

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014217.D
 Acq On : 22 Mar 2023 13:13
 Operator : CG/JU
 Sample : 01956-05
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 23 00:58:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	171112	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	707522	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.687	164	478814	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1076173	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	930458	20.000	ng/ul	# 0.00
88) Perylene-d12	24.033	264	814267	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	25131	5.549	ng/uL	0.00
4) Pyridine-d5	3.858	84	152180	12.136	ng/ul	0.01
7) Phenol-d5	7.205	99	182610	12.093	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	351569	39.922	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	370429	32.199	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	305940	24.804	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	233765	41.409	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	263480	38.990	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	446191	35.091	ng/ul	0.02
31) 4-Chloroaniline-d4	11.022	131	6332	0.376	ng/ul	0.02
46) Dimethylphthalate-d6	14.081	166	7881	0.194	ng/ul	-0.01
49) Acenaphthylene-d8	14.387	160	1633377	37.944	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	83267	11.628	ng/ul	0.03
60) Fluorene-d10	15.681	176	1320313	38.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	237209	29.163	ng/ul	0.00
73) Anthracene-d10	17.539	188	2095267	40.106	ng/ul	0.00
81) Pyrene-d10	19.763	212	2439508	47.537	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	1759240	40.617	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	12336	2.523	ng/uL#	65
5) Pyridine	3.881	79	44428	3.494	ng/ul#	64
6) Benzaldehyde	7.175	77	26103	3.474	ng/ul#	1
8) Phenol	7.234	94	34162	2.194	ng/ul#	82
13) 2-Methylphenol	8.493	108	12363	1.068	ng/ul#	75
16) Acetophenone	8.875	105	48490	2.434	ng/ul	98
18) 4-Methylphenol	8.822	108	323279	25.382	ng/ul	87
19) Hexachloroethane	9.152	117	97051	19.117	ng/ul#	1
22) Nitrobenzene	9.234	77	19139	1.267	ng/ul#	13
26) 2,4-Dimethylphenol	10.040	107	35061	2.300	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.257	93	25805	1.534	ng/ul#	76
30) Naphthalene	10.916	128	1909701	49.153	ng/ul	99
32) 4-Chloroaniline	11.063	127	27918	1.649	ng/ul#	62
36) 2-Methylnaphthalene	12.516	142	1240729	45.530	ng/ul	100
37) 1-Methylnaphthalene	12.740	142	1697601	61.979	ng/ul	100
43) 1,1'-Biphenyl	13.516	154	79362	2.153	ng/ul#	93
45) 2-Nitroaniline	13.775	65	9541	1.102	ng/ul#	42
47) Dimethylphthalate	14.151	163	736497	18.311	ng/ul#	55
48) 2,6-Dinitrotoluene	14.275	165	18486	2.325	ng/ul#	9
57) 2,4-Dinitrotoluene	15.034	165	16176	1.361	ng/ul#	59
61) Fluorene	15.734	166	81071	2.129	ng/ul#	78
72) Phenanthrene	17.481	178	105830	1.803	ng/ul#	89

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014217.D
Acq On : 22 Mar 2023 13:13
Operator : CG/JU
Sample : 01956-05
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Mar 23 00:58:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 22 03:05:29 2023
Response via : Initial Calibration

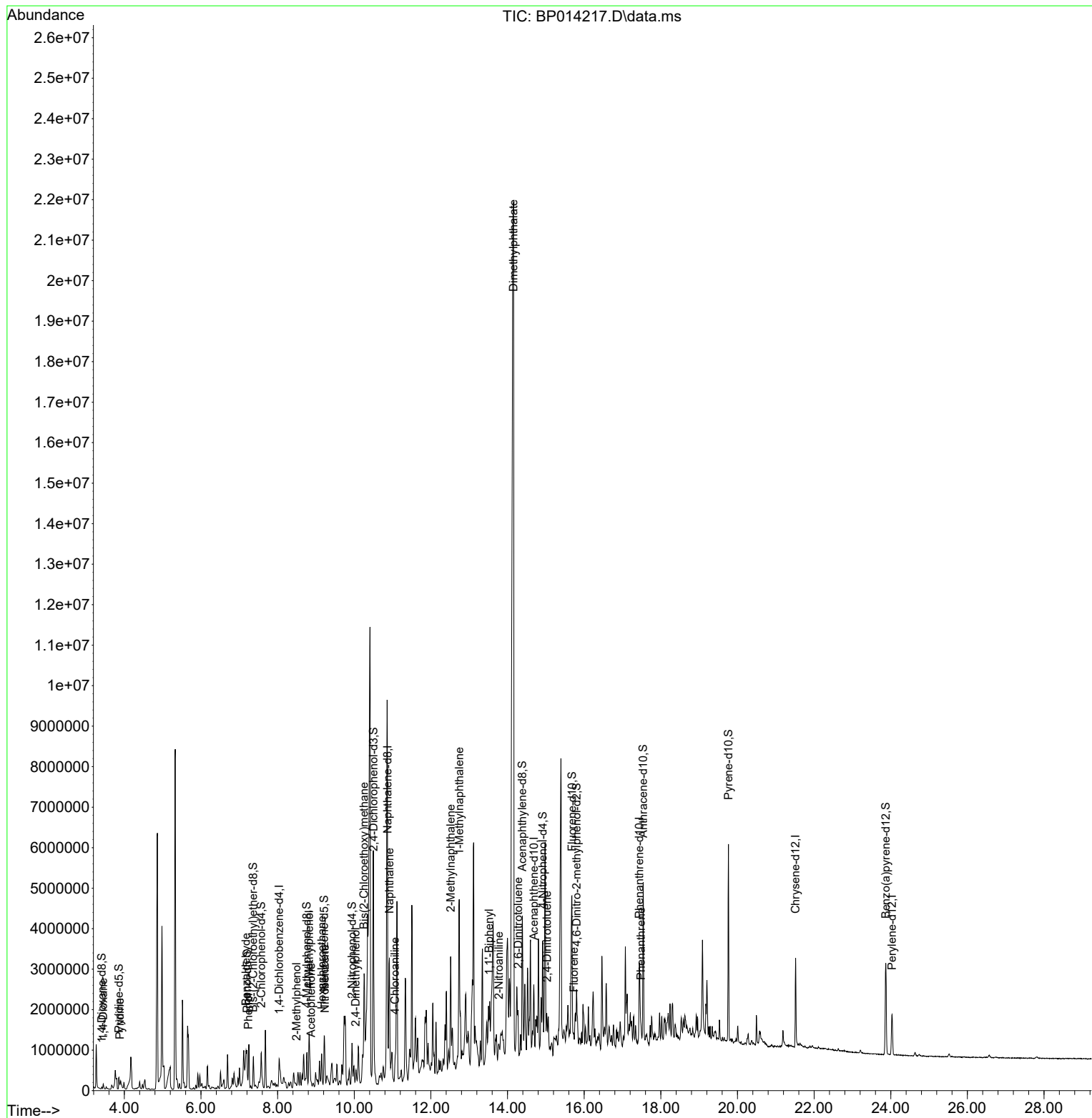
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

