

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014742.D
 Acq On : 19 Apr 2023 22:17
 Operator : CG/JU
 Sample : 02296-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBK8

Quant Time: Apr 20 02:36:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

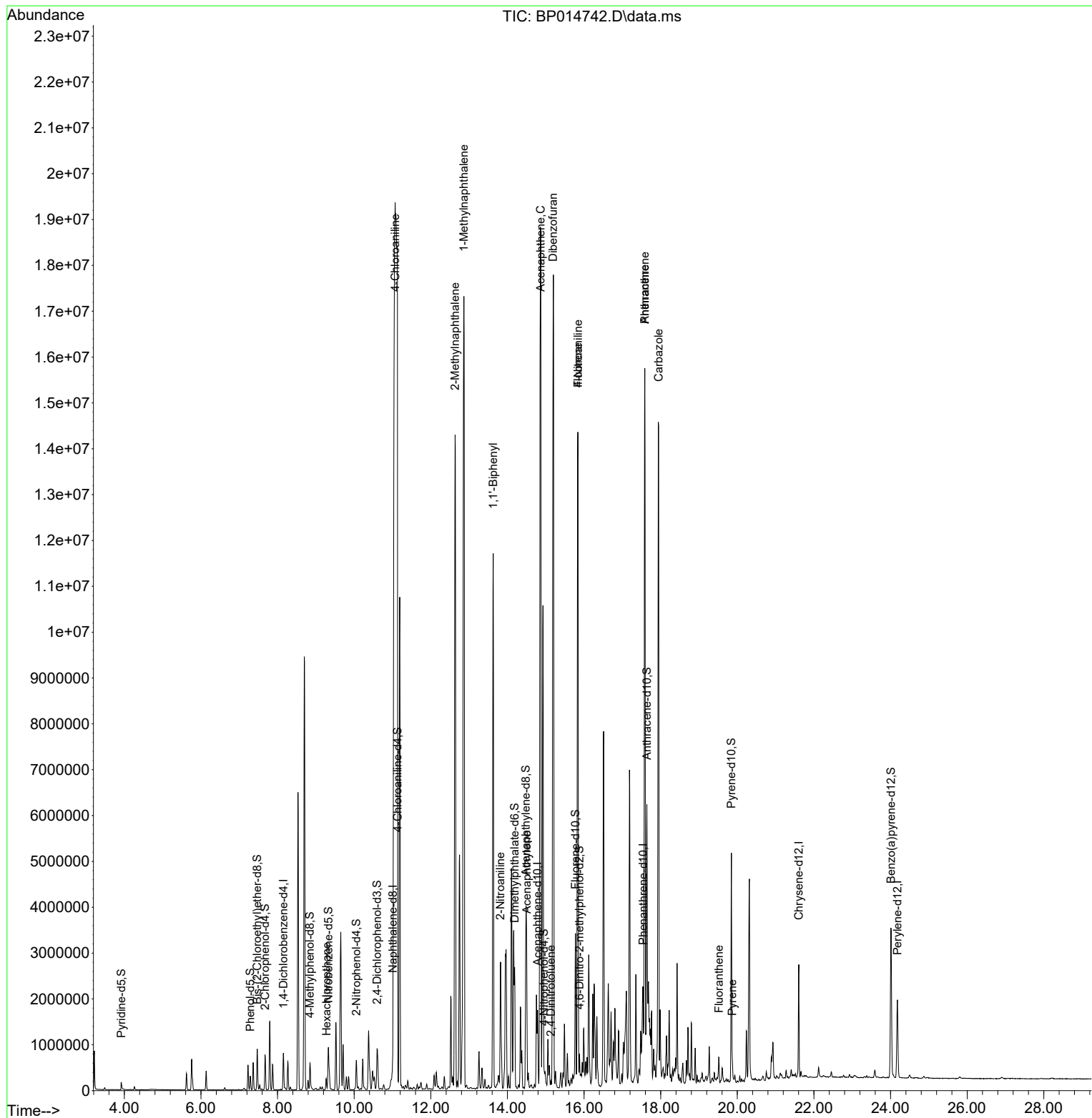
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	219651	20.000	ng/ul	0.00
20) Naphthalene-d8	11.010	136	798909	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.787	164	603632	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	1275083	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1215848	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1348257	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	46	0.008	ng/uL	-0.09
4) Pyridine-d5	3.922	84	90557	6.018	ng/ul	0.00
7) Phenol-d5	7.287	99	110070	5.796	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	364704	31.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	350481	24.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	222152	15.005	ng/ul	0.00
21) Nitrobenzene-d5	9.328	128	226242	45.193	ng/ul	0.00
24) 2-Nitrophenol-d4	10.057	143	214311	47.398	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.598	165	427034	34.783	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	182365	9.732	ng/ul	0.02
46) Dimethylphthalate-d6	14.187	166	1573443	32.920	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1781914	32.170	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	39859	5.243	ng/ul	0.00
60) Fluorene-d10	15.775	176	1362789	33.229	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	144342	27.973	ng/ul	0.00
73) Anthracene-d10	17.639	188	2083674	33.827	ng/ul	0.00
81) Pyrene-d10	19.845	212	2552799	36.652	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	2547389	36.454	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.275	117	29028	4.672	ng/ul#	7
32) 4-Chloroaniline	11.069	127	4365006	229.942	ng/ul#	7
36) 2-Methylnaphthalene	12.634	142	7952032	266.036	ng/ul	100
37) 1-Methylnaphthalene	12.863	142	11447225	386.298	ng/ul	99
43) 1,1'-Biphenyl	13.628	154	6604734	134.936	ng/ul	98
45) 2-Nitroaniline	13.816	65	21480	2.967	ng/ul#	25
50) Acenaphthylene	14.504	152	161374	2.688	ng/ul#	46
52) Acenaphthene	14.863	153	11388359	278.230	ng/ul	98
56) Dibenzofuran	15.192	168	13973319	242.557	ng/ul	96
57) 2,4-Dinitrotoluene	15.134	165	9834	1.021	ng/ul#	63
61) Fluorene	15.839	166	7767450	165.178	ng/ul	100
63) 4-Nitroaniline	15.839	138	90007	12.057	ng/ul#	21
72) Phenanthrene	17.586	178	10982621	152.828	ng/ul	98
74) Anthracene	17.586	178	10982621	150.748	ng/ul	98
77) Carbazole	17.945	167	11503968	179.871	ng/ul	98
80) Fluoranthene	19.522	202	327981	4.047	ng/ul	99
82) Pyrene	19.869	202	129006	1.504	ng/ul	97

