

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013001.D
 Acq On : 09 Dec 2022 01:04
 Operator : CG/JU
 Sample : N5832-05DL2 30X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK2DL2

Quant Time: Dec 09 04:07:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

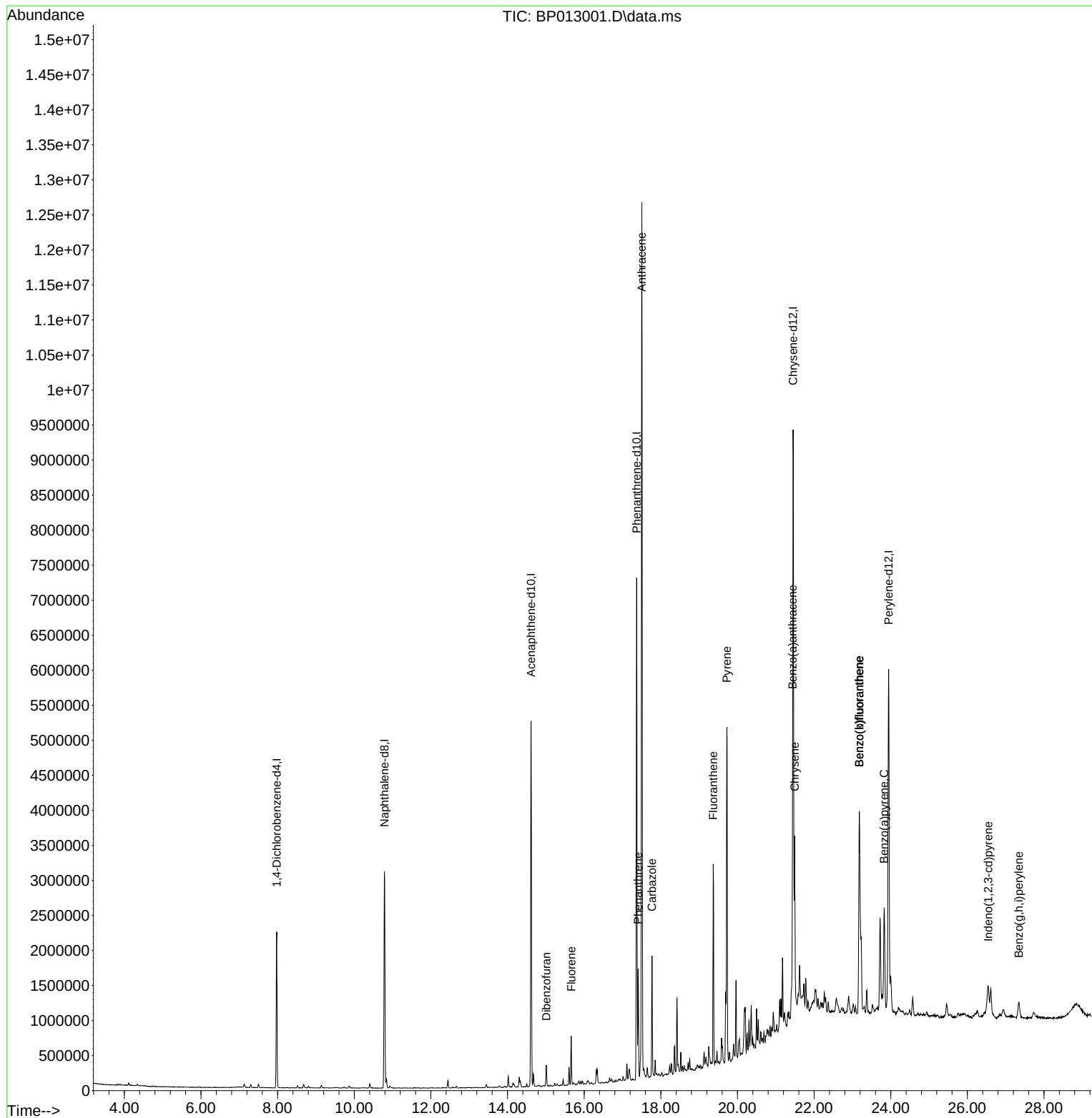
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	616643	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2680838	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1858969	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4256134	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	3895670	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3946063	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	1742	0.121	ng/uL	0.00
4) Pyridine-d5	3.776	84	1635	0.040	ng/u1	-0.01
7) Phenol-d5	7.128	99	27083	0.539	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	19954	0.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	22953	0.581	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	21484	0.522	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	9267	0.470	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	8833	0.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	23658	0.549	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	14164	0.233	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	104432	0.731	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	94355	0.601	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	2858	0.111	ng/u1	0.00
60) Fluorene-d10	15.604	176	100449	0.831	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	7611	0.278	ng/u1	-0.01
73) Anthracene-d10	17.469	188	167593	0.873	ng/u1	0.00
81) Pyrene-d10	19.698	212	205158	0.917	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	155934	0.793	ng/u1	0.00
Target Compounds					Qvalue	
56) Dibenzofuran	15.010	168	200932	1.208	ng/u1	97
61) Fluorene	15.663	166	304482	2.283	ng/u1	98
72) Phenanthrene	17.410	178	930113	4.196	ng/u1	99
74) Anthracene	17.504	178	8142587	36.786	ng/u1	99
77) Carbazole	17.769	167	1018388	5.463	ng/u1	98
80) Fluoranthene	19.369	202	1680831	6.623	ng/u1	100
82) Pyrene	19.722	202	2918208	11.147	ng/u1	99
85) Benzo(a)anthracene	21.439	228	1068624	4.132	ng/u1	98
87) Chrysene	21.492	228	1815384	7.423	ng/u1	99
90) Benzo(b)fluoranthene	23.180	252	2868706	11.400	ng/u1	99
91) Benzo(k)fluoranthene	23.180	252	2868706	11.497	ng/u1	99
93) Benzo(a)pyrene	23.827	252	1101988	5.030	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.545	276	490935	1.799	ng/u1	95
96) Benzo(g,h,i)perylene	27.345	276	314922	1.437	ng/u1	99

