

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015741.D
 Acq On : 27 Jun 2023 11:49
 Operator : MA/JU
 Sample : 03083-12DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 27 22:09:54 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)

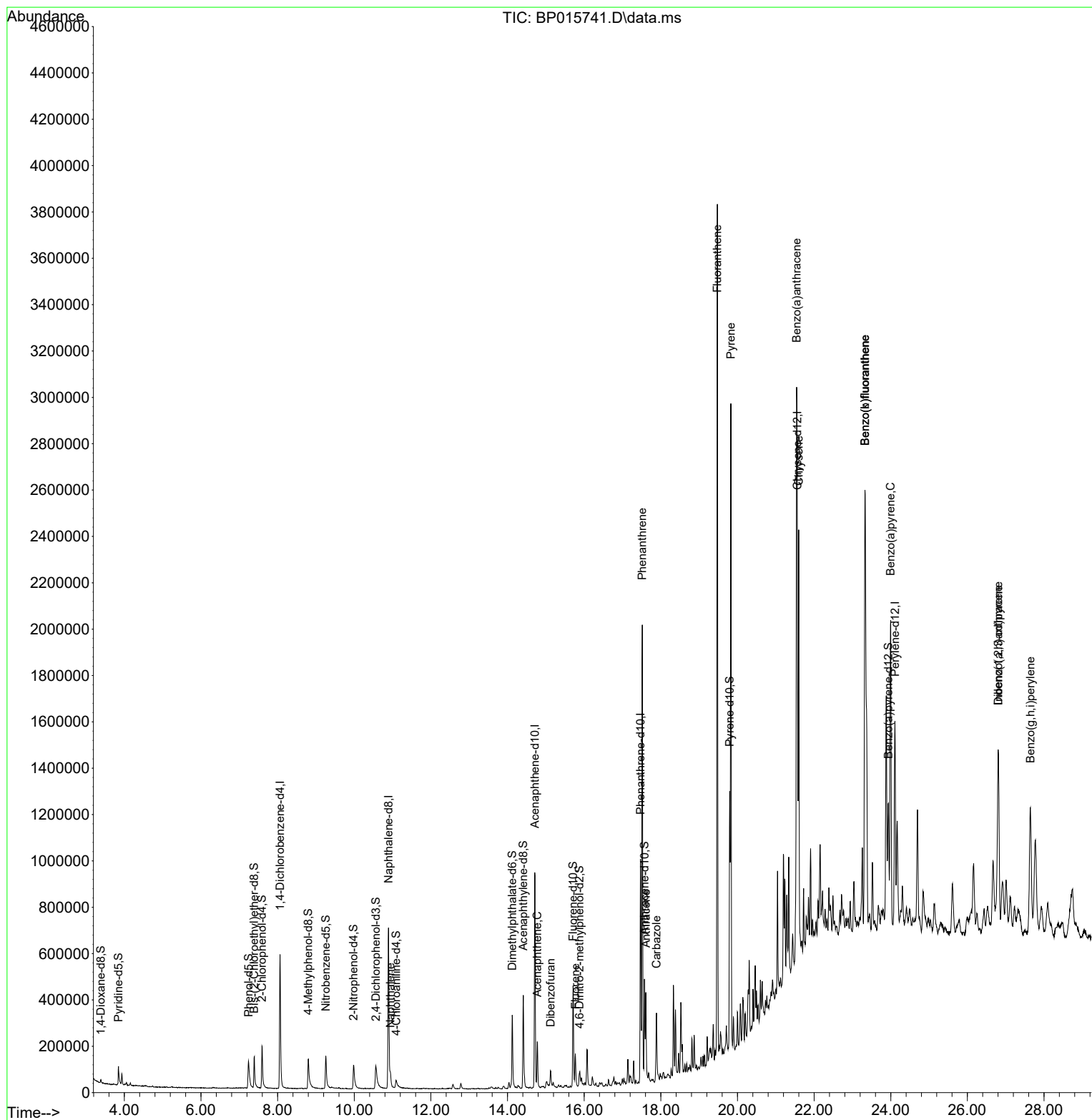
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	165174	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	625308	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	322540	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	580352	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	554957	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	733250	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	6419	1.398	ng/uL	0.00
4) Pyridine-d5	3.846	84	47045	4.065	ng/ul	0.02
7) Phenol-d5	7.240	99	102472	7.251	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	73307	8.384	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	90117	8.447	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	66917	5.994	ng/ul	0.01
21) Nitrobenzene-d5	9.258	128	38978	8.156	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	43276	7.759	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	64552	6.495	ng/ul	0.04
31) 4-Chloroaniline-d4	11.093	131	26985	2.114	ng/ul	0.05
46) Dimethylphthalate-d6	14.122	166	236735	9.496	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	262423	9.364	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	122	0.037	ng/ul	-0.01
60) Fluorene-d10	15.710	176	185255	9.025	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	15209	4.261	ng/ul	0.02
73) Anthracene-d10	17.575	188	236692	8.929	ng/ul	0.00
81) Pyrene-d10	19.798	212	286191	7.898	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	354630	9.588	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.946	128	45437	1.337	ng/ul	97
52) Acenaphthene	14.775	153	81083	3.787	ng/ul	100
56) Dibenzofuran	15.128	168	47810	1.608	ng/ul	98
61) Fluorene	15.769	166	62297	2.584	ng/ul	95
72) Phenanthrene	17.516	178	1169742	37.102	ng/ul	99
74) Anthracene	17.610	178	250814	7.917	ng/ul	97
77) Carbazole	17.886	167	184835	6.922	ng/ul	99
80) Fluoranthene	19.475	202	2124988	47.184	ng/ul	100
82) Pyrene	19.828	202	1678601	36.539	ng/ul	98
85) Benzo(a)anthracene	21.545	228	1119108	28.667	ng/ul	98
87) Chrysene	21.598	228	1094546	29.552	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1646284	34.942	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1646284	34.584	ng/ul	98
93) Benzo(a)pyrene	23.998	252	1104532	26.830	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.804	276	870898	15.583	ng/ul	99
95) Dibenzo(a,h)anthracene	26.804	278	247717	5.396	ng/ul#	85
96) Benzo(g,h,i)perylene	27.645	276	779011	16.944	ng/ul	98

