

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120122\
 Data File : BP012926.D
 Acq On : 01 Dec 2022 20:21
 Operator : CG/JU
 Sample : SSTD16010
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160629

Quant Time: Dec 01 22:58:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 22:54:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	510279	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2440333	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.646	164	1728122	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	3891138	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	3602302	20.000	ng/u1	0.02
88) Perylene-d12	24.004	264	4696856	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.817	84	5678820	159.355	ng/u1	0.00
7) Phenol-d5	7.175	99	7272150	173.431	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	3792502	146.782	ng/u1	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	8.734	113	5823416	172.371	ng/u1	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	10.969	131	7892771	155.758	ng/u1	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	14.869	143	3792659	178.839	ng/u1	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	15.781	200	3828218	205.844	ng/u1	0.04
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						Qvalue
5) Pyridine	3.834	79	5496491	157.632	ng/u1	99
6) Benzaldehyde	7.146	77	2744710	134.063	ng/u1	99
8) Phenol	7.205	94	7321547	166.521	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.434	93	5411797	150.226	ng/u1	98
13) 2-Methylphenol	8.458	108	5708567	167.056	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	7436022	143.106	ng/u1	99
16) Acetophenone	8.852	105	7836952	146.359	ng/u1	95
18) 4-Methylphenol	8.811	108	6347468	168.662	ng/u1	97
32) 4-Chloroaniline	10.999	127	7772827	149.357	ng/u1	98
34) Caprolactam	11.840	113	2373507m	201.634	ng/u1	
40) Hexachlorocyclopentadiene	12.822	237	4391078	165.371	ng/u1	100
51) 3-Nitroaniline	14.569	138	4210303	186.302	ng/u1	92
53) 2,4-Dinitrophenol	14.769	184	3214324	256.342	ng/u1	93
55) 4-Nitrophenol	14.887	109	2498909	162.188	ng/u1	93
63) 4-Nitroaniline	15.751	138	3731584	193.733	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.798	198	3856139	193.168	ng/u1#	92
70) Atrazine	16.875	200	5394771	142.185	ng/u1	97
71) Pentachlorophenol	17.051	266	4905532	163.652	ng/u1	100
77) Carbazole	17.804	167	18582643m	107.066	ng/u1	
84) 3,3'-Dichlorobenzidine	21.410	252	11001868	166.311	ng/u1	98
89) Di-n-octyl phthalate	22.333	149	20613552m	76.854	ng/u1	

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

Instrument :

BNA_P

ClientSampleId :

SSTD160629

Manual Integrations**APPROVED**

Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

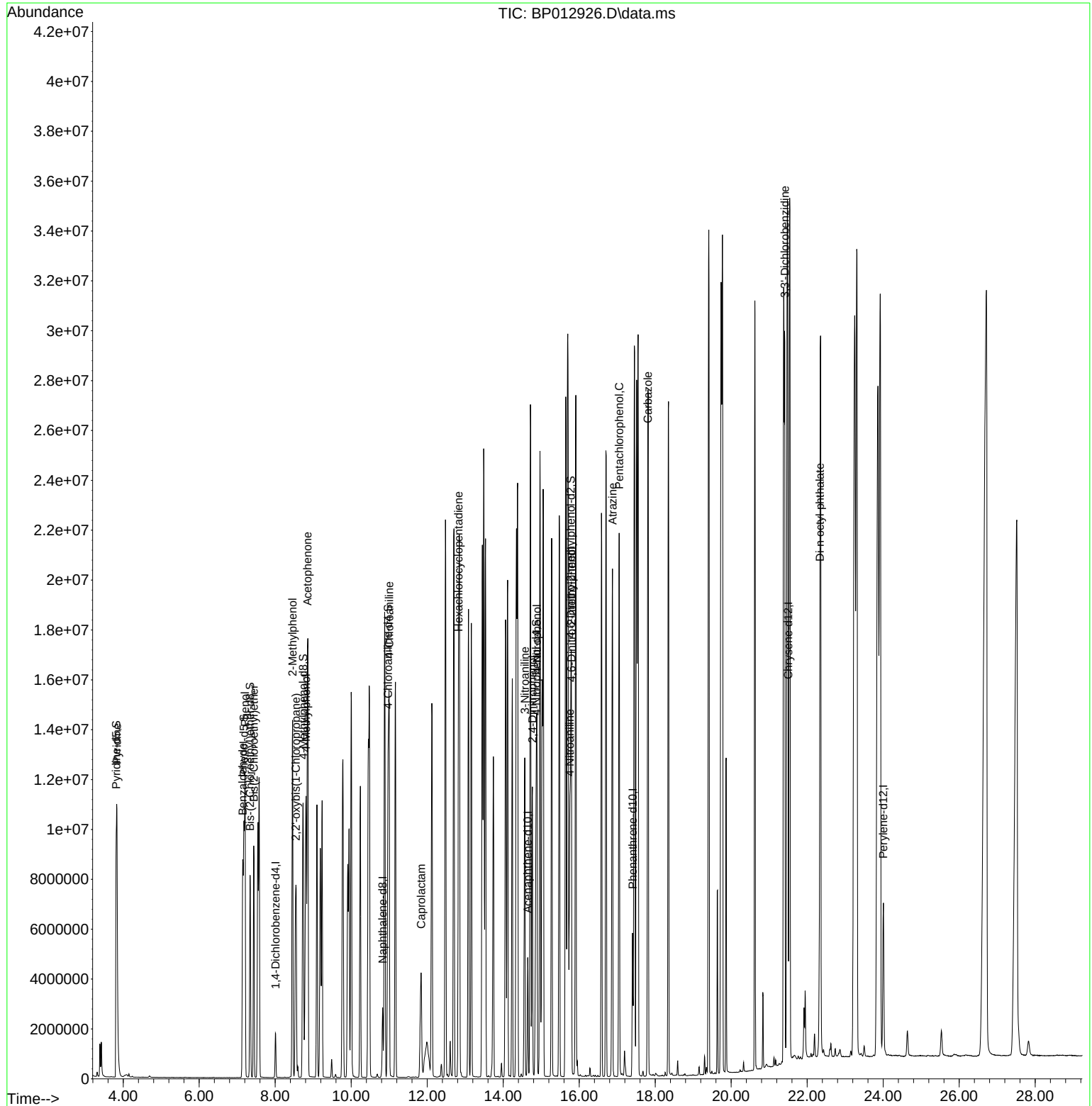
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120122\
Data File : BP012926.D
Acq On : 01 Dec 2022 20:21
Operator : CG/JU
Sample : SSTD16010
Misc :
ALS Vial : 7 Sample Multiplier: 1

