

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015732.D
 Acq On : 27 Jun 2023 01:13
 Operator : MA/JU
 Sample : 03083-14DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL2DL

Quant Time: Jun 27 02:37:23 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)

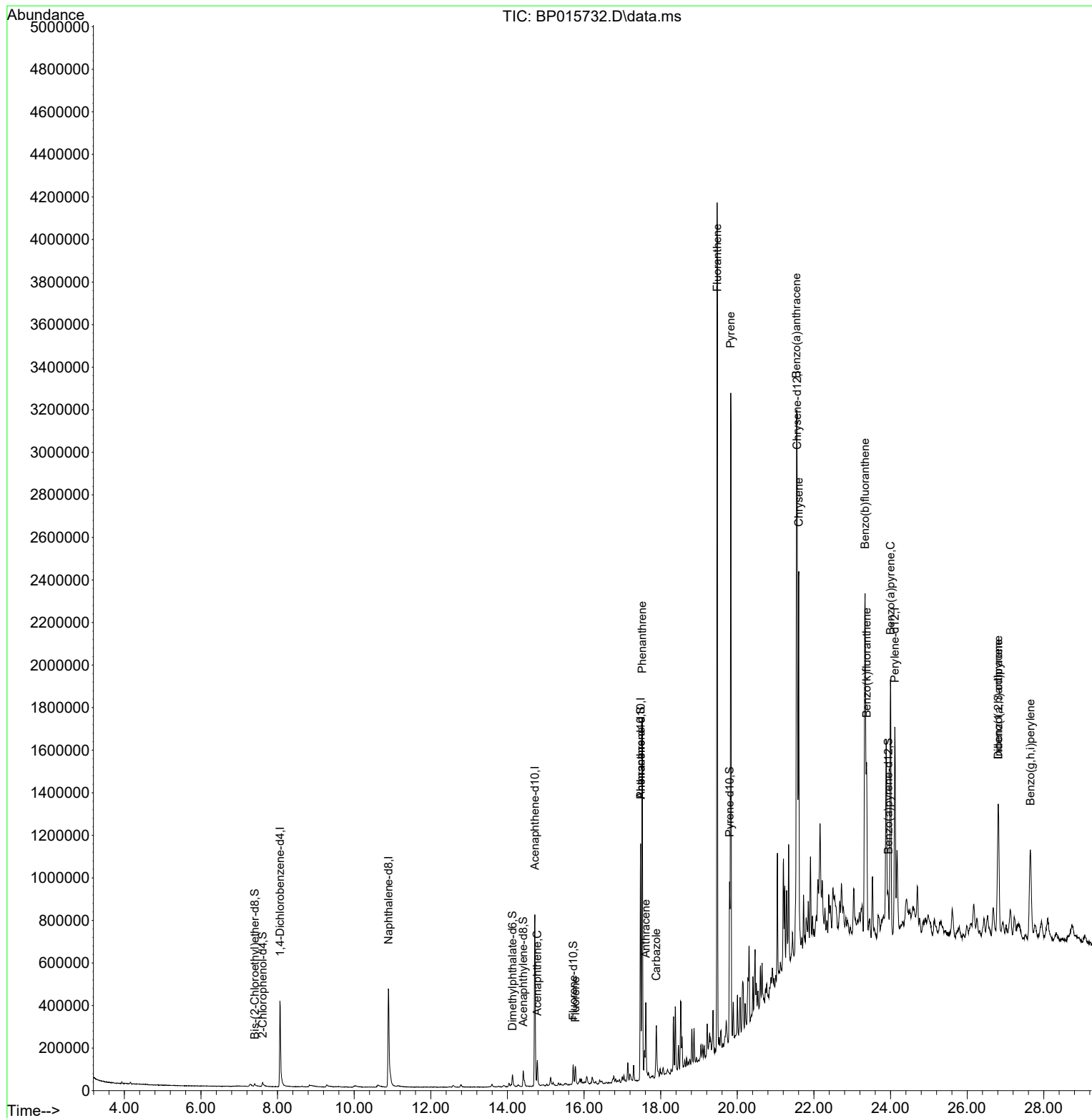
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	127146	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	488919	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	294145	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	641616	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	644488	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	789484	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	1007	0.285	ng/uL	0.00
4) Pyridine-d5	3.840	84	398	0.045	ng/ul	0.01
7) Phenol-d5	7.293	99	7045	0.648	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.405	67	8018	1.191	ng/ul	0.02
11) 2-Chlorophenol-d4	7.610	132	10498	1.278	ng/ul	0.02
15) 4-Methylphenol-d8	8.775	113	22	0.003	ng/ul	-0.01
21) Nitrobenzene-d5	9.287	128	3034	0.812	ng/ul	0.04
24) 2-Nitrophenol-d4	9.957	143	14	0.003	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.493	165	16	0.002	ng/ul	-0.03
31) 4-Chloroaniline-d4	11.128	131	3078	0.308	ng/ul	0.09
46) Dimethylphthalate-d6	14.134	166	43955	1.933	ng/ul	0.01
49) Acenaphthylene-d8	14.410	160	51903	2.031	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	104	0.035	ng/ul	0.00
60) Fluorene-d10	15.716	176	41194	2.201	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	17	0.004	ng/ul	-0.02
73) Anthracene-d10	17.475	188	641616	21.892	ng/ul	-0.10
81) Pyrene-d10	19.798	212	82192	1.953	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	90442	2.271	ng/ul	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.781	153	49221	2.521	ng/ul	95
61) Fluorene	15.775	166	44054	2.004	ng/ul	99
72) Phenanthrene	17.516	178	991806	28.454	ng/ul	100
74) Anthracene	17.610	178	236536	6.753	ng/ul	99
77) Carbazole	17.886	167	154855	5.246	ng/ul	99
80) Fluoranthene	19.474	202	2259400	43.199	ng/ul	100
82) Pyrene	19.827	202	1884347	35.319	ng/ul	99
85) Benzo(a)anthracene	21.545	228	1189802	26.244	ng/ul	98
87) Chrysene	21.604	228	1057281	24.580	ng/ul	97
90) Benzo(b)fluoranthene	23.333	252	1512185	29.810	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	495811	9.674	ng/ul	96
93) Benzo(a)pyrene	23.998	252	987534	22.279	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	701612	11.660	ng/ul	99
95) Dibenzo(a,h)anthracene	26.809	278	201020	4.067	ng/ul#	83
96) Benzo(g,h,i)perylene	27.651	276	613415	12.392	ng/ul	99