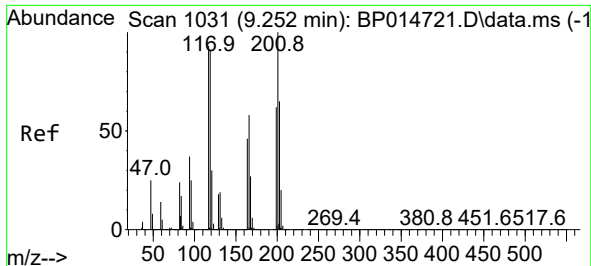
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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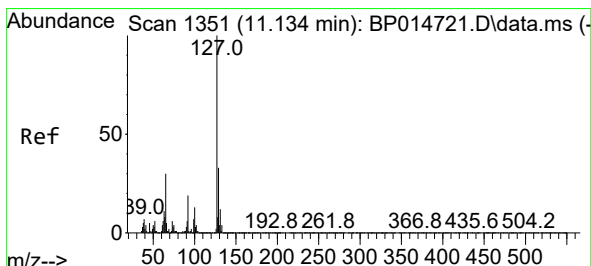
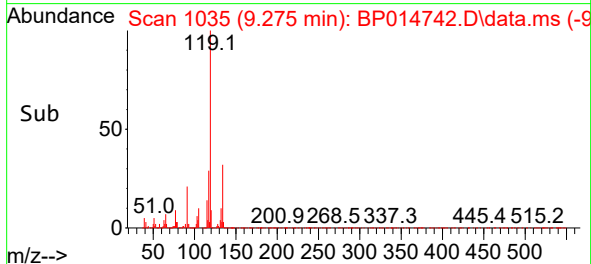
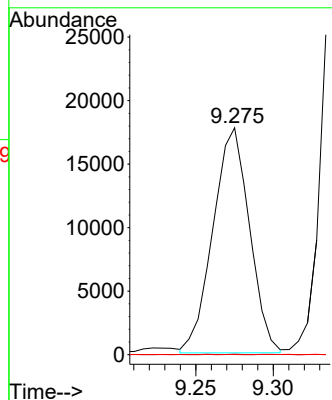
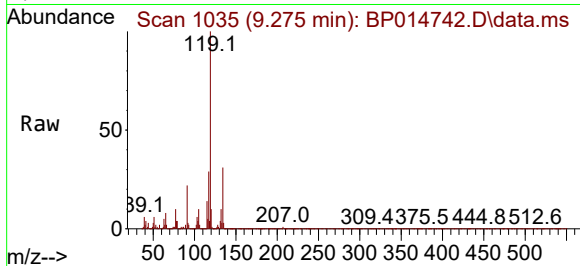




#19
Hexachloroethane
Concen: 4.672 ng/ul
RT: 9.275 min Scan# 110
Delta R.T. 0.023 min
Lab File: BP014742.D
Acq: 19 Apr 2023 22:17

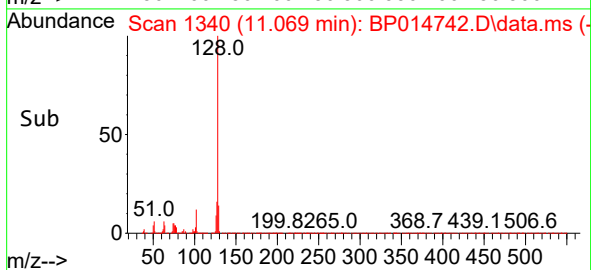
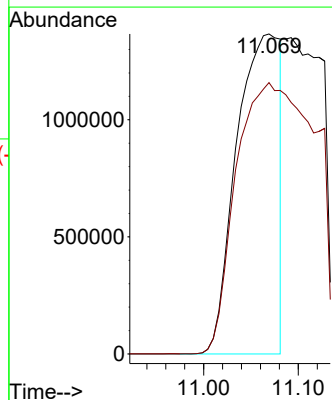
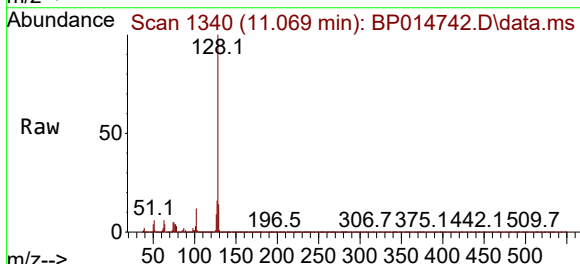
Instrument :
BNA_P
ClientSampleId :
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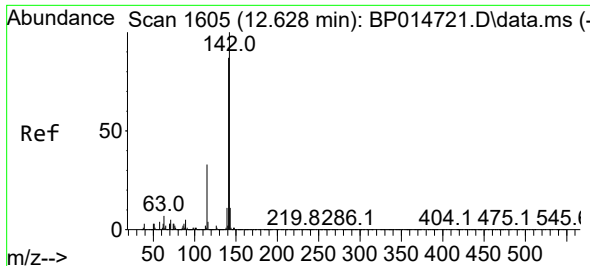
Tgt Ion:117 Resp: 29028
Ion Ratio Lower Upper
117 100
201 0.2 81.0 121.4#
199 0.0 51.5 77.3#



