

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014216.D
 Acq On : 22 Mar 2023 12:39
 Operator : CG/JU
 Sample : 01956-04
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 23 00:58:30 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	191692	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	804433	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.687	164	543715	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1240519	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	970306	20.000	ng/ul	# 0.00
88) Perylene-d12	24.033	264	889122	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	21325	4.203	ng/uL	0.00
4) Pyridine-d5	3.852	84	156003	11.105	ng/ul	0.00
7) Phenol-d5	7.210	99	177513	10.494	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	331542	33.606	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	353849	27.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	291683	21.109	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	222690	34.695	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	258077	33.589	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	424233	29.345	ng/ul	0.02
31) 4-Chloroaniline-d4	11.022	131	65243	3.410	ng/ul	0.02
46) Dimethylphthalate-d6	14.145	166	1301619	28.208	ng/ul	0.05
49) Acenaphthylene-d8	14.387	160	1607636	32.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	80008	9.839	ng/ul	0.02
60) Fluorene-d10	15.681	176	1320042	33.755	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	232593	24.808	ng/ul	0.00
73) Anthracene-d10	17.539	188	2106448	34.978	ng/ul	0.00
81) Pyrene-d10	19.763	212	2352732	43.964	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1678926	35.499	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	11084	2.024	ng/uL#	52
5) Pyridine	3.875	79	51835	3.639	ng/ul#	67
6) Benzaldehyde	7.175	77	15753	1.872	ng/ul#	1
8) Phenol	7.240	94	23172	1.328	ng/ul#	51
16) Acetophenone	8.875	105	75151	3.367	ng/ul	98
18) 4-Methylphenol	8.822	108	272815	19.121	ng/ul	85
19) Hexachloroethane	9.152	117	68779	12.094	ng/ul#	1
26) 2,4-Dimethylphenol	10.040	107	20633	1.190	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.257	93	19149	1.001	ng/ul#	68
30) Naphthalene	10.922	128	1250560	28.310	ng/ul	99
32) 4-Chloroaniline	11.069	127	41333	2.147	ng/ul#	55
36) 2-Methylnaphthalene	12.516	142	857548	27.678	ng/ul	100
37) 1-Methylnaphthalene	12.734	142	1199492	38.517	ng/ul	98
43) 1,1'-Biphenyl	13.516	154	61146	1.461	ng/ul#	85
47) Dimethylphthalate	14.157	163	775867	16.987	ng/ul#	54
48) 2,6-Dinitrotoluene	14.251	165	26692	2.956	ng/ul#	48
55) 4-Nitrophenol	14.892	109	10314	1.174	ng/ul#	51
57) 2,4-Dinitrotoluene	15.034	165	19842	1.471	ng/ul#	86
61) Fluorene	15.734	166	71008	1.642	ng/ul#	78
63) 4-Nitroaniline	15.781	138	12316	1.499	ng/ul#	48
72) Phenanthrene	17.481	178	76141	1.125	ng/ul#	87

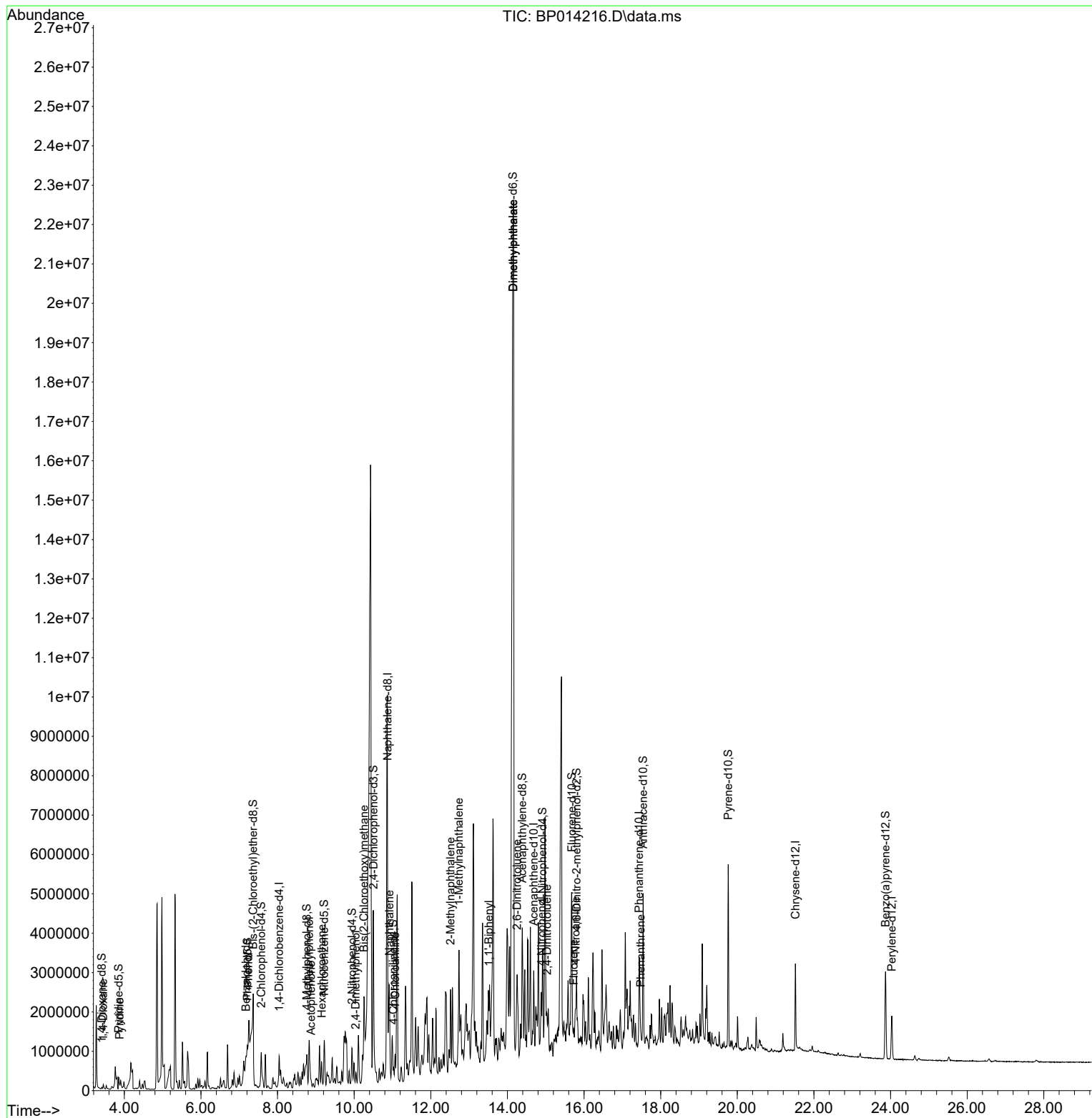
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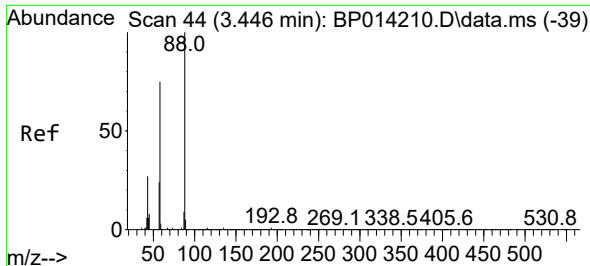
Instrument :
BNA_P
ClientSampleId :

