

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013012.D
 Acq On : 09 Dec 2022 10:29
 Operator : CG/JU
 Sample : N5726-08DL 20X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXP0DL

Quant Time: Dec 09 21:51:05 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)

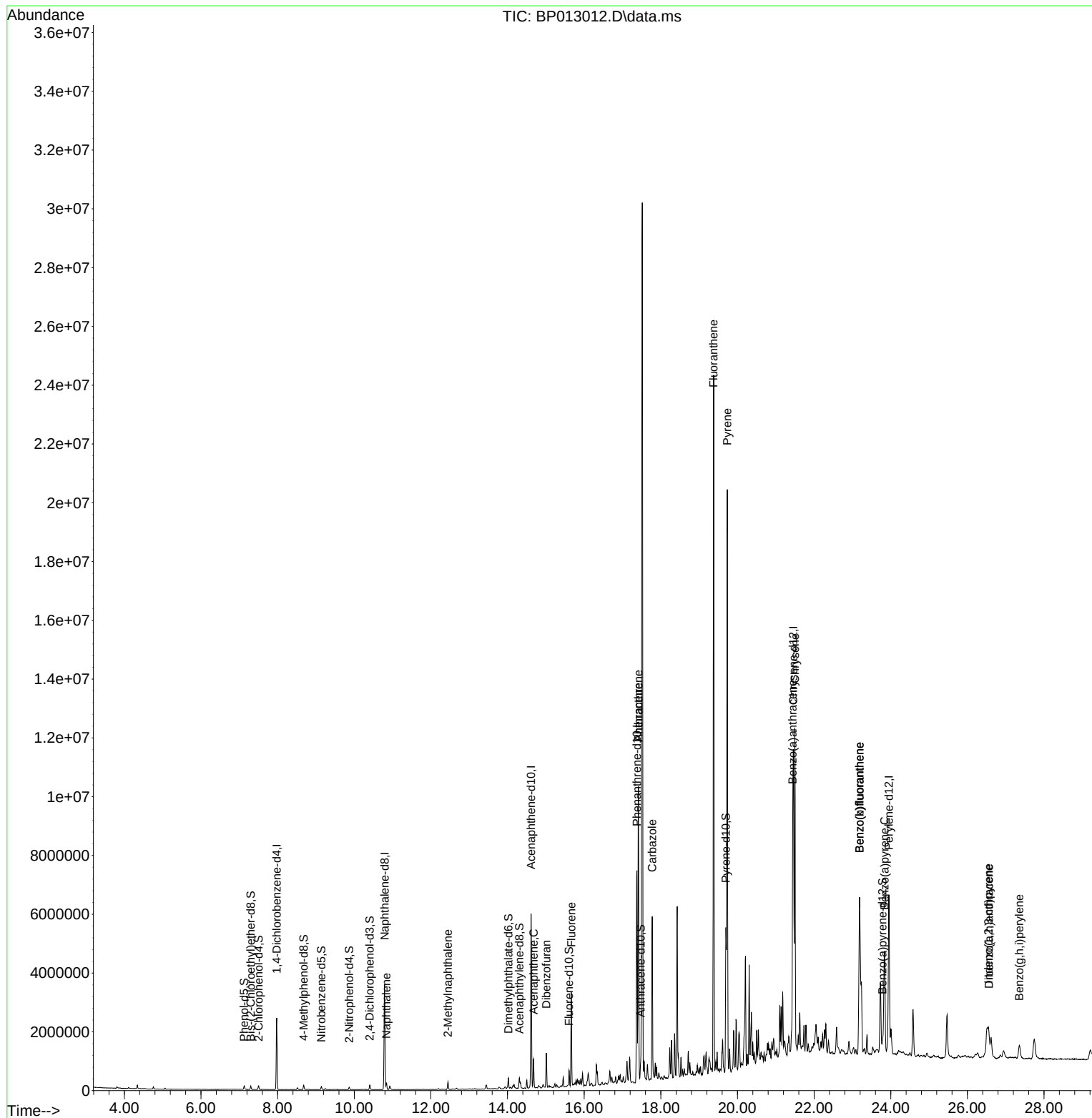
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	682823	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	3043724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	2072673	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	4637055	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	4395865	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	4353095	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	3661	0.229	ng/uL	0.00
4) Pyridine-d5	3.787	84	921	0.020	ng/ul	0.00
7) Phenol-d5	7.128	99	71095	1.278	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	51290	1.529	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	60846	1.390	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	57938	1.271	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	26948	1.205	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	26614	1.057	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	62331	1.275	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	68854	0.997	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	239722	1.505	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	234560	1.340	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	12773	0.446	ng/ul	0.00
60) Fluorene-d10	15.604	176	223242	1.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	18909	0.634	ng/ul	0.00
73) Anthracene-d10	17.475	188	361752	1.729	ng/ul	0.00
81) Pyrene-d10	19.698	212	458496	1.817	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	390969	1.802	ng/ul	0.00
Target Compounds				Qvalue		
30) Naphthalene	10.840	128	182823	1.149	ng/ul	99
36) 2-Methylnaphthalene	12.446	142	123661	1.132	ng/ul	98
52) Acenaphthene	14.681	153	404665	3.103	ng/ul	100
56) Dibenzofuran	15.010	168	731266	3.944	ng/ul	99
61) Fluorene	15.663	166	1424341	9.579	ng/ul	99
72) Phenanthrene	17.416	178	6132735	25.392	ng/ul	100
74) Anthracene	17.416	178	6132735	25.430	ng/ul	99
77) Carbazole	17.775	167	3380486	16.645	ng/ul	99
80) Fluoranthene	19.375	202	13470208	47.036	ng/ul#	95
82) Pyrene	19.733	202	12434136	42.090	ng/ul	98
85) Benzo(a)anthracene	21.439	228	4049861	13.878	ng/ul	99
87) Chrysene	21.498	228	6604744	23.933	ng/ul	99
90) Benzo(b)fluoranthene	23.186	252	5258399	18.943	ng/ul	98
91) Benzo(k)fluoranthene	23.186	252	5258399	19.104	ng/ul	98
93) Benzo(a)pyrene	23.839	252	2187947	9.052	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.551	276	992556	3.297	ng/ul	98
95) Dibenzo(a,h)anthracene	26.563	278	280437	1.125	ng/ul#	84
96) Benzo(g,h,i)perylene	27.357	276	662919	2.743	ng/ul	98