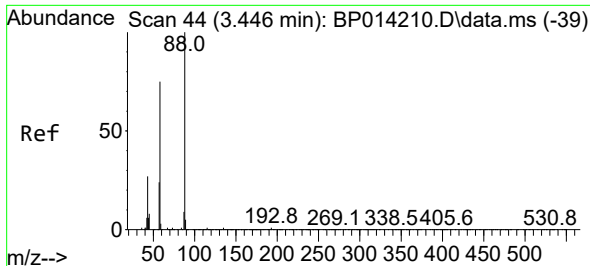
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014217.D
Acq On : 22 Mar 2023 13:13
Operator : CG/JU
Sample : 01956-05
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Mar 23 00:58:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 22 03:05:29 2023
Response via : Initial Calibration

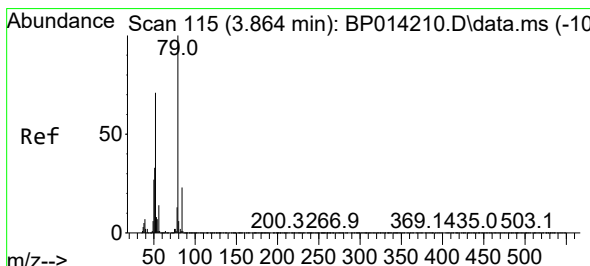
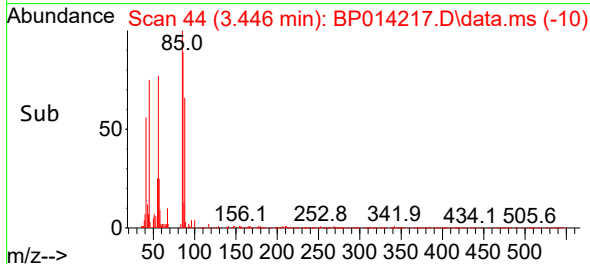
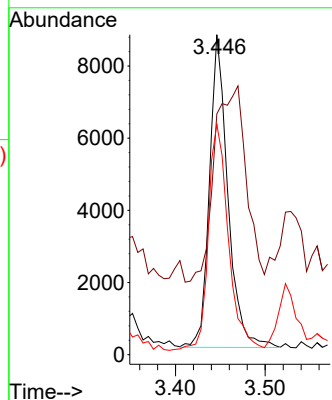
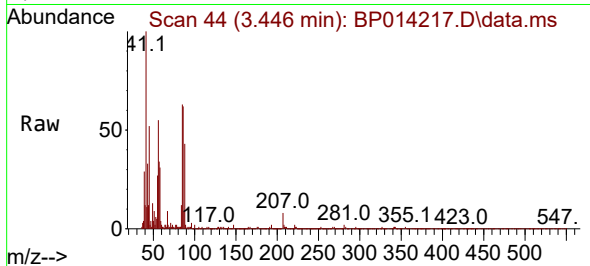




#2
1,4-Dioxane
Concen: 2.523 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

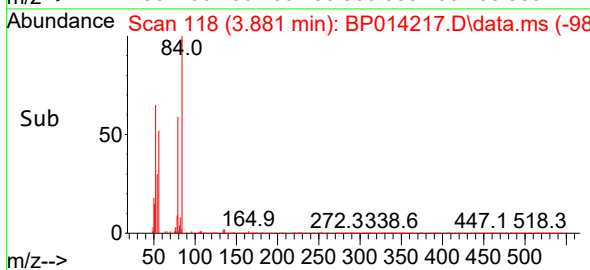
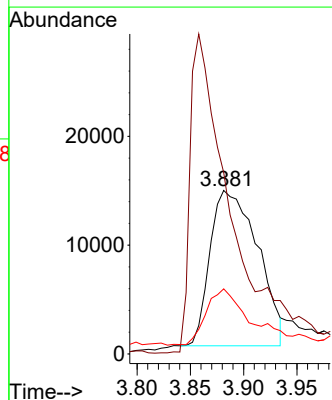
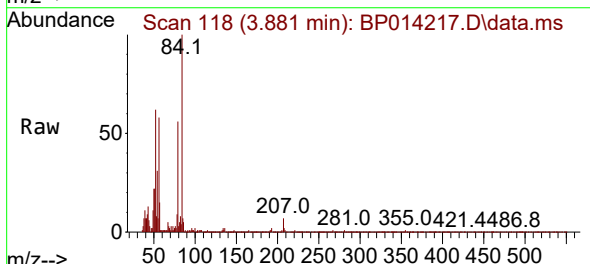
Instrument :
BNA_P
ClientSampleId :

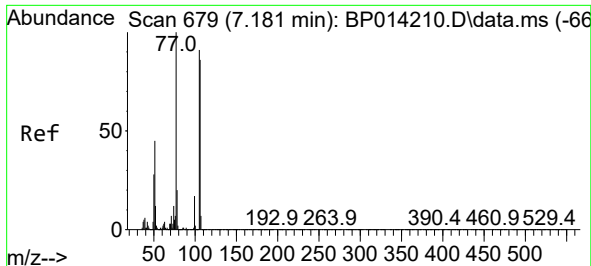
Tgt Ion: 88 Resp: 12336
Ion Ratio Lower Upper
88 100
43 75.2 23.9 35.9#
58 72.0 50.2 75.2



#5
Pyridine
Concen: 3.494 ng/uL
RT: 3.881 min Scan# 118
Delta R.T. 0.018 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

Tgt Ion: 79 Resp: 44428
Ion Ratio Lower Upper
79 100
52 110.9 55.1 82.7#
51 39.9 28.9 43.3

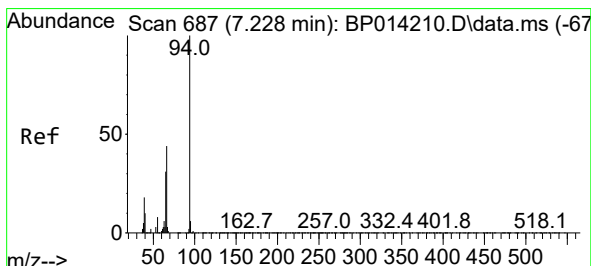
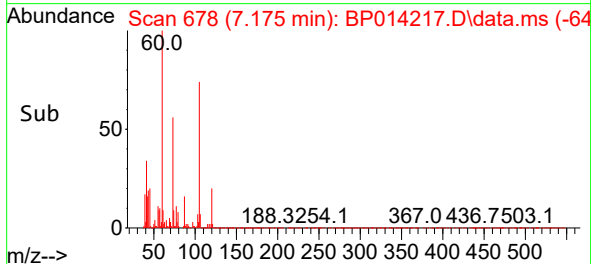
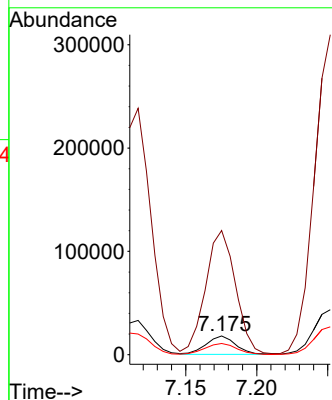
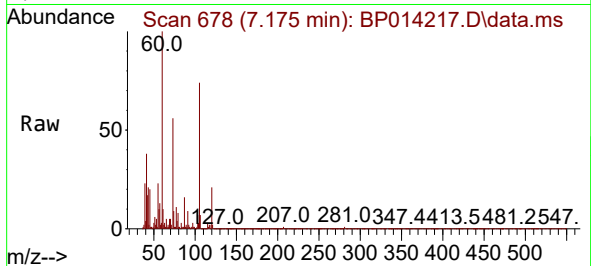