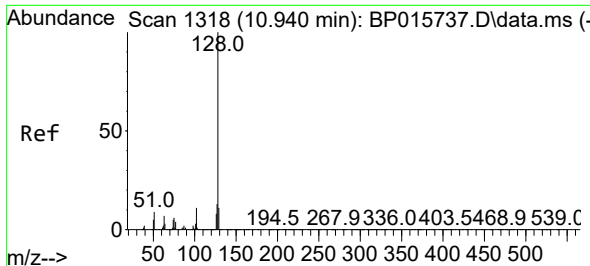
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

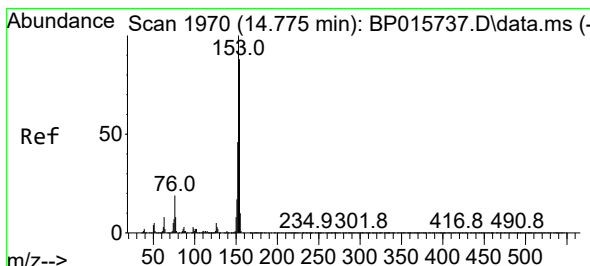
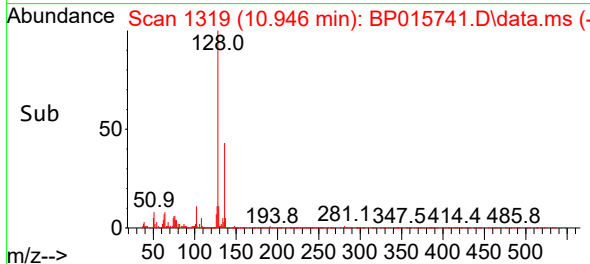
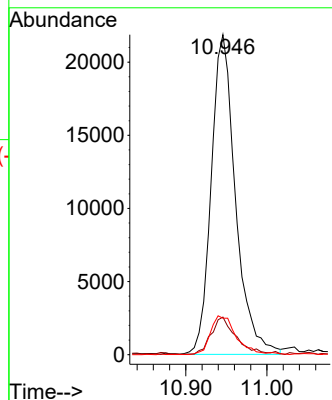
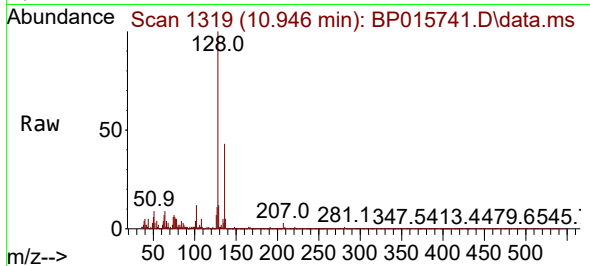




#30
Naphthalene
Concen: 1.337 ng/ul
RT: 10.946 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP015741.D
Acq: 27 Jun 2023 11:49

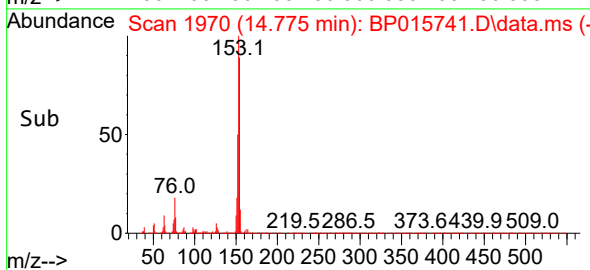
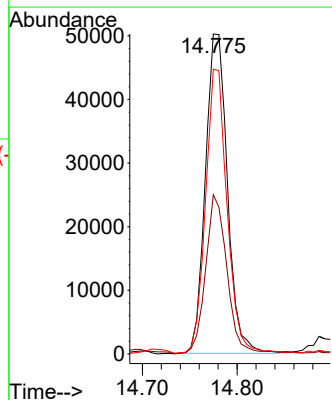
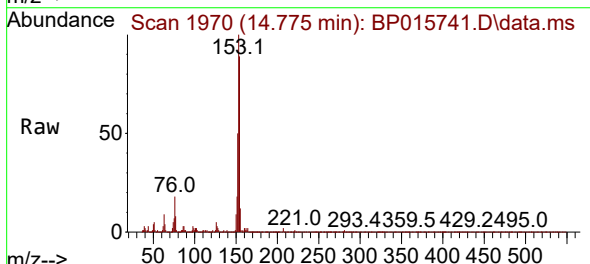
Instrument :
BNA_P
ClientSampleId :

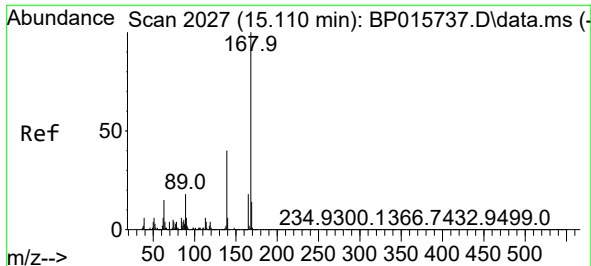
Tgt Ion:128 Resp: 45437
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 11.4 10.3 15.5