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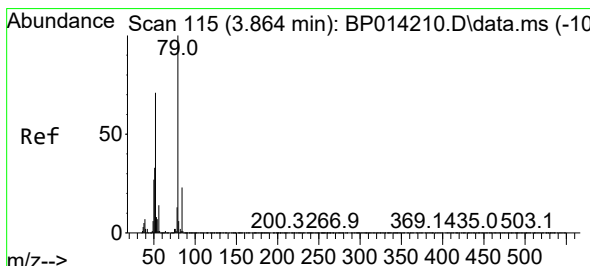
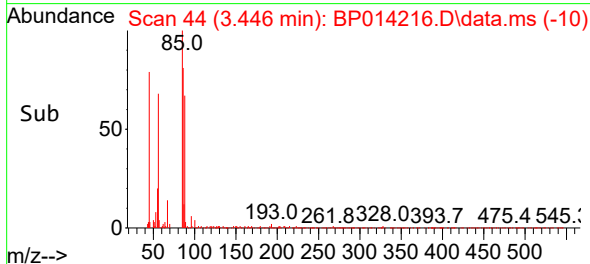
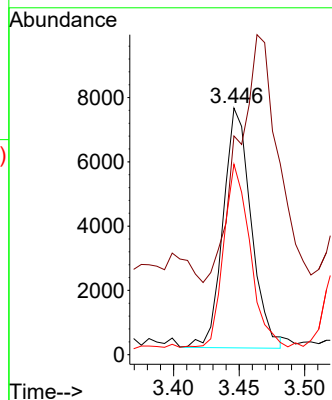
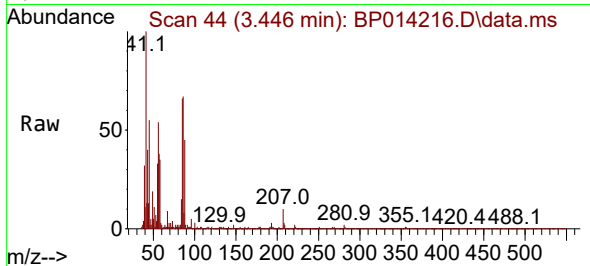




#2
 1,4-Dioxane
 Concen: 2.024 ng/uL
 RT: 3.446 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BP014216.D
 Acq: 22 Mar 2023 12:39

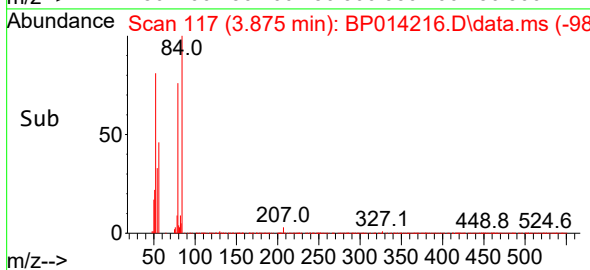
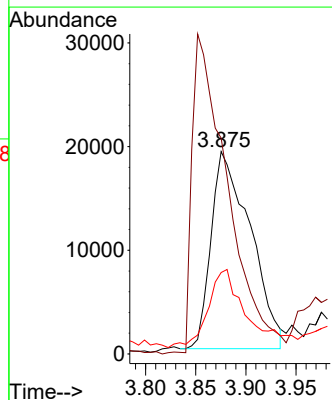
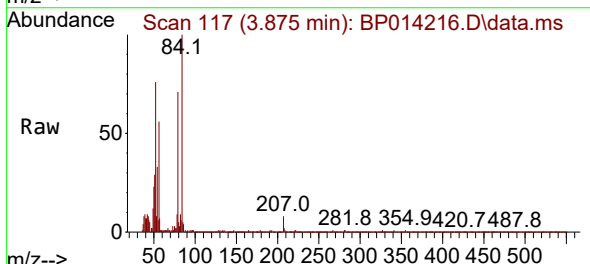
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 BNA_P
 ClientSampleId :

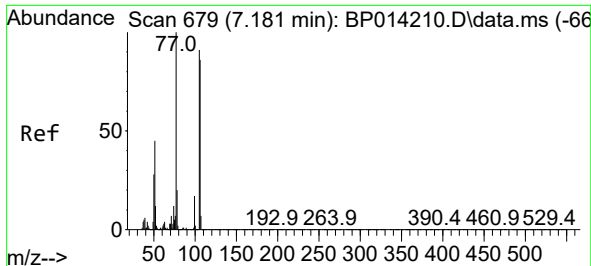
Tgt Ion: 88 Resp: 11084
 Ion Ratio Lower Upper
 88 100
 43 88.7 23.9 35.9#
 58 77.2 50.2 75.2#



#5
 Pyridine
 Concen: 3.639 ng/uL
 RT: 3.875 min Scan# 117
 Delta R.T. 0.012 min
 Lab File: BP014216.D
 Acq: 22 Mar 2023 12:39

Tgt Ion: 79 Resp: 51835
 Ion Ratio Lower Upper
 79 100
 52 106.6 55.1 82.7#
 51 40.2 28.9 43.3

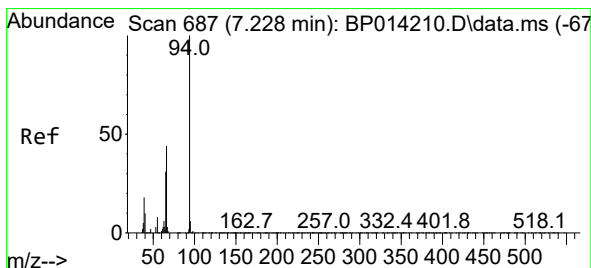
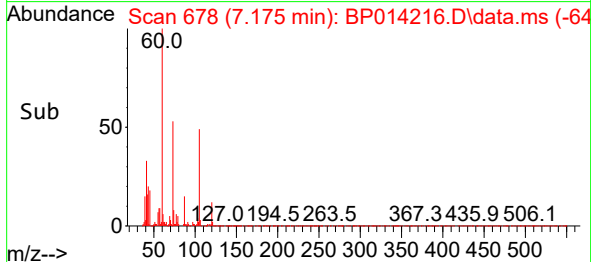
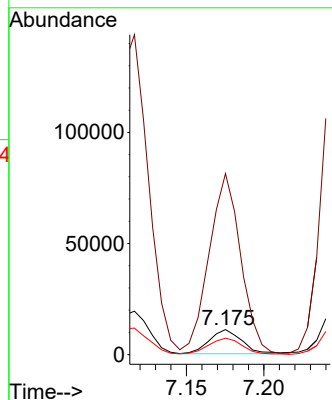
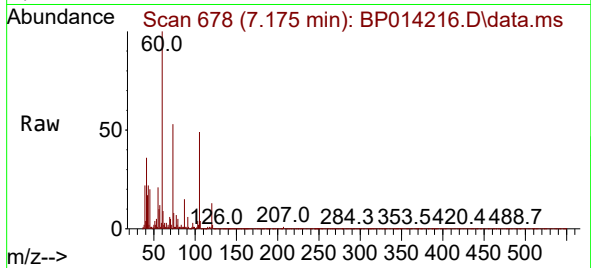




