

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
 Data File : BP013081.D
 Acq On : 12 Dec 2022 10:49
 Operator : CG/JU
 Sample : N5832-15MEDL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 13:37:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

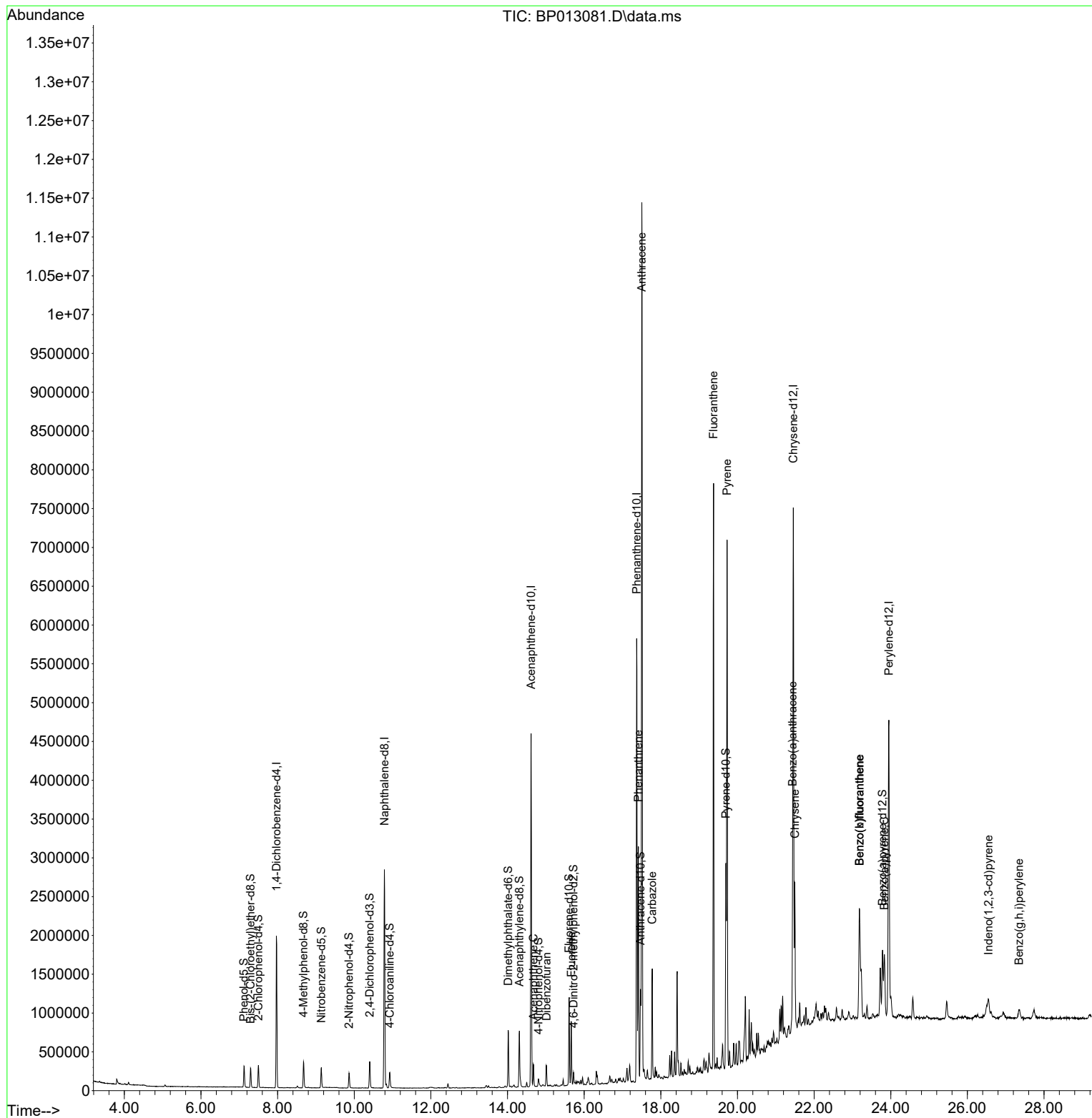
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	535466	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2311270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	1521507	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3482702	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3115336	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	3059503	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	8538	0.682	ng/uL	0.00
4) Pyridine-d5	3.781	84	722	0.020	ng/ul	0.00
7) Phenol-d5	7.122	99	158875	3.643	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	112572	4.279	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	132950	3.872	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	128029	3.583	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	58558	3.448	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	59380	3.106	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	131483	3.541	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	118600	2.262	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	483690	4.136	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	478889	3.727	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	28501	1.355	ng/ul	0.00
60) Fluorene-d10	15.604	176	442024	4.468	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	34774	1.552	ng/ul	0.00
73) Anthracene-d10	17.469	188	701844	4.467	ng/ul	0.00
81) Pyrene-d10	19.698	212	864552	4.835	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	675350	4.429	ng/ul	0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.675	153	112698	1.177	ng/ul	98
56) Dibenzofuran	15.016	168	178306	1.310	ng/ul	98
61) Fluorene	15.663	166	367825	3.370	ng/ul	96
72) Phenanthrene	17.416	178	1855422	10.228	ng/ul	100
74) Anthracene	17.504	178	7148719	39.468	ng/ul	99
77) Carbazole	17.775	167	836729	5.485	ng/ul	99
80) Fluoranthene	19.375	202	4312792	21.250	ng/ul	99
82) Pyrene	19.728	202	4080282	19.489	ng/ul	99
85) Benzo(a)anthracene	21.439	228	1051344	5.084	ng/ul	100
87) Chrysene	21.498	228	1274509	6.517	ng/ul	99
90) Benzo(b)fluoranthene	23.186	252	1348889	6.914	ng/ul	100
91) Benzo(k)fluoranthene	23.186	252	1348889	6.972	ng/ul	100
93) Benzo(a)pyrene	23.833	252	536781	3.160	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.551	276	258966	1.224	ng/ul#	95
96) Benzo(g,h,i)perylene	27.351	276	175543	1.033	ng/ul	97

