

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012244.D
 Acq On : 21 Oct 2022 14:22
 Operator : CG/JU
 Sample : N4755-07DL 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 21 22:31:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	335274	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1360280	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	776795	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1327540	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1192810	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1421725	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	6343	0.766	ng/uL	0.00
4) Pyridine-d5	3.699	84	41843	1.753	ng/ul	0.02
7) Phenol-d5	6.998	99	140342	4.849	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	81161	4.624	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	113243	5.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	106435	4.731	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	52101	5.174	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	57059	5.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	105843	5.194	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	84678	2.925	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	319957	5.921	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	361184	5.856	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	27750	2.741	ng/ul	0.00
60) Fluorene-d10	15.469	176	275674	5.930	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	16806	2.225	ng/ul	0.00
73) Anthracene-d10	17.339	188	369018	6.342	ng/ul	0.00
81) Pyrene-d10	19.574	212	380302	5.600	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	433568	6.081	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.681	128	309332	4.252	ng/ul	99
36) 2-Methylnaphthalene	12.292	142	229866	4.644	ng/ul	100
43) 1,1'-Biphenyl	13.304	154	121500	2.103	ng/ul	99
50) Acenaphthylene	14.198	152	371093	5.400	ng/ul	99
52) Acenaphthene	14.539	153	815468	16.778	ng/ul	99
56) Dibenzofuran	14.875	168	1193707	17.941	ng/ul	98
61) Fluorene	15.527	166	2013218	38.192	ng/ul	100
71) Pentachlorophenol	16.886	266	20414	2.041	ng/ul	96
72) Phenanthrene	17.280	178	5840915	81.863	ng/ul	100
74) Anthracene	17.380	178	12685224	179.690	ng/ul	97
77) Carbazole	17.645	167	3246036	52.100	ng/ul	100
80) Fluoranthene	19.251	202	6255787	74.546	ng/ul	95
82) Pyrene	19.604	202	4844266	56.422	ng/ul	94
85) Benzo(a)anthracene	21.315	228	1679020	21.598	ng/ul	97
87) Chrysene	21.368	228	2658340	36.644	ng/ul	98
90) Benzo(b)fluoranthene	23.003	252	3877464	40.923	ng/ul	98
91) Benzo(k)fluoranthene	23.003	252	3877464	41.517	ng/ul	98
93) Benzo(a)pyrene	23.627	252	1701380	20.999	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.233	276	1490000	15.886	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.239	278	375586	4.442	ng/ul#	79
96) Benzo(g,h,i)perylene	27.009	276	1232713	13.997	ng/ul	97

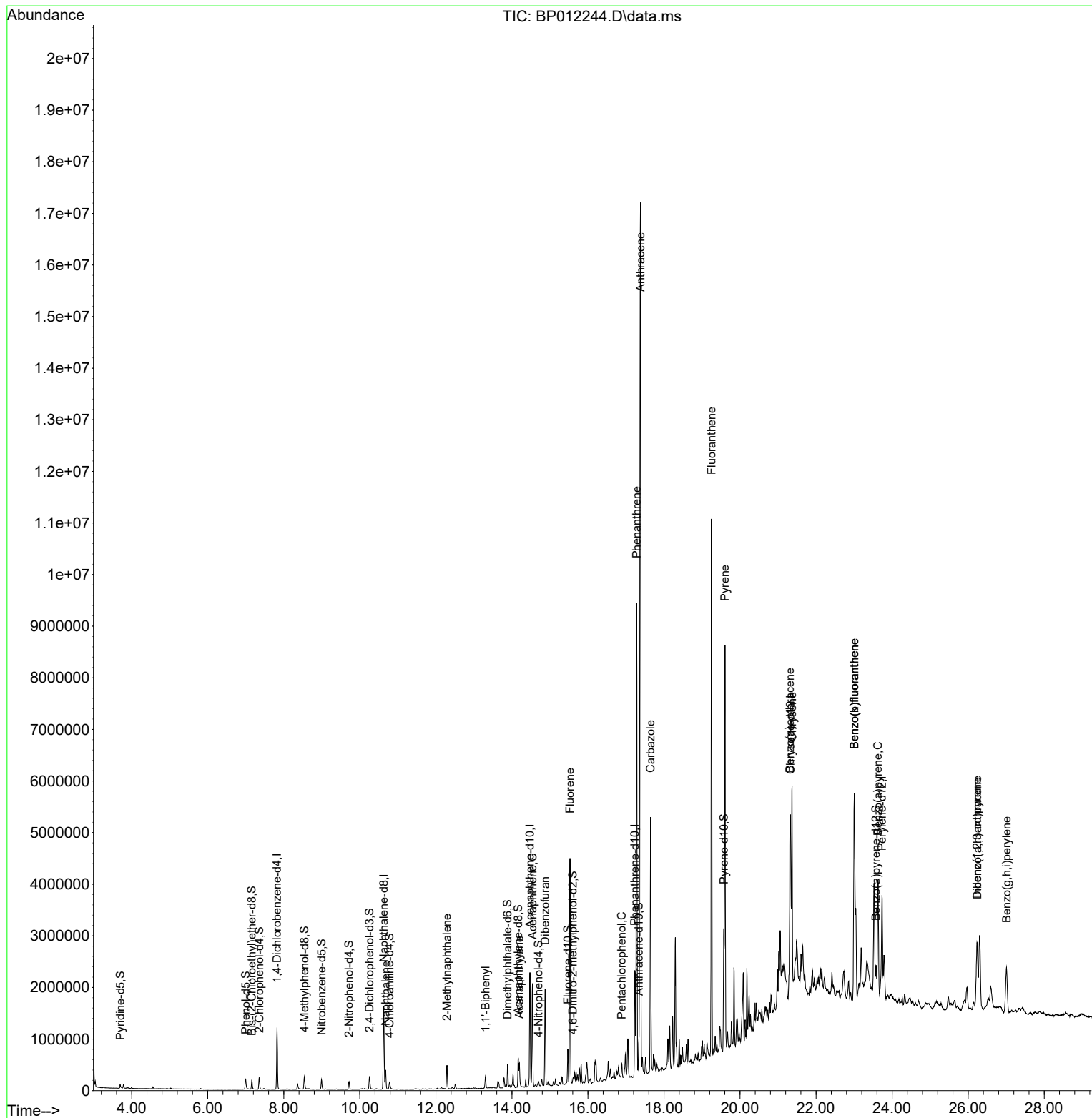
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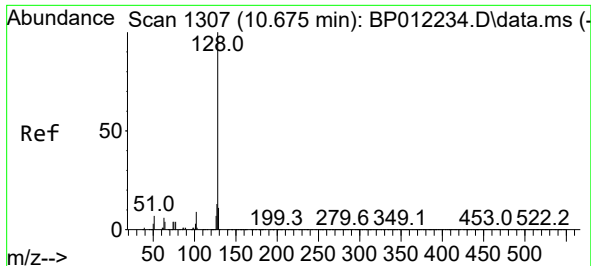
Instrument :
BNA_P
ClientSampleId :

