

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037474.D
 Acq On : 11 Nov 2022 19:28
 Operator : CG/JU
 Sample : N5502-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2182MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 22:58:31 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	268908	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1025434	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	553868	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	974385	20.000	ng	0.00
76) Chrysene-d12	21.380	240	803178	20.000	ng	0.00
86) Perylene-d12	23.721	264	734771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2021565	129.879	ng	0.01
7) Phenol-d6	6.993	99	2379861	112.656	ng	0.00
23) Nitrobenzene-d5	8.981	82	1787598	87.952	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1061584	162.641	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	3935233	94.404	ng	0.00
79) Terphenyl-d14	19.821	244	4691391	104.746	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	265774	41.699	ng	# 42
3) Pyridine	3.687	79	503439	26.513	ng	98
4) n-Nitrosodimethylamine	3.587	42	343235	41.356	ng	93
6) Aniline	7.145	93	305745	11.839	ng	98
8) 2-Chlorophenol	7.375	128	898756	47.442	ng	98
9) Benzaldehyde	6.957	77	379043	35.447	ng	99
10) Phenol	7.016	94	906676	38.304	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	868078	45.741	ng	99
12) 1,3-Dichlorobenzene	7.692	146	910062	43.962	ng	99
13) 1,4-Dichlorobenzene	7.840	146	948263	44.408	ng	99
14) 1,2-Dichlorobenzene	8.157	146	921392	44.928	ng	98
15) Benzyl Alcohol	8.063	79	719072	47.611	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1202279	44.436	ng	99
17) 2-Methylphenol	8.269	107	686480	44.377	ng	99
18) Hexachloroethane	8.875	117	351235	46.641	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	654721	45.207	ng	99
20) 3+4-Methylphenols	8.598	107	893860	42.067	ng	99
22) Acetophenone	8.639	105	1308073	49.078	ng	99
24) Nitrobenzene	9.022	77	961407	46.657	ng	98
25) Isophorone	9.551	82	1710927	50.368	ng	98
26) 2-Nitrophenol	9.728	139	476647	51.671	ng	97
27) 2,4-Dimethylphenol	9.792	122	734332	53.639	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	1086060	51.387	ng	100
29) 2,4-Dichlorophenol	10.263	162	769828	48.986	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	854353	47.940	ng	100
31) Naphthalene	10.657	128	2620088	45.099	ng	99
32) Benzoic acid	9.957	122	396802	34.195	ng	99
33) 4-Chloroaniline	10.792	127	168465	7.280	ng	99
34) Hexachlorobutadiene	10.928	225	495704	49.813	ng	97
35) Caprolactam	11.610	113	155357	32.518	ng	96
36) 4-Chloro-3-methylphenol	11.916	107	723792	44.693	ng	99
37) 2-Methylnaphthalene	12.269	142	1812841	46.055	ng	99
38) 1-Methylnaphthalene	12.492	142	1701659	44.244	ng	100
40) 1,2,4,5-Tetrachloroben...	12.639	216	918808	55.173	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1154711	145.533	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	589883	51.455	ng	99

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 Response via : Initial Calibration

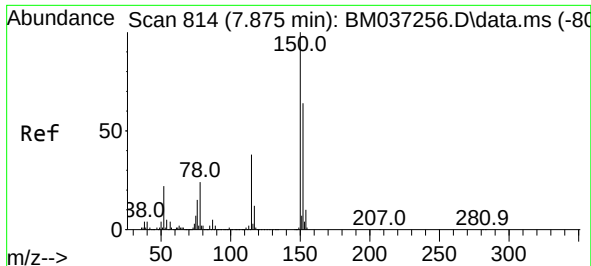
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	635864	50.281	ng	98
46) 1,1'-Biphenyl	13.286	154	2282741	51.072	ng	99
47) 2-Chloronaphthalene	13.327	162	1762780	49.560	ng	100
48) 2-Nitroaniline	13.551	65	474435	46.157	ng	95
49) Acenaphthylene	14.174	152	2669108	48.341	ng	100
50) Dimethylphthalate	13.921	163	1990766	47.057	ng	100
51) 2,6-Dinitrotoluene	14.045	165	436551	48.728	ng	96
52) Acenaphthene	14.516	154	1613992	47.283	ng	98
53) 3-Nitroaniline	14.380	138	219409	21.922	ng	97
54) 2,4-Dinitrophenol	14.586	184	514325	86.610	ng	95
55) Dibenzofuran	14.851	168	2502257	47.594	ng	100
56) 4-Nitrophenol	14.698	139	619521	77.590	ng	97
57) 2,4-Dinitrotoluene	14.833	165	579241	49.135	ng	99
58) Fluorene	15.498	166	2048196	46.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	509472	48.065	ng	97
60) Diethylphthalate	15.280	149	1932360	46.996	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	1005862	49.543	ng	100
62) 4-Nitroaniline	15.539	138	381205m	37.977	ng	
63) Azobenzene	15.786	77	1855667	45.812	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	293020	43.618	ng	98
66) n-Nitrosodiphenylamine	15.715	169	1611874	48.941	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	586433	53.632	ng	99
68) Hexachlorobenzene	16.498	284	712240	53.824	ng	96
69) Atrazine	16.674	200	520600	62.822	ng	98
70) Pentachlorophenol	16.851	266	817411	106.158	ng	100
71) Phenanthrene	17.239	178	2818807	46.629	ng	100
72) Anthracene	17.327	178	2843652	49.688	ng	100
73) Carbazole	17.609	167	2436346	46.410	ng	99
74) Di-n-butylphthalate	18.168	149	3067825	52.924	ng	100
75) Fluoranthene	19.256	202	2927022	45.805	ng	98
77) Benzidine	19.462	184	155313	12.968	ng	100
78) Pyrene	19.621	202	3046892	49.333	ng	100
80) Butylbenzylphthalate	20.521	149	1230169	55.773	ng	97
81) Benzo(a)anthracene	21.368	228	2635127	46.084	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	537379	31.997	ng	99
83) Chrysene	21.421	228	2531372	45.949	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	1777978	60.060	ng	99
85) Di-n-octyl phthalate	22.197	149	2784974	59.734	ng	98
87) Indeno(1,2,3-cd)pyrene	26.138	276	3019064	50.182	ng	97
88) Benzo(b)fluoranthene	23.009	252	2512912	49.262	ng	99
89) Benzo(k)fluoranthene	23.056	252	2498788	48.023	ng	99
90) Benzo(a)pyrene	23.615	252	2141452	51.523	ng	99
91) Dibenzo(a,h)anthracene	26.150	278	2554561	51.132	ng	98
92) Benzo(g,h,i)perylene	26.885	276	2561785	52.686	ng	96

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

Manual Integrations APPROVED

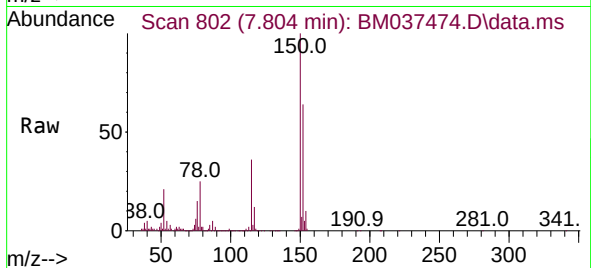
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

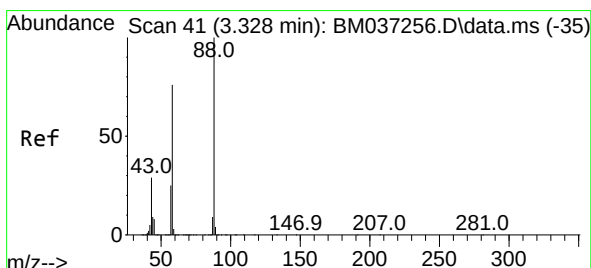
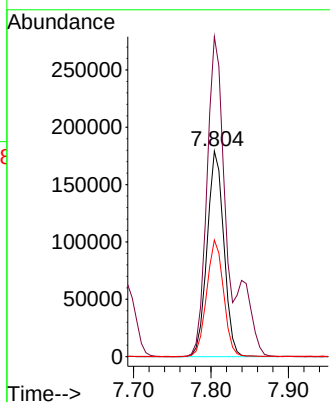
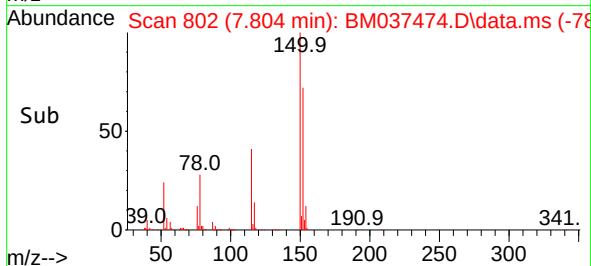
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:152 Resp: 268908
Ion Ratio Lower Upper
152 100
150 155.8 124.8 187.2
115 56.7 47.0 70.4

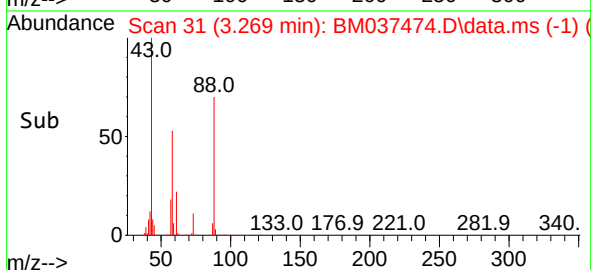
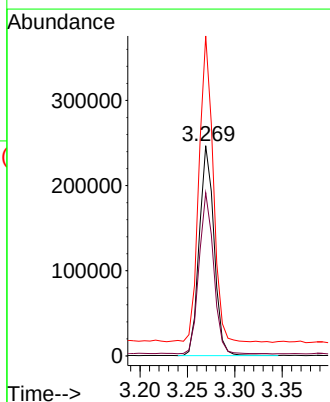
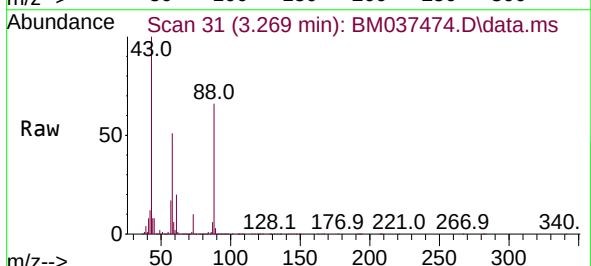
Manual Integrations
APPROVED

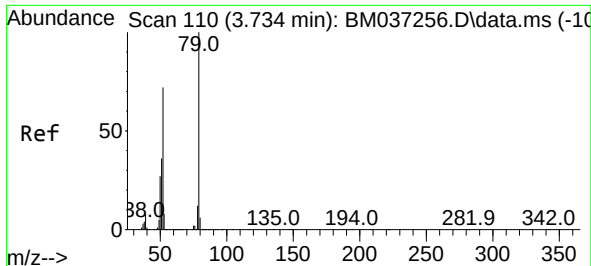
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#2
1,4-Dioxane
Concen: 41.699 ng
RT: 3.269 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

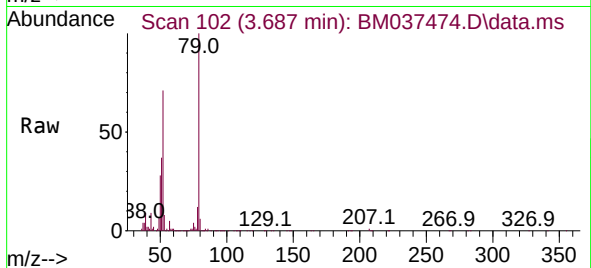
Tgt Ion: 88 Resp: 265774
Ion Ratio Lower Upper
88 100
58 75.7 63.5 95.3
43 139.5 24.2 36.4





#3
Pyridine
Concen: 26.513 ng
RT: 3.687 min Scan# 10
Delta R.T. 0.024 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

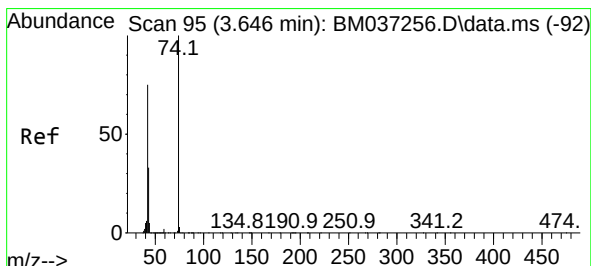
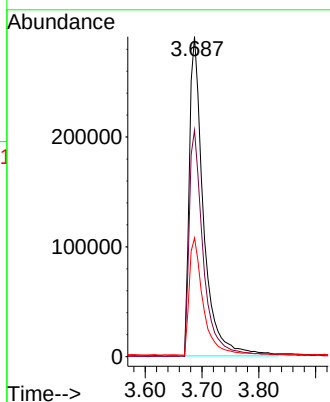
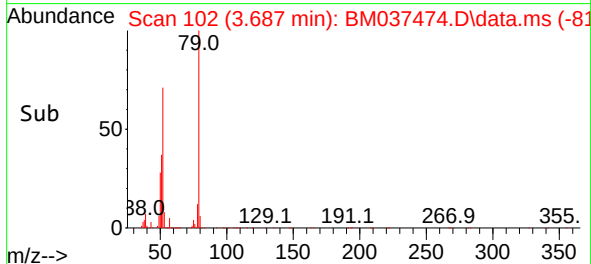
Instrument :
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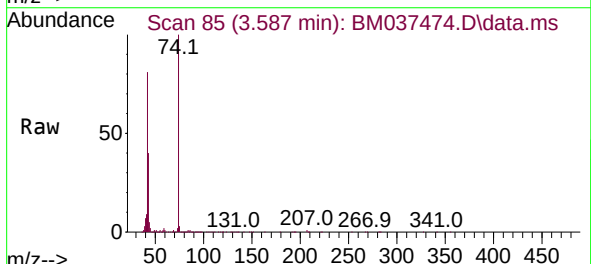
Tgt Ion: 79 Resp: 503439
Ion Ratio Lower Upper
79 100
52 70.8 57.8 86.6
51 37.1 29.0 43.6

Manual Integrations
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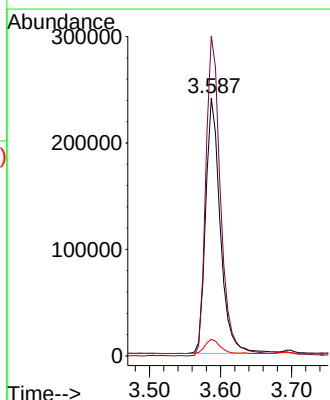
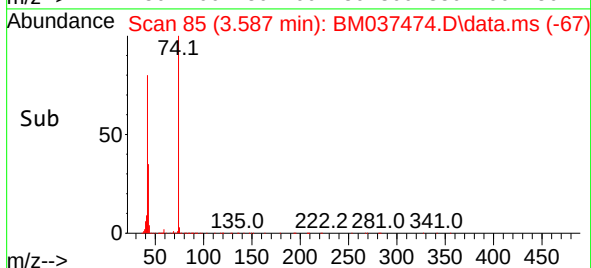
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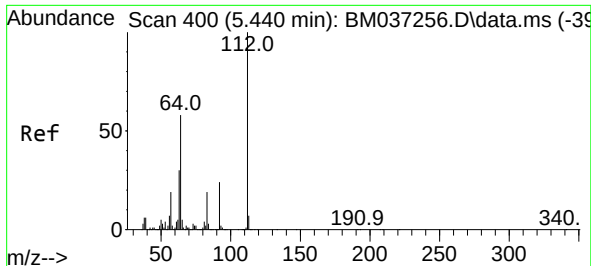


#4
n-Nitrosodimethylamine
Concen: 41.356 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28



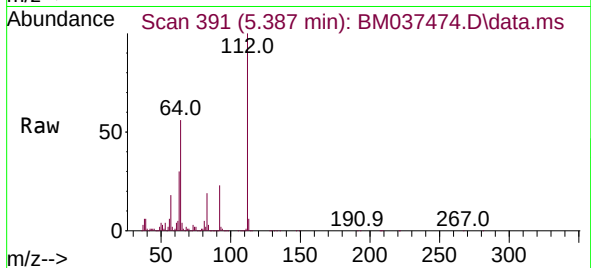
Tgt Ion: 42 Resp: 343235
Ion Ratio Lower Upper
42 100
74 124.2 106.2 159.2
44 6.4 5.4 8.0





#5
2-Fluorophenol
Concen: 129.879 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.012 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

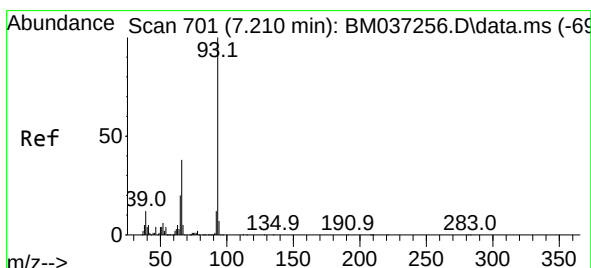
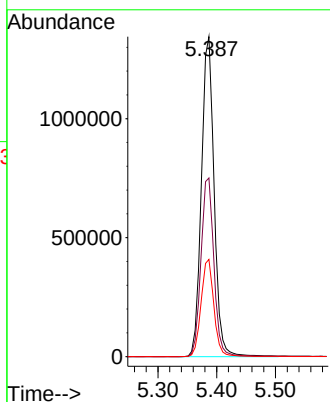
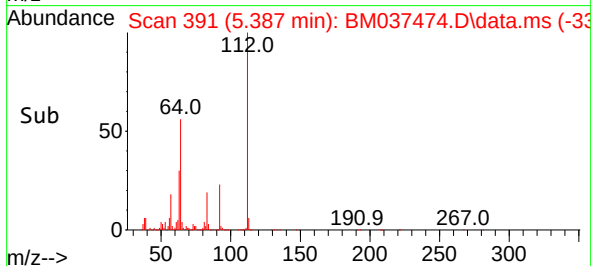
Instrument :
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2182MS



Tgt Ion: 112 Resp: 202156
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 30.4 24.4 36.6

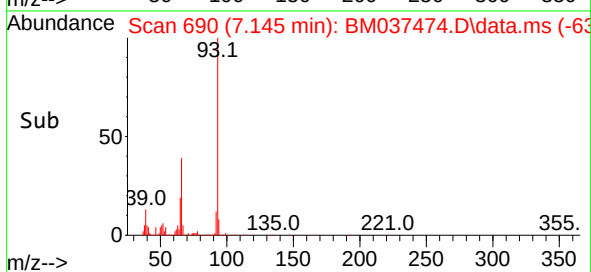
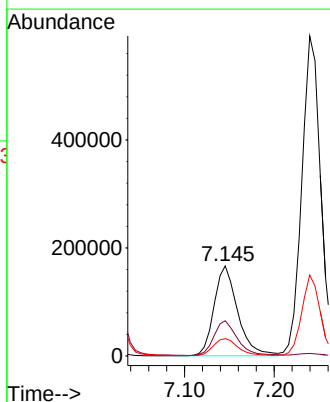
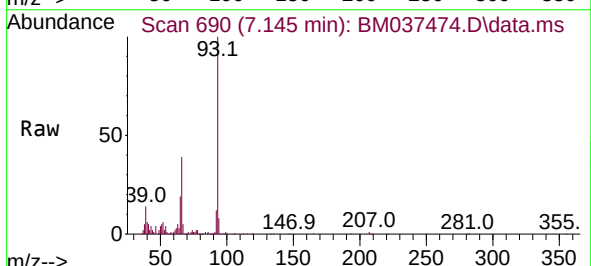
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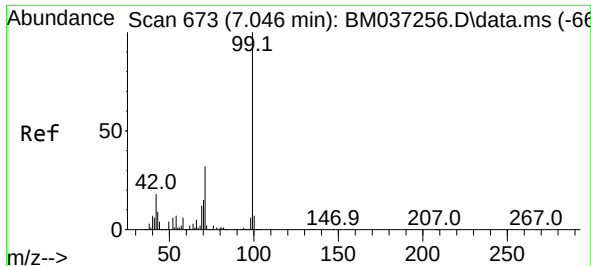
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#6
Aniline
Concen: 11.839 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion: 93 Resp: 305745
Ion Ratio Lower Upper
93 100
66 39.0 30.4 45.6
65 19.1 16.2 24.2





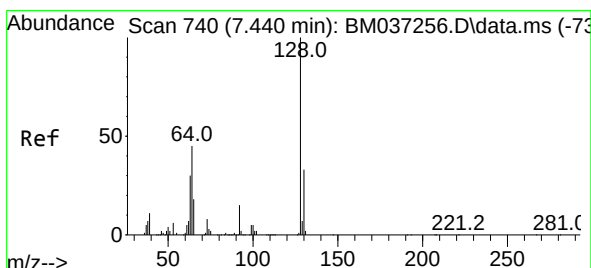
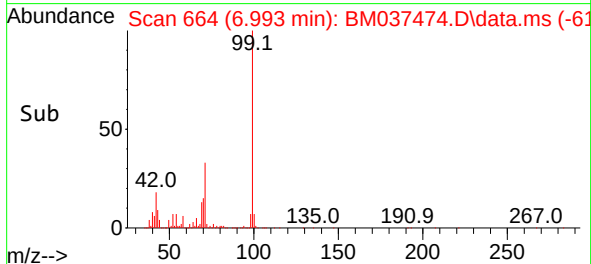
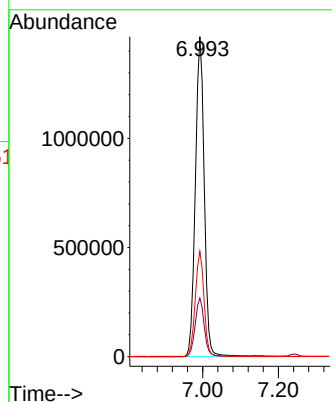
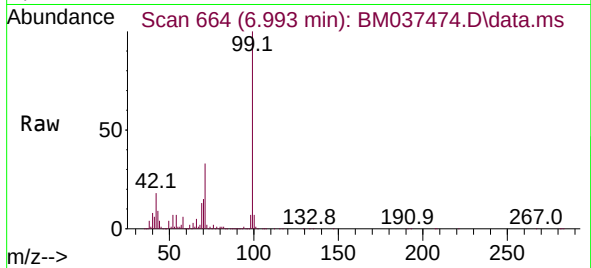
#7
Phenol-d6
Concen: 112.656 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion: 99 Resp: 237986
Ion Ratio Lower Upper
99 100
42 18.3 14.8 22.2
71 32.9 25.6 38.4

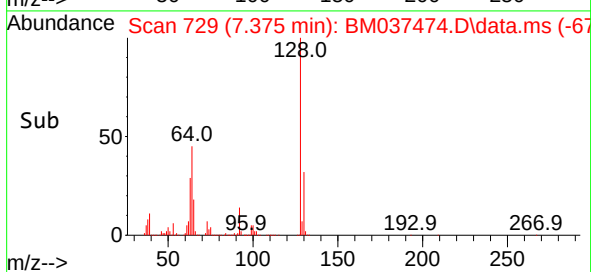
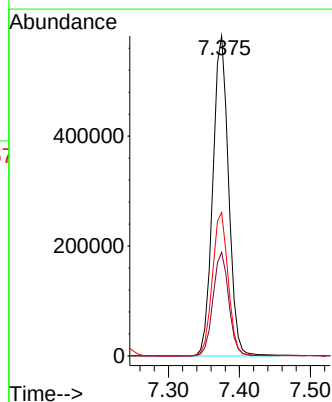
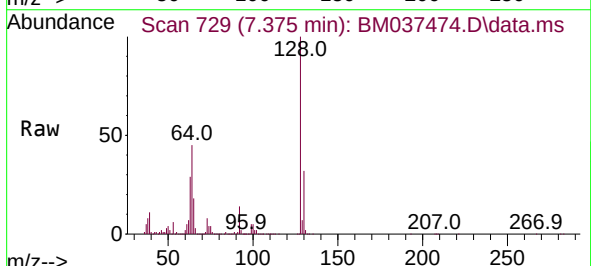
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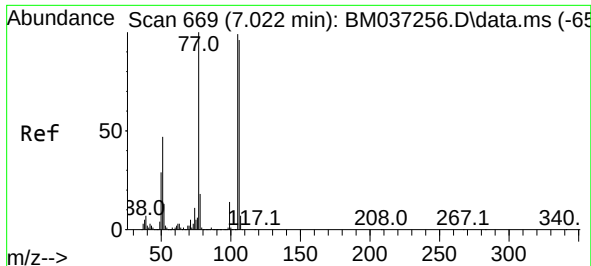
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#8
2-Chlorophenol
Concen: 47.442 ng
RT: 7.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

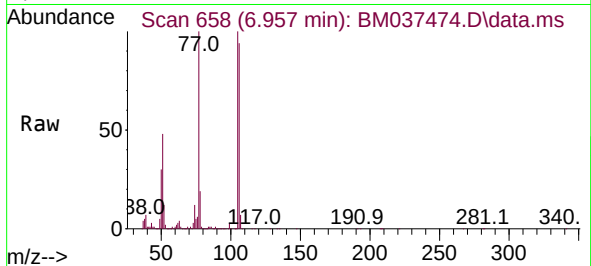
Tgt Ion:128 Resp: 898756
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 44.8 26.4 66.4





#9
Benzaldehyde
Concen: 35.447 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

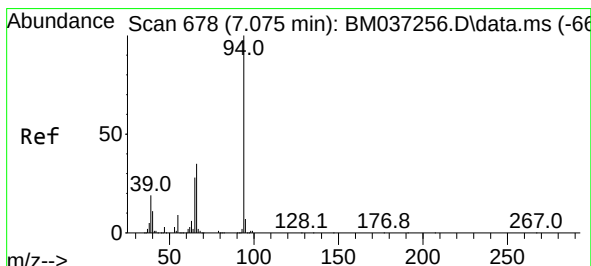
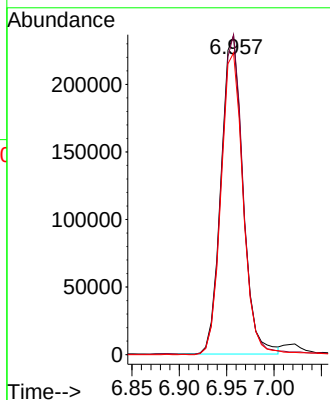
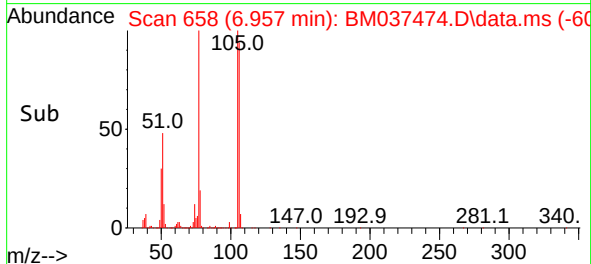
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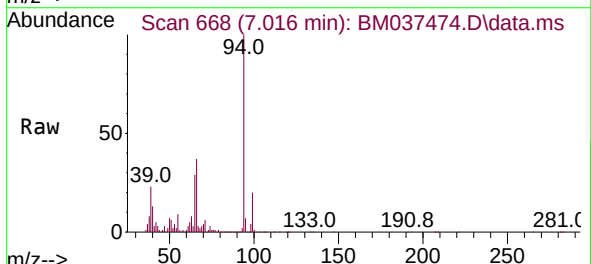
Tgt Ion: 77 Resp: 379043
Ion Ratio Lower Upper
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105 100.3 78.6 118.6
106 94.6 75.8 115.8

