

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037471.D
 Acq On : 11 Nov 2022 17:39
 Operator : CG/JU
 Sample : PB148855BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148855BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 22:57:06 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	284300	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1087184	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	583852	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1027795	20.000	ng	0.00
76) Chrysene-d12	21.380	240	837006	20.000	ng	0.00
86) Perylene-d12	23.715	264	744585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2279598	138.527	ng	0.00
7) Phenol-d6	6.993	99	2906475	130.135	ng	0.00
23) Nitrobenzene-d5	8.981	82	1800534	83.557	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1102496	160.235	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3887967	88.480	ng	0.00
79) Terphenyl-d14	19.821	244	4756943	101.917	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	214223	31.791	ng	95
3) Pyridine	3.663	79	573608	28.573	ng	98
4) n-Nitrosodimethylamine	3.575	42	344423	39.252	ng	94
6) Aniline	7.140	93	1059789	38.815	ng	100
8) 2-Chlorophenol	7.369	128	904834	45.177	ng	100
9) Benzaldehyde	6.951	77	341201	30.181	ng	99
10) Phenol	7.016	94	1047707	41.865	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	835729	41.652	ng	98
12) 1,3-Dichlorobenzene	7.693	146	961011	43.910	ng	98
13) 1,4-Dichlorobenzene	7.840	146	993476	44.007	ng	100
14) 1,2-Dichlorobenzene	8.157	146	950263	43.827	ng	99
15) Benzyl Alcohol	8.063	79	712817	44.641	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1144803	40.021	ng	98
17) 2-Methylphenol	8.263	107	699921	42.796	ng	99
18) Hexachloroethane	8.875	117	364972	45.841	ng	98
19) n-Nitroso-di-n-propyla...	8.622	70	616477	40.270	ng	99
20) 3+4-Methylphenols	8.598	107	926498	41.243	ng	99
22) Acetophenone	8.640	105	1255577	44.433	ng	# 99
24) Nitrobenzene	9.022	77	915354	41.899	ng	98
25) Isophorone	9.545	82	1605994	44.593	ng	99
26) 2-Nitrophenol	9.728	139	467317	47.782	ng	98
27) 2,4-Dimethylphenol	9.792	122	729302	50.246	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	1020814	45.557	ng	99
29) 2,4-Dichlorophenol	10.263	162	765638	45.952	ng	97
30) 1,2,4-Trichlorobenzene	10.469	180	827955	43.820	ng	99
31) Naphthalene	10.657	128	2545599	41.328	ng	99
32) Benzoic acid	9.963	122	542120	42.051	ng	95
33) 4-Chloroaniline	10.781	127	652918	26.611	ng	99
34) Hexachlorobutadiene	10.928	225	494284	46.849	ng	98
35) Caprolactam	11.604	113	213274	42.105	ng	97
36) 4-Chloro-3-methylphenol	11.916	107	726728	42.325	ng	98
37) 2-Methylnaphthalene	12.269	142	1710863	40.996	ng	98
38) 1-Methylnaphthalene	12.492	142	1633625	40.062	ng	99
40) 1,2,4,5-Tetrachloroben...	12.639	216	873288	49.747	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1117688	133.632	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	576540	47.708	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	620658	46.558	ng	99
46) 1,1'-Biphenyl	13.286	154	2164398	45.938	ng	99
47) 2-Chloronaphthalene	13.327	162	1658956	44.246	ng	99
48) 2-Nitroaniline	13.545	65	465400	42.953	ng	99
49) Acenaphthylene	14.174	152	2521636	43.325	ng	100
50) Dimethylphthalate	13.922	163	1882628	42.215	ng	100
51) 2,6-Dinitrotoluene	14.045	165	416733	44.127	ng	97
52) Acenaphthene	14.516	154	1518179	42.192	ng	99
53) 3-Nitroaniline	14.374	138	335122	31.763	ng	98
54) 2,4-Dinitrophenol	14.586	184	520523	83.409	ng	95
55) Dibenzofuran	14.851	168	2353583	42.467	ng	99
56) 4-Nitrophenol	14.698	139	726066	86.264	ng	98
57) 2,4-Dinitrotoluene	14.833	165	555384	44.692	ng	97
58) Fluorene	15.498	166	1939238	41.920	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	499609	44.714	ng	96
60) Diethylphthalate	15.280	149	1836413	42.368	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	939819	43.912	ng	99
62) 4-Nitroaniline	15.539	138	383950m	36.286	ng	
63) Azobenzene	15.786	77	1742543	40.810	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	293313	41.648	ng	100
66) n-Nitrosodiphenylamine	15.716	169	1581760	45.531	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	553935	48.027	ng	99
68) Hexachlorobenzene	16.498	284	673682	48.264	ng	94
69) Atrazine	16.674	200	519562	59.439	ng	99
70) Pentachlorophenol	16.851	266	809979	99.726	ng	99
71) Phenanthrene	17.239	178	2708239	42.472	ng	100
72) Anthracene	17.327	178	2753659	45.615	ng	99
73) Carbazole	17.610	167	2402842	43.393	ng	100
74) Di-n-butylphthalate	18.168	149	2962148	48.446	ng	99
75) Fluoranthene	19.256	202	2874806	42.650	ng	98
77) Benzidine	19.456	184	651368	52.189	ng	100
78) Pyrene	19.621	202	2953692	45.891	ng	100
80) Butylbenzylphthalate	20.521	149	1174169	51.083	ng	97
81) Benzo(a)anthracene	21.368	228	2593271	43.519	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	893073	51.028	ng	99
83) Chrysene	21.415	228	2424886	42.238	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	1684232	54.594	ng	98
85) Di-n-octyl phthalate	22.197	149	2620165	53.928	ng	98
87) Indeno(1,2,3-cd)pyrene	26.138	276	2933748	48.122	ng	98
88) Benzo(b)fluoranthene	23.009	252	2517837	48.707	ng	98
89) Benzo(k)fluoranthene	23.056	252	2375996	45.061	ng	98
90) Benzo(a)pyrene	23.615	252	2134758	50.685	ng	98
91) Dibenzo(a,h)anthracene	26.150	278	2568319	50.730	ng	98
92) Benzo(g,h,i)perylene	26.880	276	2600416	52.775	ng	98

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

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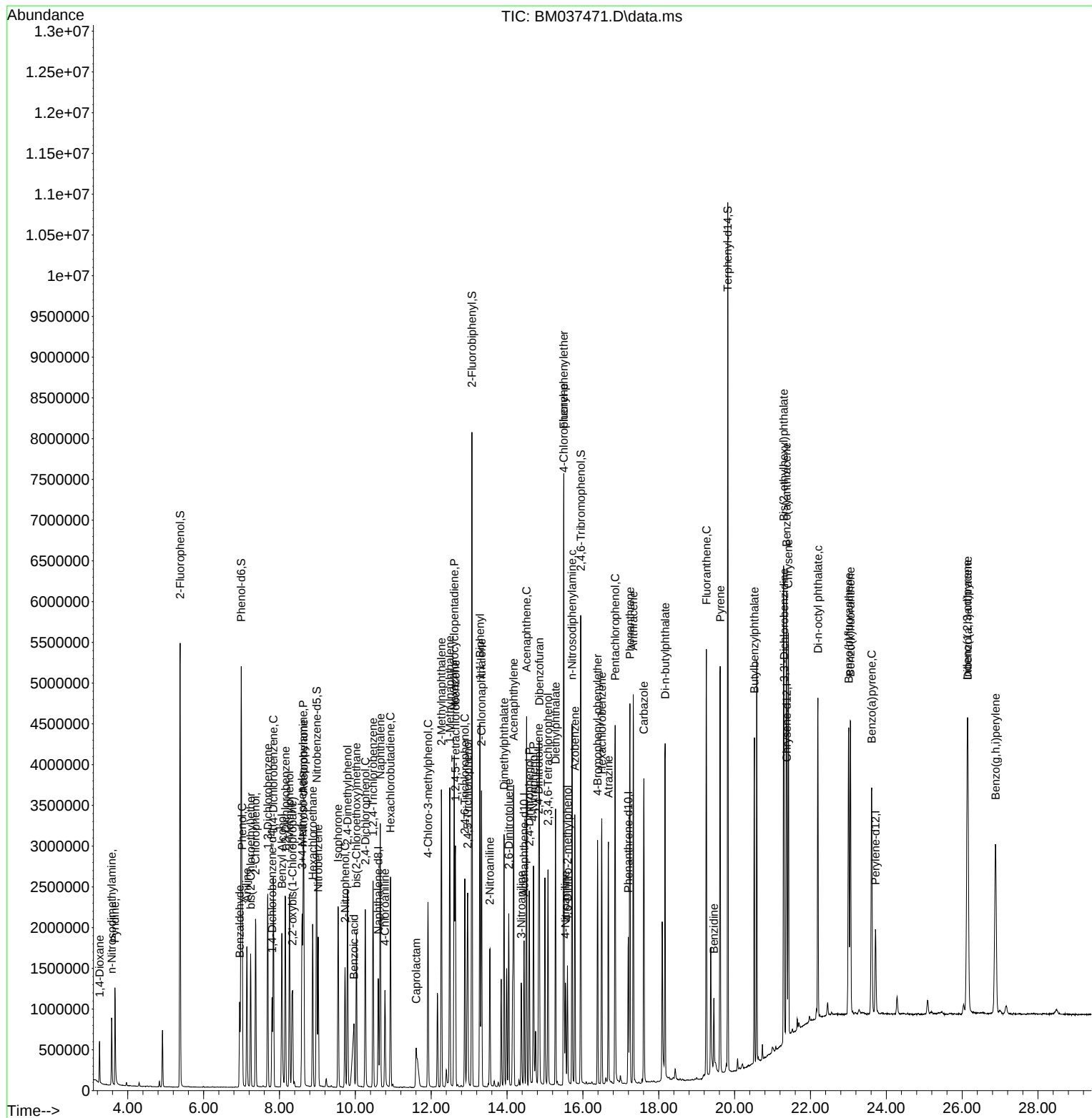
Quant Time: Nov 11 22:57:06 2022

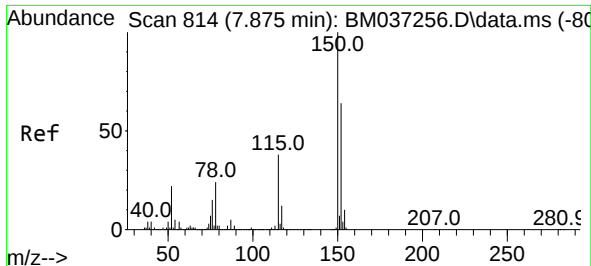
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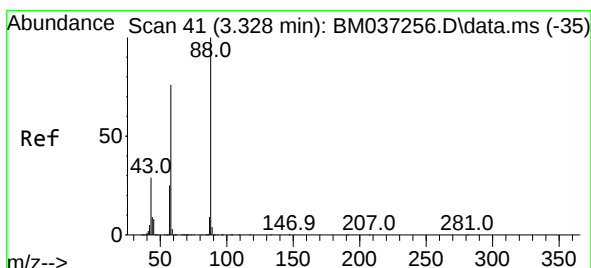
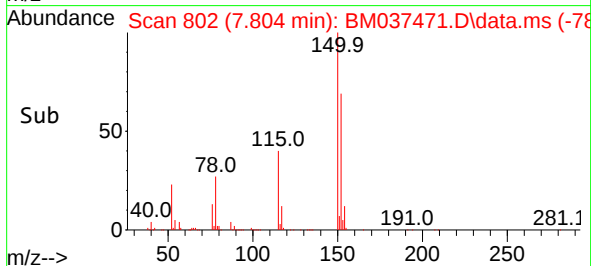
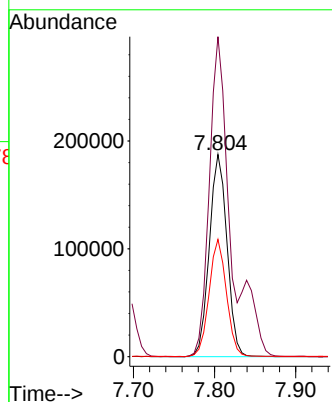
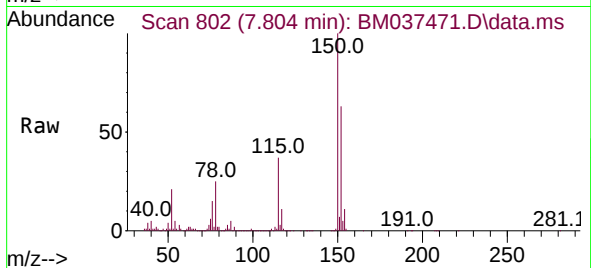
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

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ClientSampleId :
PB148855BS

Tgt Ion:152 Resp: 284300
Ion Ratio Lower Upper
152 100
150 158.2 124.8 187.2
115 58.0 47.0 70.4

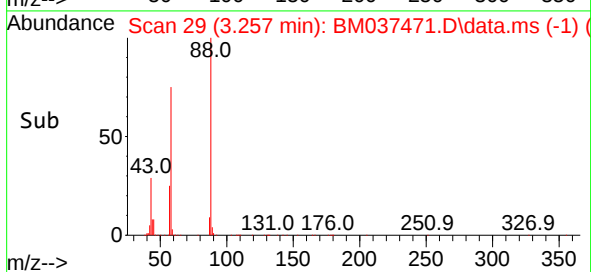
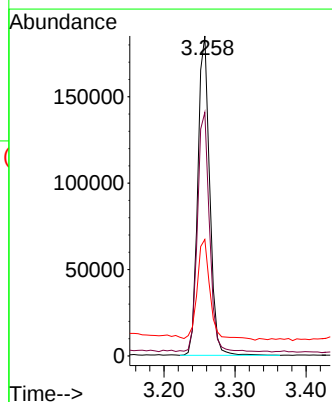
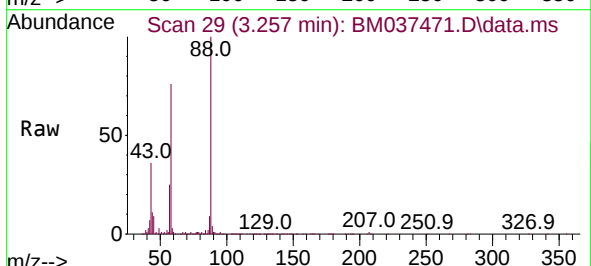
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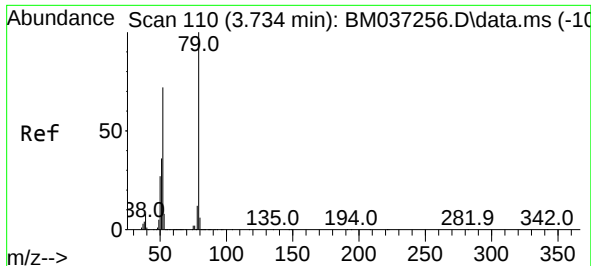
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#2
1,4-Dioxane
Concen: 31.791 ng
RT: 3.257 min Scan# 29
Delta R.T. 0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion: 88 Resp: 214223
Ion Ratio Lower Upper
88 100
58 75.7 63.5 95.3
43 34.7 24.2 36.4





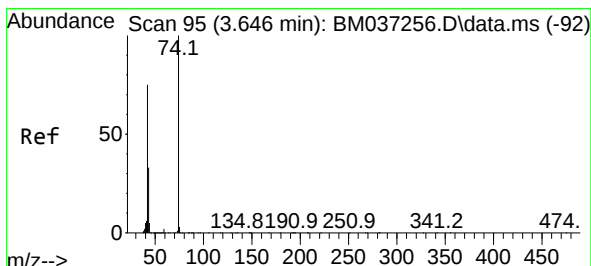
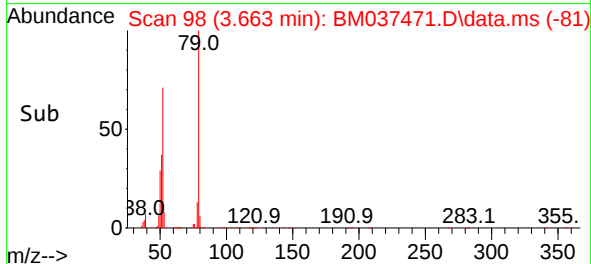
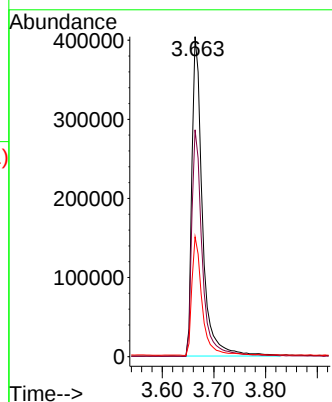
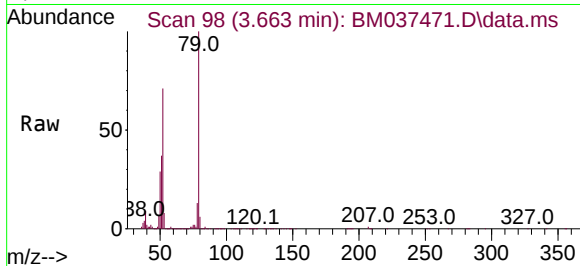
#3
Pyridine
Concen: 28.573 ng
RT: 3.663 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Tgt Ion: 79 Resp: 573608
Ion Ratio Lower Upper
79 100
52 70.9 57.8 86.6
51 37.4 29.0 43.6

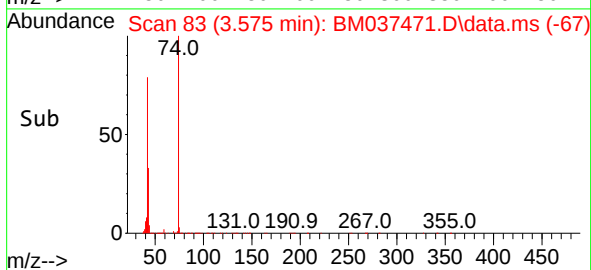
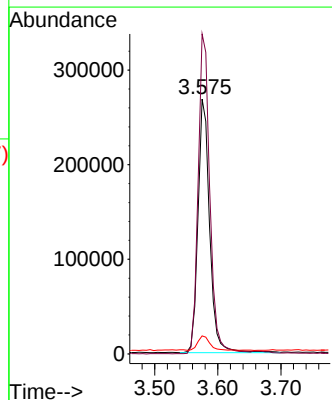
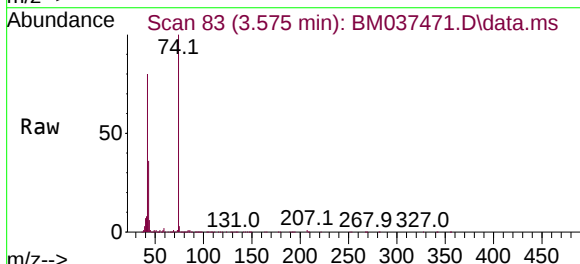
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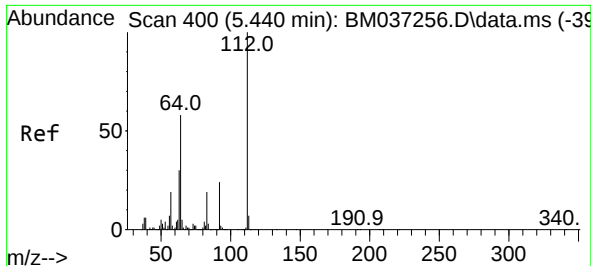
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#4
n-Nitrosodimethylamine
Concen: 39.252 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

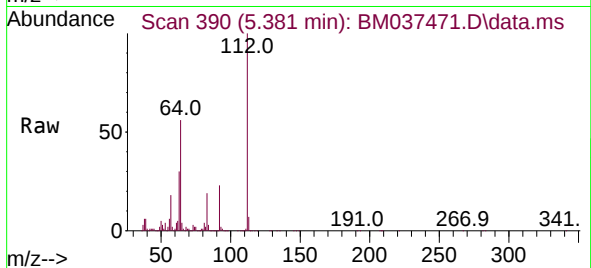
Tgt Ion: 42 Resp: 344423
Ion Ratio Lower Upper
42 100
74 125.6 106.2 159.2
44 7.1 5.4 8.0





#5
2-Fluorophenol
Concen: 138.527 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

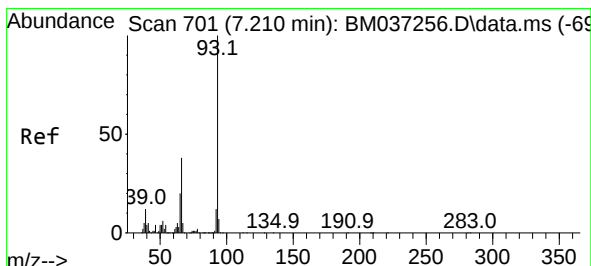
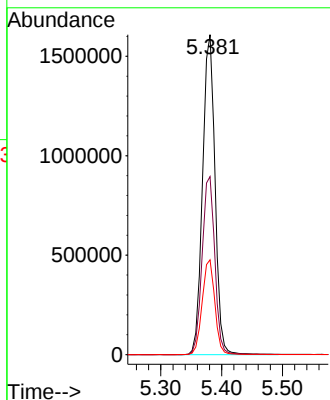
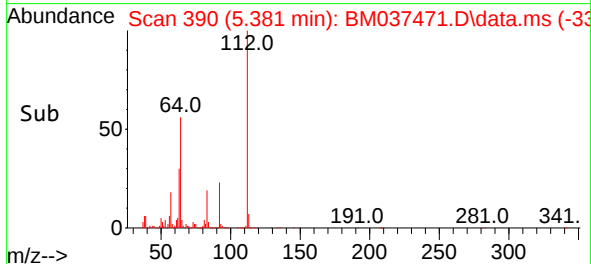
Instrument :
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Tgt Ion:112 Resp: 2279598
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 29.6 24.4 36.6