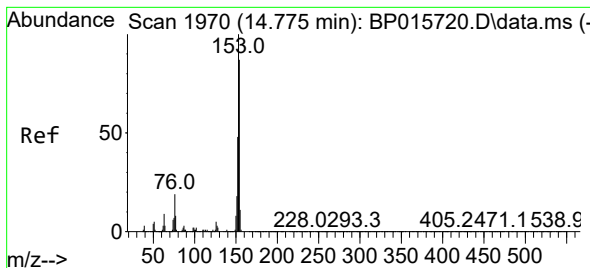
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Acenaphthene

Concen: 2.521 ng/ul

RT: 14.781 min Scan# 1970

Delta R.T. 0.006 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

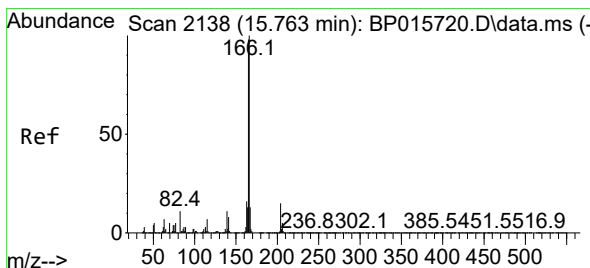
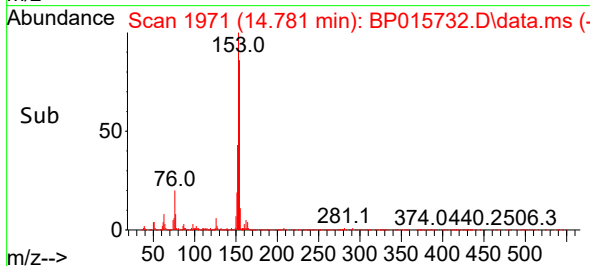
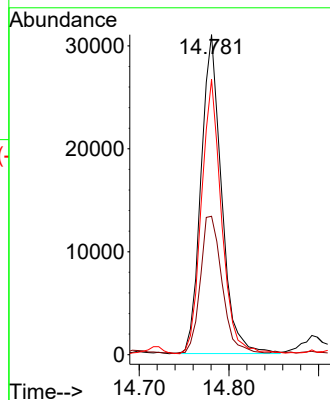
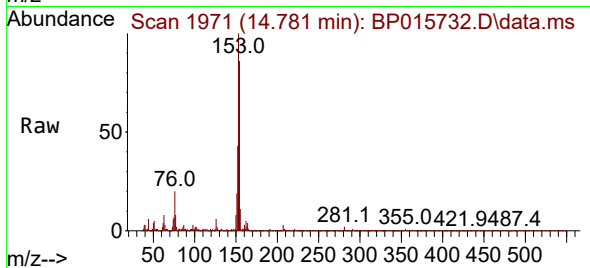
Tgt Ion:153 Resp: 49221

