

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015731.D
 Acq On : 27 Jun 2023 00:39
 Operator : MA/JU
 Sample : 03083-13DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL1DL

Quant Time: Jun 27 02:37:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

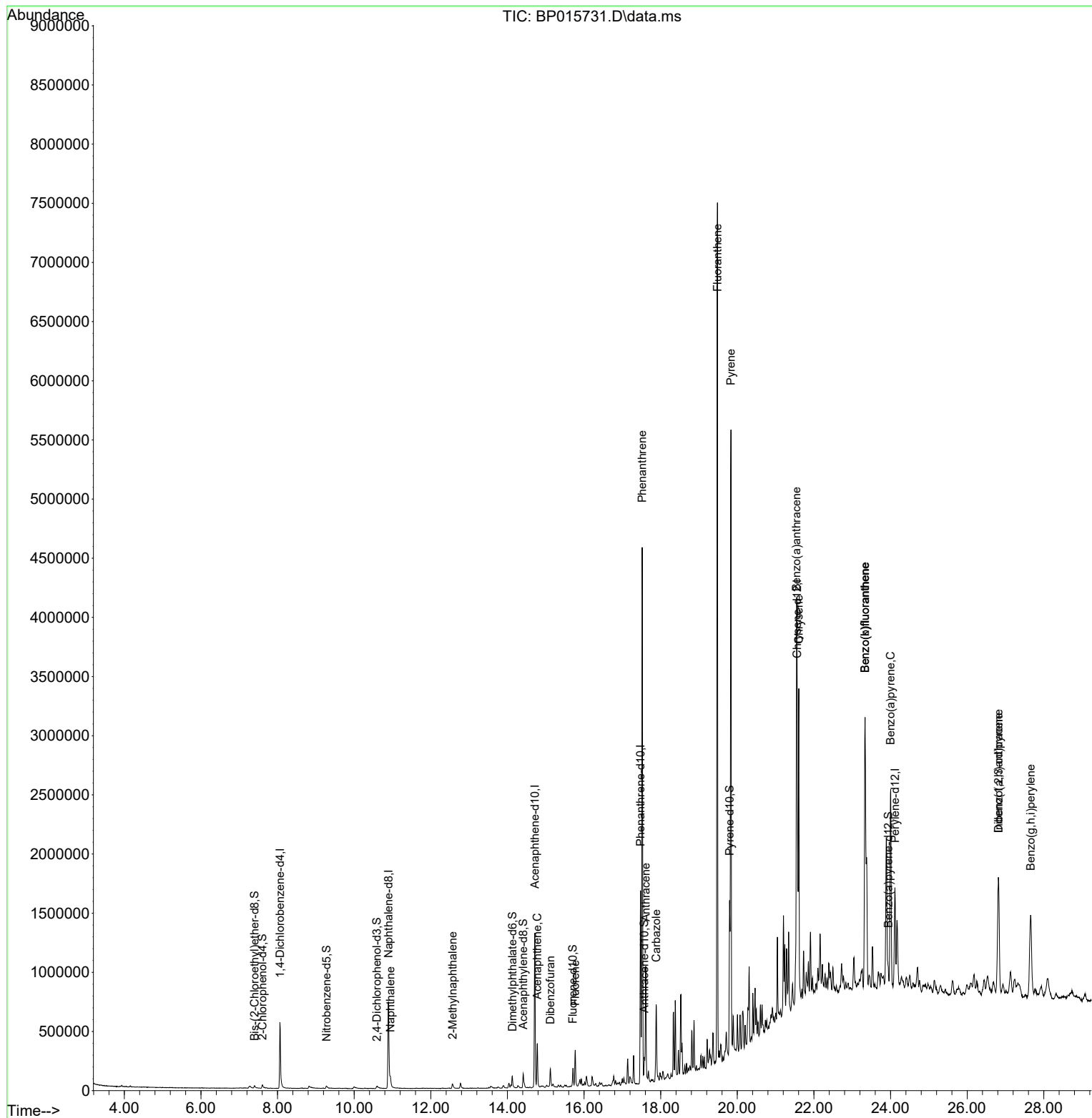
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	167653	20.000	ng/u1	0.00
20) Naphthalene-d8	10.892	136	704611	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	444951	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.474	188	939372	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	597588	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	695045	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	1280	0.275	ng/uL	0.00
4) Pyridine-d5	3.799	84	759	0.065	ng/u1	-0.03
7) Phenol-d5	7.269	99	9554	0.666	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.398	67	11903	1.341	ng/u1	0.01
11) 2-Chlorophenol-d4	7.604	132	15770	1.456	ng/u1	0.01
15) 4-Methylphenol-d8	8.763	113	19	0.002	ng/u1	-0.02
21) Nitrobenzene-d5	9.275	128	6986	1.297	ng/u1	0.03
24) 2-Nitrophenol-d4	9.992	143	3165	0.504	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.592	165	11536	1.030	ng/u1	0.07
31) 4-Chloroaniline-d4	11.045	131	16	0.001	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	72987	2.122	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	79206	2.049	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	87	0.019	ng/u1	0.00
60) Fluorene-d10	15.710	176	60202	2.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	35	0.006	ng/u1	-0.02
73) Anthracene-d10	17.574	188	91975	2.144	ng/u1	0.00
81) Pyrene-d10	19.798	212	90035	2.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	72019	2.054	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.945	128	57586	1.503	ng/u1	98
36) 2-Methylnaphthalene	12.569	142	26879	1.066	ng/u1	91
52) Acenaphthene	14.780	153	149992	5.078	ng/u1	97
56) Dibenzofuran	15.122	168	102586	2.502	ng/u1	100
61) Fluorene	15.769	166	141543	4.256	ng/u1	99
72) Phenanthrene	17.516	178	2609997	51.144	ng/u1	100
74) Anthracene	17.610	178	601427	11.729	ng/u1	99
77) Carbazole	17.886	167	401130	9.281	ng/u1	99
80) Fluoranthene	19.480	202	4180593	86.205	ng/u1	98
82) Pyrene	19.833	202	3217096	65.032	ng/u1	100
85) Benzo(a)anthracene	21.545	228	1637275	38.948	ng/u1	97
87) Chrysene	21.604	228	1514196	37.966	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	2069745	46.345	ng/u1	98
91) Benzo(k)fluoranthene	23.333	252	2069745	45.869	ng/u1	98
93) Benzo(a)pyrene	24.003	252	1391559	35.660	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.815	276	1111528	20.982	ng/u1	98
95) Dibenzo(a,h)anthracene	26.815	278	314535	7.229	ng/u1#	78
96) Benzo(g,h,i)perylene	27.656	276	1021886	23.448	ng/u1	99