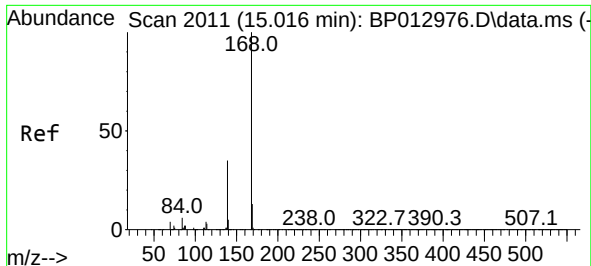
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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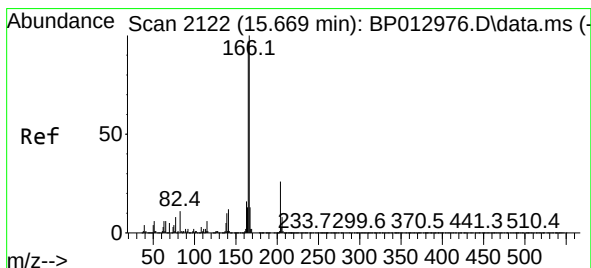
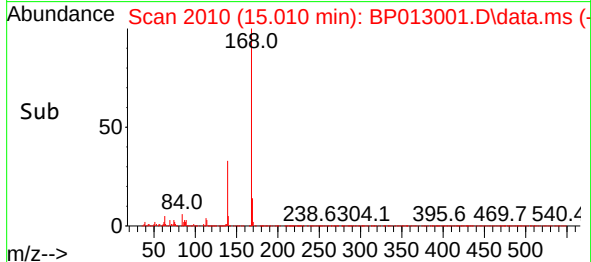
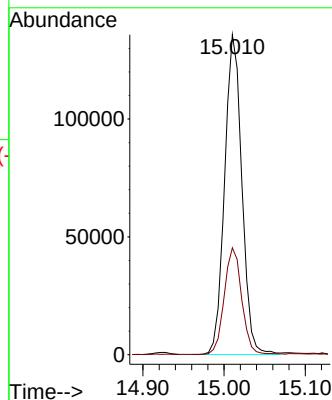
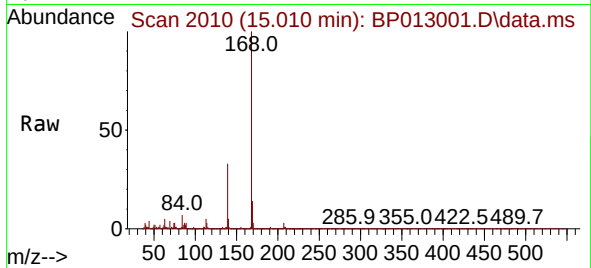




#56
Dibenzenofuran
Concen: 1.208 ng/ul
RT: 15.010 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

