

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014740.D
 Acq On : 19 Apr 2023 21:10
 Operator : CG/JU
 Sample : 02296-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBL2

Quant Time: Apr 20 02:36:01 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)

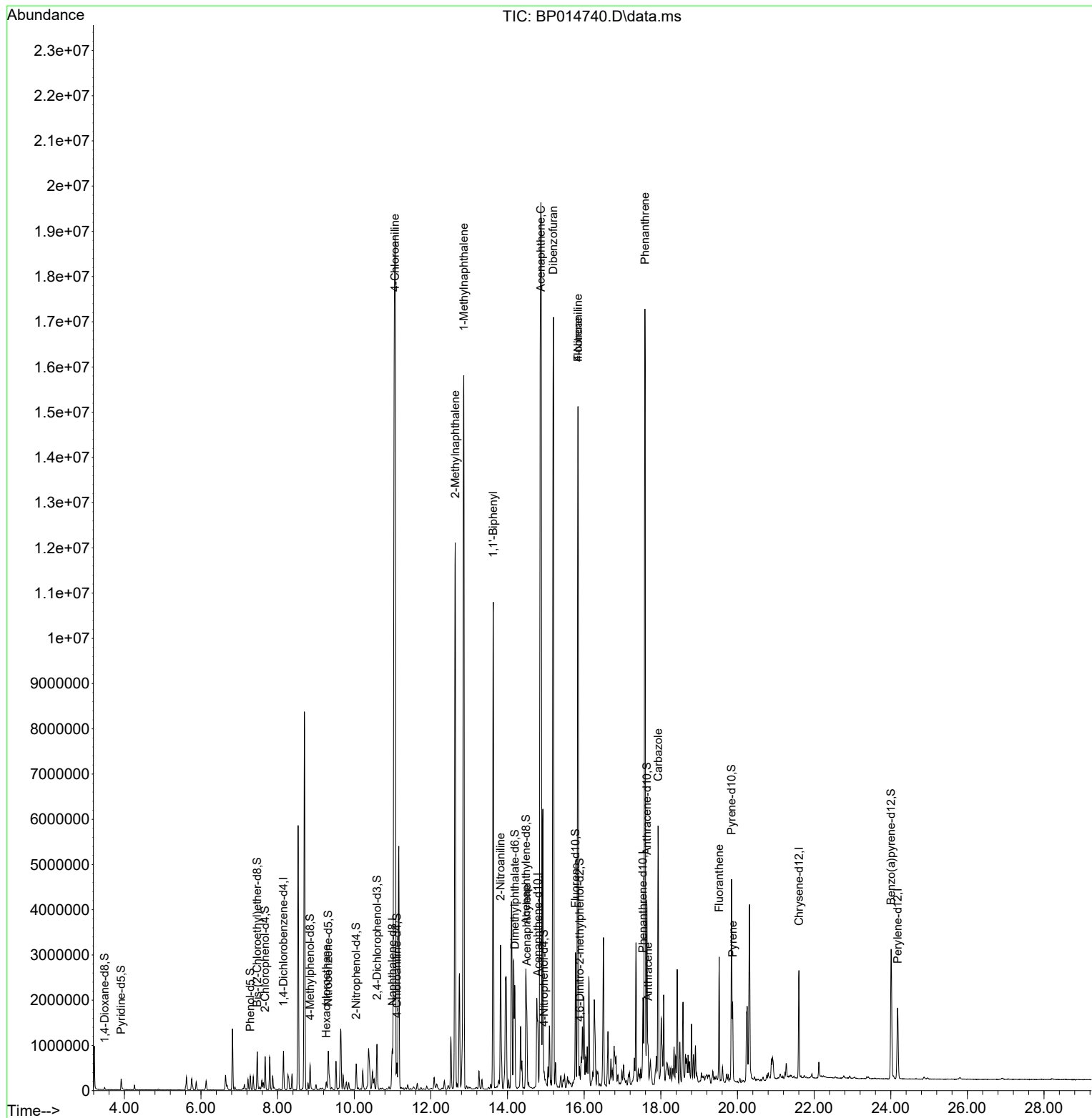
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	223689	20.000	ng/ul	0.00
20) Naphthalene-d8	10.993	136	929890	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.787	164	567943	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.534	188	1198393	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1145744	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1288136	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	22072	3.922	ng/uL	0.00
4) Pyridine-d5	3.917	84	129512	8.452	ng/ul	0.00
7) Phenol-d5	7.287	99	107344	5.550	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	345955	28.995	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	326517	22.733	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	206350	13.686	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	197540	33.902	ng/ul	0.00
24) 2-Nitrophenol-d4	10.052	143	173127	32.897	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	369822	25.880	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	331292	15.190	ng/ul	0.00
46) Dimethylphthalate-d6	14.193	166	1342852	29.861	ng/ul	0.01
49) Acenaphthylene-d8	14.481	160	1559791	29.929	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	31971	4.470	ng/ul	0.00
60) Fluorene-d10	15.775	176	1179887	30.577	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	91577	18.883	ng/ul	0.00
73) Anthracene-d10	17.634	188	1865394	32.221	ng/ul	0.00
81) Pyrene-d10	19.845	212	2193370	33.418	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	2251528	33.724	ng/ul	0.00
Target Compounds						Qvalue
19) Hexachloroethane	9.269	117	20203	3.193	ng/ul#	7
32) 4-Chloroaniline	11.063	127	4060693	183.781	ng/ul#	12
36) 2-Methylnaphthalene	12.634	142	6378244	183.328	ng/ul	100
37) 1-Methylnaphthalene	12.857	142	9095104	263.691	ng/ul	100
43) 1,1'-Biphenyl	13.628	154	6048951	131.347	ng/ul	99
45) 2-Nitroaniline	13.816	65	21364	3.136	ng/ul#	27
50) Acenaphthylene	14.504	152	287400	5.088	ng/ul#	83
52) Acenaphthene	14.869	153	11429767	296.789	ng/ul	98
56) Dibenzofuran	15.193	168	15122562	279.002	ng/ul	95
61) Fluorene	15.840	166	8169196	184.638	ng/ul	99
63) 4-Nitroaniline	15.840	138	91332	13.003	ng/ul#	20
72) Phenanthrene	17.587	178	12671989	187.621	ng/ul	97
74) Anthracene	17.669	178	374815	5.474	ng/ul	99
77) Carbazole	17.928	167	3520377	58.565	ng/ul	100
80) Fluoranthene	19.522	202	1500252	19.647	ng/ul	99
82) Pyrene	19.875	202	786134	9.729	ng/ul	99

