

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037475.D
 Acq On : 11 Nov 2022 20:04
 Operator : CG/JU
 Sample : N5502-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2182MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/12/2022
 Supervised By : Jagrut Upadhyay 11/12/2022

Quant Time: Nov 11 22:59:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	302296	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1149161	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	621120	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1086368	20.000	ng	0.00
76) Chrysene-d12	21.386	240	880982	20.000	ng	0.00
86) Perylene-d12	23.721	264	785638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2289824	130.865	ng	0.01
7) Phenol-d6	6.993	99	2698463	113.629	ng	0.00
23) Nitrobenzene-d5	8.981	82	2009832	88.239	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1202645	164.303	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4444267	95.071	ng	0.00
79) Terphenyl-d14	19.827	244	5158165	104.996	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	285210	39.806	ng	# 43
3) Pyridine	3.687	79	578927	27.121	ng	99
4) n-Nitrosodimethylamine	3.587	42	381162	40.853	ng	95
6) Aniline	7.146	93	396890	13.671	ng	100
8) 2-Chlorophenol	7.375	128	1016711	47.741	ng	98
9) Benzaldehyde	6.957	77	403847	33.596	ng	99
10) Phenol	7.022	94	1034340	38.871	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	990276	46.416	ng	99
12) 1,3-Dichlorobenzene	7.693	146	1020444	43.850	ng	98
13) 1,4-Dichlorobenzene	7.840	146	1055271	43.961	ng	99
14) 1,2-Dichlorobenzene	8.157	146	1027146	44.553	ng	98
15) Benzyl Alcohol	8.063	79	816068	48.065	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1337460	43.973	ng	98
17) 2-Methylphenol	8.263	107	776734	44.666	ng	99
18) Hexachloroethane	8.875	117	384206	45.384	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	735768	45.192	ng	99
20) 3+4-Methylphenols	8.598	107	1015448	42.511	ng	100
22) Acetophenone	8.645	105	1471202	49.256	ng	# 99
24) Nitrobenzene	9.022	77	1077318	46.653	ng	98
25) Isophorone	9.551	82	1921727	50.482	ng	97
26) 2-Nitrophenol	9.728	139	537411	51.985	ng	99
27) 2,4-Dimethylphenol	9.798	122	837792	54.607	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	1229511	51.911	ng	99
29) 2,4-Dichlorophenol	10.263	162	873340	49.590	ng	98
30) 1,2,4-Trichlorobenzene	10.469	180	962888	48.213	ng	99
31) Naphthalene	10.657	128	2943199	45.206	ng	99
32) Benzoic acid	9.963	122	463611	35.354	ng	99
33) 4-Chloroaniline	10.792	127	231573	8.929	ng	99
34) Hexachlorobutadiene	10.928	225	554438	49.716	ng	99
35) Caprolactam	11.604	113	181595	33.917	ng	99
36) 4-Chloro-3-methylphenol	11.916	107	821817	45.282	ng	98
37) 2-Methylnaphthalene	12.269	142	2045900	46.380	ng	99
38) 1-Methylnaphthalene	12.492	142	1913511	44.395	ng	99
40) 1,2,4,5-Tetrachloroben...	12.639	216	1046401	56.031	ng	99
41) Hexachlorocyclopentadiene	12.604	237	1288189	144.776	ng	100
43) 2,4,6-Trichlorophenol	12.886	196	666763	51.864	ng	100

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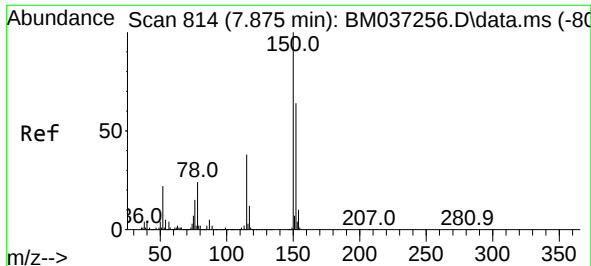
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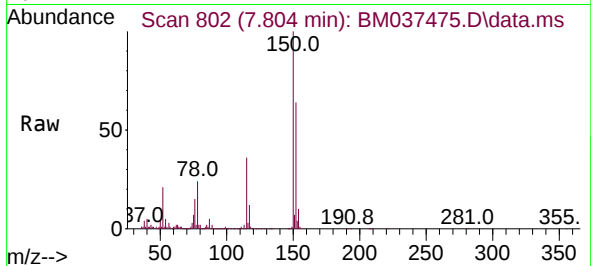
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	717412	50.587	ng	99
46) 1,1'-Biphenyl	13.286	154	2574536	51.364	ng	99
47) 2-Chloronaphthalene	13.328	162	1991936	49.939	ng	99
48) 2-Nitroaniline	13.545	65	534716	46.389	ng	98
49) Acenaphthylene	14.175	152	3004113	48.517	ng	100
50) Dimethylphthalate	13.922	163	2239611	47.207	ng	100
51) 2,6-Dinitrotoluene	14.045	165	498128	49.581	ng	97
52) Acenaphthene	14.516	154	1824711	47.668	ng	99
53) 3-Nitroaniline	14.380	138	266387	23.734	ng	98
54) 2,4-Dinitrophenol	14.586	184	556145	83.742	ng	96
55) Dibenzofuran	14.851	168	2823376	47.887	ng	99
56) 4-Nitrophenol	14.698	139	694979	77.616	ng	98
57) 2,4-Dinitrotoluene	14.833	165	653441	49.427	ng	96
58) Fluorene	15.498	166	2329307	47.331	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	579749	48.773	ng	97
60) Diethylphthalate	15.280	149	2177466	47.223	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	1144768	50.279	ng	100
62) 4-Nitroaniline	15.539	138	421839m	37.474	ng	
63) Azobenzene	15.786	77	2078471	45.756	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	320878	42.930	ng	93
66) n-Nitrosodiphenylamine	15.716	169	1820491	49.577	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	667974	54.792	ng	99
68) Hexachlorobenzene	16.498	284	800407	54.252	ng	96
69) Atrazine	16.674	200	582229	63.017	ng	98
70) Pentachlorophenol	16.851	266	907352	105.692	ng	98
71) Phenanthrene	17.239	178	3171133	47.050	ng	100
72) Anthracene	17.327	178	3205730	50.241	ng	99
73) Carbazole	17.610	167	2735475	46.737	ng	99
74) Di-n-butylphthalate	18.168	149	3427250	53.030	ng	100
75) Fluoranthene	19.257	202	3258303	45.733	ng	98
77) Benzidine	19.462	184	196615	14.967	ng	98
78) Pyrene	19.621	202	3388981	50.026	ng	99
80) Butylbenzylphthalate	20.521	149	1348222	55.727	ng	95
81) Benzo(a)anthracene	21.368	228	2936782	46.824	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	659009	35.774	ng	98
83) Chrysene	21.421	228	2769245	45.828	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1944080	59.871	ng	99
85) Di-n-octyl phthalate	22.198	149	3040947	59.464	ng	98
87) Indeno(1,2,3-cd)pyrene	26.138	276	3174883	49.356	ng	98
88) Benzo(b)fluoranthene	23.009	252	2746652	50.357	ng	99
89) Benzo(k)fluoranthene	23.056	252	2709507	48.701	ng	99
90) Benzo(a)pyrene	23.615	252	2328643	52.399	ng	99
91) Dibenzo(a,h)anthracene	26.156	278	2706937	50.674	ng	98
92) Benzo(g,h,i)perylene	26.885	276	2697383	51.883	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

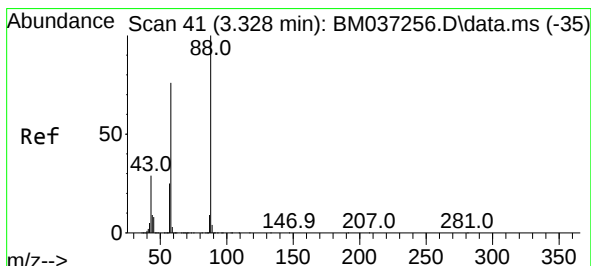
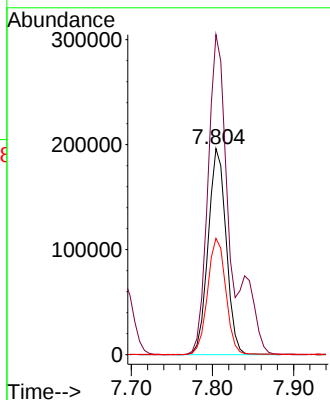
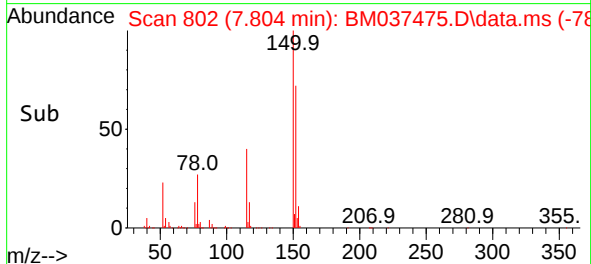
Instrument :
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Tgt Ion:152 Resp: 302296
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 56.5 47.0 70.4

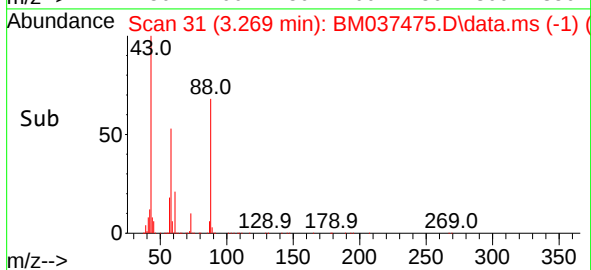
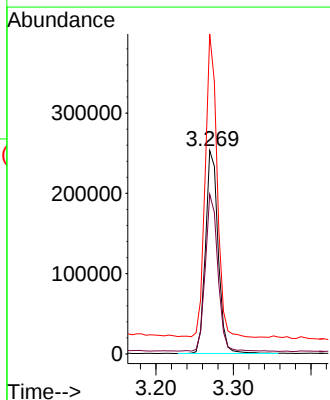
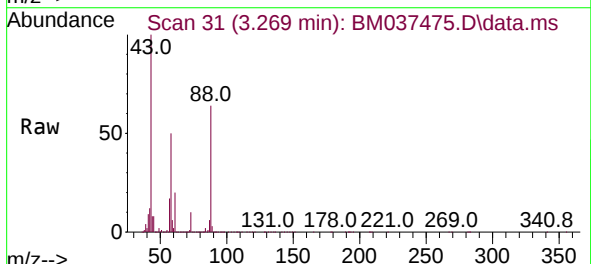
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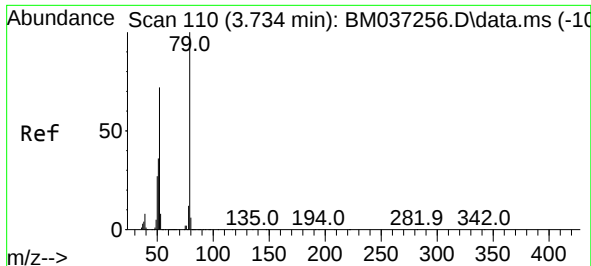
Reviewed By :Christian Giraldo 11/12/2022
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#2
1,4-Dioxane
Concen: 39.806 ng
RT: 3.269 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

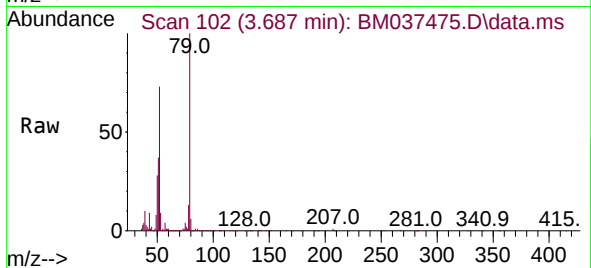
Tgt Ion: 88 Resp: 285210
Ion Ratio Lower Upper
88 100
58 78.0 63.5 95.3
43 141.0 24.2 36.4





#3
Pyridine
Concen: 27.121 ng
RT: 3.687 min Scan# 10
Delta R.T. 0.024 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

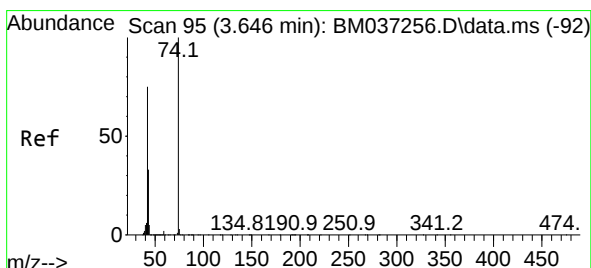
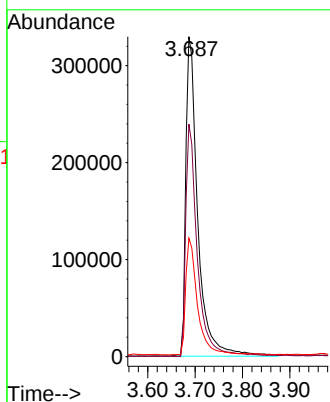
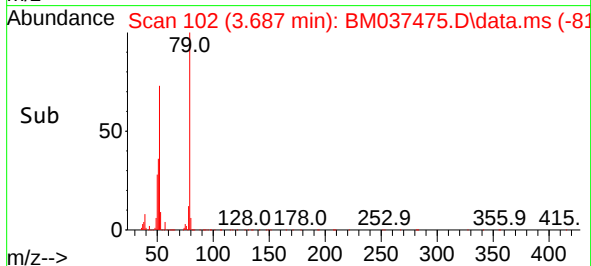
Instrument :
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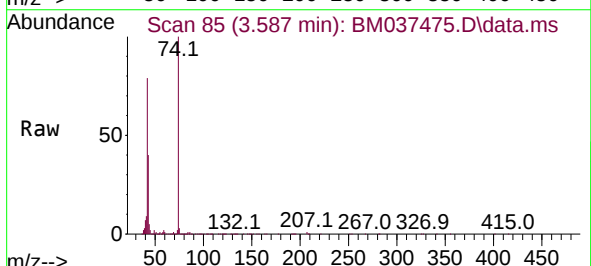
Tgt Ion: 79 Resp: 57892
Ion Ratio Lower Upper
79 100
52 72.6 57.8 86.6
51 37.0 29.0 43.6

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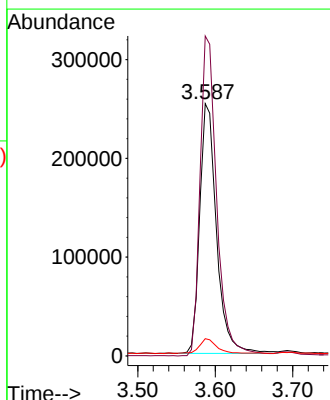
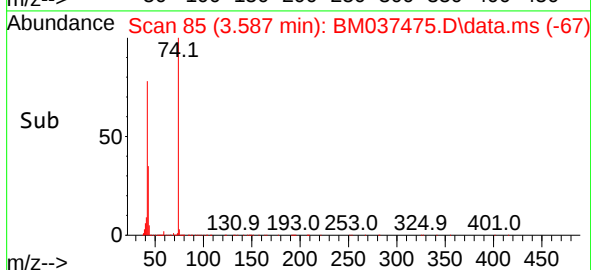
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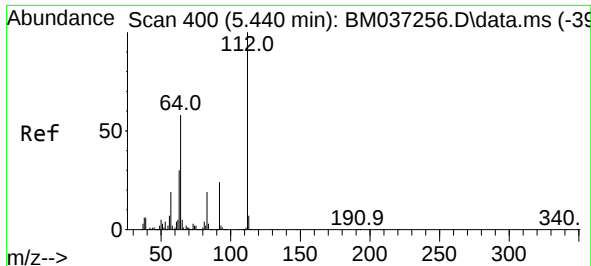


#4
n-Nitrosodimethylamine
Concen: 40.853 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



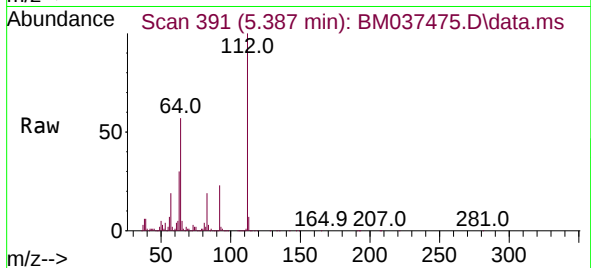
Tgt Ion: 42 Resp: 381162
Ion Ratio Lower Upper
42 100
74 126.9 106.2 159.2
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 130.865 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.012 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

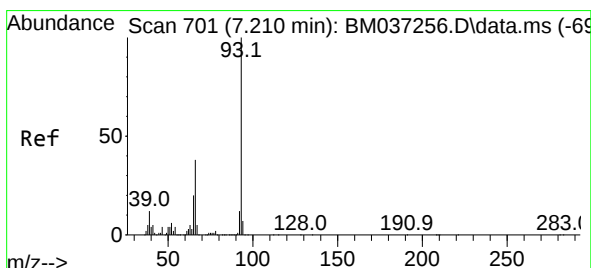
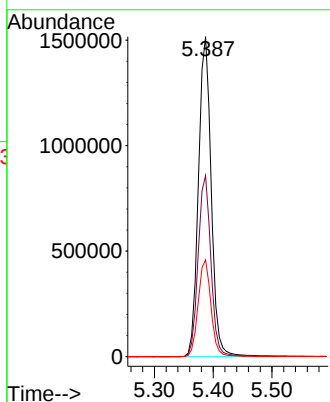
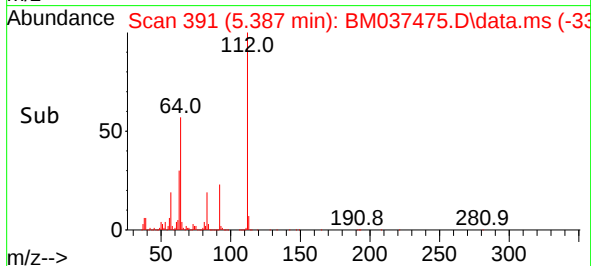
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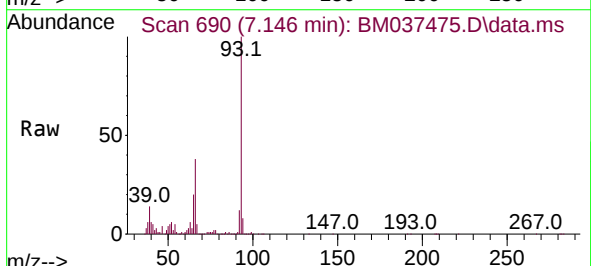
Tgt Ion: 112 Resp: 2289824
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 30.2 24.4 36.6

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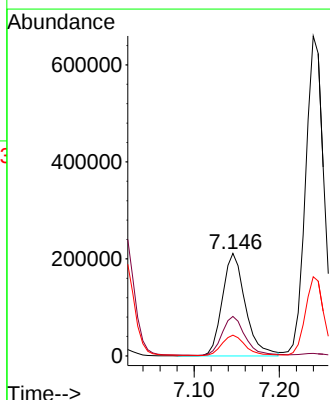
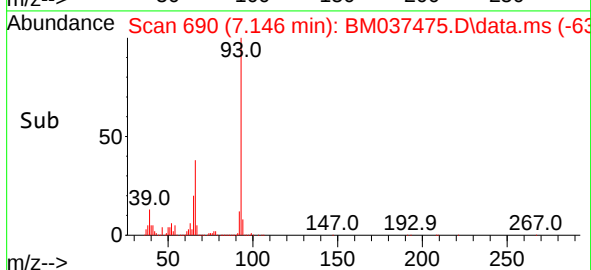
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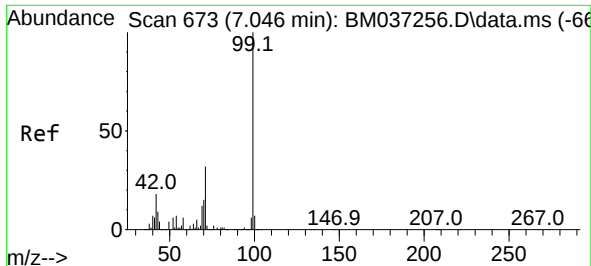


#6
Aniline
Concen: 13.671 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



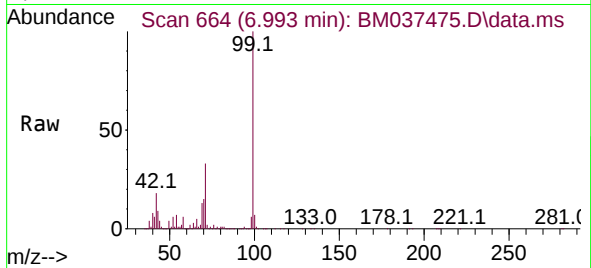
Tgt Ion: 93 Resp: 396890
Ion Ratio Lower Upper
93 100
66 38.4 30.4 45.6
65 20.2 16.2 24.2





#7
Phenol-d6
Concen: 113.629 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

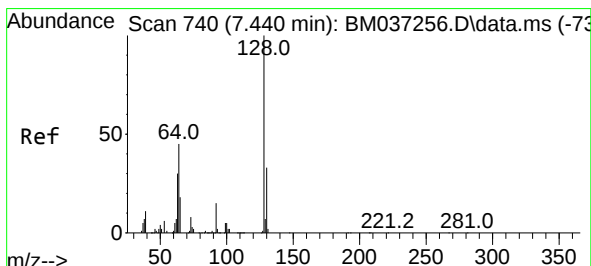
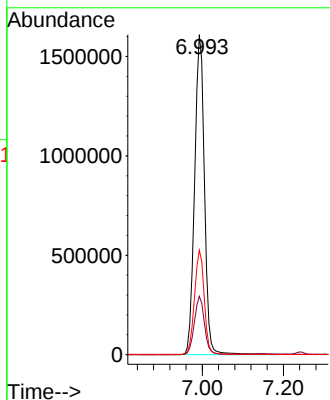
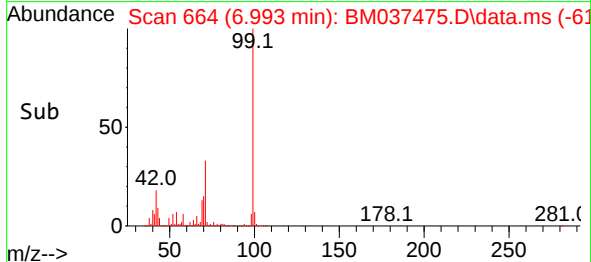
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Tgt Ion: 99 Resp: 2698463
Ion Ratio Lower Upper
99 100
42 18.2 14.8 22.2
71 32.6 25.6 38.4

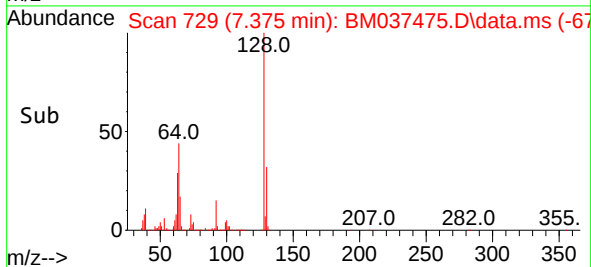
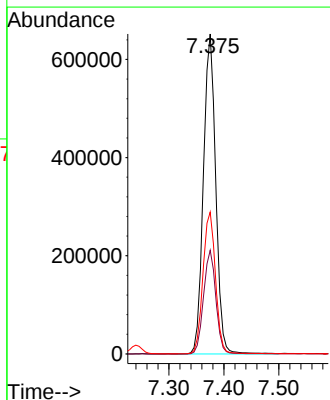
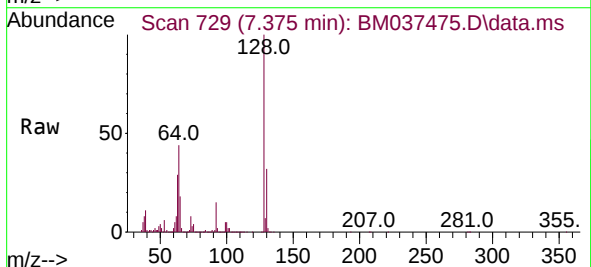
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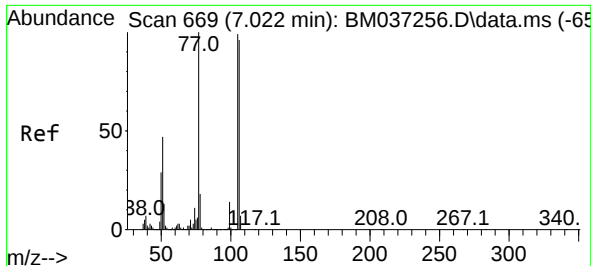
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#8
2-Chlorophenol
Concen: 47.741 ng
RT: 7.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

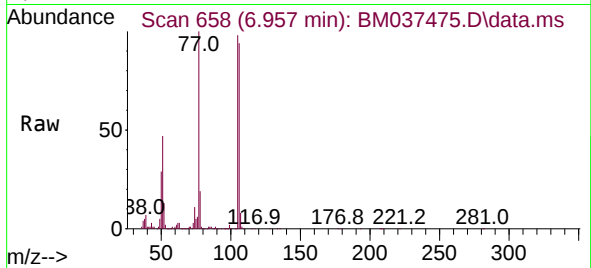
Tgt Ion:128 Resp: 1016711
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 44.3 26.4 66.4





#9
Benzaldehyde
Concen: 33.596 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

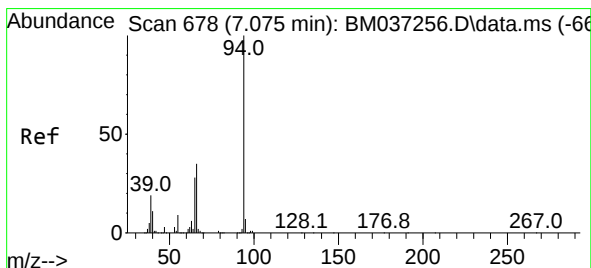
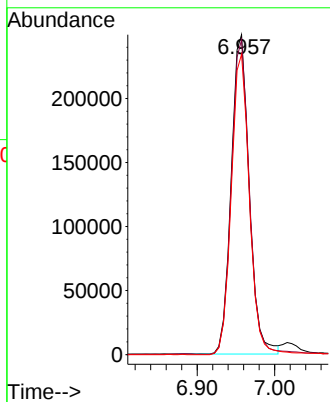
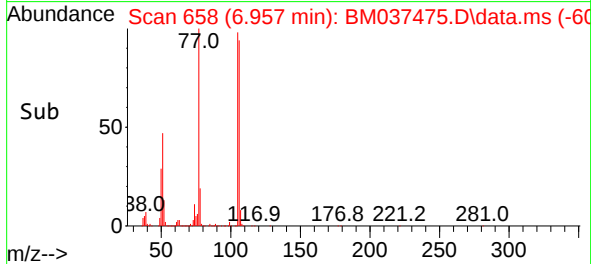
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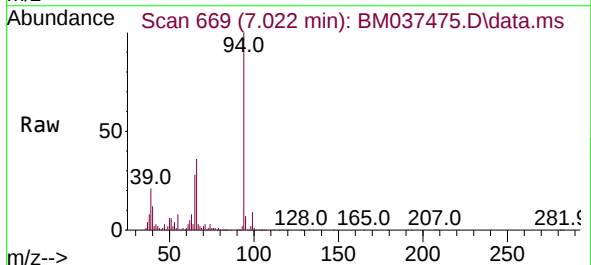
Tgt Ion: 77 Resp: 40384
Ion Ratio Lower Upper
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105 98.4 78.6 118.6
106 93.9 75.8 115.8