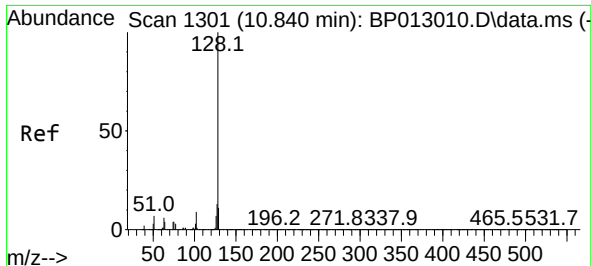
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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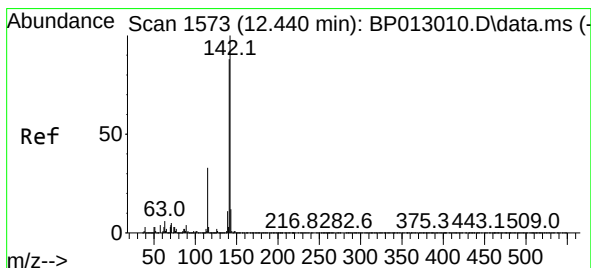
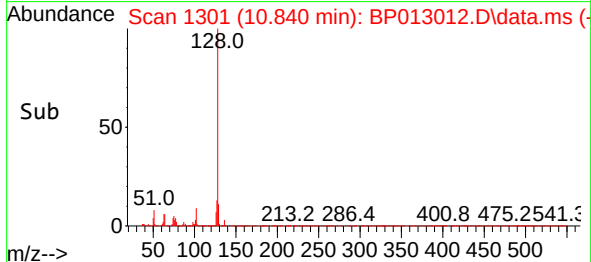
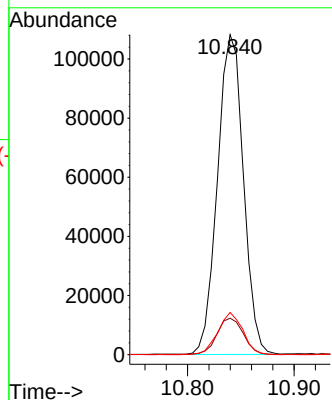
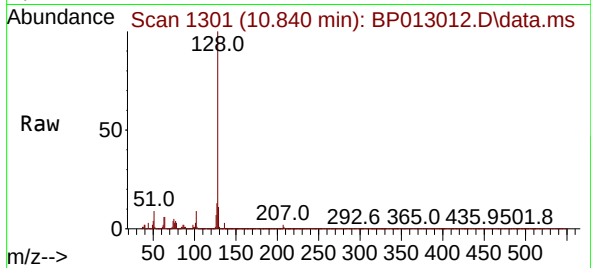




#30
Naphthalene
Concen: 1.149 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

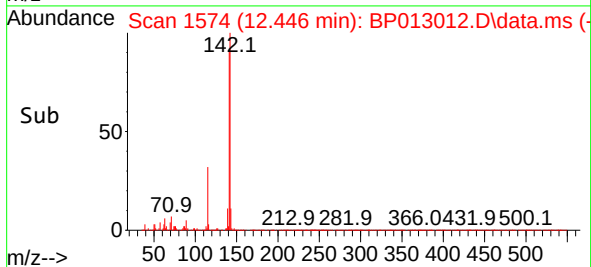
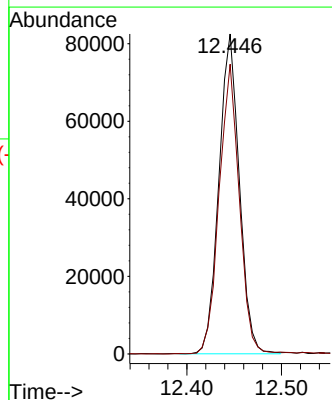
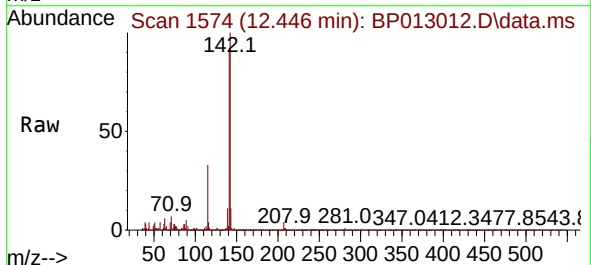
Instrument :
BNA_P
ClientSampleId :
DBXP0DL

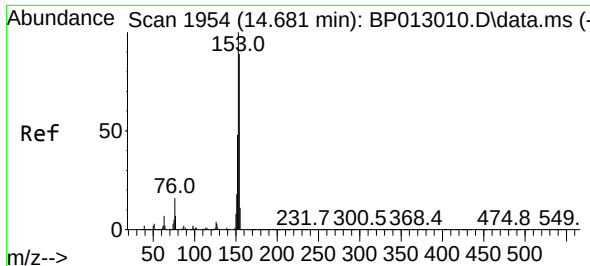
Tgt Ion:128 Resp: 182823
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.2 10.4 15.6



#36
2-Methylnaphthalene
Concen: 1.132 ng/ul
RT: 12.446 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