#52
Acenaphthene
Concen: 3.787 ng/ul
RT: 14.775 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP015741.D
Acq: 27 Jun 2023 11:49

Tgt Ion:153 Resp: 81083
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.2
154 89.0 71.4 107.2

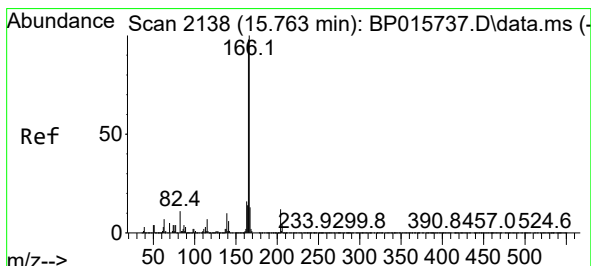
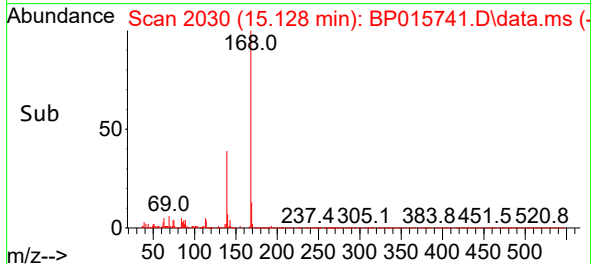
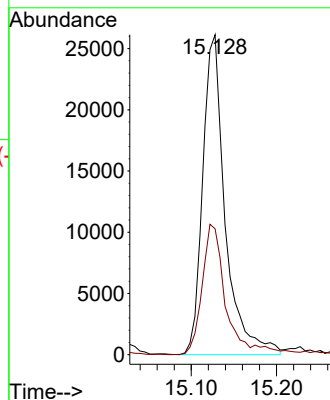
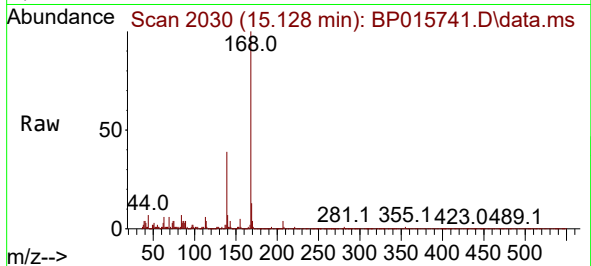




#56
Dibenzofuran
Concen: 1.608 ng/ul
RT: 15.128 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BP015741.D
Acq: 27 Jun 2023 11:49

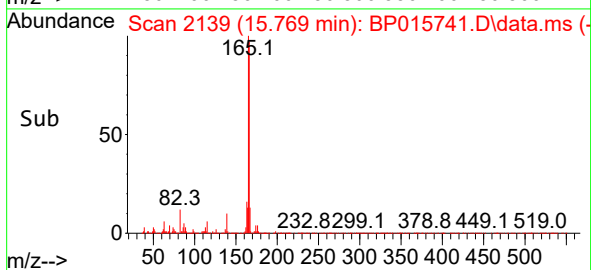
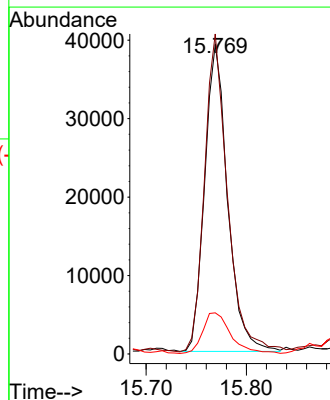
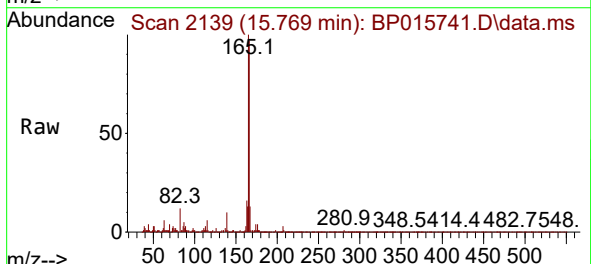
Instrument :
BNA_P
ClientSampleId :

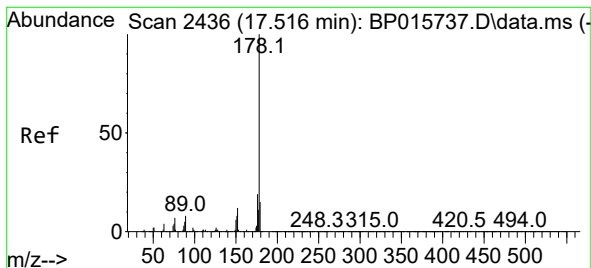
Tgt Ion:168 Resp: 47810
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.4



#61
Fluorene
Concen: 2.584 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BP015741.D
Acq: 27 Jun 2023 11:49

Tgt Ion:166 Resp: 62297
Ion Ratio Lower Upper
166 100
165 103.4 78.7 118.1
167 13.3 10.5 15.7





