

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015955.D
 Acq On : 03 Jul 2023 17:22
 Operator : MA/JU
 Sample : 03245-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH6

Quant Time: Jul 03 22:09:59 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	8.046	152	266171	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1173927	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	710003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1411149	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	903729	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	1049343	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	19218	2.598	ng/uL	0.00
4) Pyridine-d5	3.822	84	200	0.011	ng/ul	0.00
7) Phenol-d5	7.246	99	346589	15.219	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	246389	17.487	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	291658	16.965	ng/ul	0.01
15) 4-Methylphenol-d8	8.804	113	250194	13.907	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	141923	15.819	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	153651	14.674	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	252665	13.541	ng/ul	0.05
31) 4-Chloroaniline-d4	11.093	131	54500	2.274	ng/ul	0.06
46) Dimethylphthalate-d6	14.110	166	904345	16.479	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1028533	16.673	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	384	0.053	ng/ul	-0.03
60) Fluorene-d10	15.692	176	765516	16.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	83849	9.662	ng/ul	0.02
73) Anthracene-d10	17.563	188	1055728	16.378	ng/ul	0.00
81) Pyrene-d10	19.780	212	1040245	17.628	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	897797	16.961	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.452	93	28446	1.513	ng/ul#	24
16) Acetophenone	8.910	105	96955	3.278	ng/ul	98
30) Naphthalene	10.928	128	64667	1.013	ng/ul#	96
50) Acenaphthylene	14.428	152	103118	1.517	ng/ul	98
52) Acenaphthene	14.763	153	60544	1.284	ng/ul	94
61) Fluorene	15.757	166	63180	1.190	ng/ul	95
72) Phenanthrene	17.504	178	1683040	21.954	ng/ul	99
74) Anthracene	17.598	178	366360	4.756	ng/ul	97
77) Carbazole	17.880	167	220837	3.401	ng/ul	99
80) Fluoranthene	19.457	202	3539687	48.264	ng/ul#	93
82) Pyrene	19.816	202	2891608	38.652	ng/ul#	92
85) Benzo(a)anthracene	21.527	228	1418996	22.321	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	278036	6.629	ng/ul	98
87) Chrysene	21.586	228	1507313	24.991	ng/ul	97
89) Di-n-octyl phthalate	22.374	149	281396	3.669	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2200196	32.632	ng/ul#	95
91) Benzo(k)fluoranthene	23.310	252	2200196	32.297	ng/ul#	94
93) Benzo(a)pyrene	23.980	252	1469181	24.937	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	1175183	14.694	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.780	278	307241	4.677	ng/ul#	76
96) Benzo(g,h,i)perylene	27.627	276	1056639	16.059	ng/ul#	94

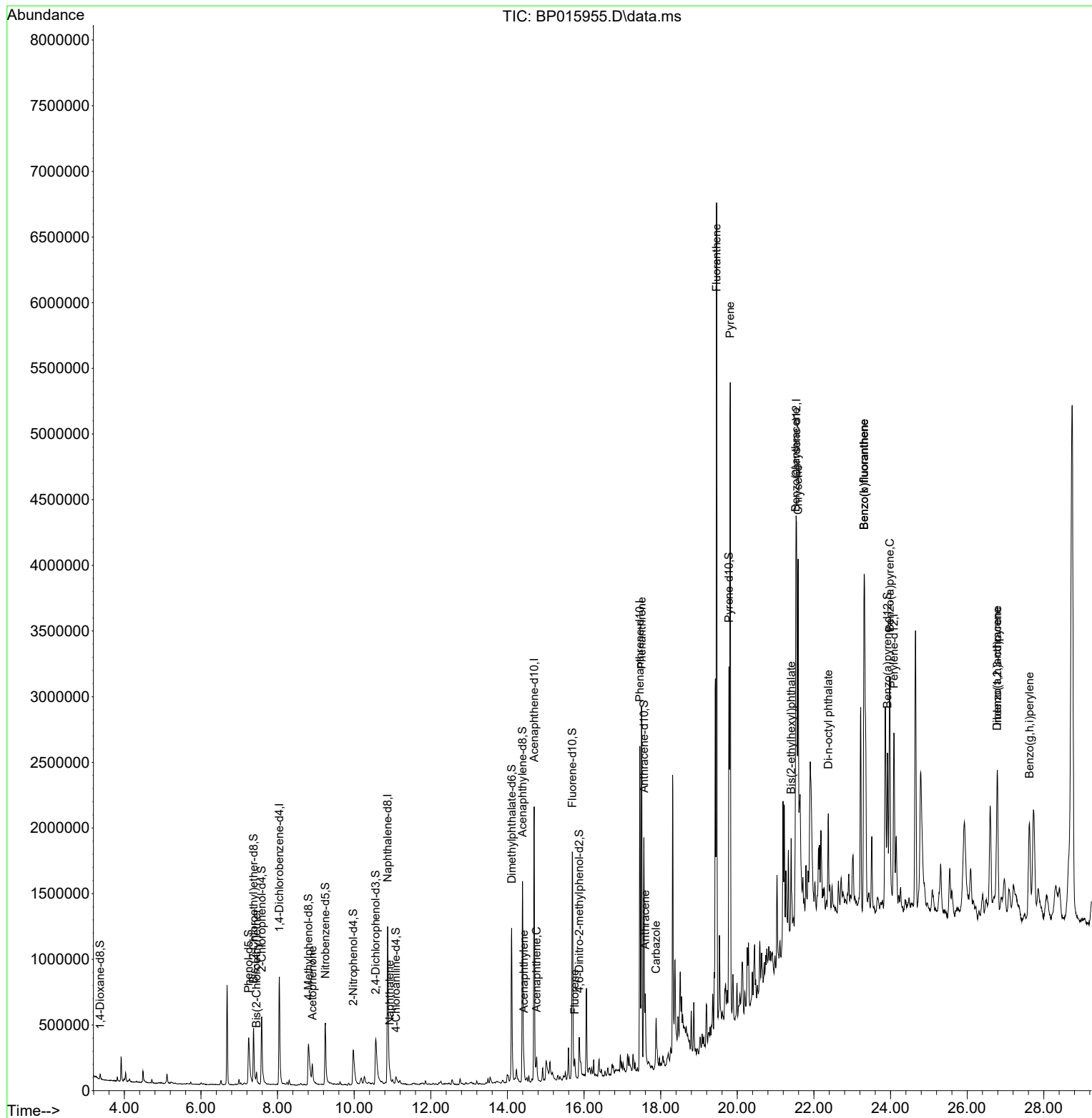
(#) = qualifier out of range (m) = manual integration (+) = signals summed