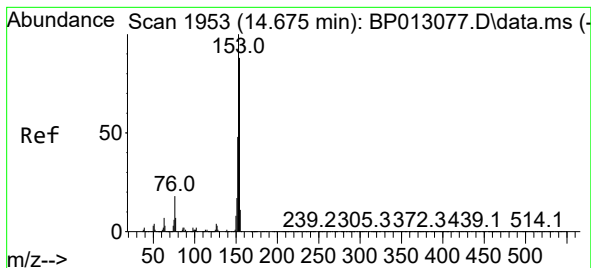
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Acenaphthene

Concen: 1.177 ng/ul

RT: 14.675 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BP013081.D

Acq: 12 Dec 2022 10:49

Instrument :

BNA_P

ClientSampleId :

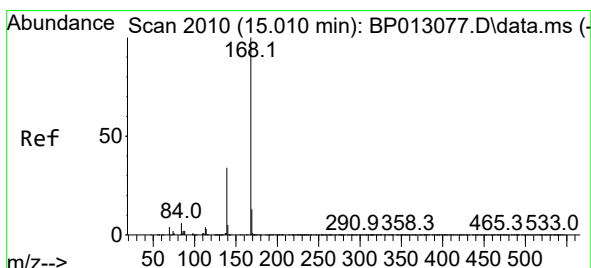
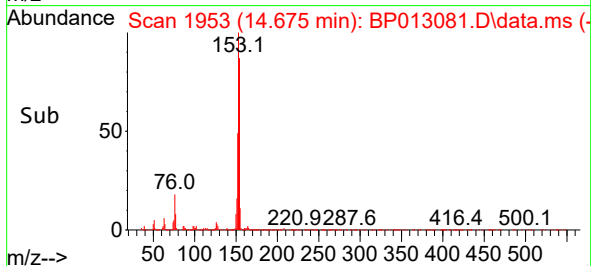
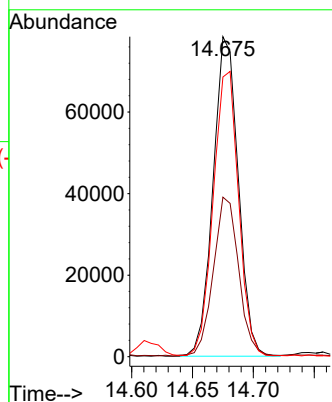
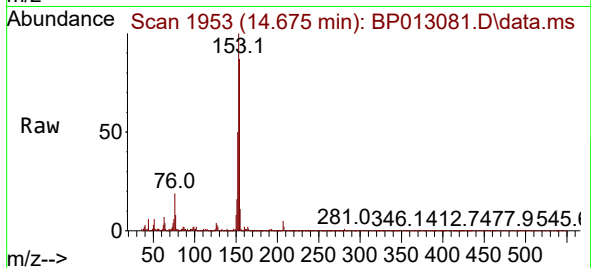
Tgt Ion:153 Resp: 112698

Ion Ratio Lower Upper

153 100

152 49.8 38.2 57.4

154 87.4 70.8 106.2



#56

Dibenzofuran

Concen: 1.310 ng/ul

RT: 15.016 min Scan# 2011

Delta R.T. 0.006 min

Lab File: BP013081.D

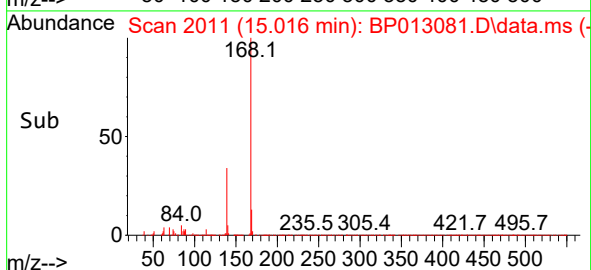
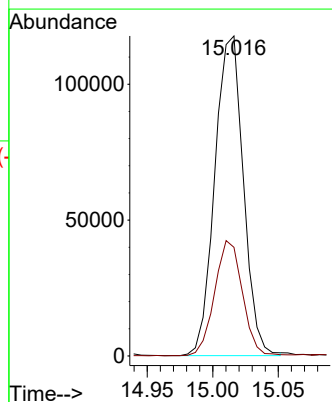
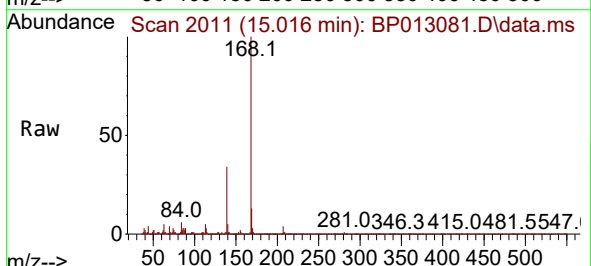
Acq: 12 Dec 2022 10:49