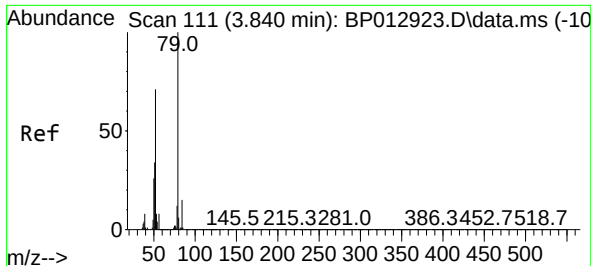
Instrument :
BNA_P
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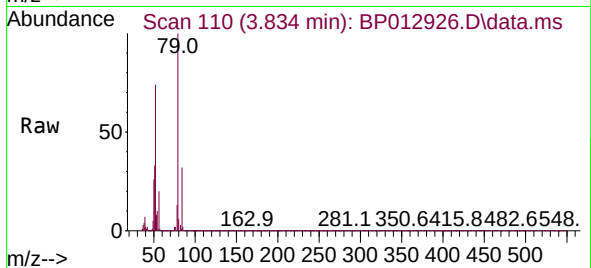
Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022





#5
Pyridine
Concen: 157.632 ng/ul
RT: 3.834 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

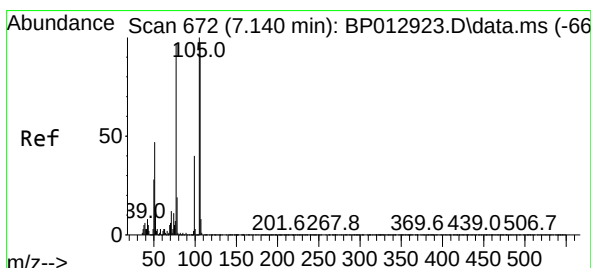
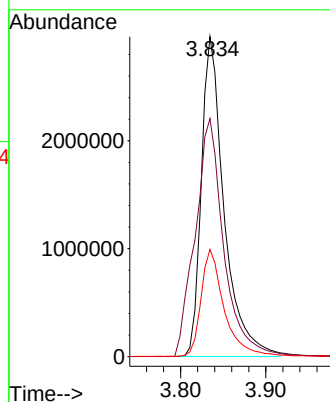
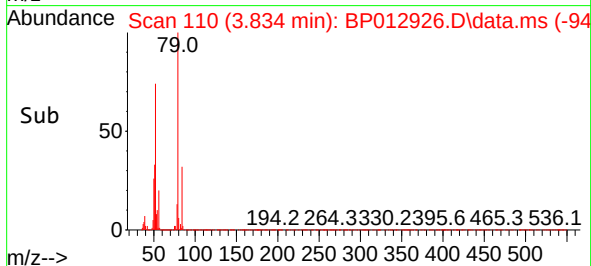
Instrument :
BNA_P
ClientSampleId :
SSTD160629



Tgt Ion: 79 Resp: 5496491
Ion Ratio Lower Upper
79 100
52 74.4 59.2 88.8
51 33.5 27.8 41.6

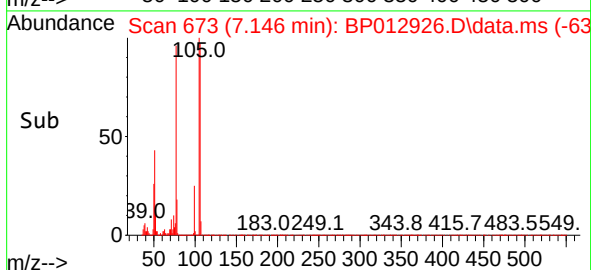
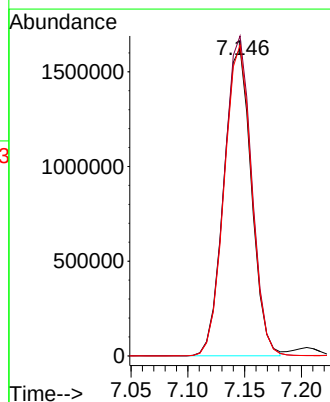
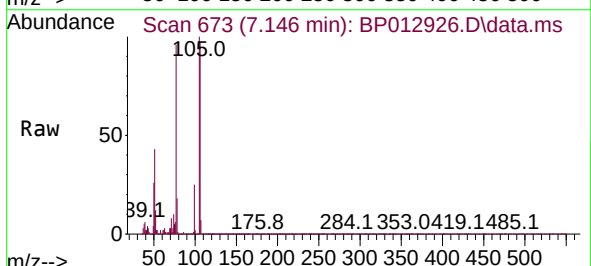
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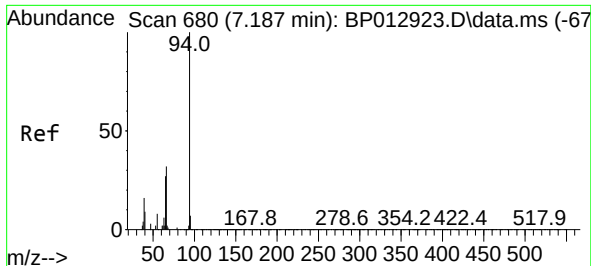
Reviewed By :Jagrut Upadhyay 12/08/2022
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#6
Benzaldehyde
Concen: 134.063 ng/ul
RT: 7.146 min Scan# 673
Delta R.T. 0.006 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

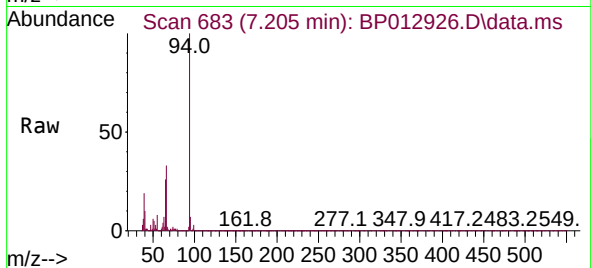
Tgt Ion: 77 Resp: 2744710
Ion Ratio Lower Upper
77 100
105 103.9 82.6 124.0
106 100.9 79.8 119.6





#8
Phenol
Concen: 166.521 ng/ul
RT: 7.205 min Scan# 680
Delta R.T. 0.018 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

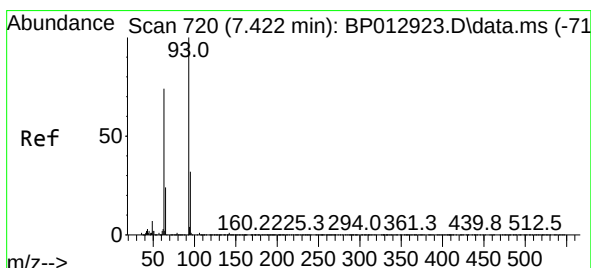
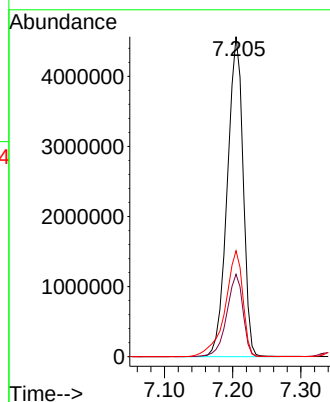
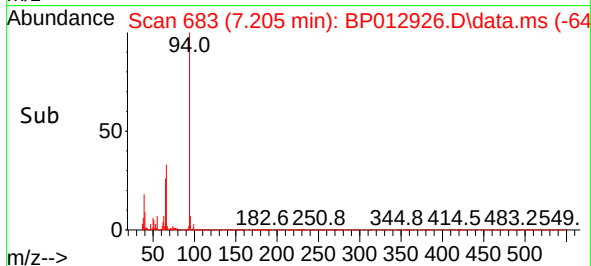
Instrument :
BNA_P
ClientSampleId :
SSTD160629