#6
Benzaldehyde
Concen: 1.872 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

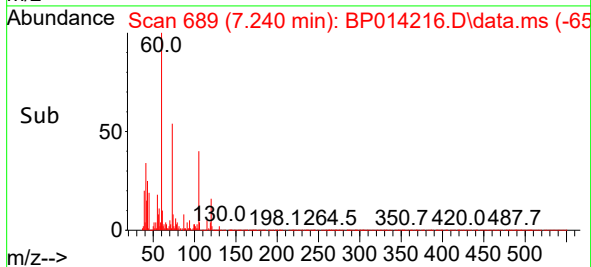
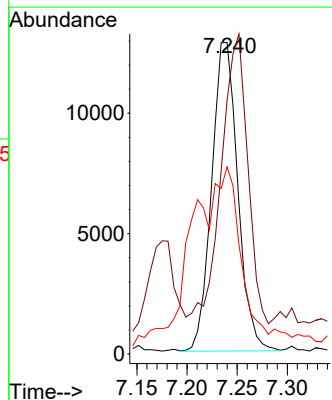
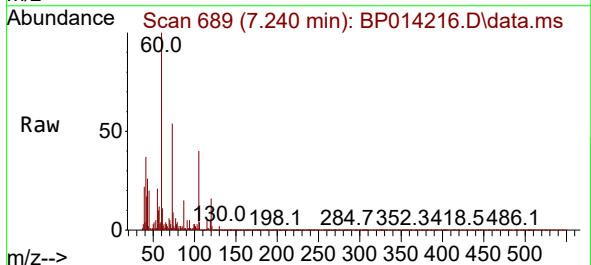
Instrument :
BNA_P
ClientSampleId :

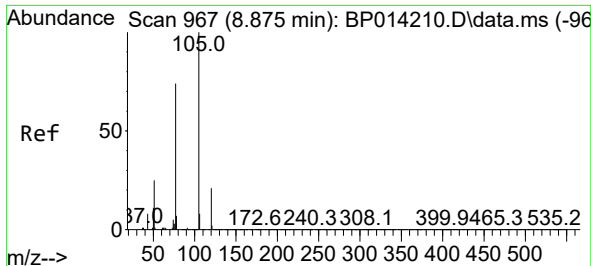
Tgt Ion: 77 Resp: 15753
Ion Ratio Lower Upper
77 100
105 722.8 74.2 111.2#
106 65.8 69.8 104.8#



#8
Phenol
Concen: 1.328 ng/ul
RT: 7.240 min Scan# 689
Delta R.T. 0.006 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

Tgt Ion: 94 Resp: 23172
Ion Ratio Lower Upper
94 100
65 81.4 25.2 37.8#
66 60.1 37.2 55.8#

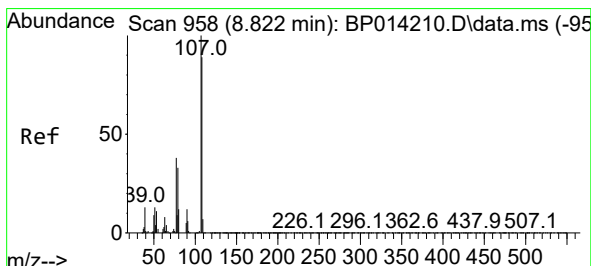
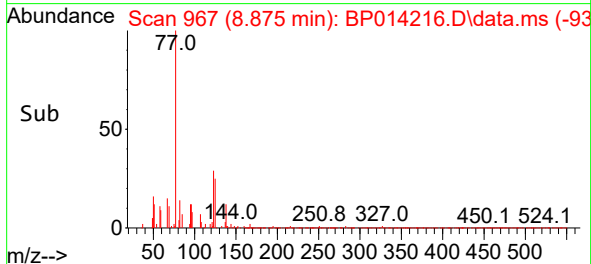
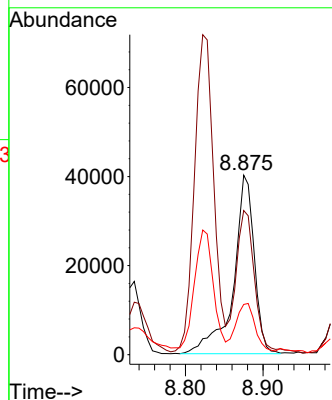
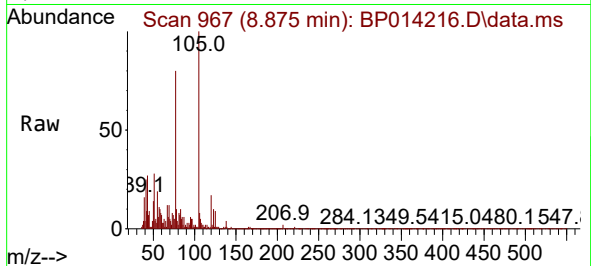




#16
Acetophenone
Concen: 3.367 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

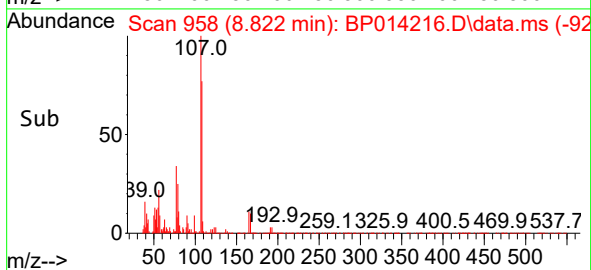
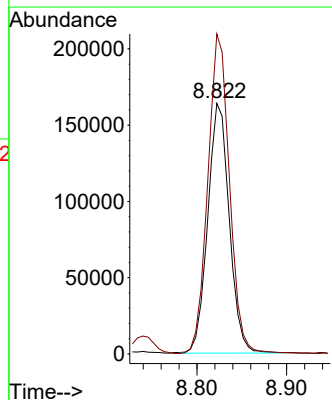
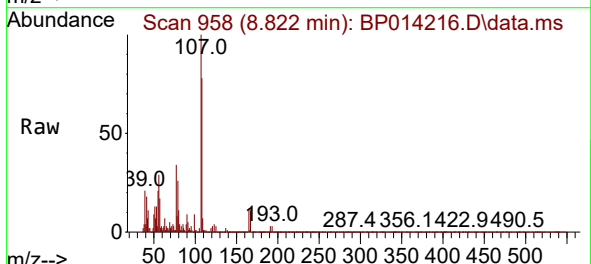
Instrument :
BNA_P
ClientSampleId :