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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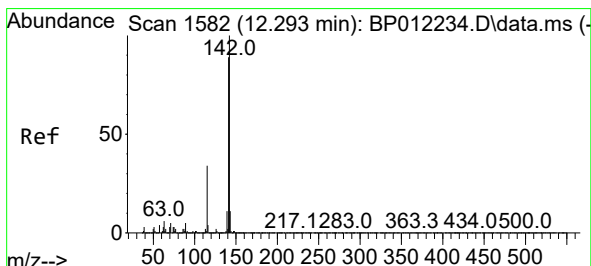
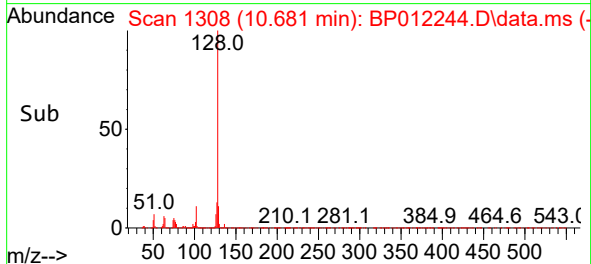
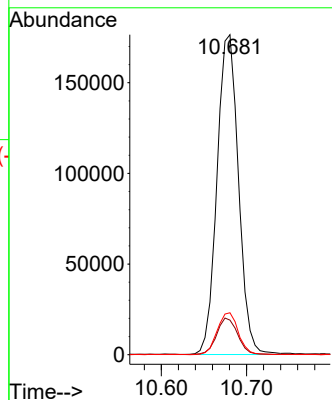
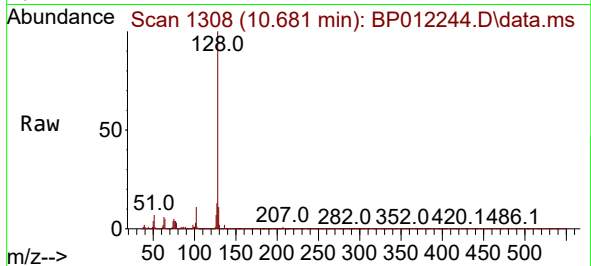




#30
Naphthalene
Concen: 4.252 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

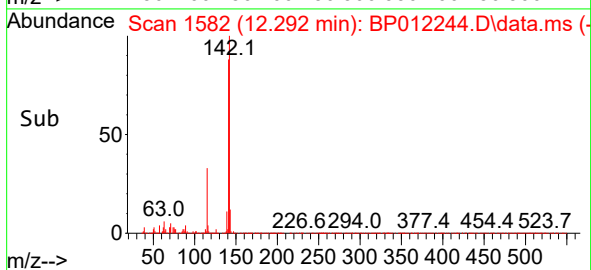
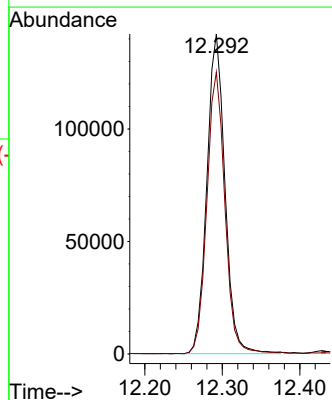
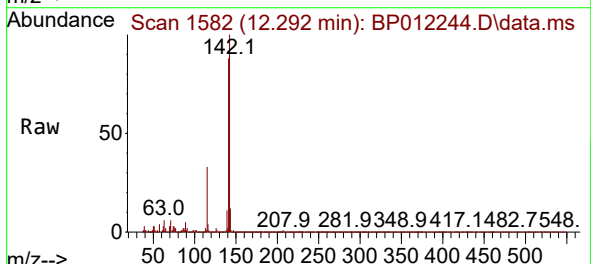
Instrument :
BNA_P
ClientSampleId :

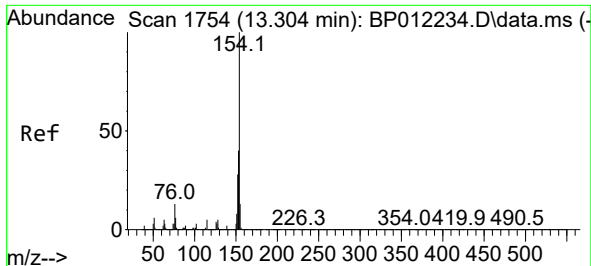
Tgt Ion:128 Resp: 309332
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 10.2 15.4



#36
2-Methylnaphthalene
Concen: 4.644 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

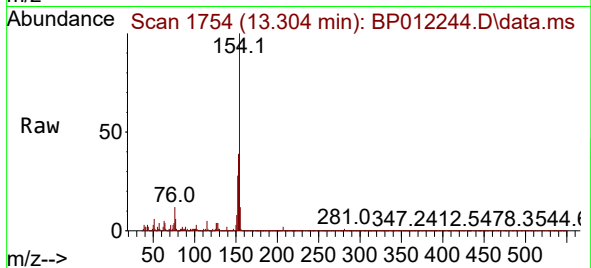
Tgt Ion:142 Resp: 229866
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5



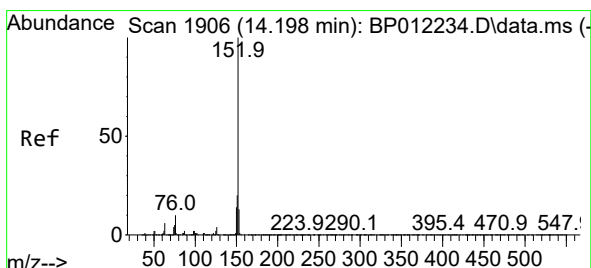
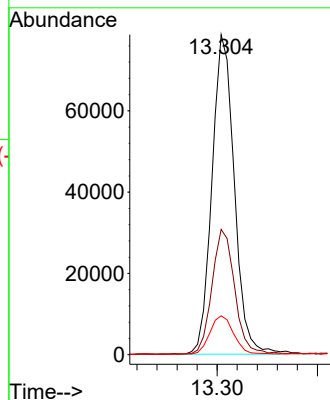
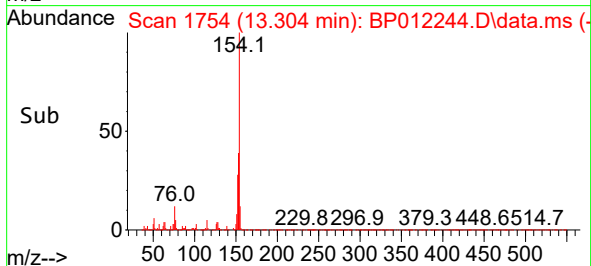


#43
1,1'-Biphenyl
Concen: 2.103 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