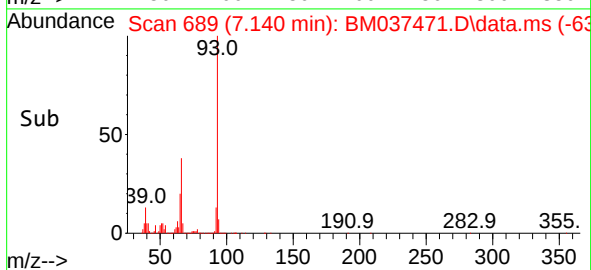
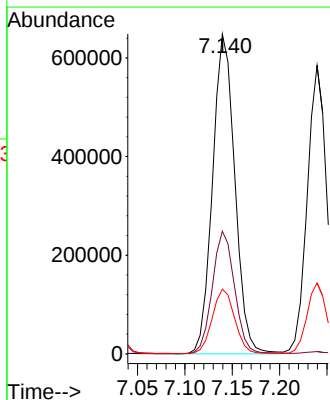
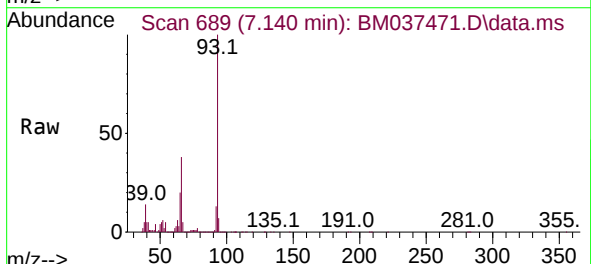
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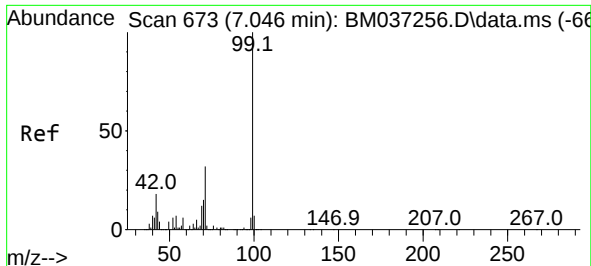
Reviewed By :Christian Giraldo 11/12/2022
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#6
Aniline
Concen: 38.815 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM037471.D
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Tgt Ion: 93 Resp: 1059789
Ion Ratio Lower Upper
93 100
66 38.3 30.4 45.6
65 20.2 16.2 24.2





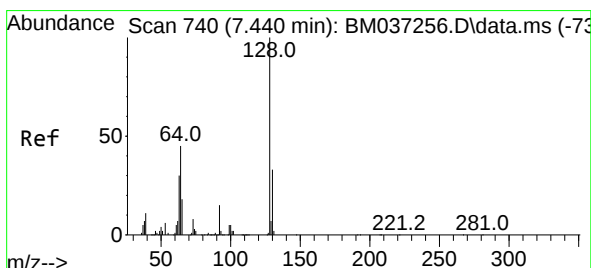
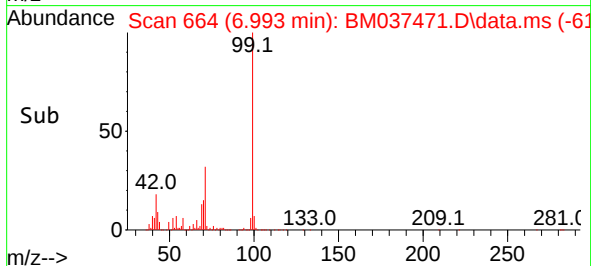
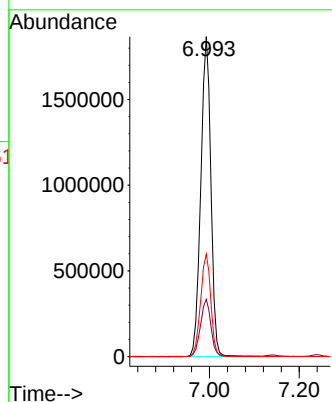
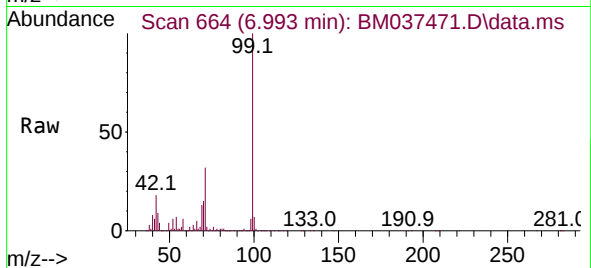
#7
Phenol-d6
Concen: 130.135 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037471.D
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Tgt Ion: 99 Resp: 2906475
Ion Ratio Lower Upper
99 100
42 17.9 14.8 22.2
71 32.1 25.6 38.4

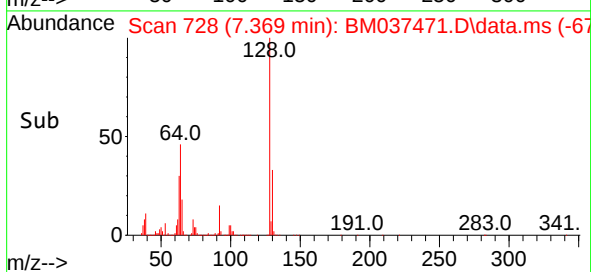
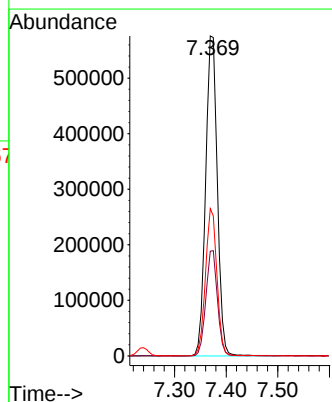
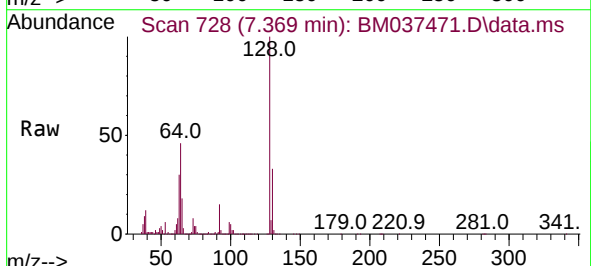
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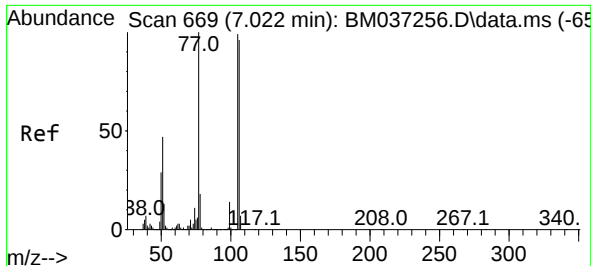
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#8
2-Chlorophenol
Concen: 45.177 ng
RT: 7.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BM037471.D
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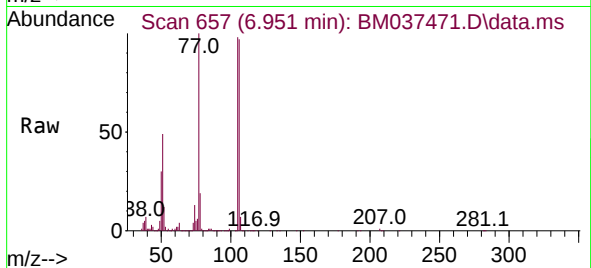
Tgt Ion:128 Resp: 904834
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 46.0 26.4 66.4





#9
Benzaldehyde
Concen: 30.181 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037471.D
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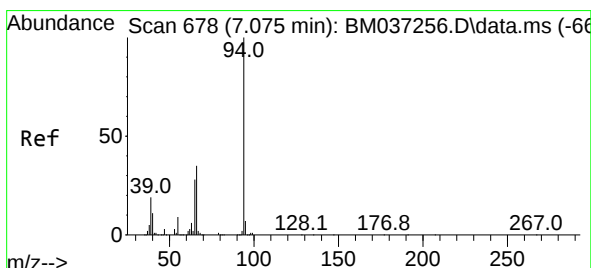
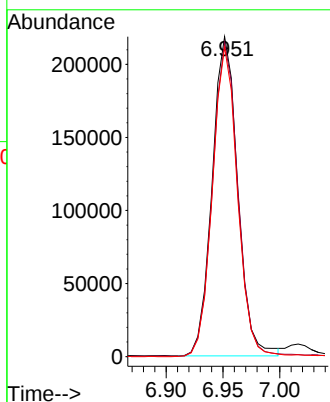
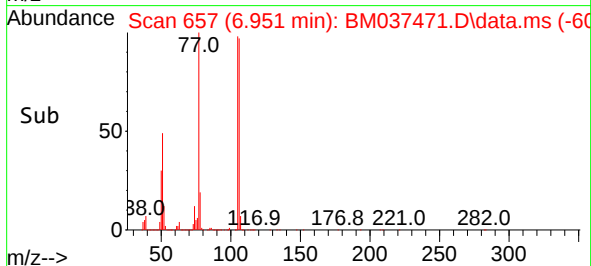
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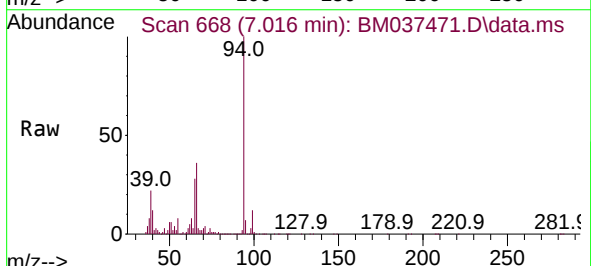
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Ion Ratio Lower Upper
77 100
105 98.2 78.6 118.6
106 96.7 75.8 115.8

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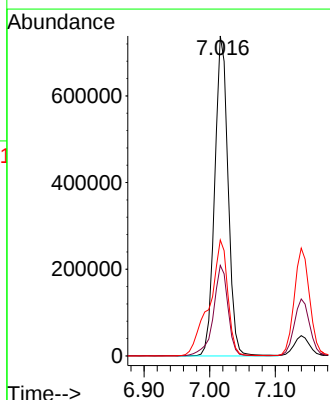
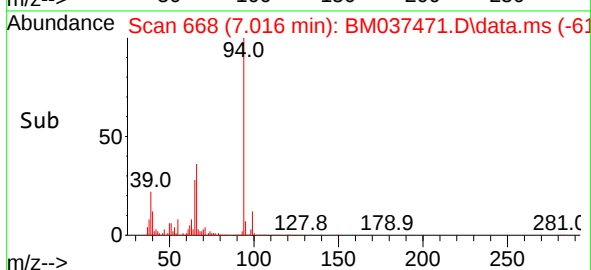
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

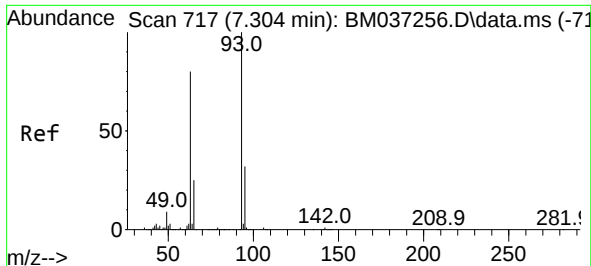


#10
Phenol
Concen: 41.865 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



Tgt Ion: 94 Resp: 1047707
Ion Ratio Lower Upper
94 100
65 28.3 8.1 48.1
66 36.2 15.5 55.5





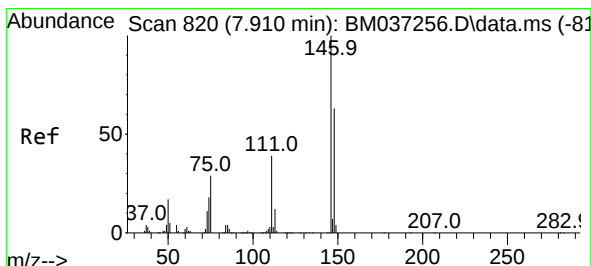
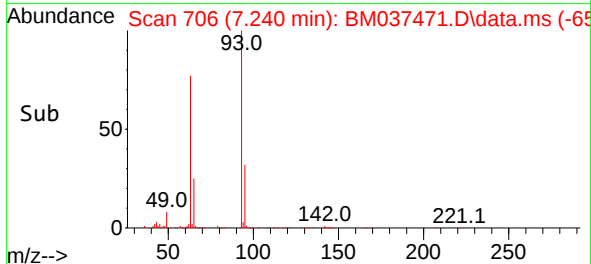
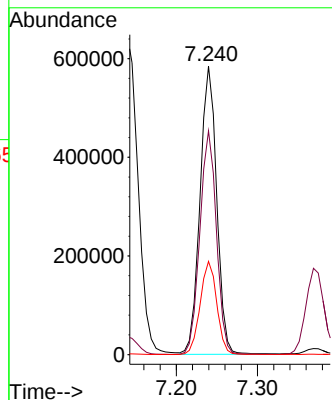
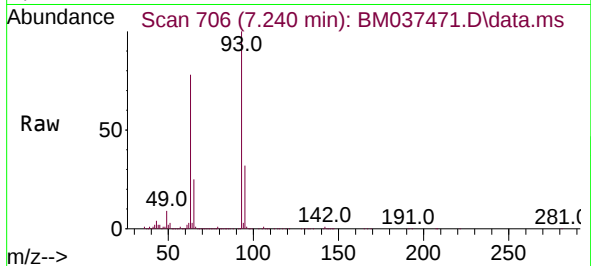
#11
bis(2-Chloroethyl)ether
Concen: 41.652 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Tgt Ion: 93 Resp: 835729
Ion Ratio Lower Upper
93 100
63 77.6 59.3 99.3
95 32.3 12.0 52.0

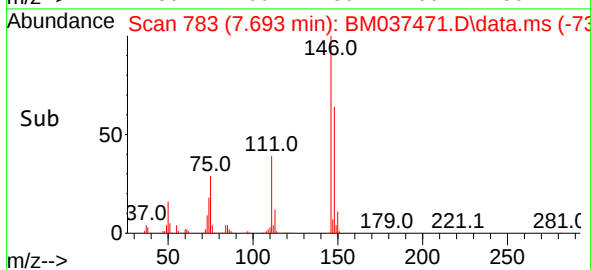
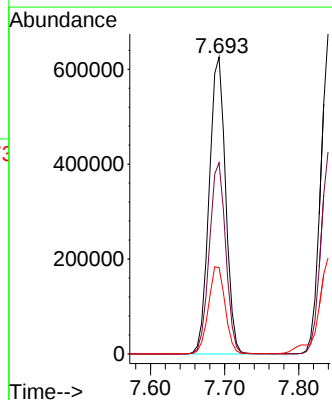
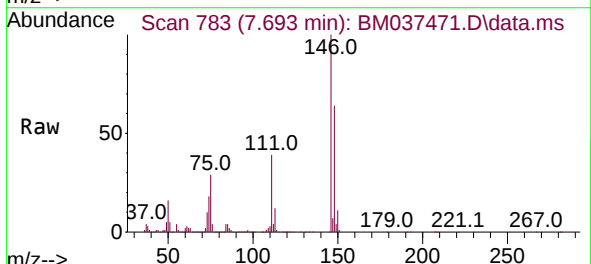
Manual Integrations
APPROVED

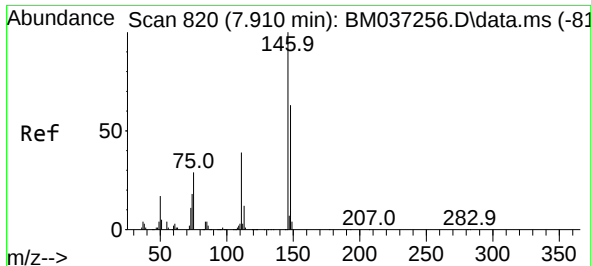
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#12
1,3-Dichlorobenzene
Concen: 43.910 ng
RT: 7.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:146 Resp: 961011
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
75 29.1 24.5 36.7





#13

1,4-Dichlorobenzene

Concen: 44.007 ng

RT: 7.840 min Scan# 80

Delta R.T. 0.000 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

Instrument :

BNA_M

ClientSampleId :

PB148855BS

Tgt Ion:146 Resp: 993476

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

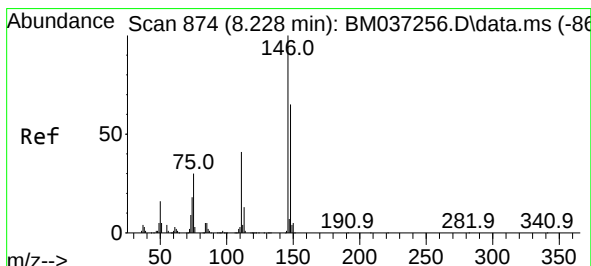
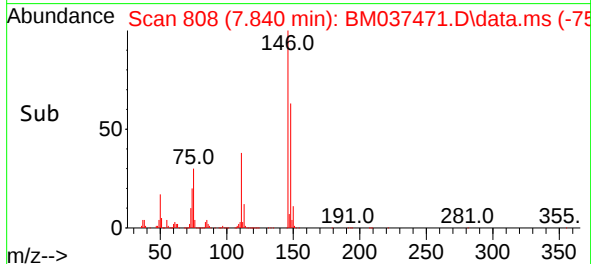
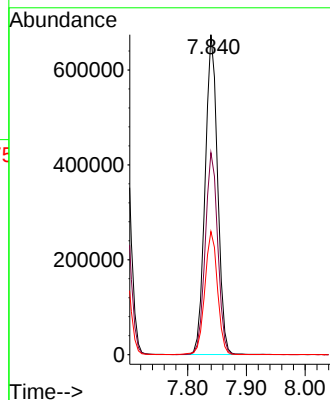
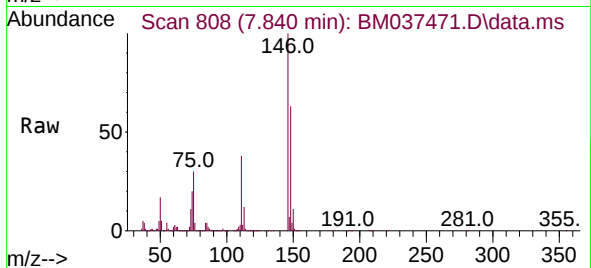
111 38.5 31.1 46.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#14

1,2-Dichlorobenzene

Concen: 43.827 ng

RT: 8.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

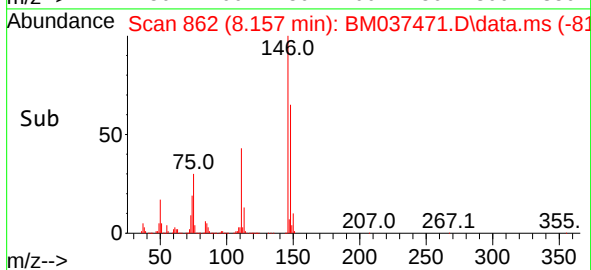
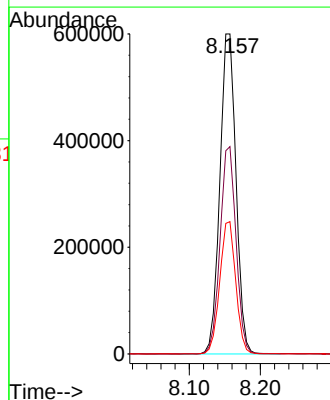
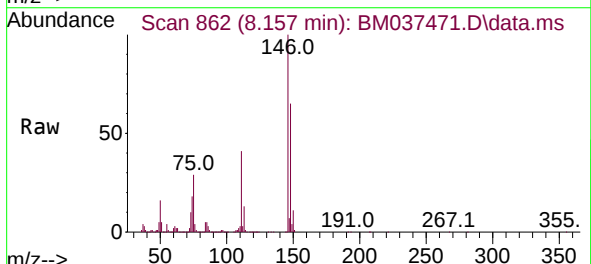
Tgt Ion:146 Resp: 950263