Tgt Ion:142 Resp: 123661
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2

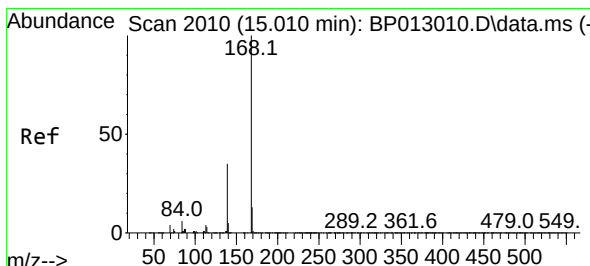
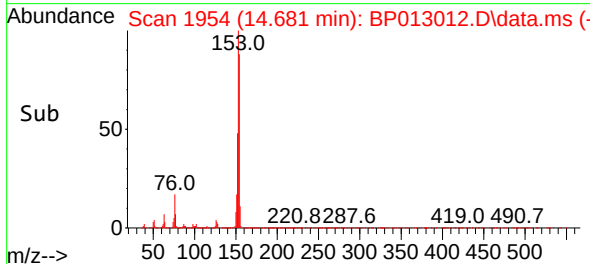
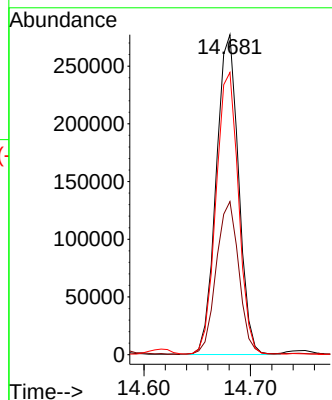
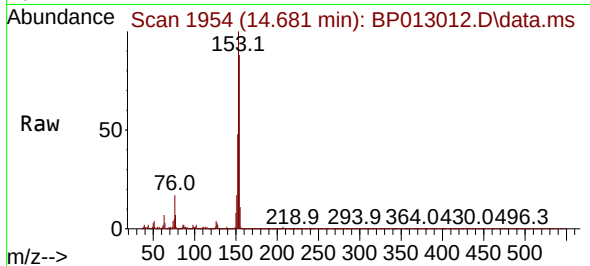




#52
Acenaphthene
Concen: 3.103 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

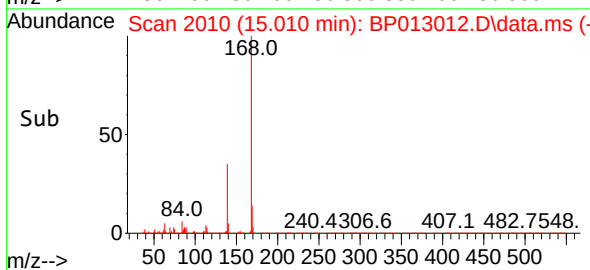
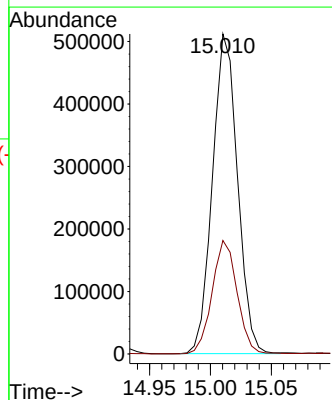
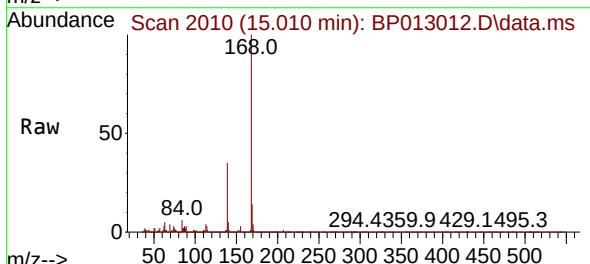
Instrument :
BNA_P
ClientSampleId :
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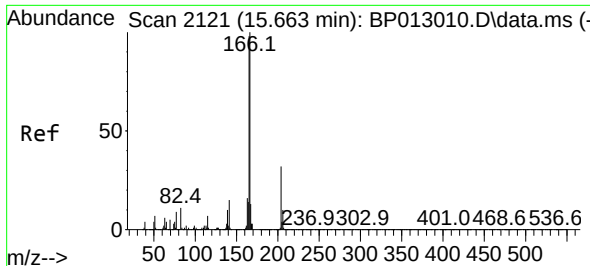
Tgt Ion:153 Resp: 404665
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.4
154 88.2 70.8 106.2



#56
Dibenzofuran
Concen: 3.944 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

Tgt Ion:168 Resp: 731266
Ion Ratio Lower Upper
168 100
139 35.4 27.9 41.9

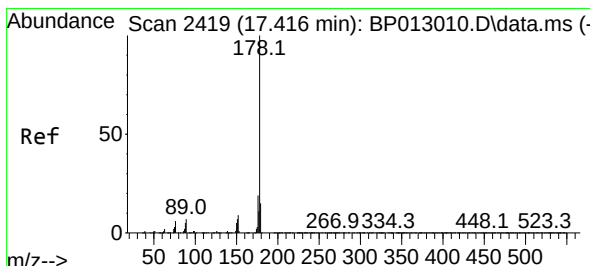
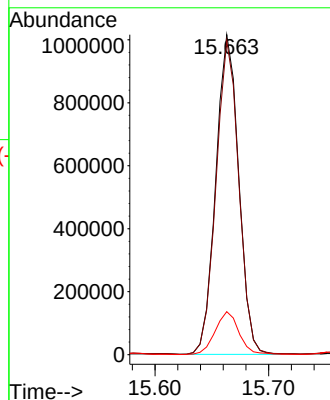
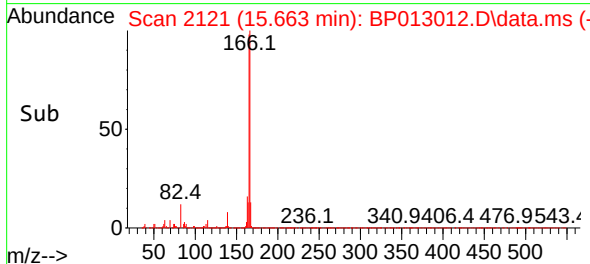
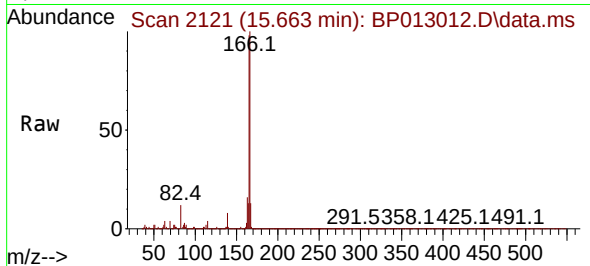