#72

Phenanthrene

Concen: 37.102 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

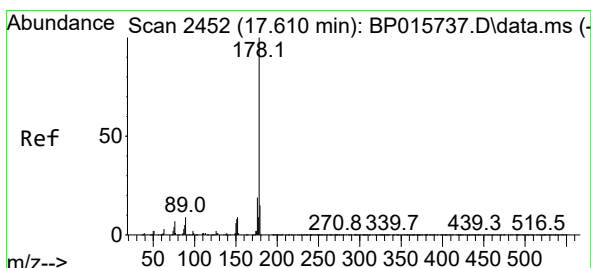
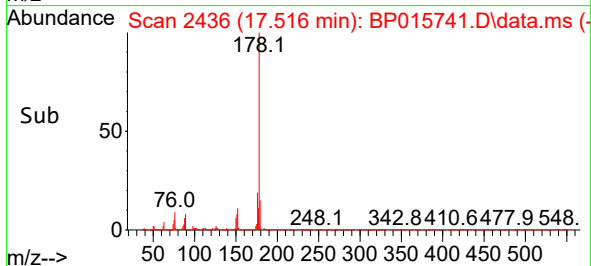
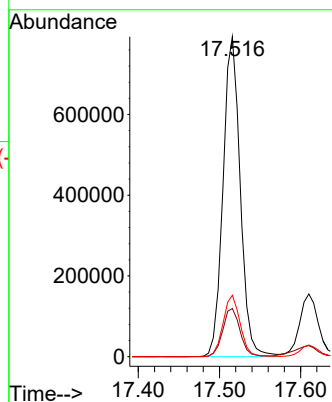
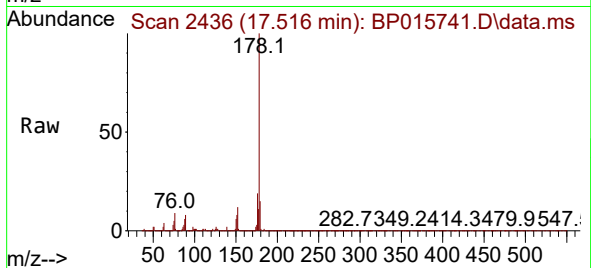
Tgt Ion:178 Resp: 1169742

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 19.2 15.6 23.4



#74

Anthracene

Concen: 7.917 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

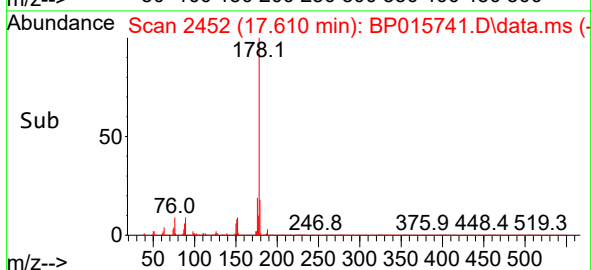
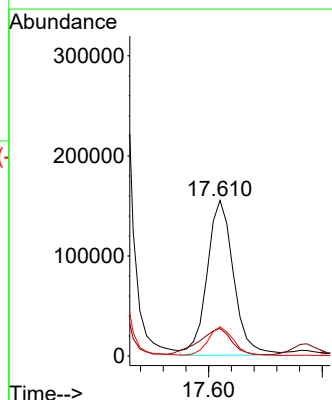
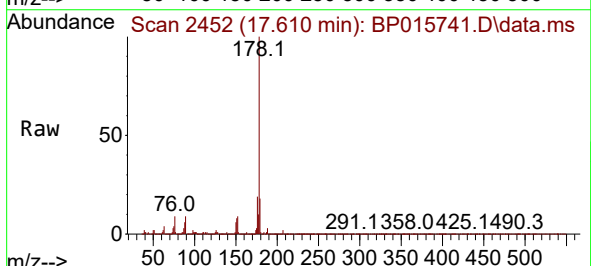
Tgt Ion:178 Resp: 250814

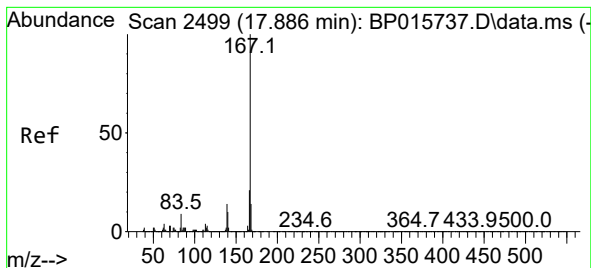
Ion Ratio Lower Upper

178 100

179 17.7 12.1 18.1

176 18.7 14.6 22.0





#77

Carbazole

Concen: 6.922 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. 0.000 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

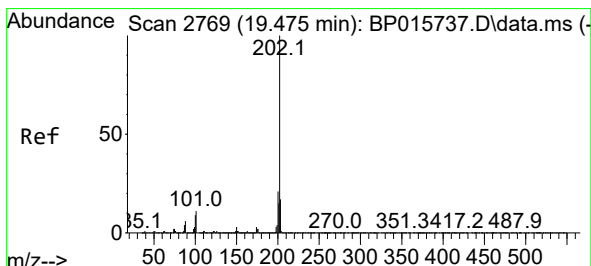
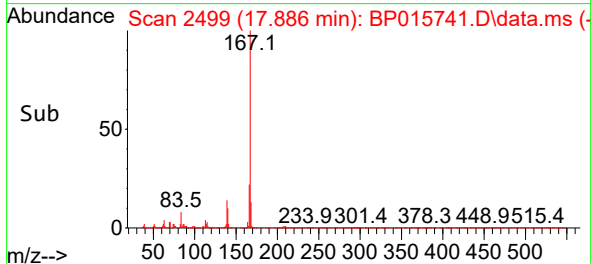
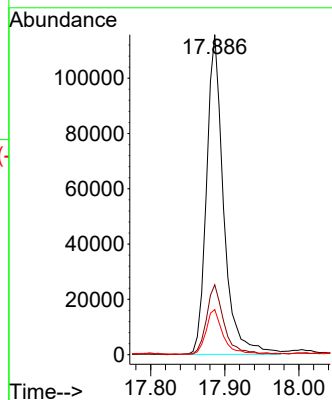
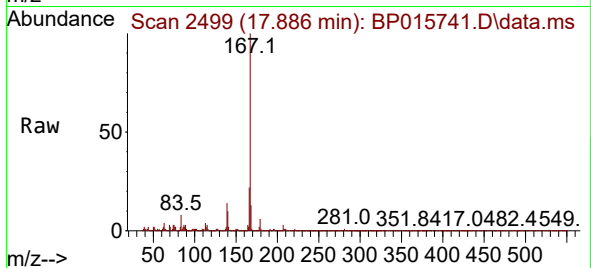
Tgt Ion:167 Resp: 184835

