

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 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK3DL

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)

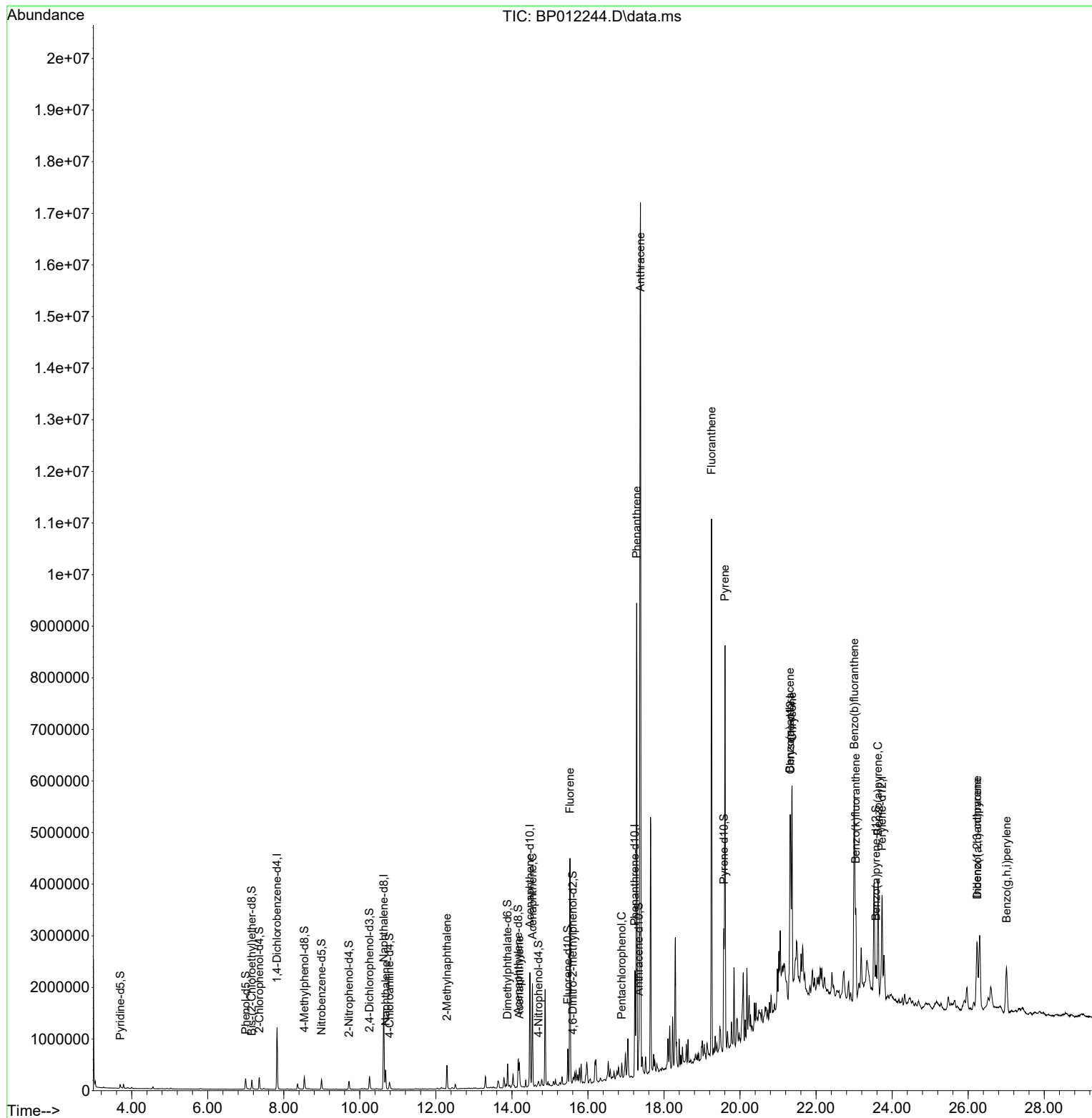
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	335274	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1360280	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	776795	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1327540	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1192810	20.000	ng/ul	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	6964m	0.841	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
50) Acenaphthylene	14.198	152	371093	5.400	ng/ul	99
52) Acenaphthene	14.539	153	815468	16.778	ng/ul	99
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
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	23.045	252	854586m	9.150	ng/ul	
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

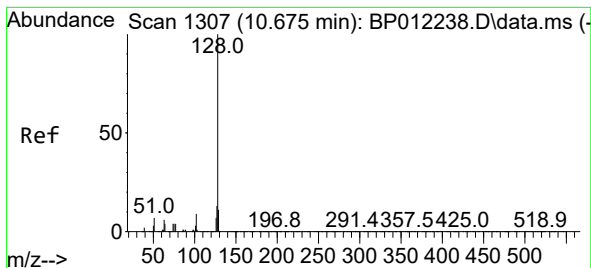
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#30

Naphthalene

Concen: 4.252 ng/ul

RT: 10.681 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

Instrument :

BNA_P

ClientSampleId :