#61
Fluorene
Concen: 9.579 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

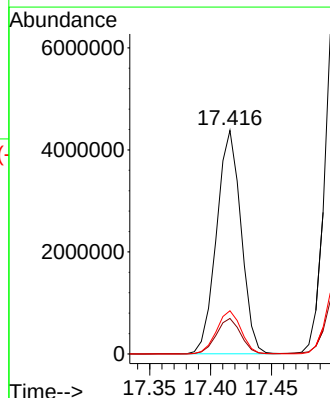
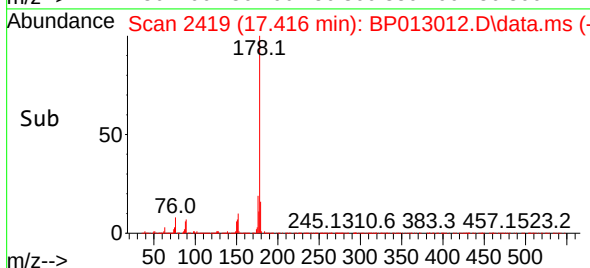
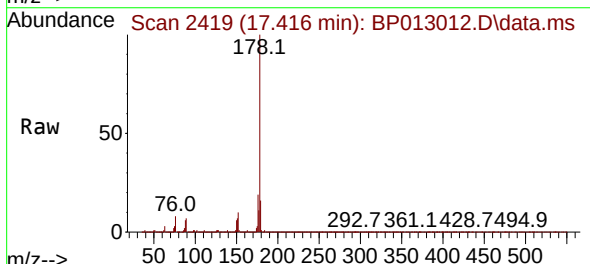
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ClientSampleId :
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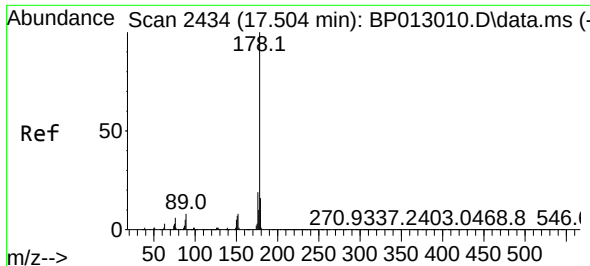
Tgt Ion:166 Resp: 1424341
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.2
167 13.5 10.6 16.0



#72
Phenanthrene
Concen: 25.392 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

Tgt Ion:178 Resp: 6132735
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.3 15.4 23.0

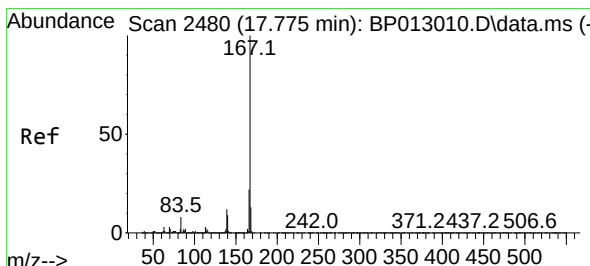
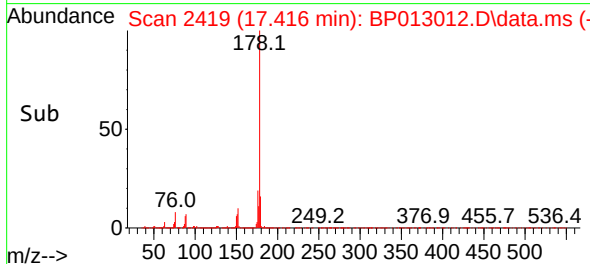
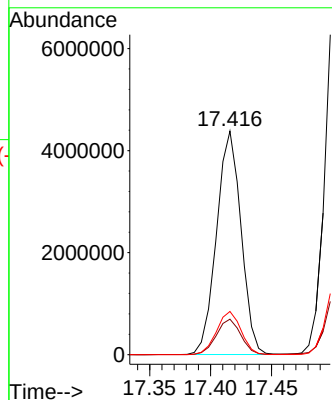
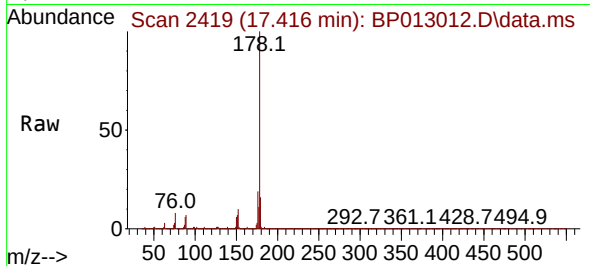




#74
 Anthracene
 Concen: 25.430 ng/ul
 RT: 17.416 min Scan# 2434
 Delta R.T. -0.094 min
 Lab File: BP013012.D
 Acq: 09 Dec 2022 10:29