Manual Integrations
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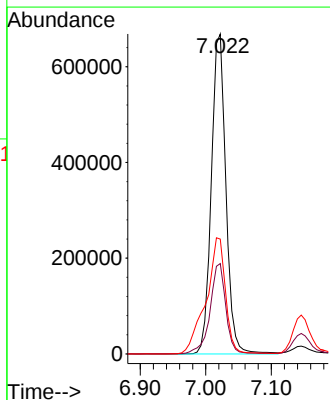
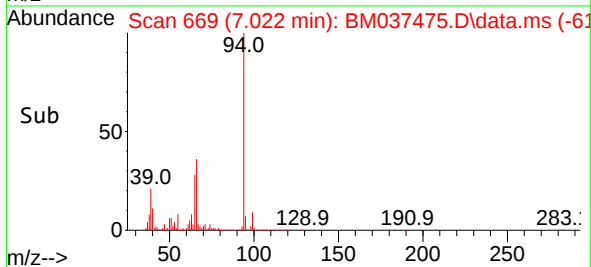
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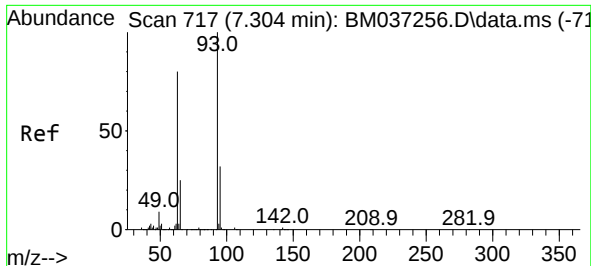


#10
Phenol
Concen: 38.871 ng
RT: 7.022 min Scan# 669
Delta R.T. 0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



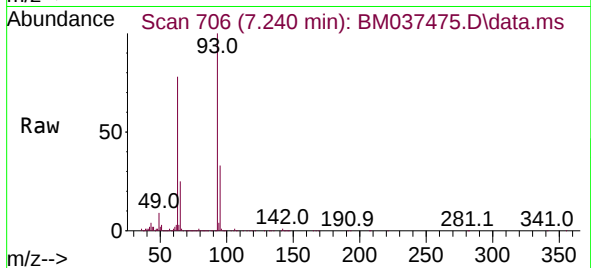
Tgt Ion: 94 Resp: 1034340
Ion Ratio Lower Upper
94 100
65 28.3 8.1 48.1
66 35.9 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 46.416 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

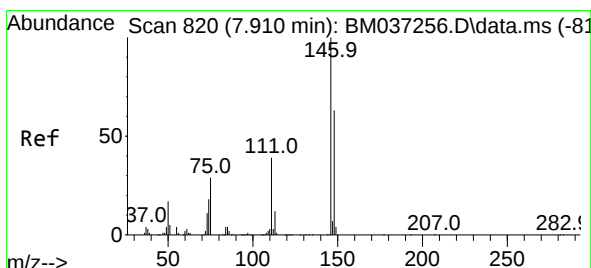
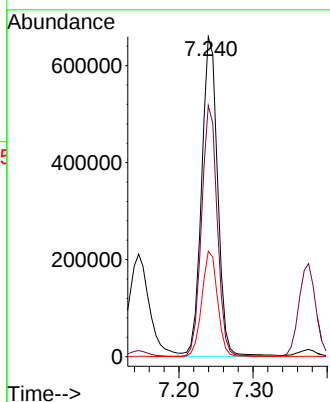
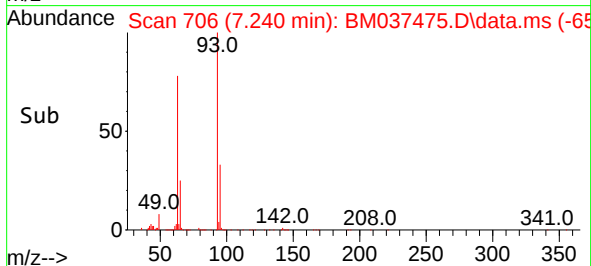
Instrument :
BNA_M
ClientSampleId :
2182MSD



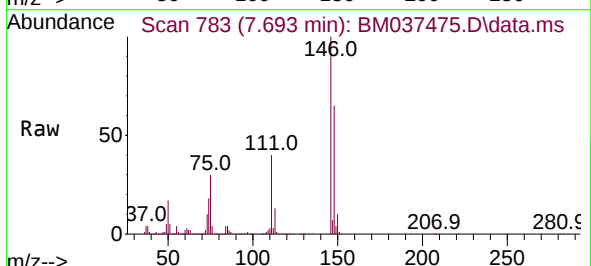
Tgt Ion: 93 Resp: 990276
Ion Ratio Lower Upper
93 100
63 78.5 59.3 99.3
95 32.9 12.0 52.0

Manual Integrations
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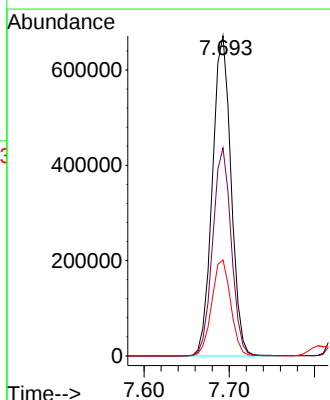
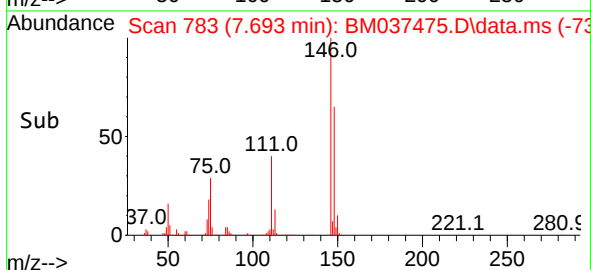
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

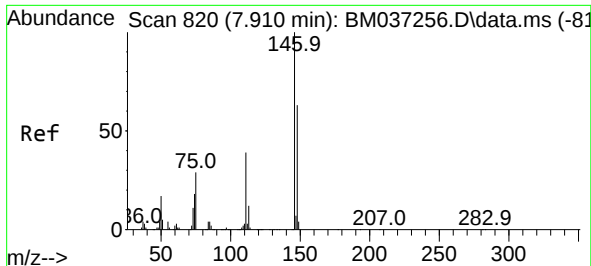


#12
1,3-Dichlorobenzene
Concen: 43.850 ng
RT: 7.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



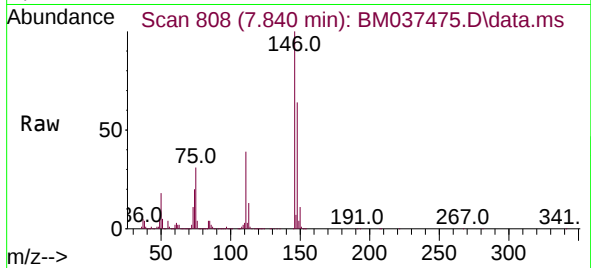
Tgt Ion:146 Resp: 1020444
Ion Ratio Lower Upper
146 100
148 65.0 50.5 75.7
75 30.1 24.5 36.7





#13
1,4-Dichlorobenzene
Concen: 43.961 ng
RT: 7.840 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

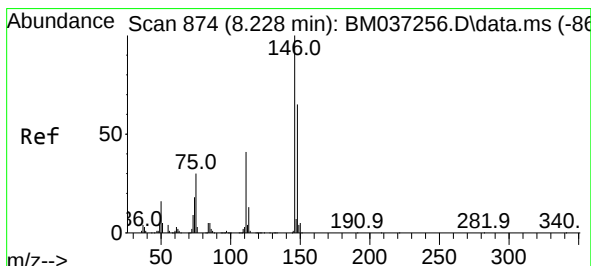
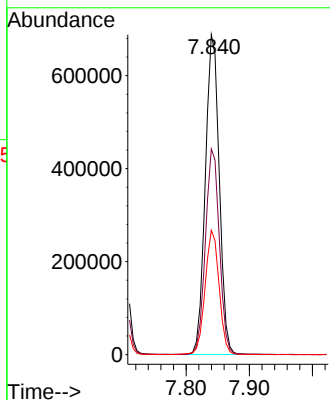
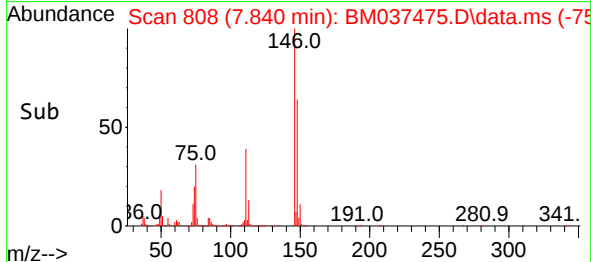
Instrument :
BNA_M
ClientSampleId :
2182MSD



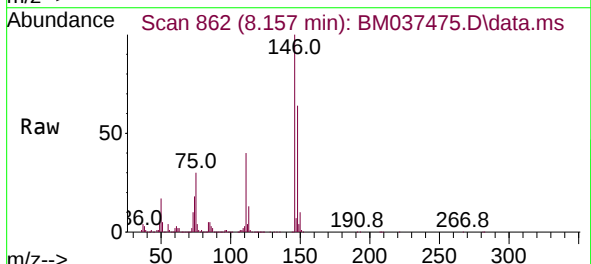
Tgt Ion:146 Resp: 105527
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
111 38.9 31.1 46.7

Manual Integrations
APPROVED

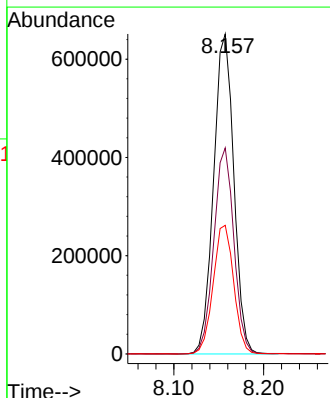
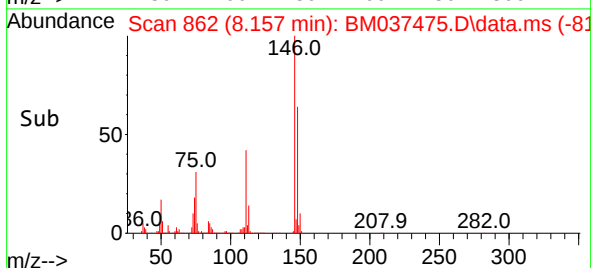
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

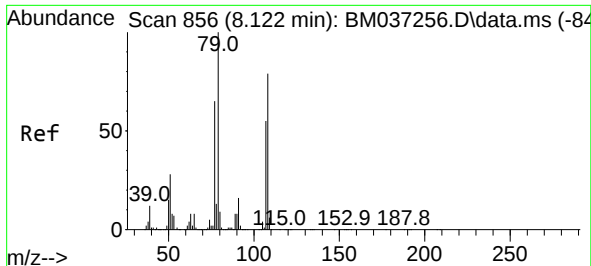


#14
1,2-Dichlorobenzene
Concen: 44.553 ng
RT: 8.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



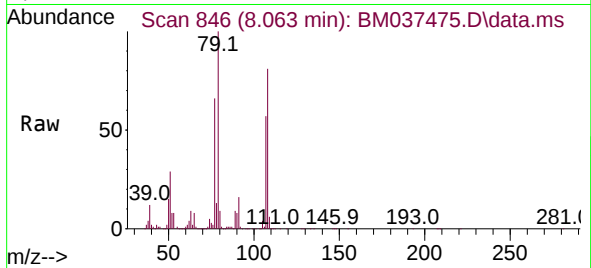
Tgt Ion:146 Resp: 1027146
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
111 40.2 33.0 49.6





#15
Benzyl Alcohol
Concen: 48.065 ng
RT: 8.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

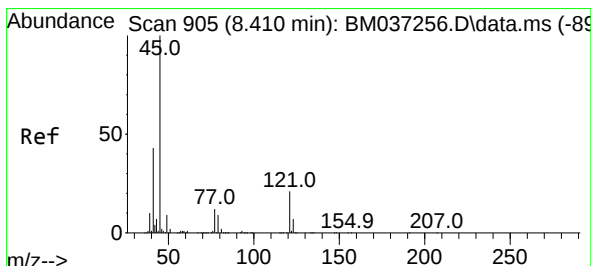
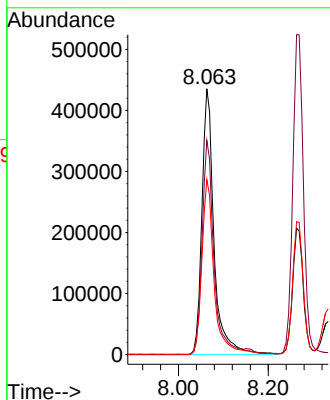
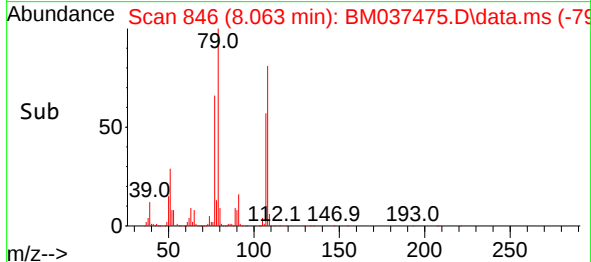
Instrument :
BNA_M
ClientSampleId :
2182MSD



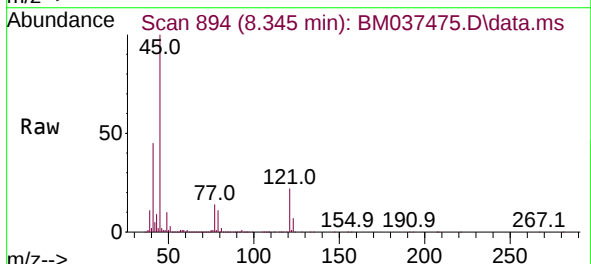
Tgt Ion: 79 Resp: 816068
Ion Ratio Lower Upper
79 100
108 80.6 63.1 94.7
77 65.8 51.7 77.5

Manual Integrations
APPROVED

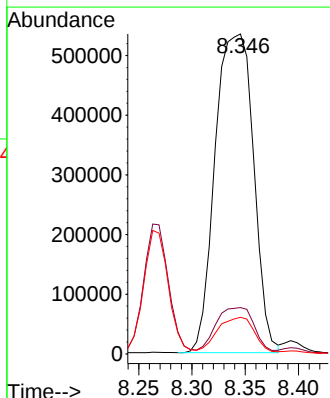
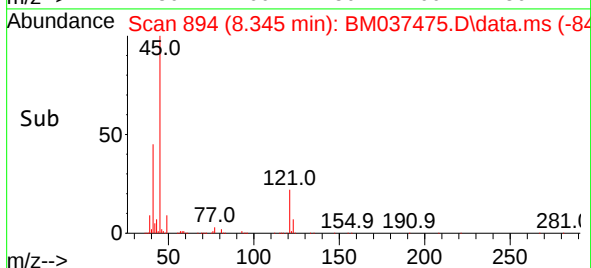
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

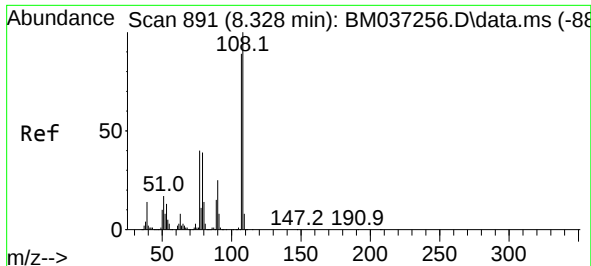


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.973 ng
RT: 8.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



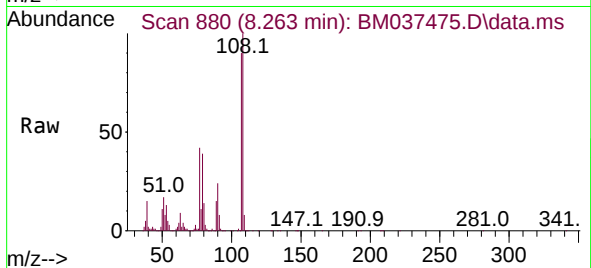
Tgt Ion: 45 Resp: 1337460
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.0
79 11.4 0.0 30.6





#17
2-Methylphenol
Concen: 44.666 ng
RT: 8.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

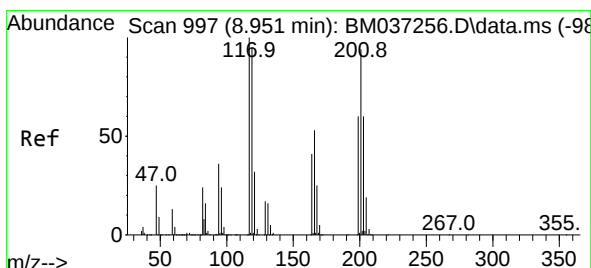
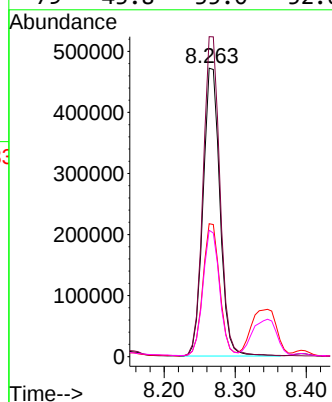
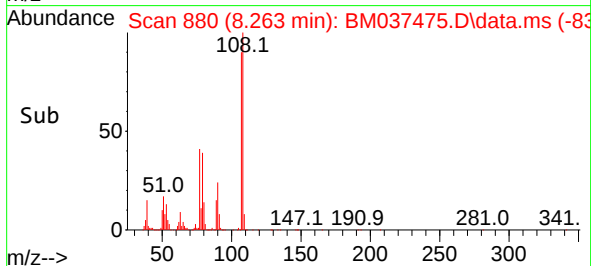
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:107 Resp: 776734
Ion Ratio Lower Upper
107 100
108 111.0 89.5 134.3
77 46.1 36.2 54.2
79 43.8 35.0 52.6

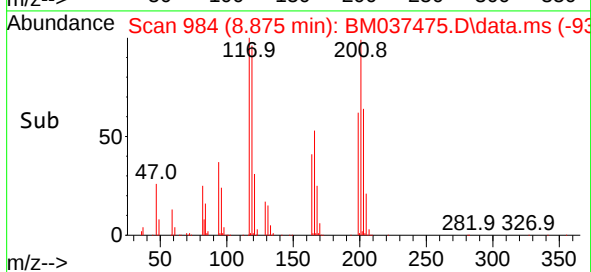
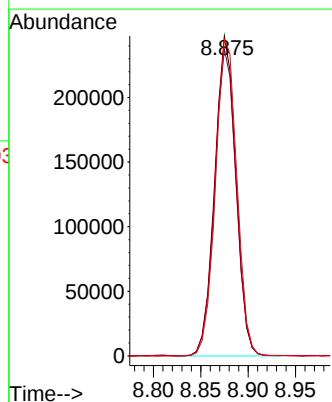
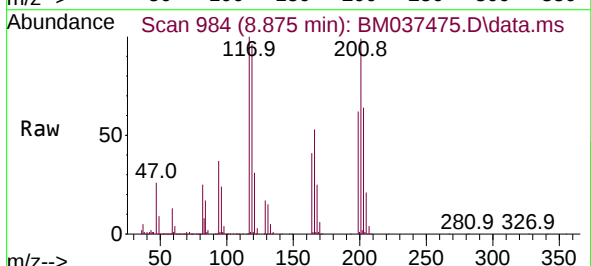
Manual Integrations
APPROVED

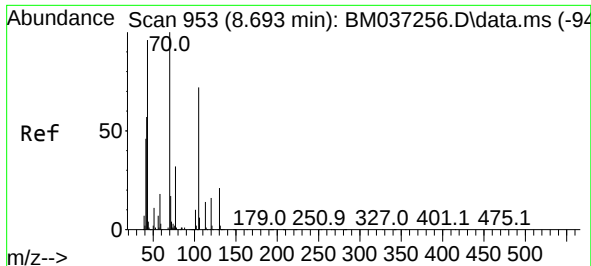
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#18
Hexachloroethane
Concen: 45.384 ng
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

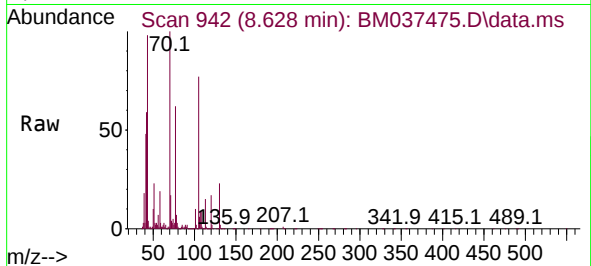
Tgt Ion:117 Resp: 384206
Ion Ratio Lower Upper
117 100
119 95.9 75.9 113.9
201 99.0 75.0 112.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.192 ng
RT: 8.628 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

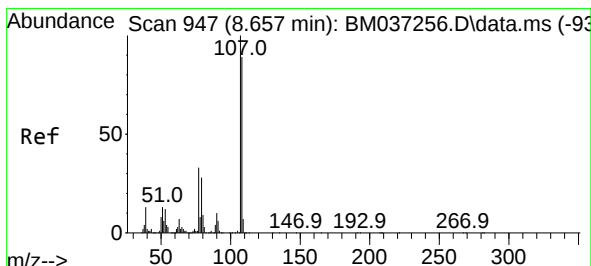
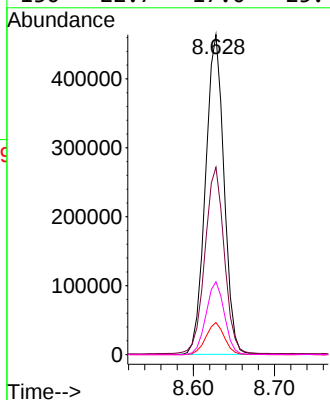
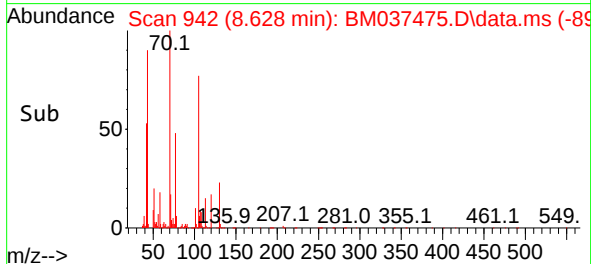
Instrument :
BNA_M
ClientSampleId :
2182MSD



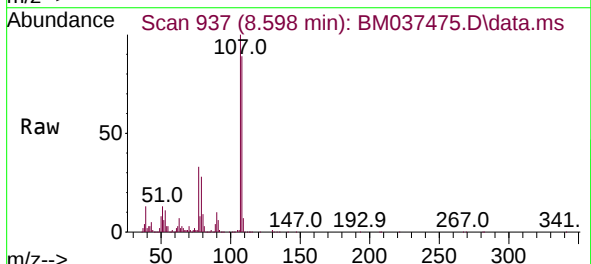
Tgt Ion: 70 Resp: 735768
Ion Ratio Lower Upper
70 100
42 58.5 46.4 69.6
101 10.0 7.8 11.8
130 22.7 17.0 25.4

Manual Integrations
APPROVED

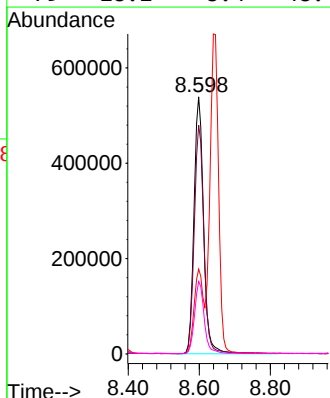
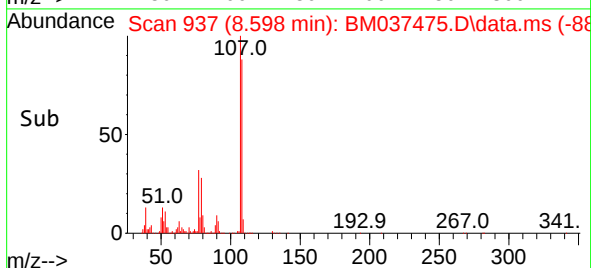
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

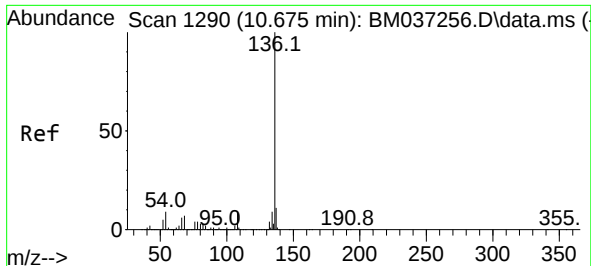


#20
3+4-Methylphenols
Concen: 42.511 ng
RT: 8.598 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



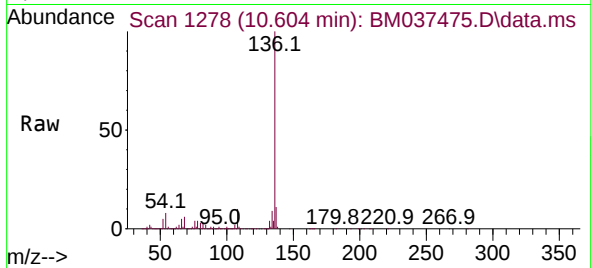
Tgt Ion:107 Resp: 1015448
Ion Ratio Lower Upper
107 100
108 89.0 69.4 109.4
77 32.9 12.8 52.8
79 28.2 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

