

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013037.D
 Acq On : 10 Dec 2022 13:37
 Operator : CG/JU
 Sample : N5832-19ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXL4ME

Quant Time: Dec 11 23:50:10 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)

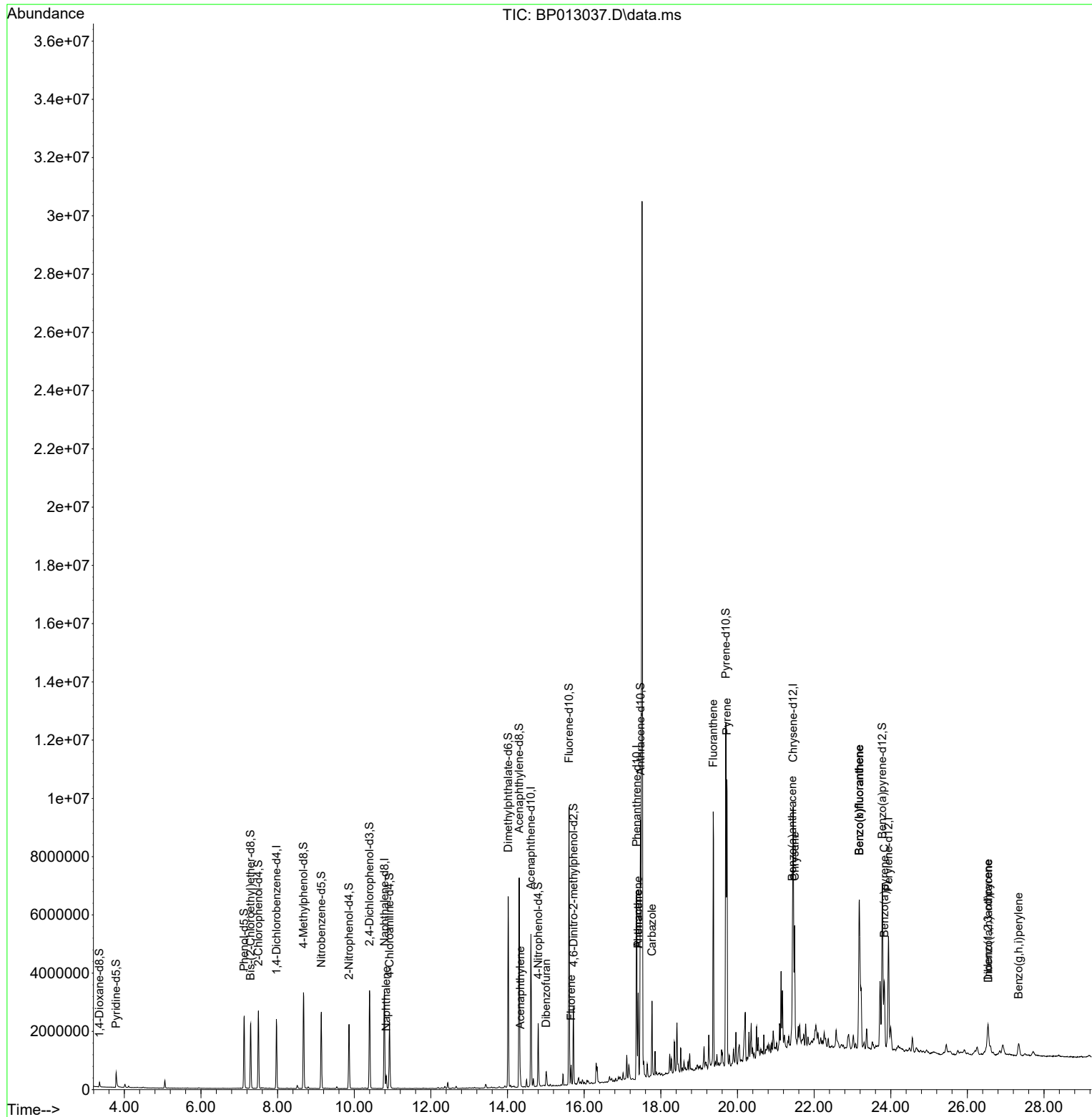
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	653047	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.787	136	2807206	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1836281	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4039861	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3374522	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3082506	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	74663	4.888	ng/uL	0.00
4) Pyridine-d5	3.787	84	298548	6.881	ng/ul	0.00
7) Phenol-d5	7.128	99	1481690	27.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	979634	30.530	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.499	132	1251730	29.893	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	1268570	29.106	ng/ul	-0.01
21) Nitrobenzene-d5	9.140	128	660486	32.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	743372	32.014	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	1304665	28.927	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.922	131	1252101	19.665	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	4418878	31.311	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	4687241	30.226	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	545566	21.491	ng/ul	-0.01
60) Fluorene-d10	15.604	176	3781762	31.675	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	604812	23.264	ng/ul	0.00
73) Anthracene-d10	17.469	188	5669486	31.107	ng/ul	0.00
81) Pyrene-d10	19.698	212	5933682	30.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	4312842	28.070	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.834	128	345131	2.351	ng/ul	99
50) Acenaphthylene	14.334	152	302926	1.817	ng/ul	98
56) Dibenzofuran	15.004	168	287843	1.752	ng/ul	99
61) Fluorene	15.657	166	293833	2.230	ng/ul	99
72) Phenanthrene	17.410	178	1787883	8.497	ng/ul	99
74) Anthracene	17.410	178	1787883	8.510	ng/ul	100
77) Carbazole	17.769	167	1546647	8.741	ng/ul	99
80) Fluoranthene	19.369	202	5166140	23.499	ng/ul	100
82) Pyrene	19.722	202	5774651	25.464	ng/ul	99
85) Benzo(a)anthracene	21.433	228	2124156	9.482	ng/ul	98
87) Chrysene	21.492	228	2971755	14.028	ng/ul	99
90) Benzo(b)fluoranthene	23.180	252	4840685	24.627	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	4840685	24.835	ng/ul	98
93) Benzo(a)pyrene	23.833	252	1779348	10.396	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.539	276	1116983	5.239	ng/ul	98
95) Dibenzo(a,h)anthracene	26.545	278	310701	1.760	ng/ul#	86
96) Benzo(g,h,i)perylene	27.339	276	617872	3.610	ng/ul	100