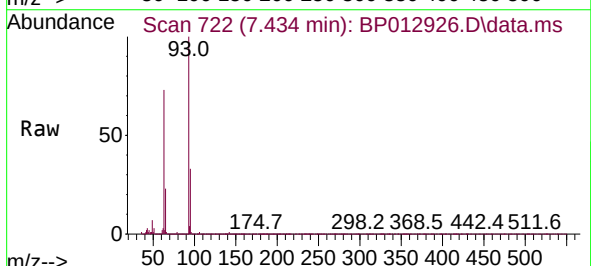
Tgt Ion: 94 Resp: 732154
Ion Ratio Lower Upper
94 100
65 25.7 21.8 32.6
66 33.1 26.6 39.8

Manual Integrations
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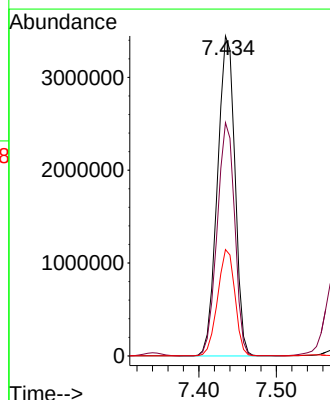
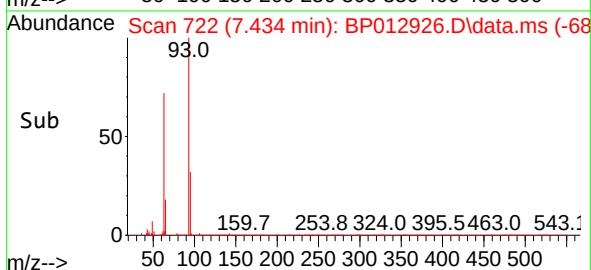
Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

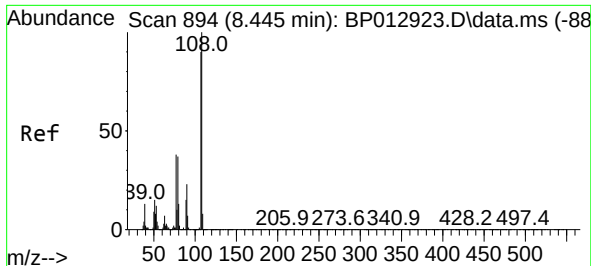


#10
Bis(2-Chloroethyl)ether
Concen: 150.226 ng/ul
RT: 7.434 min Scan# 722
Delta R.T. 0.012 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21



Tgt Ion: 93 Resp: 5411797
Ion Ratio Lower Upper
93 100
63 72.9 59.6 89.4
95 33.2 25.7 38.5





#13

2-Methylphenol

Concen: 167.056 ng/ul

RT: 8.458 min Scan# 894

Delta R.T. 0.012 min

Lab File: BP012926.D

Acq: 01 Dec 2022 20:21

Instrument :

BNA_P

ClientSampleId :

SSTD160629

Tgt Ion:108 Resp: 570856

Ion Ratio Lower Upper

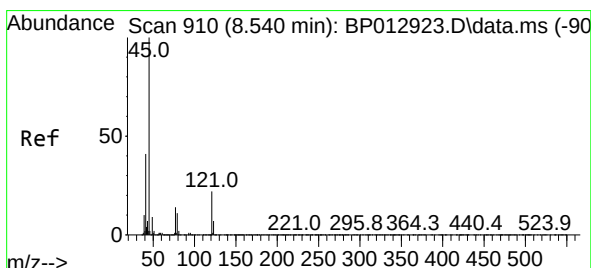
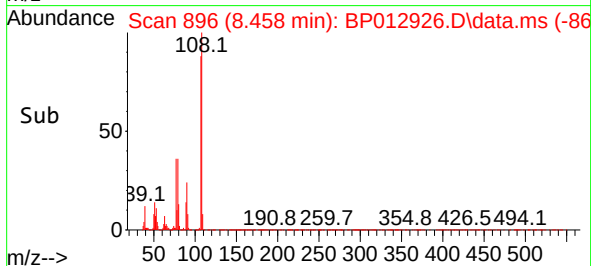
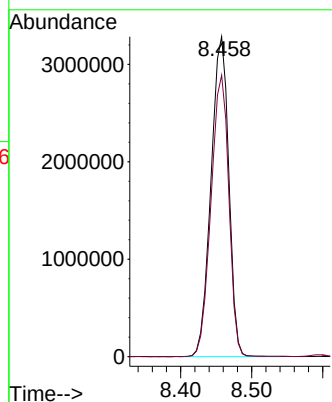
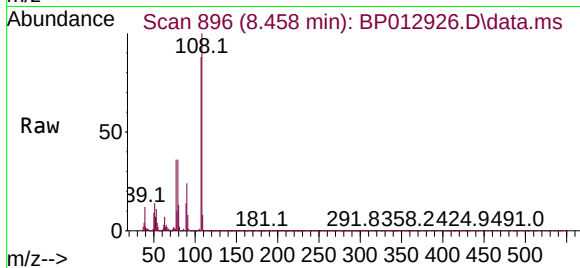
108 100

107 87.9 71.9 107.9

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 143.106 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. 0.006 min

Lab File: BP012926.D

Acq: 01 Dec 2022 20:21

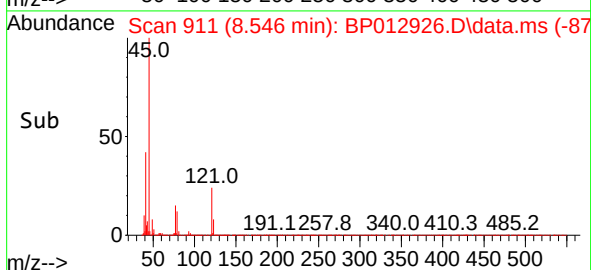
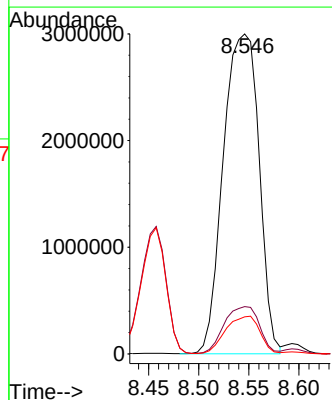
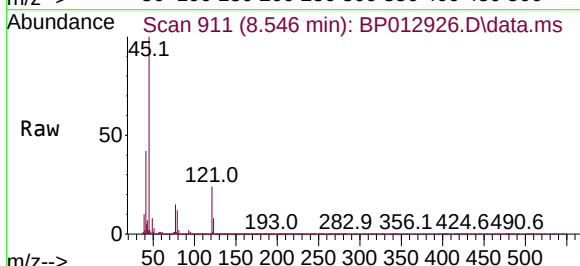
Tgt Ion: 45 Resp: 7436022