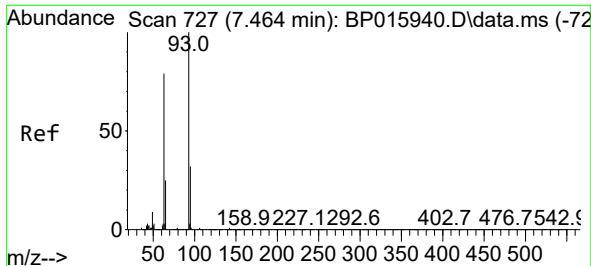
Instrument :
BNA_P
ClientSampleId :
DCGH6

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015955.D
 Acq On : 03 Jul 2023 17:22
 Operator : MA/JU
 Sample : 03245-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH6

Quant Time: Jul 03 22:09:59 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

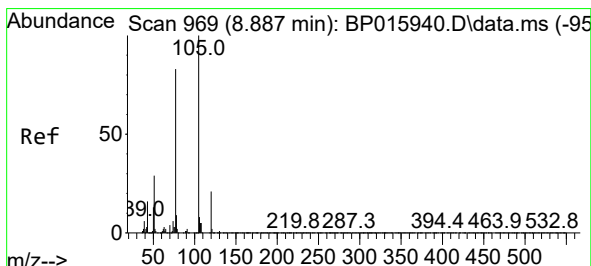
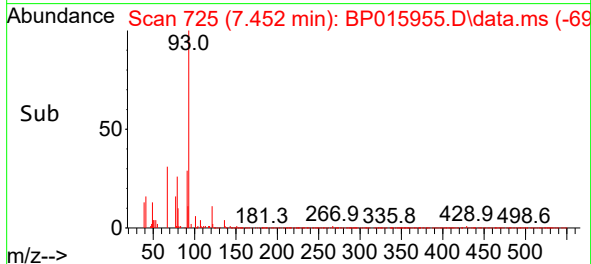
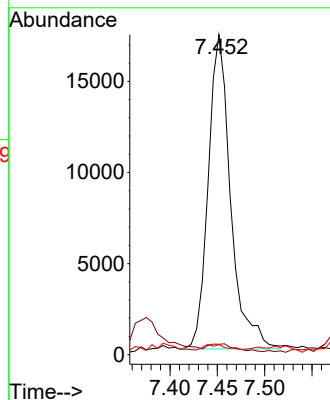
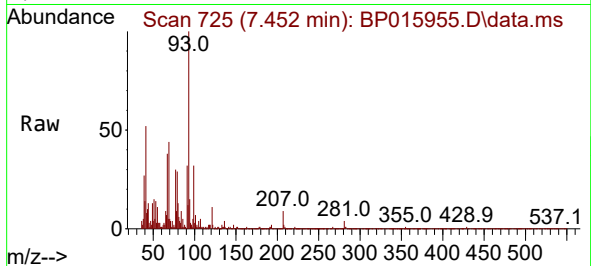




#10
Bis(2-Chloroethyl)ether
Concen: 1.513 ng/ul
RT: 7.452 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

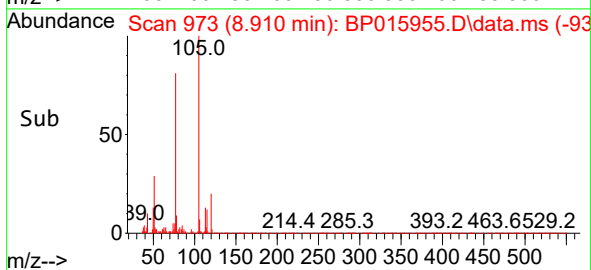
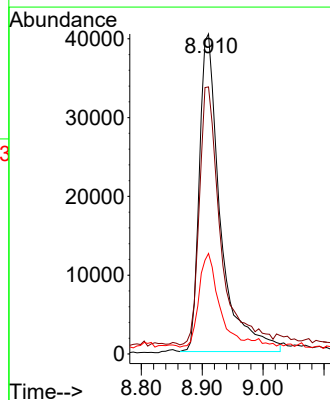
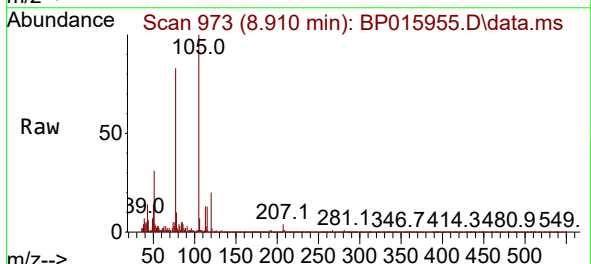
Instrument :
BNA_P
ClientSampleId :
DCGH6

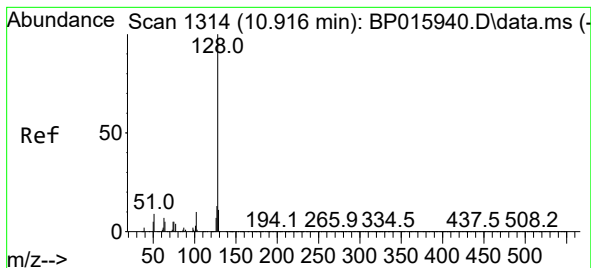
Tgt Ion: 93 Resp: 28446
Ion Ratio Lower Upper
93 100
63 3.2 62.8 94.2#
95 3.2 25.6 38.4#



#16
Acetophenone
Concen: 3.278 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. 0.024 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

Tgt Ion:105 Resp: 96955
Ion Ratio Lower Upper
105 100
77 83.4 65.0 97.4
51 31.4 25.1 37.7





#30

Naphthalene

Concen: 1.013 ng/ul

RT: 10.928 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Instrument :

BNA_P

ClientSampleId :

DCGH6

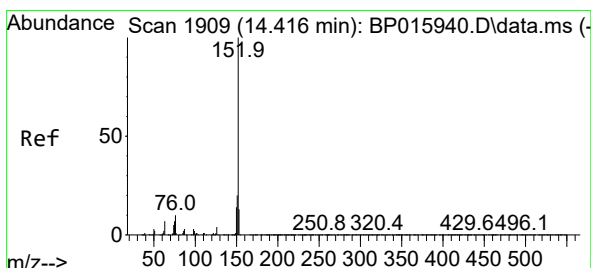
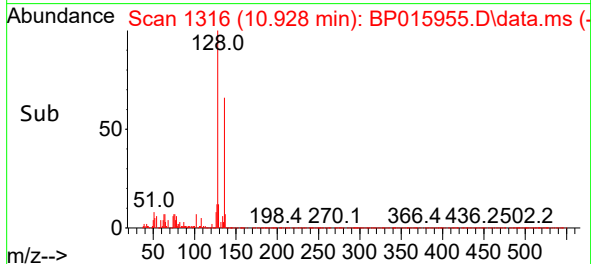
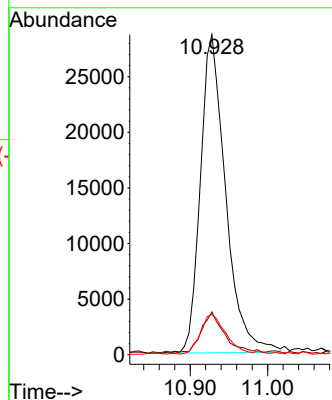
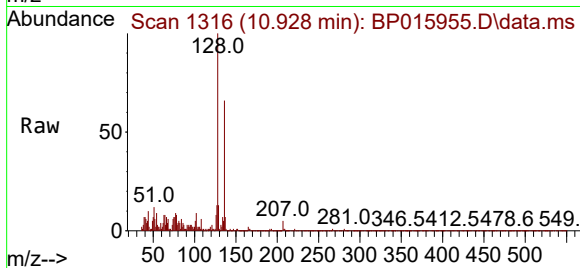
Tgt Ion:128 Resp: 64667