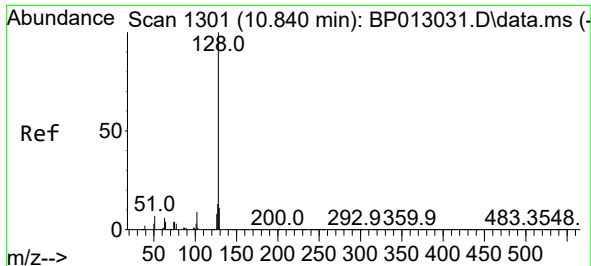
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 08 00:35:07 2022
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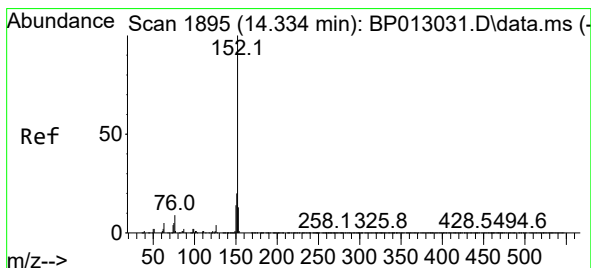
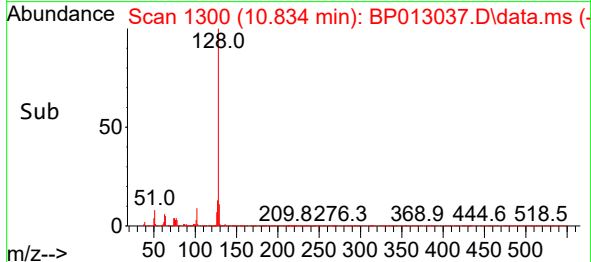
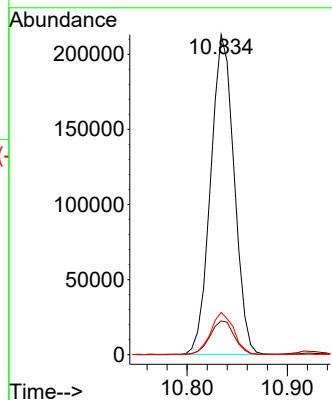
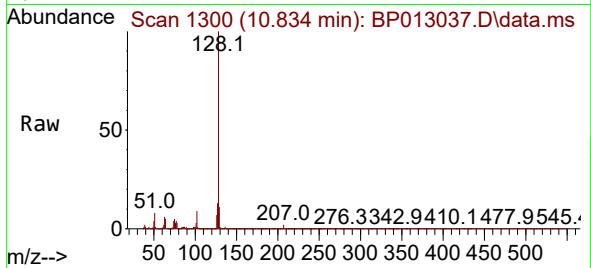




#30
Naphthalene
Concen: 2.351 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013037.D
Acq: 10 Dec 2022 13:37

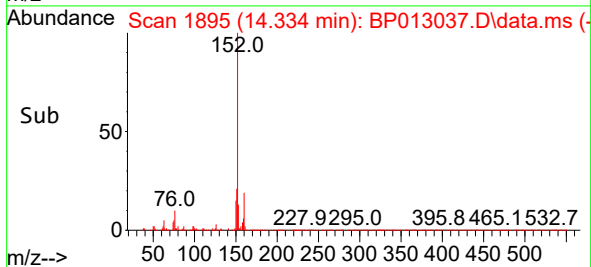
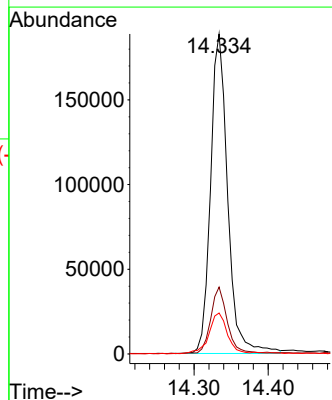
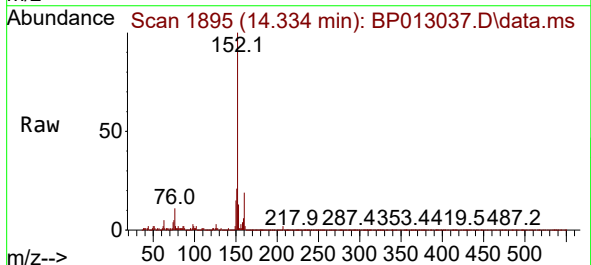
Instrument :
BNA_P
ClientSampleId :
DBXL4ME

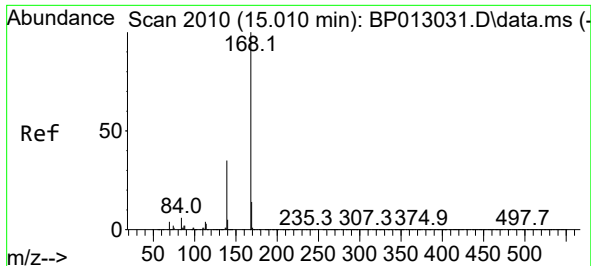
Tgt Ion:128 Resp: 345131
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.2 10.4 15.6