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 14.1 11.0 16.4



#80

Fluoranthene

Concen: 47.184 ng/ul

RT: 19.475 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

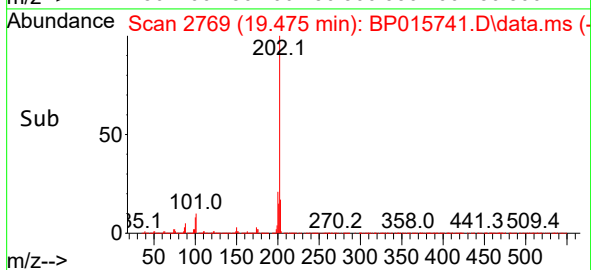
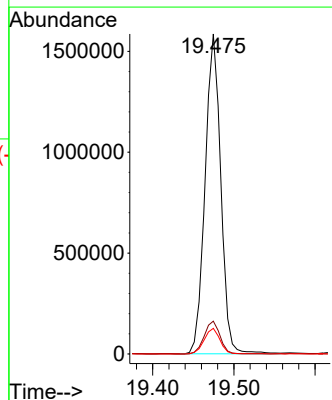
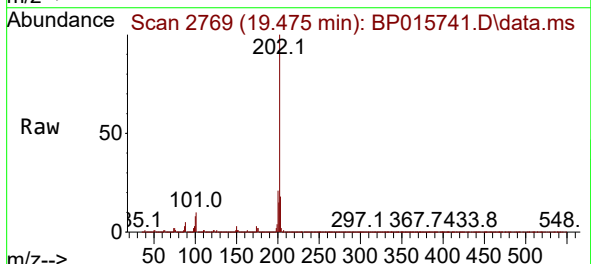
Tgt Ion:202 Resp: 2124988

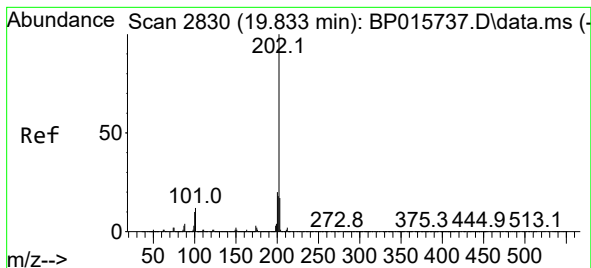
Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

100 8.0 6.6 9.8





#82

Pyrene

Concen: 36.539 ng/ul

RT: 19.828 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

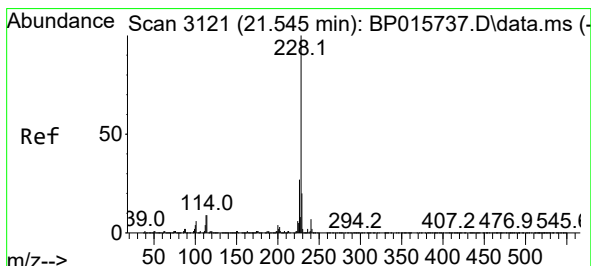
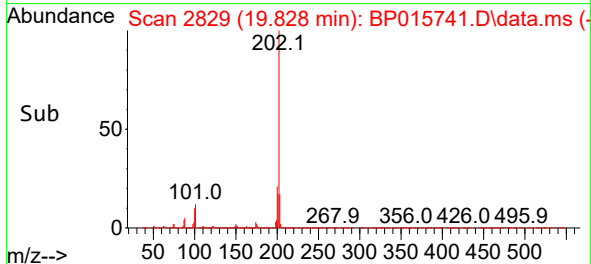
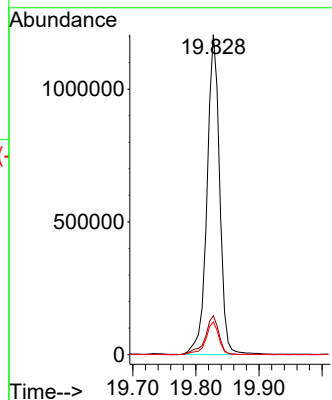
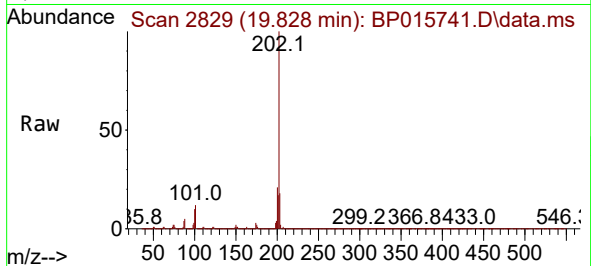
Tgt Ion:202 Resp: 1678601