Ion Ratio Lower Upper

153 100

152 43.3 39.4 59.2

154 86.0 71.4 107.2



#61

Fluorene

Concen: 2.004 ng/ul

RT: 15.775 min Scan# 2140

Delta R.T. 0.012 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

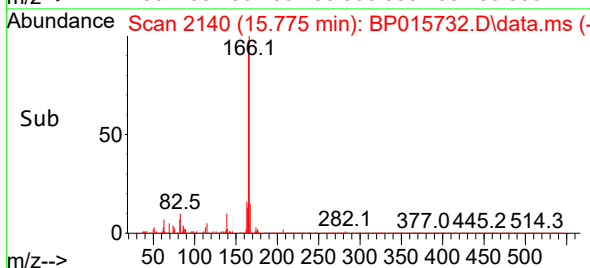
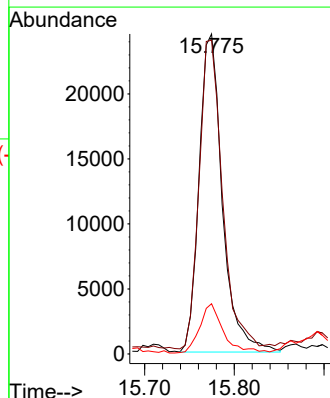
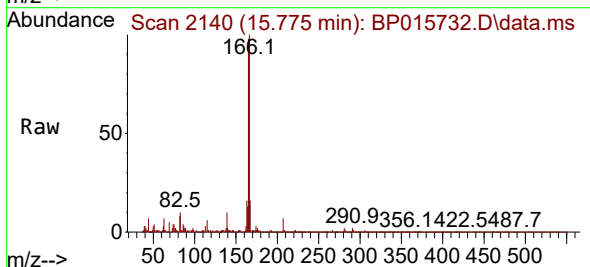
Tgt Ion:166 Resp: 44054

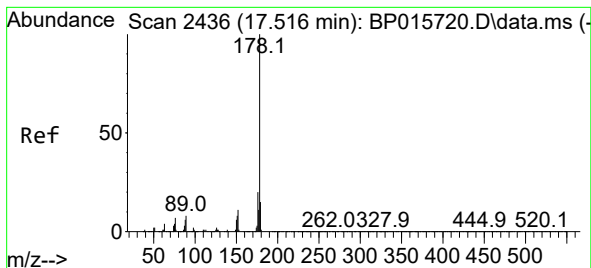
Ion Ratio Lower Upper

166 100

165 98.0 78.7 118.1

167 15.7 10.5 15.7





#72

Phenanthrene

Concen: 28.454 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

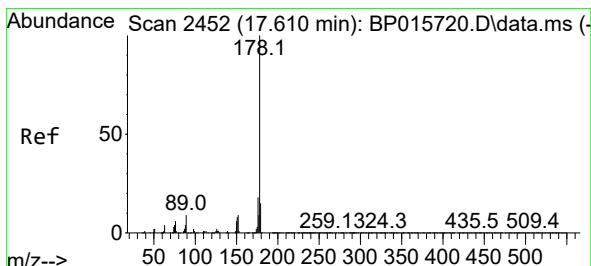
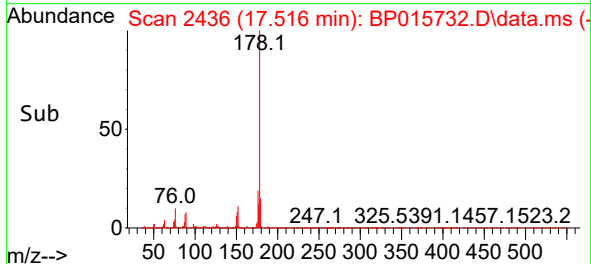
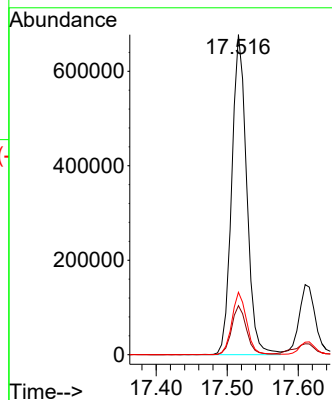
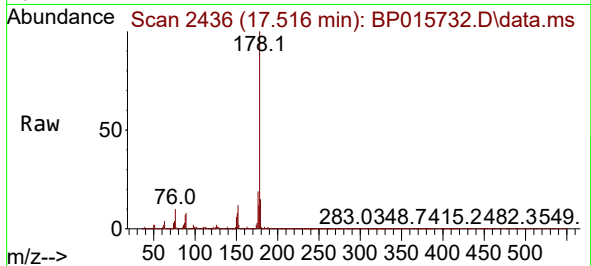
Tgt Ion:178 Resp: 991806

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.5 15.6 23.4



#74

Anthracene

Concen: 6.753 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

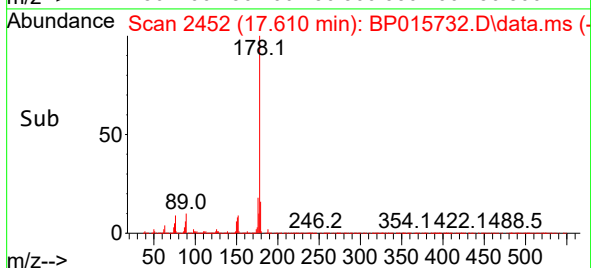
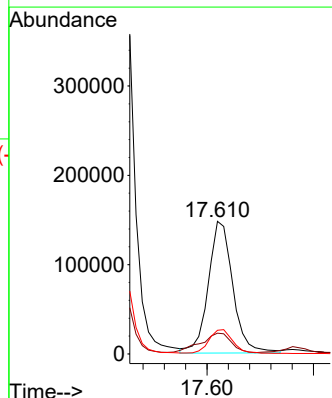
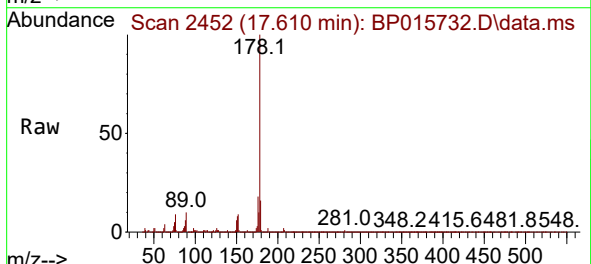
Tgt Ion:178 Resp: 236536