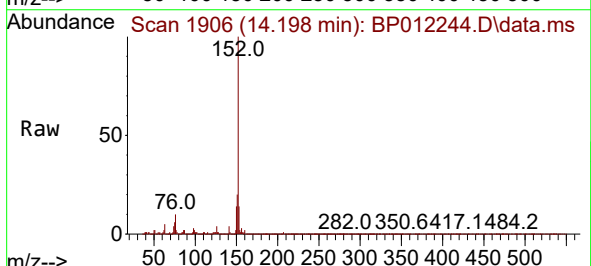
Instrument :
BNA_P
ClientSampleId :



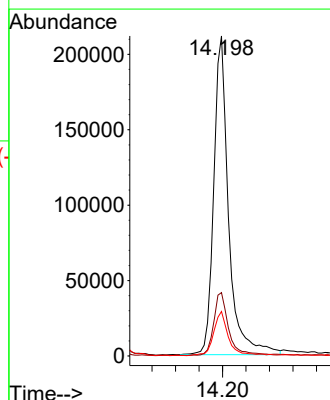
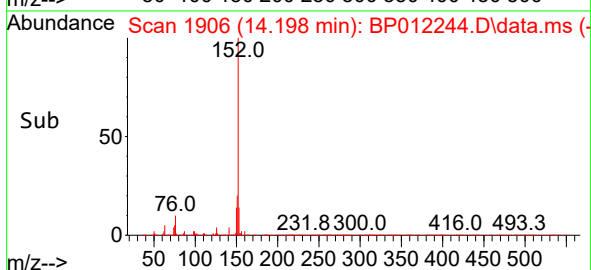
Tgt Ion:154 Resp: 121500
Ion Ratio Lower Upper
154 100
153 39.2 31.5 47.3
76 12.2 11.0 16.4

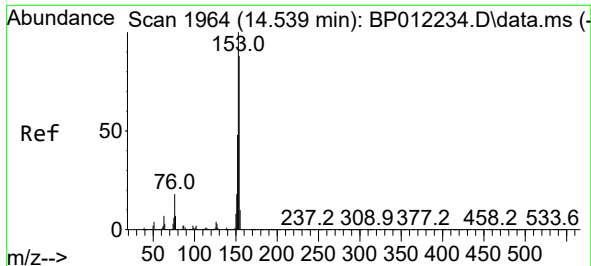


#50
Acenaphthylene
Concen: 5.400 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22



Tgt Ion:152 Resp: 371093
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.9 10.6 16.0

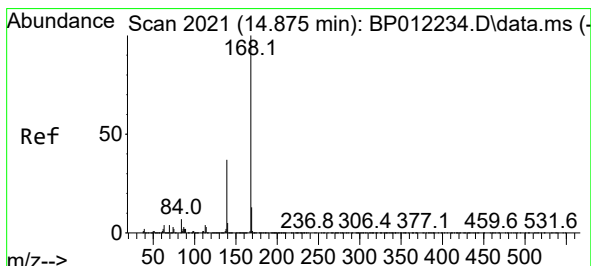
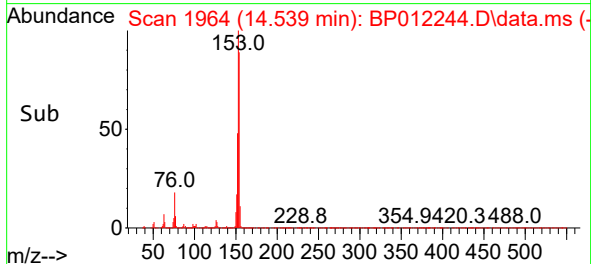
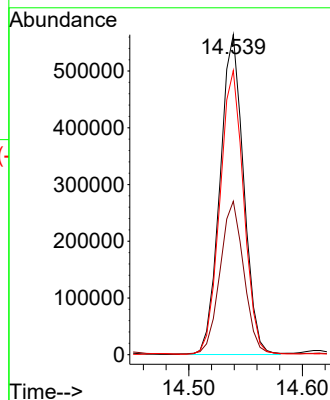
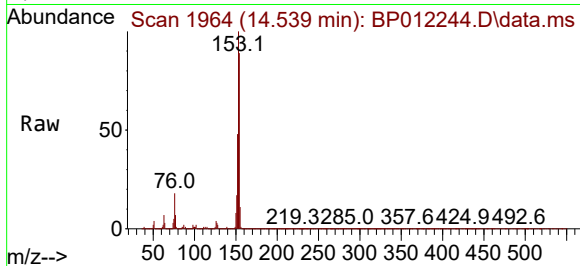




#52
Acenaphthene
Concen: 16.778 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

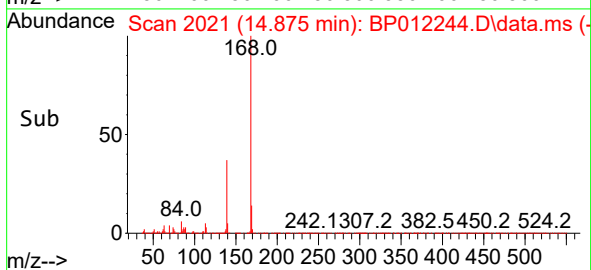
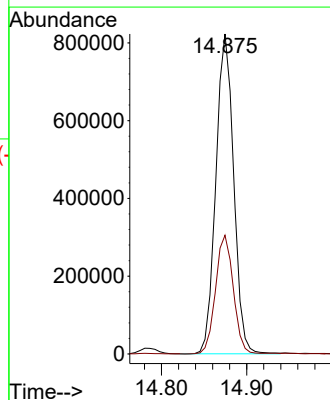
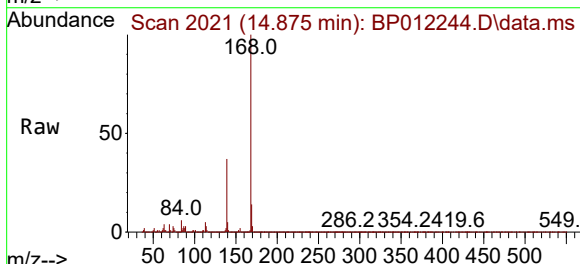
Instrument :
BNA_P
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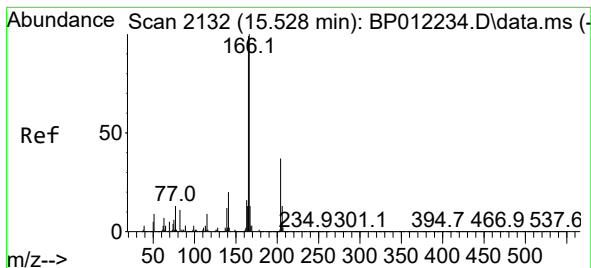
Tgt Ion:153 Resp: 815468
Ion Ratio Lower Upper
153 100
152 47.9 38.1 57.1
154 88.8 71.4 107.2



#56
Dibenzofuran
Concen: 17.941 ng/ul
RT: 14.875 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