Manual Integrations
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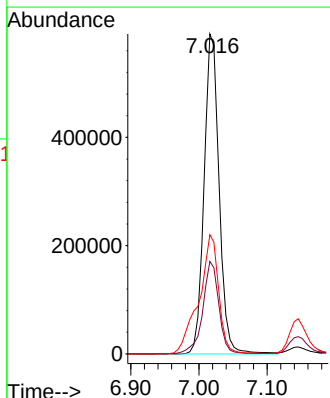
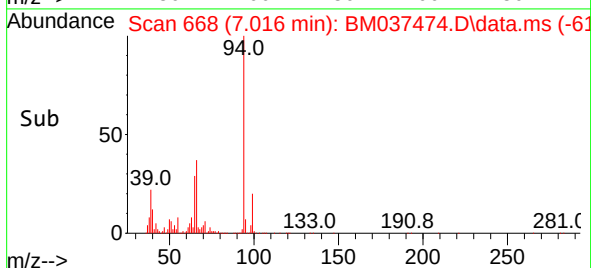
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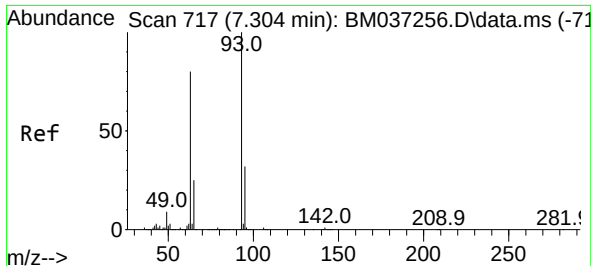


#10
Phenol
Concen: 38.304 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28



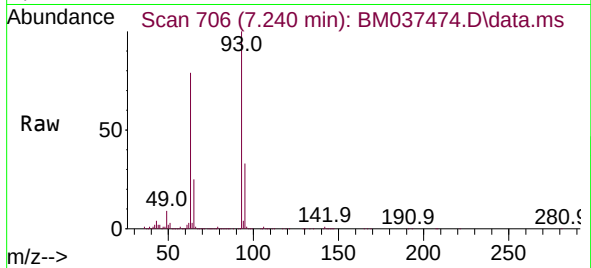
Tgt Ion: 94 Resp: 906676
Ion Ratio Lower Upper
94 100
65 28.9 8.1 48.1
66 37.2 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 45.741 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

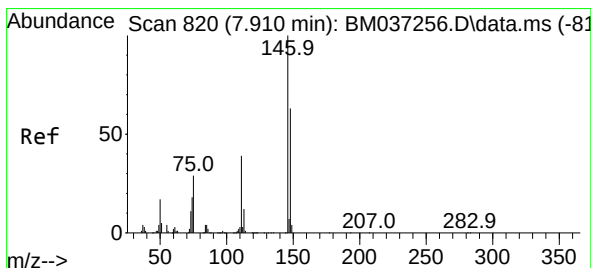
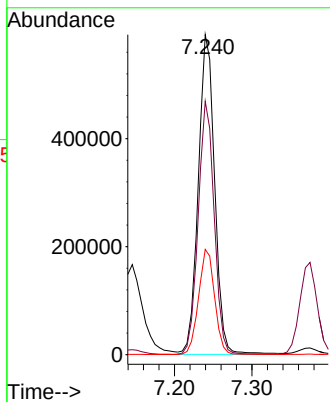
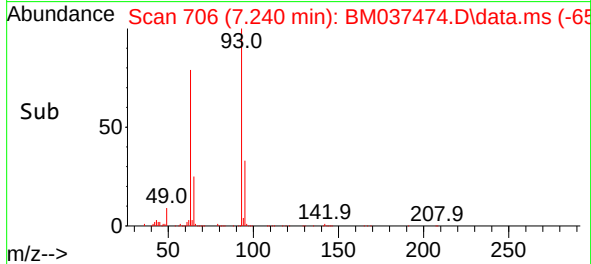
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion: 93 Resp: 868078
Ion Ratio Lower Upper
93 100
63 79.2 59.3 99.3
95 32.9 12.0 52.0

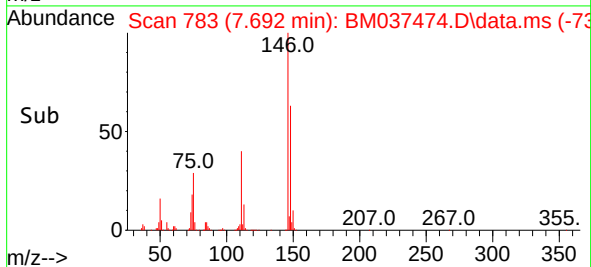
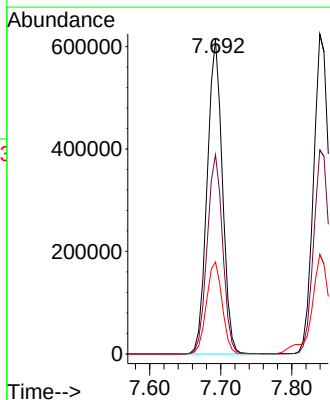
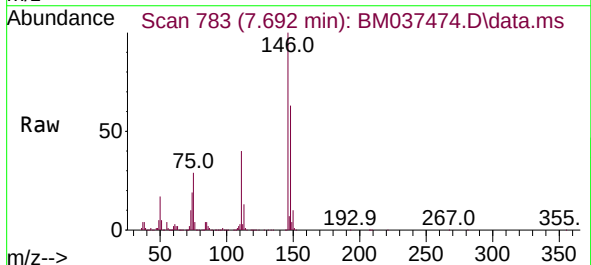
Manual Integrations
APPROVED

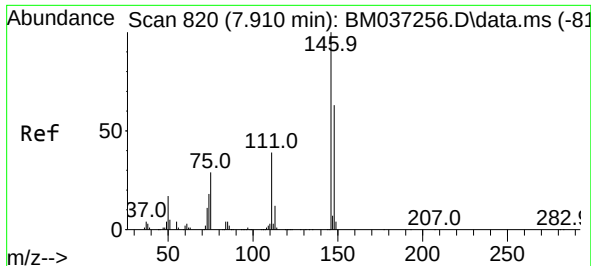
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#12
1,3-Dichlorobenzene
Concen: 43.962 ng
RT: 7.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:146 Resp: 910062
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 29.2 24.5 36.7





#13

1,4-Dichlorobenzene

Concen: 44.408 ng

RT: 7.840 min Scan# 80

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:146 Resp: 948263

Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

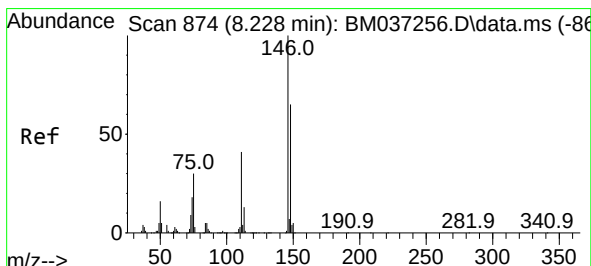
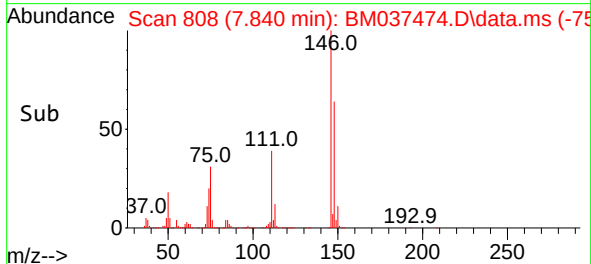
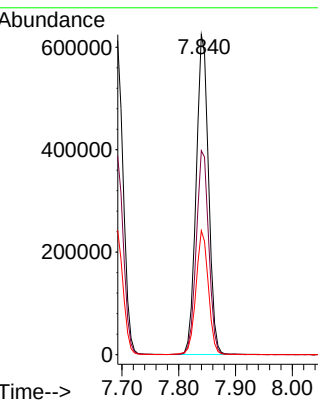
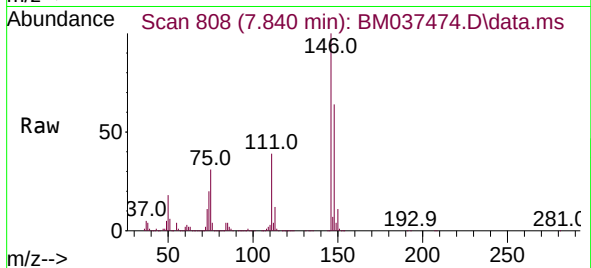
111 38.7 31.1 46.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#14

1,2-Dichlorobenzene

Concen: 44.928 ng

RT: 8.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

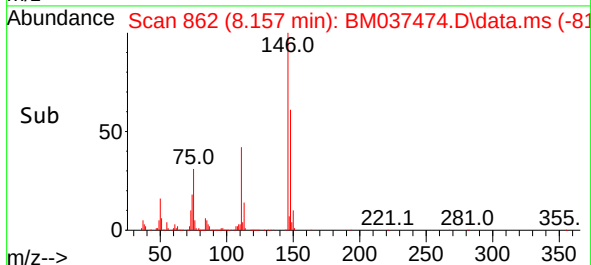
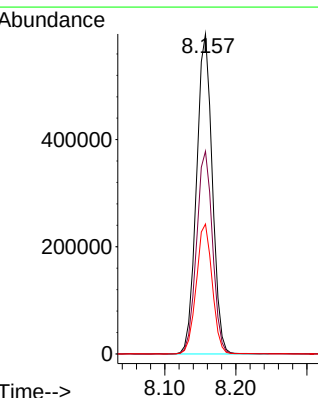
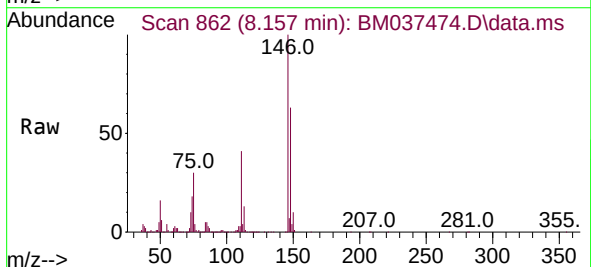
Tgt Ion:146 Resp: 921392

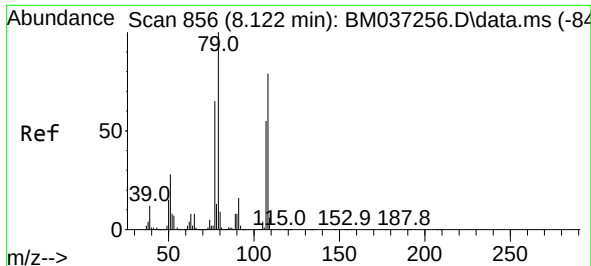
Ion Ratio Lower Upper

146 100

148 63.3 52.4 78.6

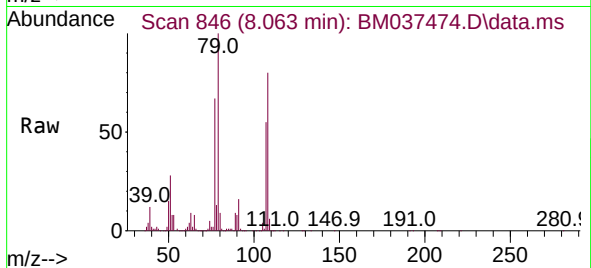
111 40.6 33.0 49.6





#15
Benzyl Alcohol
Concen: 47.611 ng
RT: 8.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

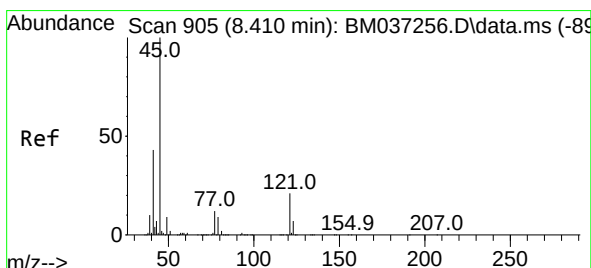
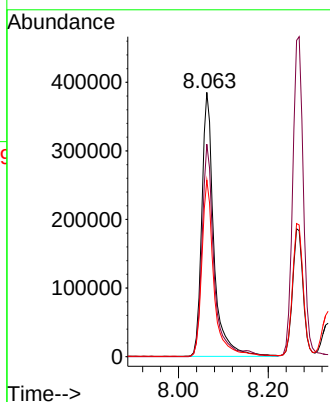
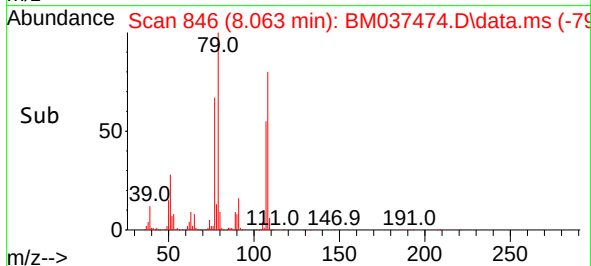
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion: 79 Resp: 719072
Ion Ratio Lower Upper
79 100
108 80.4 63.1 94.7
77 66.8 51.7 77.5

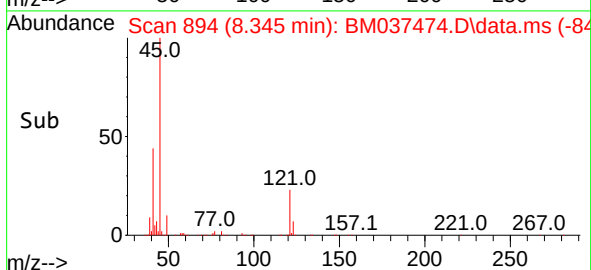
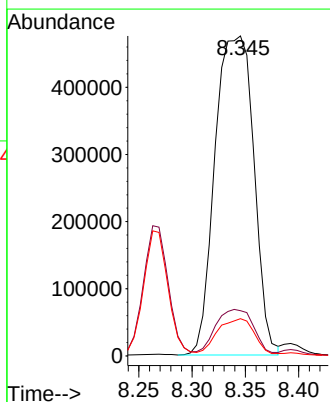
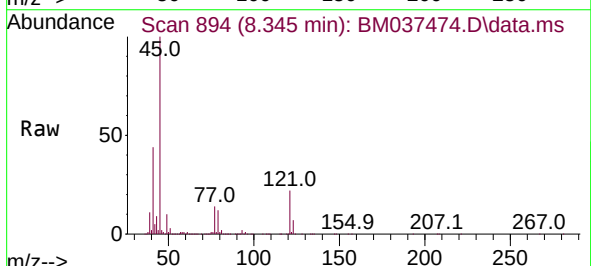
Manual Integrations
APPROVED

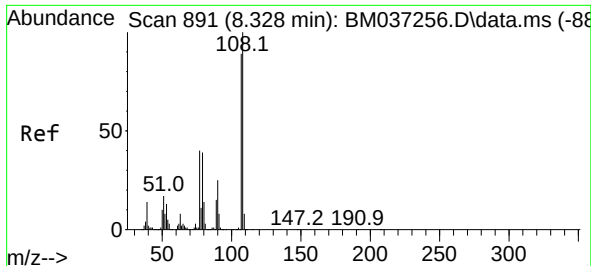
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.436 ng
RT: 8.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

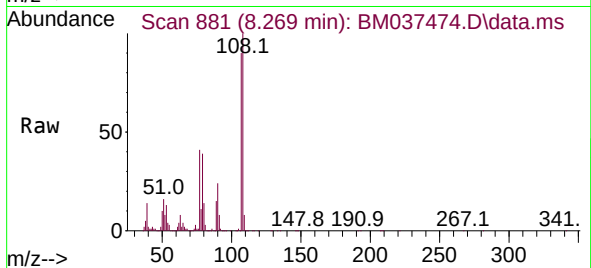
Tgt Ion: 45 Resp: 1202279
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.0
79 11.6 0.0 30.6





#17
2-Methylphenol
Concen: 44.377 ng
RT: 8.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

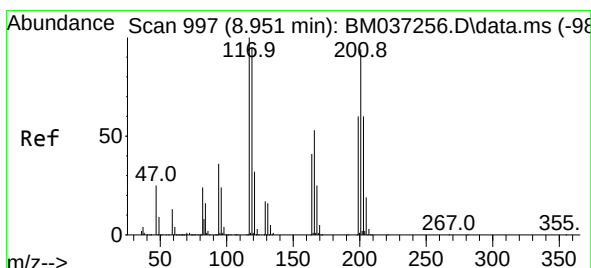
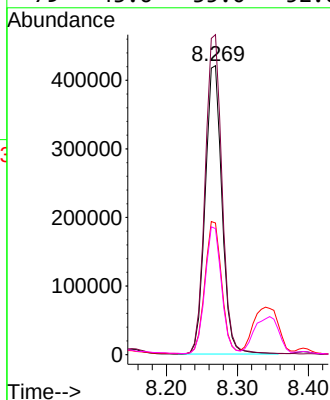
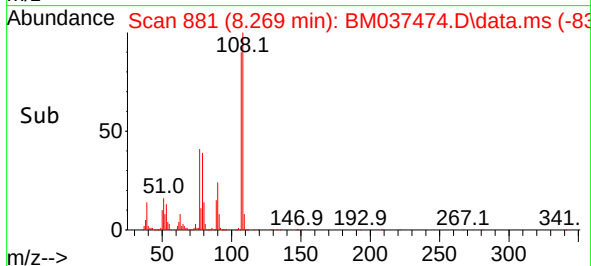
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:107 Resp: 686480
Ion Ratio Lower Upper
107 100
108 110.8 89.5 134.3
77 45.5 36.2 54.2
79 43.6 35.0 52.6

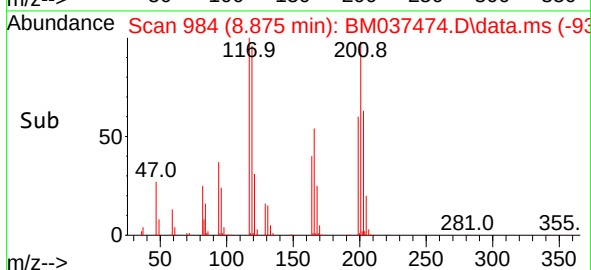
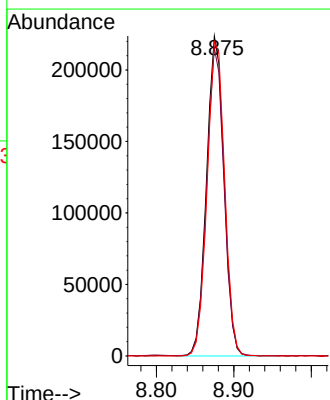
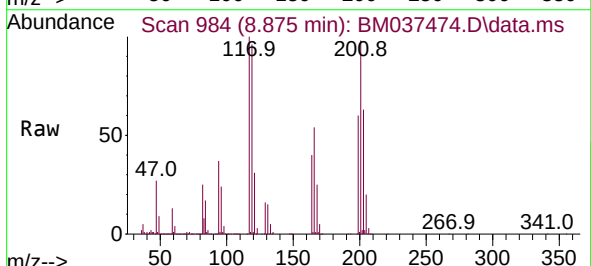
Manual Integrations
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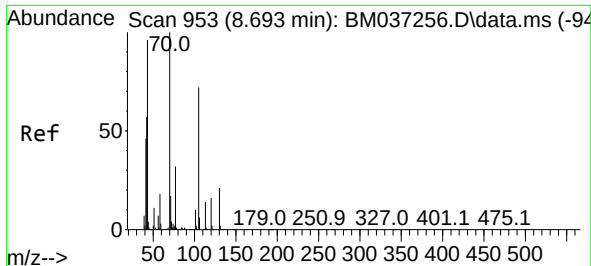
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#18
Hexachloroethane
Concen: 46.641 ng
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

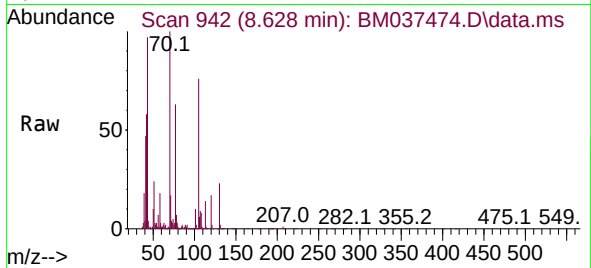
Tgt Ion:117 Resp: 351235
Ion Ratio Lower Upper
117 100
119 96.2 75.9 113.9
201 98.2 75.0 112.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.207 ng
RT: 8.628 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

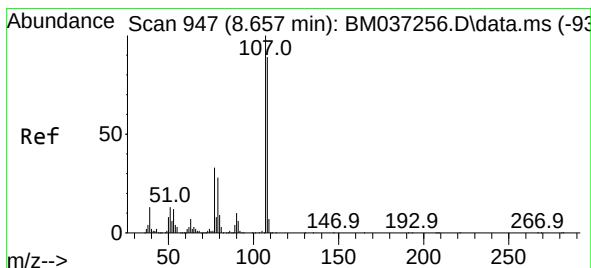
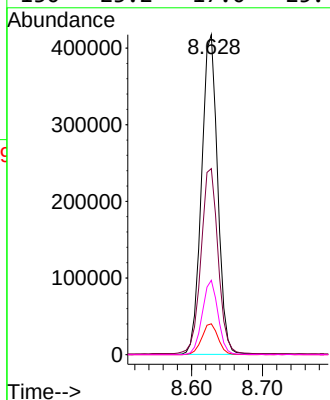
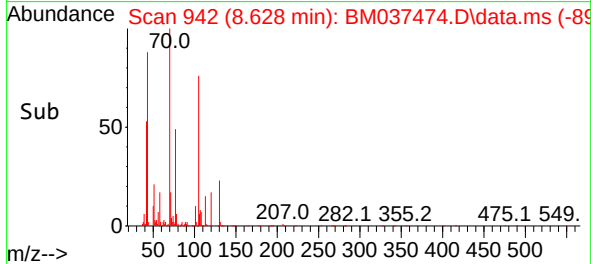
Instrument :
BNA_M
ClientSampleId :
2182MS



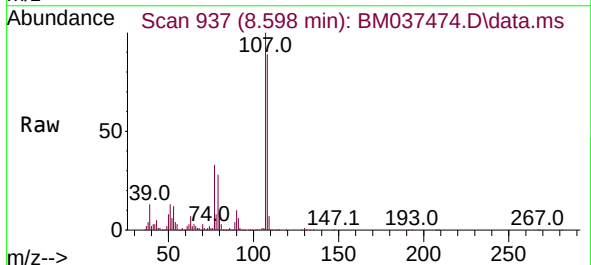
Tgt Ion: 70 Resp: 65472
Ion Ratio Lower Upper
70 100
42 58.1 46.4 69.6
101 9.6 7.8 11.8
130 23.2 17.0 25.4

Manual Integrations
APPROVED

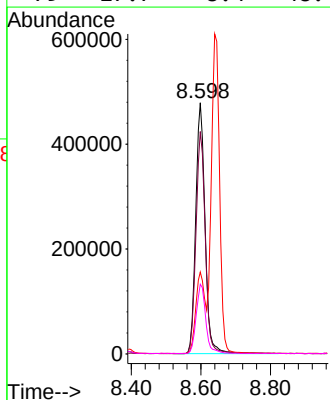
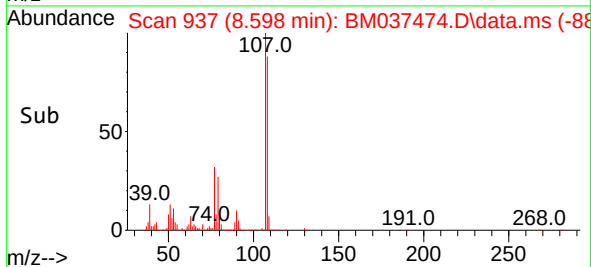
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

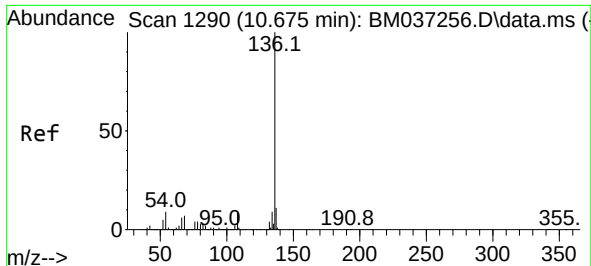


#20
3+4-Methylphenols
Concen: 42.067 ng
RT: 8.598 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28



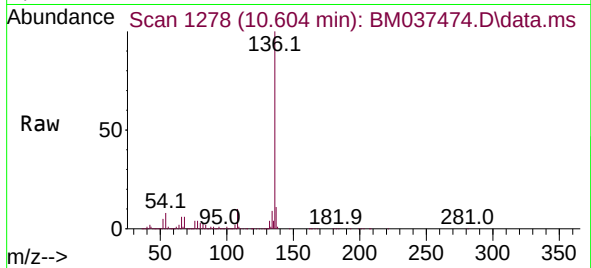
Tgt Ion:107 Resp: 893860
Ion Ratio Lower Upper
107 100
108 88.5 69.4 109.4
77 32.6 12.8 52.8
79 27.7 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

