

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013035.D
 Acq On : 10 Dec 2022 12:29
 Operator : CG/JU
 Sample : N5832-15ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXL0ME

Quant Time: Dec 11 23:49:35 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)

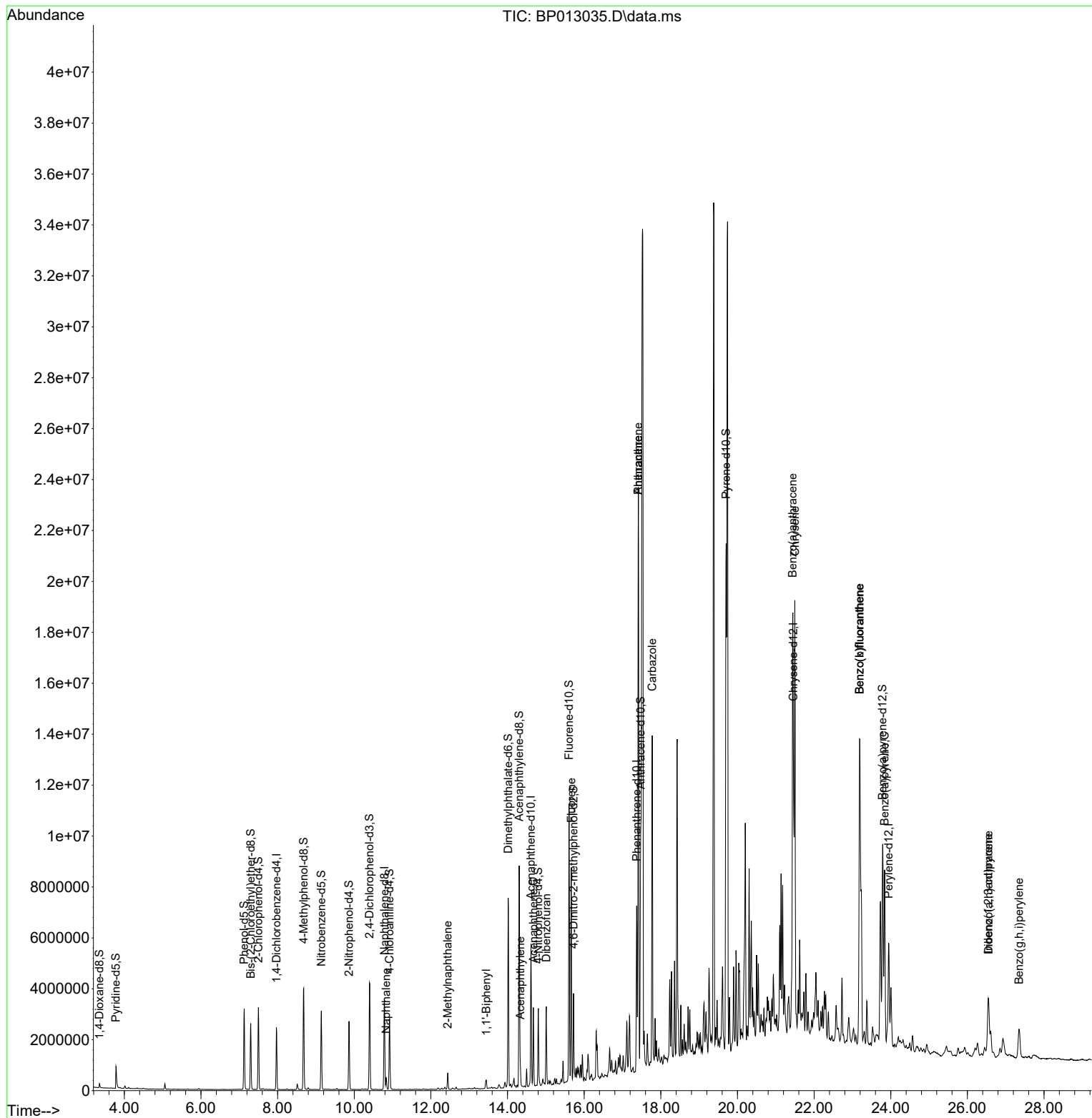
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	688530	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.787	136	2947064	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1923192	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4212441	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3431186	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	3352081	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	82794	5.141	ng/uL	0.00
4) Pyridine-d5	3.781	84	501262	10.958	ng/ul	0.00
7) Phenol-d5	7.128	99	1852603	33.034	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	1123411	33.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1515818	34.334	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	1552277	33.780	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	785331	36.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	908296	37.260	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	1647167	34.788	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.922	131	1525355	22.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	5219045	35.310	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	5848626	36.011	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	768699	28.912	ng/ul	0.00
60) Fluorene-d10	15.604	176	4501315	35.998	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	773006	28.516	ng/ul	0.00
73) Anthracene-d10	17.475	188	6945563	36.547	ng/ul	0.00
81) Pyrene-d10	19.704	212	7640301	38.793	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	6318110	37.815	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.834	128	374061	2.427	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	306923	2.903	ng/ul	98
43) 1,1'-Biphenyl	13.445	154	162209	1.123	ng/ul	99
50) Acenaphthylene	14.334	152	569777	3.263	ng/ul	99
52) Acenaphthene	14.675	153	1186621	9.807	ng/ul	98
56) Dibenzofuran	15.010	168	1869020	10.864	ng/ul	98
61) Fluorene	15.663	166	3786880	27.447	ng/ul	99
72) Phenanthrene	17.410	178	14663809	66.833	ng/ul	95
74) Anthracene	17.410	178	14663809	66.934	ng/ul	94
77) Carbazole	17.775	167	8360132	45.312	ng/ul	99
85) Benzo(a)anthracene	21.439	228	9478413	41.612	ng/ul	97
87) Chrysene	21.498	228	11148545	51.756	ng/ul	97
90) Benzo(b)fluoranthene	23.186	252	12508529	58.518	ng/ul	98
91) Benzo(k)fluoranthene	23.186	252	12508529	59.014	ng/ul	98
93) Benzo(a)pyrene	23.839	252	5116061	27.488	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.545	276	2621549	11.308	ng/ul	98
95) Dibenzo(a,h)anthracene	26.551	278	691574	3.603	ng/ul#	85
96) Benzo(g,h,i)perylene	27.351	276	1732814	9.310	ng/ul	99

