

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013023.D
 Acq On : 09 Dec 2022 17:57
 Operator : CG/JU
 Sample : N5896-16
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN4

Quant Time: Dec 09 21:57:26 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)

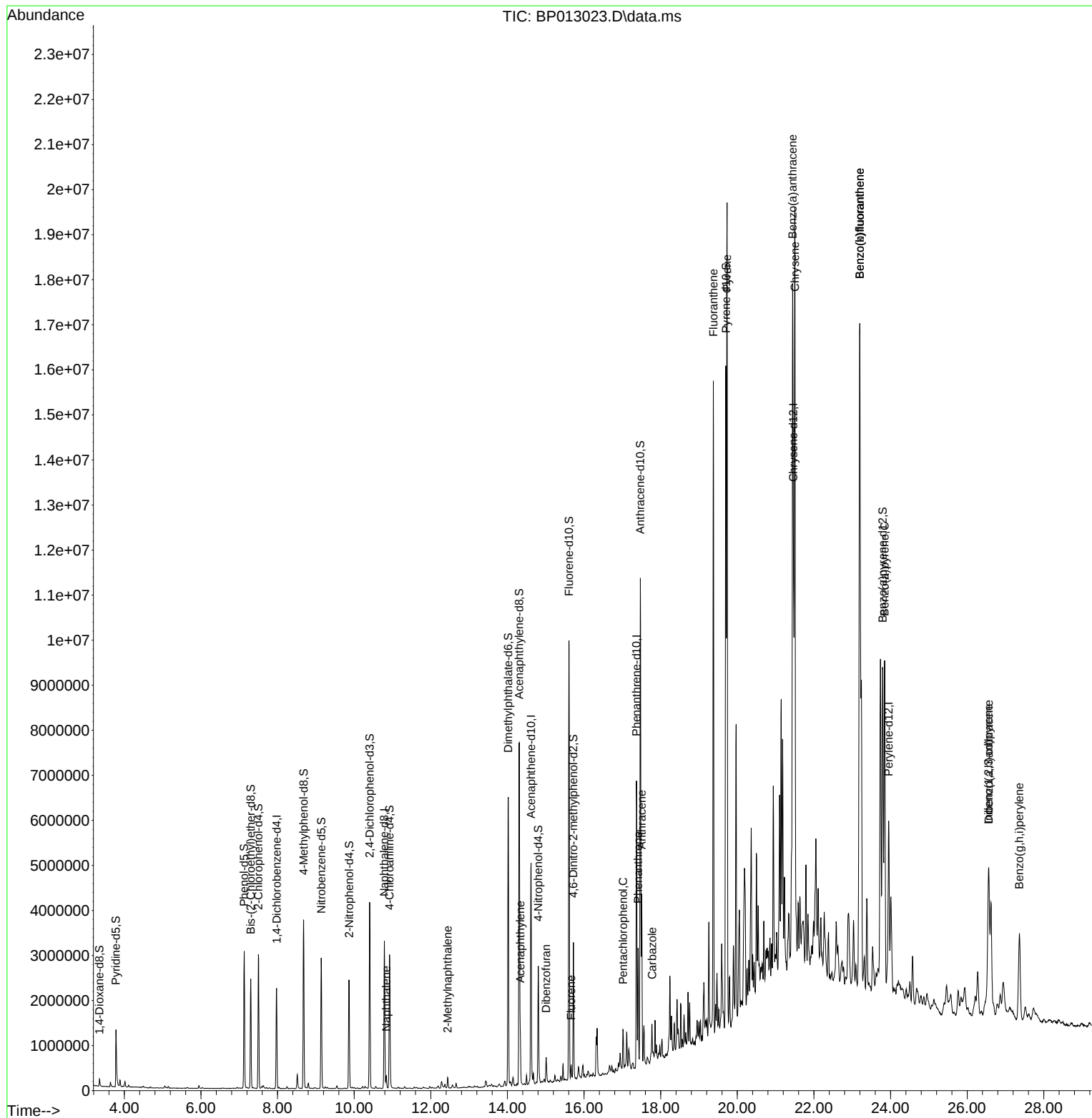
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	626262	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2698607	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1769783	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3879956	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	3193728	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	3080771	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	77700	5.305	ng/uL	0.00
4) Pyridine-d5	3.781	84	709373	17.049	ng/u1	0.00
7) Phenol-d5	7.128	99	1764395	34.589	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	1029096	33.443	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	1427542	35.550	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	1433968	34.308	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	727250	36.679	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	846727	37.933	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	1556388	35.897	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1694881	27.690	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	4640789	34.119	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	5356696	35.841	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	685772	28.029	ng/u1	0.00
60) Fluorene-d10	15.604	176	4070630	35.375	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	694148	27.801	ng/u1	0.00
73) Anthracene-d10	17.469	188	6384701	36.475	ng/u1	0.00
81) Pyrene-d10	19.704	212	7166097	39.091	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	5564988	36.240	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	223763	1.585	ng/u1	100
36) 2-Methylnaphthalene	12.440	142	104525	1.080	ng/u1	96
50) Acenaphthylene	14.334	152	786475	4.895	ng/u1	98
56) Dibenzofuran	15.010	168	310391	1.961	ng/u1	98
61) Fluorene	15.663	166	137974	1.087	ng/u1	98
71) Pentachlorophenol	17.016	266	76016	2.509	ng/u1	99
72) Phenanthrene	17.410	178	1613762	7.985	ng/u1	100
74) Anthracene	17.504	178	2396986	11.879	ng/u1	100
77) Carbazole	17.775	167	446326	2.626	ng/u1	98
80) Fluoranthene	19.374	202	8231748	39.563	ng/u1	100
82) Pyrene	19.733	202	11471938	53.450	ng/u1	100
85) Benzo(a)anthracene	21.445	228	8484600	40.019	ng/u1	97
87) Chrysene	21.504	228	11684329	58.277	ng/u1	97
90) Benzo(b)fluoranthene	23.198	252	14084344	71.693	ng/u1	97
91) Benzo(k)fluoranthene	23.198	252	14084344	72.300	ng/u1	97
93) Benzo(a)pyrene	23.845	252	5573359	32.582	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.556	276	3689954	17.318	ng/u1	97
95) Dibenzo(a,h)anthracene	26.562	278	1011633	5.734	ng/u1#	83
96) Benzo(g,h,i)perylene	27.362	276	2729125	15.955	ng/u1	99