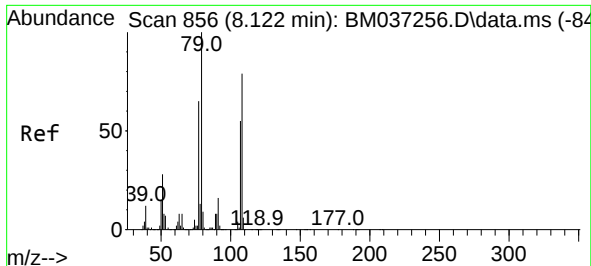
Ion Ratio Lower Upper

146 100

148 64.8 52.4 78.6

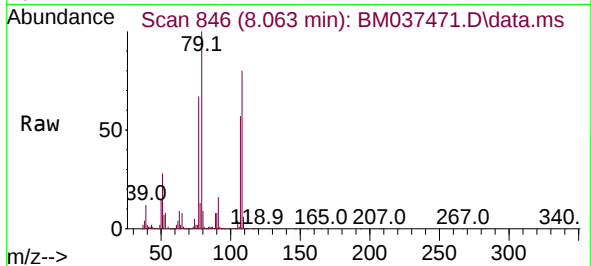
111 41.3 33.0 49.6





#15
Benzyl Alcohol
Concen: 44.641 ng
RT: 8.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

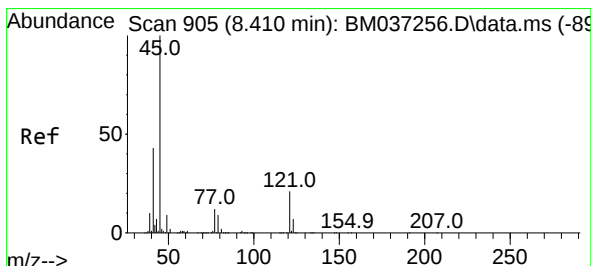
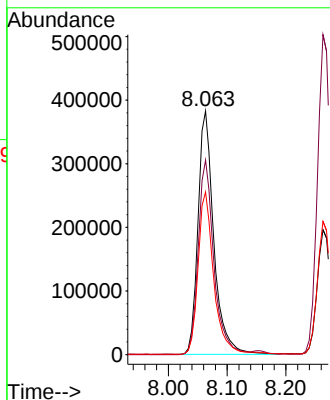
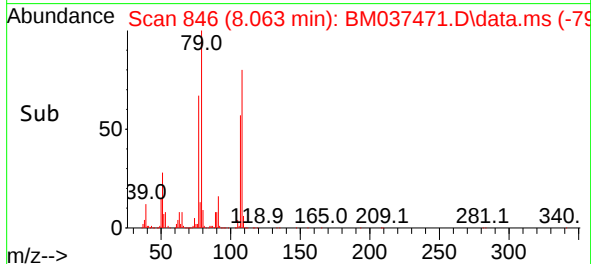
Instrument :
BNA_M
ClientSampleId :
PB148855BS



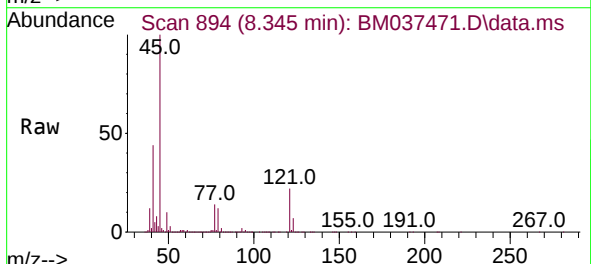
Tgt Ion: 79 Resp: 712817
Ion Ratio Lower Upper
79 100
108 79.9 63.1 94.7
77 66.7 51.7 77.5

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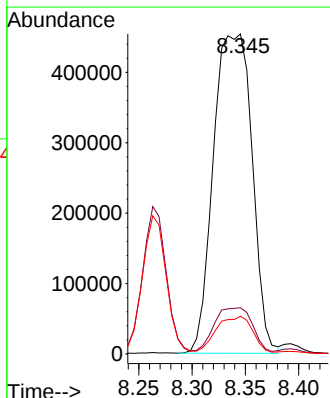
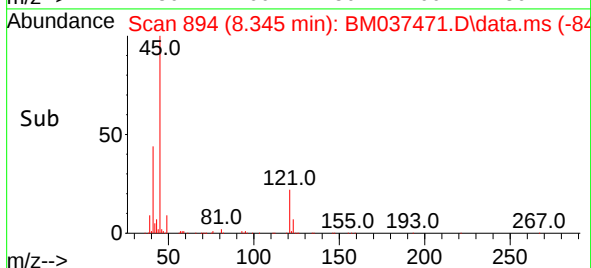
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

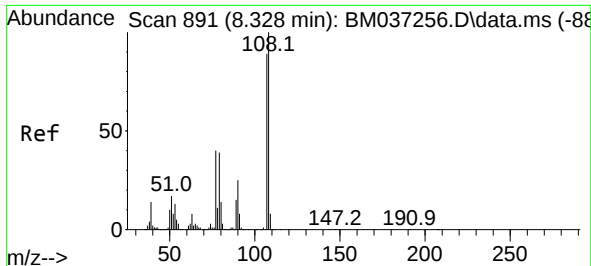


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.021 ng
RT: 8.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



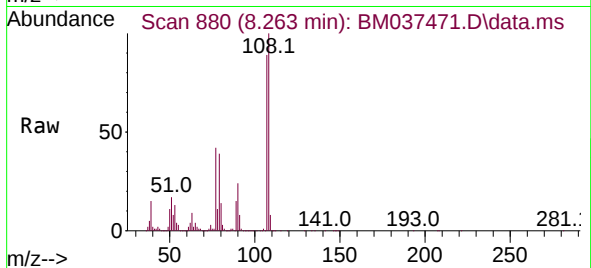
Tgt Ion: 45 Resp: 1144803
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.0
79 11.8 0.0 30.6





#17
2-Methylphenol
Concen: 42.796 ng
RT: 8.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

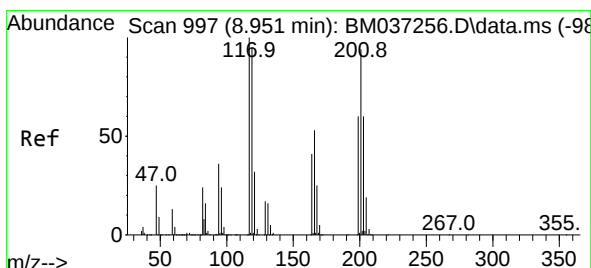
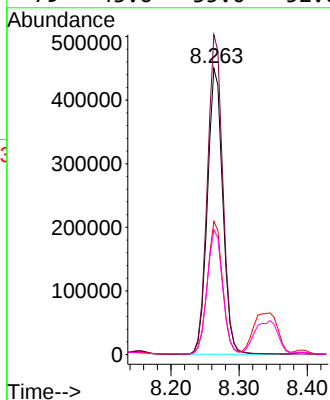
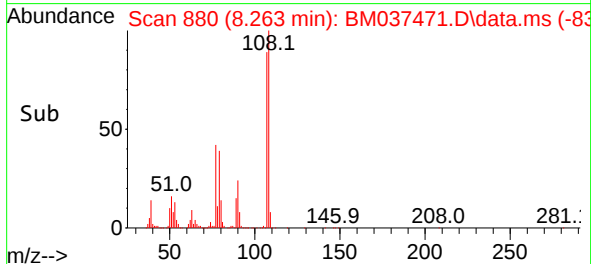
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:107 Resp: 699921
Ion Ratio Lower Upper
107 100
108 111.8 89.5 134.3
77 46.5 36.2 54.2
79 43.6 35.0 52.6

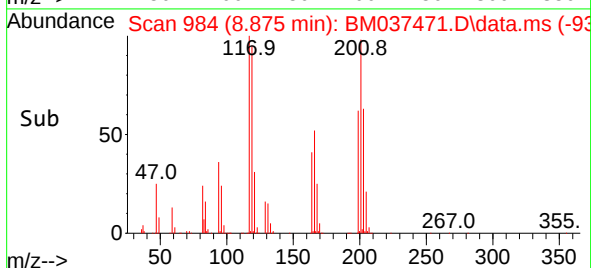
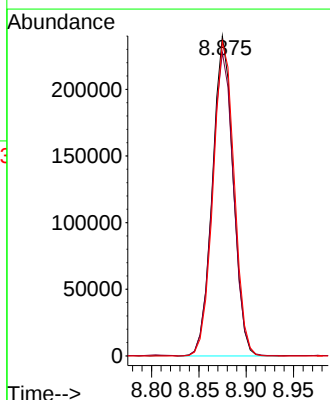
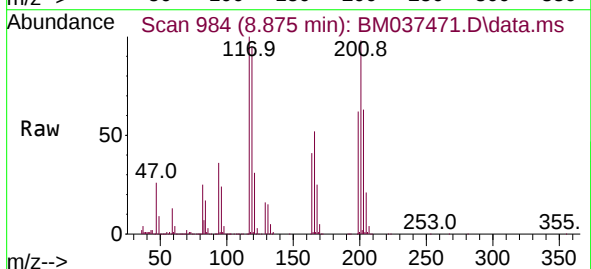
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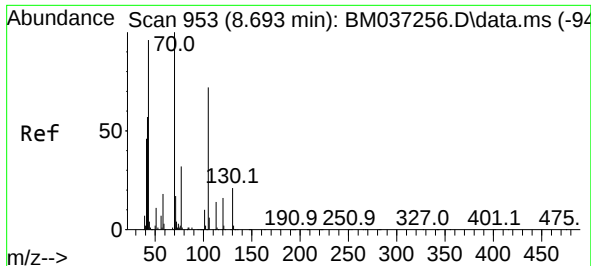
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#18
Hexachloroethane
Concen: 45.841 ng
RT: 8.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:117 Resp: 364972
Ion Ratio Lower Upper
117 100
119 94.8 75.9 113.9
201 98.2 75.0 112.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.270 ng

RT: 8.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BM037471.D

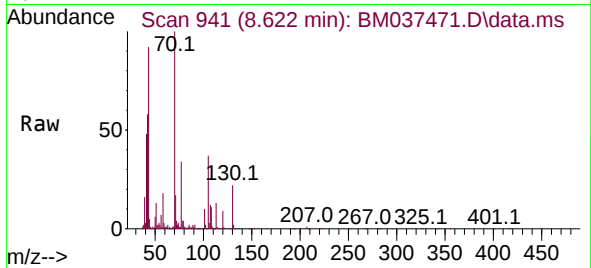
Acq: 11 Nov 2022 17:39

Instrument :

BNA_M

ClientSampleId :

PB148855BS



Tgt Ion: 70 Resp: 61647

Ion Ratio Lower Upper

70 100

42 58.1 46.4 69.6

101 10.0 7.8 11.8

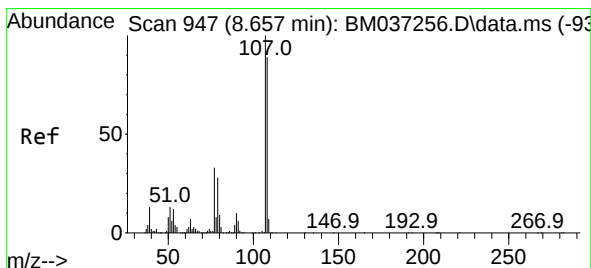
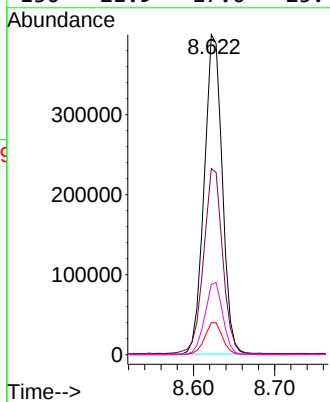
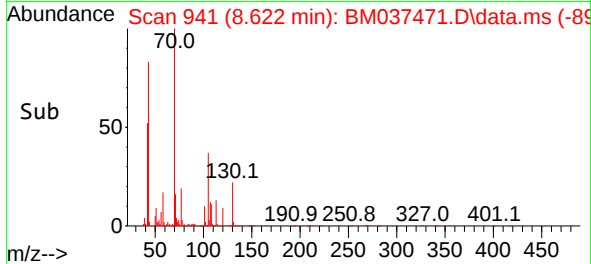
130 21.9 17.0 25.4

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#20

3+4-Methylphenols

Concen: 41.243 ng

RT: 8.598 min Scan# 937

Delta R.T. 0.000 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

Tgt Ion:107 Resp: 926498

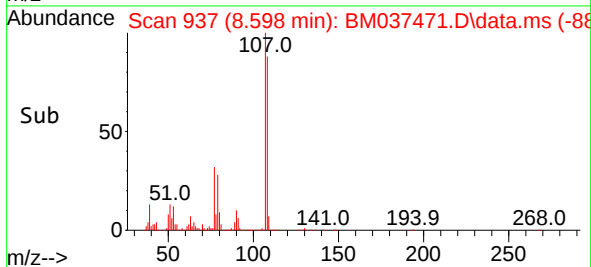
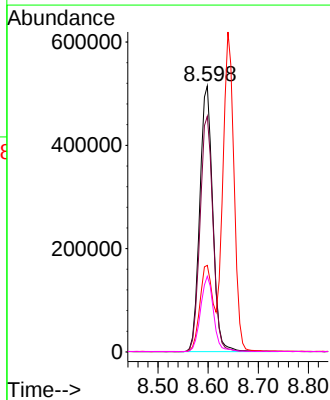
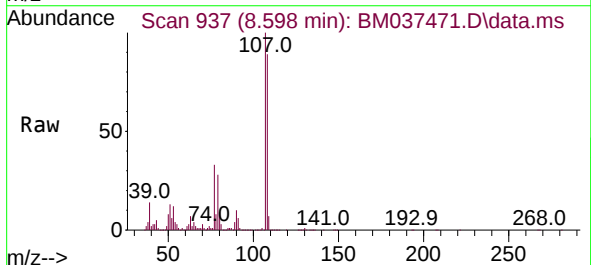
Ion Ratio Lower Upper

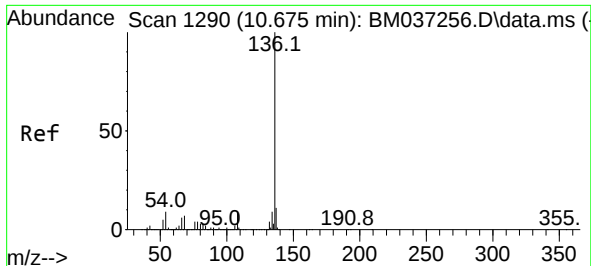
107 100

108 88.5 69.4 109.4

77 32.5 12.8 52.8

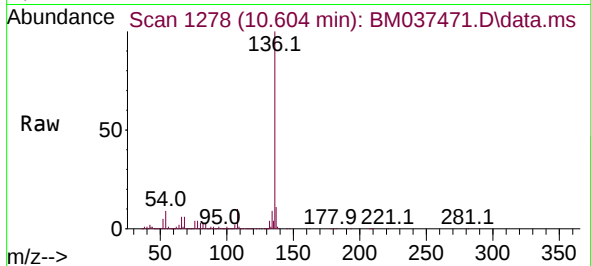
79 28.5 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

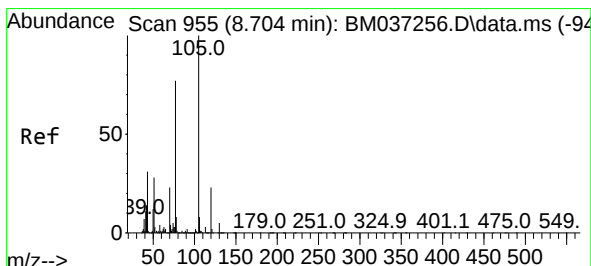
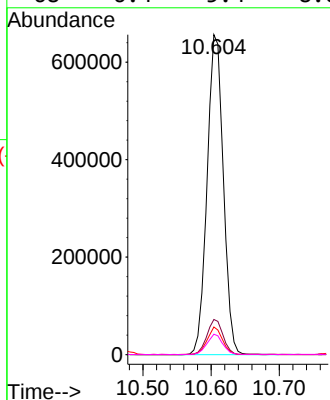
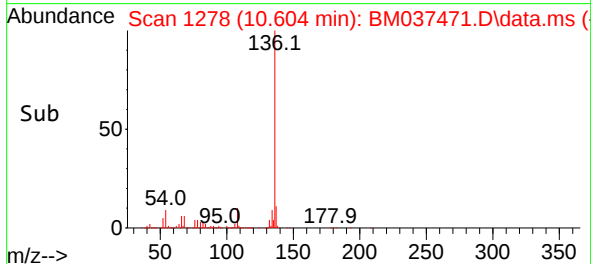
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:136 Resp: 1087184
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.6 7.0 10.4
68 6.4 5.4 8.0

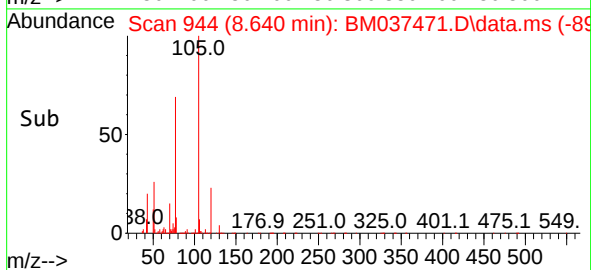
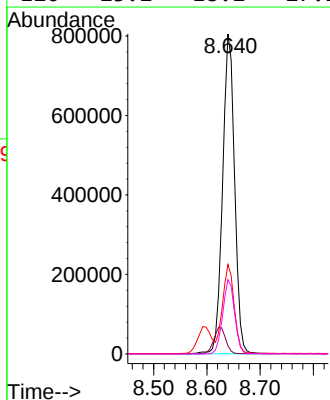
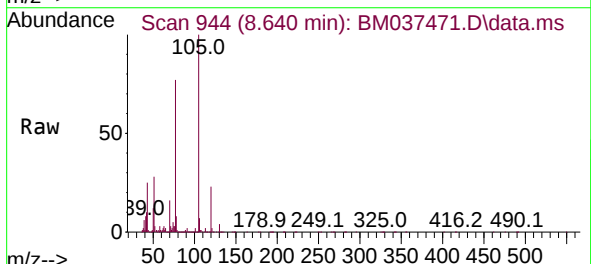
Manual Integrations
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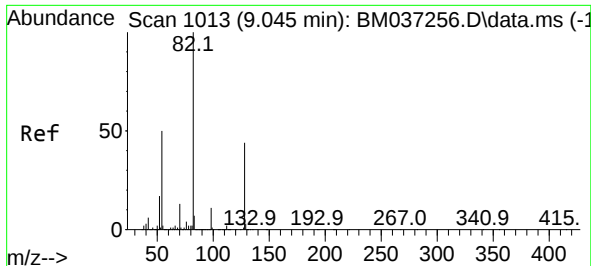
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#22
Acetophenone
Concen: 44.433 ng
RT: 8.640 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

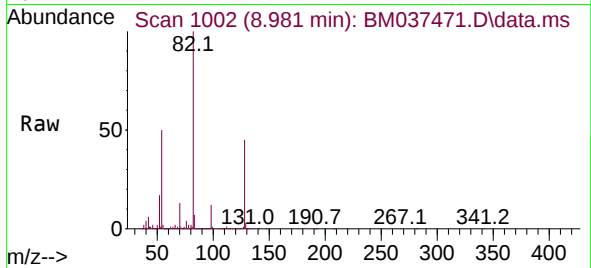
Tgt Ion:105 Resp: 1255577
Ion Ratio Lower Upper
105 100
71 2.6 3.0 4.4#
51 27.9 22.1 33.1
120 23.2 18.2 27.2





#23
Nitrobenzene-d5
Concen: 83.557 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

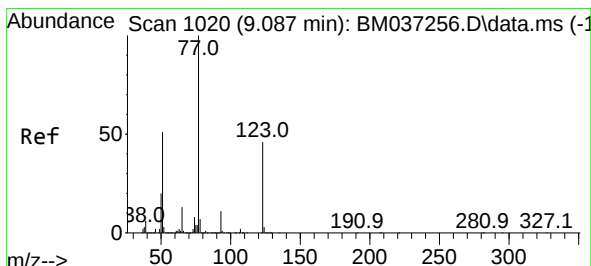
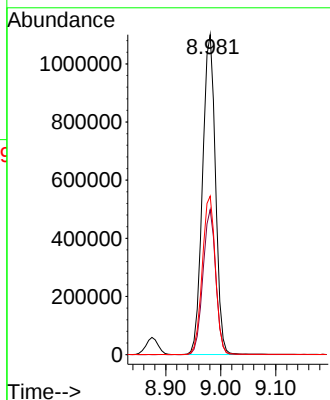
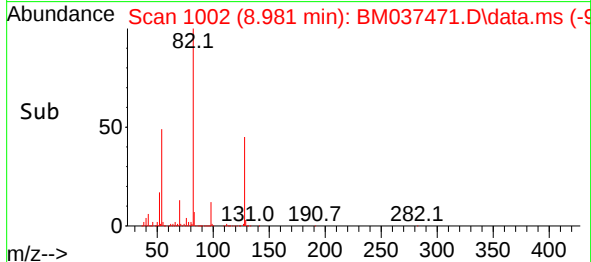
Instrument :
BNA_M
ClientSampleId :
PB148855BS