DBWK3DL

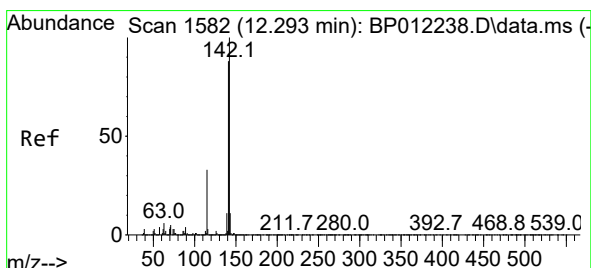
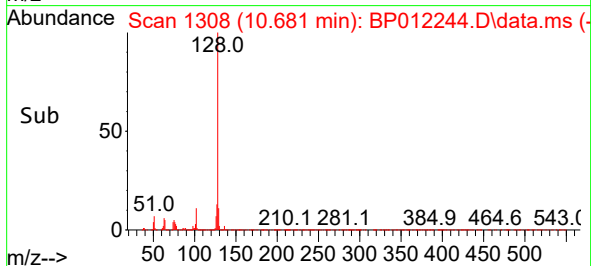
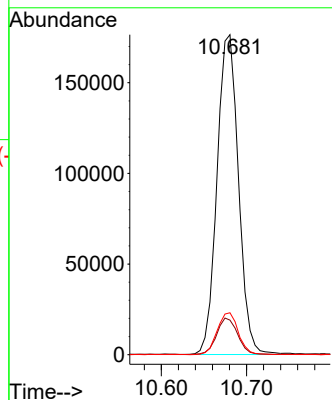
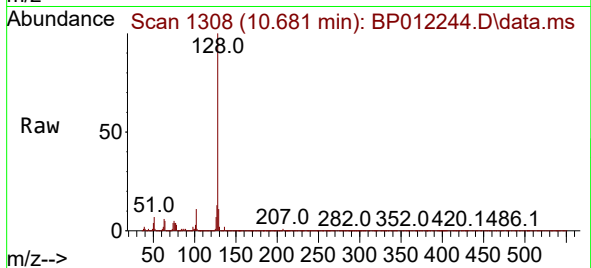
Tgt Ion:128 Resp: 309332

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

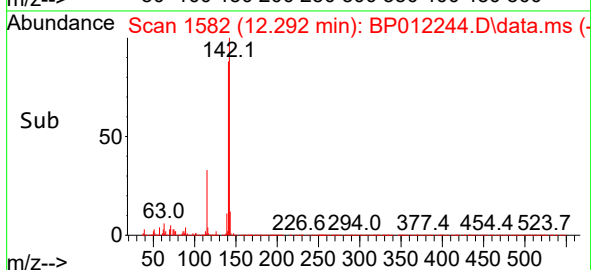
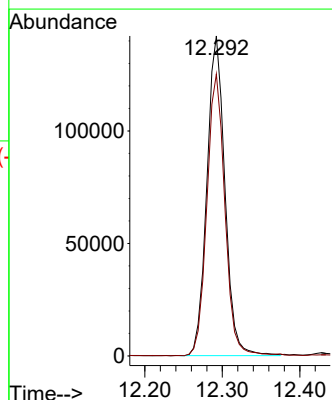
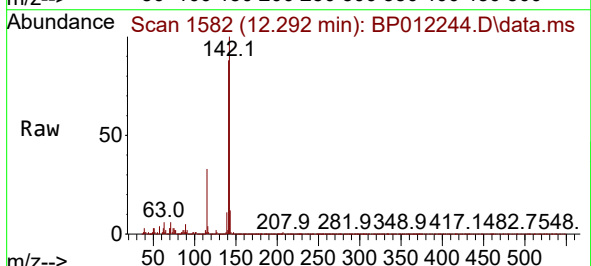
Acq: 21 Oct 2022 14:22

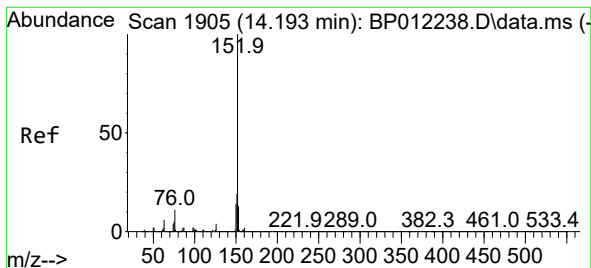
Tgt Ion:142 Resp: 229866

Ion Ratio Lower Upper

142 100

141 88.1 70.3 105.5





#50

Acenaphthylene

Concen: 5.400 ng/ul

RT: 14.198 min Scan# 1905

Delta R.T. -0.000 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

Instrument :

BNA_P

ClientSampleId :

DBWK3DL

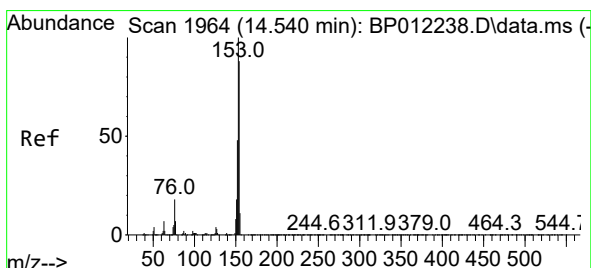
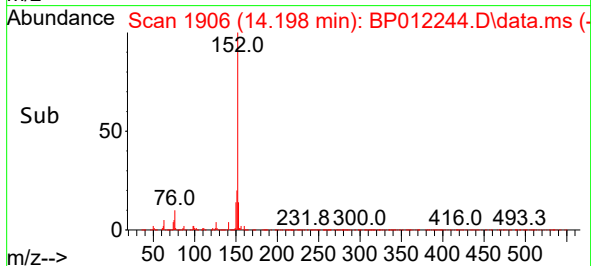
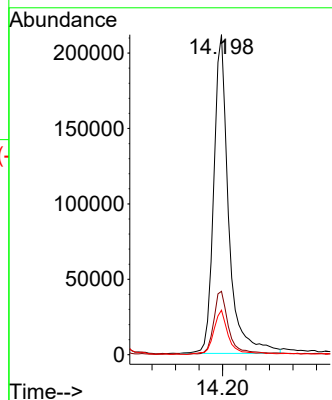
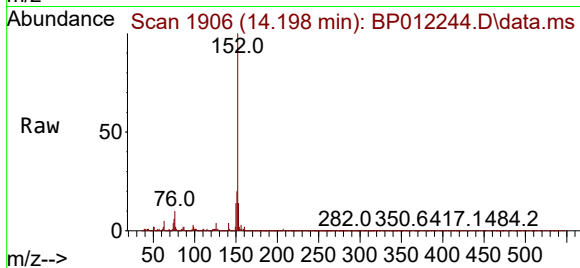
Tgt Ion:152 Resp: 371093