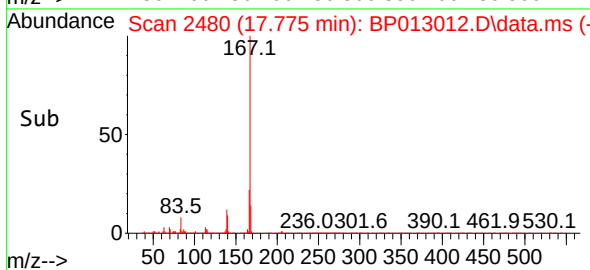
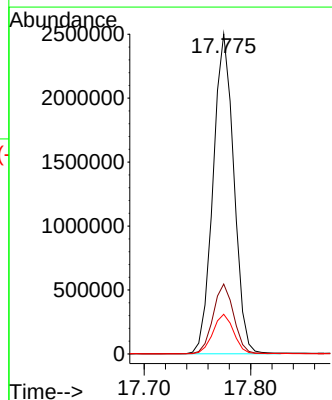
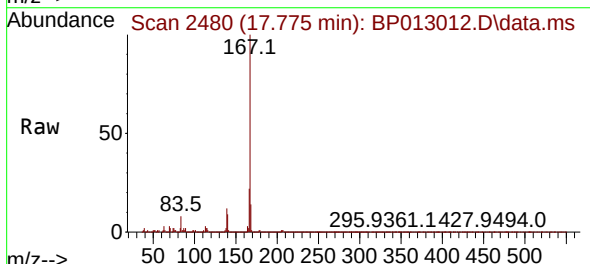
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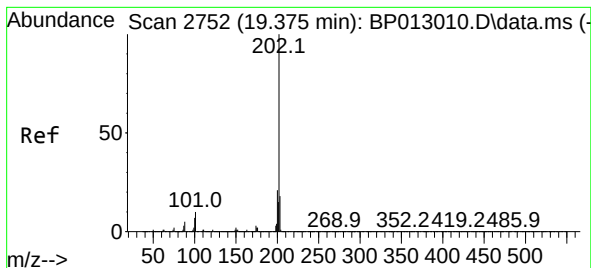
Tgt Ion:178 Resp: 6132735
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 19.3 14.8 22.2



#77
 Carbazole
 Concen: 16.645 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP013012.D
 Acq: 09 Dec 2022 10:29

Tgt Ion:167 Resp: 3380486
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.4 9.4 14.2

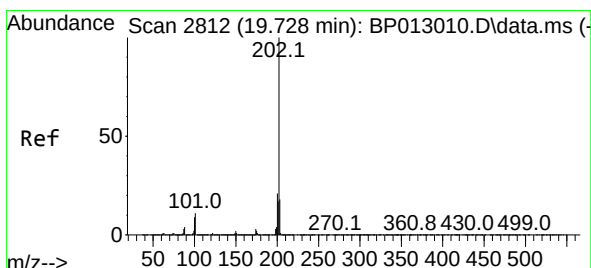
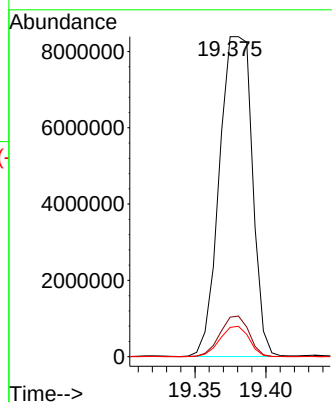
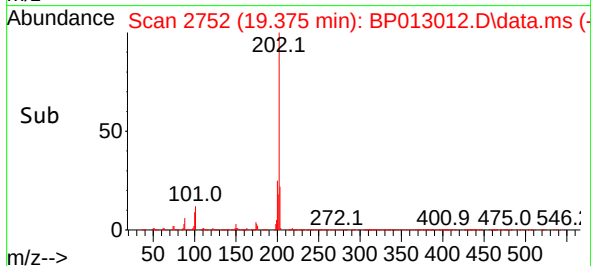
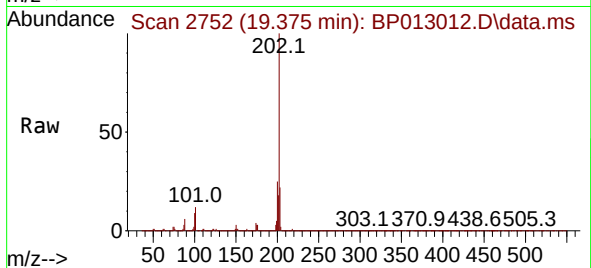




#80
Fluoranthene
Concen: 47.036 ng/u1
RT: 19.375 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

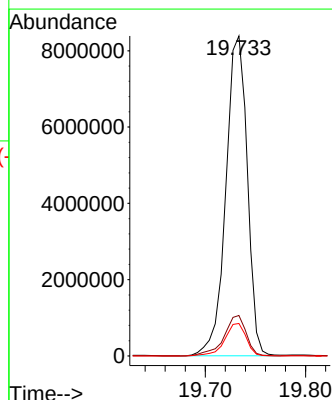
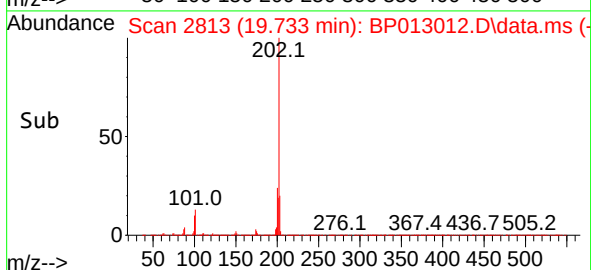
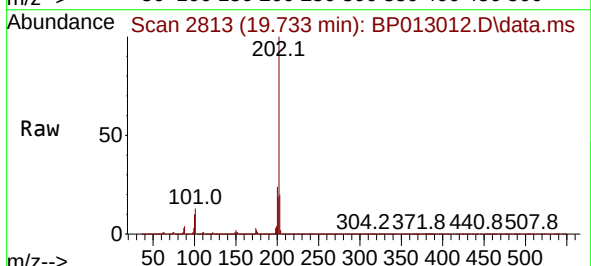
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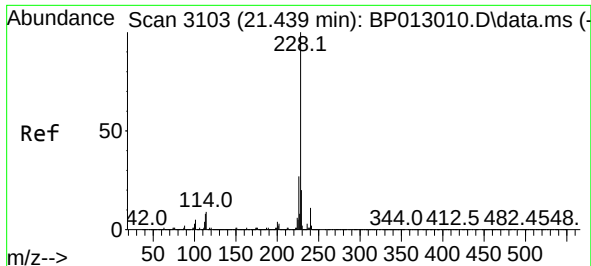
Tgt Ion:202 Resp:13470208
Ion Ratio Lower Upper
202 100
101 12.4 8.2 12.2#
100 9.1 6.1 9.1#



