

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013018.D
 Acq On : 09 Dec 2022 15:06
 Operator : CG/JU
 Sample : N5896-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN8

Quant Time: Dec 09 21:54:11 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	676918	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2939354	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1902912	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4153004	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	3598458	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	3338815	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	62182	3.928	ng/uL	0.00
4) Pyridine-d5	3.781	84	666136	14.812	ng/ul	0.00
7) Phenol-d5	7.128	99	1357711	24.624	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	803450	24.156	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1097604	25.288	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	1114224	24.663	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	536304	24.833	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	626736	25.778	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	1174479	24.870	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1356551	20.347	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	3579704	24.477	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	4057680	25.250	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	485163	18.442	ng/ul	0.00
60) Fluorene-d10	15.604	176	3122441	25.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	512569	19.179	ng/ul	0.00
73) Anthracene-d10	17.475	188	4851115	25.892	ng/ul	0.00
81) Pyrene-d10	19.704	212	5545138	26.846	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	4263013	25.616	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	1088944	7.084	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	580413	5.504	ng/ul	100
43) 1,1'-Biphenyl	13.445	154	203749	1.426	ng/ul	99
50) Acenaphthylene	14.334	152	762444	4.413	ng/ul	100
52) Acenaphthene	14.675	153	648898	5.420	ng/ul	99
56) Dibenzofuran	15.010	168	1577056	9.265	ng/ul	99
61) Fluorene	15.663	166	2493749	18.267	ng/ul	99
63) 4-Nitroaniline	15.663	138	25581	1.143	ng/ul#	32
71) Pentachlorophenol	17.016	266	138792	4.280	ng/ul	98
72) Phenanthrene	17.416	178	9004807	41.628	ng/ul	99
74) Anthracene	17.416	178	9004807	41.691	ng/ul	98
77) Carbazole	17.775	167	9575984	52.645	ng/ul	98
80) Fluoranthene	19.375	202	12286091	52.408	ng/ul	98
82) Pyrene	19.733	202	10683168	44.177	ng/ul	99
85) Benzo(a)anthracene	21.445	228	4757038	19.914	ng/ul	94
87) Chrysene	21.498	228	7042424	31.174	ng/ul	97
90) Benzo(b)fluoranthene	23.198	252	15595151	73.248	ng/ul	97
91) Benzo(k)fluoranthene	23.198	252	15595151	73.868	ng/ul	97
93) Benzo(a)pyrene	23.845	252	6481954	34.965	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.557	276	3768198	16.318	ng/ul	97
95) Dibenzo(a,h)anthracene	26.562	278	999622	5.228	ng/ul#	86
96) Benzo(g,h,i)perylene	27.362	276	2531401	13.655	ng/ul	99

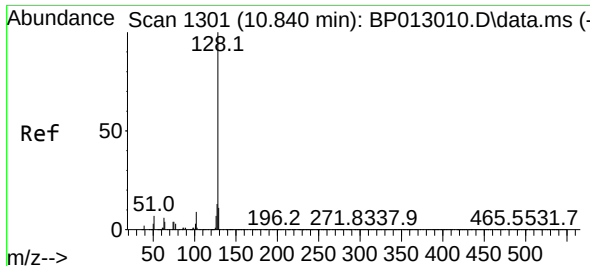
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
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Response via : Initial Calibration

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

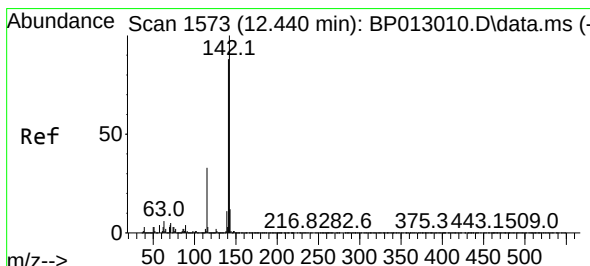
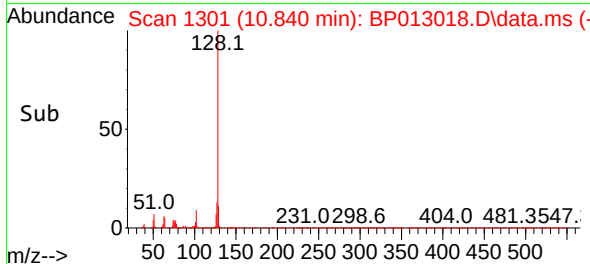
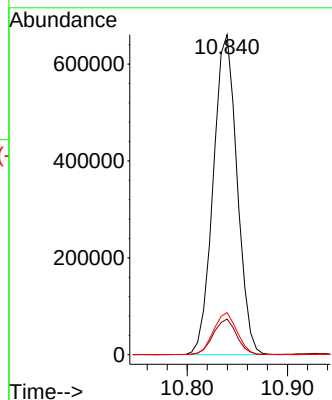
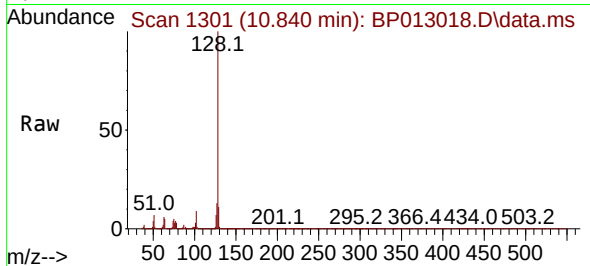
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#30
Naphthalene
Concen: 7.084 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

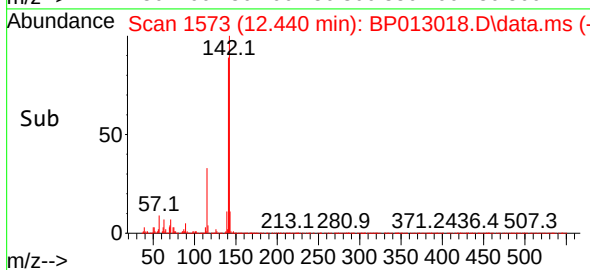
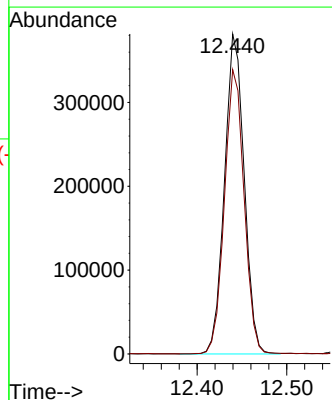
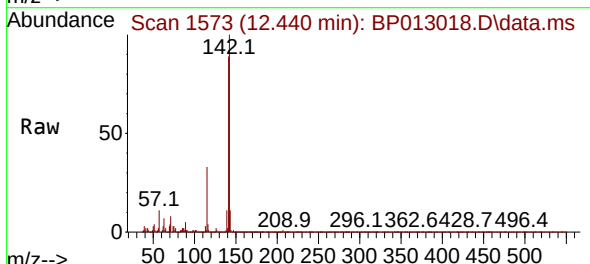
Instrument :
BNA_P
ClientSampleId :
DBXN8