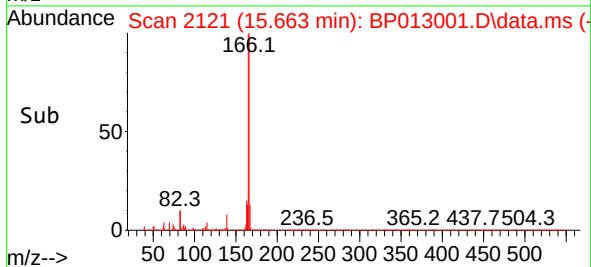
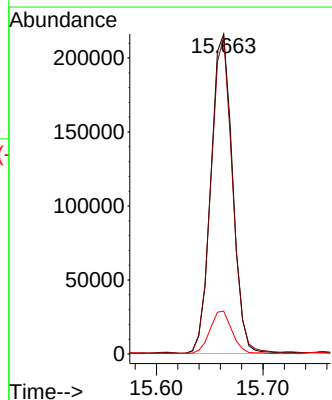
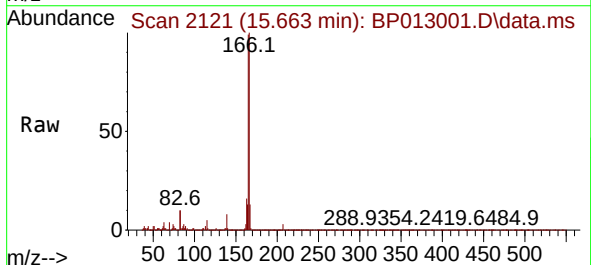
Instrument :
BNA_P
ClientSampleId :
DBXK2DL2

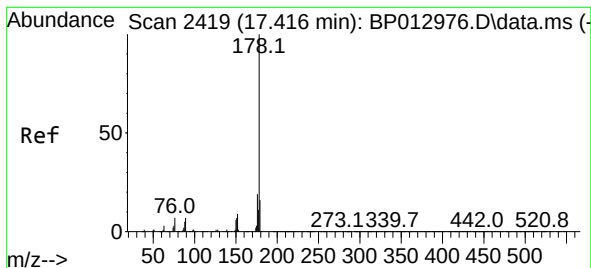
Tgt Ion:168 Resp: 200932
Ion Ratio Lower Upper
168 100
139 33.4 27.9 41.9



#61
Fluorene
Concen: 2.283 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

Tgt Ion:166 Resp: 304482
Ion Ratio Lower Upper
166 100
165 99.1 77.4 116.2
167 13.4 10.6 16.0





#72

Phenanthrene

Concen: 4.196 ng/ul

RT: 17.410 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBXK2DL2

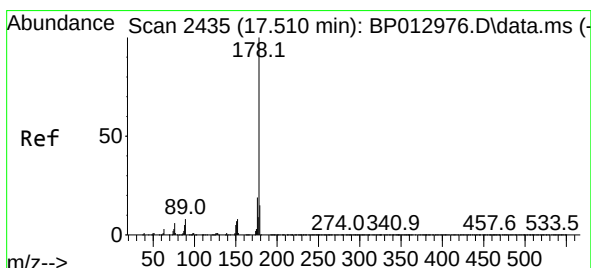
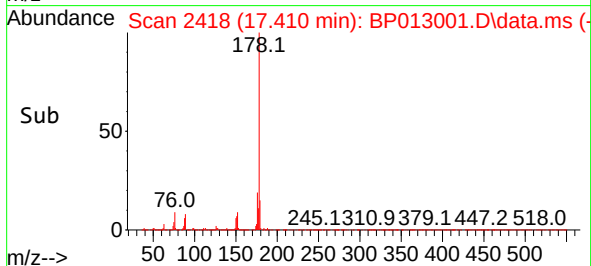
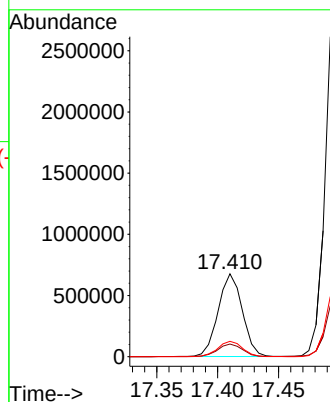
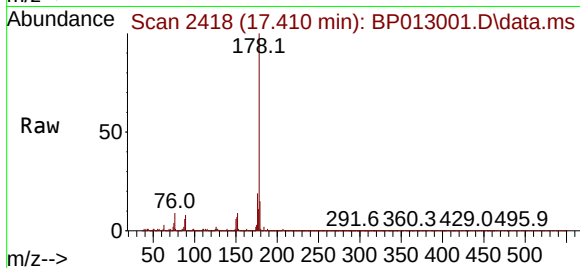
Tgt Ion:178 Resp: 930113