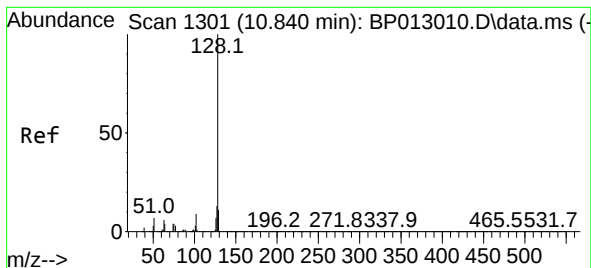
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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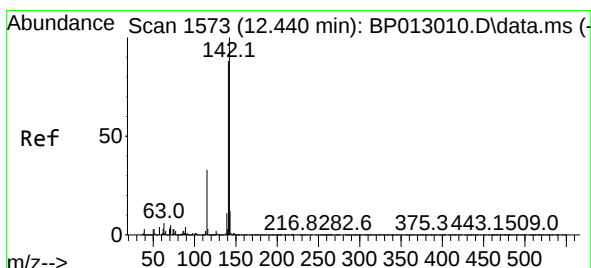
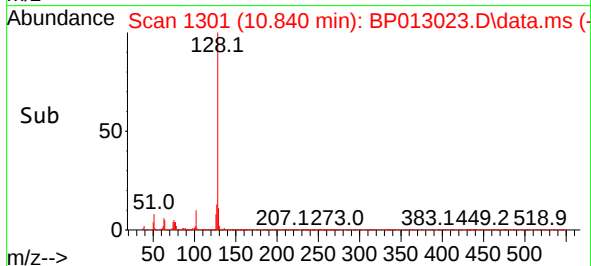
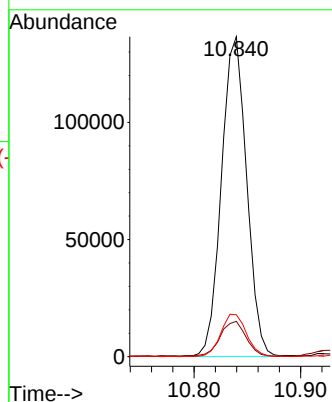
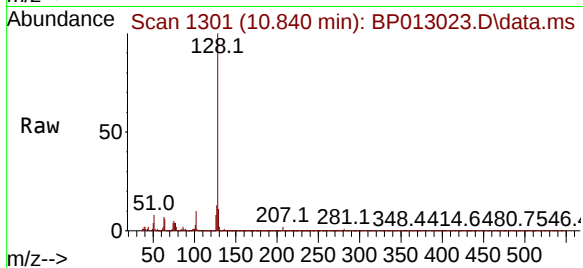




#30
Naphthalene
Concen: 1.585 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013023.D
Acq: 09 Dec 2022 17:57

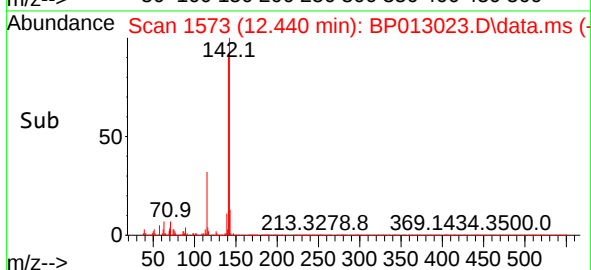
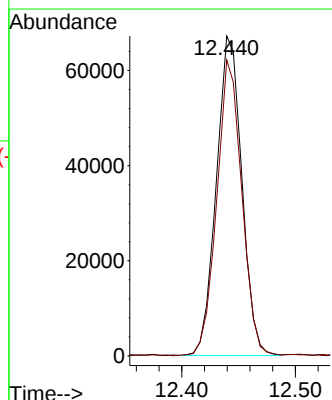
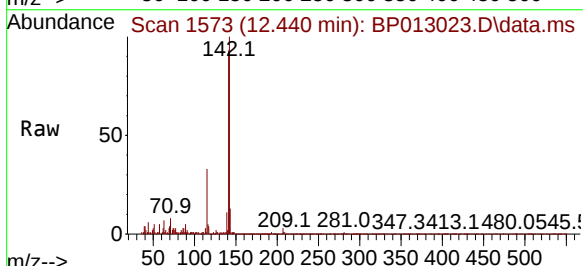
Instrument :
BNA_P
ClientSampleId :
DBXN4

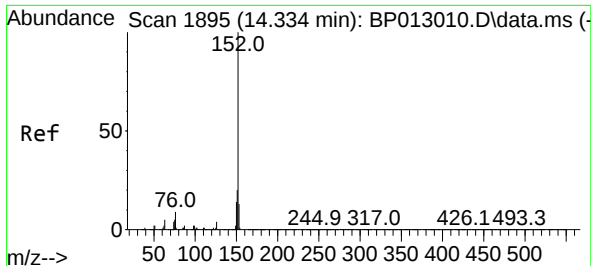
Tgt Ion:128 Resp: 223763
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.4 15.6



#36
2-Methylnaphthalene
Concen: 1.080 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013023.D
Acq: 09 Dec 2022 17:57

Tgt Ion:142 Resp: 104525
Ion Ratio Lower Upper
142 100
141 92.5 70.8 106.2

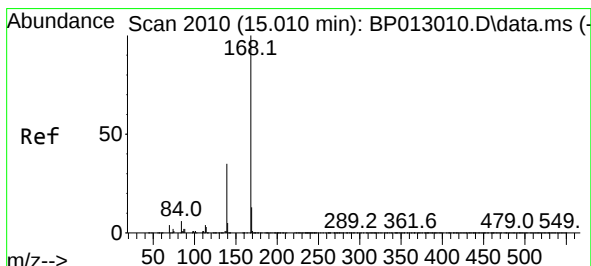
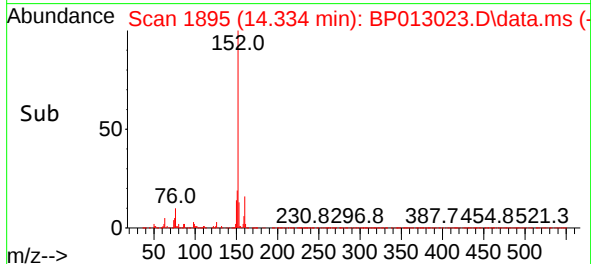
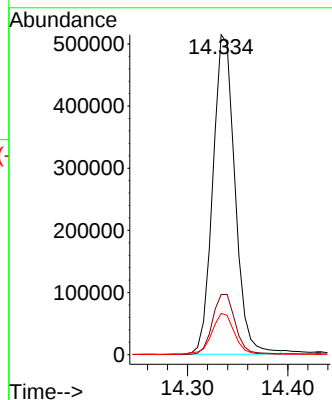
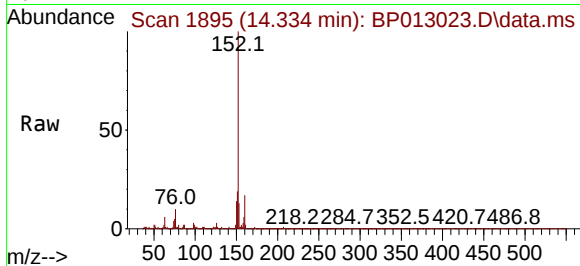




