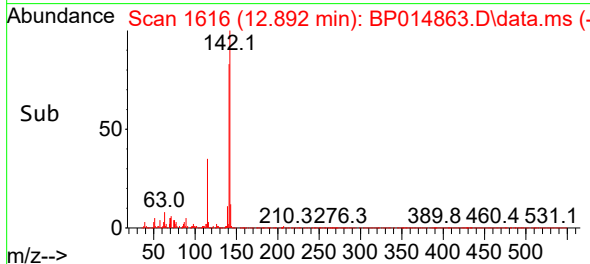
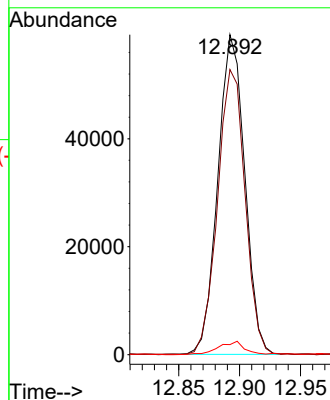
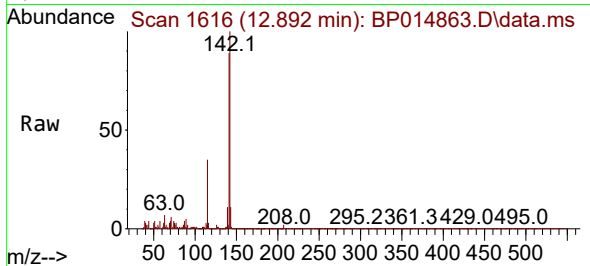




#37
1-Methylnaphthalene
Concen: 1.397 ng/ul
RT: 12.892 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

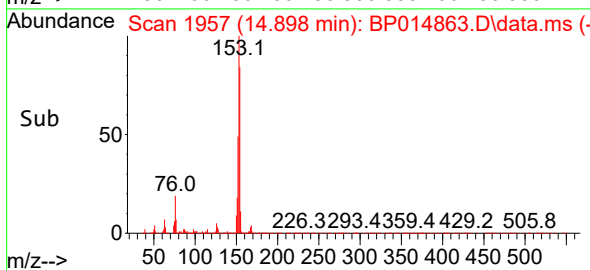
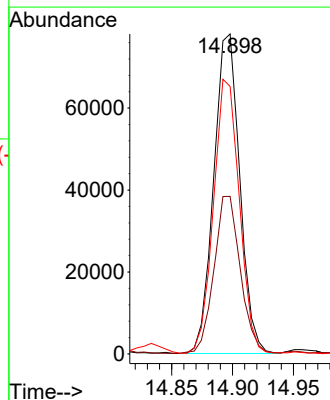
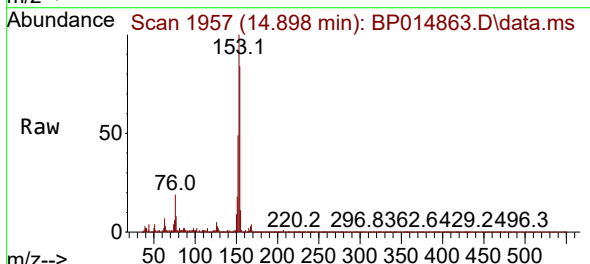
Instrument :
BNA_P
ClientSampleId :
EW939

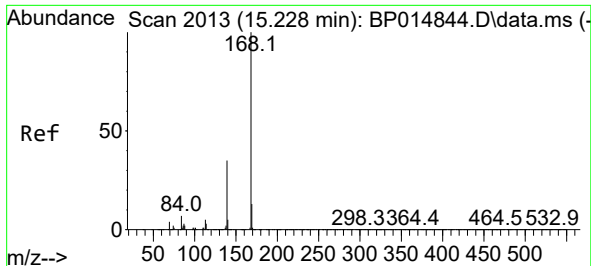
Tgt Ion:142 Resp: 91134
Ion Ratio Lower Upper
142 100
141 89.1 73.7 110.5
116 3.2 3.0 4.4



#52
Acenaphthene
Concen: 1.740 ng/ul
RT: 14.898 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

Tgt Ion:153 Resp: 115818
Ion Ratio Lower Upper
153 100
152 49.3 38.2 57.4
154 83.6 71.0 106.4