Ion Ratio Lower Upper

128 100

129 13.4 8.6 12.8#

127 12.6 10.3 15.5



#50

Acenaphthylene

Concen: 1.517 ng/ul

RT: 14.428 min Scan# 1911

Delta R.T. 0.006 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

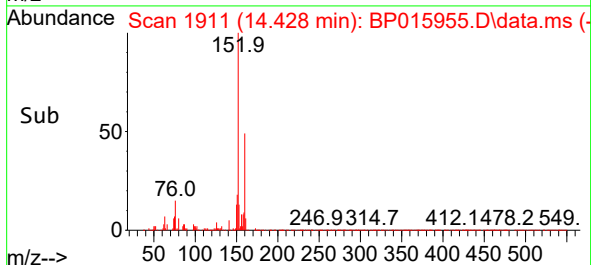
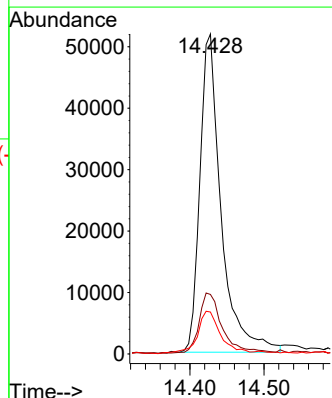
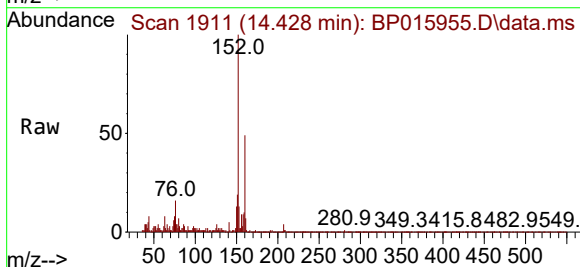
Tgt Ion:152 Resp: 103118

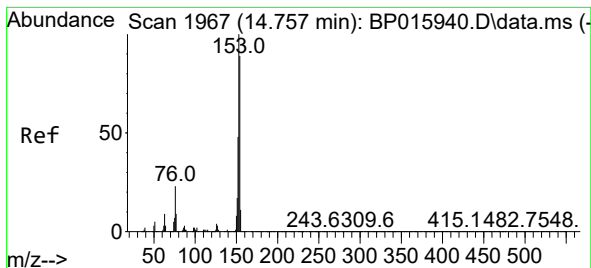
Ion Ratio Lower Upper

152 100

151 18.6 16.2 24.2

153 13.1 10.5 15.7





#52

Acenaphthene

Concen: 1.284 ng/ul

RT: 14.763 min Scan# 1967

Delta R.T. 0.006 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Instrument :

BNA_P

ClientSampleId :

DCGH6

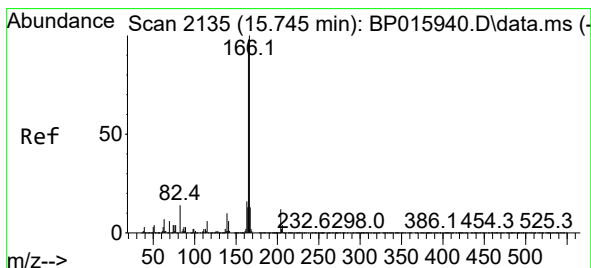
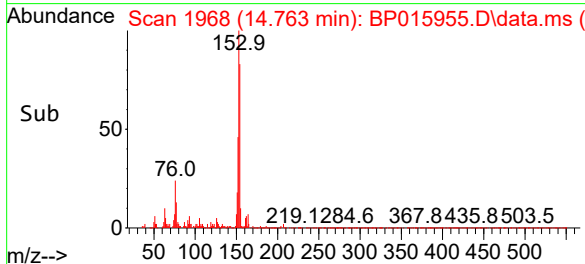
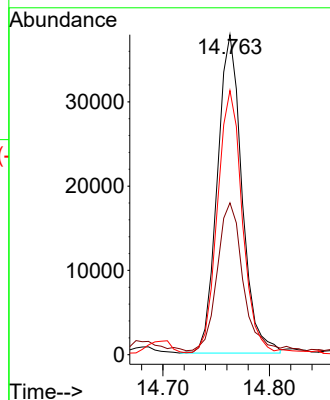
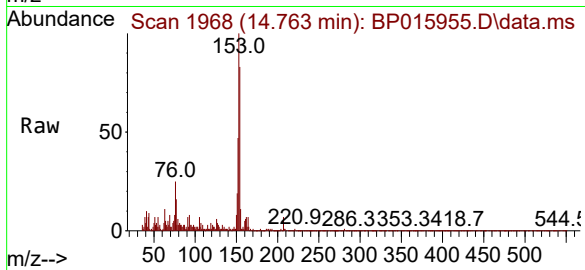
Tgt Ion:153 Resp: 60544

Ion Ratio Lower Upper

153 100

152 47.5 39.4 59.2

154 82.6 71.4 107.2



#61

Fluorene

Concen: 1.190 ng/ul

RT: 15.757 min Scan# 2137

Delta R.T. 0.012 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

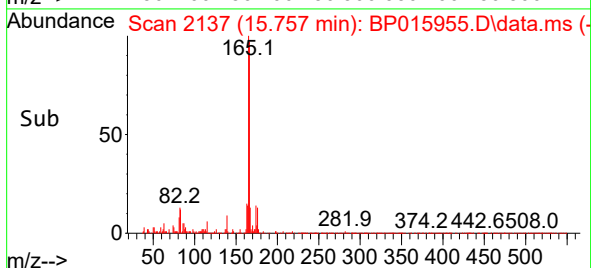
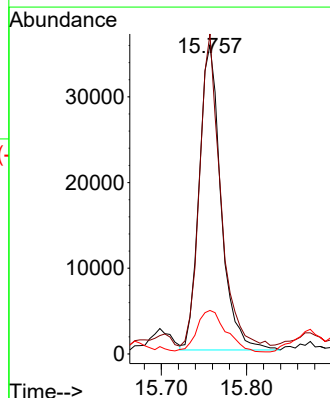
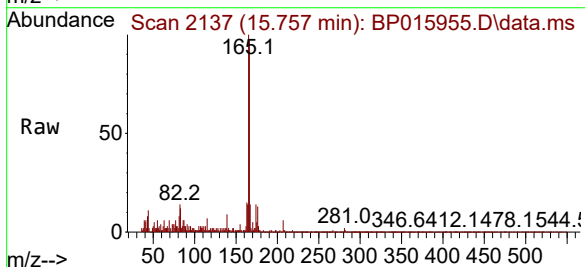
Tgt Ion:166 Resp: 63180