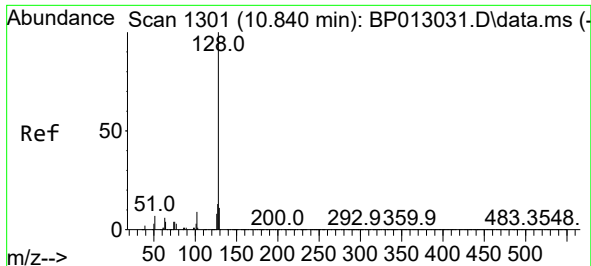
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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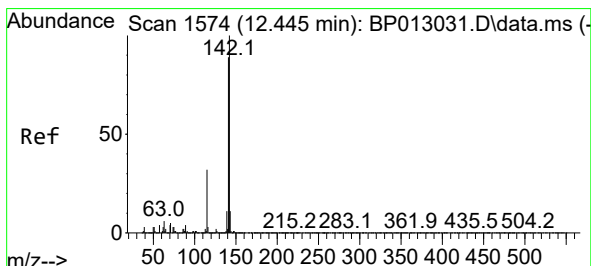
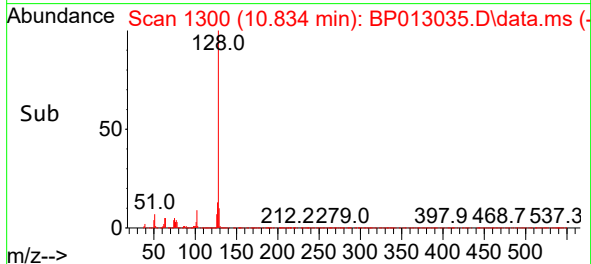
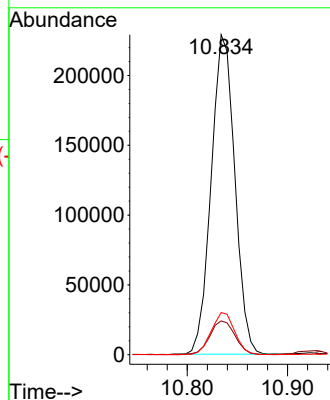
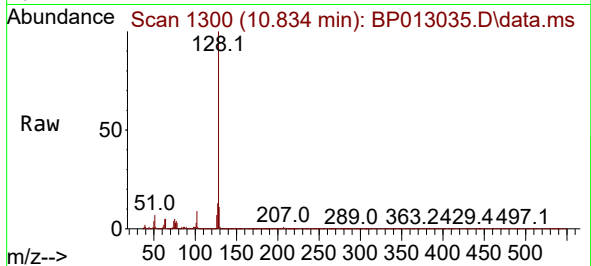




#30
Naphthalene
Concen: 2.427 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

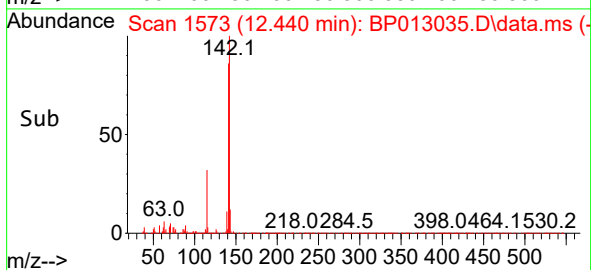
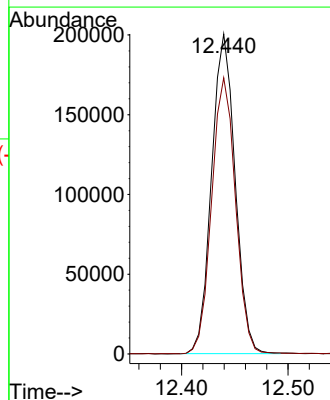
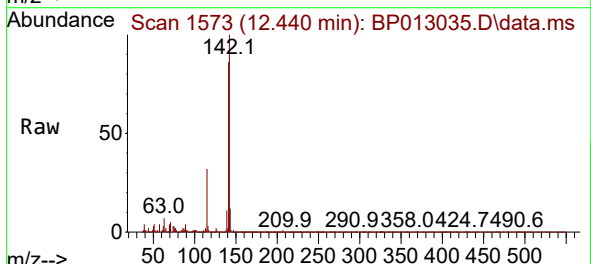
Instrument :
BNA_P
ClientSampleId :
DBXL0ME

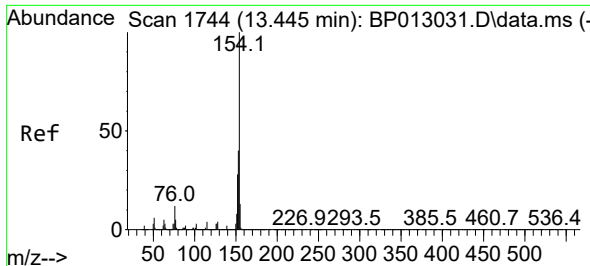
Tgt Ion:128 Resp: 374061
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.1 10.4 15.6



#36
2-Methylnaphthalene
Concen: 2.903 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