Ion Ratio Lower Upper

202 100

101 12.1 9.3 13.9

100 10.2 7.6 11.4



#85

Benzo(a)anthracene

Concen: 28.667 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

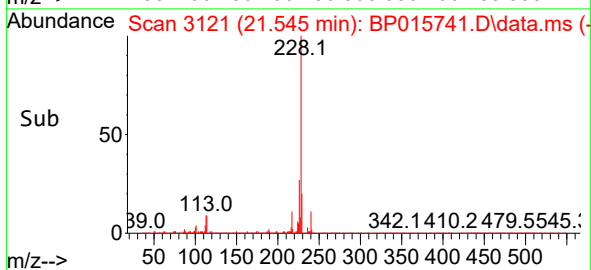
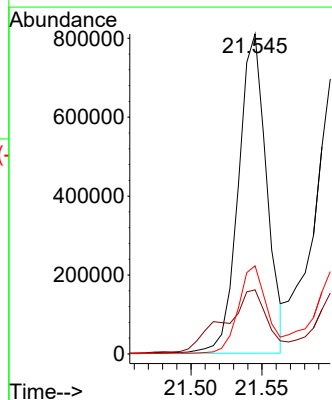
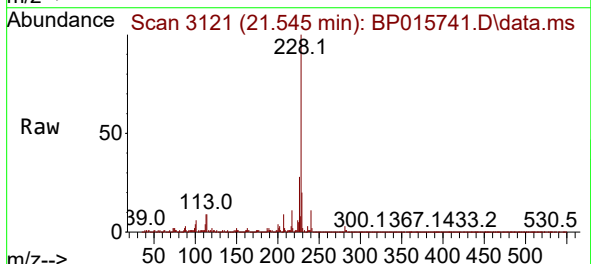
Tgt Ion:228 Resp: 1119108

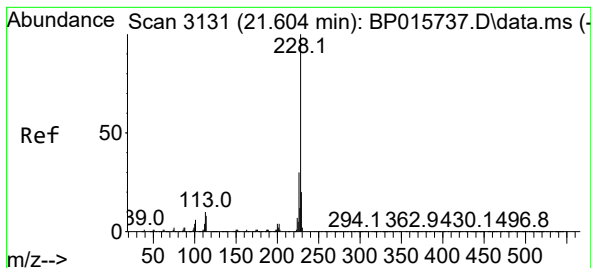
Ion Ratio Lower Upper

228 100

229 20.1 15.3 22.9

226 27.5 21.4 32.0





#87

Chrysene

Concen: 29.552 ng/ul

RT: 21.598 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

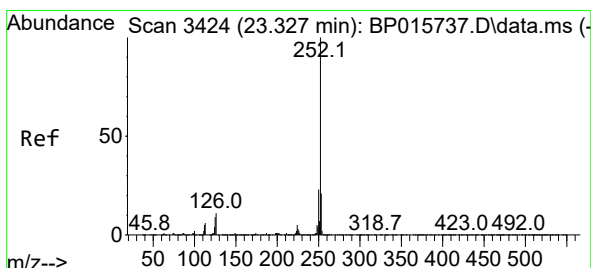
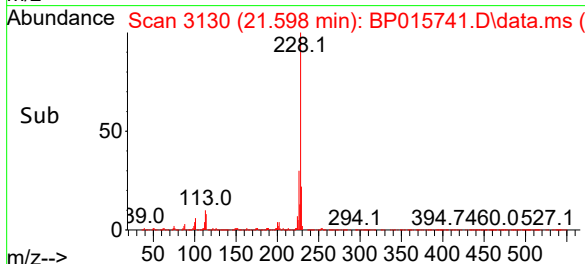
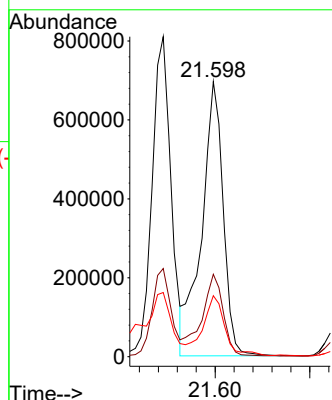
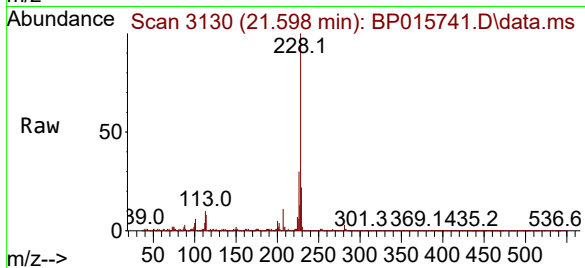
Tgt Ion:228 Resp: 1094546

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 22.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 34.942 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.000 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

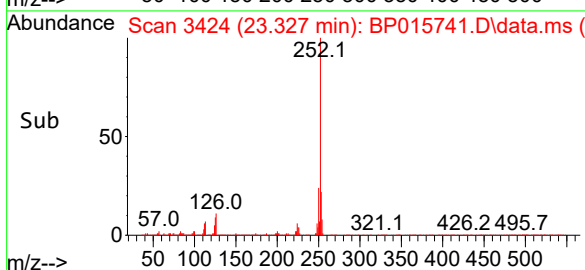
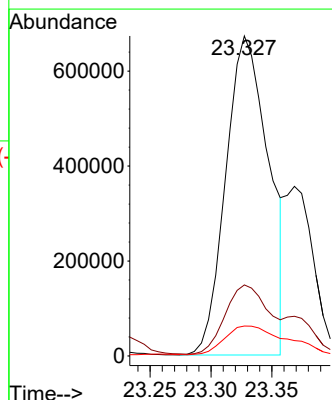
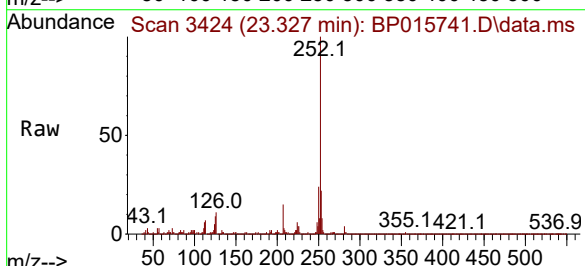
Tgt Ion:252 Resp: 1646284