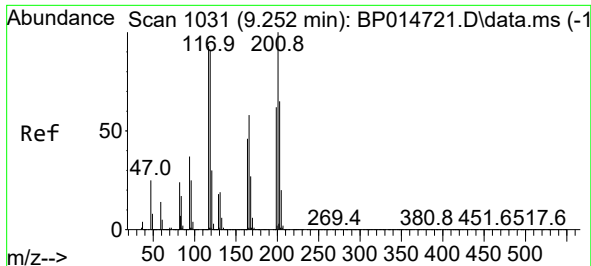
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014740.D
Acq On : 19 Apr 2023 21:10
Operator : CG/JU
Sample : 02296-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2

Quant Time: Apr 20 02:36:01 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

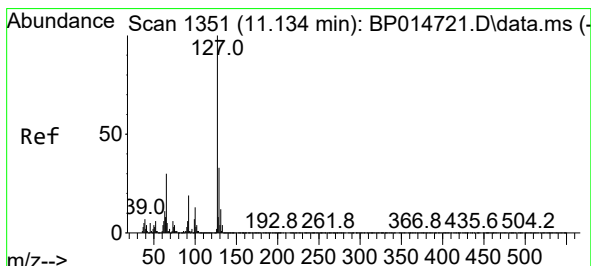
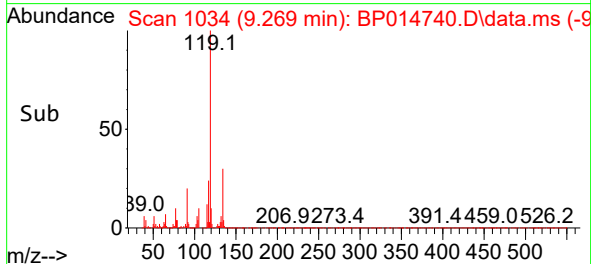
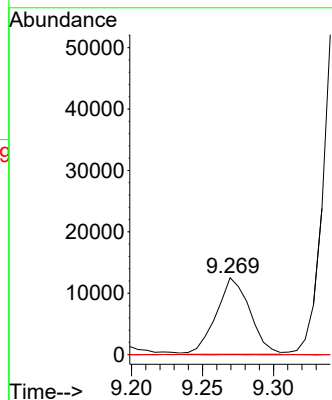
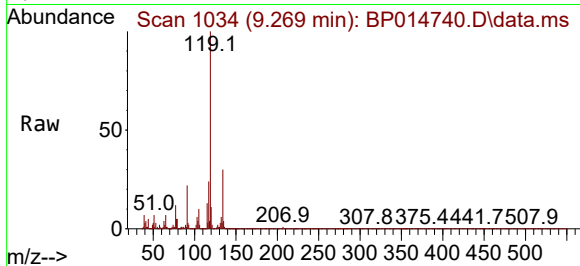




#19
Hexachloroethane
Concen: 3.193 ng/ul
RT: 9.269 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

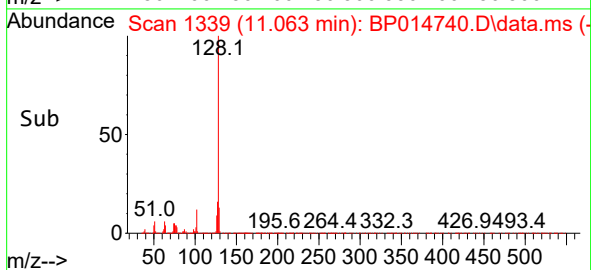
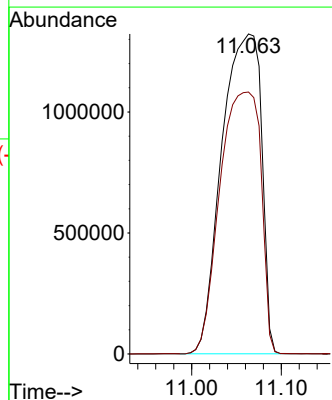
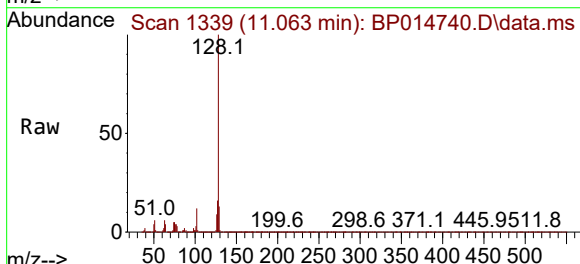
Instrument :
BNA_P
ClientSampleId :
DCBL2

