

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020625.D
 Acq On : 14 Jun 2024 14:33
 Operator : MA/JU
 Sample : PB161492BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161492BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 15:01:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	251025	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	898141	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	529997	20.000	ng	-0.02
64) Phenanthrene-d10	17.187	188	1117425	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1023073	20.000	ng	-0.03
86) Perylene-d12	24.998	264	1214597	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1766943	126.028	ng	0.00
7) Phenol-d6	6.934	99	2132227	107.841	ng	0.00
23) Nitrobenzene-d5	8.905	82	1307893	79.714	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	855252	155.491	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	2931771	82.462	ng	-0.01
79) Terphenyl-d14	19.916	244	4653246	75.717	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	195786	34.561	ng	93
3) Pyridine	3.717	79	468774	29.431	ng	94
4) n-Nitrosodimethylamine	3.628	42	281278	36.358	ng	92
6) Aniline	7.093	93	426872	21.307	ng	97
8) 2-Chlorophenol	7.322	128	649989	41.357	ng	97
9) Benzaldehyde	6.911	77	324733m	25.604	ng	
10) Phenol	6.964	94	785635	38.791	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	617298	36.959	ng	98
12) 1,3-Dichlorobenzene	7.634	146	737765	39.842	ng	98
13) 1,4-Dichlorobenzene	7.787	146	753536	40.038	ng	99
14) 1,2-Dichlorobenzene	8.099	146	717848	39.522	ng	99
15) Benzyl Alcohol	7.993	79	552483	37.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.263	45	846610	33.951	ng	98
17) 2-Methylphenol	8.187	107	510160	37.119	ng	98
18) Hexachloroethane	8.816	117	274324	39.918	ng	94
19) n-Nitroso-di-n-propyla...	8.558	70	450049	33.343	ng	96
20) 3+4-Methylphenols	8.516	107	691733	37.004	ng	98
22) Acetophenone	8.569	105	933554	41.875	ng	97
24) Nitrobenzene	8.940	77	669783	40.223	ng	99
25) Isophorone	9.458	82	1206896	37.859	ng	99
26) 2-Nitrophenol	9.646	139	321667	48.767	ng	92
27) 2,4-Dimethylphenol	9.705	122	415507	43.144	ng	99
28) bis(2-Chloroethoxy)met...	9.940	93	743582	37.950	ng	100
29) 2,4-Dichlorophenol	10.169	162	563670	43.626	ng	98
30) 1,2,4-Trichlorobenzene	10.387	180	652077	42.511	ng	97
31) Naphthalene	10.569	128	1889194	41.146	ng	100
32) Benzoic acid	9.863	122	397878	44.130	ng	98
33) 4-Chloroaniline	10.687	127	358461	20.182	ng	98
34) Hexachlorobutadiene	10.840	225	411374	42.575	ng	99
35) Caprolactam	11.487	113	187049m	39.504	ng	
36) 4-Chloro-3-methylphenol	11.810	107	602182	39.807	ng	97
37) 2-Methylnaphthalene	12.175	142	1259829	38.292	ng	99
38) 1-Methylnaphthalene	12.410	142	1181011	36.212	ng	100
40) 1,2,4,5-Tetrachloroben...	12.546	216	712285	46.450	ng	99
41) Hexachlorocyclopentadiene	12.522	237	641558	119.043	ng	100
43) 2,4,6-Trichlorophenol	12.799	196	449609	48.505	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	501663	46.912	ng	96
46) 1,1'-Biphenyl	13.204	154	1603225	42.863	ng	98
47) 2-Chloronaphthalene	13.246	162	1257001	42.274	ng	99
48) 2-Nitroaniline	13.463	65	377388	46.838	ng	95
49) Acenaphthylene	14.098	152	2020164	45.786	ng	100
50) Dimethylphthalate	13.846	163	1575990	42.185	ng	99
51) 2,6-Dinitrotoluene	13.963	165	342943	42.947	ng	92
52) Acenaphthene	14.445	154	1148583	41.269	ng	99
53) 3-Nitroaniline	14.298	138	286607	35.782	ng	98
54) 2,4-Dinitrophenol	14.504	184	383471	98.635	ng	89
55) Dibenzofuran	14.787	168	1872120	42.463	ng	98
56) 4-Nitrophenol	14.616	139	624522	100.794	ng	93
57) 2,4-Dinitrotoluene	14.751	165	487619	46.465	ng	97
58) Fluorene	15.445	166	1483575	41.917	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	439411	50.211	ng	97
60) Diethylphthalate	15.222	149	1556408	40.983	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	750410	41.087	ng	99
62) 4-Nitroaniline	15.475	138	355733	43.114	ng	93
63) Azobenzene	15.745	77	1406487	39.663	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	273797	54.108	ng	98
66) n-Nitrosodiphenylamine	15.669	169	1316779	42.861	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	490683	42.922	ng	96
68) Hexachlorobenzene	16.475	284	570258	42.385	ng	99
69) Atrazine	16.639	200	490663	45.397	ng	99
70) Pentachlorophenol	16.834	266	764354	93.540	ng	99
71) Phenanthrene	17.234	178	2406150	43.804	ng	99
72) Anthracene	17.322	178	2391681	44.372	ng	99
73) Carbazole	17.604	167	2283938	43.806	ng	99
74) Di-n-butylphthalate	18.198	149	2796644	44.295	ng	99
75) Fluoranthene	19.316	202	2906053	44.720	ng	100
77) Benzidine	19.522	184	244173m	11.849	ng	
78) Pyrene	19.698	202	2966556	38.550	ng	100
80) Butylbenzylphthalate	20.651	149	1253004	40.815	ng	94
81) Benzo(a)anthracene	21.622	228	2982870	44.280	ng	99
82) 3,3'-Dichlorobenzidine	21.545	252	874920	43.692	ng	99
83) Chrysene	21.692	228	2821550	44.451	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	1799730	41.093	ng	98
85) Di-n-octyl phthalate	22.857	149	3216926	50.536	ng	97
87) Indeno(1,2,3-cd)pyrene	28.809	276	4224903m	57.202	ng	
88) Benzo(b)fluoranthene	23.945	252	3251249	42.968	ng	99
89) Benzo(k)fluoranthene	24.016	252	3182303	43.120	ng	99
90) Benzo(a)pyrene	24.845	252	3079509	49.142	ng	99
91) Dibenzo(a,h)anthracene	28.909	278	3528651	57.279	ng	97
92) Benzo(g,h,i)perylene	30.033	276	3425514	55.630	ng	96

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

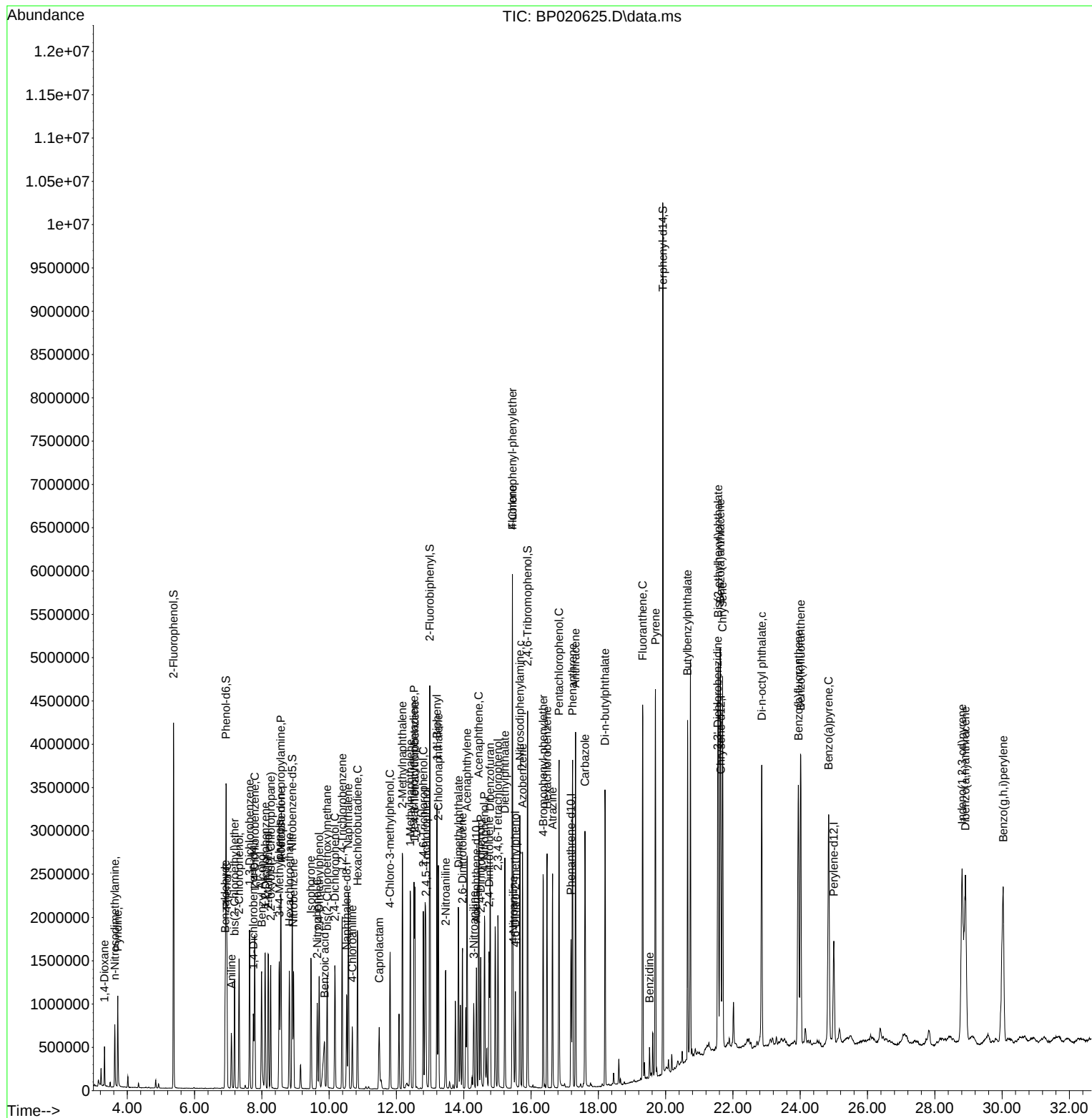
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020625.D
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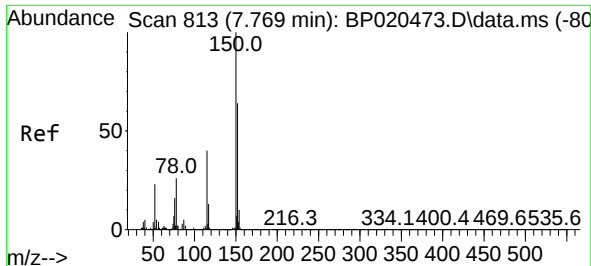
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 ClientSampleId :
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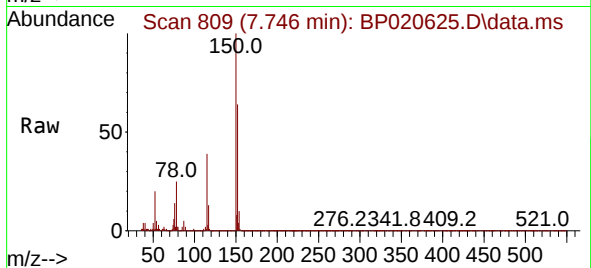
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

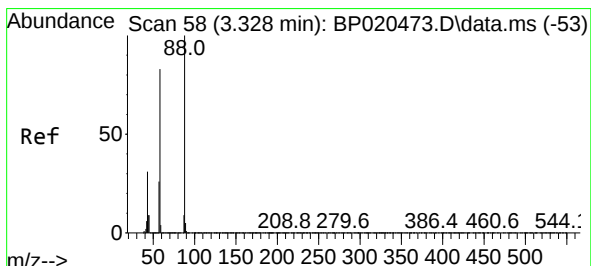
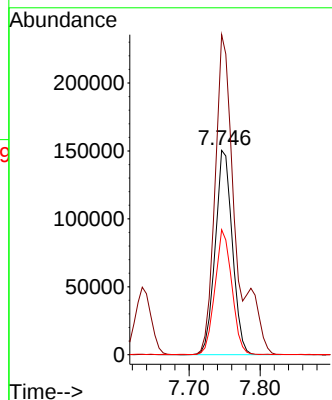
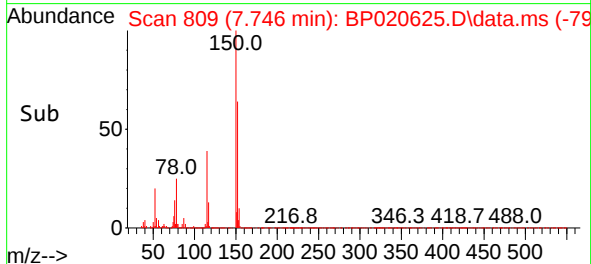
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion:152 Resp: 25102
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 61.1 49.5 74.3

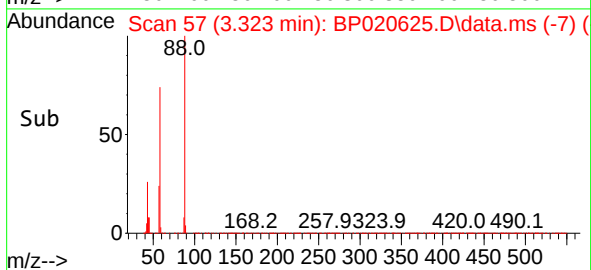
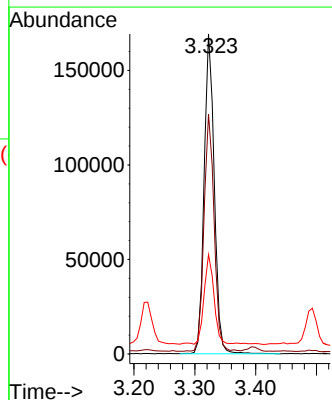
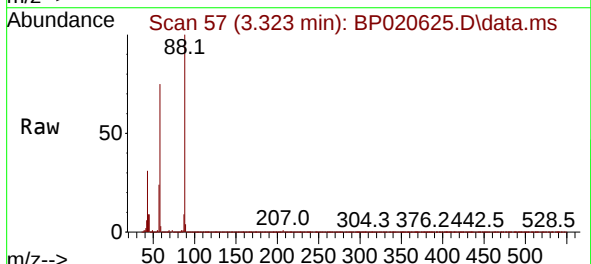
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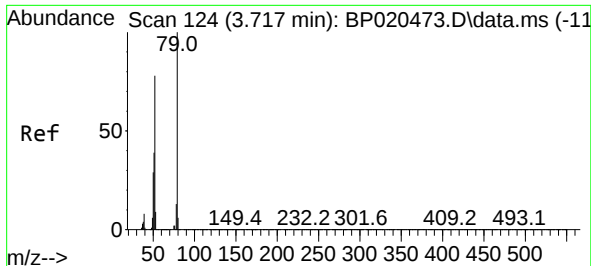
Reviewed By :Jagrut Upadhyay 06/17/2024
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#2
1,4-Dioxane
Concen: 34.561 ng
RT: 3.323 min Scan# 57
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

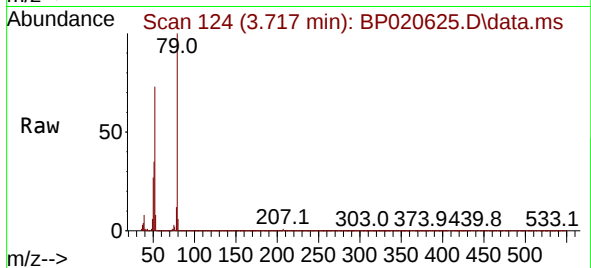
Tgt Ion: 88 Resp: 195786
Ion Ratio Lower Upper
88 100
58 74.4 64.6 97.0
43 27.5 24.5 36.7





#3
Pyridine
Concen: 29.431 ng
RT: 3.717 min Scan# 109
Delta R.T. 0.000 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

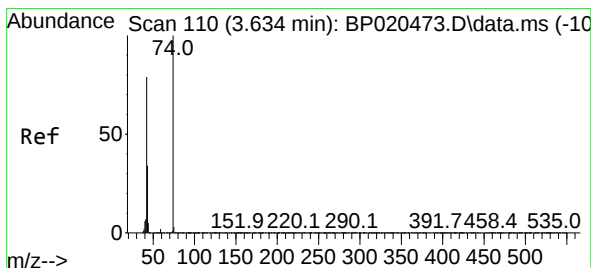
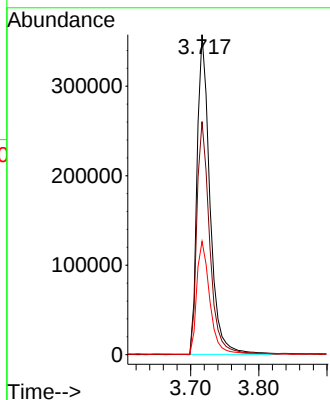
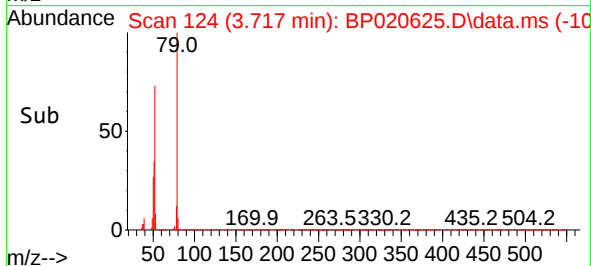
Instrument :
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ClientSampleId :
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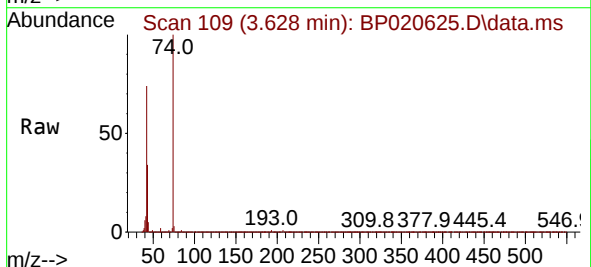
Tgt Ion: 79 Resp: 468774
Ion Ratio Lower Upper
79 100
52 72.8 62.6 94.0
51 35.4 31.0 46.4

Manual Integrations
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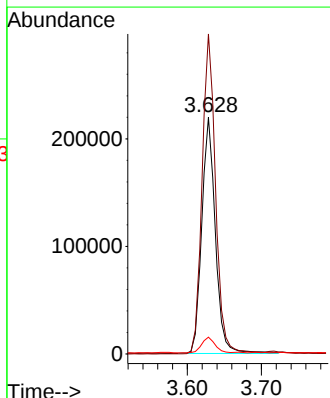
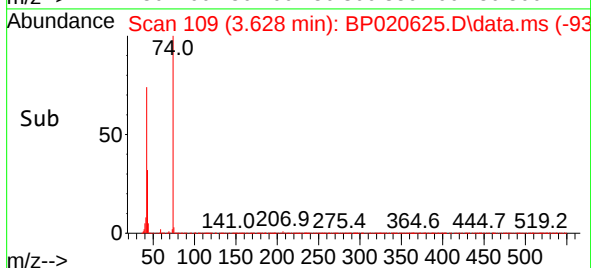
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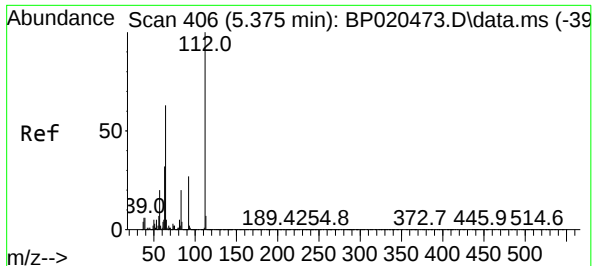


#4
n-Nitrosodimethylamine
Concen: 36.358 ng
RT: 3.628 min Scan# 109
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



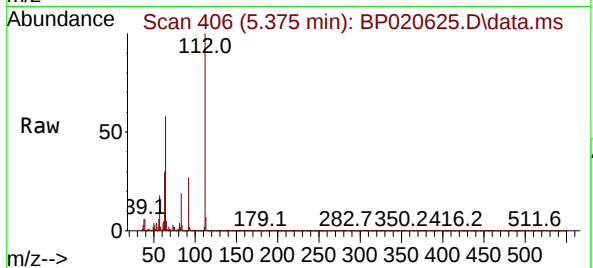
Tgt Ion: 42 Resp: 281278
Ion Ratio Lower Upper
42 100
74 135.2 100.6 151.0
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 126.028 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

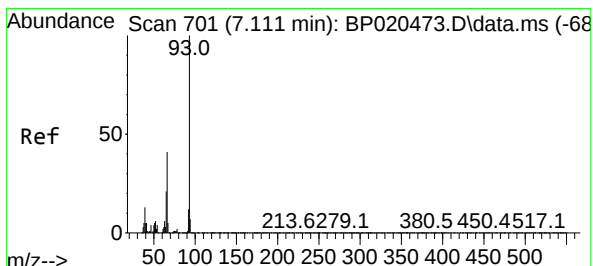
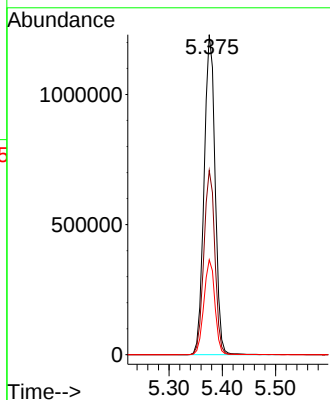
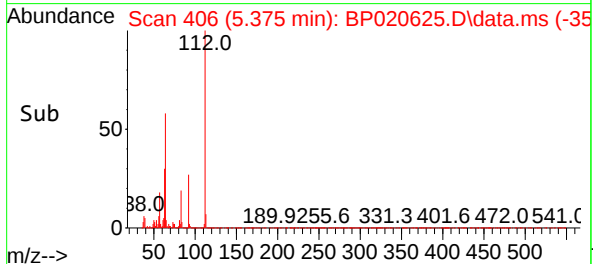
Instrument :
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ClientSampleId :
PB161492BS



Tgt Ion:112 Resp: 176694
Ion Ratio Lower Upper
112 100
64 57.6 50.1 75.1
63 29.7 25.7 38.5

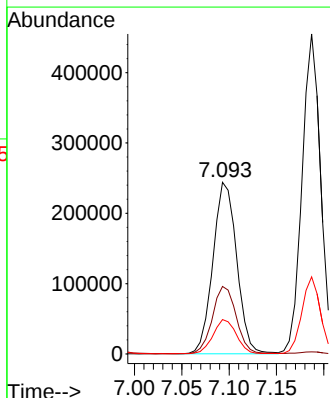
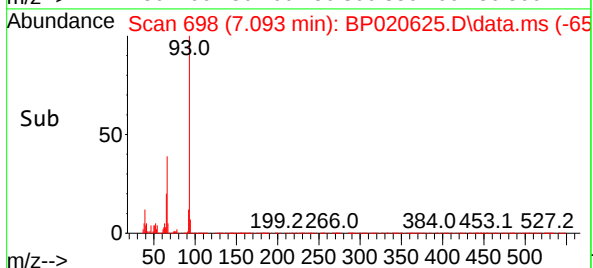
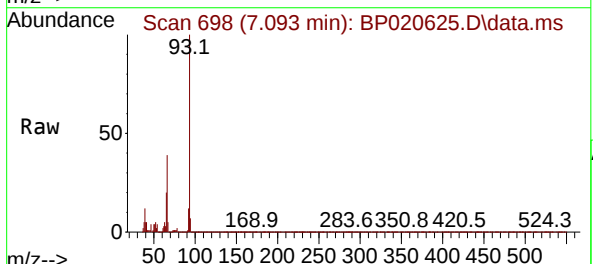
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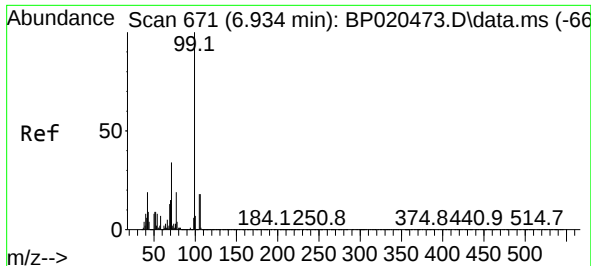
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#6
Aniline
Concen: 21.307 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

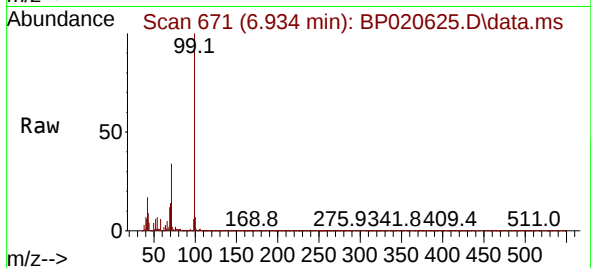
Tgt Ion: 93 Resp: 426872
Ion Ratio Lower Upper
93 100
66 39.4 32.8 49.2
65 20.0 16.9 25.3





#7
Phenol-d6
Concen: 107.841 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

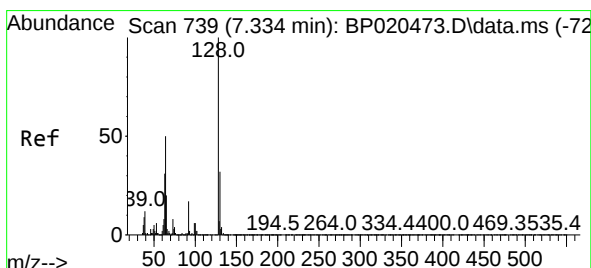
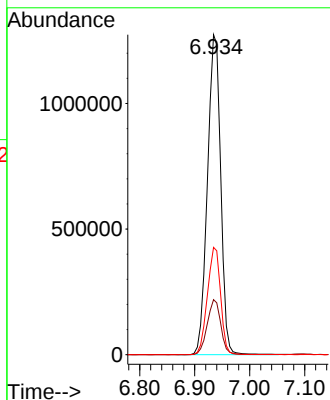
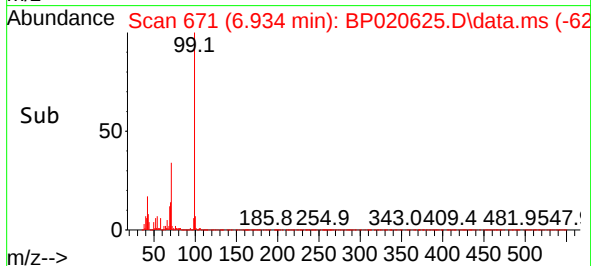
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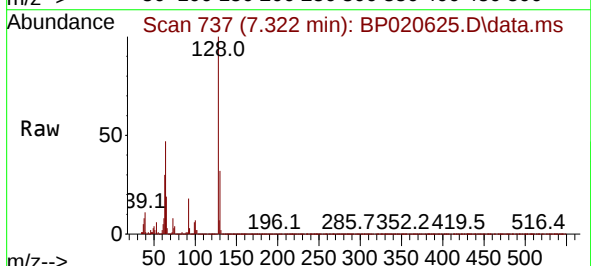
Tgt Ion: 99 Resp: 213222
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 33.5 27.3 40.9

