

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015946.D
 Acq On : 03 Jul 2023 12:13
 Operator : MA/JU
 Sample : 03242-18DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB9DL

Quant Time: Jul 03 22:07:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

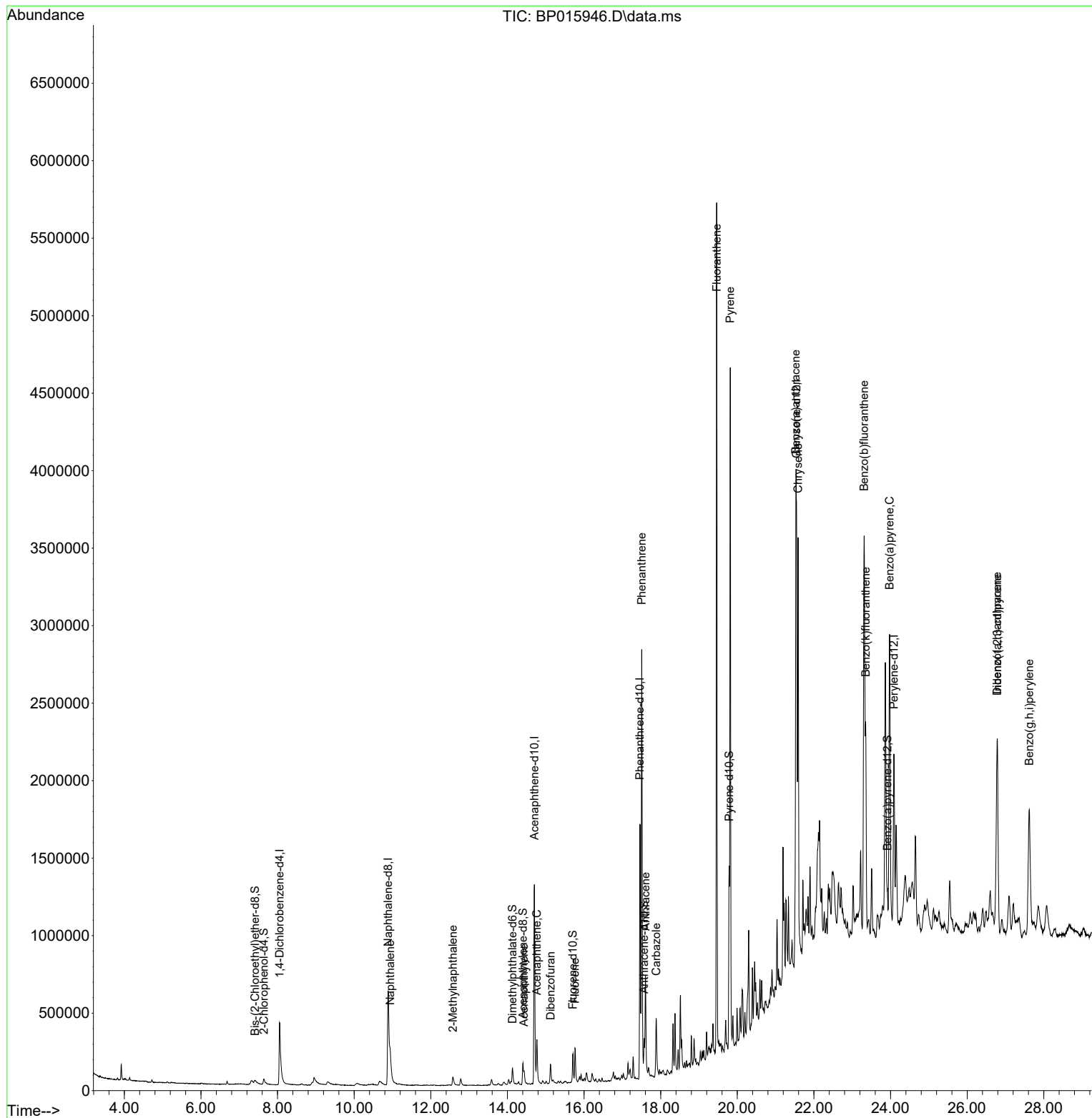
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	195009	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	873594	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.704	164	514546	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1051036	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	810912	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	928483	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3307	0.610	ng/uL	0.00
4) Pyridine-d5	3.822	84	580	0.042	ng/ul	0.00
7) Phenol-d5	7.199	99	34	0.002	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.410	67	13456	1.304	ng/ul	0.04
11) 2-Chlorophenol-d4	7.646	132	30684	2.436	ng/ul	0.07
15) 4-Methylphenol-d8	8.793	113	112	0.008	ng/ul	0.01
21) Nitrobenzene-d5	9.257	128	88	0.013	ng/ul	0.02
24) 2-Nitrophenol-d4	9.975	143	62	0.008	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.651	165	6815	0.491	ng/ul	0.14
31) 4-Chloroaniline-d4	11.046	131	192	0.011	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	102796	2.585	ng/ul	0.03
49) Acenaphthylene-d8	14.404	160	109031	2.439	ng/ul	0.01
54) 4-Nitrophenol-d4	14.945	143	142	0.027	ng/ul	0.00
60) Fluorene-d10	15.710	176	85930	2.624	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.863	200	69	0.011	ng/ul	0.00
73) Anthracene-d10	17.569	188	132689	2.764	ng/ul	0.01
81) Pyrene-d10	19.786	212	145286	2.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	130357	2.783	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.940	128	185178	3.899	ng/ul	99
36) 2-Methylnaphthalene	12.575	142	45015	1.440	ng/ul	93
50) Acenaphthylene	14.434	152	60947	1.237	ng/ul	97
52) Acenaphthene	14.769	153	131869	3.860	ng/ul	99
56) Dibenzofuran	15.128	168	99815	2.105	ng/ul	97
61) Fluorene	15.763	166	118155	3.072	ng/ul	97
72) Phenanthrene	17.504	178	1712840	29.998	ng/ul	99
74) Anthracene	17.604	178	416743	7.264	ng/ul	97
77) Carbazole	17.886	167	263826	5.456	ng/ul	99
80) Fluoranthene	19.463	202	3233315	49.133	ng/ul#	94
82) Pyrene	19.816	202	2663555	39.678	ng/ul#	91
85) Benzo(a)anthracene	21.527	228	1566606	27.463	ng/ul	97
87) Chrysene	21.586	228	1617031	29.878	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	2476437	41.510	ng/ul#	97
91) Benzo(k)fluoranthene	23.351	252	828106	13.738	ng/ul#	96
93) Benzo(a)pyrene	23.974	252	1638884	31.439	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	1330472	18.801	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.780	278	374985	6.451	ng/ul#	79
96) Benzo(g,h,i)perylene	27.621	276	1178745	20.247	ng/ul#	94