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

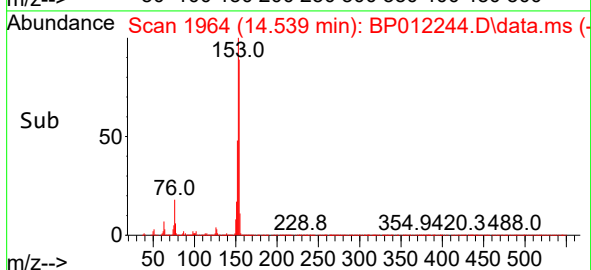
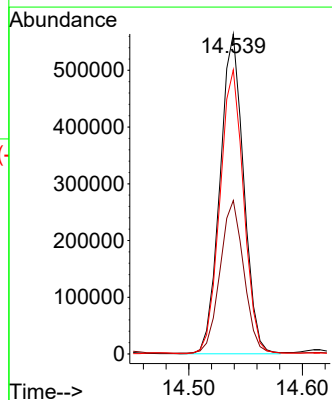
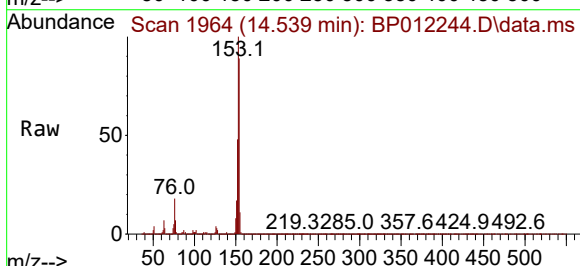
Tgt Ion:153 Resp: 815468

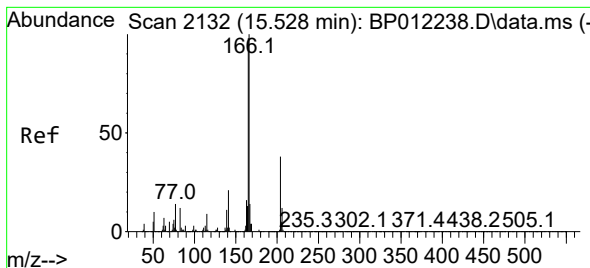
Ion Ratio Lower Upper

153 100

152 47.9 38.1 57.1

154 88.8 71.4 107.2





#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 :

DBWK3DL

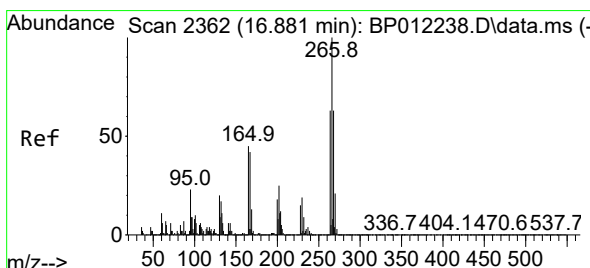
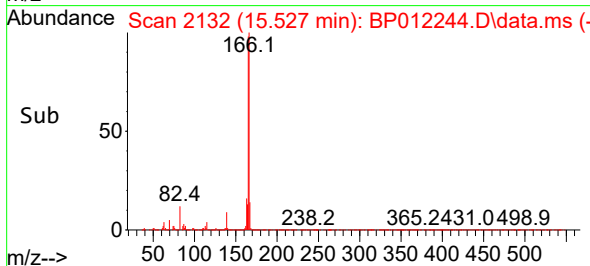
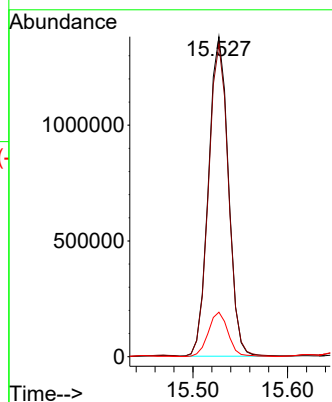
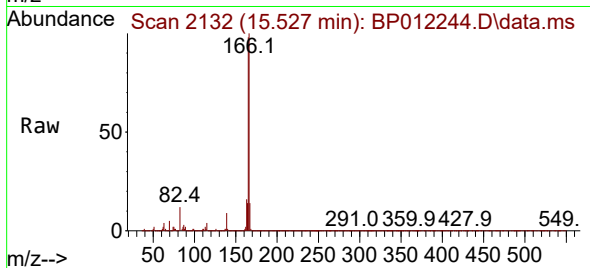
Tgt Ion:166 Resp: 2013218