#50
Acenaphthylene
Concen: 4.895 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013023.D
Acq: 09 Dec 2022 17:57

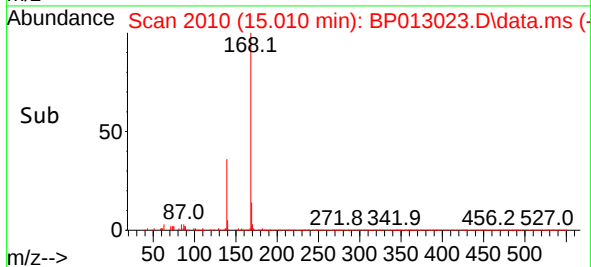
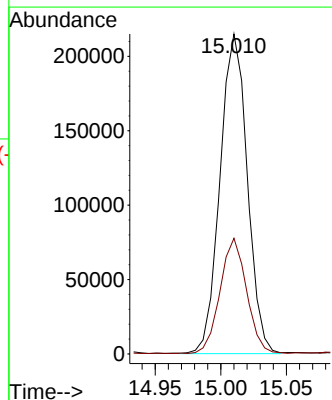
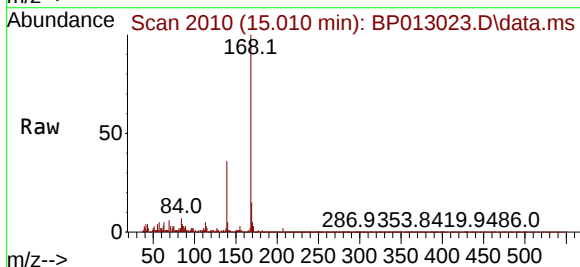
Instrument :
BNA_P
ClientSampleId :
DBXN4

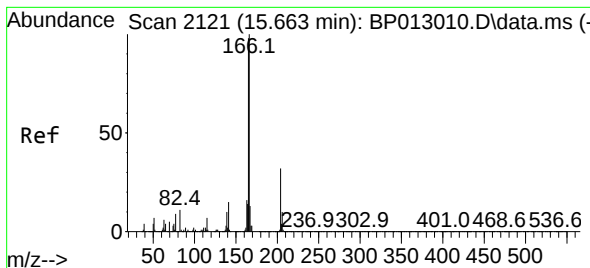
Tgt Ion:152 Resp: 786475
Ion Ratio Lower Upper
152 100
151 18.8 15.8 23.6
153 12.9 10.6 16.0



#56
Dibenzofuran
Concen: 1.961 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP013023.D
Acq: 09 Dec 2022 17:57

Tgt Ion:168 Resp: 310391
Ion Ratio Lower Upper
168 100
139 36.2 27.9 41.9





#61

Fluorene

Concen: 1.087 ng/ul

RT: 15.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BP013023.D

Acq: 09 Dec 2022 17:57

Instrument :

BNA_P

ClientSampleId :

DBXN4

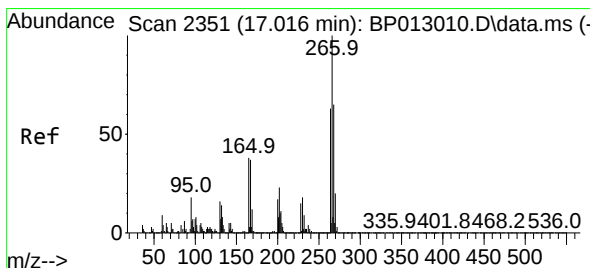
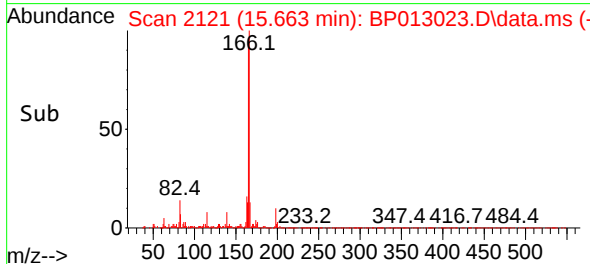
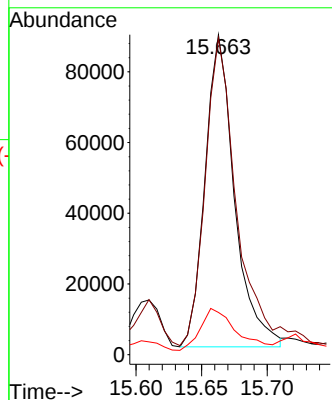
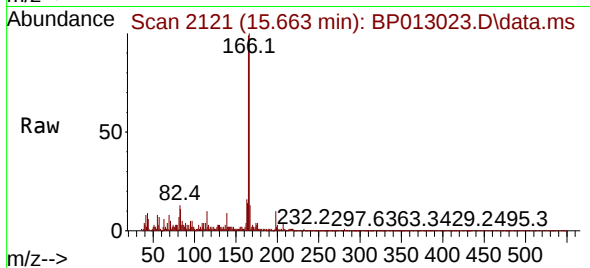
Tgt Ion:166 Resp: 137974