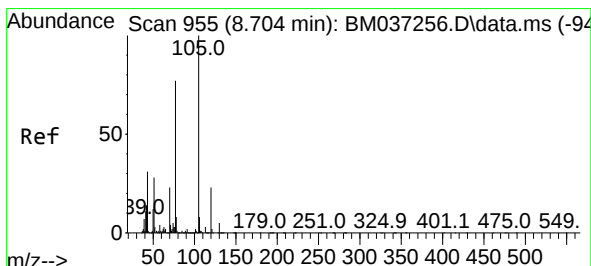
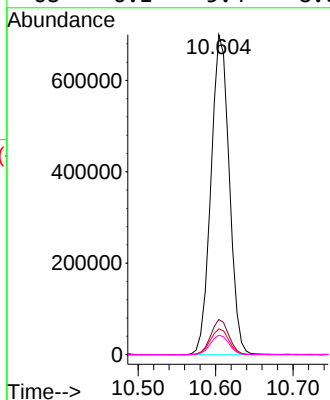
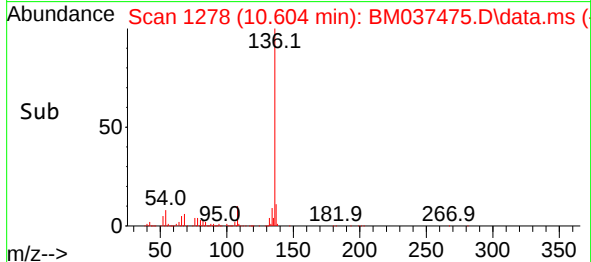
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:136 Resp: 1149163
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.1 7.0 10.4
68 6.1 5.4 8.0

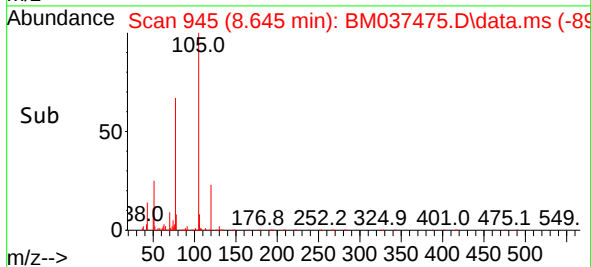
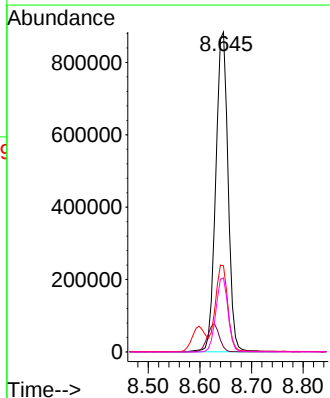
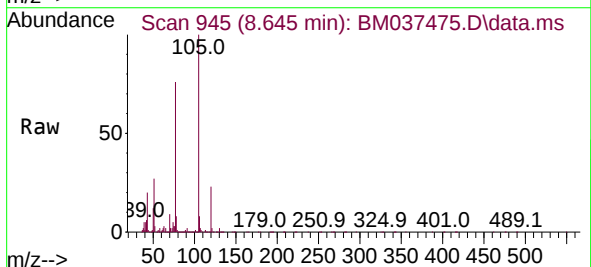
Manual Integrations
APPROVED

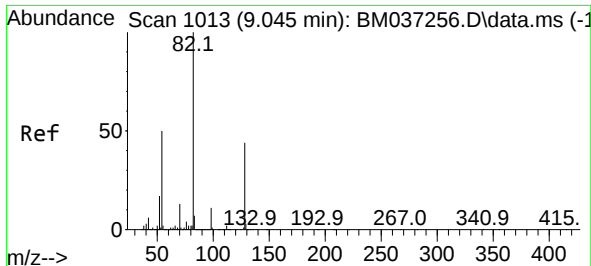
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#22
Acetophenone
Concen: 49.256 ng
RT: 8.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

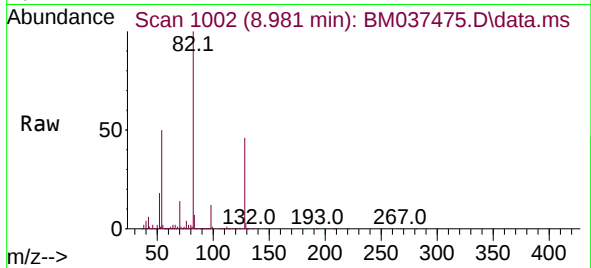
Tgt Ion:105 Resp: 1471202
Ion Ratio Lower Upper
105 100
71 1.5 3.0 4.4#
51 26.9 22.1 33.1
120 23.1 18.2 27.2





#23
Nitrobenzene-d5
Concen: 88.239 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

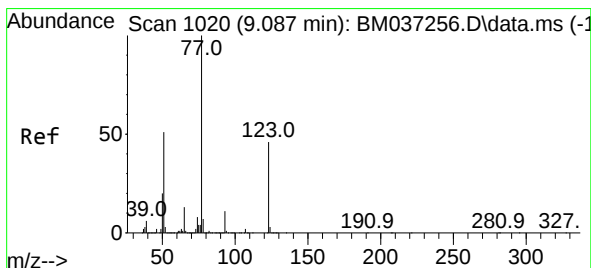
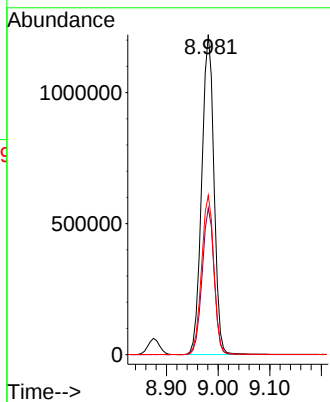
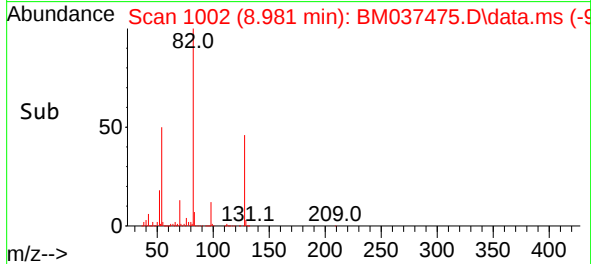
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion: 82 Resp: 2009832
Ion Ratio Lower Upper
82 100
128 45.8 35.2 52.8
54 49.8 40.4 60.6

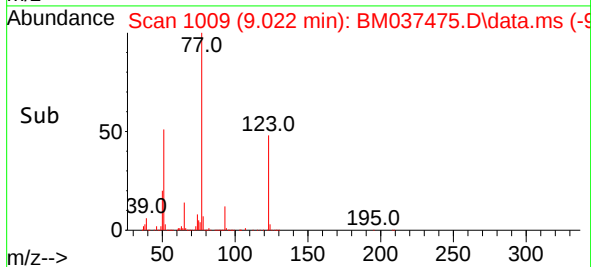
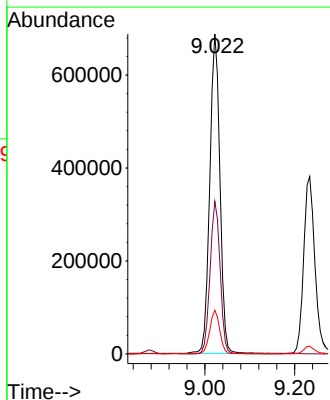
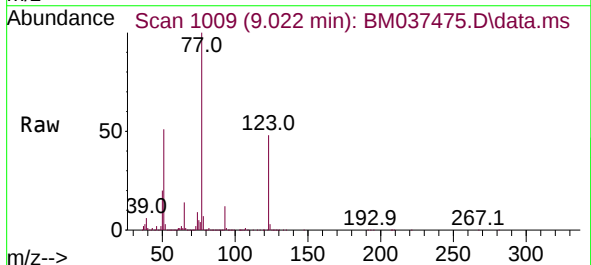
Manual Integrations
APPROVED

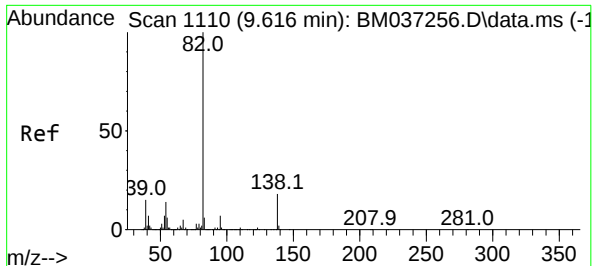
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#24
Nitrobenzene
Concen: 46.653 ng
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

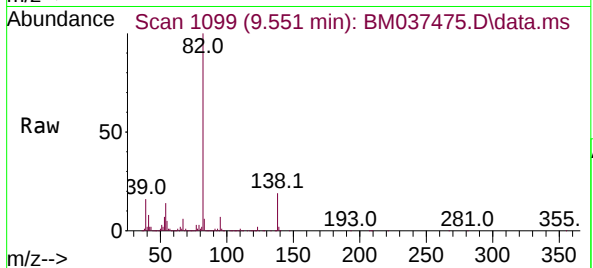
Tgt Ion: 77 Resp: 1077318
Ion Ratio Lower Upper
77 100
123 47.6 36.6 55.0
65 13.6 10.6 16.0





#25
Isophorone
Concen: 50.482 ng
RT: 9.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

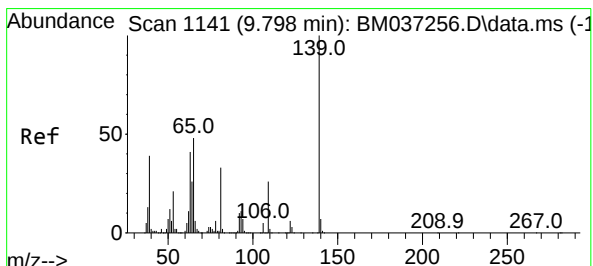
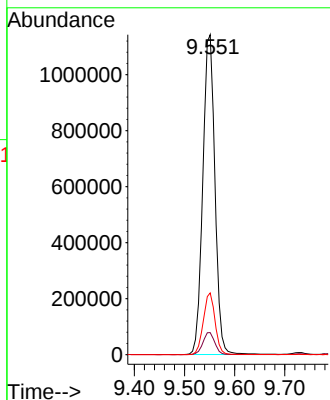
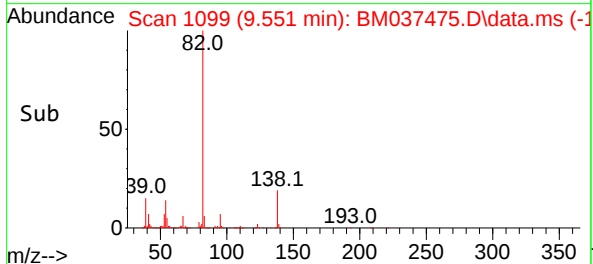
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion: 82 Resp: 192172
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.3 14.2 21.4

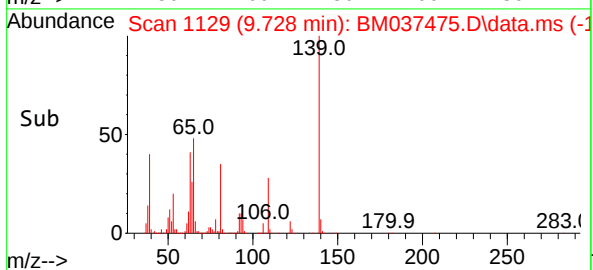
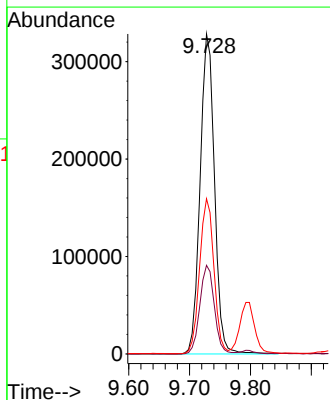
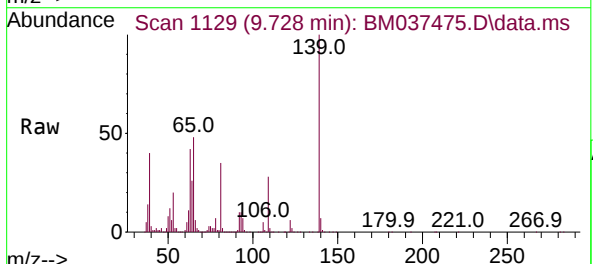
Manual Integrations
APPROVED

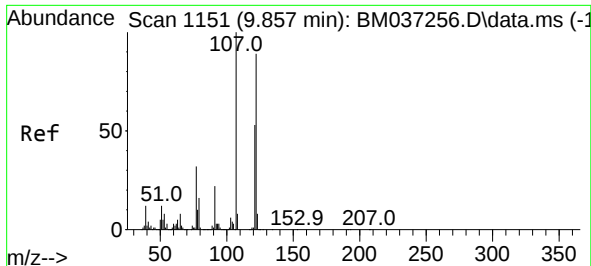
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#26
2-Nitrophenol
Concen: 51.985 ng
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:139 Resp: 537411
Ion Ratio Lower Upper
139 100
109 27.7 21.1 31.7
65 48.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 54.607 ng

RT: 9.798 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

Instrument :

BNA_M

ClientSampleId :

2182MSD

Tgt Ion:122 Resp: 837792

Ion Ratio Lower Upper

122 100

107 109.8 89.7 134.5

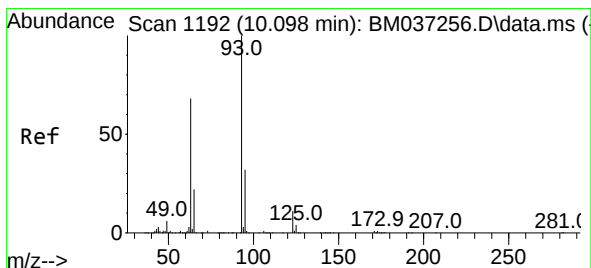
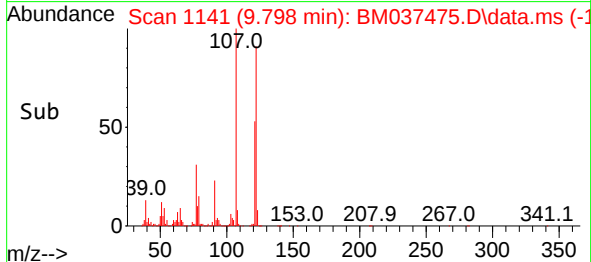
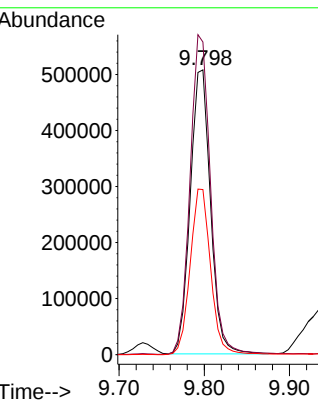
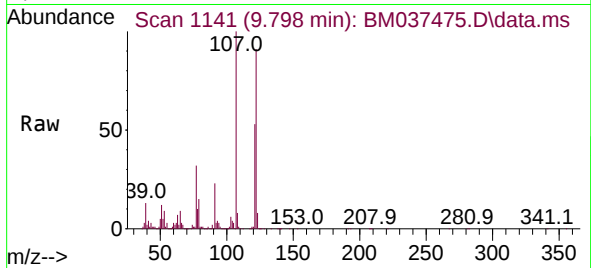
121 57.9 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.911 ng

RT: 10.028 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

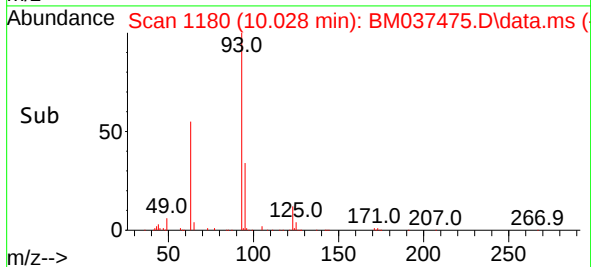
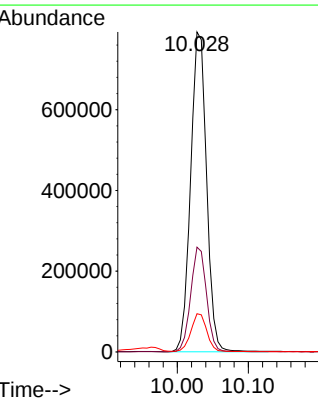
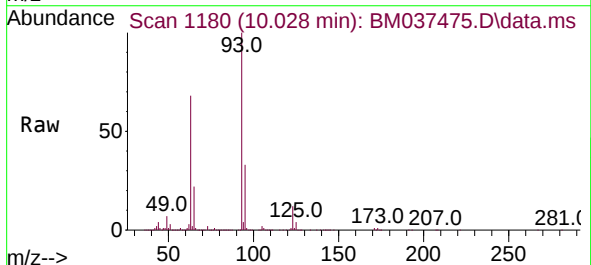
Tgt Ion: 93 Resp: 1229511

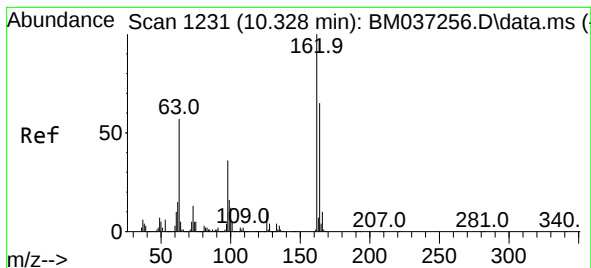
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

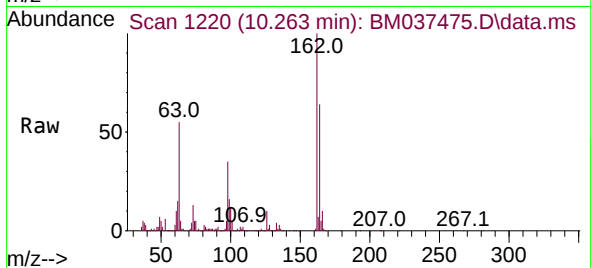
123 11.9 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 49.590 ng
RT: 10.263 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

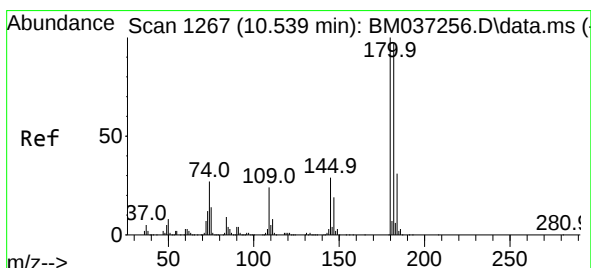
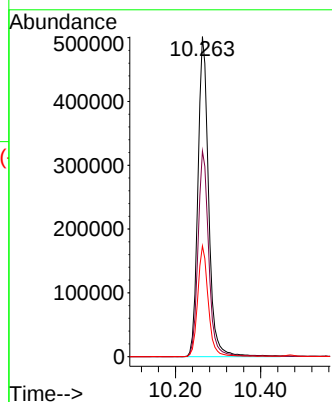
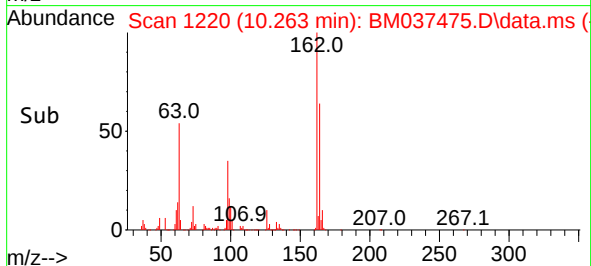
Instrument :
BNA_M
ClientSampleId :
2182MSD



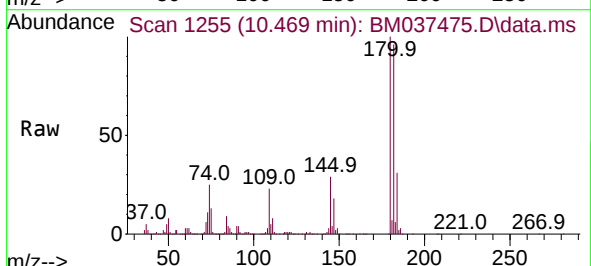
Tgt Ion:162 Resp: 873340
Ion Ratio Lower Upper
162 100
164 64.2 45.0 85.0
98 34.6 16.2 56.2

Manual Integrations
APPROVED

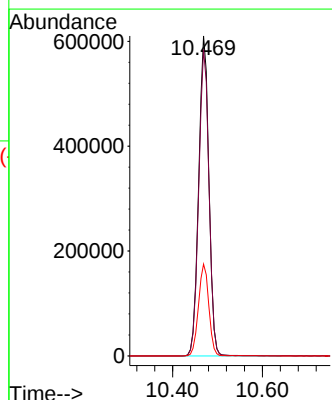
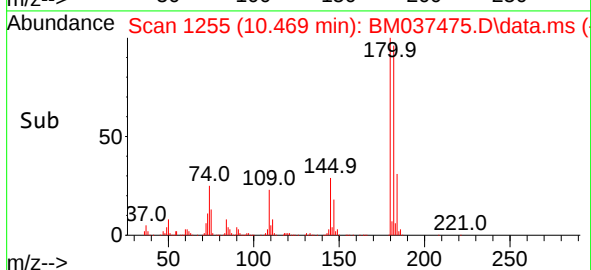
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

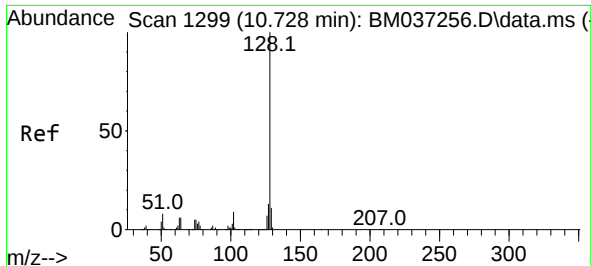


#30
1,2,4-Trichlorobenzene
Concen: 48.213 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



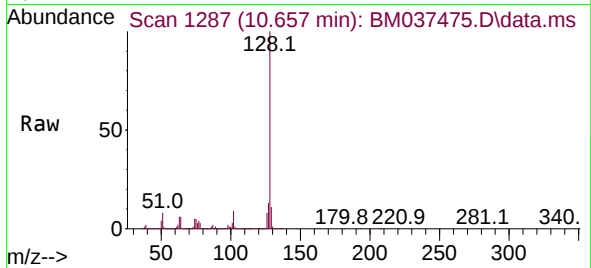
Tgt Ion:180 Resp: 962888
Ion Ratio Lower Upper
180 100
182 95.7 77.5 116.3
145 28.7 23.5 35.3





#31
Naphthalene
Concen: 45.206 ng
RT: 10.657 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

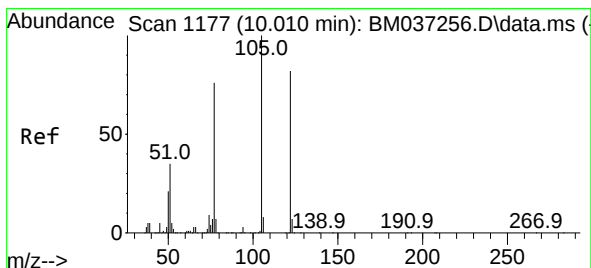
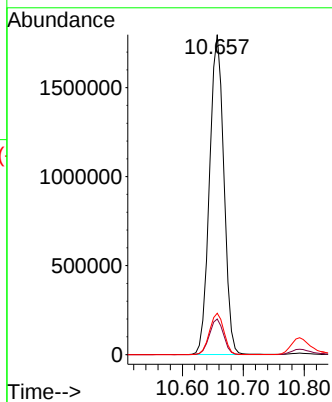
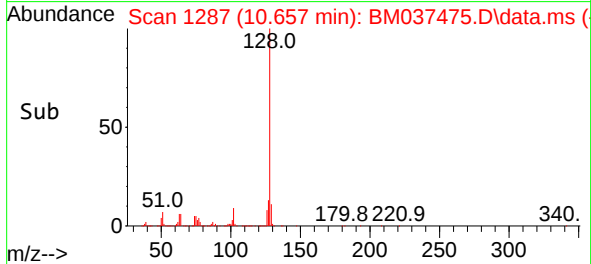
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:128 Resp: 2943199
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.2 15.2

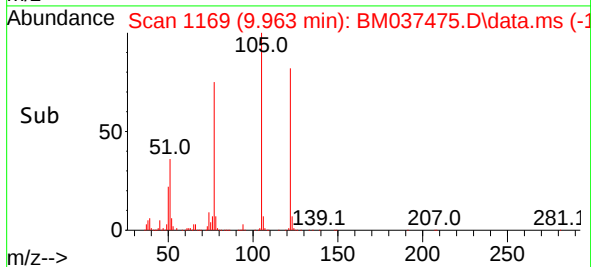
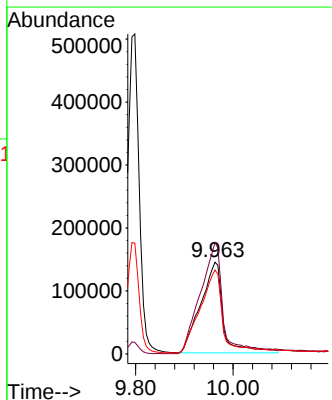
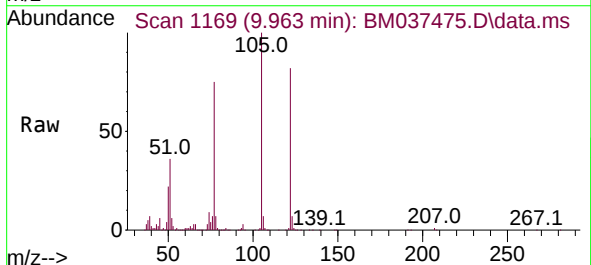
Manual Integrations
APPROVED

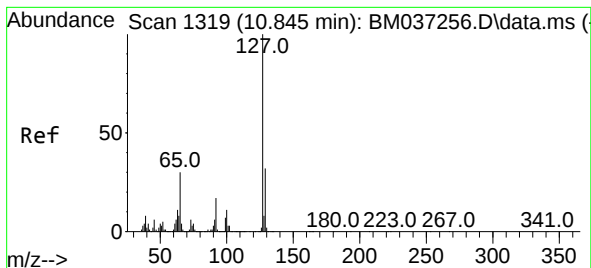
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#32
Benzoic acid
Concen: 35.354 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.017 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

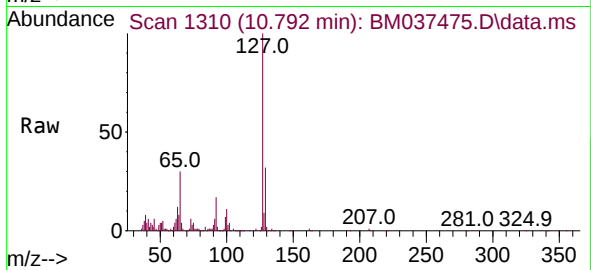
Tgt Ion:122 Resp: 463611
Ion Ratio Lower Upper
122 100
105 121.6 100.1 140.1
77 91.5 71.7 111.7