Tgt Ion:142 Resp: 306923
Ion Ratio Lower Upper
142 100
141 86.3 70.8 106.2

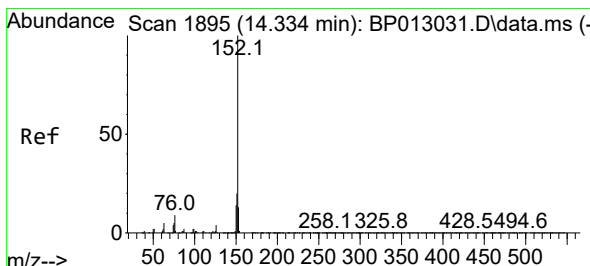
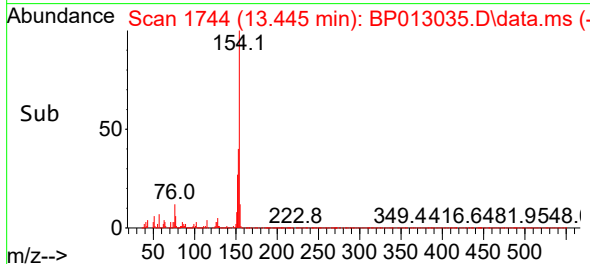
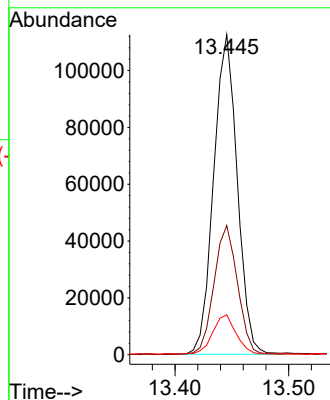
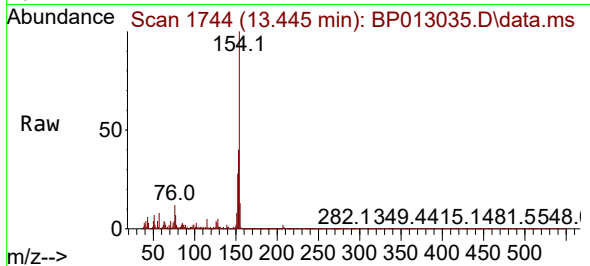




#43
1,1'-Biphenyl
Concen: 1.123 ng/ul
RT: 13.445 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

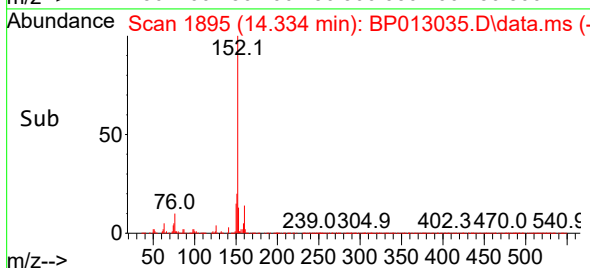
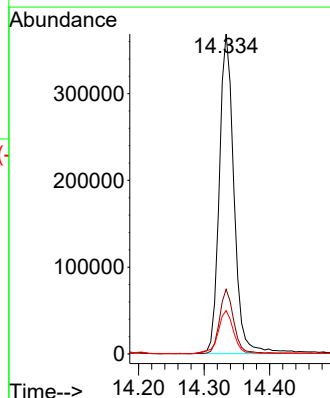
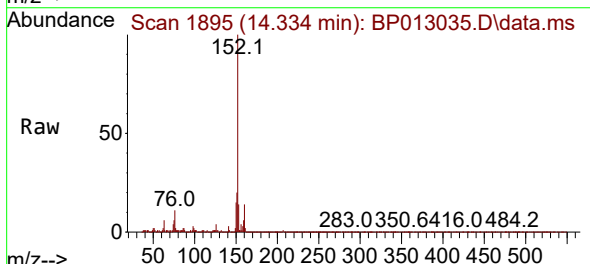
Instrument :
BNA_P
ClientSampleId :
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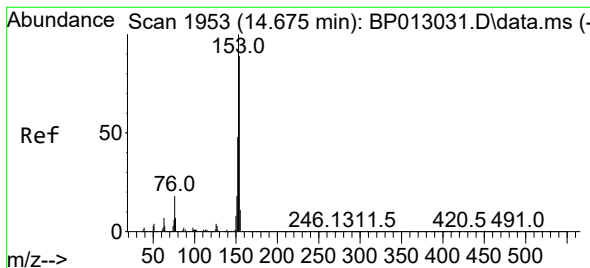
Tgt Ion:154 Resp: 162209
Ion Ratio Lower Upper
154 100
153 40.4 31.5 47.3
76 12.4 9.6 14.4



#50
Acenaphthylene
Concen: 3.263 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

Tgt Ion:152 Resp: 569777
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.5 10.6 16.0





#52

Acenaphthene

Concen: 9.807 ng/ul

RT: 14.675 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BP013035.D

Acq: 10 Dec 2022 12:29

Instrument :

BNA_P

ClientSampleId :

DBXL0ME

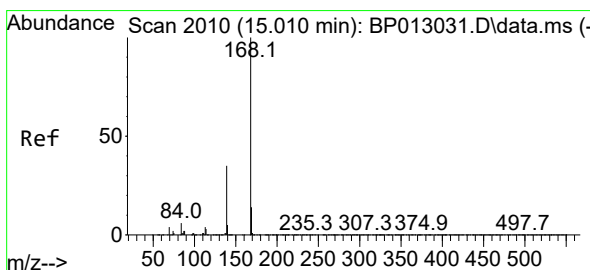
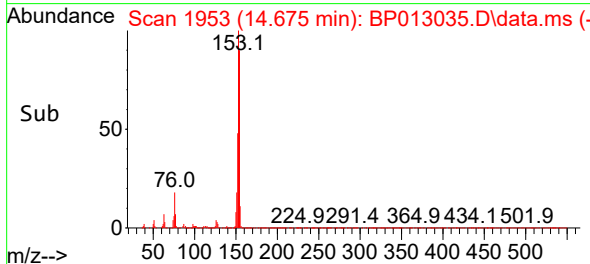
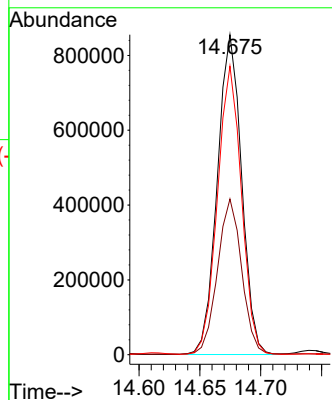
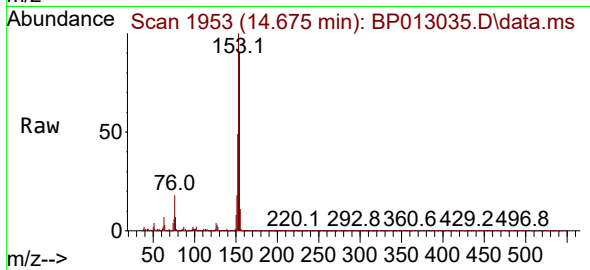
Tgt Ion:153 Resp: 1186621