#50
Acenaphthylene
Concen: 1.817 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013037.D
Acq: 10 Dec 2022 13:37

Tgt Ion:152 Resp: 302926
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.6
153 12.8 10.6 16.0

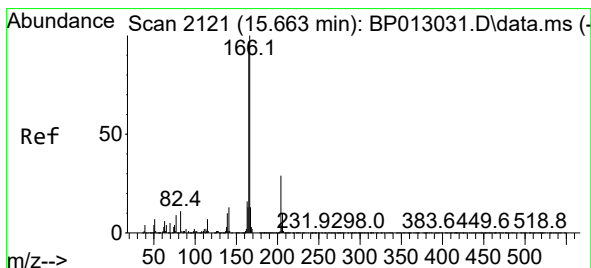
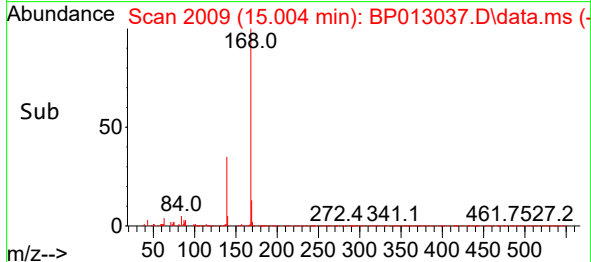
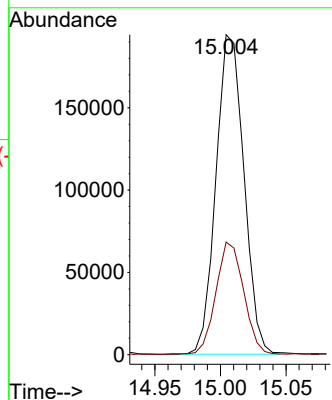
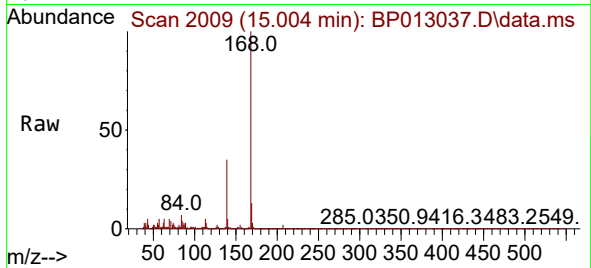




#56
Dibenzofuran
Concen: 1.752 ng/ul
RT: 15.004 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP013037.D
Acq: 10 Dec 2022 13:37

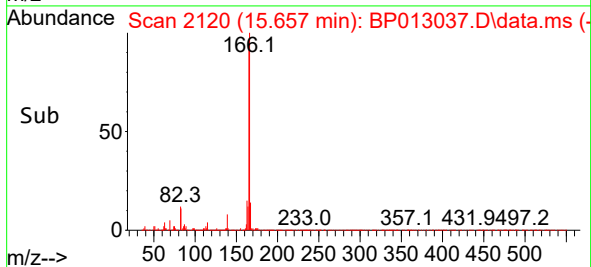
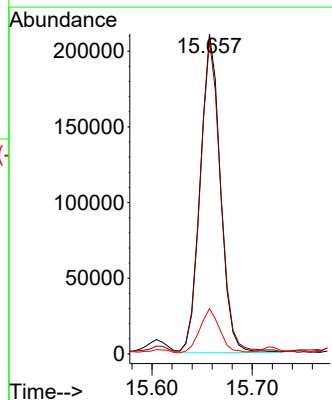
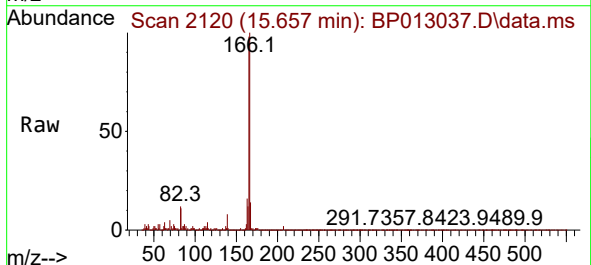
Instrument :
BNA_P
ClientSampleId :
DBXL4ME

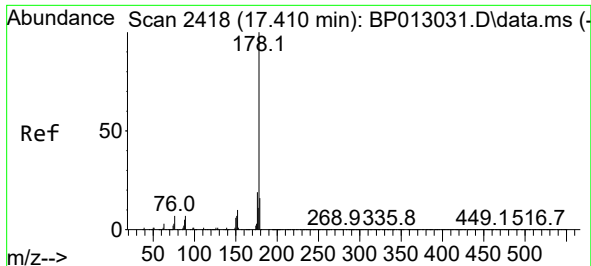
Tgt Ion:168 Resp: 287843
Ion Ratio Lower Upper
168 100
139 35.2 27.9 41.9



#61
Fluorene
Concen: 2.230 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BP013037.D
Acq: 10 Dec 2022 13:37

Tgt Ion:166 Resp: 293833
Ion Ratio Lower Upper
166 100
165 98.1 77.4 116.2
167 14.2 10.6 16.0