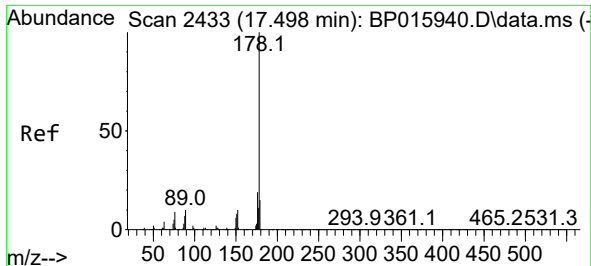
Ion Ratio Lower Upper

166 100

165 103.5 78.7 118.1

167 14.1 10.5 15.7

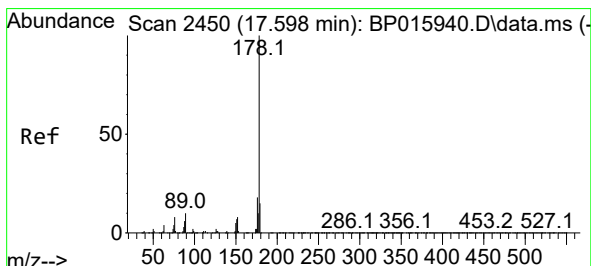
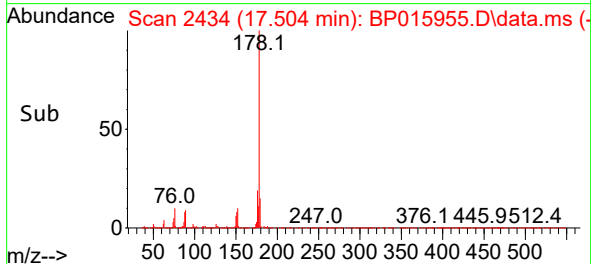
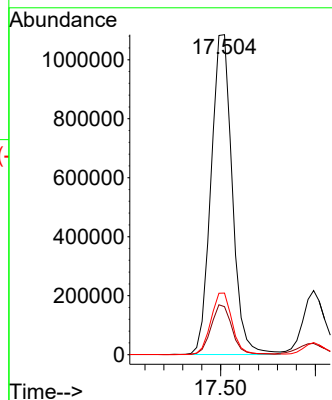
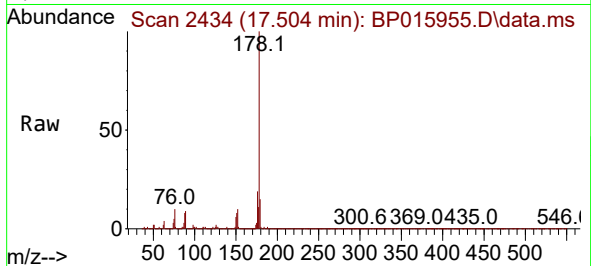




#72
Phenanthrene
Concen: 21.954 ng/ul
RT: 17.504 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

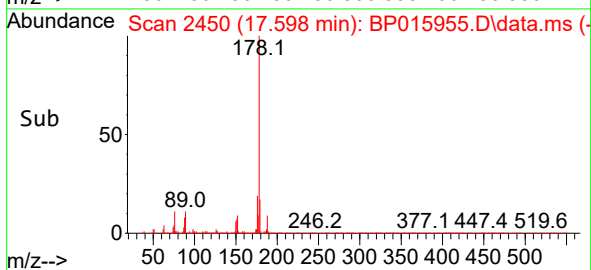
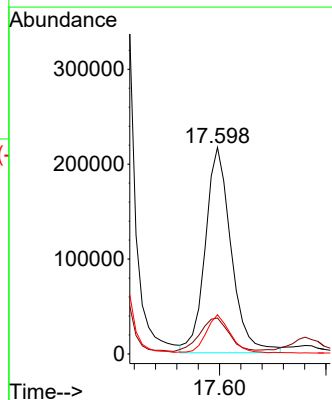
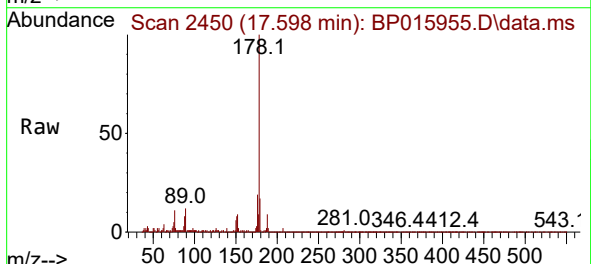
Instrument :
BNA_P
ClientSampleId :
DCGH6

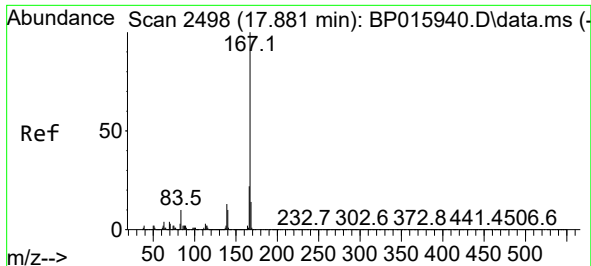
Tgt Ion:178 Resp: 1683040
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 19.2 15.6 23.4



#74
Anthracene
Concen: 4.756 ng/ul
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

Tgt Ion:178 Resp: 366360
Ion Ratio Lower Upper
178 100
179 17.4 12.1 18.1
176 19.0 14.6 22.0

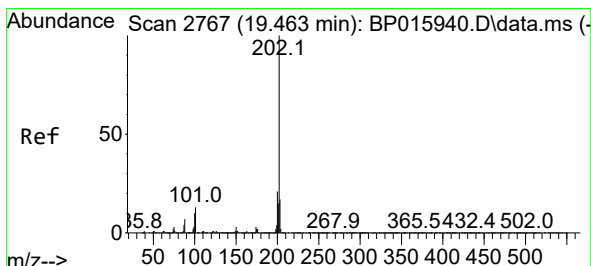
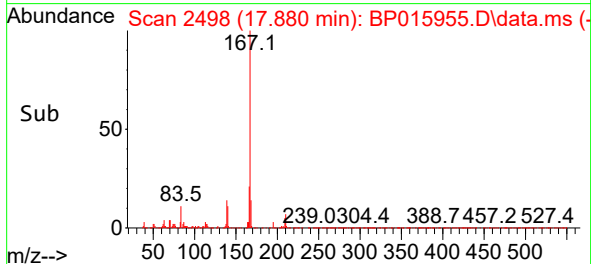
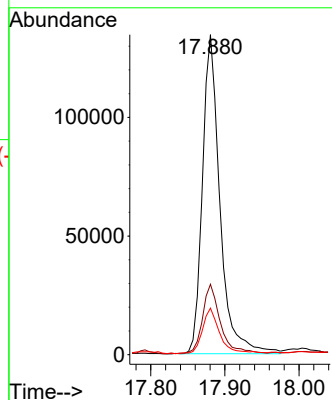
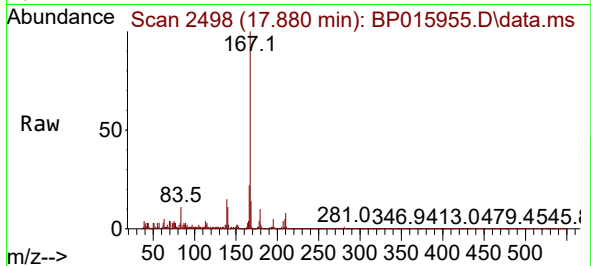