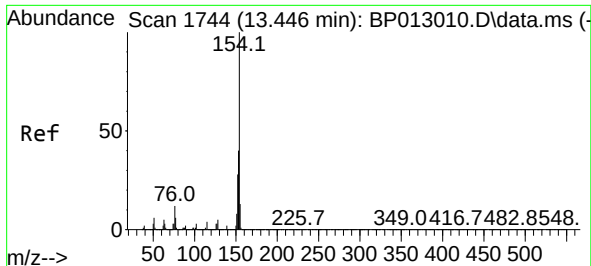
Tgt Ion:128 Resp: 1088944
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6



#36
2-Methylnaphthalene
Concen: 5.504 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

Tgt Ion:142 Resp: 580413
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2

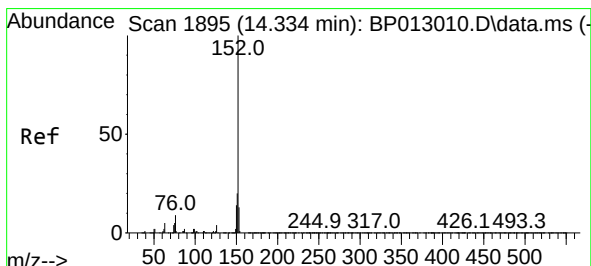
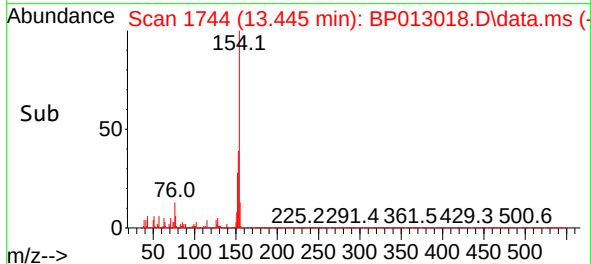
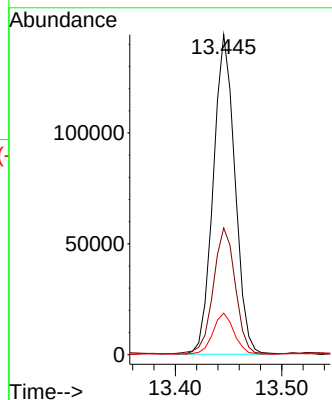
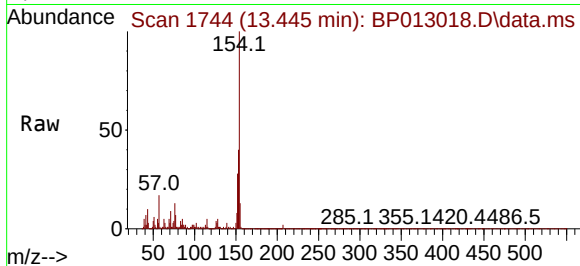




#43
1,1'-Biphenyl
Concen: 1.426 ng/ul
RT: 13.445 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

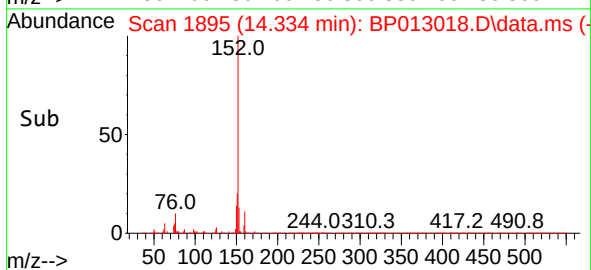
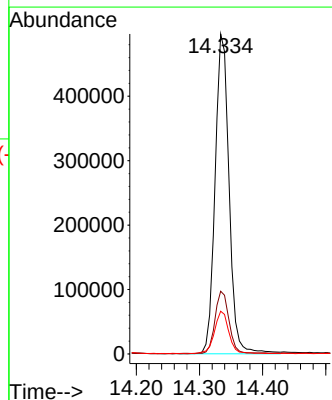
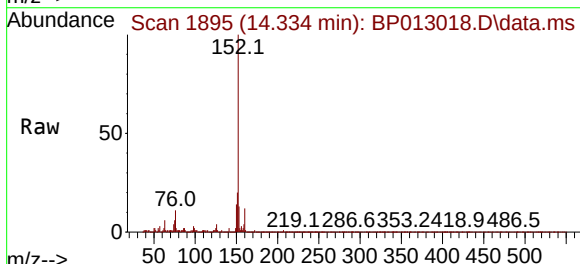
Instrument :
BNA_P
ClientSampleId :
DBXN8

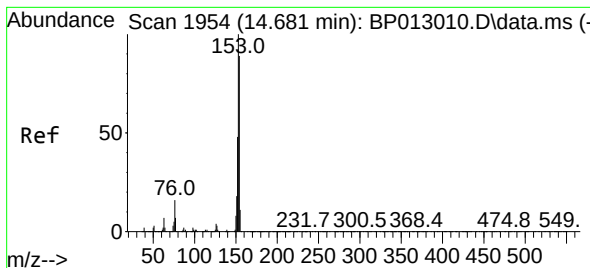
Tgt Ion:154 Resp: 203749
Ion Ratio Lower Upper
154 100
153 39.6 31.5 47.3
76 13.0 9.6 14.4



#50
Acenaphthylene
Concen: 4.413 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

Tgt Ion:152 Resp: 762444
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.6 16.0





#52

Acenaphthene

Concen: 5.420 ng/ul

RT: 14.675 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BP013018.D

Acq: 09 Dec 2022 15:06

Instrument :

BNA_P

ClientSampleId :