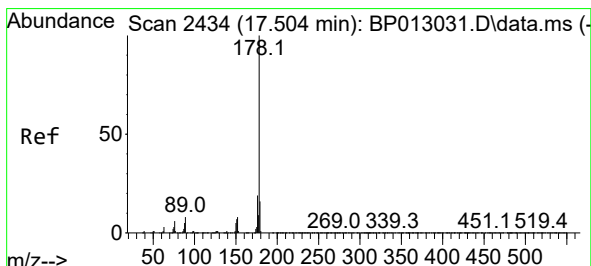
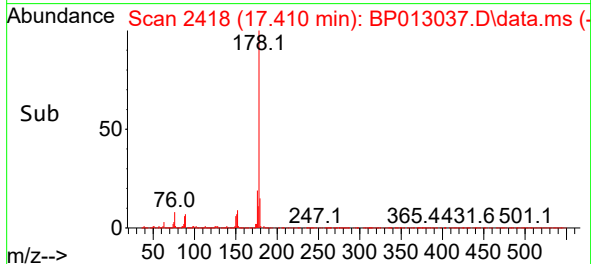
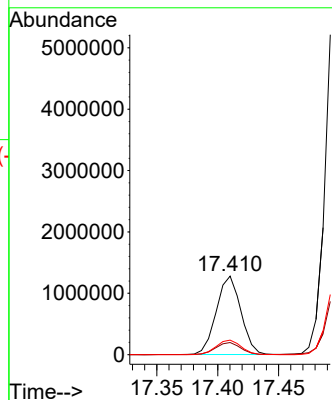
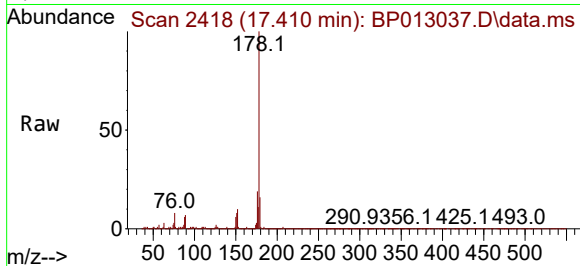




#72
Phenanthrene
Concen: 8.497 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013037.D
Acq: 10 Dec 2022 13:37

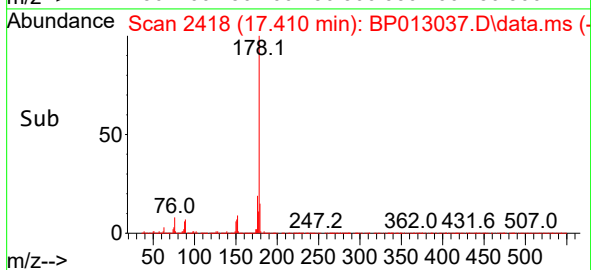
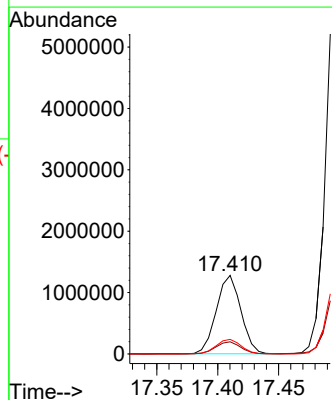
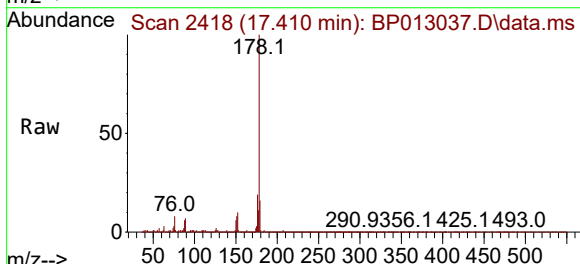
Instrument :
BNA_P
ClientSampleId :
DBXL4ME

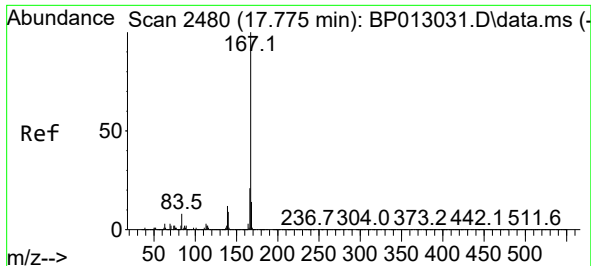
Tgt Ion:178 Resp: 1787883
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.6 15.4 23.0



#74
Anthracene
Concen: 8.510 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.100 min
Lab File: BP013037.D
Acq: 10 Dec 2022 13:37

Tgt Ion:178 Resp: 1787883
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.6 14.8 22.2

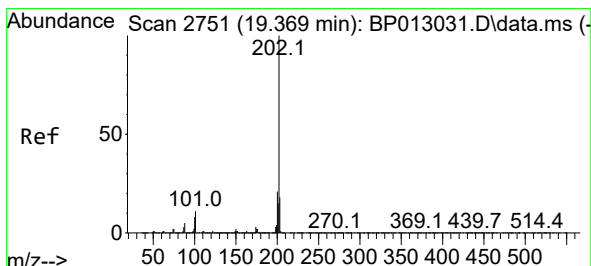
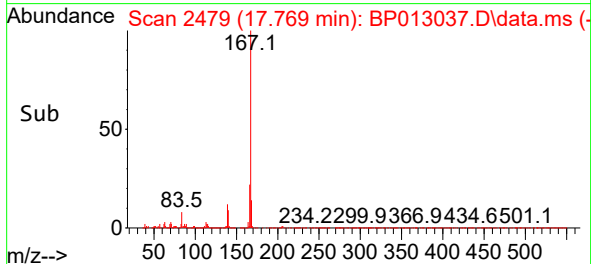
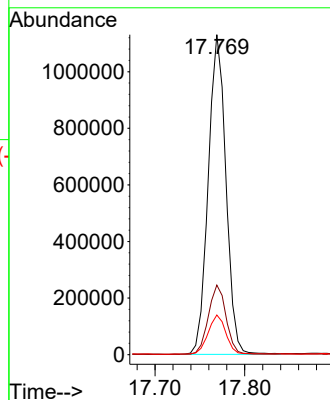
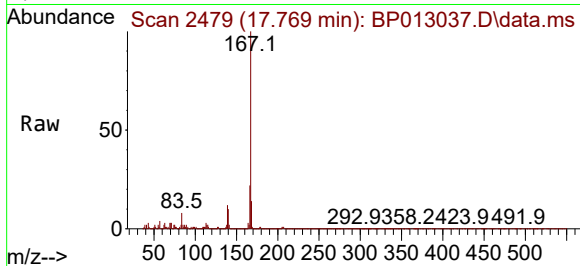