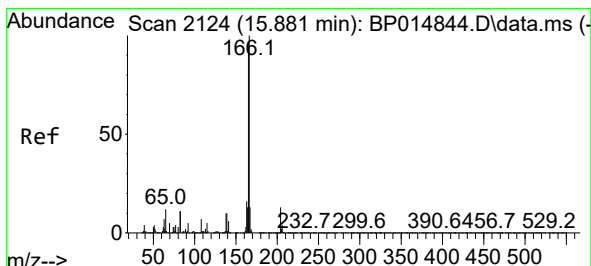
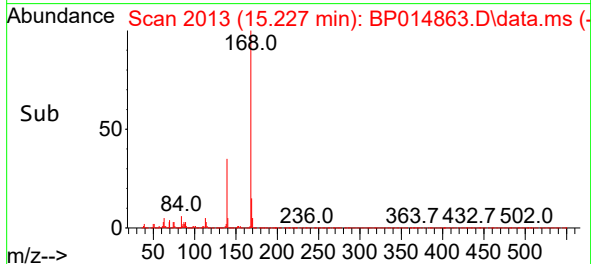
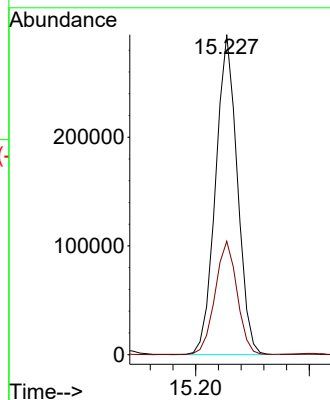
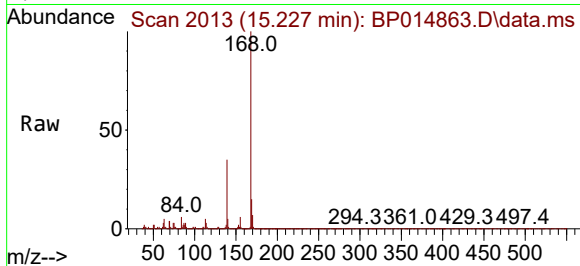




#56
Dibenzenofuran
Concen: 4.168 ng/ul
RT: 15.227 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

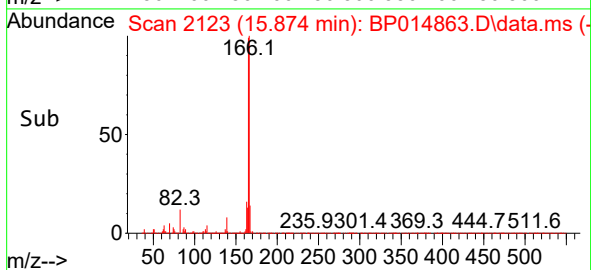
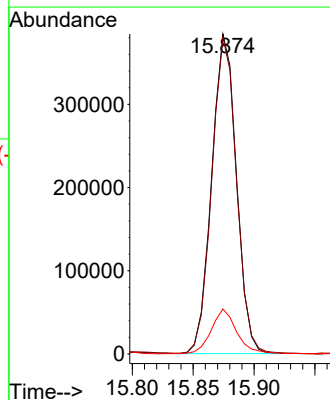
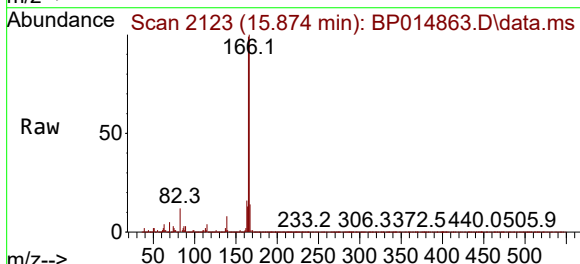
Instrument :
BNA_P
ClientSampleId :
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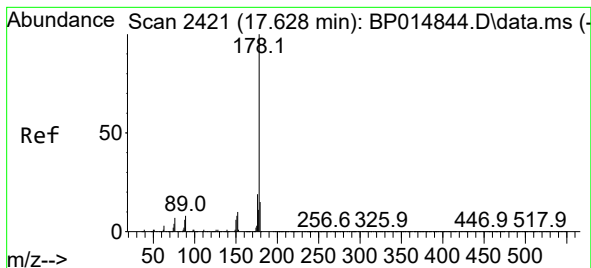
Tgt Ion:168 Resp: 390688
Ion Ratio Lower Upper
168 100
139 35.5 28.7 43.1