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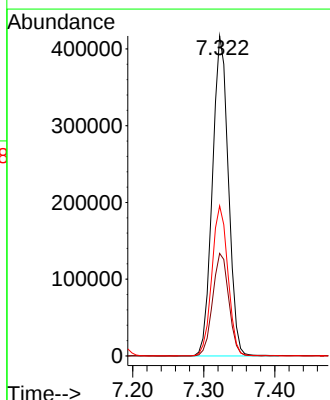
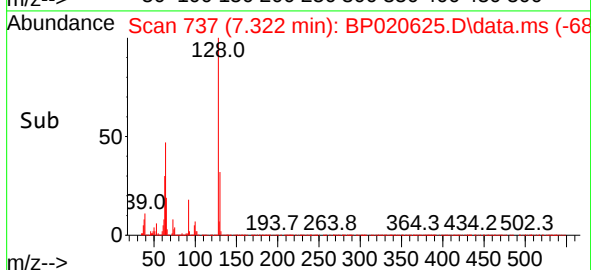
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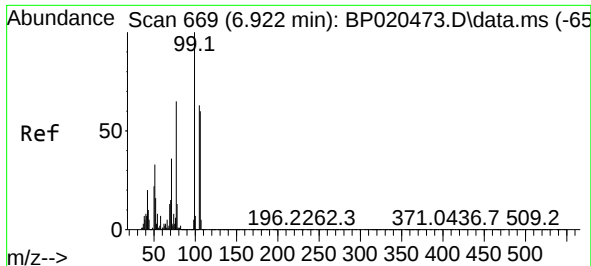


#8
2-Chlorophenol
Concen: 41.357 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



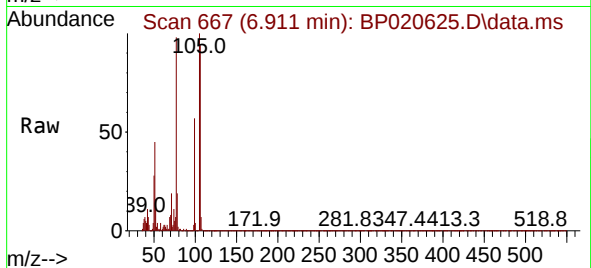
Tgt Ion:128 Resp: 649989
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 46.9 29.6 69.6





#9
Benzaldehyde
Concen: 25.604 ng m
RT: 6.911 min Scan# 60
Delta R.T. -0.011 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

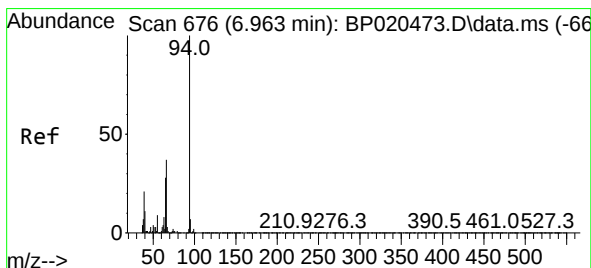
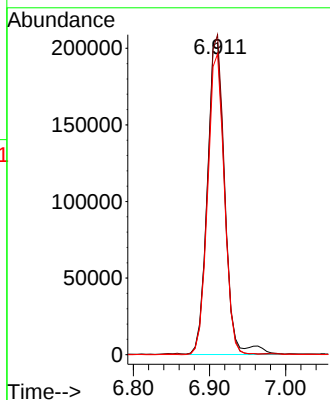
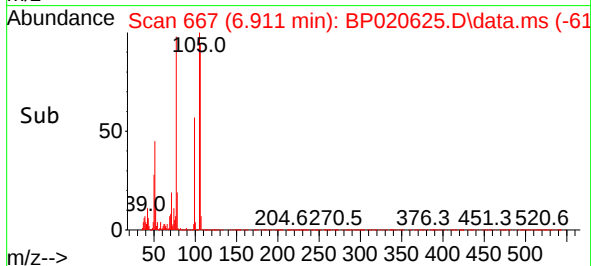
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Tgt Ion: 77 Resp: 32473
Ion Ratio Lower Upper
77 100
105 102.5 76.8 116.8
106 96.4 72.0 112.0

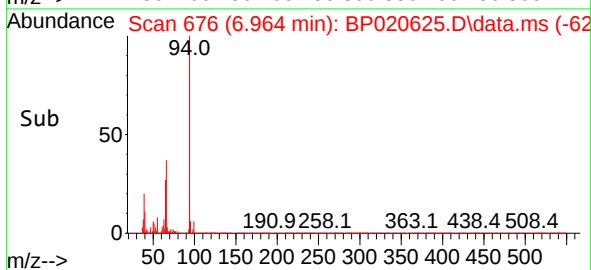
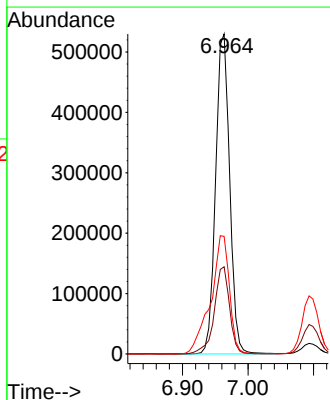
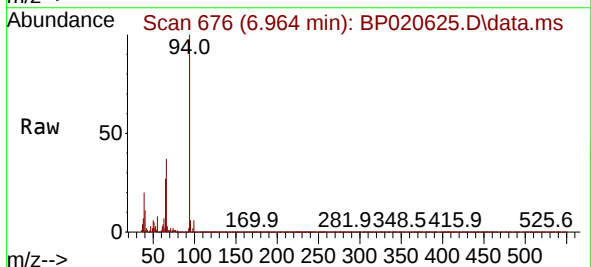
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#10
Phenol
Concen: 38.791 ng
RT: 6.964 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

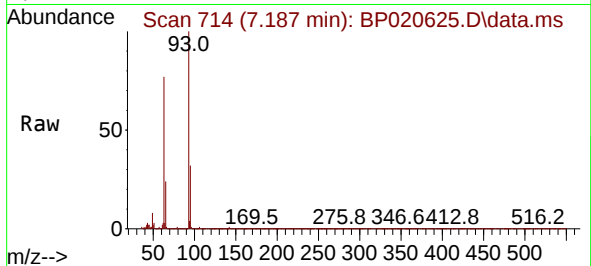
Tgt Ion: 94 Resp: 785635
Ion Ratio Lower Upper
94 100
65 27.2 8.2 48.2
66 36.8 17.2 57.2





#11
bis(2-Chloroethyl)ether
Concen: 36.959 ng
RT: 7.187 min Scan# 718
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

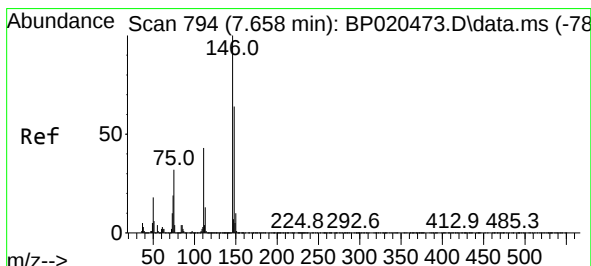
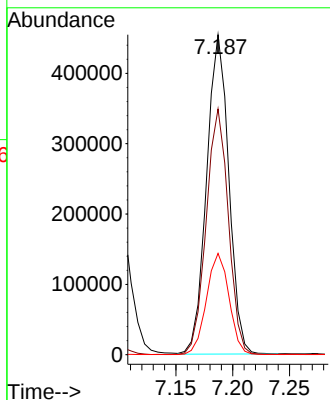
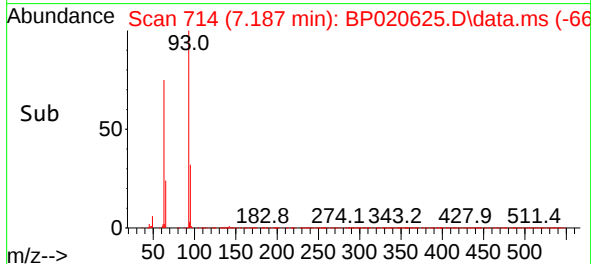
Instrument :
BNA_P
ClientSampleId :
PB161492BS



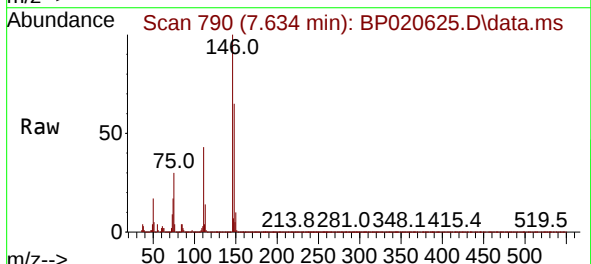
Tgt Ion: 93 Resp: 617298
Ion Ratio Lower Upper
93 100
63 76.8 58.3 98.3
95 31.7 12.3 52.3

Manual Integrations
APPROVED

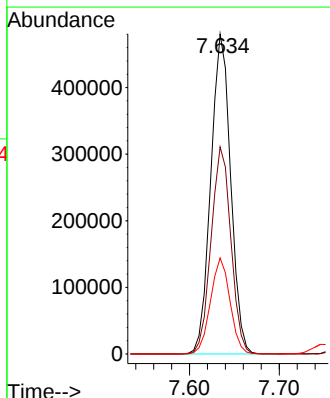
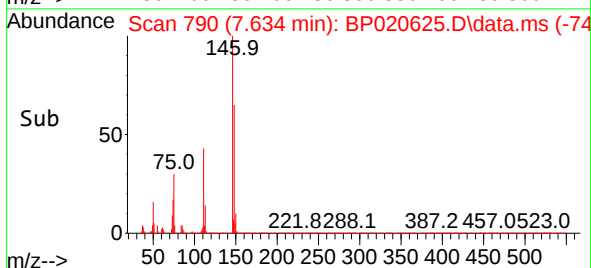
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

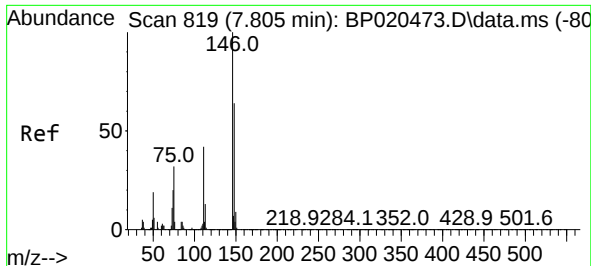


#12
1,3-Dichlorobenzene
Concen: 39.842 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



Tgt Ion:146 Resp: 737765
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 30.0 25.3 37.9





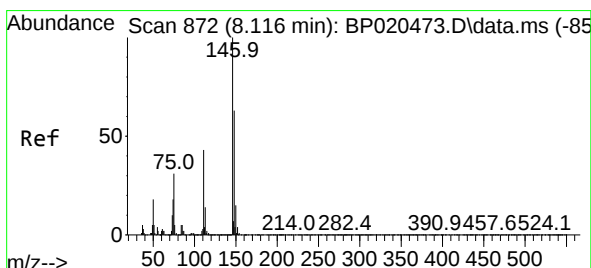
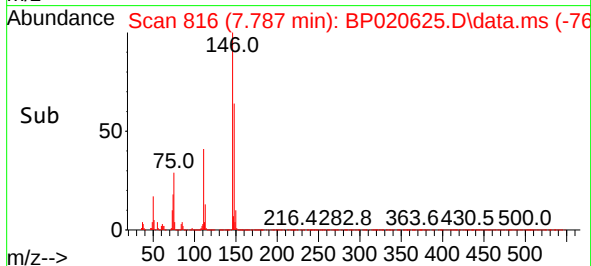
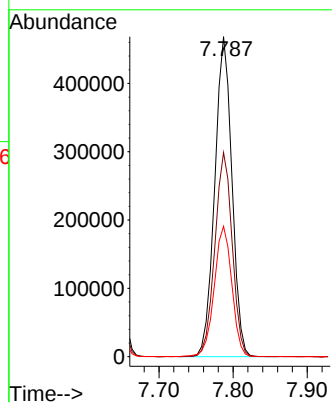
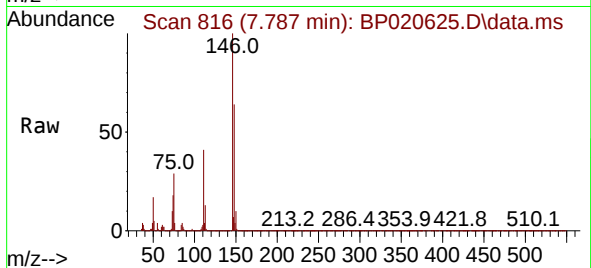
#13
1,4-Dichlorobenzene
Concen: 40.038 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :
BNA_P
ClientSampleId :
PB161492BS

Tgt Ion:146 Resp: 753530
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 40.8 33.8 50.6

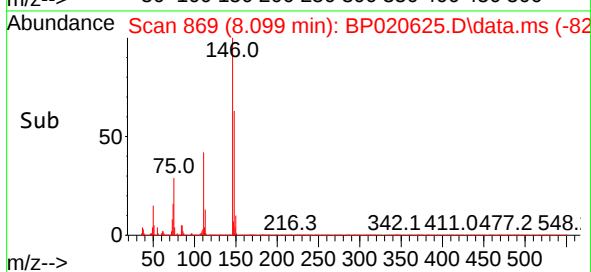
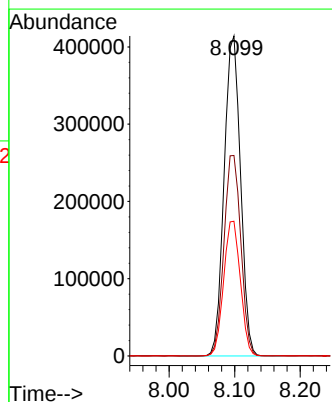
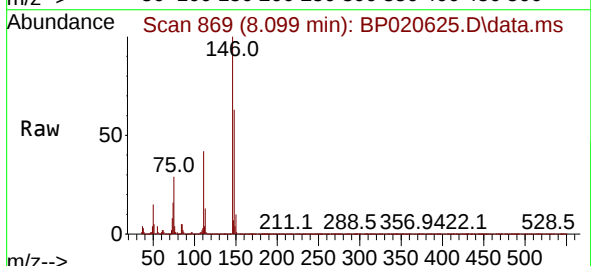
Manual Integrations
APPROVED

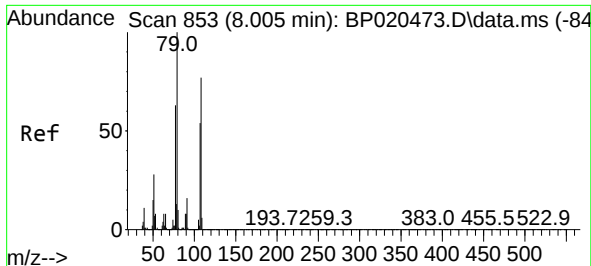
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#14
1,2-Dichlorobenzene
Concen: 39.522 ng
RT: 8.099 min Scan# 869
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

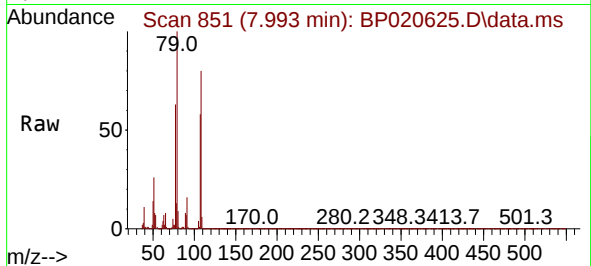
Tgt Ion:146 Resp: 717848
Ion Ratio Lower Upper
146 100
148 62.6 50.1 75.1
111 42.1 34.4 51.6





#15
Benzyl Alcohol
Concen: 37.829 ng
RT: 7.993 min Scan# 851
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

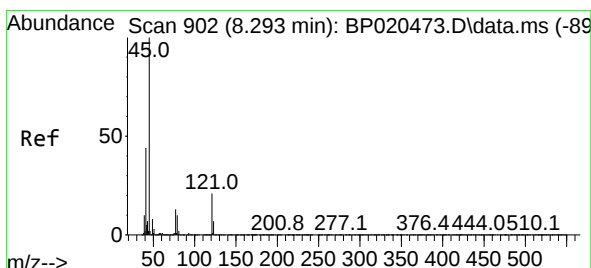
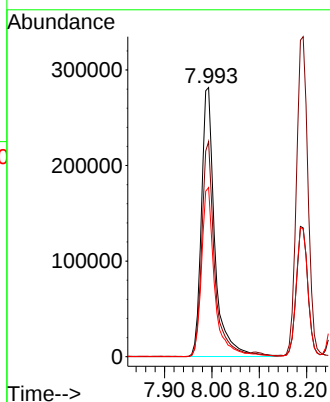
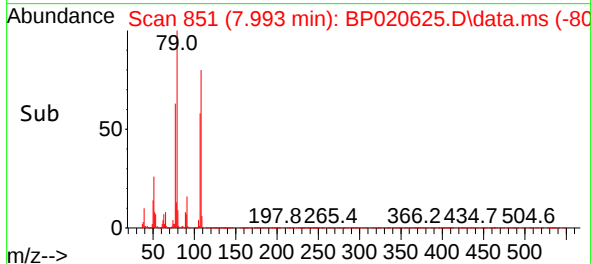
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion: 79 Resp: 55248
Ion Ratio Lower Upper
79 100
108 79.9 61.4 92.2
77 62.8 50.2 75.2

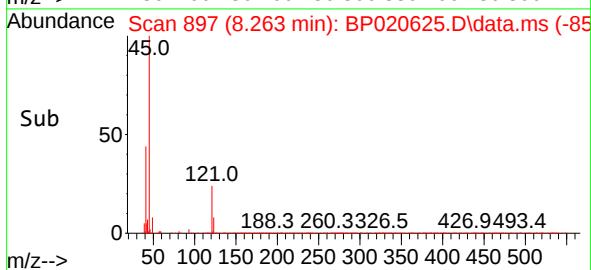
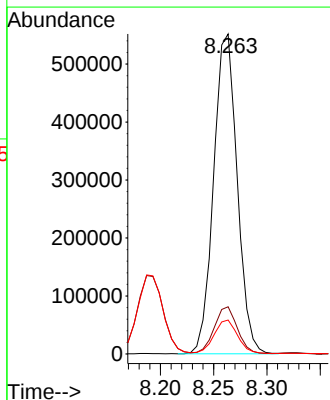
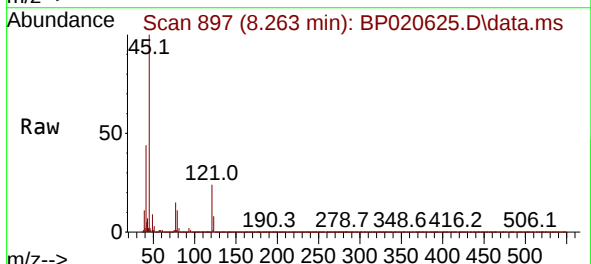
Manual Integrations
APPROVED

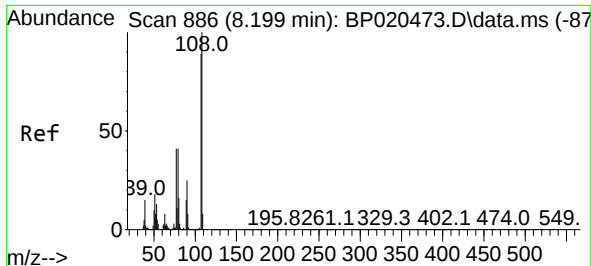
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.951 ng
RT: 8.263 min Scan# 897
Delta R.T. -0.029 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion: 45 Resp: 846610
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.6
79 10.6 0.0 29.9





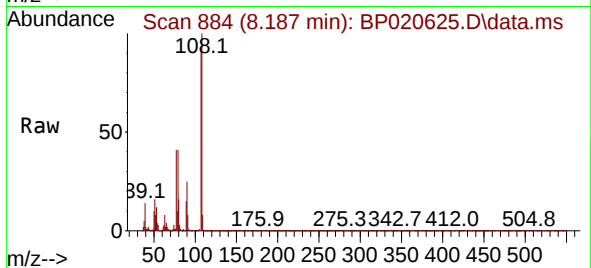
#17
2-Methylphenol
Concen: 37.119 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

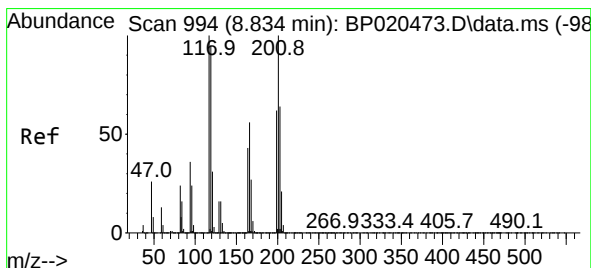
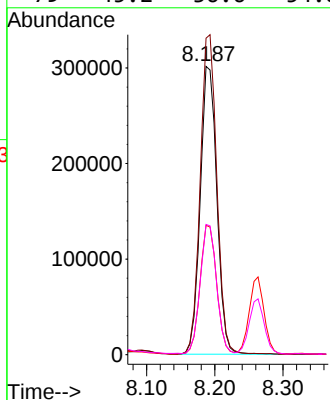
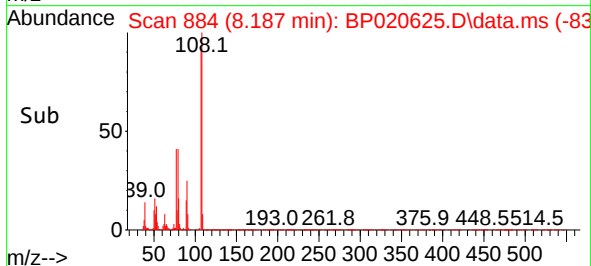


Tgt Ion:107 Resp: 510160
Ion Ratio Lower Upper
107 100
108 109.8 89.4 134.2
77 44.8 36.6 55.0
79 45.2 36.6 54.8

Manual Integrations

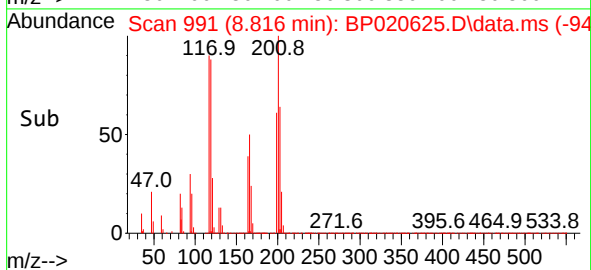
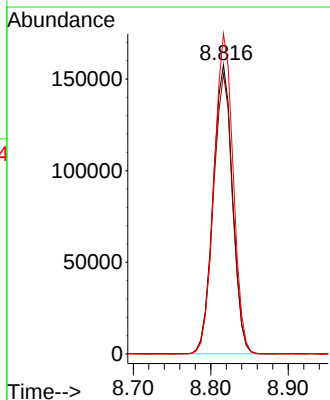
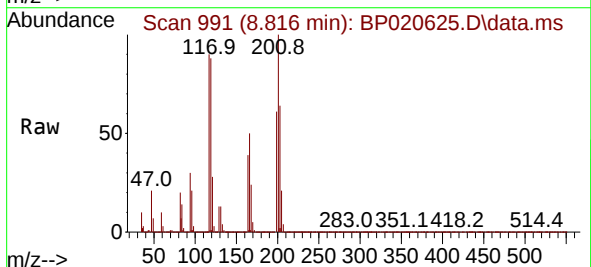
APPROVED

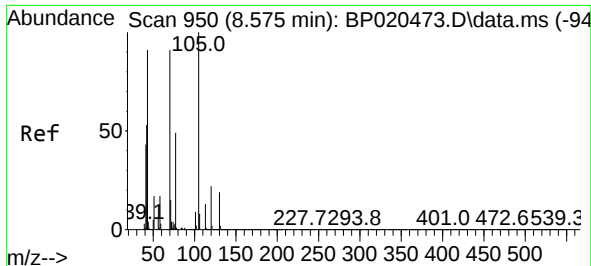
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#18
Hexachloroethane
Concen: 39.918 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

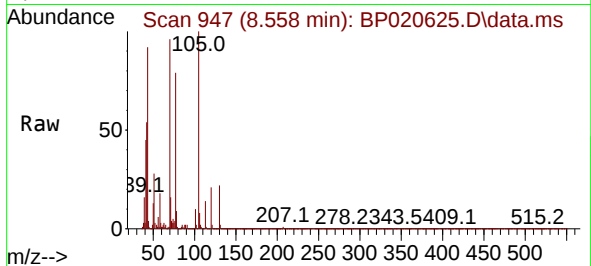
Tgt Ion:117 Resp: 274324
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5
201 110.7 79.9 119.9





#19
n-Nitroso-di-n-propylamine
Concen: 33.343 ng
RT: 8.558 min Scan# 947
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

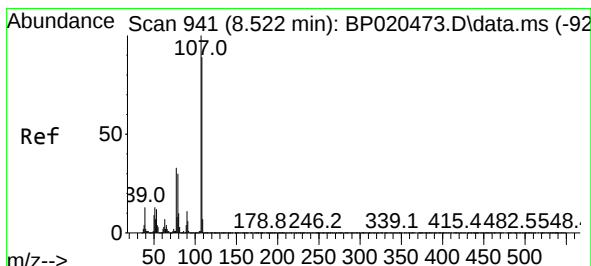
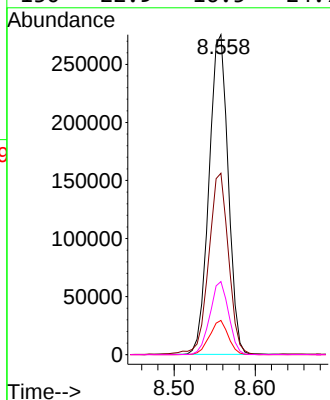
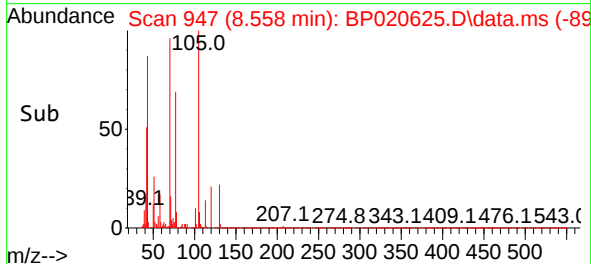
Instrument :
BNA_P
ClientSampleId :
PB161492BS



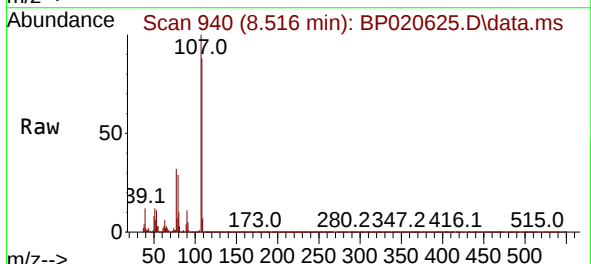
Tgt Ion: 70 Resp: 450049
Ion Ratio Lower Upper
70 100
42 56.7 47.4 71.0
101 10.7 7.8 11.8
130 22.9 16.5 24.7