DBXN8

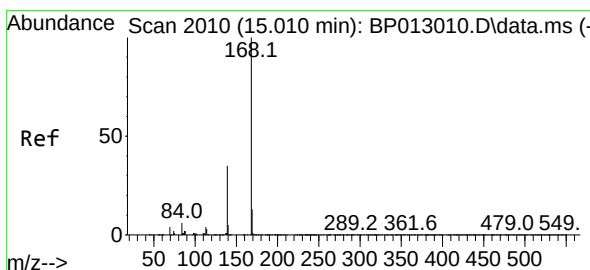
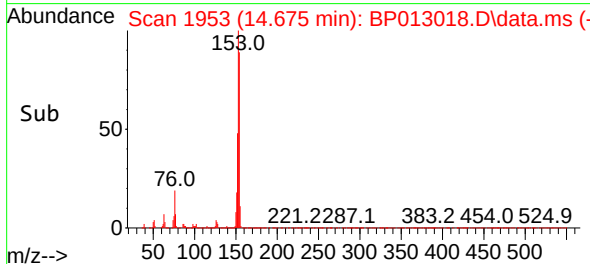
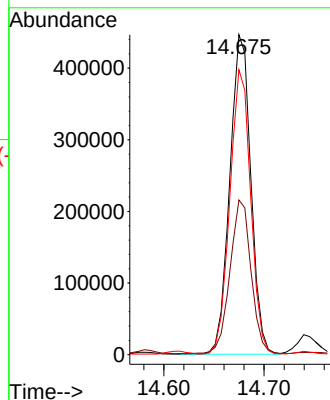
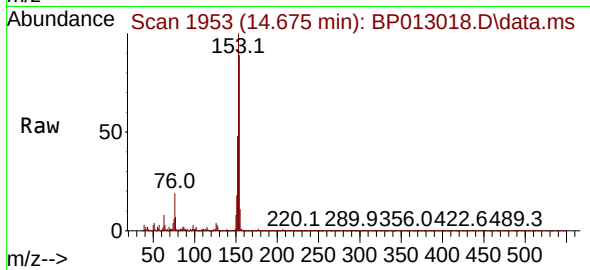
Tgt Ion:153 Resp: 648898

Ion Ratio Lower Upper

153 100

152 48.4 38.2 57.4

154 89.1 70.8 106.2



#56

Dibenzofuran

Concen: 9.265 ng/ul

RT: 15.010 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP013018.D

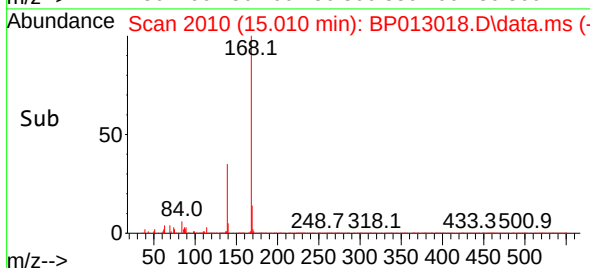
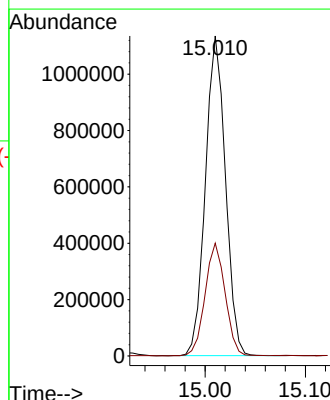
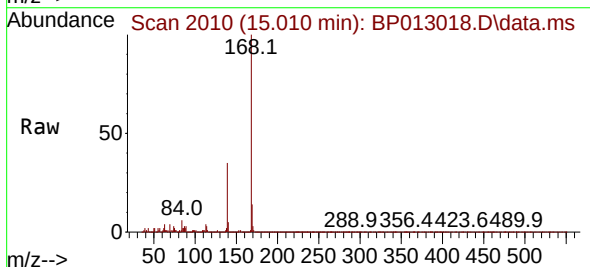
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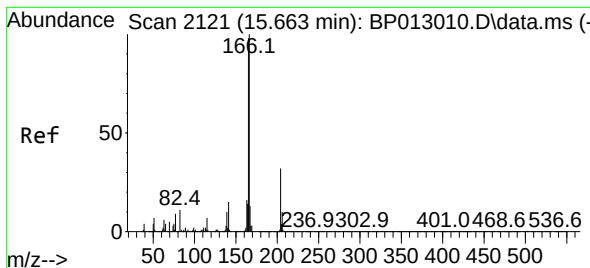
Tgt Ion:168 Resp: 1577056

Ion Ratio Lower Upper

168 100

139 35.3 27.9 41.9





#61

Fluorene

Concen: 18.267 ng/ul

RT: 15.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BP013018.D

Acq: 09 Dec 2022 15:06

Instrument :

BNA_P

ClientSampleId :

DBXN8

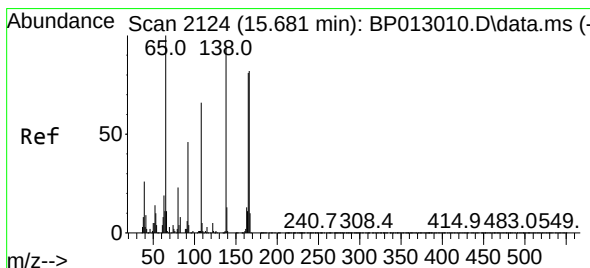
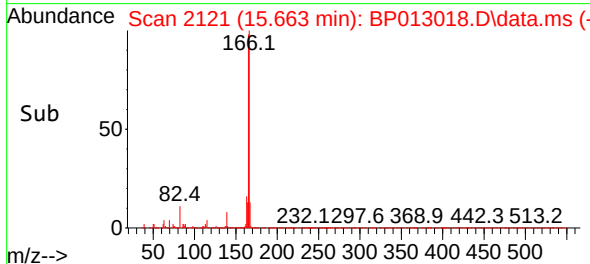
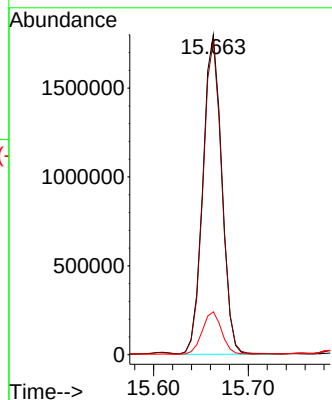
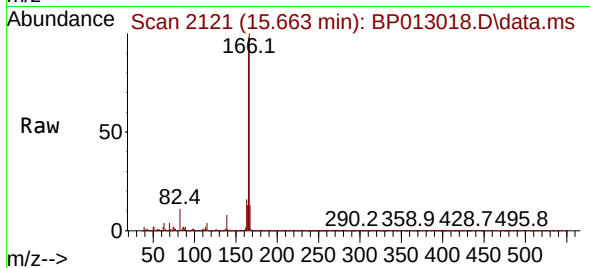
Tgt Ion:166 Resp: 2493749