#61
Fluorene
Concen: 7.333 ng/ul
RT: 15.874 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

Tgt Ion:166 Resp: 542243
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 14.0 10.7 16.1





#72

Phenanthrene

Concen: 73.181 ng/ul

RT: 17.633 min Scan# 2421

Delta R.T. 0.011 min

Lab File: BP014863.D

Acq: 27 Apr 2023 03:49

Instrument :

BNA_P

ClientSampleId :

EW939

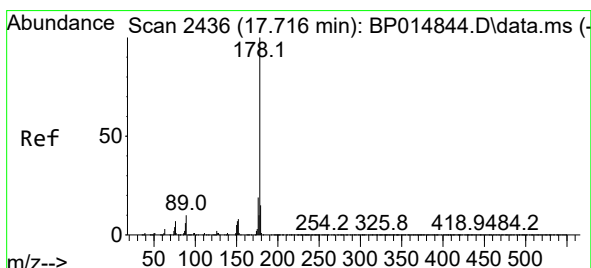
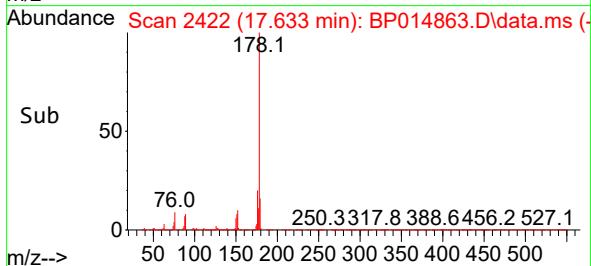
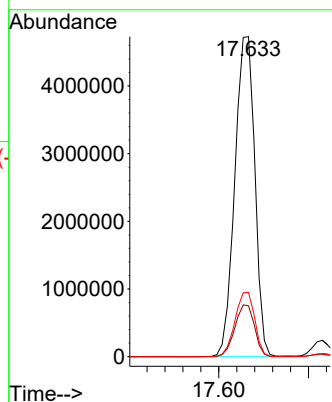
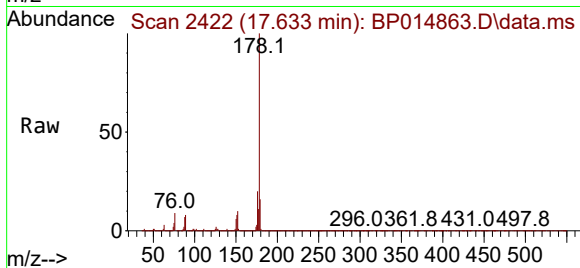
Tgt Ion:178 Resp: 7320727

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 20.1 15.7 23.5



#74

Anthracene

Concen: 3.279 ng/ul

RT: 17.715 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP014863.D

Acq: 27 Apr 2023 03:49

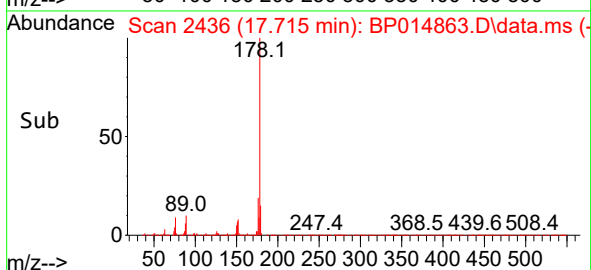
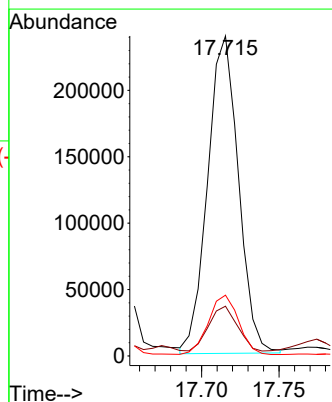
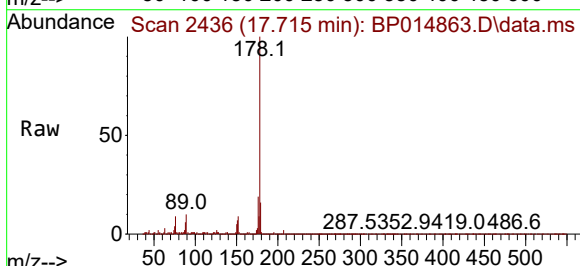
Tgt Ion:178 Resp: 330763