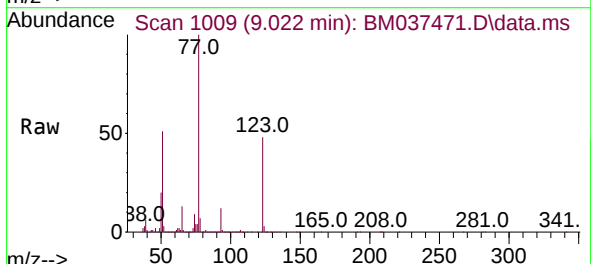
Tgt Ion: 82 Resp: 1800534
Ion Ratio Lower Upper
82 100
128 45.3 35.2 52.8
54 49.5 40.4 60.6

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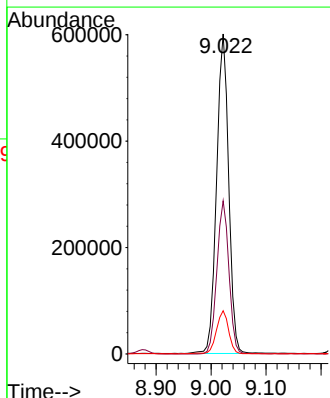
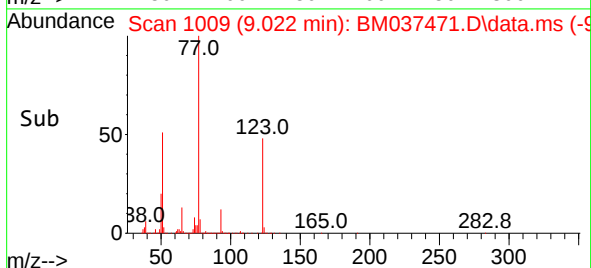
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

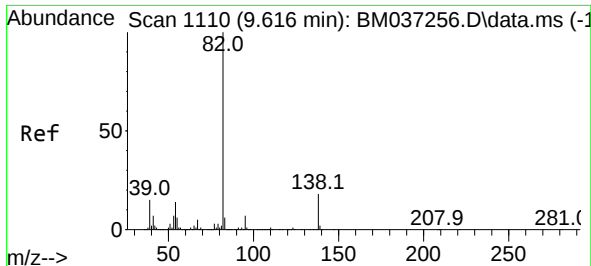


#24
Nitrobenzene
Concen: 41.899 ng
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



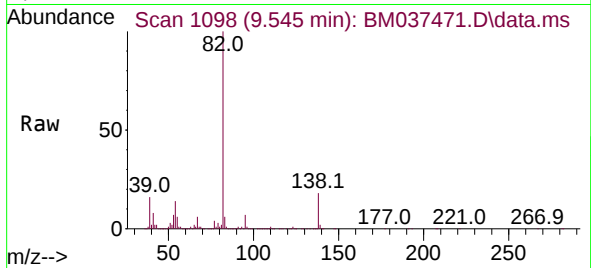
Tgt Ion: 77 Resp: 915354
Ion Ratio Lower Upper
77 100
123 47.8 36.6 55.0
65 13.5 10.6 16.0





#25
Isophorone
Concen: 44.593 ng
RT: 9.545 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

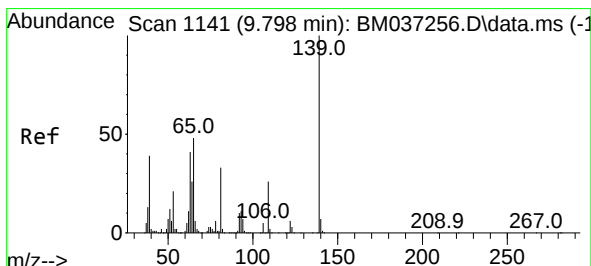
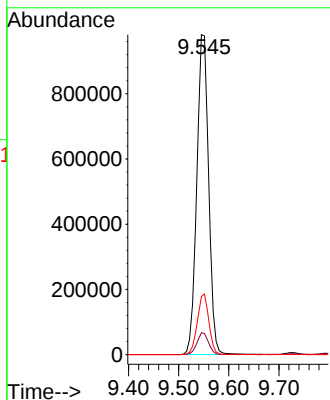
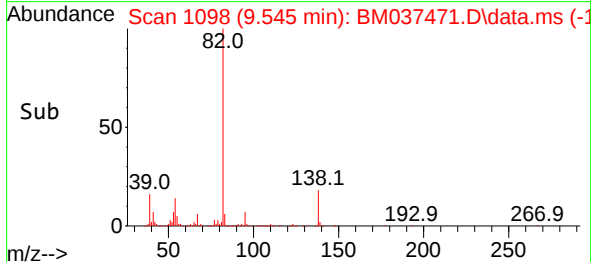
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion: 82 Resp: 1605994
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.1 14.2 21.4

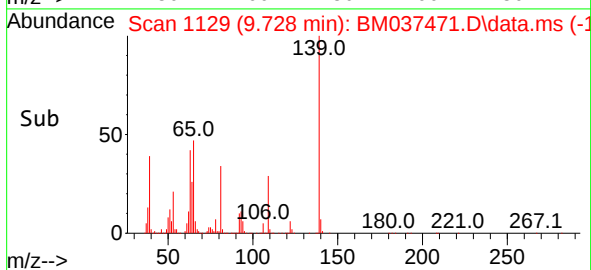
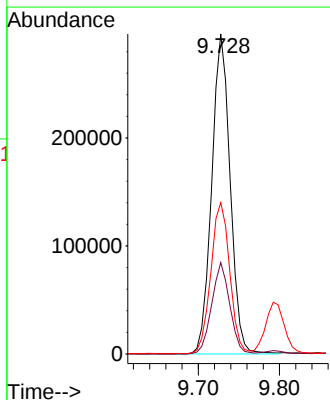
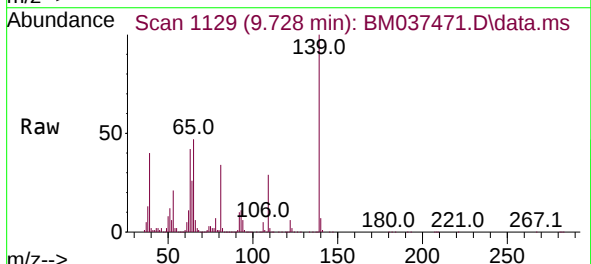
Manual Integrations
APPROVED

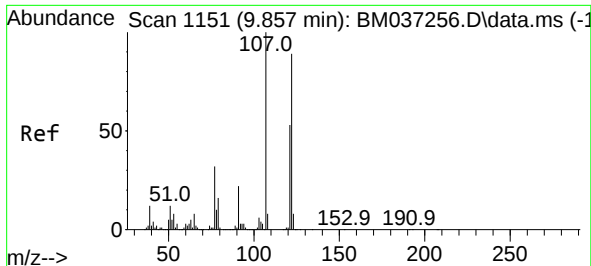
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#26
2-Nitrophenol
Concen: 47.782 ng
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:139 Resp: 467317
Ion Ratio Lower Upper
139 100
109 28.5 21.1 31.7
65 47.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 50.246 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

Instrument :

BNA_M

ClientSampleId :

PB148855BS

Tgt Ion:122 Resp: 729302

Ion Ratio Lower Upper

122 100

107 114.0 89.7 134.5

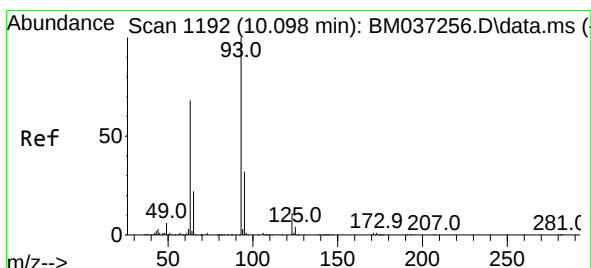
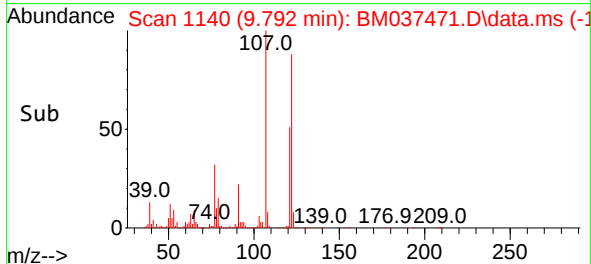
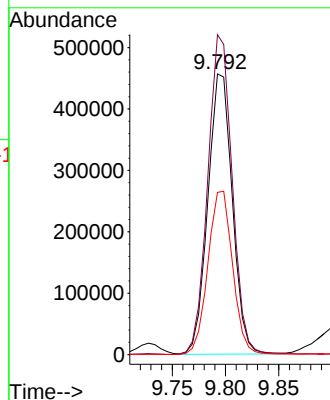
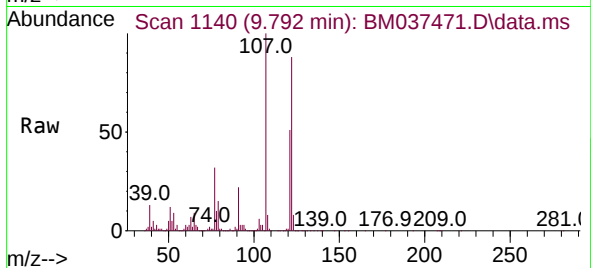
121 57.8 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.557 ng

RT: 10.028 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

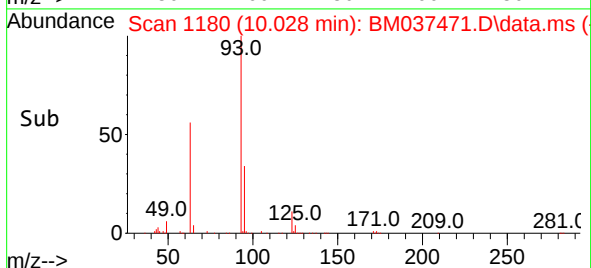
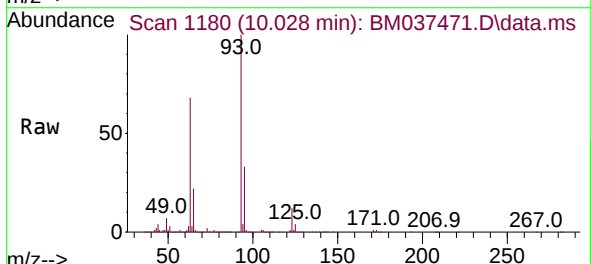
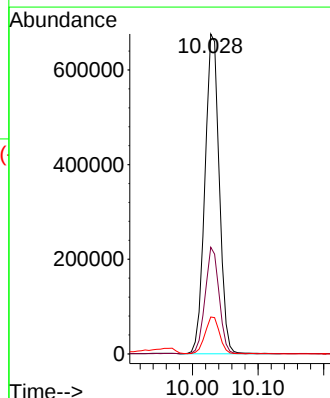
Tgt Ion: 93 Resp: 1020814

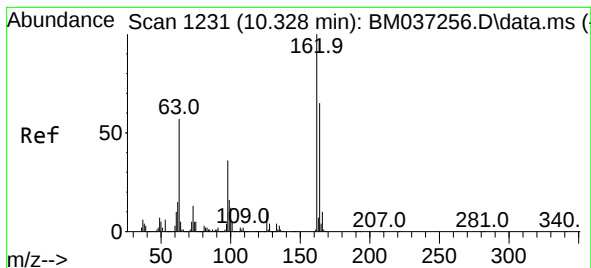
Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

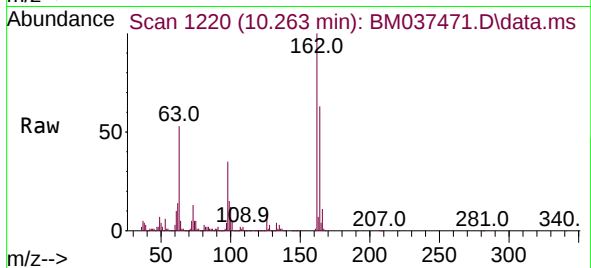
123 11.5 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 45.952 ng
RT: 10.263 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

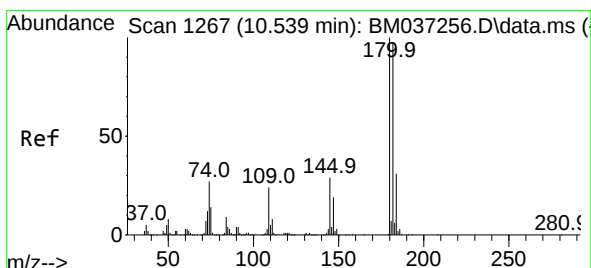
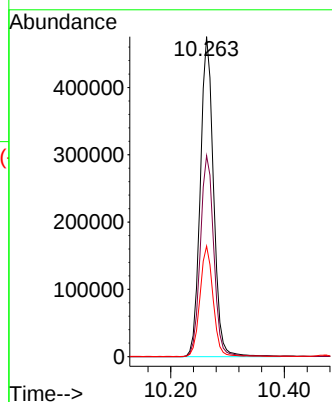
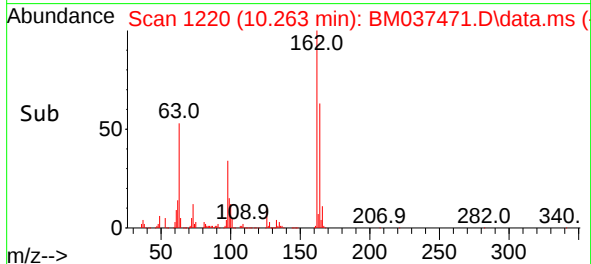
Instrument :
BNA_M
ClientSampleId :
PB148855BS



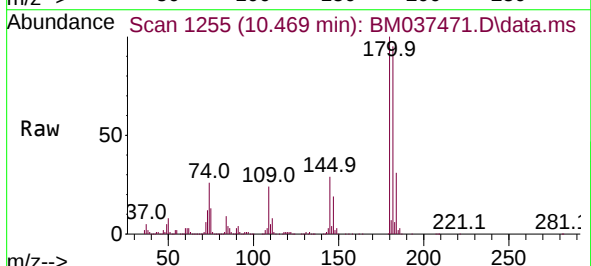
Tgt Ion:162 Resp: 765638
Ion Ratio Lower Upper
162 100
164 62.8 45.0 85.0
98 34.5 16.2 56.2

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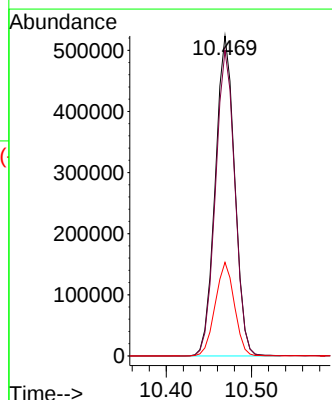
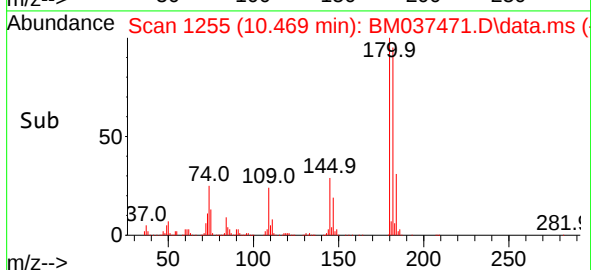
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

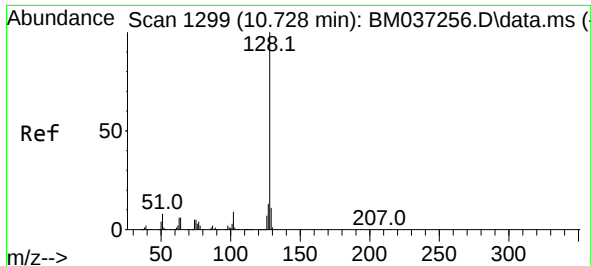


#30
1,2,4-Trichlorobenzene
Concen: 43.820 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



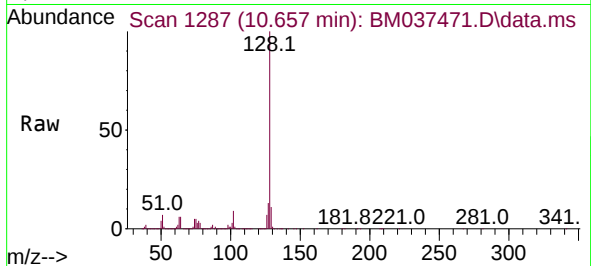
Tgt Ion:180 Resp: 827955
Ion Ratio Lower Upper
180 100
182 95.4 77.5 116.3
145 29.2 23.5 35.3





#31
Naphthalene
Concen: 41.328 ng
RT: 10.657 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

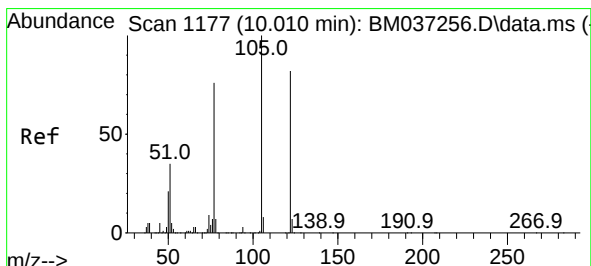
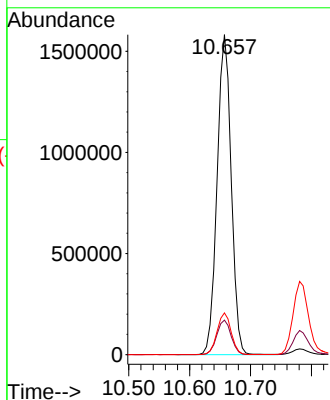
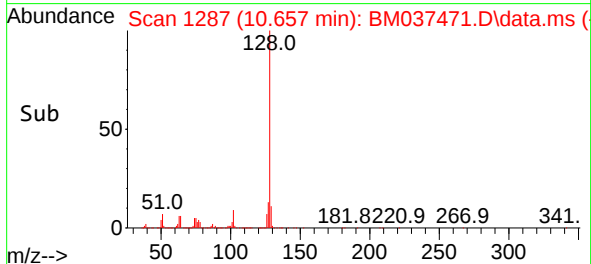
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:128 Resp: 2545599
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.2 15.2

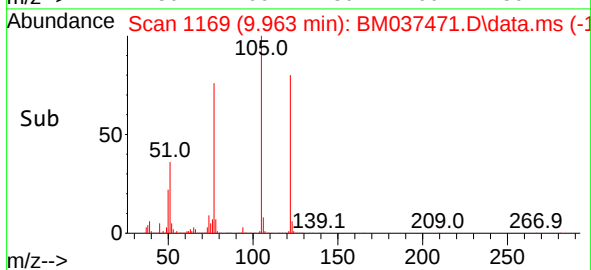
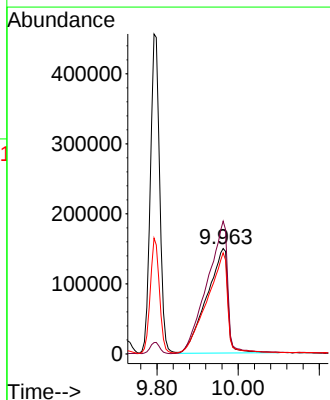
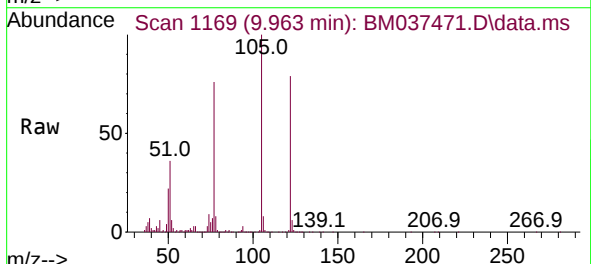
Manual Integrations
APPROVED

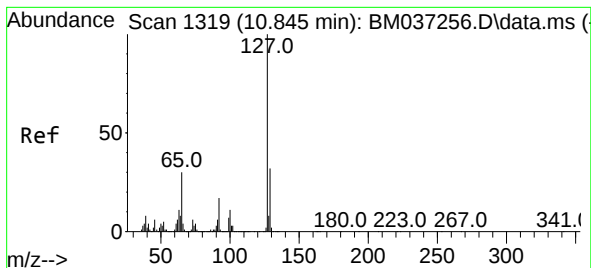
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#32
Benzoic acid
Concen: 42.051 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

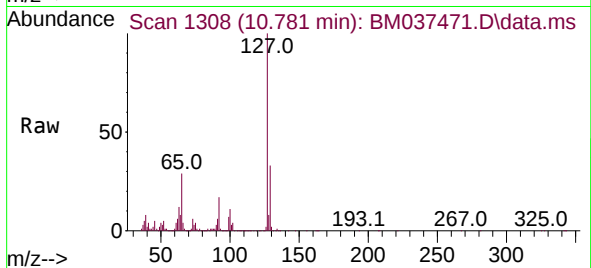
Tgt Ion:122 Resp: 542120
Ion Ratio Lower Upper
122 100
105 125.9 100.1 140.1
77 95.9 71.7 111.7





#33
4-Chloroaniline
Concen: 26.611 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