Ion Ratio Lower Upper

166 100

165 98.1 77.4 116.2

167 13.4 10.6 16.0



#63

4-Nitroaniline

Concen: 1.143 ng/ul

RT: 15.663 min Scan# 2121

Delta R.T. -0.023 min

Lab File: BP013018.D

Acq: 09 Dec 2022 15:06

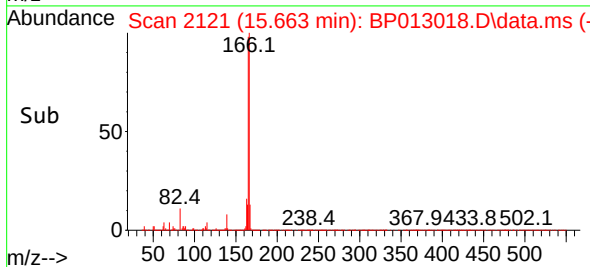
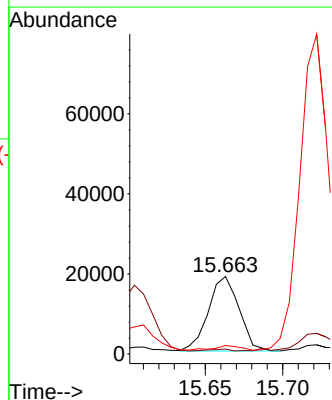
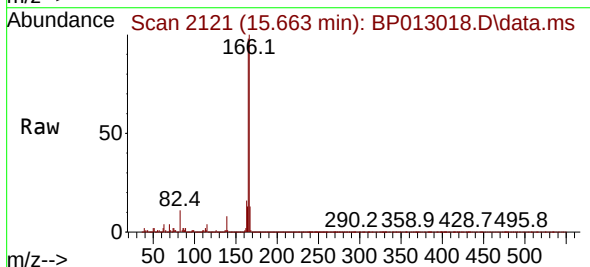
Tgt Ion:138 Resp: 25581

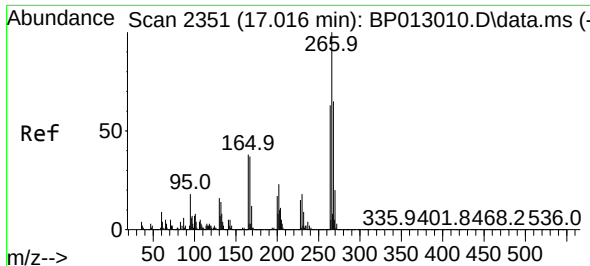
Ion Ratio Lower Upper

138 100

92 6.4 39.0 58.4#

108 10.9 55.1 82.7#

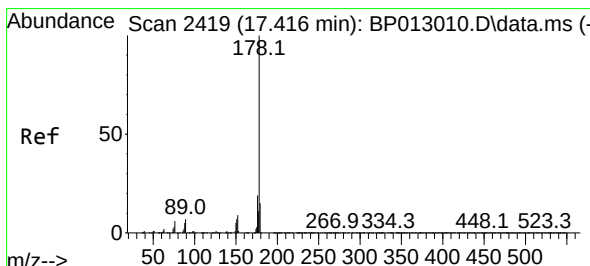
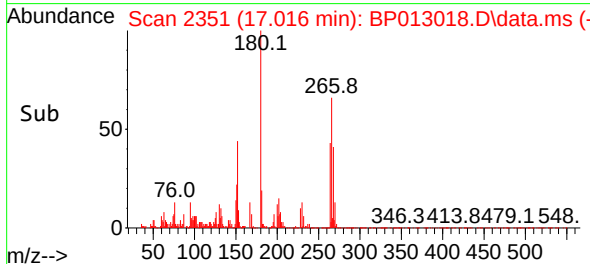
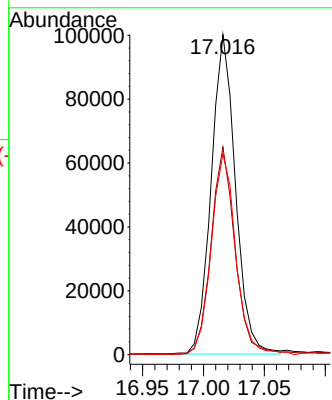
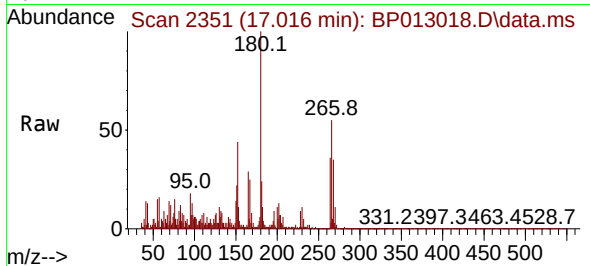




#71
Pentachlorophenol
Concen: 4.280 ng/ul
RT: 17.016 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

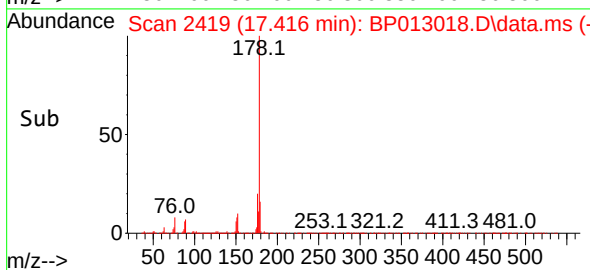
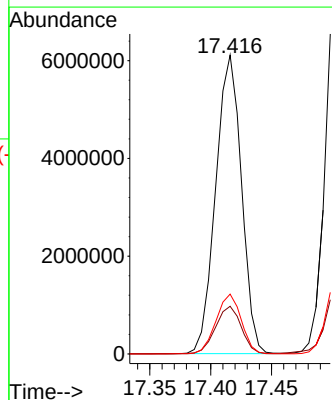
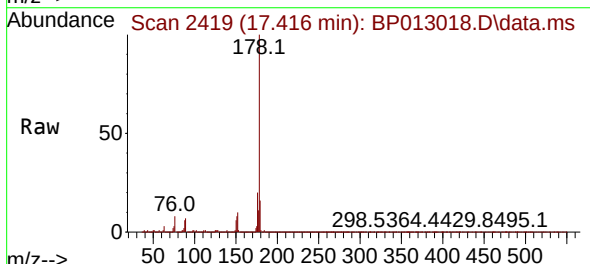
Instrument :
BNA_P
ClientSampleId :
DBXN8

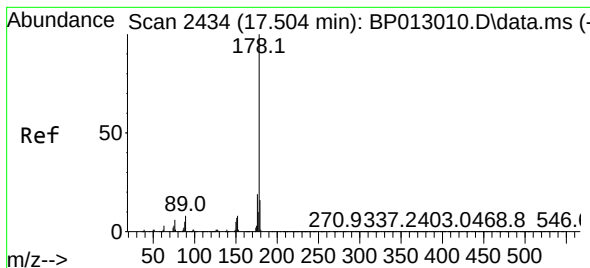
Tgt Ion:266 Resp: 138792
Ion Ratio Lower Upper
266 100
264 64.8 50.9 76.3
268 62.7 51.4 77.2