#33
4-Chloroaniline
Concen: 8.929 ng
RT: 10.792 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

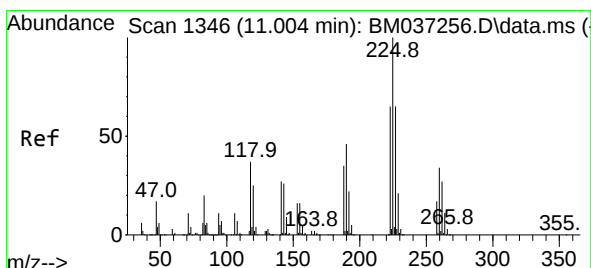
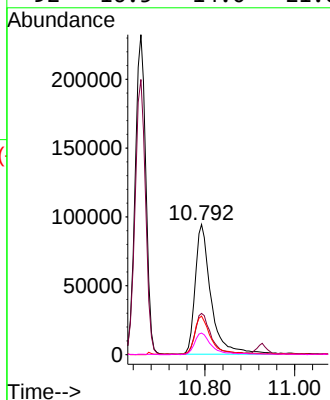
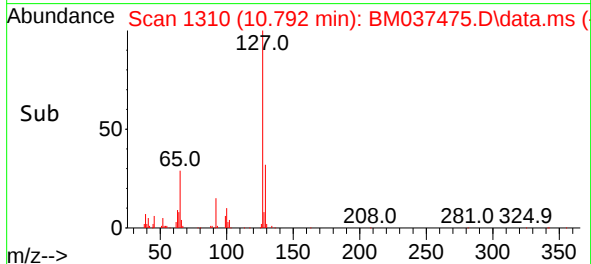
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:127 Resp: 231573
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3
65 29.6 24.0 36.0
92 16.5 14.0 21.0

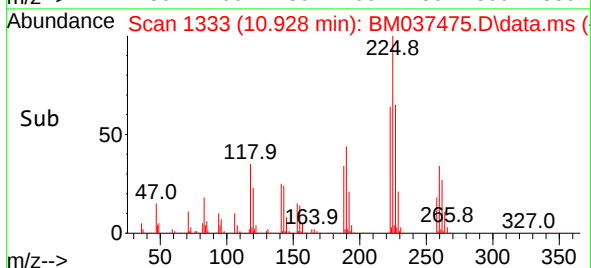
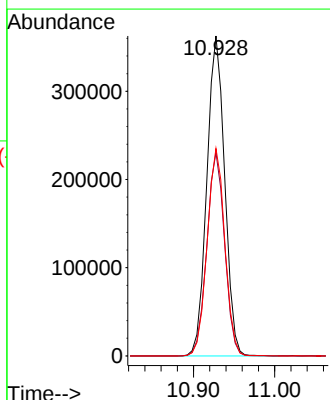
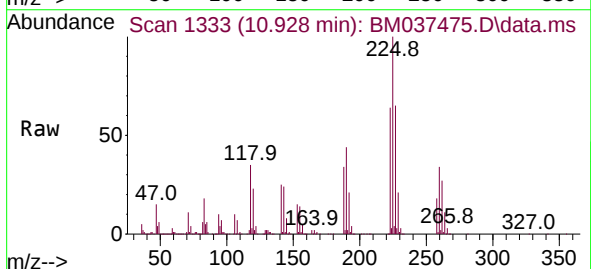
Manual Integrations
APPROVED

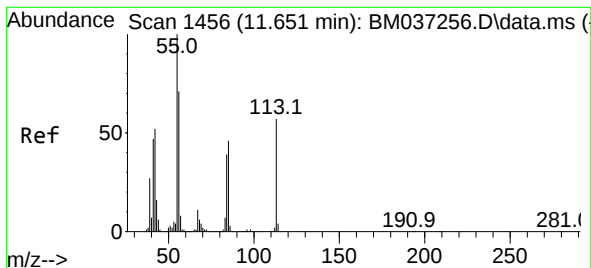
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#34
Hexachlorobutadiene
Concen: 49.716 ng
RT: 10.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

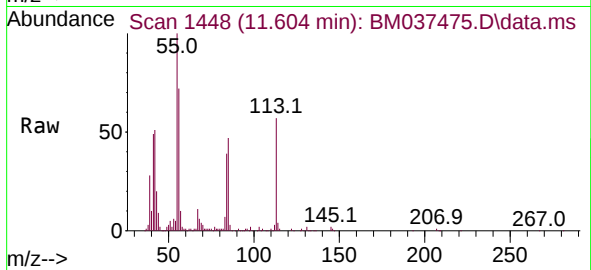
Tgt Ion:225 Resp: 554438
Ion Ratio Lower Upper
225 100
223 63.5 51.9 77.9
227 64.8 52.2 78.4





#35
Caprolactam
Concen: 33.917 ng
RT: 11.604 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

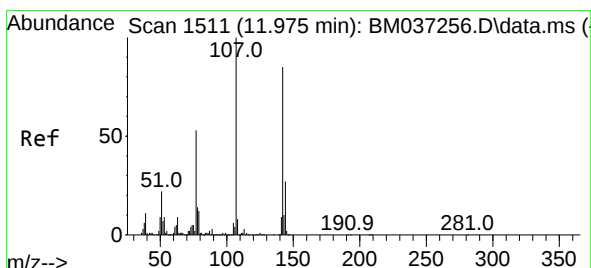
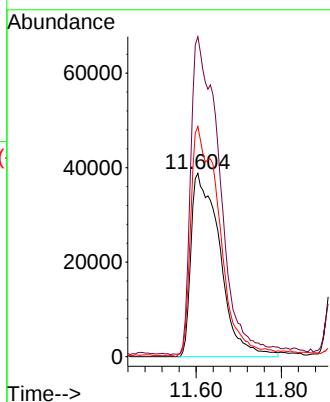
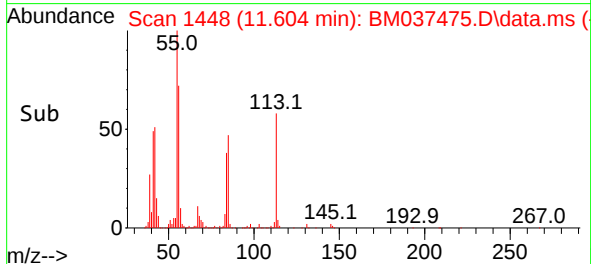
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:113 Resp: 181595
Ion Ratio Lower Upper
113 100
55 174.5 156.9 196.9
56 125.5 106.4 146.4

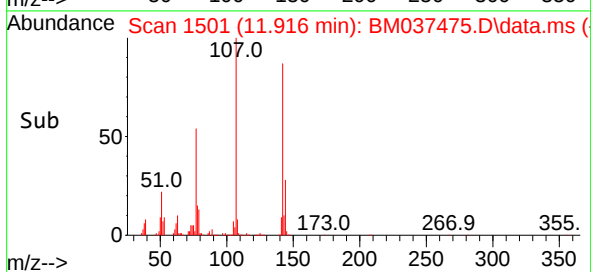
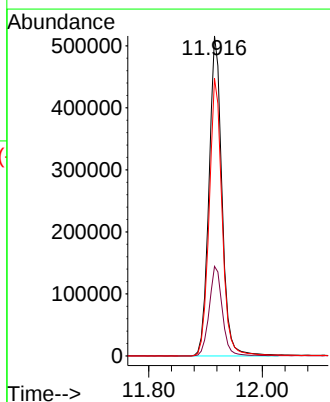
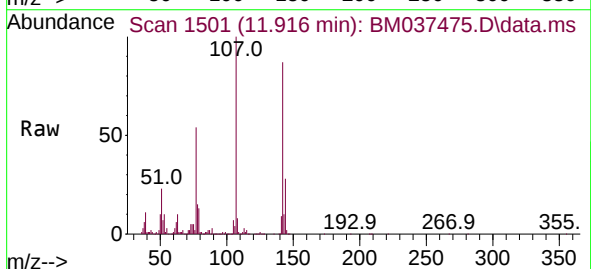
Manual Integrations
APPROVED

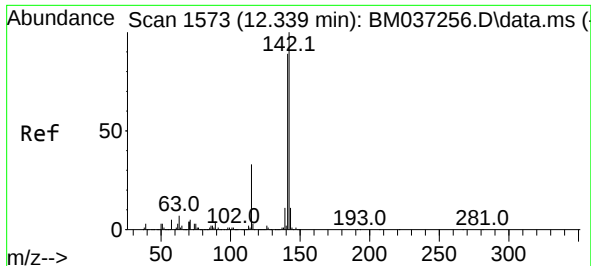
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#36
4-Chloro-3-methylphenol
Concen: 45.282 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

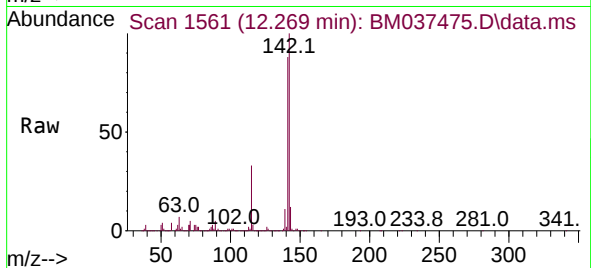
Tgt Ion:107 Resp: 821817
Ion Ratio Lower Upper
107 100
144 28.0 21.8 32.6
142 86.7 68.1 102.1





#37
2-Methylnaphthalene
Concen: 46.380 ng
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

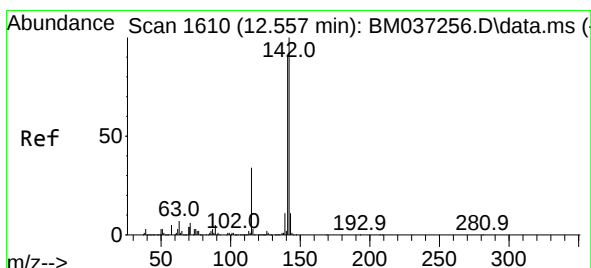
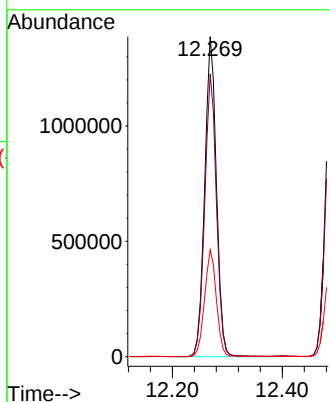
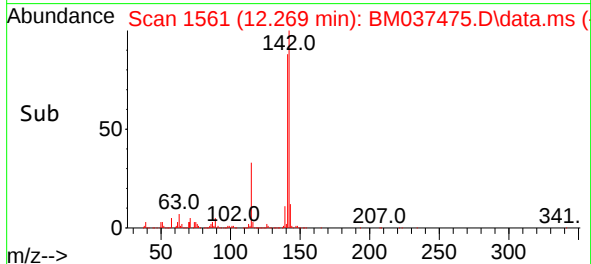
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:142 Resp: 2045900
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9
115 33.4 26.0 39.0

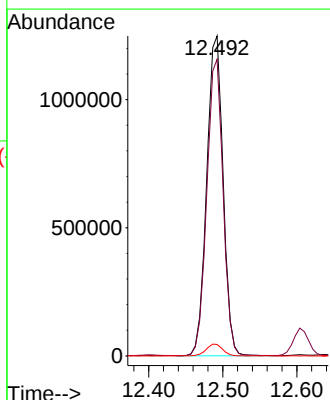
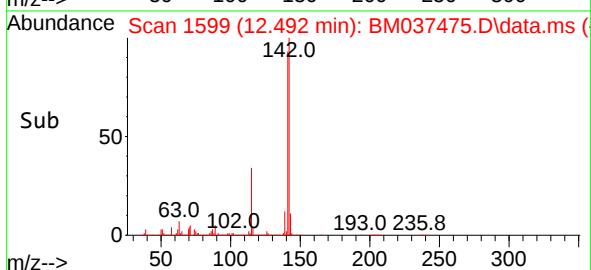
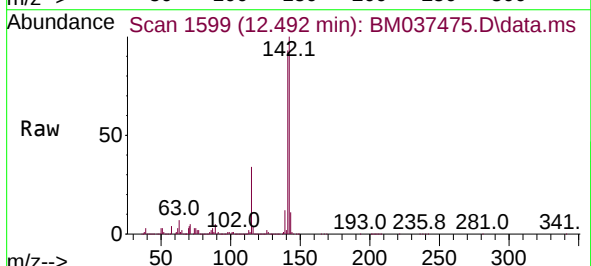
Manual Integrations
APPROVED

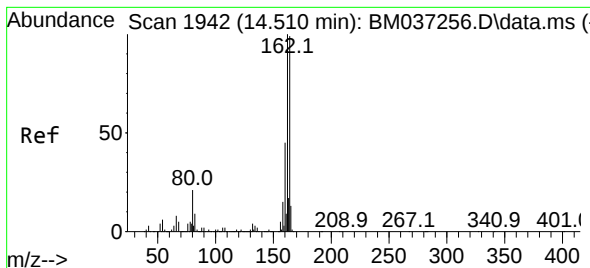
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#38
1-Methylnaphthalene
Concen: 44.395 ng
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:142 Resp: 1913511
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.6
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BM037475.D

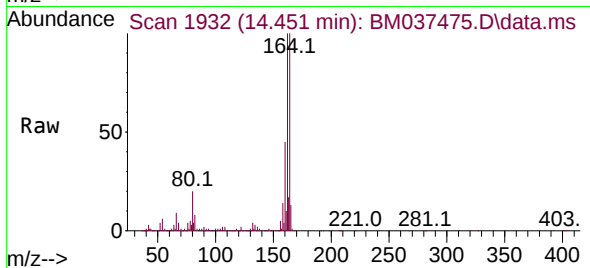
Acq: 11 Nov 2022 20:04

Instrument :

BNA_M

ClientSampleId :

2182MSD



Tgt Ion:164 Resp: 621120

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

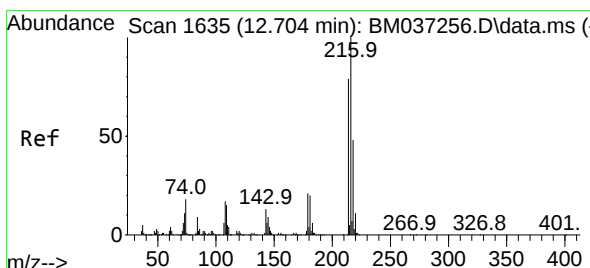
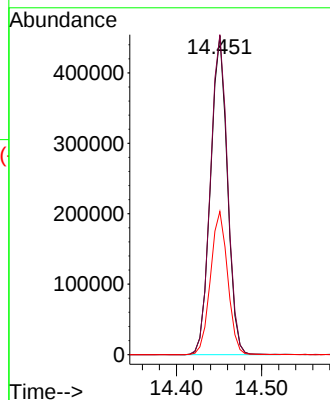
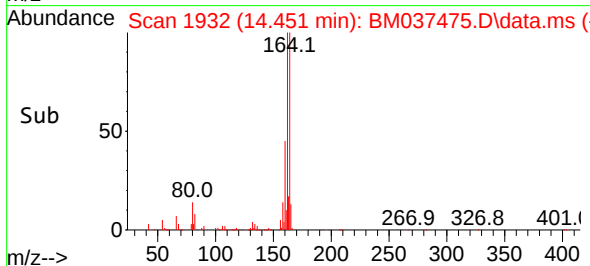
160 44.9 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.031 ng

RT: 12.639 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

Tgt Ion:216 Resp: 1046401

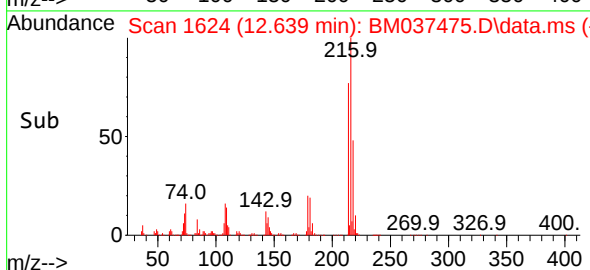
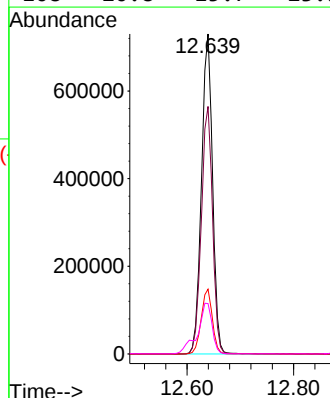
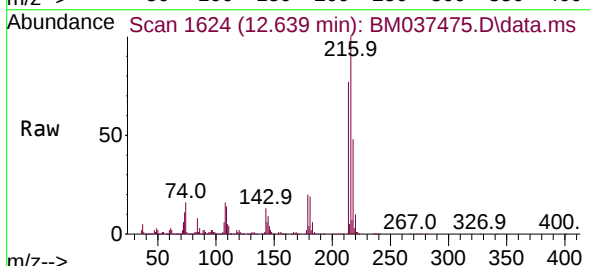
Ion Ratio Lower Upper

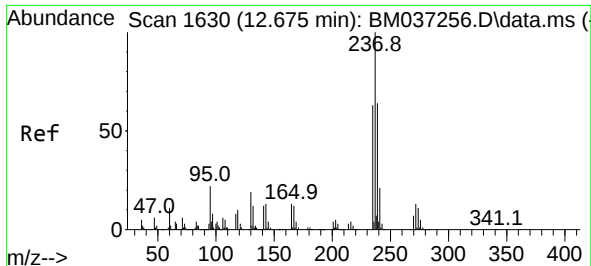
216 100

214 78.6 63.1 94.7

179 20.4 16.8 25.2

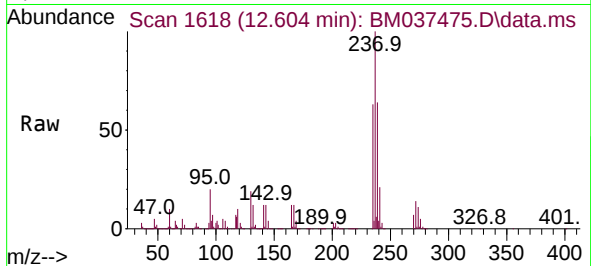
108 20.8 15.7 23.5





#41
Hexachlorocyclopentadiene
Concen: 144.776 ng
RT: 12.604 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

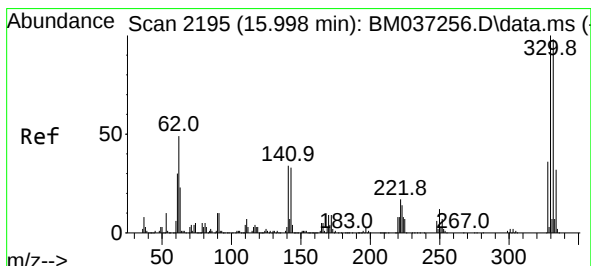
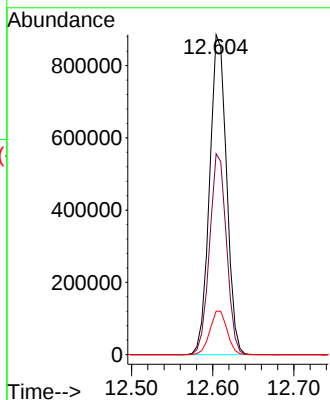
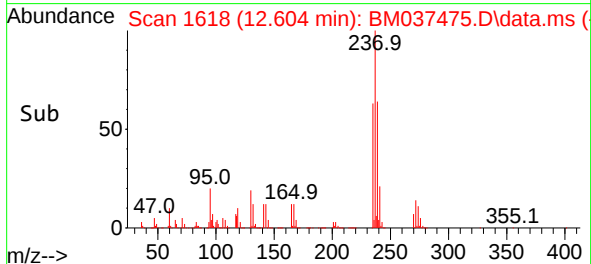
Instrument :
BNA_M
ClientSampleId :
2182MSD



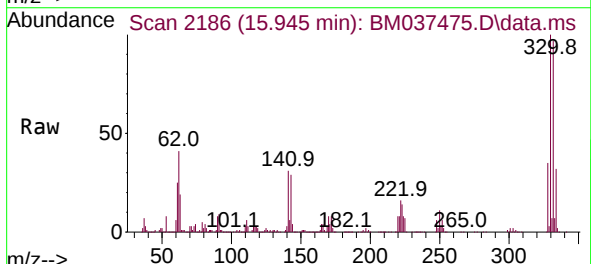
Tgt Ion:237 Resp: 1288189
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 13.6 0.0 33.1

Manual Integrations
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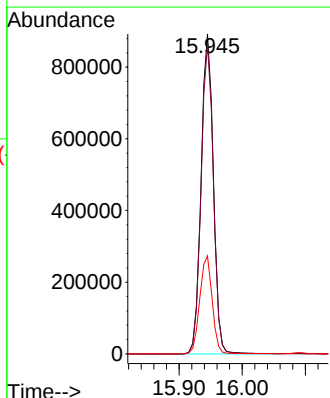
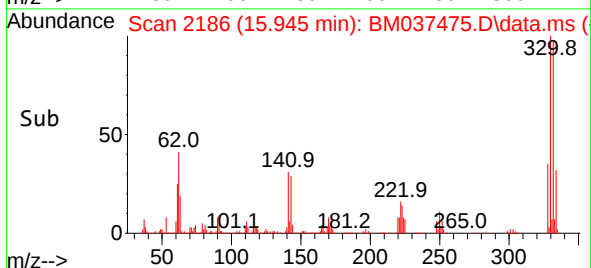
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

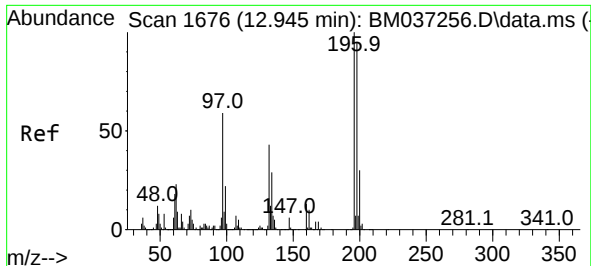


#42
2,4,6-Tribromophenol
Concen: 164.303 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



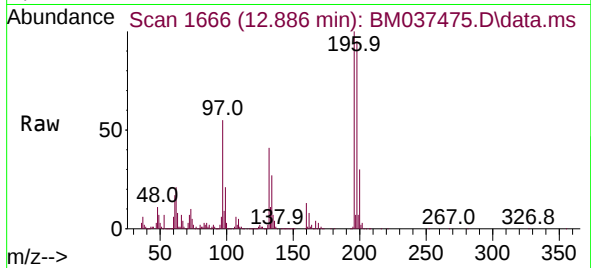
Tgt Ion:330 Resp: 1202645
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 31.1 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 51.864 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

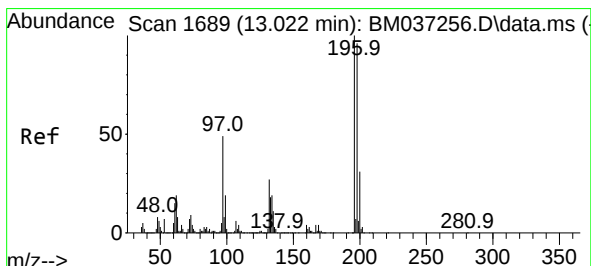
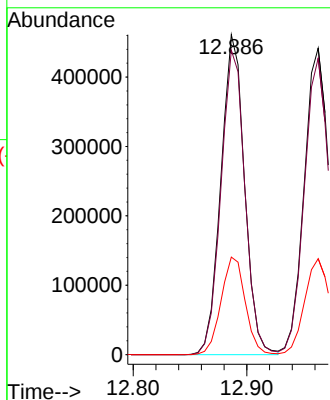
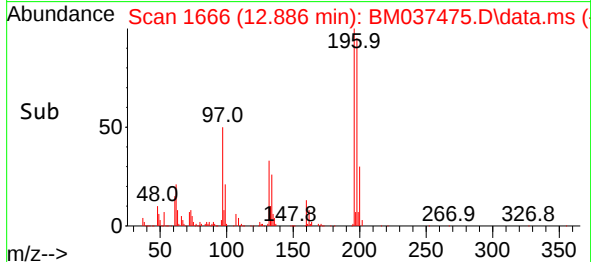
Instrument :
BNA_M
ClientSampleId :
2182MSD



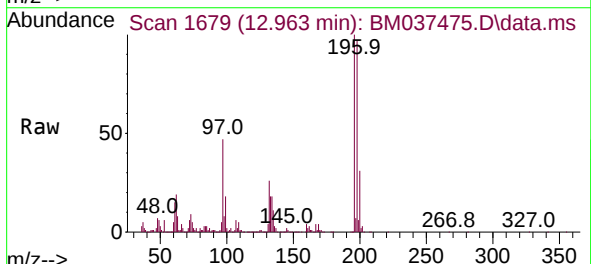
Tgt Ion:196 Resp: 666763
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
200 30.5 24.4 36.6

Manual Integrations
APPROVED

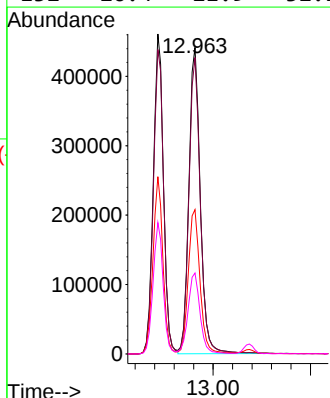
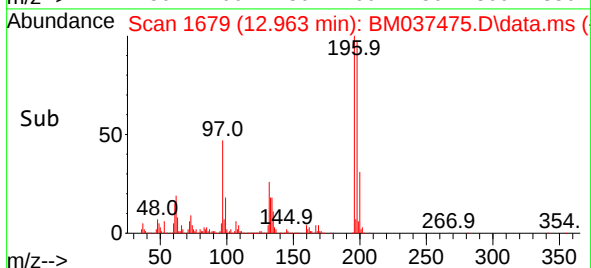
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

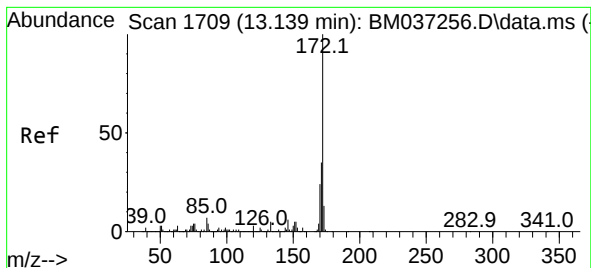


#44
2,4,5-Trichlorophenol
Concen: 50.587 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