#77
 Carbazole
 Concen: 8.741 ng/ul
 RT: 17.769 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BP013037.D
 Acq: 10 Dec 2022 13:37

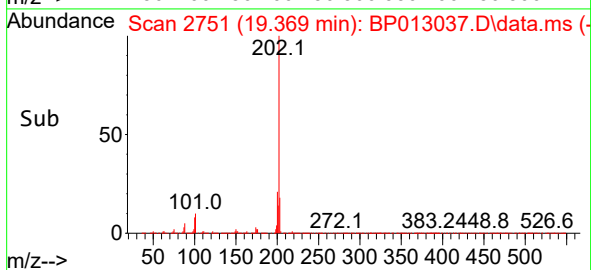
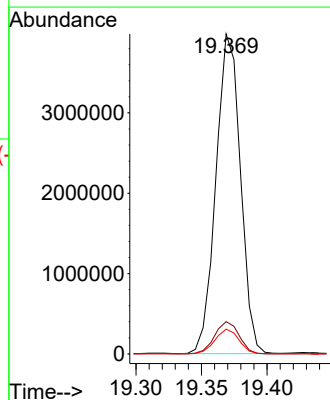
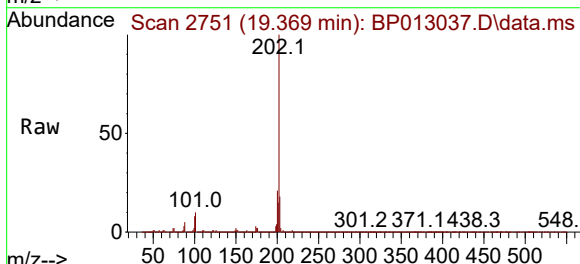
Instrument :
 BNA_P
 ClientSampleId :
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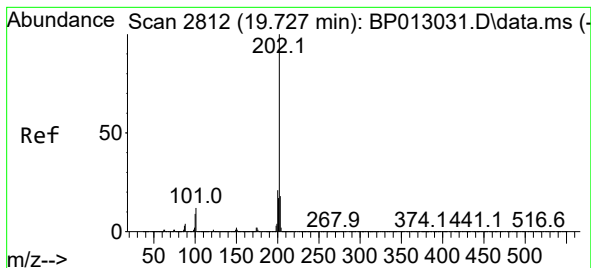
Tgt Ion:167 Resp: 1546647
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.4 9.4 14.2



#80
 Fluoranthene
 Concen: 23.499 ng/ul
 RT: 19.369 min Scan# 2751
 Delta R.T. -0.006 min
 Lab File: BP013037.D
 Acq: 10 Dec 2022 13:37

Tgt Ion:202 Resp: 5166140
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.2 12.2
 100 7.7 6.1 9.1





#82

Pyrene

Concen: 25.464 ng/ul

RT: 19.722 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013037.D

Acq: 10 Dec 2022 13:37

Instrument :

BNA_P

ClientSampleId :

DBXL4ME

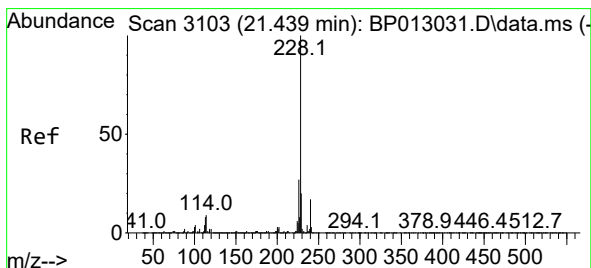
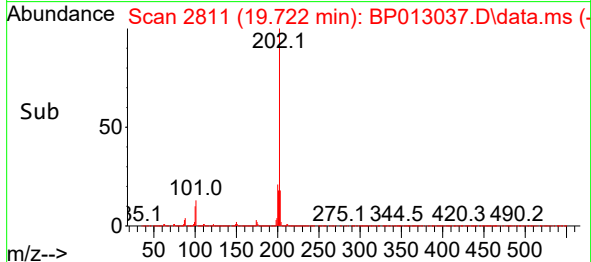
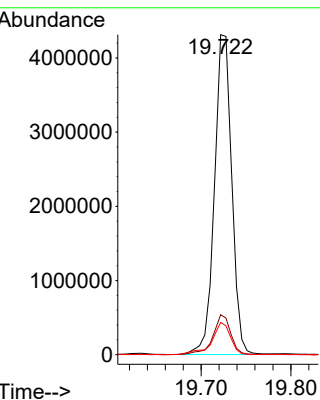
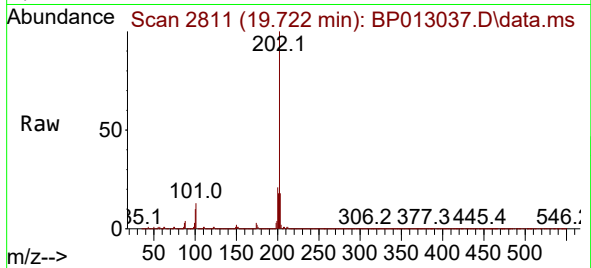
Tgt Ion:202 Resp: 5774651