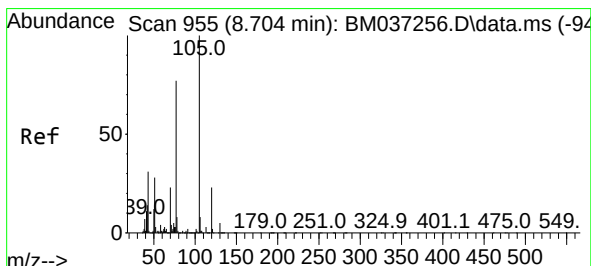
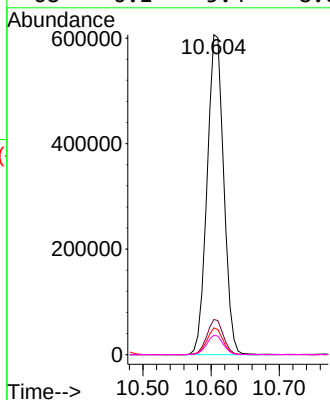
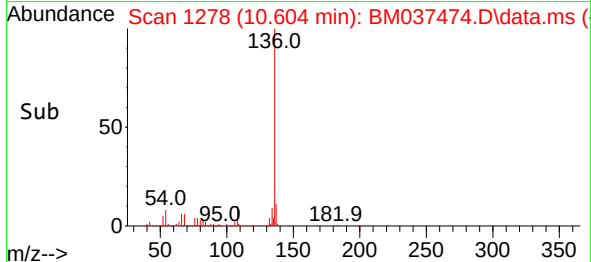
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:136 Resp: 1025434
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.4 7.0 10.4
68 6.1 5.4 8.0

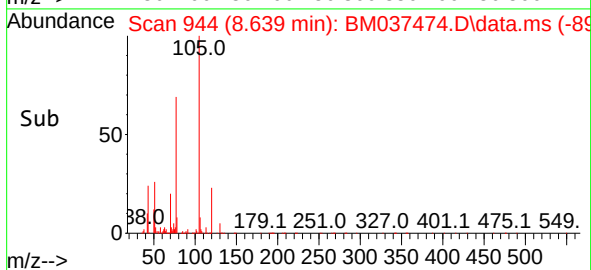
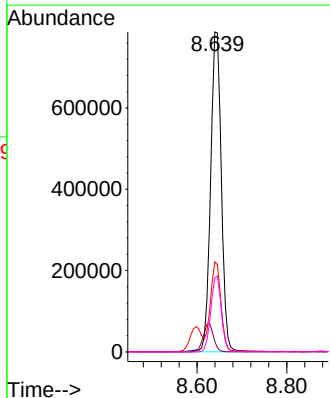
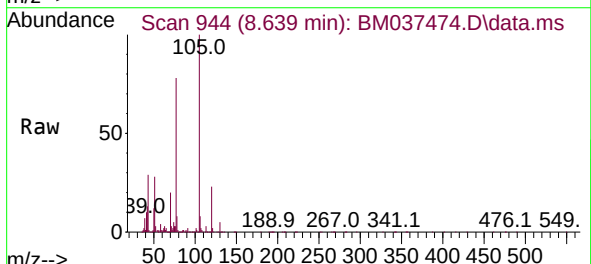
Manual Integrations
APPROVED

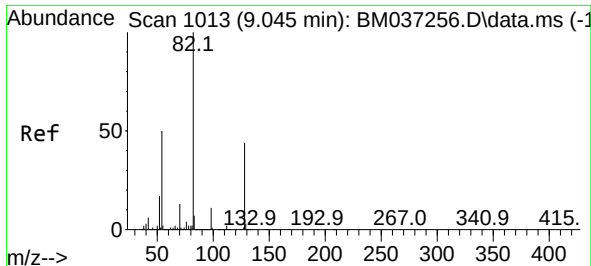
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#22
Acetophenone
Concen: 49.078 ng
RT: 8.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

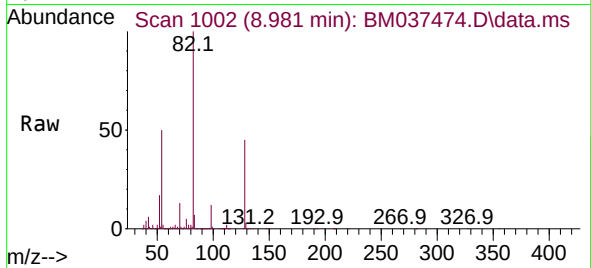
Tgt Ion:105 Resp: 1308073
Ion Ratio Lower Upper
105 100
71 3.2 3.0 4.4
51 28.1 22.1 33.1
120 23.2 18.2 27.2





#23
Nitrobenzene-d5
Concen: 87.952 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

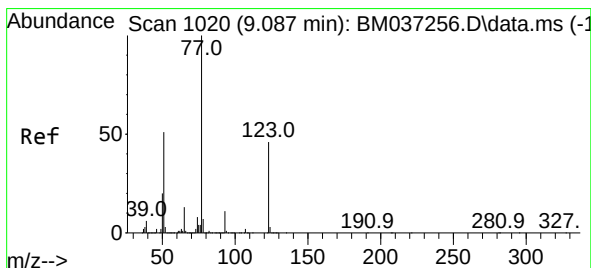
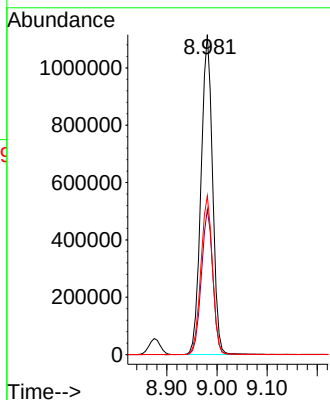
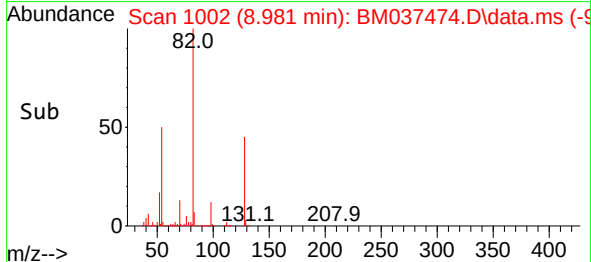
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion: 82 Resp: 1787598
Ion Ratio Lower Upper
82 100
128 45.4 35.2 52.8
54 49.6 40.4 60.6

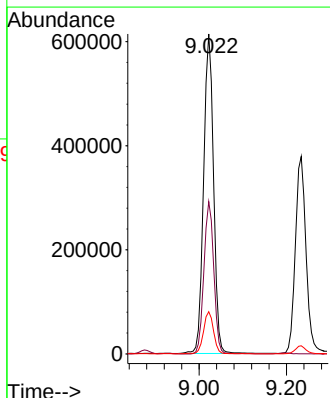
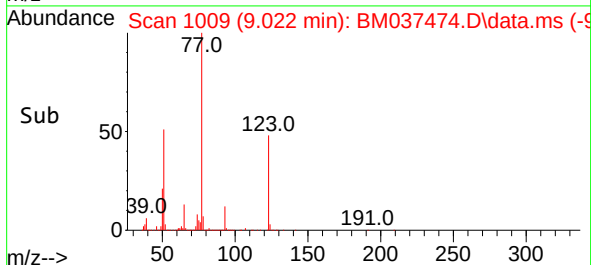
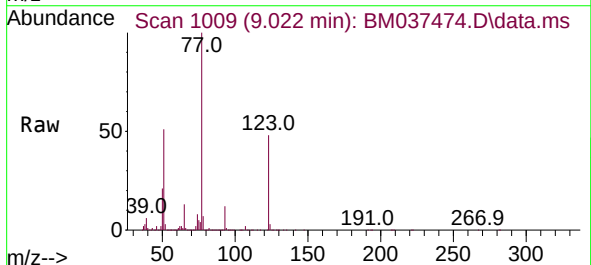
Manual Integrations
APPROVED

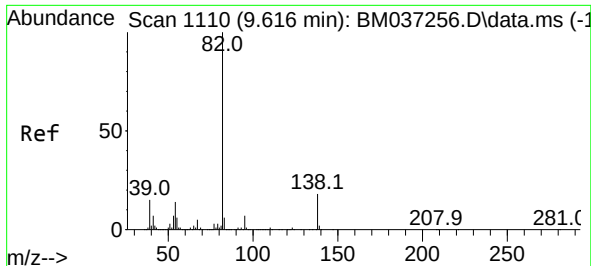
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#24
Nitrobenzene
Concen: 46.657 ng
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

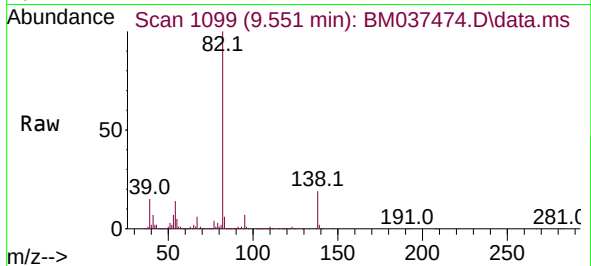
Tgt Ion: 77 Resp: 961407
Ion Ratio Lower Upper
77 100
123 47.6 36.6 55.0
65 13.2 10.6 16.0





#25
Isophorone
Concen: 50.368 ng
RT: 9.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

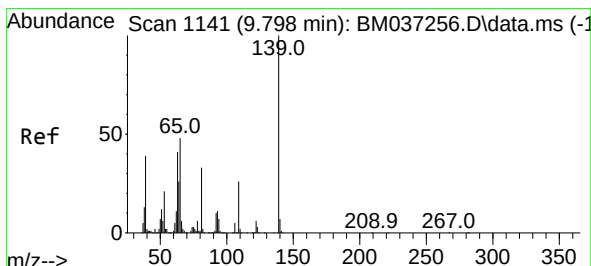
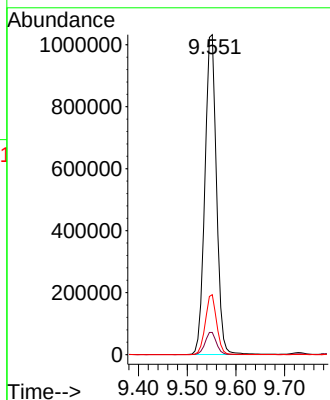
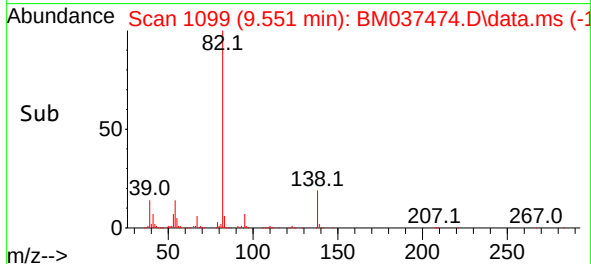
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion: 82 Resp: 171092
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.7 14.2 21.4

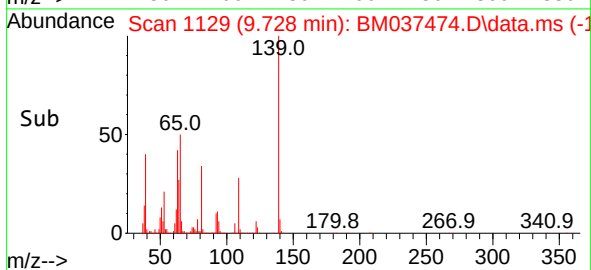
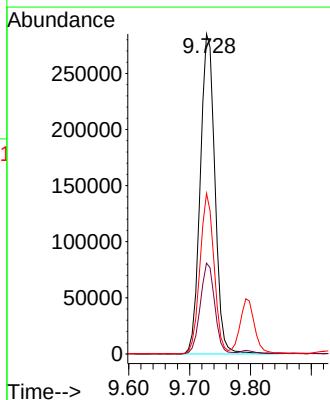
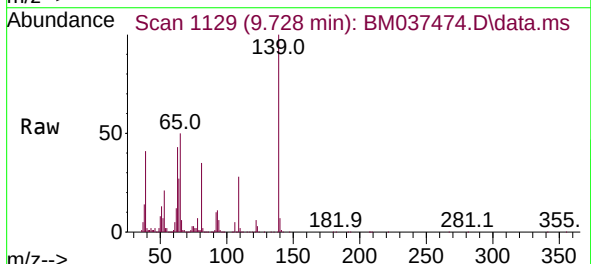
Manual Integrations
APPROVED

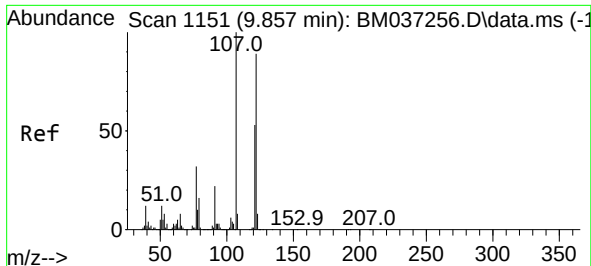
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#26
2-Nitrophenol
Concen: 51.671 ng
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:139 Resp: 476647
Ion Ratio Lower Upper
139 100
109 28.4 21.1 31.7
65 50.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 53.639 ng

RT: 9.792 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:122 Resp: 734332

Ion Ratio Lower Upper

122 100

107 115.5 89.7 134.5

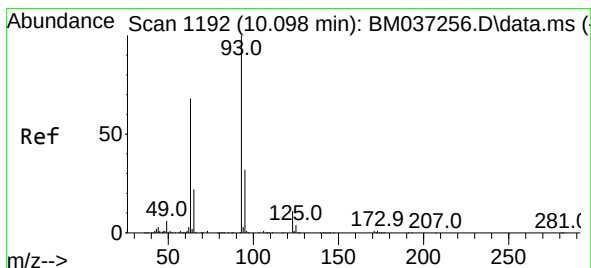
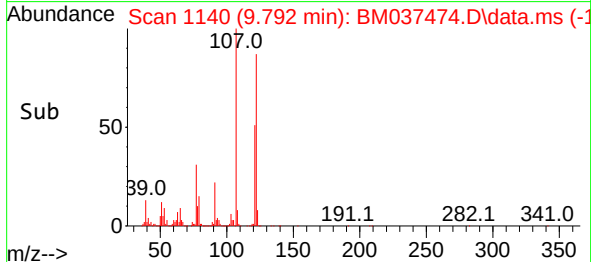
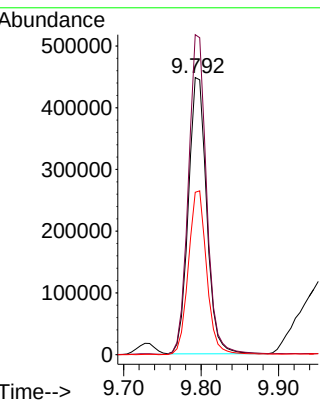
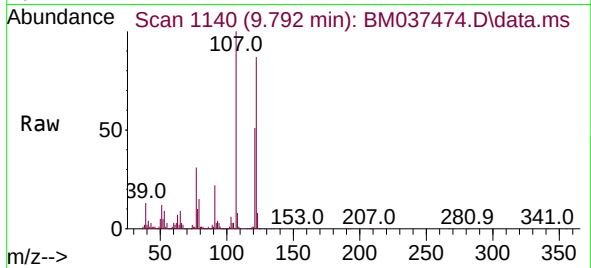
121 58.6 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.387 ng

RT: 10.028 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

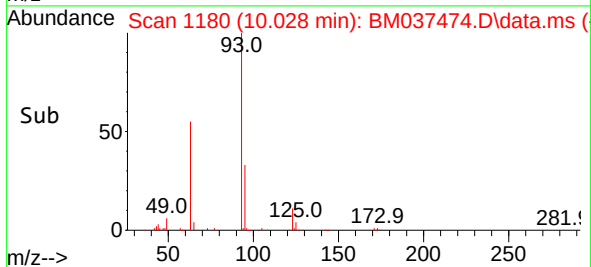
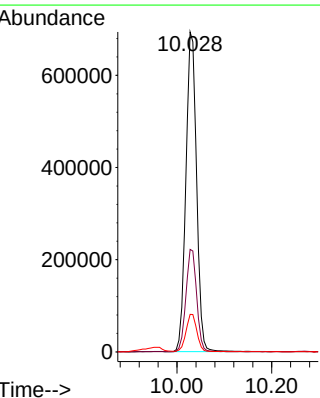
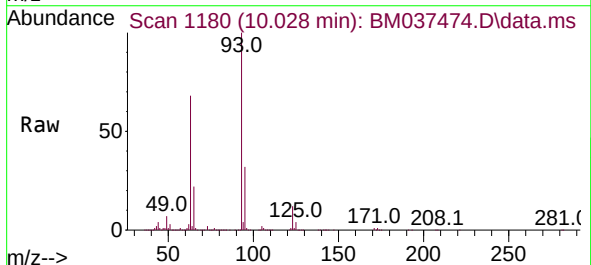
Tgt Ion: 93 Resp: 1086060

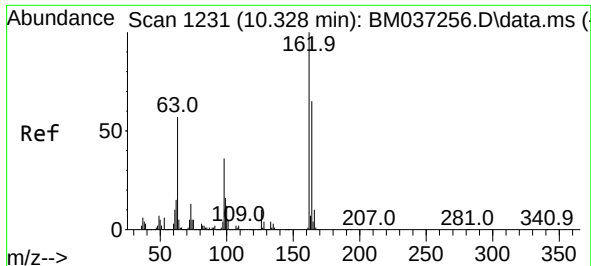
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

123 11.7 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 48.986 ng

RT: 10.263 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:162 Resp: 769828

Ion Ratio Lower Upper

162 100

164 64.8 45.0 85.0

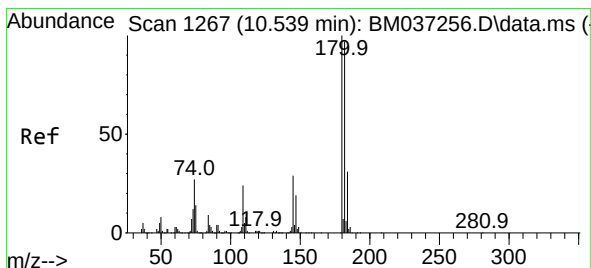
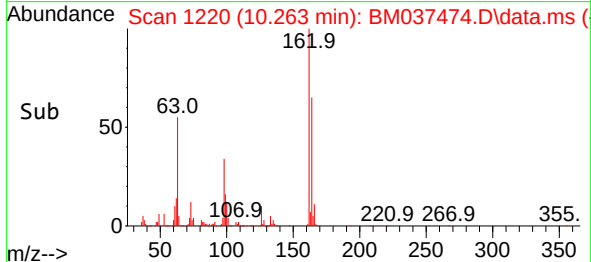
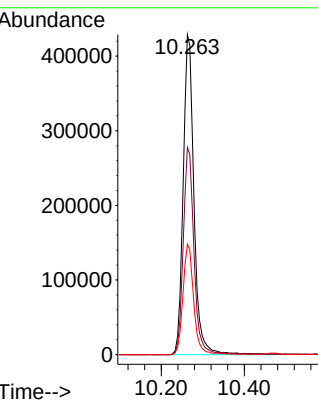
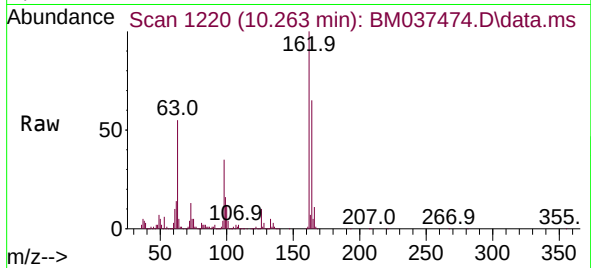
98 34.5 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.940 ng

RT: 10.469 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

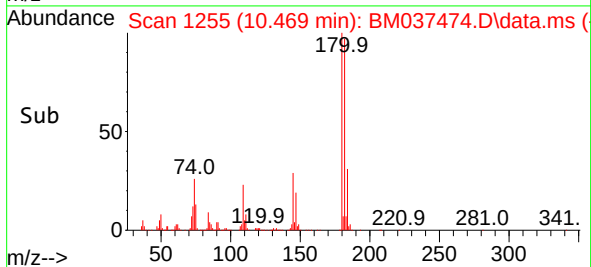
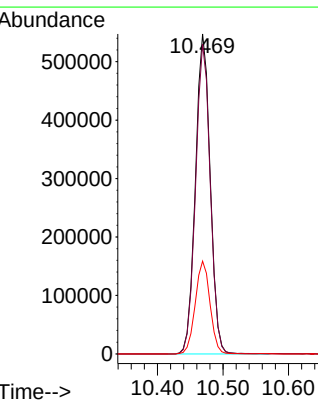
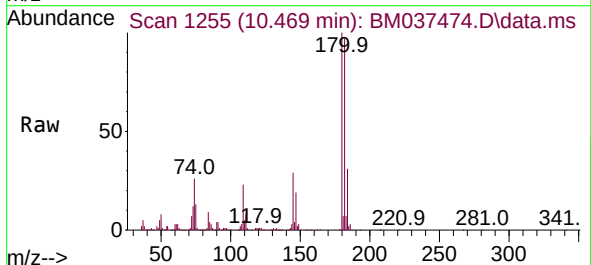
Tgt Ion:180 Resp: 854353

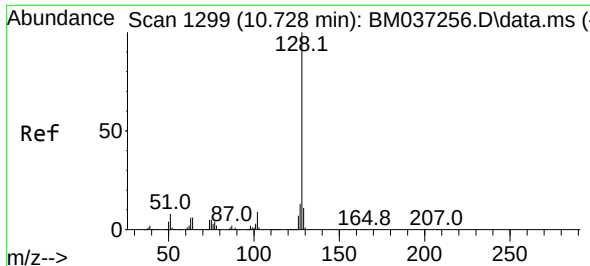
Ion Ratio Lower Upper

180 100

182 96.8 77.5 116.3

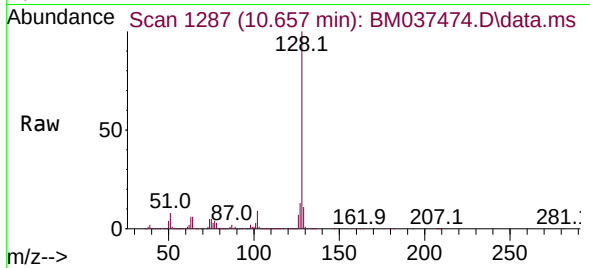
145 29.0 23.5 35.3





#31
Naphthalene
Concen: 45.099 ng
RT: 10.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

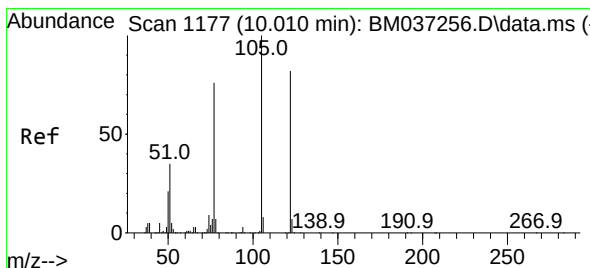
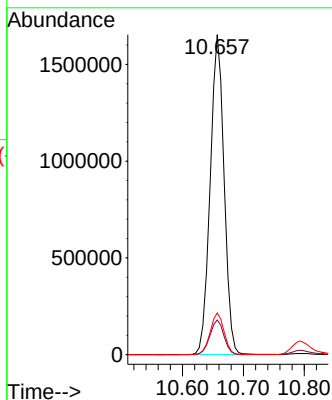
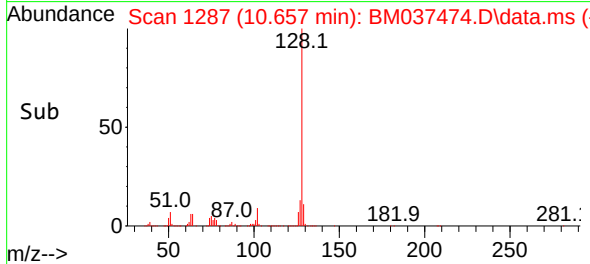
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:128 Resp: 2620088
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.2 15.2

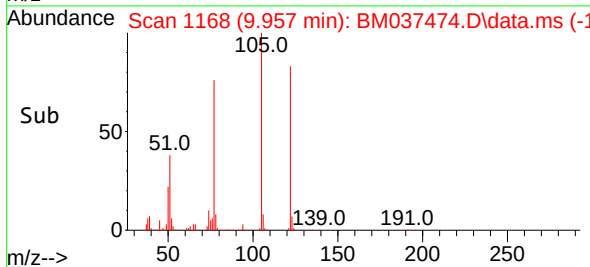
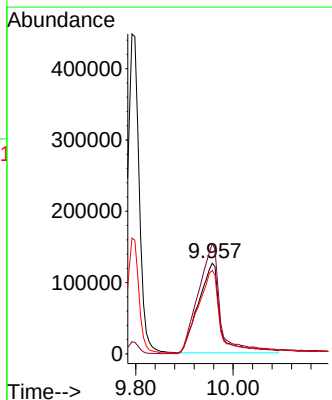
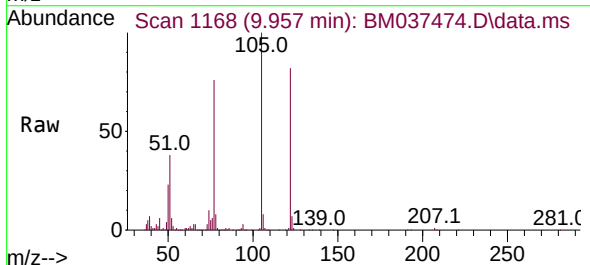
Manual Integrations
APPROVED

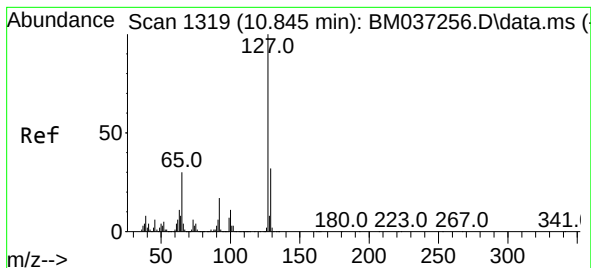
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#32
Benzoic acid
Concen: 34.195 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.023 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:122 Resp: 396802
Ion Ratio Lower Upper
122 100
105 121.6 100.1 140.1
77 92.1 71.7 111.7