Manual Integrations
APPROVED

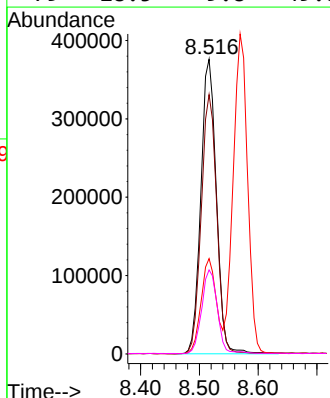
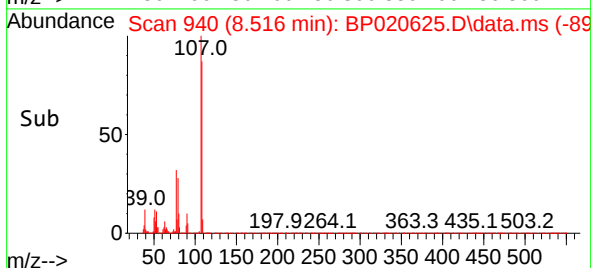
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

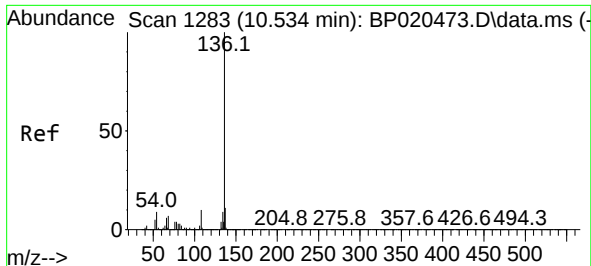


#20
3+4-Methylphenols
Concen: 37.004 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



Tgt Ion:107 Resp: 691733
Ion Ratio Lower Upper
107 100
108 88.0 69.2 109.2
77 32.4 13.5 53.5
79 28.5 9.8 49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

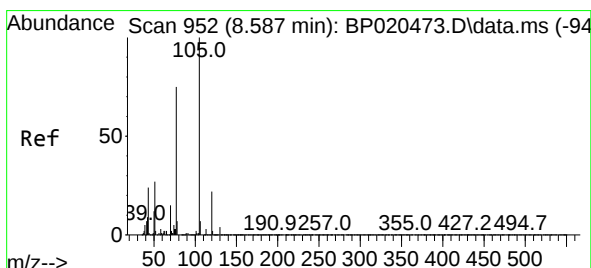
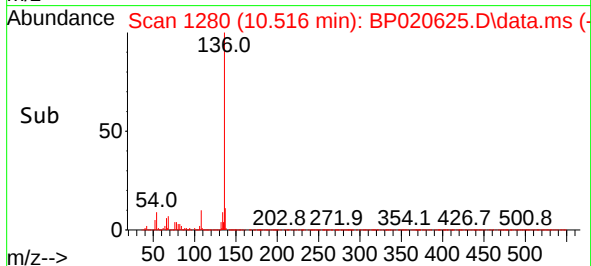
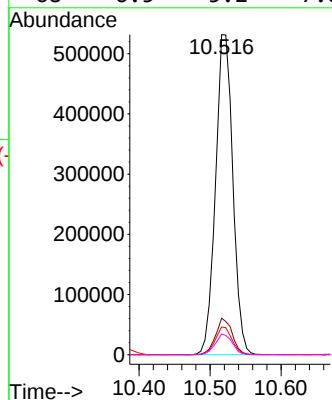
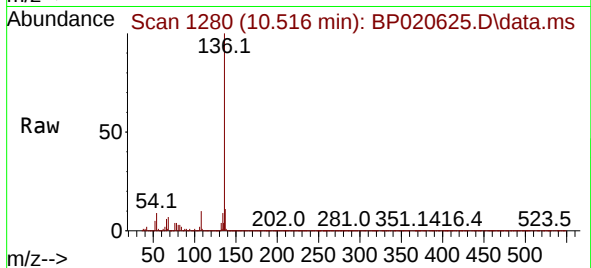
ClientSampleId :

PB161492BS

Tgt Ion:136 Resp: 89814
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.7 7.4 11.0
68 6.5 5.2 7.8

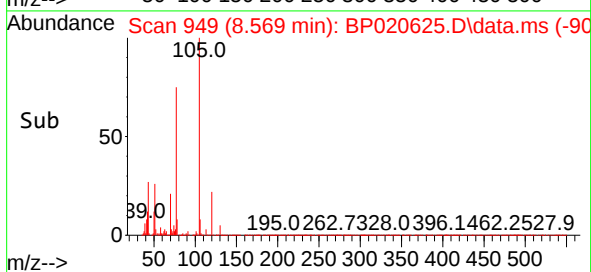
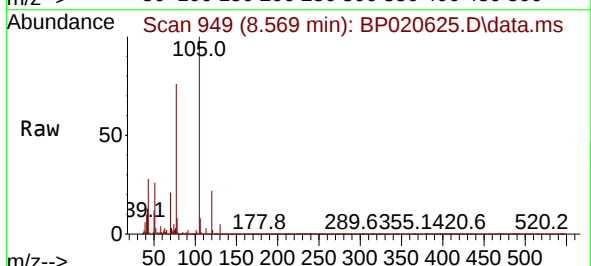
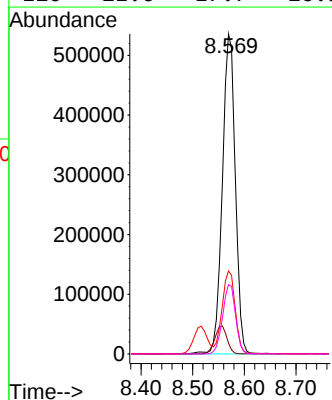
Manual Integrations
APPROVED

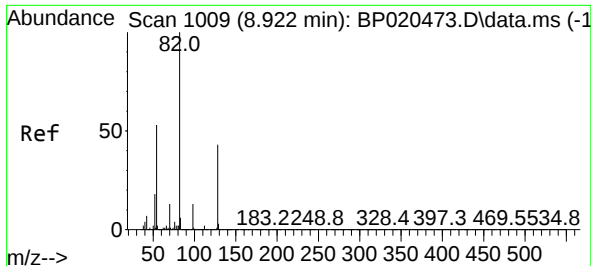
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#22
Acetophenone
Concen: 41.875 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:105 Resp: 933554
Ion Ratio Lower Upper
105 100
71 3.4 2.3 3.5
51 26.0 22.6 33.8
120 21.6 17.7 26.5





#23
Nitrobenzene-d5
Concen: 79.714 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

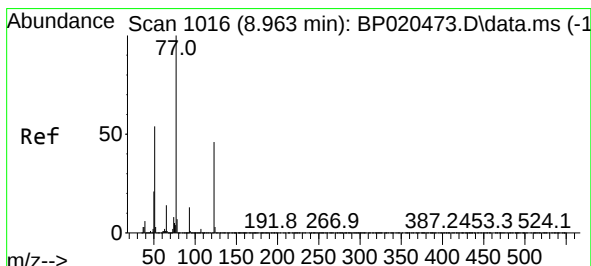
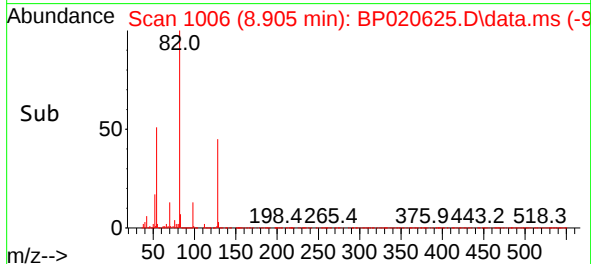
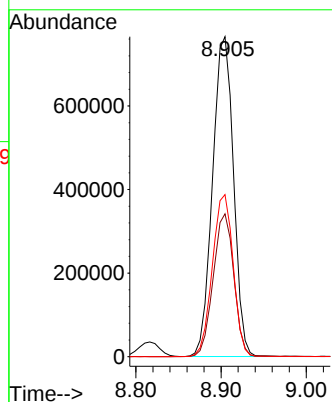
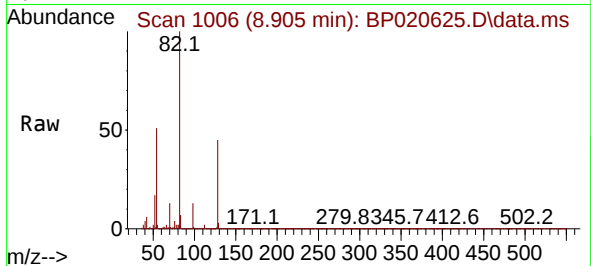
PB161492BS

Tgt Ion: 82 Resp: 130789
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.4
54 50.7 42.7 64.1

Manual Integrations

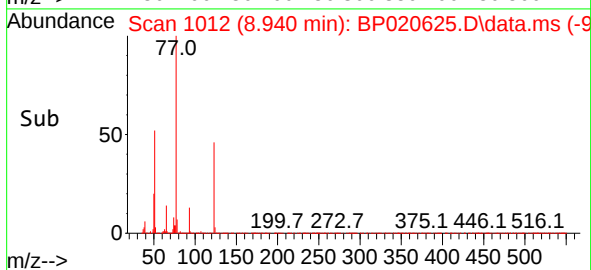
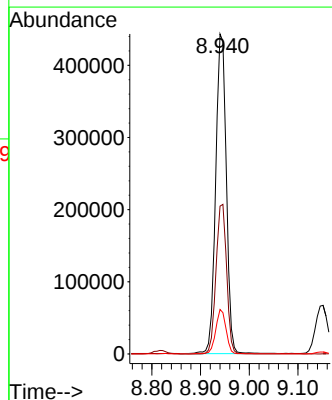
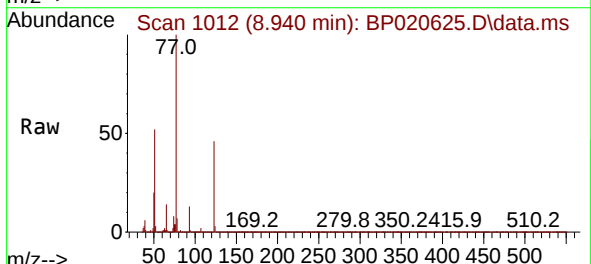
APPROVED

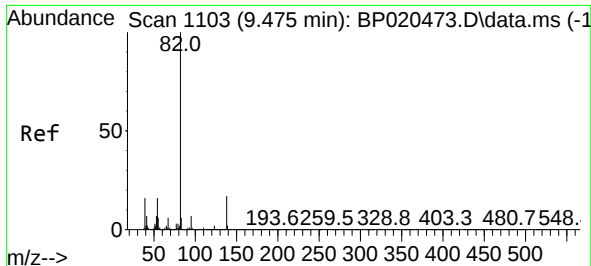
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#24
Nitrobenzene
Concen: 40.223 ng
RT: 8.940 min Scan# 1012
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion: 77 Resp: 669783
Ion Ratio Lower Upper
77 100
123 46.2 36.6 54.8
65 13.9 11.1 16.7





#25
Isophorone
Concen: 37.859 ng
RT: 9.458 min Scan# 1100
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

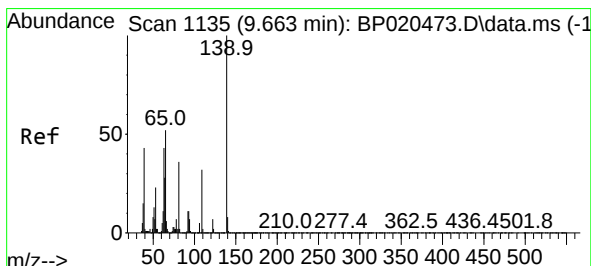
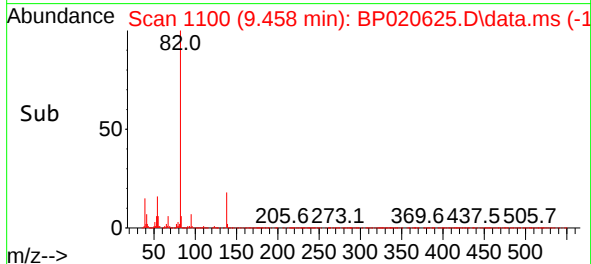
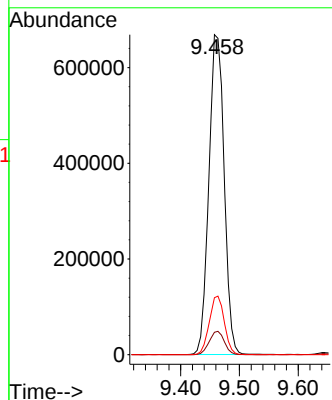
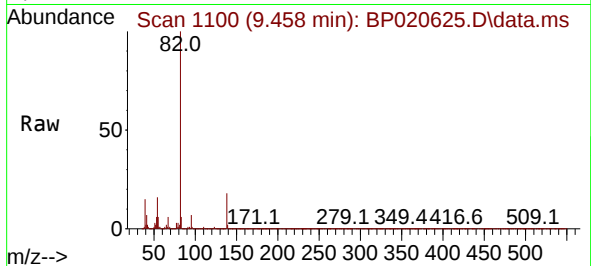
ClientSampleId :

PB161492BS

Tgt Ion: 82 Resp: 1206890
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 17.8 13.8 20.6

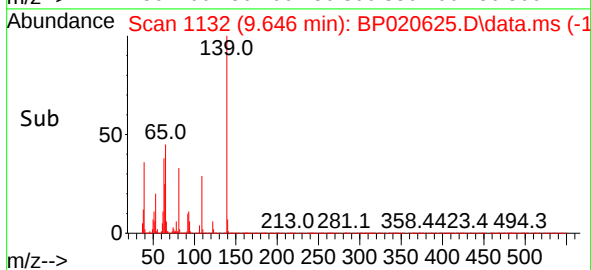
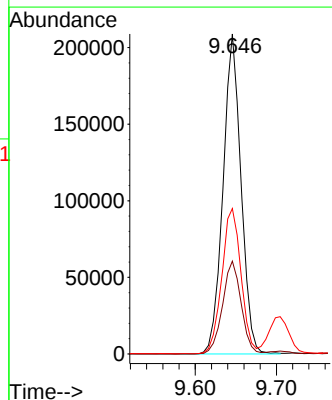
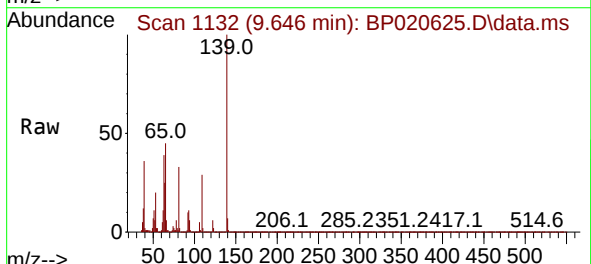
Manual Integrations
APPROVED

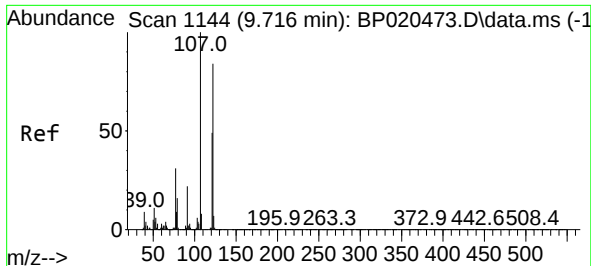
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#26
2-Nitrophenol
Concen: 48.767 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:139 Resp: 321667
Ion Ratio Lower Upper
139 100
109 29.0 25.8 38.8
65 45.4 41.8 62.8





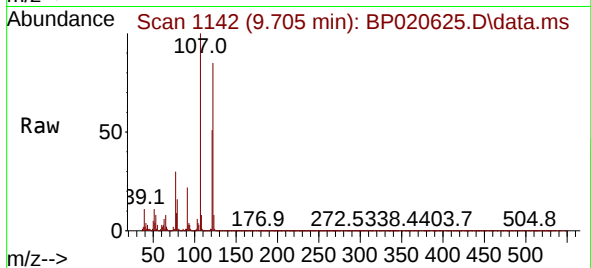
#27
2,4-Dimethylphenol
Concen: 43.144 ng
RT: 9.705 min Scan# 1144
Delta R.T. -0.011 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

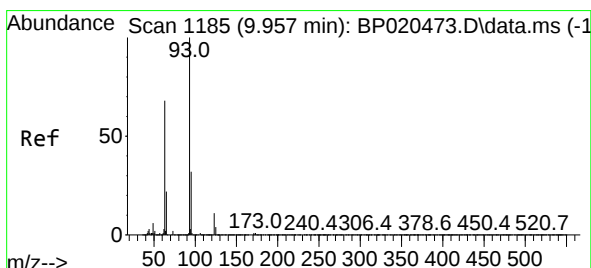
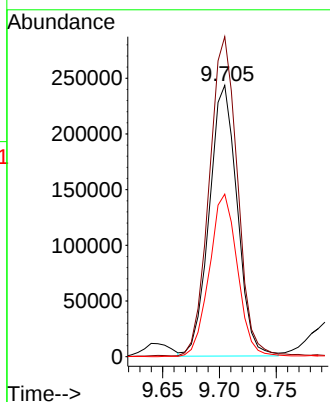
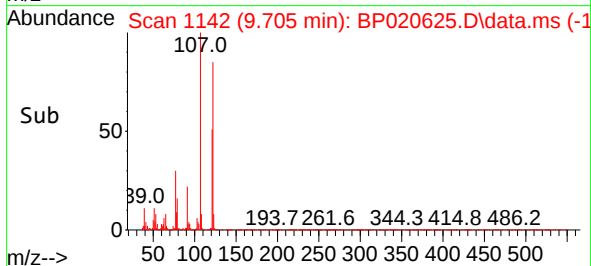


Tgt Ion: 122 Resp: 41550
Ion Ratio Lower Upper
122 100
107 117.9 95.0 142.4
121 59.9 46.1 69.1

Manual Integrations

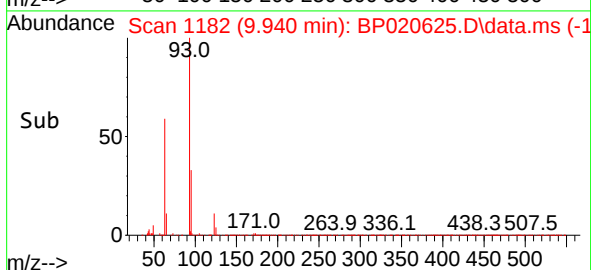
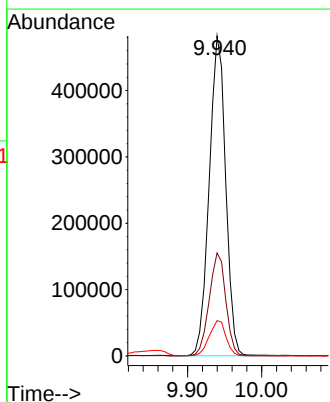
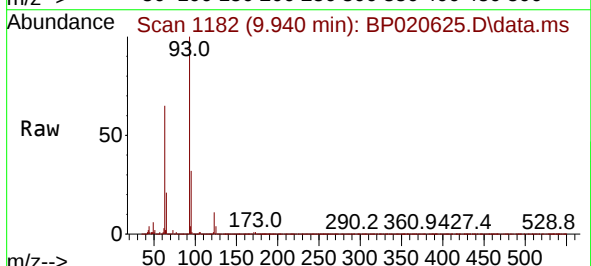
APPROVED

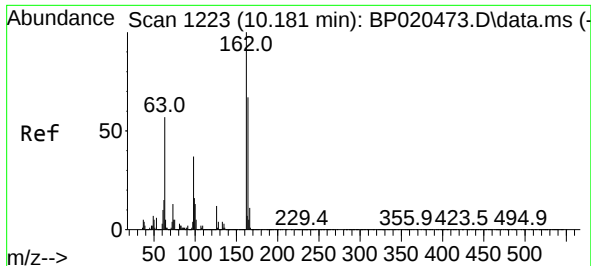
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.950 ng
RT: 9.940 min Scan# 1182
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion: 93 Resp: 743582
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 11.0 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 43.626 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

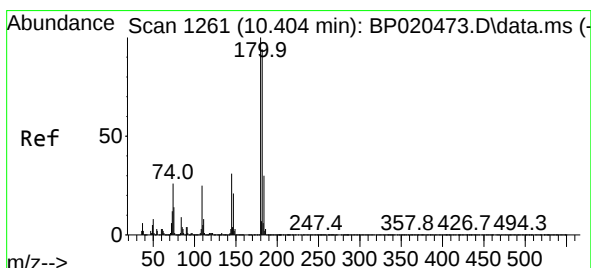
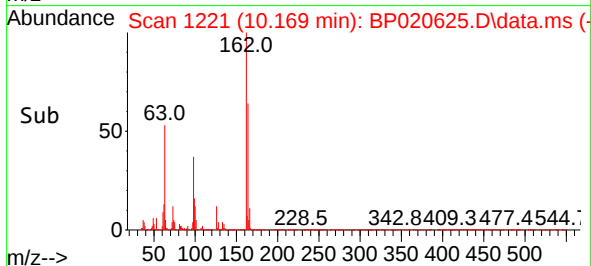
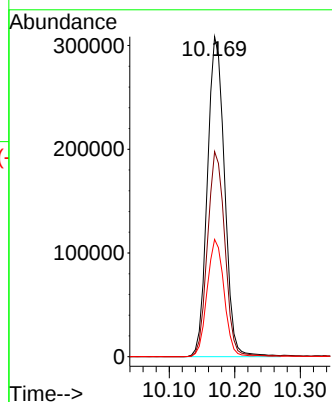
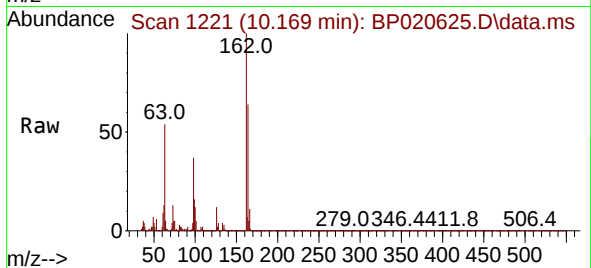
ClientSampleId :

PB161492BS

Tgt Ion:162 Resp: 563670
Ion Ratio Lower Upper
162 100
164 64.1 46.5 86.5
98 36.7 17.4 57.4

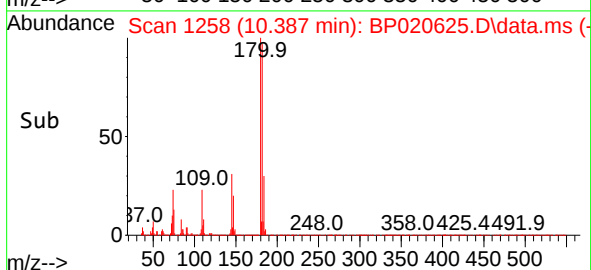
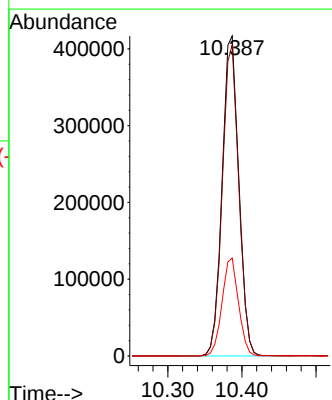
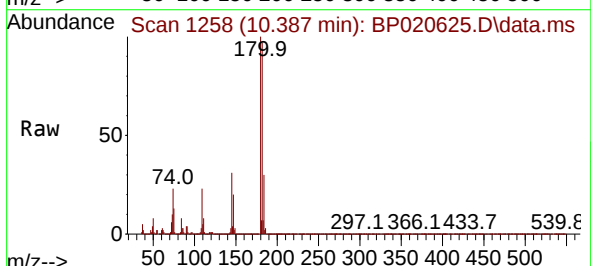
Manual Integrations
APPROVED

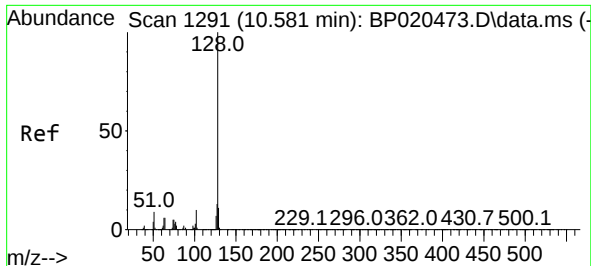
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.511 ng
RT: 10.387 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

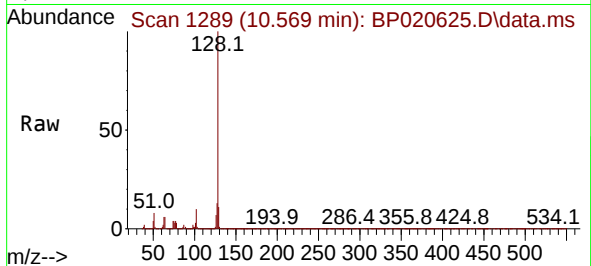
Tgt Ion:180 Resp: 652077
Ion Ratio Lower Upper
180 100
182 97.3 75.2 112.8
145 30.6 24.9 37.3





#31
Naphthalene
Concen: 41.146 ng
RT: 10.569 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

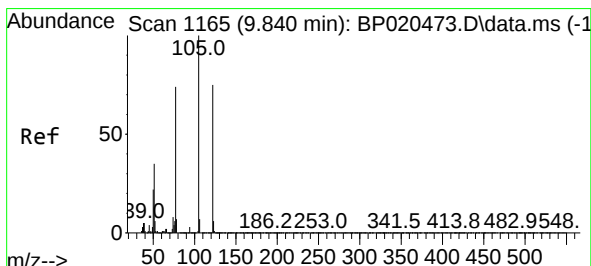
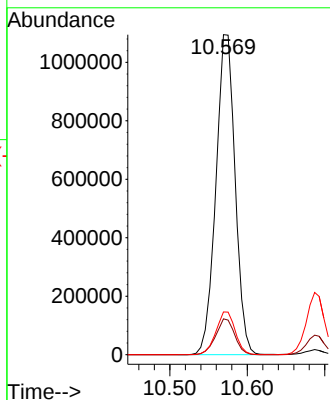
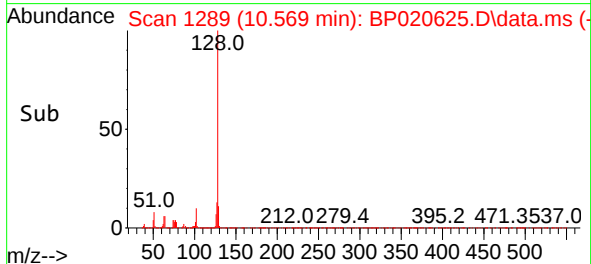
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion:128 Resp: 1889194
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.5 15.7