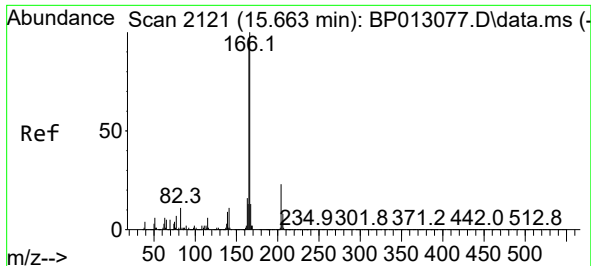
Tgt Ion:168 Resp: 178306

Ion Ratio Lower Upper

168 100

139 34.0 27.9 41.9

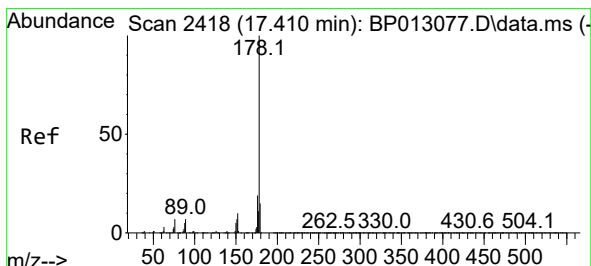
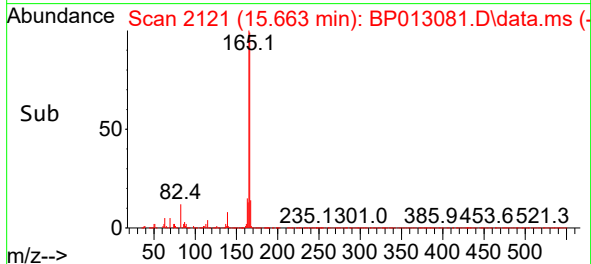
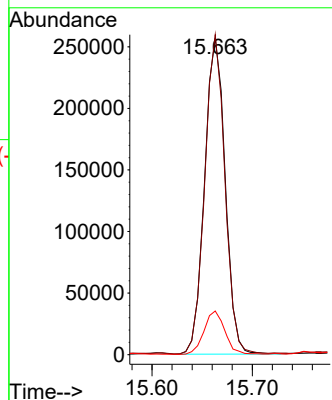
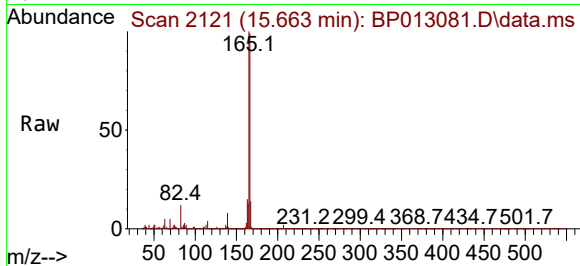




#61
Fluorene
Concen: 3.370 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BP013081.D
Acq: 12 Dec 2022 10:49

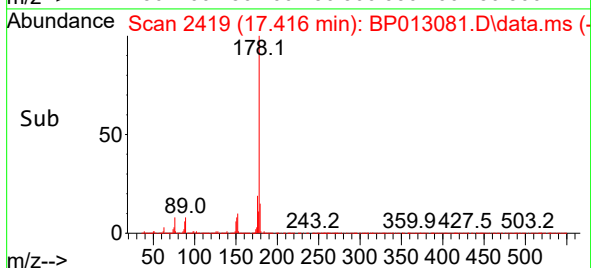
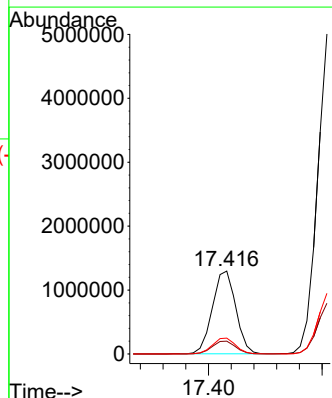
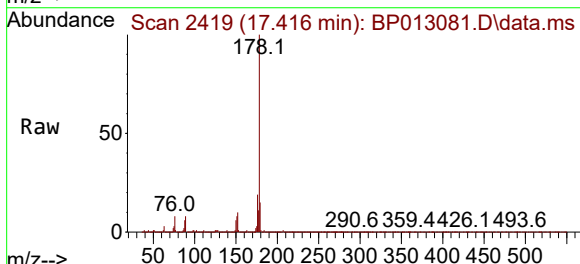
Instrument :
BNA_P
ClientSampleId :