Ion Ratio Lower Upper

166 100

165 99.0 77.4 116.2

167 13.2 10.6 16.0



#71

Pentachlorophenol

Concen: 2.509 ng/ul

RT: 17.016 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BP013023.D

Acq: 09 Dec 2022 17:57

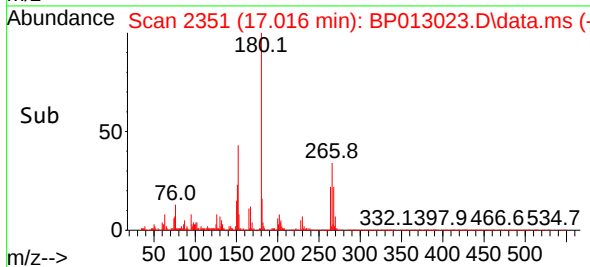
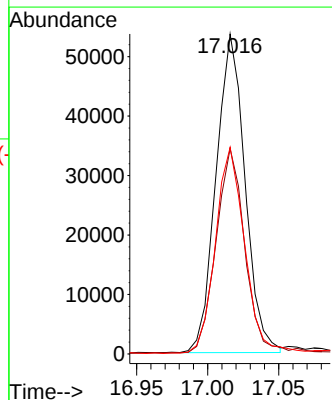
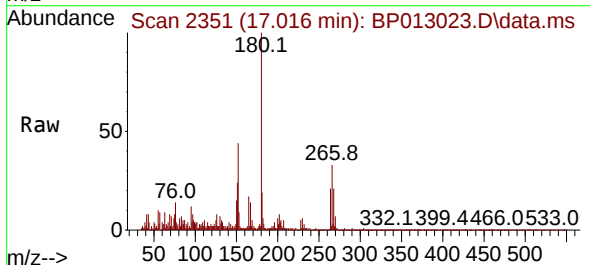
Tgt Ion:266 Resp: 76016

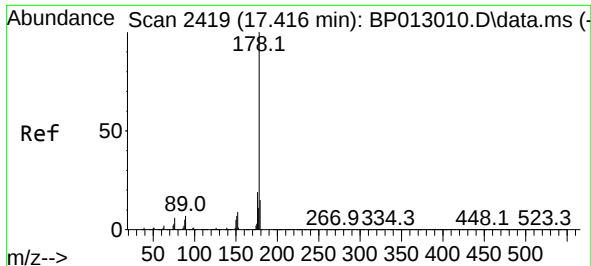
Ion Ratio Lower Upper

266 100

264 64.2 50.9 76.3

268 64.6 51.4 77.2

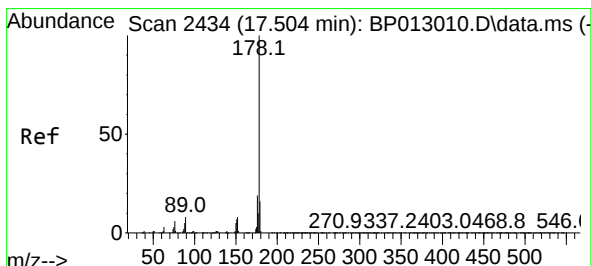
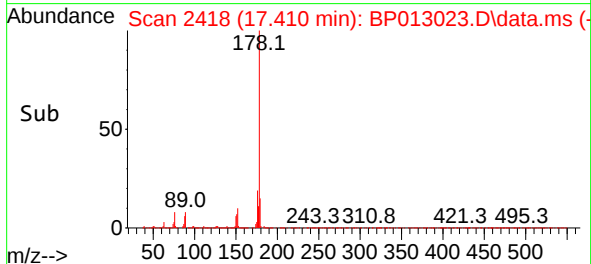
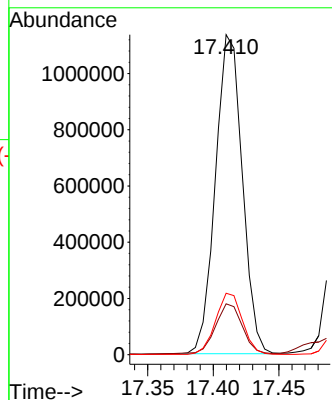
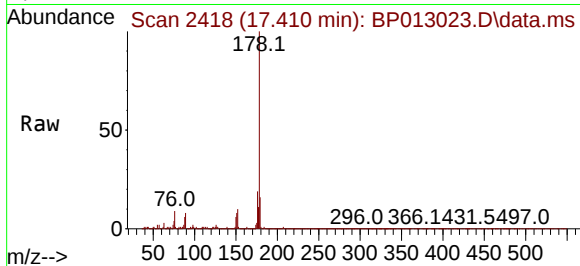




#72
Phenanthrene
Concen: 7.985 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013023.D
Acq: 09 Dec 2022 17:57

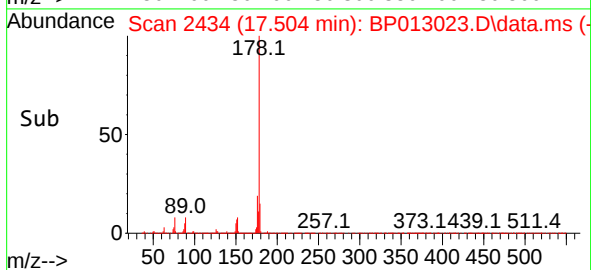
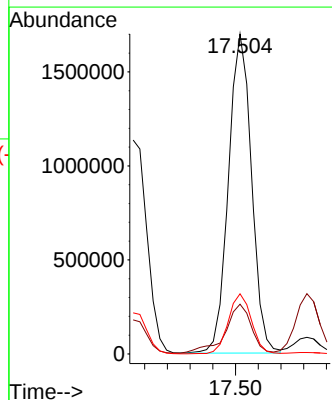
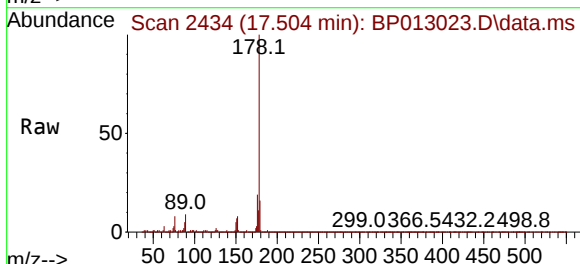
Instrument :
BNA_P
ClientSampleId :
DBXN4

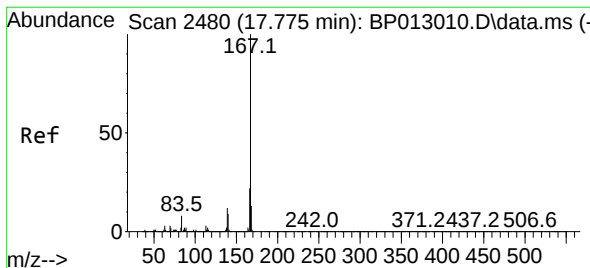
Tgt Ion:178 Resp: 1613762
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.2 15.4 23.0