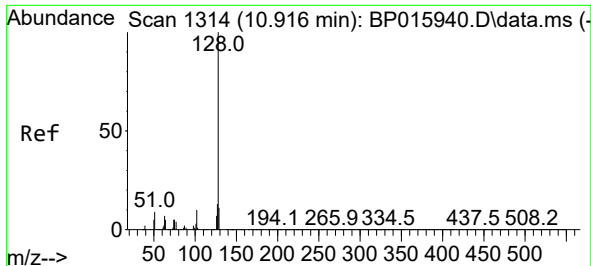
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015946.D
Acq On : 03 Jul 2023 12:13
Operator : MA/JU
Sample : 03242-18DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGB9DL

Quant Time: Jul 03 22:07:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

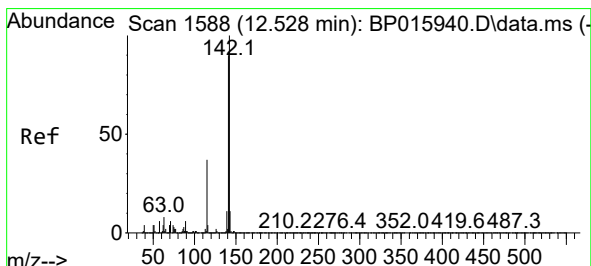
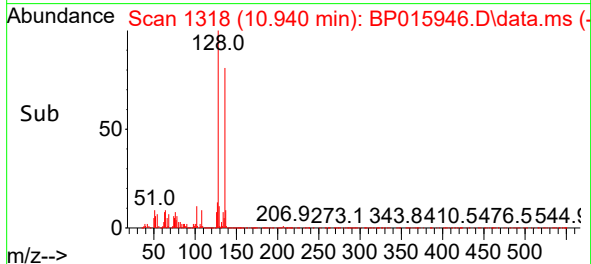
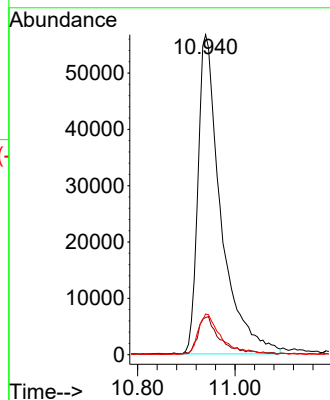
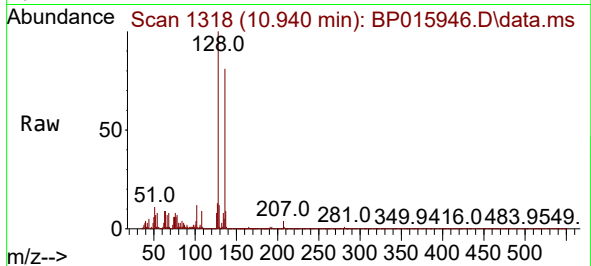




#30
Naphthalene
Concen: 3.899 ng/ul
RT: 10.940 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

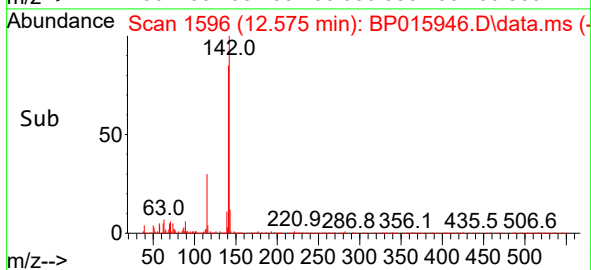
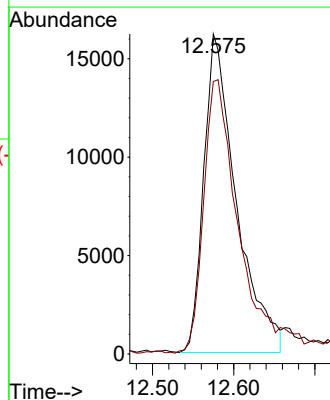
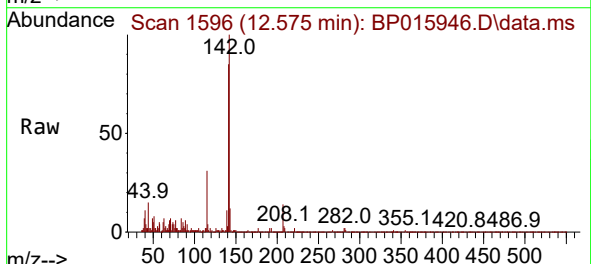
Instrument :
BNA_P
ClientSampleId :
DCGB9DL

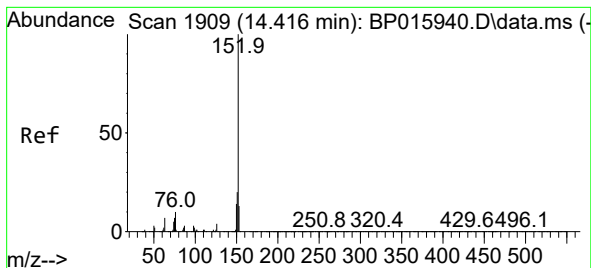
Tgt Ion:128 Resp: 185178
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 12.7 10.3 15.5



#36
2-Methylnaphthalene
Concen: 1.440 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. 0.047 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