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

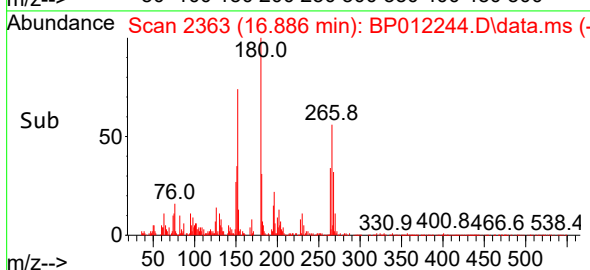
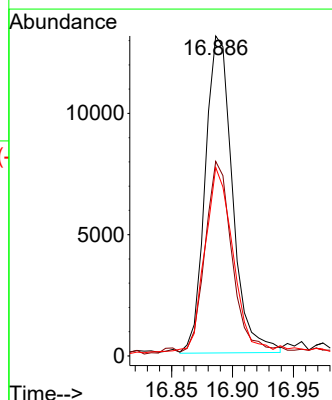
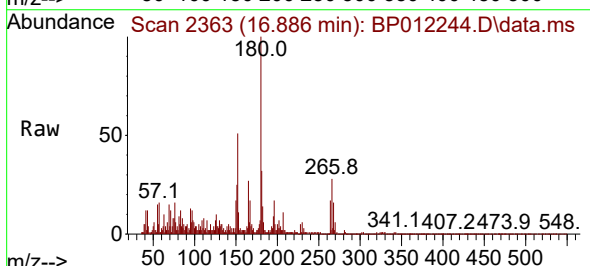
Tgt Ion:266 Resp: 20414

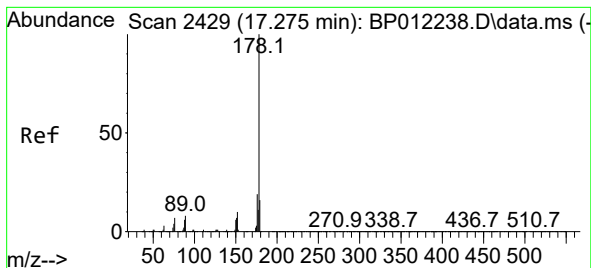
Ion Ratio Lower Upper

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 :

DBWK3DL

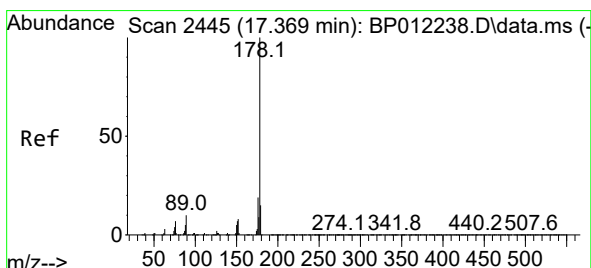
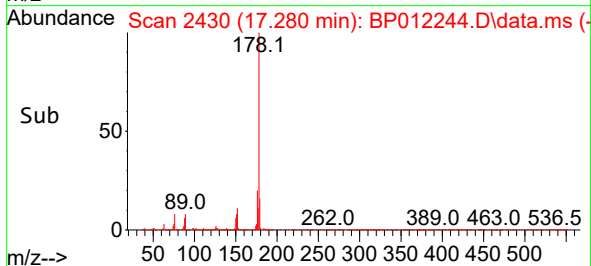
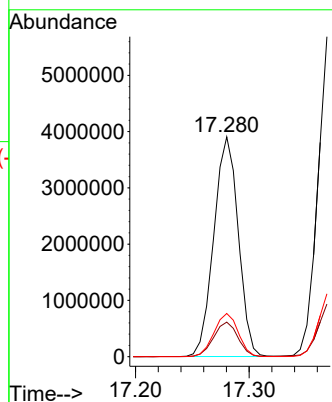
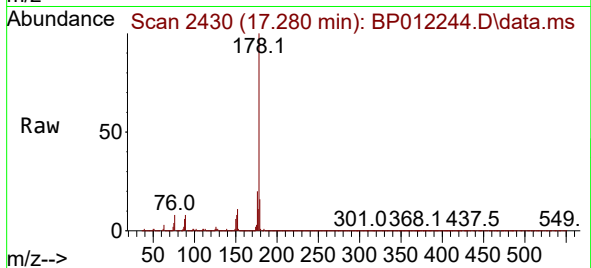
Tgt Ion:178 Resp: 5840915

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

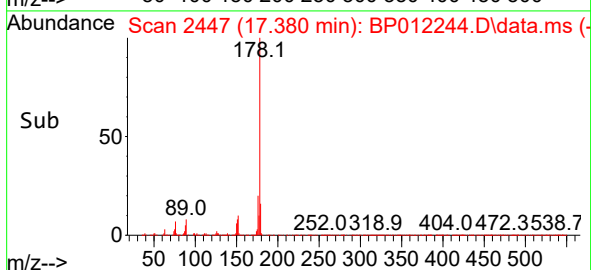
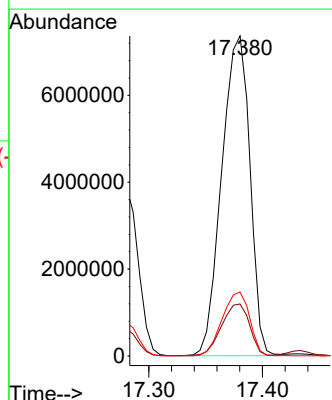
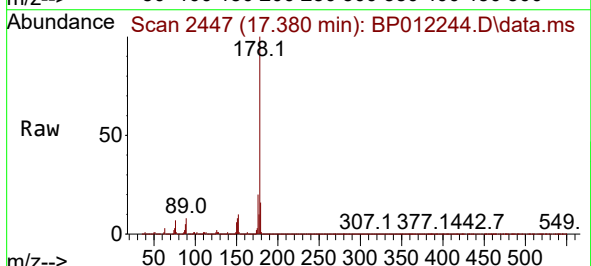
Tgt Ion:178 Resp:12685224