#82
Pyrene
Concen: 42.090 ng/u1
RT: 19.733 min Scan# 2813
Delta R.T. 0.006 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

Tgt Ion:202 Resp:12434136
Ion Ratio Lower Upper
202 100
101 12.7 9.4 14.2
100 10.1 7.8 11.8

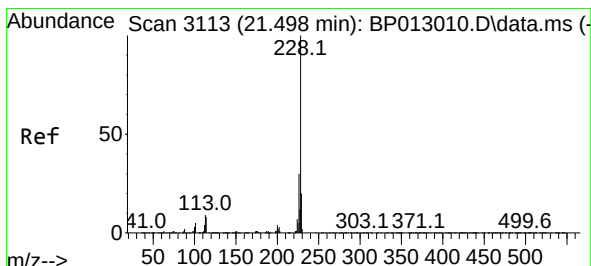
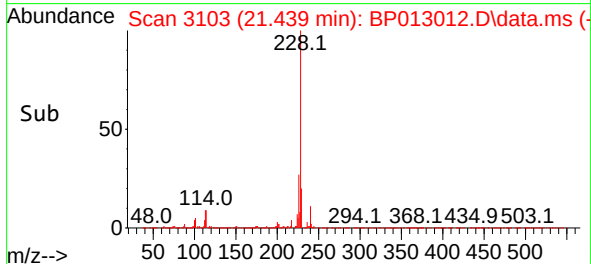
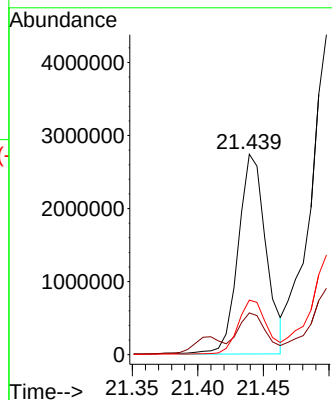
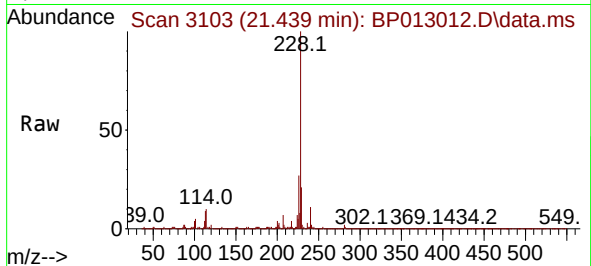




#85
Benzo(a)anthracene
Concen: 13.878 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

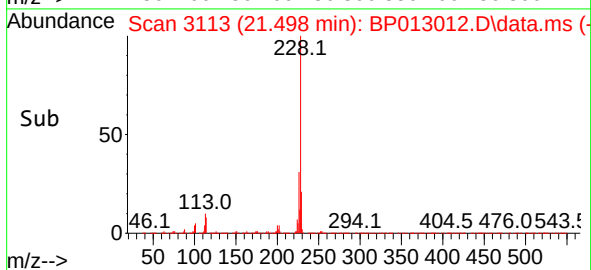
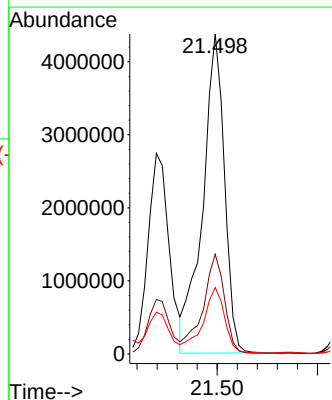
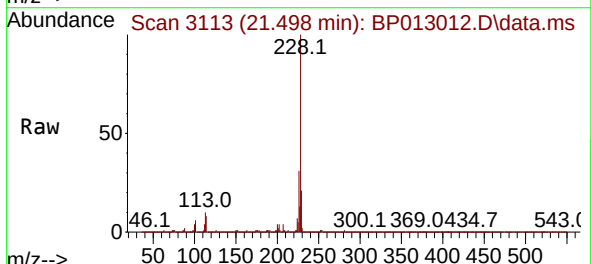
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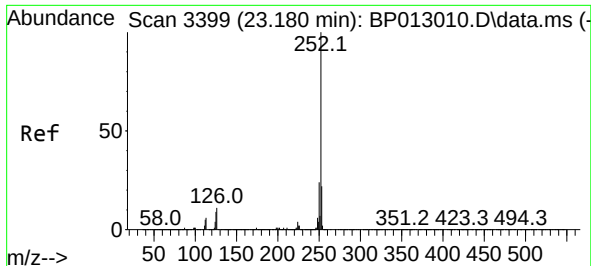
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Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 27.2 22.0 33.0



#87
Chrysene
Concen: 23.933 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

Tgt Ion:228 Resp: 6604744
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 20.8 16.0 24.0