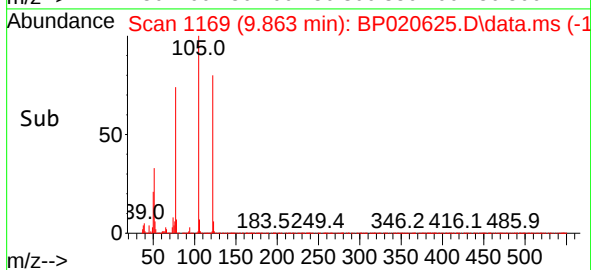
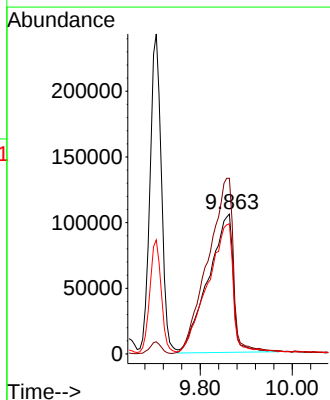
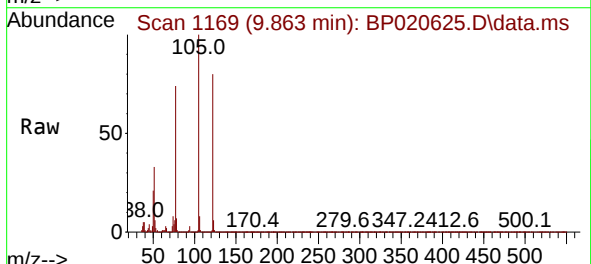
Manual Integrations
APPROVED

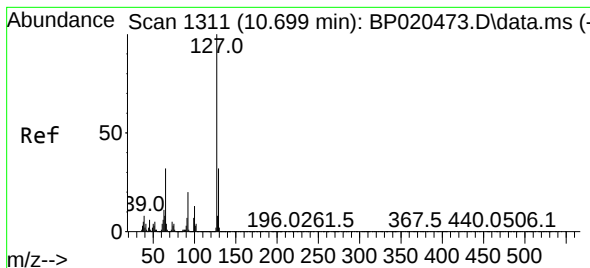
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#32
Benzoic acid
Concen: 44.130 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:122 Resp: 397878
Ion Ratio Lower Upper
122 100
105 125.7 107.5 147.5
77 93.1 76.1 116.1





#33
4-Chloroaniline
Concen: 20.182 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

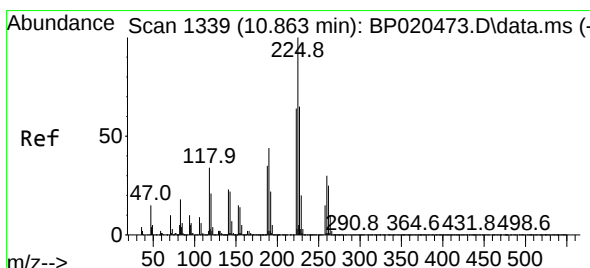
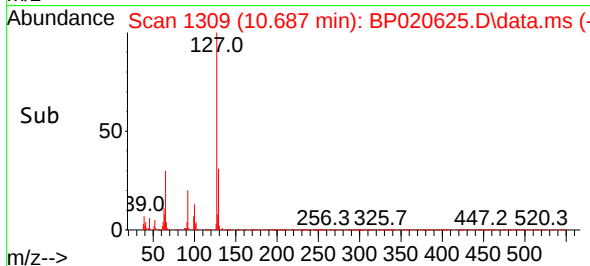
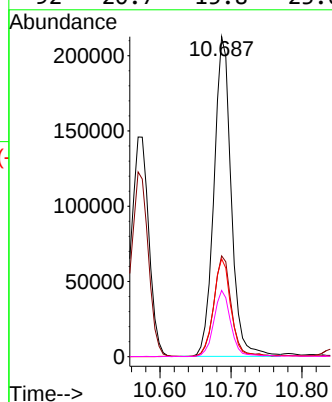
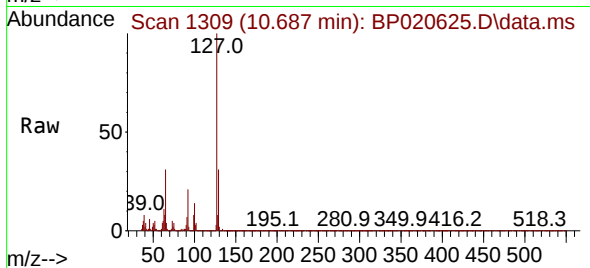
PB161492BS

Tgt Ion:127 Resp: 35846
Ion Ratio Lower Upper
127 100
129 31.5 26.0 39.0
65 30.6 25.4 38.2
92 20.7 15.8 23.6

Manual Integrations

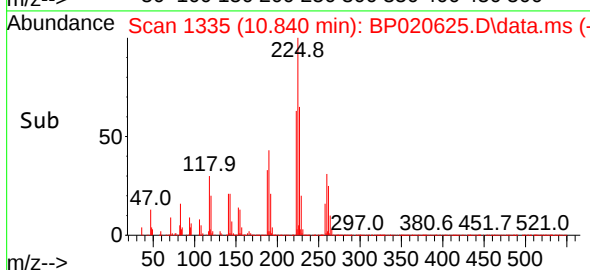
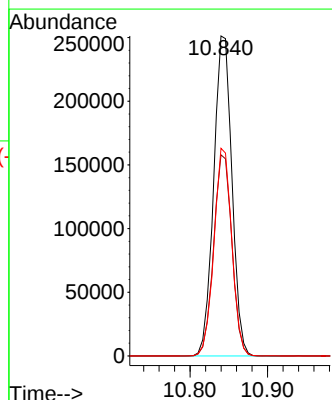
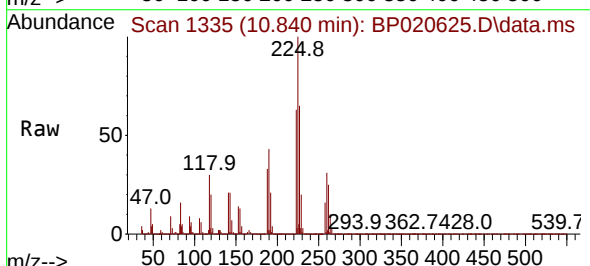
APPROVED

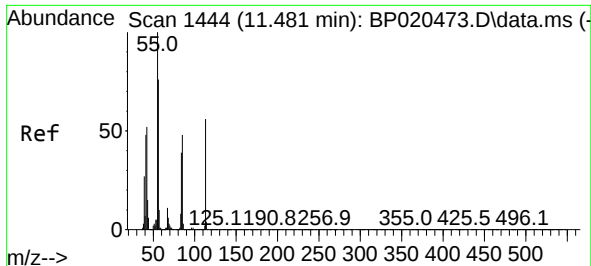
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#34
Hexachlorobutadiene
Concen: 42.575 ng
RT: 10.840 min Scan# 1335
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

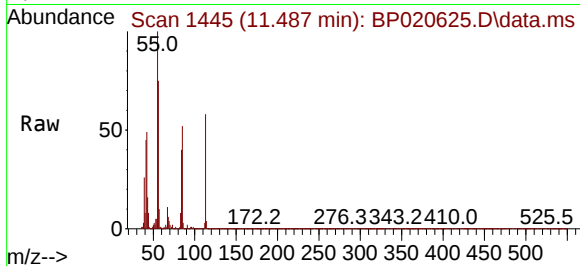
Tgt Ion:225 Resp: 411374
Ion Ratio Lower Upper
225 100
223 62.8 51.3 76.9
227 64.9 51.6 77.4





#35
Caprolactam
Concen: 39.504 ng m
RT: 11.487 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

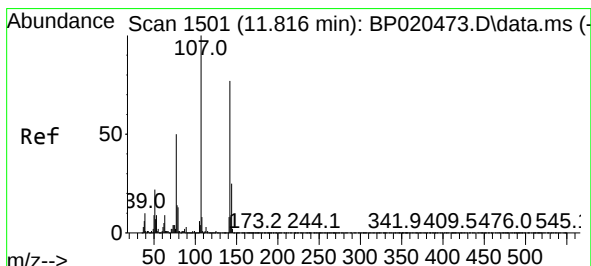
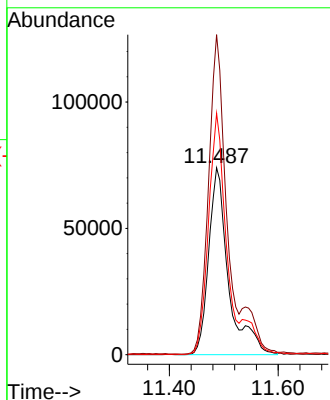
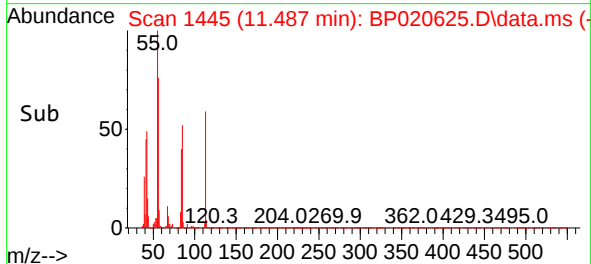
Instrument :
BNA_P
ClientSampleId :
PB161492BS



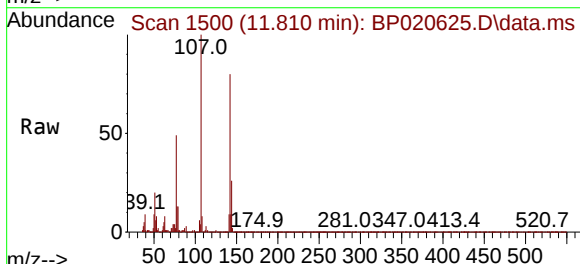
Tgt Ion:113 Resp: 187049
Ion Ratio Lower Upper
113 100
55 171.2 158.7 198.7
56 129.1 115.4 155.4

Manual Integrations
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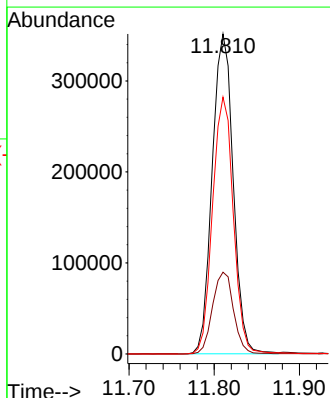
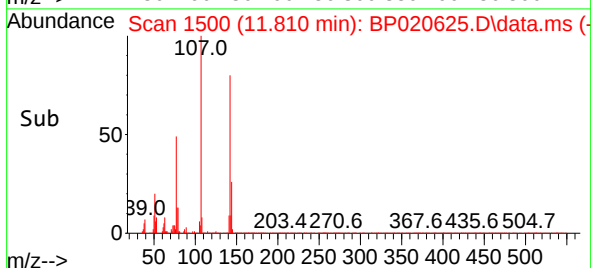
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

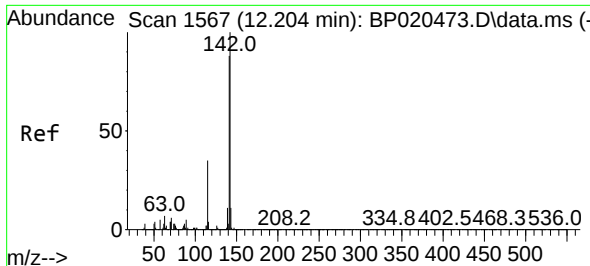


#36
4-Chloro-3-methylphenol
Concen: 39.807 ng
RT: 11.810 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



Tgt Ion:107 Resp: 602182
Ion Ratio Lower Upper
107 100
144 25.5 20.0 30.0
142 80.2 61.4 92.2





#37
2-Methylnaphthalene
Concen: 38.292 ng
RT: 12.175 min Scan# 1562
Delta R.T. -0.029 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

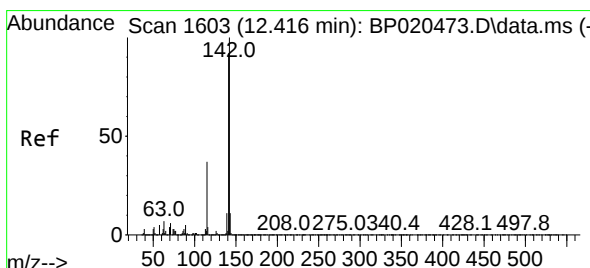
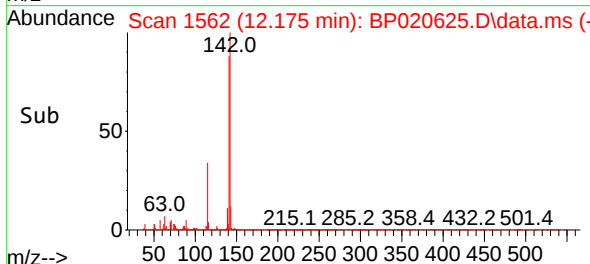
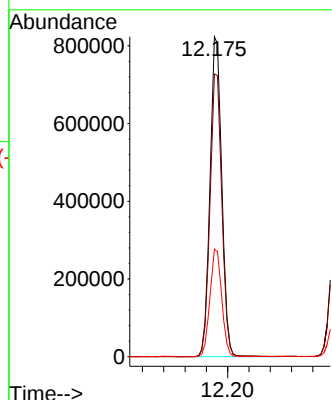
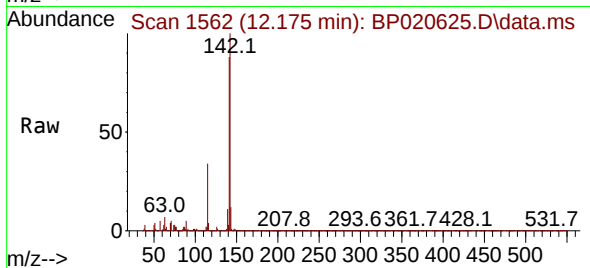
PB161492BS

Tgt Ion:142 Resp: 1259829
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 33.7 28.0 42.0

Manual Integrations

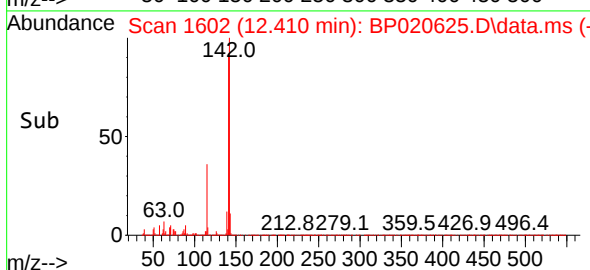
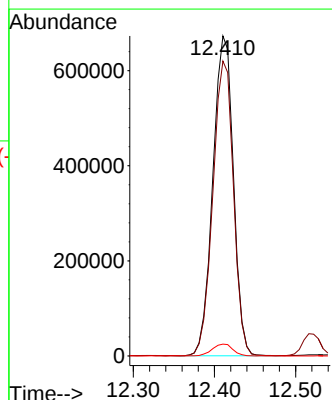
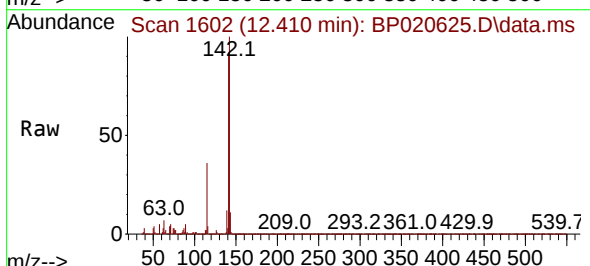
APPROVED

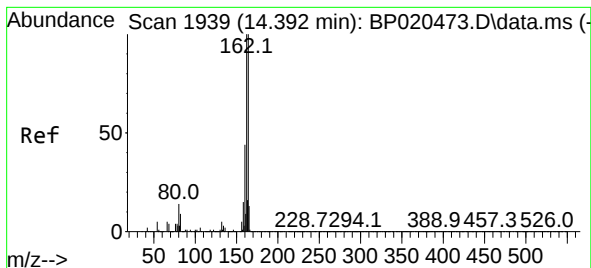
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#38
1-Methylnaphthalene
Concen: 36.212 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:142 Resp: 1181011
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5
116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.017 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

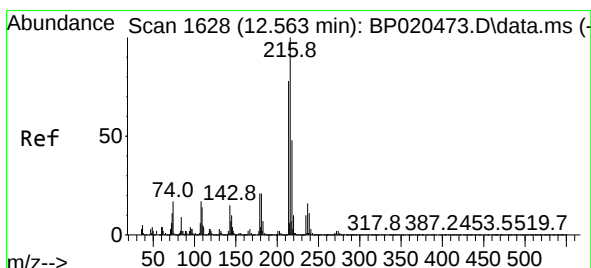
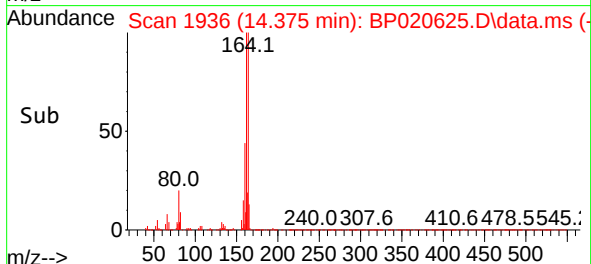
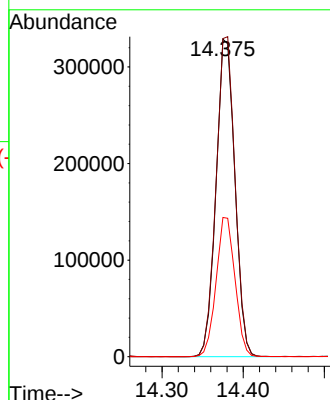
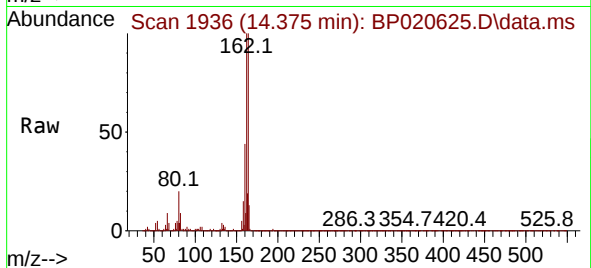
PB161492BS

Tgt Ion:164	Resp: 52999
Ion Ratio	Lower Upper
164 100	
162 100.2	80.3 120.5
160 43.8	35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.450 ng

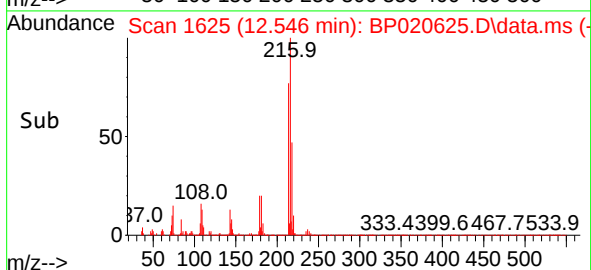
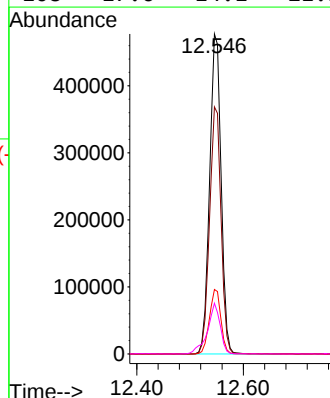
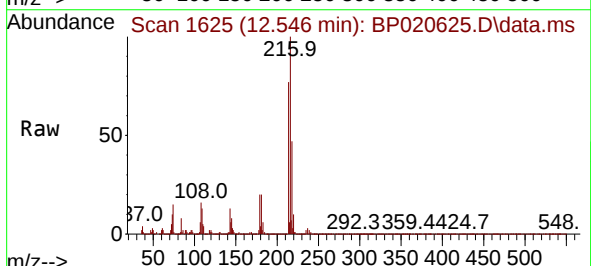
RT: 12.546 min Scan# 1625

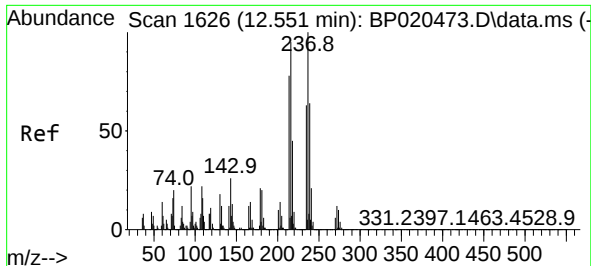
Delta R.T. -0.018 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

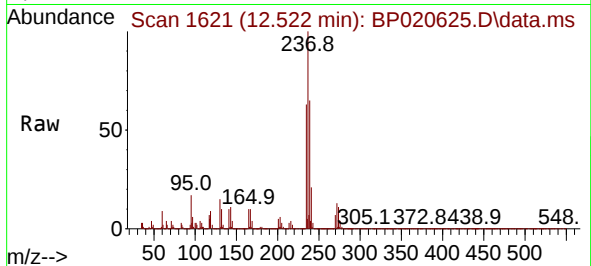
Tgt Ion:216	Resp: 712285
Ion Ratio	Lower Upper
216 100	
214 77.3	63.0 94.4
179 20.1	16.9 25.3
108 17.6	14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 119.043 ng
RT: 12.522 min Scan# 10
Delta R.T. -0.029 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

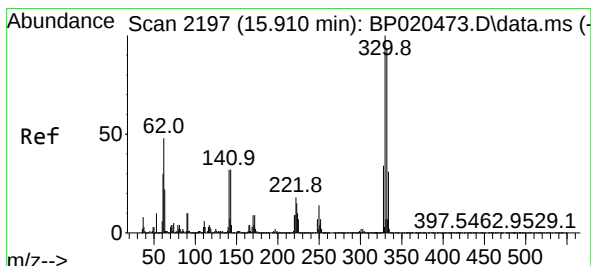
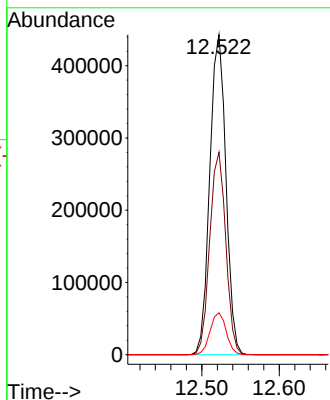
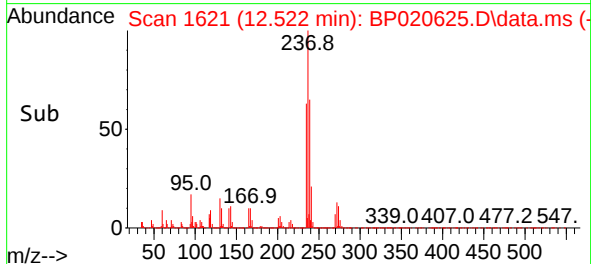
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion: 237 Resp: 641558
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 13.1 0.0 32.4

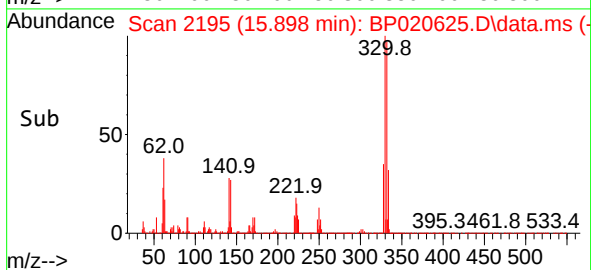
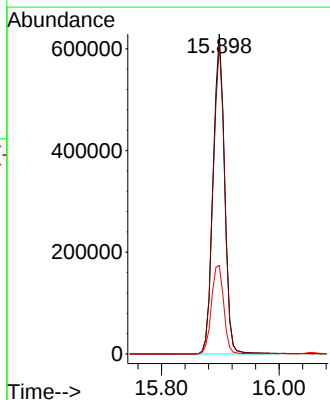
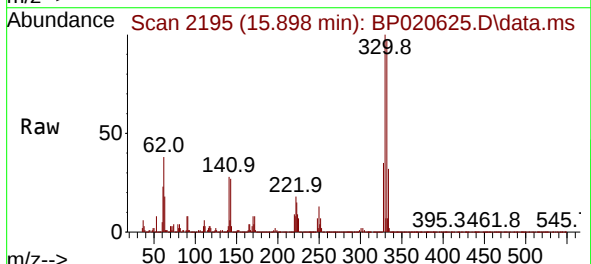
Manual Integrations
APPROVED

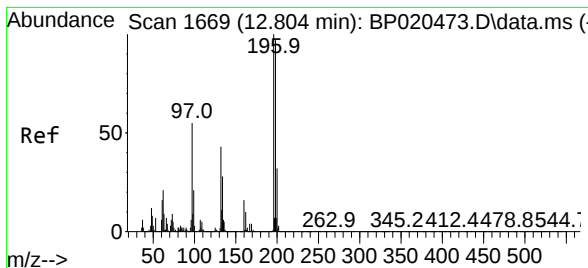
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#42
2,4,6-Tribromophenol
Concen: 155.491 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion: 330 Resp: 855252
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 29.6 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 48.505 ng

RT: 12.799 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

Tgt Ion:196 Resp: 449609

Ion Ratio Lower Upper

196 100

198 94.8 77.9 116.9

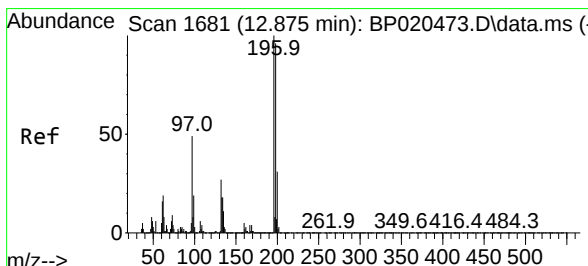
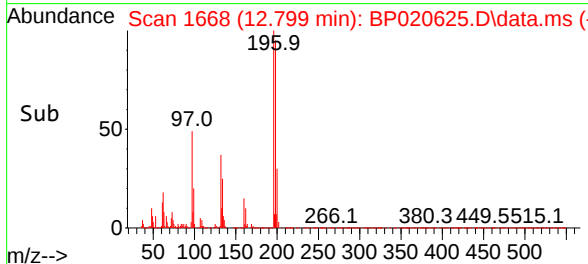
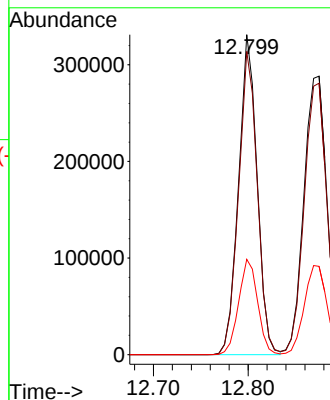
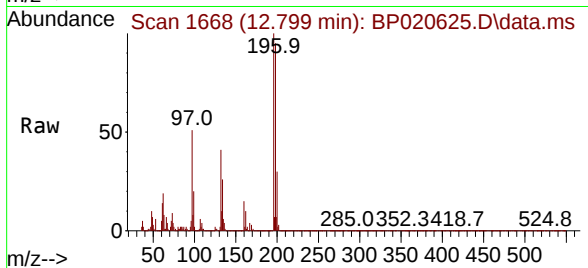
200 29.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024

Supervised By :mohammad ahmed 06/18/2024



#44

2,4,5-Trichlorophenol

Concen: 46.912 ng

RT: 12.875 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Tgt Ion:196 Resp: 501663