Tgt Ion:168 Resp: 1193707
Ion Ratio Lower Upper
168 100
139 37.1 29.0 43.4





#61

Fluorene

Concen: 38.192 ng/ul

RT: 15.527 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

Instrument :

BNA_P

ClientSampleId :

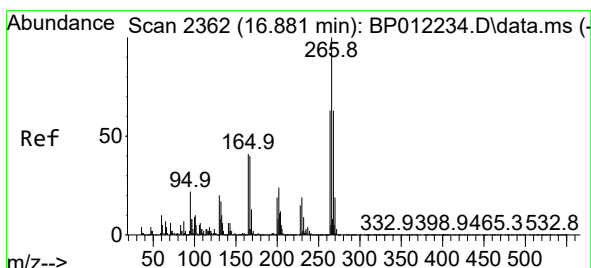
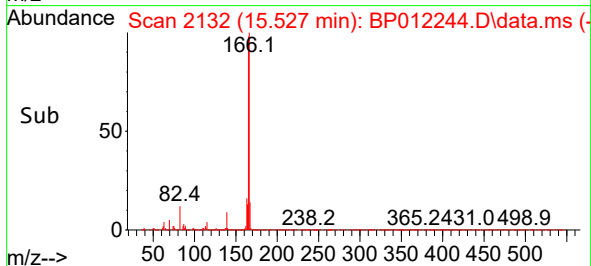
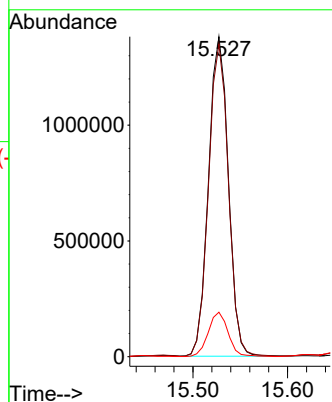
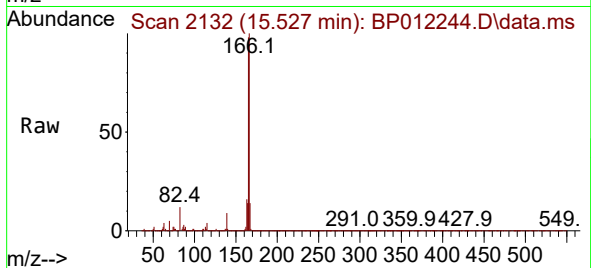
Tgt Ion:166 Resp: 2013218

Ion Ratio Lower Upper

166 100

165 97.7 78.0 117.0

167 13.9 10.7 16.1



#71

Pentachlorophenol

Concen: 2.041 ng/ul

RT: 16.886 min Scan# 2363

Delta R.T. -0.000 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

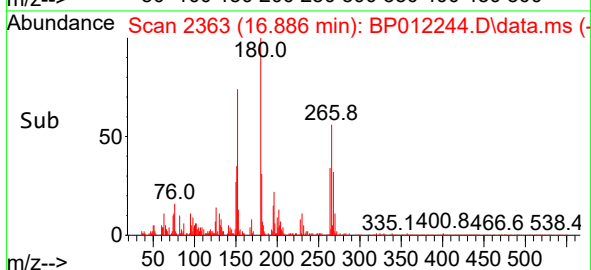
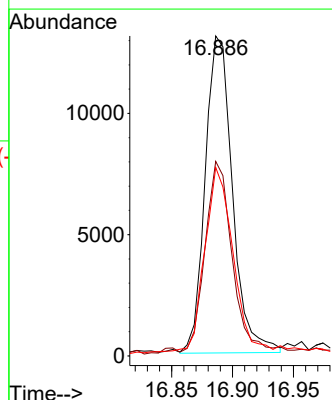
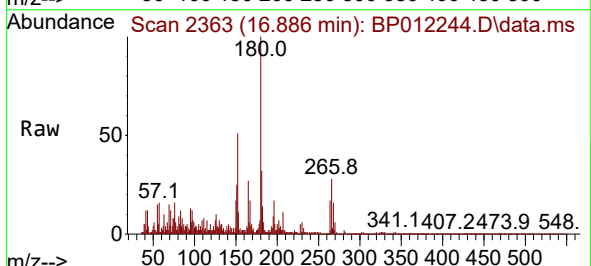
Tgt Ion:266 Resp: 20414

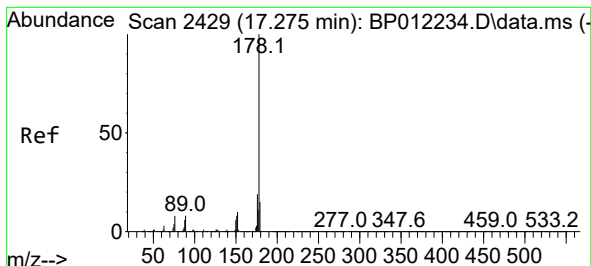
Ion Ratio Lower Upper

266 100

264 60.8 50.1 75.1

268 58.9 50.6 76.0





#72

Phenanthrene

Concen: 81.863 ng/ul

RT: 17.280 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

Instrument :

BNA_P

ClientSampleId :

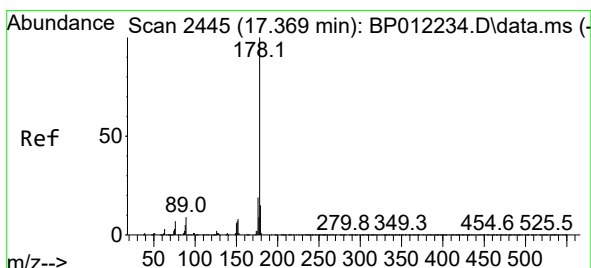
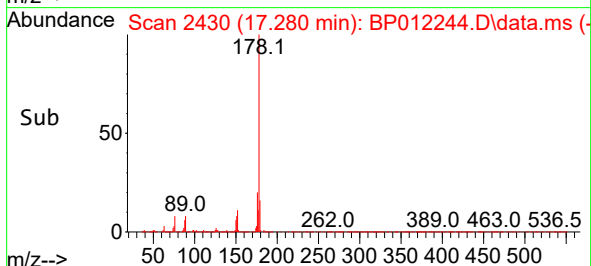
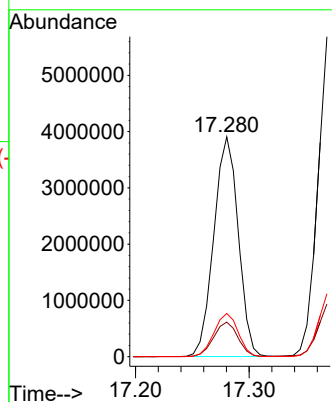
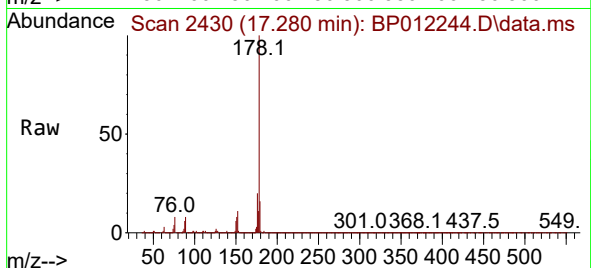
Tgt Ion:178 Resp: 5840915