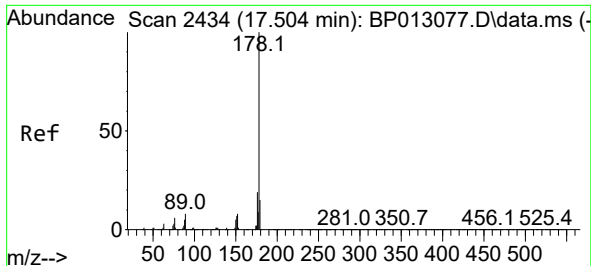
Tgt Ion:166 Resp: 367825
Ion Ratio Lower Upper
166 100
165 101.0 77.4 116.2
167 13.8 10.6 16.0



#72
Phenanthrene
Concen: 10.228 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BP013081.D
Acq: 12 Dec 2022 10:49

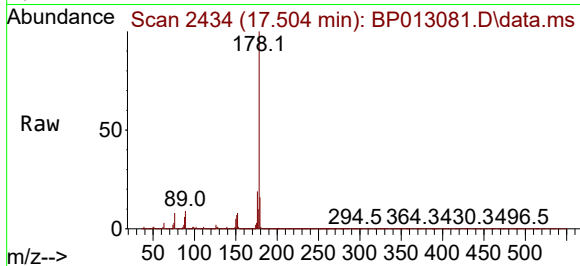
Tgt Ion:178 Resp: 1855422
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.0 15.4 23.0



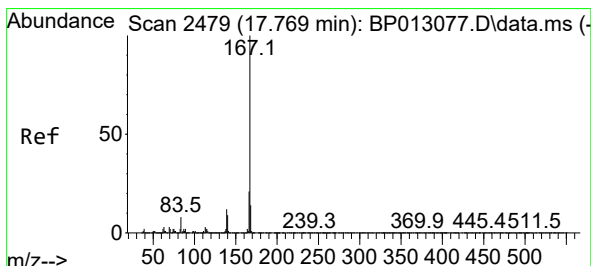
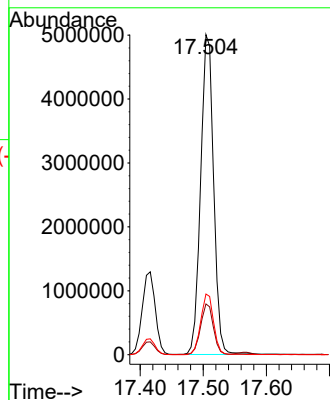
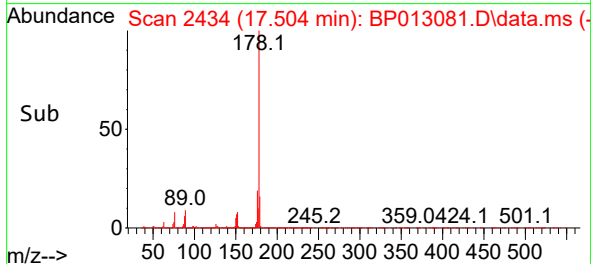


#74
 Anthracene
 Concen: 39.468 ng/ul
 RT: 17.504 min Scan# 2434
 Delta R.T. 0.000 min
 Lab File: BP013081.D
 Acq: 12 Dec 2022 10:49

Instrument :
 BNA_P
 ClientSampleId :

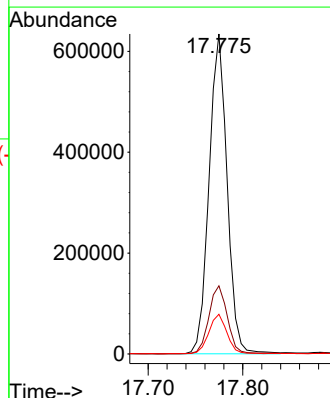
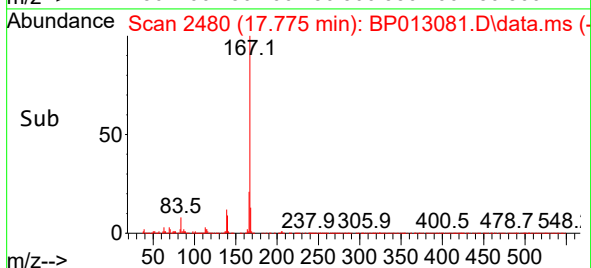
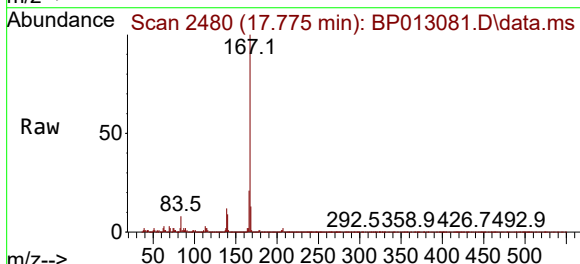