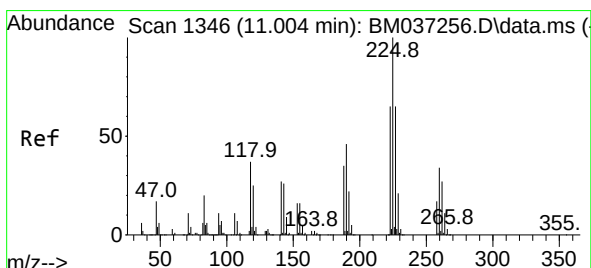
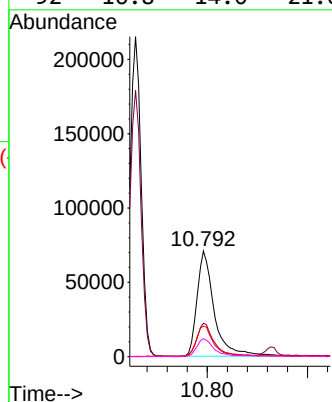
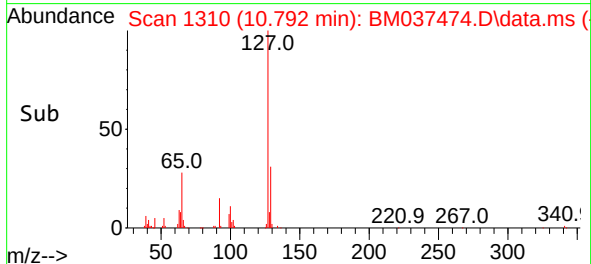
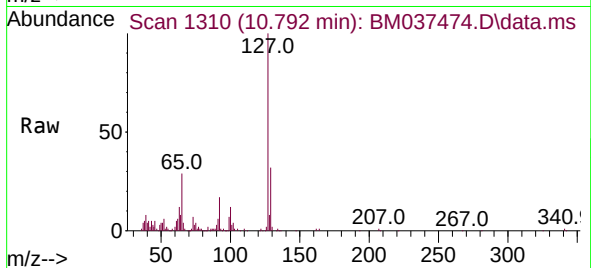
#33
4-Chloroaniline
Concen: 7.280 ng
RT: 10.792 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:127 Resp: 168465
Ion Ratio Lower Upper
127 100
129 31.5 25.5 38.3
65 28.8 24.0 36.0
92 16.8 14.0 21.0

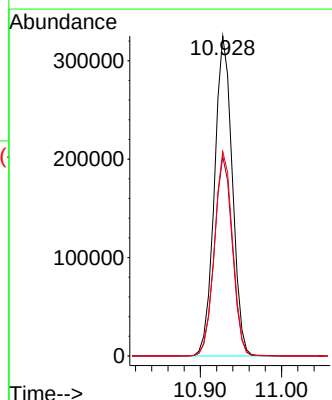
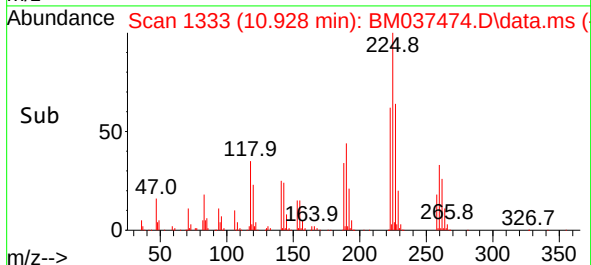
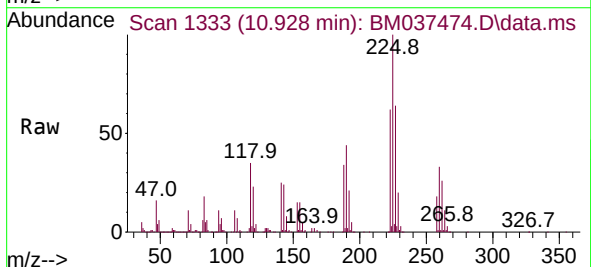
Manual Integrations
APPROVED

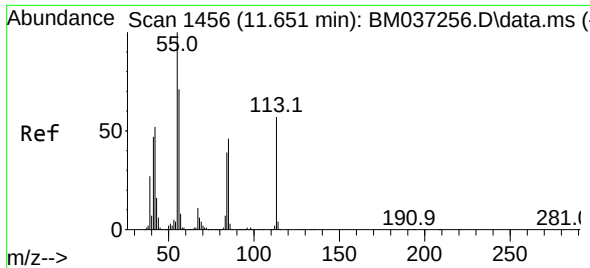
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#34
Hexachlorobutadiene
Concen: 49.813 ng
RT: 10.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

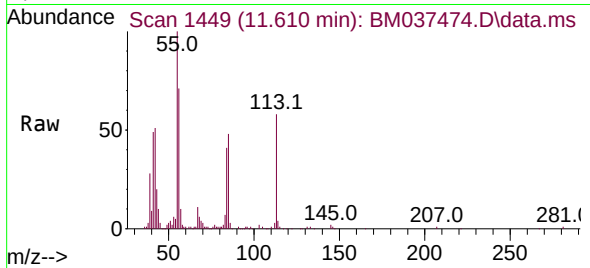
Tgt Ion:225 Resp: 495704
Ion Ratio Lower Upper
225 100
223 62.3 51.9 77.9
227 63.9 52.2 78.4





#35
Caprolactam
Concen: 32.518 ng
RT: 11.610 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

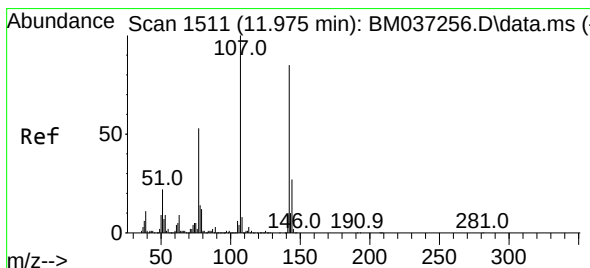
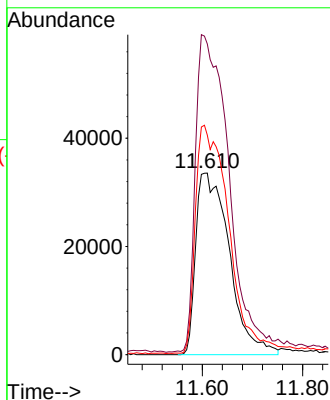
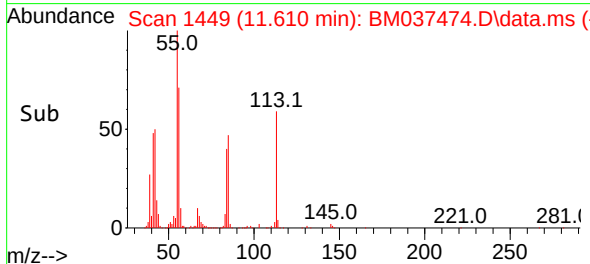
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:113 Resp: 155352
Ion Ratio Lower Upper
113 100
55 171.0 156.9 196.9
56 120.8 106.4 146.4

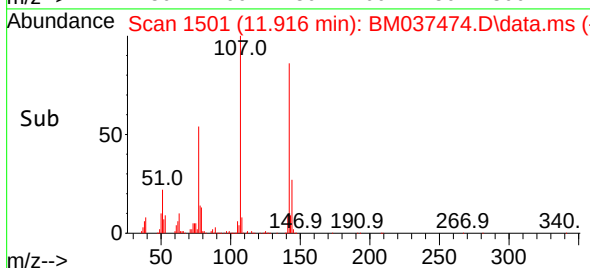
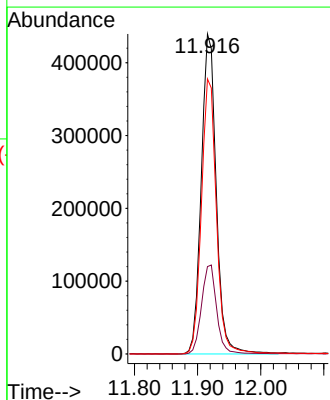
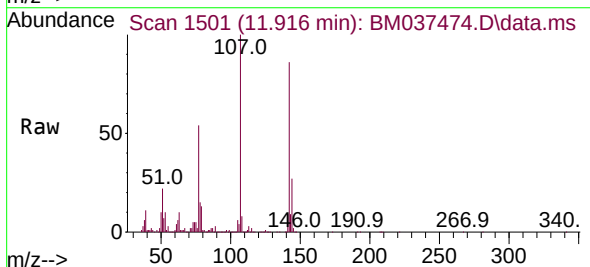
Manual Integrations
APPROVED

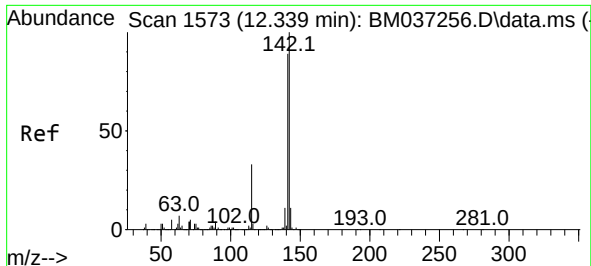
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#36
4-Chloro-3-methylphenol
Concen: 44.693 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:107 Resp: 723792
Ion Ratio Lower Upper
107 100
144 27.3 21.8 32.6
142 85.9 68.1 102.1





#37

2-Methylnaphthalene

Concen: 46.055 ng

RT: 12.269 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:142 Resp: 181284

Ion Ratio Lower Upper

142 100

141 88.8 71.3 106.9

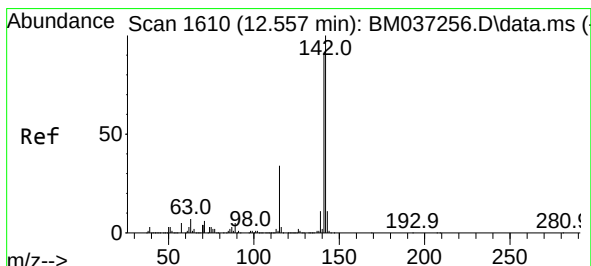
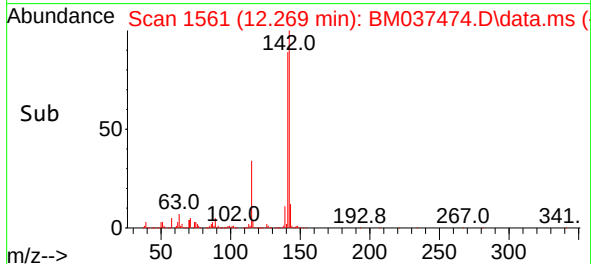
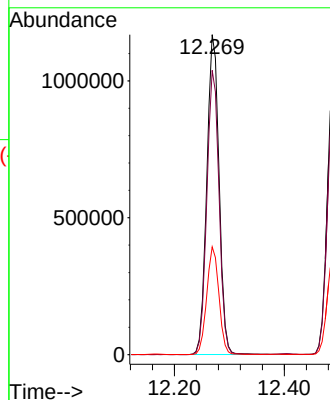
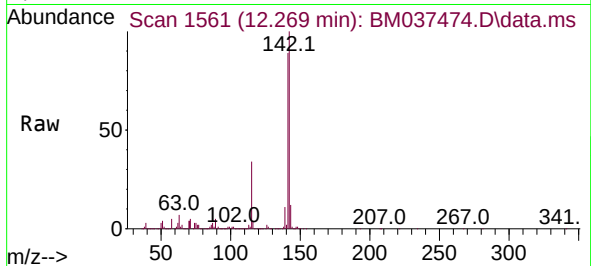
115 33.7 26.0 39.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#38

1-Methylnaphthalene

Concen: 44.244 ng

RT: 12.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

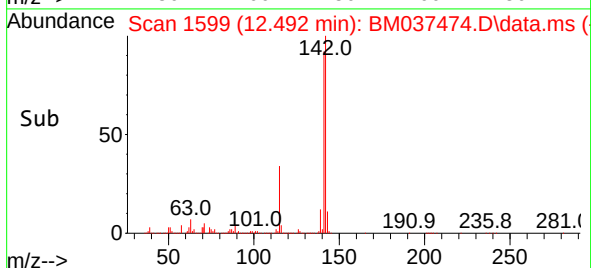
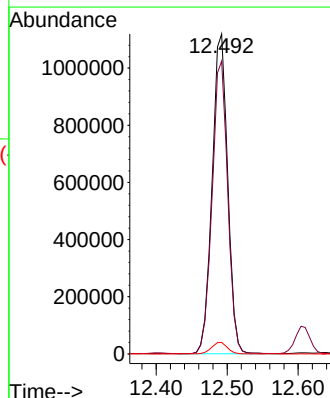
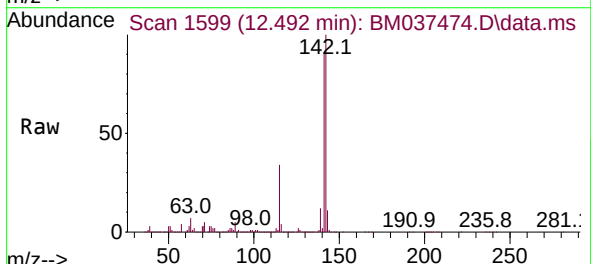
Tgt Ion:142 Resp: 1701659

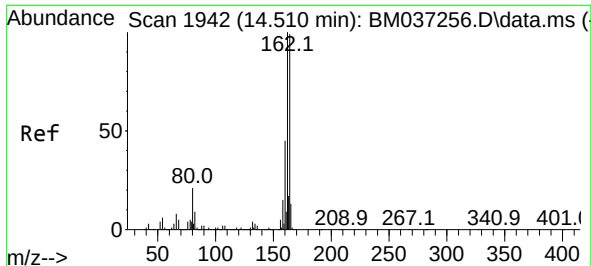
Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.6

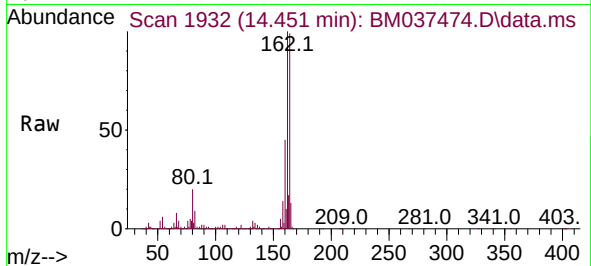
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

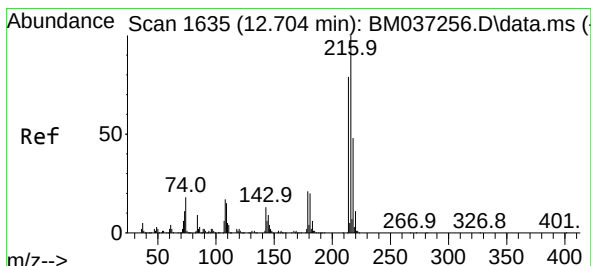
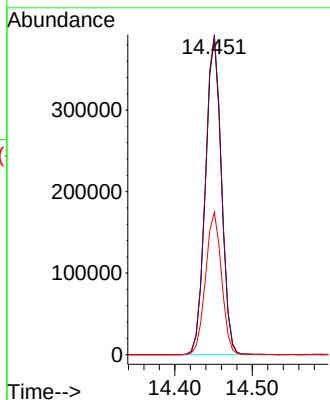
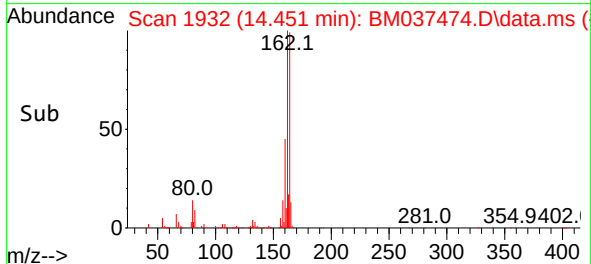
Instrument :
BNA_M
ClientSampleId :
2182MS



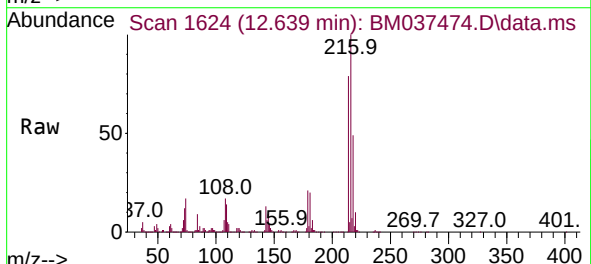
Tgt Ion:164 Resp: 553868
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.0 36.2 54.4

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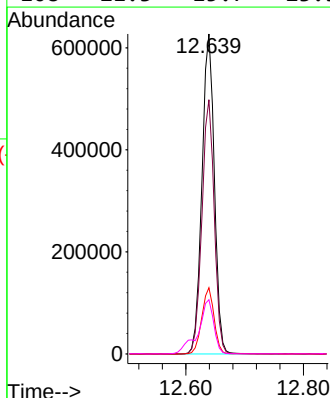
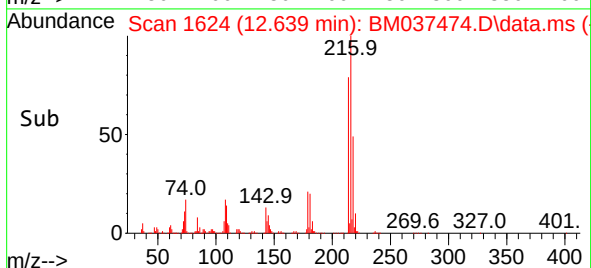
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

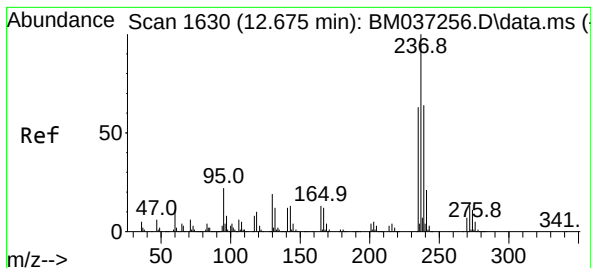


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.173 ng
RT: 12.639 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28



Tgt Ion:216 Resp: 918808
Ion Ratio Lower Upper
216 100
214 79.0 63.1 94.7
179 20.4 16.8 25.2
108 21.3 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 145.533 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:237 Resp: 115471

Ion Ratio Lower Upper

237 100

235 62.0 42.9 82.9

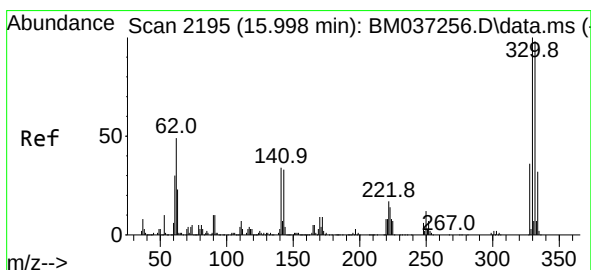
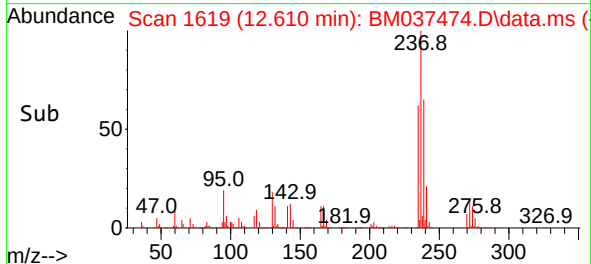
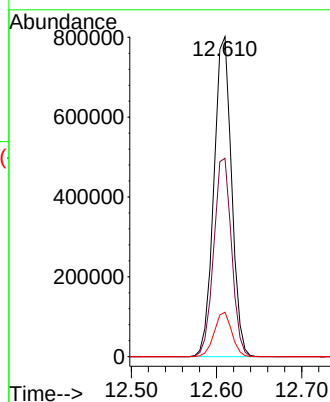
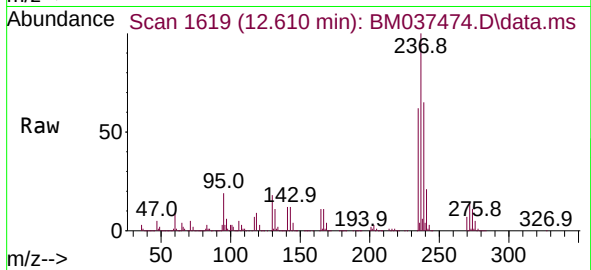
272 13.9 0.0 33.1

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: 162.641 ng

RT: 15.945 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

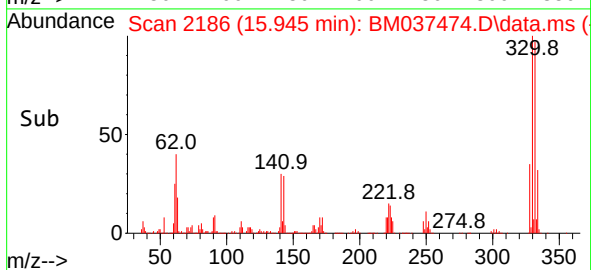
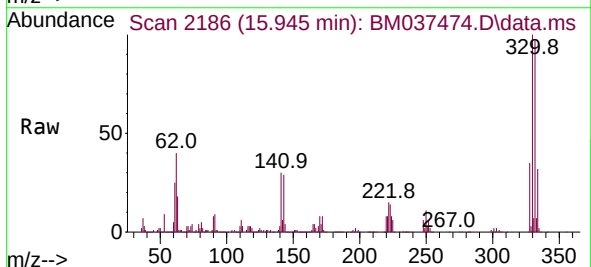
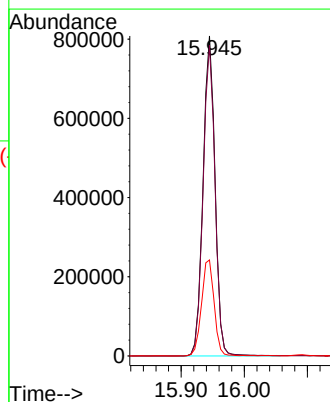
Tgt Ion:330 Resp: 1061584

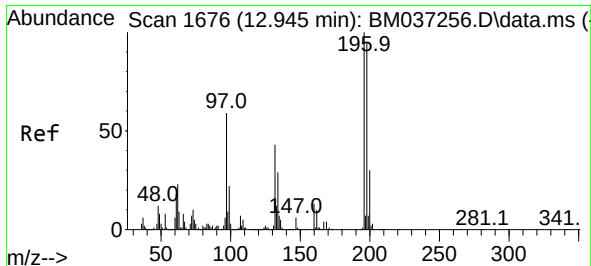
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

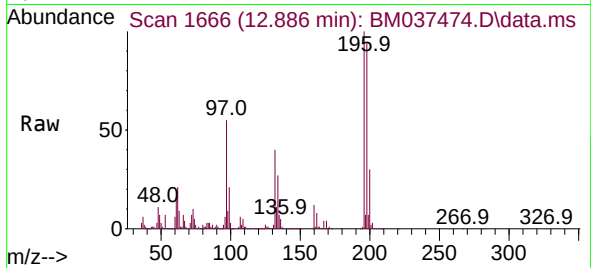
141 31.8 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 51.455 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

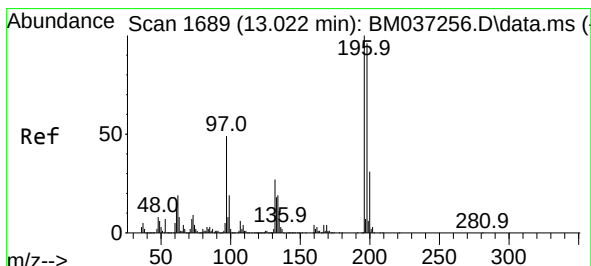
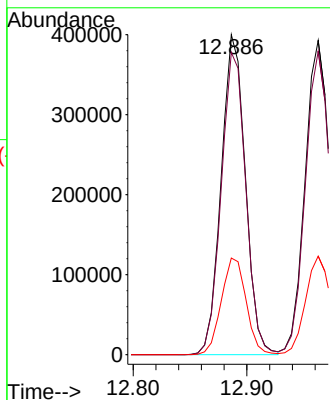
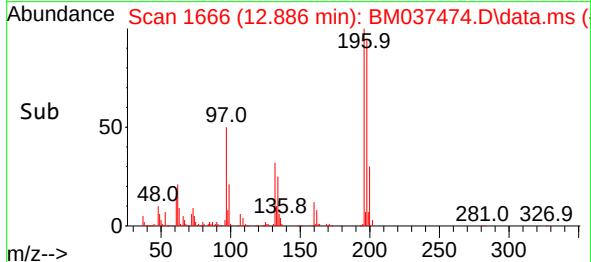
Instrument :
BNA_M
ClientSampleId :
2182MS



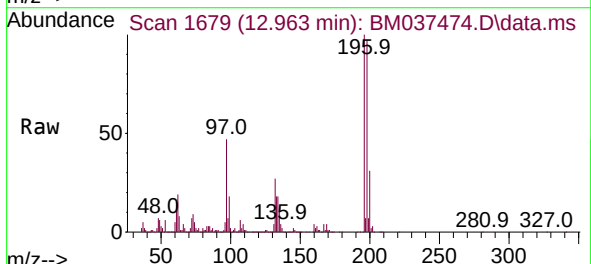
Tgt Ion:196 Resp: 589883
Ion Ratio Lower Upper
196 100
198 94.4 76.1 114.1
200 30.2 24.4 36.6

Manual Integrations
APPROVED

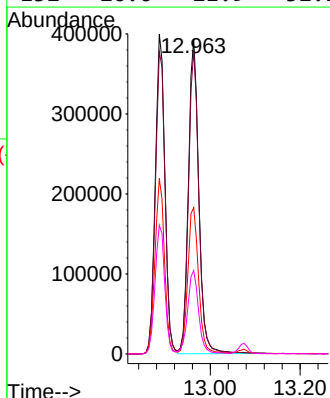
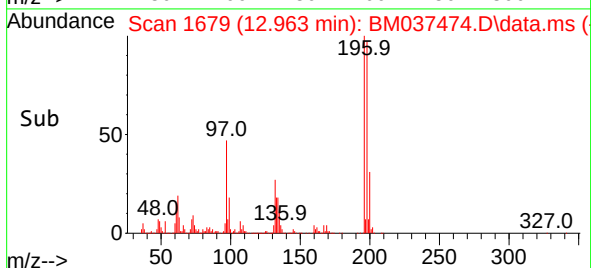
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

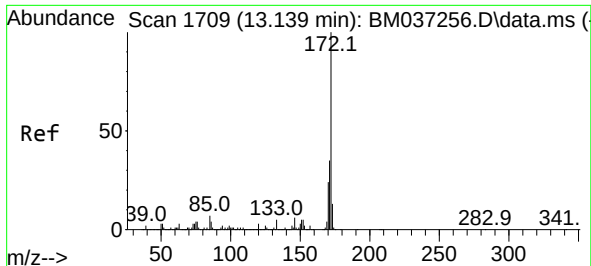


#44
2,4,5-Trichlorophenol
Concen: 50.281 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28