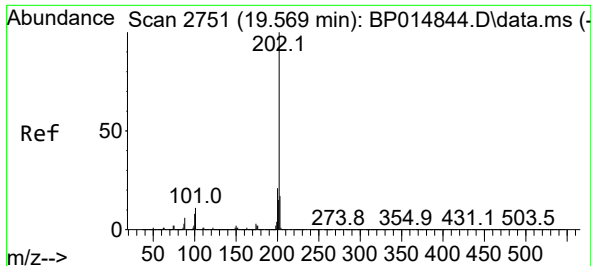
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 19.0 14.9 22.3

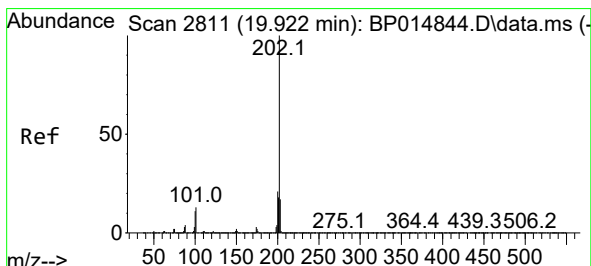
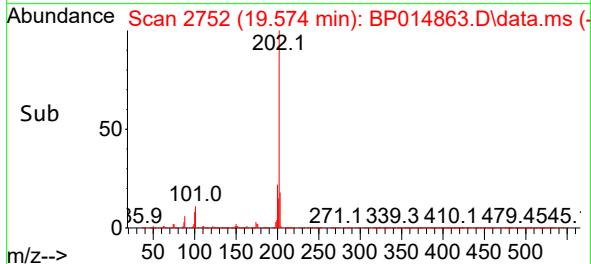
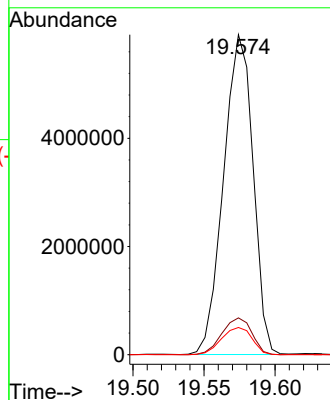
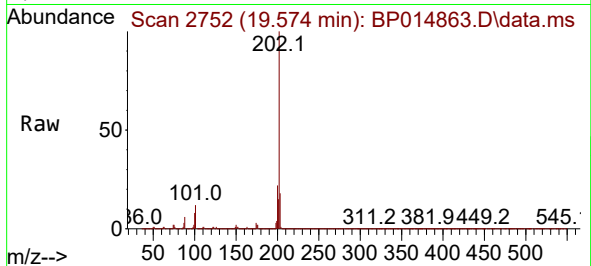




#80
Fluoranthene
Concen: 116.176 ng/ul
RT: 19.574 min Scan# 2752
Delta R.T. 0.005 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