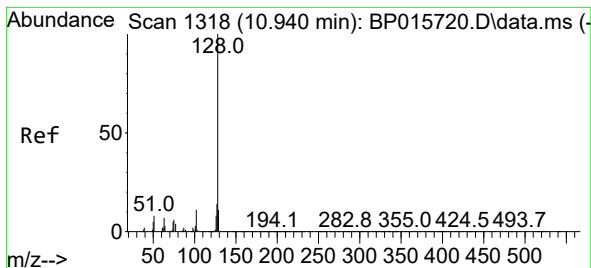
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#30

Naphthalene

Concen: 1.503 ng/ul

RT: 10.945 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

Instrument :

BNA_P

ClientSampleId :

DCFL1DL

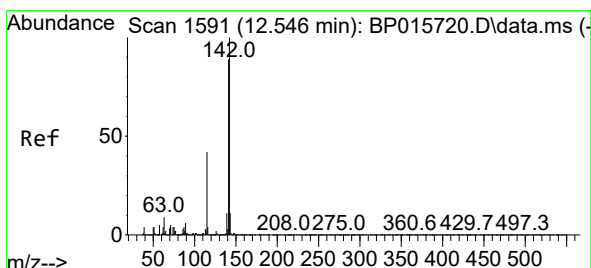
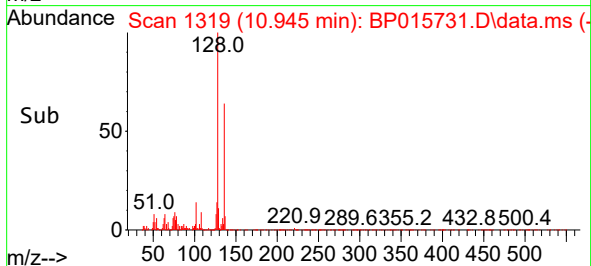
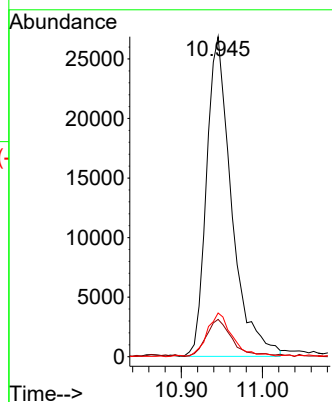
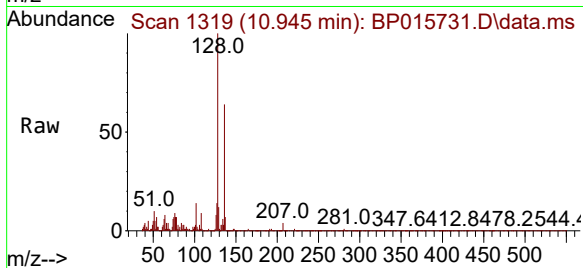
Tgt Ion:128 Resp: 57586

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

127 13.7 10.3 15.5



#36

2-Methylnaphthalene

Concen: 1.066 ng/ul

RT: 12.569 min Scan# 1595

Delta R.T. 0.023 min

Lab File: BP015731.D

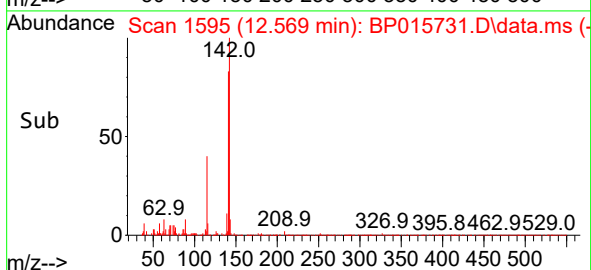
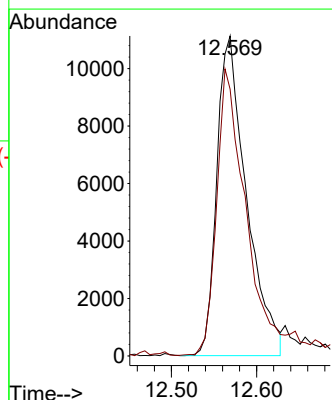
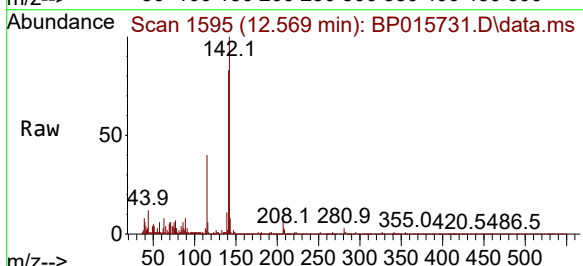
Acq: 27 Jun 2023 00:39