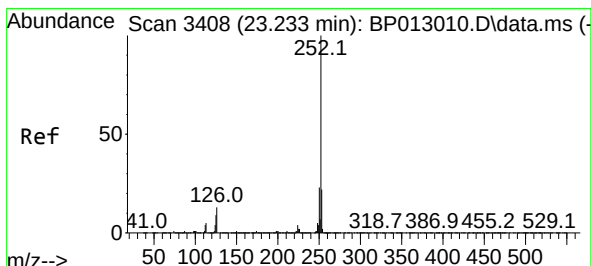
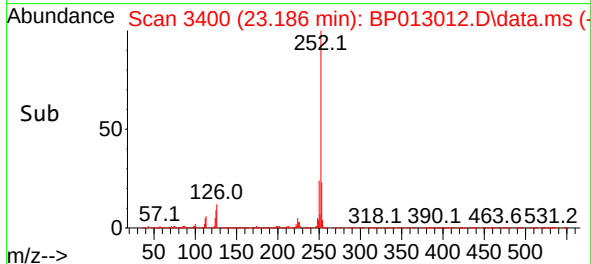
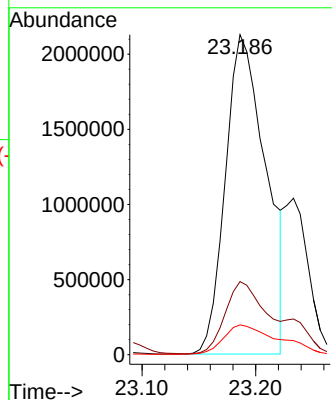
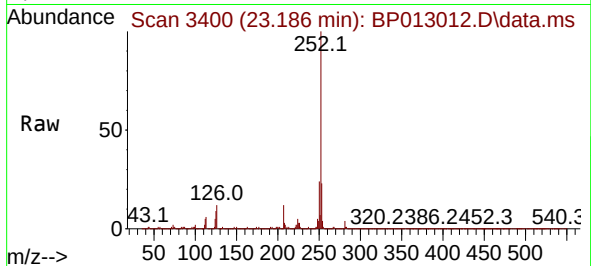




#90
Benzo(b)fluoranthene
Concen: 18.943 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

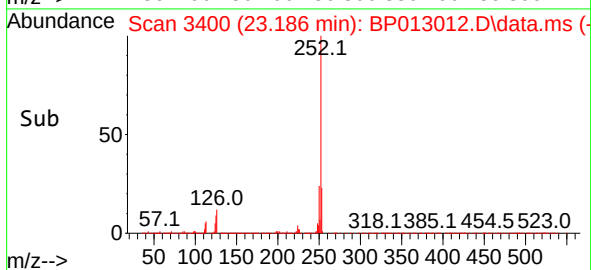
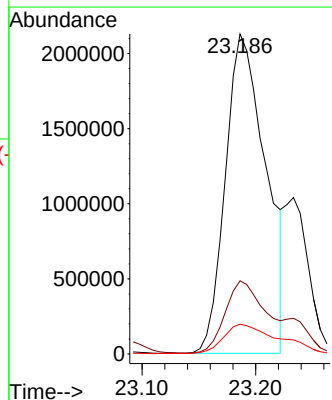
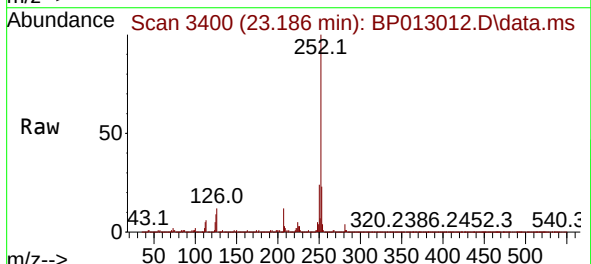
Instrument :
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ClientSampleId :
DBXP0DL

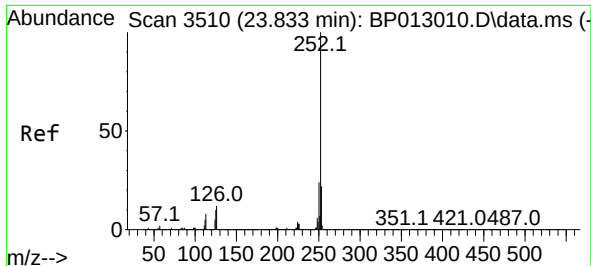
Tgt Ion:252 Resp: 5258399
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.3 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 19.104 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. -0.047 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

Tgt Ion:252 Resp: 5258399
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.3 6.8 10.2

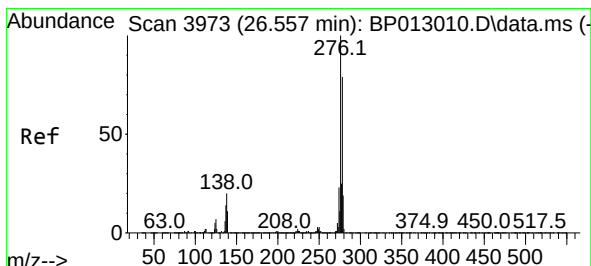
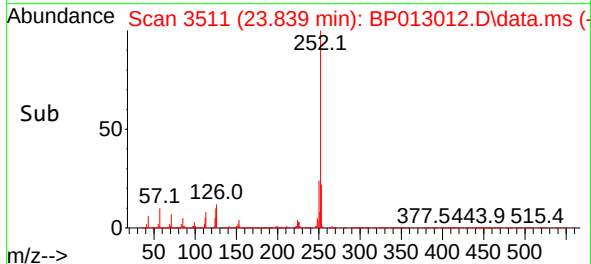
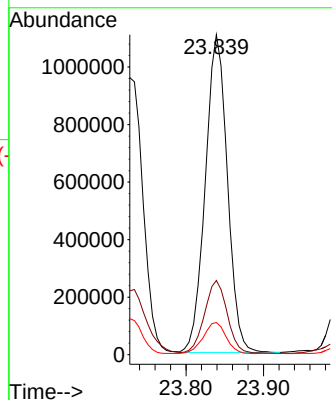
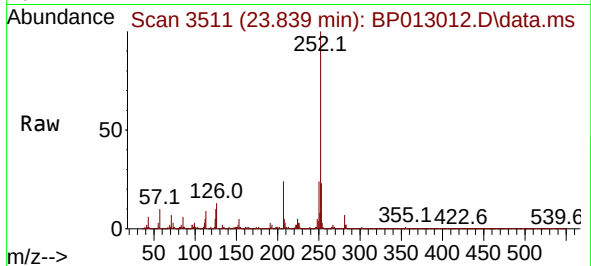