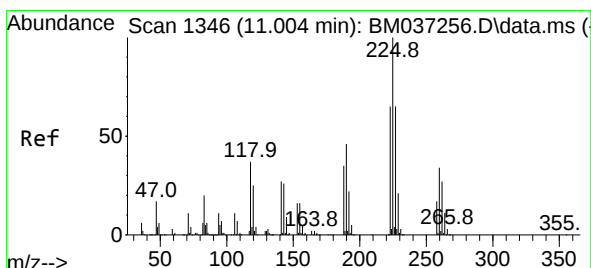
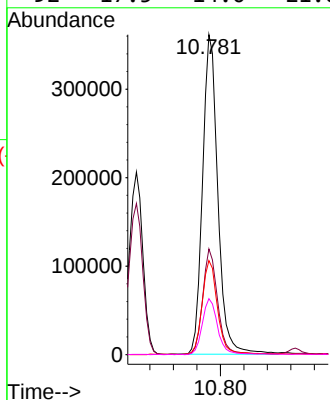
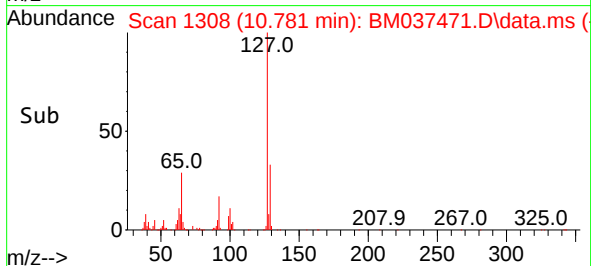
Instrument :
BNA_M
ClientSampleId :
PB148855BS



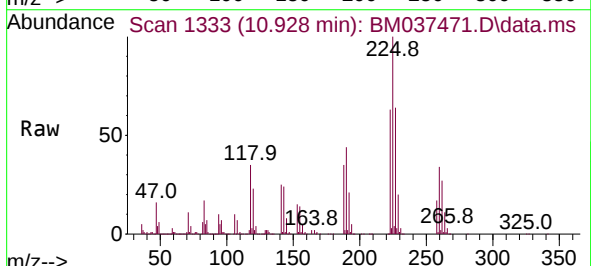
Tgt Ion:127 Resp: 652918
Ion Ratio Lower Upper
127 100
129 33.0 25.5 38.3
65 29.4 24.0 36.0
92 17.5 14.0 21.0

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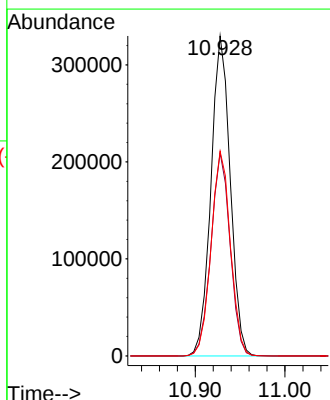
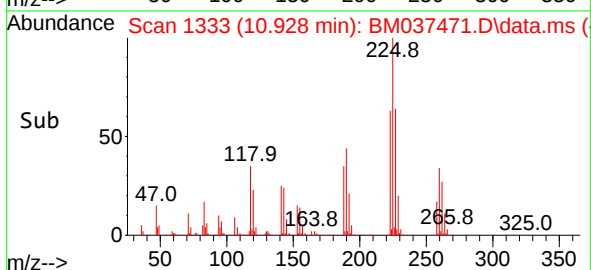
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

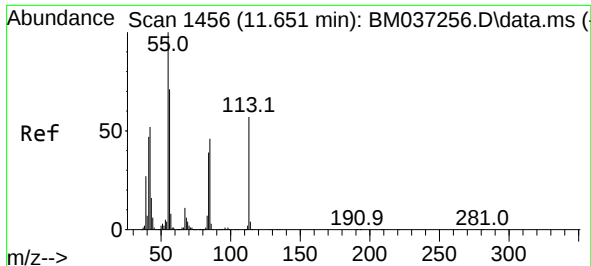


#34
Hexachlorobutadiene
Concen: 46.849 ng
RT: 10.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



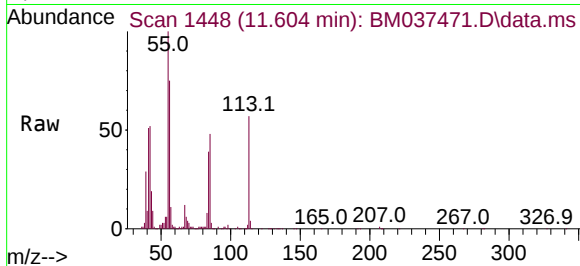
Tgt Ion:225 Resp: 494284
Ion Ratio Lower Upper
225 100
223 63.5 51.9 77.9
227 63.9 52.2 78.4





#35
Caprolactam
Concen: 42.105 ng
RT: 11.604 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

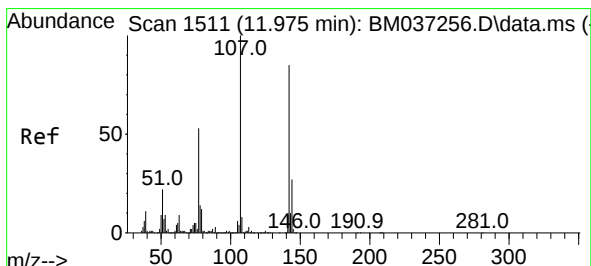
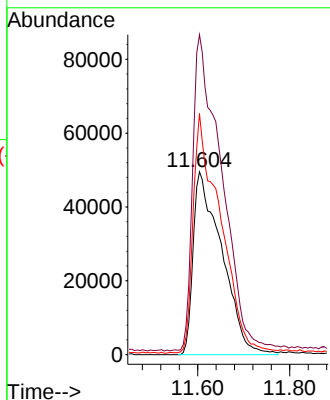
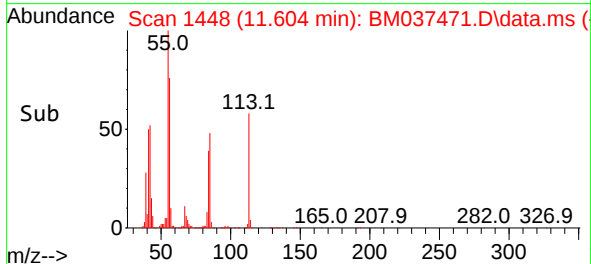
Instrument :
BNA_M
ClientSampleId :
PB148855BS



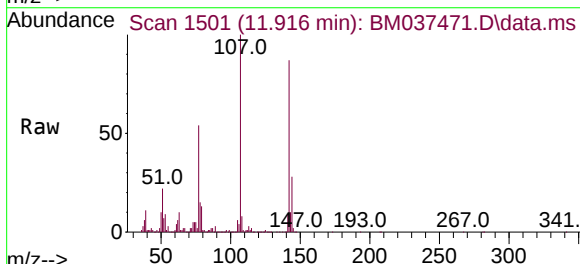
Tgt Ion:113 Resp: 213274
Ion Ratio Lower Upper
113 100
55 175.0 156.9 196.9
56 131.8 106.4 146.4

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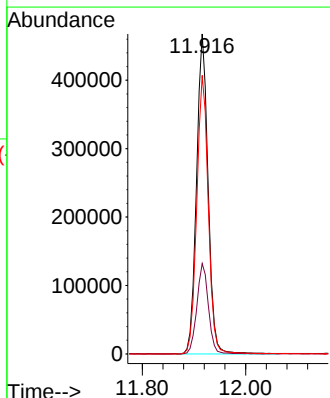
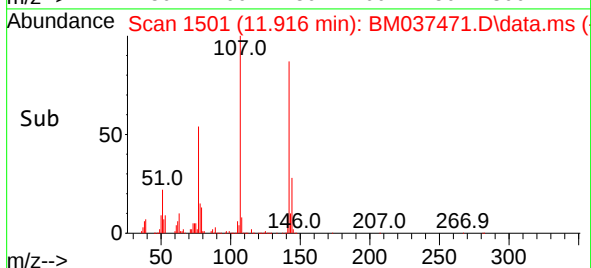
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

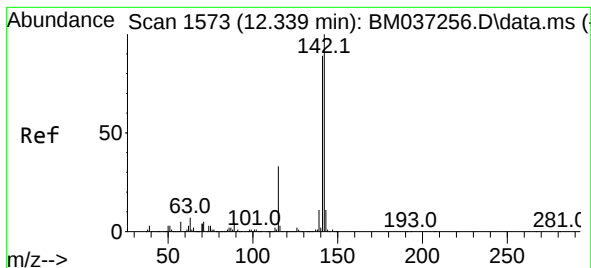


#36
4-Chloro-3-methylphenol
Concen: 42.325 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



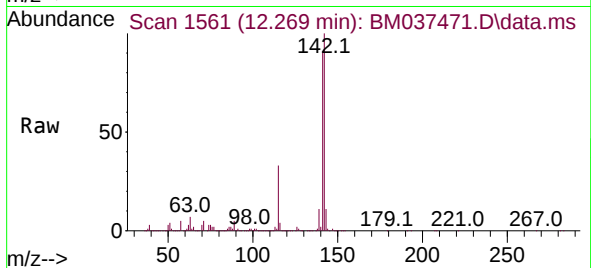
Tgt Ion:107 Resp: 726728
Ion Ratio Lower Upper
107 100
144 28.2 21.8 32.6
142 87.0 68.1 102.1





#37
2-Methylnaphthalene
Concen: 40.996 ng
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

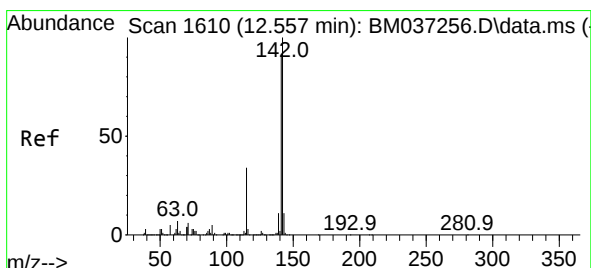
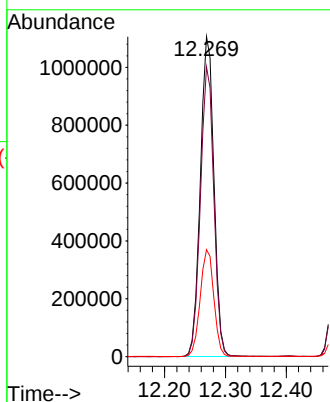
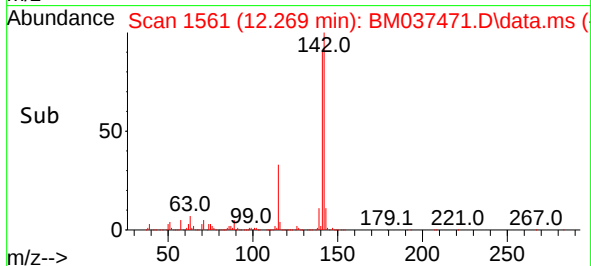
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:142 Resp: 1710863
Ion Ratio Lower Upper
142 100
141 90.5 71.3 106.9
115 33.4 26.0 39.0

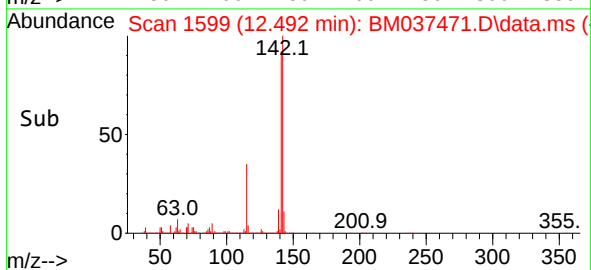
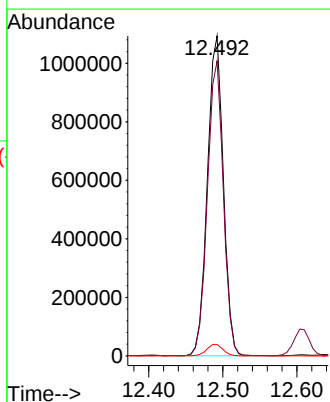
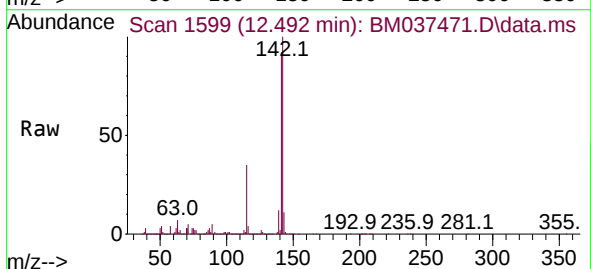
Manual Integrations
APPROVED

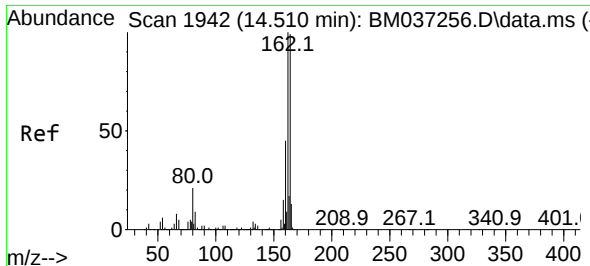
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#38
1-Methylnaphthalene
Concen: 40.062 ng
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

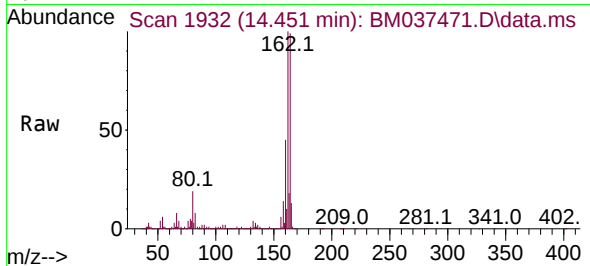
Tgt Ion:142 Resp: 1633625
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.6
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

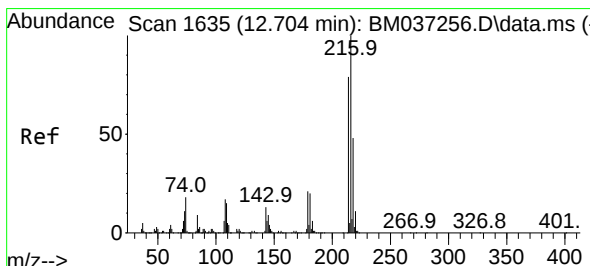
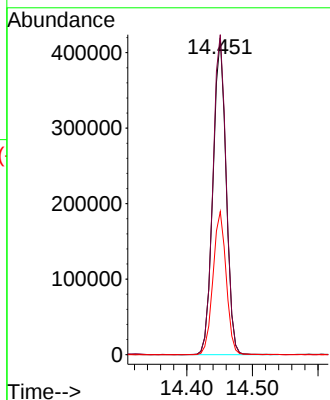
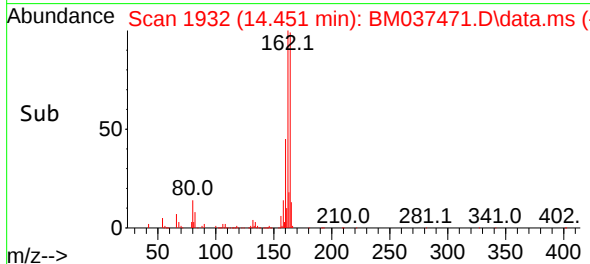
Instrument :
BNA_M
ClientSampleId :
PB148855BS



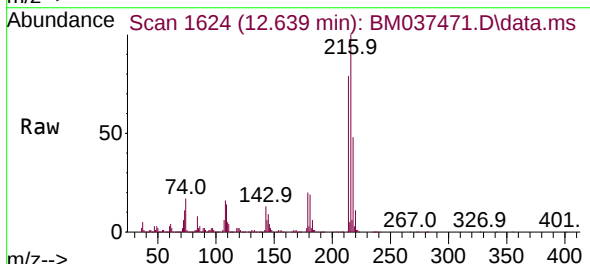
Tgt Ion:164 Resp: 583852
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.2 36.2 54.4

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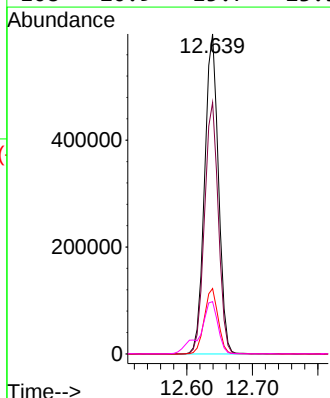
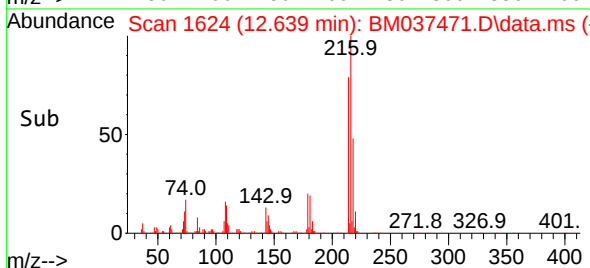
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

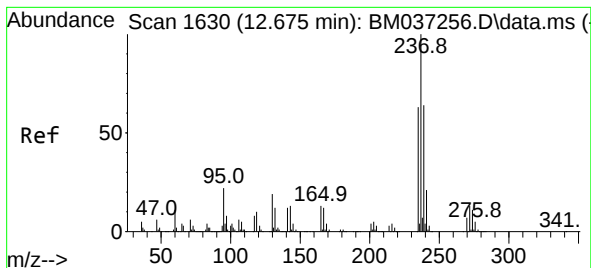


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.747 ng
RT: 12.639 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



Tgt Ion:216 Resp: 873288
Ion Ratio Lower Upper
216 100
214 78.3 63.1 94.7
179 20.4 16.8 25.2
108 20.9 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 133.632 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037471.D

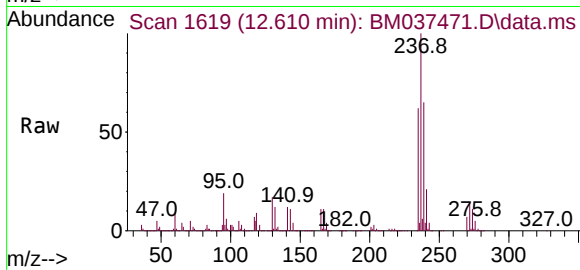
Acq: 11 Nov 2022 17:39

Instrument :

BNA_M

ClientSampleId :

PB148855BS



Tgt Ion:237 Resp: 1117688

Ion Ratio Lower Upper

237 100

235 62.3 42.9 82.9

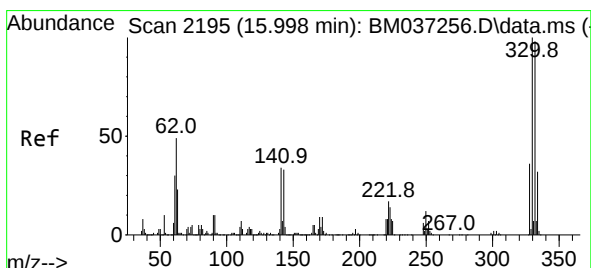
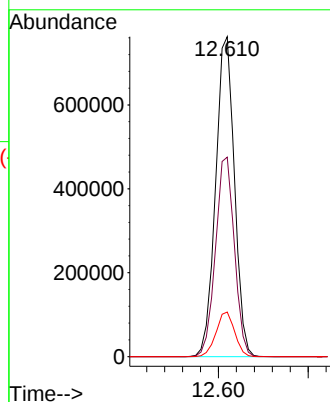
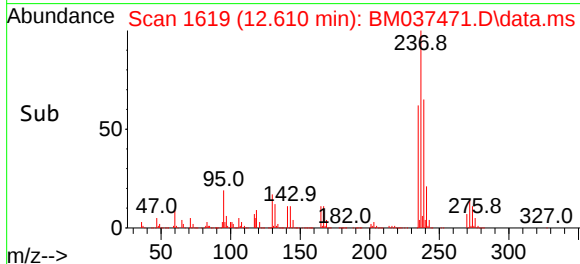
272 13.9 0.0 33.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#42

2,4,6-Tribromophenol

Concen: 160.235 ng

RT: 15.945 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

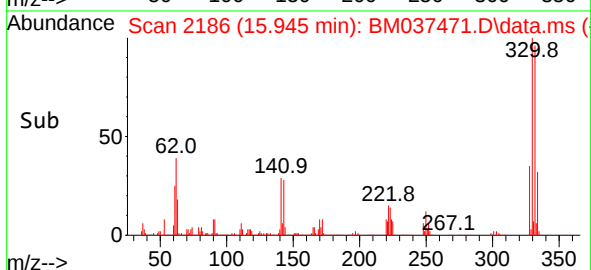
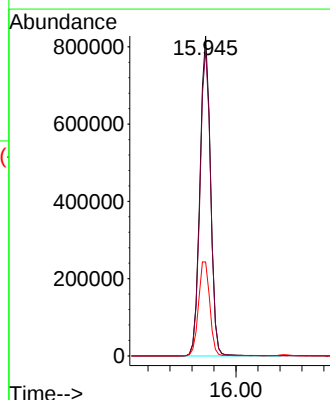
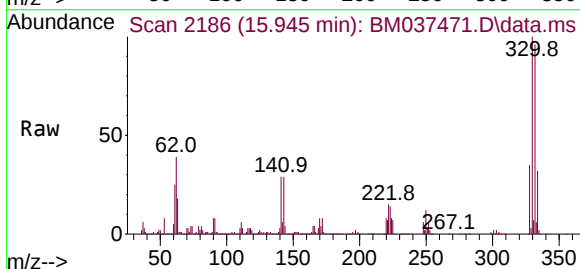
Tgt Ion:330 Resp: 1102496