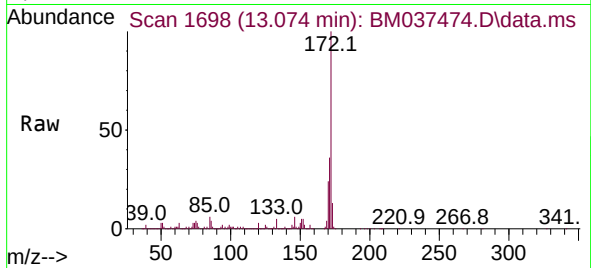
Tgt Ion:196 Resp: 635864
Ion Ratio Lower Upper
196 100
198 96.6 77.0 115.6
97 46.6 39.4 59.2
132 26.6 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 94.404 ng
RT: 13.074 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

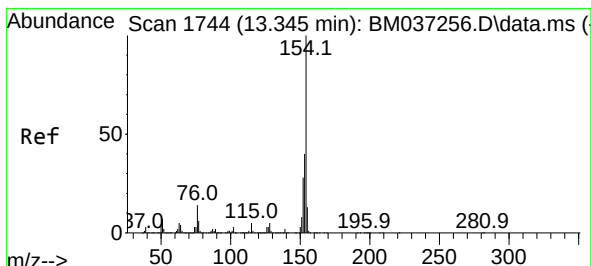
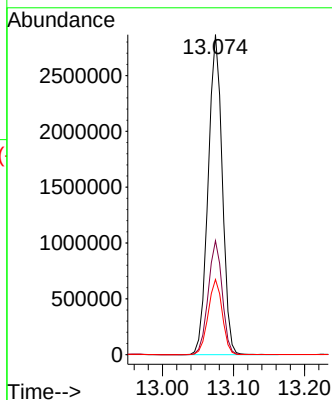
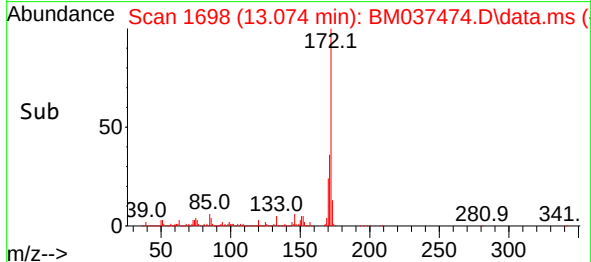
Instrument :
BNA_M
ClientSampleId :
2182MS



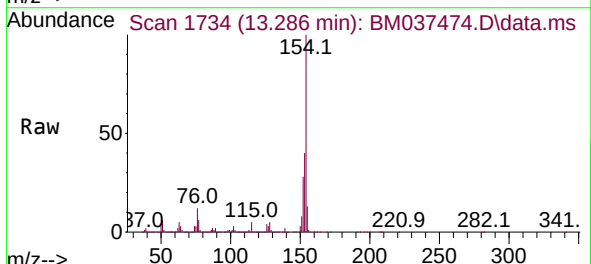
Tgt Ion:172 Resp: 3935233
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.5 19.0 28.4

Manual Integrations
APPROVED

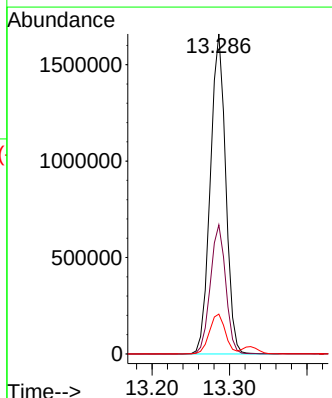
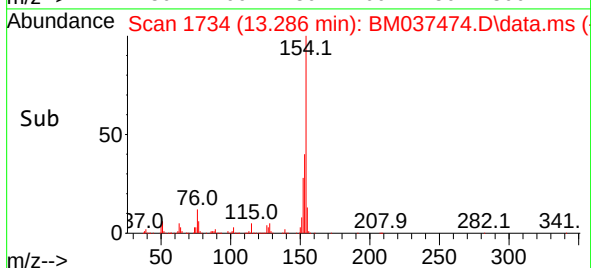
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

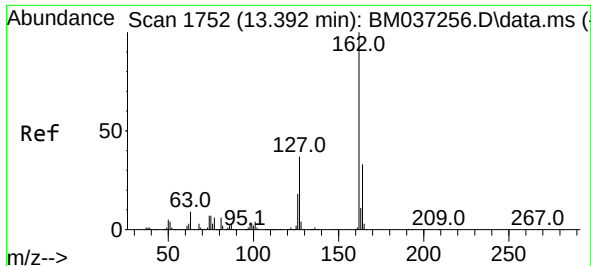


#46
1,1'-Biphenyl
Concen: 51.072 ng
RT: 13.286 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28



Tgt Ion:154 Resp: 2282741
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 12.4 0.0 33.7





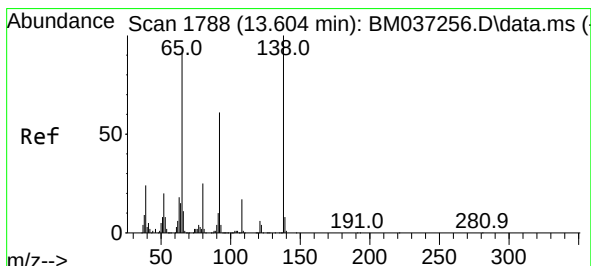
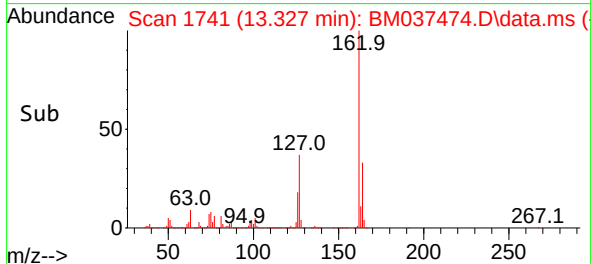
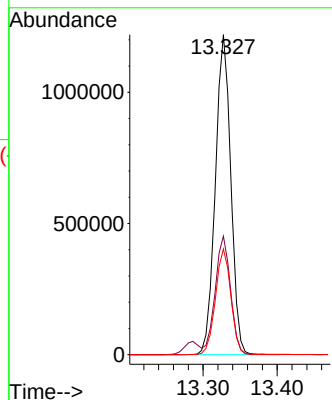
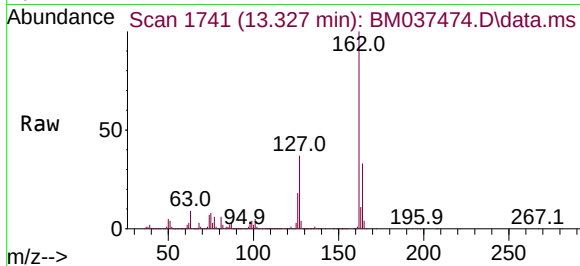
#47
2-Chloronaphthalene
Concen: 49.560 ng
RT: 13.327 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:162 Resp: 1762780
Ion Ratio Lower Upper
162 100
127 37.0 29.5 44.3
164 33.0 26.3 39.5

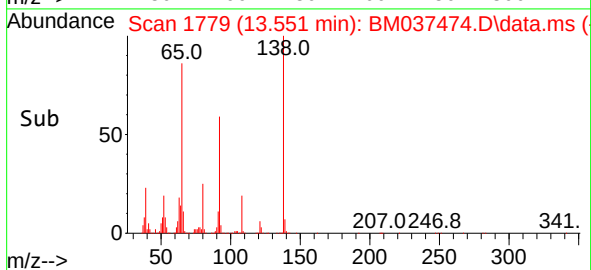
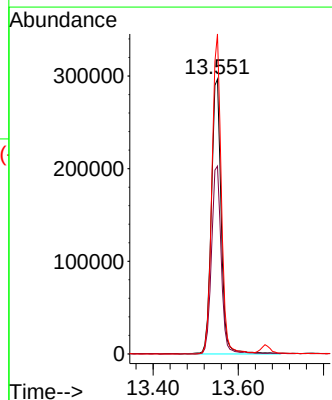
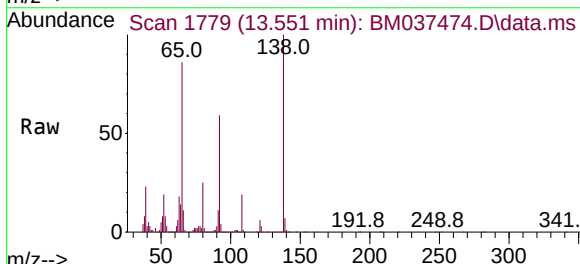
Manual Integrations
APPROVED

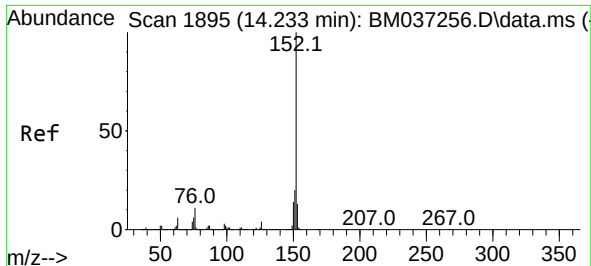
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#48
2-Nitroaniline
Concen: 46.157 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

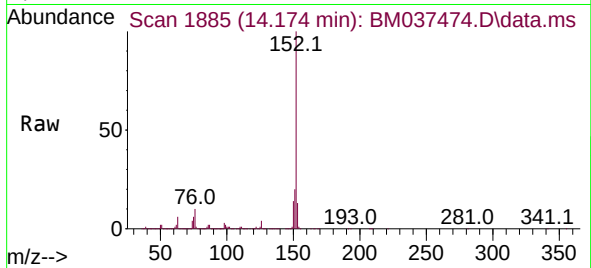
Tgt Ion: 65 Resp: 474435
Ion Ratio Lower Upper
65 100
92 68.4 53.7 80.5
138 116.5 87.4 131.2





#49
Acenaphthylene
Concen: 48.341 ng
RT: 14.174 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

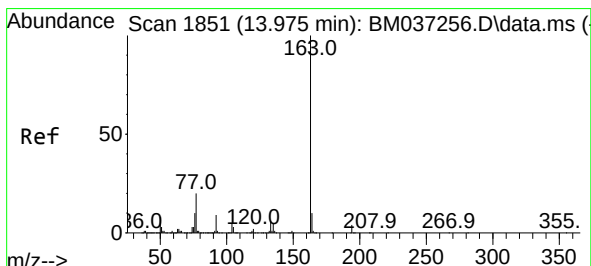
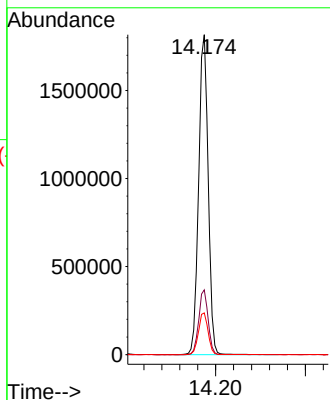
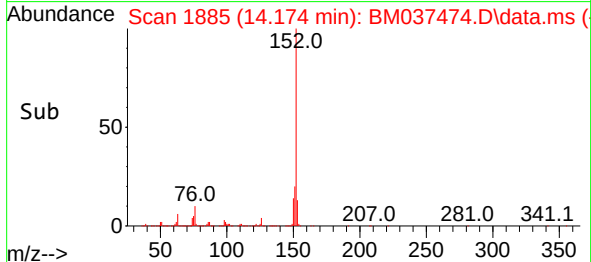
Instrument :
BNA_M
ClientSampleId :
2182MS



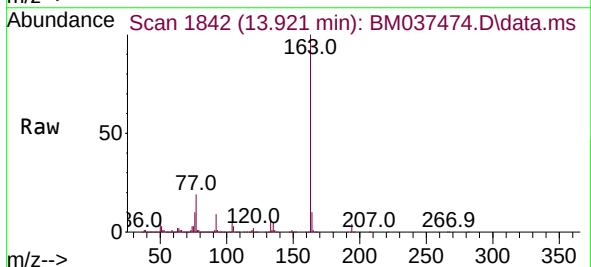
Tgt Ion:152 Resp: 2669108
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.0 10.6 15.8

Manual Integrations
APPROVED

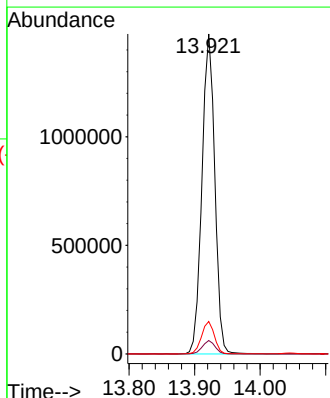
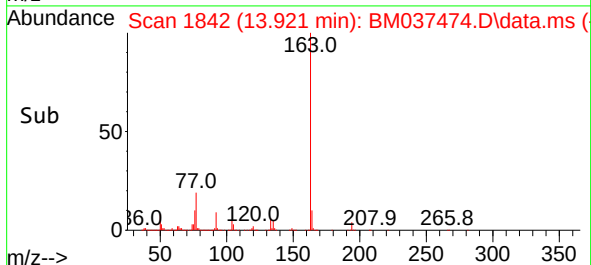
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

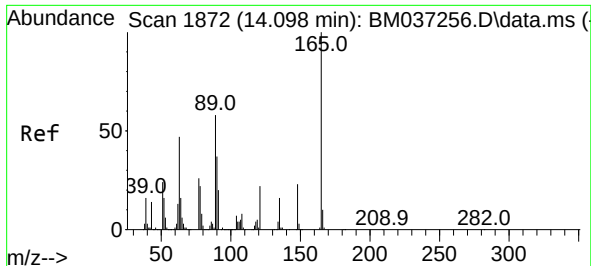


#50
Dimethylphthalate
Concen: 47.057 ng
RT: 13.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28



Tgt Ion:163 Resp: 1990766
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.2 8.2 12.2





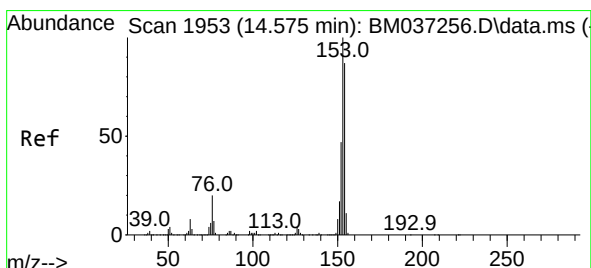
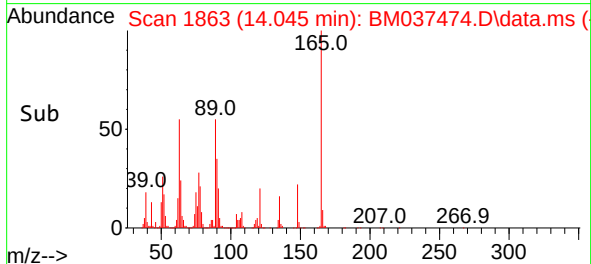
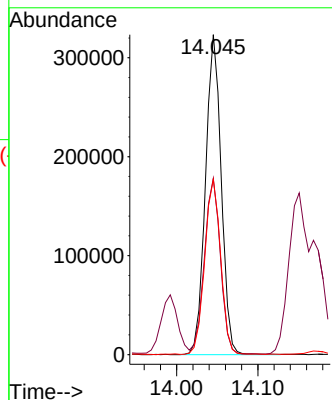
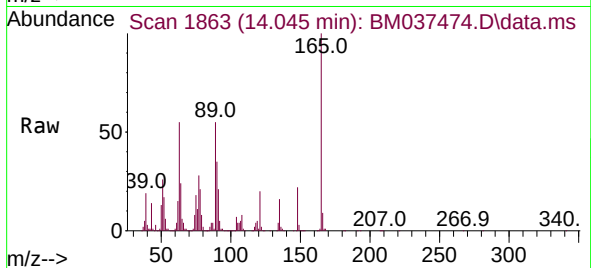
#51
2,6-Dinitrotoluene
Concen: 48.728 ng
RT: 14.045 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:165 Resp: 436551
Ion Ratio Lower Upper
165 100
63 55.1 46.2 69.2
89 54.8 46.6 69.8

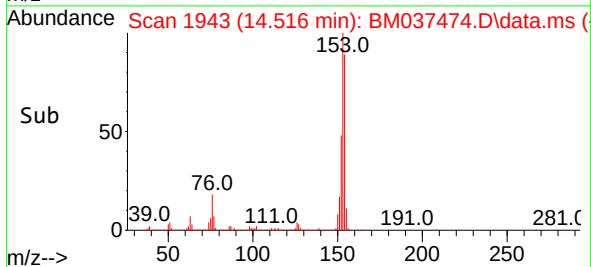
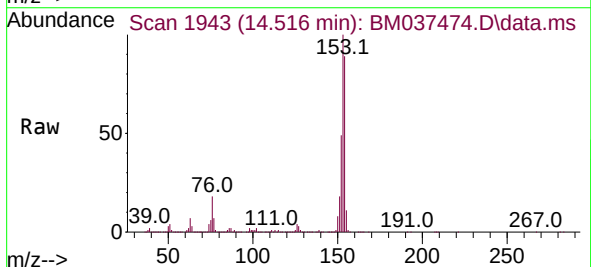
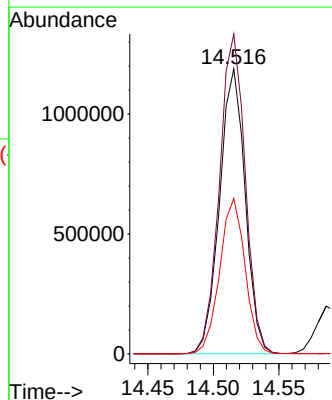
Manual Integrations
APPROVED

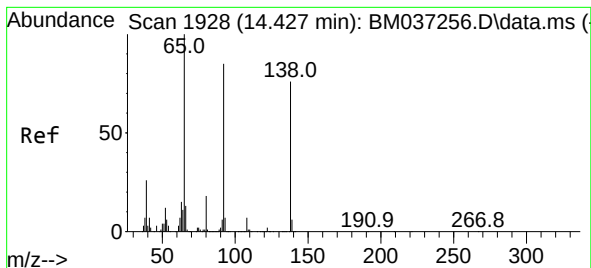
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#52
Acenaphthene
Concen: 47.283 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:154 Resp: 1613992
Ion Ratio Lower Upper
154 100
153 112.3 91.5 137.3
152 54.6 43.0 64.6





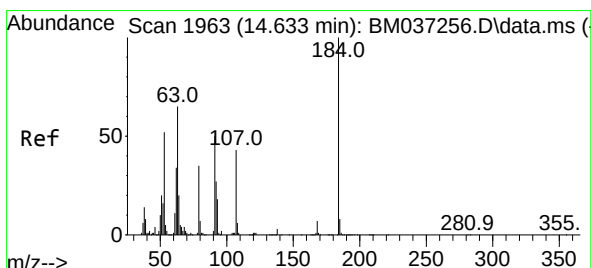
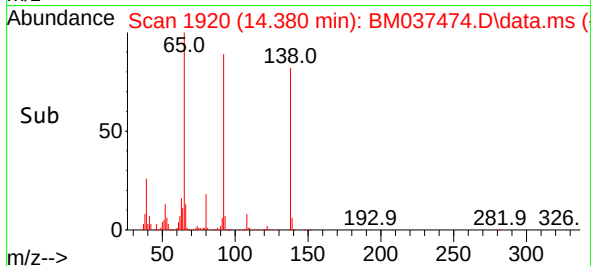
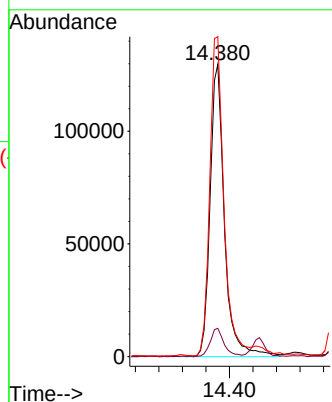
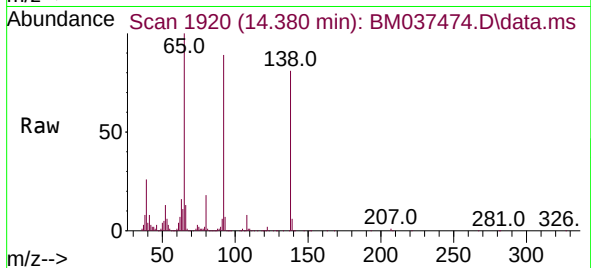
#53
3-Nitroaniline
Concen: 21.922 ng
RT: 14.380 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:138 Resp: 219409
Ion Ratio Lower Upper
138 100
108 9.6 7.3 10.9
92 109.5 89.8 134.8

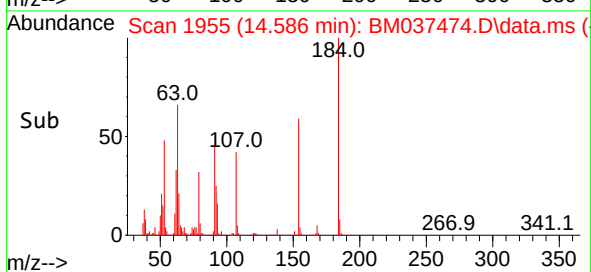
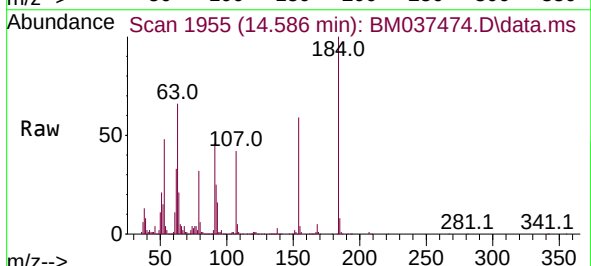
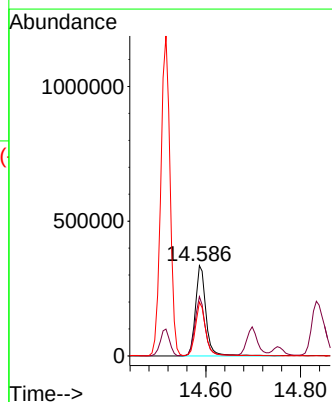
Manual Integrations
APPROVED

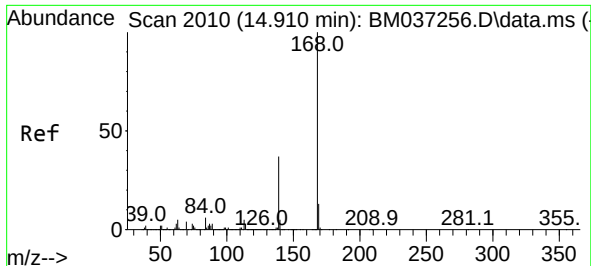
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#54
2,4-Dinitrophenol
Concen: 86.610 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

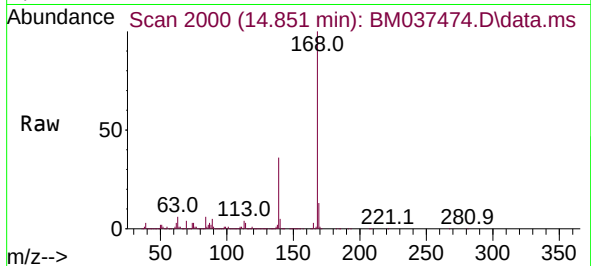
Tgt Ion:184 Resp: 514325
Ion Ratio Lower Upper
184 100
63 65.7 57.7 86.5
154 59.5 48.3 72.5





#55
Dibenzenofuran
Concen: 47.594 ng
RT: 14.851 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

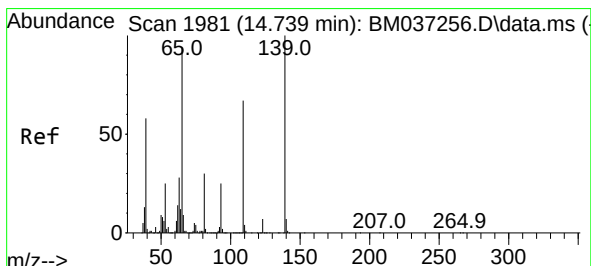
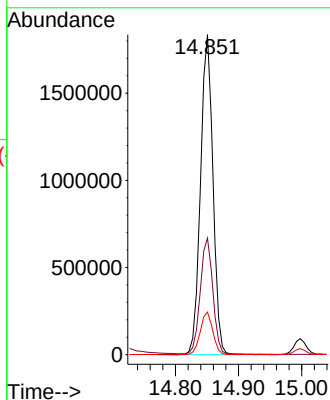
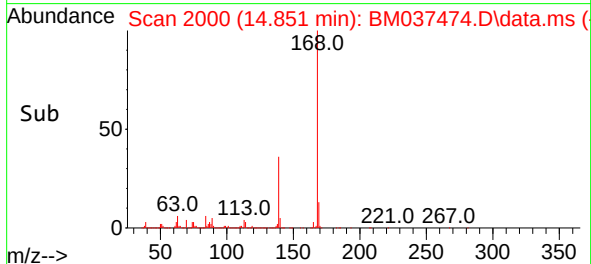
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:168 Resp: 250225
Ion Ratio Lower Upper
168 100
139 36.4 29.3 43.9
169 13.3 10.6 16.0

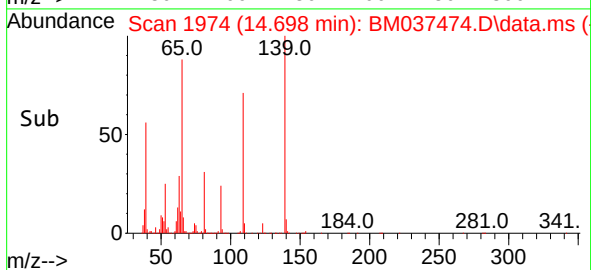
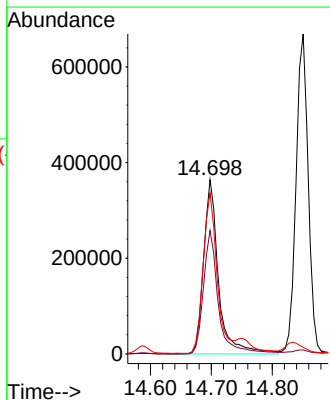
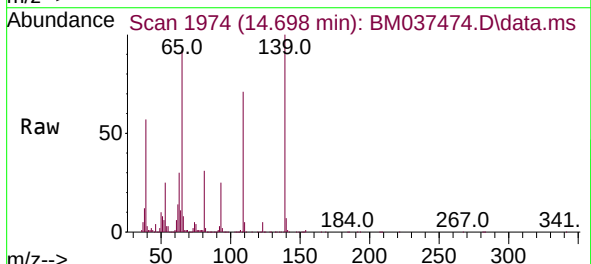
Manual Integrations
APPROVED