Ion Ratio Lower Upper

153 100

152 48.6 38.2 57.4

154 90.1 70.8 106.2



#56

Dibenzofuran

Concen: 10.864 ng/ul

RT: 15.010 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP013035.D

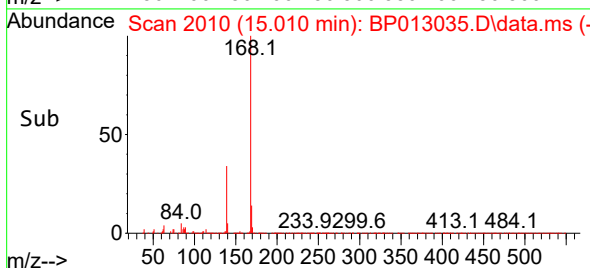
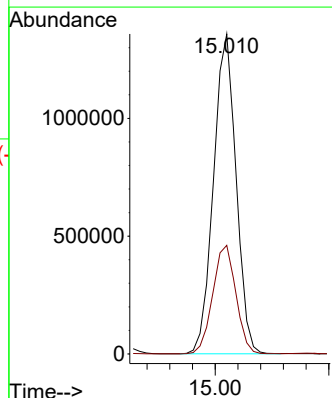
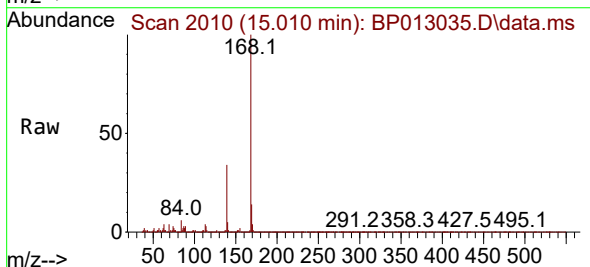
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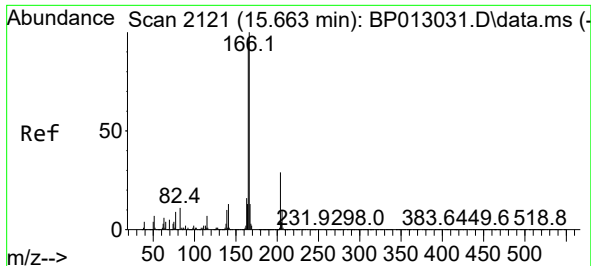
Tgt Ion:168 Resp: 1869020

Ion Ratio Lower Upper

168 100

139 34.0 27.9 41.9

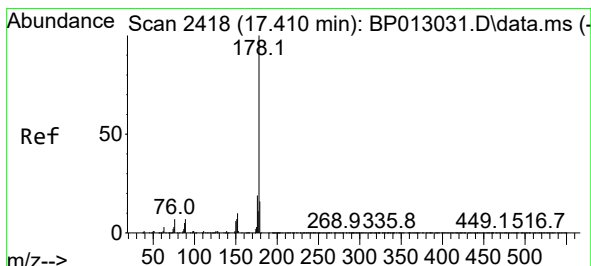
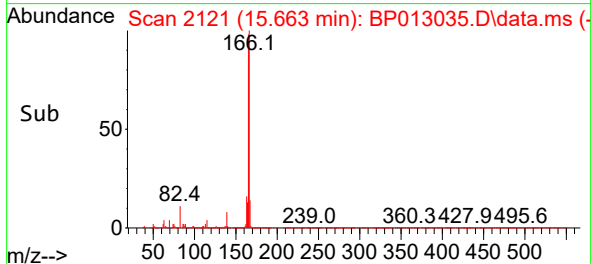
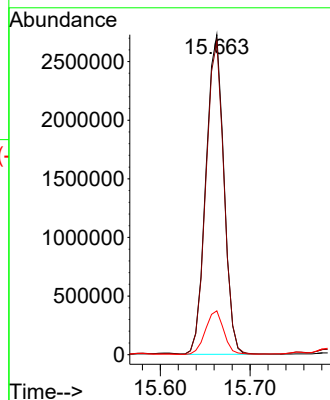
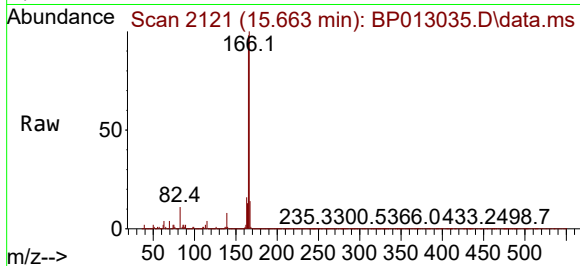




#61
Fluorene
Concen: 27.447 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