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.6 15.4 23.0



#74

Anthracene

Concen: 36.786 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

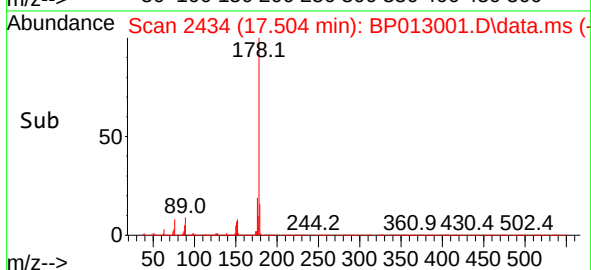
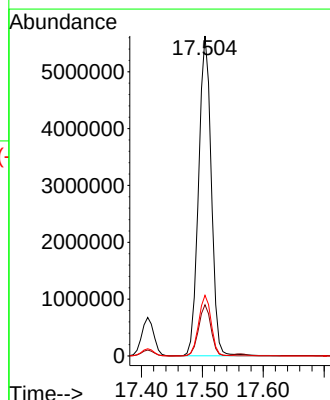
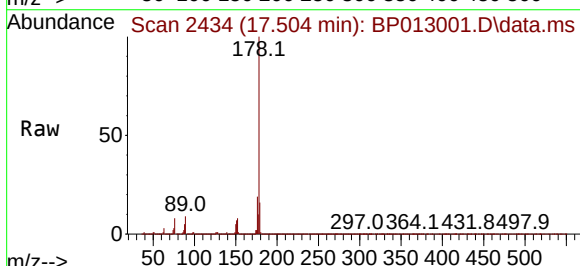
Tgt Ion:178 Resp: 8142587

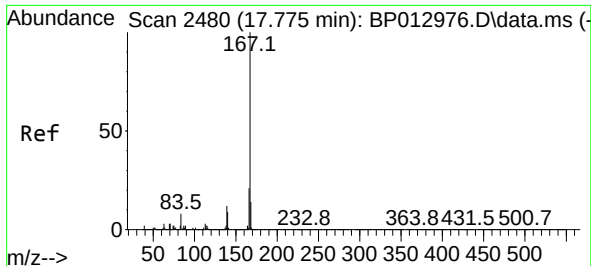
Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 19.0 14.8 22.2

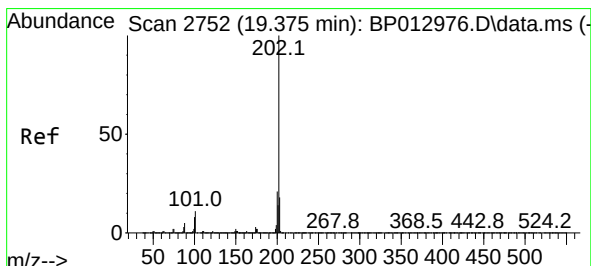
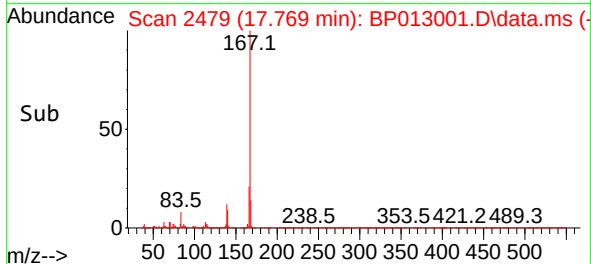
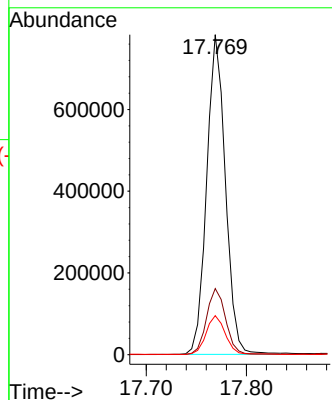
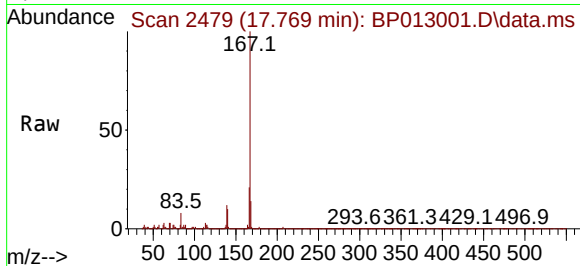




#77
Carbazole
Concen: 5.463 ng/ul
RT: 17.769 min Scan# 2480
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