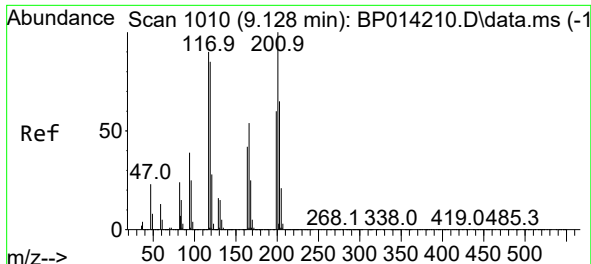
Tgt Ion:105 Resp: 75151
Ion Ratio Lower Upper
105 100
77 80.3 65.4 98.2
51 28.0 21.8 32.8



#18
4-Methylphenol
Concen: 19.121 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

Tgt Ion:108 Resp: 272815
Ion Ratio Lower Upper
108 100
107 127.7 89.8 134.6

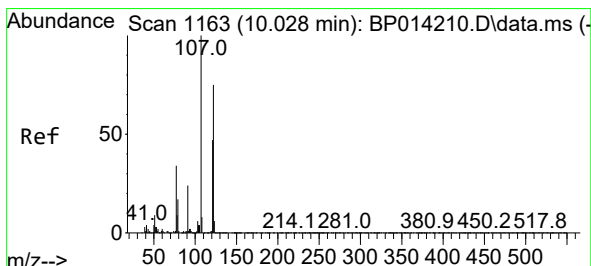
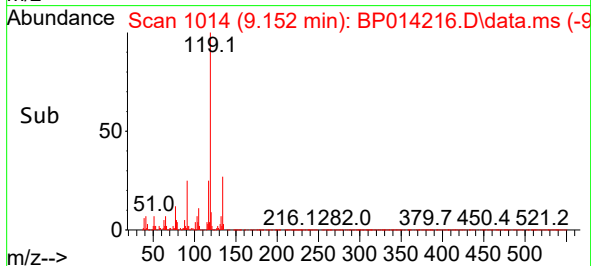
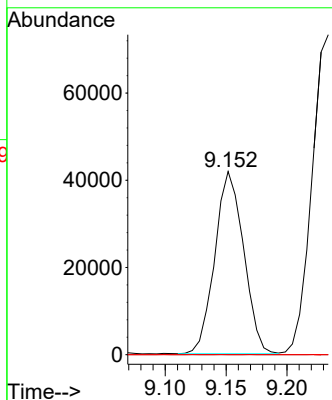
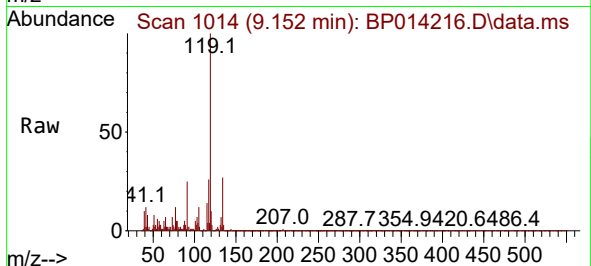




#19
Hexachloroethane
Concen: 12.094 ng/ul
RT: 9.152 min Scan# 1014
Delta R.T. 0.024 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

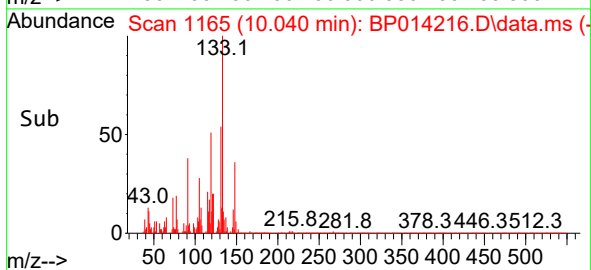
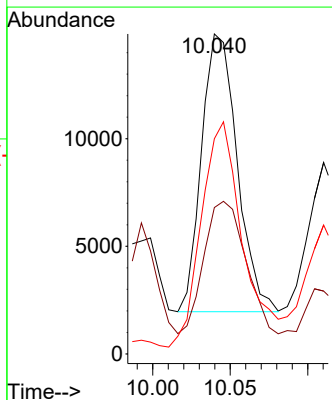
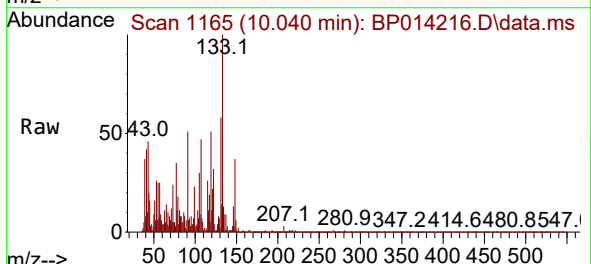
Instrument :
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ClientSampleId :

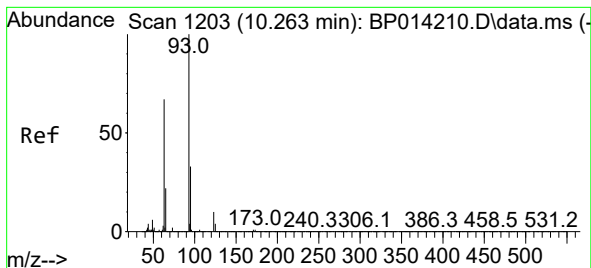
Tgt Ion:117 Resp: 68779
Ion Ratio Lower Upper
117 100
201 0.0 91.7 137.5#
199 0.0 59.1 88.7#



#26
2,4-Dimethylphenol
Concen: 1.190 ng/ul
RT: 10.040 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

Tgt Ion:107 Resp: 20633
Ion Ratio Lower Upper
107 100
121 45.8 37.1 55.7
122 67.3 61.2 91.8





#27

Bis(2-Chloroethoxy)methane

Concen: 1.001 ng/ul

RT: 10.257 min Scan# 119

Delta R.T. -0.012 min

Lab File: BP014216.D

Acq: 22 Mar 2023 12:39

Instrument :

BNA_P

ClientSampleId :

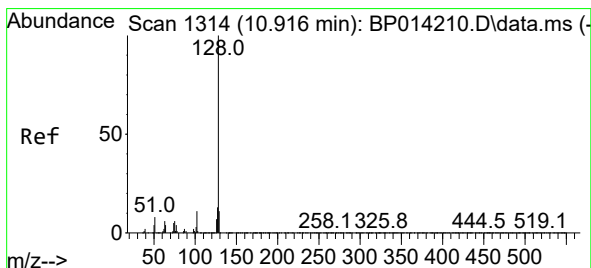
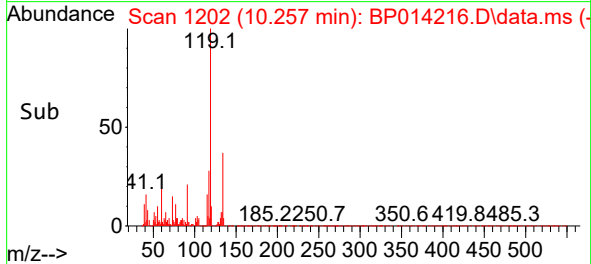
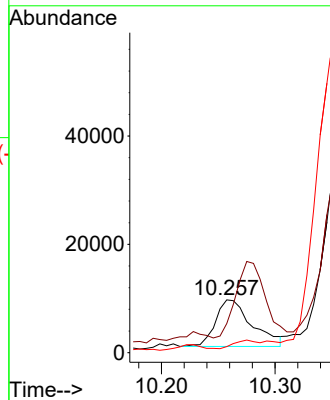
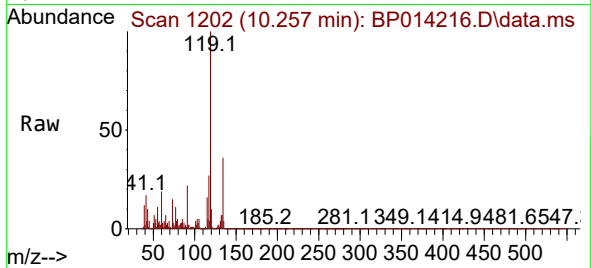
Tgt Ion: 93 Resp: 19149