#6
Benzaldehyde
Concen: 3.474 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

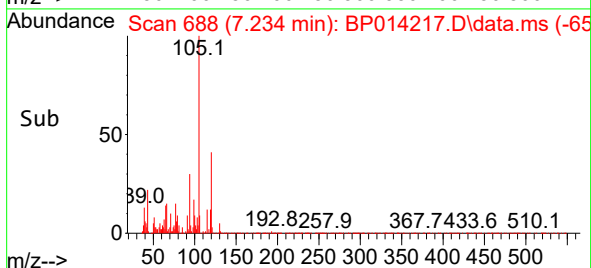
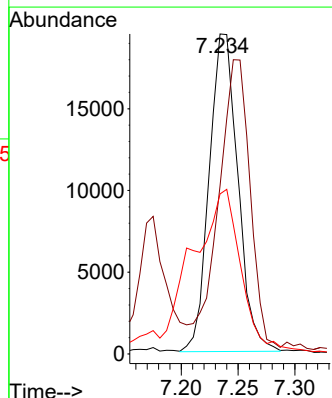
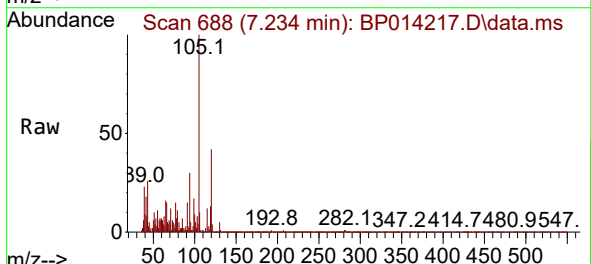
Instrument :
BNA_P
ClientSampleId :

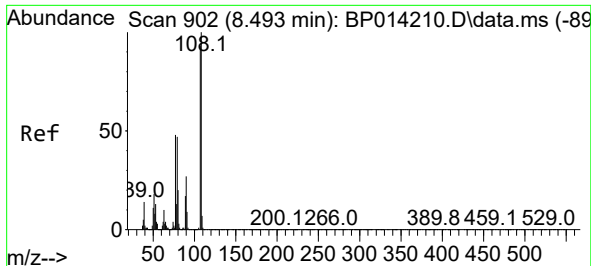
Tgt Ion: 77 Resp: 26103
Ion Ratio Lower Upper
77 100
105 661.9 74.2 111.2#
106 60.1 69.8 104.8#



#8
Phenol
Concen: 2.194 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

Tgt Ion: 94 Resp: 34162
Ion Ratio Lower Upper
94 100
65 52.5 25.2 37.8#
66 50.0 37.2 55.8





#13

2-Methylphenol

Concen: 1.068 ng/ul

RT: 8.493 min Scan# 902

Delta R.T. 0.000 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

Instrument :

BNA_P

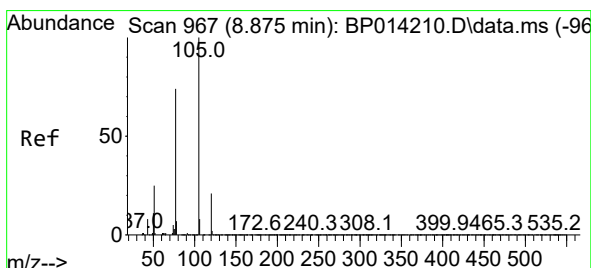
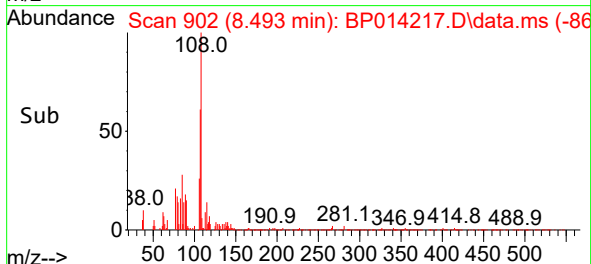
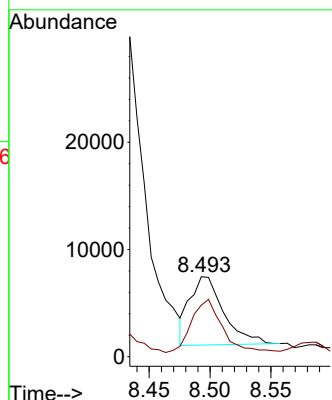
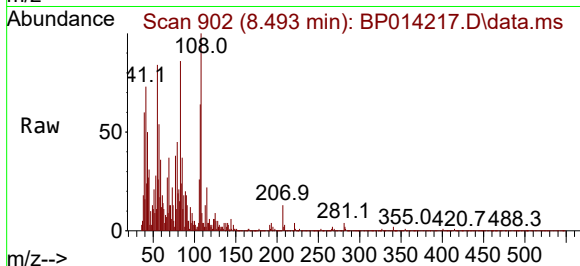
ClientSampleId :

Tgt Ion:108 Resp: 12363

Ion Ratio Lower Upper

108 100

107 64.4 70.5 105.7#



#16

Acetophenone

Concen: 2.434 ng/ul

RT: 8.875 min Scan# 967

Delta R.T. -0.006 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

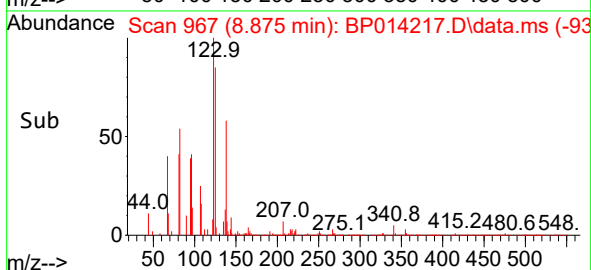
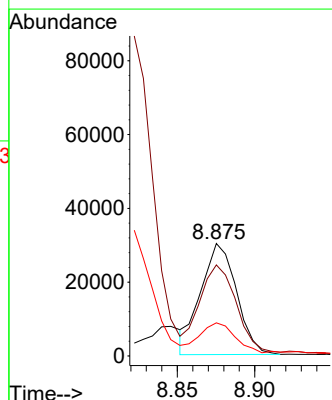
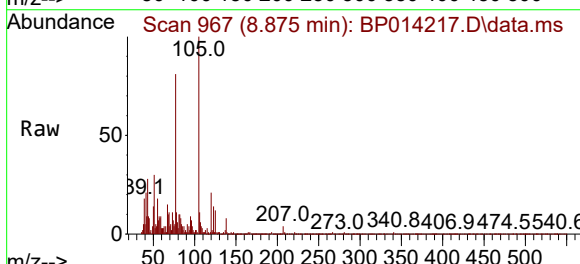
Tgt Ion:105 Resp: 48490