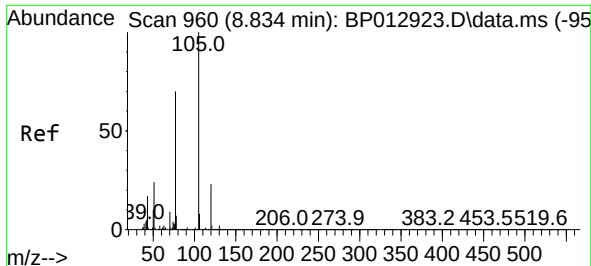
Ion Ratio Lower Upper

45 100

77 14.8 11.6 17.4

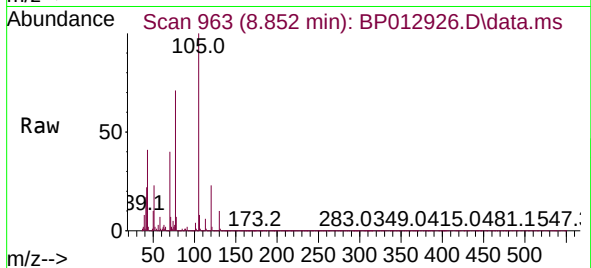
79 11.6 8.9 13.3





#16
Acetophenone
Concen: 146.359 ng/ul
RT: 8.852 min Scan# 90
Delta R.T. 0.018 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

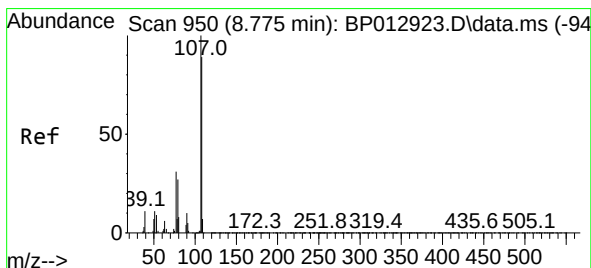
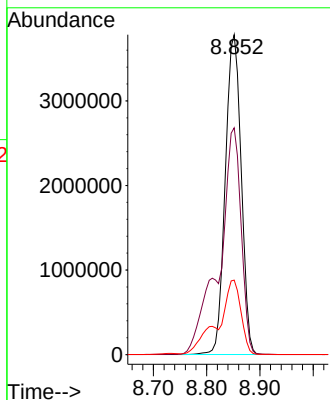
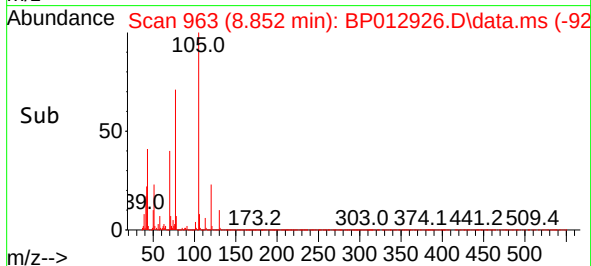
Instrument :
BNA_P
ClientSampleId :
SSTD160629



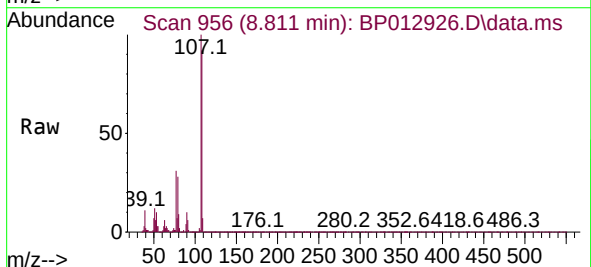
Tgt Ion:105 Resp: 7836952
Ion Ratio Lower Upper
105 100
77 70.9 60.4 90.6
51 23.3 20.7 31.1

Manual Integrations
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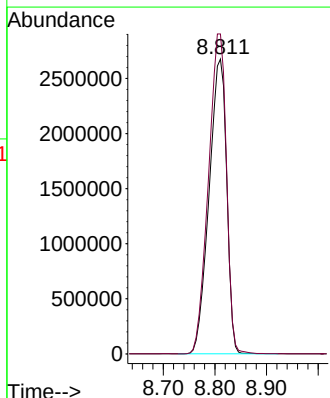
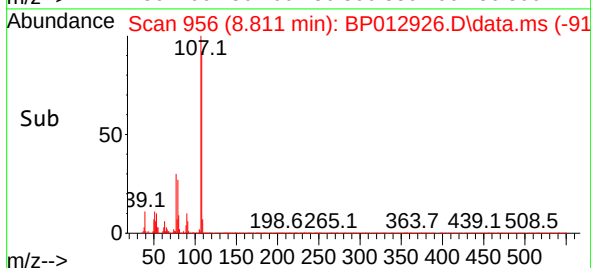
Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

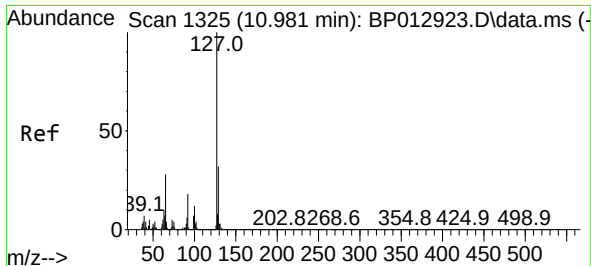


#18
4-Methylphenol
Concen: 168.662 ng/ul
RT: 8.811 min Scan# 956
Delta R.T. 0.036 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21



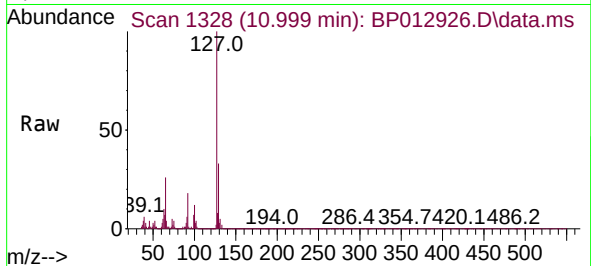
Tgt Ion:108 Resp: 6347468
Ion Ratio Lower Upper
108 100
107 108.6 89.8 134.6





#32
4-Chloroaniline
Concen: 149.357 ng/ul
RT: 10.999 min Scan# 1328
Delta R.T. 0.018 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

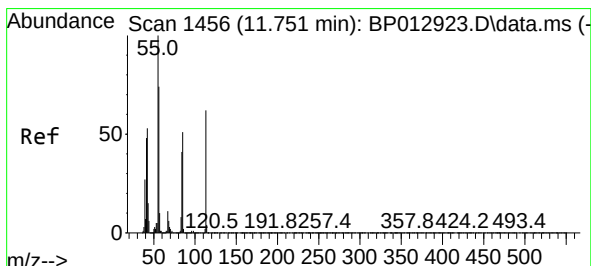
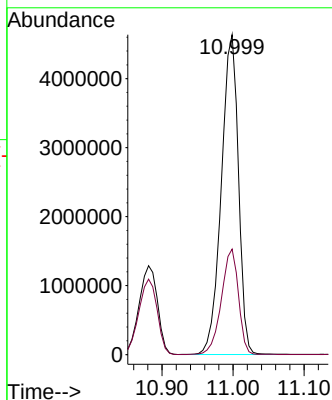
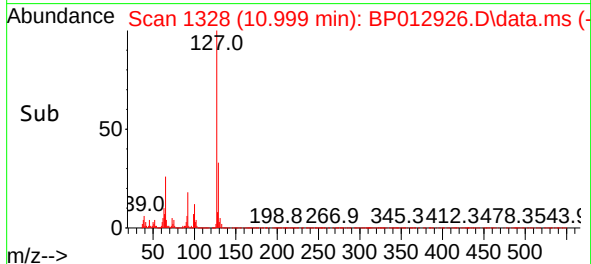
Instrument :
BNA_P
ClientSampleId :
SSTD160629