Ion Ratio Lower Upper

93 100

95 55.2 25.6 38.4#

123 11.5 8.5 12.7



#30

Naphthalene

Concen: 28.310 ng/ul

RT: 10.922 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BP014216.D

Acq: 22 Mar 2023 12:39

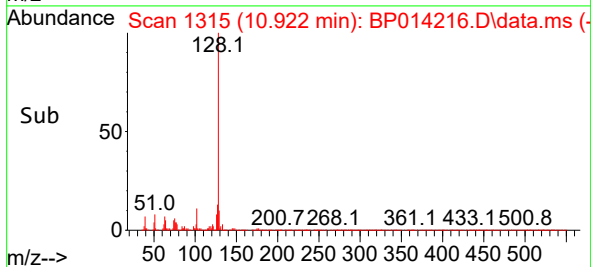
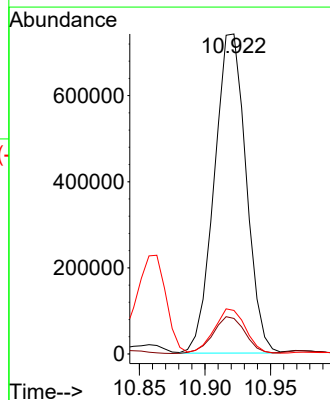
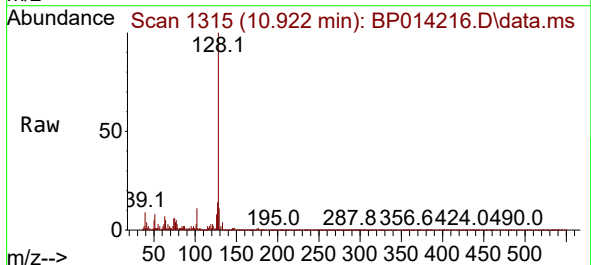
Tgt Ion:128 Resp: 1250560

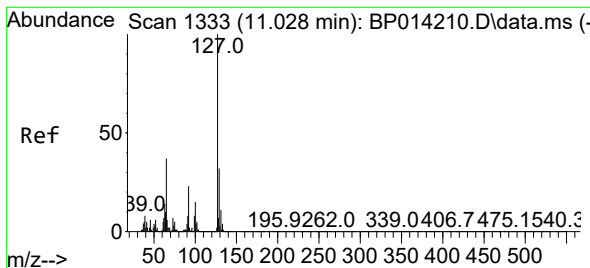
Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 13.6 11.0 16.4

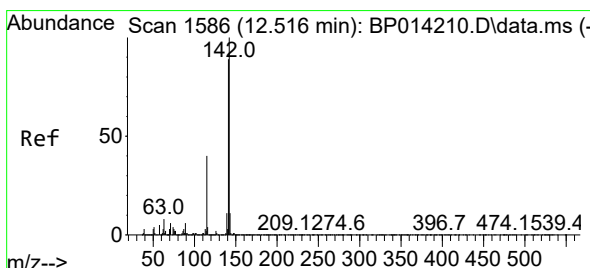
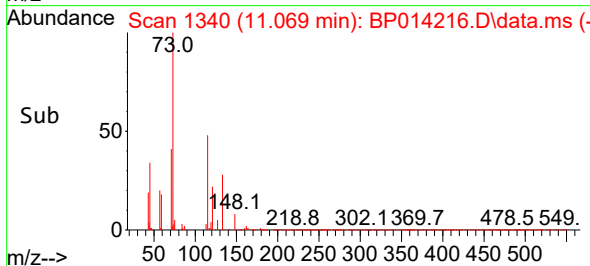
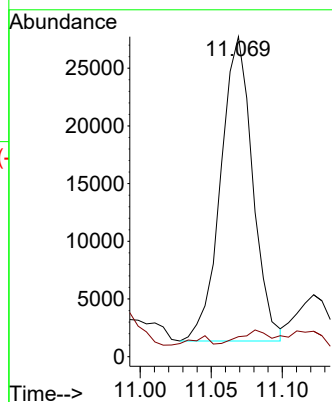
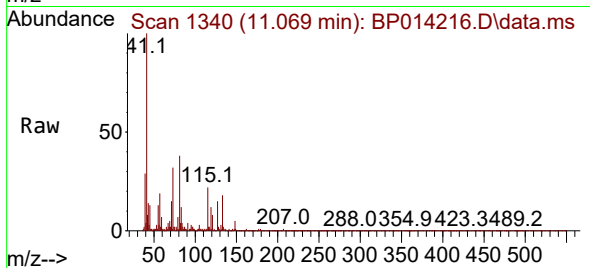




#32
4-Chloroaniline
Concen: 2.147 ng/ul
RT: 11.069 min Scan# 11
Delta R.T. 0.035 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

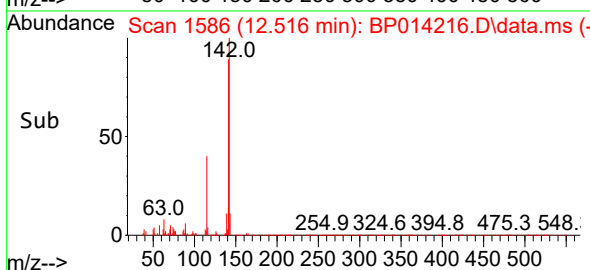
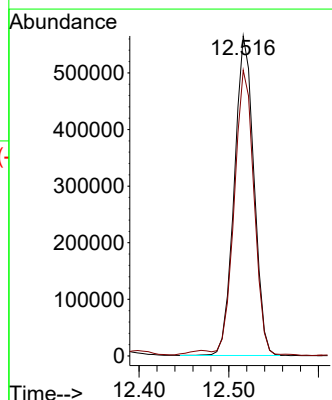
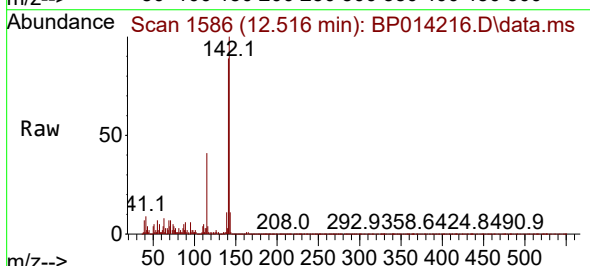
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BNA_P
ClientSampleId :