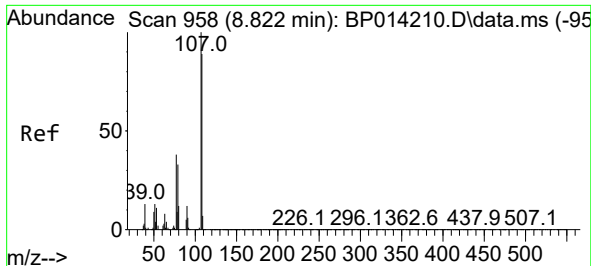
Ion Ratio Lower Upper

105 100

77 81.0 65.4 98.2

51 29.5 21.8 32.8





#18

4-Methylphenol

Concen: 25.382 ng/ul

RT: 8.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

Instrument :

BNA_P

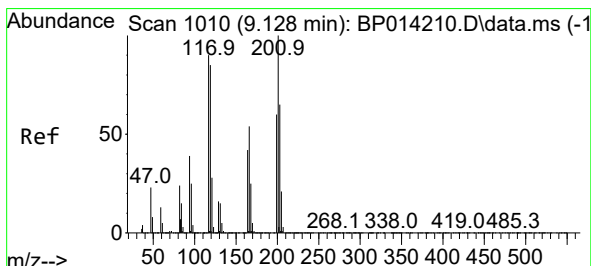
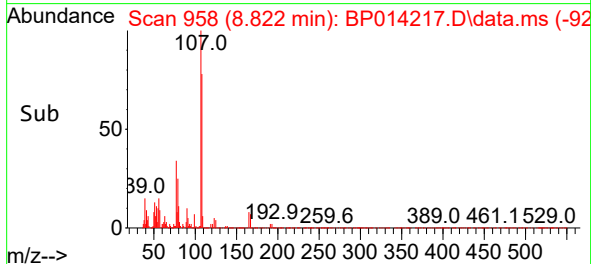
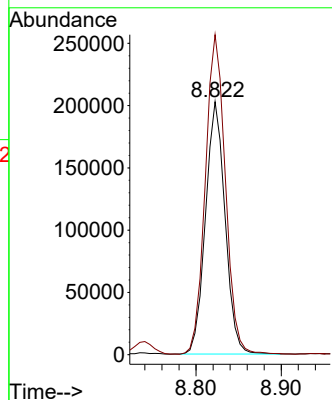
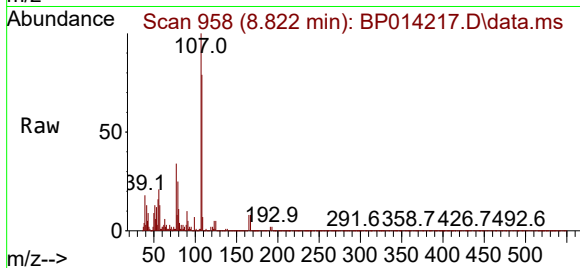
ClientSampleId :

Tgt Ion:108 Resp: 323279

Ion Ratio Lower Upper

108 100

107 126.5 89.8 134.6



#19

Hexachloroethane

Concen: 19.117 ng/ul

RT: 9.152 min Scan# 1014

Delta R.T. 0.024 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

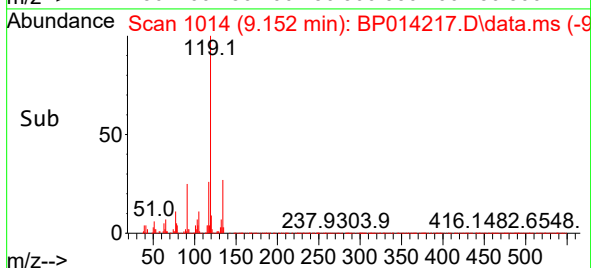
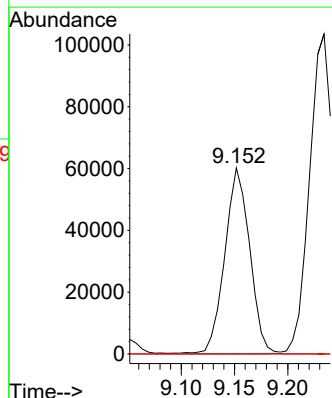
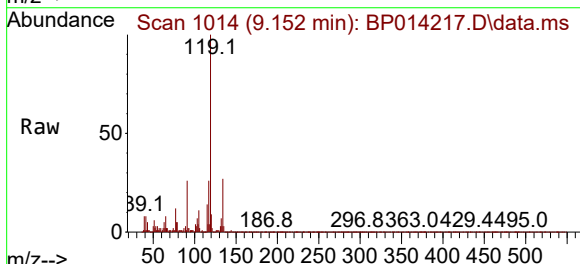
Tgt Ion:117 Resp: 97051

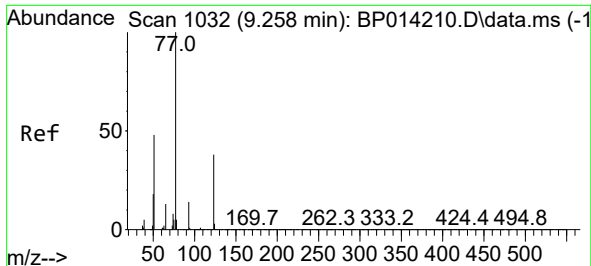
Ion Ratio Lower Upper

117 100

201 0.0 91.7 137.5#

199 0.0 59.1 88.7#

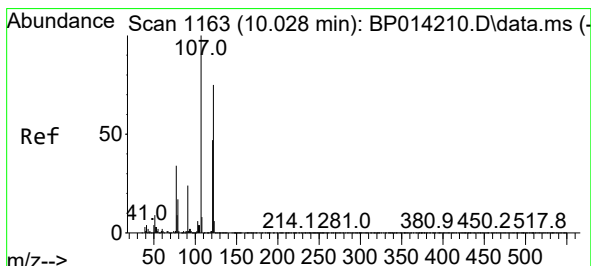
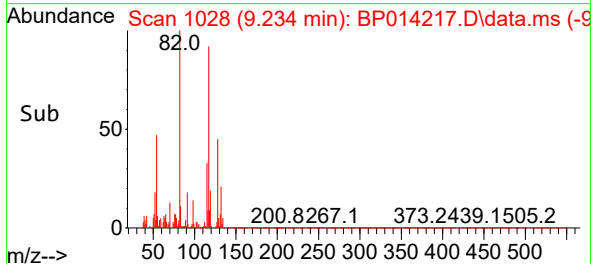
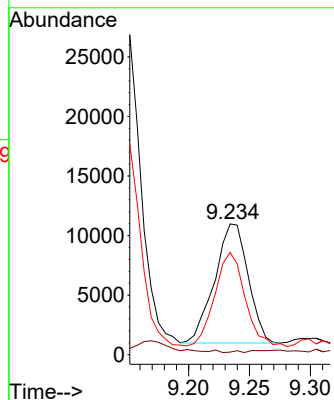
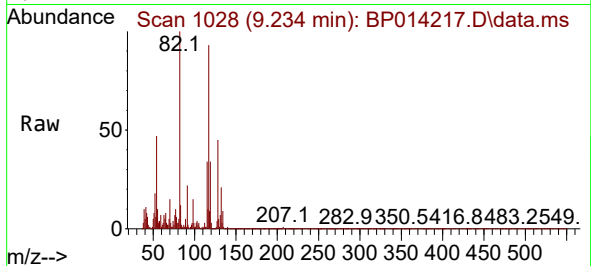