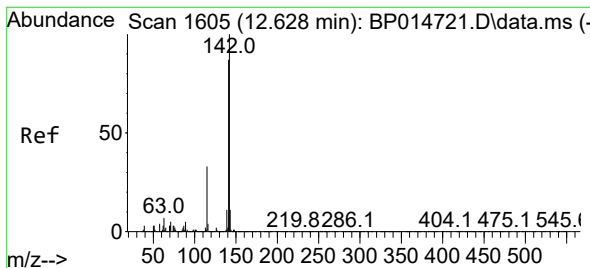
Tgt Ion:117 Resp: 20203
Ion Ratio Lower Upper
117 100
201 0.2 81.0 121.4#
199 0.1 51.5 77.3#



#32
4-Chloroaniline
Concen: 183.781 ng/ul
RT: 11.063 min Scan# 1339
Delta R.T. -0.071 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Tgt Ion:127 Resp: 4060693
Ion Ratio Lower Upper
127 100
129 81.8 26.0 39.0#

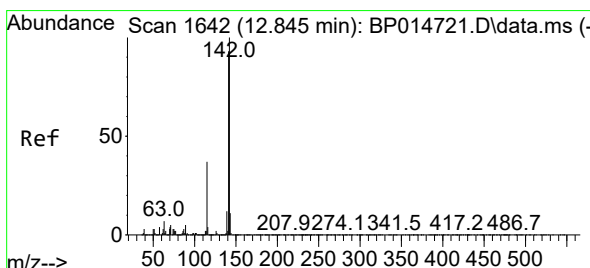
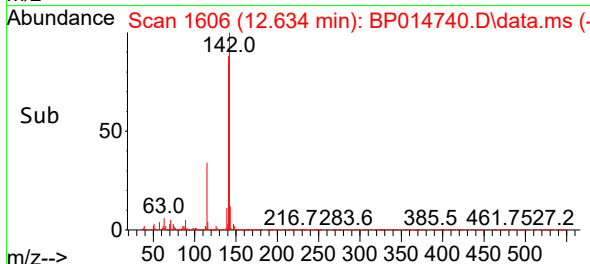
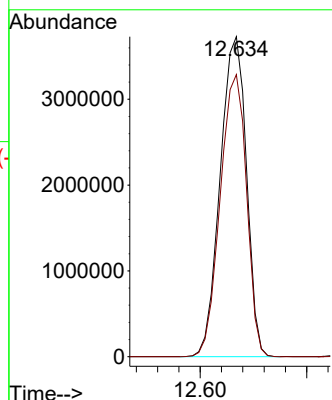
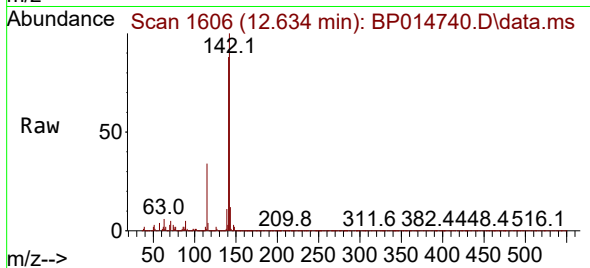




#36
2-Methylnaphthalene
Concen: 183.328 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

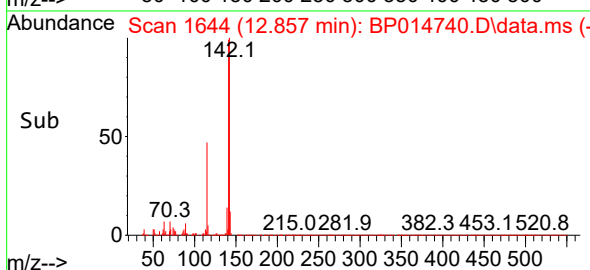
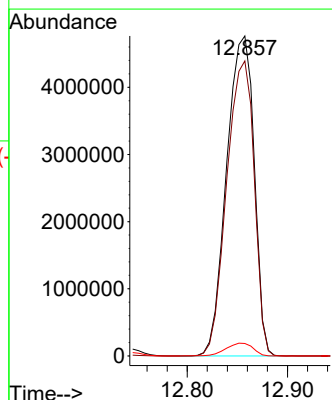
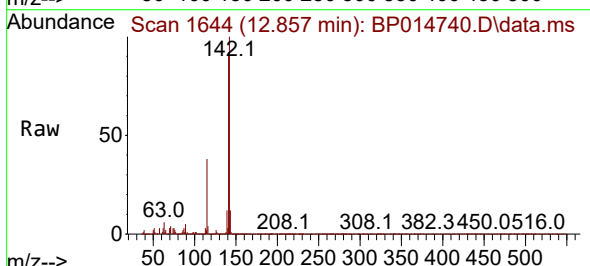
Instrument :
BNA_P
ClientSampleId :
DCBL2