Ion Ratio Lower Upper

202 100

101 12.5 9.4 14.2

100 10.0 7.8 11.8



#85

Benzo(a)anthracene

Concen: 9.482 ng/ul

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP013037.D

Acq: 10 Dec 2022 13:37

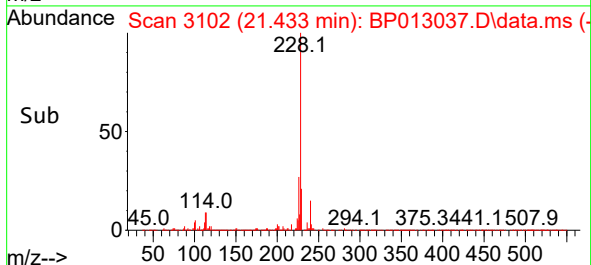
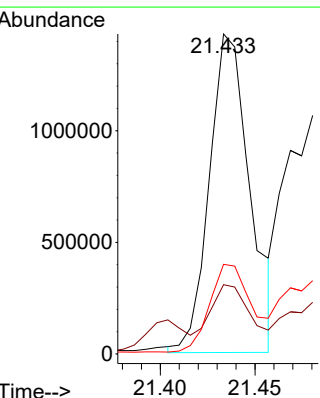
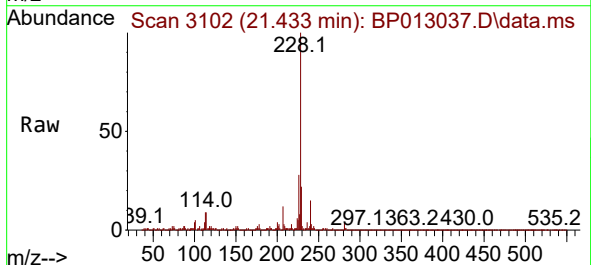
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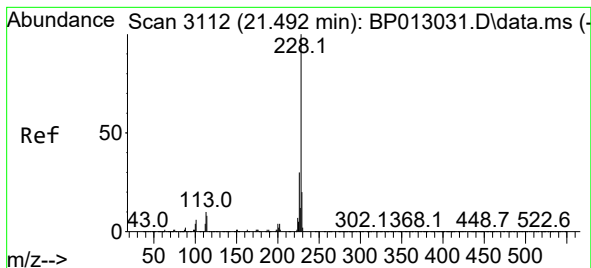
Ion Ratio Lower Upper

228 100

229 21.7 16.1 24.1

226 28.0 22.0 33.0





#87

Chrysene

Concen: 14.028 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP013037.D

Acq: 10 Dec 2022 13:37

Instrument :

BNA_P

ClientSampleId :

DBXL4ME

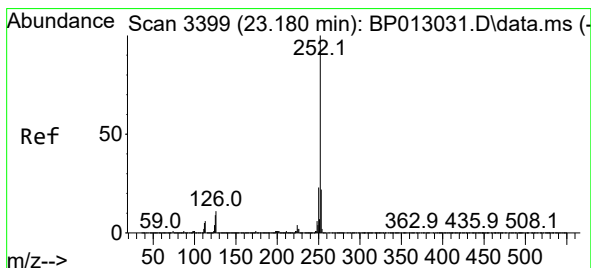
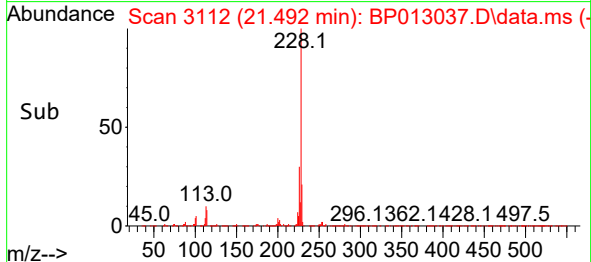
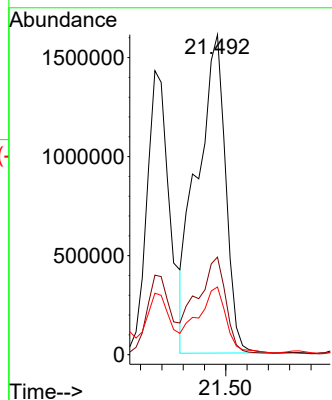
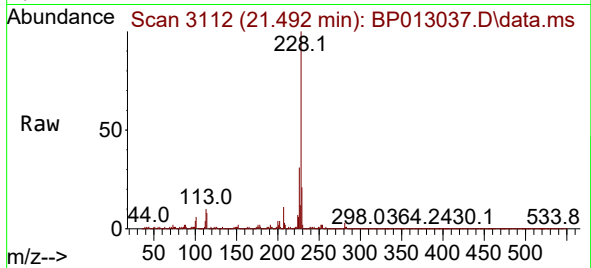
Tgt Ion:228 Resp: 2971755

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 21.1 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 24.627 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BP013037.D