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 19.6 15.6 23.4



#74

Anthracene

Concen: 179.690 ng/ul

RT: 17.380 min Scan# 2447

Delta R.T. 0.006 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

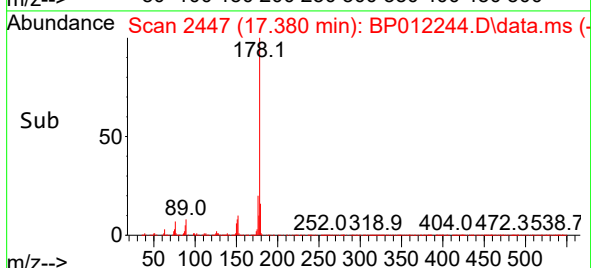
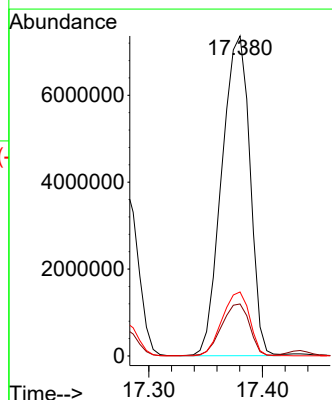
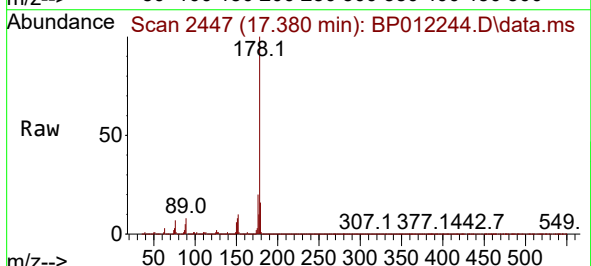
Tgt Ion:178 Resp:12685224

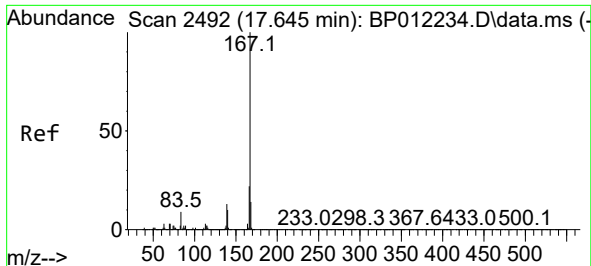
Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

176 20.0 15.0 22.4

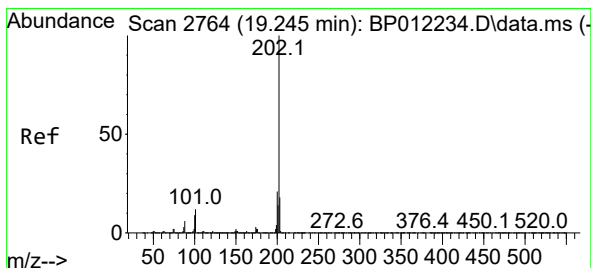
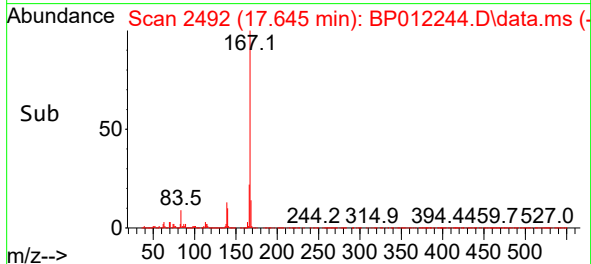
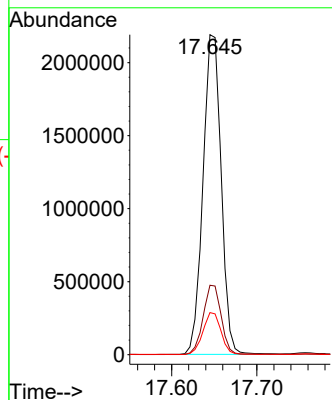
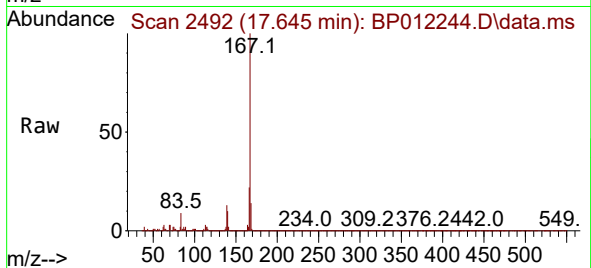




#77
 Carbazole
 Concen: 52.100 ng/ul
 RT: 17.645 min Scan# 2492
 Delta R.T. -0.006 min
 Lab File: BP012244.D
 Acq: 21 Oct 2022 14:22

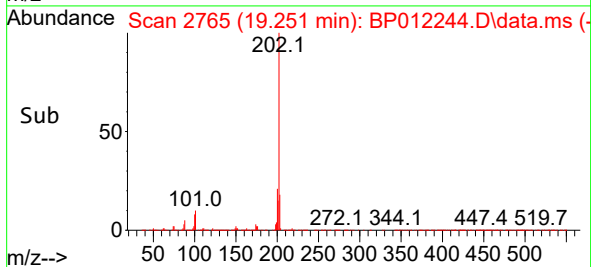
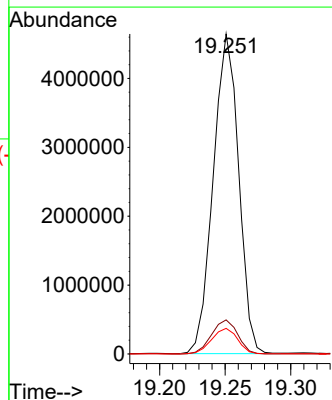
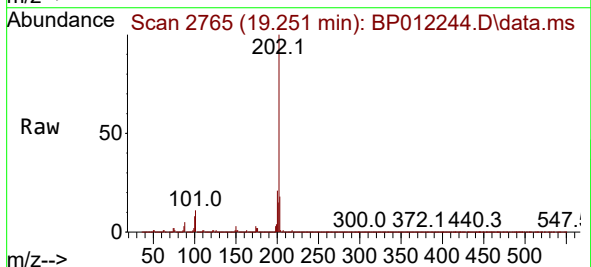
Instrument :
 BNA_P
 ClientSampleId :