#32
4-Chloroaniline
Concen: 229.942 ng/ul
RT: 11.069 min Scan# 1340
Delta R.T. -0.065 min
Lab File: BP014742.D
Acq: 19 Apr 2023 22:17

Tgt Ion:127 Resp: 4365006
Ion Ratio Lower Upper
127 100
129 84.8 26.0 39.0#

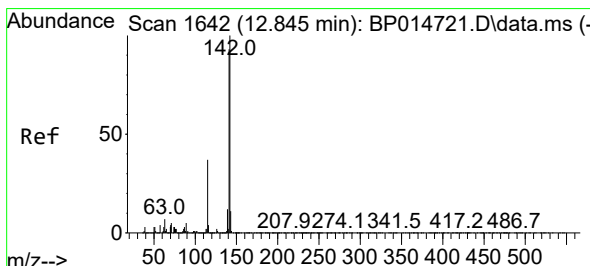
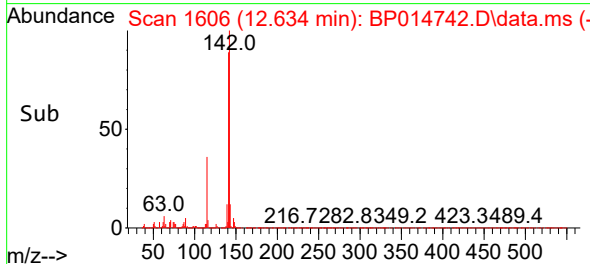
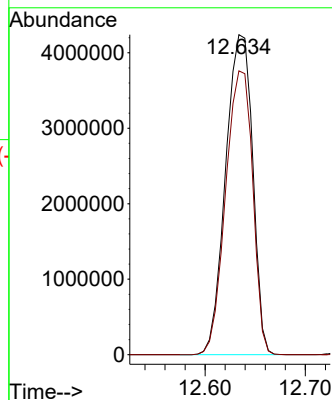
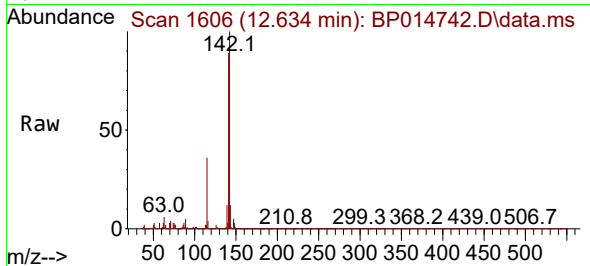




#36
2-Methylnaphthalene
Concen: 266.036 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP014742.D
Acq: 19 Apr 2023 22:17

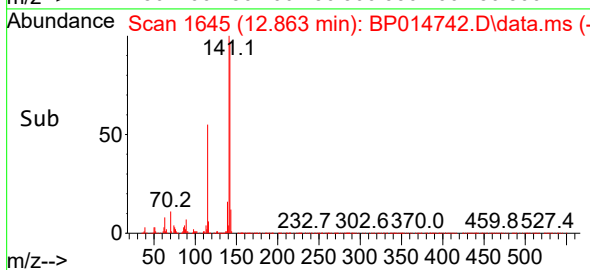
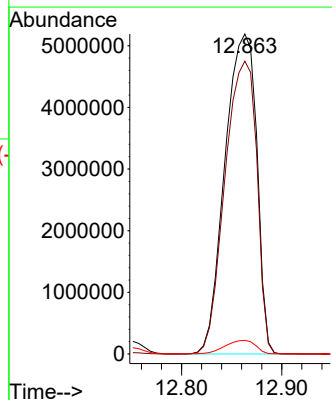
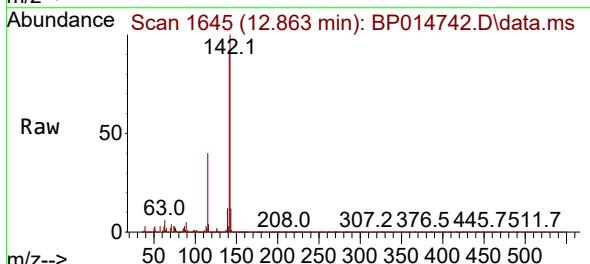
Instrument :
BNA_P
ClientSampleId :
DCBK8

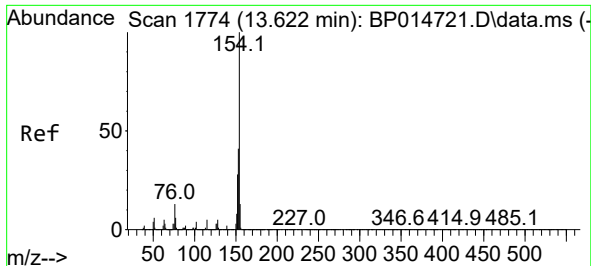
Tgt Ion:142 Resp: 7952032
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#37
1-Methylnaphthalene
Concen: 386.298 ng/ul
RT: 12.863 min Scan# 1645
Delta R.T. 0.023 min
Lab File: BP014742.D
Acq: 19 Apr 2023 22:17

Tgt Ion:142 Resp:11447225
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6
116 4.2 3.3 4.9