#74
Anthracene
Concen: 11.879 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP013023.D
Acq: 09 Dec 2022 17:57

Tgt Ion:178 Resp: 2396986
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.8 14.8 22.2





#77

Carbazole

Concen: 2.626 ng/ul

RT: 17.775 min Scan# 2480

Delta R.T. -0.000 min

Lab File: BP013023.D

Acq: 09 Dec 2022 17:57

Instrument :

BNA_P

ClientSampleId :

DBXN4

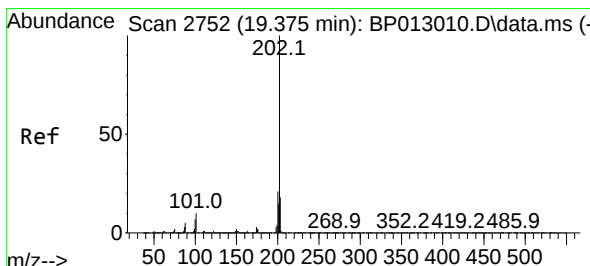
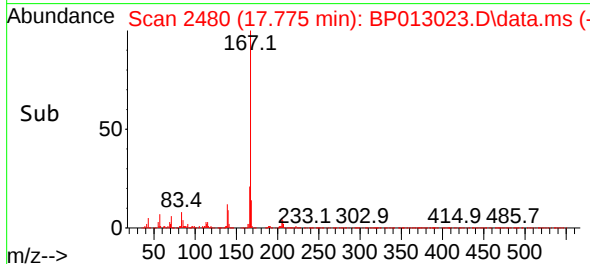
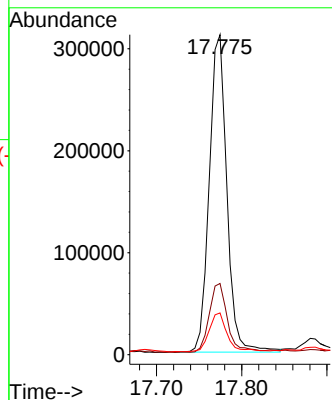
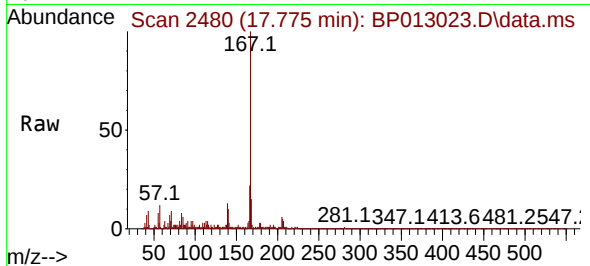
Tgt Ion:167 Resp: 446326

Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

139 13.0 9.4 14.2



#80

Fluoranthene

Concen: 39.563 ng/ul

RT: 19.374 min Scan# 2752

Delta R.T. -0.000 min

Lab File: BP013023.D

Acq: 09 Dec 2022 17:57

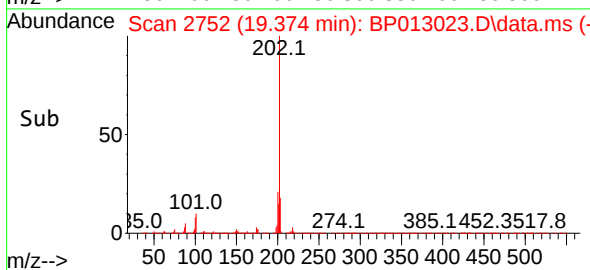
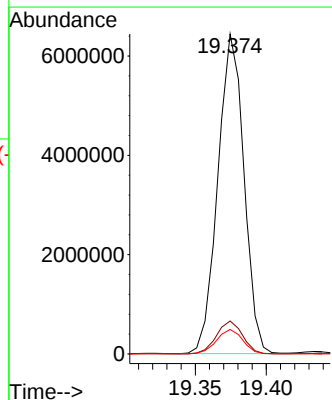
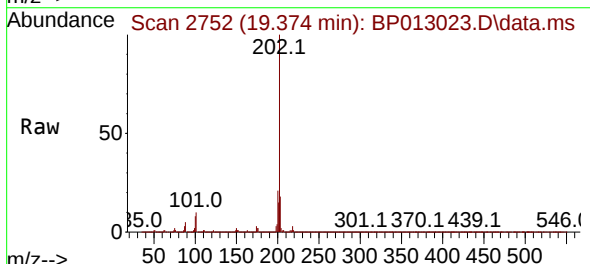
Tgt Ion:202 Resp: 8231748

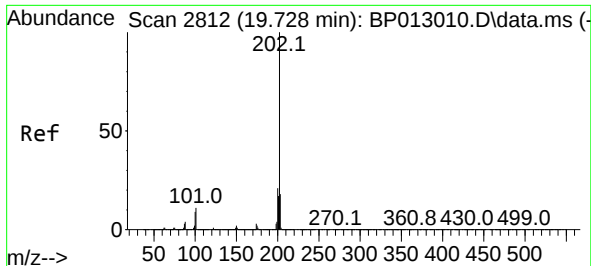
Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