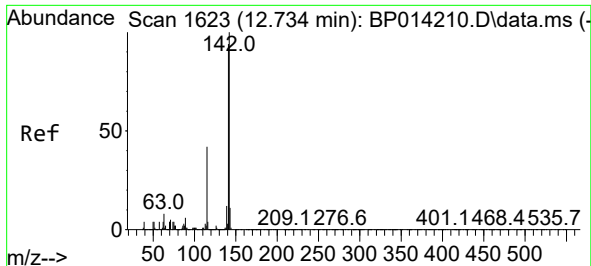
Tgt Ion:127 Resp: 41333
Ion Ratio Lower Upper
127 100
129 6.2 24.9 37.3#



#36
2-Methylnaphthalene
Concen: 27.678 ng/ul
RT: 12.516 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

Tgt Ion:142 Resp: 857548
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5

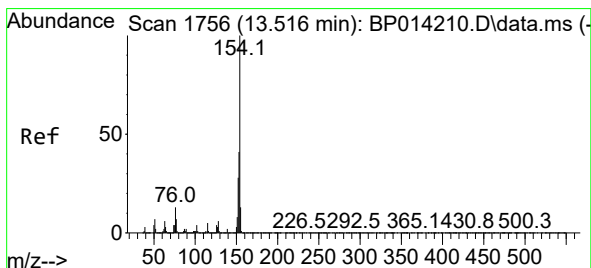
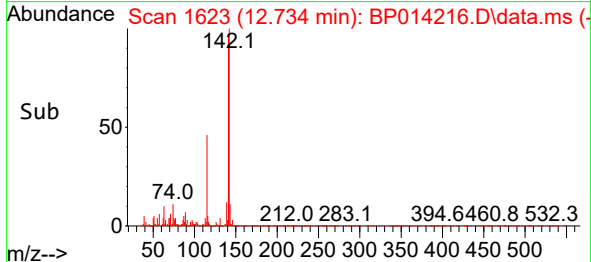
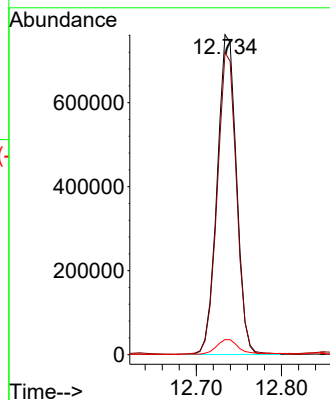
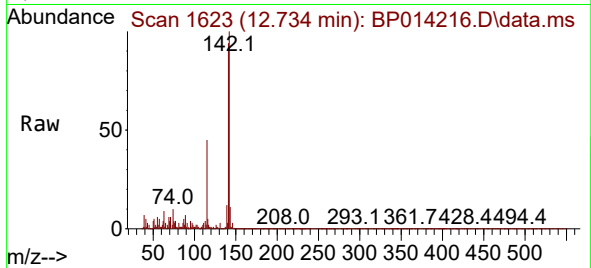




#37
1-Methylnaphthalene
Concen: 38.517 ng/ul
RT: 12.734 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

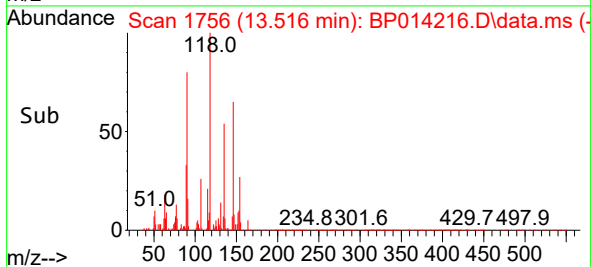
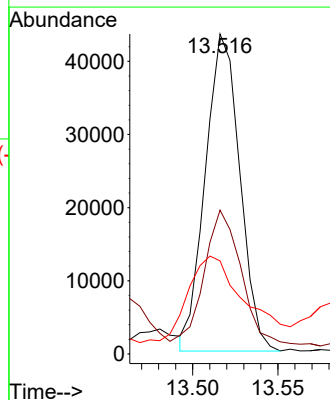
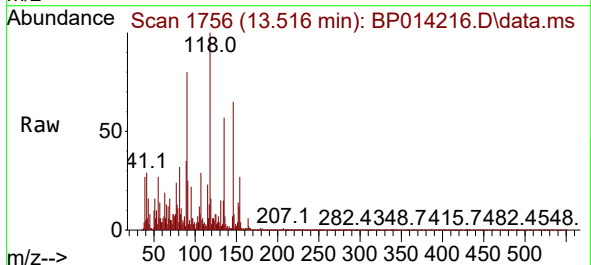
Instrument :
BNA_P
ClientSampleId :

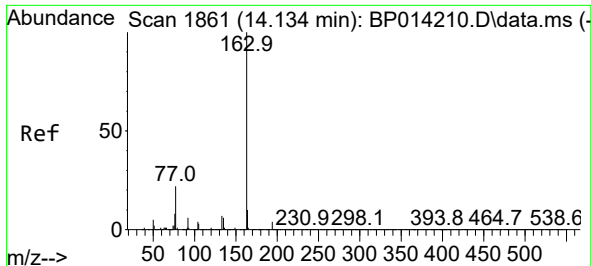
Tgt Ion:142 Resp: 1199492
Ion Ratio Lower Upper
142 100
141 94.4 73.8 110.6
116 4.7 3.7 5.5



#43
1,1'-Biphenyl
Concen: 1.461 ng/ul
RT: 13.516 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

Tgt Ion:154 Resp: 61146
Ion Ratio Lower Upper
154 100
153 44.9 32.6 49.0
76 29.1 9.4 14.0#

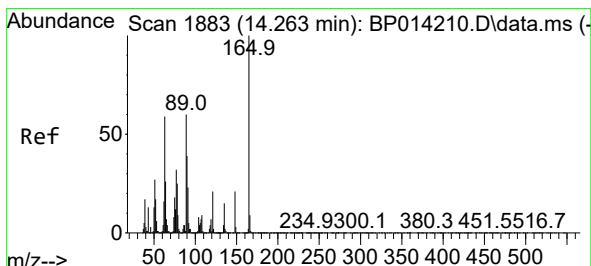
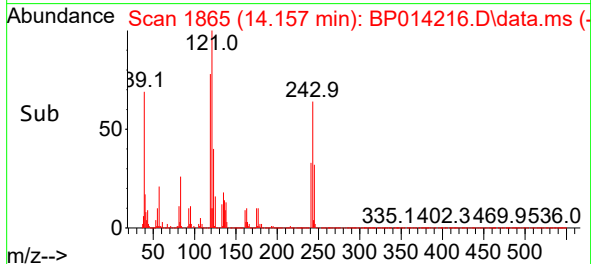
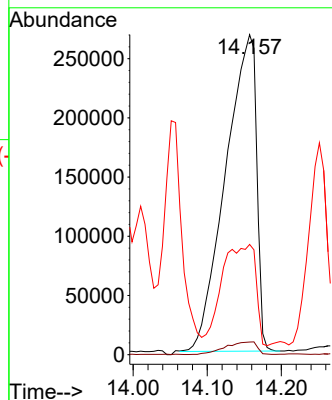
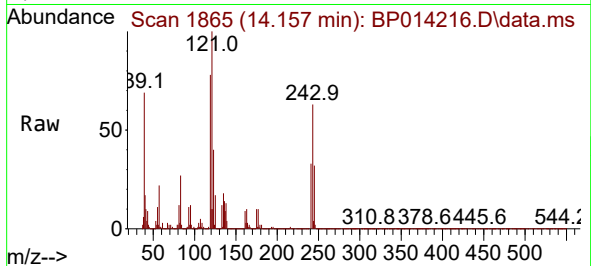