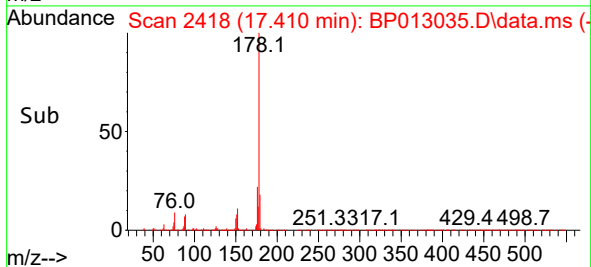
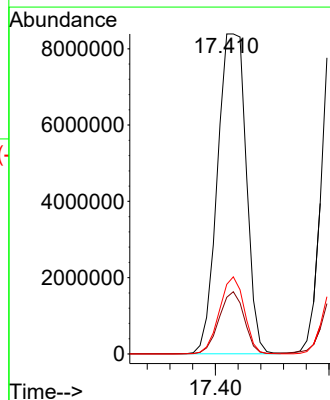
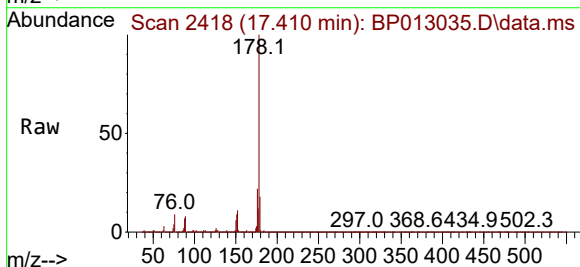
Instrument :
BNA_P
ClientSampleId :
DBXL0ME

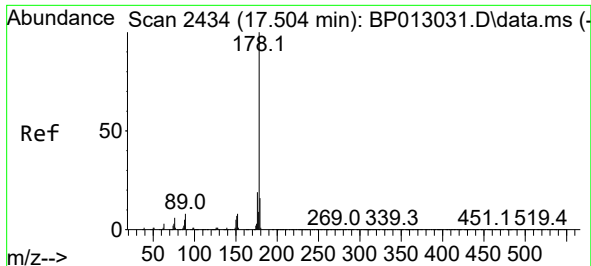
Tgt Ion:166 Resp: 3786880
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.2
167 13.7 10.6 16.0



#72
Phenanthrene
Concen: 66.833 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

Tgt Ion:178 Resp:14663809
Ion Ratio Lower Upper
178 100
179 17.7 12.5 18.7
176 21.7 15.4 23.0

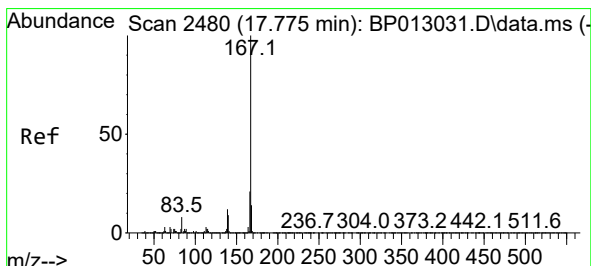
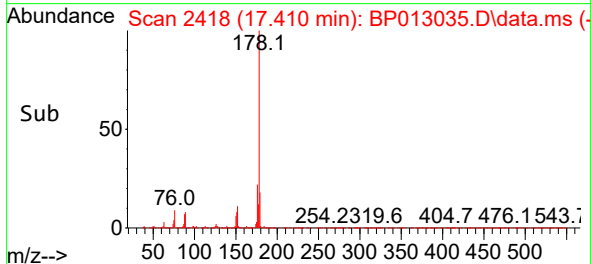
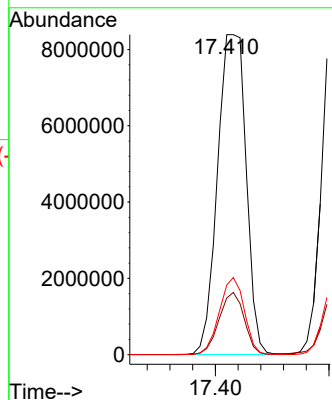
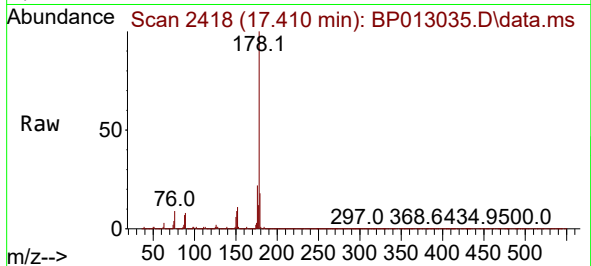




#74
 Anthracene
 Concen: 66.934 ng/ul
 RT: 17.410 min Scan# 2434
 Delta R.T. -0.100 min
 Lab File: BP013035.D
 Acq: 10 Dec 2022 12:29

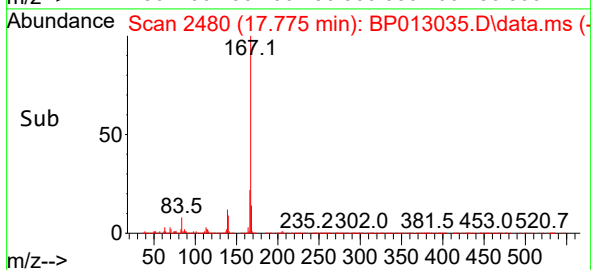
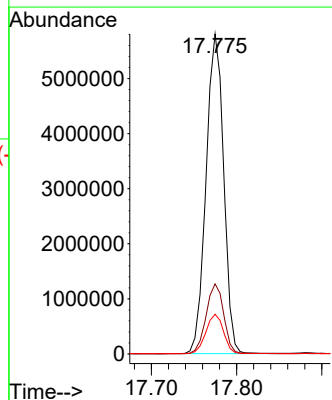
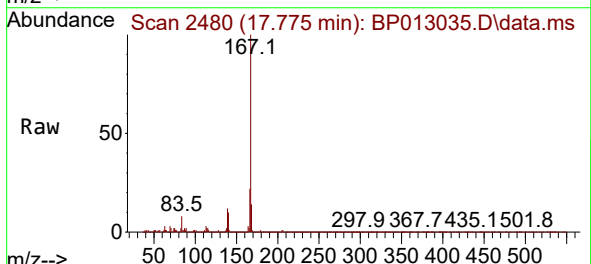
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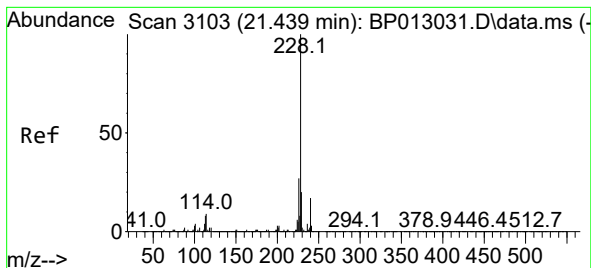
Tgt Ion:178 Resp:14663809
 Ion Ratio Lower Upper
 178 100
 179 17.7 12.5 18.7
 176 21.7 14.8 22.2