100 7.7 6.1 9.1

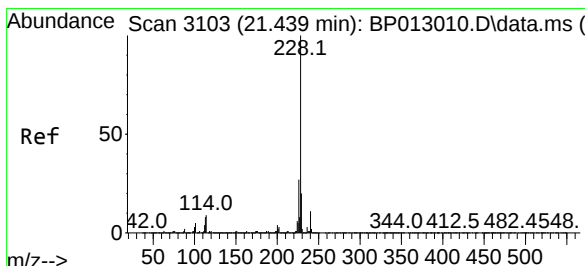
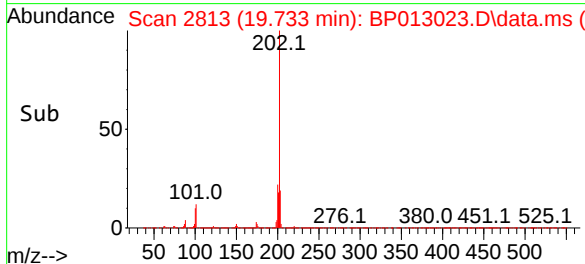
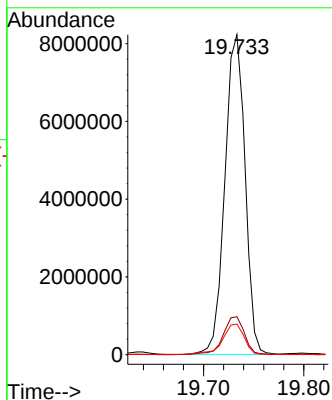
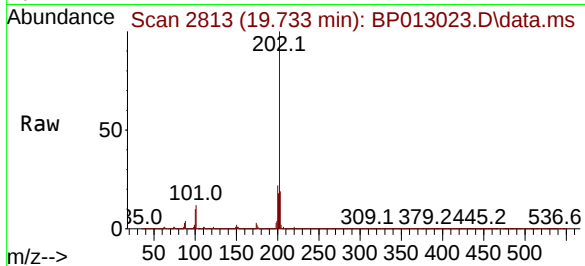




#82
 Pyrene
 Concen: 53.450 ng/ul
 RT: 19.733 min Scan# 2813
 Delta R.T. 0.006 min
 Lab File: BP013023.D
 Acq: 09 Dec 2022 17:57

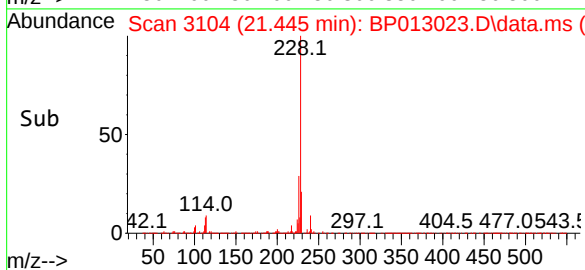
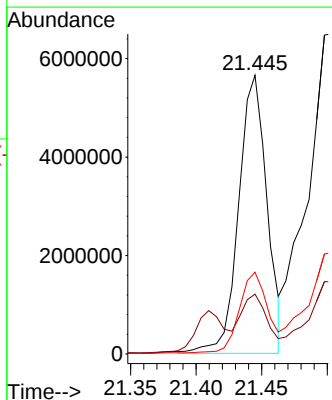
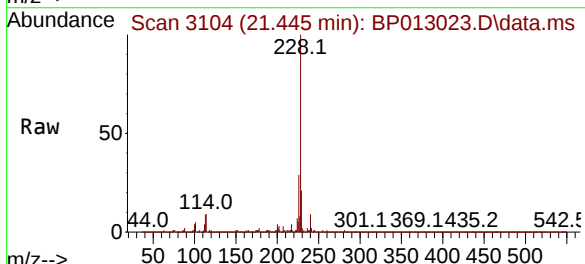
Instrument :
 BNA_P
 ClientSampleId :
 DBXN4

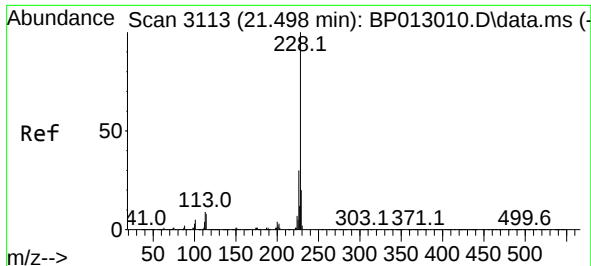
Tgt Ion:202 Resp:11471938
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.4 14.2
 100 9.6 7.8 11.8



#85
 Benzo(a)anthracene
 Concen: 40.019 ng/ul
 RT: 21.445 min Scan# 3104
 Delta R.T. 0.006 min
 Lab File: BP013023.D
 Acq: 09 Dec 2022 17:57

Tgt Ion:228 Resp: 8484600
 Ion Ratio Lower Upper
 228 100
 229 21.5 16.1 24.1
 226 29.3 22.0 33.0

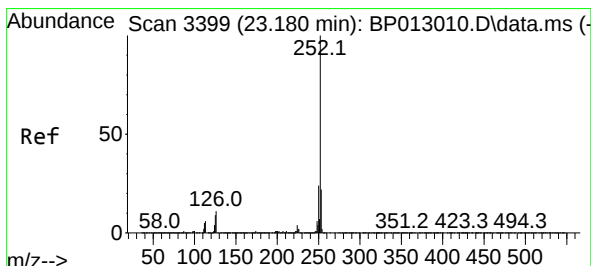
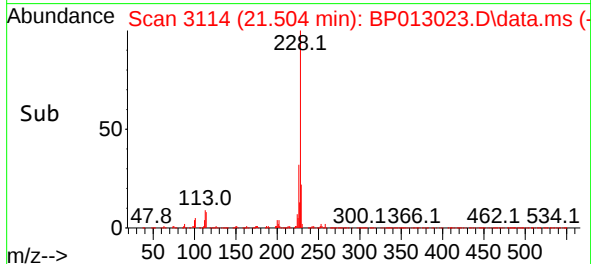
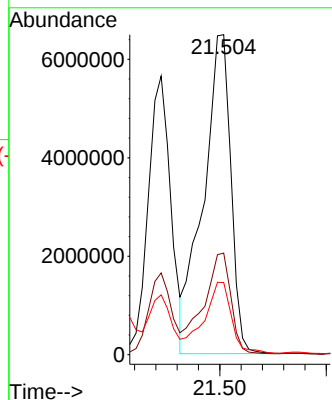
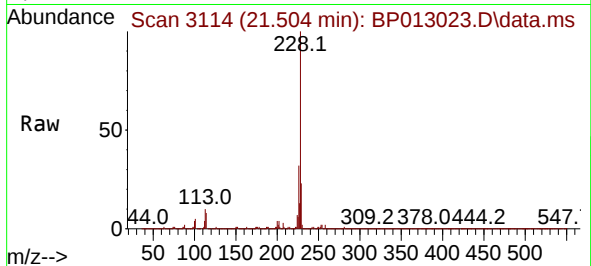




#87
Chrysene
Concen: 58.277 ng/ul
RT: 21.504 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP013023.D
Acq: 09 Dec 2022 17:57