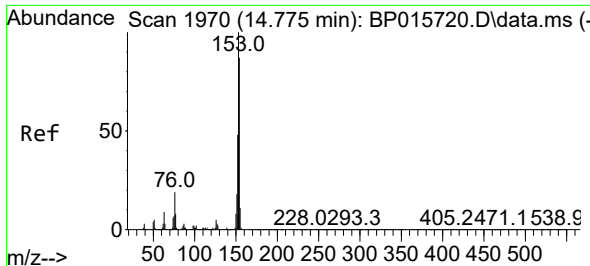
Tgt Ion:142 Resp: 26879

Ion Ratio Lower Upper

142 100

141 83.3 73.2 109.8

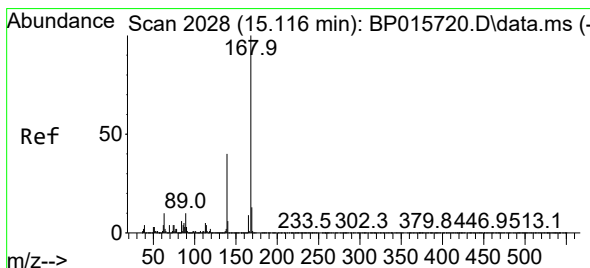
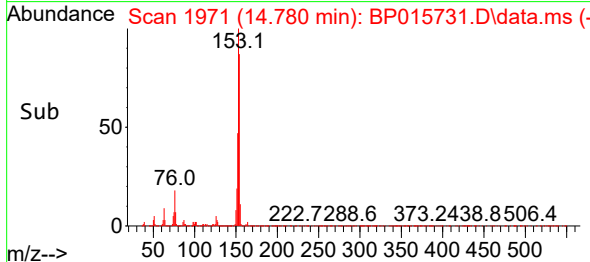
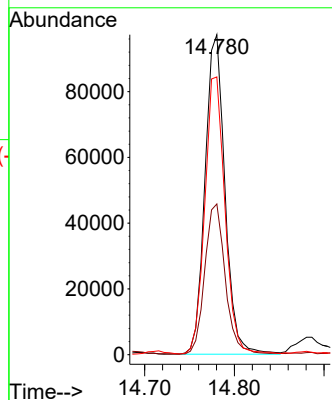
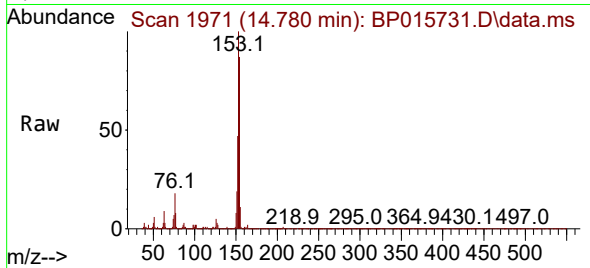




#52
Acenaphthene
Concen: 5.078 ng/ul
RT: 14.780 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

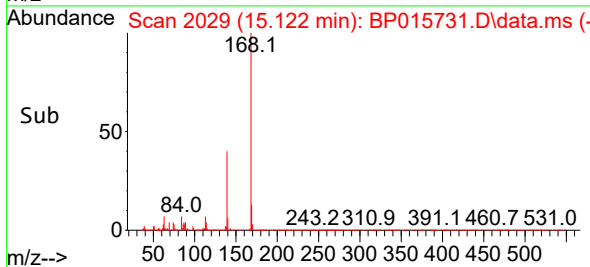
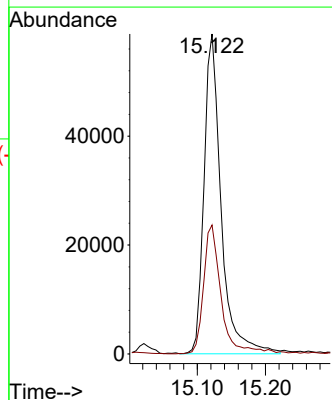
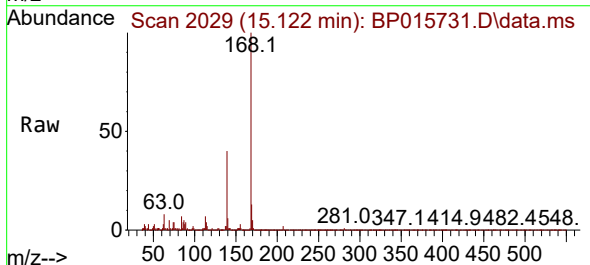
Instrument :
BNA_P
ClientSampleId :
DCFL1DL

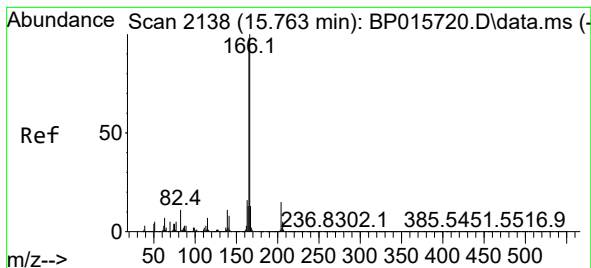
Tgt Ion:153 Resp: 149992
Ion Ratio Lower Upper
153 100
152 47.1 39.4 59.2
154 86.8 71.4 107.2



#56
Dibenzofuran
Concen: 2.502 ng/ul
RT: 15.122 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Tgt Ion:168 Resp: 102586
Ion Ratio Lower Upper
168 100
139 40.3 32.2 48.4





#61

Fluorene

Concen: 4.256 ng/ul

RT: 15.769 min Scan# 2138

Delta R.T. 0.006 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

Instrument :

BNA_P

ClientSampleId :