#22
Nitrobenzene
Concen: 1.267 ng/ul
RT: 9.234 min Scan# 1032
Delta R.T. -0.029 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

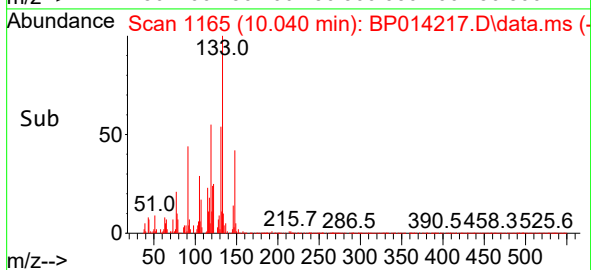
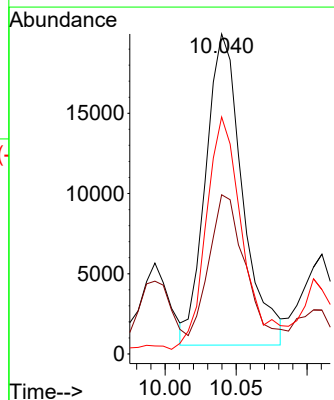
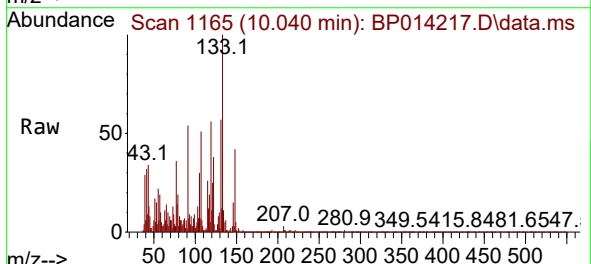
Instrument :
BNA_P
ClientSampleId :

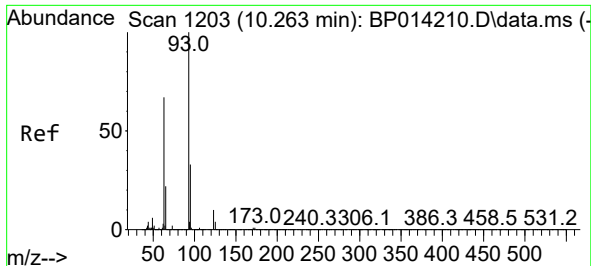
Tgt Ion: 77 Resp: 19139
Ion Ratio Lower Upper
77 100
123 1.9 32.6 48.8#
65 78.2 11.2 16.8#



#26
2,4-Dimethylphenol
Concen: 2.300 ng/ul
RT: 10.040 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

Tgt Ion: 107 Resp: 35061
Ion Ratio Lower Upper
107 100
121 49.7 37.1 55.7
122 74.1 61.2 91.8

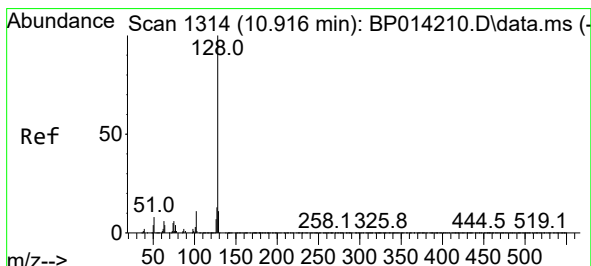
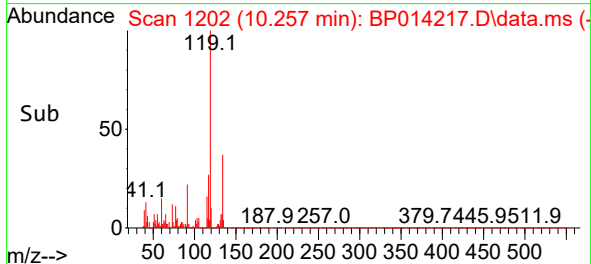
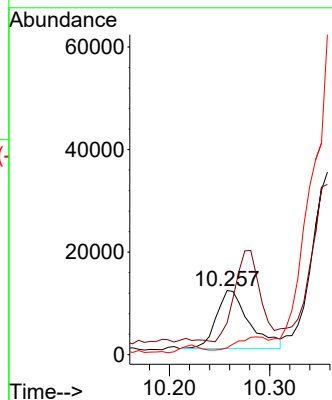
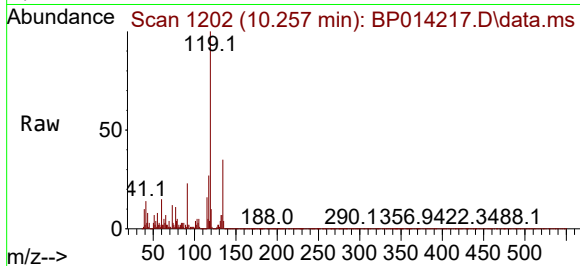




#27
Bis(2-Chloroethoxy)methane
Concen: 1.534 ng/ul
RT: 10.257 min Scan# 119
Delta R.T. -0.012 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

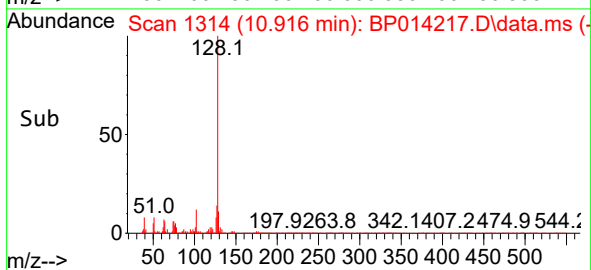
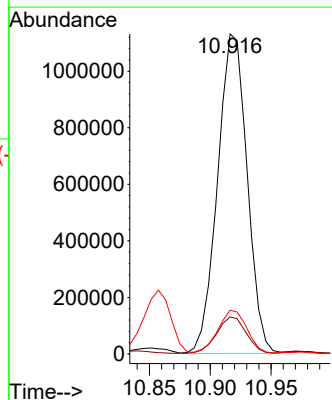
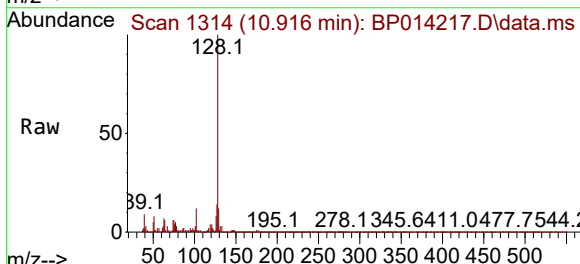
Instrument :
BNA_P
ClientSampleId :

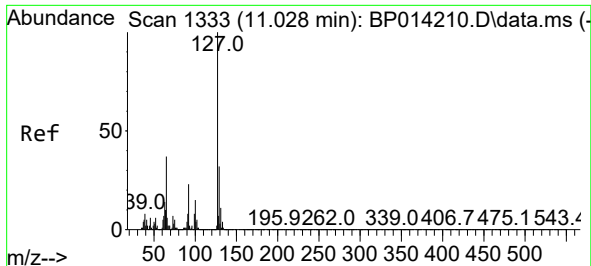
Tgt Ion: 93 Resp: 25805
Ion Ratio Lower Upper
93 100
95 49.7 25.6 38.4#
123 10.7 8.5 12.7