#72
Phenanthrene
Concen: 41.628 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

Tgt Ion:178 Resp: 9004807
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 20.0 15.4 23.0





#74

Anthracene

Concen: 41.691 ng/ul

RT: 17.416 min Scan# 2434

Delta R.T. -0.094 min

Lab File: BP013018.D

Acq: 09 Dec 2022 15:06

Instrument :

BNA_P

ClientSampleId :

DBXN8

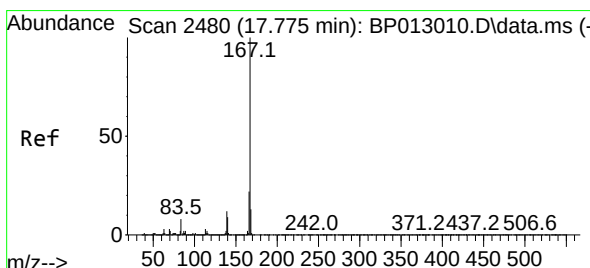
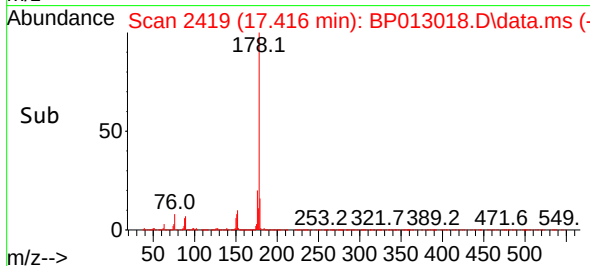
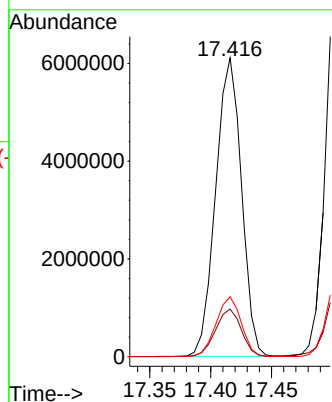
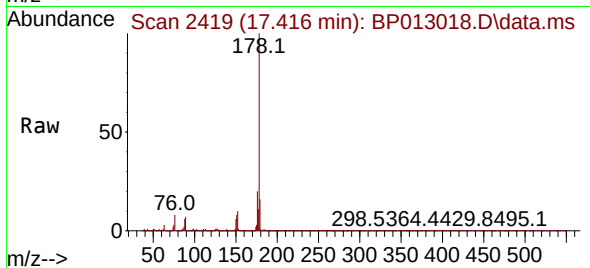
Tgt Ion:178 Resp: 9004807

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 20.0 14.8 22.2



#77

Carbazole

Concen: 52.645 ng/ul

RT: 17.775 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BP013018.D

Acq: 09 Dec 2022 15:06

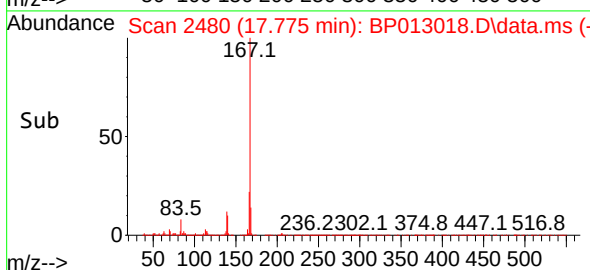
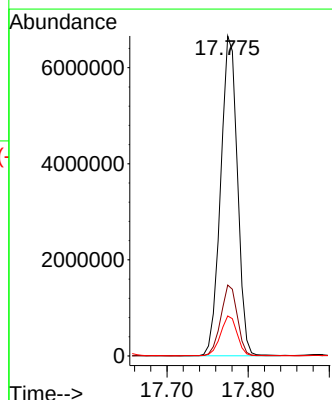
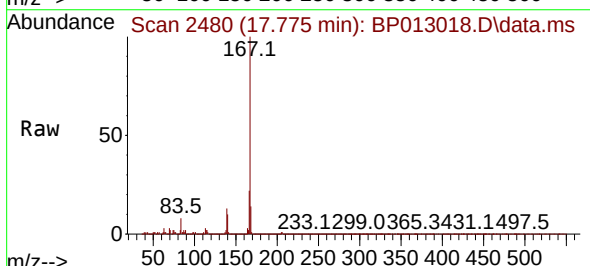
Tgt Ion:167 Resp: 9575984

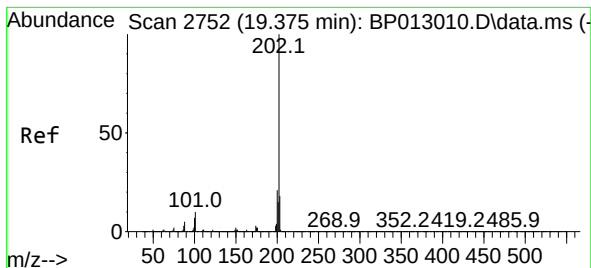
Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

139 12.5 9.4 14.2

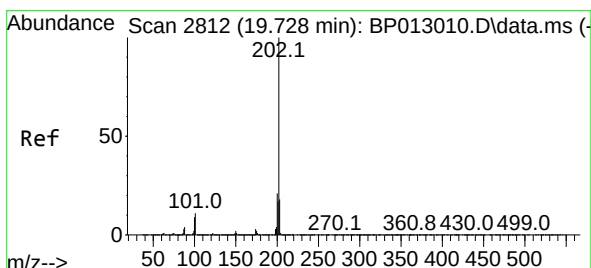
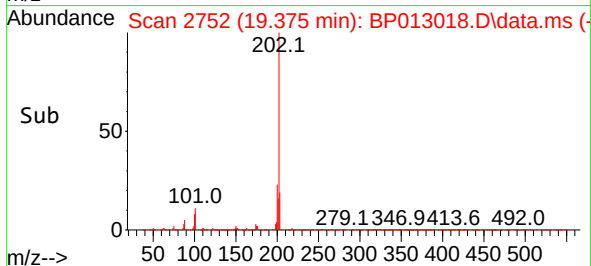
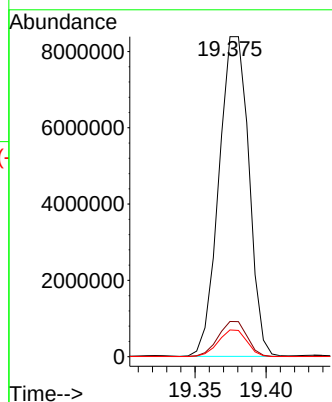
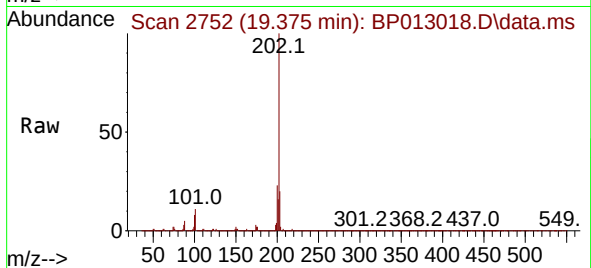