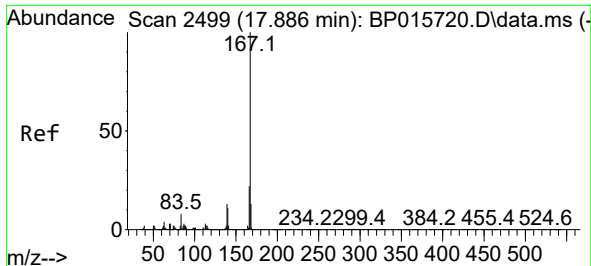
Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 17.9 14.6 22.0

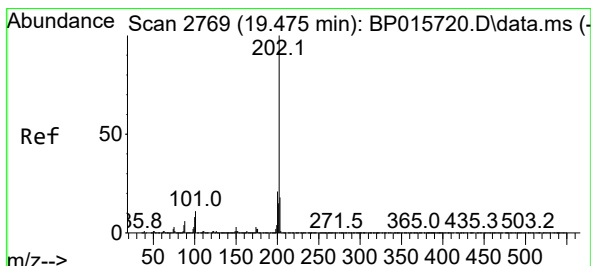
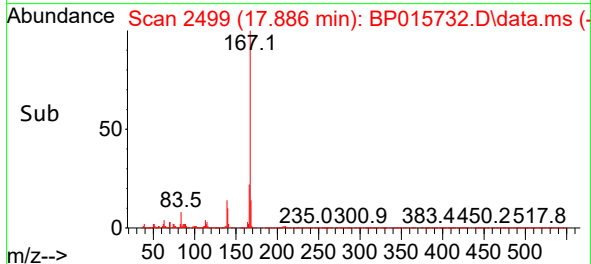
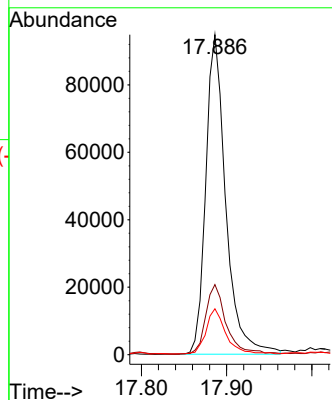
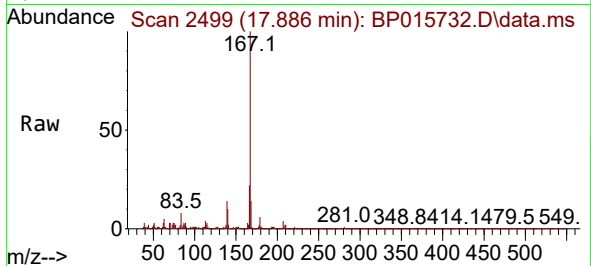




#77
 Carbazole
 Concen: 5.246 ng/ul
 RT: 17.886 min Scan# 2499
 Delta R.T. -0.000 min
 Lab File: BP015732.D
 Acq: 27 Jun 2023 01:13

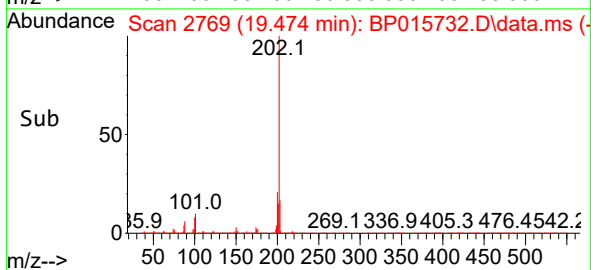
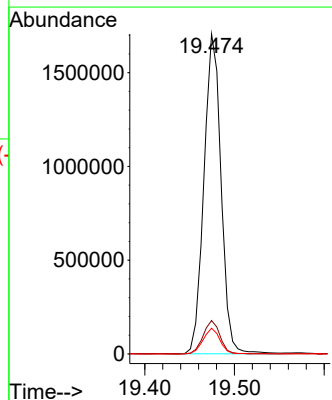
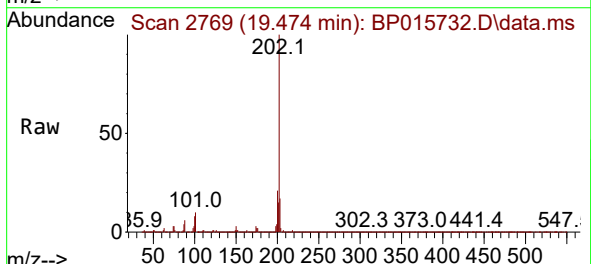
Instrument :
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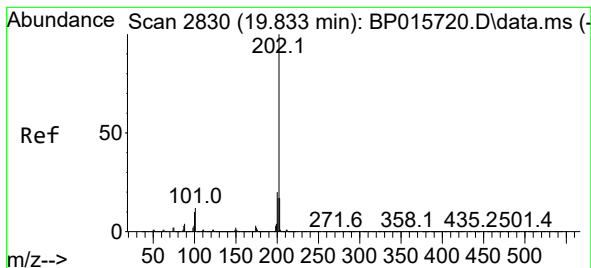
Tgt Ion:167 Resp: 154855
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.4 11.0 16.4