#30
Naphthalene
Concen: 49.153 ng/ul
RT: 10.916 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

Tgt Ion:128 Resp: 1909701
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.7 11.0 16.4

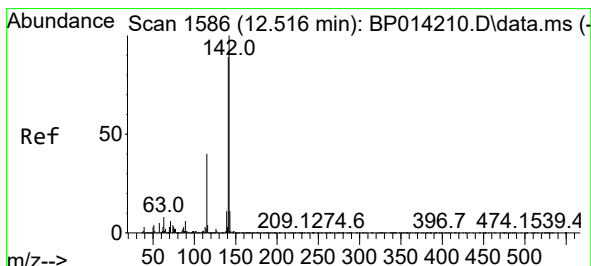
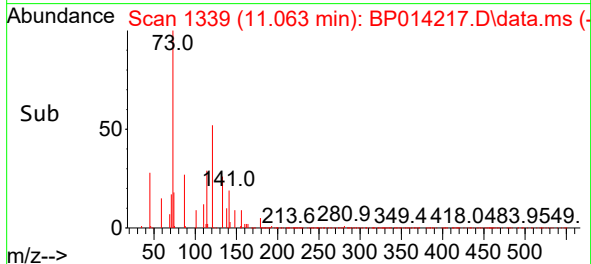
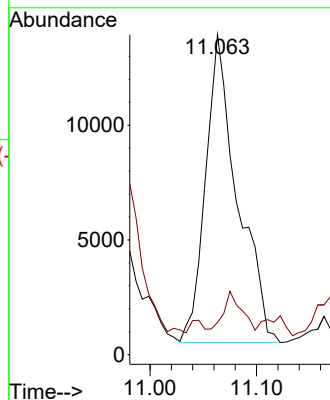
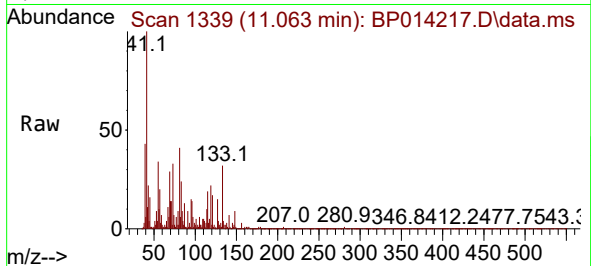




#32
4-Chloroaniline
Concen: 1.649 ng/ul
RT: 11.063 min Scan# 11
Delta R.T. 0.030 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

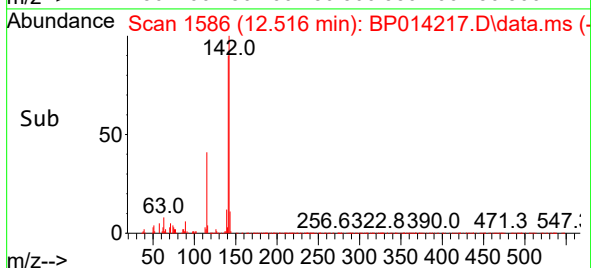
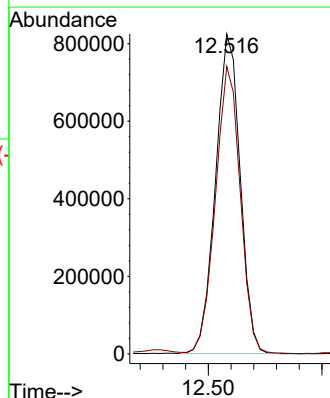
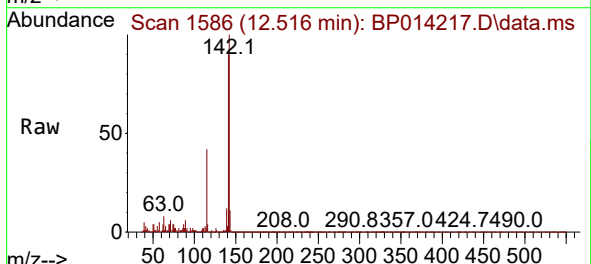
Instrument :
BNA_P
ClientSampleId :

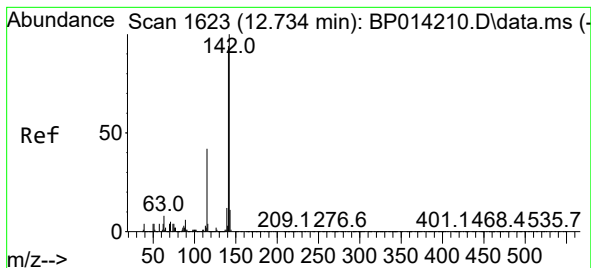
Tgt Ion:127 Resp: 27918
Ion Ratio Lower Upper
127 100
129 10.1 24.9 37.3#



#36
2-Methylnaphthalene
Concen: 45.530 ng/ul
RT: 12.516 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

Tgt Ion:142 Resp: 1240729
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5





#37

1-Methylnaphthalene

Concen: 61.979 ng/ul

RT: 12.740 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

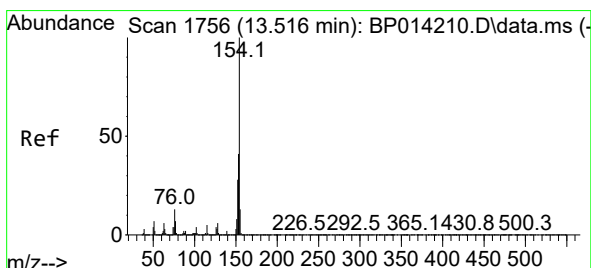
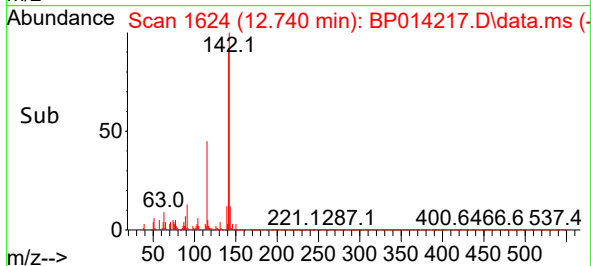
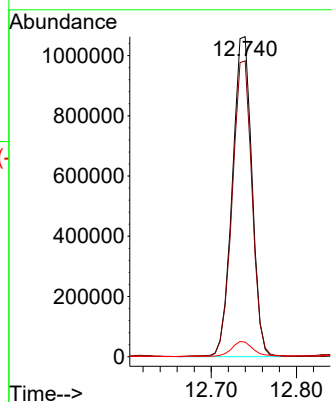
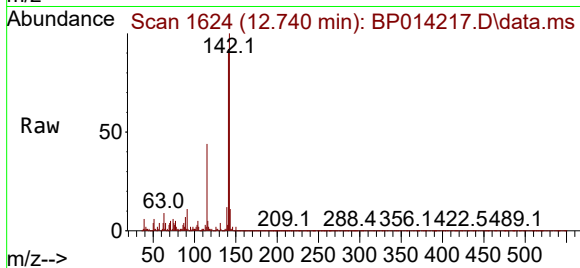
Tgt Ion:142 Resp: 1697601