#77
 Carbazole
 Concen: 3.401 ng/ul
 RT: 17.880 min Scan# 2498
 Delta R.T. 0.006 min
 Lab File: BP015955.D
 Acq: 03 Jul 2023 17:22

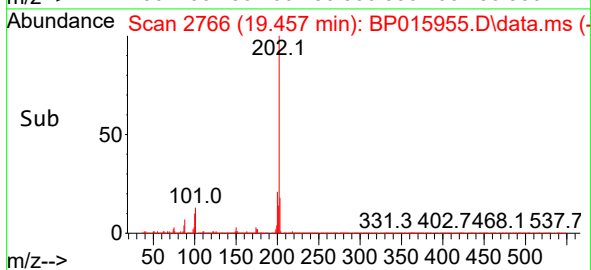
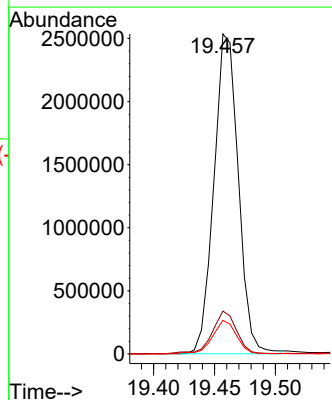
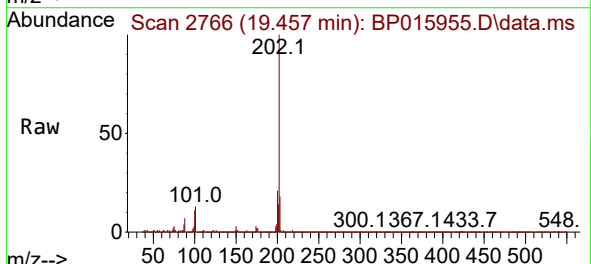
Instrument :
 BNA_P
 ClientSampleId :
 DCGH6

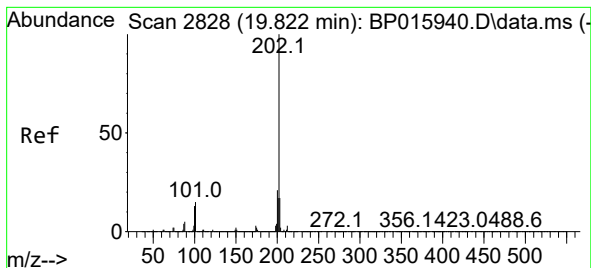
Tgt Ion:167 Resp: 220837
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 14.6 11.0 16.4



#80
 Fluoranthene
 Concen: 48.264 ng/ul
 RT: 19.457 min Scan# 2766
 Delta R.T. -0.006 min
 Lab File: BP015955.D
 Acq: 03 Jul 2023 17:22

Tgt Ion:202 Resp: 3539687
 Ion Ratio Lower Upper
 202 100
 101 13.4 8.3 12.5#
 100 10.5 6.6 9.8#





#82

Pyrene

Concen: 38.652 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Instrument :

BNA_P

ClientSampleId :

DCGH6

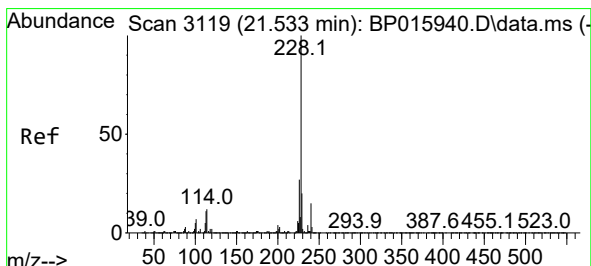
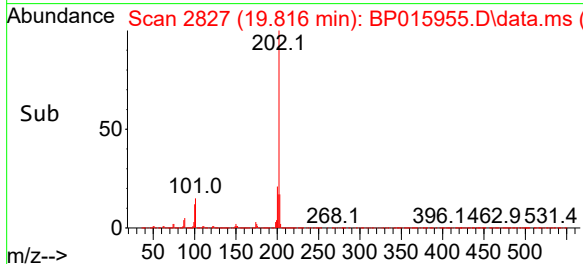
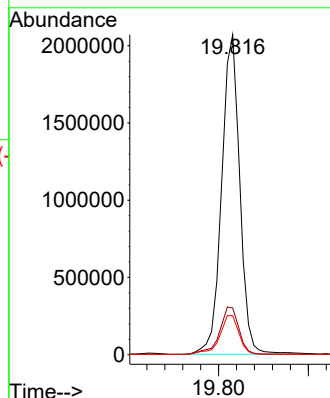
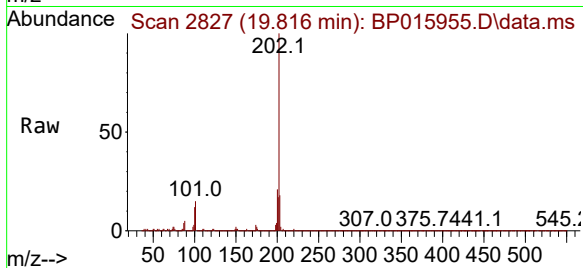
Tgt Ion:202 Resp: 2891608

Ion Ratio Lower Upper

202 100

101 14.6 9.3 13.9#

100 12.1 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 22.321 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