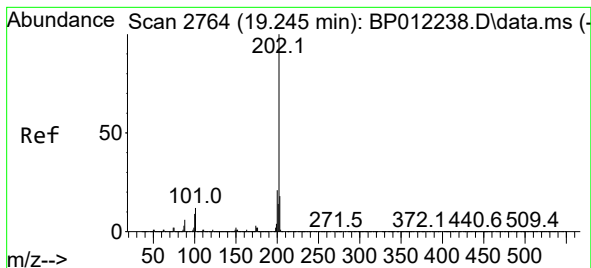
Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

176 20.0 15.0 22.4





#80

Fluoranthene

Concen: 74.546 ng/ul

RT: 19.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012244.D

Acq: 21 Oct 2022 14:22

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DBWK3DL

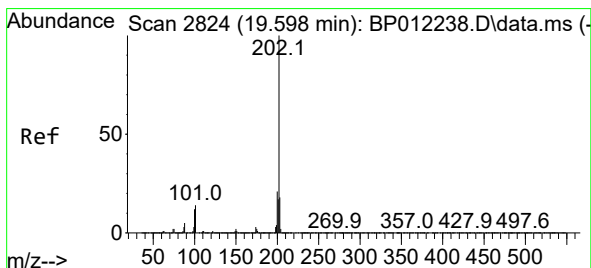
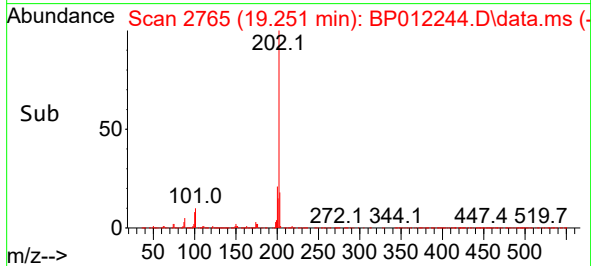
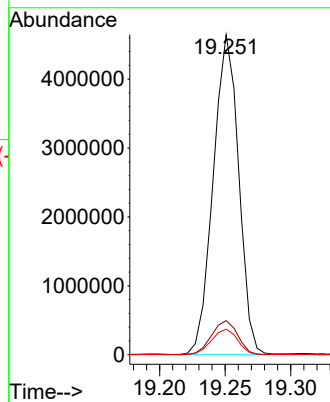
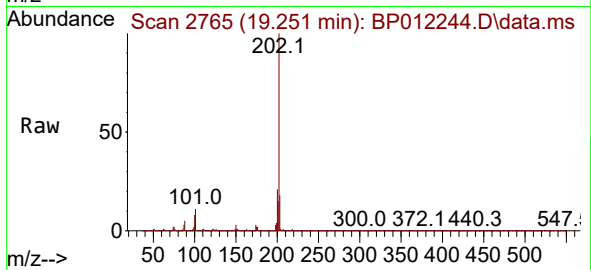
Tgt Ion:202 Resp: 6255787

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

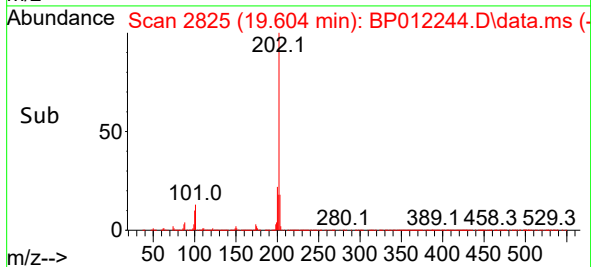
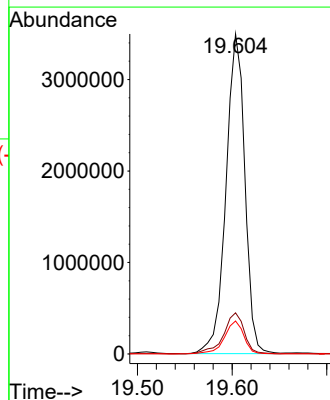
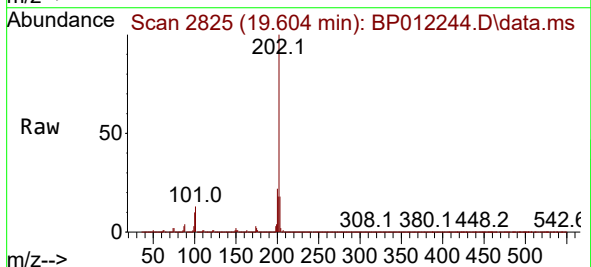
Tgt Ion:202 Resp: 4844266