Tgt Ion:127 Resp: 777282
Ion Ratio Lower Upper
127 100
129 33.0 25.7 38.5

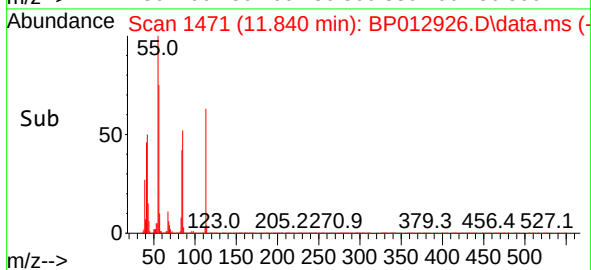
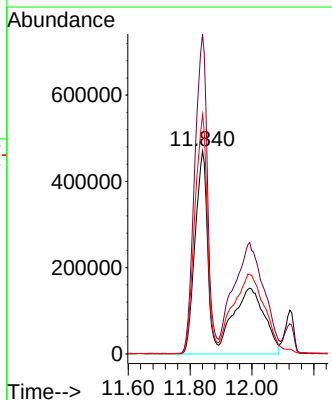
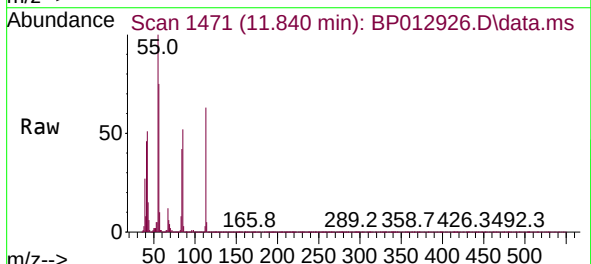
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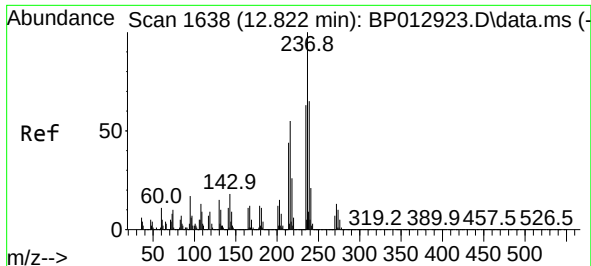
Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#34
Caprolactam
Concen: 201.634 ng/ul m
RT: 11.840 min Scan# 1471
Delta R.T. 0.089 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

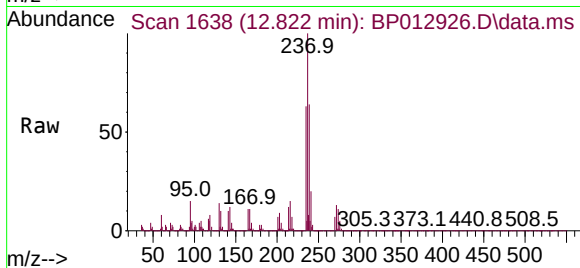
Tgt Ion:113 Resp: 2373507
Ion Ratio Lower Upper
113 100
55 157.7 129.8 194.6
56 118.1 96.7 145.1





#40
Hexachlorocyclopentadiene
Concen: 165.371 ng/ul
RT: 12.822 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

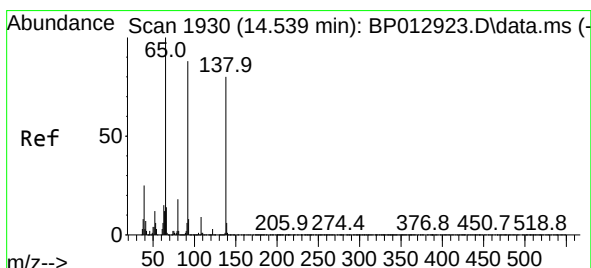
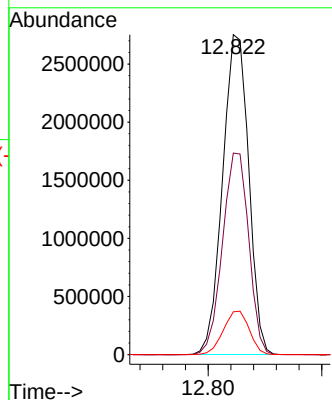
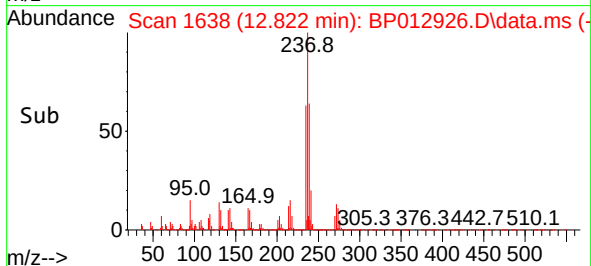
Instrument :
BNA_P
ClientSampleId :
SSTD160629



Tgt Ion:237 Resp: 4391078
Ion Ratio Lower Upper
237 100
235 63.0 50.1 75.1
272 13.4 10.6 16.0

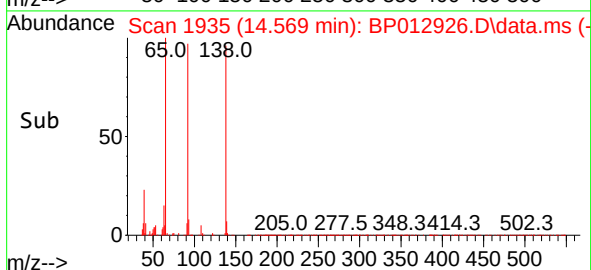
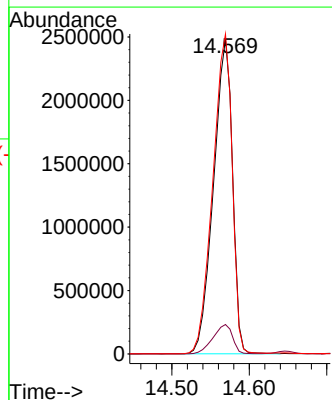
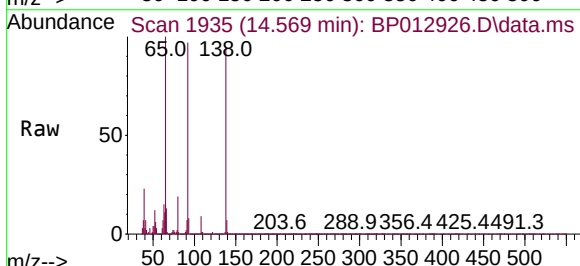
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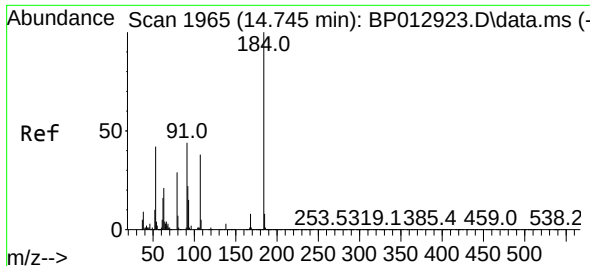
Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#51
3-Nitroaniline
Concen: 186.302 ng/ul
RT: 14.569 min Scan# 1935
Delta R.T. 0.030 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