DCFL1DL

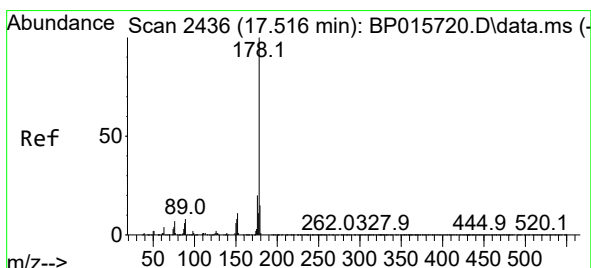
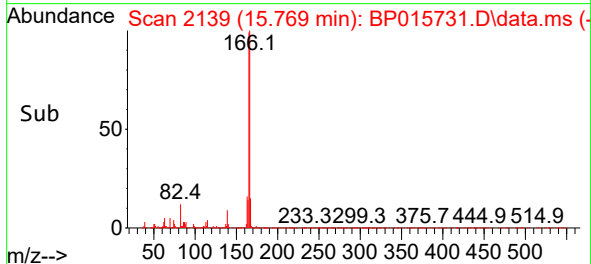
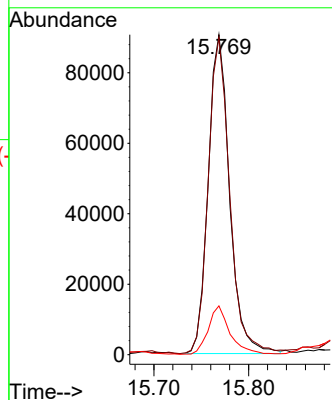
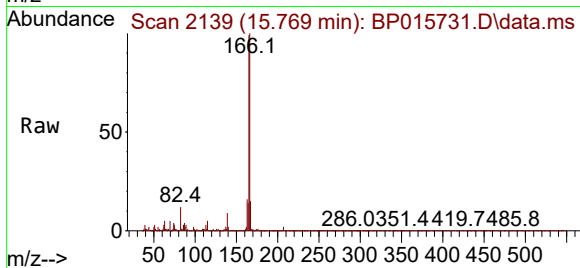
Tgt Ion:166 Resp: 141543

Ion Ratio Lower Upper

166 100

165 99.1 78.7 118.1

167 15.2 10.5 15.7



#72

Phenanthrene

Concen: 51.144 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

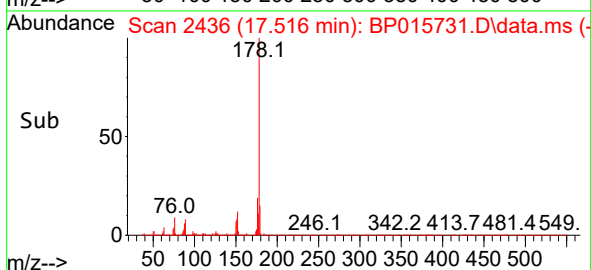
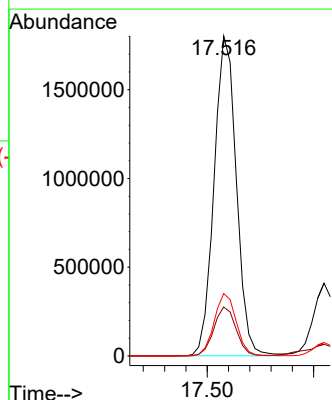
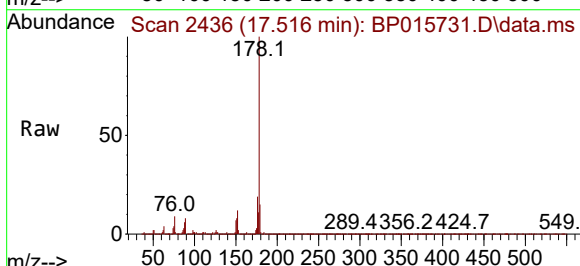
Tgt Ion:178 Resp: 2609997

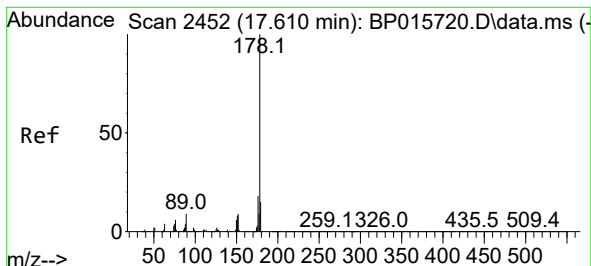
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.5 15.6 23.4





#74

Anthracene

Concen: 11.729 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

Instrument :

BNA_P

ClientSampleId :

DCFL1DL

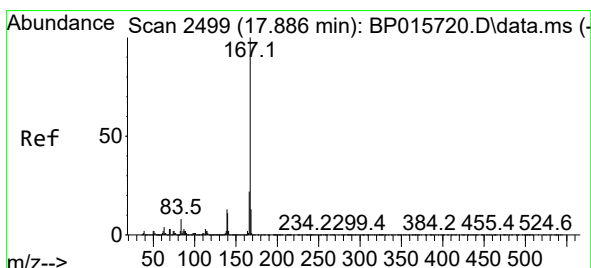
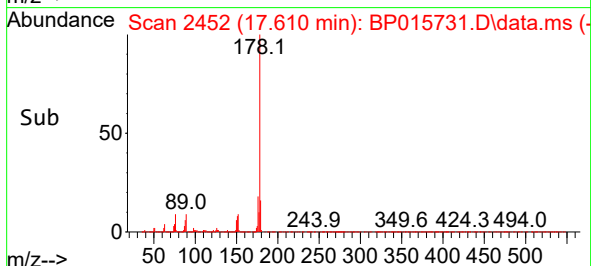
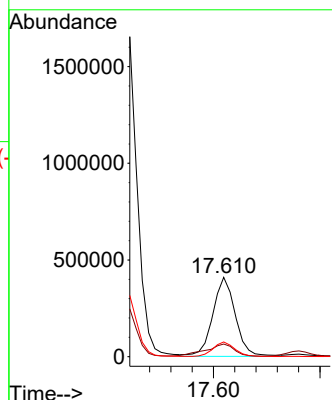
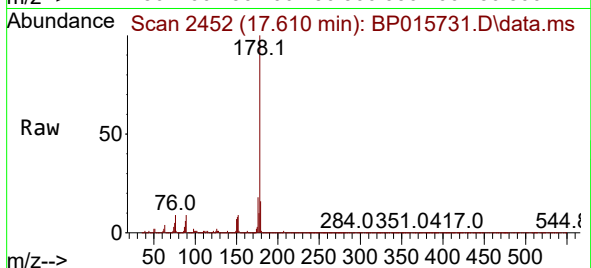
Tgt Ion:178 Resp: 601427