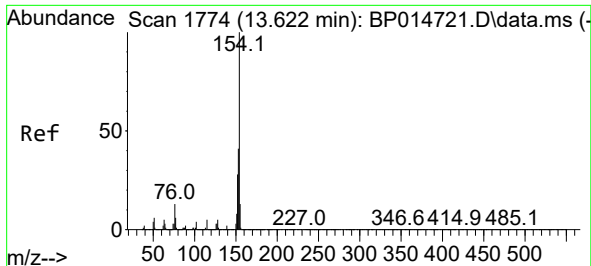
Tgt Ion:142 Resp: 6378244
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#37
1-Methylnaphthalene
Concen: 263.691 ng/ul
RT: 12.857 min Scan# 1644
Delta R.T. 0.018 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Tgt Ion:142 Resp: 9095104
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 3.9 3.3 4.9

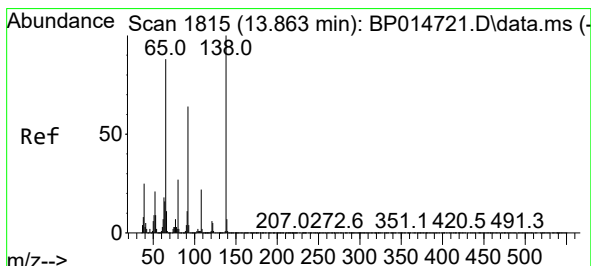
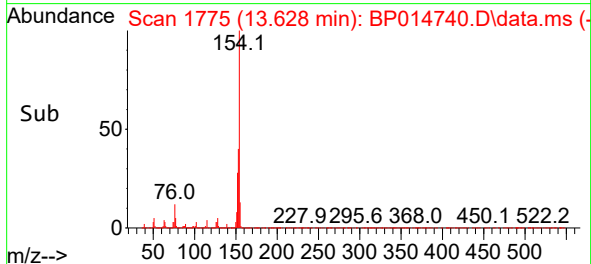
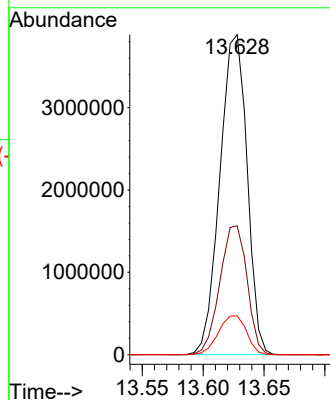
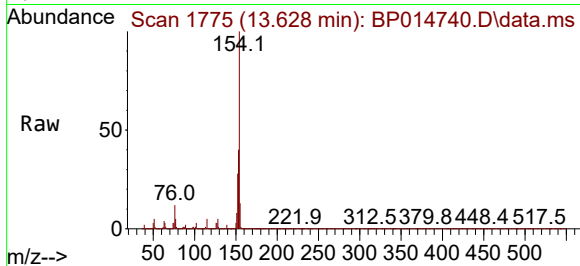




#43
1,1'-Biphenyl
Concen: 131.347 ng/ul
RT: 13.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

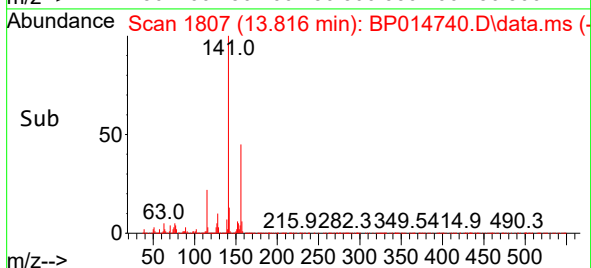
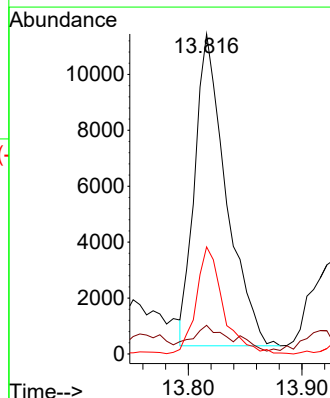
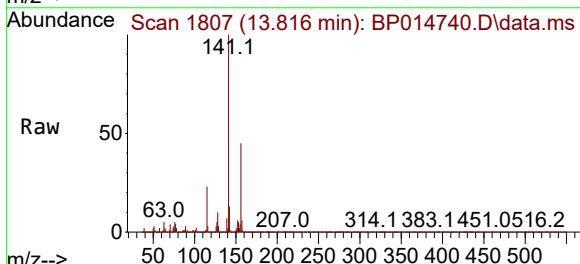
Instrument :
BNA_P
ClientSampleId :
DCBL2

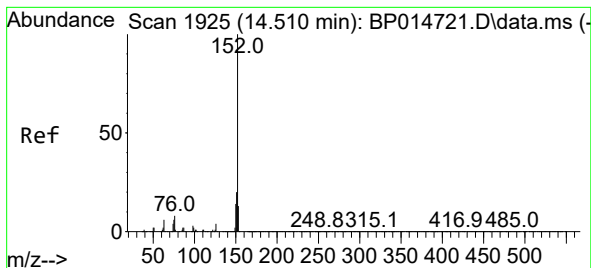
Tgt Ion:154 Resp: 6048951
Ion Ratio Lower Upper
154 100
153 40.3 31.9 47.9
76 12.1 10.8 16.2



#45
2-Nitroaniline
Concen: 3.136 ng/ul
RT: 13.816 min Scan# 1807
Delta R.T. -0.041 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Tgt Ion: 65 Resp: 21364
Ion Ratio Lower Upper
65 100
92 9.0 57.0 85.4#
138 33.5 86.8 130.2#