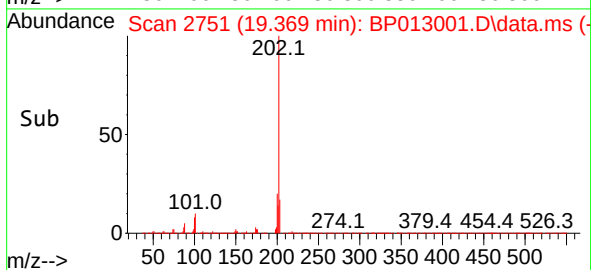
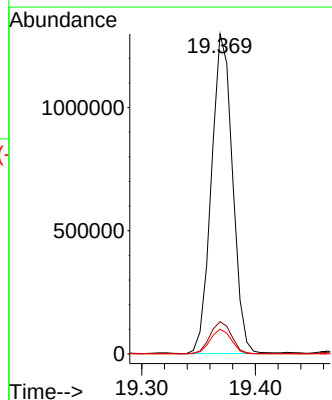
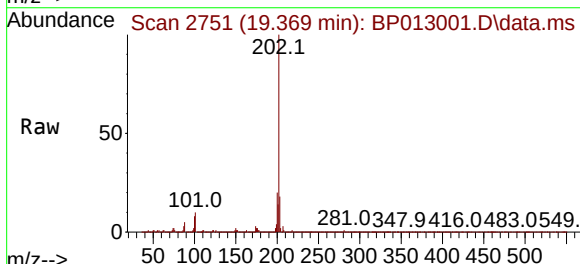
Instrument :
BNA_P
ClientSampleId :
DBXK2DL2

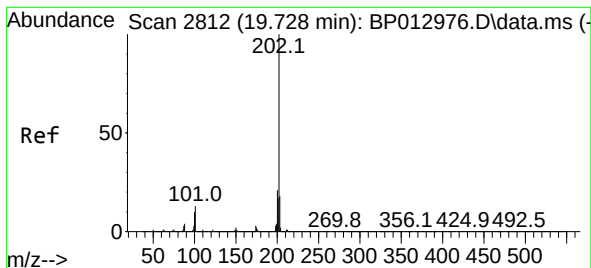
Tgt Ion:167 Resp: 1018388
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 12.2 9.4 14.2



#80
Fluoranthene
Concen: 6.623 ng/ul
RT: 19.369 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

Tgt Ion:202 Resp: 1680831
Ion Ratio Lower Upper
202 100
101 10.1 8.2 12.2
100 7.7 6.1 9.1





#82

Pyrene

Concen: 11.147 ng/ul

RT: 19.722 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBXK2DL2

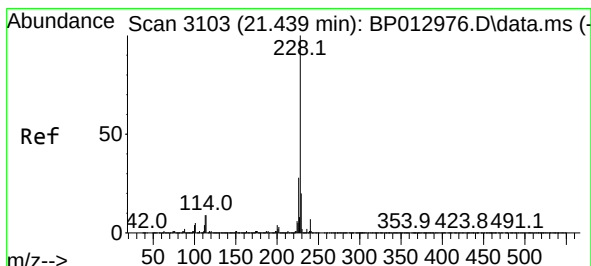
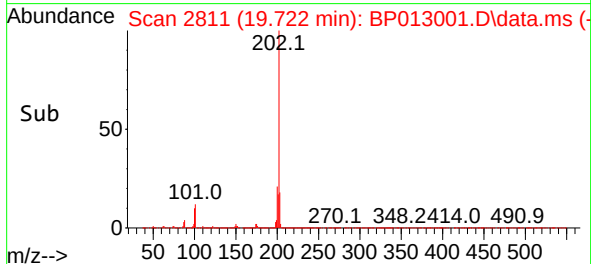
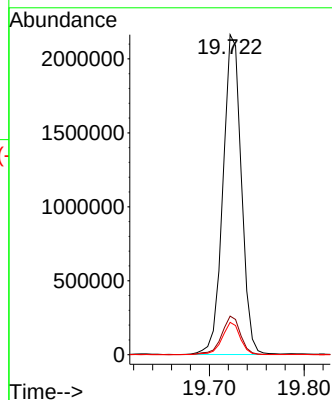
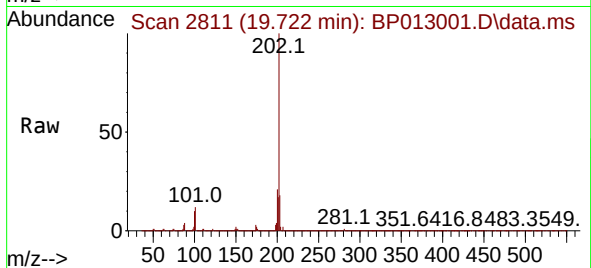
Tgt Ion:202 Resp: 2918208