#80
Fluoranthene
Concen: 52.408 ng/u1
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

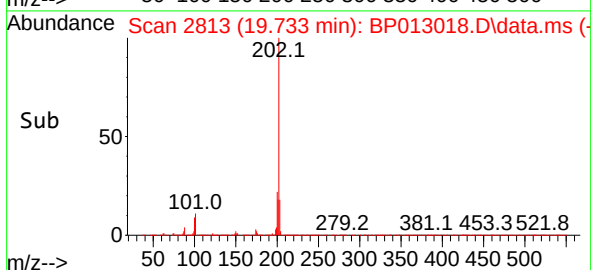
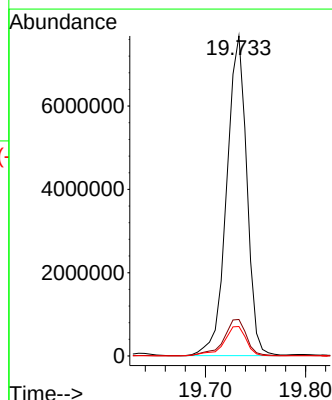
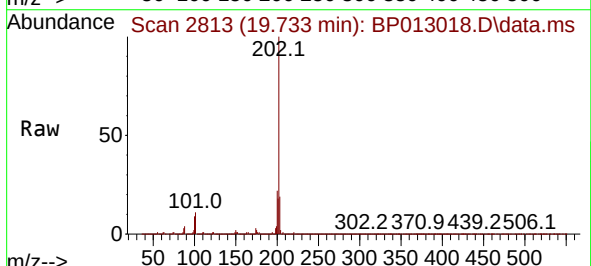
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ClientSampleId :
DBXN8

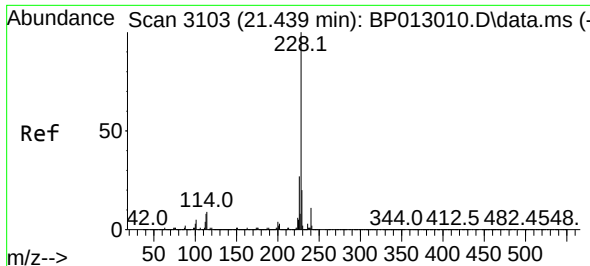
Tgt Ion:202 Resp:12286091
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.2
100 8.4 6.1 9.1



#82
Pyrene
Concen: 44.177 ng/u1
RT: 19.733 min Scan# 2813
Delta R.T. 0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

Tgt Ion:202 Resp:10683168
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 9.2 7.8 11.8

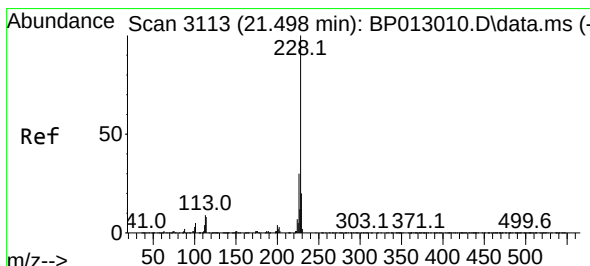
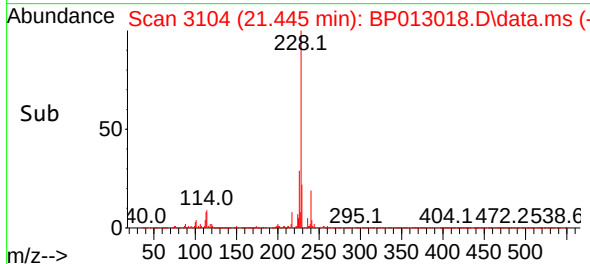
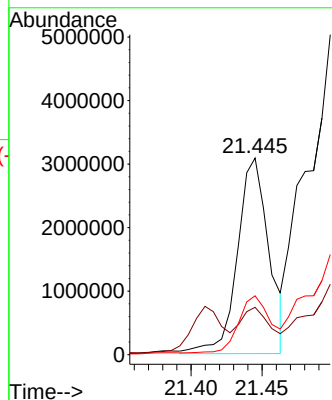
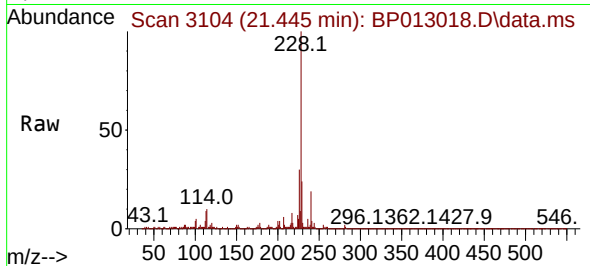




#85
Benzo(a)anthracene
Concen: 19.914 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

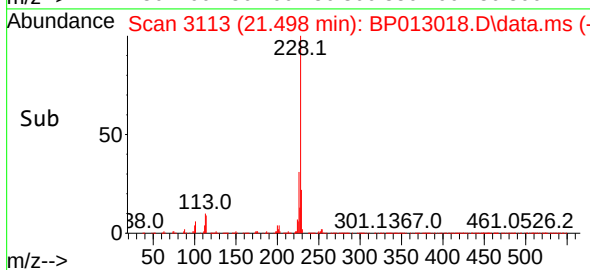
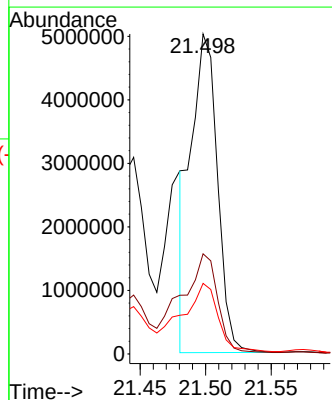
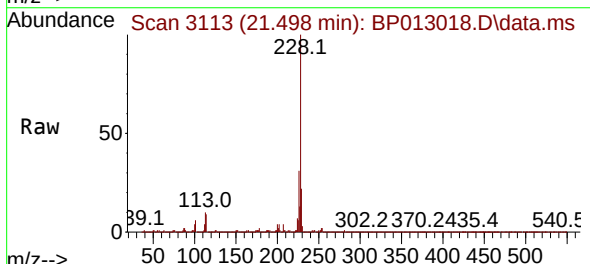
Instrument :
BNA_P
ClientSampleId :
DBXN8