#77
 Carbazole
 Concen: 45.312 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP013035.D
 Acq: 10 Dec 2022 12:29

Tgt Ion:167 Resp: 8360132
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.4 9.4 14.2





#85

Benzo(a)anthracene

Concen: 41.612 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013035.D

Acq: 10 Dec 2022 12:29

Instrument :

BNA_P

ClientSampleId :

DBXL0ME

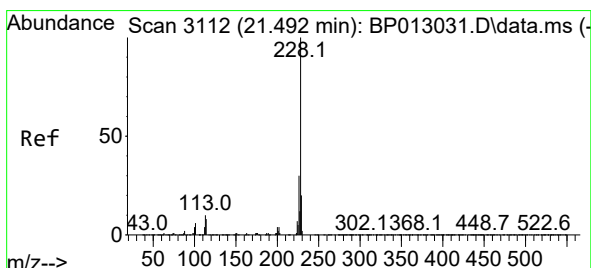
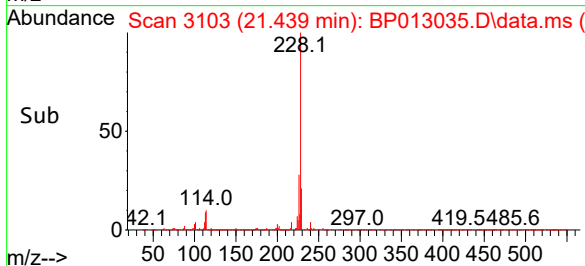
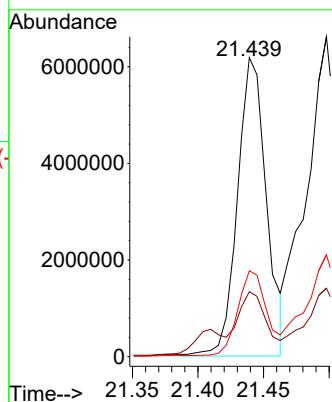
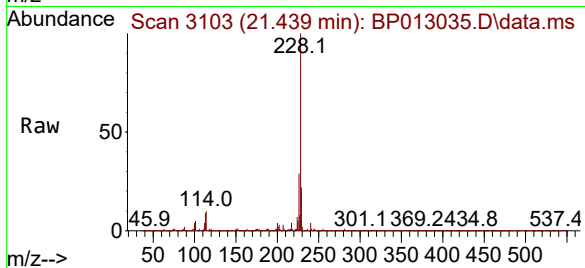
Tgt Ion:228 Resp: 9478413

Ion Ratio Lower Upper

228 100

229 21.7 16.1 24.1

226 28.8 22.0 33.0



#87

Chrysene

Concen: 51.756 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP013035.D

Acq: 10 Dec 2022 12:29

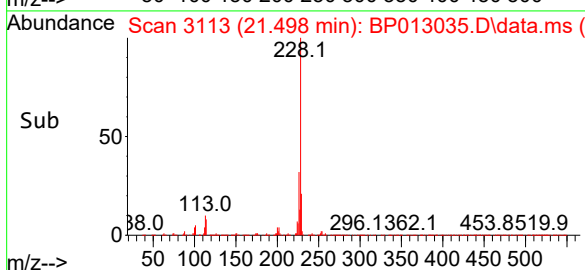
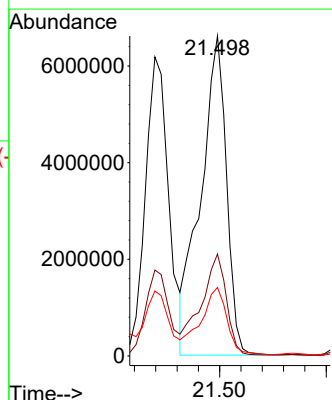
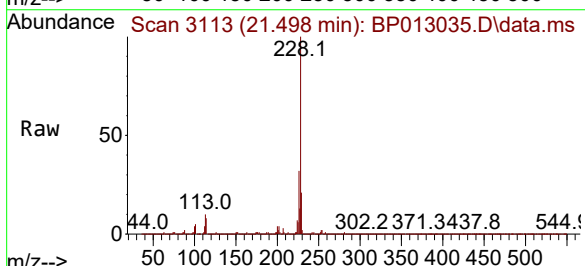
Tgt Ion:228 Resp:11148545