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

100 10.1 7.8 11.8



#85

Benzo(a)anthracene

Concen: 4.132 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

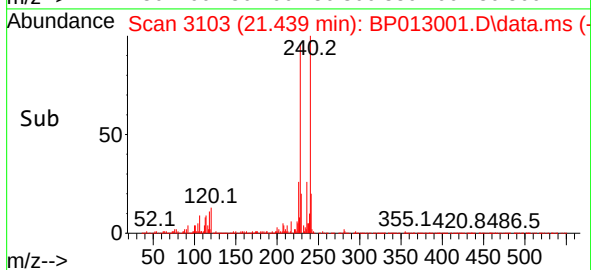
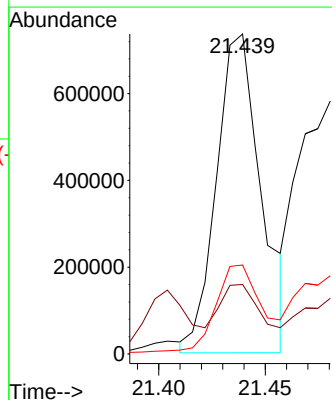
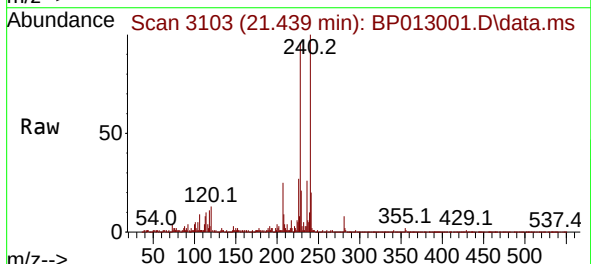
Tgt Ion:228 Resp: 1068624

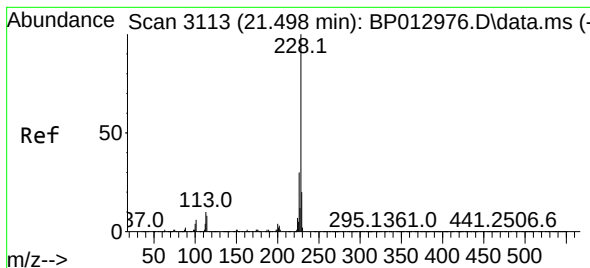
Ion Ratio Lower Upper

228 100

229 21.7 16.1 24.1

226 27.8 22.0 33.0





#87

Chrysene

Concen: 7.423 ng/ul

RT: 21.492 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

Instrument :

BNA_P

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DBXK2DL2

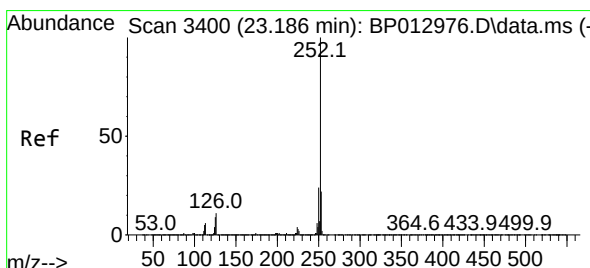
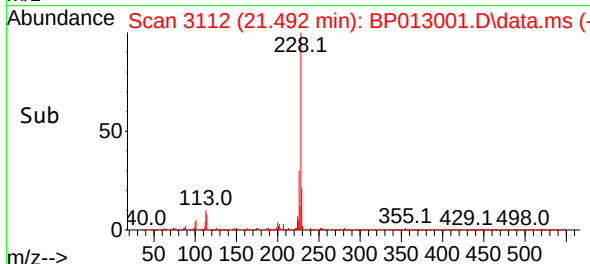
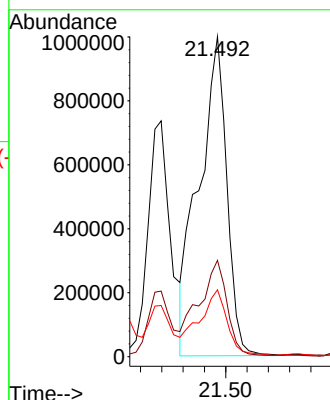
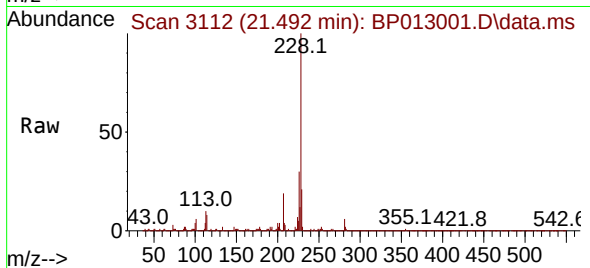
Tgt Ion:228 Resp: 1815384

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 20.9 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 11.400 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