Acq: 10 Dec 2022 13:37

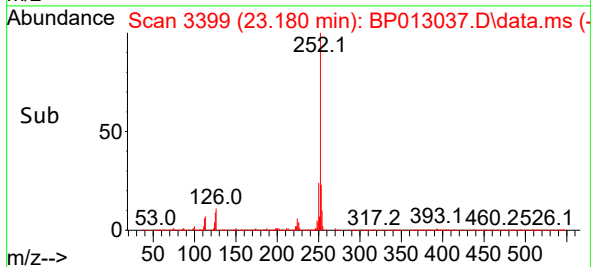
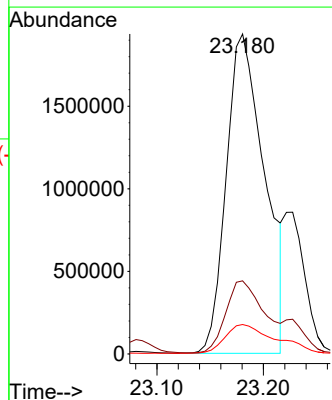
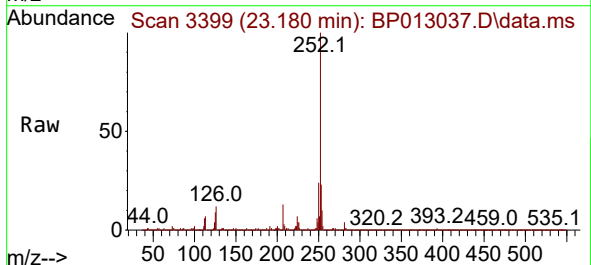
Tgt Ion:252 Resp: 4840685

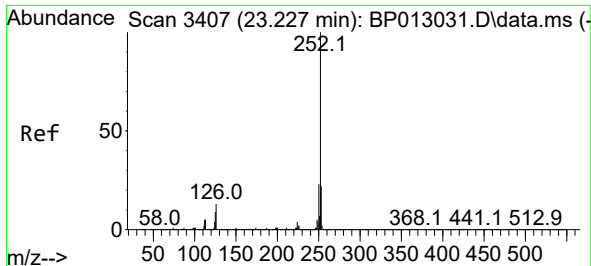
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 9.2 6.8 10.2

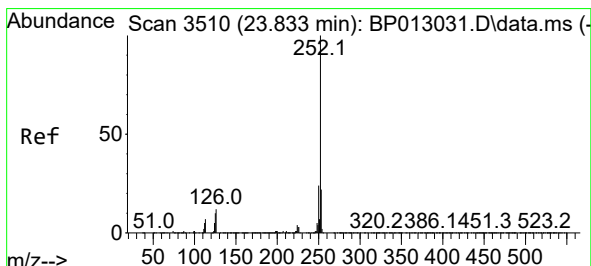
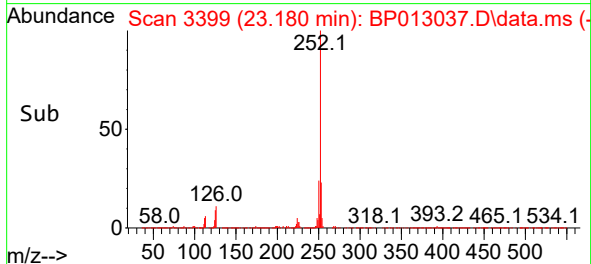
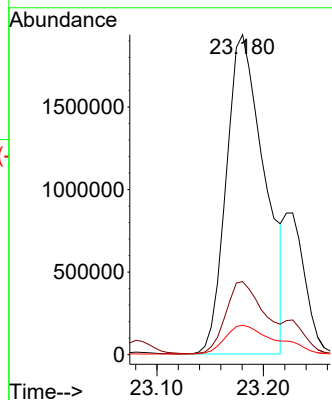
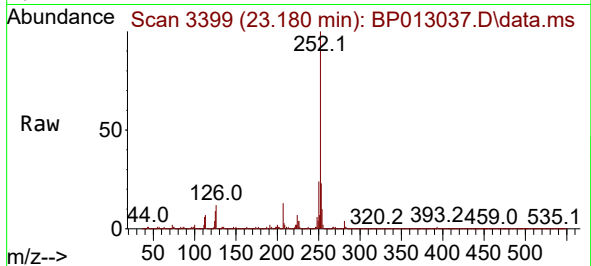




#91
Benzo(k)fluoranthene
Concen: 24.835 ng/ul
RT: 23.180 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP013037.D
Acq: 10 Dec 2022 13:37

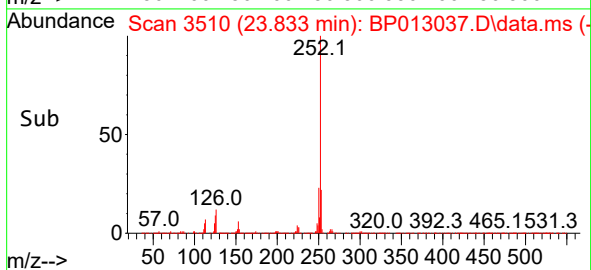
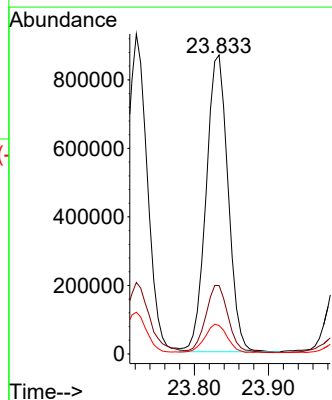
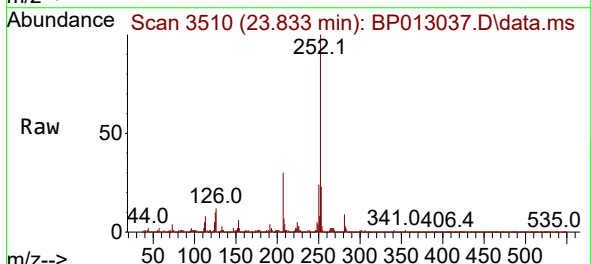
Instrument :
BNA_P
ClientSampleId :
DBXL4ME