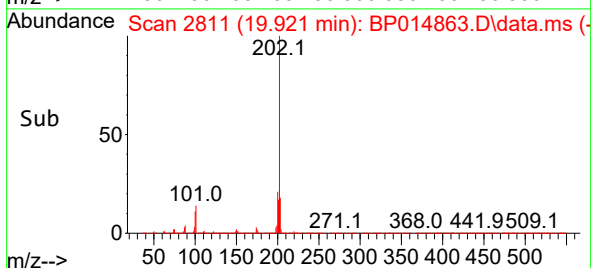
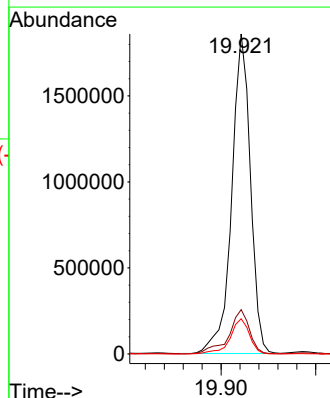
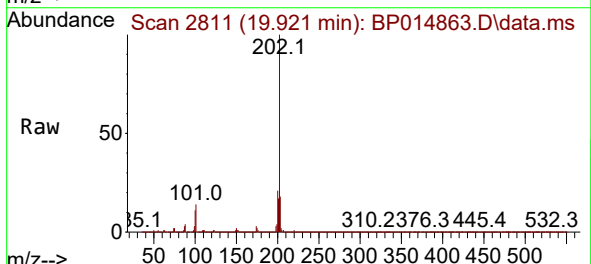
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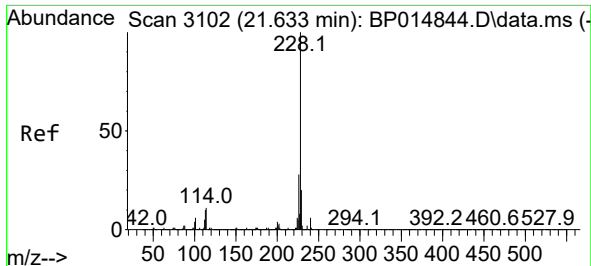
Tgt Ion:202 Resp: 8542428
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 8.5 7.0 10.4



#82
Pyrene
Concen: 33.487 ng/ul
RT: 19.921 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

Tgt Ion:202 Resp: 2546612
Ion Ratio Lower Upper
202 100
101 13.9 11.1 16.7
100 11.0 9.0 13.6

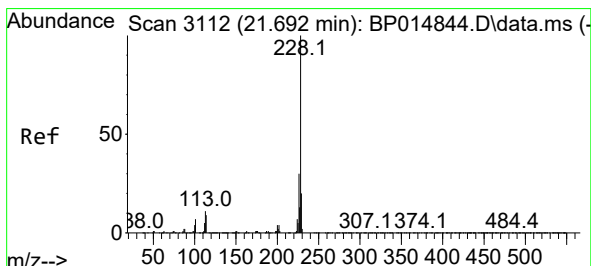
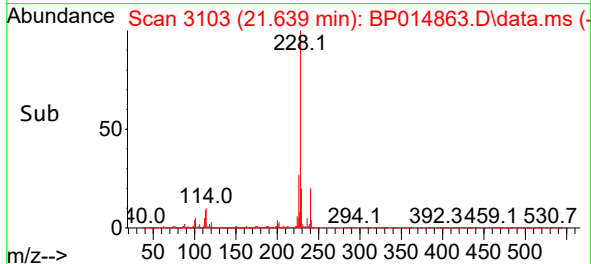
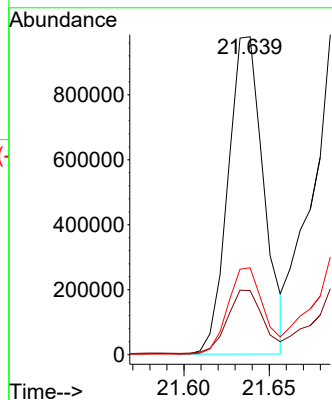
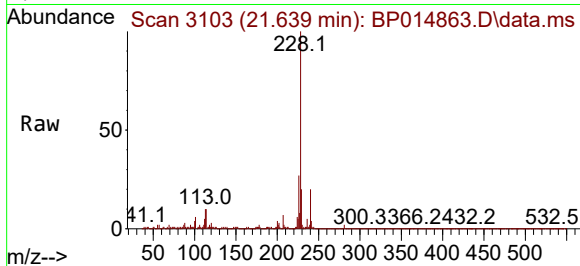




#85
Benzo(a)anthracene
Concen: 19.920 ng/ul
RT: 21.639 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