Tgt Ion:142 Resp: 45015
Ion Ratio Lower Upper
142 100
141 85.2 73.2 109.8





#50

Acenaphthylene

Concen: 1.237 ng/ul

RT: 14.434 min Scan# 1912

Delta R.T. 0.012 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

DCGB9DL

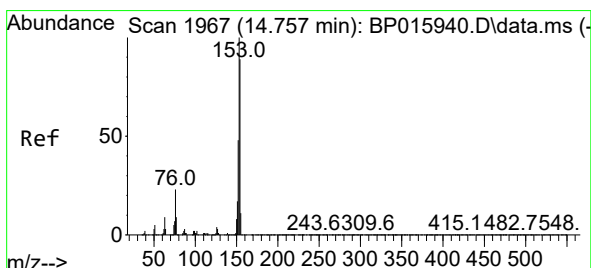
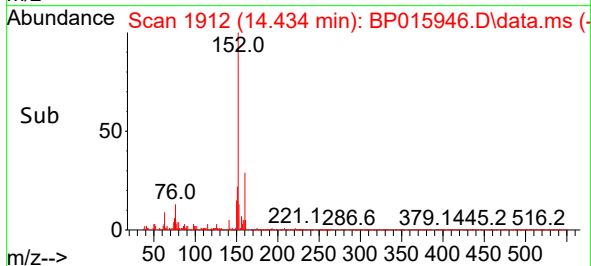
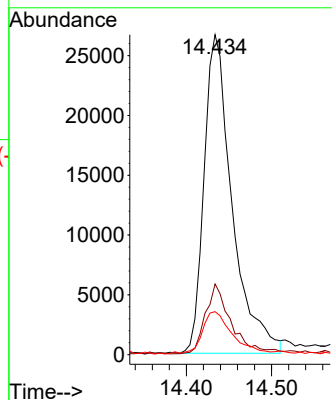
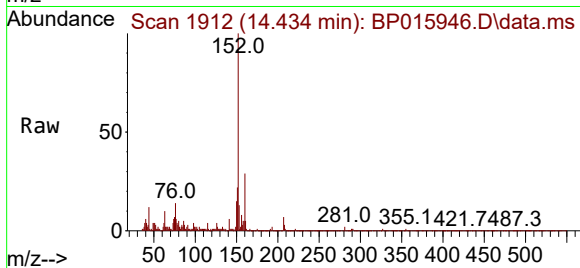
Tgt Ion:152 Resp: 60947

Ion Ratio Lower Upper

152 100

151 22.1 16.2 24.2

153 13.4 10.5 15.7



#52

Acenaphthene

Concen: 3.860 ng/ul

RT: 14.769 min Scan# 1969

Delta R.T. 0.012 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

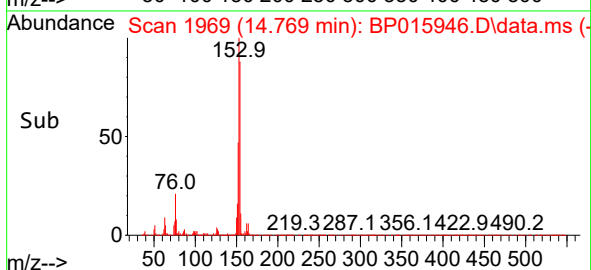
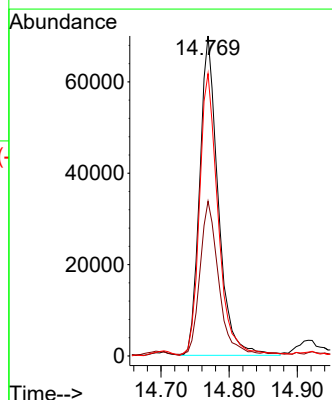
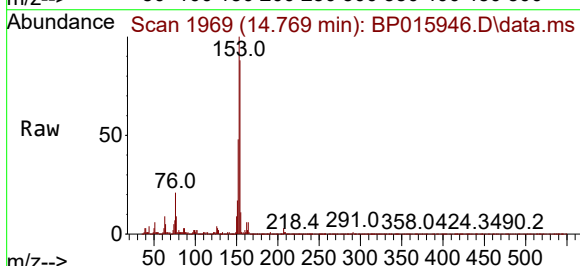
Tgt Ion:153 Resp: 131869

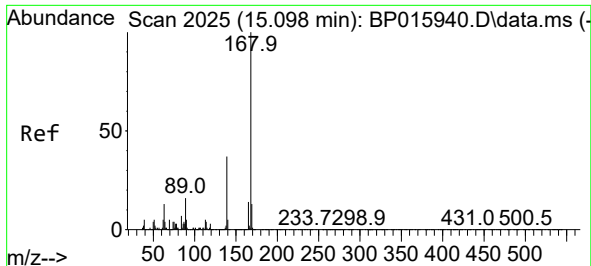
Ion Ratio Lower Upper

153 100

152 48.3 39.4 59.2

154 88.3 71.4 107.2

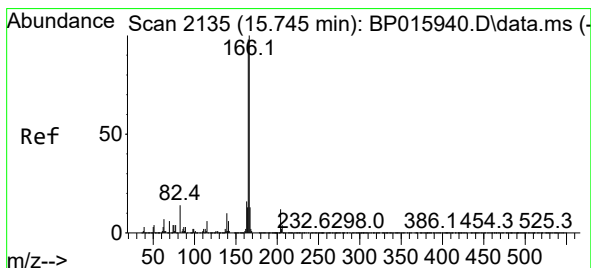
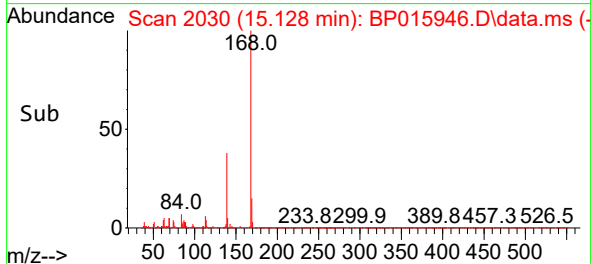
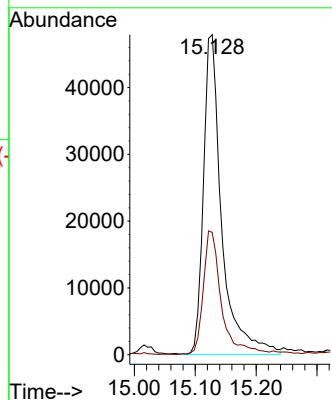
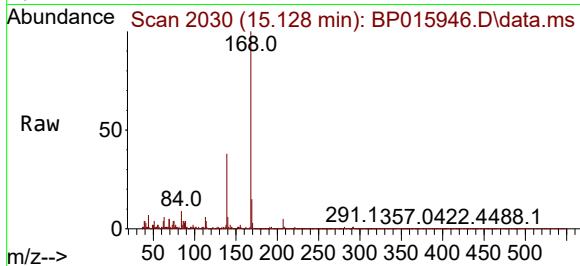