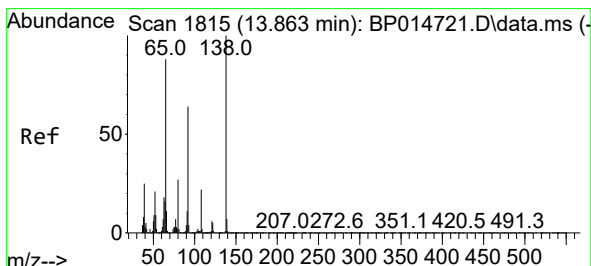
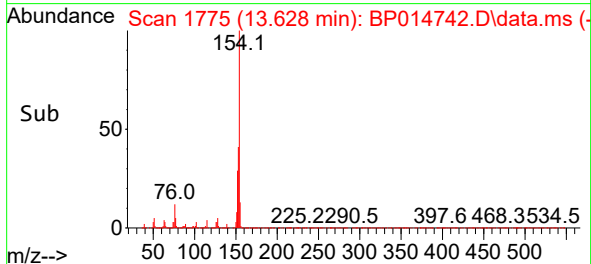
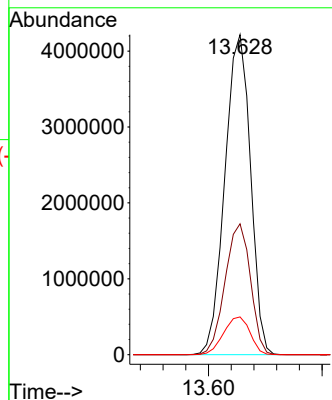
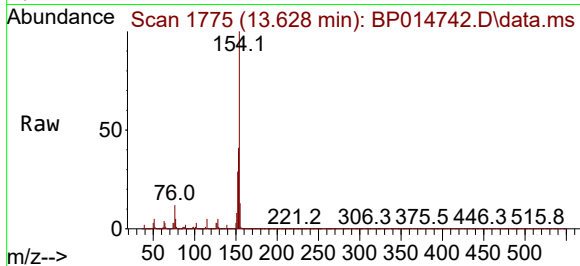




#43
1,1'-Biphenyl
Concen: 134.936 ng/ul
RT: 13.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014742.D
Acq: 19 Apr 2023 22:17

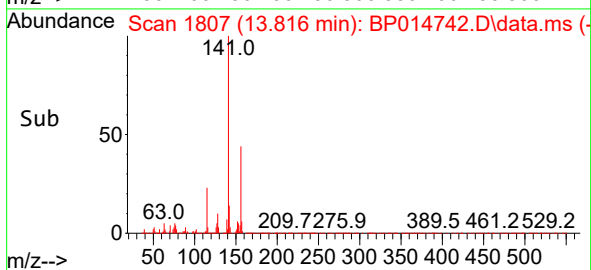
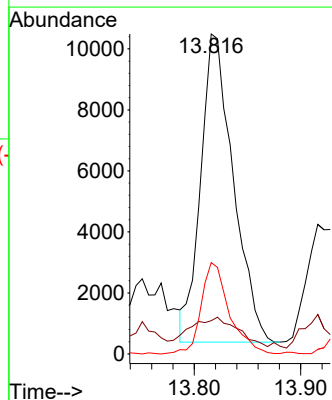
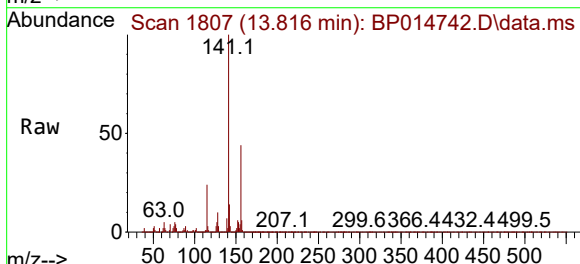
Instrument :
BNA_P
ClientSampleId :
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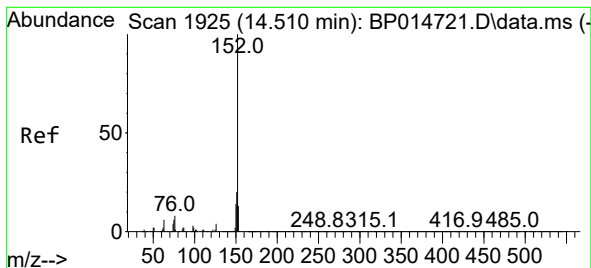
Tgt Ion:154 Resp: 6604734
Ion Ratio Lower Upper
154 100
153 40.9 31.9 47.9
76 11.8 10.8 16.2



#45
2-Nitroaniline
Concen: 2.967 ng/ul
RT: 13.816 min Scan# 1807
Delta R.T. -0.041 min
Lab File: BP014742.D
Acq: 19 Apr 2023 22:17

Tgt Ion: 65 Resp: 21480
Ion Ratio Lower Upper
65 100
92 10.4 57.0 85.4#
138 28.5 86.8 130.2#





#50

Acenaphthylene

Concen: 2.688 ng/ul

RT: 14.504 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP014742.D

Acq: 19 Apr 2023 22:17

Instrument :

BNA_P

ClientSampleId :

DCBK8

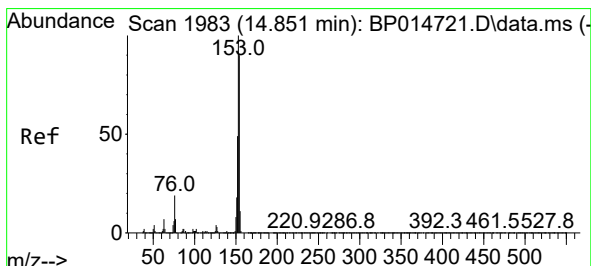
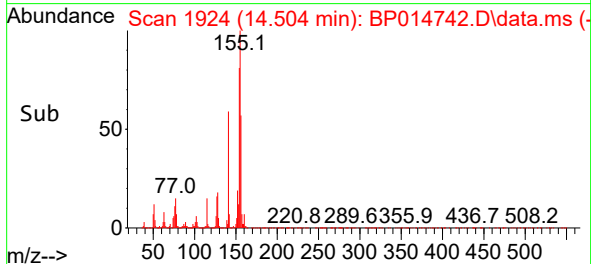
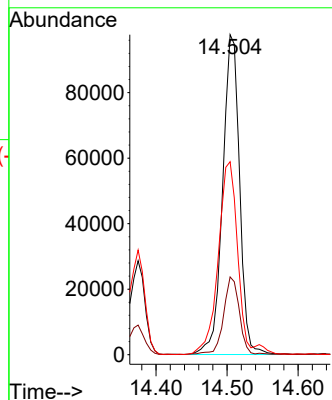
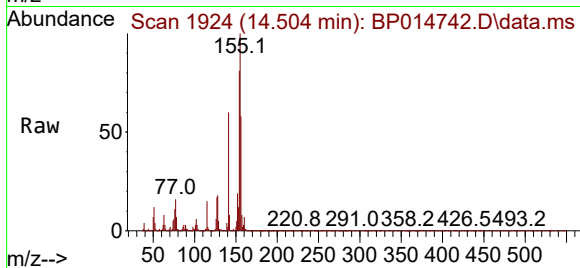
Tgt Ion:152 Resp: 161374