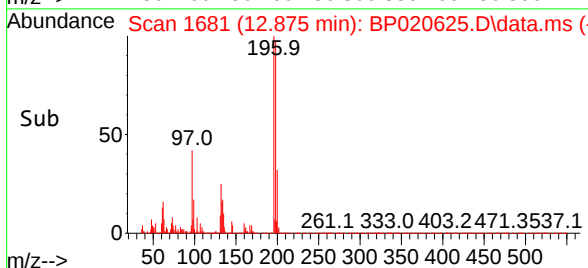
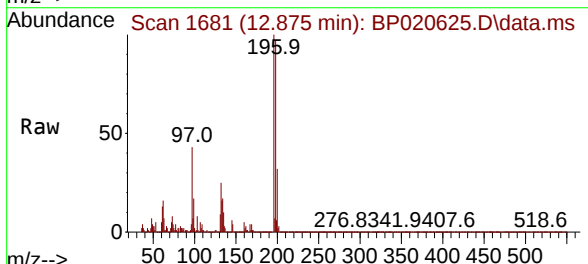
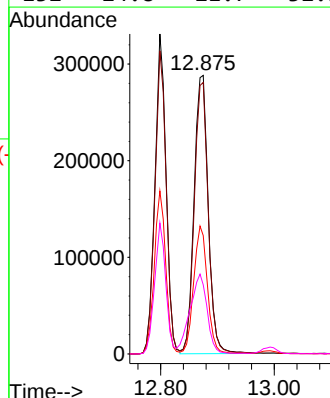
Ion Ratio Lower Upper

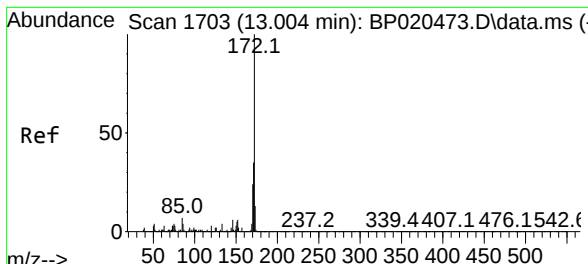
196 100

198 97.5 77.0 115.4

97 42.5 38.9 58.3

132 24.8 21.7 32.5





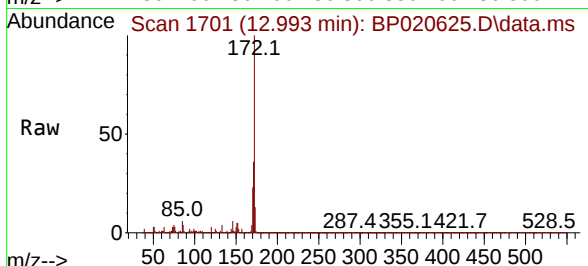
#45
2-Fluorobiphenyl
Concen: 82.462 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

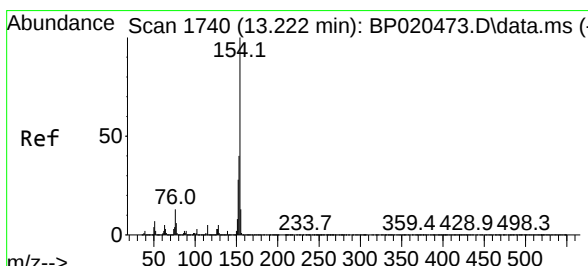
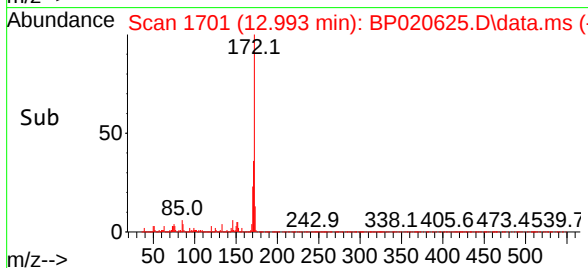
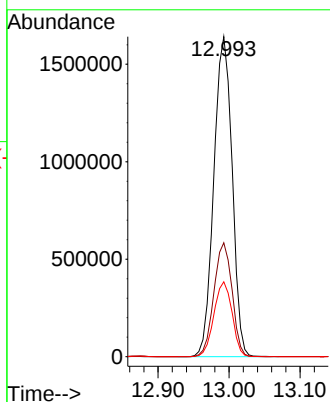


Tgt Ion:172 Resp: 293177
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 18.9 28.3

Manual Integrations

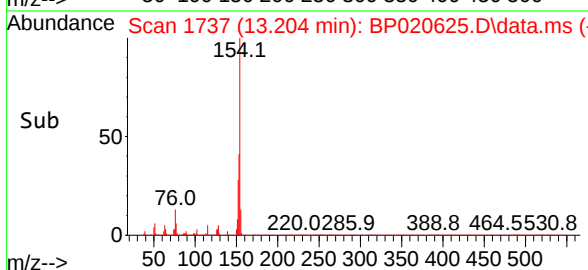
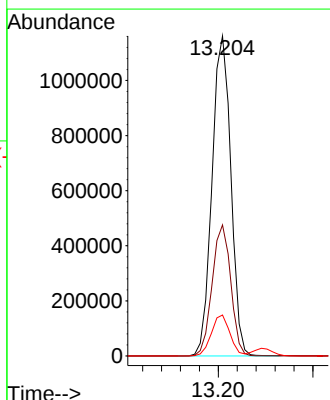
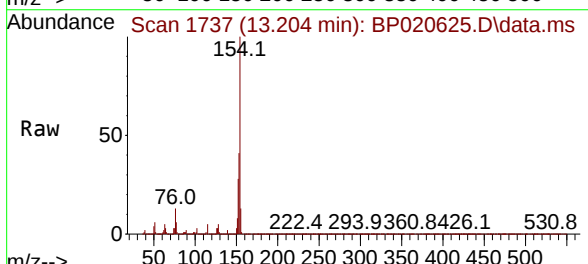
APPROVED

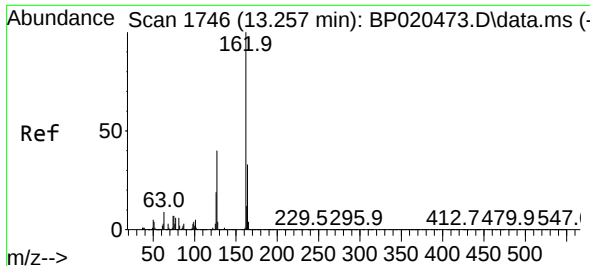
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#46
1,1'-Biphenyl
Concen: 42.863 ng
RT: 13.204 min Scan# 1737
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:154 Resp: 1603225
Ion Ratio Lower Upper
154 100
153 41.0 19.9 59.9
76 12.8 0.0 33.2





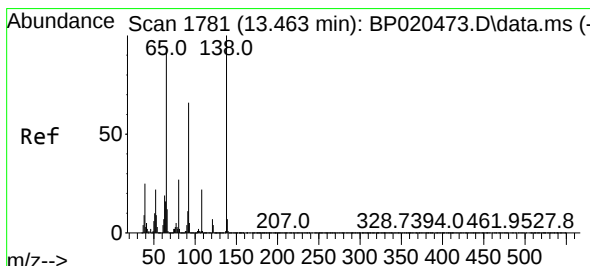
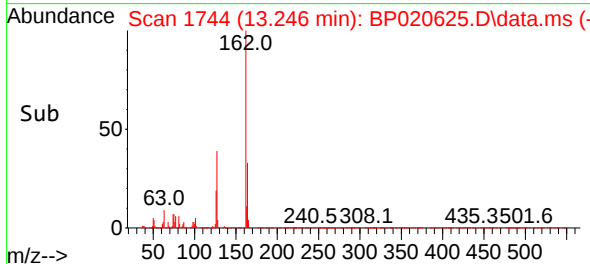
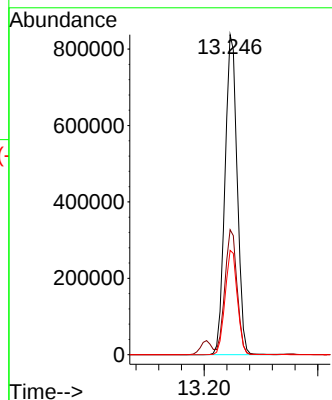
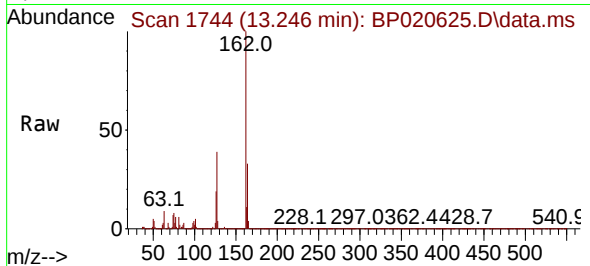
#47
2-Chloronaphthalene
Concen: 42.274 ng
RT: 13.246 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :
BNA_P
ClientSampleId :
PB161492BS

Tgt Ion:162 Resp: 125700
Ion Ratio Lower Upper
162 100
127 39.1 32.2 48.2
164 32.6 26.1 39.1

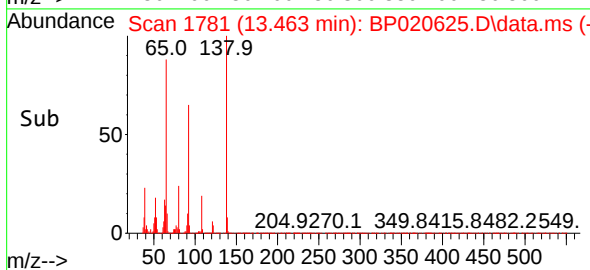
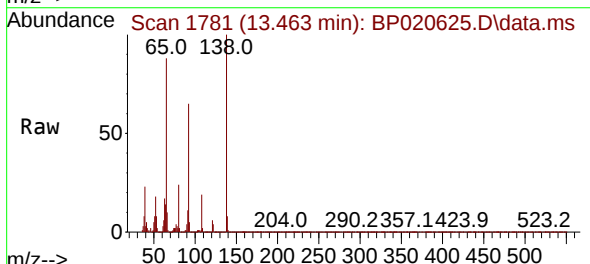
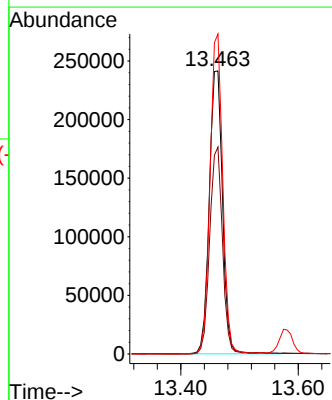
Manual Integrations
APPROVED

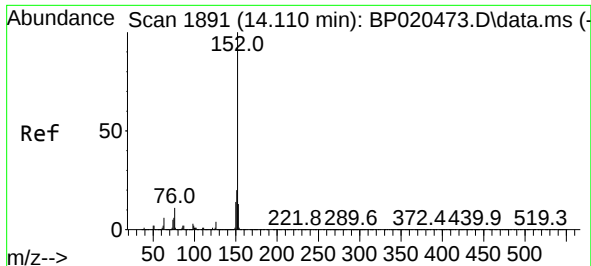
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#48
2-Nitroaniline
Concen: 46.838 ng
RT: 13.463 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion: 65 Resp: 377388
Ion Ratio Lower Upper
65 100
92 73.1 55.8 83.8
138 113.0 85.2 127.8





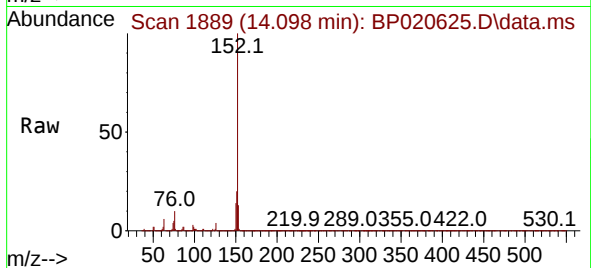
#49
Acenaphthylene
Concen: 45.786 ng
RT: 14.098 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

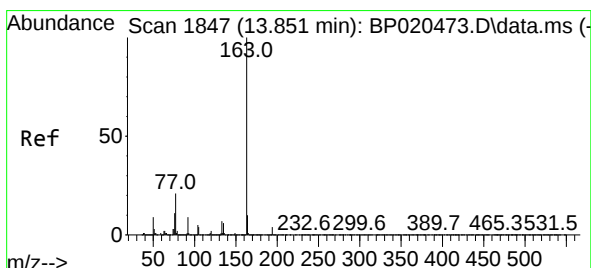
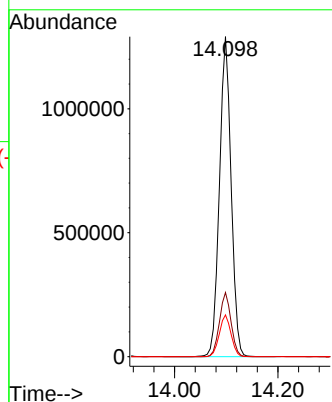
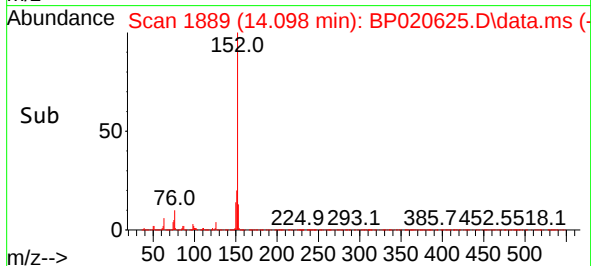


Tgt Ion:152 Resp: 2020164
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.6 15.8

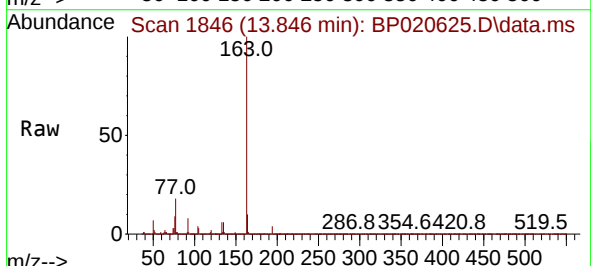
Manual Integrations

APPROVED

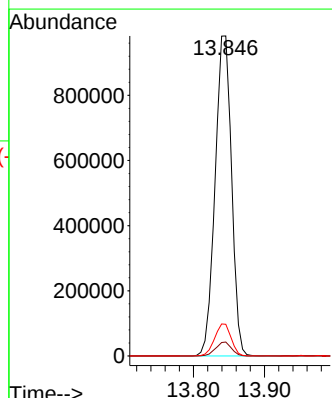
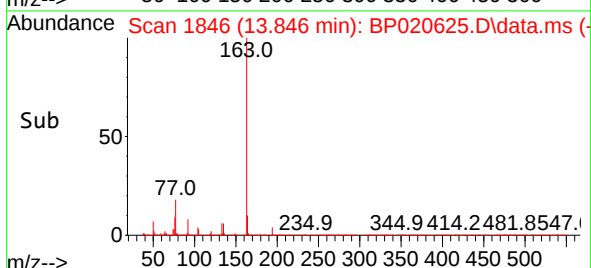
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

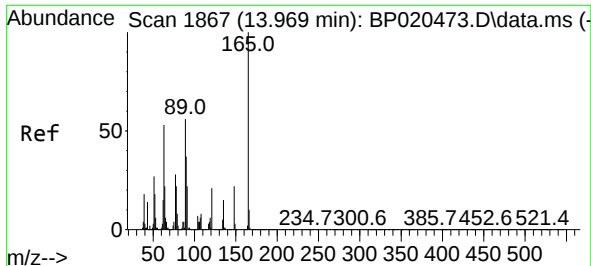


#50
Dimethylphthalate
Concen: 42.185 ng
RT: 13.846 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



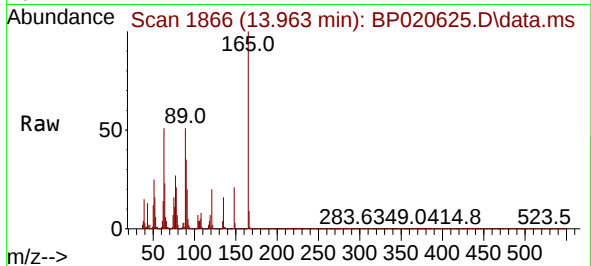
Tgt Ion:163 Resp: 1575990
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.947 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

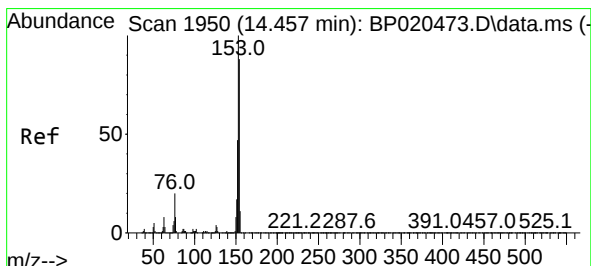
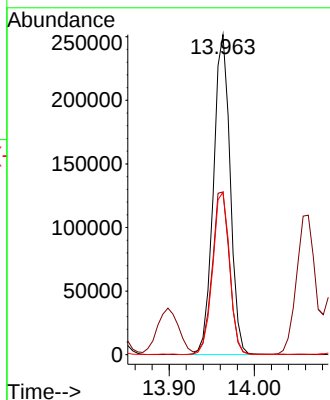
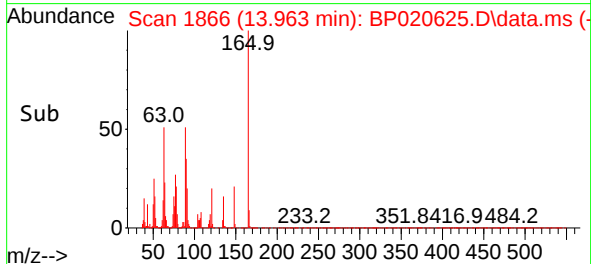
Instrument :
BNA_P
ClientSampleId :
PB161492BS



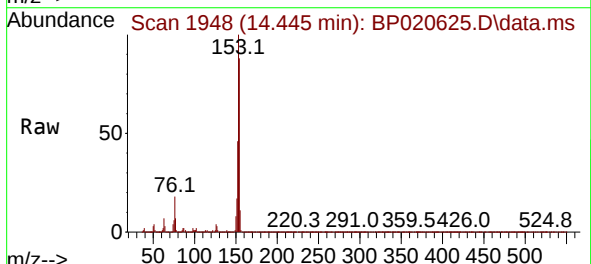
Tgt Ion:165 Resp: 34294
Ion Ratio Lower Upper
165 100
63 50.8 45.6 68.4
89 50.8 44.9 67.3

Manual Integrations
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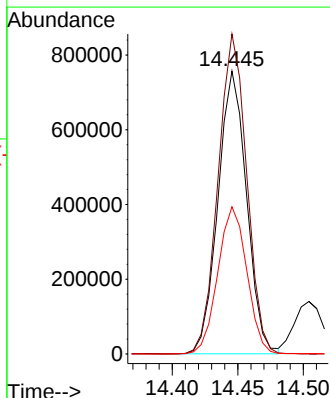
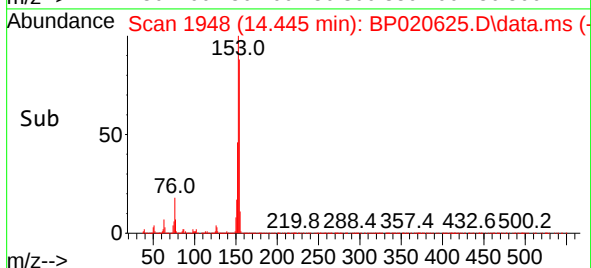
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#52
Acenaphthene
Concen: 41.269 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



Tgt Ion:154 Resp: 1148583
Ion Ratio Lower Upper
154 100
153 113.1 90.6 136.0
152 52.1 42.6 63.8





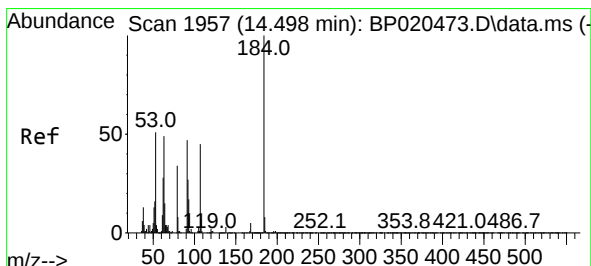
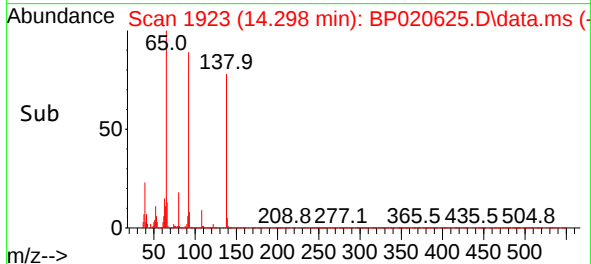
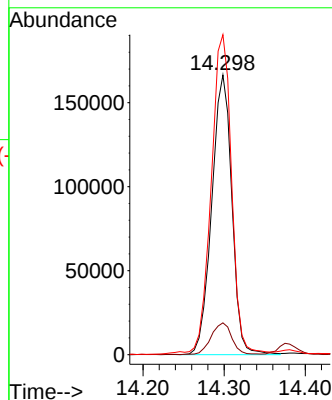
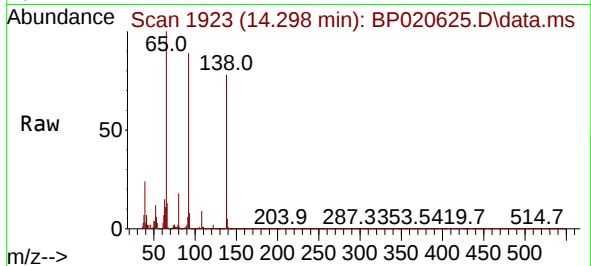
#53
3-Nitroaniline
Concen: 35.782 ng
RT: 14.298 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :
BNA_P
ClientSampleId :
PB161492BS

Tgt Ion:138 Resp: 28660
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.6
92 114.4 93.5 140.3

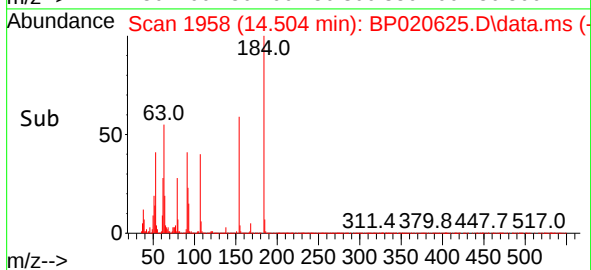
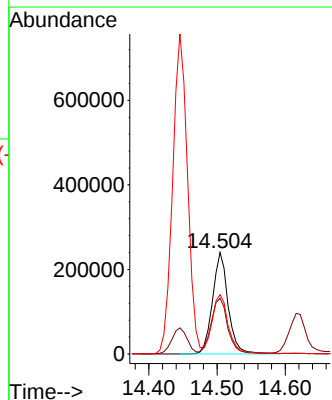
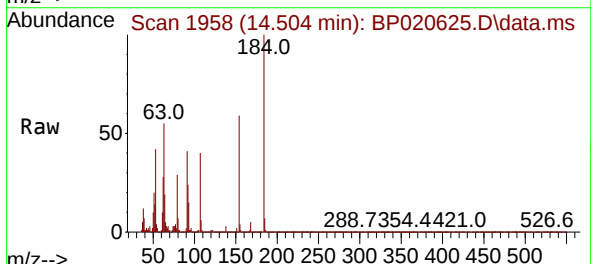
Manual Integrations
APPROVED

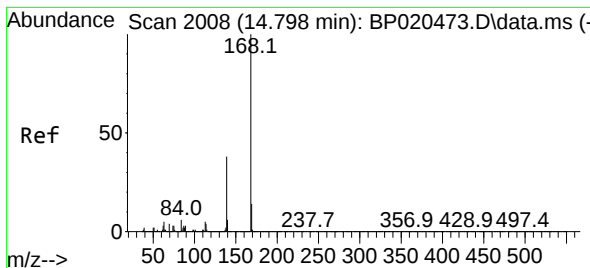
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#54
2,4-Dinitrophenol
Concen: 98.635 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

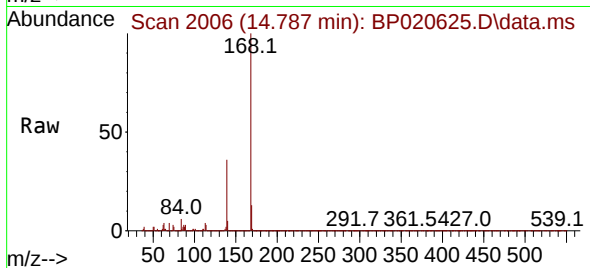
Tgt Ion:184 Resp: 383471
Ion Ratio Lower Upper
184 100
63 54.9 54.2 81.4
154 58.5 51.0 76.6





#55
Dibenzenofuran
Concen: 42.463 ng
RT: 14.787 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

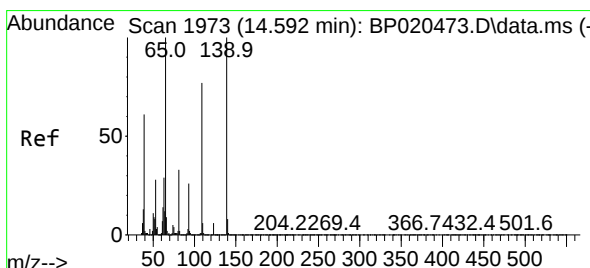
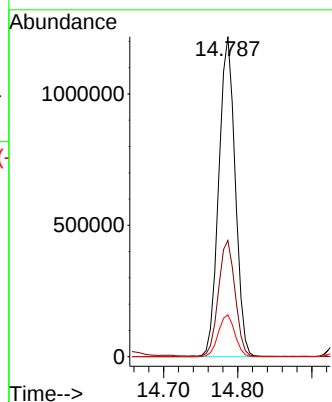
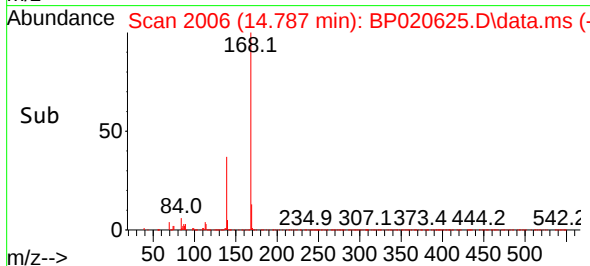
Instrument :
BNA_P
ClientSampleId :
PB161492BS



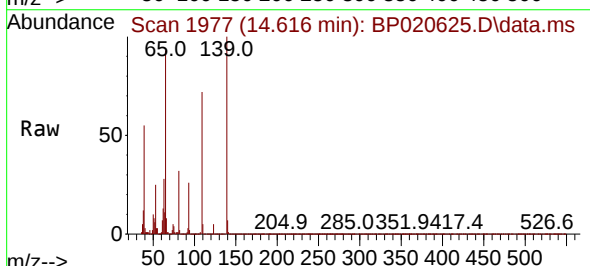
Tgt Ion:168 Resp: 1872120
Ion Ratio Lower Upper
168 100
139 36.3 30.4 45.6
169 13.1 11.0 16.4