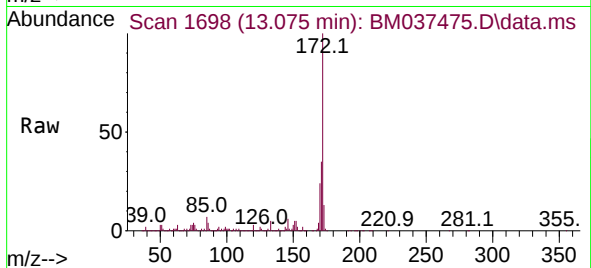
Tgt Ion:196 Resp: 717412
Ion Ratio Lower Upper
196 100
198 96.7 77.0 115.6
97 47.1 39.4 59.2
132 26.4 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 95.071 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

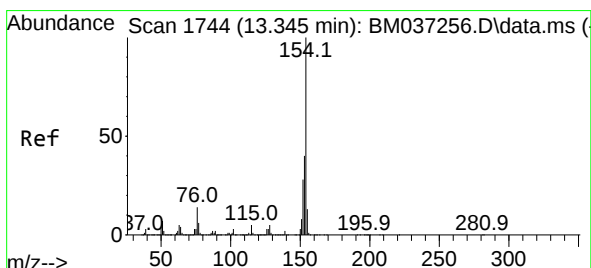
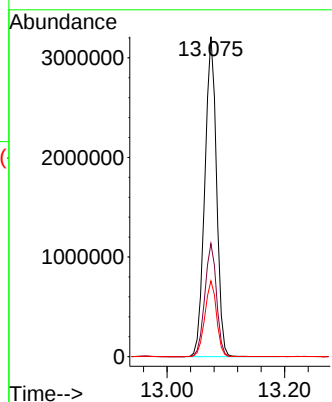
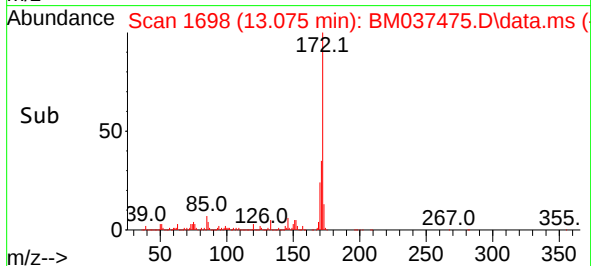
Instrument :
BNA_M
ClientSampleId :
2182MSD



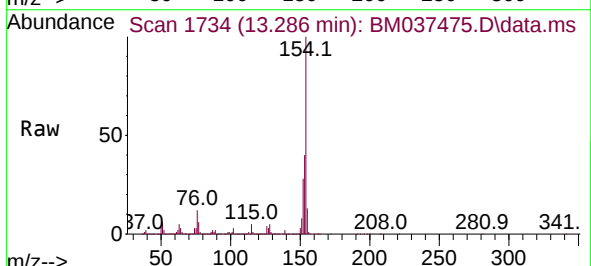
Tgt Ion:172 Resp: 444426
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.7 19.0 28.4

Manual Integrations
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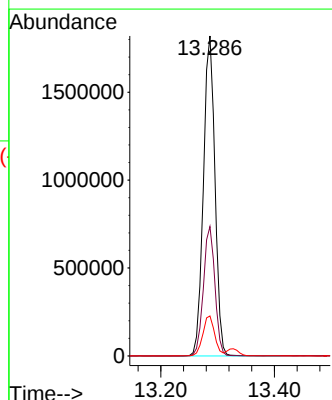
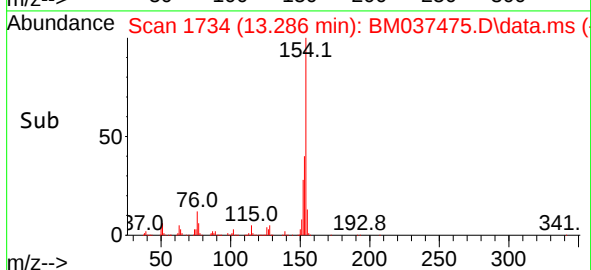
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

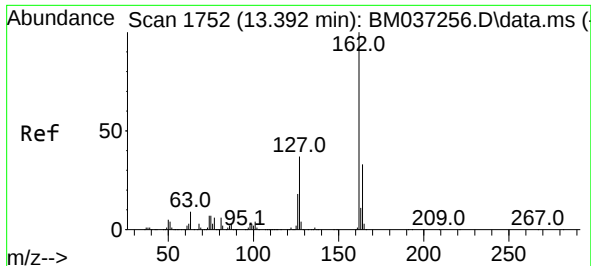


#46
1,1'-Biphenyl
Concen: 51.364 ng
RT: 13.286 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



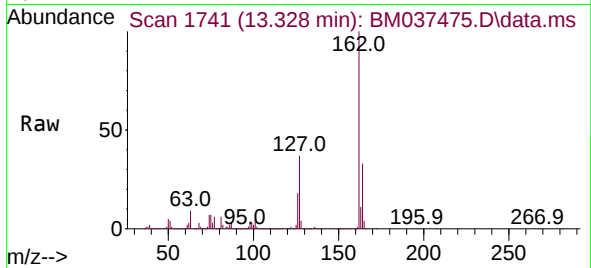
Tgt Ion:154 Resp: 2574536
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.5 0.0 33.7





#47
2-Chloronaphthalene
Concen: 49.939 ng
RT: 13.328 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

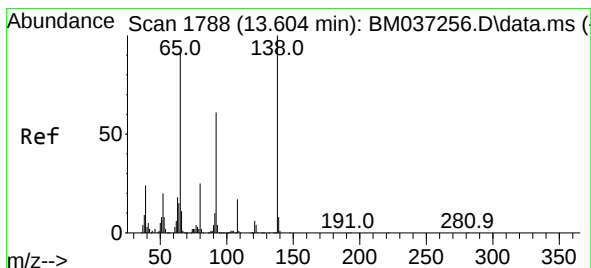
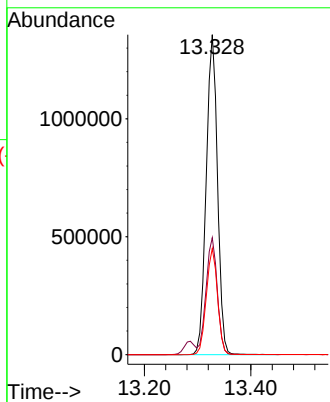
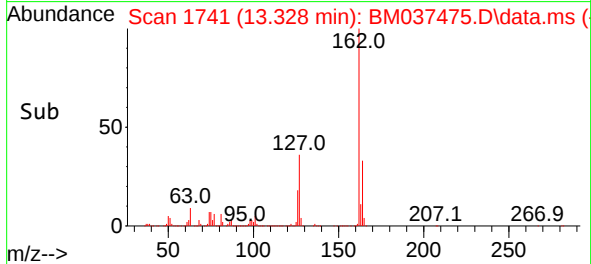
Instrument :
BNA_M
ClientSampleId :
2182MSD



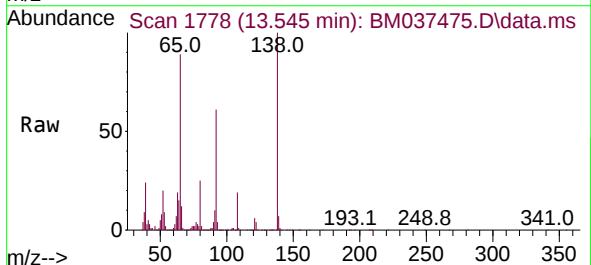
Tgt Ion:162 Resp: 1991936
Ion Ratio Lower Upper
162 100
127 36.5 29.5 44.3
164 33.2 26.3 39.5

Manual Integrations
APPROVED

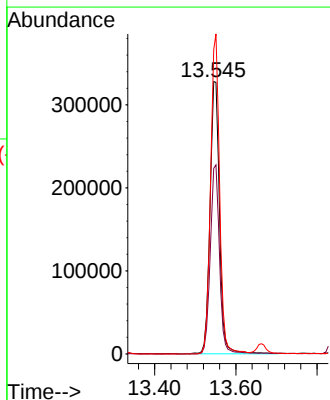
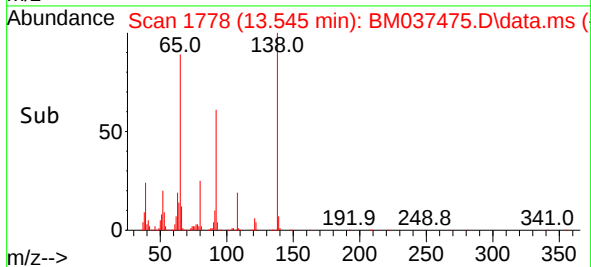
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

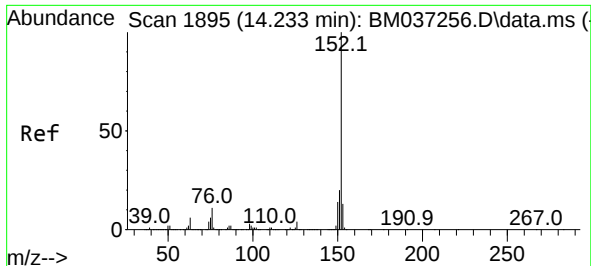


#48
2-Nitroaniline
Concen: 46.389 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



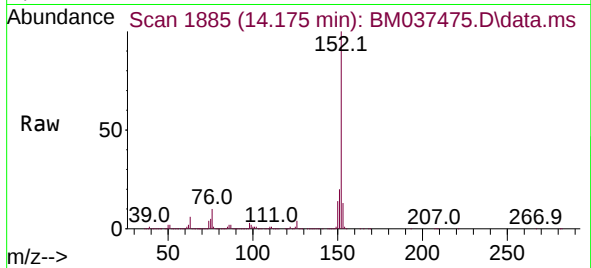
Tgt Ion: 65 Resp: 534716
Ion Ratio Lower Upper
65 100
92 68.2 53.7 80.5
138 111.8 87.4 131.2





#49
Acenaphthylene
Concen: 48.517 ng
RT: 14.175 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

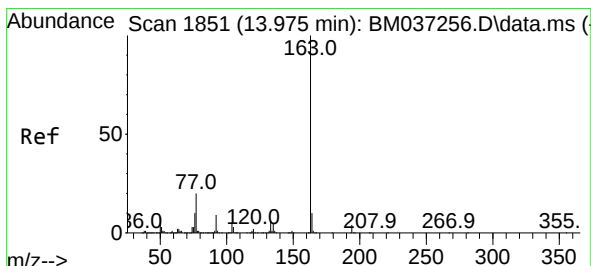
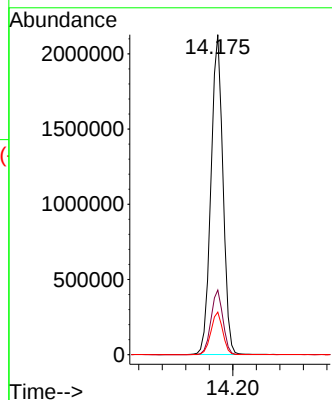
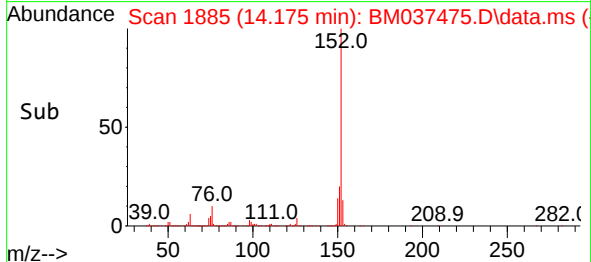
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:152 Resp: 300411
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.3 10.6 15.8

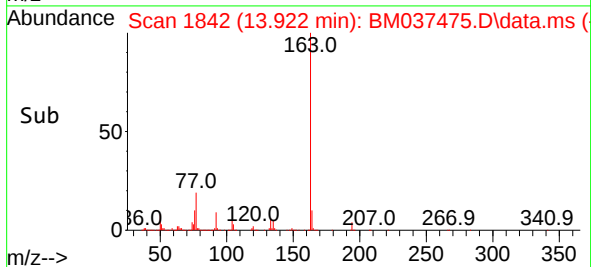
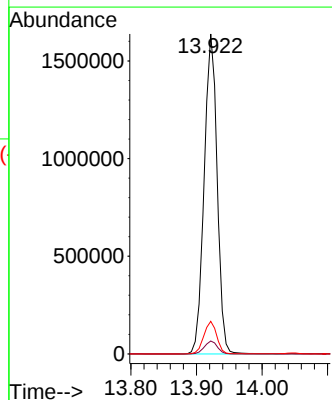
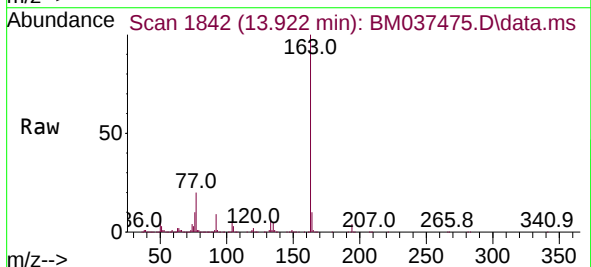
Manual Integrations
APPROVED

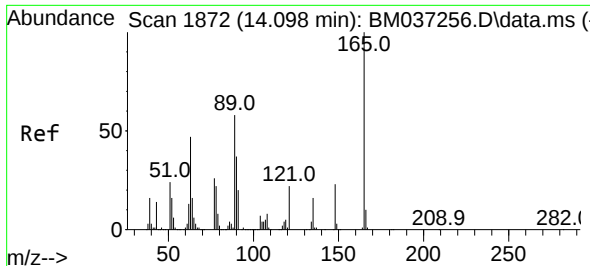
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#50
Dimethylphthalate
Concen: 47.207 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:163 Resp: 2239611
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.2 12.2





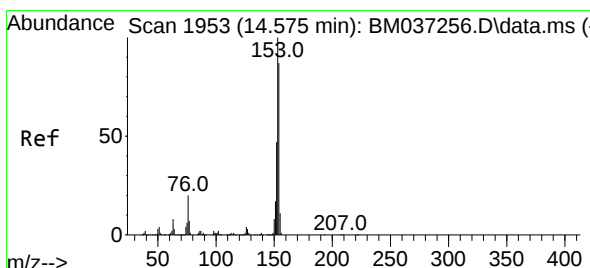
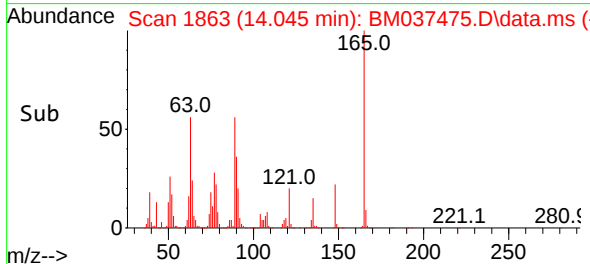
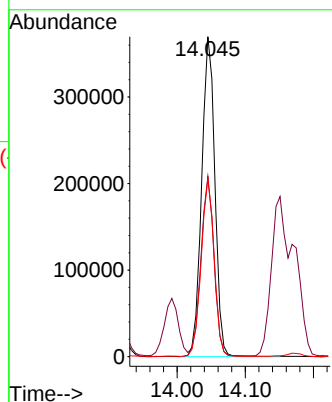
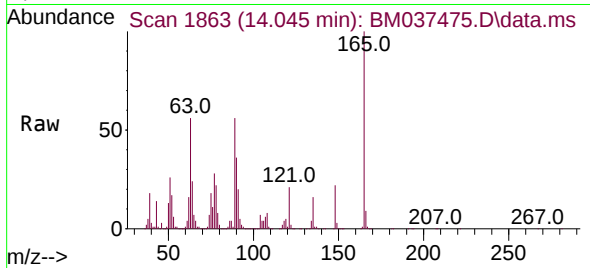
#51
2,6-Dinitrotoluene
Concen: 49.581 ng
RT: 14.045 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Instrument :
BNA_M
ClientSampleId :
2182MSD

Tgt Ion:165 Resp: 498128
Ion Ratio Lower Upper
165 100
63 56.3 46.2 69.2
89 55.6 46.6 69.8

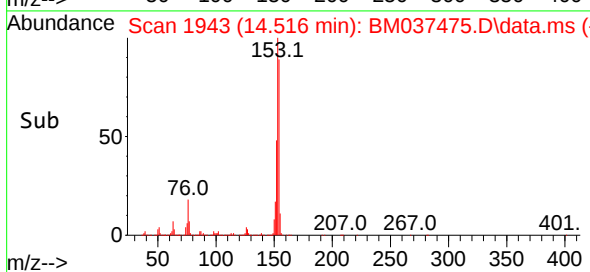
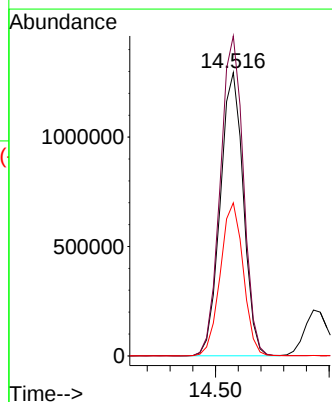
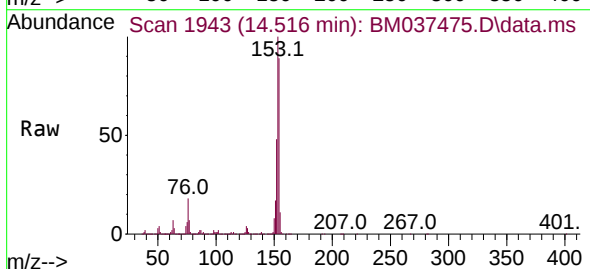
Manual Integrations
APPROVED

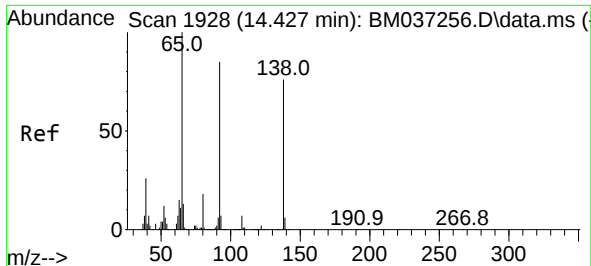
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#52
Acenaphthene
Concen: 47.668 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

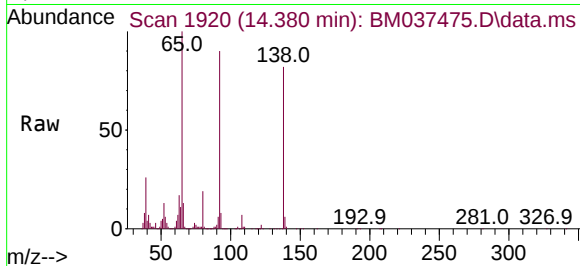
Tgt Ion:154 Resp: 1824711
Ion Ratio Lower Upper
154 100
153 113.0 91.5 137.3
152 54.0 43.0 64.6





#53
3-Nitroaniline
Concen: 23.734 ng
RT: 14.380 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

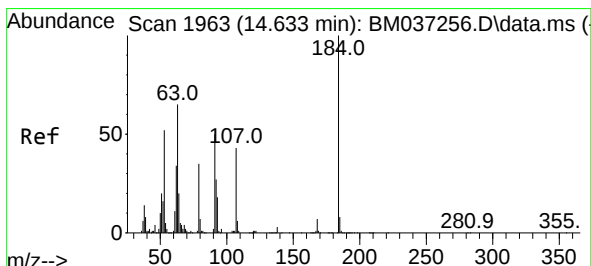
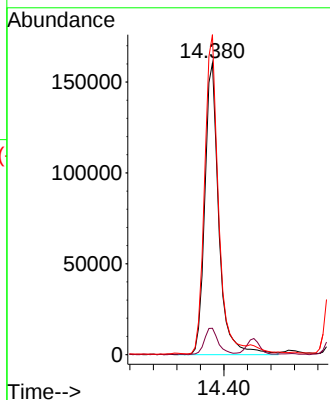
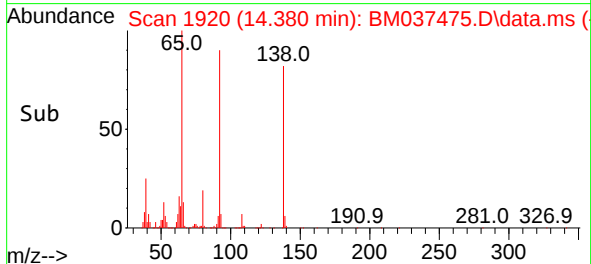
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:138 Resp: 26638
Ion Ratio Lower Upper
138 100
108 9.0 7.3 10.9
92 109.8 89.8 134.8

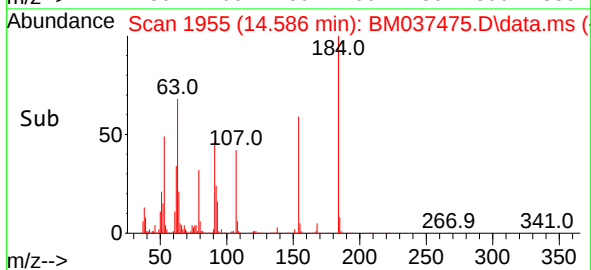
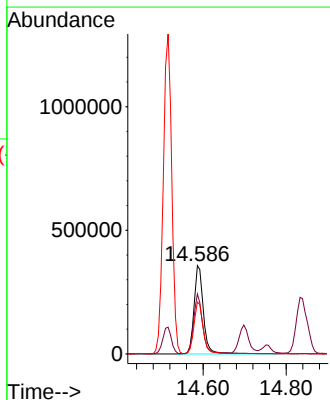
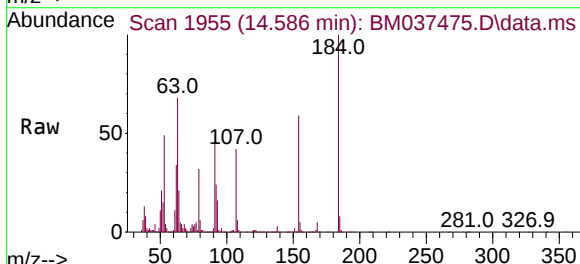
Manual Integrations
APPROVED

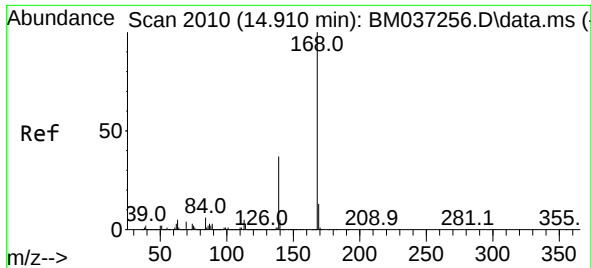
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#54
2,4-Dinitrophenol
Concen: 83.742 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

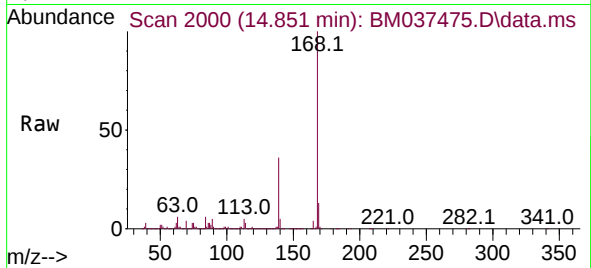
Tgt Ion:184 Resp: 556145
Ion Ratio Lower Upper
184 100
63 67.8 57.7 86.5
154 58.7 48.3 72.5





#55
Dibenzenofuran
Concen: 47.887 ng
RT: 14.851 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

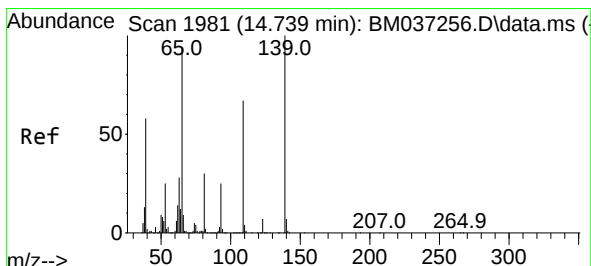
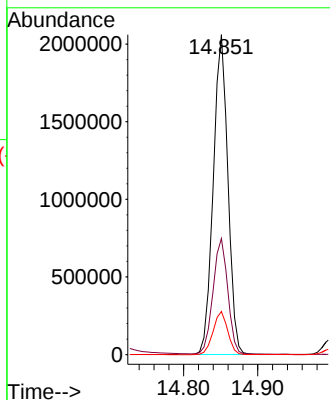
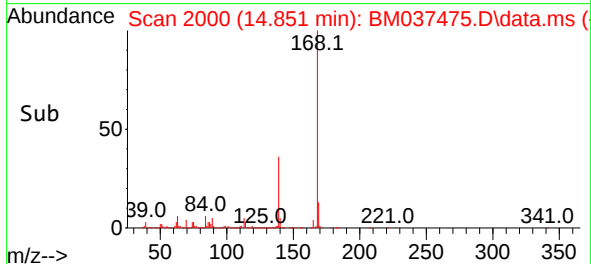
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:168 Resp: 2823376
Ion Ratio Lower Upper
168 100
139 36.3 29.3 43.9
169 13.5 10.6 16.0

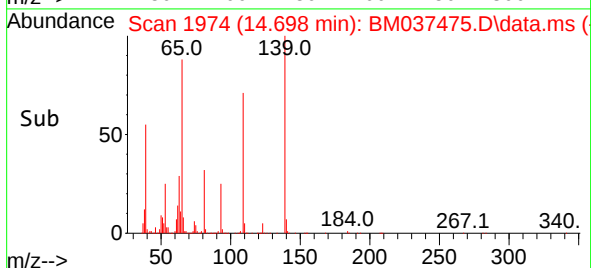
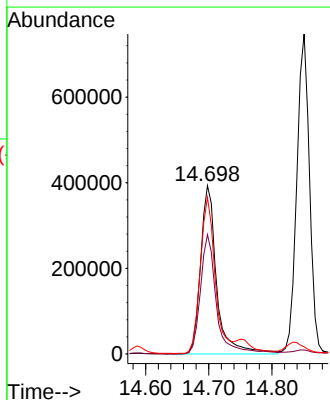
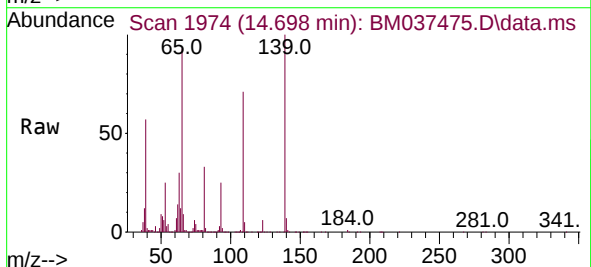
Manual Integrations
APPROVED