#80
 Fluoranthene
 Concen: 43.199 ng/ul
 RT: 19.474 min Scan# 2769
 Delta R.T. -0.000 min
 Lab File: BP015732.D
 Acq: 27 Jun 2023 01:13

Tgt Ion:202 Resp: 2259400
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.3 12.5
 100 8.1 6.6 9.8





#82

Pyrene

Concen: 35.319 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

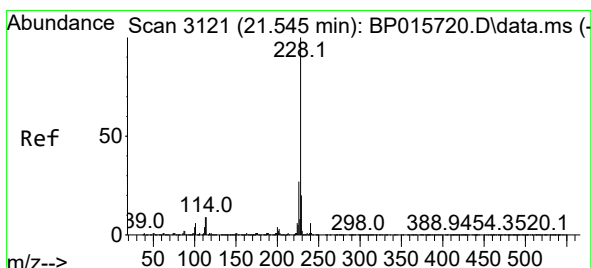
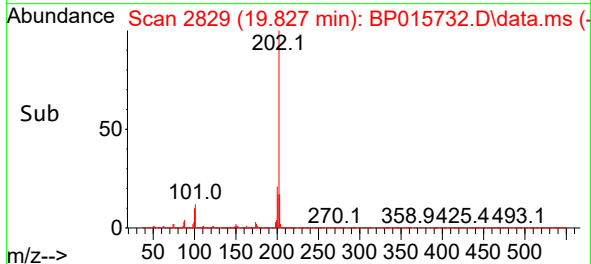
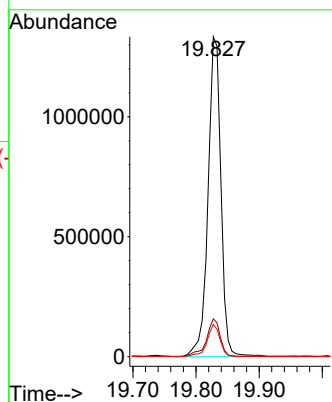
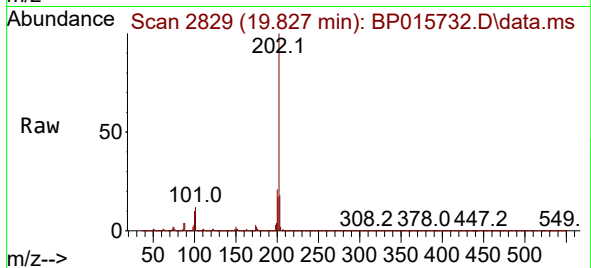
Tgt Ion:202 Resp: 1884347

Ion Ratio Lower Upper

202 100

101 11.8 9.3 13.9

100 10.1 7.6 11.4



#85

Benzo(a)anthracene

Concen: 26.244 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

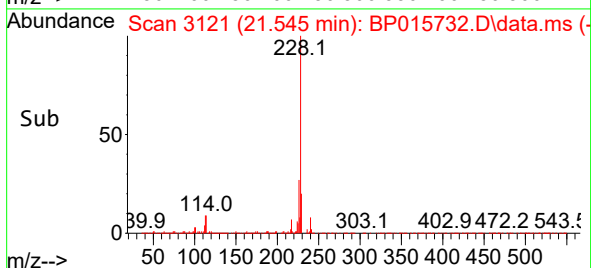
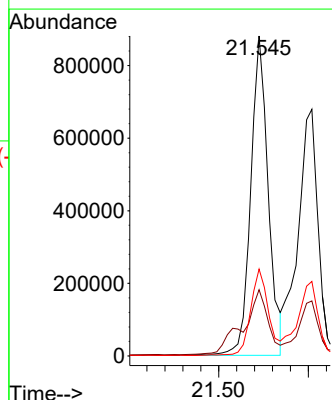
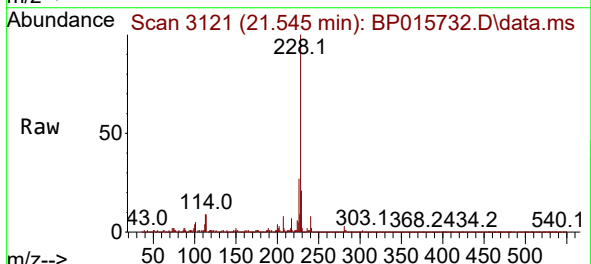
Tgt Ion:228 Resp: 1189802