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

176 18.5 14.6 22.0



#77

Carbazole

Concen: 9.281 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. -0.000 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

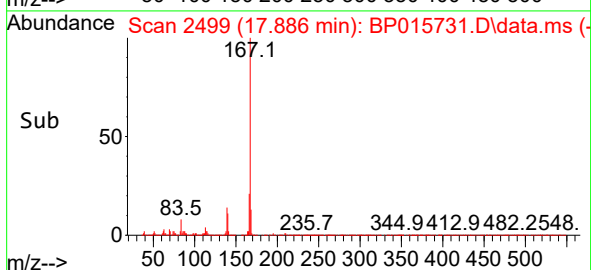
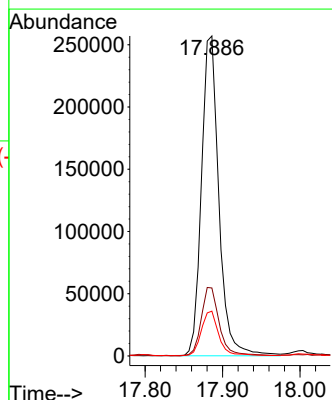
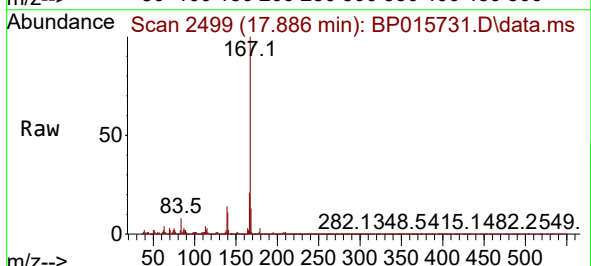
Tgt Ion:167 Resp: 401130

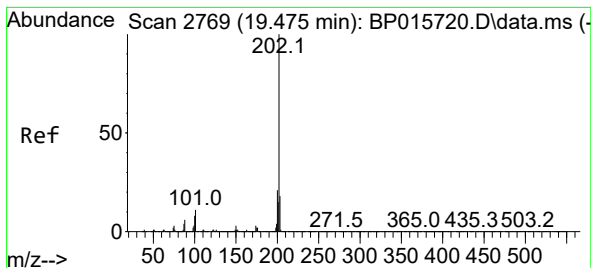
Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

139 14.0 11.0 16.4





#80

Fluoranthene

Concen: 86.205 ng/ul

RT: 19.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

Instrument :

BNA_P

ClientSampleId :

DCFL1DL

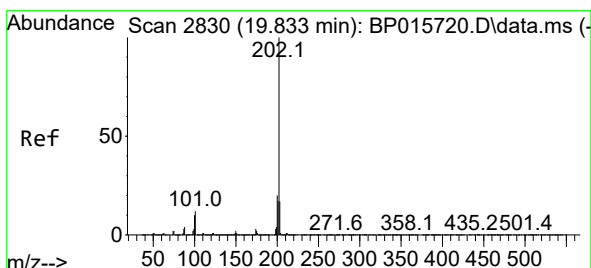
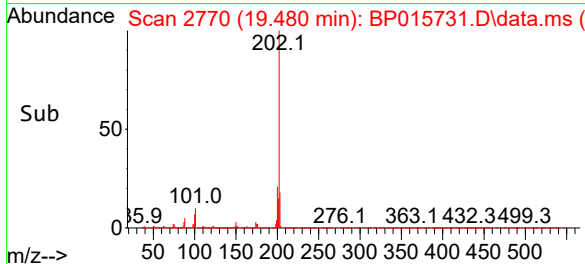
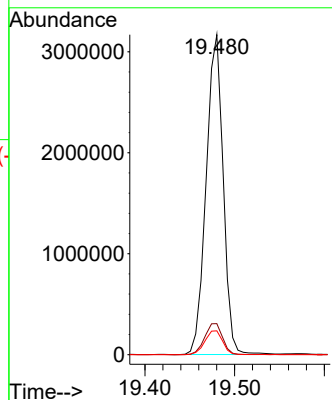
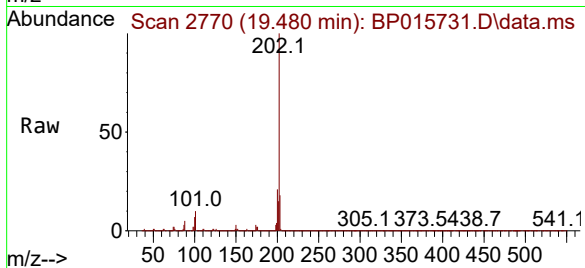
Tgt Ion:202 Resp: 4180593

Ion Ratio Lower Upper

202 100

101 9.7 8.3 12.5

100 7.4 6.6 9.8



#82

Pyrene

Concen: 65.032 ng/ul

RT: 19.833 min Scan# 2830

Delta R.T. -0.000 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

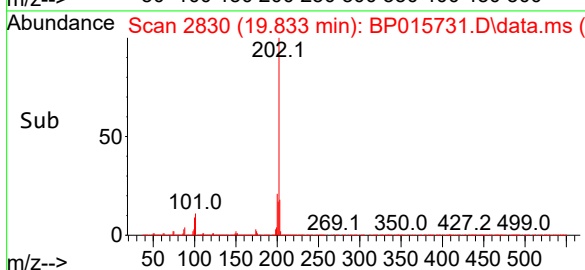
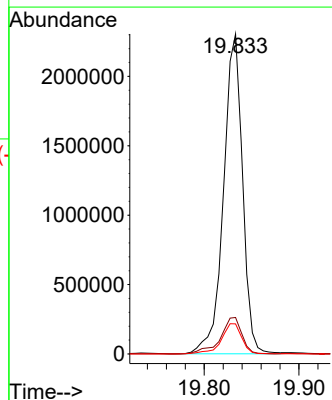
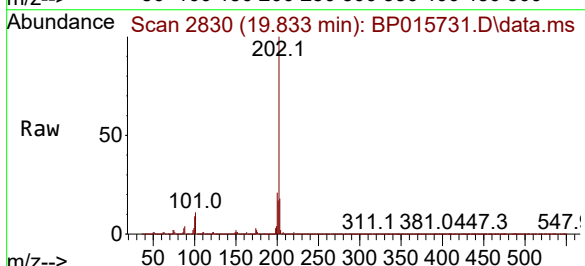
Tgt Ion:202 Resp: 3217096