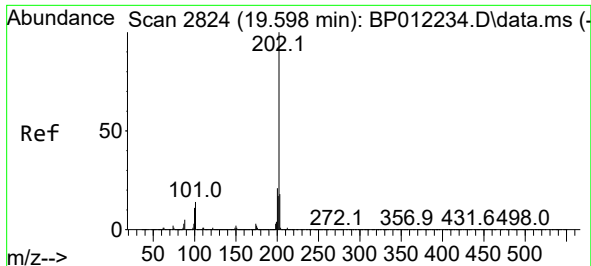
Tgt Ion:167 Resp: 3246036
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.2 10.2 15.4



#80
 Fluoranthene
 Concen: 74.546 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. -0.000 min
 Lab File: BP012244.D
 Acq: 21 Oct 2022 14:22

Tgt Ion:202 Resp: 6255787
 Ion Ratio Lower Upper
 202 100
 101 10.7 10.4 15.6
 100 8.0 7.7 11.5

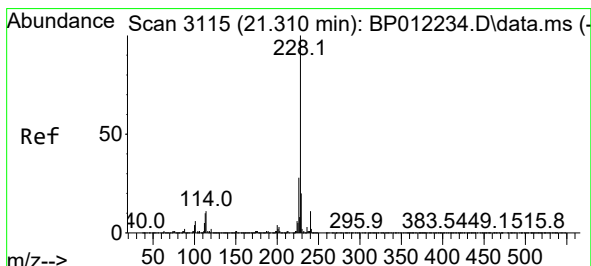
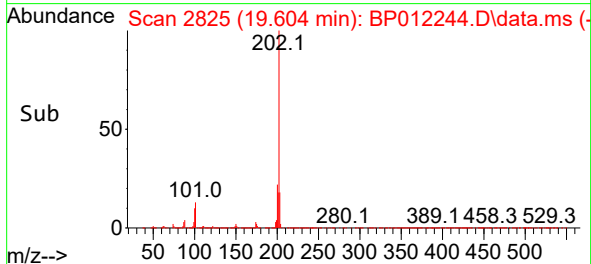
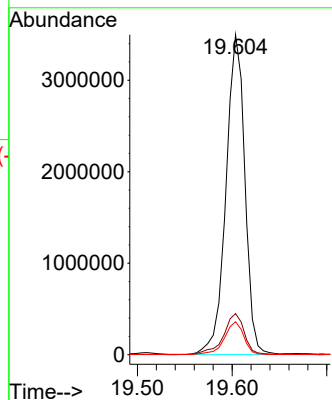
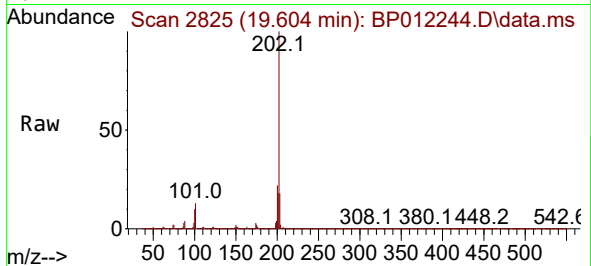




#82
 Pyrene
 Concen: 56.422 ng/ul
 RT: 19.604 min Scan# 2825
 Delta R.T. -0.000 min
 Lab File: BP012244.D
 Acq: 21 Oct 2022 14:22

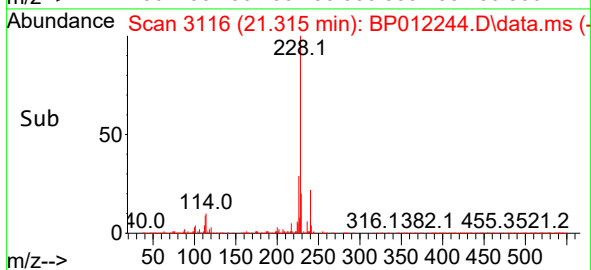
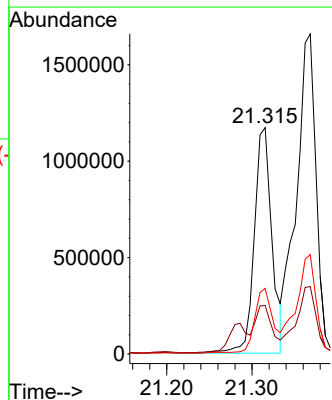
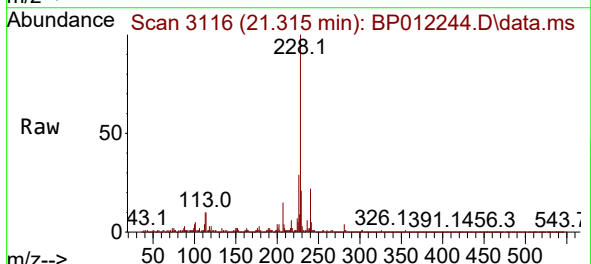
Instrument :
 BNA_P
 ClientSampleId :

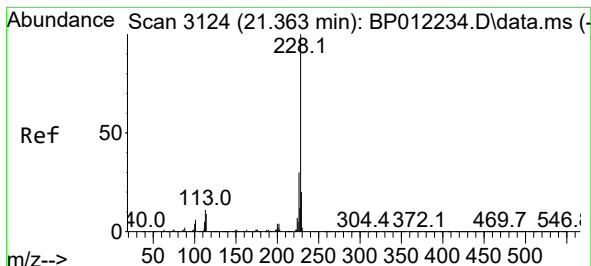
Tgt Ion:202 Resp: 4844266
 Ion Ratio Lower Upper
 202 100
 101 12.8 12.3 18.5
 100 10.3 10.0 15.0



#85
 Benzo(a)anthracene
 Concen: 21.598 ng/ul
 RT: 21.315 min Scan# 3116
 Delta R.T. -0.000 min
 Lab File: BP012244.D
 Acq: 21 Oct 2022 14:22

Tgt Ion:228 Resp: 1679020
 Ion Ratio Lower Upper
 228 100
 229 21.4 16.1 24.1
 226 29.0 21.9 32.9





#87

Chrysene

Concen: 36.644 ng/ul

RT: 21.368 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

Instrument :

BNA_P

ClientSampleId :