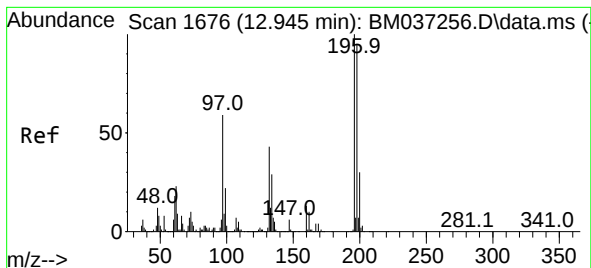
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

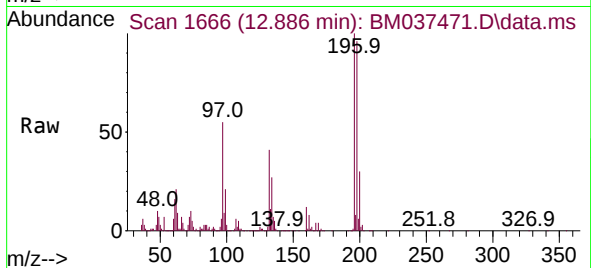
141 31.3 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 47.708 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

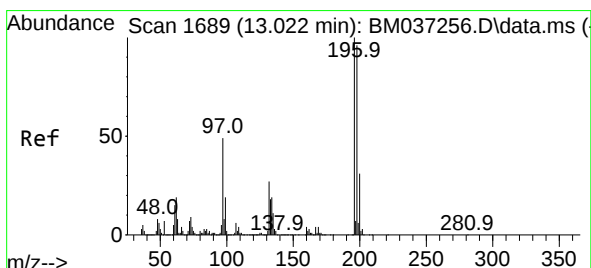
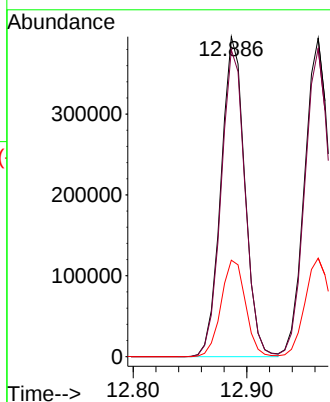
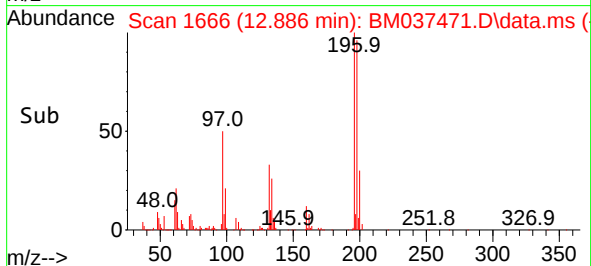
Instrument :
BNA_M
ClientSampleId :
PB148855BS



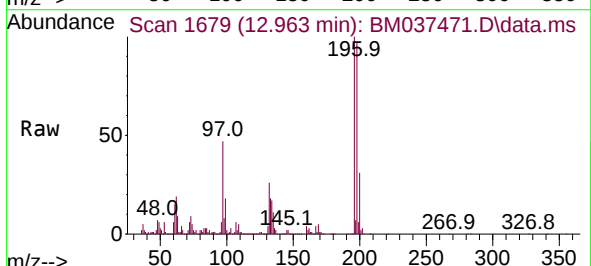
Tgt Ion:196 Resp: 576540
Ion Ratio Lower Upper
196 100
198 95.9 76.1 114.1
200 30.1 24.4 36.6

Manual Integrations
APPROVED

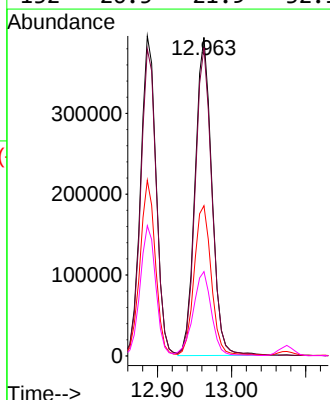
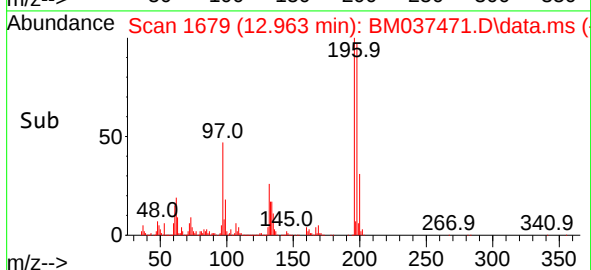
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

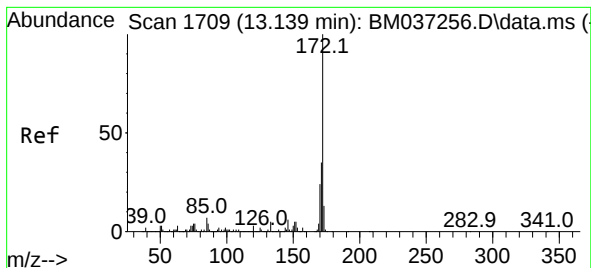


#44
2,4,5-Trichlorophenol
Concen: 46.558 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



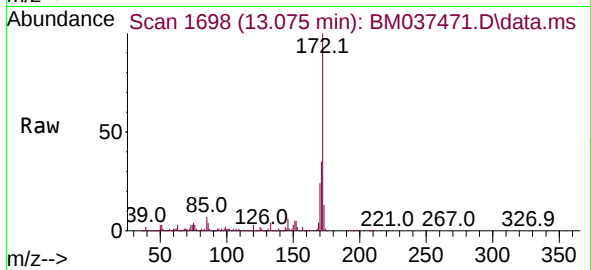
Tgt Ion:196 Resp: 620658
Ion Ratio Lower Upper
196 100
198 96.8 77.0 115.6
97 47.2 39.4 59.2
132 26.5 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 88.480 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

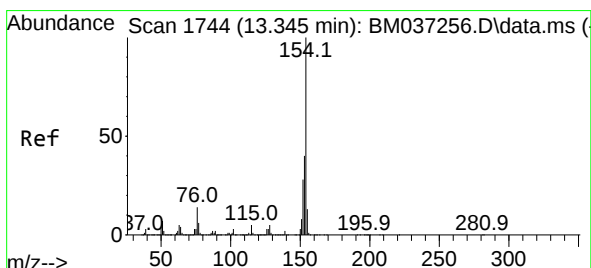
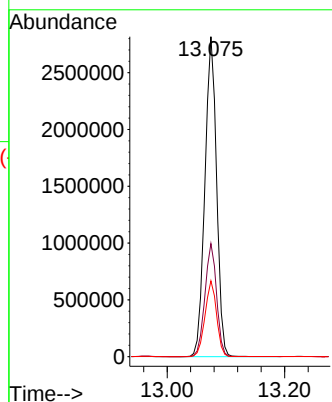
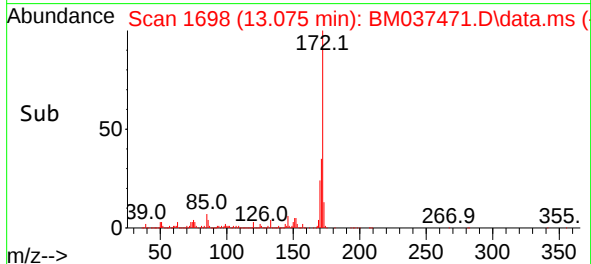
Instrument :
BNA_M
ClientSampleId :
PB148855BS



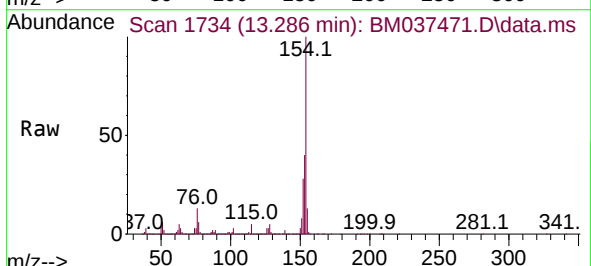
Tgt Ion:172 Resp: 388796
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.7 19.0 28.4

Manual Integrations
APPROVED

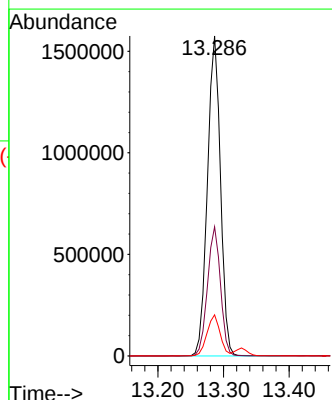
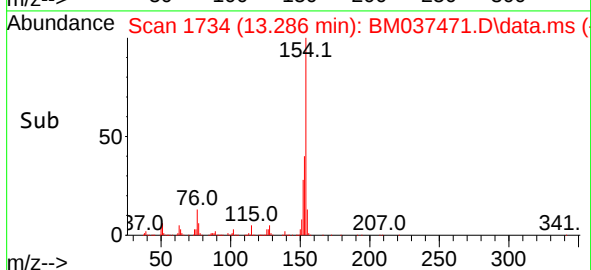
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

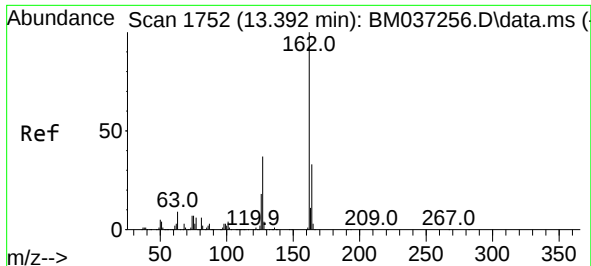


#46
1,1'-Biphenyl
Concen: 45.938 ng
RT: 13.286 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



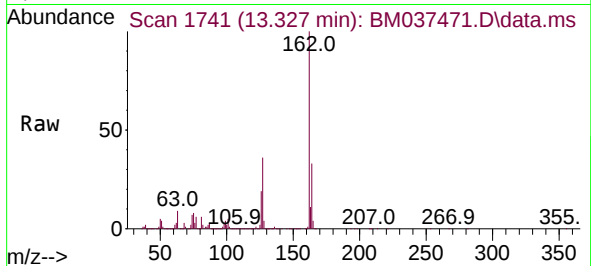
Tgt Ion:154 Resp: 2164398
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 12.8 0.0 33.7





#47
2-Chloronaphthalene
Concen: 44.246 ng
RT: 13.327 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

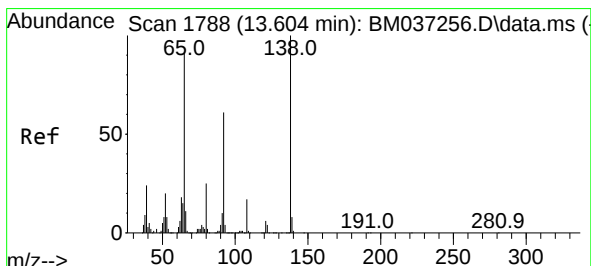
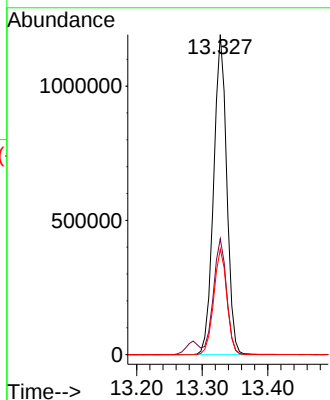
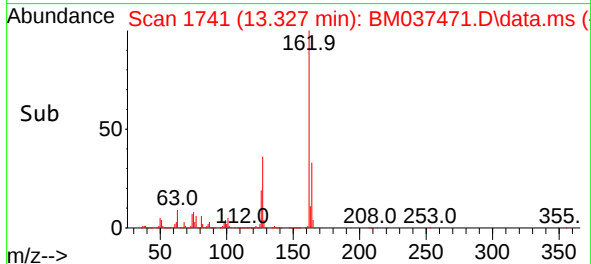
Instrument :
BNA_M
ClientSampleId :
PB148855BS



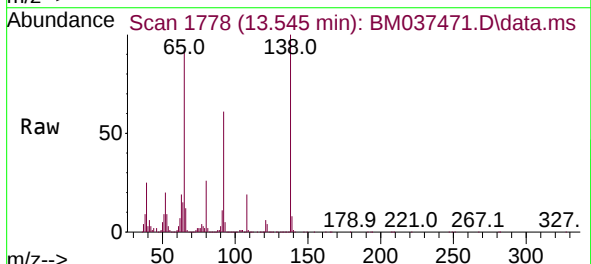
Tgt Ion:162 Resp: 1658956
Ion Ratio Lower Upper
162 100
127 36.2 29.5 44.3
164 32.9 26.3 39.5

Manual Integrations
APPROVED

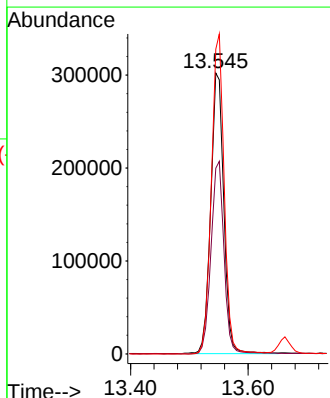
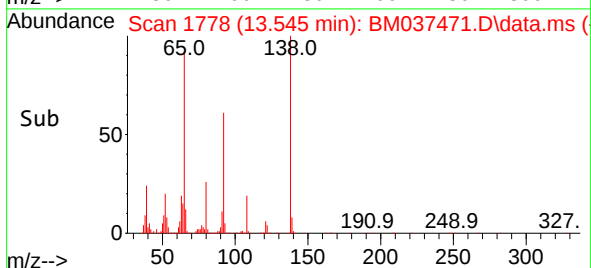
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

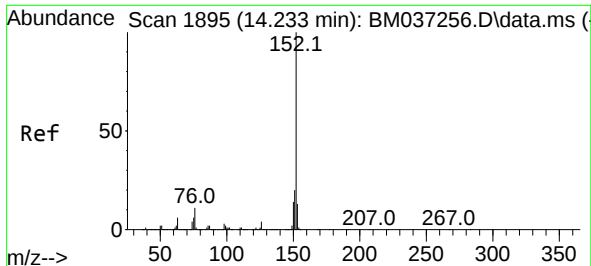


#48
2-Nitroaniline
Concen: 42.953 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



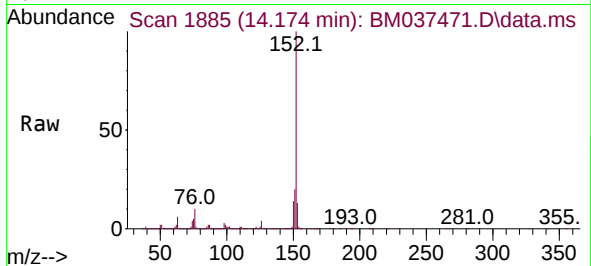
Tgt Ion: 65 Resp: 465400
Ion Ratio Lower Upper
65 100
92 66.1 53.7 80.5
138 108.5 87.4 131.2





#49
Acenaphthylene
Concen: 43.325 ng
RT: 14.174 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

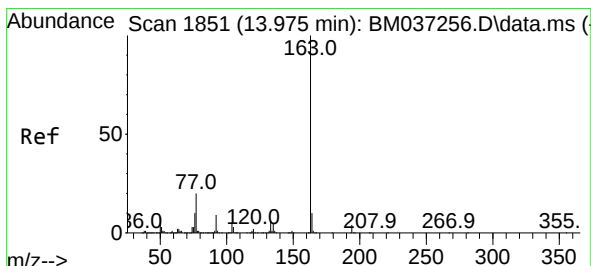
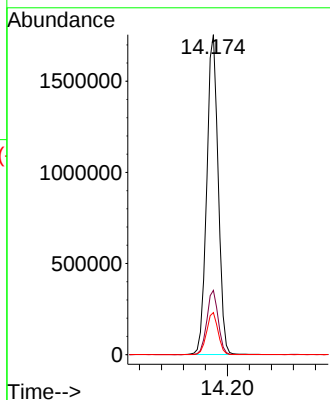
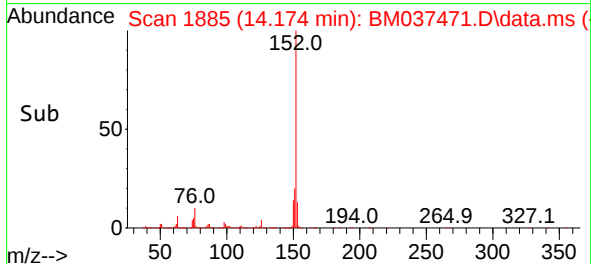
Instrument :
BNA_M
ClientSampleId :
PB148855BS



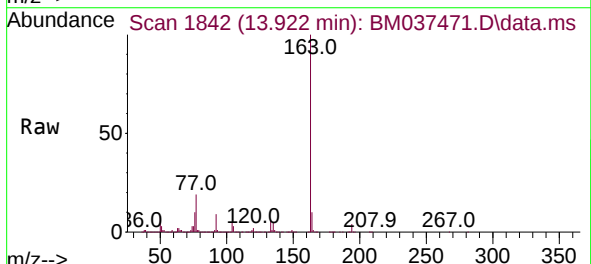
Tgt Ion:152 Resp: 2521636
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.1 10.6 15.8

Manual Integrations
APPROVED

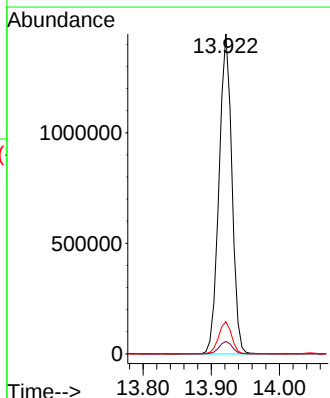
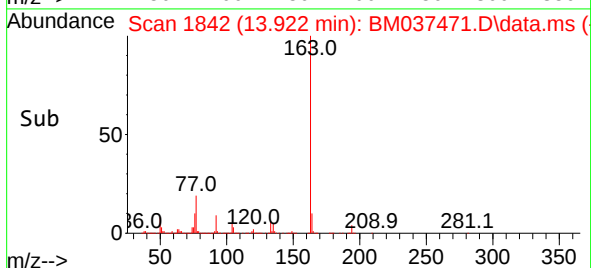
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

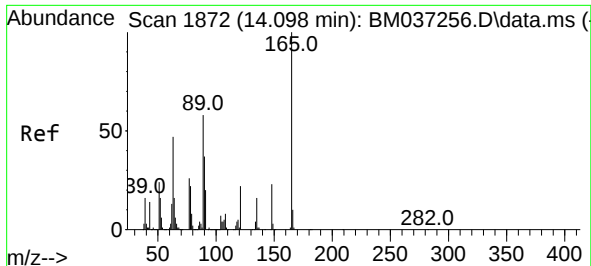


#50
Dimethylphthalate
Concen: 42.215 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



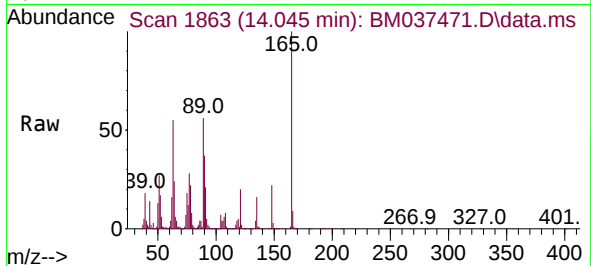
Tgt Ion:163 Resp: 1882628
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.127 ng
RT: 14.045 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

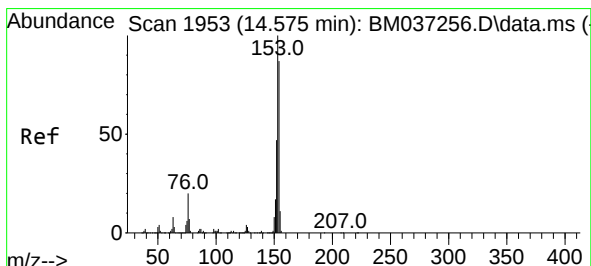
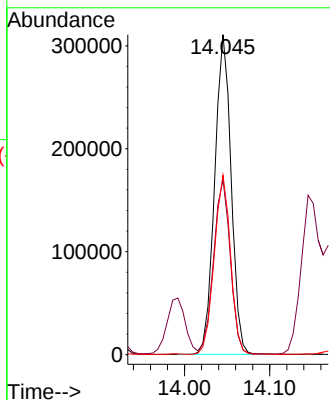
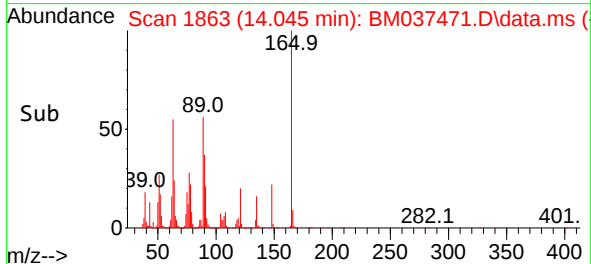
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:165 Resp: 416733
Ion Ratio Lower Upper
165 100
63 54.7 46.2 69.2
89 56.1 46.6 69.8