#50

Acenaphthylene

Concen: 5.088 ng/ul

RT: 14.504 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP014740.D

Acq: 19 Apr 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCBL2

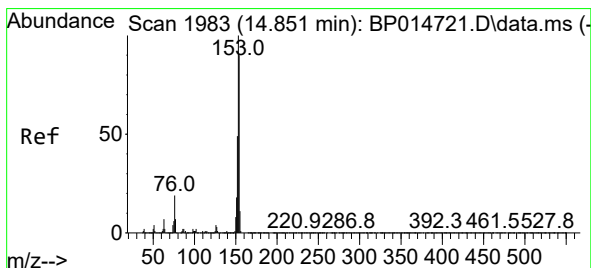
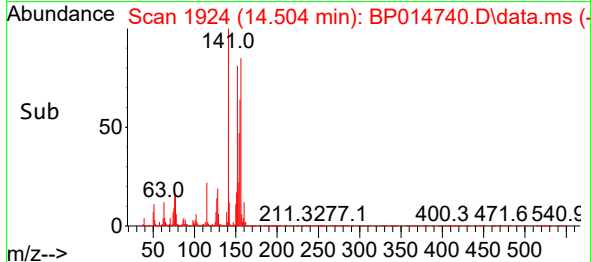
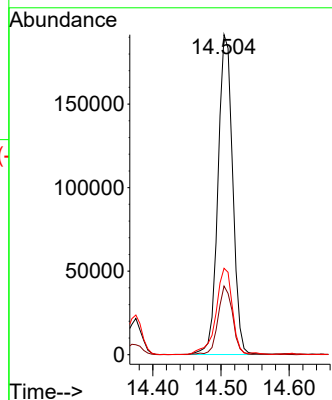
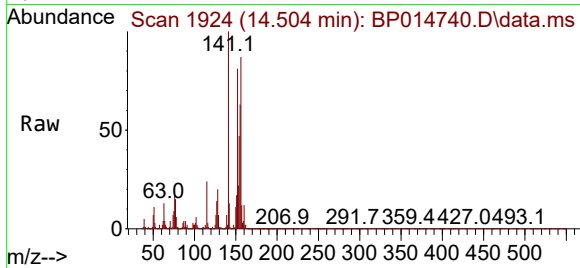
Tgt Ion:152 Resp: 287400

Ion Ratio Lower Upper

152 100

151 21.4 15.7 23.5

153 27.0 10.0 15.0#



#52

Acenaphthene

Concen: 296.789 ng/ul

RT: 14.869 min Scan# 1986

Delta R.T. 0.024 min

Lab File: BP014740.D

Acq: 19 Apr 2023 21:10

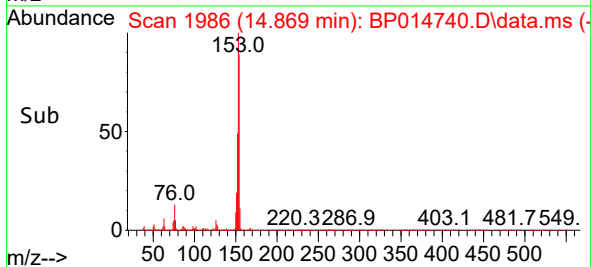
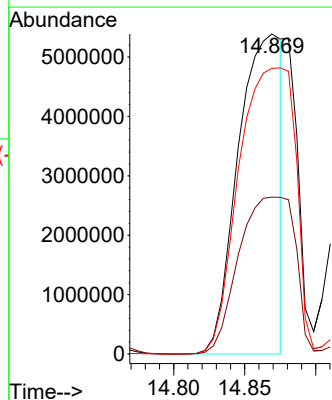
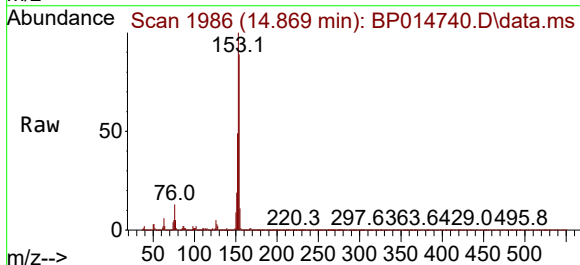
Tgt Ion:153 Resp:11429767