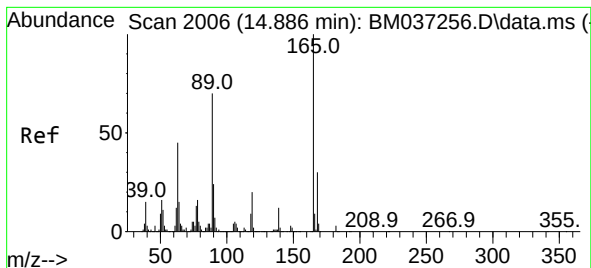
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#56
4-Nitrophenol
Concen: 77.590 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

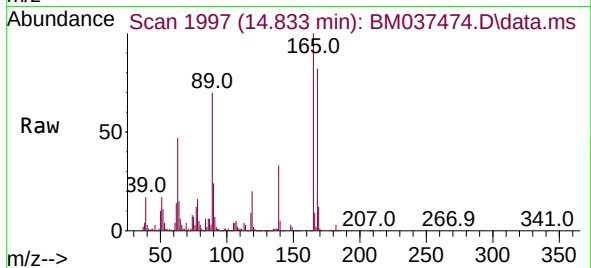
Tgt Ion:139 Resp: 619521
Ion Ratio Lower Upper
139 100
109 70.8 47.4 87.4
65 92.4 73.8 113.8





#57
2,4-Dinitrotoluene
Concen: 49.135 ng
RT: 14.833 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

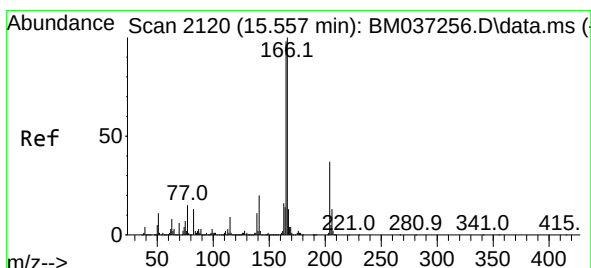
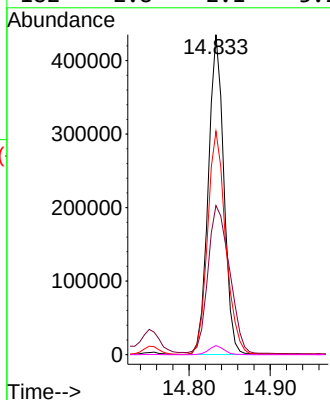
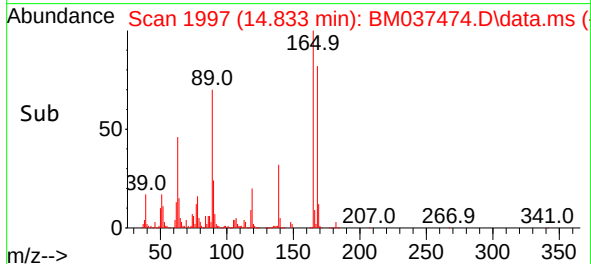
Instrument :
BNA_M
ClientSampleId :
2182MS



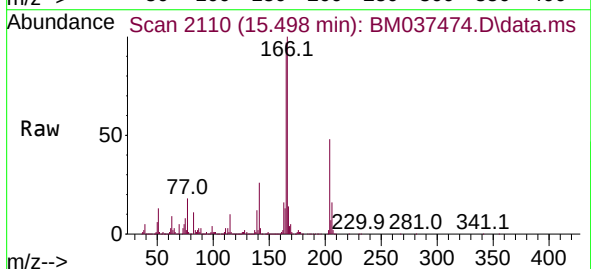
Tgt Ion:165 Resp: 57924
Ion Ratio Lower Upper
165 100
63 46.6 36.3 54.5
89 69.8 56.3 84.5
182 2.8 2.1 3.1

Manual Integrations
APPROVED

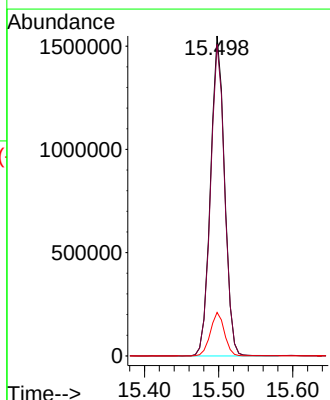
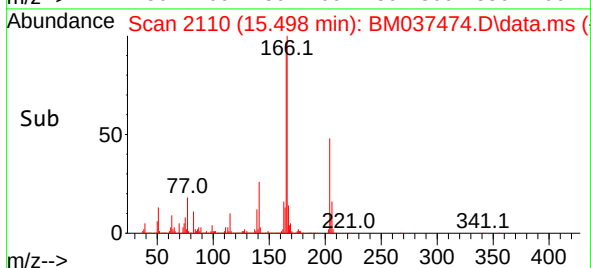
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

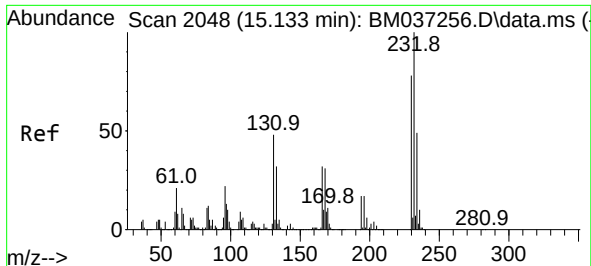


#58
Fluorene
Concen: 46.672 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28



Tgt Ion:166 Resp: 2048196
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.4
167 13.6 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.065 ng

RT: 15.080 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:232 Resp: 509472

Ion Ratio Lower Upper

232 100

131 45.1 37.8 56.8

130 2.4 1.9 2.9

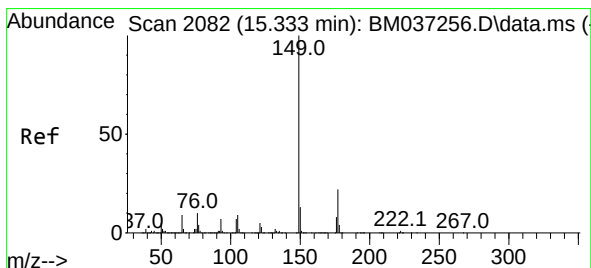
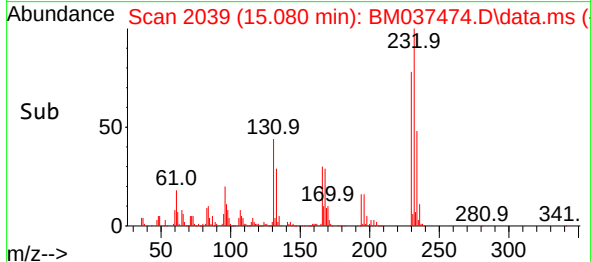
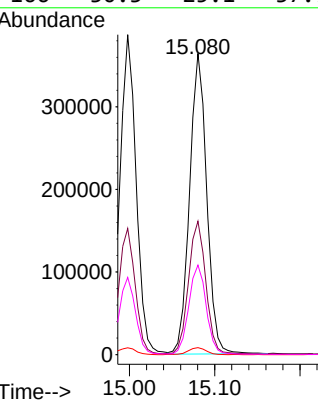
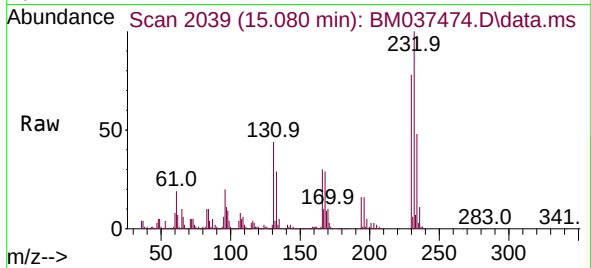
166 30.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#60

Diethylphthalate

Concen: 46.996 ng

RT: 15.280 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

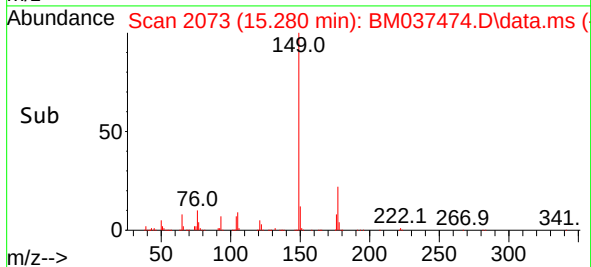
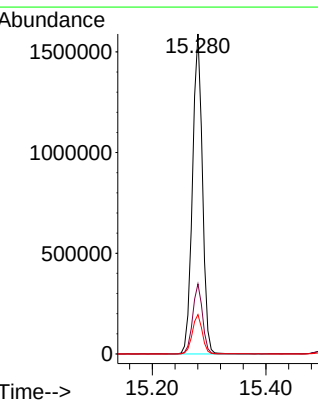
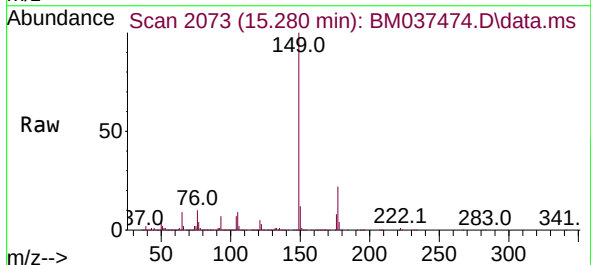
Tgt Ion:149 Resp: 1932360

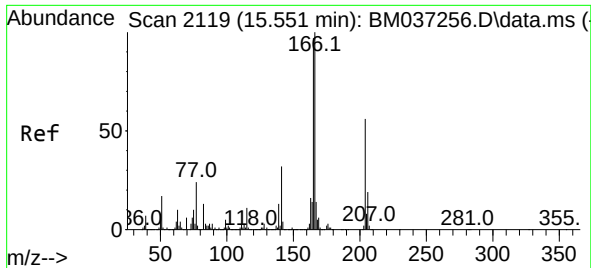
Ion Ratio Lower Upper

149 100

177 21.9 17.4 26.0

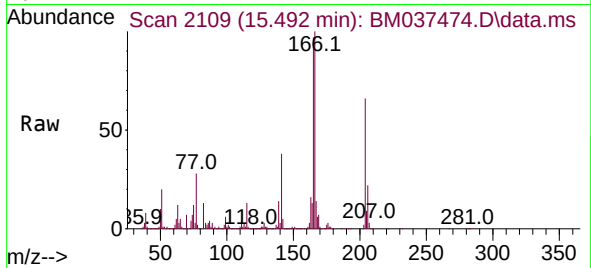
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.543 ng
RT: 15.492 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

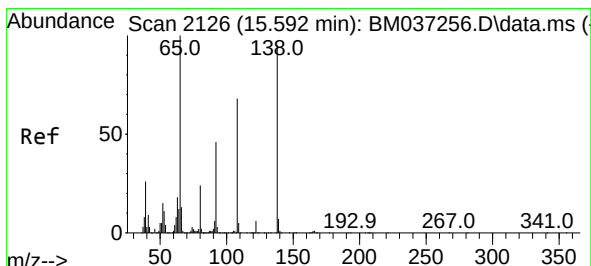
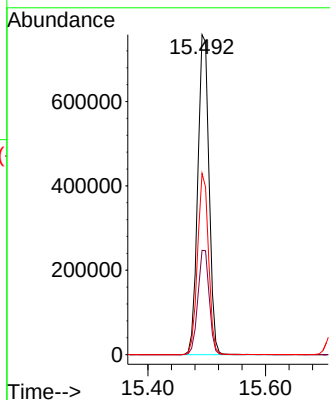
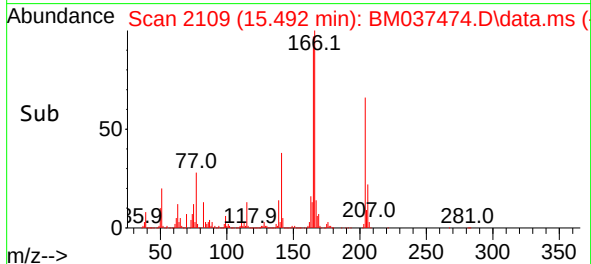
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:204 Resp: 1005862
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 56.6 45.2 67.8

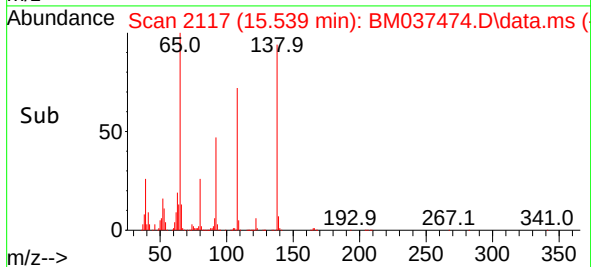
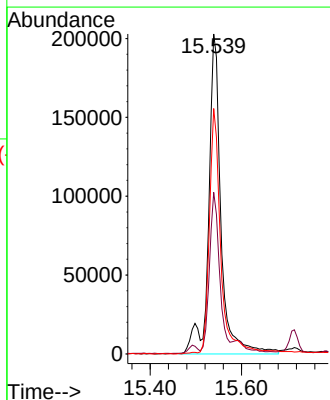
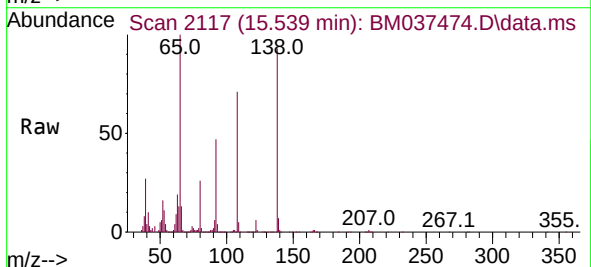
Manual Integrations
APPROVED

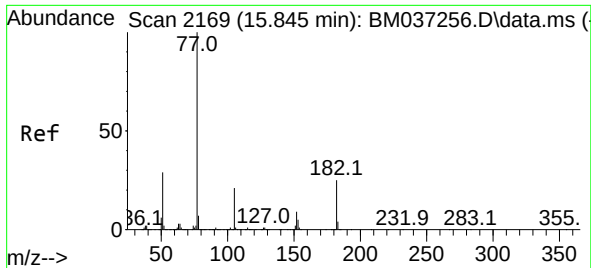
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#62
4-Nitroaniline
Concen: 37.977 ng m
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

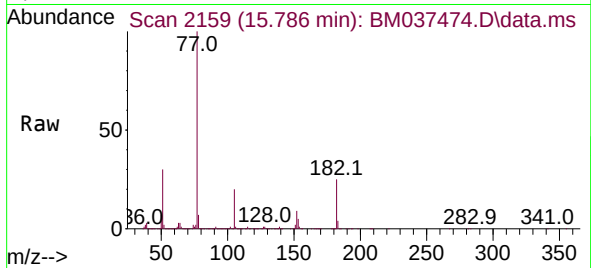
Tgt Ion:138 Resp: 381205
Ion Ratio Lower Upper
138 100
92 50.5 28.1 68.1
108 76.7 51.3 91.3





#63
Azobenzene
Concen: 45.812 ng
RT: 15.786 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

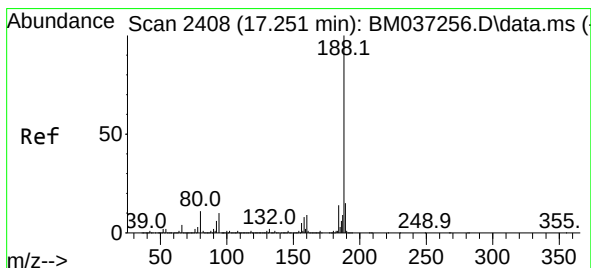
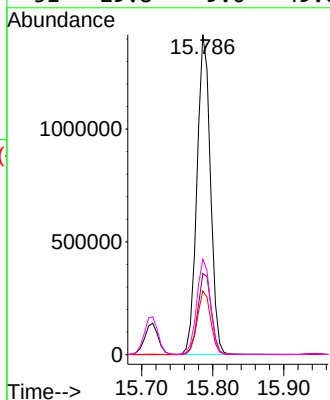
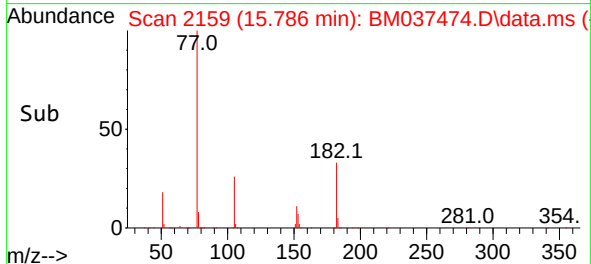
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion: 77 Resp: 185566
Ion Ratio Lower Upper
77 100
182 25.3 5.1 45.1
105 19.9 0.5 40.5
51 29.8 9.0 49.0

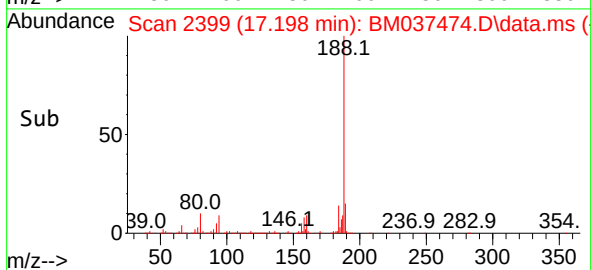
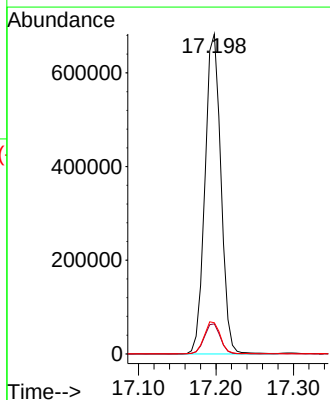
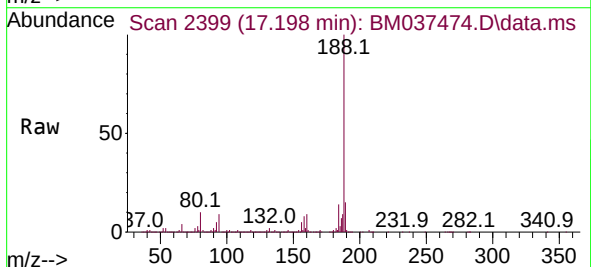
Manual Integrations
APPROVED

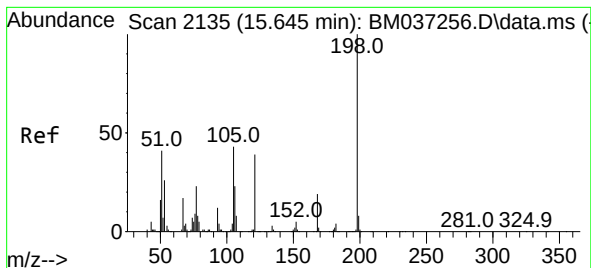
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:188 Resp: 974385
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 9.7 8.5 12.7





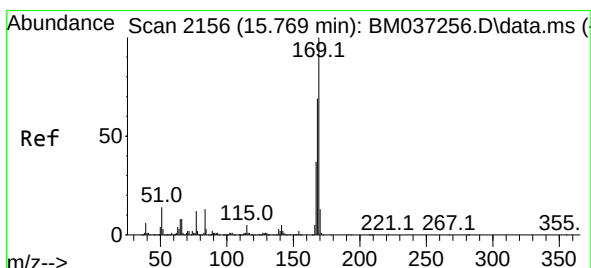
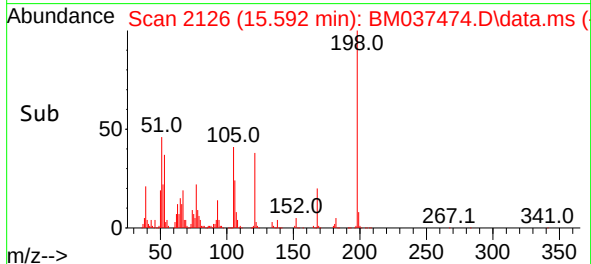
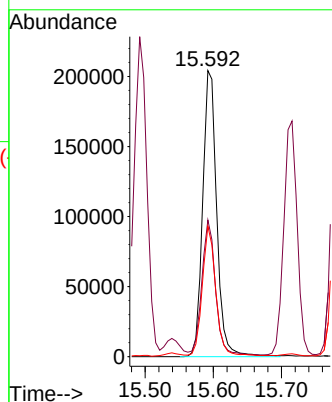
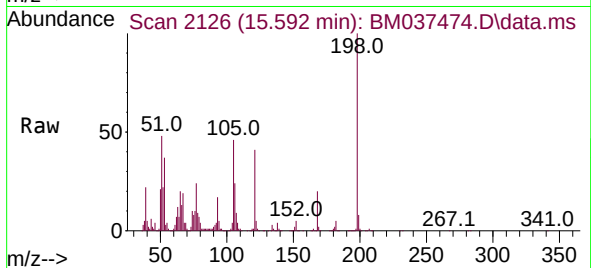
#65
4,6-Dinitro-2-methylphenol
Concen: 43.618 ng
RT: 15.592 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:198 Resp: 293020
Ion Ratio Lower Upper
198 100
51 47.8 26.8 66.8
105 45.6 24.1 64.1

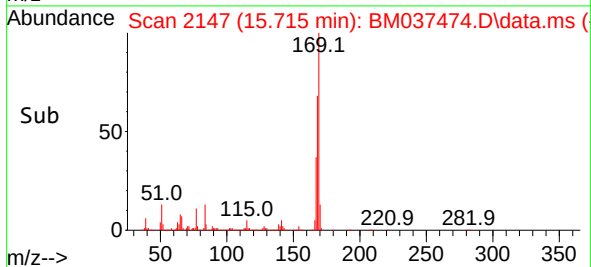
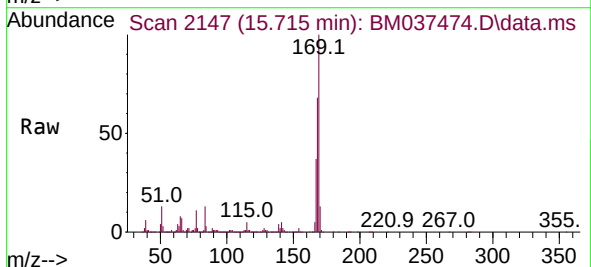
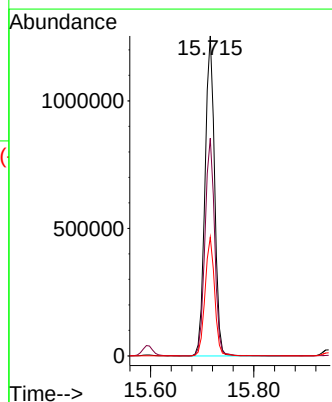
Manual Integrations
APPROVED

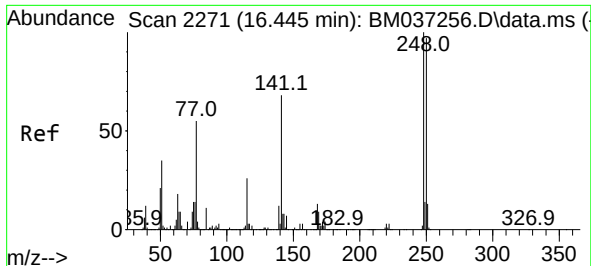
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#66
n-Nitrosodiphenylamine
Concen: 48.941 ng
RT: 15.715 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

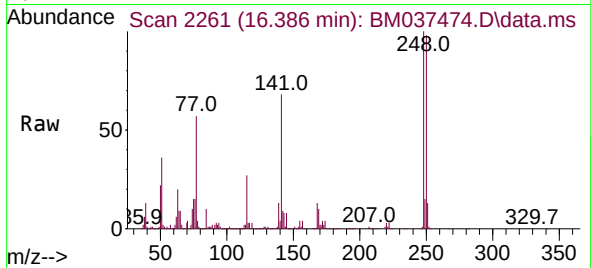
Tgt Ion:169 Resp: 1611874
Ion Ratio Lower Upper
169 100
168 68.0 54.8 82.2
167 37.1 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 53.632 ng
RT: 16.386 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

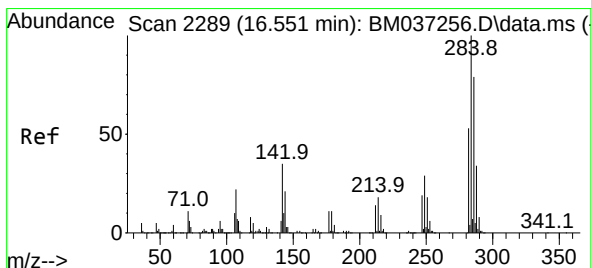
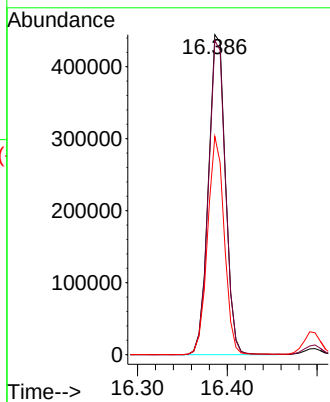
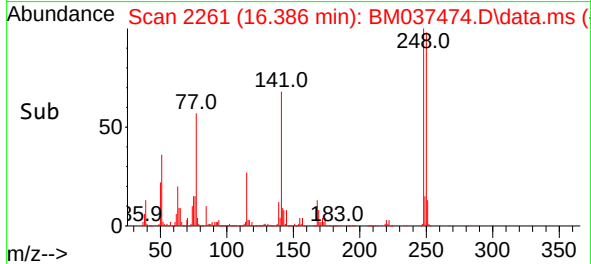
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:248 Resp: 586433
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.6
141 68.2 54.2 81.2

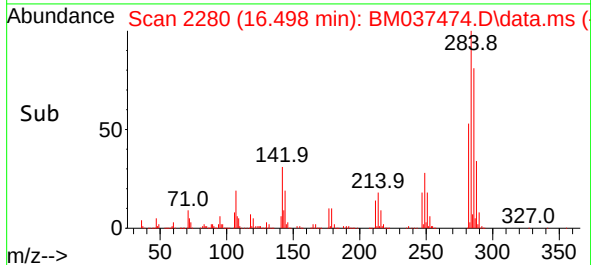
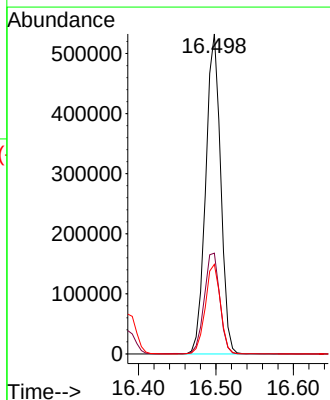
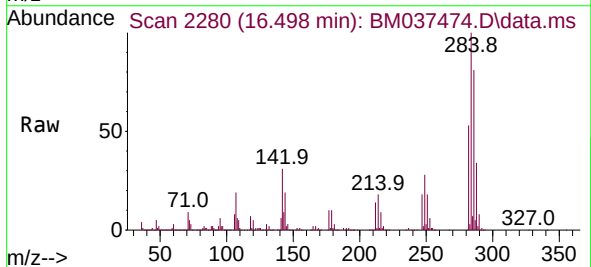
Manual Integrations
APPROVED