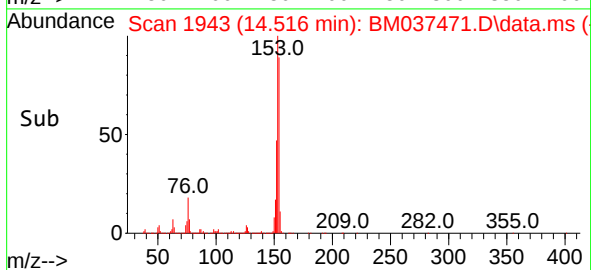
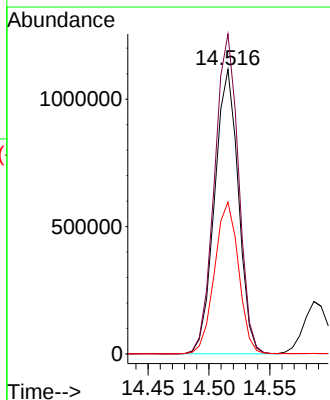
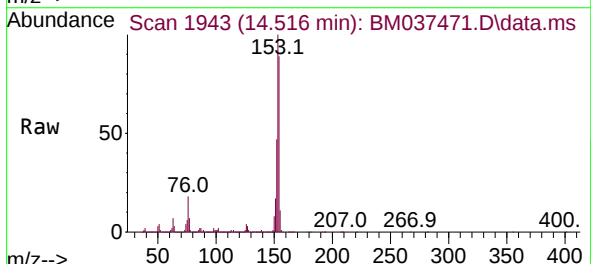
Manual Integrations
APPROVED

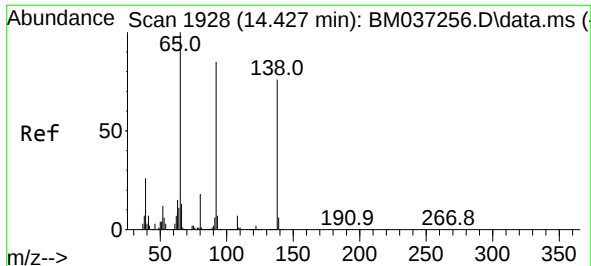
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#52
Acenaphthene
Concen: 42.192 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:154 Resp: 1518179
Ion Ratio Lower Upper
154 100
153 112.5 91.5 137.3
152 53.3 43.0 64.6





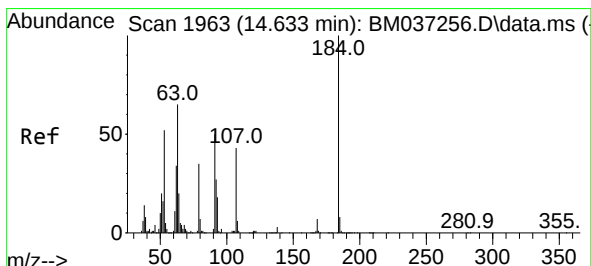
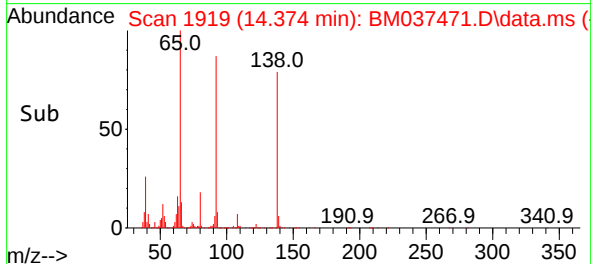
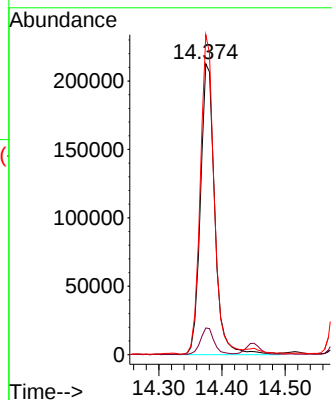
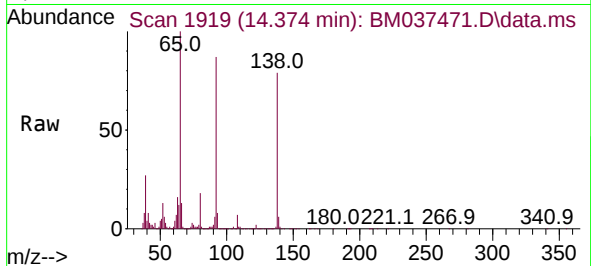
#53
3-Nitroaniline
Concen: 31.763 ng
RT: 14.374 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Tgt Ion:138 Resp: 335122
Ion Ratio Lower Upper
138 100
108 9.1 7.3 10.9
92 110.0 89.8 134.8

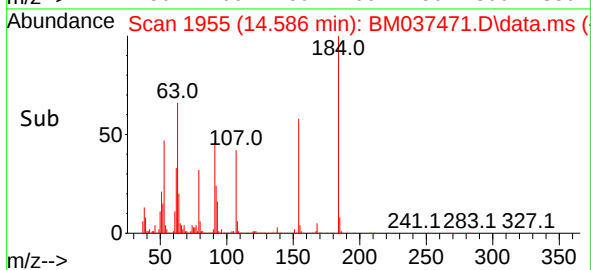
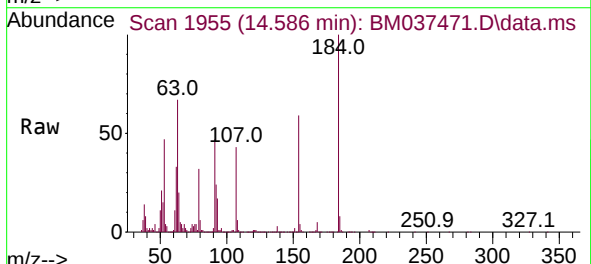
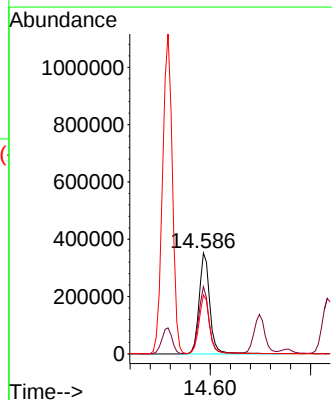
Manual Integrations
APPROVED

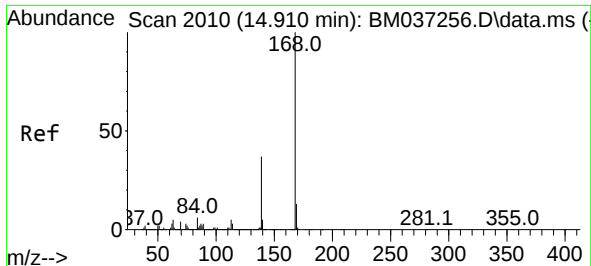
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#54
2,4-Dinitrophenol
Concen: 83.409 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

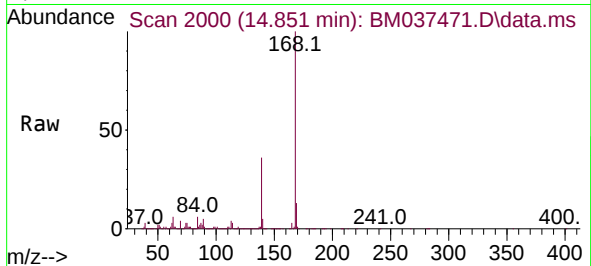
Tgt Ion:184 Resp: 520523
Ion Ratio Lower Upper
184 100
63 66.5 57.7 86.5
154 58.5 48.3 72.5





#55
Dibenzenofuran
Concen: 42.467 ng
RT: 14.851 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

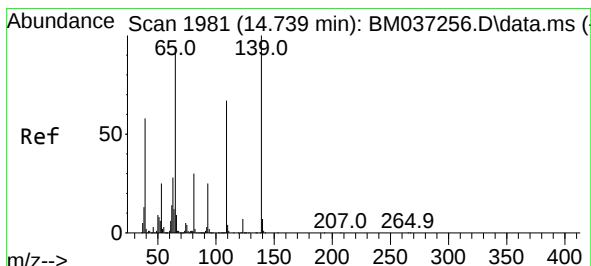
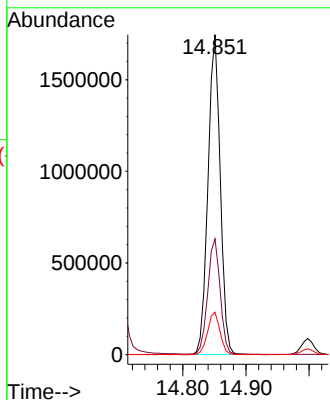
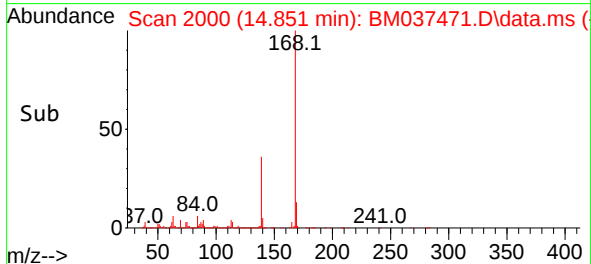
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:168 Resp: 235358
Ion Ratio Lower Upper
168 100
139 36.2 29.3 43.9
169 13.2 10.6 16.0

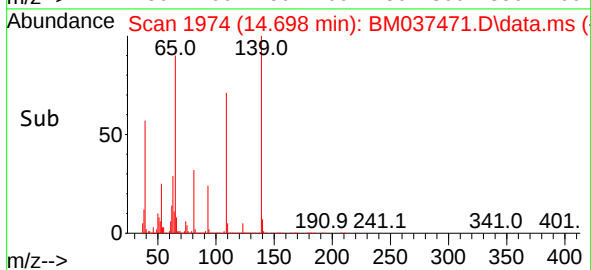
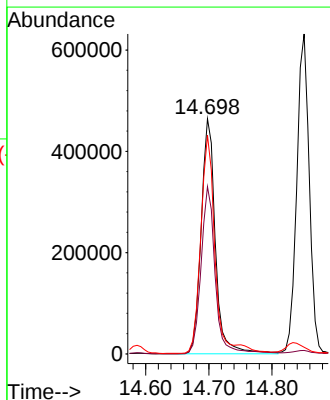
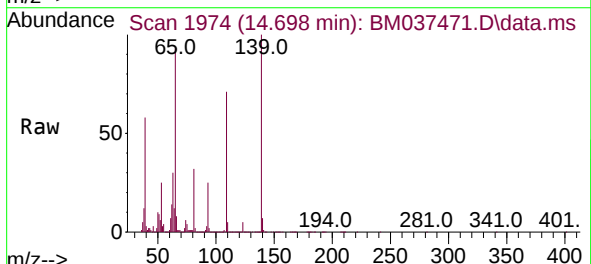
Manual Integrations
APPROVED

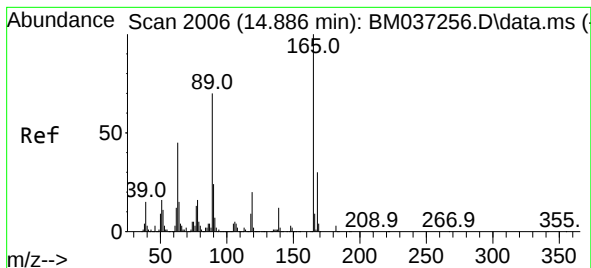
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#56
4-Nitrophenol
Concen: 86.264 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

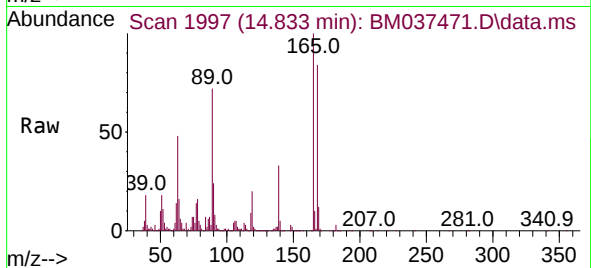
Tgt Ion:139 Resp: 726066
Ion Ratio Lower Upper
139 100
109 71.2 47.4 87.4
65 93.0 73.8 113.8





#57
2,4-Dinitrotoluene
Concen: 44.692 ng
RT: 14.833 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

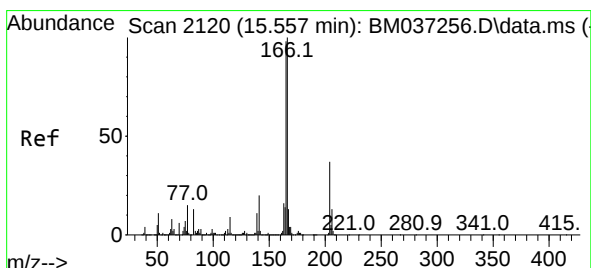
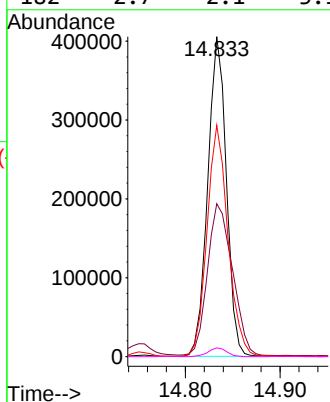
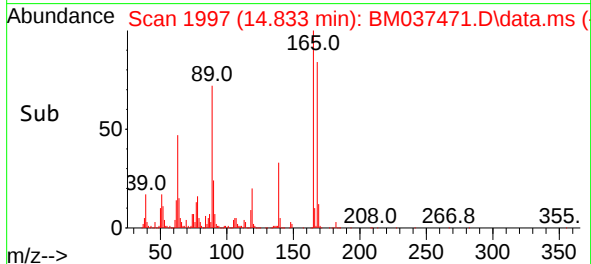
Instrument :
BNA_M
ClientSampleId :
PB148855BS



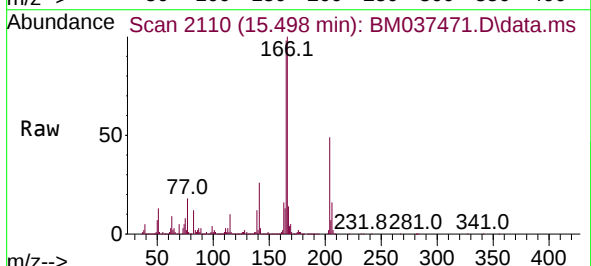
Tgt Ion:165 Resp: 555384
Ion Ratio Lower Upper
165 100
63 47.8 36.3 54.5
89 72.3 56.3 84.5
182 2.7 2.1 3.1

Manual Integrations
APPROVED

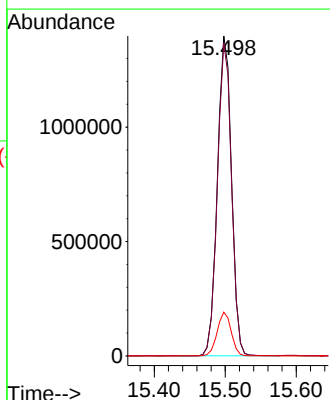
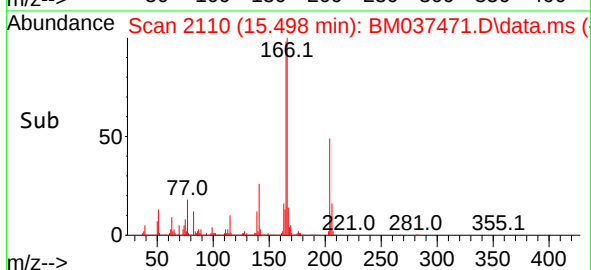
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

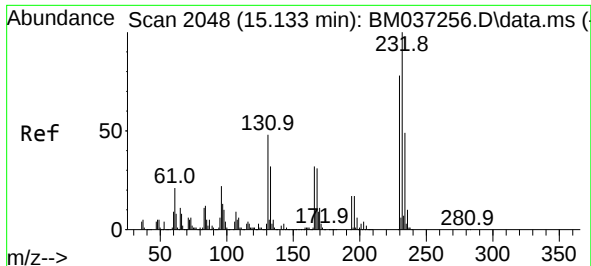


#58
Fluorene
Concen: 41.920 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



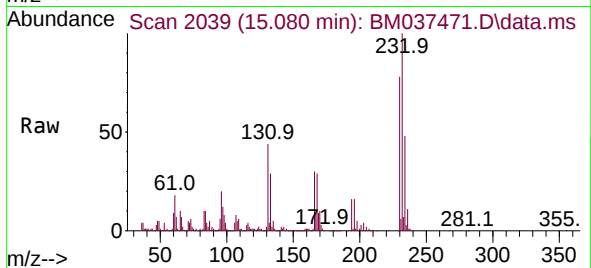
Tgt Ion:166 Resp: 1939238
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.714 ng
RT: 15.080 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

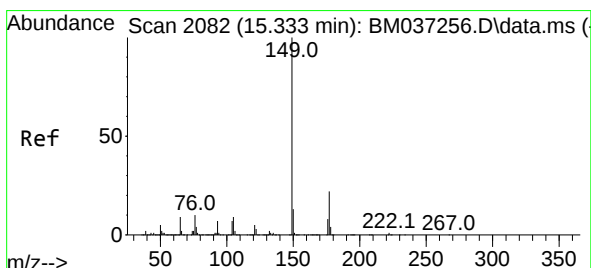
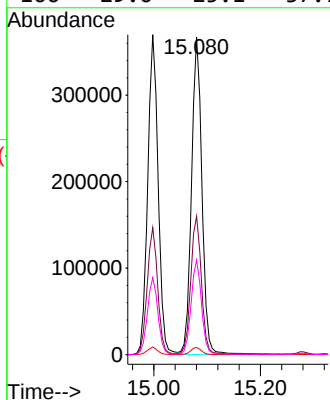
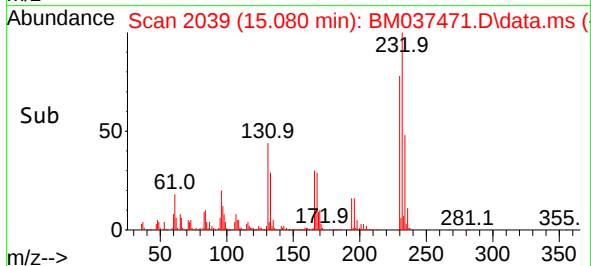
Instrument :
BNA_M
ClientSampleId :
PB148855BS



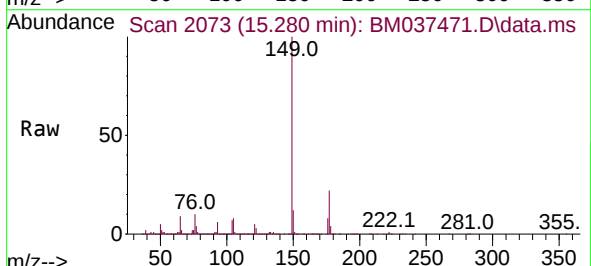
Tgt Ion:232 Resp: 499609
Ion Ratio Lower Upper
232 100
131 44.2 37.8 56.8
130 2.4 1.9 2.9
166 29.6 25.1 37.7

Manual Integrations
APPROVED

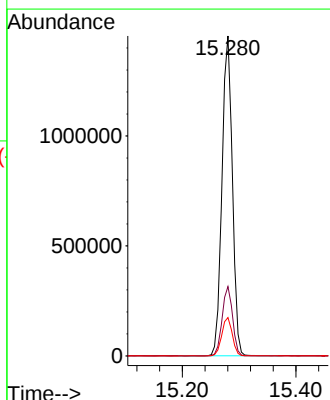
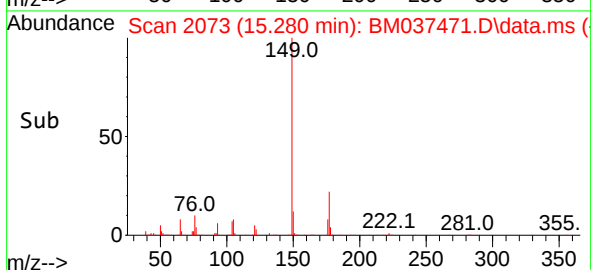
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

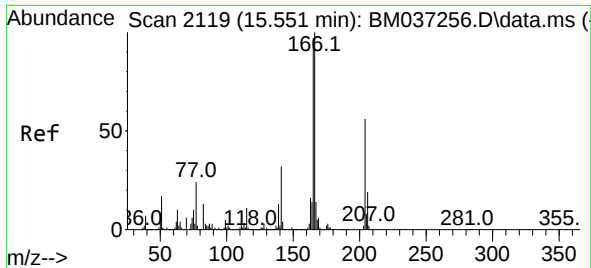


#60
Diethylphthalate
Concen: 42.368 ng
RT: 15.280 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