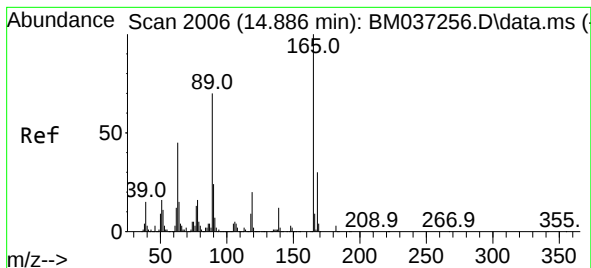
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#56
4-Nitrophenol
Concen: 77.616 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

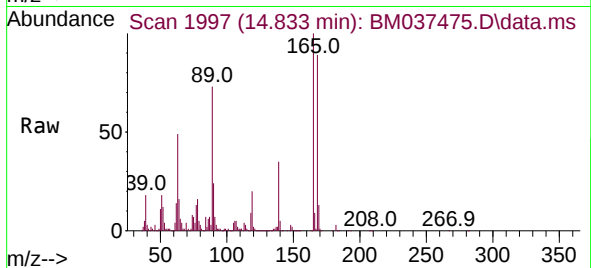
Tgt Ion:139 Resp: 694979
Ion Ratio Lower Upper
139 100
109 70.9 47.4 87.4
65 93.0 73.8 113.8





#57
2,4-Dinitrotoluene
Concen: 49.427 ng
RT: 14.833 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

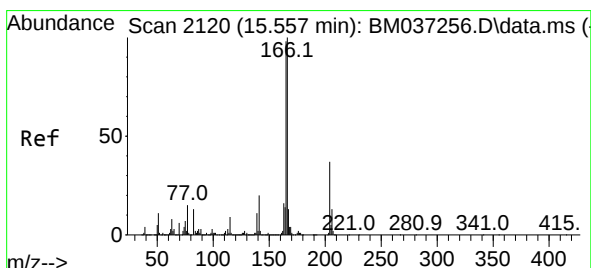
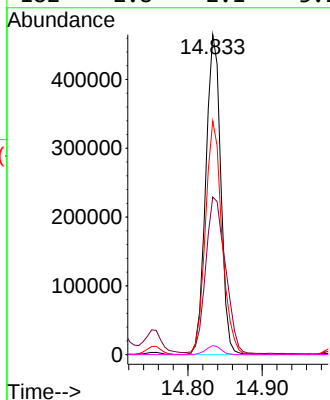
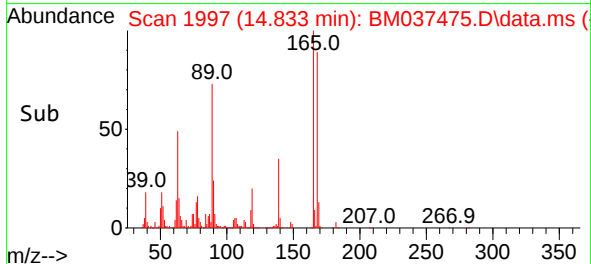
Instrument :
BNA_M
ClientSampleId :
2182MSD



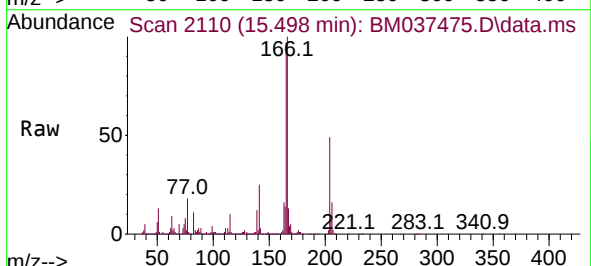
Tgt Ion:165 Resp: 65344
Ion Ratio Lower Upper
165 100
63 49.2 36.3 54.5
89 73.0 56.3 84.5
182 2.8 2.1 3.1

Manual Integrations
APPROVED

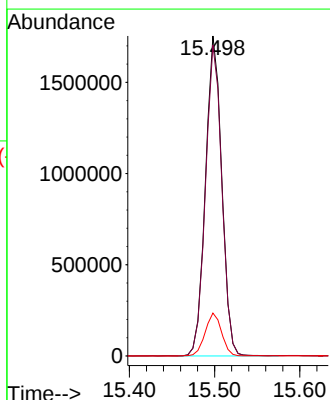
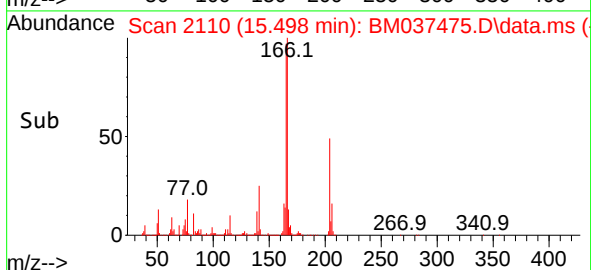
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

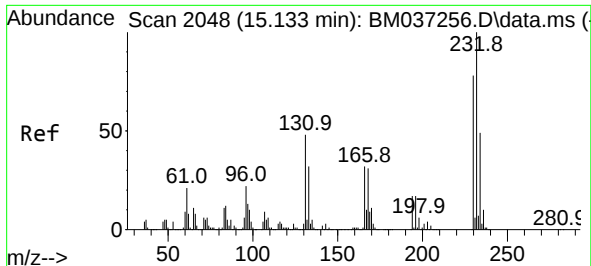


#58
Fluorene
Concen: 47.331 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04



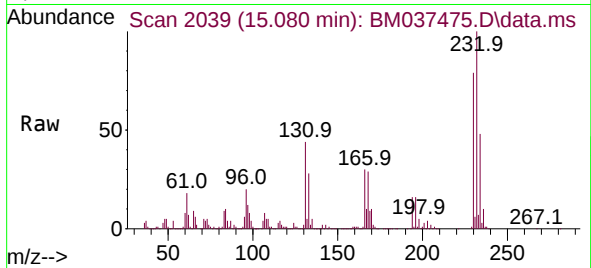
Tgt Ion:166 Resp: 2329307
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.4
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.773 ng
RT: 15.080 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

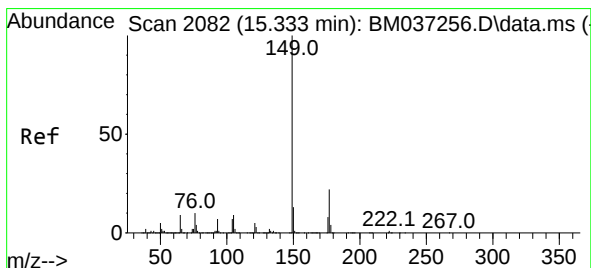
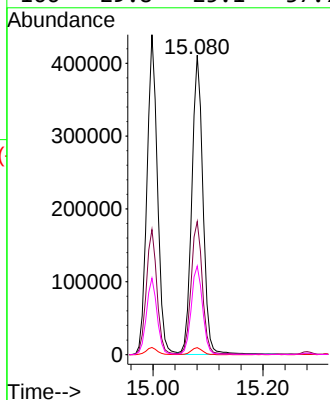
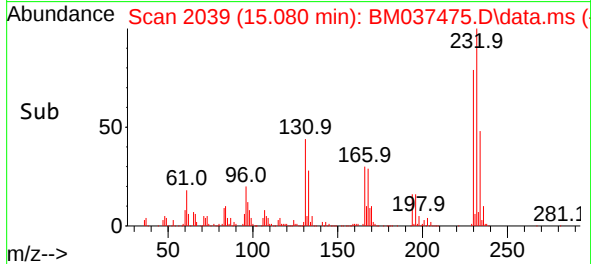
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:232 Resp: 579749
Ion Ratio Lower Upper
232 100
131 44.9 37.8 56.8
130 2.3 1.9 2.9
166 29.8 25.1 37.7

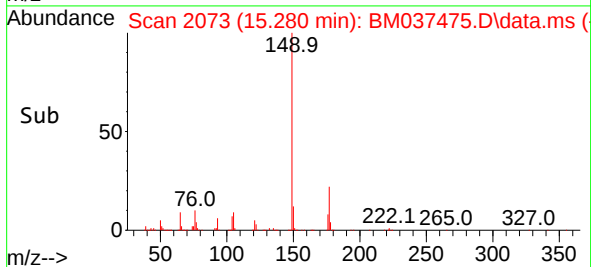
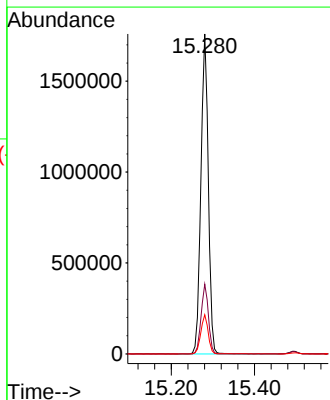
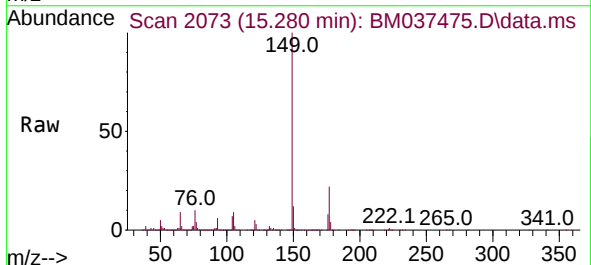
Manual Integrations
APPROVED

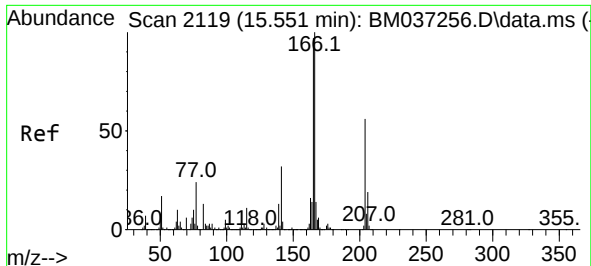
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#60
Diethylphthalate
Concen: 47.223 ng
RT: 15.280 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

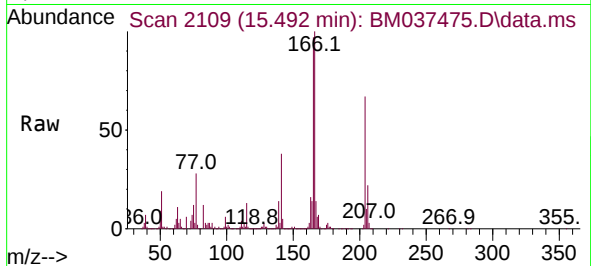
Tgt Ion:149 Resp: 2177466
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 50.279 ng
RT: 15.492 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

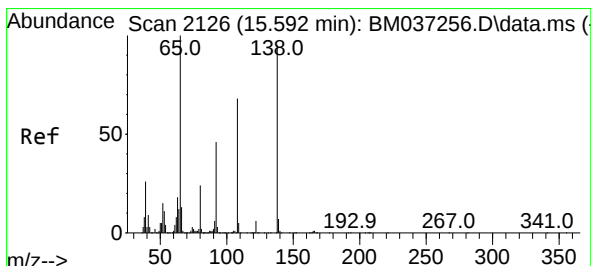
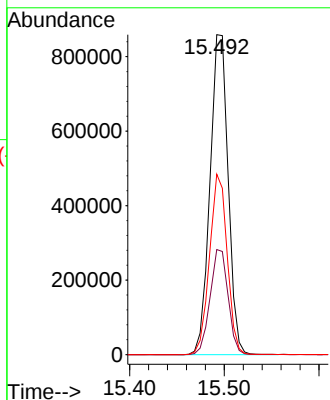
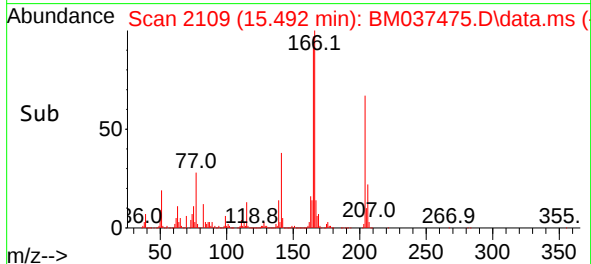
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:204 Resp: 1144768
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 56.4 45.2 67.8

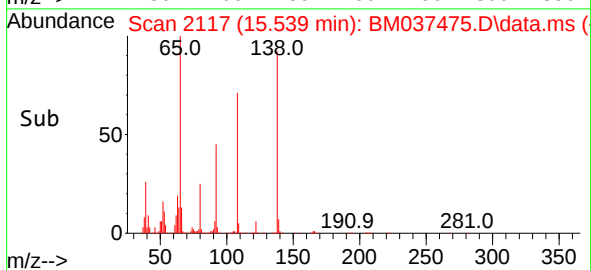
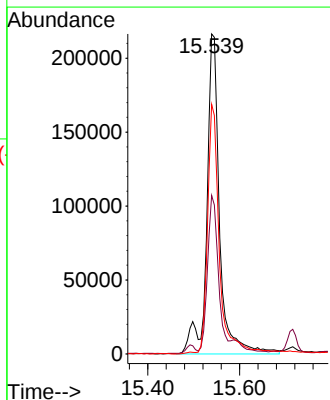
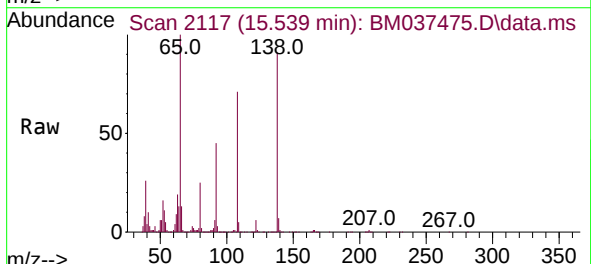
Manual Integrations
APPROVED

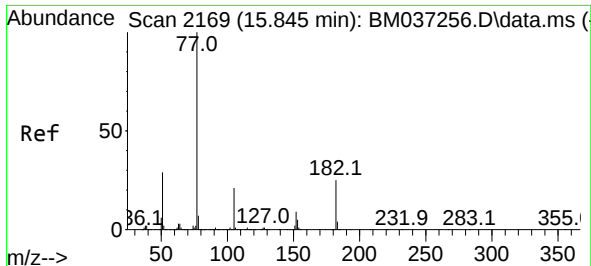
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#62
4-Nitroaniline
Concen: 37.474 ng m
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

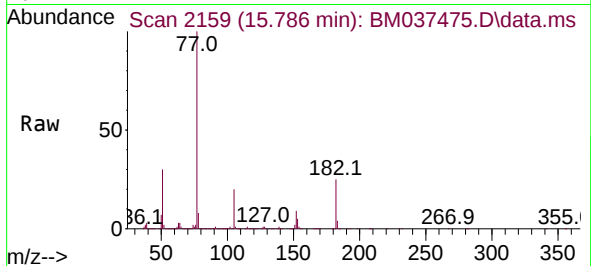
Tgt Ion:138 Resp: 421839
Ion Ratio Lower Upper
138 100
92 49.5 28.1 68.1
108 78.0 51.3 91.3





#63
Azobenzene
Concen: 45.756 ng
RT: 15.786 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

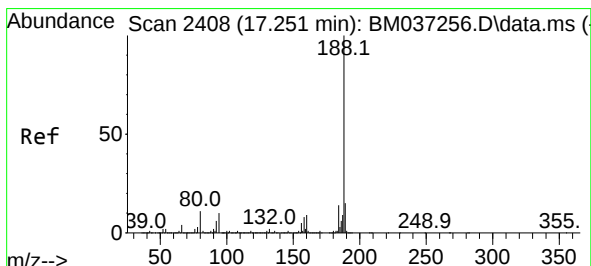
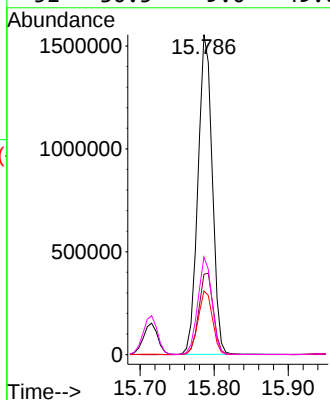
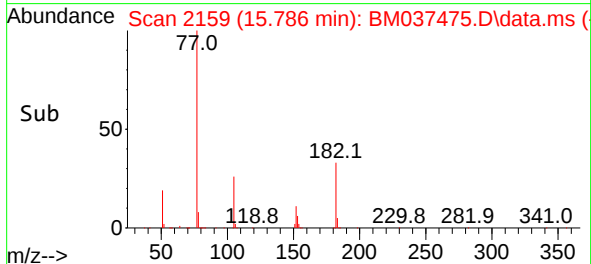
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion: 77 Resp: 207847
Ion Ratio Lower Upper
77 100
182 25.1 5.1 45.1
105 19.9 0.5 40.5
51 30.5 9.0 49.0

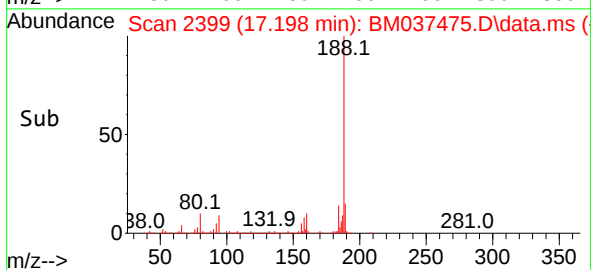
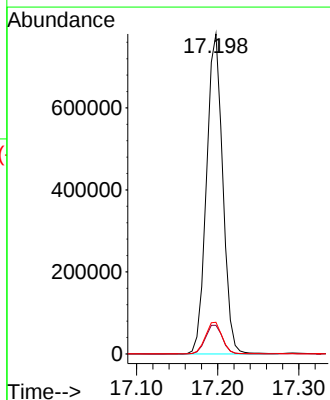
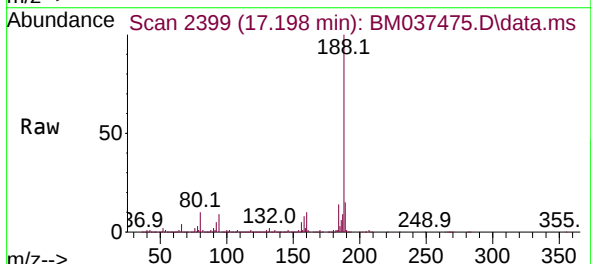
Manual Integrations
APPROVED

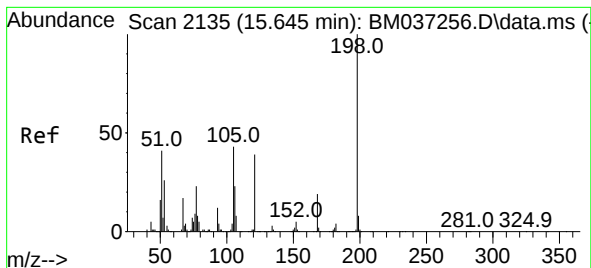
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

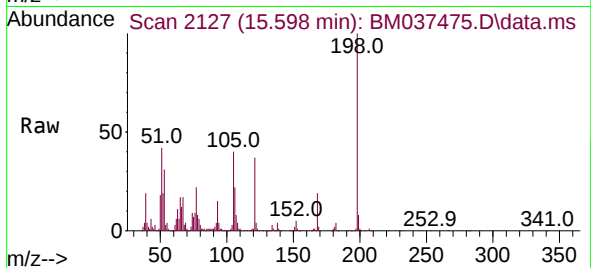
Tgt Ion:188 Resp: 1086368
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.9 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 42.930 ng
RT: 15.598 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

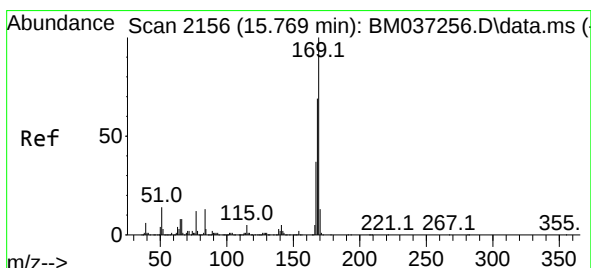
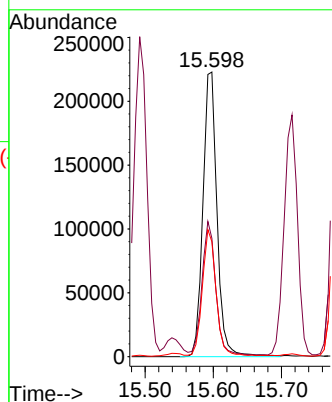
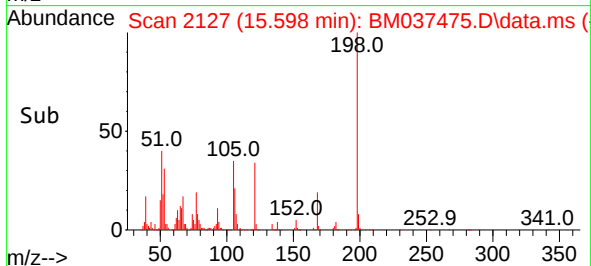
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:198 Resp: 320878
Ion Ratio Lower Upper
198 100
51 41.6 26.8 66.8
105 40.4 24.1 64.1

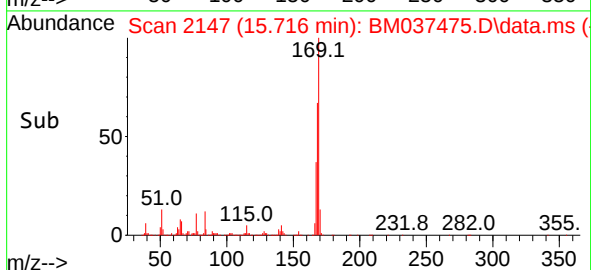
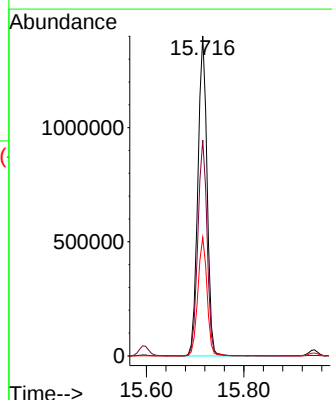
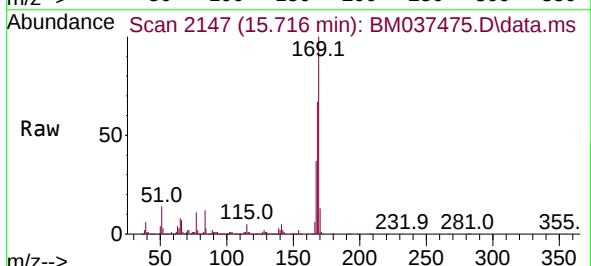
Manual Integrations
APPROVED

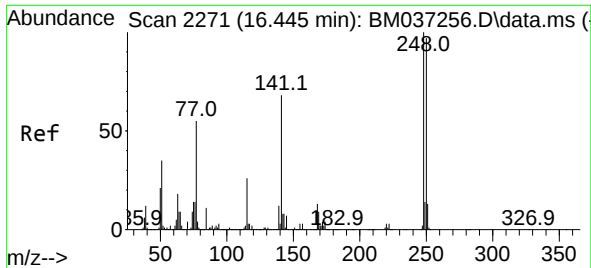
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#66
n-Nitrosodiphenylamine
Concen: 49.577 ng
RT: 15.716 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

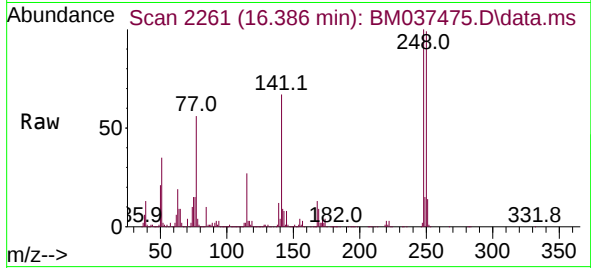
Tgt Ion:169 Resp: 1820491
Ion Ratio Lower Upper
169 100
168 67.4 54.8 82.2
167 37.0 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 54.792 ng
RT: 16.386 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

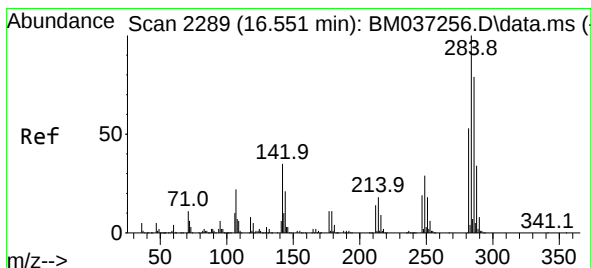
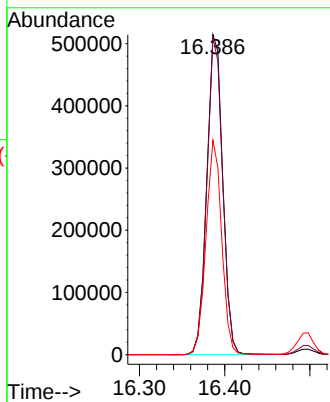
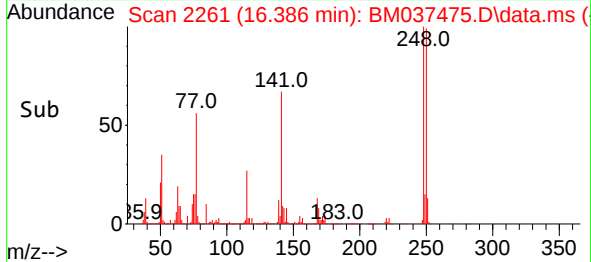
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:248 Resp: 667974
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.6
141 67.0 54.2 81.2

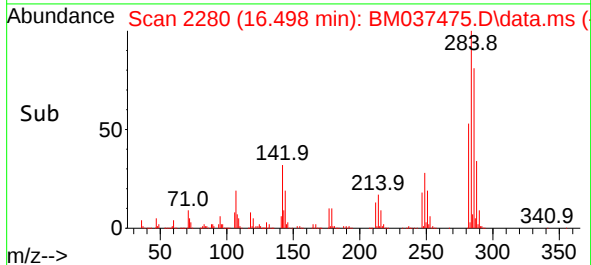
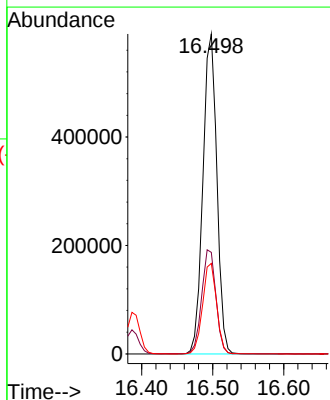
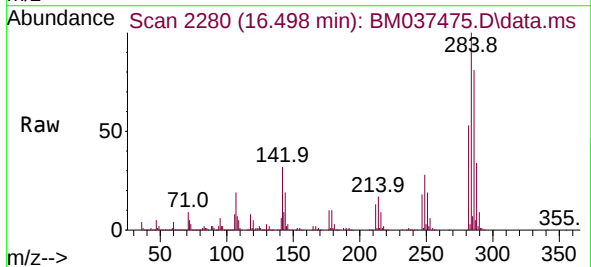
Manual Integrations
APPROVED