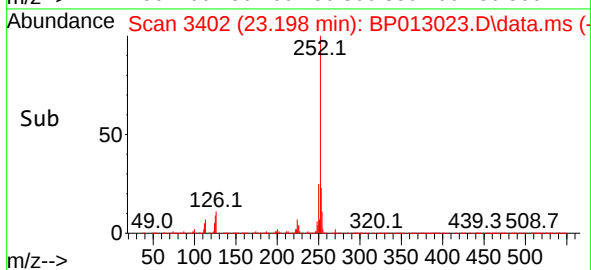
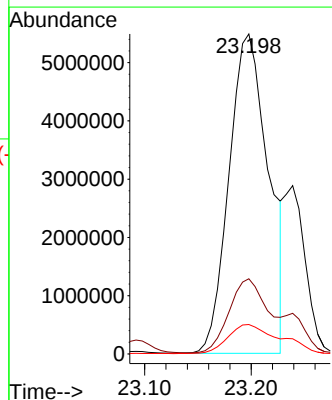
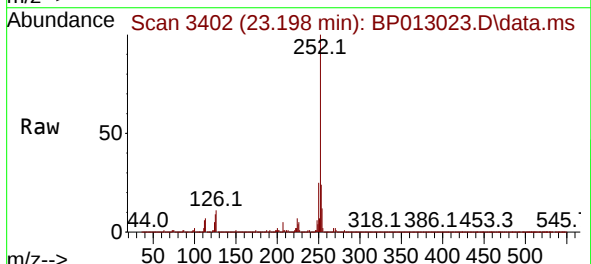
Instrument :
BNA_P
ClientSampleId :
DBXN4

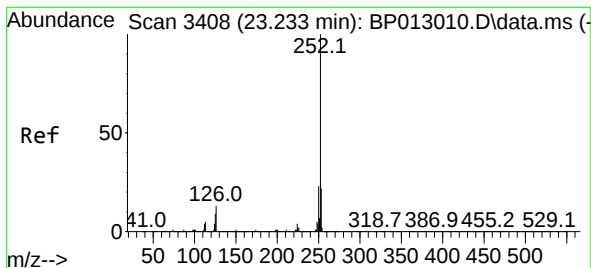
Tgt Ion:228 Resp:11684329
Ion Ratio Lower Upper
228 100
226 31.8 24.5 36.7
229 22.6 16.0 24.0



#90
Benzo(b)fluoranthene
Concen: 71.693 ng/ul
RT: 23.198 min Scan# 3402
Delta R.T. 0.012 min
Lab File: BP013023.D
Acq: 09 Dec 2022 17:57

Tgt Ion:252 Resp:14084344
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 9.2 6.8 10.2





#91

Benzo(k)fluoranthene

Concen: 72.300 ng/uI

RT: 23.198 min Scan# 3408

Delta R.T. -0.035 min

Lab File: BP013023.D

Acq: 09 Dec 2022 17:57

Instrument :

BNA_P

ClientSampleId :

DBXN4

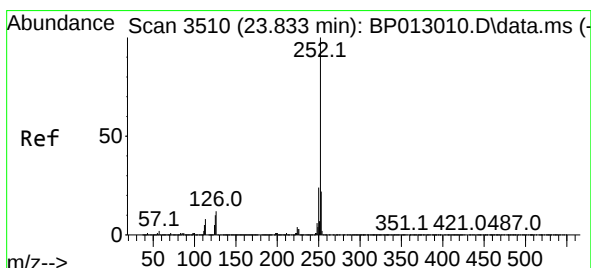
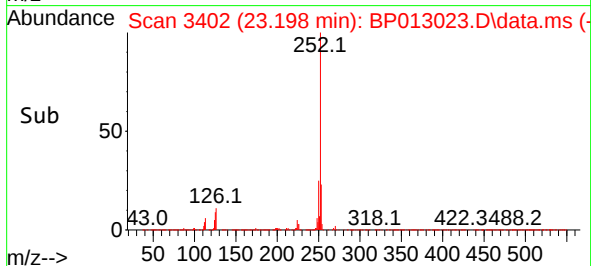
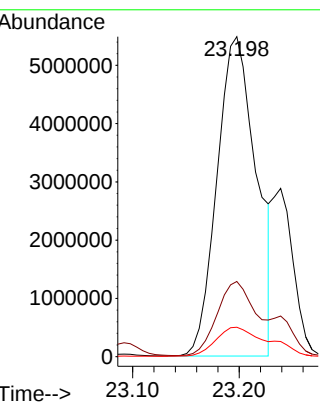
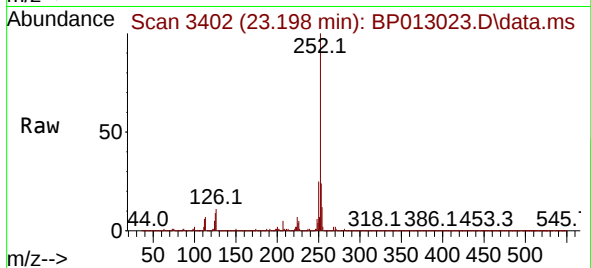
Tgt Ion:252 Resp:14084344

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 9.2 6.8 10.2



#93

Benzo(a)pyrene

Concen: 32.582 ng/uI

RT: 23.845 min Scan# 3512

Delta R.T. 0.006 min

Lab File: BP013023.D

Acq: 09 Dec 2022 17:57

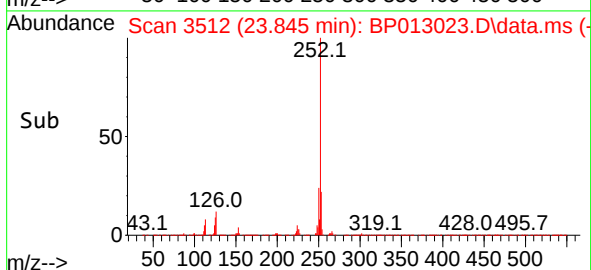
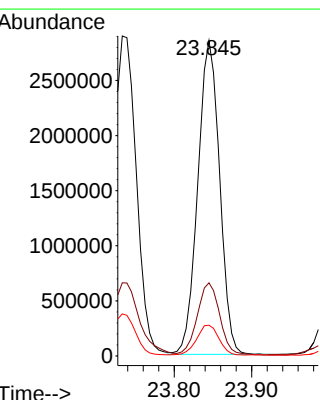
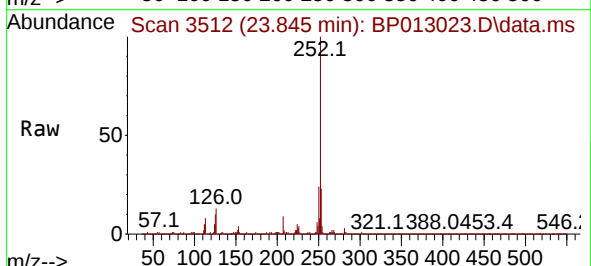
Tgt Ion:252 Resp: 5573359