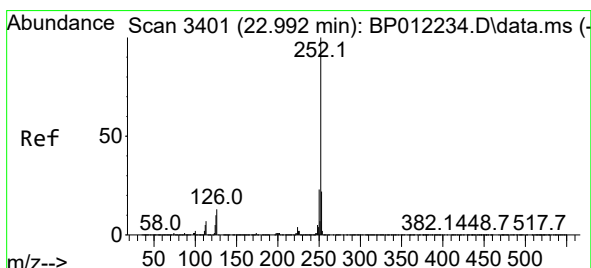
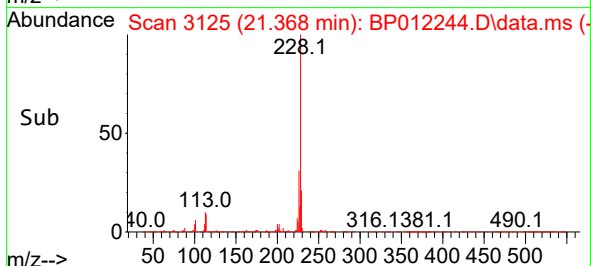
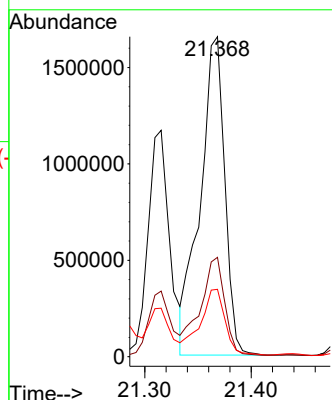
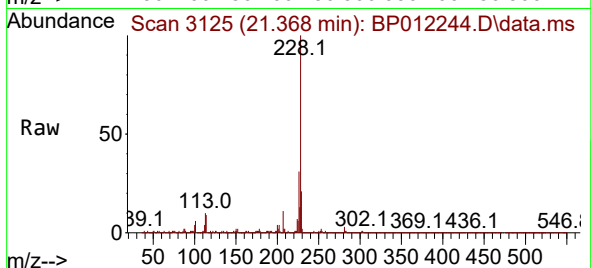
Tgt Ion:228 Resp: 2658340

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

229 21.1 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 40.923 ng/ul

RT: 23.003 min Scan# 3403

Delta R.T. -0.000 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

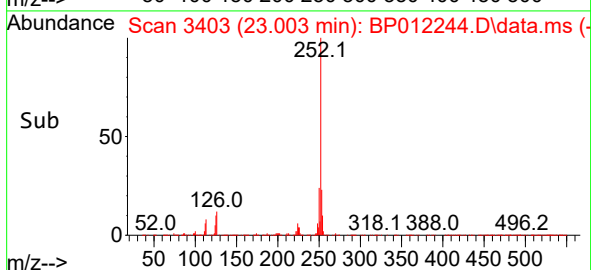
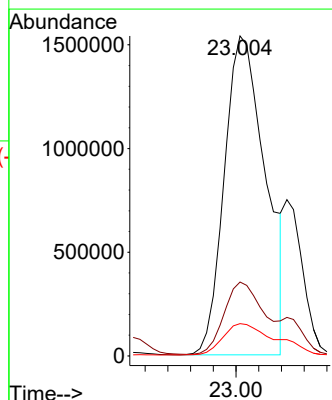
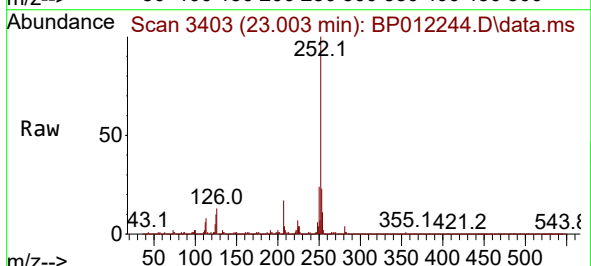
Tgt Ion:252 Resp: 3877464

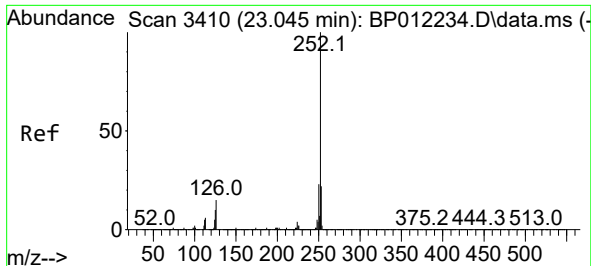
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 10.1 8.5 12.7

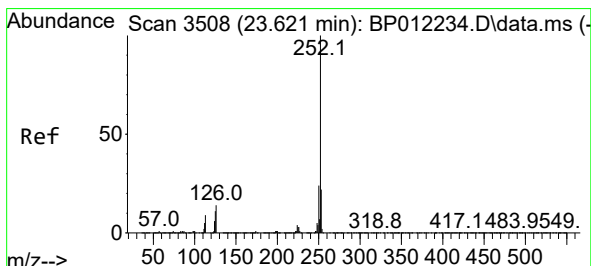
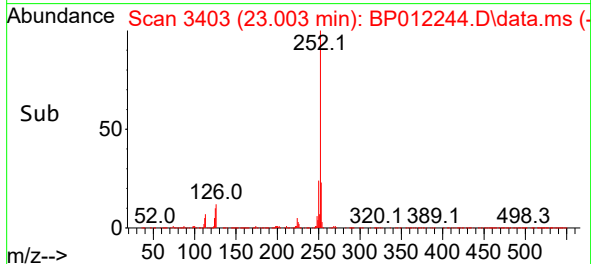
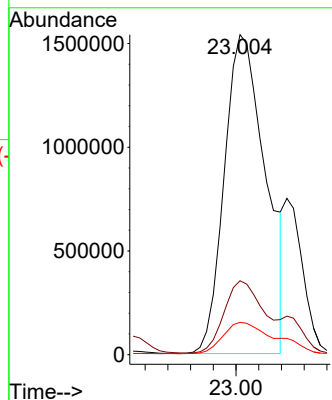
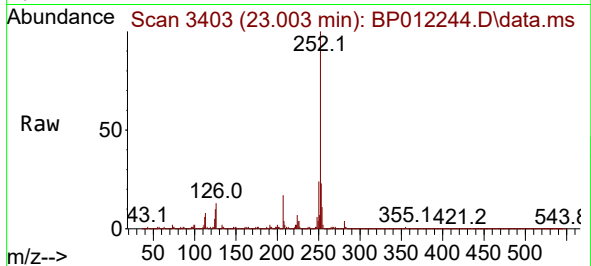




#91
Benzo(k)fluoranthene
Concen: 41.517 ng/ul
RT: 23.003 min Scan# 3410
Delta R.T. -0.047 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

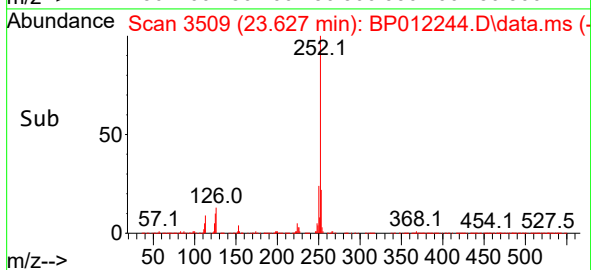
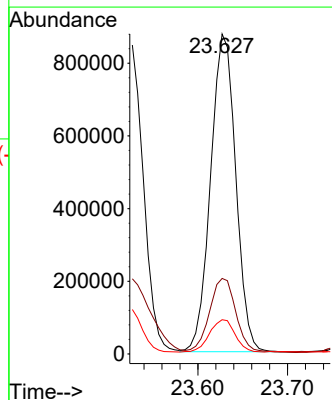
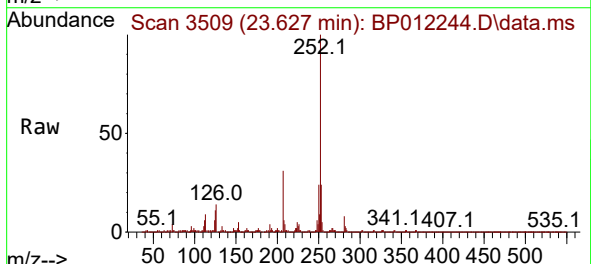
Instrument :
BNA_P
ClientSampleId :