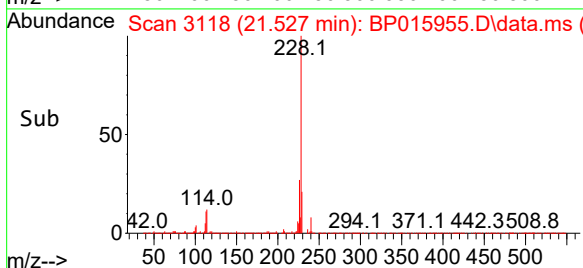
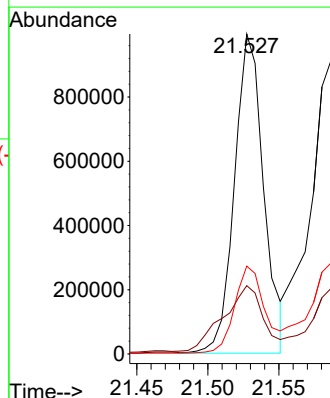
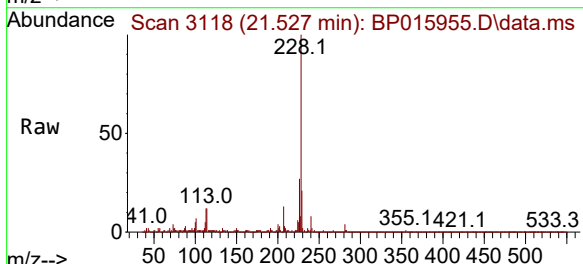
Tgt Ion:228 Resp: 1418996

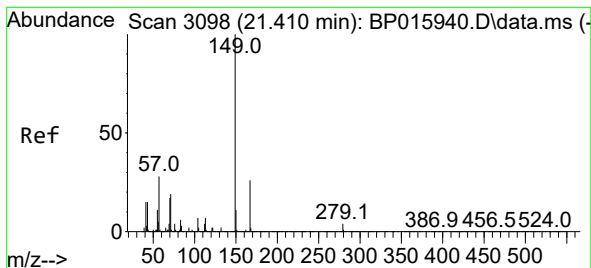
Ion Ratio Lower Upper

228 100

229 21.3 15.3 22.9

226 27.4 21.4 32.0

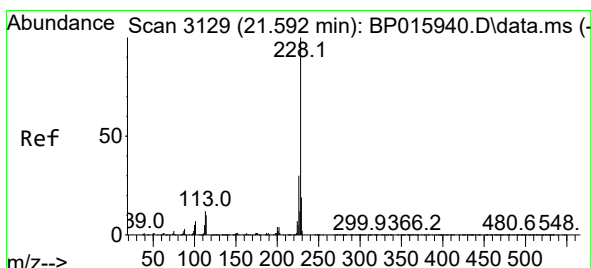
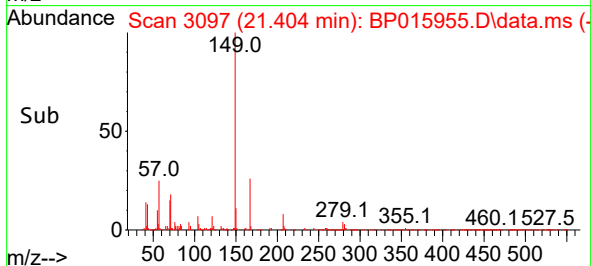
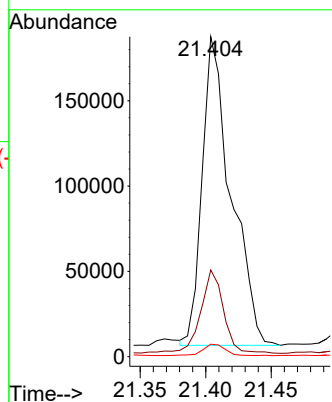
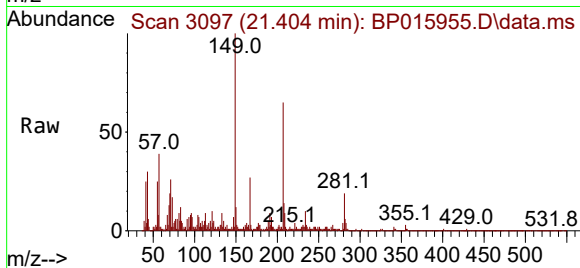




#86
Bis(2-ethylhexyl)phthalate
Concen: 6.629 ng/ul
RT: 21.404 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

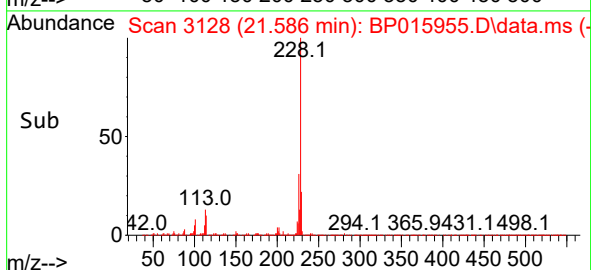
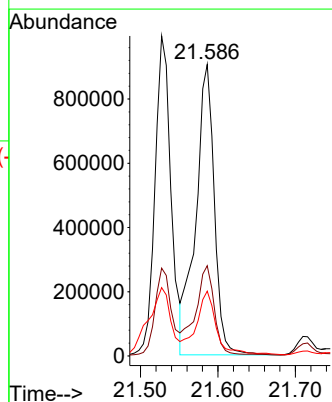
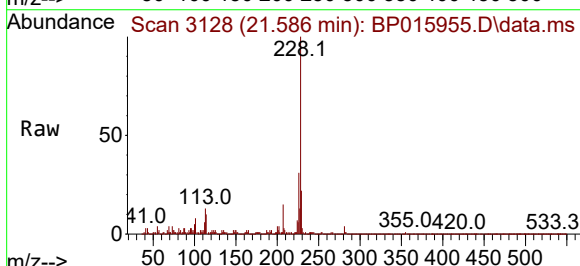
Instrument :
BNA_P
ClientSampleId :
DCGH6

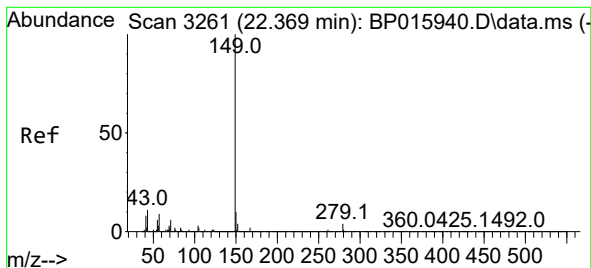
Tgt Ion:149 Resp: 278036
Ion Ratio Lower Upper
149 100
167 27.1 21.0 31.6
279 3.9 3.8 5.6



#87
Chrysene
Concen: 24.991 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

Tgt Ion:228 Resp: 1507313
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.2 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 3.669 ng/ul