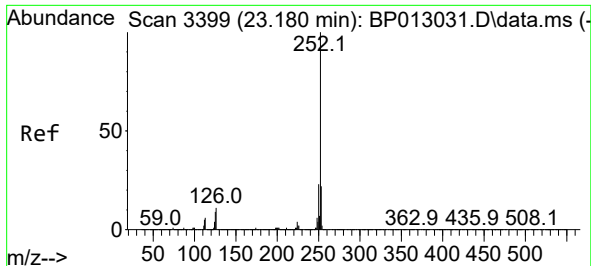
Ion Ratio Lower Upper

228 100

226 31.9 24.5 36.7

229 21.4 16.0 24.0

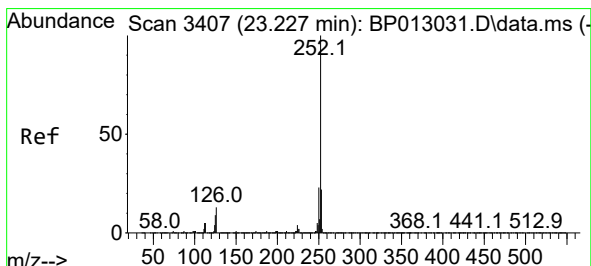
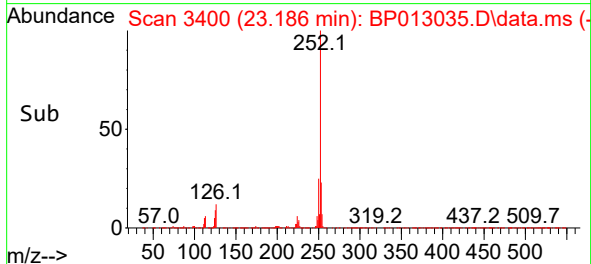
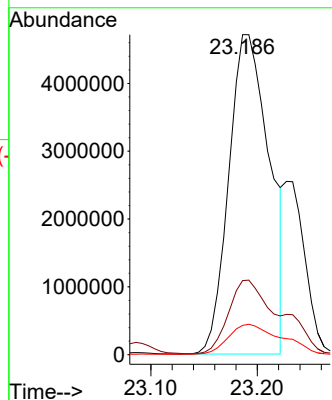
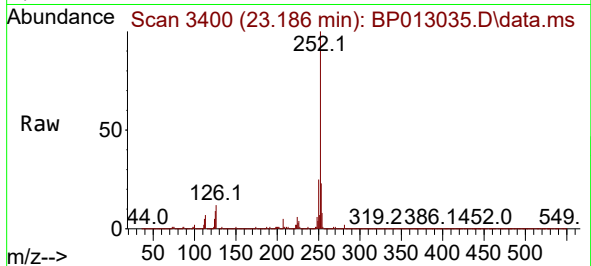




#90
Benzo(b)fluoranthene
Concen: 58.518 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

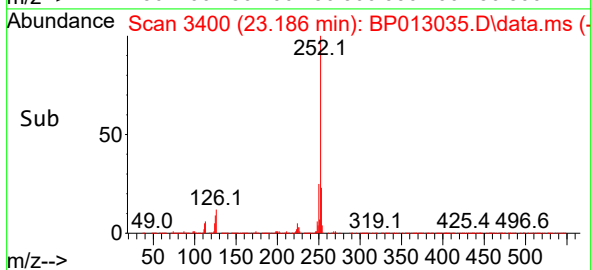
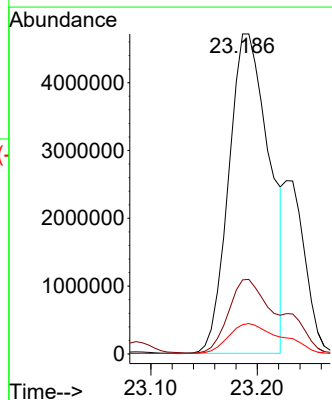
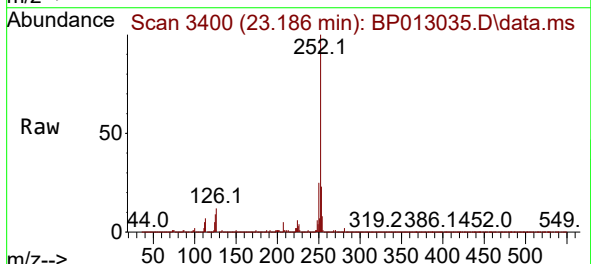
Instrument :
BNA_P
ClientSampleId :
DBXL0ME

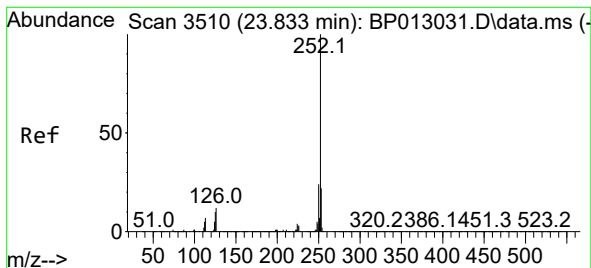
Tgt Ion:252 Resp:12508529
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.2 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 59.014 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. -0.047 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

Tgt Ion:252 Resp:12508529
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.2 6.8 10.2





#93

Benzo(a)pyrene

Concen: 27.488 ng/ul

RT: 23.839 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BP013035.D

Acq: 10 Dec 2022 12:29

Instrument :

BNA_P

ClientSampleId :

DBXL0ME

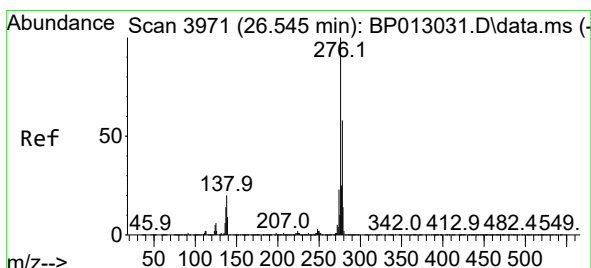
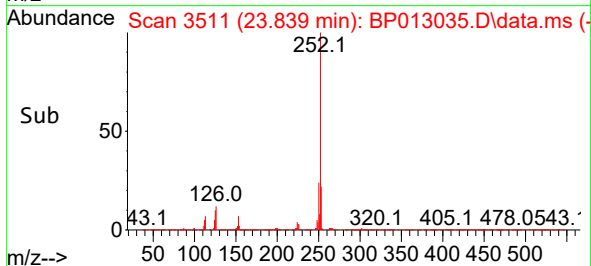
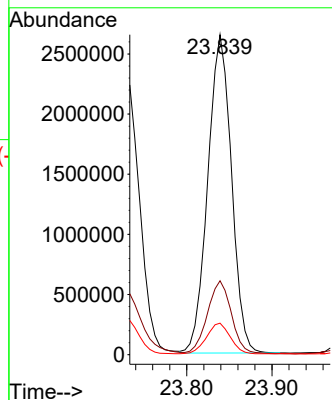
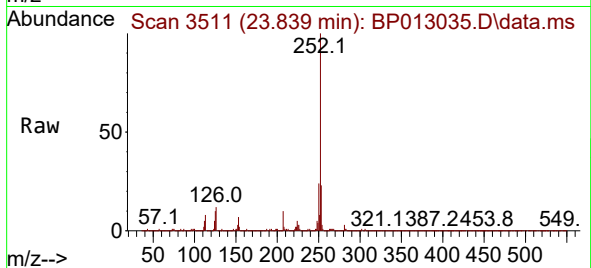
Tgt Ion:252 Resp: 5116061