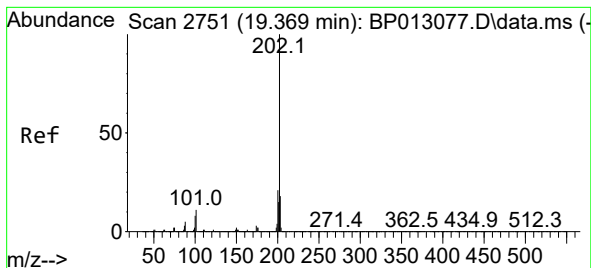
Tgt Ion:178 Resp: 7148719
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 19.0 14.8 22.2



#77
 Carbazole
 Concen: 5.485 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. 0.006 min
 Lab File: BP013081.D
 Acq: 12 Dec 2022 10:49

Tgt Ion:167 Resp: 836729
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.4 9.4 14.2

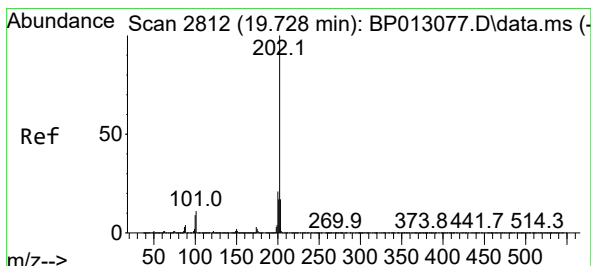
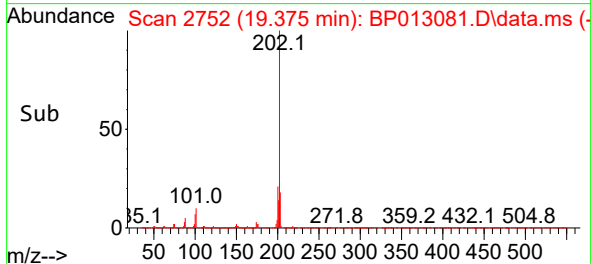
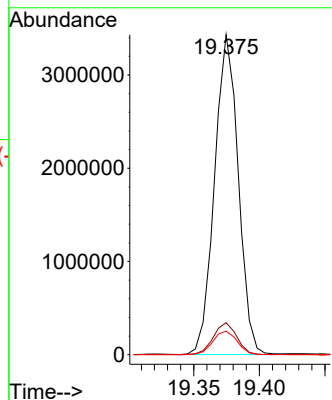
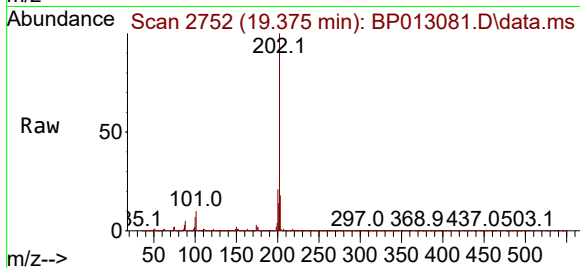




#80
Fluoranthene
Concen: 21.250 ng/ul
RT: 19.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013081.D
Acq: 12 Dec 2022 10:49

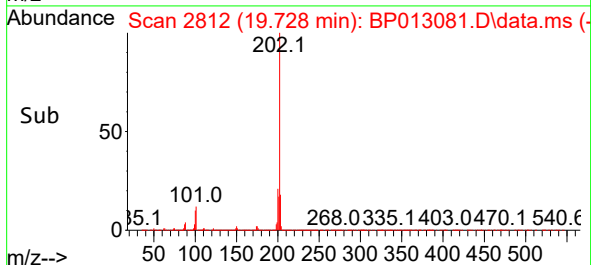
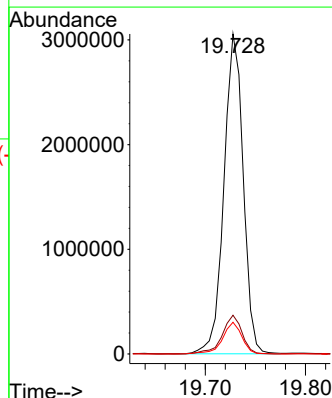
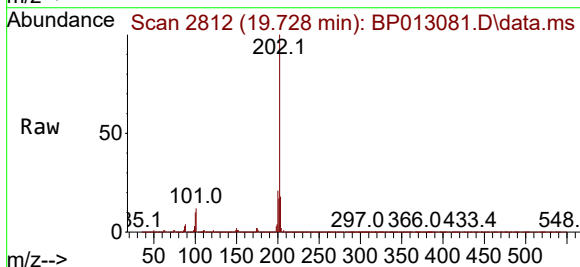
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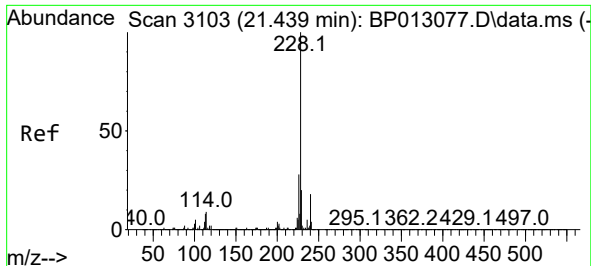
Tgt Ion:202 Resp: 4312792
Ion Ratio Lower Upper
202 100
101 10.0 8.2 12.2
100 7.4 6.1 9.1