Manual Integrations
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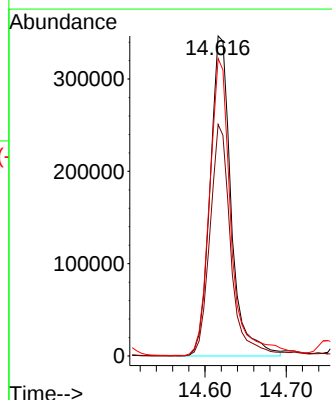
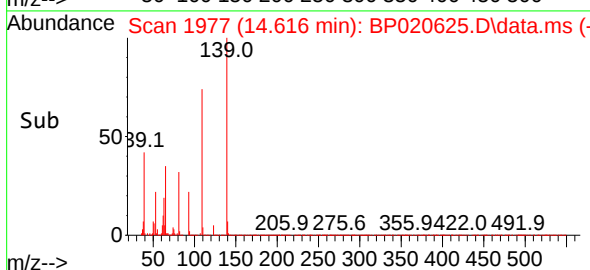
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

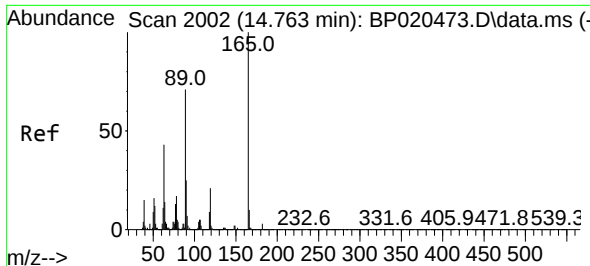


#56
4-Nitrophenol
Concen: 100.794 ng
RT: 14.616 min Scan# 1977
Delta R.T. 0.024 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



Tgt Ion:139 Resp: 624522
Ion Ratio Lower Upper
139 100
109 72.3 57.4 97.4
65 92.9 80.4 120.4





#57
2,4-Dinitrotoluene
Concen: 46.465 ng
RT: 14.751 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

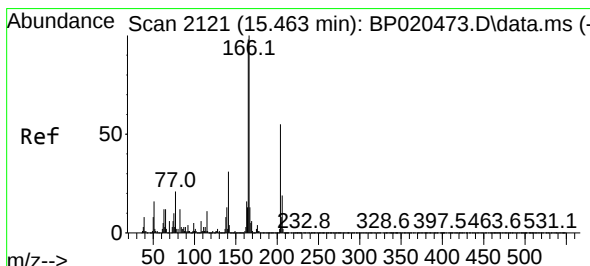
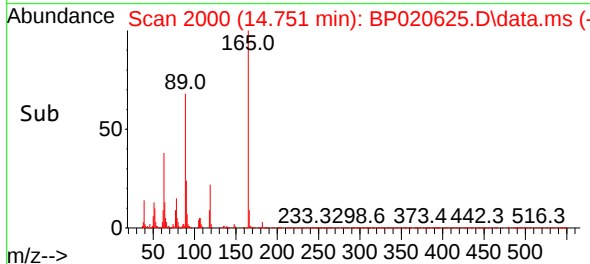
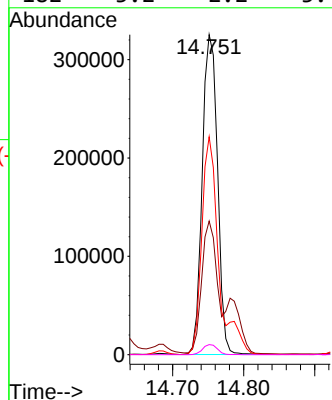
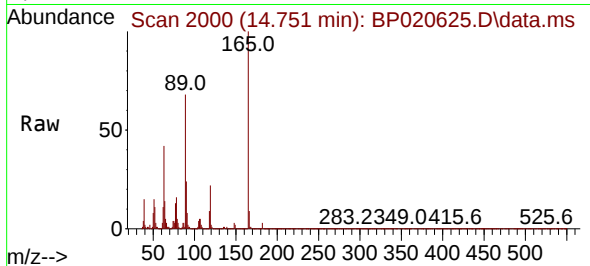
ClientSampleId :

PB161492BS

Tgt Ion:165 Resp: 487619
Ion Ratio Lower Upper
165 100
63 41.7 34.9 52.3
89 68.1 56.6 85.0
182 3.2 2.2 3.4

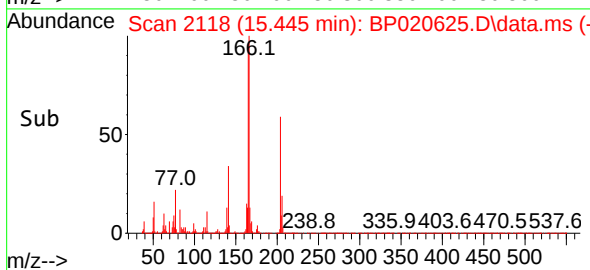
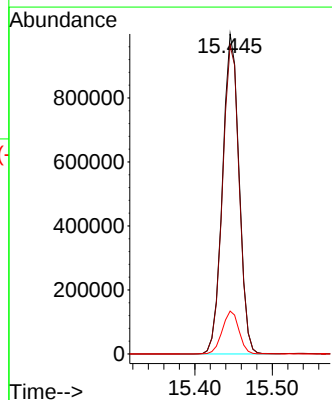
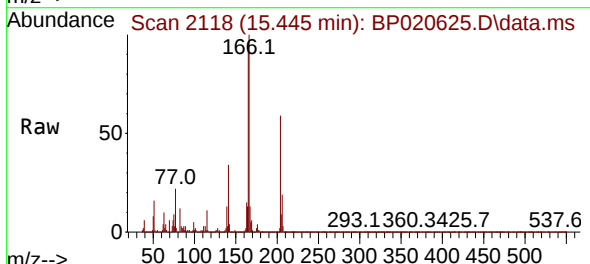
Manual Integrations
APPROVED

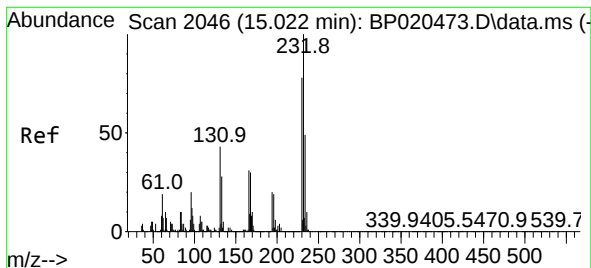
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#58
Fluorene
Concen: 41.917 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

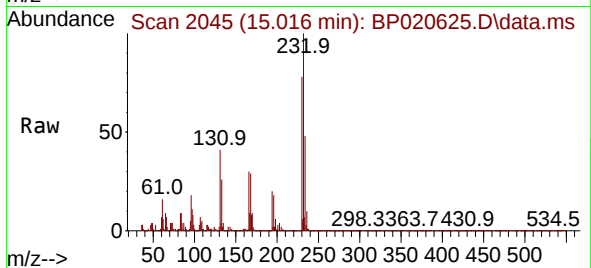
Tgt Ion:166 Resp: 1483575
Ion Ratio Lower Upper
166 100
165 96.5 78.2 117.4
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.211 ng
RT: 15.016 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

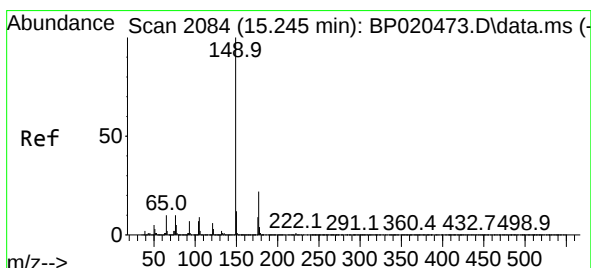
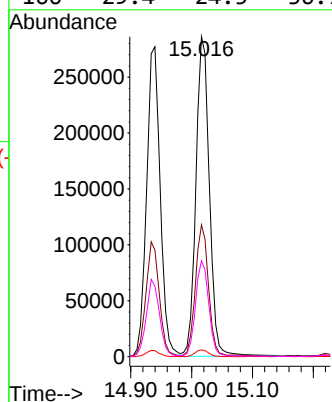
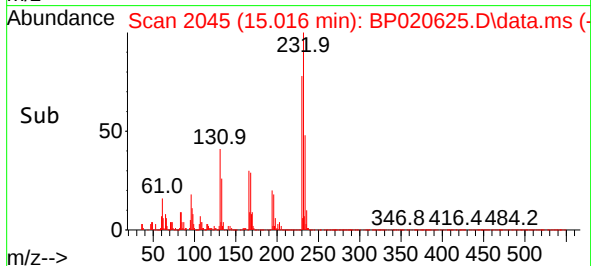
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion:232 Resp: 43941
Ion Ratio Lower Upper
232 100
131 40.6 34.8 52.2
130 2.2 1.9 2.9
166 29.4 24.5 36.7

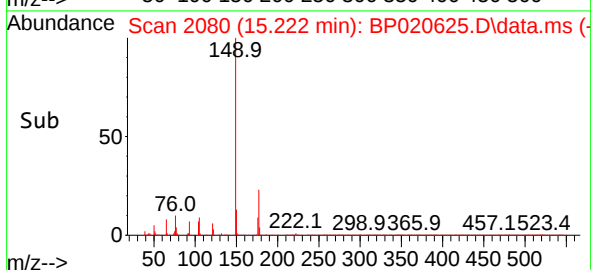
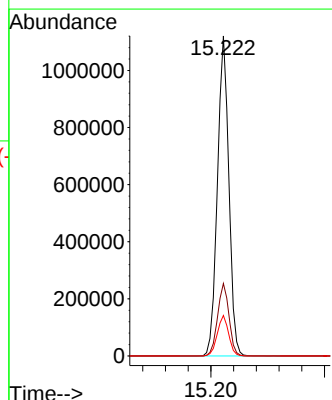
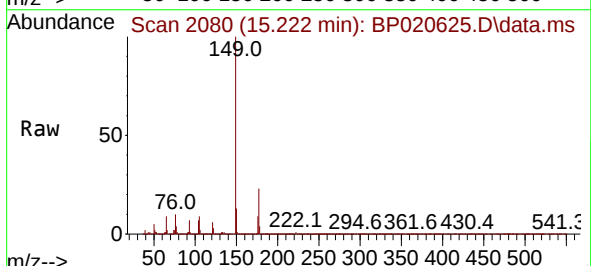
Manual Integrations
APPROVED

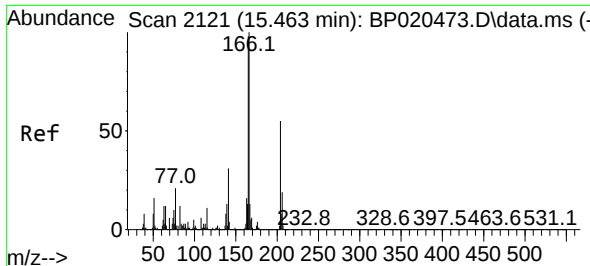
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#60
Diethylphthalate
Concen: 40.983 ng
RT: 15.222 min Scan# 2080
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

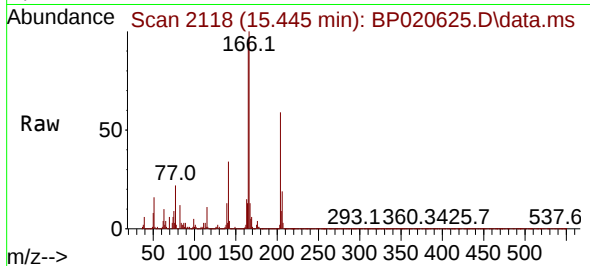
Tgt Ion:149 Resp: 1556408
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.087 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

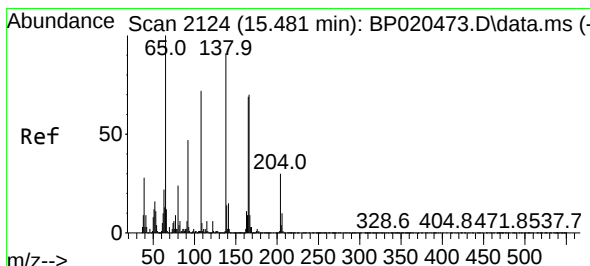
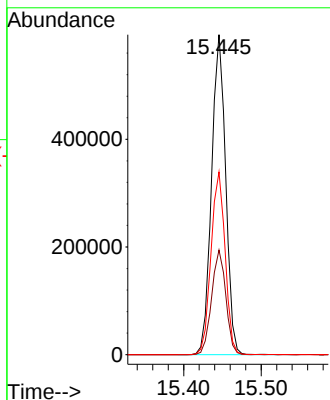
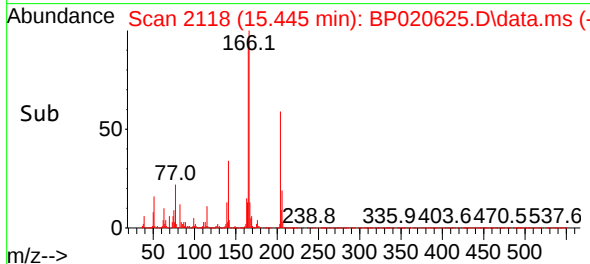
Instrument :
BNA_P
ClientSampleId :
PB161492BS



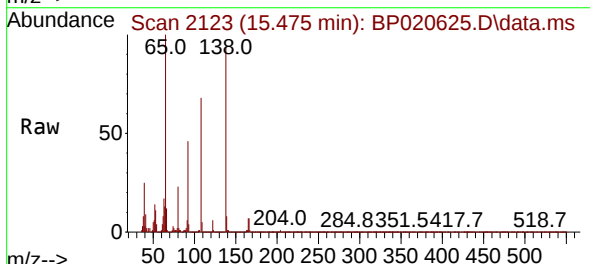
Tgt Ion:204 Resp: 750410
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 57.1 45.0 67.6

Manual Integrations
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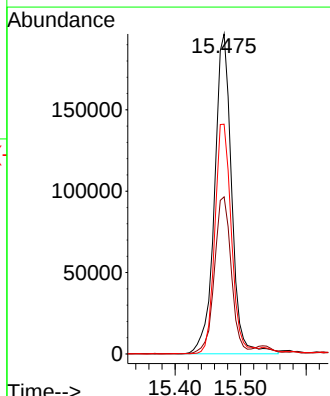
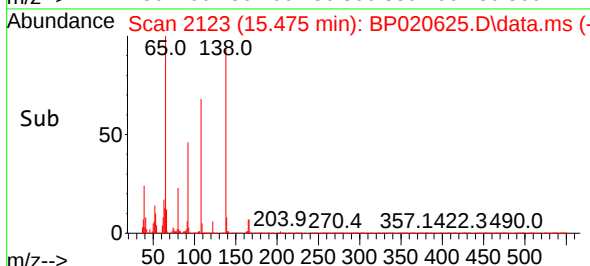
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

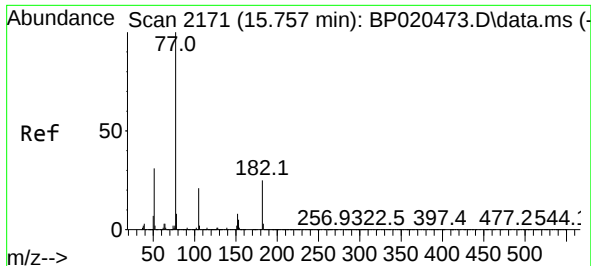


#62
4-Nitroaniline
Concen: 43.114 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33



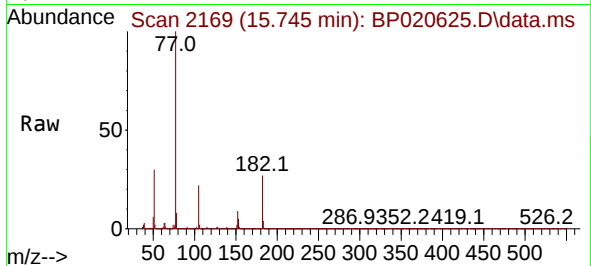
Tgt Ion:138 Resp: 355733
Ion Ratio Lower Upper
138 100
92 49.1 31.7 71.7
108 71.8 59.9 99.9





#63
Azobenzene
Concen: 39.663 ng
RT: 15.745 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

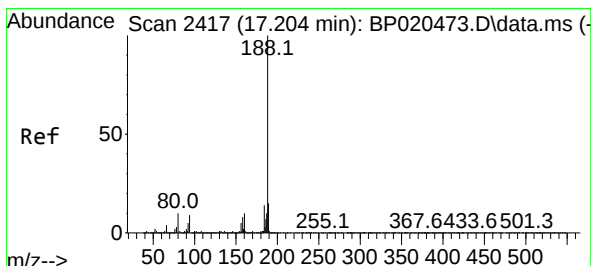
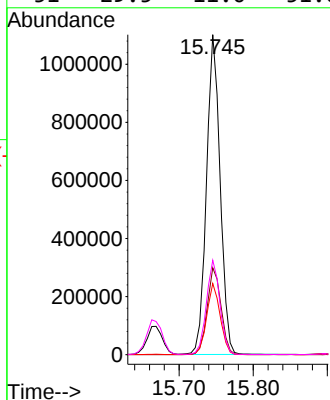
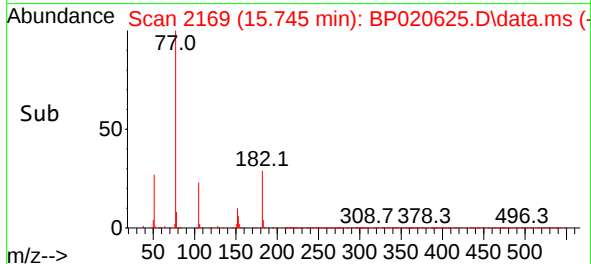
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion: 77 Resp: 140648
Ion Ratio Lower Upper
77 100
182 27.1 4.6 44.6
105 22.2 1.2 41.2
51 29.5 11.0 51.0

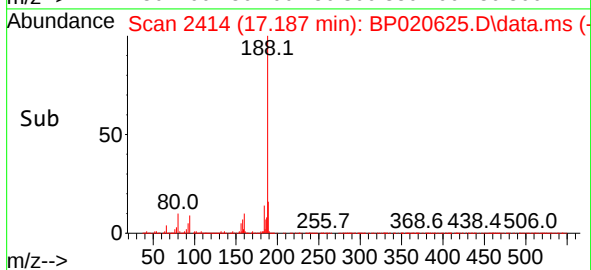
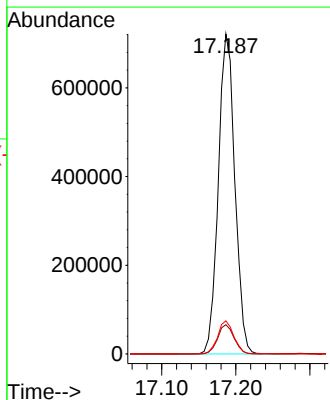
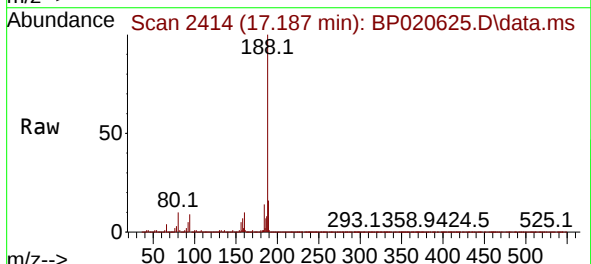
Manual Integrations
APPROVED

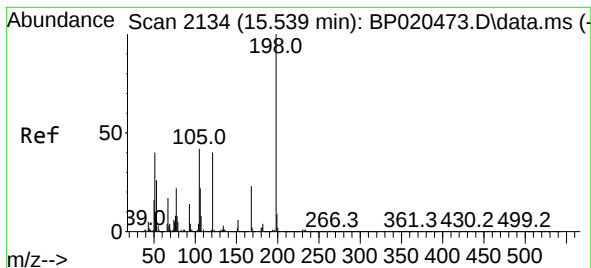
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:188 Resp: 1117425
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.4 8.1 12.1





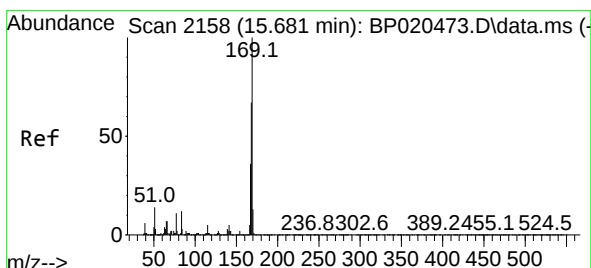
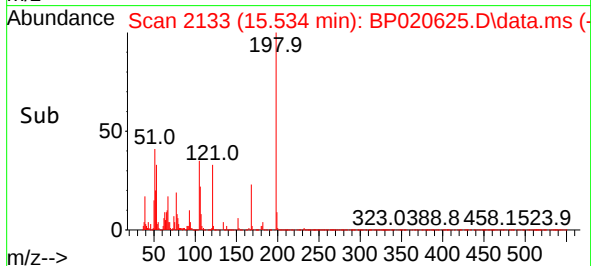
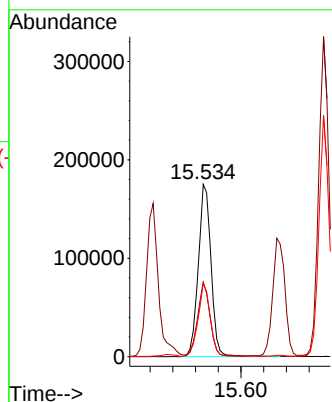
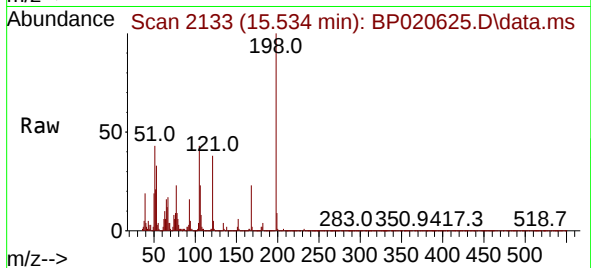
#65
4,6-Dinitro-2-methylphenol
Concen: 54.108 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :
BNA_P
ClientSampleId :
PB161492BS

Tgt Ion:198 Resp: 27379
Ion Ratio Lower Upper
198 100
51 43.3 24.8 64.8
105 42.7 23.2 63.2

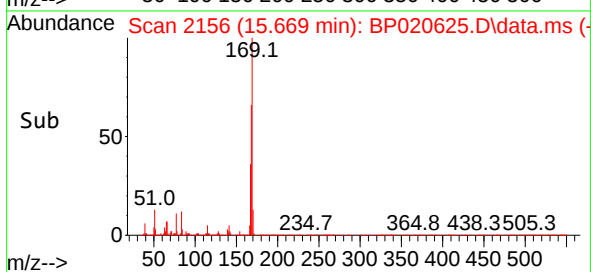
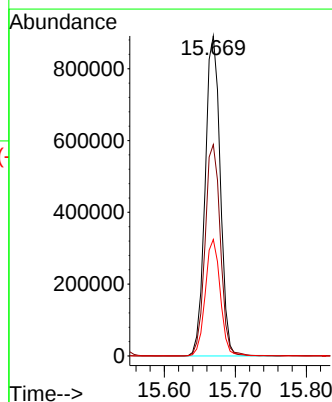
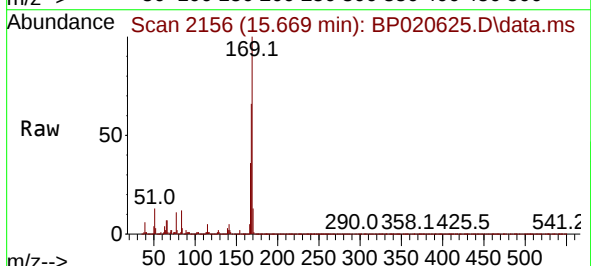
Manual Integrations
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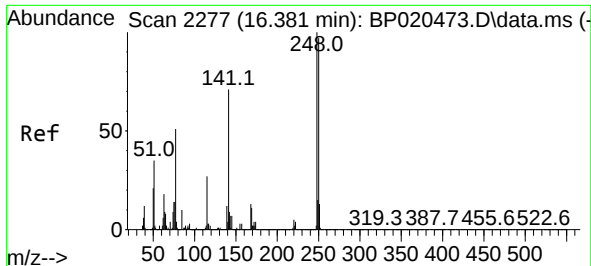
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#66
n-Nitrosodiphenylamine
Concen: 42.861 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:169 Resp: 1316779
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.922 ng
RT: 16.363 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

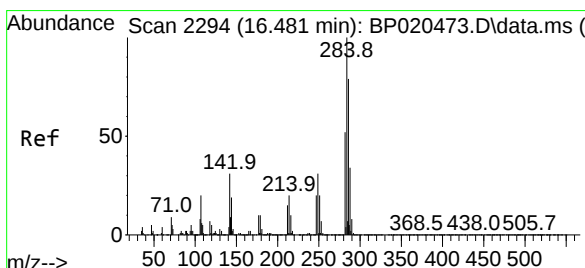
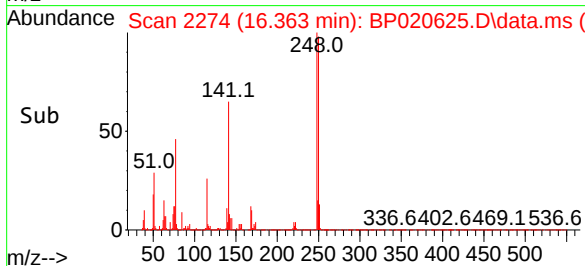
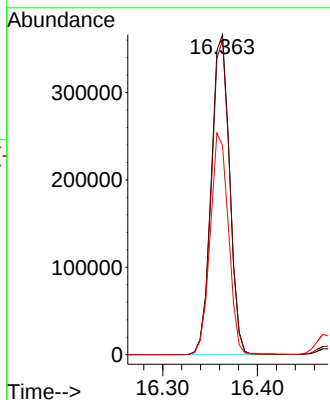
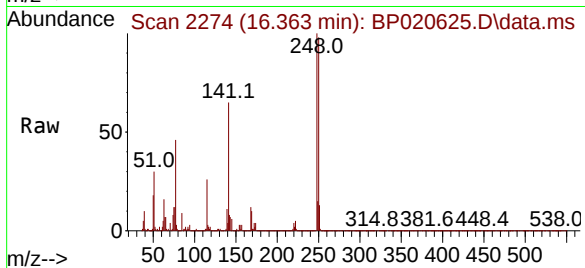
ClientSampleId :

PB161492BS

Tgt Ion:248 Resp: 490683
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.0
141 65.4 56.5 84.7