#56
Dibenzofuran
Concen: 2.105 ng/ul
RT: 15.128 min Scan# 2025
Delta R.T. 0.030 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

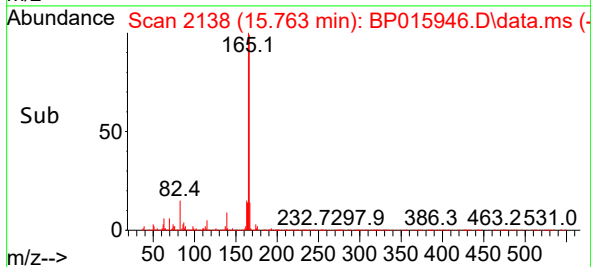
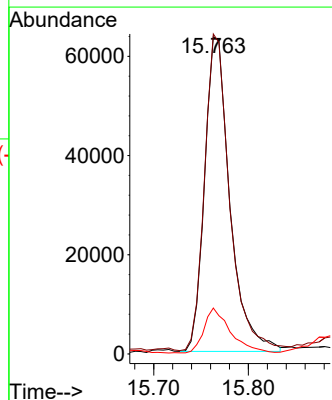
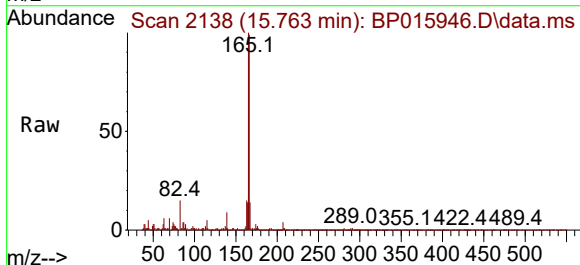
Instrument :
BNA_P
ClientSampleId :
DCGB9DL

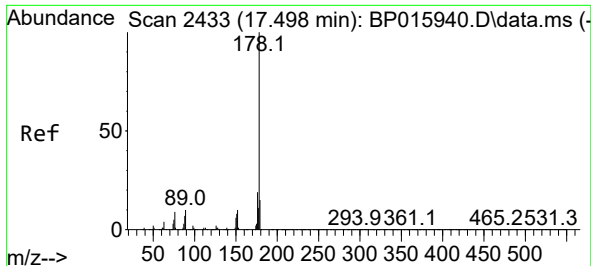
Tgt Ion:168 Resp: 99815
Ion Ratio Lower Upper
168 100
139 38.3 32.2 48.4



#61
Fluorene
Concen: 3.072 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.018 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

Tgt Ion:166 Resp: 118155
Ion Ratio Lower Upper
166 100
165 100.9 78.7 118.1
167 14.5 10.5 15.7

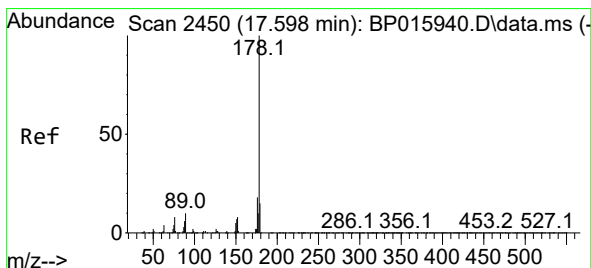
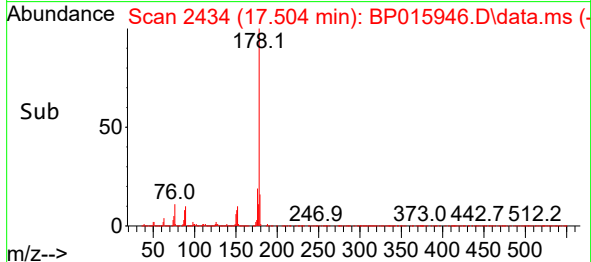
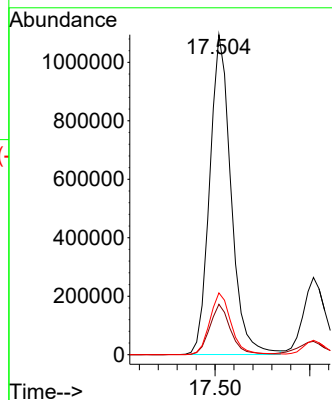
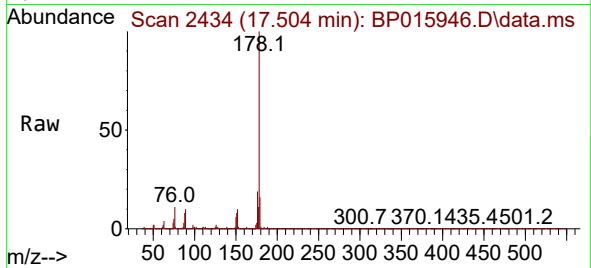




#72
Phenanthrene
Concen: 29.998 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

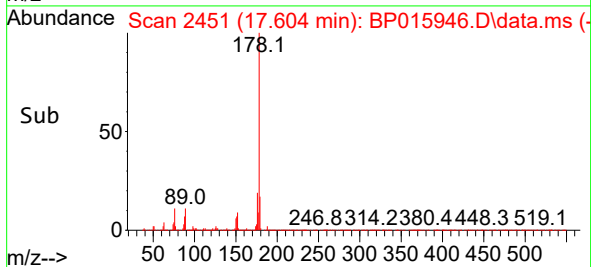
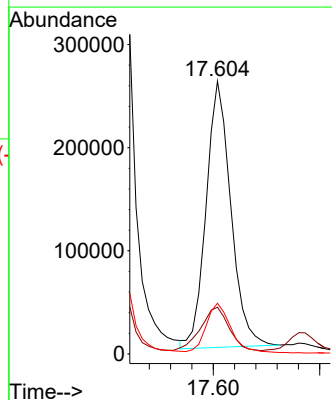
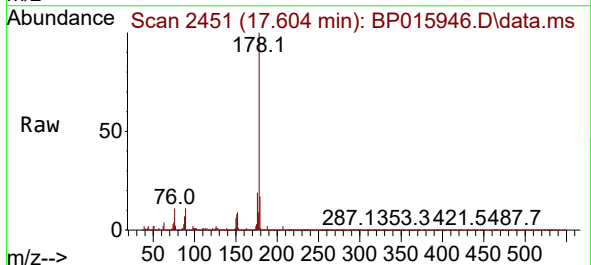
Instrument :
BNA_P
ClientSampleId :
DCGB9DL