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.6

116 4.6 3.7 5.5



#43

1,1'-Biphenyl

Concen: 2.153 ng/ul

RT: 13.516 min Scan# 1756

Delta R.T. 0.000 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

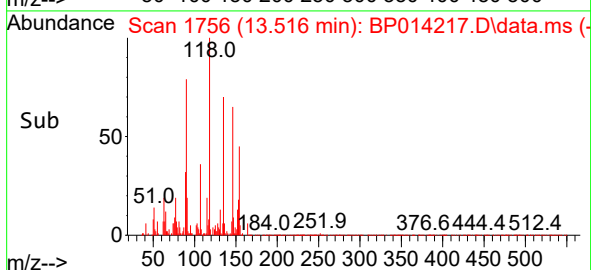
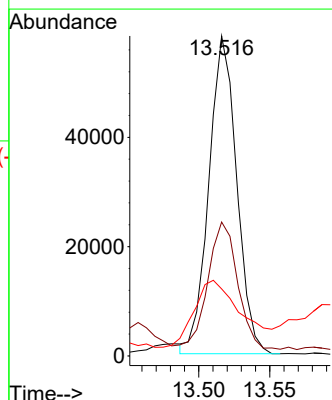
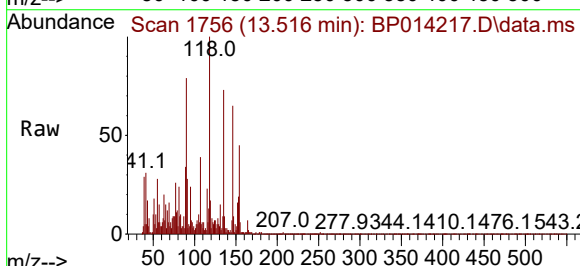
Tgt Ion:154 Resp: 79362

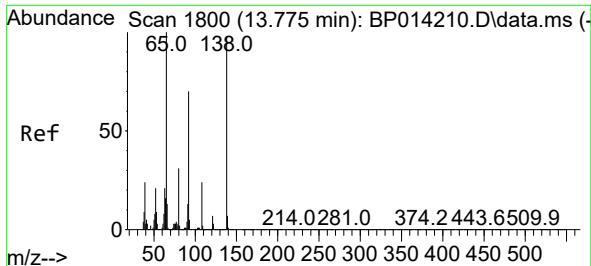
Ion Ratio Lower Upper

154 100

153 41.9 32.6 49.0

76 20.9 9.4 14.0#

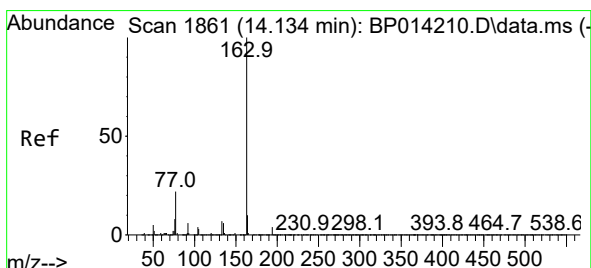
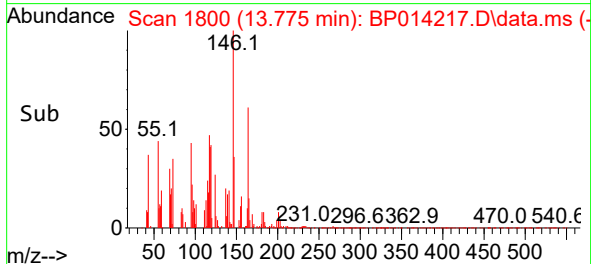
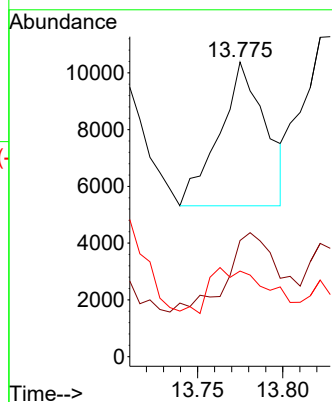
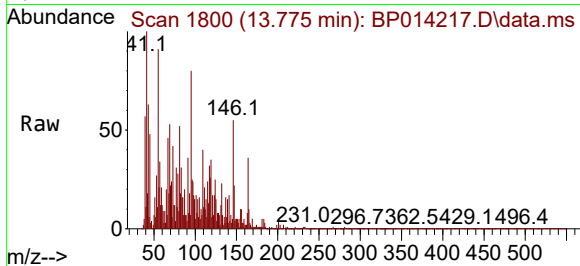




#45
2-Nitroaniline
Concen: 1.102 ng/ul
RT: 13.775 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

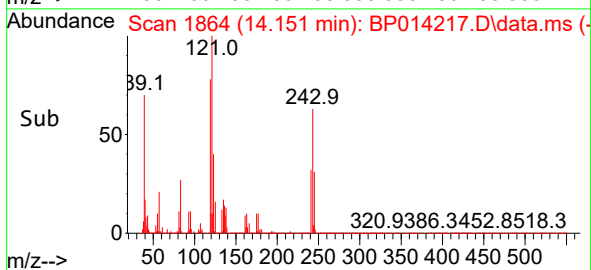
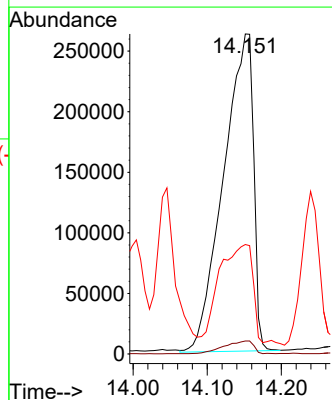
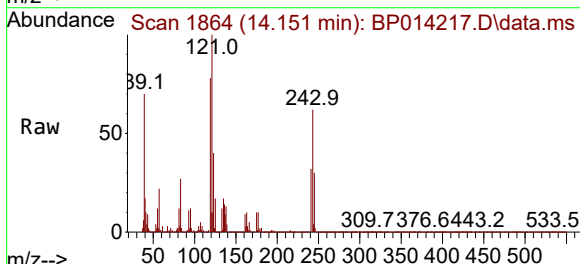
Instrument :
BNA_P
ClientSampleId :

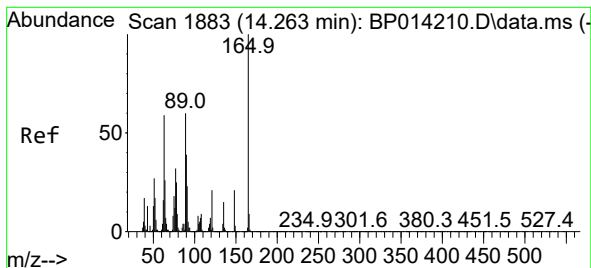
Tgt Ion: 65 Resp: 9541
Ion Ratio Lower Upper
65 100
92 39.5 56.3 84.5#
138 29.1 81.4 122.2#



#47
Dimethylphthalate
Concen: 18.311 ng/ul
RT: 14.151 min Scan# 1864
Delta R.T. 0.012 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

Tgt Ion: 163 Resp: 736497
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 34.2 8.2 12.4#