#82
Pyrene
Concen: 19.489 ng/ul
RT: 19.728 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013081.D
Acq: 12 Dec 2022 10:49

Tgt Ion:202 Resp: 4080282
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 9.9 7.8 11.8

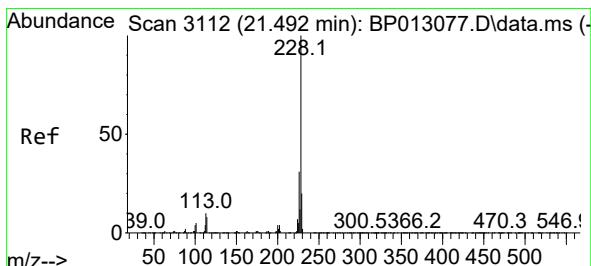
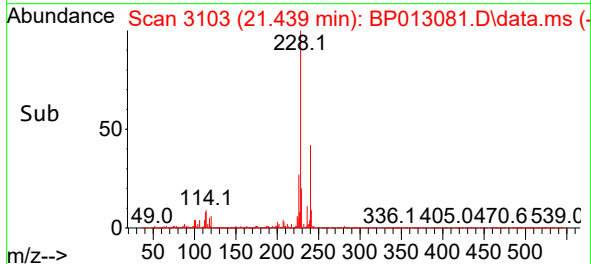
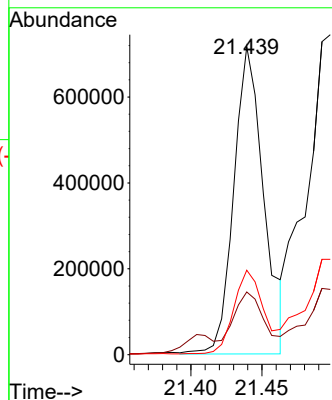
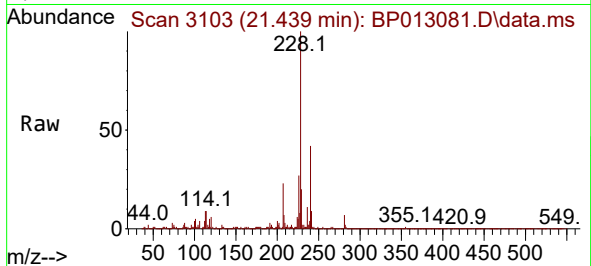




#85
Benzo(a)anthracene
Concen: 5.084 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP013081.D
Acq: 12 Dec 2022 10:49

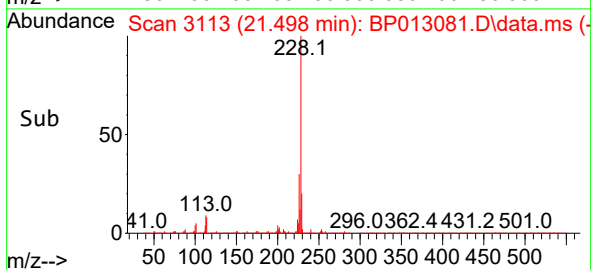
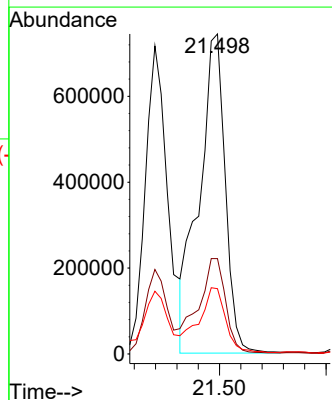
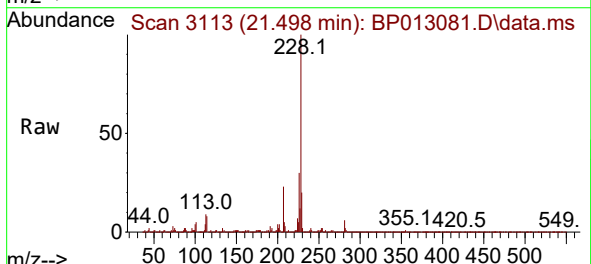
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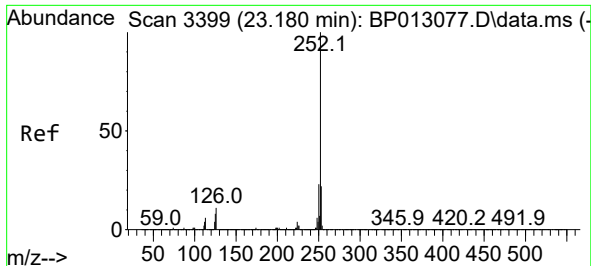
Tgt Ion:228 Resp: 1051344
Ion Ratio Lower Upper
228 100
229 20.4 16.1 24.1
226 27.4 22.0 33.0



#87
Chrysene
Concen: 6.517 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP013081.D
Acq: 12 Dec 2022 10:49

Tgt Ion:228 Resp: 1274509
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 20.4 16.0 24.0