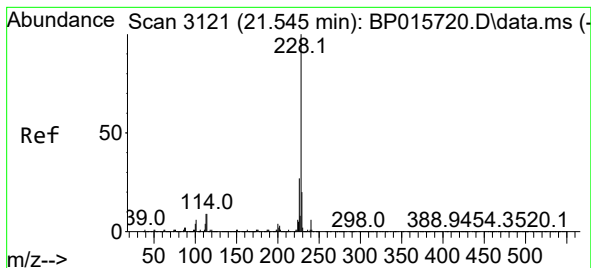
Ion Ratio Lower Upper

202 100

101 11.4 9.3 13.9

100 9.4 7.6 11.4





#85

Benzo(a)anthracene

Concen: 38.948 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

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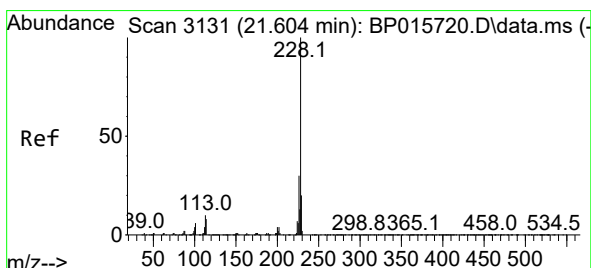
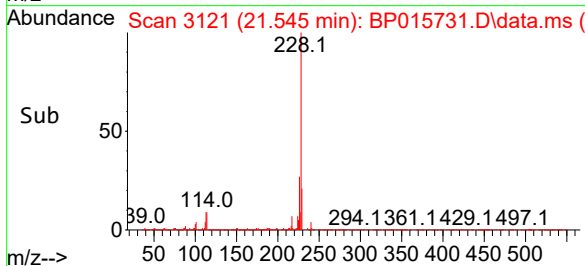
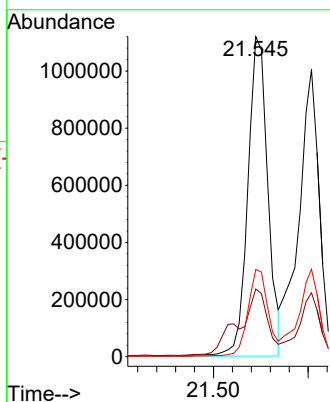
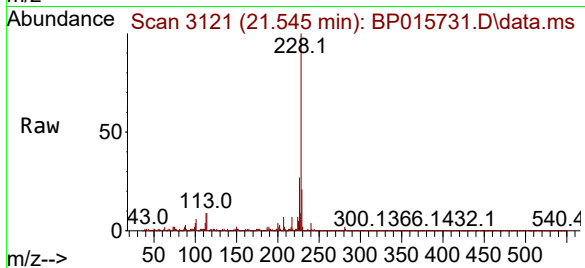
Tgt Ion:228 Resp: 1637275

Ion Ratio Lower Upper

228 100

229 21.2 15.3 22.9

226 27.2 21.4 32.0



#87

Chrysene

Concen: 37.966 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP015731.D

Acq: 27 Jun 2023 00:39

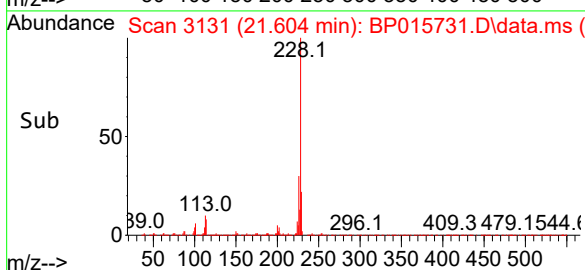
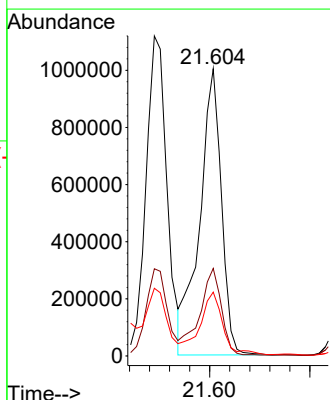
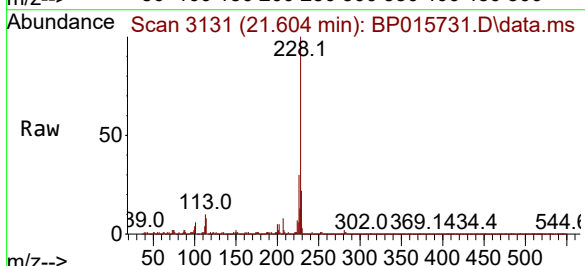
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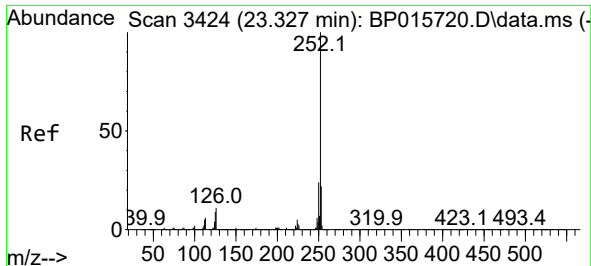
Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 22.2 15.5 23.3