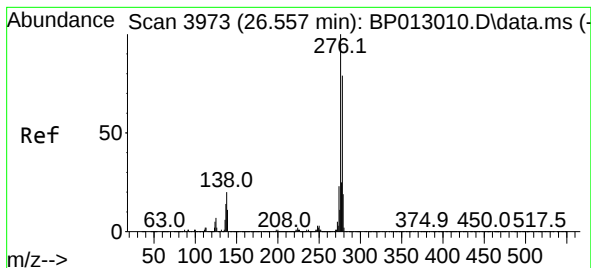
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 9.8 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 17.318 ng/ul

RT: 26.556 min Scan# 3973

Delta R.T. -0.000 min

Lab File: BP013023.D

Acq: 09 Dec 2022 17:57

Instrument :

BNA_P

ClientSampleId :

DBXN4

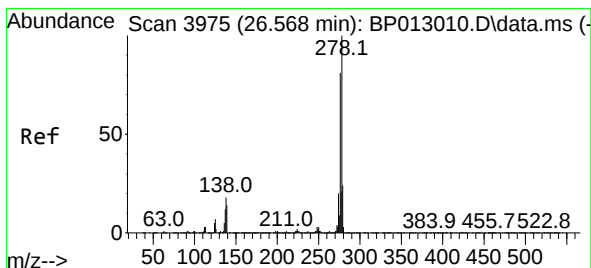
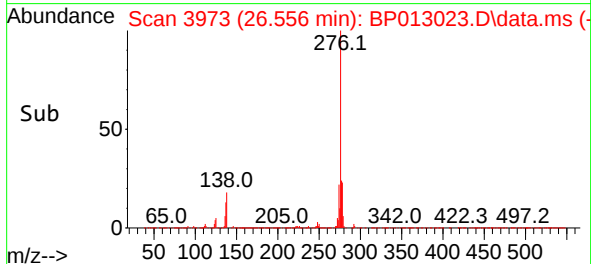
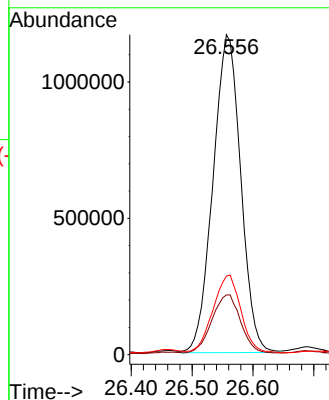
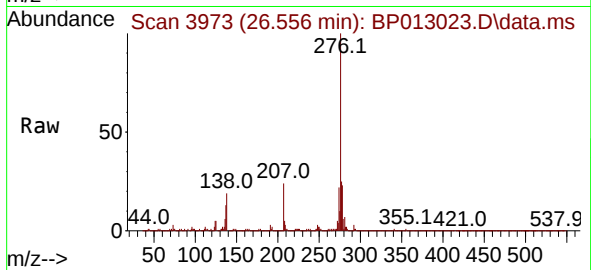
Tgt Ion:276 Resp: 3689954

Ion Ratio Lower Upper

276 100

138 18.7 17.1 25.7

277 24.5 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 5.734 ng/ul

RT: 26.562 min Scan# 3974

Delta R.T. -0.006 min

Lab File: BP013023.D

Acq: 09 Dec 2022 17:57

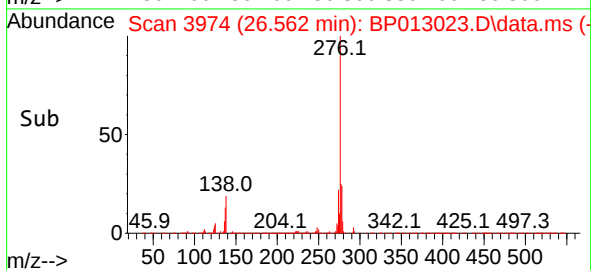
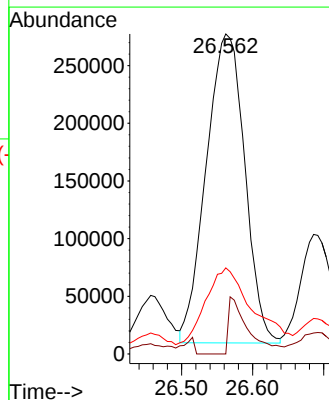
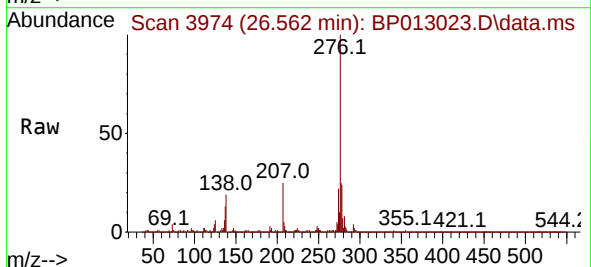
Tgt Ion:278 Resp: 1011633

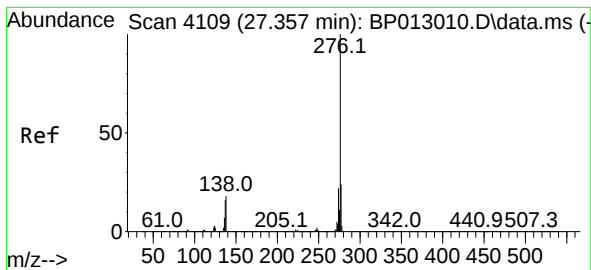
Ion Ratio Lower Upper

278 100

139 0.0 11.1 16.7#

279 26.9 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 15.955 ng/ul
 RT: 27.362 min Scan# 4110
 Delta R.T. 0.012 min
 Lab File: BP013023.D
 Acq: 09 Dec 2022 17:57

Instrument :
 BNA_P
 ClientSampleId :
 DBXN4

Tgt Ion:276 Resp: 2729125
 Ion Ratio Lower Upper
 276 100
 138 20.2 15.4 23.2
 277 24.1 19.1 28.7