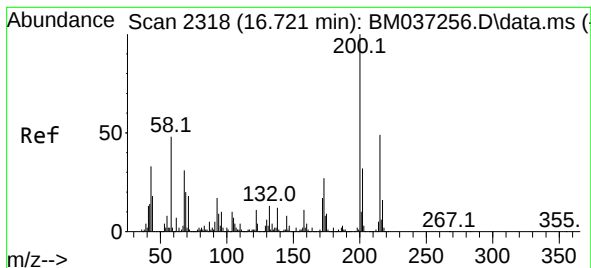
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#68
Hexachlorobenzene
Concen: 54.252 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

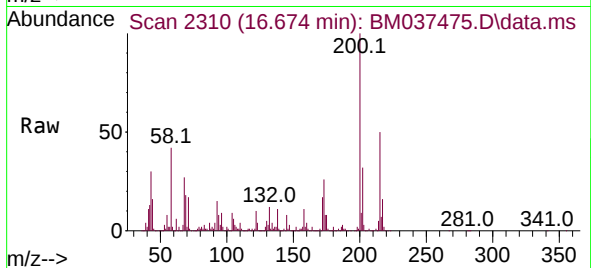
Tgt Ion:284 Resp: 800407
Ion Ratio Lower Upper
284 100
142 31.7 28.2 42.4
249 28.3 23.1 34.7





#69
 Atrazine
 Concen: 63.017 ng
 RT: 16.674 min Scan# 2318
 Delta R.T. 0.000 min
 Lab File: BM037475.D
 Acq: 11 Nov 2022 20:04

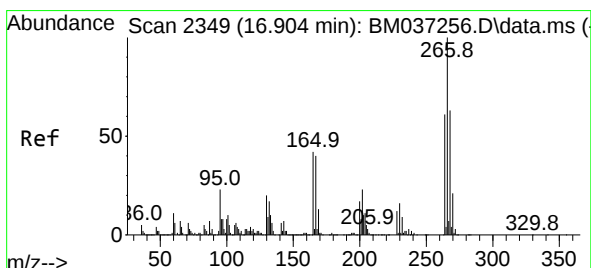
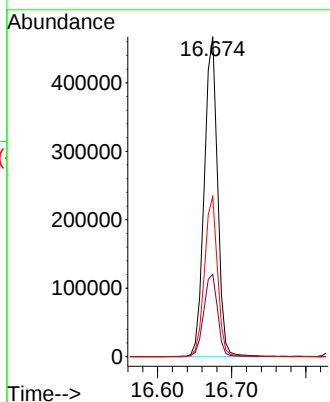
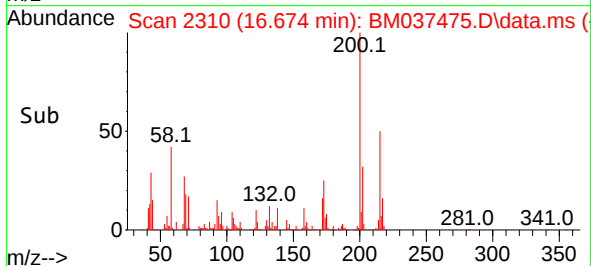
Instrument :
 BNA_M
 ClientSampleId :
 2182MSD



Tgt Ion:200 Resp: 582229
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.8 46.8
 215 50.0 28.5 68.5

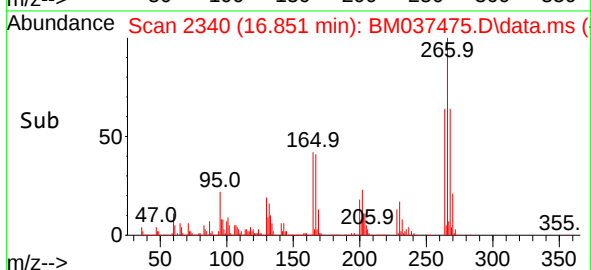
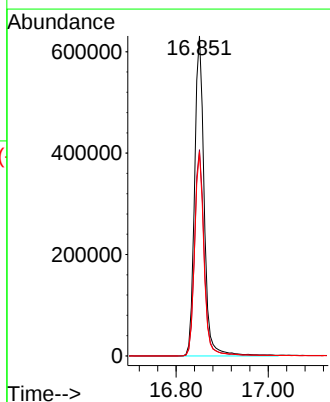
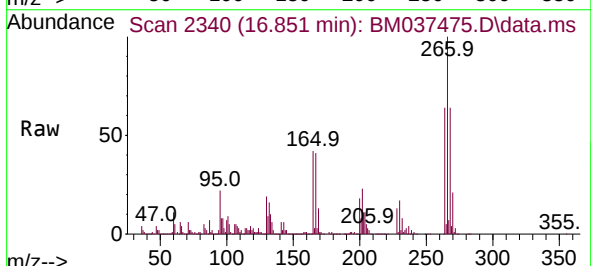
Manual Integrations
 APPROVED

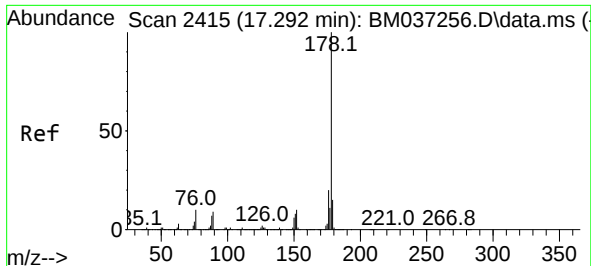
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022



#70
 Pentachlorophenol
 Concen: 105.692 ng
 RT: 16.851 min Scan# 2340
 Delta R.T. 0.000 min
 Lab File: BM037475.D
 Acq: 11 Nov 2022 20:04

Tgt Ion:266 Resp: 907352
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.7 76.1
 264 63.8 49.1 73.7





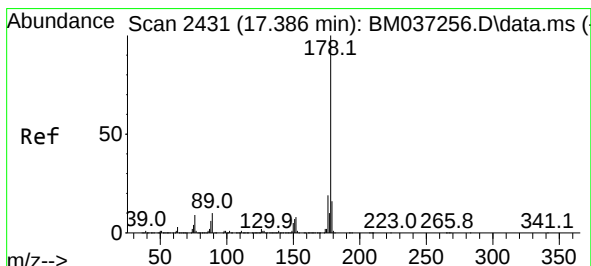
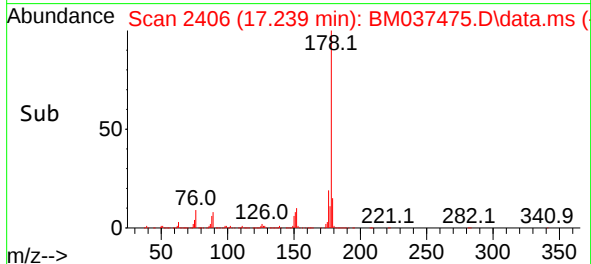
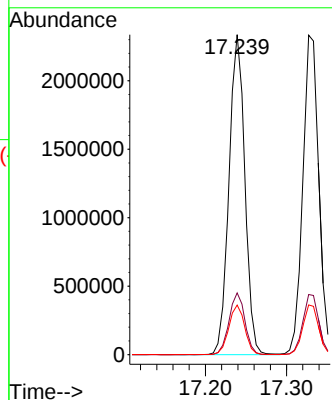
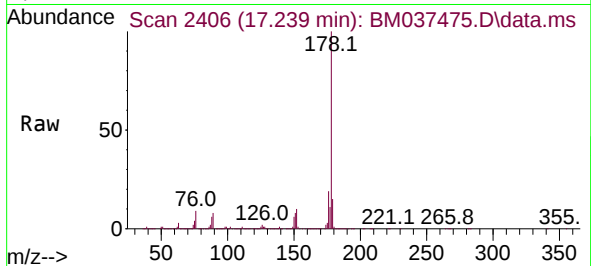
#71
Phenanthrene
Concen: 47.050 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Instrument :
BNA_M
ClientSampleId :
2182MSD

Tgt Ion:178 Resp: 3171133
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.4 18.6

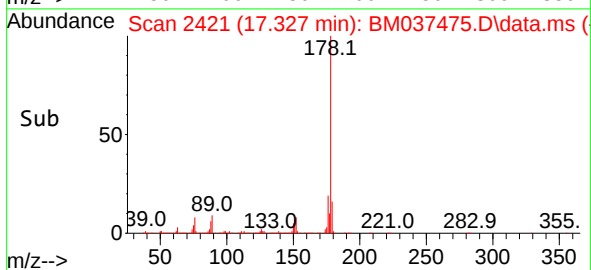
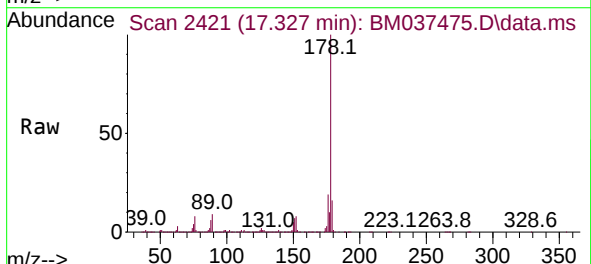
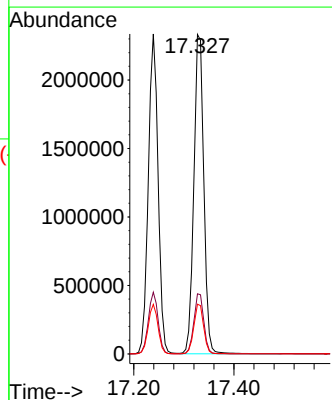
Manual Integrations
APPROVED

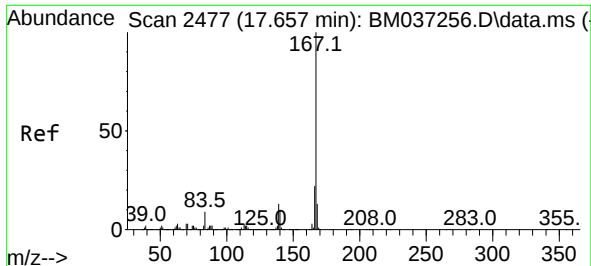
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#72
Anthracene
Concen: 50.241 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

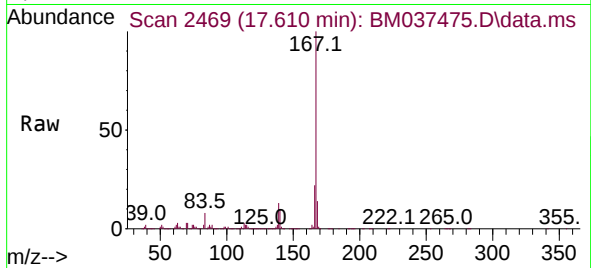
Tgt Ion:178 Resp: 3205730
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 46.737 ng
 RT: 17.610 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM037475.D
 Acq: 11 Nov 2022 20:04

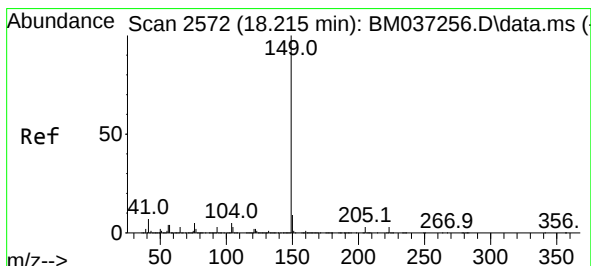
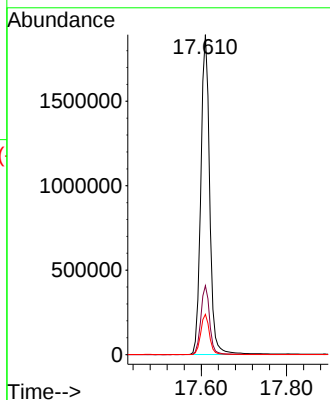
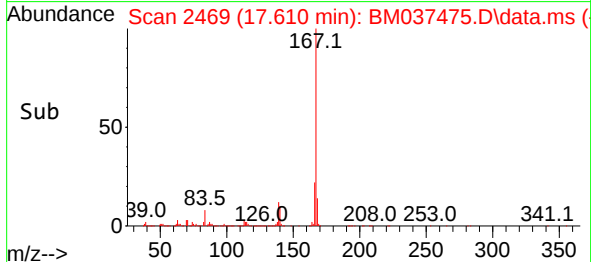
Instrument :
 BNA_M
 ClientSampleId :
 2182MSD



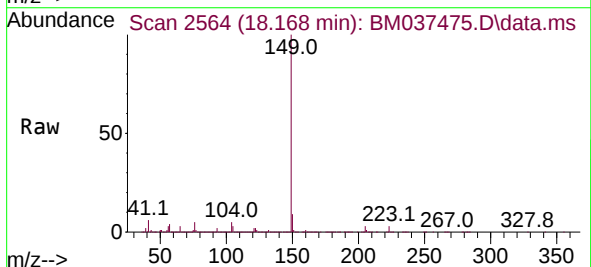
Tgt Ion:167 Resp: 2735475
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 12.6 10.4 15.6

Manual Integrations
 APPROVED

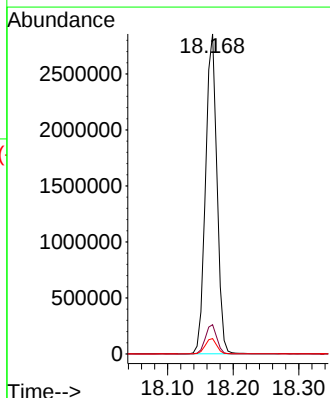
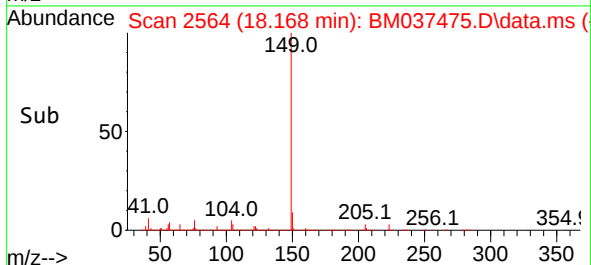
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

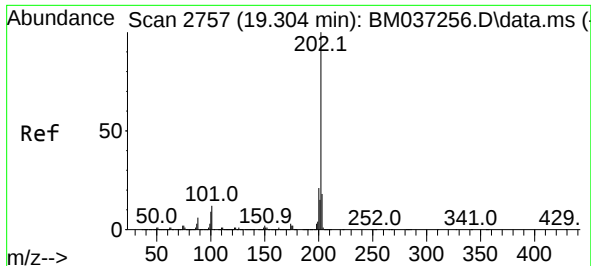


#74
 Di-n-butylphthalate
 Concen: 53.030 ng
 RT: 18.168 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BM037475.D
 Acq: 11 Nov 2022 20:04



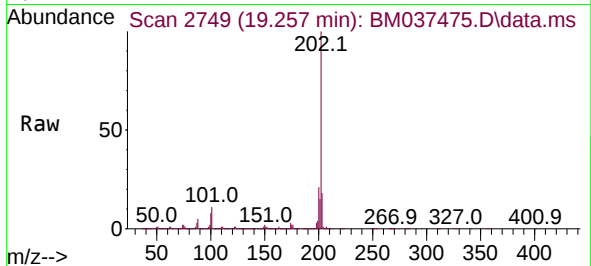
Tgt Ion:149 Resp: 3427250
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 45.733 ng
RT: 19.257 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

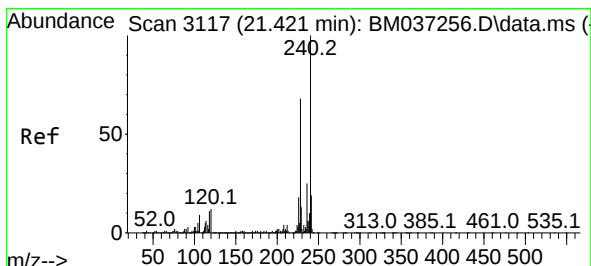
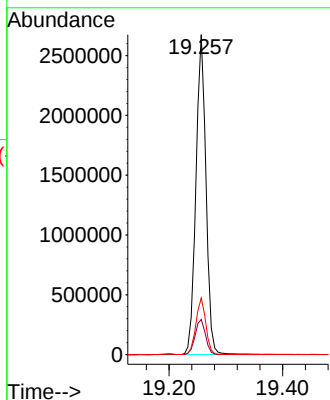
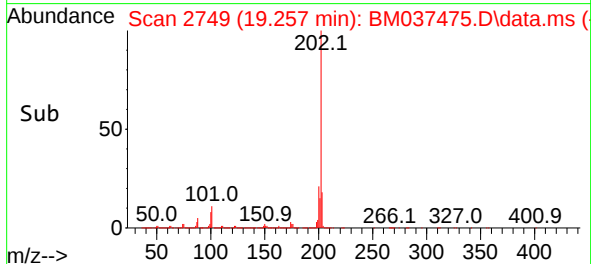
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:202 Resp: 3258303
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.4
203 17.7 0.0 37.8

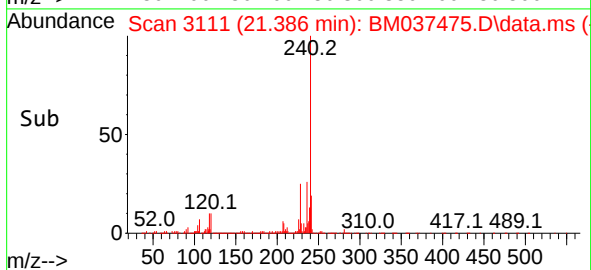
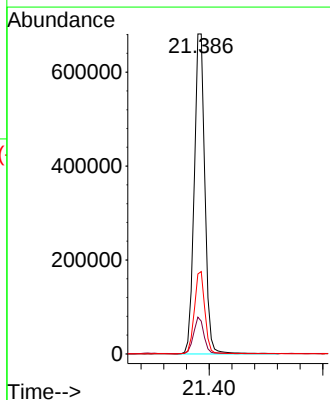
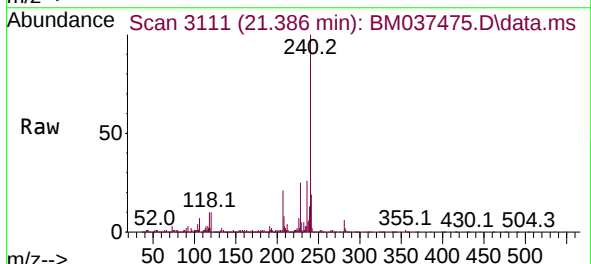
Manual Integrations
APPROVED

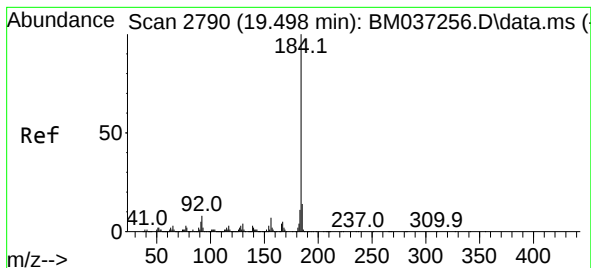
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:240 Resp: 880982
Ion Ratio Lower Upper
240 100
120 10.2 9.9 14.9
236 25.7 20.3 30.5





#77

Benzidine

Concen: 14.967 ng

RT: 19.462 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

Instrument :

BNA_M

ClientSampleId :

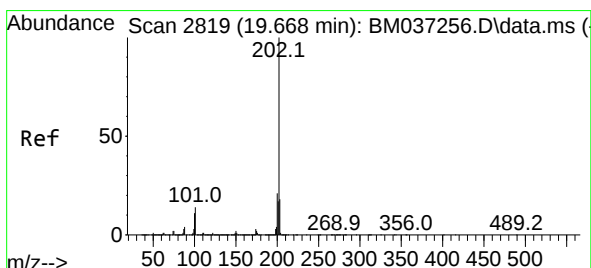
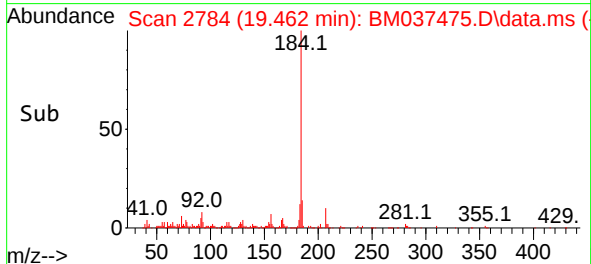
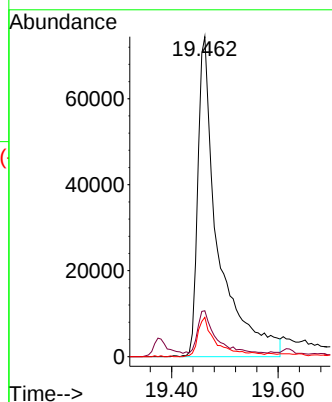
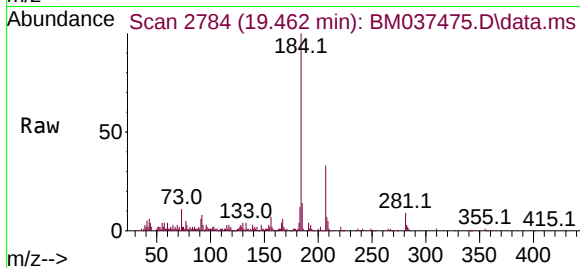
2182MSD

Tgt Ion:184	Resp: 196615
Ion Ratio	Lower Upper
184	100
185	14.4 11.3 16.9
183	12.3 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#78

Pyrene

Concen: 50.026 ng

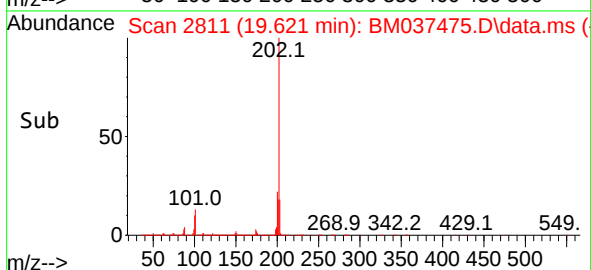
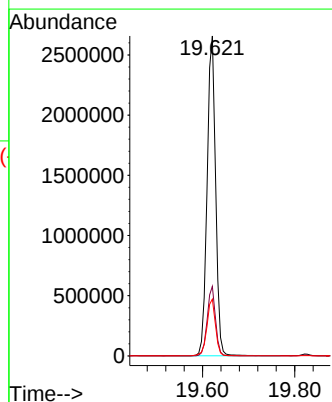
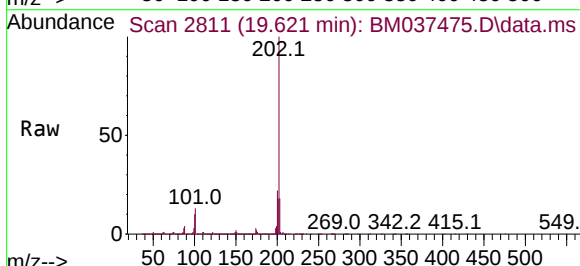
RT: 19.621 min Scan# 2811

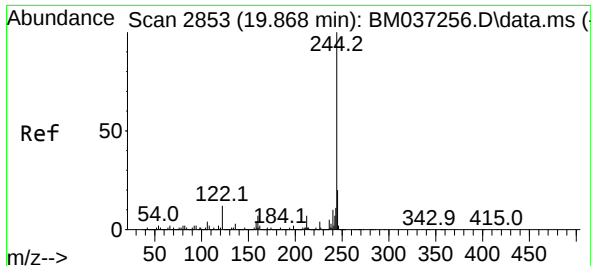
Delta R.T. 0.000 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

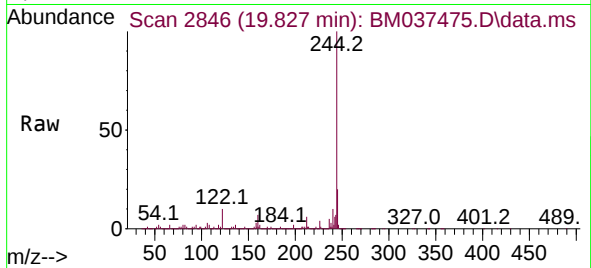
Tgt Ion:202	Resp: 3388981
Ion Ratio	Lower Upper
202	100
200	21.7 17.0 25.6
203	17.7 14.1 21.1





#79
Terphenyl-d14
Concen: 104.996 ng
RT: 19.827 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

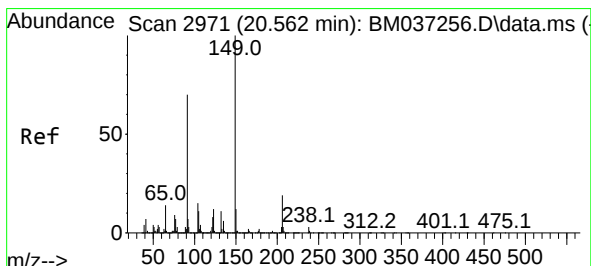
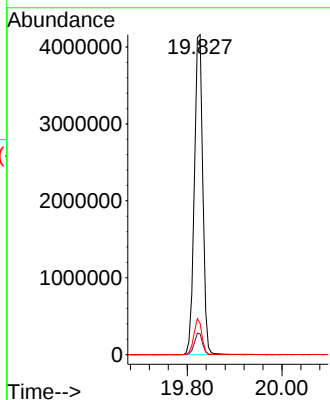
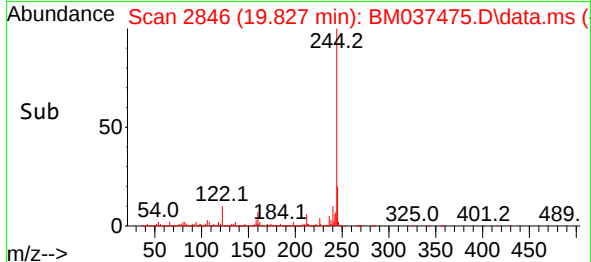
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:244 Resp: 515816
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 9.7 9.4 14.2