#47
Dimethylphthalate
Concen: 16.987 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. 0.018 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

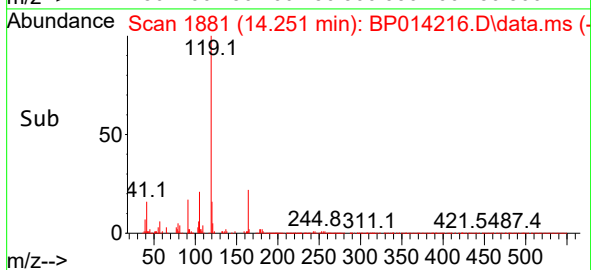
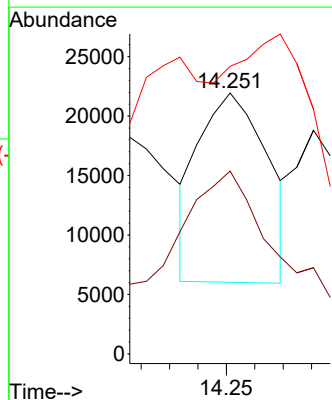
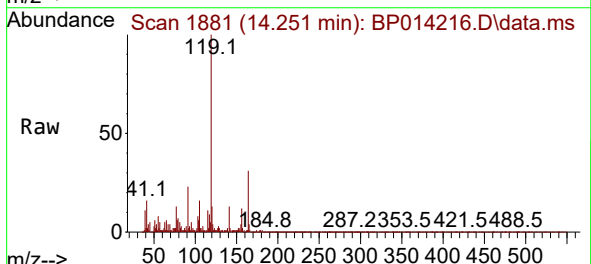
Instrument :
BNA_P
ClientSampleId :

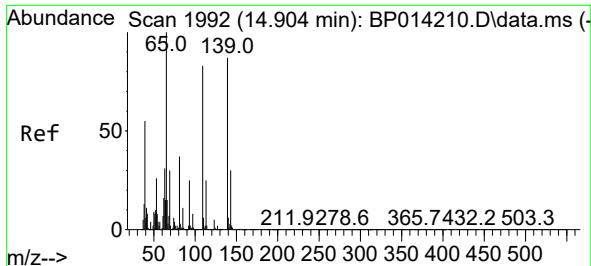
Tgt Ion:163 Resp: 775867
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 34.4 8.2 12.4#



#48
2,6-Dinitrotoluene
Concen: 2.956 ng/ul
RT: 14.251 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

Tgt Ion:165 Resp: 26692
Ion Ratio Lower Upper
165 100
89 70.1 51.7 77.5
121 110.2 17.5 26.3#

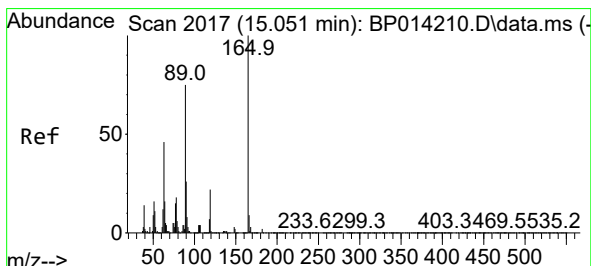
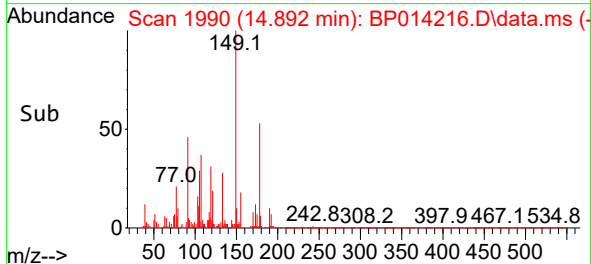
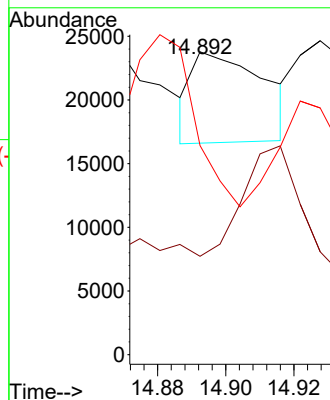
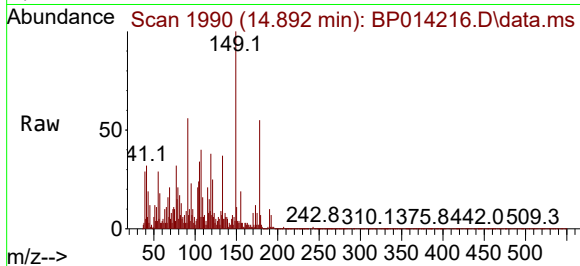




#55
4-Nitrophenol
Concen: 1.174 ng/ul
RT: 14.892 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

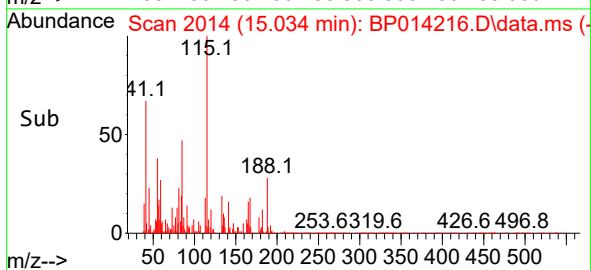
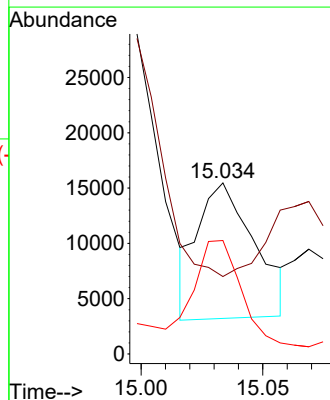
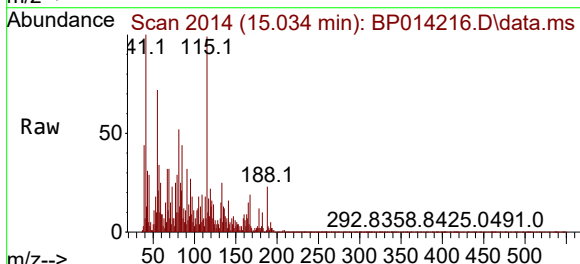
Instrument :
BNA_P
ClientSampleId :