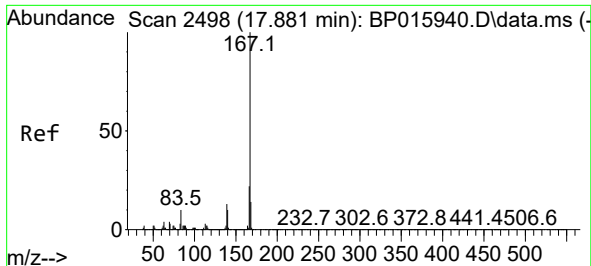
Tgt Ion:178 Resp: 1712840
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.3 15.6 23.4



#74
Anthracene
Concen: 7.264 ng/ul
RT: 17.604 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

Tgt Ion:178 Resp: 416743
Ion Ratio Lower Upper
178 100
179 17.1 12.1 18.1
176 18.6 14.6 22.0

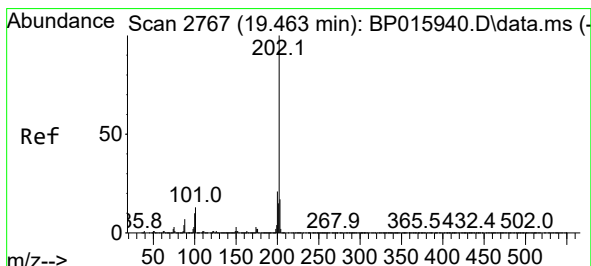
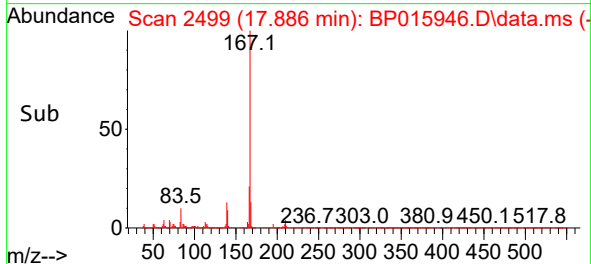
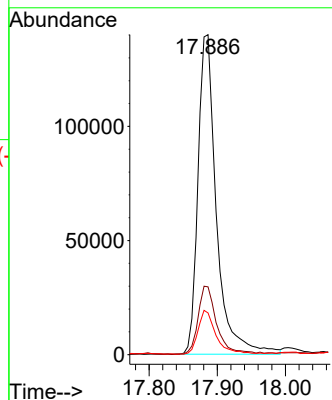
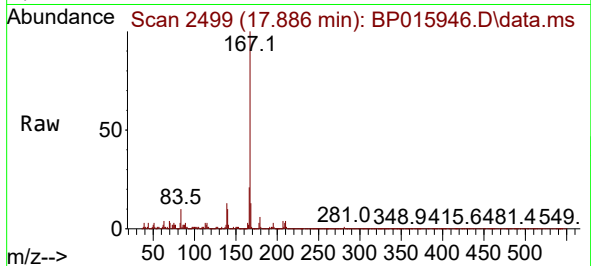




#77
 Carbazole
 Concen: 5.456 ng/ul
 RT: 17.886 min Scan# 2499
 Delta R.T. 0.012 min
 Lab File: BP015946.D
 Acq: 03 Jul 2023 12:13

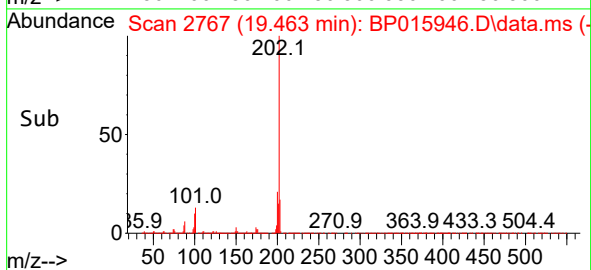
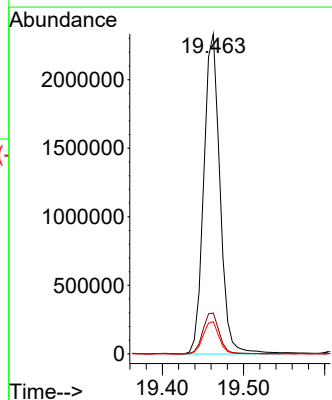
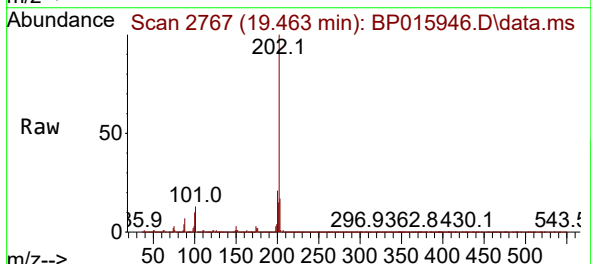
Instrument :
 BNA_P
 ClientSampleId :
 DCGB9DL

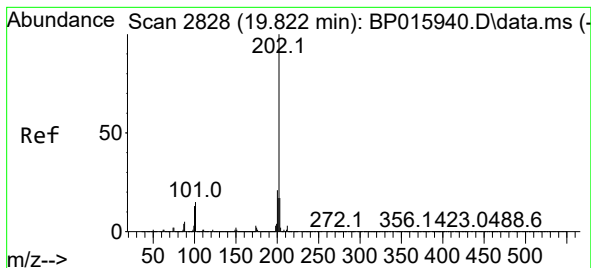
Tgt Ion:167 Resp: 263826
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 13.0 11.0 16.4



#80
 Fluoranthene
 Concen: 49.133 ng/ul
 RT: 19.463 min Scan# 2767
 Delta R.T. 0.000 min
 Lab File: BP015946.D
 Acq: 03 Jul 2023 12:13