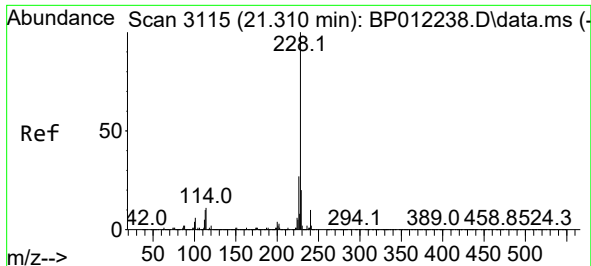
Ion Ratio Lower Upper

202 100

101 12.8 12.3 18.5

100 10.3 10.0 15.0

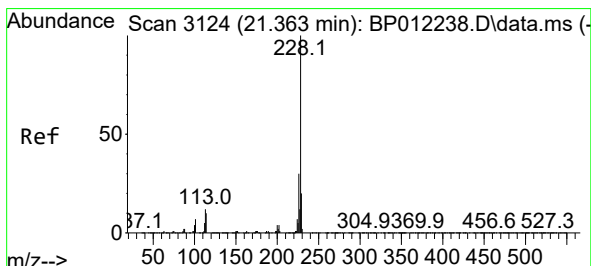
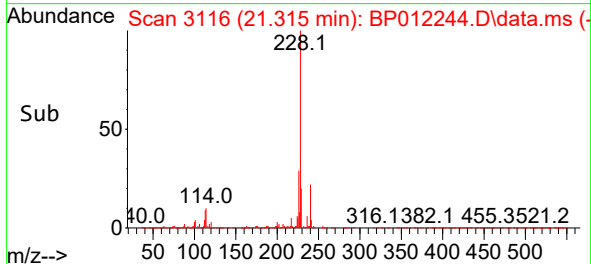
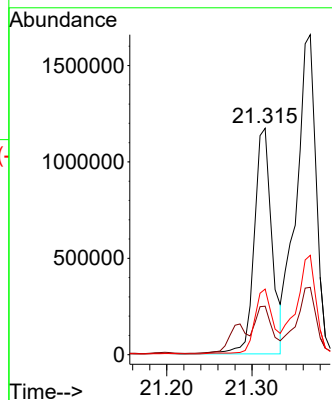
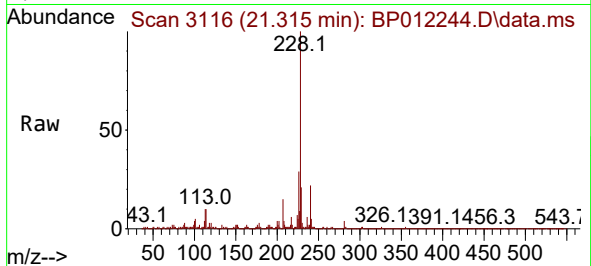




#85
Benzo(a)anthracene
Concen: 21.598 ng/ul
RT: 21.315 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

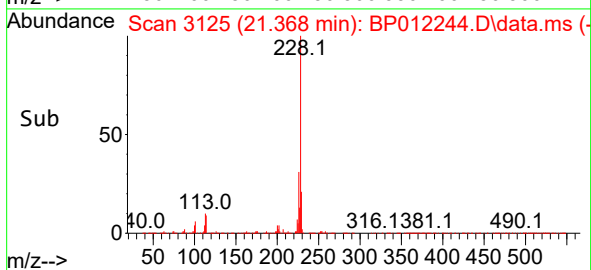
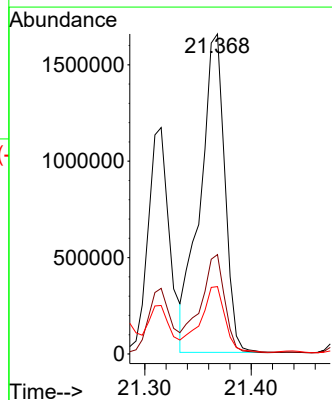
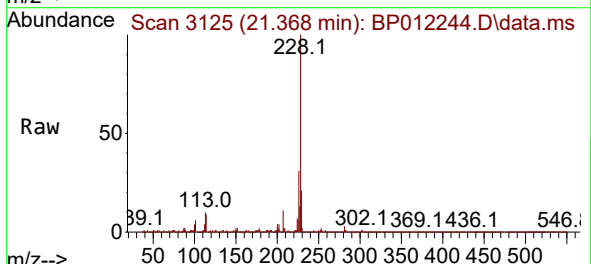
Instrument :
BNA_P
ClientSampleId :
DBWK3DL

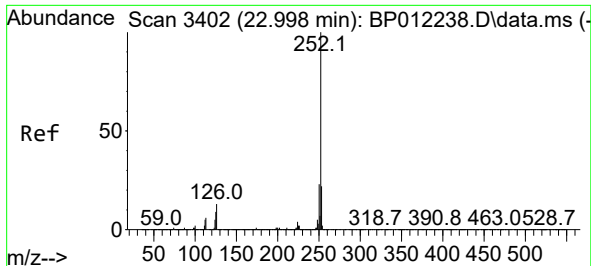
Tgt Ion:228 Resp: 1679020
Ion Ratio Lower Upper
228 100
229 21.4 16.1 24.1
226 29.0 21.9 32.9



#87
Chrysene
Concen: 36.644 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