RT: 22.374 min Scan# 3261

Delta R.T. 0.006 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

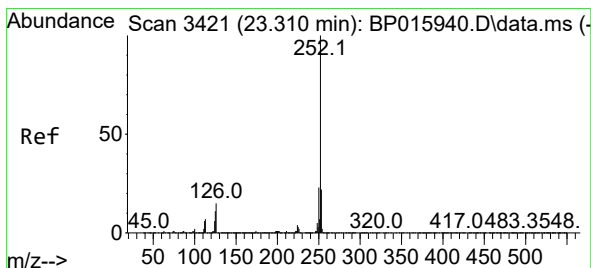
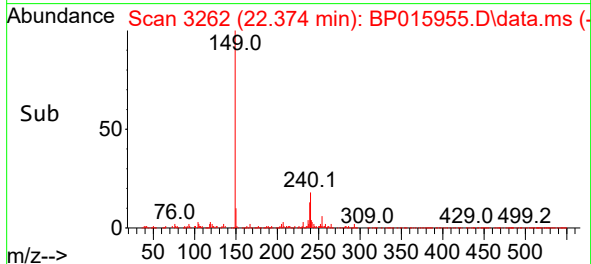
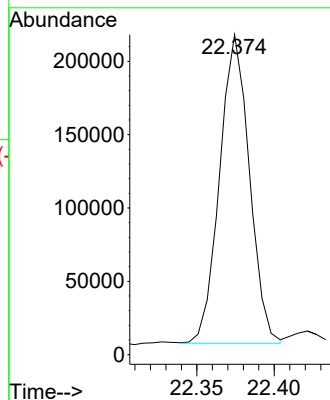
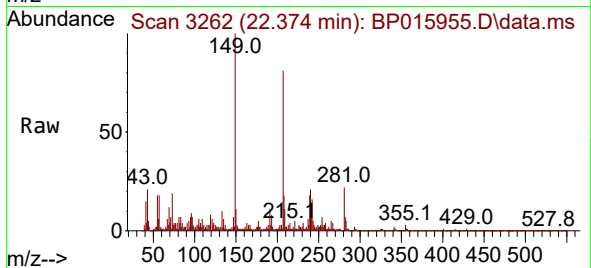
Instrument :

BNA_P

ClientSampleId :

DCGH6

Tgt Ion:149 Resp: 281396



#90

Benzo(b)fluoranthene

Concen: 32.632 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

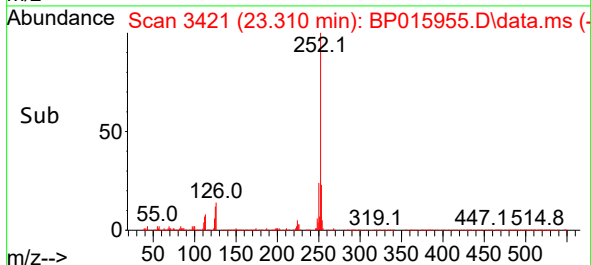
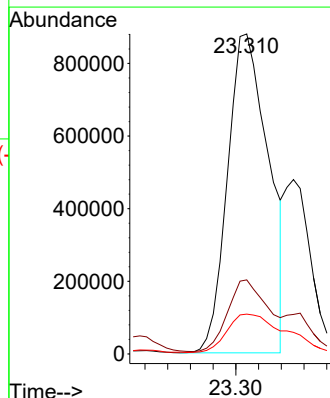
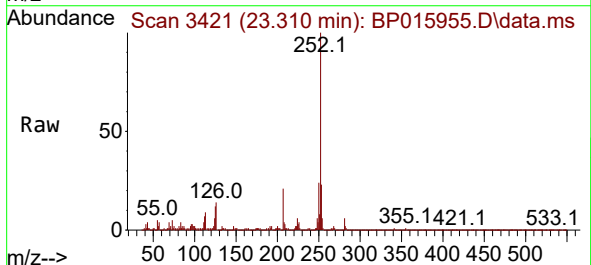
Tgt Ion:252 Resp: 2200196

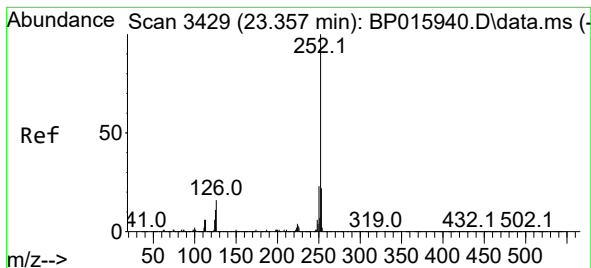
Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

125 12.5 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 32.297 ng/ul

RT: 23.310 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Instrument :

BNA_P

ClientSampleId :

DCGH6

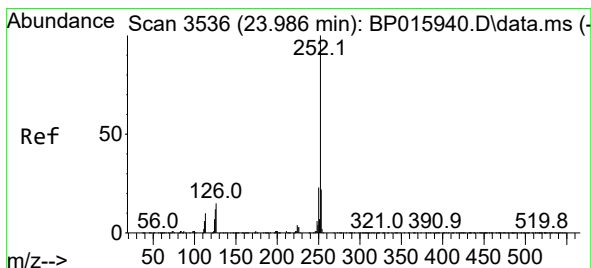
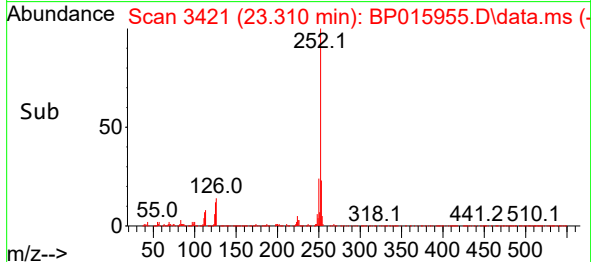
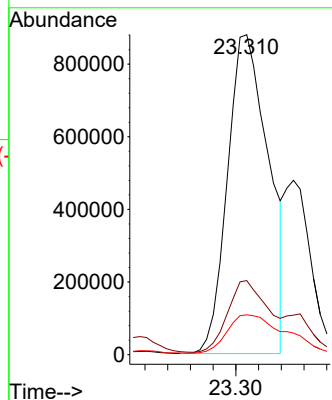
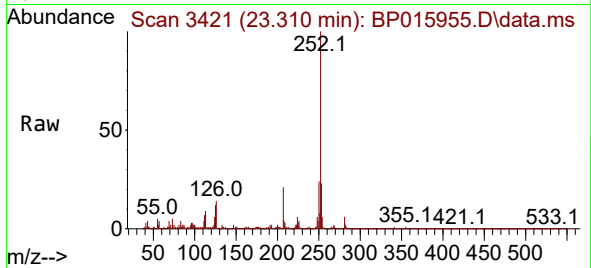
Tgt Ion:252 Resp: 2200196

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.4

125 12.5 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 24.937 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