Ion Ratio Lower Upper

152 100

151 24.3 15.7 23.5#

153 60.3 10.0 15.0#



#52

Acenaphthene

Concen: 278.230 ng/ul

RT: 14.863 min Scan# 1985

Delta R.T. 0.017 min

Lab File: BP014742.D

Acq: 19 Apr 2023 22:17

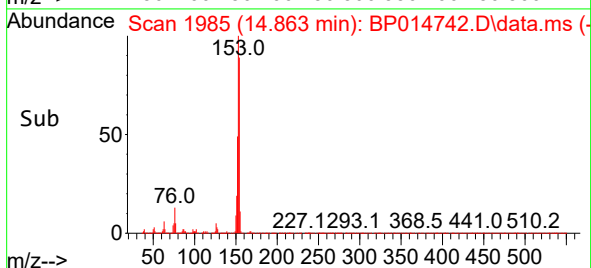
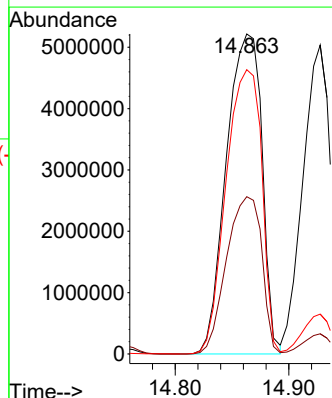
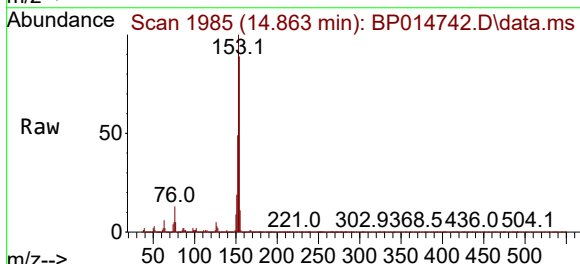
Tgt Ion:153 Resp:11388359

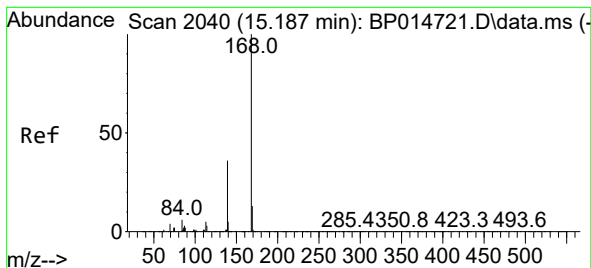
Ion Ratio Lower Upper

153 100

152 49.2 38.4 57.6

154 88.9 69.8 104.8





#56

Dibenzofuran

Concen: 242.557 ng/ul

RT: 15.192 min Scan# 2041

Delta R.T. 0.012 min

Lab File: BP014742.D

Acq: 19 Apr 2023 22:17

Instrument :

BNA_P

ClientSampleId :

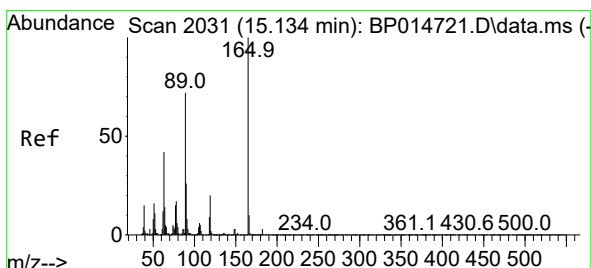
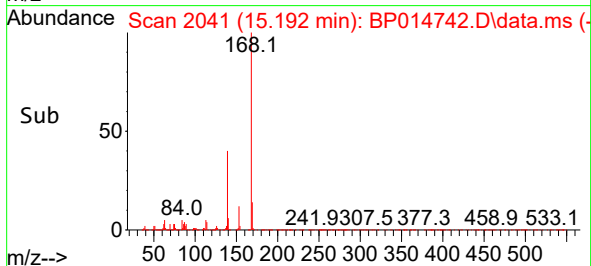
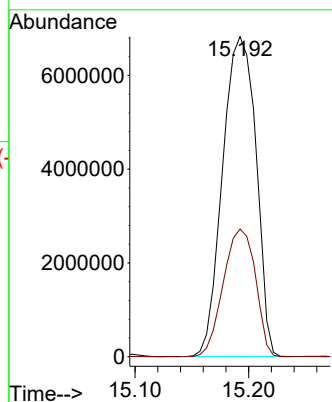
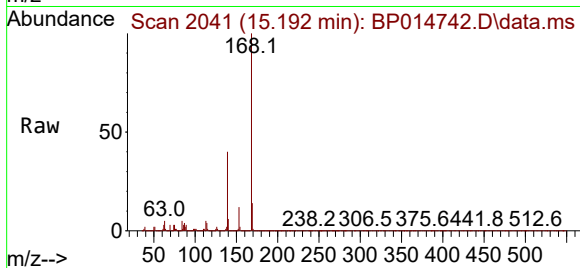
DCBK8