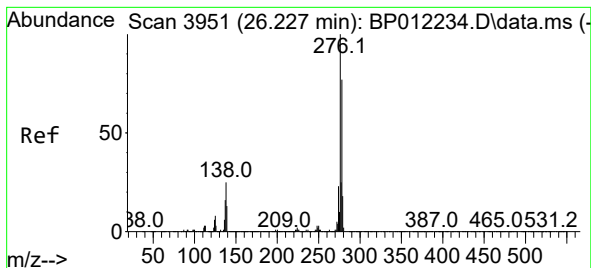
Tgt Ion:252 Resp: 3877464
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.1 8.6 13.0



#93
Benzo(a)pyrene
Concen: 20.999 ng/ul
RT: 23.627 min Scan# 3509
Delta R.T. -0.006 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

Tgt Ion:252 Resp: 1701380
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 10.7 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 15.886 ng/ul

RT: 26.233 min Scan# 3952

Delta R.T. -0.012 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

Instrument :

BNA_P

ClientSampleId :

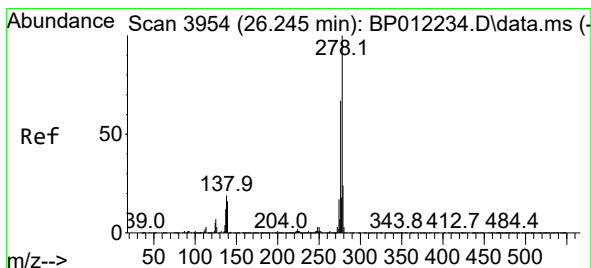
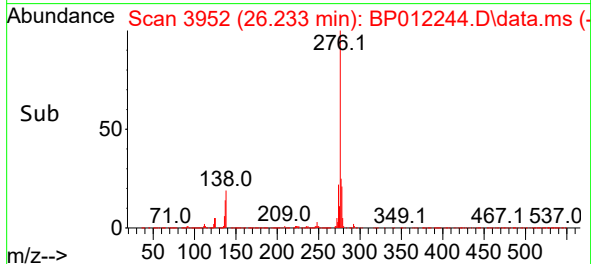
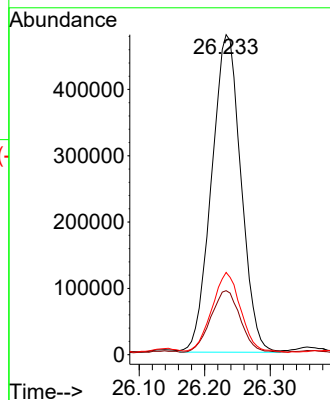
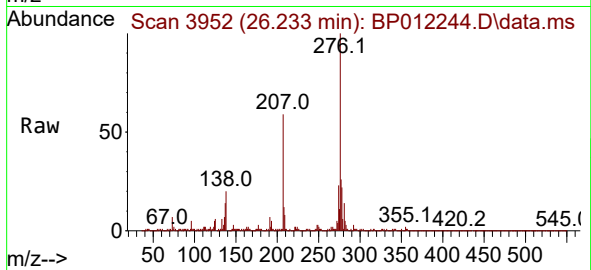
Tgt Ion:276 Resp: 1490000

Ion Ratio Lower Upper

276 100

138 20.0 20.3 30.5#

277 25.7 20.2 30.4



#95

Dibenzo(a,h)anthracene

Concen: 4.442 ng/ul

RT: 26.239 min Scan# 3953

Delta R.T. -0.024 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

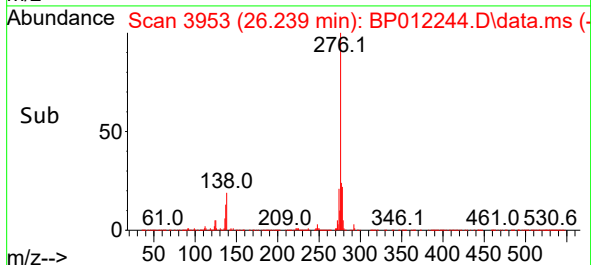
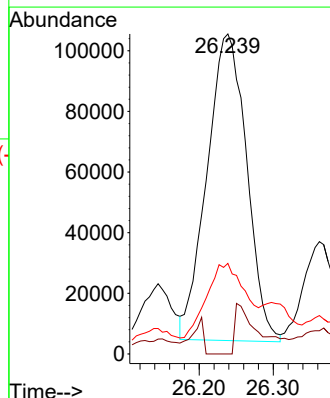
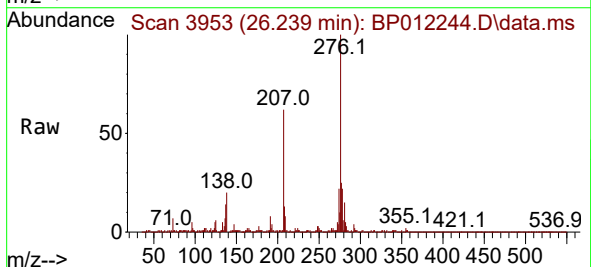
Tgt Ion:278 Resp: 375586

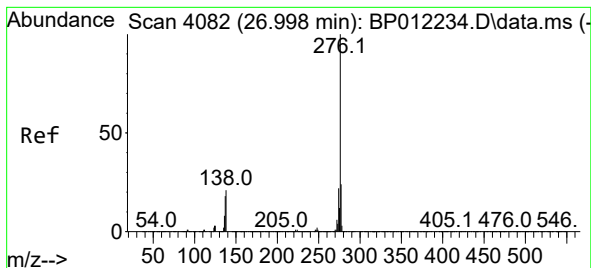
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 28.3 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 13.997 ng/ul

RT: 27.009 min Scan# 4084

Delta R.T. -0.000 min

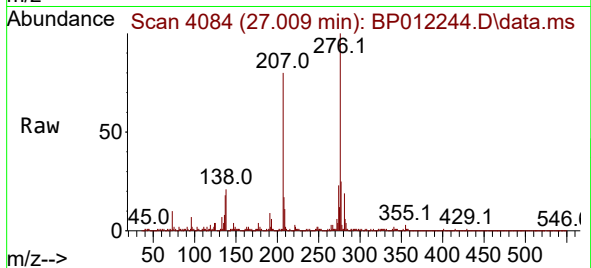
Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 1232713

Ion Ratio Lower Upper

276 100

138 20.8 17.9 26.9

277 24.6 18.9 28.3