Tgt Ion:202 Resp: 3233315
 Ion Ratio Lower Upper
 202 100
 101 12.8 8.3 12.5#
 100 10.1 6.6 9.8#





#82

Pyrene

Concen: 39.678 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

DCGB9DL

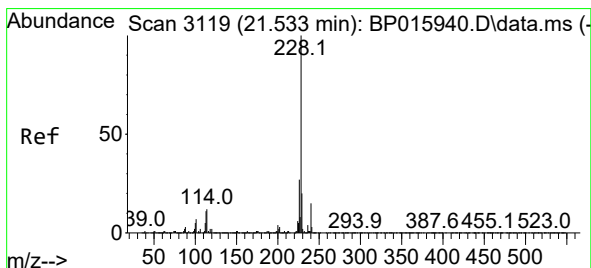
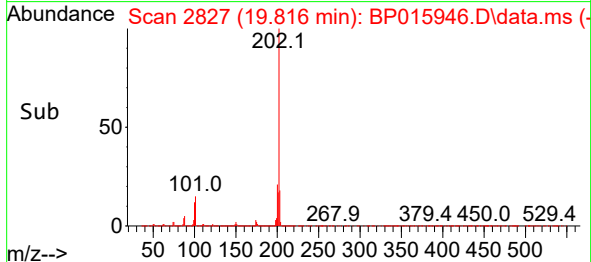
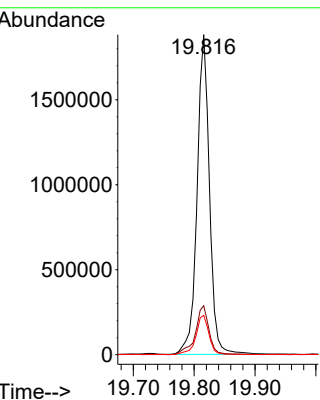
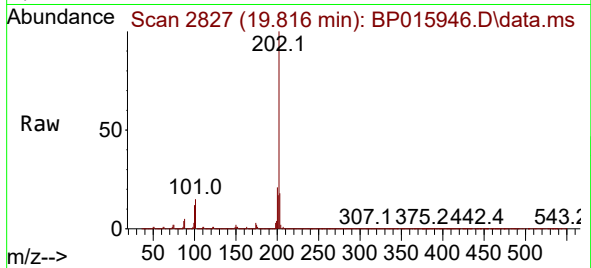
Tgt Ion:202 Resp: 2663555

Ion Ratio Lower Upper

202 100

101 15.3 9.3 13.9#

100 12.3 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 27.463 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

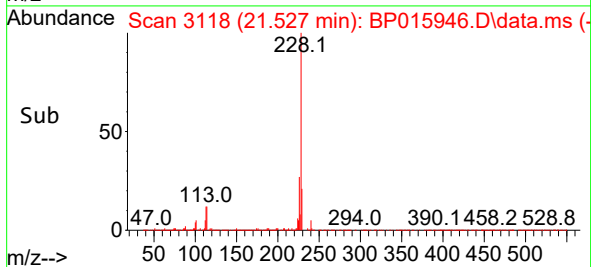
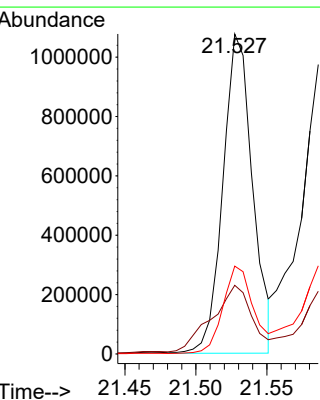
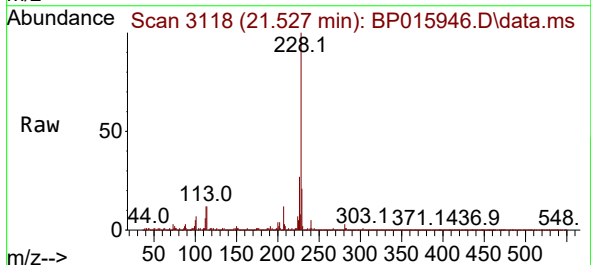
Tgt Ion:228 Resp: 1566606

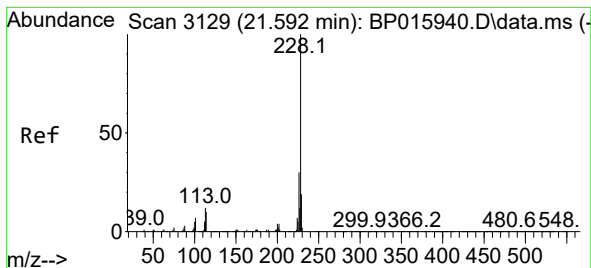
Ion Ratio Lower Upper

228 100

229 21.4 15.3 22.9

226 27.5 21.4 32.0





#87

Chrysene

Concen: 29.878 ng/ul

RT: 21.586 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

DCGB9DL

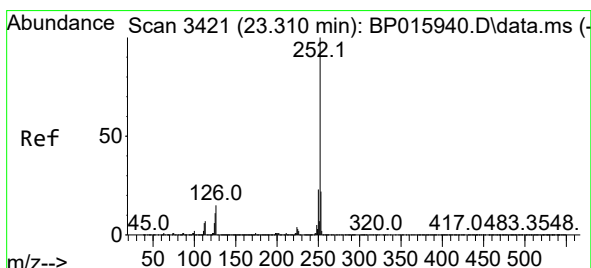
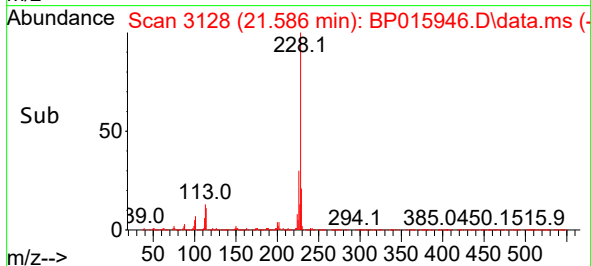
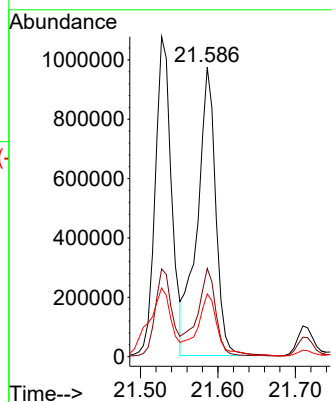
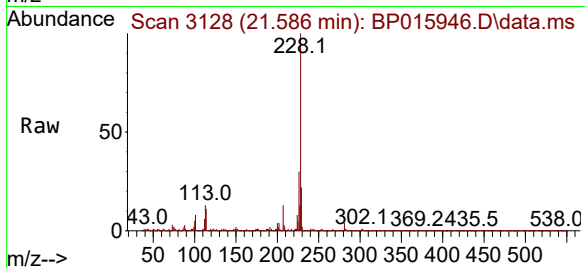
Tgt Ion:228 Resp: 1617031