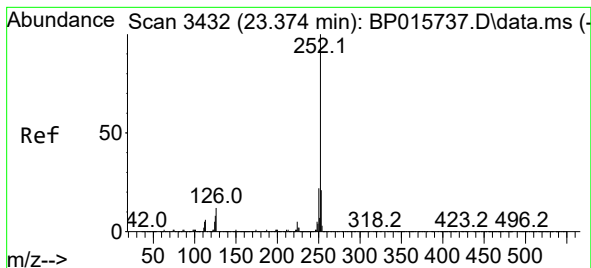
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.4 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 34.584 ng/ul

RT: 23.327 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

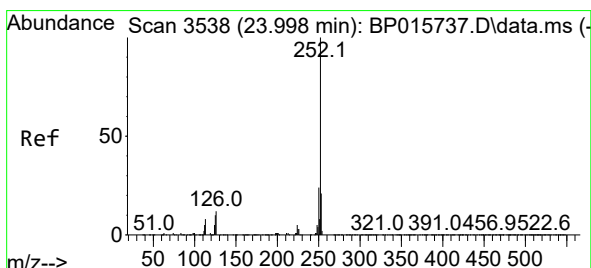
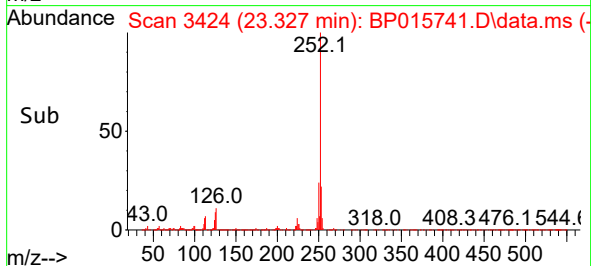
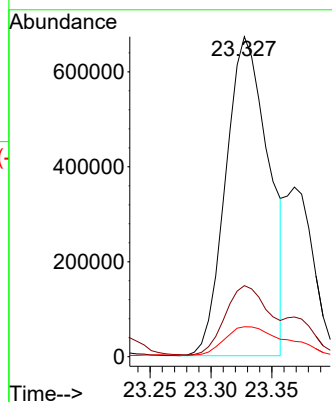
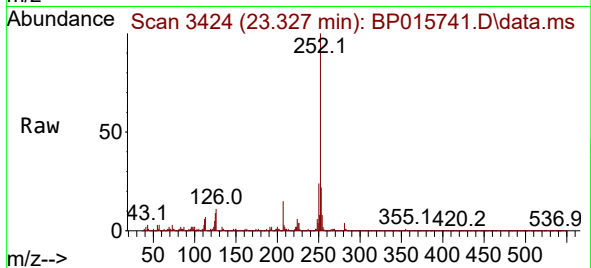
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Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 9.4 7.3 10.9



#93

Benzo(a)pyrene

Concen: 26.830 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

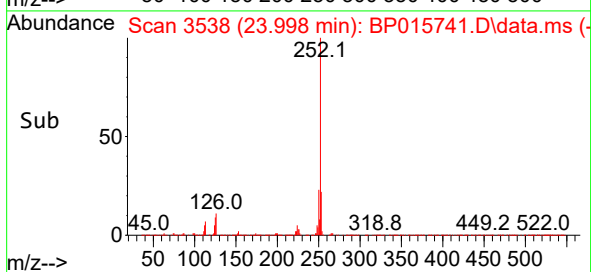
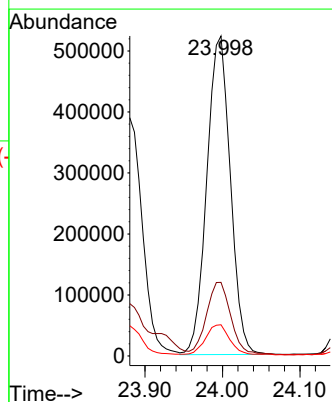
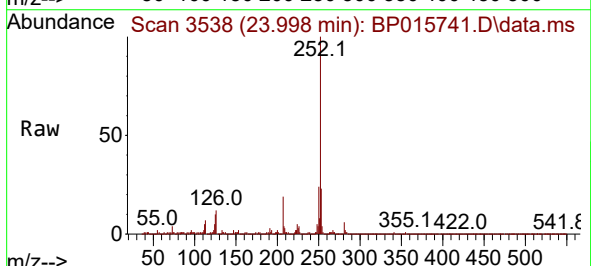
Tgt Ion:252 Resp: 1104532

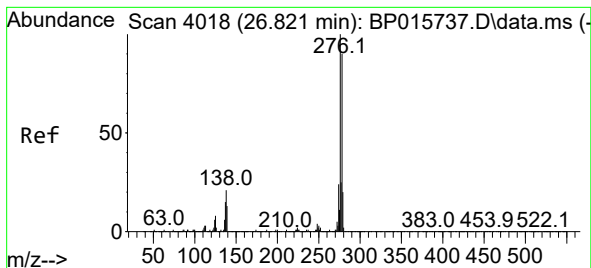
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 9.7 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 15.583 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