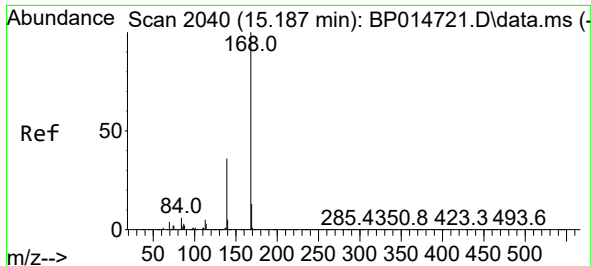
Ion Ratio Lower Upper

153 100

152 49.0 38.4 57.6

154 89.2 69.8 104.8

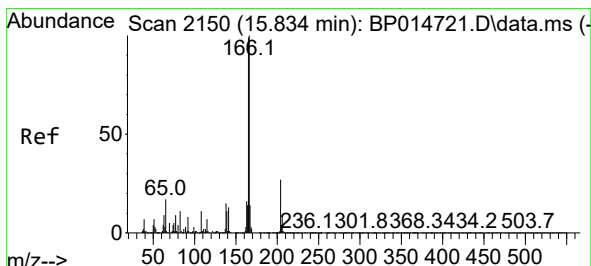
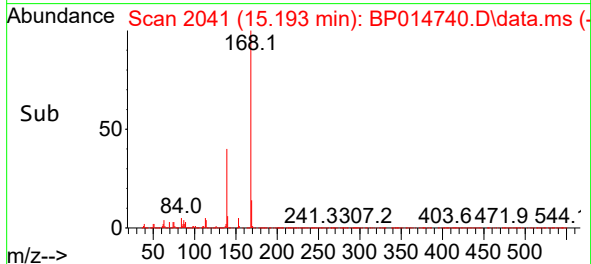
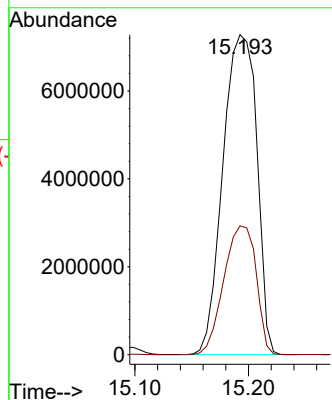
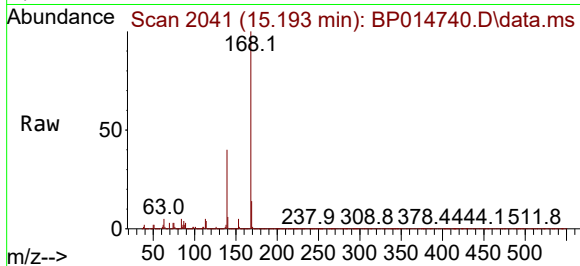




#56
Dibenzofuran
Concen: 279.002 ng/ul
RT: 15.193 min Scan# 2041
Delta R.T. 0.012 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

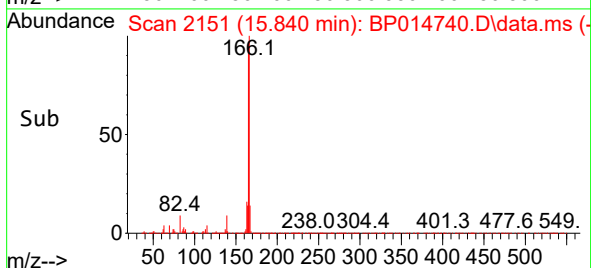
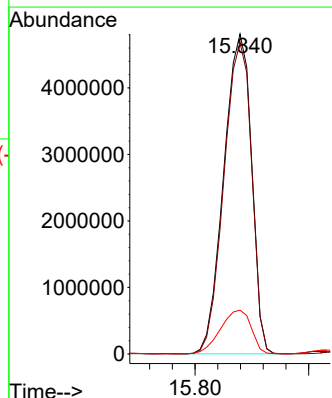
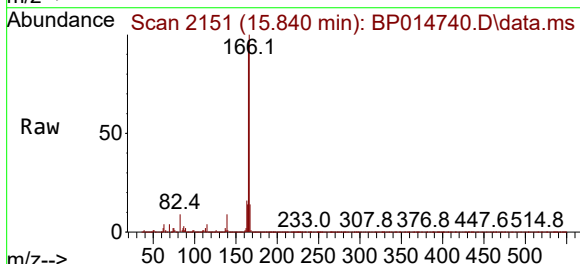
Instrument :
BNA_P
ClientSampleId :
DCBL2

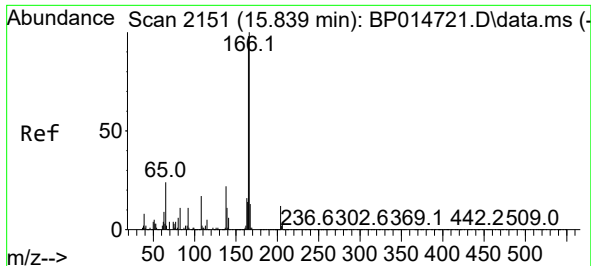
Tgt Ion:168 Resp:15122562
Ion Ratio Lower Upper
168 100
139 40.2 29.8 44.8



#61
Fluorene
Concen: 184.638 ng/ul
RT: 15.840 min Scan# 2151
Delta R.T. 0.012 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Tgt Ion:166 Resp: 8169196
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.7 10.5 15.7

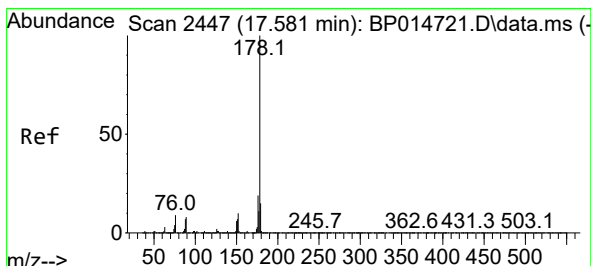
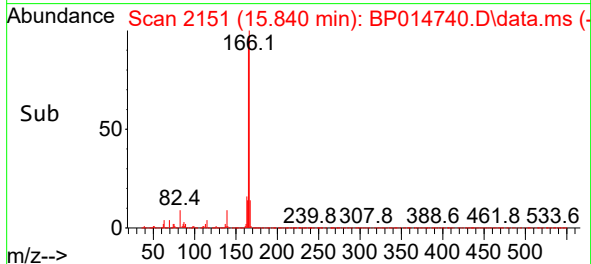
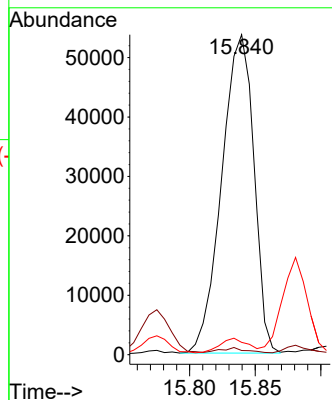
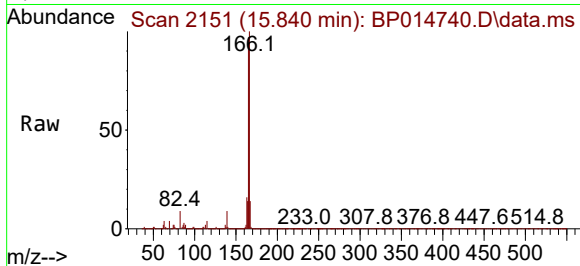