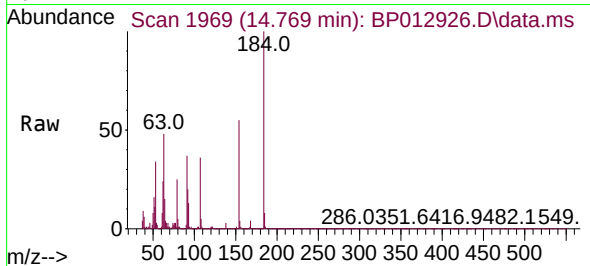
Tgt Ion:138 Resp: 4210303
Ion Ratio Lower Upper
138 100
108 9.3 8.9 13.3
92 101.6 88.2 132.2





#53
2,4-Dinitrophenol
Concen: 256.342 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.024 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

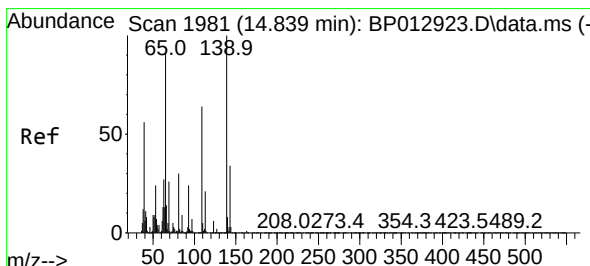
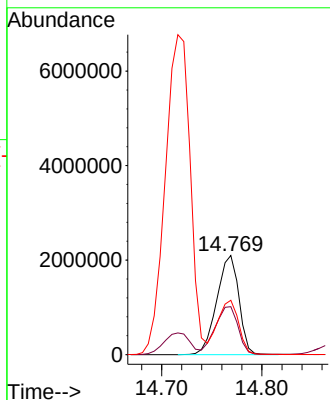
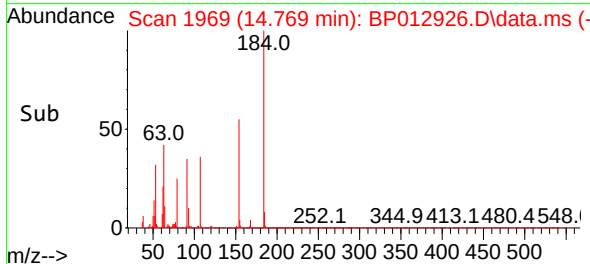
Instrument :
BNA_P
ClientSampleId :
SSTD160629



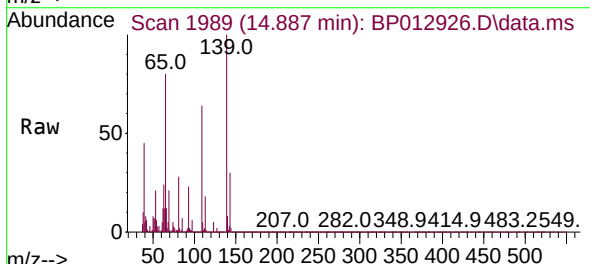
Tgt Ion:184 Resp: 3214324
Ion Ratio Lower Upper
184 100
63 48.4 45.4 68.2
154 54.9 45.7 68.5

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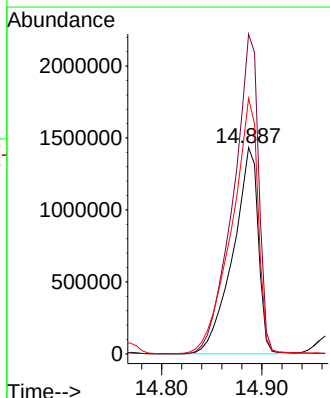
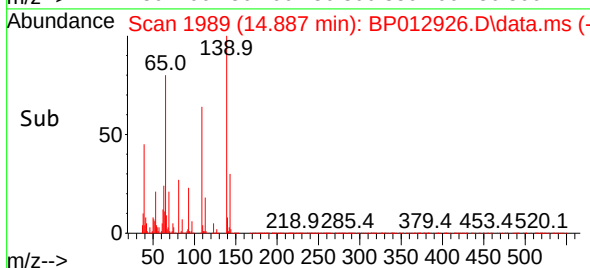
Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

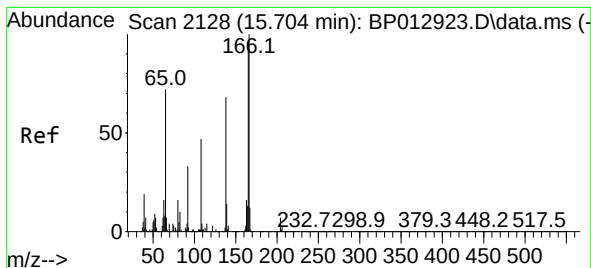


#55
4-Nitrophenol
Concen: 162.188 ng/ul
RT: 14.887 min Scan# 1989
Delta R.T. 0.047 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21



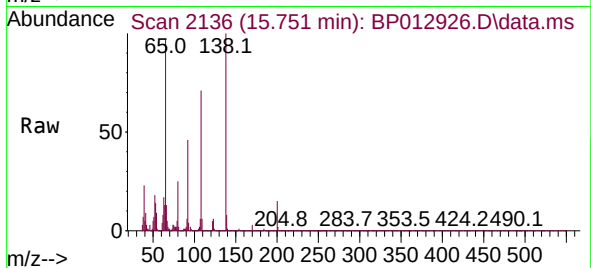
Tgt Ion:109 Resp: 2498909
Ion Ratio Lower Upper
109 100
139 155.1 124.2 186.4
65 123.9 112.9 169.3





#63
4-Nitroaniline
Concen: 193.733 ng/ul
RT: 15.751 min Scan# 2114
Delta R.T. 0.047 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21