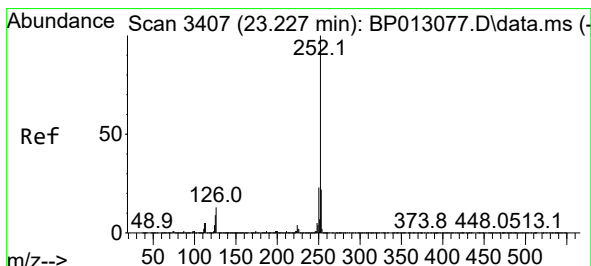
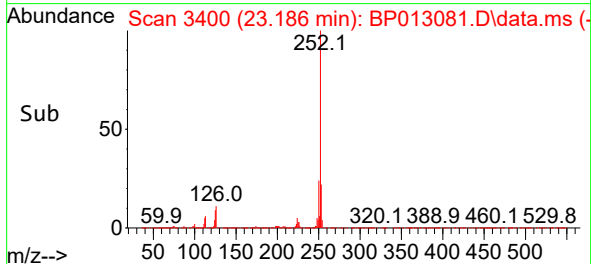
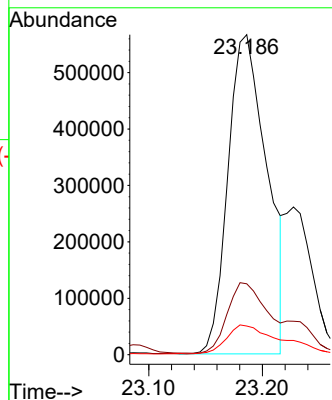
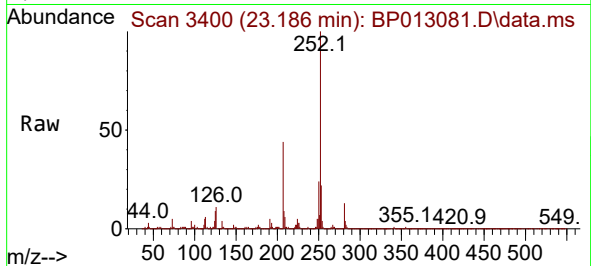




#90
Benzo(b)fluoranthene
Concen: 6.914 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.012 min
Lab File: BP013081.D
Acq: 12 Dec 2022 10:49

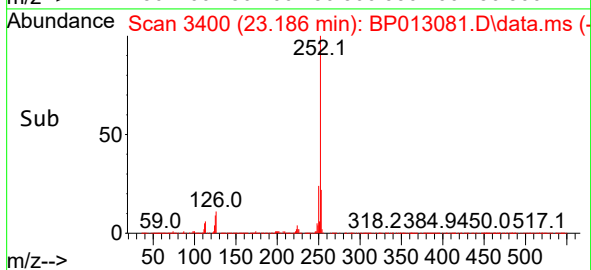
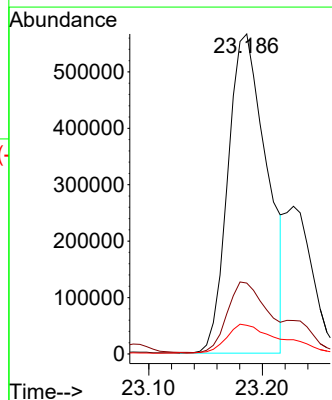
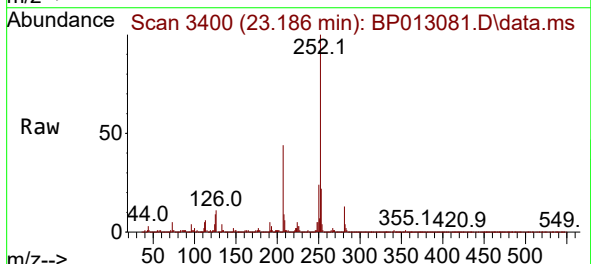
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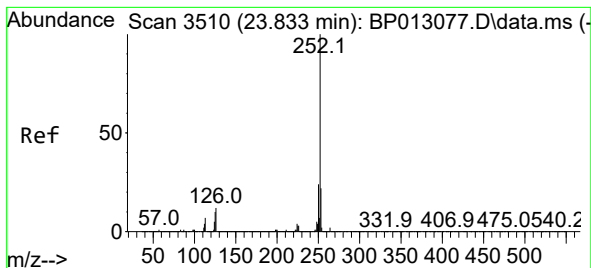
Tgt Ion:252 Resp: 1348889
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.0 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 6.972 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. -0.041 min
Lab File: BP013081.D
Acq: 12 Dec 2022 10:49

Tgt Ion:252 Resp: 1348889
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.0 6.8 10.2





#93

Benzo(a)pyrene

Concen: 3.160 ng/ul

RT: 23.833 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BP013081.D

Acq: 12 Dec 2022 10:49

Instrument :

BNA_P

ClientSampleId :