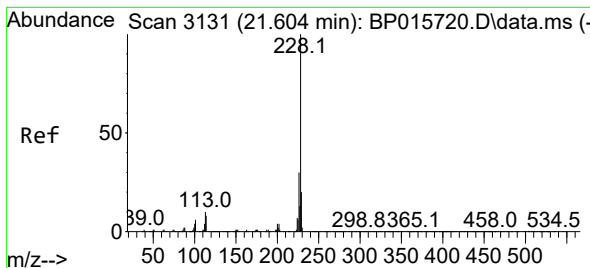
Ion Ratio Lower Upper

228 100

229 20.7 15.3 22.9

226 27.2 21.4 32.0





#87

Chrysene

Concen: 24.580 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

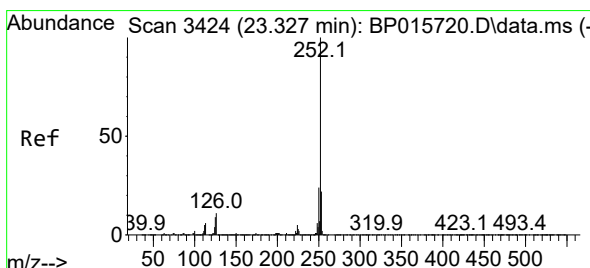
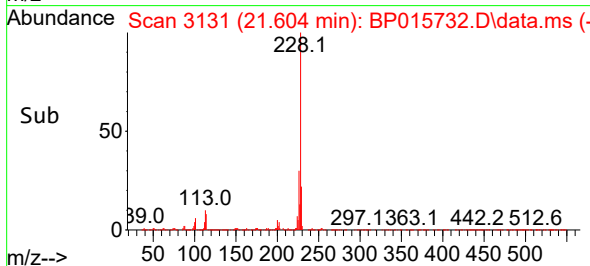
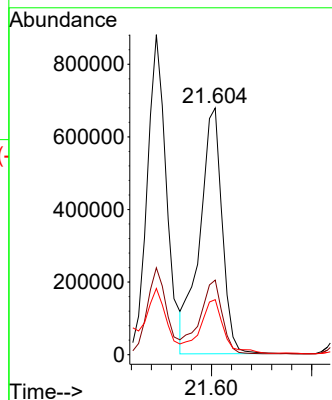
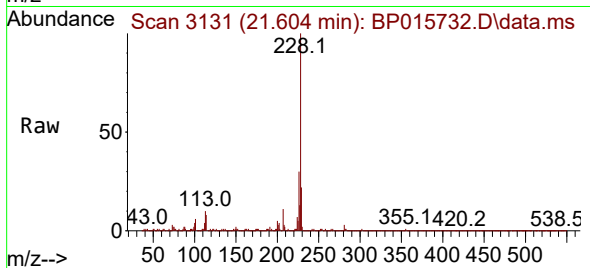
Tgt Ion:228 Resp: 1057281

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 22.3 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 29.810 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. 0.006 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

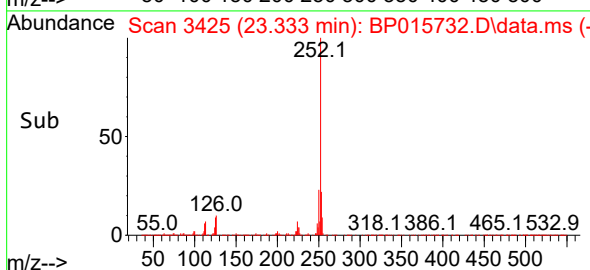
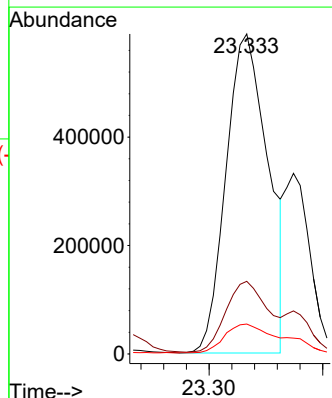
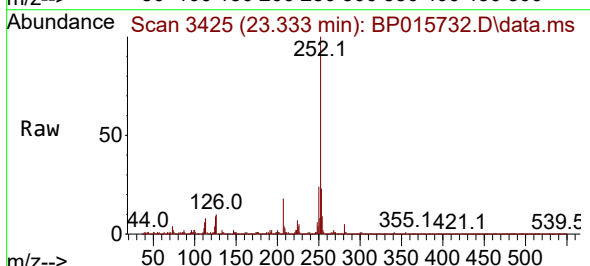
Tgt Ion:252 Resp: 1512185