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

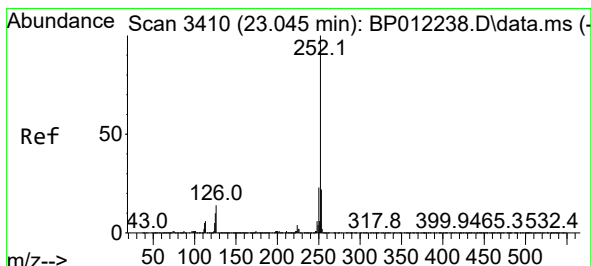
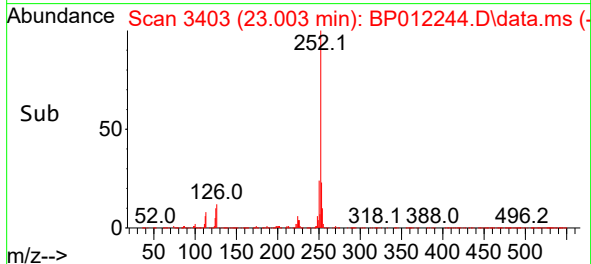
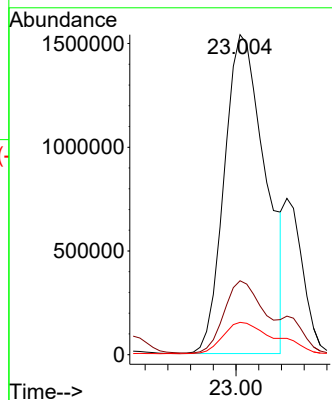
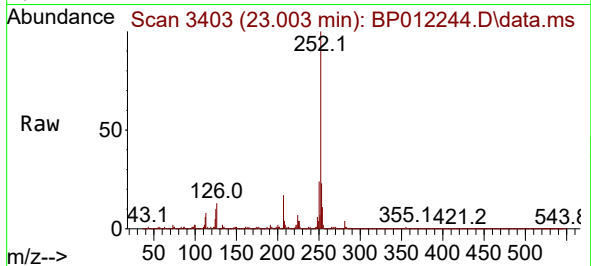




#90
Benzo(b)fluoranthene
Concen: 40.923 ng/ul
RT: 23.003 min Scan# 3403
Delta R.T. -0.000 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

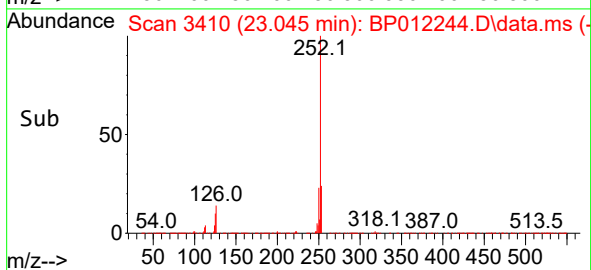
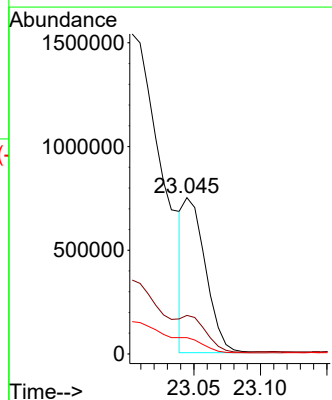
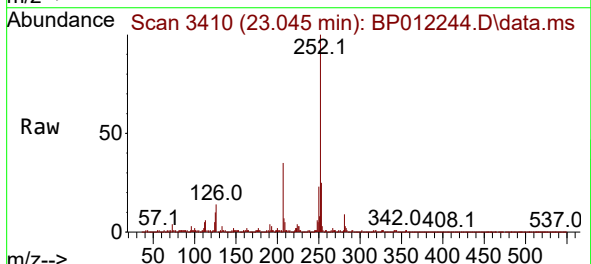
Instrument :
BNA_P
ClientSampleId :
DBWK3DL

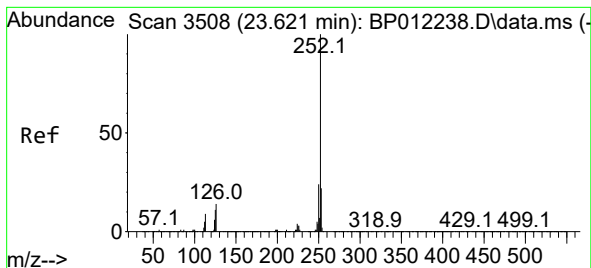
Tgt Ion:252 Resp: 3877464
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.1 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 9.150 ng/ul m
RT: 23.045 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

Tgt Ion:252 Resp: 854586
Ion Ratio Lower Upper
252 100
253 24.7 17.9 26.9
125 10.4 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

Instrument :

BNA_P

ClientSampleId :

DBWK3DL

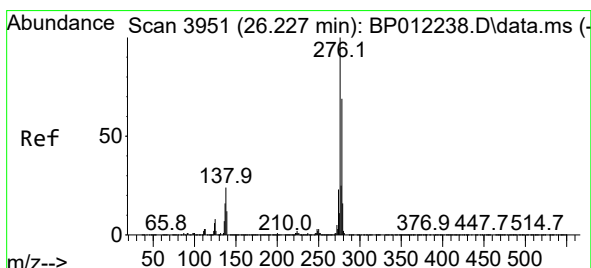
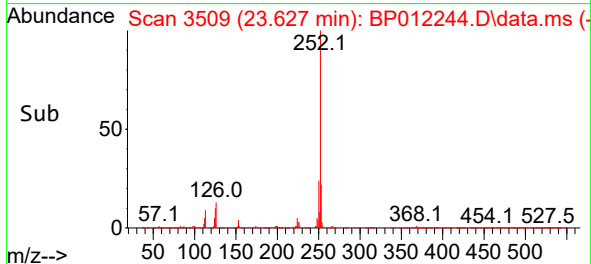
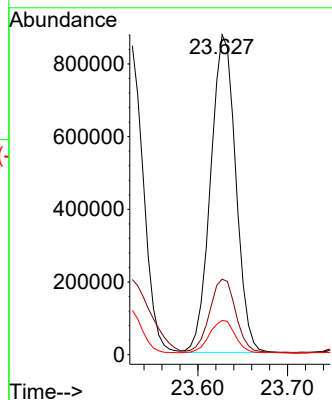
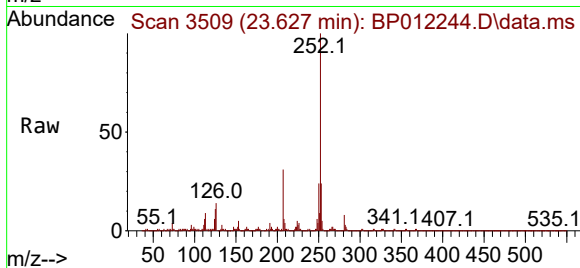
Tgt Ion:252 Resp: 1701380