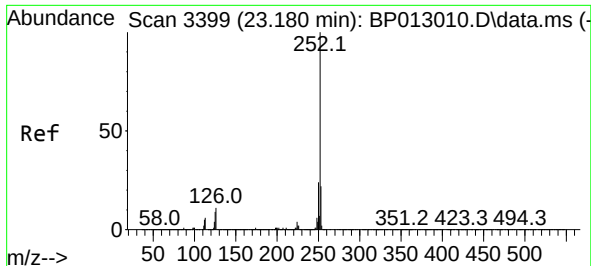
Tgt Ion:228 Resp: 4757038
Ion Ratio Lower Upper
228 100
229 24.1 16.1 24.1
226 30.0 22.0 33.0



#87
Chrysene
Concen: 31.174 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

Tgt Ion:228 Resp: 7042424
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.0 16.0 24.0

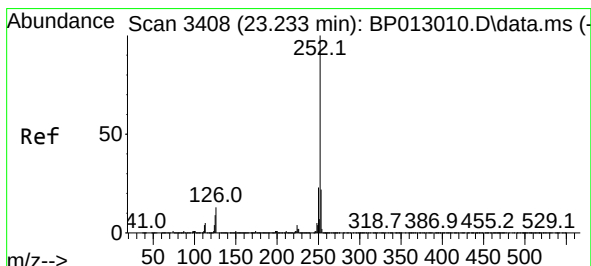
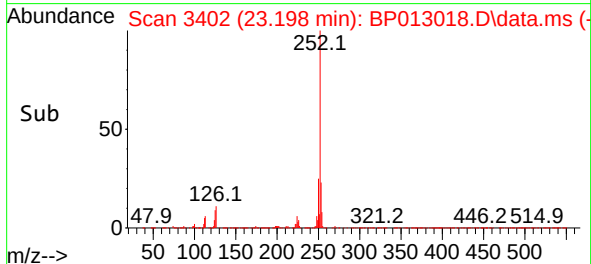
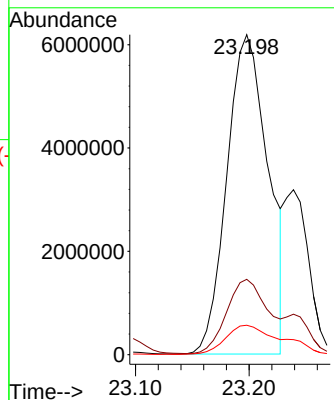
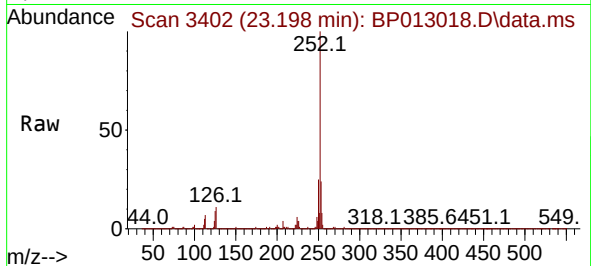




#90
Benzo(b)fluoranthene
Concen: 73.248 ng/ul
RT: 23.198 min Scan# 3402
Delta R.T. 0.012 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

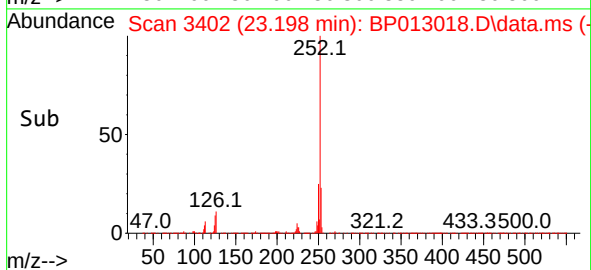
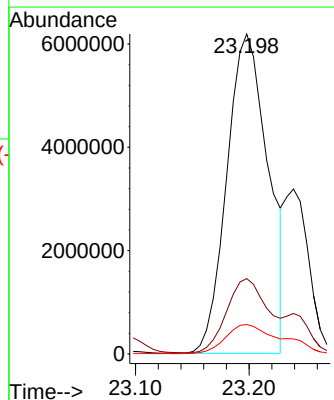
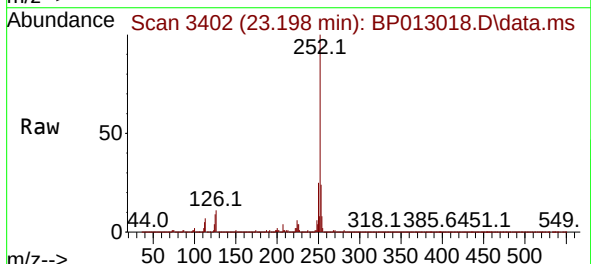
Instrument :
BNA_P
ClientSampleId :
DBXN8

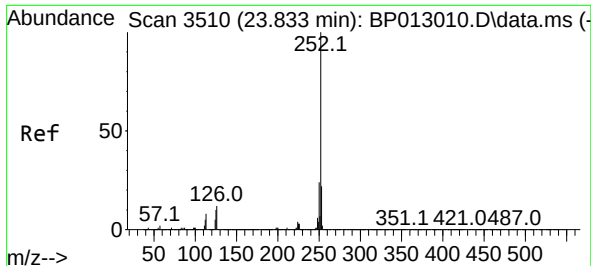
Tgt Ion:252 Resp:15595151
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 9.2 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 73.868 ng/ul
RT: 23.198 min Scan# 3402
Delta R.T. -0.035 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

Tgt Ion:252 Resp:15595151
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 9.2 6.8 10.2