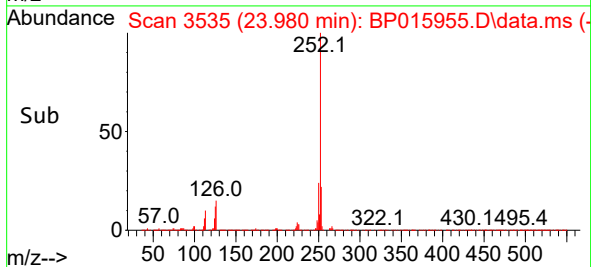
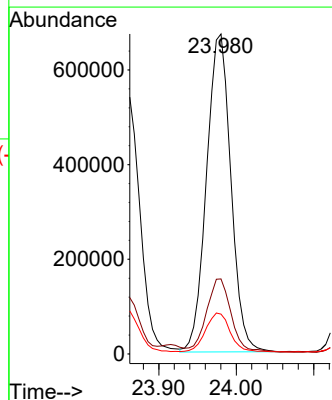
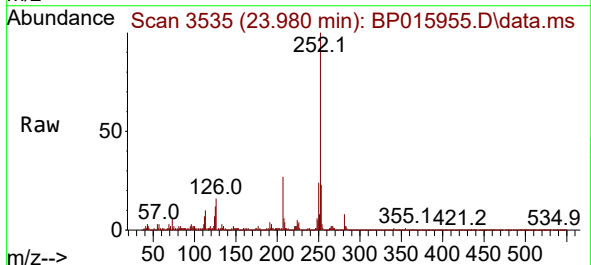
Tgt Ion:252 Resp: 1469181

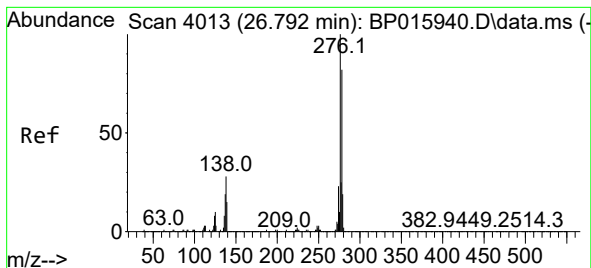
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 12.5 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 14.694 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Instrument :

BNA_P

ClientSampleId :

DCGH6

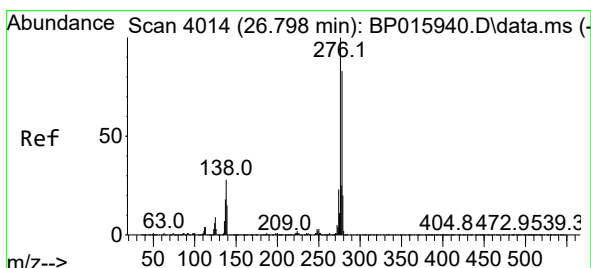
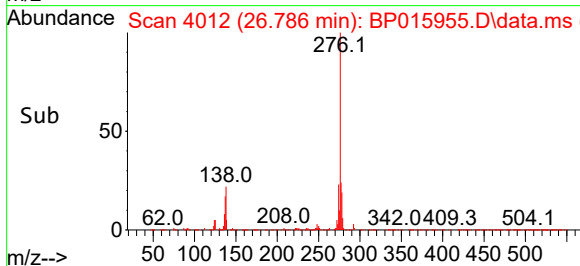
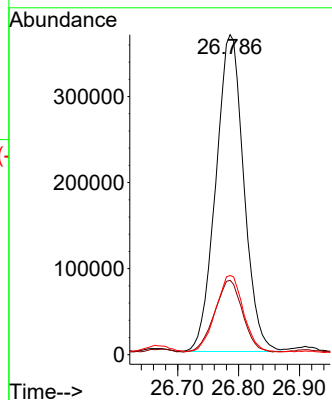
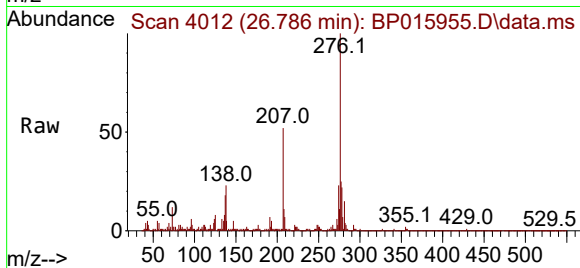
Tgt Ion:276 Resp: 1175183

Ion Ratio Lower Upper

276 100

138 28.5 15.7 23.5#

277 24.8 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 4.677 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

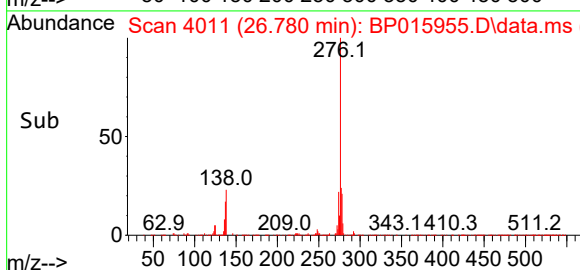
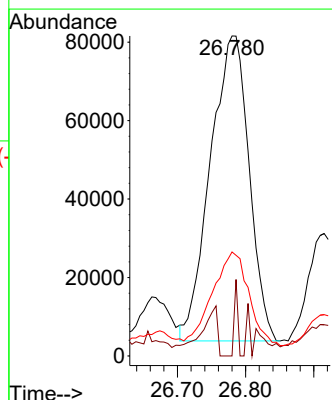
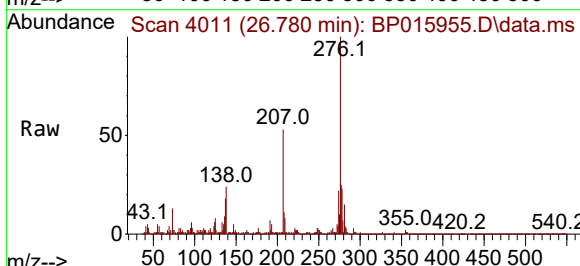
Tgt Ion:278 Resp: 307241

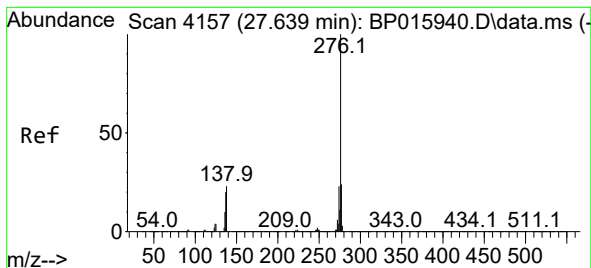
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 32.5 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 16.059 ng/ul

RT: 27.627 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP015955.D

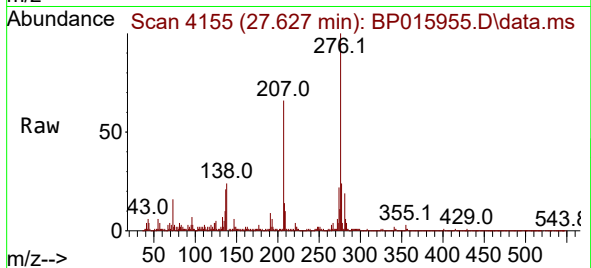
Acq: 03 Jul 2023 17:22

Instrument :

BNA_P

ClientSampleId :

DCGH6



Tgt Ion:276 Resp: 1056639

Ion Ratio Lower Upper

276 100

138 24.1 15.1 22.7#

277 24.0 18.8 28.2