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

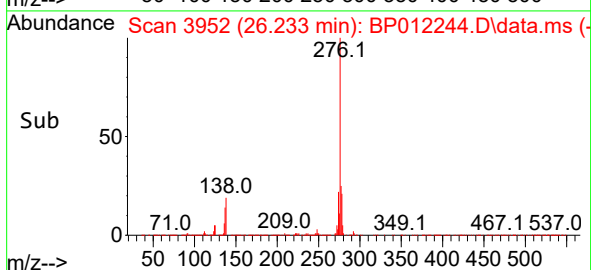
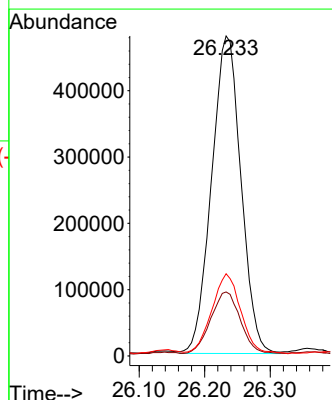
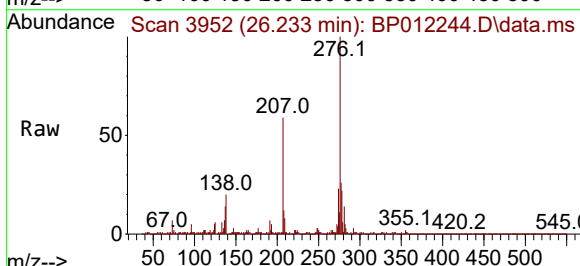
Tgt Ion:276 Resp: 1490000

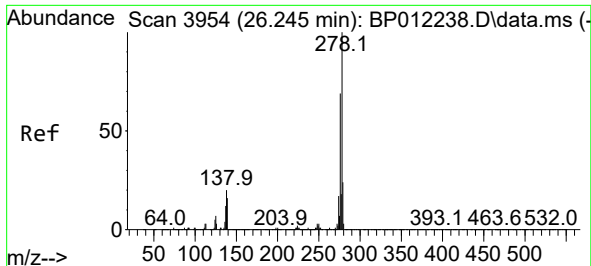
Ion Ratio Lower Upper

276 100

138 20.0 20.3 30.5#

277 25.7 20.2 30.4

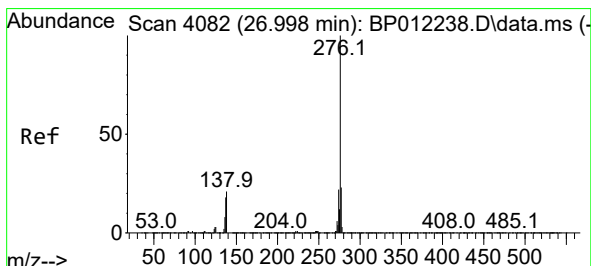
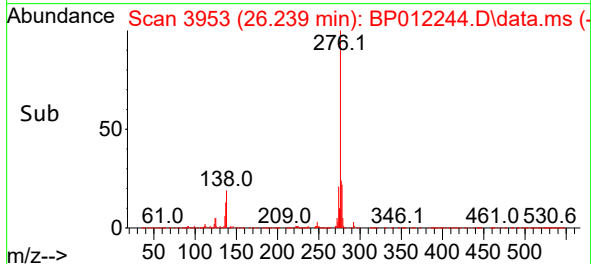
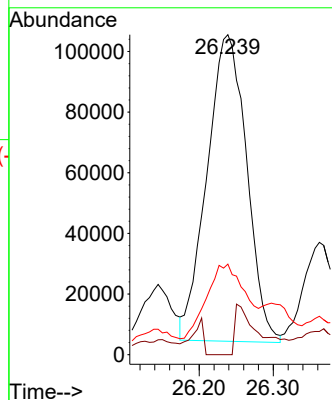
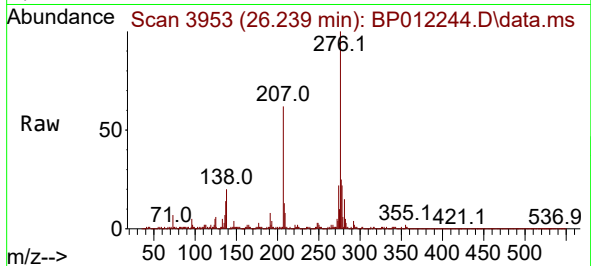




#95
Dibenzo(a,h)anthracene
Concen: 4.442 ng/ul
RT: 26.239 min Scan# 3954
Delta R.T. -0.024 min
Lab File: BP012244.D
Acq: 21 Oct 2022 14:22

Instrument :
BNA_P
ClientSampleId :
DBWK3DL

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

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