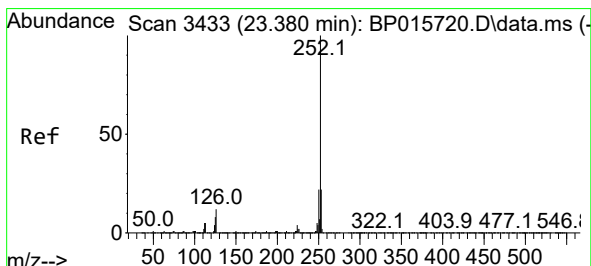
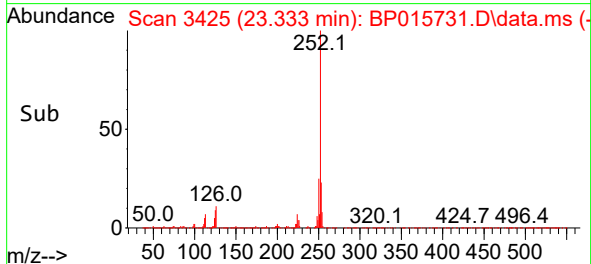
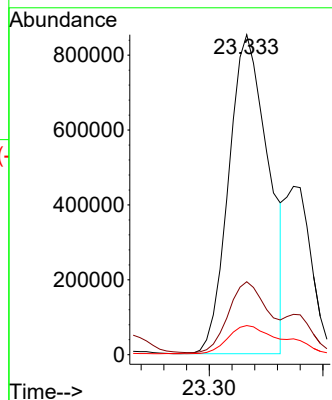
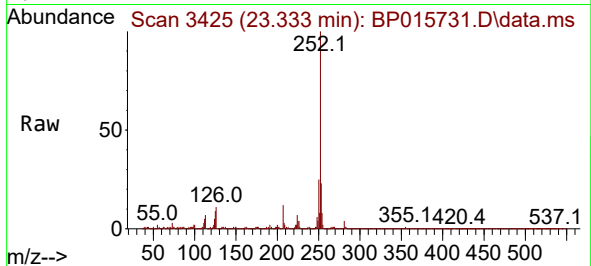




#90
Benzo(b)fluoranthene
Concen: 46.345 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

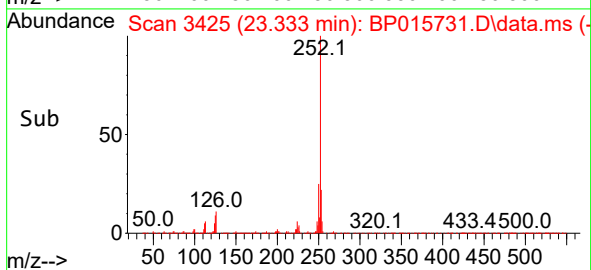
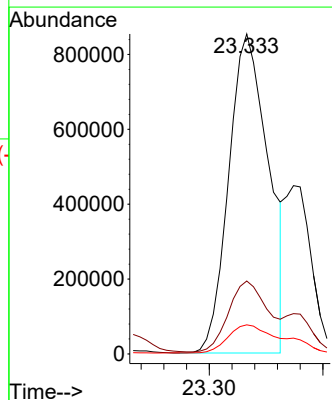
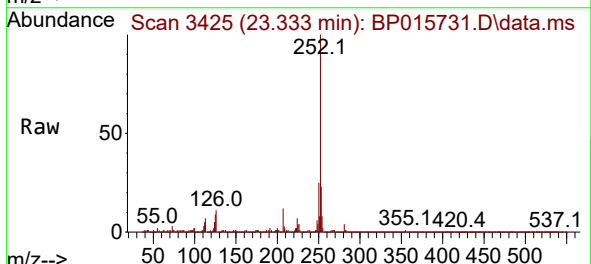
Instrument :
BNA_P
ClientSampleId :
DCFL1DL

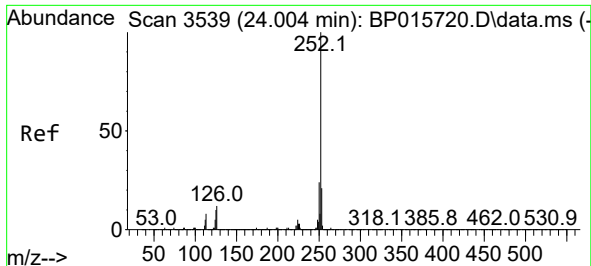
Tgt Ion:252 Resp: 2069745
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 9.1 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 45.869 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. -0.047 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Tgt Ion:252 Resp: 2069745
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 9.1 7.3 10.9

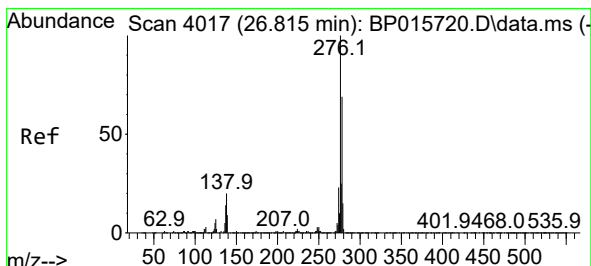
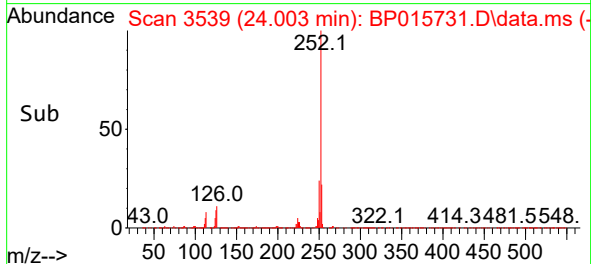
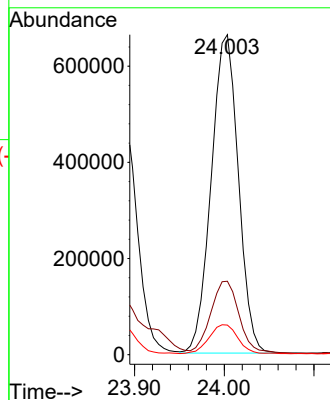
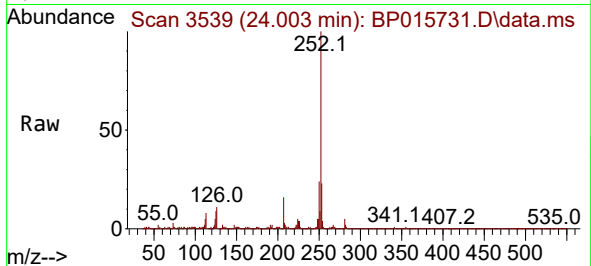