#63
4-Nitroaniline
Concen: 13.003 ng/ul
RT: 15.840 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

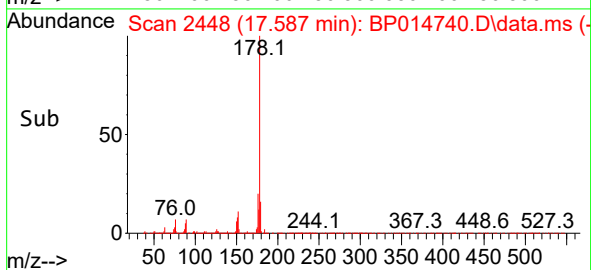
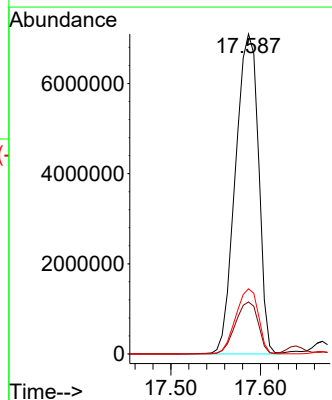
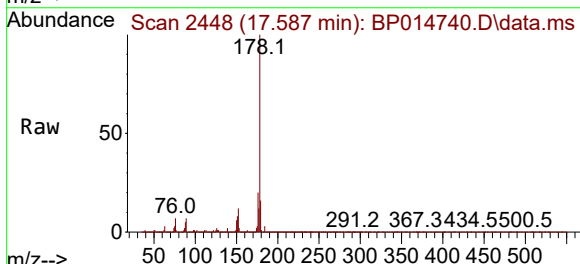
Instrument :
BNA_P
ClientSampleId :
DCBL2

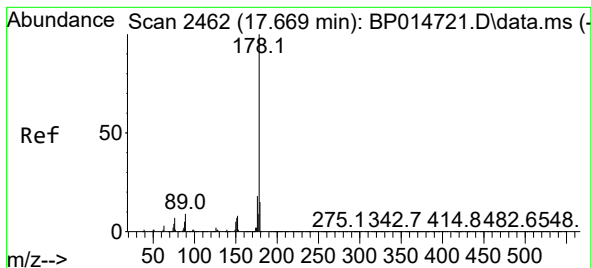
Tgt Ion:138 Resp: 91332
Ion Ratio Lower Upper
138 100
92 1.3 40.9 61.3#
108 3.8 63.8 95.6#



#72
Phenanthrene
Concen: 187.621 ng/ul
RT: 17.587 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Tgt Ion:178 Resp:12671989
Ion Ratio Lower Upper
178 100
179 16.3 12.1 18.1
176 20.4 15.3 22.9





#74

Anthracene

Concen: 5.474 ng/ul

RT: 17.669 min Scan# 2462

Delta R.T. 0.000 min

Lab File: BP014740.D

Acq: 19 Apr 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCBL2

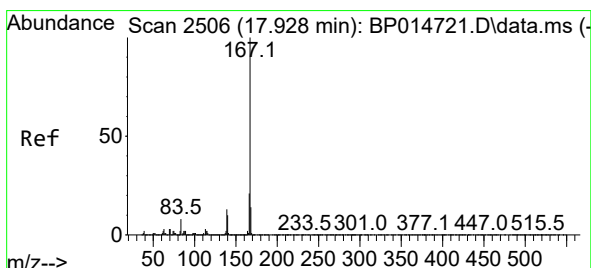
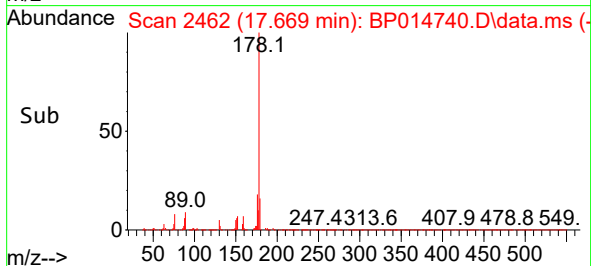
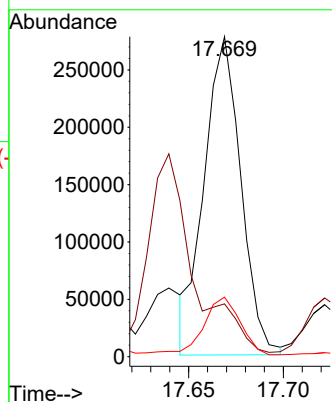
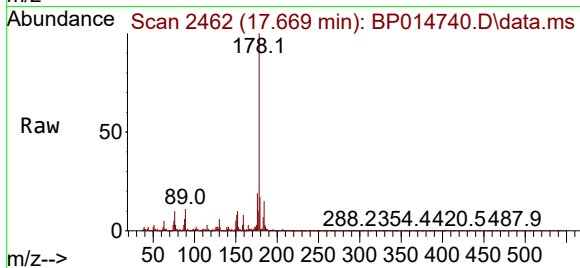
Tgt Ion:178 Resp: 374815