Tgt Ion:168 Resp:13973319

Ion Ratio Lower Upper

168 100

139 39.9 29.8 44.8



#57

2,4-Dinitrotoluene

Concen: 1.021 ng/ul

RT: 15.134 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BP014742.D

Acq: 19 Apr 2023 22:17

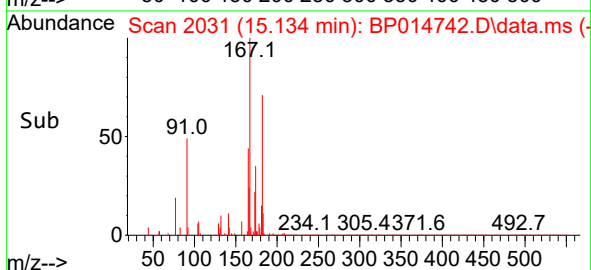
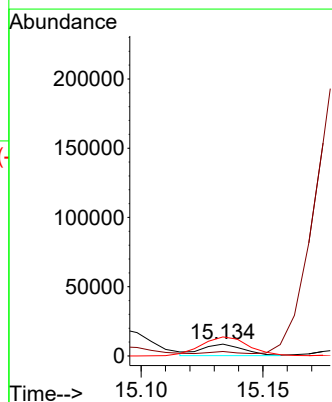
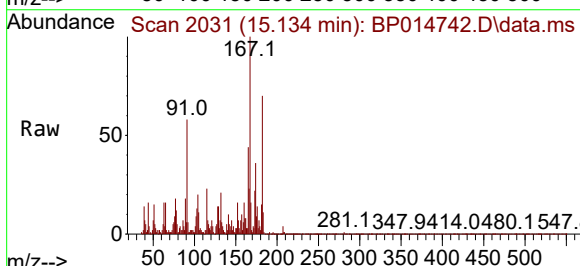
Tgt Ion:165 Resp: 9834

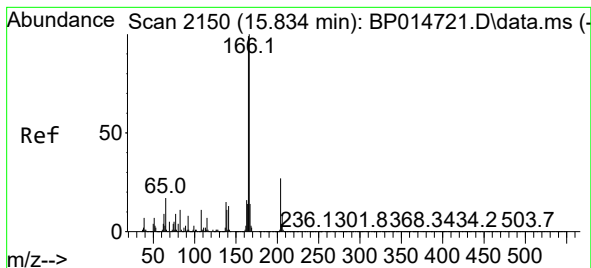
Ion Ratio Lower Upper

165 100

63 37.5 36.6 54.8

182 159.9 2.1 3.1#





#61

Fluorene

Concen: 165.178 ng/ul

RT: 15.839 min Scan# 2151

Delta R.T. 0.012 min

Lab File: BP014742.D

Acq: 19 Apr 2023 22:17

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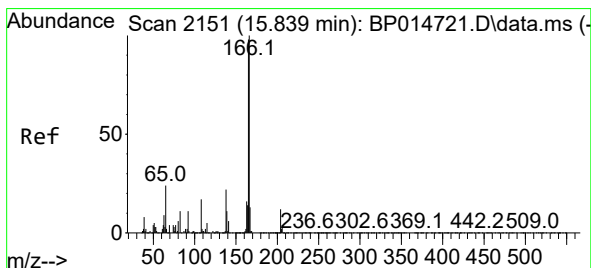
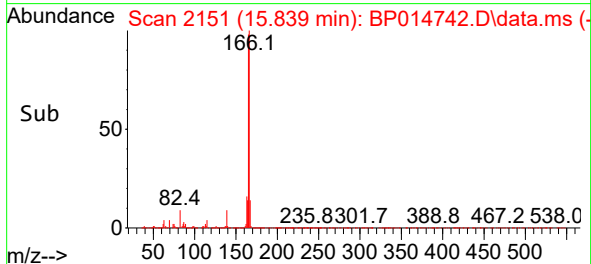
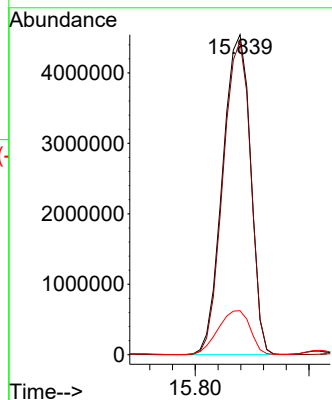
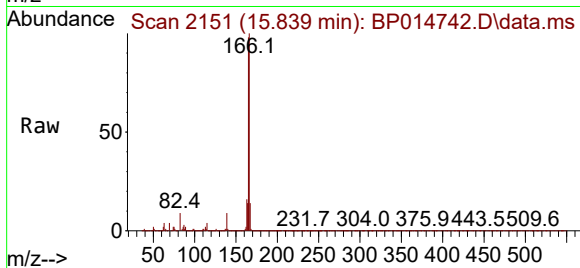
Tgt Ion:166 Resp: 7767450