#93
Benzo(a)pyrene
Concen: 35.660 ng/ul
RT: 24.003 min Scan# 3539
Delta R.T. -0.000 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

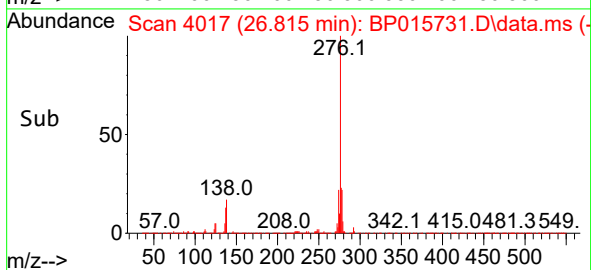
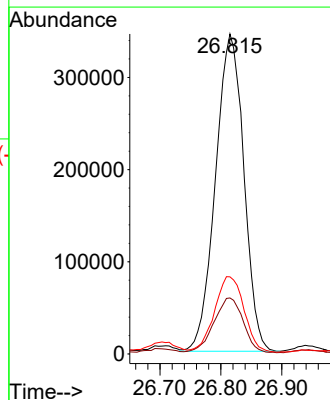
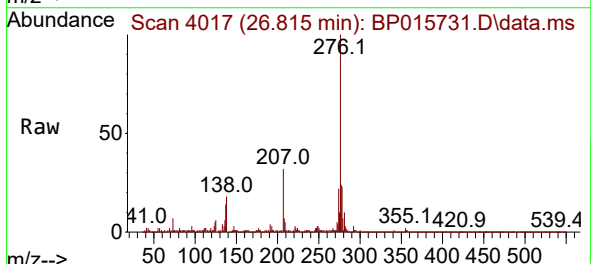
Instrument :
BNA_P
ClientSampleId :
DCFL1DL

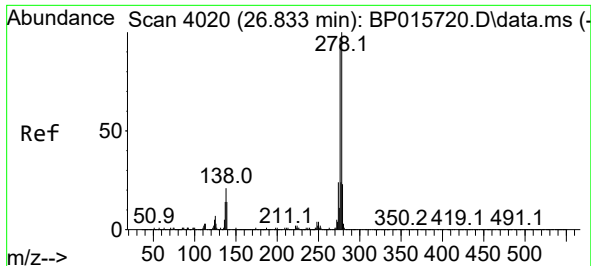
Tgt Ion:252 Resp: 1391559
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.2 8.2 12.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.982 ng/ul
RT: 26.815 min Scan# 4017
Delta R.T. -0.000 min
Lab File: BP015731.D
Acq: 27 Jun 2023 00:39

Tgt Ion:276 Resp: 1111528
Ion Ratio Lower Upper
276 100
138 17.5 15.7 23.5
277 24.1 19.6 29.4

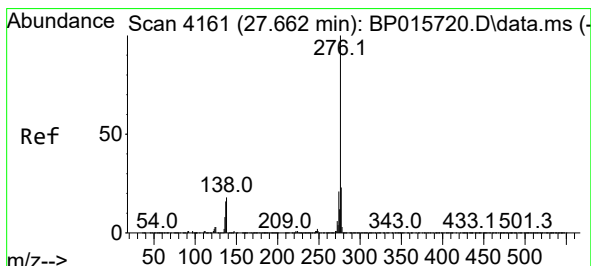
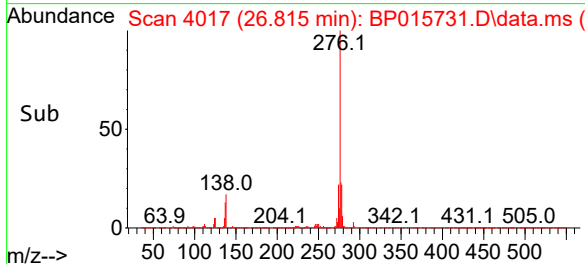
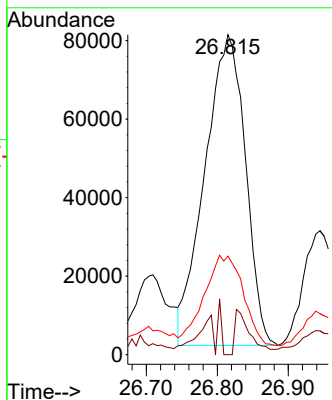
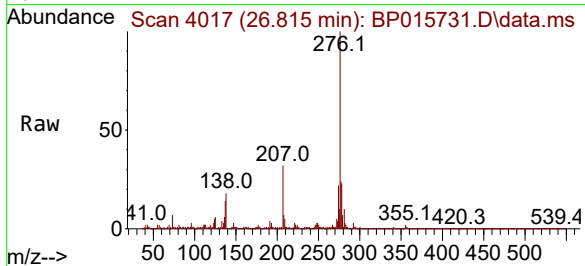




#95
 Dibenzo(a,h)anthracene
 Concen: 7.229 ng/ul
 RT: 26.815 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BP015731.D
 Acq: 27 Jun 2023 00:39

Instrument :
 BNA_P
 ClientSampleId :
 DCFL1DL

Tgt Ion:278 Resp: 314535
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.5 15.7#
 279 30.8 18.4 27.6#



#96
 Benzo(g,h,i)perylene
 Concen: 23.448 ng/ul
 RT: 27.656 min Scan# 4160
 Delta R.T. -0.000 min
 Lab File: BP015731.D
 Acq: 27 Jun 2023 00:39

Tgt Ion:276 Resp: 1021886
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.1 22.7
 277 23.9 18.8 28.2