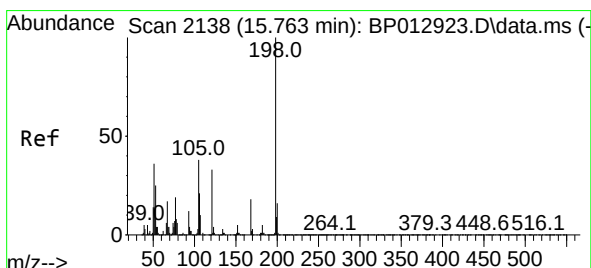
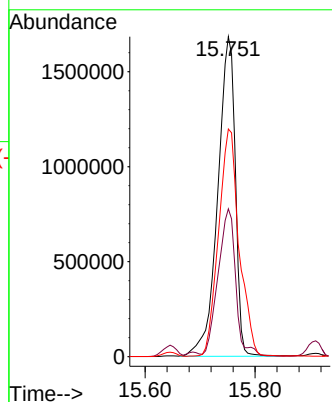
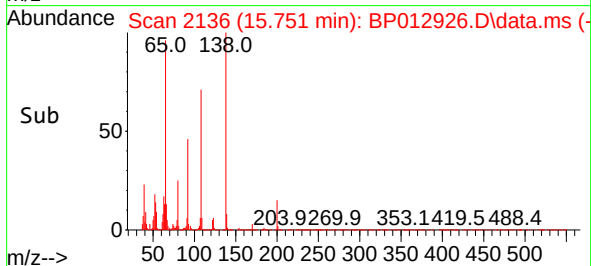
Instrument :
BNA_P
ClientSampleId :
SSTD160629



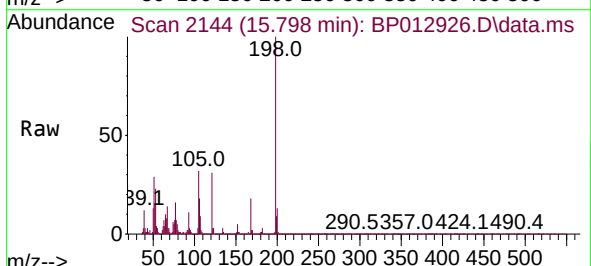
Tgt Ion:138 Resp: 3731584
Ion Ratio Lower Upper
138 100
92 46.2 39.0 58.4
108 71.1 55.6 83.4

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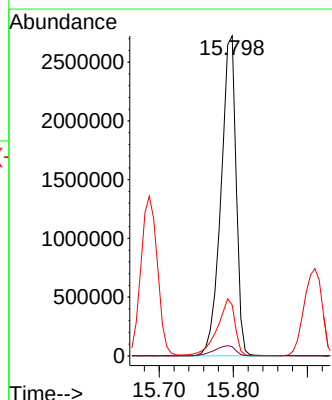
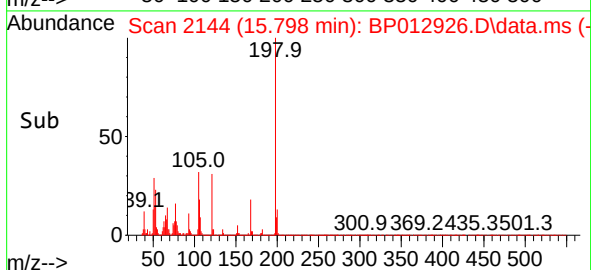
Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

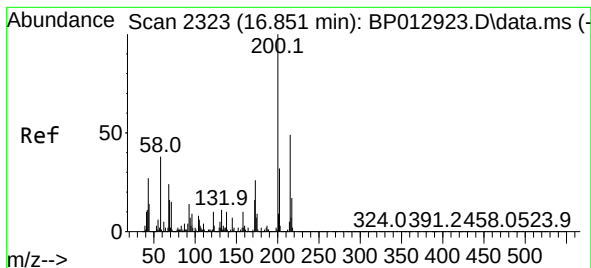


#66
4,6-Dinitro-2-methylphenol
Concen: 193.168 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. 0.036 min
Lab File: BP012926.D
Acq: 01 Dec 2022 20:21



Tgt Ion:198 Resp: 3856139
Ion Ratio Lower Upper
198 100
182 2.9 3.8 5.8#
77 15.9 15.6 23.4





#70

Atrazine

Concen: 142.185 ng/ul

RT: 16.875 min Scan# 2327

Delta R.T. 0.024 min

Lab File: BP012926.D

Acq: 01 Dec 2022 20:21

Instrument :

BNA_P

ClientSampleId :

SSTD160629

Tgt Ion:200 Resp: 539477

Ion Ratio Lower Upper

200 100

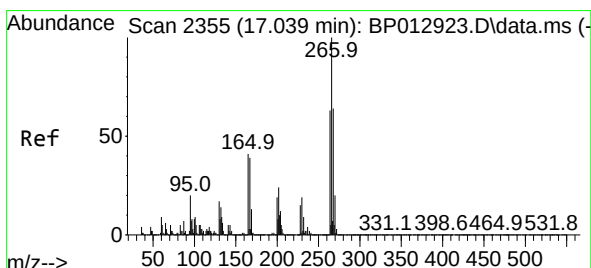
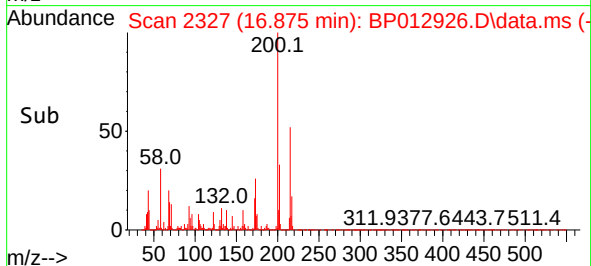
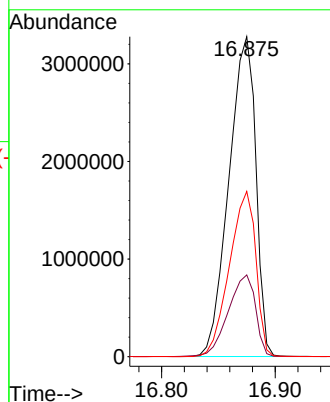
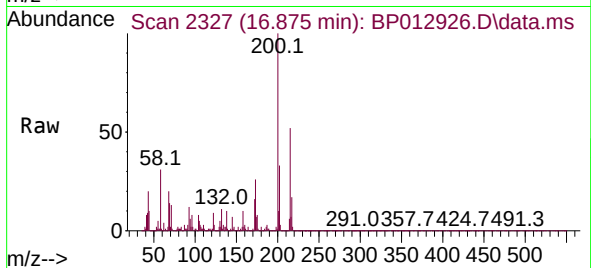
173 25.5 21.0 31.6