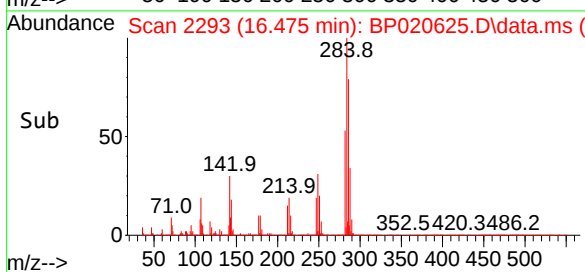
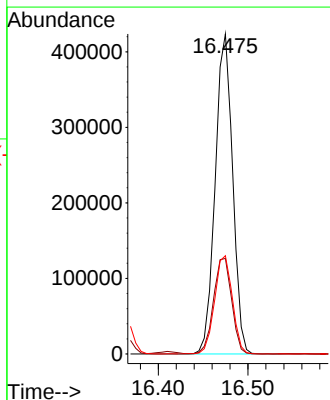
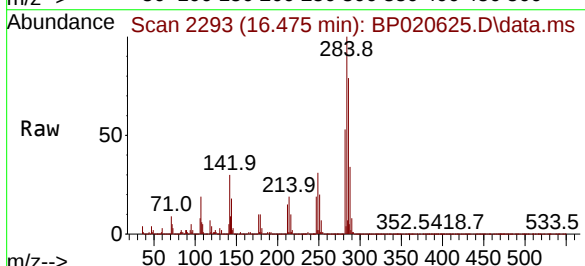
Manual Integrations
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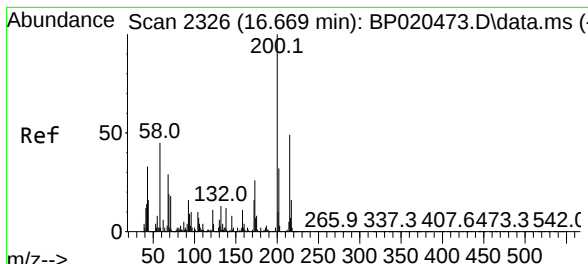
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#68
Hexachlorobenzene
Concen: 42.385 ng
RT: 16.475 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:284 Resp: 570258
Ion Ratio Lower Upper
284 100
142 29.9 24.5 36.7
249 30.7 25.3 37.9





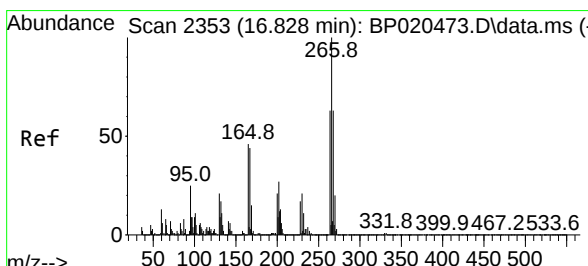
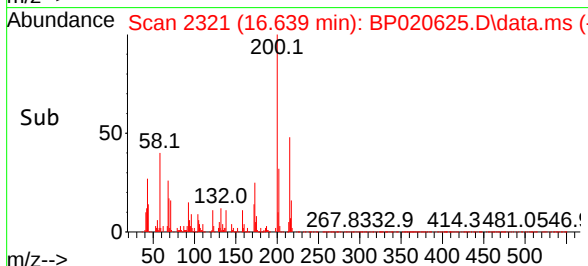
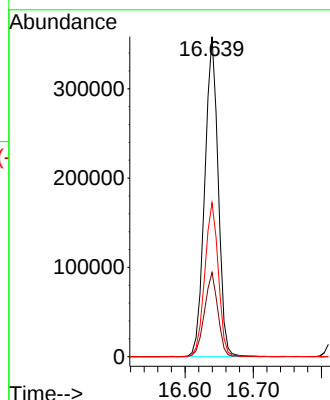
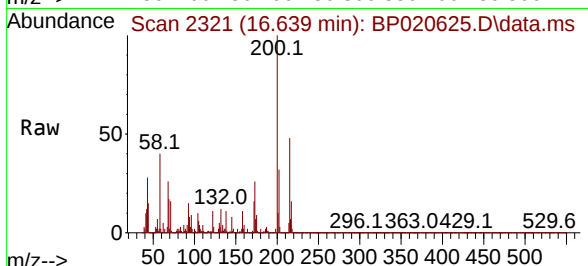
#69
 Atrazine
 Concen: 45.397 ng
 RT: 16.639 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BP020625.D
 Acq: 14 Jun 2024 14:33

Instrument :
 BNA_P
 ClientSampleId :
 PB161492BS

Tgt Ion:200 Resp: 49066
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.1 46.1
 215 48.1 28.7 68.7

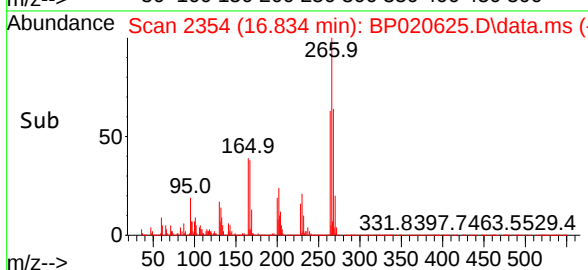
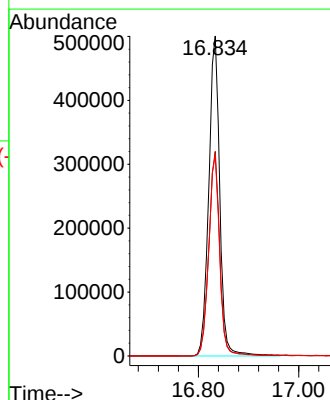
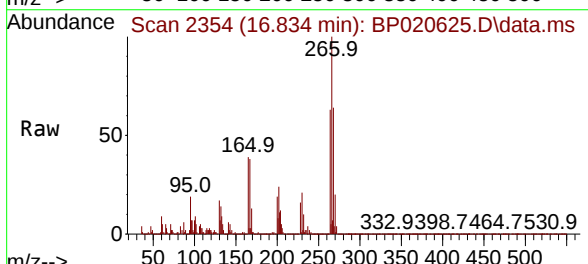
Manual Integrations
 APPROVED

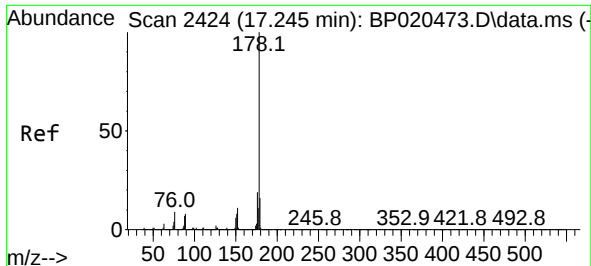
Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024



#70
 Pentachlorophenol
 Concen: 93.540 ng
 RT: 16.834 min Scan# 2354
 Delta R.T. 0.006 min
 Lab File: BP020625.D
 Acq: 14 Jun 2024 14:33

Tgt Ion:266 Resp: 764354
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.1 75.1
 264 62.7 50.6 76.0





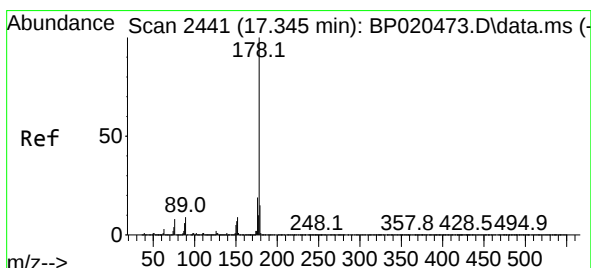
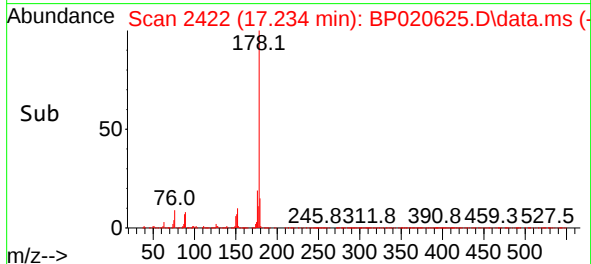
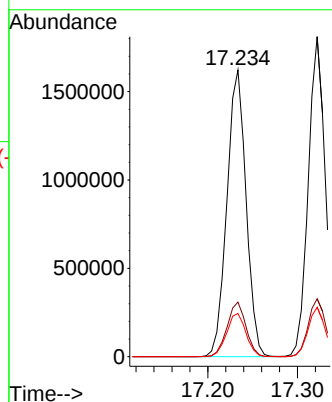
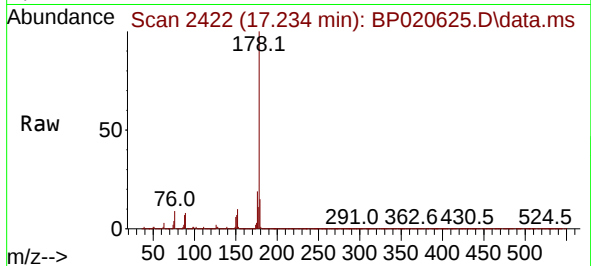
#71
Phenanthrene
Concen: 43.804 ng
RT: 17.234 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :
BNA_P
ClientSampleId :
PB161492BS

Tgt Ion:178 Resp: 2406150
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.5 18.7

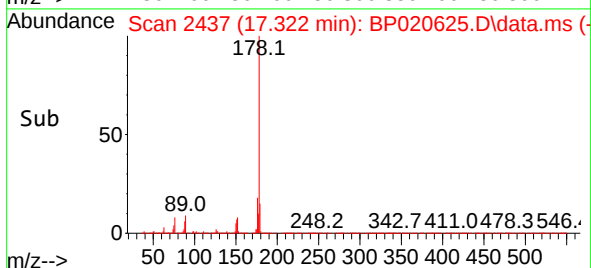
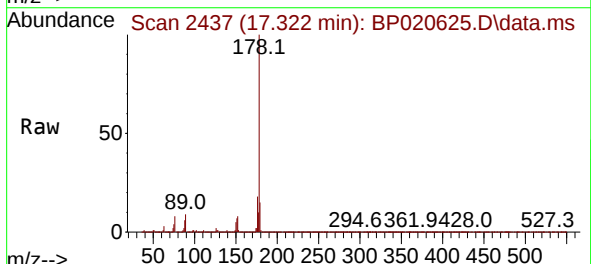
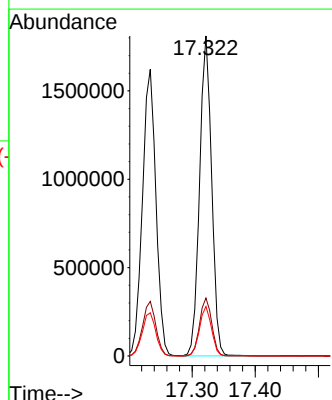
Manual Integrations
APPROVED

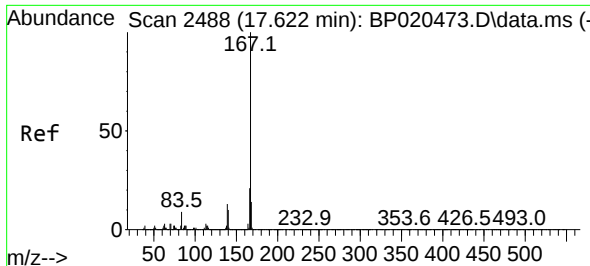
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#72
Anthracene
Concen: 44.372 ng
RT: 17.322 min Scan# 2437
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

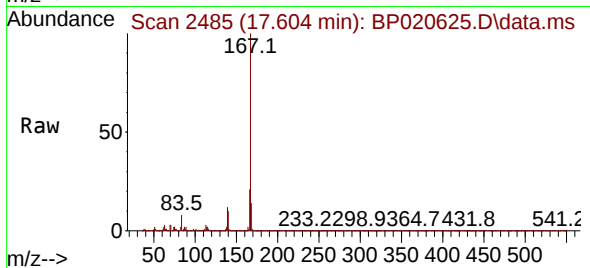
Tgt Ion:178 Resp: 2391681
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.5 12.2 18.4





#73
Carbazole
Concen: 43.806 ng
RT: 17.604 min Scan# 2485
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

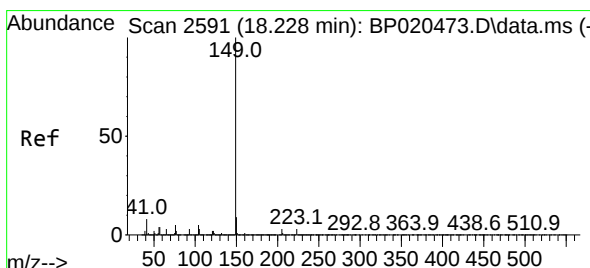
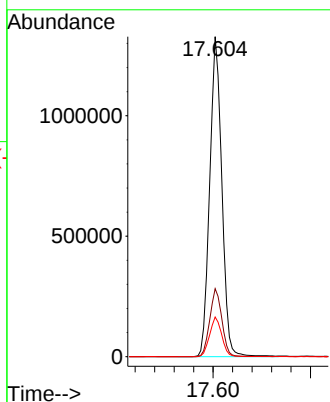
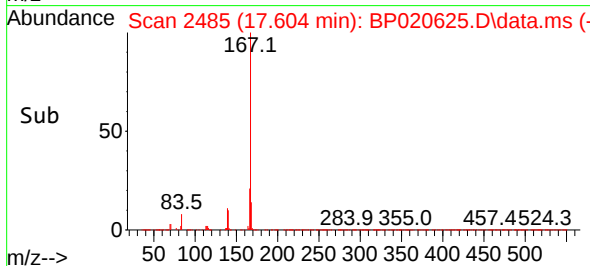
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion:167 Resp: 2283938
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.4 10.5 15.7

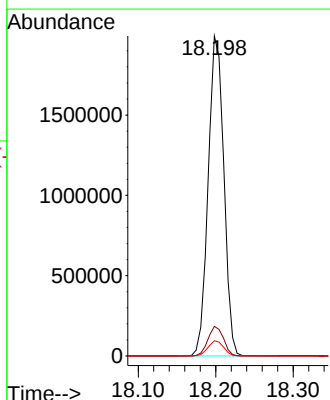
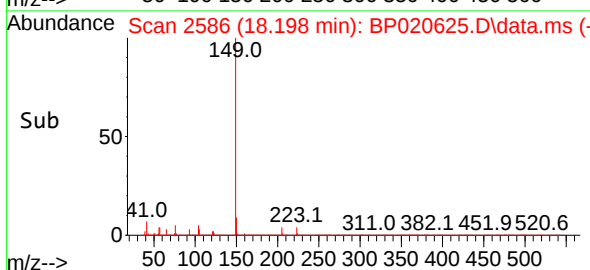
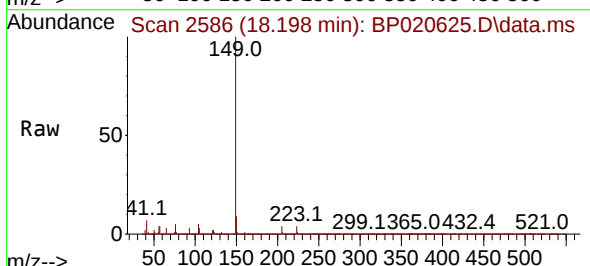
Manual Integrations
APPROVED

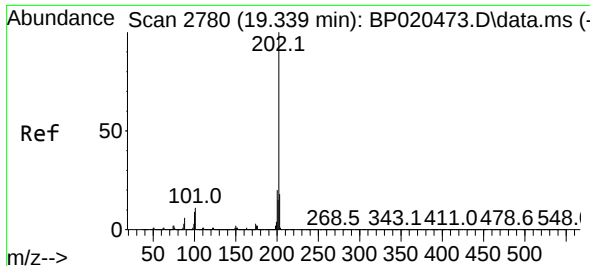
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#74
Di-n-butylphthalate
Concen: 44.295 ng
RT: 18.198 min Scan# 2586
Delta R.T. -0.029 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

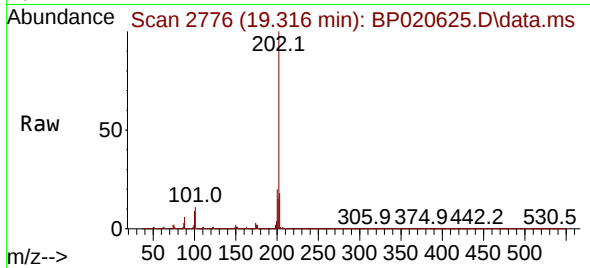
Tgt Ion:149 Resp: 2796644
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 44.720 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

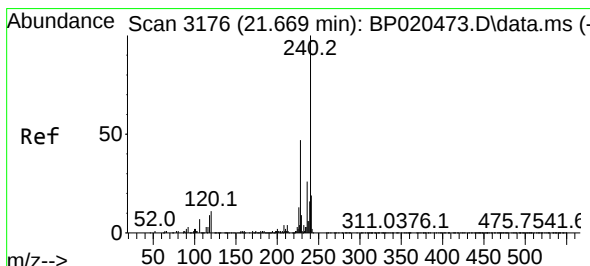
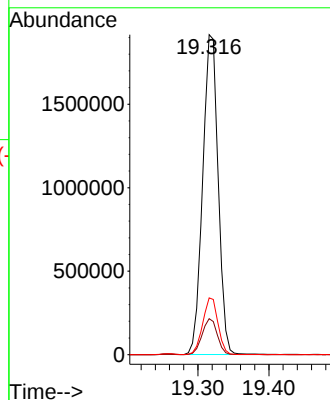
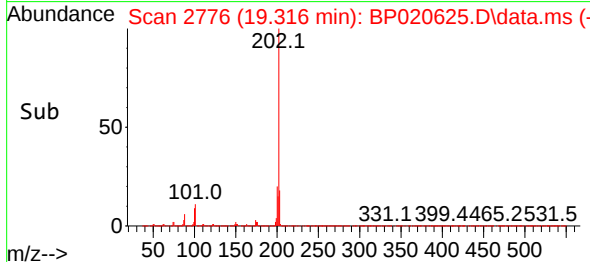
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion:202 Resp: 290605
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.8 0.0 37.7

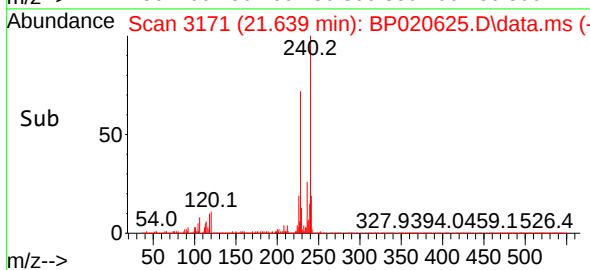
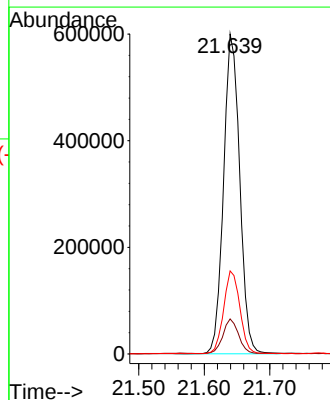
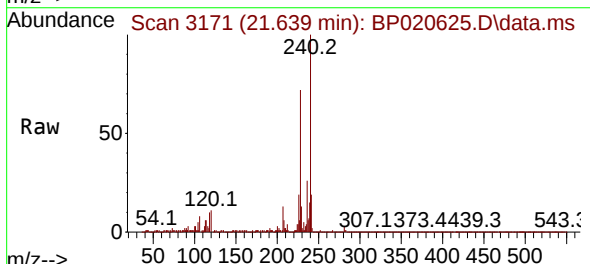
Manual Integrations
APPROVED

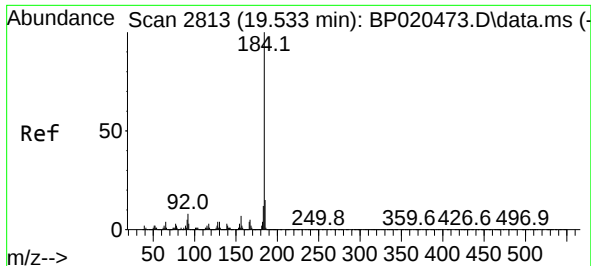
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:240 Resp: 1023073
Ion Ratio Lower Upper
240 100
120 11.0 8.5 12.7
236 25.9 20.5 30.7





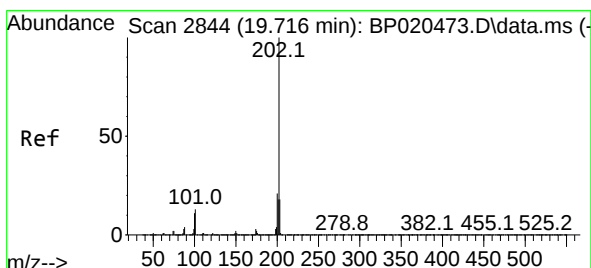
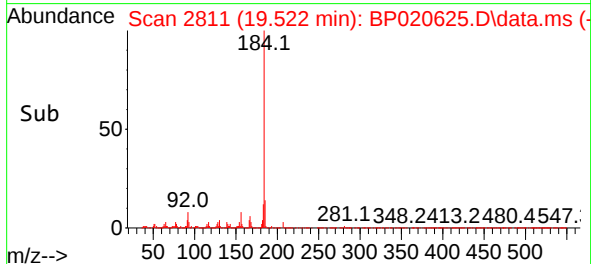
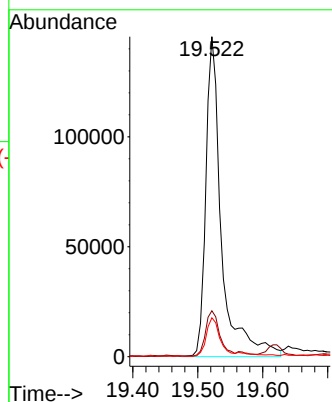
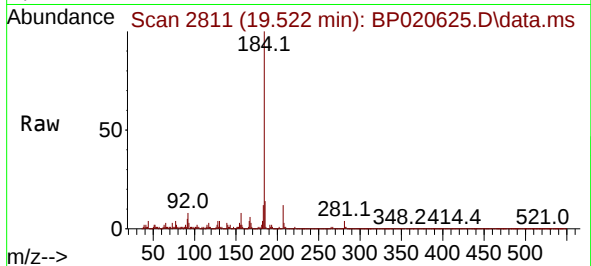
#77
Benzidine
Concen: 11.849 ng m
RT: 19.522 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Instrument :
BNA_P
ClientSampleId :
PB161492BS

Tgt Ion:184 Resp: 24417
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 12.2 9.4 14.0

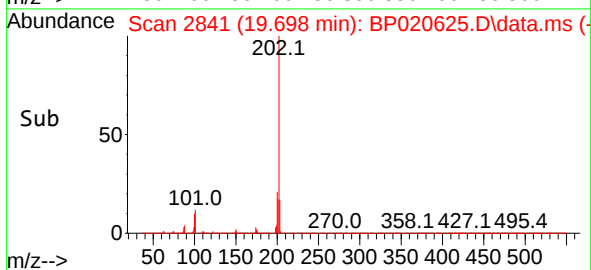
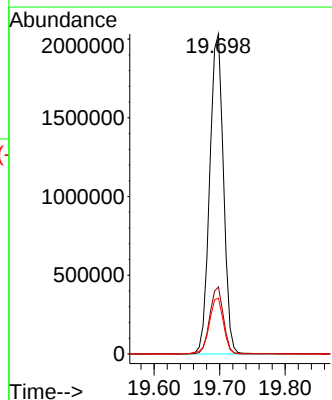
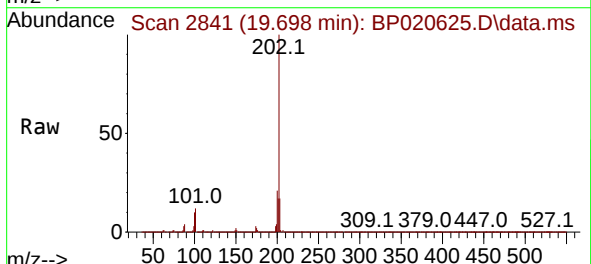
Manual Integrations
APPROVED

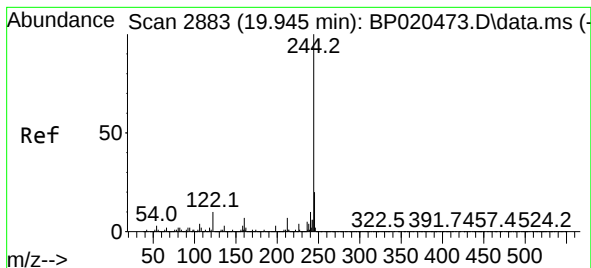
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#78
Pyrene
Concen: 38.550 ng
RT: 19.698 min Scan# 2841
Delta R.T. -0.018 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:202 Resp: 2966556
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 75.717 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.029 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

Tgt Ion:244 Resp: 4653240

Ion Ratio Lower Upper

244 100

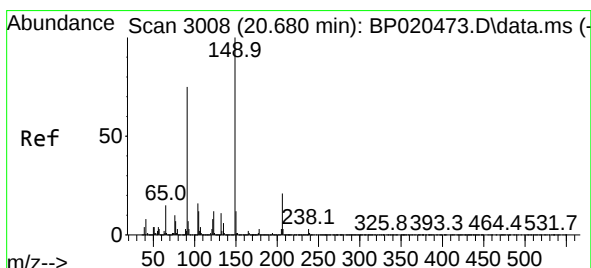
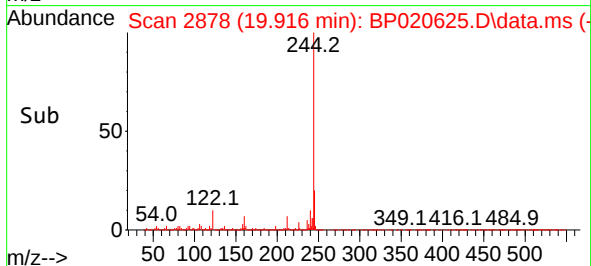
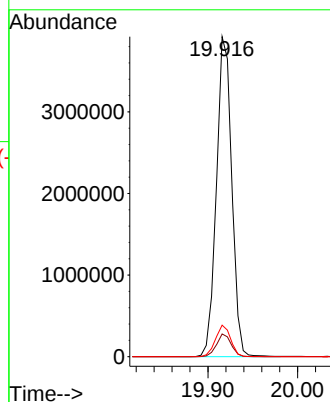
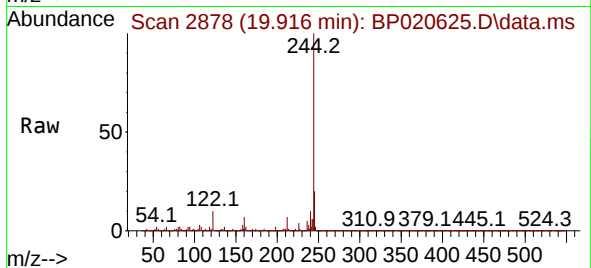
212 7.1 5.8 8.8