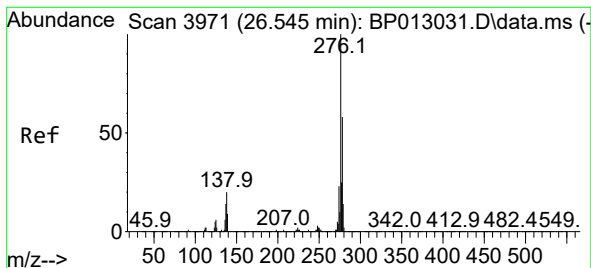
Tgt Ion:252 Resp: 4840685
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 9.2 6.8 10.2



#93
Benzo(a)pyrene
Concen: 10.396 ng/ul
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP013037.D
Acq: 10 Dec 2022 13:37

Tgt Ion:252 Resp: 1779348
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.5 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.239 ng/ul

RT: 26.539 min Scan# 3970

Delta R.T. -0.017 min

Lab File: BP013037.D

Acq: 10 Dec 2022 13:37

Instrument :

BNA_P

ClientSampleId :

DBXL4ME

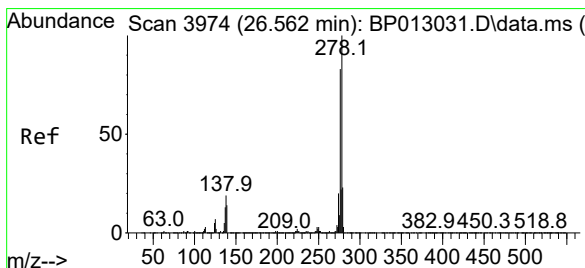
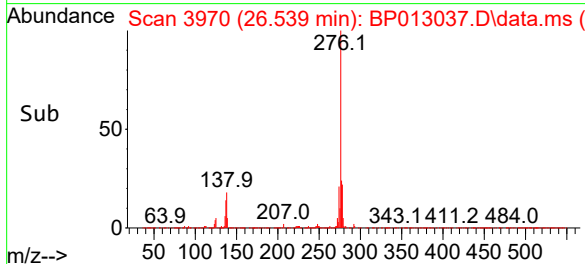
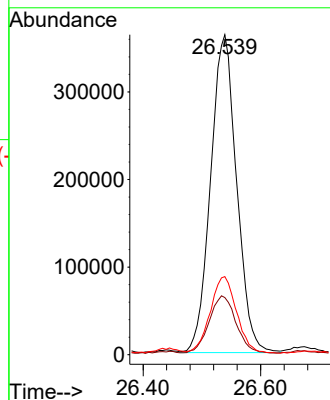
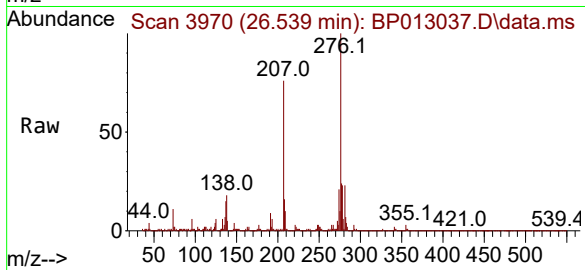
Tgt Ion:276 Resp: 1116983

Ion Ratio Lower Upper

276 100

138 22.7 17.1 25.7

277 24.4 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 1.760 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. -0.023 min

Lab File: BP013037.D

Acq: 10 Dec 2022 13:37

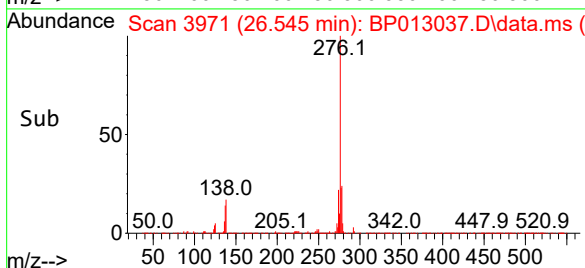
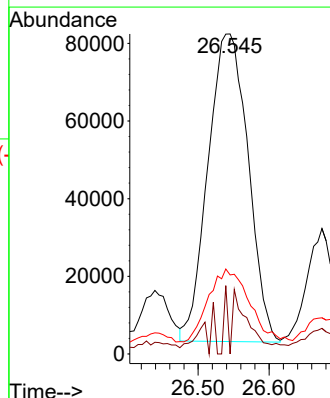
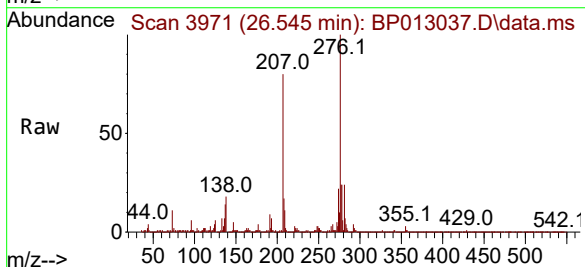
Tgt Ion:278 Resp: 310701

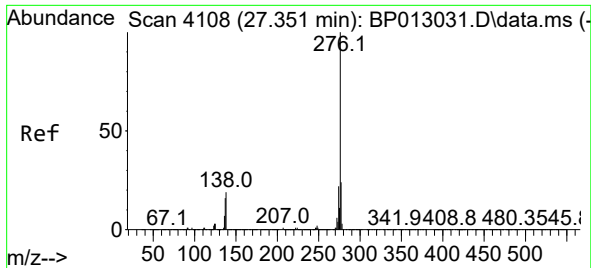
Ion Ratio Lower Upper

278 100

139 0.0 11.1 16.7#

279 24.7 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 3.610 ng/ul
 RT: 27.339 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BP013037.D
 Acq: 10 Dec 2022 13:37

Instrument :
 BNA_P
 ClientSampleId :
 DBXL4ME

Tgt Ion:276 Resp: 617872
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.4 23.2
 277 24.1 19.1 28.7