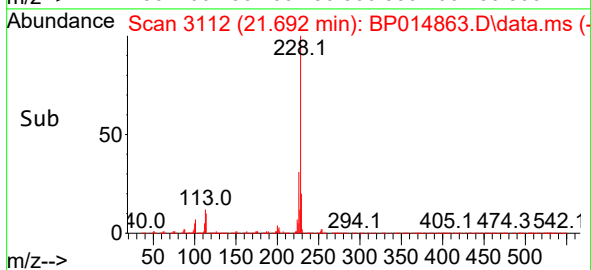
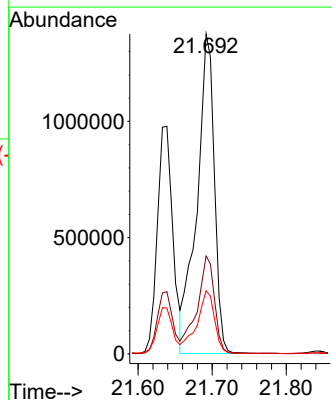
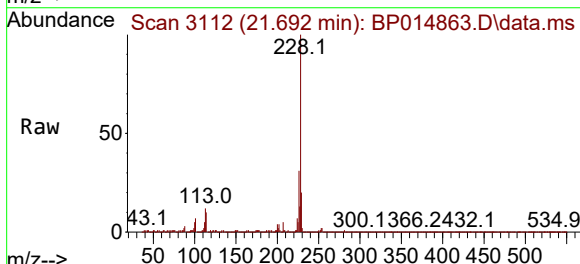
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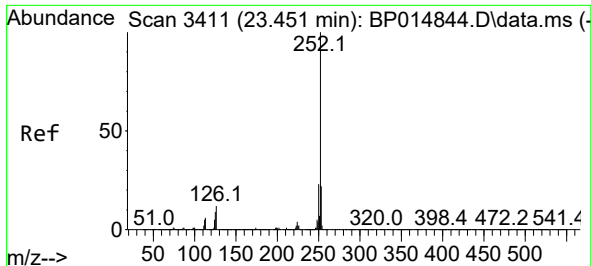
Tgt Ion:228 Resp: 1422117
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.3 22.0 33.0



#87
Chrysene
Concen: 33.249 ng/ul
RT: 21.692 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

Tgt Ion:228 Resp: 2250254
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 19.8 16.0 24.0

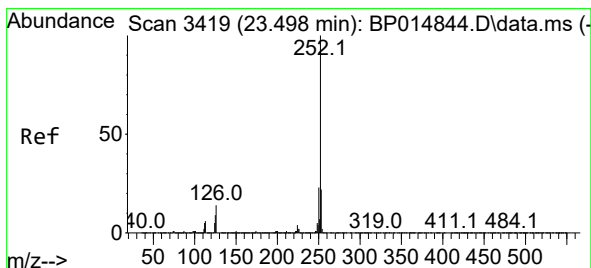
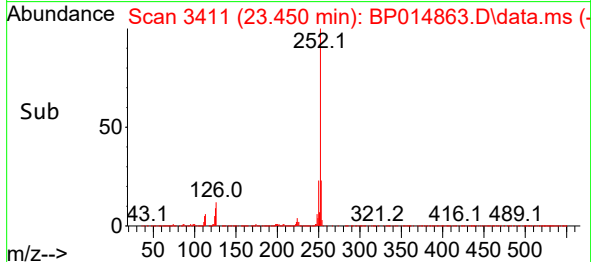
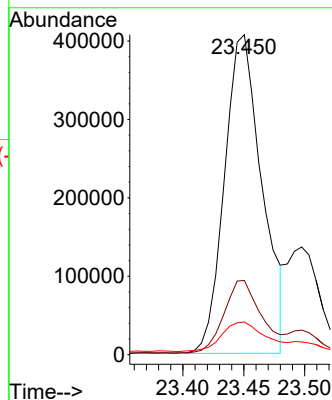
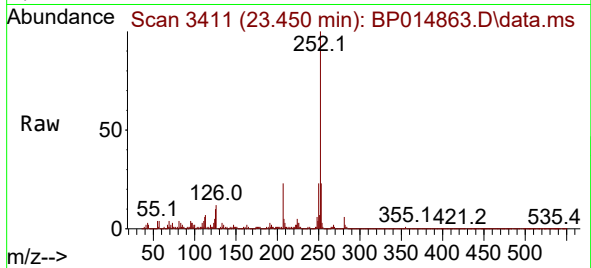




#90
Benzo(b)fluoranthene
Concen: 10.605 ng/ul
RT: 23.450 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 874097
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 10.2 7.8 11.8



#91
Benzo(k)fluoranthene
Concen: 3.087 ng/ul
RT: 23.497 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP014863.D
Acq: 27 Apr 2023 03:49

Tgt Ion:252 Resp: 246742
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 11.9 7.9 11.9