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

167 13.7 10.5 15.7



#63

4-Nitroaniline

Concen: 12.057 ng/ul

RT: 15.839 min Scan# 2151

Delta R.T. 0.006 min

Lab File: BP014742.D

Acq: 19 Apr 2023 22:17

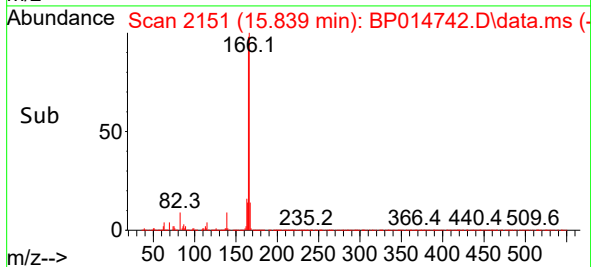
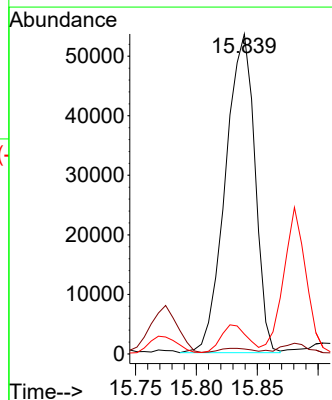
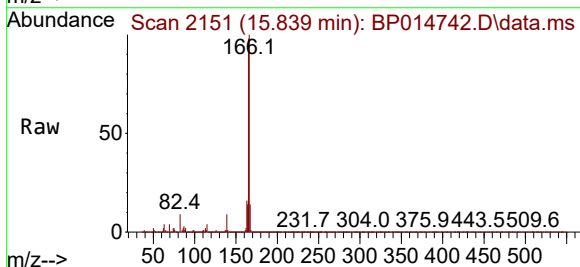
Tgt Ion:138 Resp: 90007

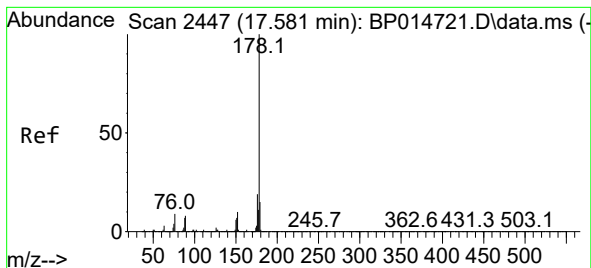
Ion Ratio Lower Upper

138 100

92 1.5 40.9 61.3#

108 6.2 63.8 95.6#





#72

Phenanthrene

Concen: 152.828 ng/ul

RT: 17.586 min Scan# 2448

Delta R.T. 0.012 min

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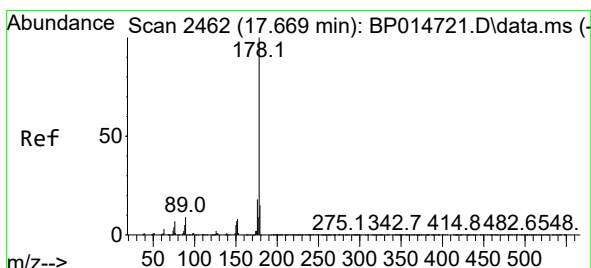
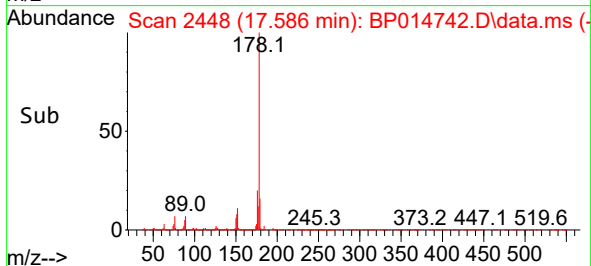
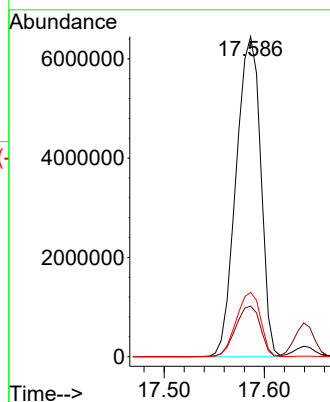
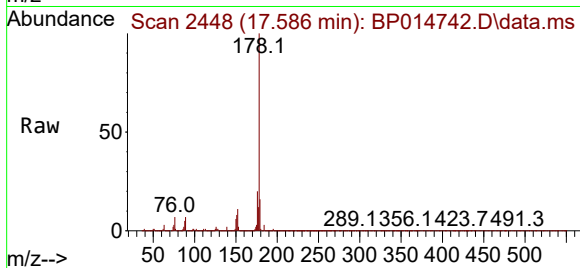
Tgt Ion:178 Resp:10982621

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

176 20.1 15.3 22.9



#74

Anthracene

Concen: 150.748 ng/ul

RT: 17.586 min Scan# 2448

Delta R.T. -0.083 min

Lab File: BP014742.D

Acq: 19 Apr 2023 22:17

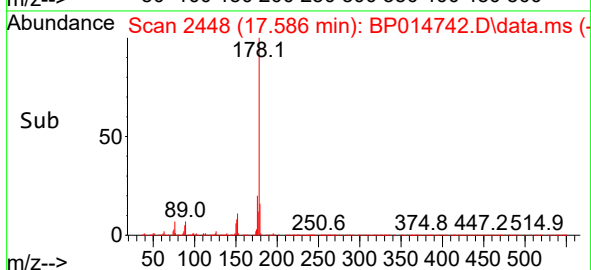
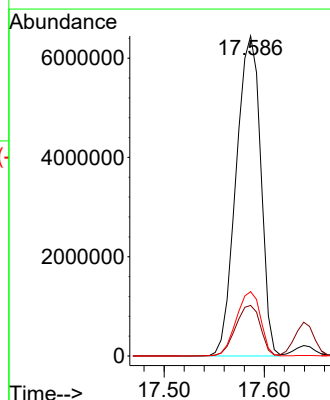
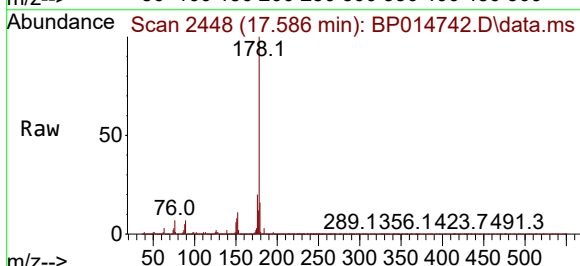
Tgt Ion:178 Resp:10982621