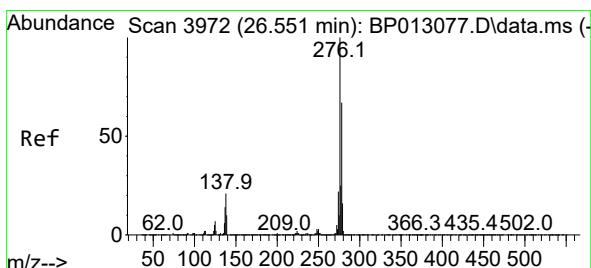
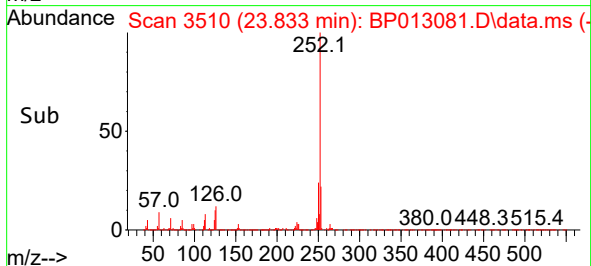
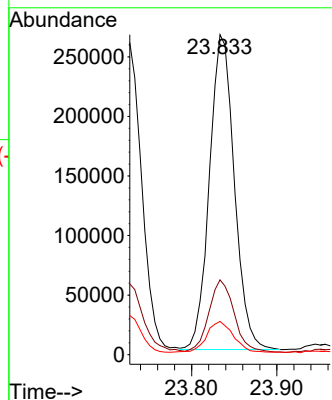
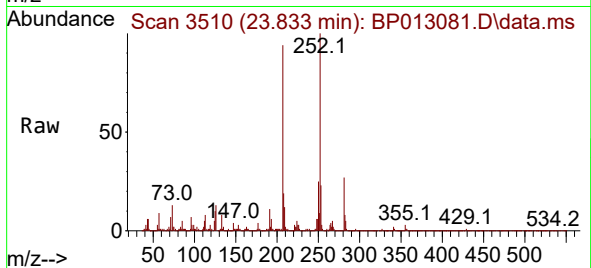
Tgt Ion:252 Resp: 536781

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 10.4 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.224 ng/ul

RT: 26.551 min Scan# 3972

Delta R.T. 0.006 min

Lab File: BP013081.D

Acq: 12 Dec 2022 10:49

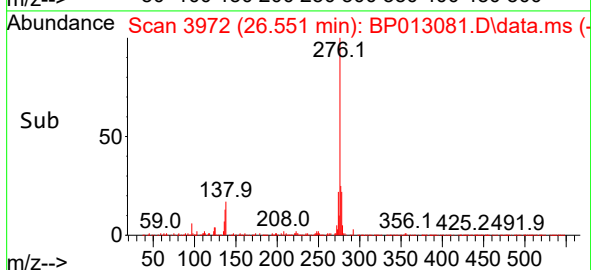
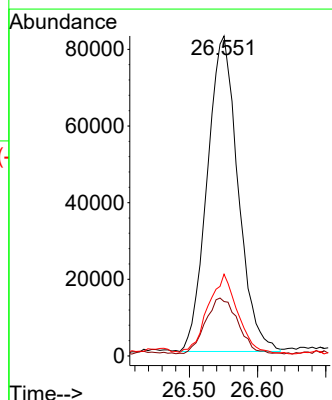
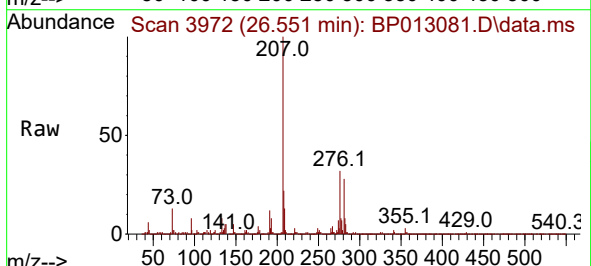
Tgt Ion:276 Resp: 258966

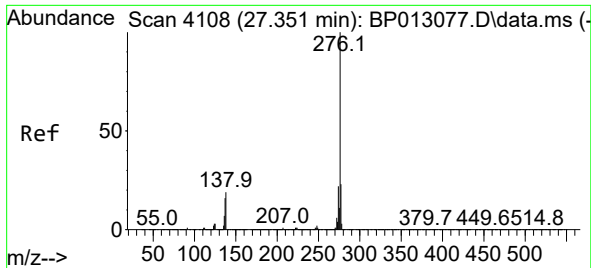
Ion Ratio Lower Upper

276 100

138 17.0 17.1 25.7#

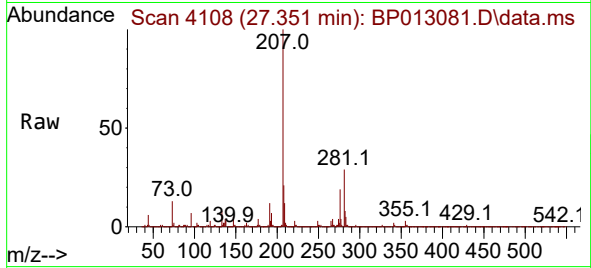
277 25.6 20.0 30.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.033 ng/ul
 RT: 27.351 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP013081.D
 Acq: 12 Dec 2022 10:49

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	175543
Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.4	23.2
277	23.3	19.1	28.7