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 21.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 41.510 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

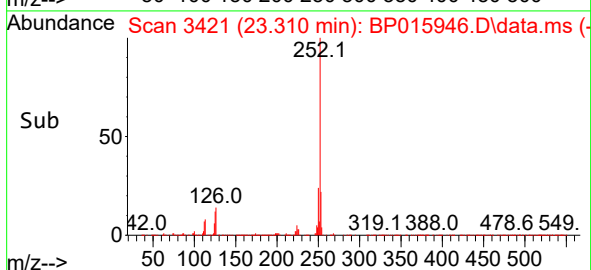
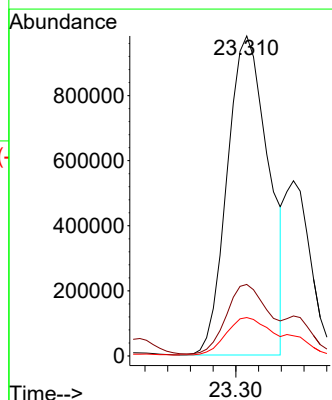
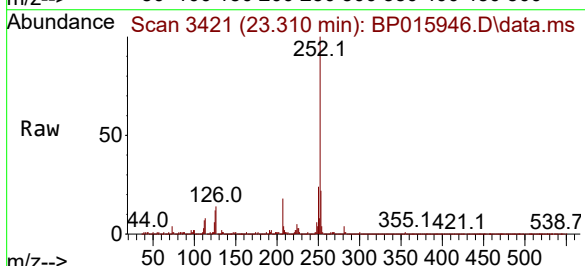
Tgt Ion:252 Resp: 2476437

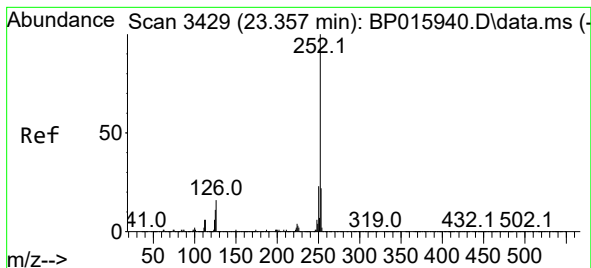
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 12.0 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 13.738 ng/ul

RT: 23.351 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

DCGB9DL

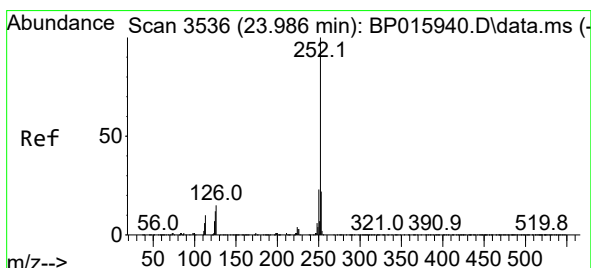
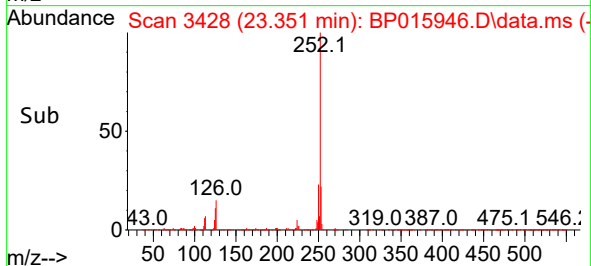
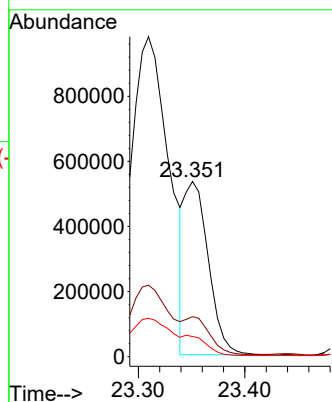
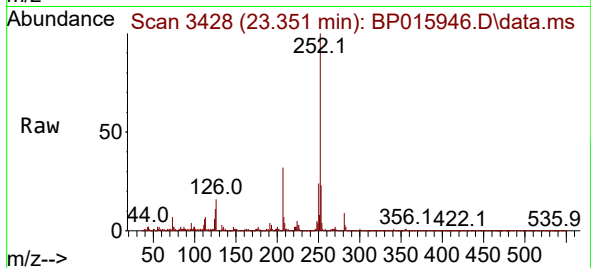
Tgt Ion:252 Resp: 828106

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

125 11.5 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 31.439 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

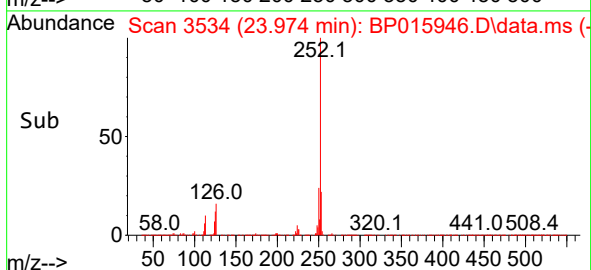
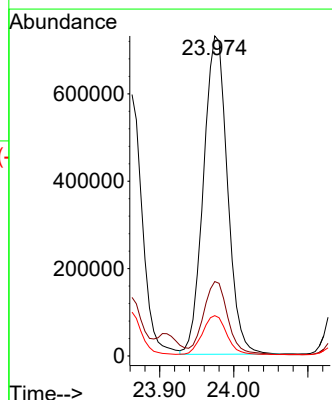
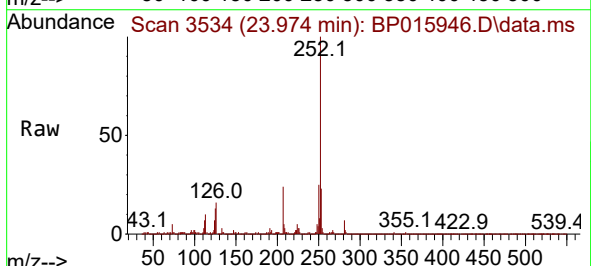
Tgt Ion:252 Resp: 1638884