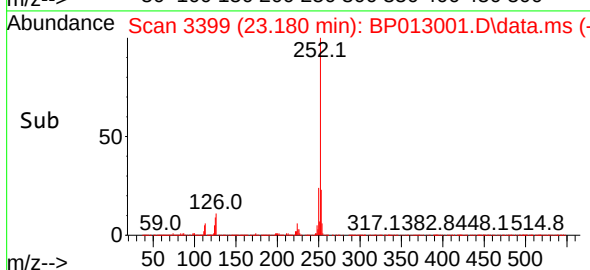
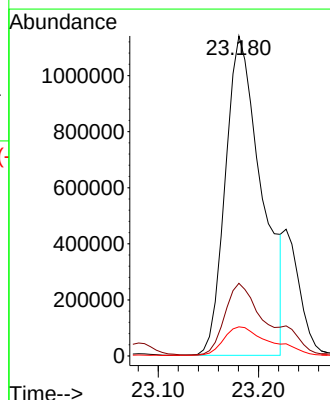
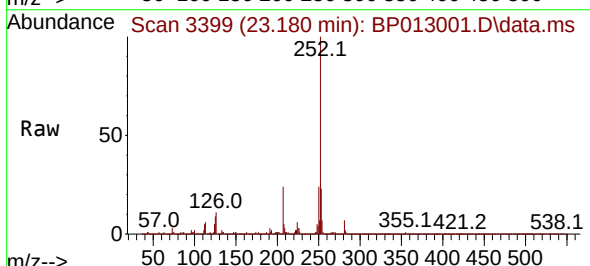
Tgt Ion:252 Resp: 2868706

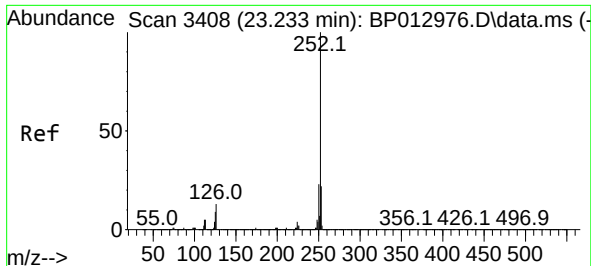
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 9.1 6.8 10.2

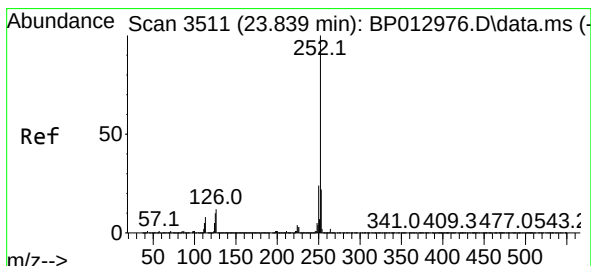
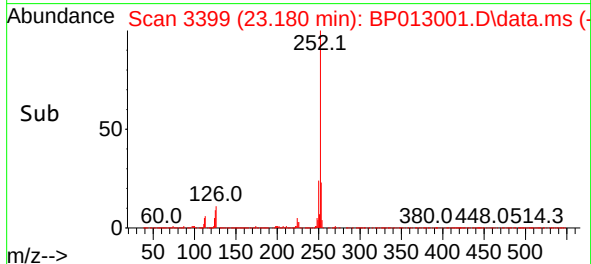
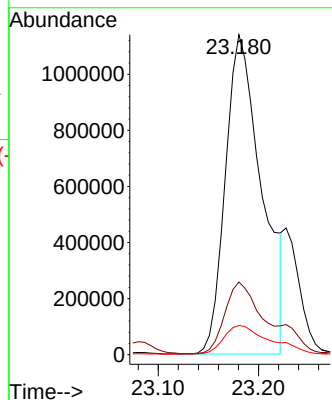
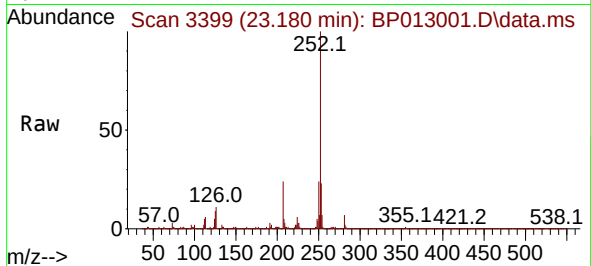




#91
Benzo(k)fluoranthene
Concen: 11.497 ng/ul
RT: 23.180 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