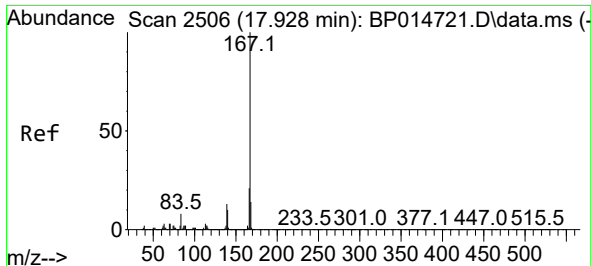
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 20.1 15.1 22.7

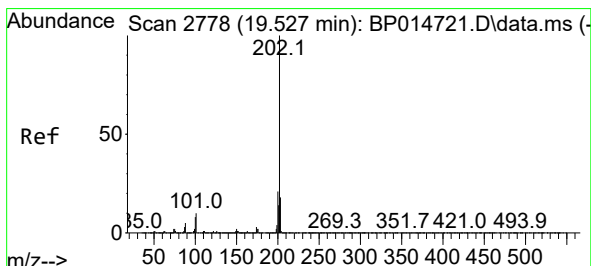
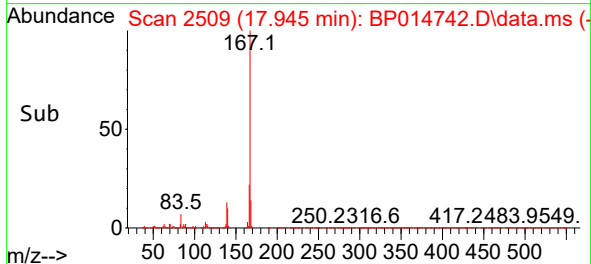
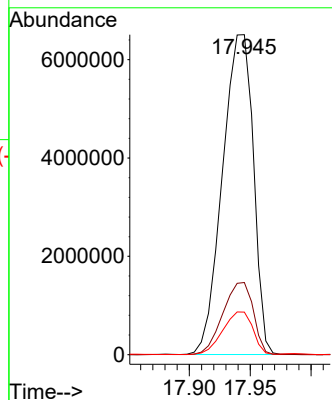
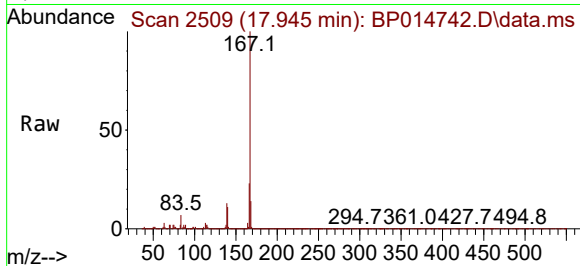




#77
Carbazole
Concen: 179.871 ng/ul
RT: 17.945 min Scan# 2509
Delta R.T. 0.017 min
Lab File: BP014742.D
Acq: 19 Apr 2023 22:17

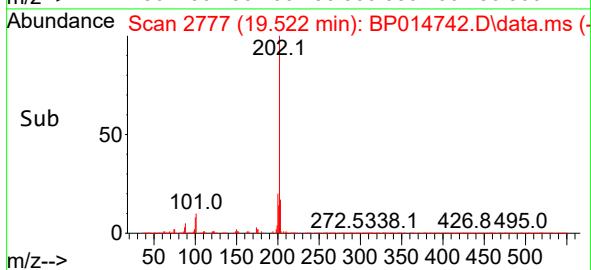
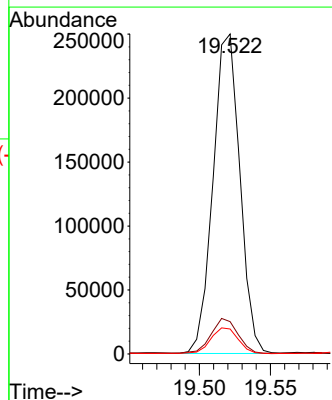
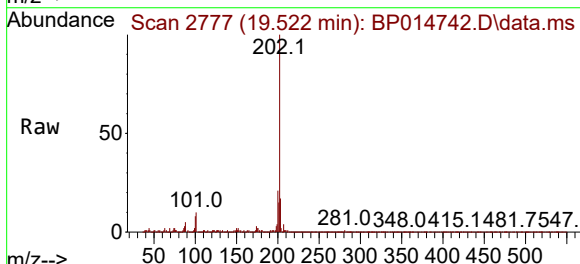
Instrument :
BNA_P
ClientSampleId :
DCBK8

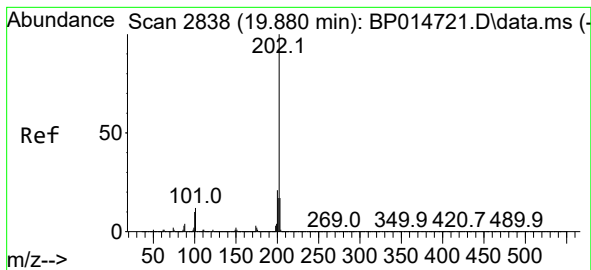
Tgt Ion:167 Resp:11503968
Ion Ratio Lower Upper
167 100
166 22.5 17.0 25.4
139 13.3 10.2 15.2



#80
Fluoranthene
Concen: 4.047 ng/ul
RT: 19.522 min Scan# 2777
Delta R.T. -0.000 min
Lab File: BP014742.D
Acq: 19 Apr 2023 22:17

Tgt Ion:202 Resp: 327981
Ion Ratio Lower Upper
202 100
101 10.1 8.4 12.6
100 7.8 6.4 9.6





#82

Pyrene

Concen: 1.504 ng/ul

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014742.D

Acq: 19 Apr 2023 22:17

Instrument :

BNA_P

ClientSampleId :

DCBK8

Tgt Ion:202 Resp: 129006

Ion Ratio Lower Upper

202 100

101 13.1 9.4 14.0

100 11.2 8.0 12.0