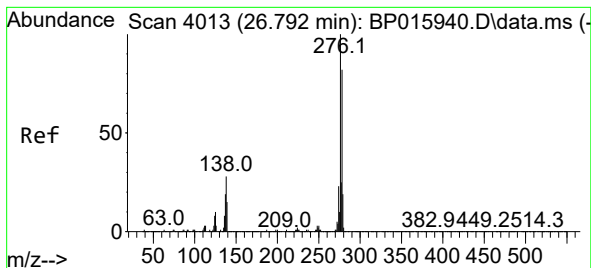
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 12.6 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.801 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

DCGB9DL

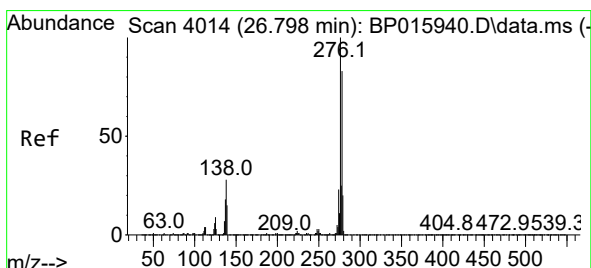
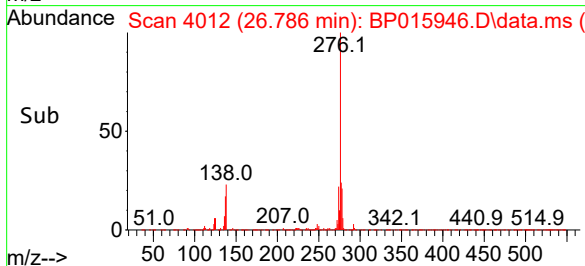
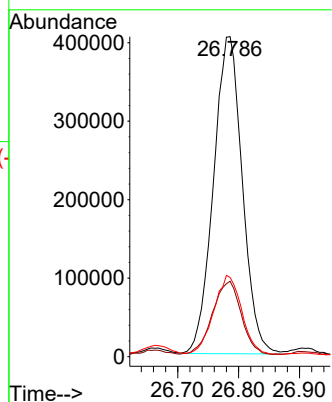
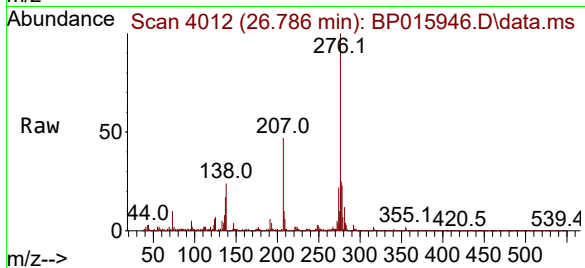
Tgt Ion:276 Resp: 1330472

Ion Ratio Lower Upper

276 100

138 23.6 15.7 23.5#

277 24.8 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 6.451 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

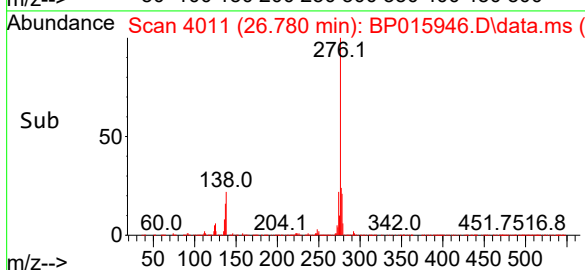
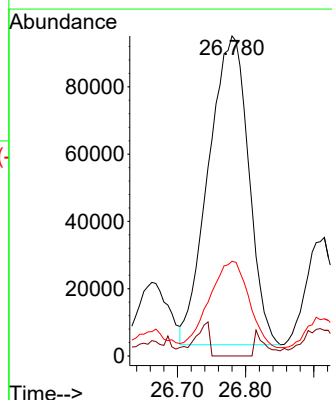
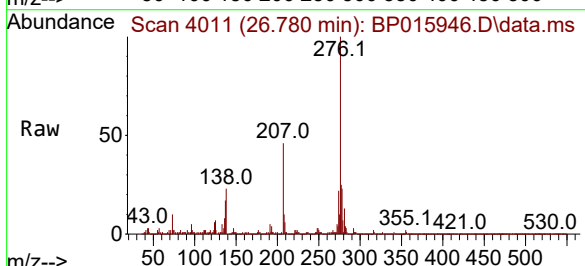
Tgt Ion:278 Resp: 374985

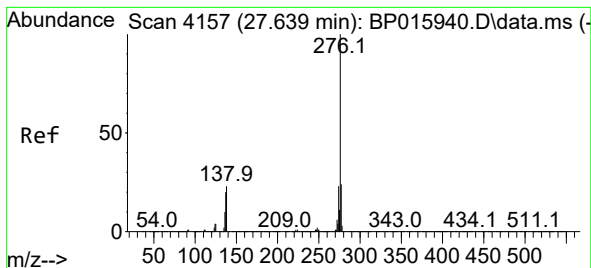
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 29.6 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 20.247 ng/ul

RT: 27.621 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP015946.D

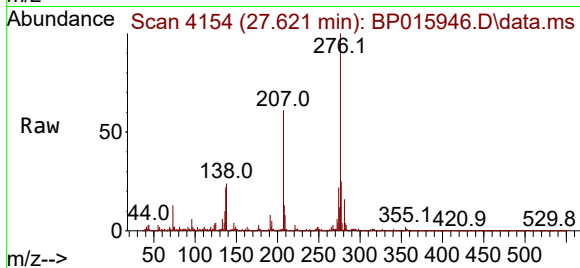
Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

DCGB9DL



Tgt Ion:276 Resp: 1178745

Ion Ratio Lower Upper

276 100

138 23.8 15.1 22.7#

277 24.7 18.8 28.2