#48

2,6-Dinitrotoluene

Concen: 2.325 ng/ul

RT: 14.275 min Scan# 1885

Delta R.T. 0.012 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

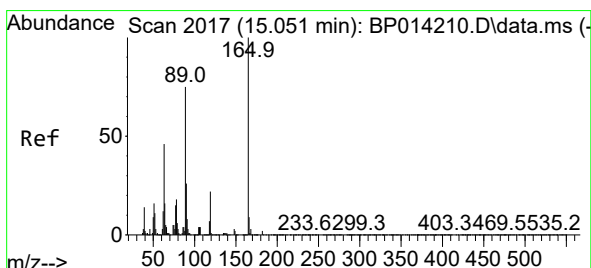
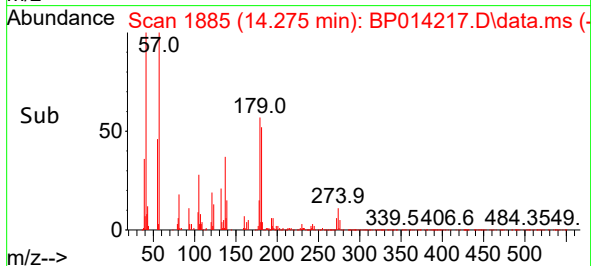
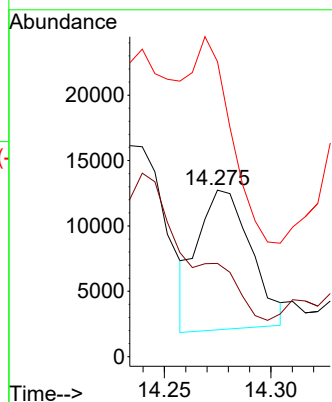
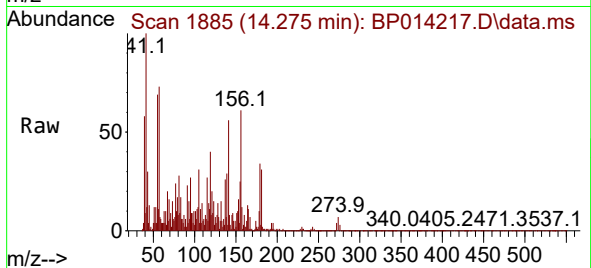
Tgt Ion:165 Resp: 18486

Ion Ratio Lower Upper

165 100

89 56.0 51.7 77.5

121 177.1 17.5 26.3#



#57

2,4-Dinitrotoluene

Concen: 1.361 ng/ul

RT: 15.034 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

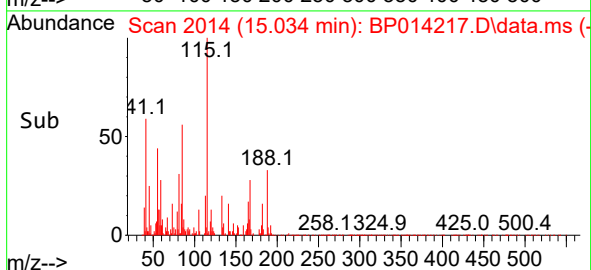
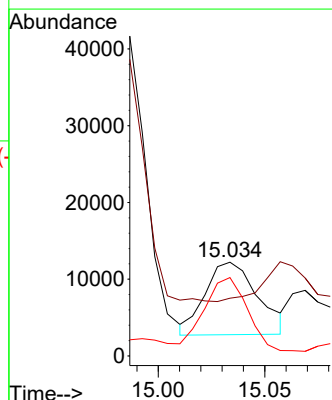
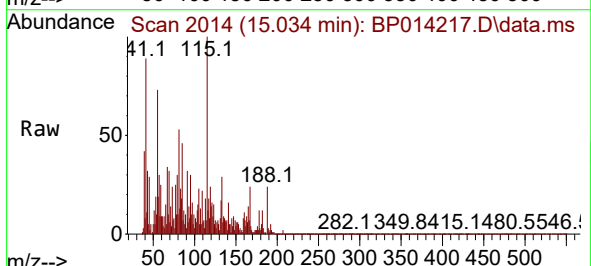
Tgt Ion:165 Resp: 16176

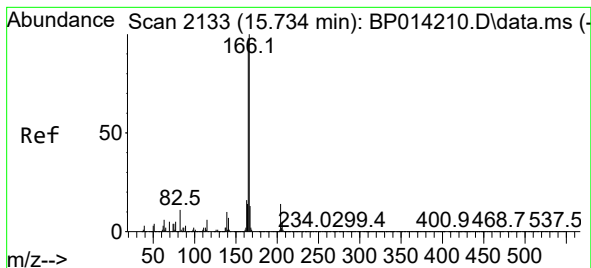
Ion Ratio Lower Upper

165 100

63 61.7 34.6 52.0#

182 83.7 2.2 3.2#





#61

Fluorene

Concen: 2.129 ng/ul

RT: 15.734 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

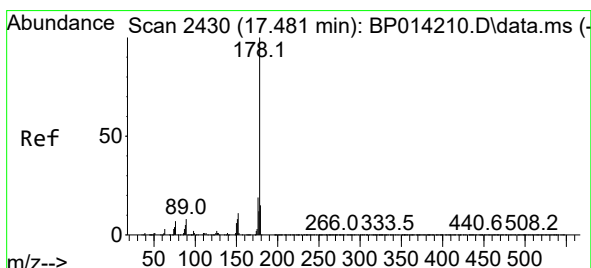
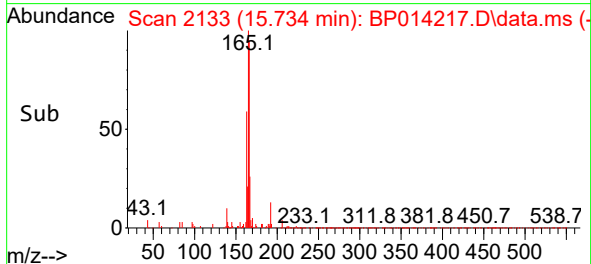
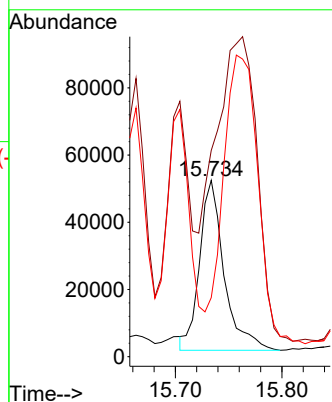
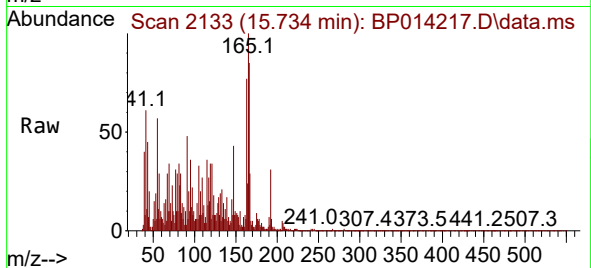
Tgt Ion:166 Resp: 81071

Ion Ratio Lower Upper

166 100

165 117.0 78.9 118.3

167 33.5 11.0 16.6#



#72

Phenanthrene

Concen: 1.803 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

Tgt Ion:178 Resp: 105830

Ion Ratio Lower Upper

178 100

179 23.3 12.2 18.4#

176 21.2 15.4 23.0