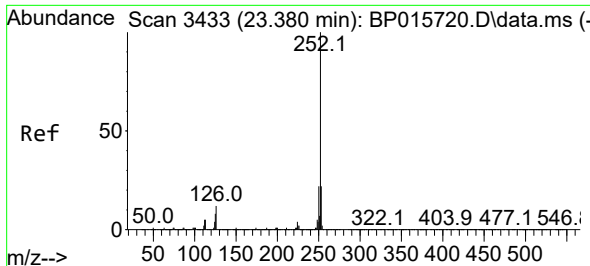
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 9.4 7.5 11.3

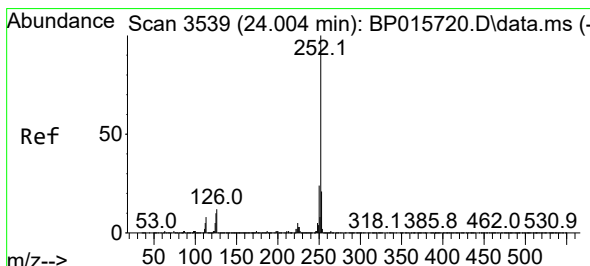
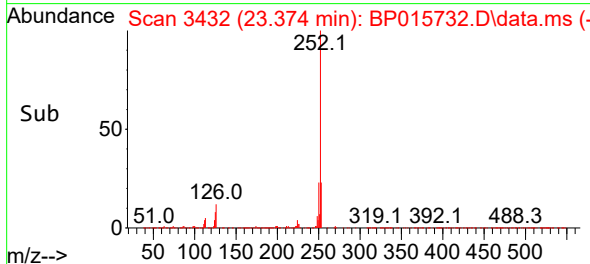
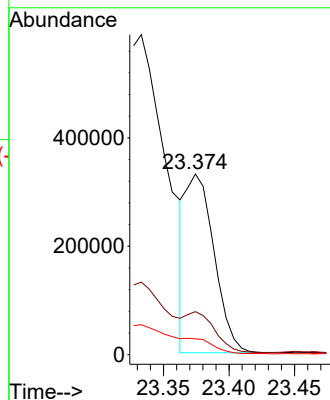
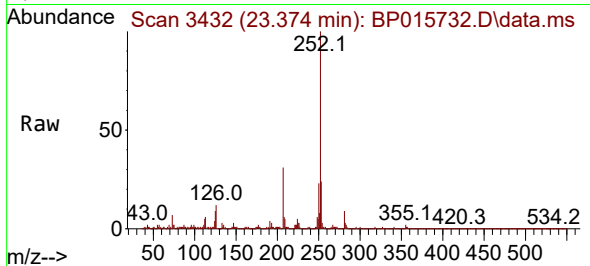




#91
Benzo(k)fluoranthene
Concen: 9.674 ng/ul
RT: 23.374 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

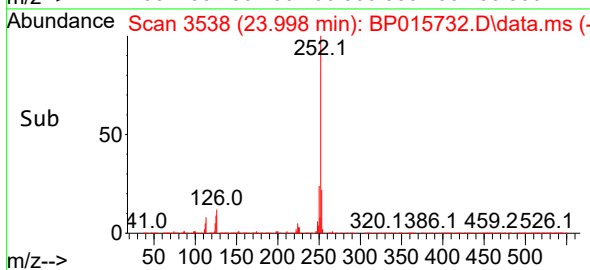
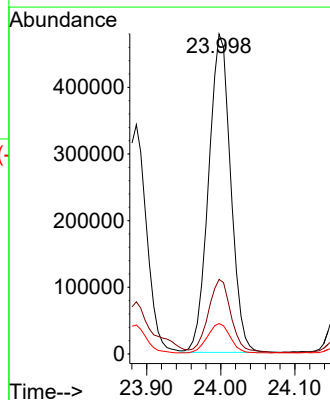
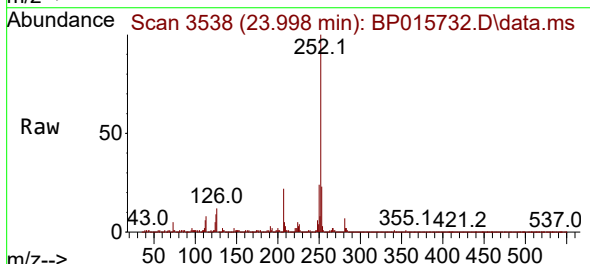
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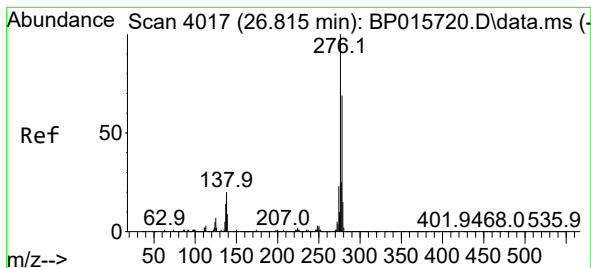
Tgt Ion:252 Resp: 495811
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 8.8 7.3 10.9



#93
Benzo(a)pyrene
Concen: 22.279 ng/ul
RT: 23.998 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP015732.D
Acq: 27 Jun 2023 01:13

Tgt Ion:252 Resp: 987534
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.5 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.660 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