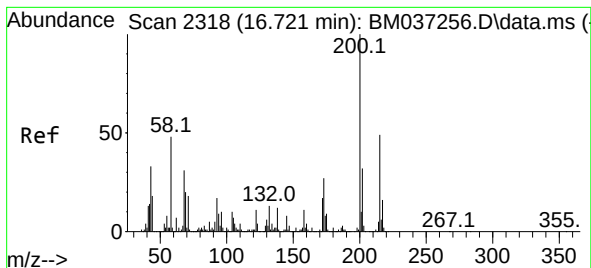
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#68
Hexachlorobenzene
Concen: 53.824 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:284 Resp: 712240
Ion Ratio Lower Upper
284 100
142 31.5 28.2 42.4
249 28.0 23.1 34.7





#69

Atrazine

Concen: 62.822 ng

RT: 16.674 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:200 Resp: 520600

Ion Ratio Lower Upper

200 100

173 26.3 6.8 46.8

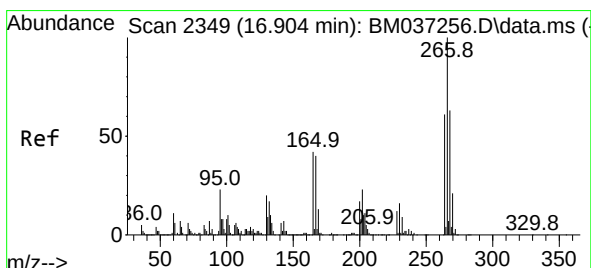
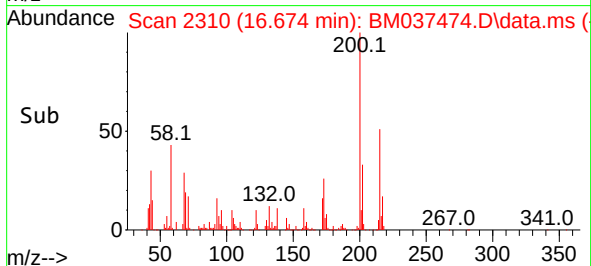
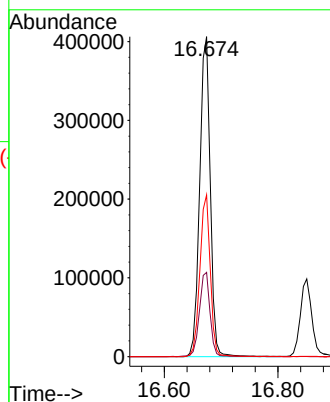
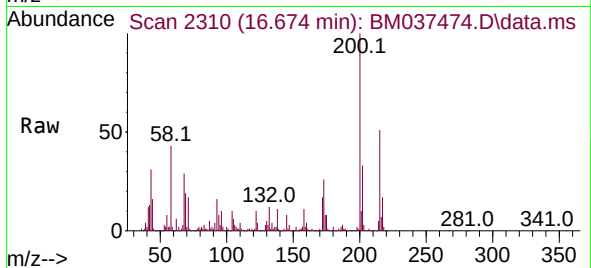
215 50.5 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#70

Pentachlorophenol

Concen: 106.158 ng

RT: 16.851 min Scan# 2340

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

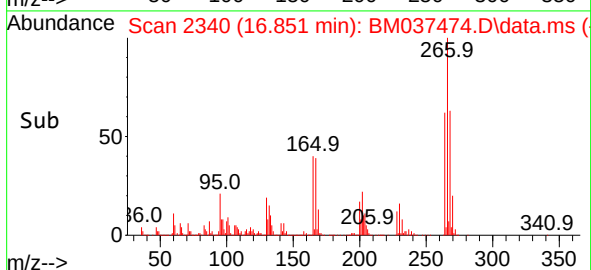
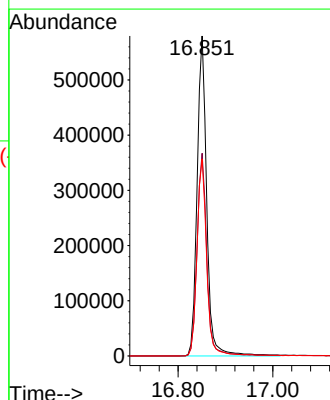
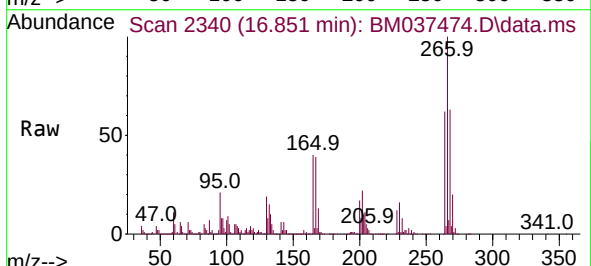
Tgt Ion:266 Resp: 817411

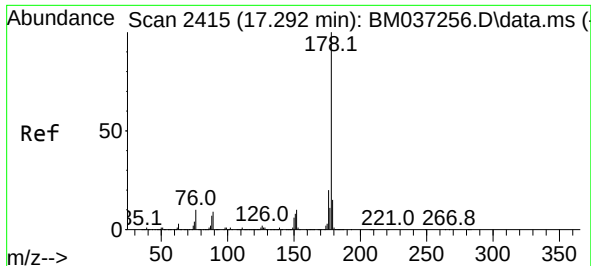
Ion Ratio Lower Upper

266 100

268 63.4 50.7 76.1

264 61.6 49.1 73.7





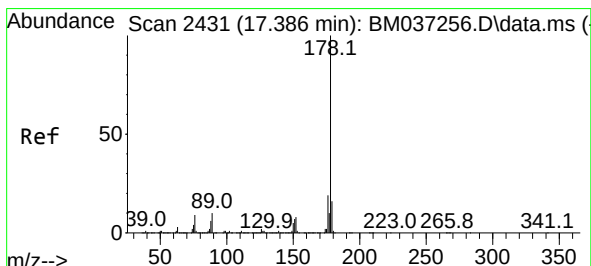
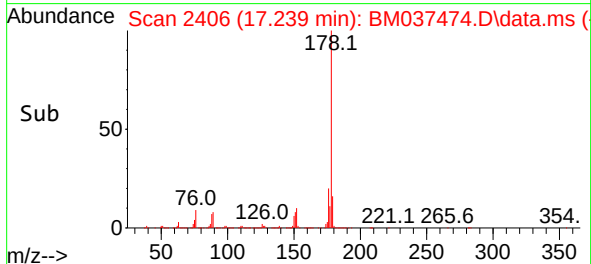
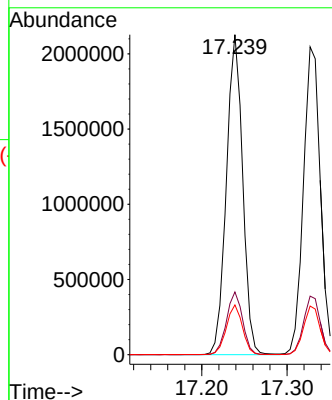
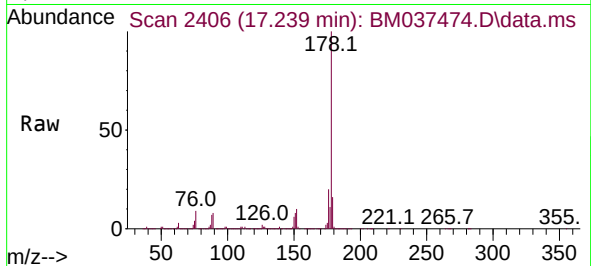
#71
Phenanthrene
Concen: 46.629 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:178 Resp: 281880
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.5 12.4 18.6

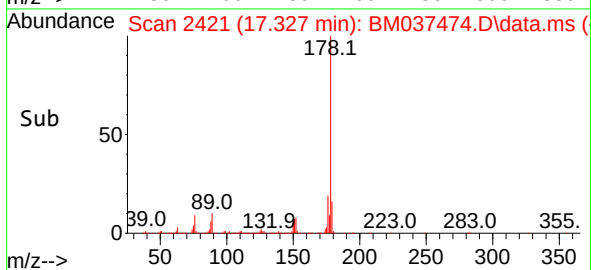
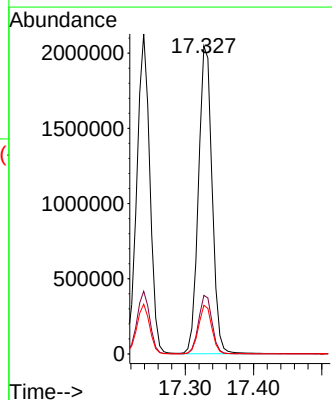
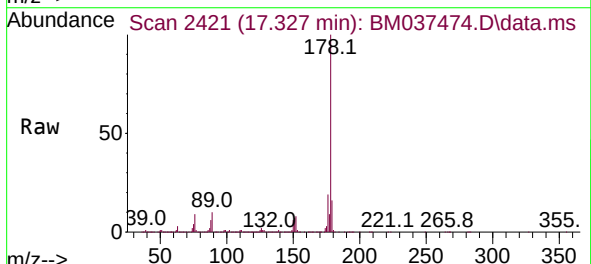
Manual Integrations
APPROVED

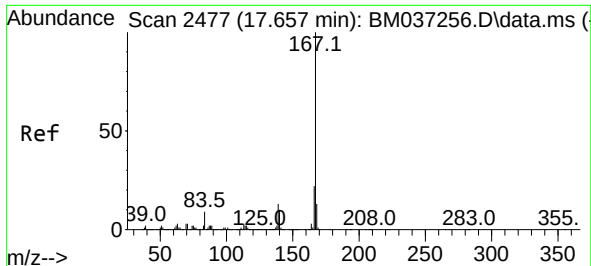
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#72
Anthracene
Concen: 49.688 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

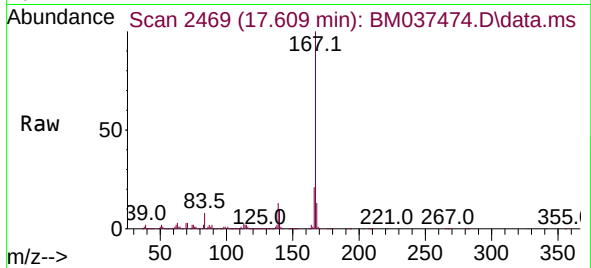
Tgt Ion:178 Resp: 2843652
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 46.410 ng
 RT: 17.609 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM037474.D
 Acq: 11 Nov 2022 19:28

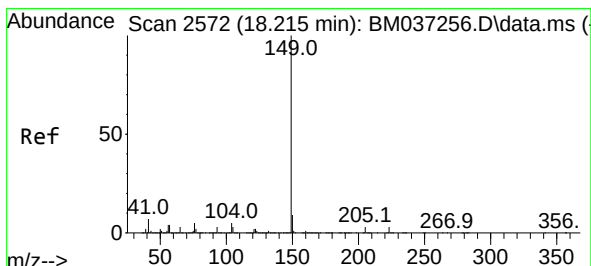
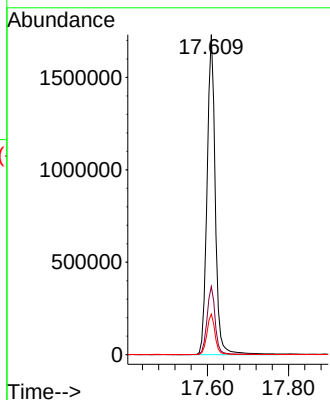
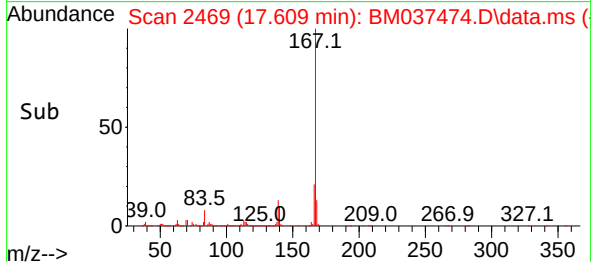
Instrument :
 BNA_M
 ClientSampleId :
 2182MS



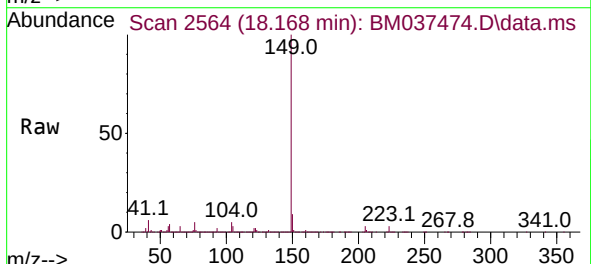
Tgt Ion:167 Resp: 2436346
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 12.7 10.4 15.6

Manual Integrations
 APPROVED

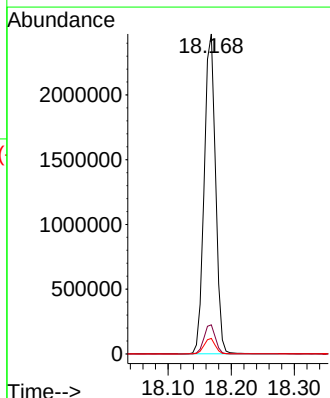
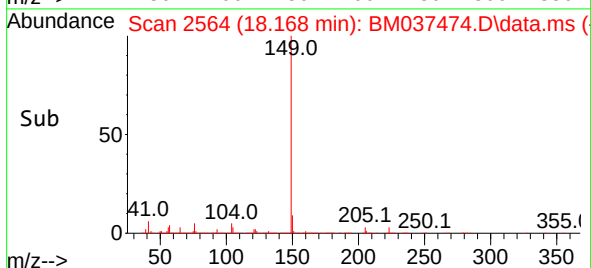
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

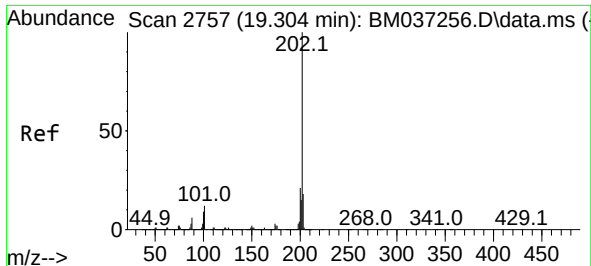


#74
 Di-n-butylphthalate
 Concen: 52.924 ng
 RT: 18.168 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BM037474.D
 Acq: 11 Nov 2022 19:28



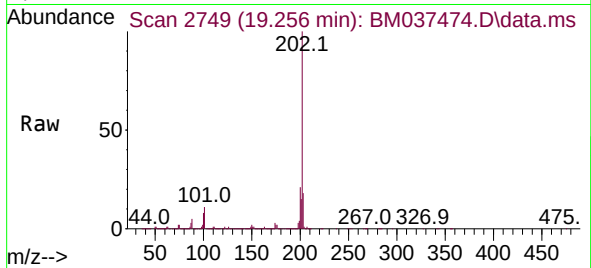
Tgt Ion:149 Resp: 3067825
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 45.805 ng
RT: 19.256 min Scan# 21182MS
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

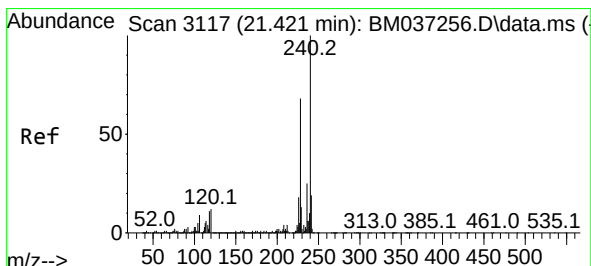
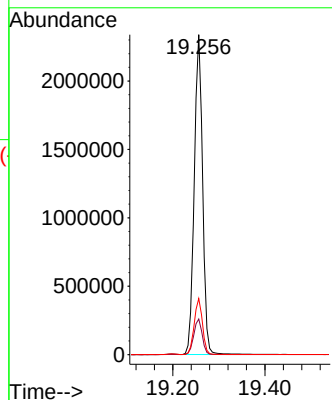
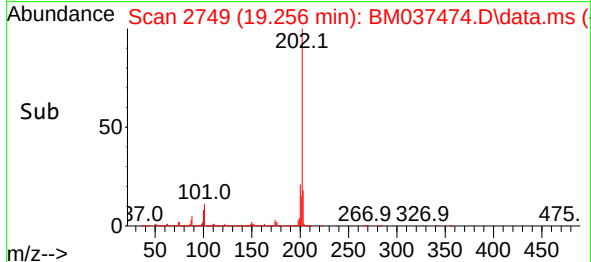
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:202 Resp: 2927022
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.4
203 17.5 0.0 37.8

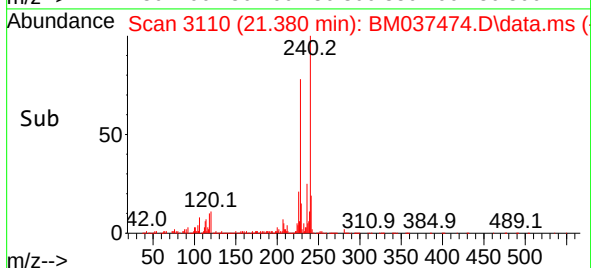
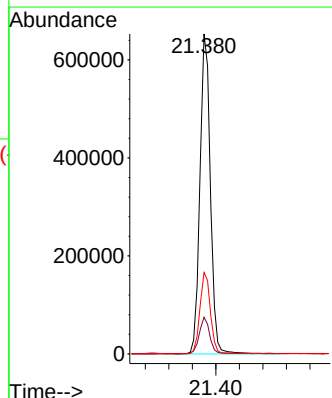
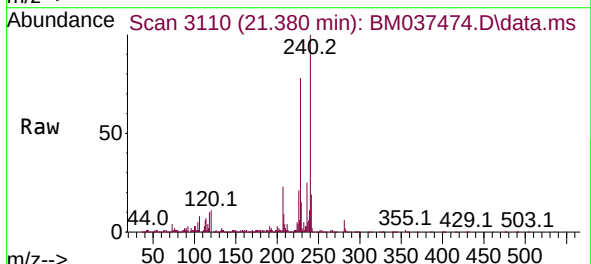
Manual Integrations
APPROVED

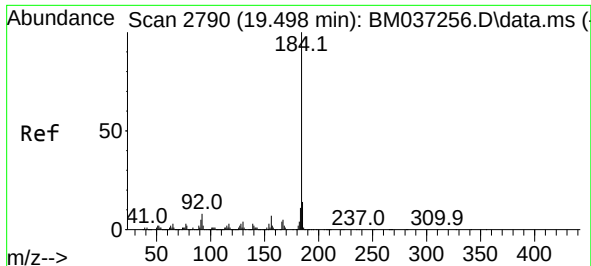
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:240 Resp: 803178
Ion Ratio Lower Upper
240 100
120 11.4 9.9 14.9
236 25.4 20.3 30.5





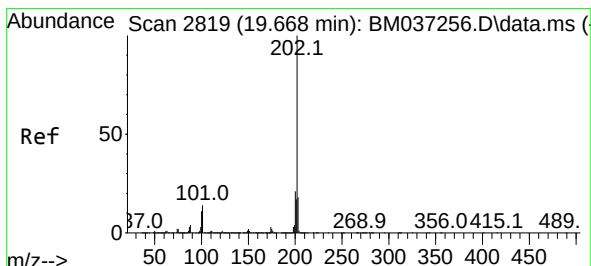
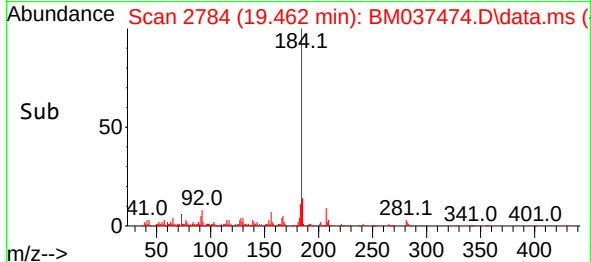
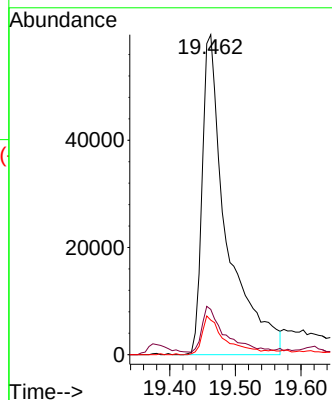
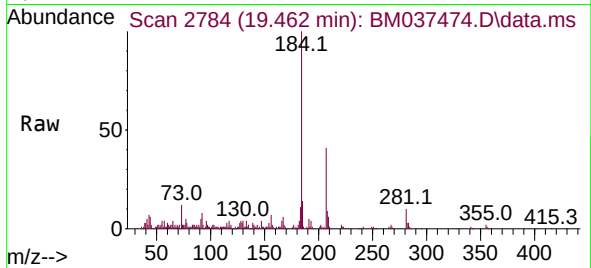
#77
Benzidine
Concen: 12.968 ng
RT: 19.462 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:184 Resp: 155313
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 10.8 9.0 13.4

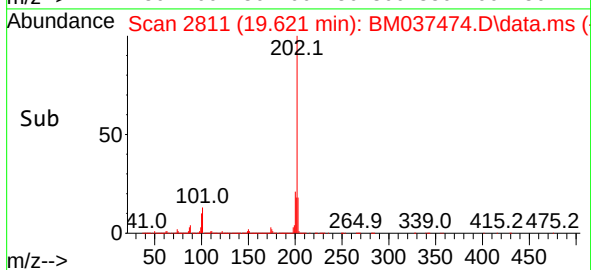
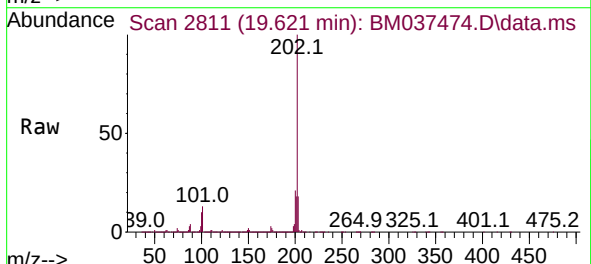
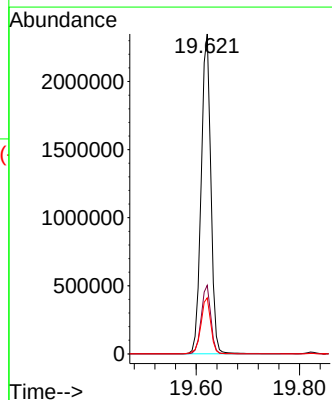
Manual Integrations
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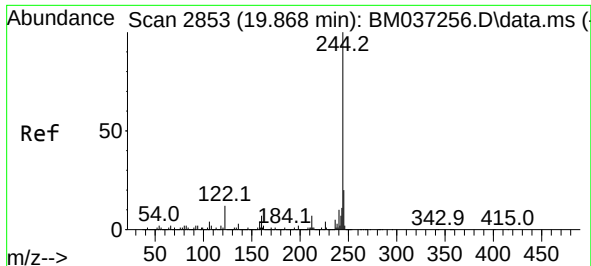
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#78
Pyrene
Concen: 49.333 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:202 Resp: 3046892
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.5 14.1 21.1





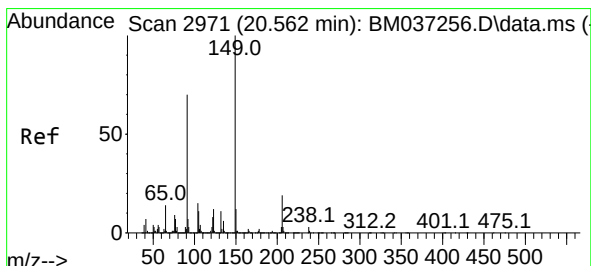
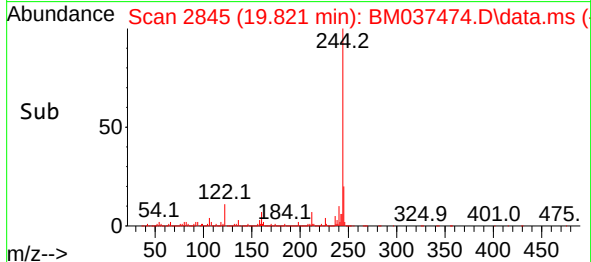
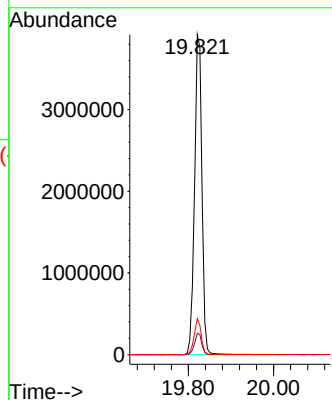
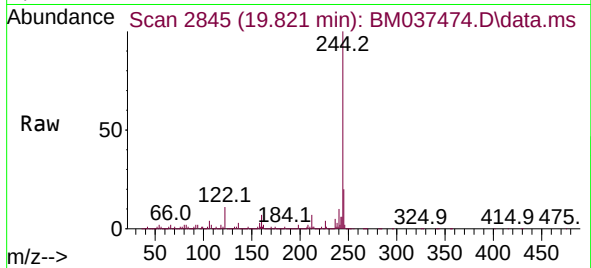
#79
 Terphenyl-d14
 Concen: 104.746 ng
 RT: 19.821 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BM037474.D
 Acq: 11 Nov 2022 19:28

Instrument :
 BNA_M
 ClientSampleId :
 2182MS

Tgt Ion:244 Resp: 469139
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.2 9.4 14.2