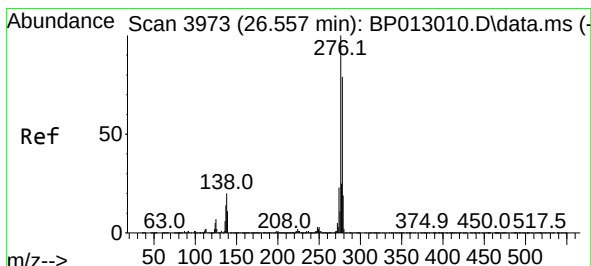
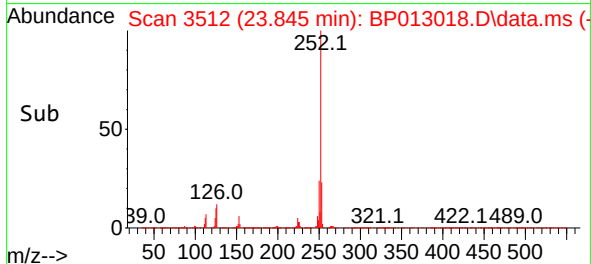
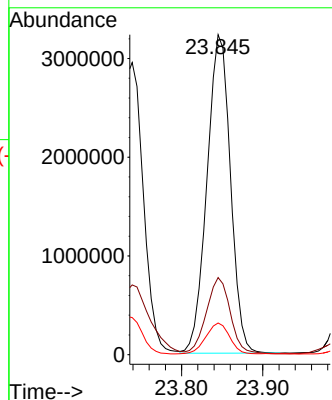
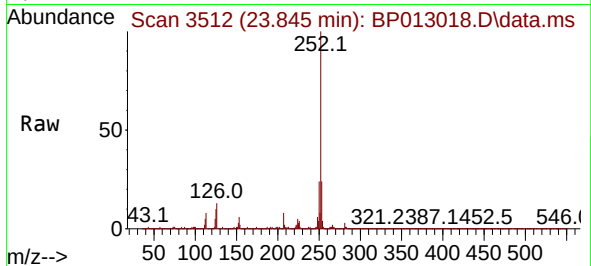




#93
Benzo(a)pyrene
Concen: 34.965 ng/ul
RT: 23.845 min Scan# 3512
Delta R.T. 0.006 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

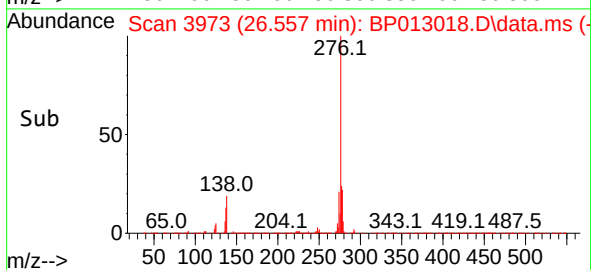
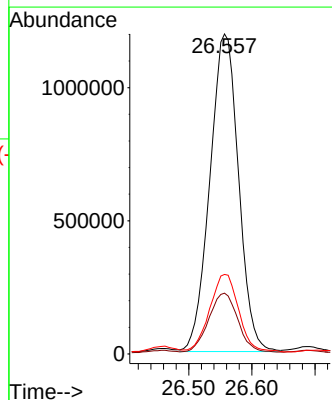
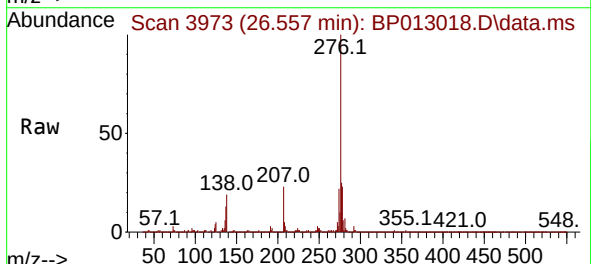
Instrument :
BNA_P
ClientSampleId :
DBXN8

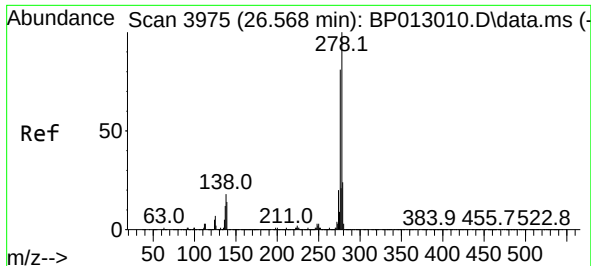
Tgt Ion:252 Resp: 6481954
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 9.9 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 16.318 ng/ul
RT: 26.557 min Scan# 3973
Delta R.T. 0.000 min
Lab File: BP013018.D
Acq: 09 Dec 2022 15:06

Tgt Ion:276 Resp: 3768198
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 24.9 20.0 30.0

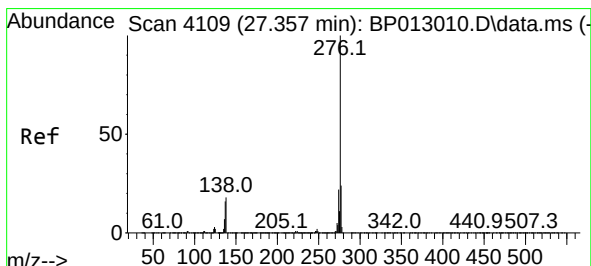
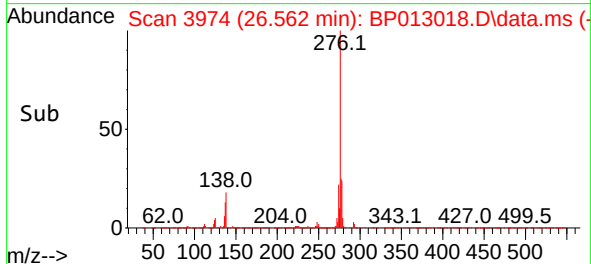
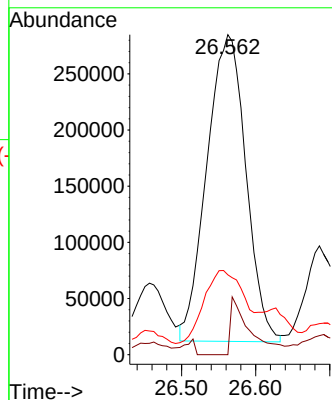
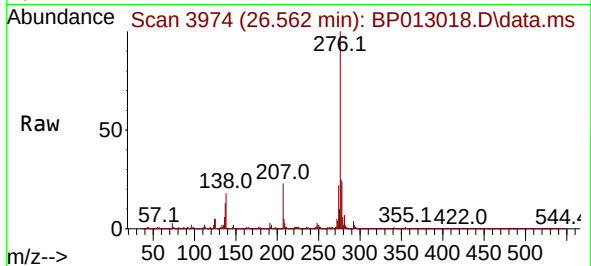




#95
 Dibenzo(a,h)anthracene
 Concen: 5.228 ng/ul
 RT: 26.562 min Scan# 3975
 Delta R.T. -0.006 min
 Lab File: BP013018.D
 Acq: 09 Dec 2022 15:06

Instrument :
 BNA_P
 ClientSampleId :
 DBXN8

Tgt Ion:278 Resp: 999622
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.1 16.7#
 279 25.0 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 13.655 ng/ul
 RT: 27.362 min Scan# 4110
 Delta R.T. 0.012 min
 Lab File: BP013018.D
 Acq: 09 Dec 2022 15:06

Tgt Ion:276 Resp: 2531401
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.4 23.2
 277 24.4 19.1 28.7