215 51.6 39.2 58.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#71

Pentachlorophenol

Concen: 163.652 ng/ul

RT: 17.051 min Scan# 2357

Delta R.T. 0.012 min

Lab File: BP012926.D

Acq: 01 Dec 2022 20:21

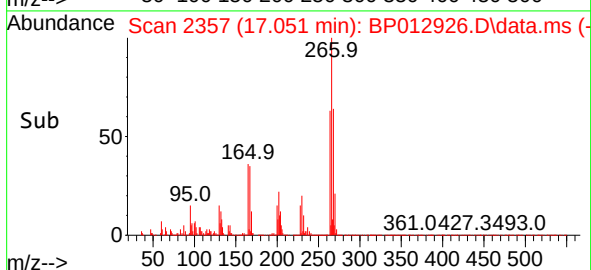
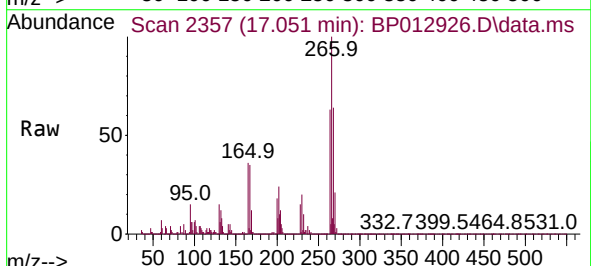
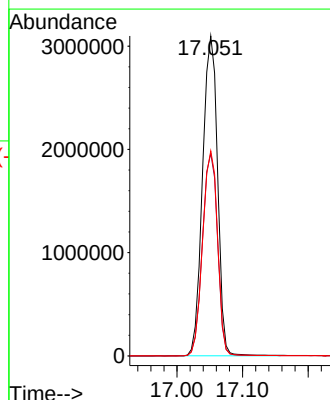
Tgt Ion:266 Resp: 4905532

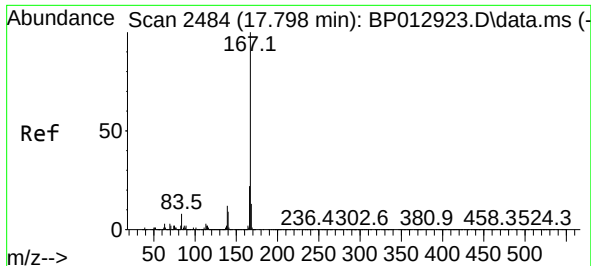
Ion Ratio Lower Upper

266 100

264 63.3 50.5 75.7

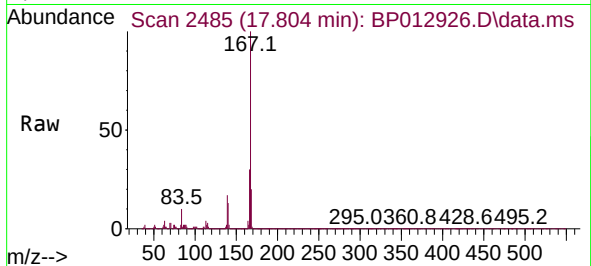
268 64.1 51.2 76.8





#77
 Carbazole
 Concen: 107.066 ng/ul m
 RT: 17.804 min Scan# 2484
 Delta R.T. 0.006 min
 Lab File: BP012926.D
 Acq: 01 Dec 2022 20:21

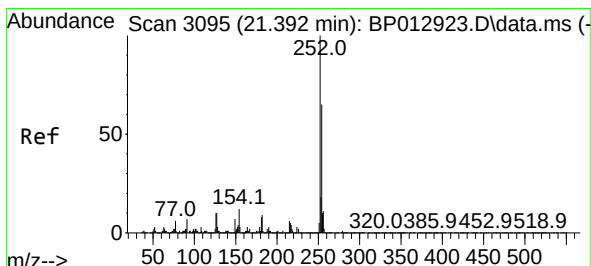
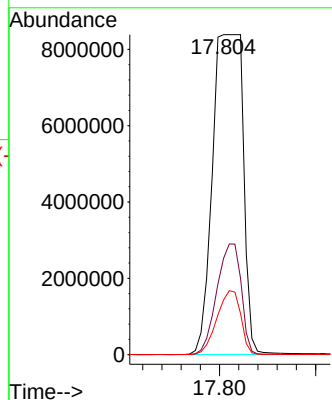
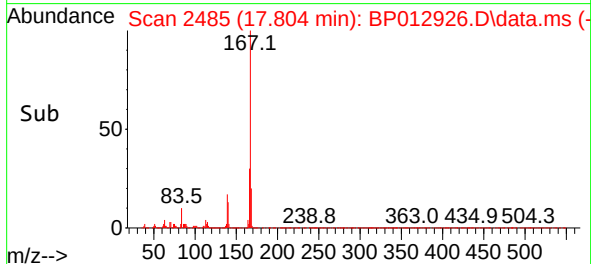
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160629



Tgt Ion:167 Resp:1858264
 Ion Ratio Lower Upper
 167 100
 166 30.1 17.2 25.8
 139 17.1 9.7 14.5

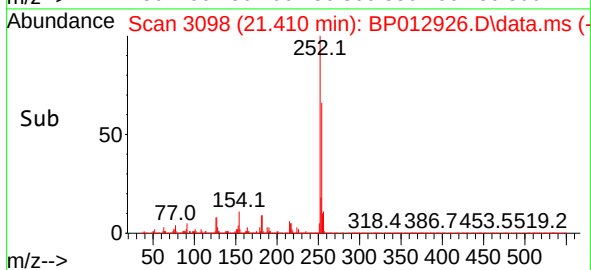
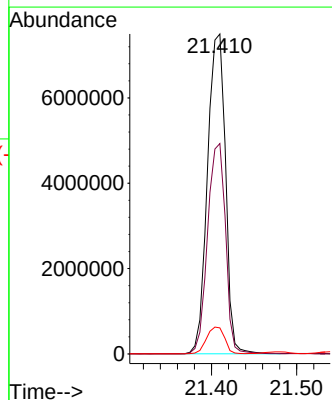
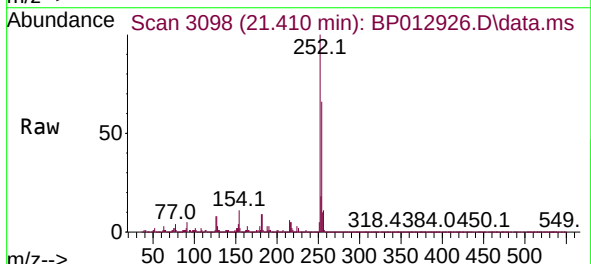
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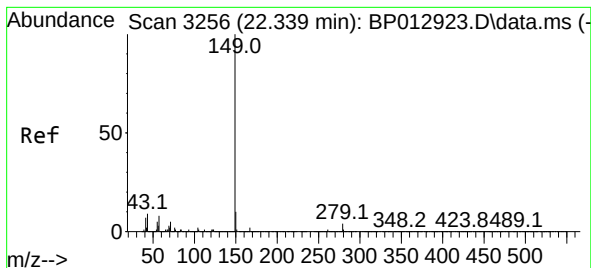
Reviewed By :Jagrut Upadhyay 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#84
 3,3'-Dichlorobenzidine
 Concen: 166.311 ng/ul
 RT: 21.410 min Scan# 3098
 Delta R.T. 0.018 min
 Lab File: BP012926.D
 Acq: 01 Dec 2022 20:21

Tgt Ion:252 Resp:11001868
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.9 77.9
 126 8.1 8.0 12.0





#89

Di-n-octyl phthalate

Concen: 76.854 ng/ul m

RT: 22.333 min Scan# 31

Delta R.T. -0.005 min

Lab File: BP012926.D

Acq: 01 Dec 2022 20:21

Instrument :

BNA_P

ClientSampleId :

SSTD160629

Tgt Ion:149 Resp:2061355

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Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