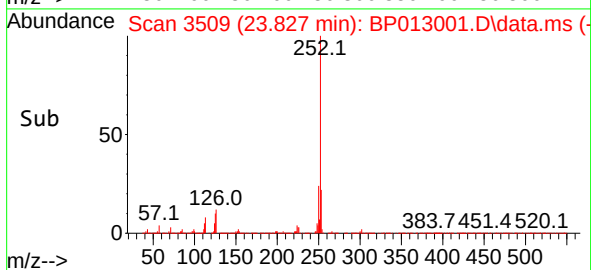
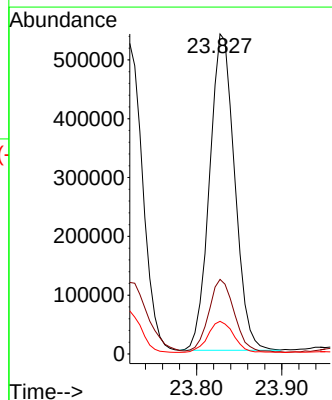
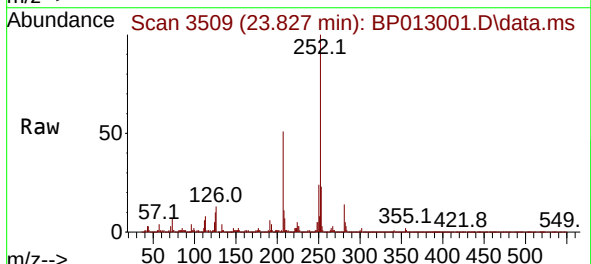
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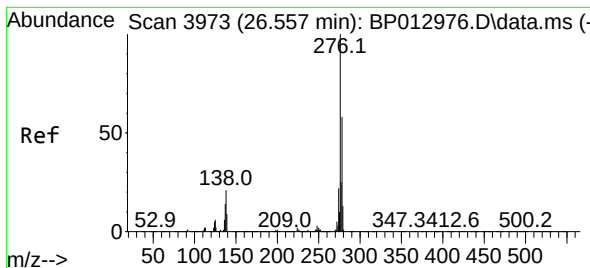
Tgt Ion:252 Resp: 2868706
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.1 6.8 10.2



#93
Benzo(a)pyrene
Concen: 5.030 ng/ul
RT: 23.827 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

Tgt Ion:252 Resp: 1101988
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.2 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.799 ng/ul

RT: 26.545 min Scan# 3973

Delta R.T. -0.012 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBXK2DL2

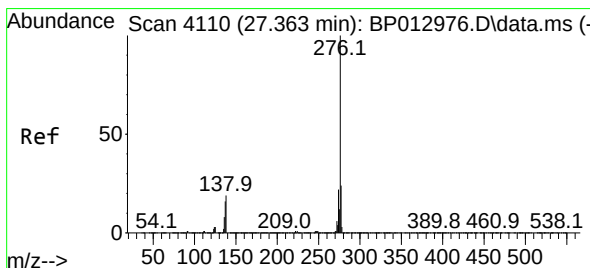
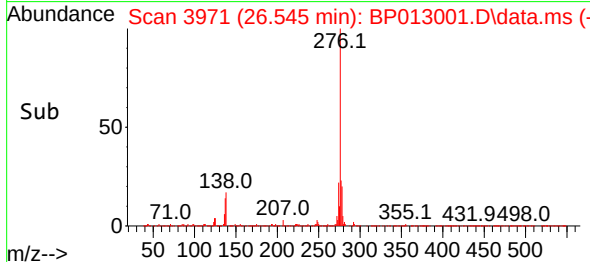
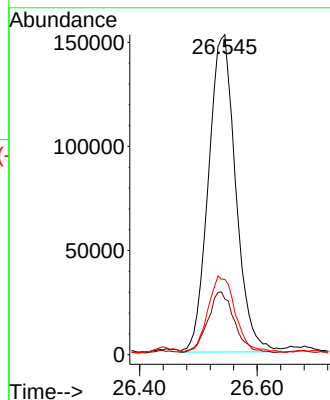
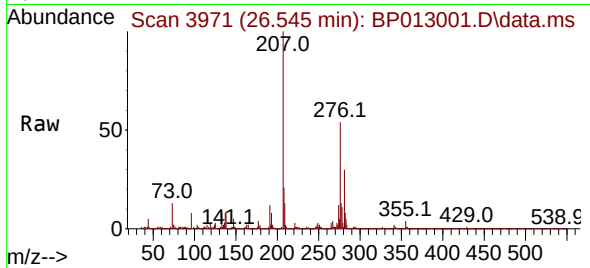
Tgt Ion:276 Resp: 490935

Ion Ratio Lower Upper

276 100

138 17.4 17.1 25.7

277 23.5 20.0 30.0



#96

Benzo(g,h,i)perylene

Concen: 1.437 ng/ul

RT: 27.345 min Scan# 4107

Delta R.T. -0.006 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

Tgt Ion:276 Resp: 314922

Ion Ratio Lower Upper

276 100

138 18.8 15.4 23.2

277 24.6 19.1 28.7