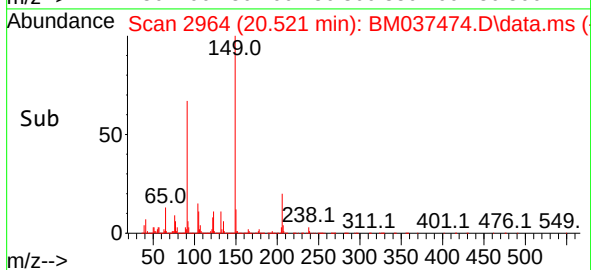
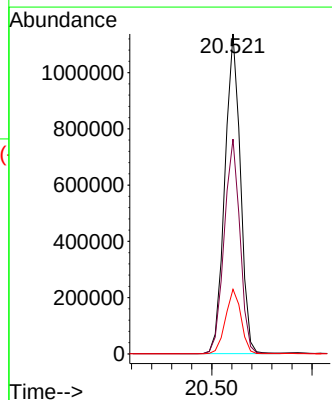
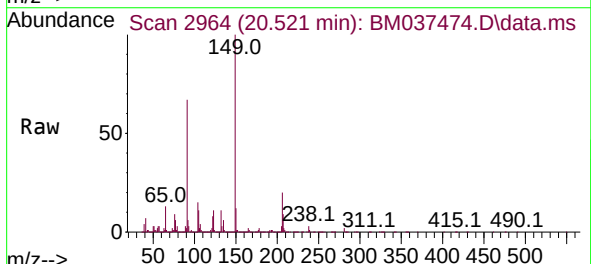
Manual Integrations
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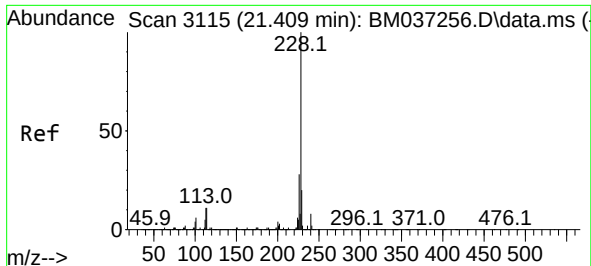
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022



#80
 Butylbenzylphthalate
 Concen: 55.773 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. 0.000 min
 Lab File: BM037474.D
 Acq: 11 Nov 2022 19:28

Tgt Ion:149 Resp: 1230169
 Ion Ratio Lower Upper
 149 100
 91 67.1 56.2 84.4
 206 20.2 15.4 23.0





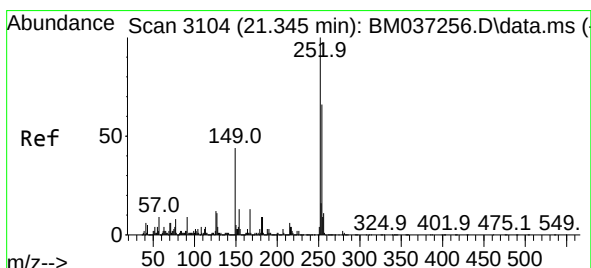
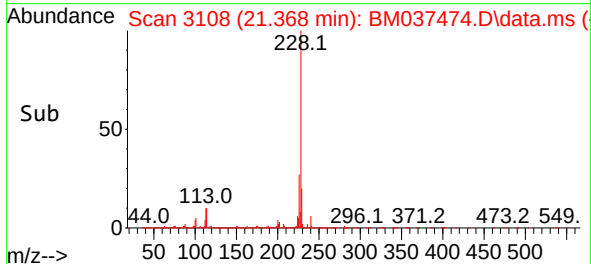
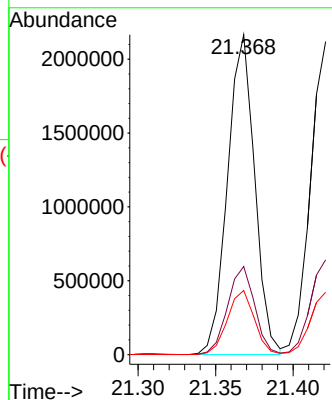
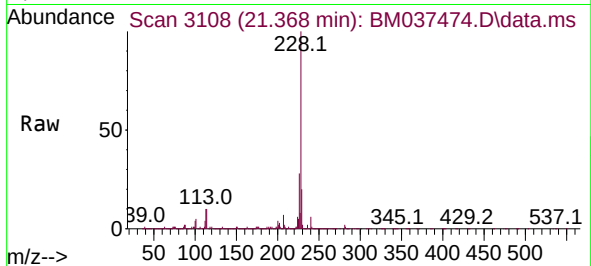
#81
Benzo(a)anthracene
Concen: 46.084 ng
RT: 21.368 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:228 Resp: 263512
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 20.0 16.2 24.2

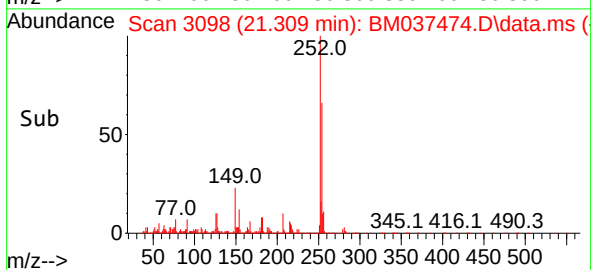
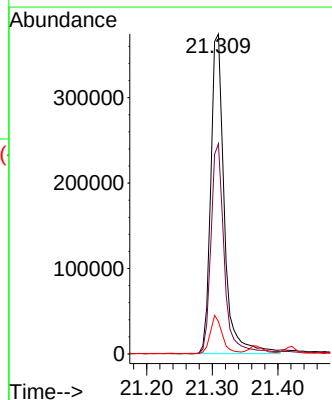
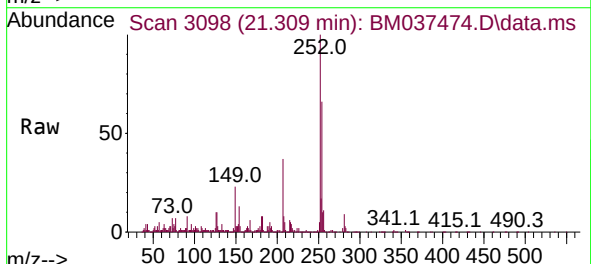
Manual Integrations
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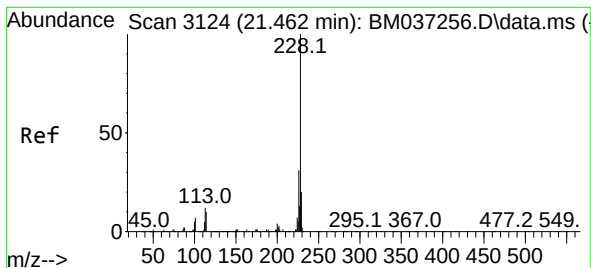
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 31.997 ng
RT: 21.309 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:252 Resp: 537379
Ion Ratio Lower Upper
252 100
254 65.7 52.7 79.1
126 10.1 9.8 14.6





#83

Chrysene

Concen: 45.949 ng

RT: 21.421 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:228 Resp: 2531372

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

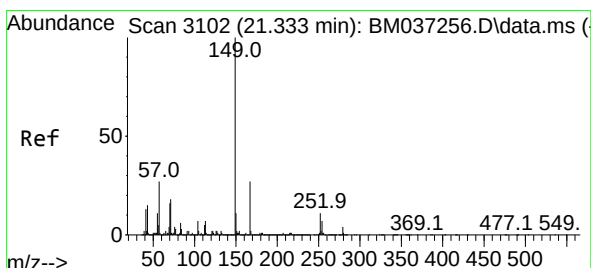
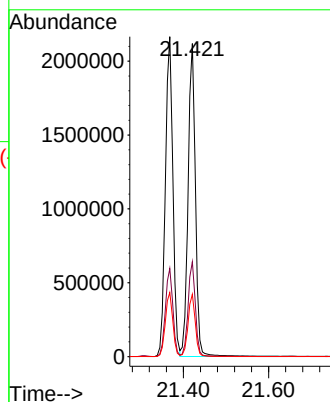
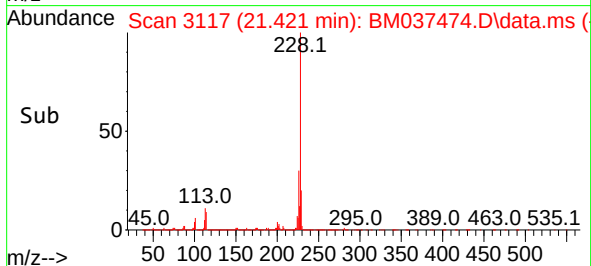
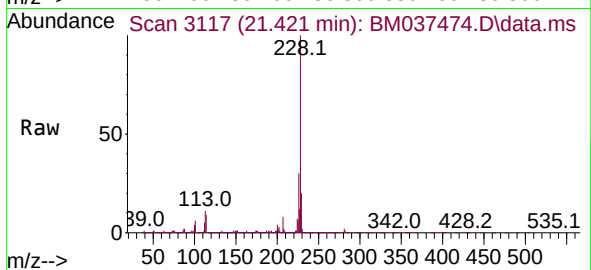
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.060 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

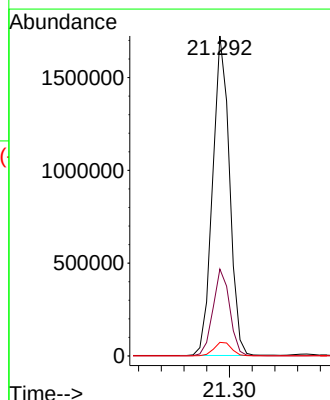
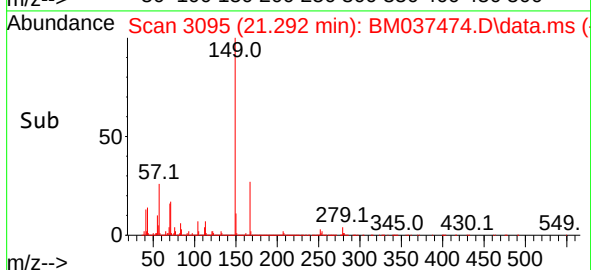
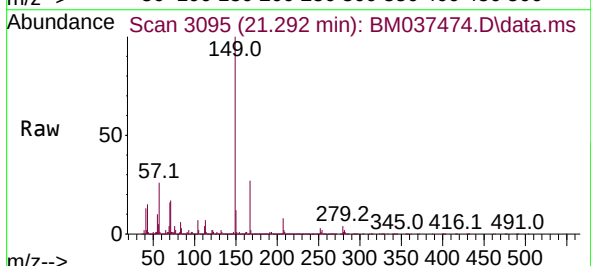
Tgt Ion:149 Resp: 1777978

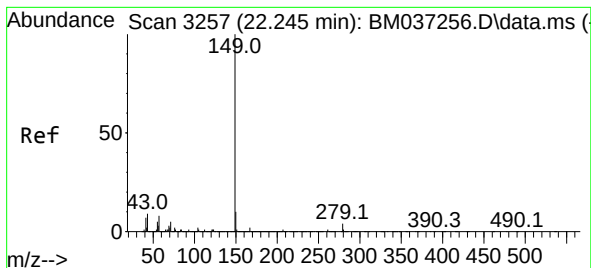
Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

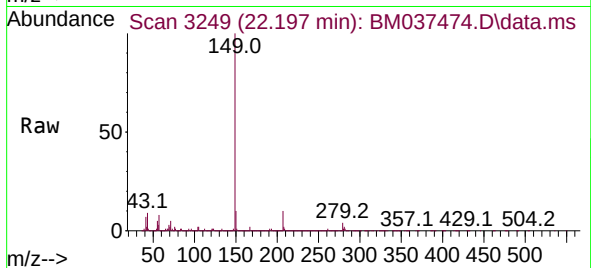
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 59.734 ng
RT: 22.197 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

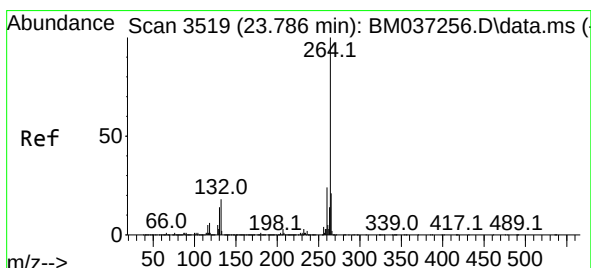
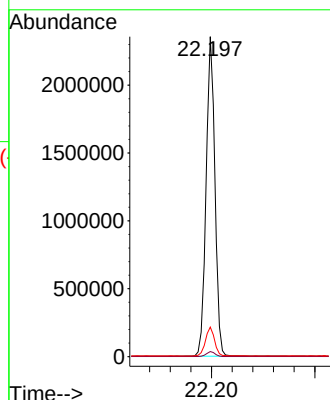
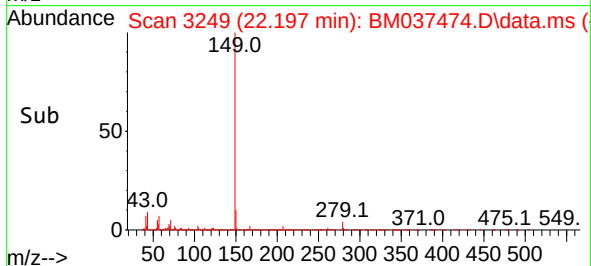
Instrument :
BNA_M
ClientSampleId :
2182MS



Tgt Ion:149 Resp: 2784974
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 8.0 12.0

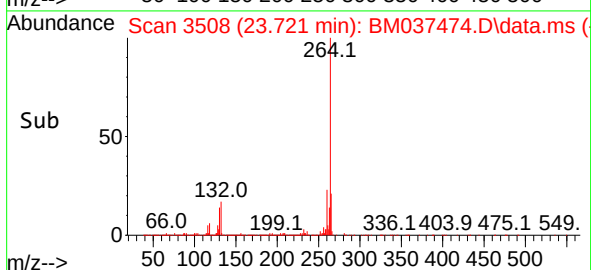
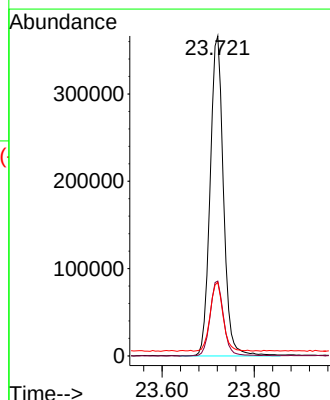
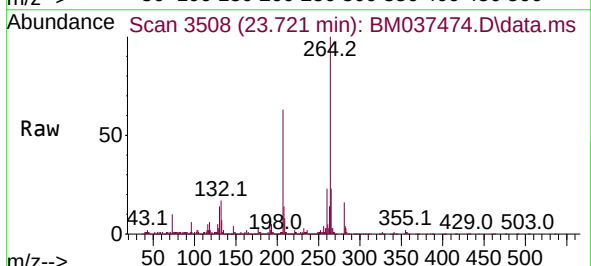
Manual Integrations
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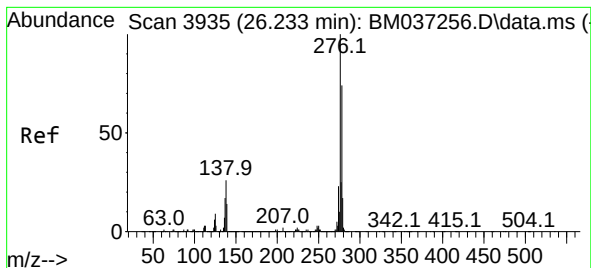
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:264 Resp: 734771
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 23.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.182 ng

RT: 26.138 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:276 Resp: 3019064

Ion Ratio Lower Upper

276 100

138 24.4 21.5 32.3

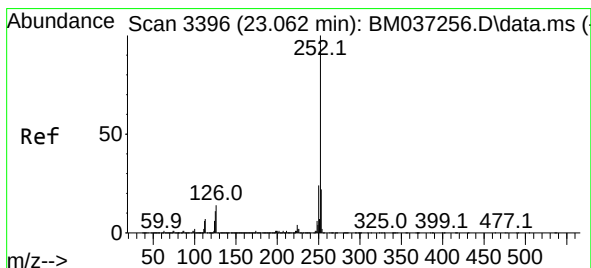
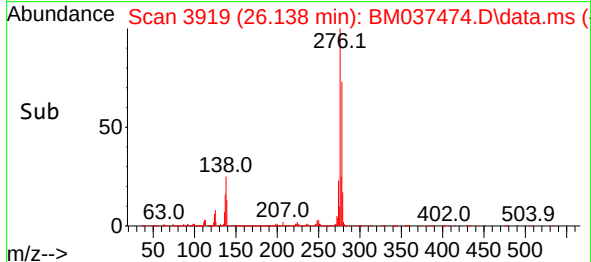
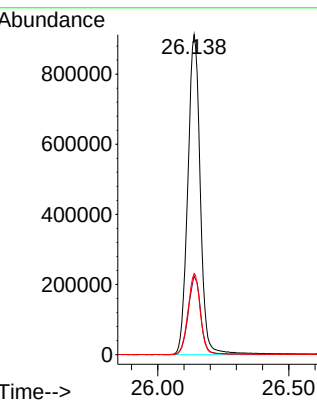
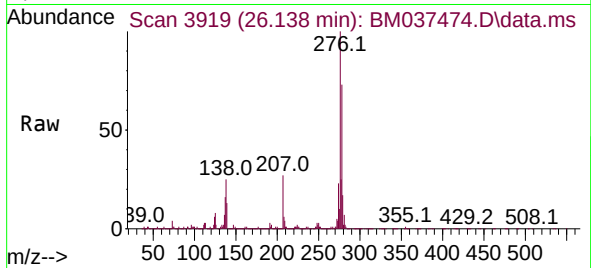
277 25.0 20.1 30.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#88

Benzo(b)fluoranthene

Concen: 49.262 ng

RT: 23.009 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

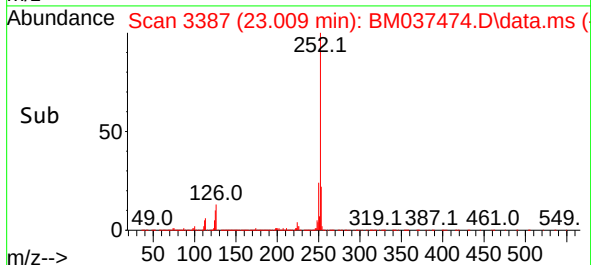
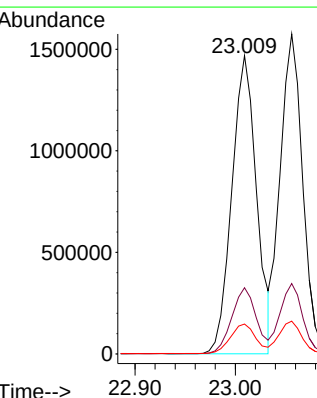
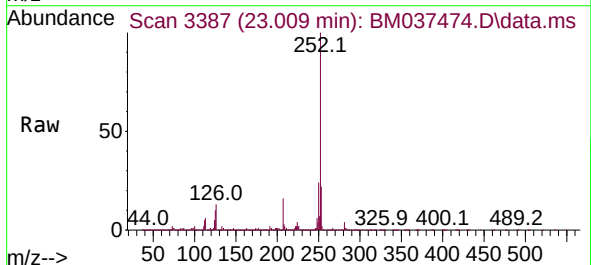
Tgt Ion:252 Resp: 2512912

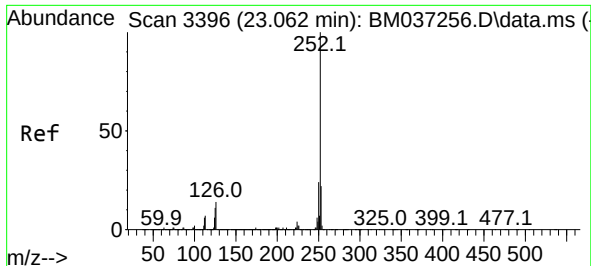
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.0 9.1 13.7





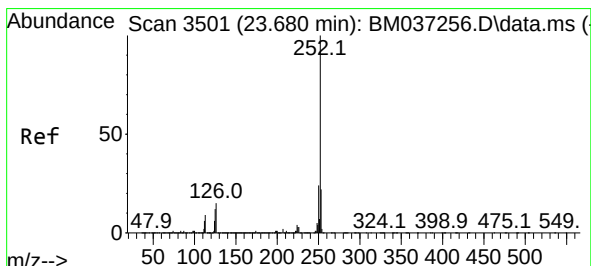
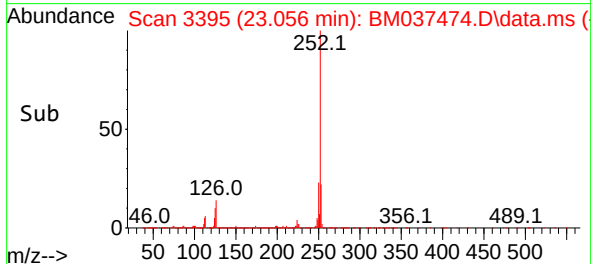
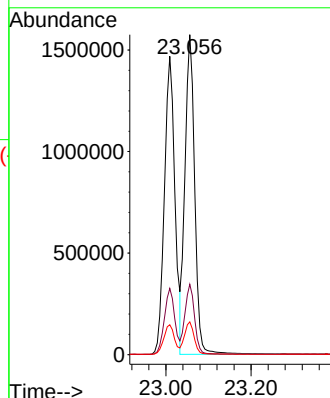
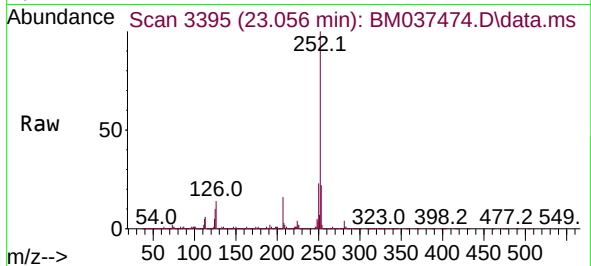
#89
Benzo(k)fluoranthene
Concen: 48.023 ng
RT: 23.056 min Scan# 341
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Instrument :
BNA_M
ClientSampleId :
2182MS

Tgt Ion:252 Resp: 2498788
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.2 9.1 13.7

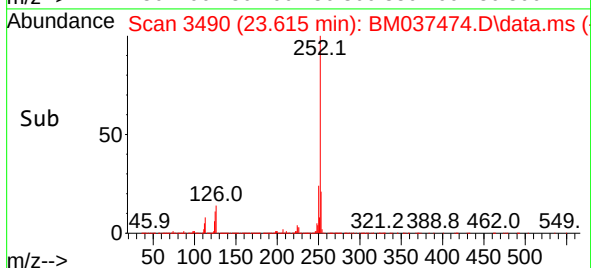
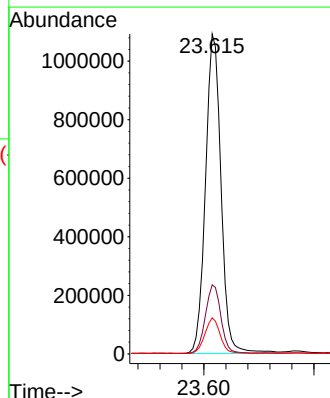
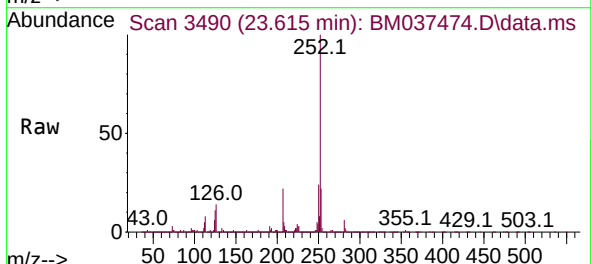
Manual Integrations
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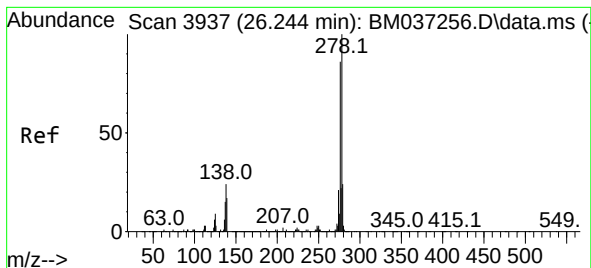
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#90
Benzo(a)pyrene
Concen: 51.523 ng
RT: 23.615 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM037474.D
Acq: 11 Nov 2022 19:28

Tgt Ion:252 Resp: 2141452
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.3 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 51.132 ng

RT: 26.150 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Instrument :

BNA_M

ClientSampleId :

2182MS

Tgt Ion:278 Resp: 255456

Ion Ratio Lower Upper

278 100

139 15.9 13.8 20.8

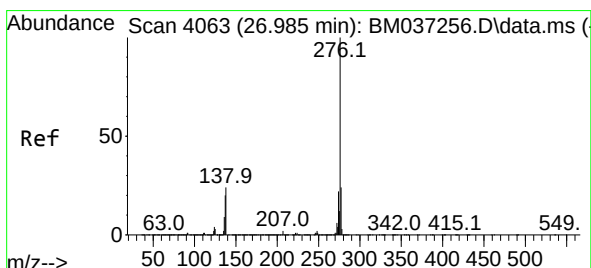
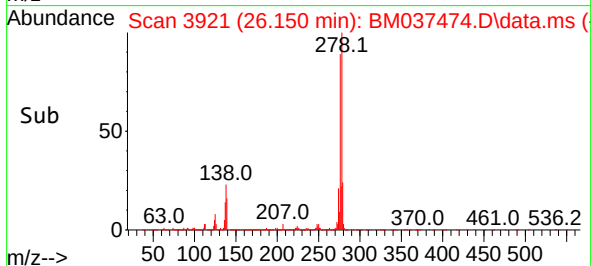
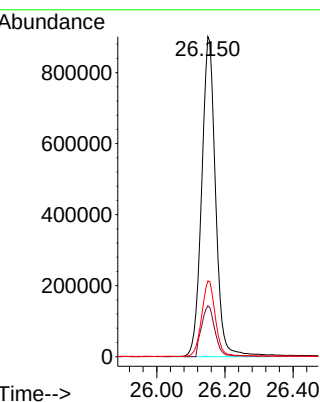
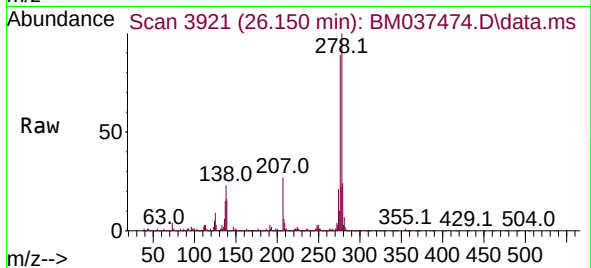
279 23.7 19.0 28.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 52.686 ng

RT: 26.885 min Scan# 4046

Delta R.T. 0.000 min

Lab File: BM037474.D

Acq: 11 Nov 2022 19:28

Tgt Ion:276 Resp: 2561785

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 20.5 18.9 28.3