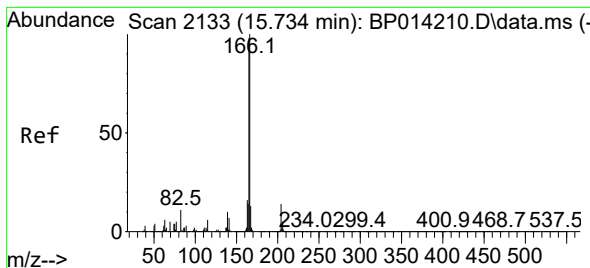
Tgt Ion:109 Resp: 10314
Ion Ratio Lower Upper
109 100
139 32.5 74.5 111.7#
65 69.1 86.6 130.0#



#57
2,4-Dinitrotoluene
Concen: 1.471 ng/ul
RT: 15.034 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BP014216.D
Acq: 22 Mar 2023 12:39

Tgt Ion:165 Resp: 19842
Ion Ratio Lower Upper
165 100
63 45.3 34.6 52.0
182 66.3 2.2 3.2#





#61

Fluorene

Concen: 1.642 ng/ul

RT: 15.734 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BP014216.D

Acq: 22 Mar 2023 12:39

Instrument :

BNA_P

ClientSampleId :

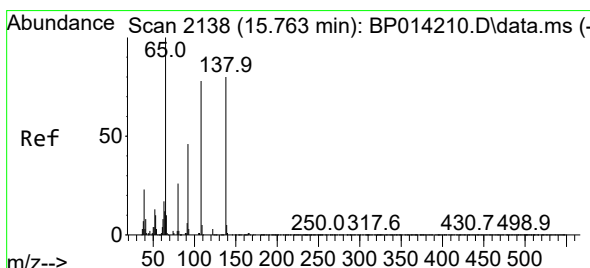
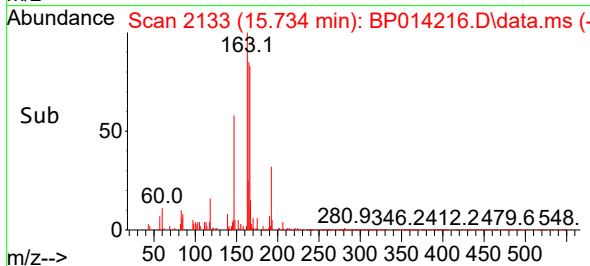
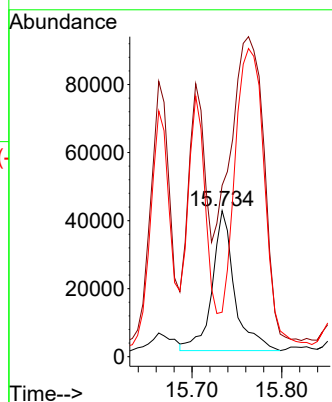
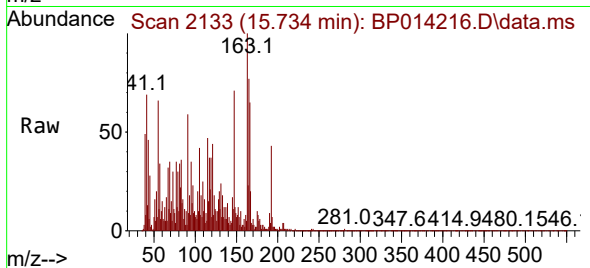
Tgt Ion:166 Resp: 71008

Ion Ratio Lower Upper

166 100

165 117.4 78.9 118.3

167 30.5 11.0 16.6#



#63

4-Nitroaniline

Concen: 1.499 ng/ul

RT: 15.781 min Scan# 2141

Delta R.T. 0.018 min

Lab File: BP014216.D

Acq: 22 Mar 2023 12:39

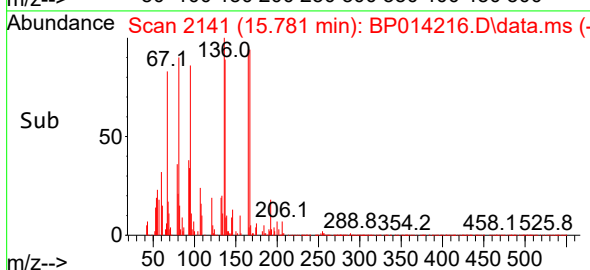
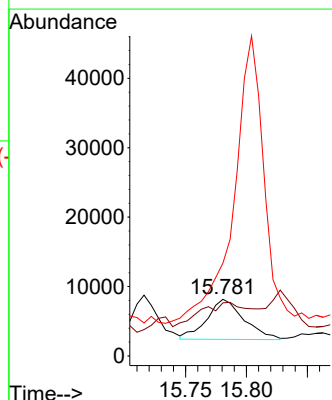
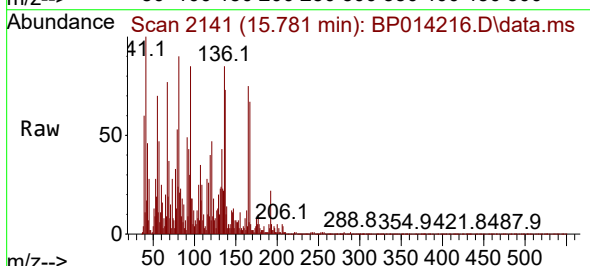
Tgt Ion:138 Resp: 12316

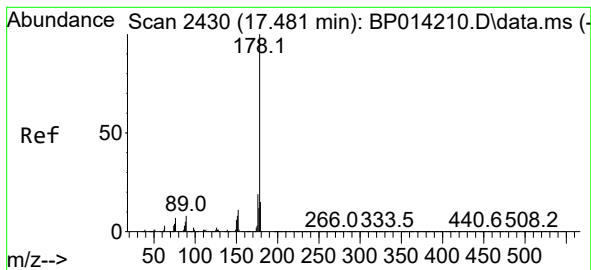
Ion Ratio Lower Upper

138 100

92 93.6 44.5 66.7#

108 163.6 87.2 130.8#





#72

Phenanthrene

Concen: 1.125 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

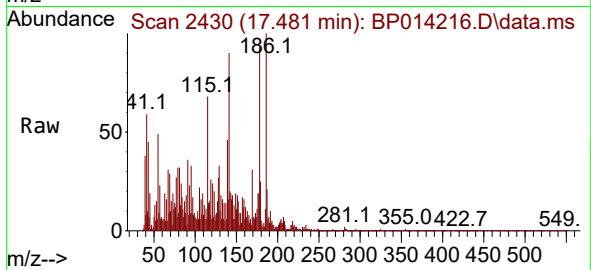
Lab File: BP014216.D

Acq: 22 Mar 2023 12:39

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:178 Resp: 76141

Ion Ratio Lower Upper

178 100

179 26.7 12.2 18.4#

176 20.1 15.4 23.0