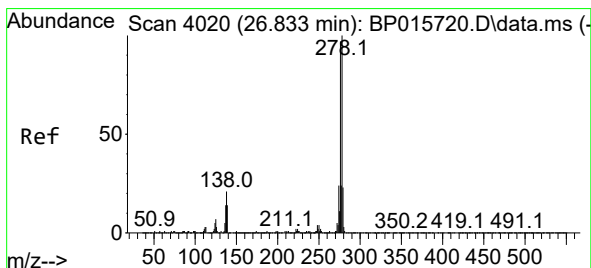
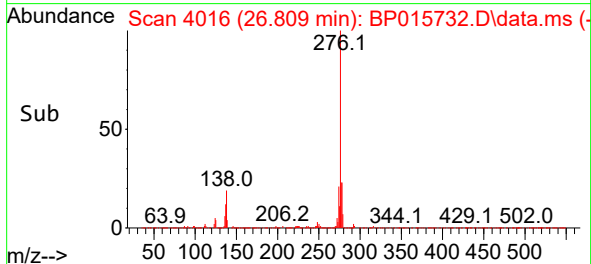
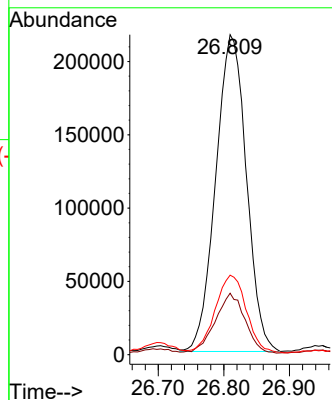
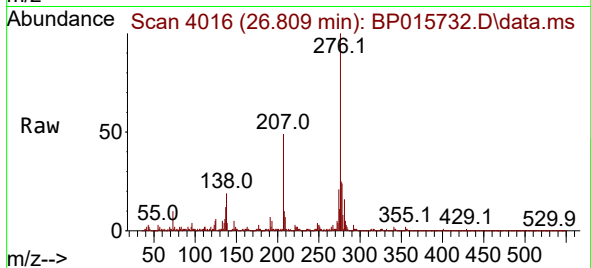
Tgt Ion:276 Resp: 701612

Ion Ratio Lower Upper

276 100

138 19.2 15.7 23.5

277 24.9 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 4.067 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.018 min

Lab File: BP015732.D

Acq: 27 Jun 2023 01:13

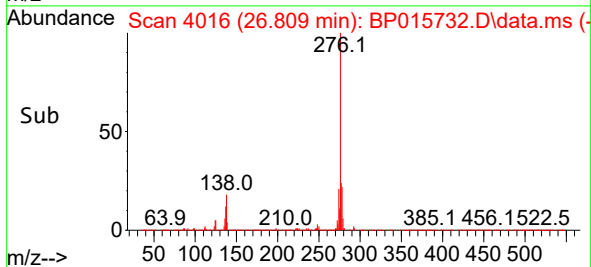
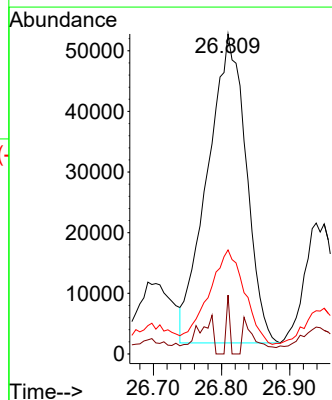
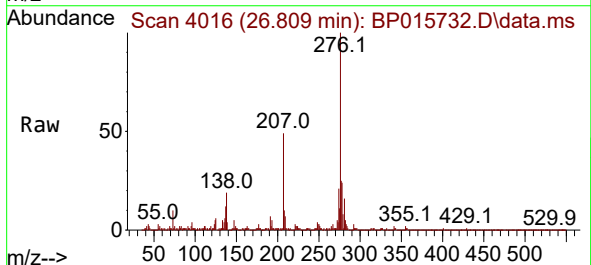
Tgt Ion:278 Resp: 201020

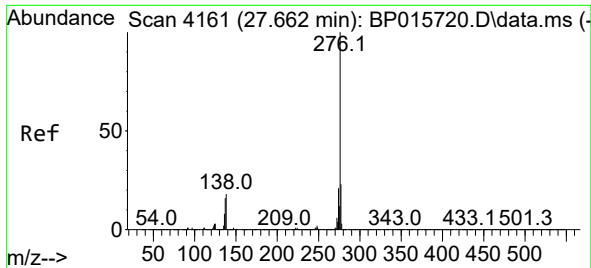
Ion Ratio Lower Upper

278 100

139 18.4 10.5 15.7#

279 32.5 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 12.392 ng/ul
 RT: 27.651 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP015732.D
 Acq: 27 Jun 2023 01:13

Instrument :
 BNA_P
 ClientSampleId :
 DCFL2DL

Tgt Ion:276 Resp: 613415
 Ion Ratio Lower Upper
 276 100
 138 19.6 15.1 22.7
 277 23.6 18.8 28.2