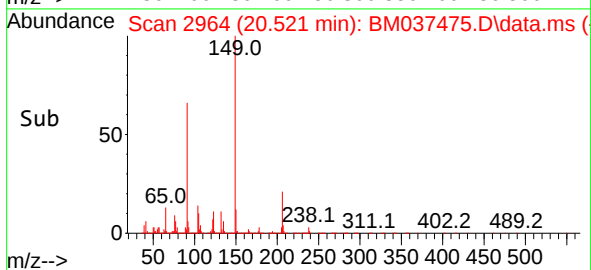
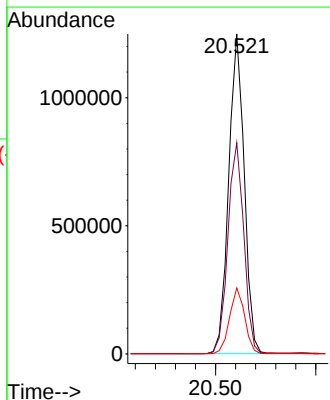
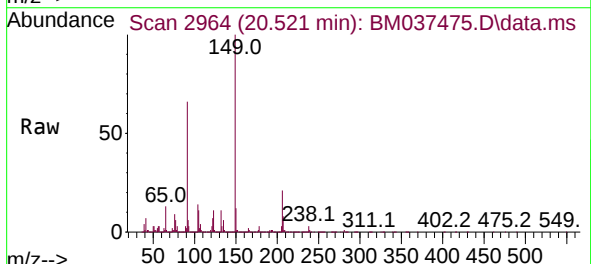
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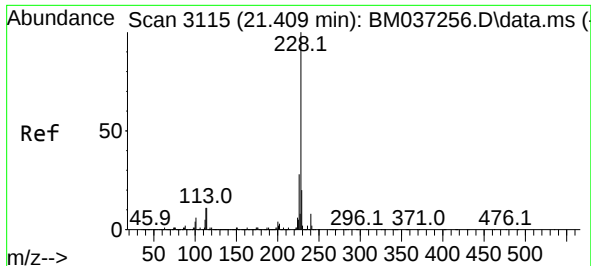
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#80
Butylbenzylphthalate
Concen: 55.727 ng
RT: 20.521 min Scan# 2964
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:149 Resp: 1348222
Ion Ratio Lower Upper
149 100
91 66.0 56.2 84.4
206 20.6 15.4 23.0





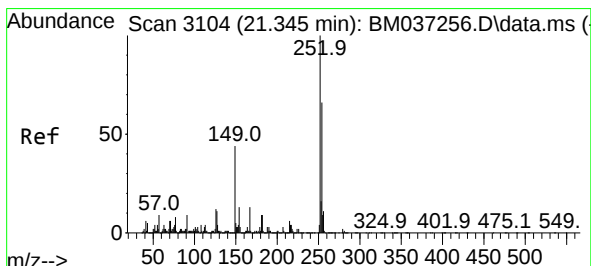
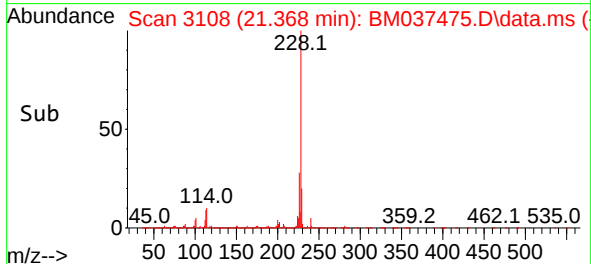
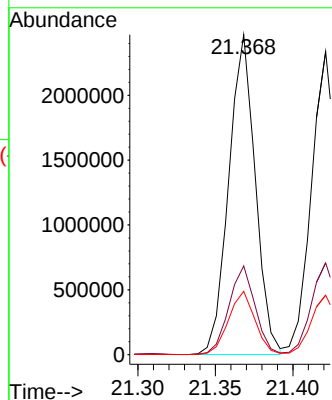
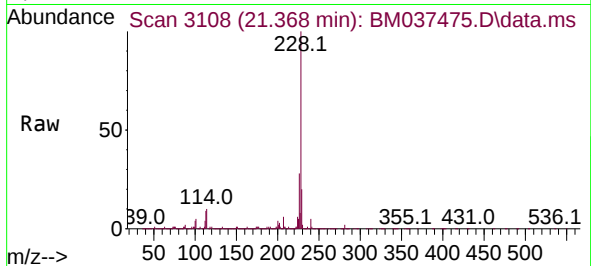
#81
Benzo(a)anthracene
Concen: 46.824 ng
RT: 21.368 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Instrument :
BNA_M
ClientSampleId :
2182MSD

Tgt Ion:228 Resp: 2936782
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.8 16.2 24.2

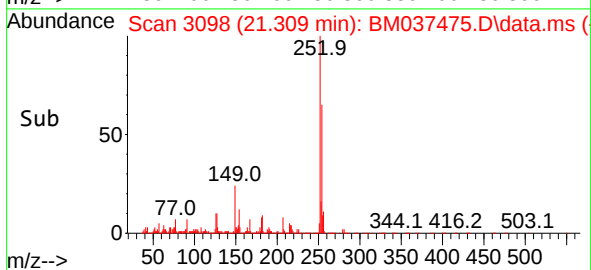
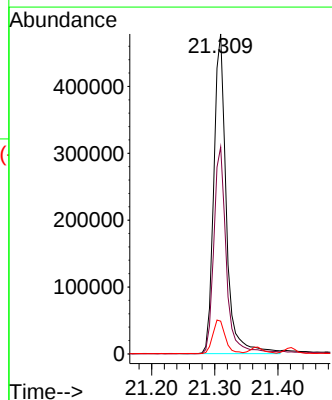
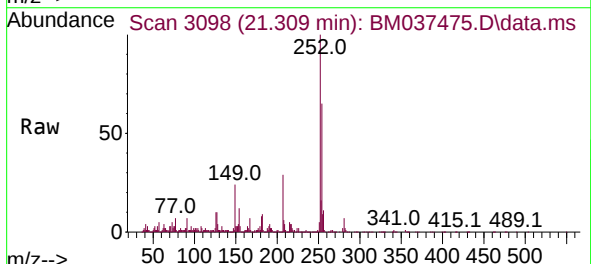
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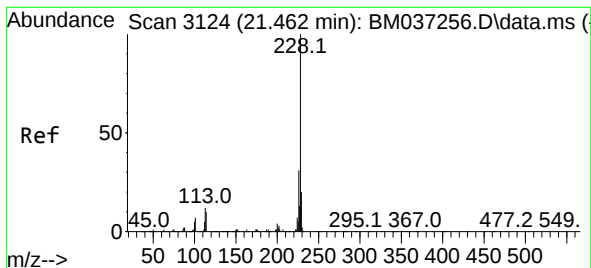
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 35.774 ng
RT: 21.309 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:252 Resp: 659009
Ion Ratio Lower Upper
252 100
254 64.7 52.7 79.1
126 10.2 9.8 14.6





#83

Chrysene

Concen: 45.828 ng

RT: 21.421 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

Instrument :

BNA_M

ClientSampleId :

2182MSD

Tgt Ion:228 Resp: 2769245

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

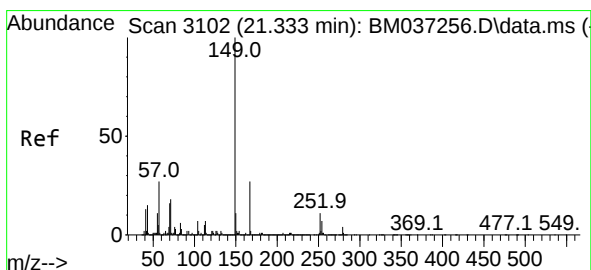
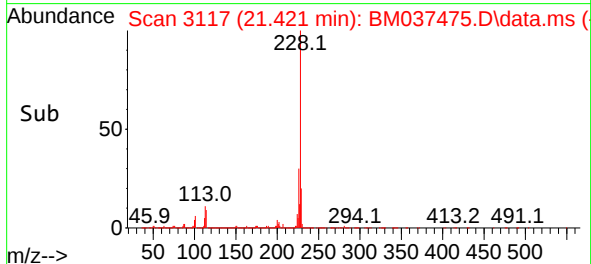
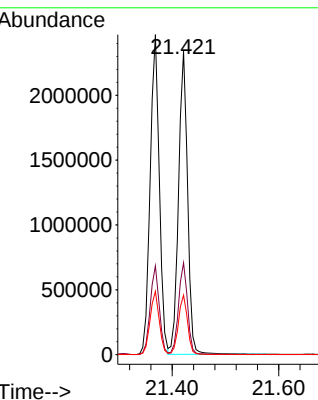
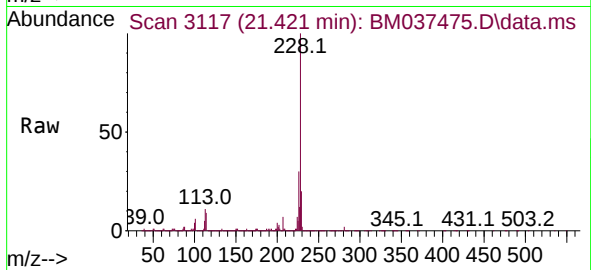
229 19.6 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.871 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

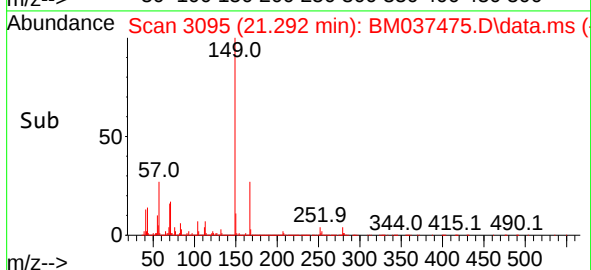
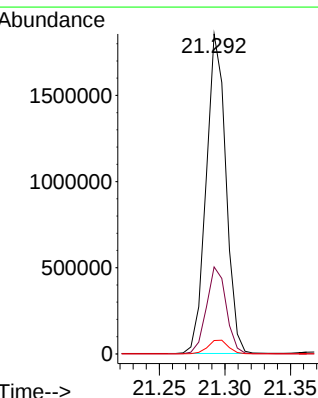
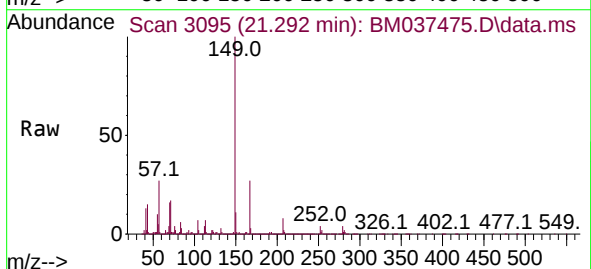
Tgt Ion:149 Resp: 1944080

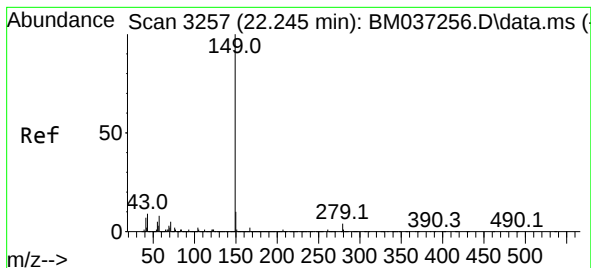
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

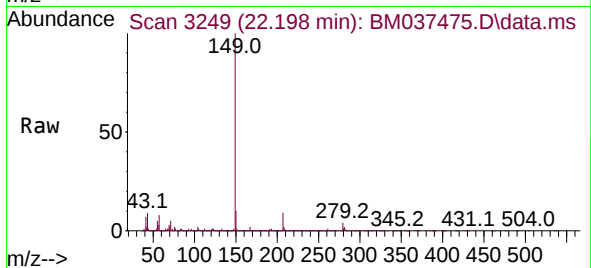
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 59.464 ng
RT: 22.198 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

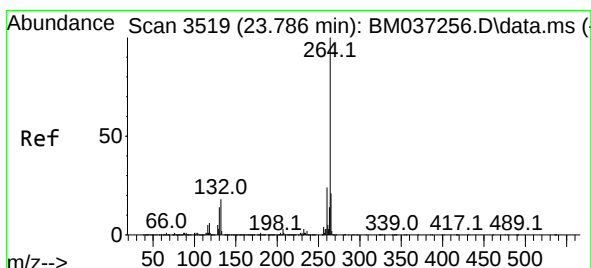
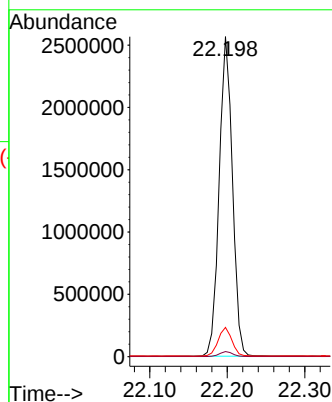
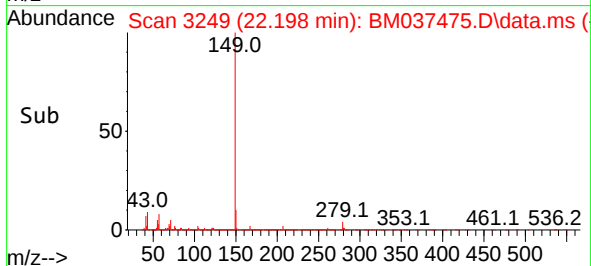
Instrument :
BNA_M
ClientSampleId :
2182MSD



Tgt Ion:149 Resp: 304094
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 8.0 12.0

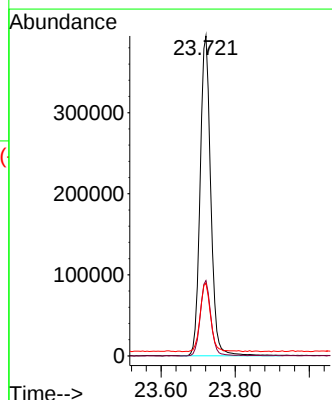
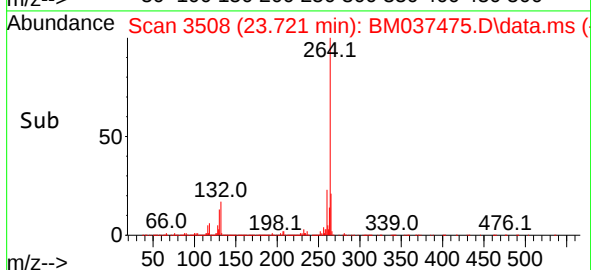
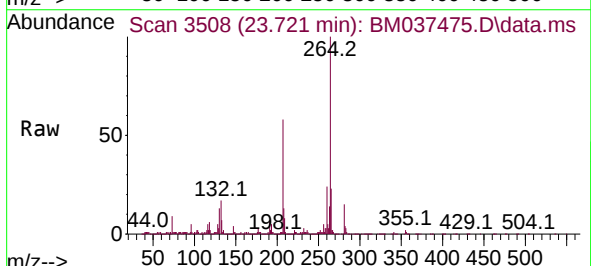
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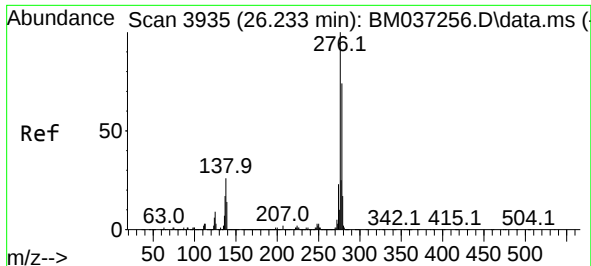
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:264 Resp: 785638
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 22.7 17.7 26.5





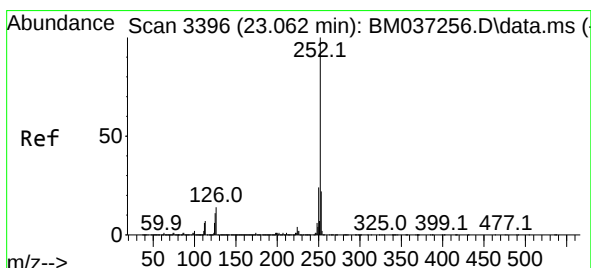
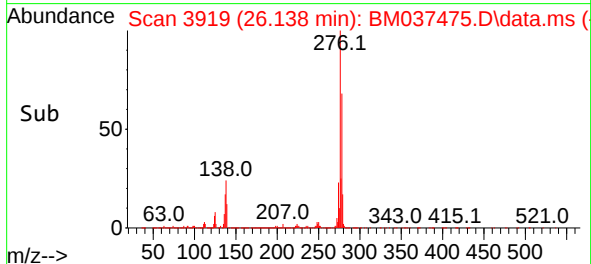
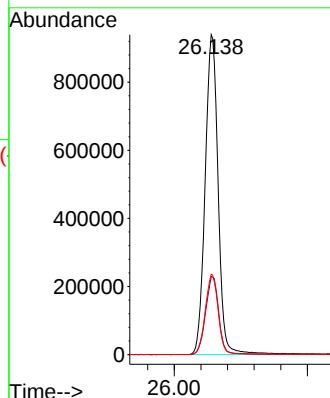
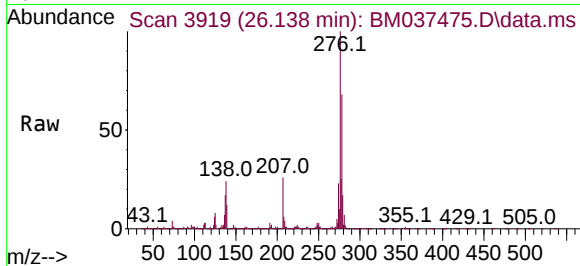
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.356 ng
RT: 26.138 min Scan# 3935
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Instrument :
BNA_M
ClientSampleId :
2182MSD

Tgt Ion:276 Resp: 3174883
Ion Ratio Lower Upper
276 100
138 24.7 21.5 32.3
277 25.1 20.1 30.1

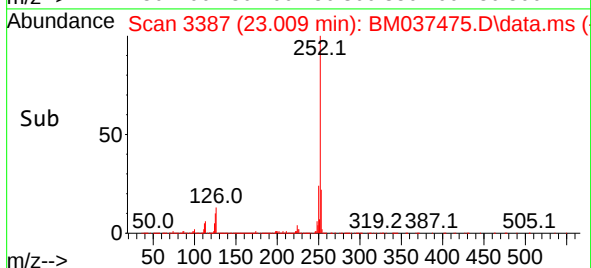
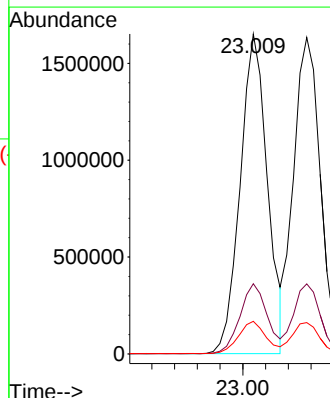
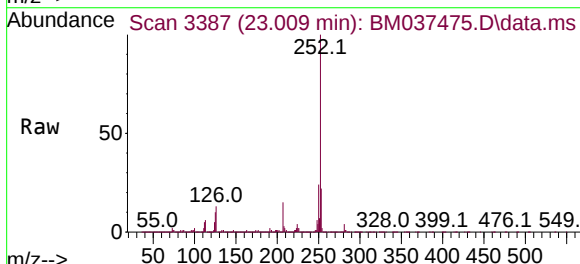
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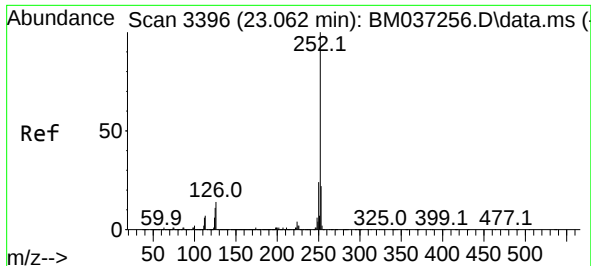
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#88
Benzo(b)fluoranthene
Concen: 50.357 ng
RT: 23.009 min Scan# 3387
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:252 Resp: 2746652
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.2 9.1 13.7





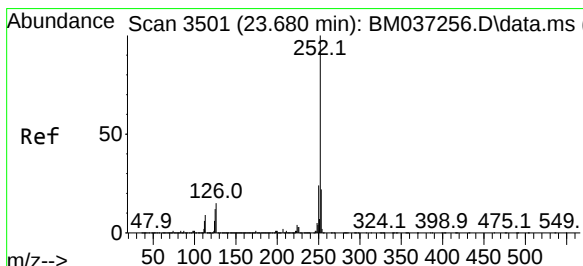
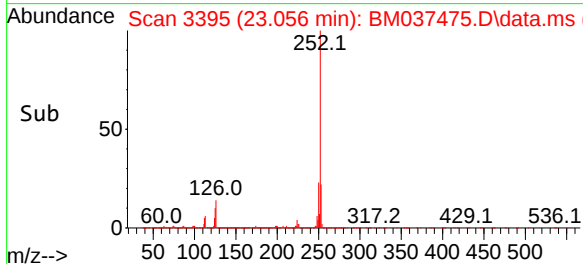
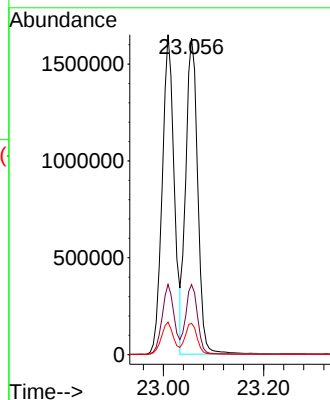
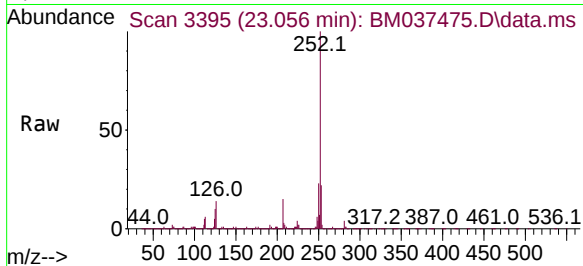
#89
Benzo(k)fluoranthene
Concen: 48.701 ng
RT: 23.056 min Scan# 3396
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Instrument :
BNA_M
ClientSampleId :
2182MSD

Tgt Ion:252 Resp: 2709507
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.9 9.1 13.7

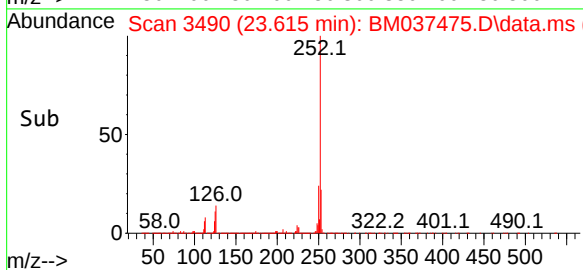
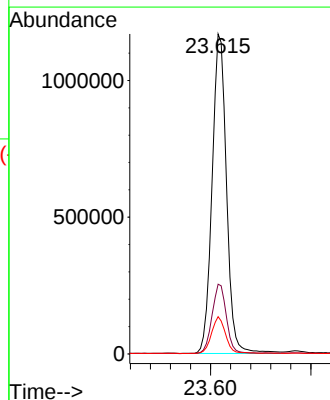
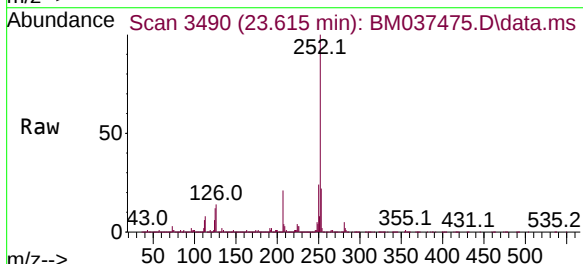
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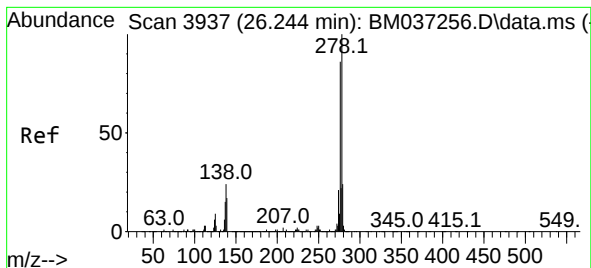
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#90
Benzo(a)pyrene
Concen: 52.399 ng
RT: 23.615 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM037475.D
Acq: 11 Nov 2022 20:04

Tgt Ion:252 Resp: 2328643
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.6 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 50.674 ng

RT: 26.156 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

Instrument :

BNA_M

ClientSampleId :

2182MSD

Tgt Ion:278 Resp: 270693

Ion Ratio Lower Upper

278 100

139 15.6 13.8 20.8

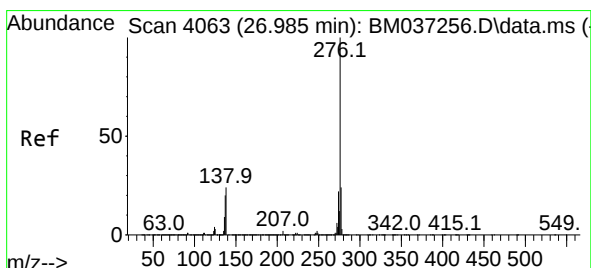
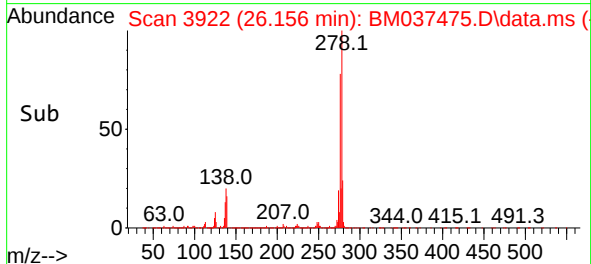
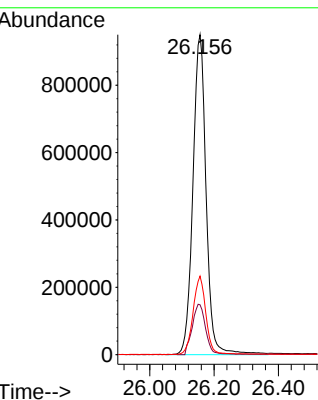
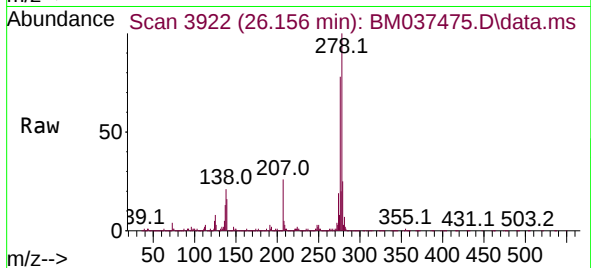
279 24.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 51.883 ng

RT: 26.885 min Scan# 4046

Delta R.T. 0.000 min

Lab File: BM037475.D

Acq: 11 Nov 2022 20:04

Tgt Ion:276 Resp: 2697383

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 21.4 18.9 28.3