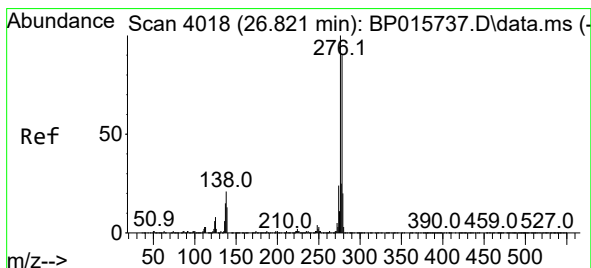
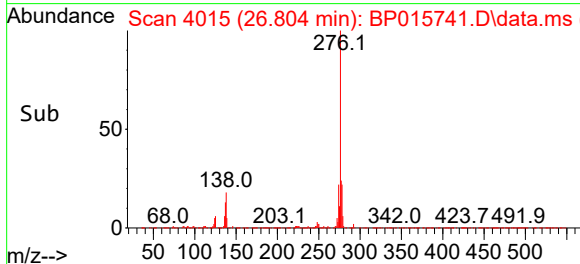
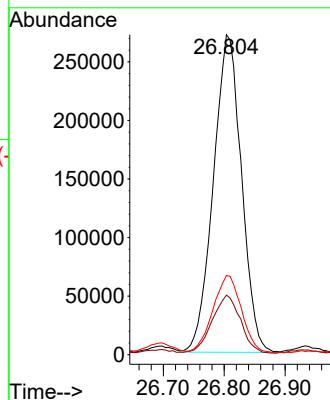
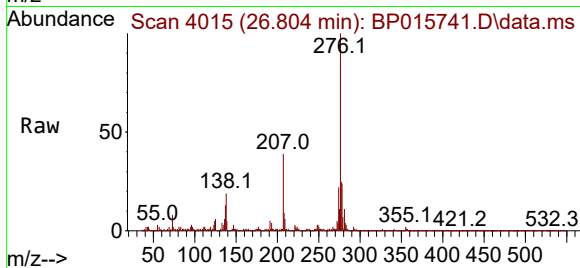
Tgt Ion:276 Resp: 870898

Ion Ratio Lower Upper

276 100

138 18.6 15.7 23.5

277 24.8 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 5.396 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. -0.023 min

Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

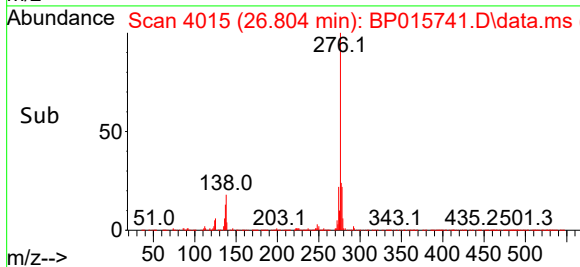
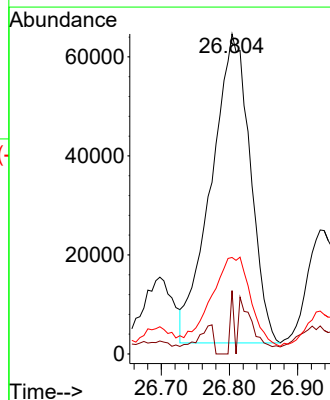
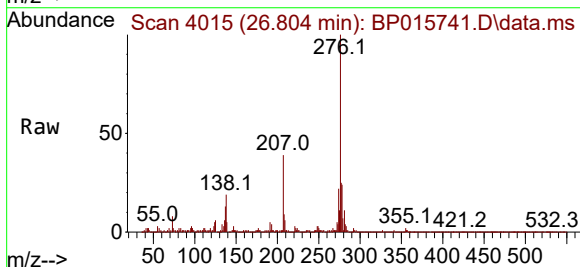
Tgt Ion:278 Resp: 247717

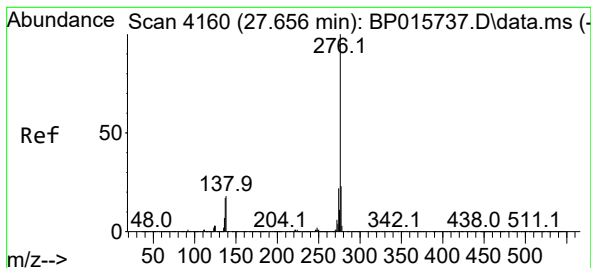
Ion Ratio Lower Upper

278 100

139 19.8 10.5 15.7#

279 30.2 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 16.944 ng/ul

RT: 27.645 min Scan# 41

Delta R.T. -0.012 min

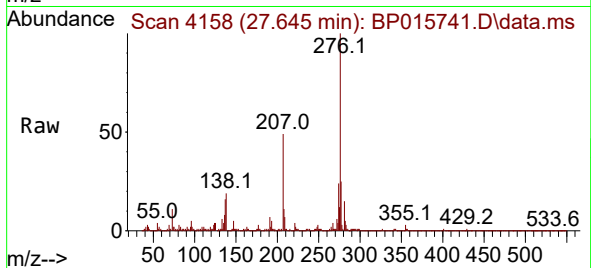
Lab File: BP015741.D

Acq: 27 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 779011

Ion Ratio Lower Upper

276 100

138 18.7 15.1 22.7

277 24.7 18.8 28.2