#93
Benzo(a)pyrene
Concen: 9.052 ng/ul
RT: 23.839 min Scan# 3510
Delta R.T. 0.000 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

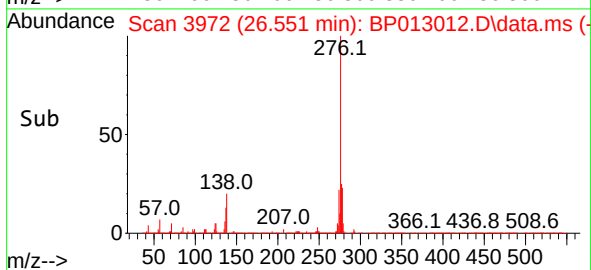
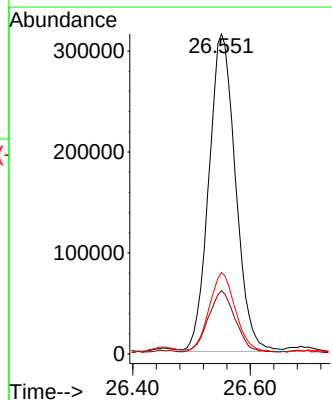
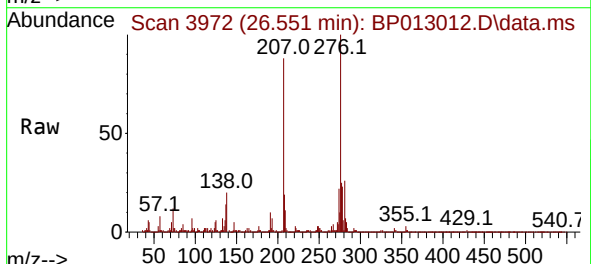
Instrument :
BNA_P
ClientSampleId :
DBXP0DL

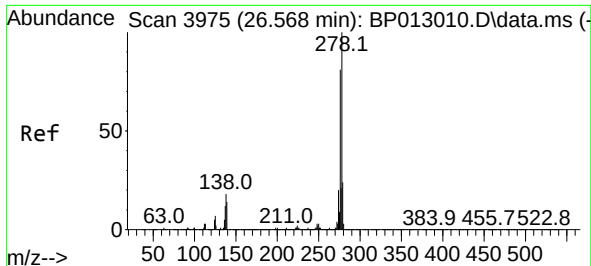
Tgt Ion:252 Resp: 2187947
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 10.0 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.297 ng/ul
RT: 26.551 min Scan# 3972
Delta R.T. -0.006 min
Lab File: BP013012.D
Acq: 09 Dec 2022 10:29

Tgt Ion:276 Resp: 992556
Ion Ratio Lower Upper
276 100
138 19.8 17.1 25.7
277 25.4 20.0 30.0

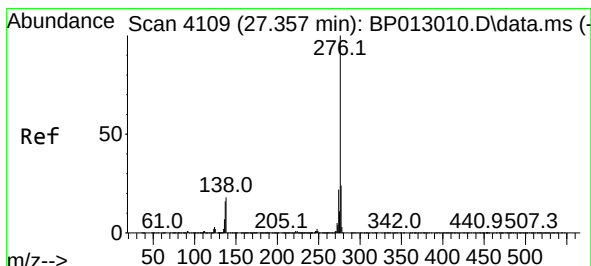
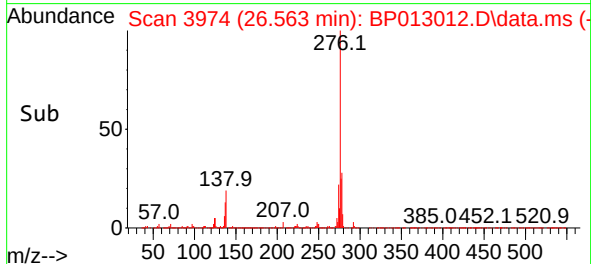
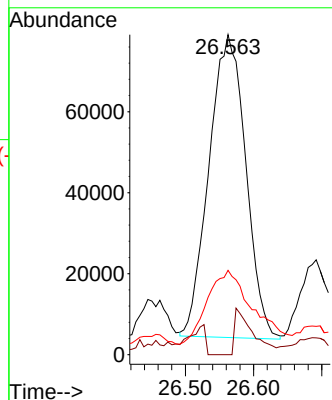
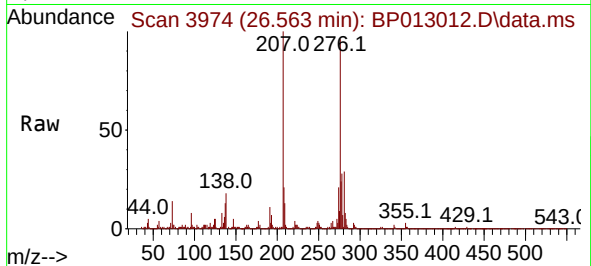




#95
 Dibenzo(a,h)anthracene
 Concen: 1.125 ng/ul
 RT: 26.563 min Scan# 3974
 Delta R.T. -0.006 min
 Lab File: BP013012.D
 Acq: 09 Dec 2022 10:29

Instrument :
 BNA_P
 ClientSampleId :
 DBXP0DL

Tgt Ion:278 Resp: 280437
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.1 16.7#
 279 26.4 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 2.743 ng/ul
 RT: 27.357 min Scan# 4109
 Delta R.T. 0.006 min
 Lab File: BP013012.D
 Acq: 09 Dec 2022 10:29

Tgt Ion:276 Resp: 662919
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.4 23.2
 277 22.8 19.1 28.7