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 9.8 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.308 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BP013035.D

Acq: 10 Dec 2022 12:29

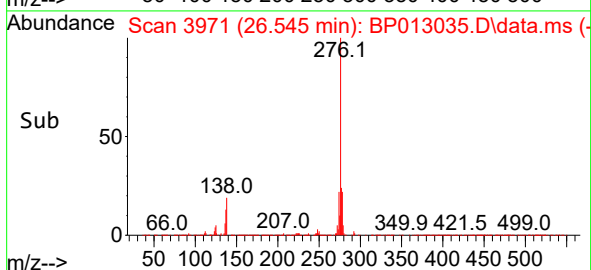
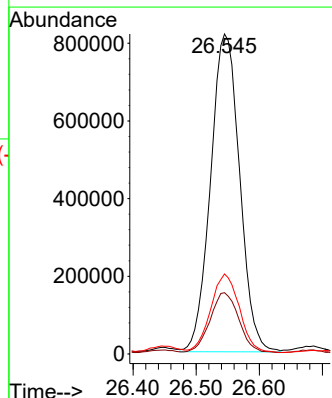
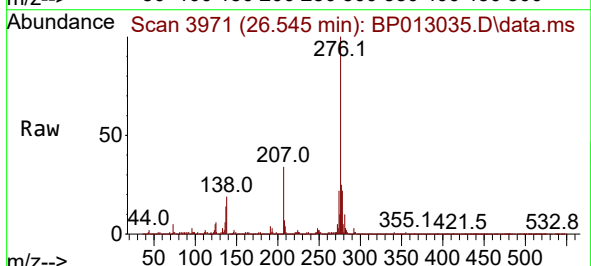
Tgt Ion:276 Resp: 2621549

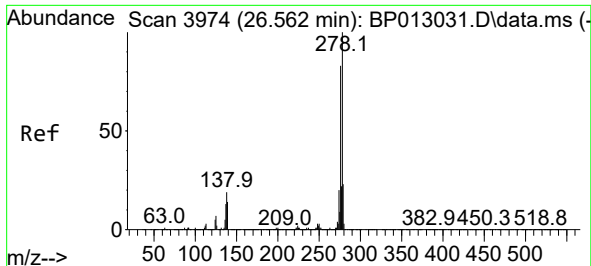
Ion Ratio Lower Upper

276 100

138 19.2 17.1 25.7

277 25.0 20.0 30.0

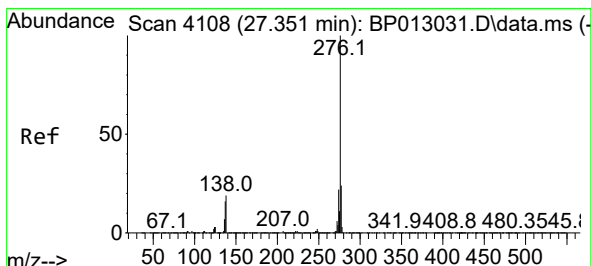
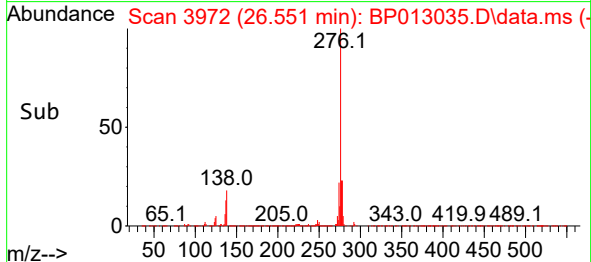
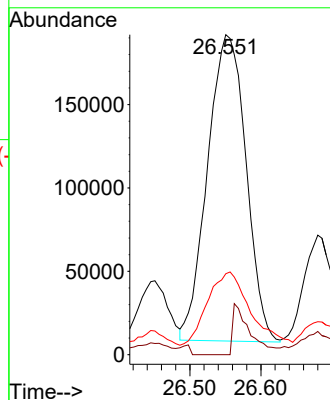
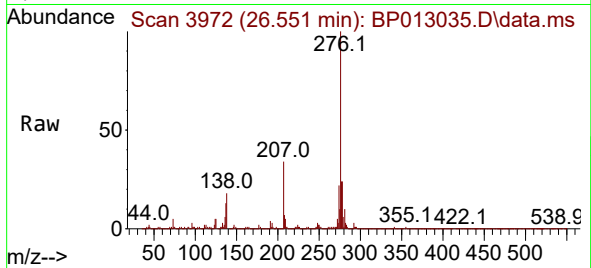




#95
Dibenzo(a,h)anthracene
Concen: 3.603 ng/ul
RT: 26.551 min Scan# 3974
Delta R.T. -0.018 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

Instrument :
BNA_P
ClientSampleId :
DBXL0ME

Tgt Ion:278 Resp: 691574
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7#
279 25.3 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 9.310 ng/ul
RT: 27.351 min Scan# 4108
Delta R.T. 0.000 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

Tgt Ion:276 Resp: 1732814
Ion Ratio Lower Upper
276 100
138 18.7 15.4 23.2
277 24.2 19.1 28.7