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

176 18.6 15.1 22.7



#77

Carbazole

Concen: 58.565 ng/ul

RT: 17.928 min Scan# 2506

Delta R.T. 0.000 min

Lab File: BP014740.D

Acq: 19 Apr 2023 21:10

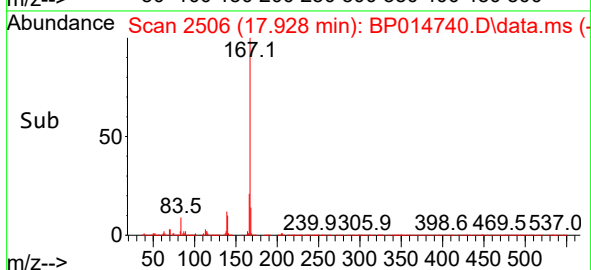
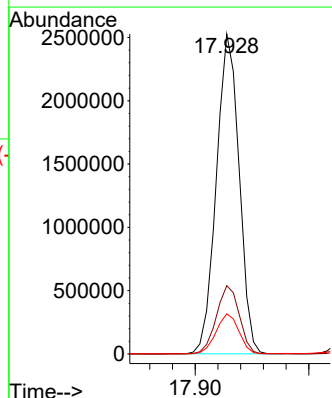
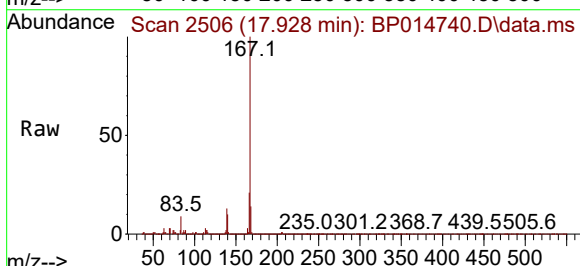
Tgt Ion:167 Resp: 3520377

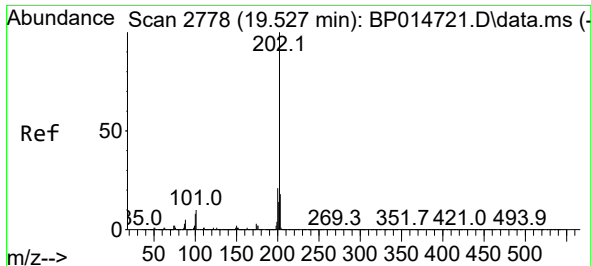
Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 12.5 10.2 15.2

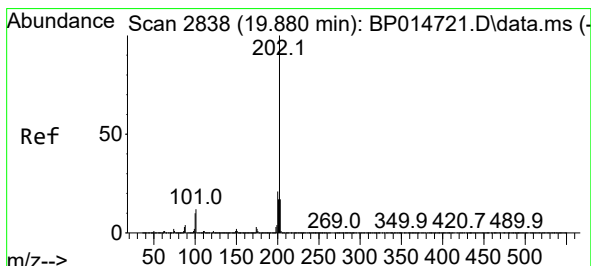
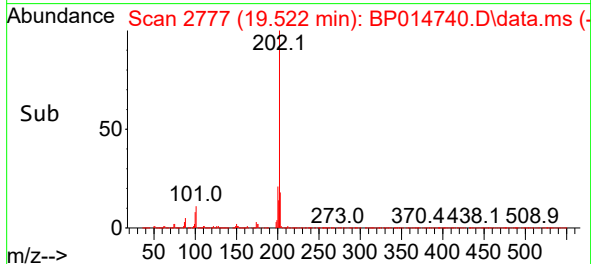
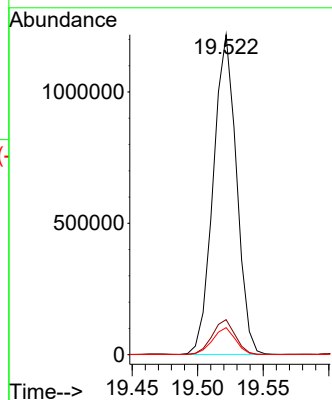
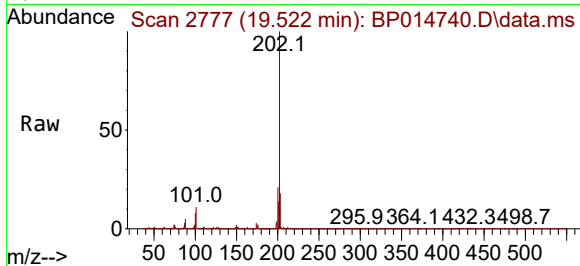




#80
Fluoranthene
Concen: 19.647 ng/ul
RT: 19.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Instrument :
BNA_P
ClientSampleId :
DCBL2

Tgt Ion:202 Resp: 1500252
Ion Ratio Lower Upper
202 100
101 10.9 8.4 12.6
100 8.4 6.4 9.6



#82
Pyrene
Concen: 9.729 ng/ul
RT: 19.875 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Tgt Ion:202 Resp: 786134
Ion Ratio Lower Upper
202 100
101 12.3 9.4 14.0
100 9.6 8.0 12.0