122 9.9 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#80

Butylbenzylphthalate

Concen: 40.815 ng

RT: 20.651 min Scan# 3003

Delta R.T. -0.029 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

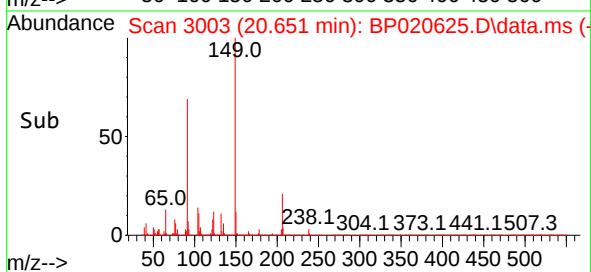
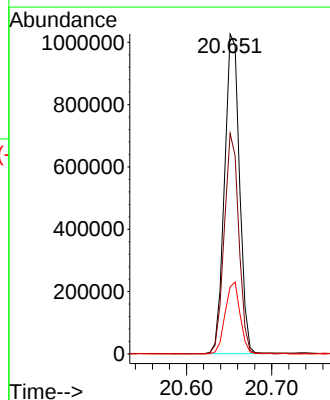
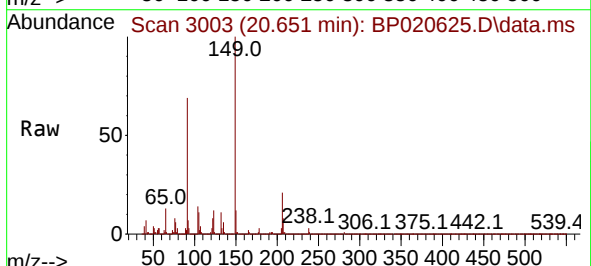
Tgt Ion:149 Resp: 1253004

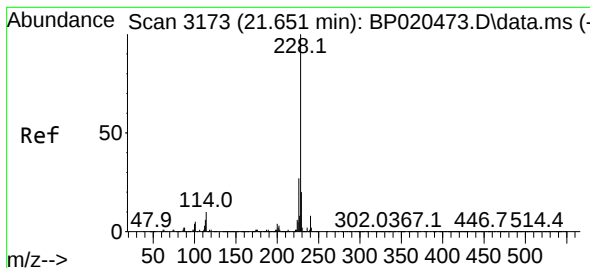
Ion Ratio Lower Upper

149 100

91 68.9 60.0 90.0

206 21.0 16.6 25.0





#81

Benzo(a)anthracene

Concen: 44.280 ng

RT: 21.622 min Scan# 3118

Delta R.T. -0.029 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

Tgt Ion:228 Resp: 2982870

Ion Ratio Lower Upper

228 100

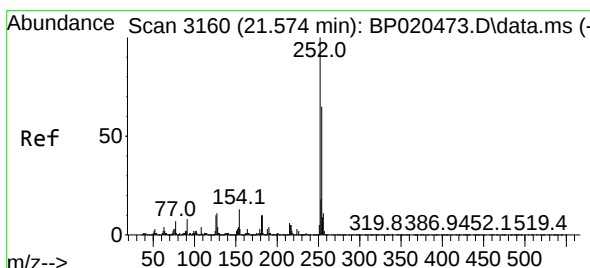
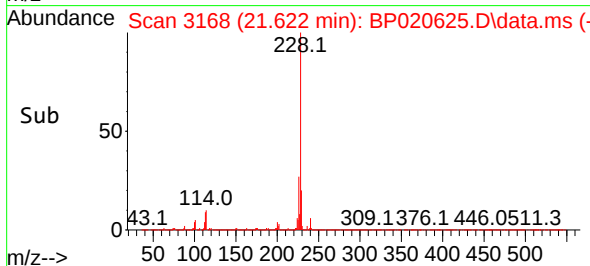
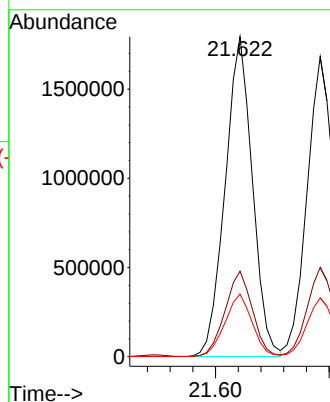
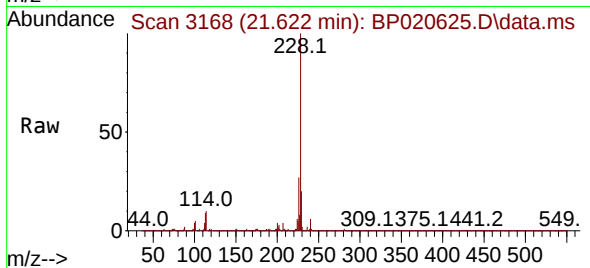
226 26.7 21.7 32.5

229 19.6 15.8 23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.692 ng

RT: 21.545 min Scan# 3155

Delta R.T. -0.029 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

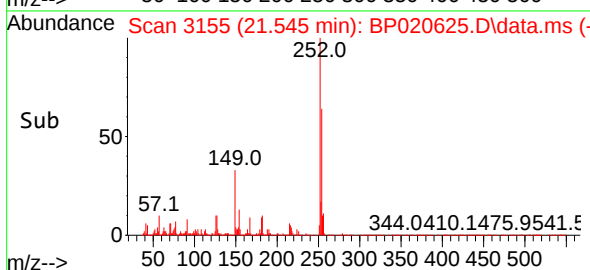
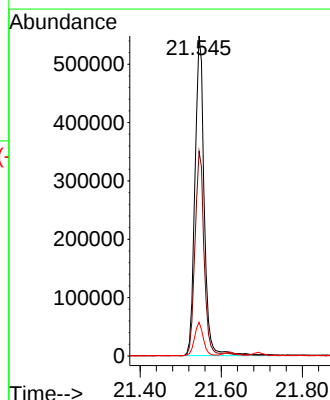
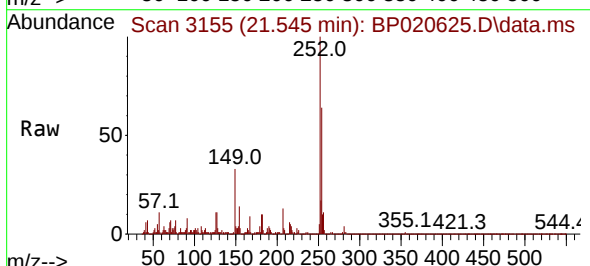
Tgt Ion:252 Resp: 874920

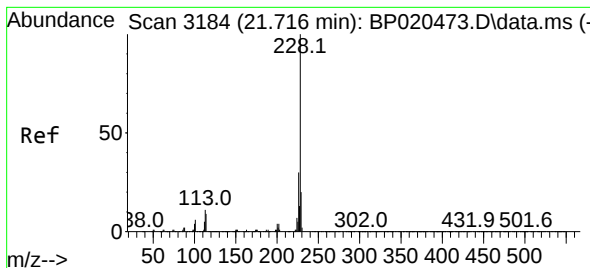
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 10.5 8.3 12.5





#83

Chrysene

Concen: 44.451 ng

RT: 21.692 min Scan# 3184

Delta R.T. -0.023 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

Tgt Ion:228 Resp: 2821550

Ion Ratio Lower Upper

228 100

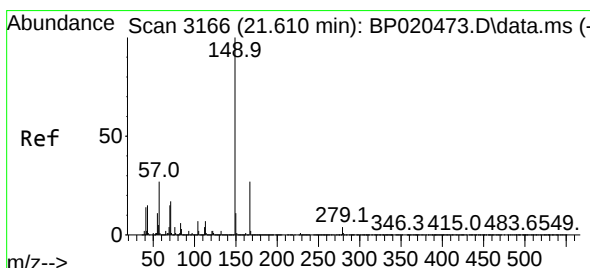
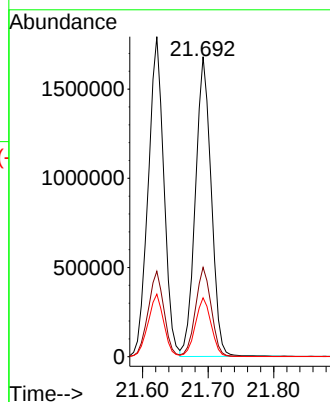
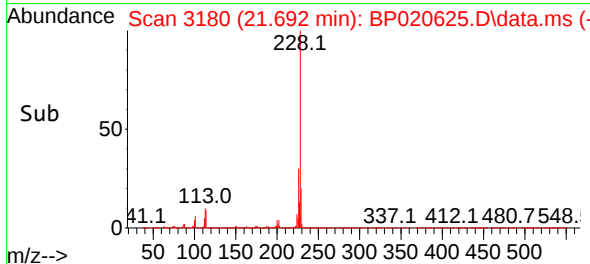
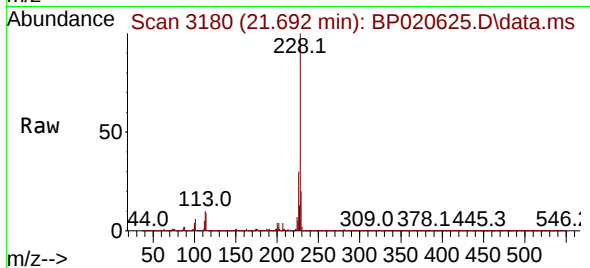
226 29.8 24.0 36.0

229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.093 ng

RT: 21.563 min Scan# 3158

Delta R.T. -0.047 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

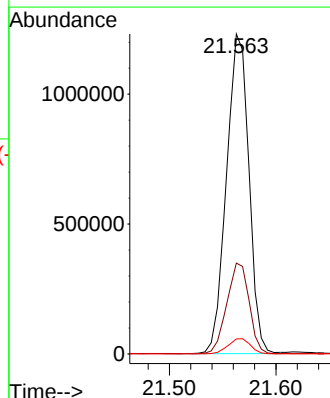
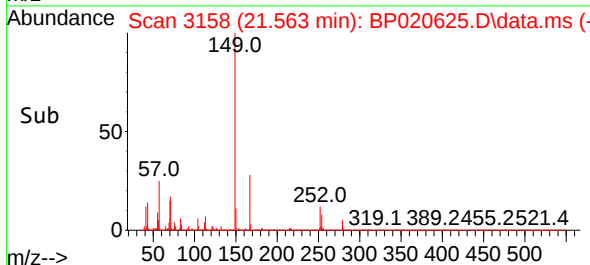
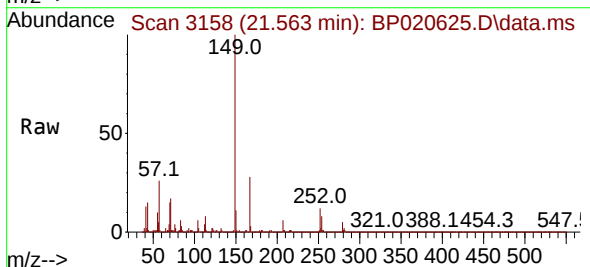
Tgt Ion:149 Resp: 1799730

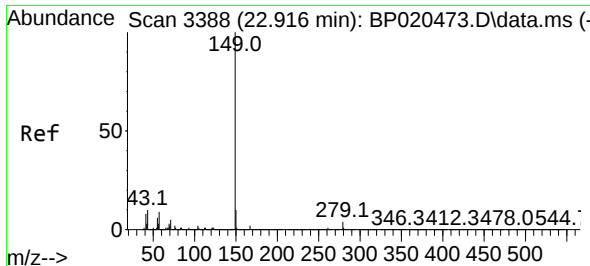
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.6

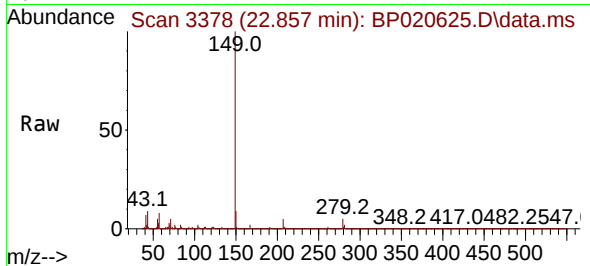
279 4.7 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 50.536 ng
RT: 22.857 min Scan# 31
Delta R.T. -0.059 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

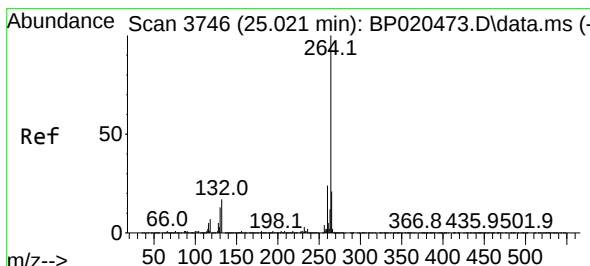
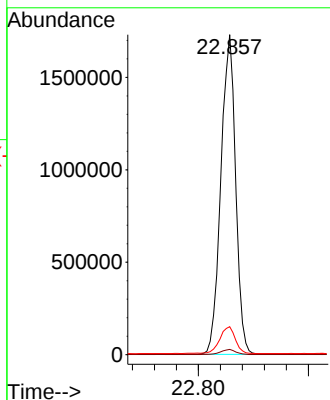
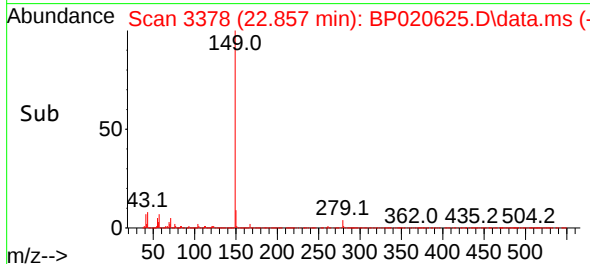
Instrument :
BNA_P
ClientSampleId :
PB161492BS



Tgt Ion:149 Resp: 3216920
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 8.2 12.2

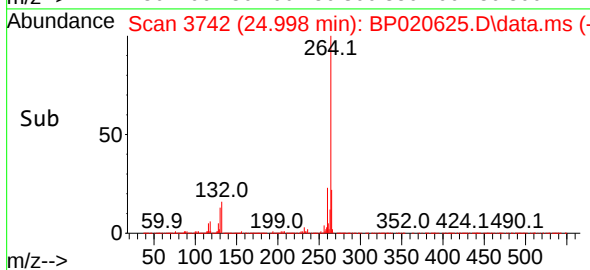
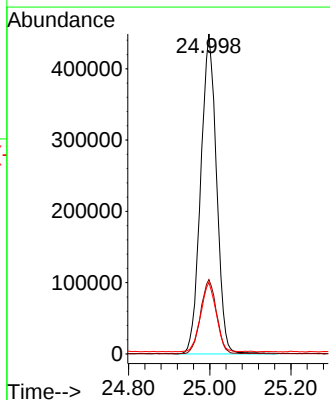
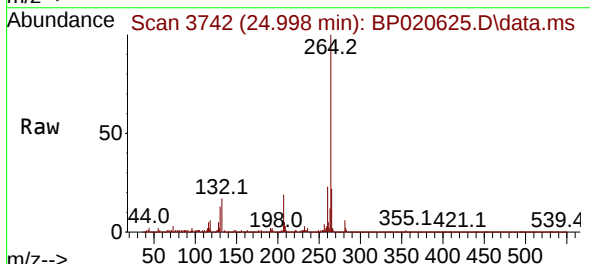
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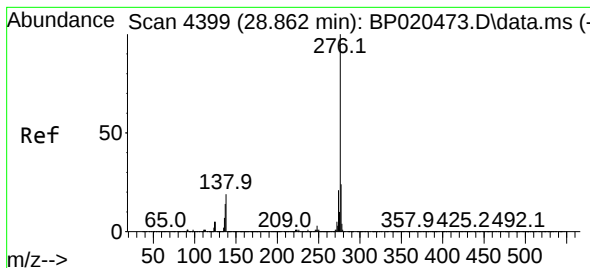
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3742
Delta R.T. -0.023 min
Lab File: BP020625.D
Acq: 14 Jun 2024 14:33

Tgt Ion:264 Resp: 1214597
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.202 ng m

RT: 28.809 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

Tgt Ion:276 Resp: 422490

Ion Ratio Lower Upper

276 100

138 16.5 12.8 19.2

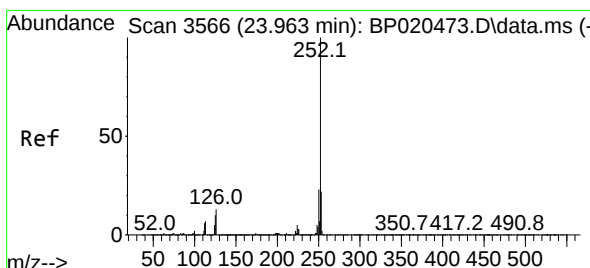
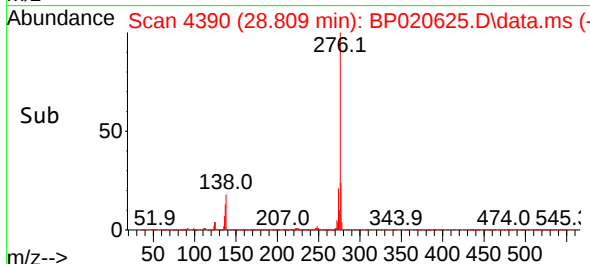
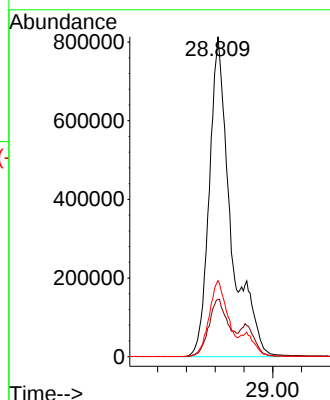
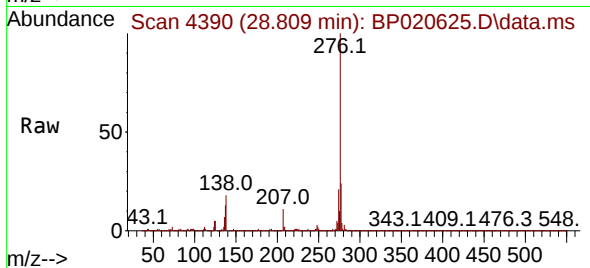
277 20.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024

Supervised By :mohammad ahmed 06/18/2024



#88

Benzo(b)fluoranthene

Concen: 42.968 ng

RT: 23.945 min Scan# 3563

Delta R.T. -0.018 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

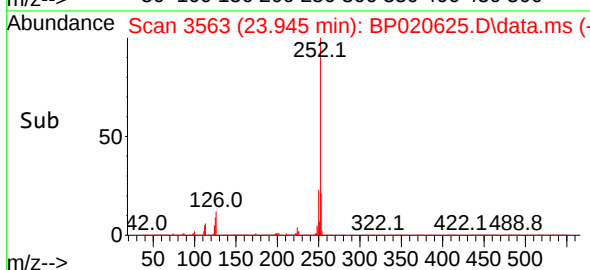
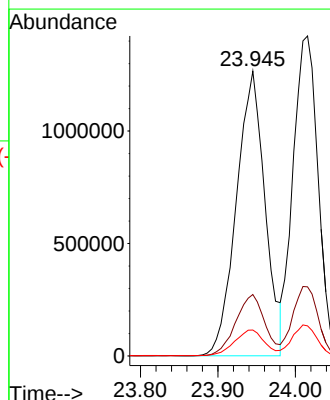
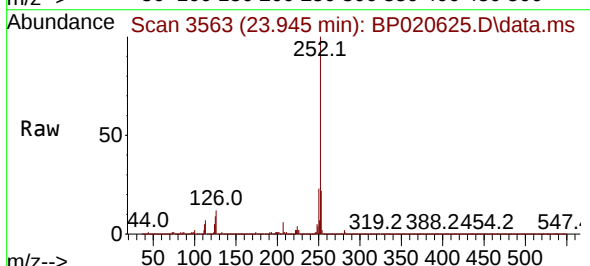
Tgt Ion:252 Resp: 3251249

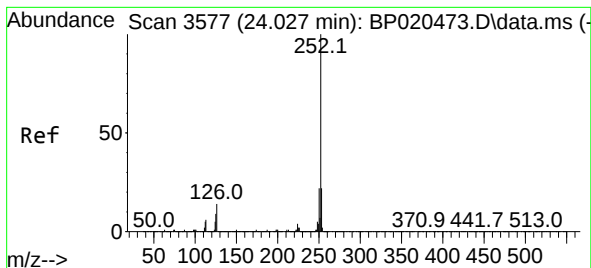
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 43.120 ng

RT: 24.016 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

Tgt Ion:252 Resp: 318230

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

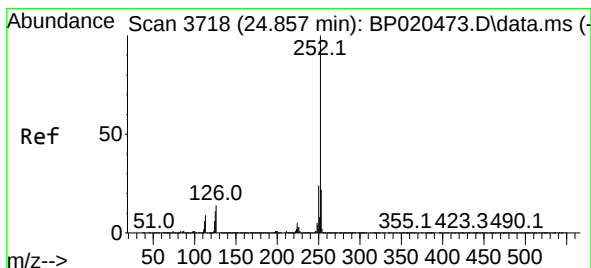
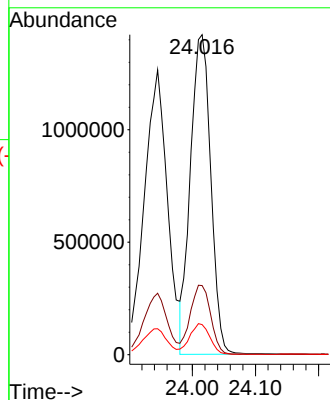
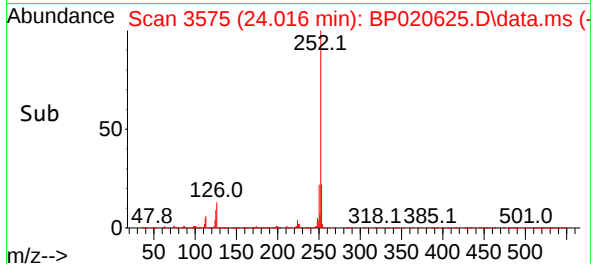
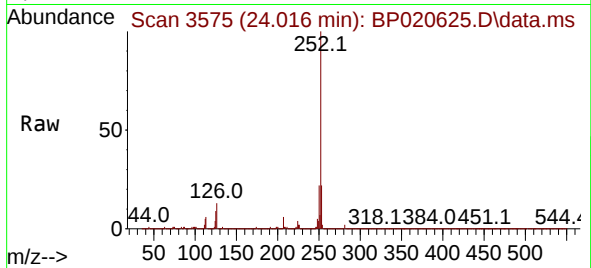
125 9.4 7.8 11.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/17/2024

Supervised By :mohammad ahmed 06/18/2024



#90

Benzo(a)pyrene

Concen: 49.142 ng

RT: 24.845 min Scan# 3716

Delta R.T. -0.012 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

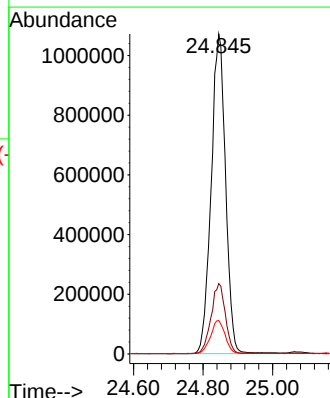
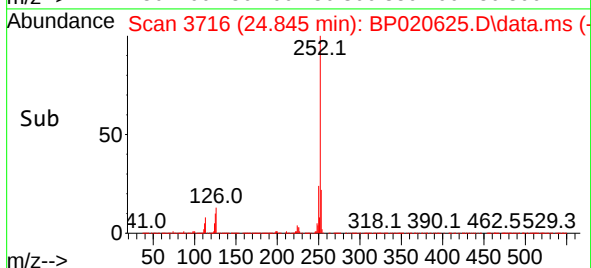
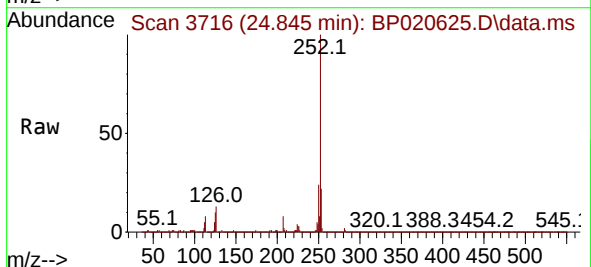
Tgt Ion:252 Resp: 3079509

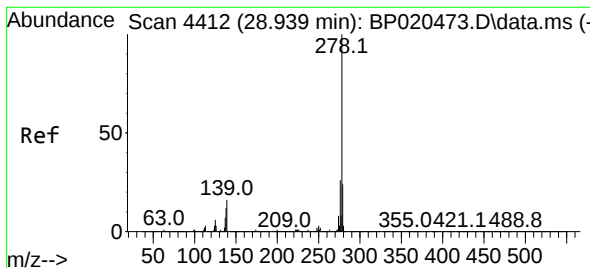
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.5 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 57.279 ng

RT: 28.909 min Scan# 4412

Delta R.T. -0.029 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Instrument :

BNA_P

ClientSampleId :

PB161492BS

Tgt Ion:278 Resp: 352865

Ion Ratio Lower Upper

278 100

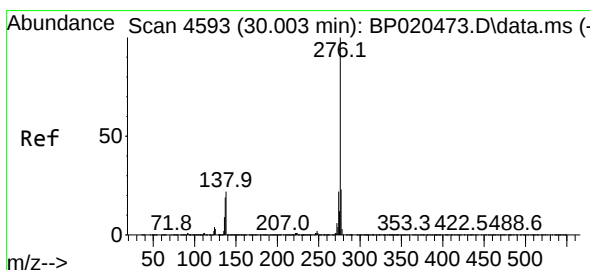
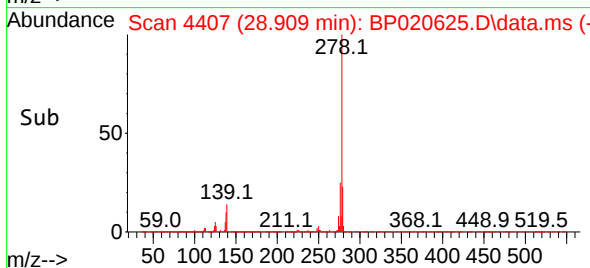
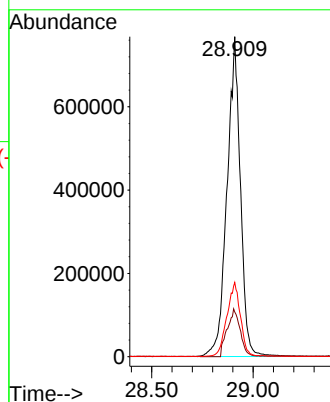
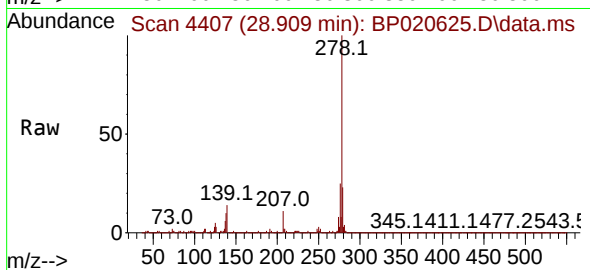
139 14.0 13.0 19.4

279 23.2 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#92

Benzo(g,h,i)perylene

Concen: 55.630 ng

RT: 30.033 min Scan# 4598

Delta R.T. 0.030 min

Lab File: BP020625.D

Acq: 14 Jun 2024 14:33

Tgt Ion:276 Resp: 3425514

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 18.7 17.7 26.5