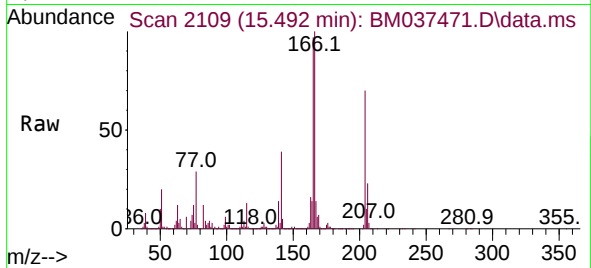
Tgt Ion:149 Resp: 1836413
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.912 ng
RT: 15.492 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

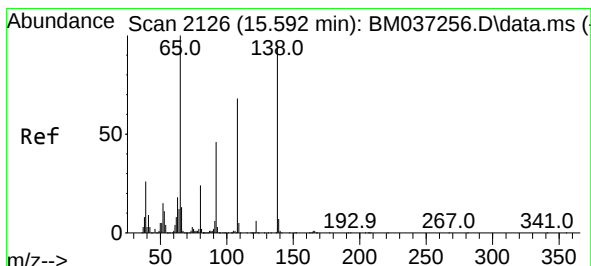
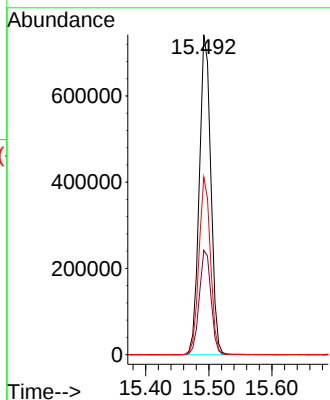
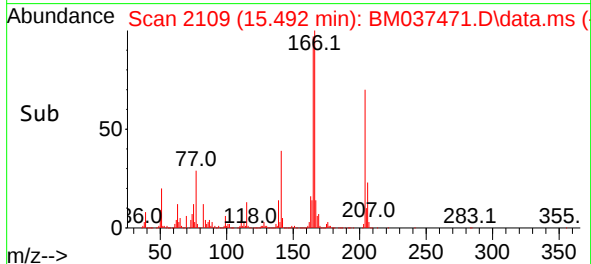
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:204 Resp: 939819
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 55.5 45.2 67.8

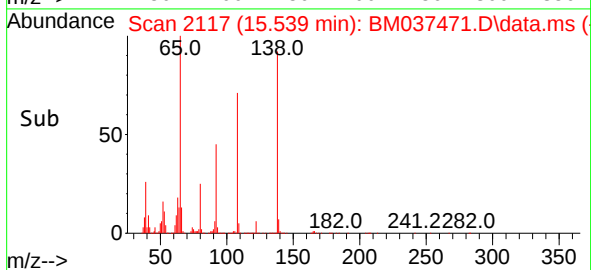
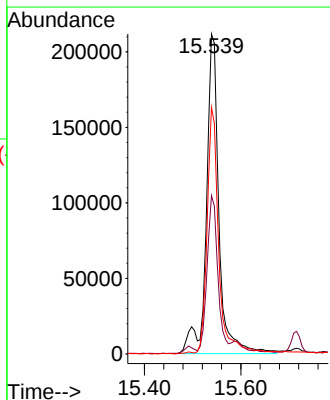
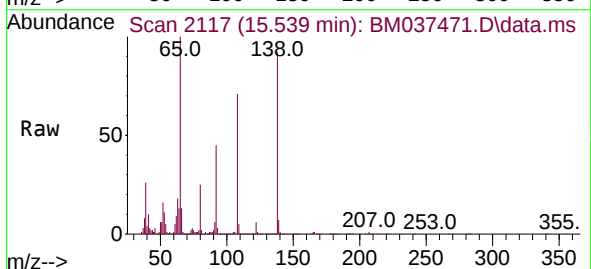
Manual Integrations
APPROVED

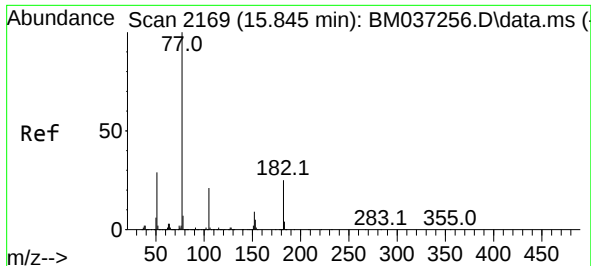
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#62
4-Nitroaniline
Concen: 36.286 ng m
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

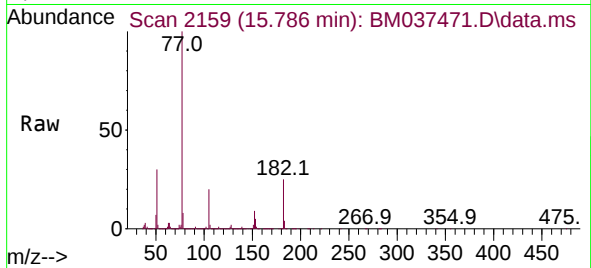
Tgt Ion:138 Resp: 383950
Ion Ratio Lower Upper
138 100
92 49.5 28.1 68.1
108 77.1 51.3 91.3





#63
Azobenzene
Concen: 40.810 ng
RT: 15.786 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

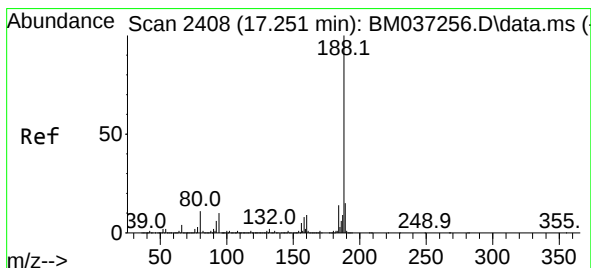
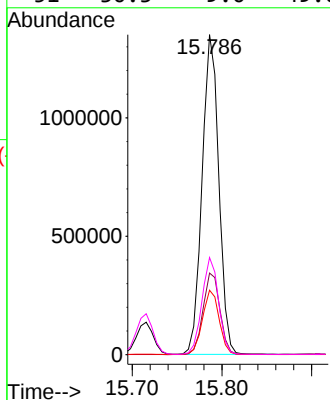
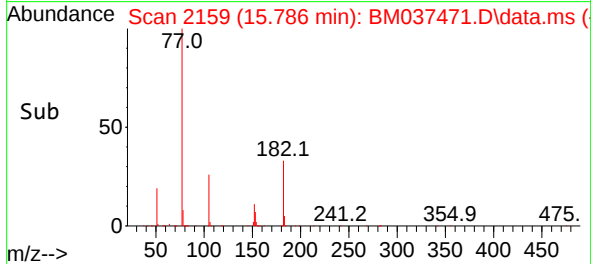
Instrument :
BNA_M
ClientSampleId :
PB148855BS



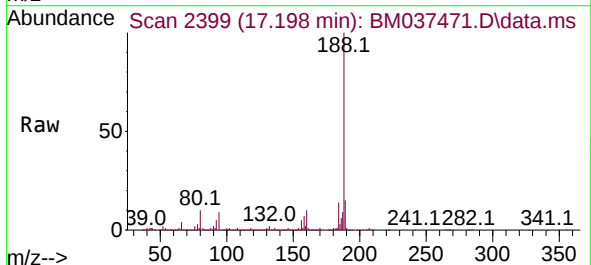
Tgt Ion: 77 Resp: 1742543
Ion Ratio Lower Upper
77 100
182 25.5 5.1 45.1
105 20.1 0.5 40.5
51 30.3 9.0 49.0

Manual Integrations
APPROVED

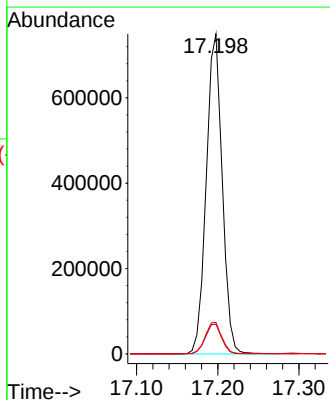
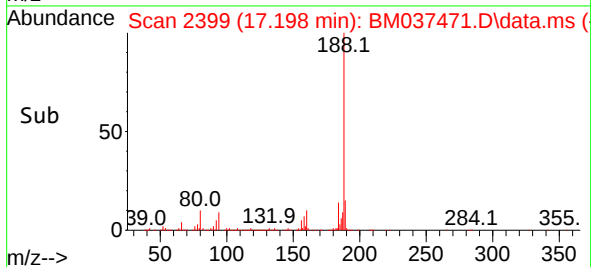
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

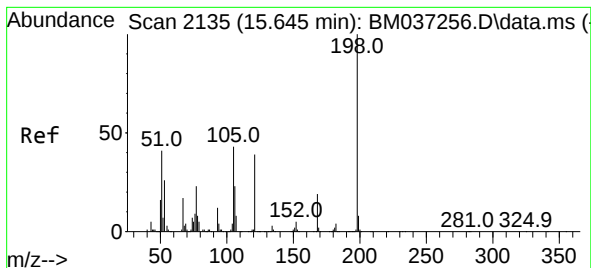


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



Tgt Ion:188 Resp: 1027795
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 9.9 8.5 12.7





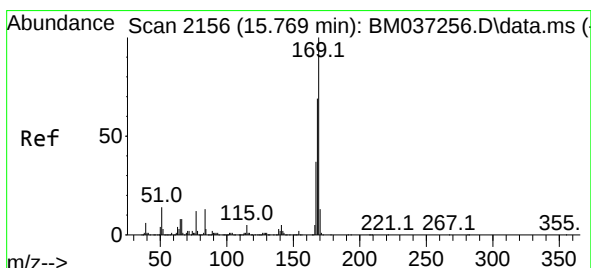
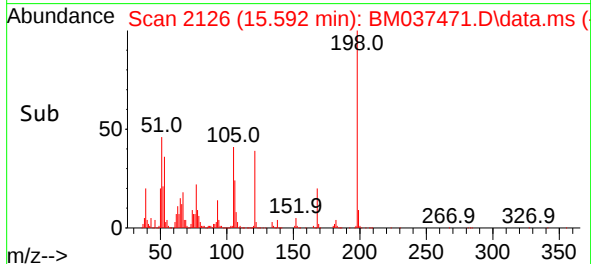
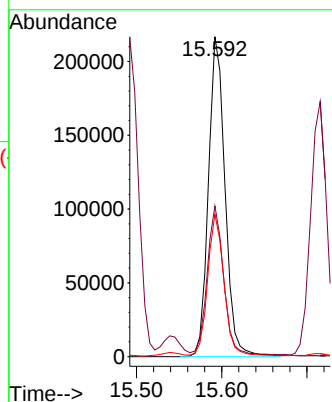
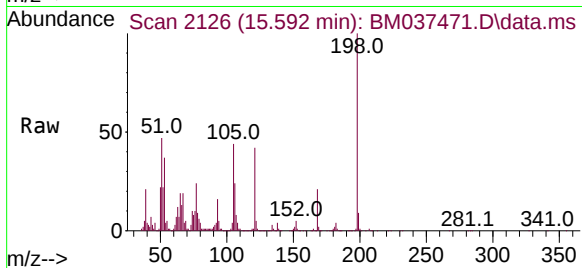
#65
4,6-Dinitro-2-methylphenol
Concen: 41.648 ng
RT: 15.592 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Tgt Ion:198 Resp: 293313
Ion Ratio Lower Upper
198 100
51 47.1 26.8 66.8
105 44.5 24.1 64.1

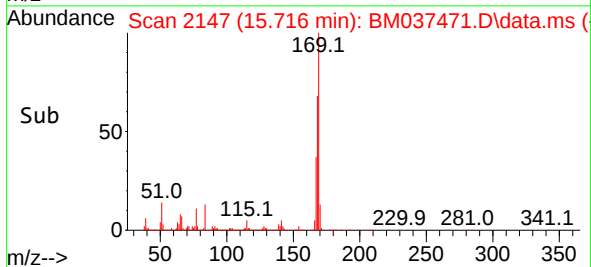
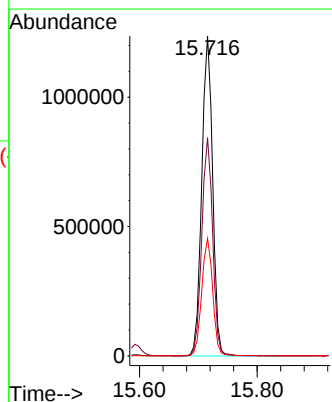
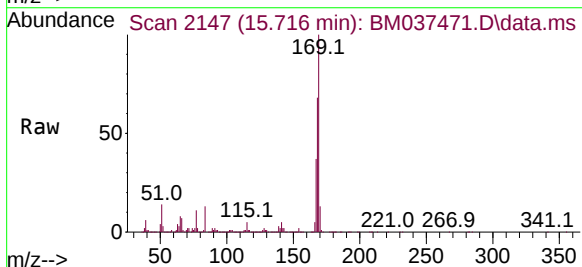
Manual Integrations
APPROVED

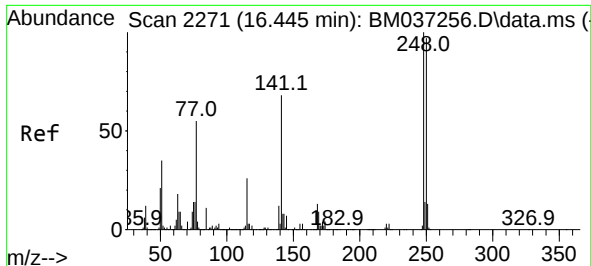
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#66
n-Nitrosodiphenylamine
Concen: 45.531 ng
RT: 15.716 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

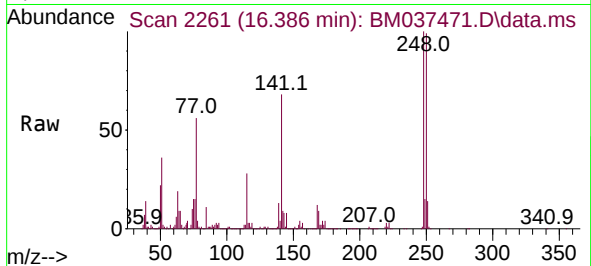
Tgt Ion:169 Resp: 1581760
Ion Ratio Lower Upper
169 100
168 68.2 54.8 82.2
167 36.7 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 48.027 ng
RT: 16.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

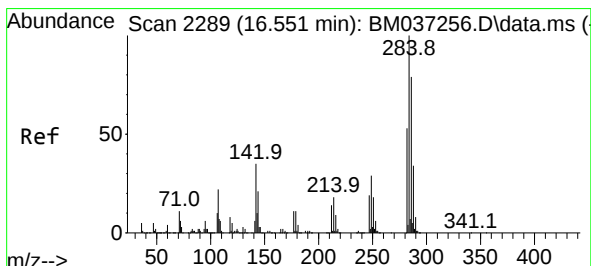
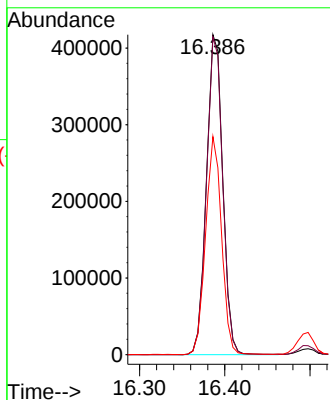
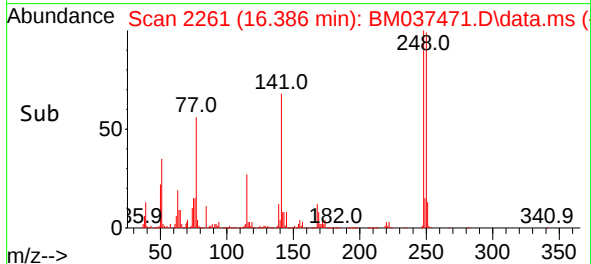
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:248 Resp: 553935
Ion Ratio Lower Upper
248 100
250 99.2 77.8 116.6
141 68.1 54.2 81.2

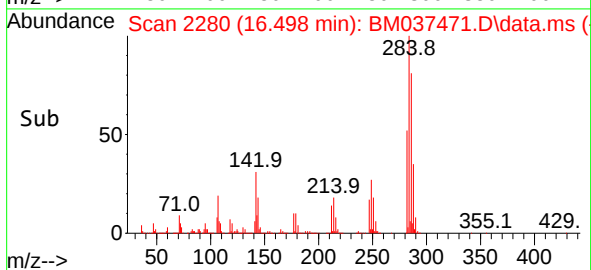
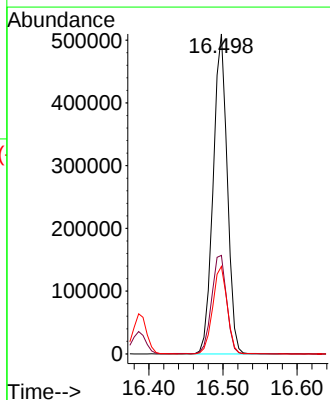
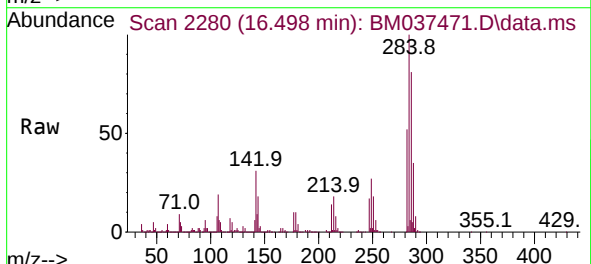
Manual Integrations
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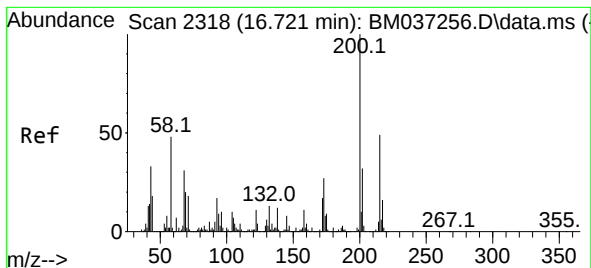
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#68
Hexachlorobenzene
Concen: 48.264 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:284 Resp: 673682
Ion Ratio Lower Upper
284 100
142 30.8 28.2 42.4
249 27.3 23.1 34.7





#69

Atrazine

Concen: 59.439 ng

RT: 16.674 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

Instrument :

BNA_M

ClientSampleId :

PB148855BS

Tgt Ion:200 Resp: 519562

Ion Ratio Lower Upper

200 100

173 25.9 6.8 46.8

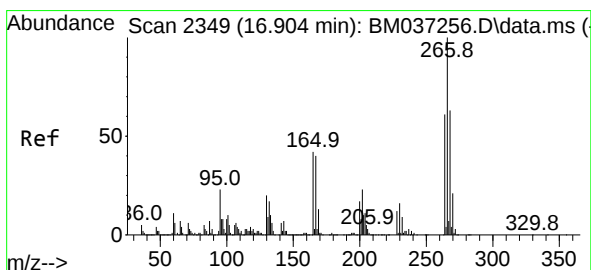
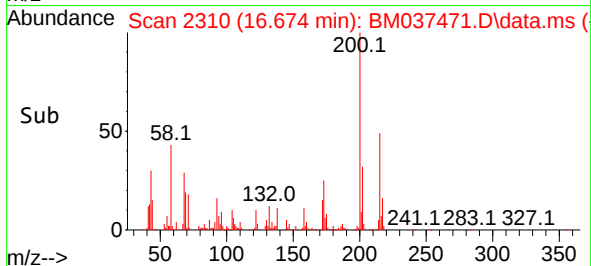
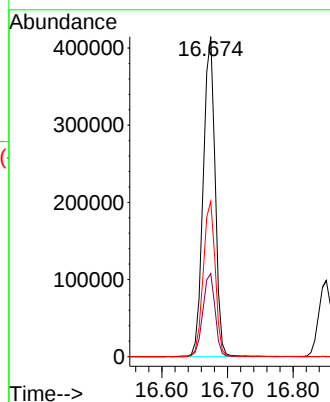
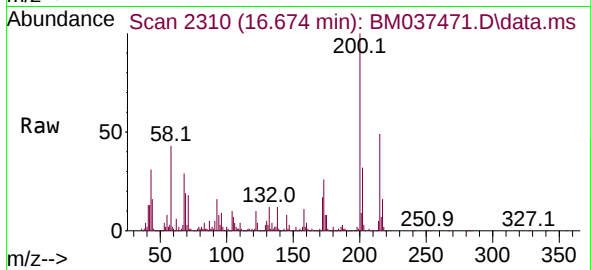
215 48.5 28.5 68.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#70

Pentachlorophenol

Concen: 99.726 ng

RT: 16.851 min Scan# 2340

Delta R.T. 0.000 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

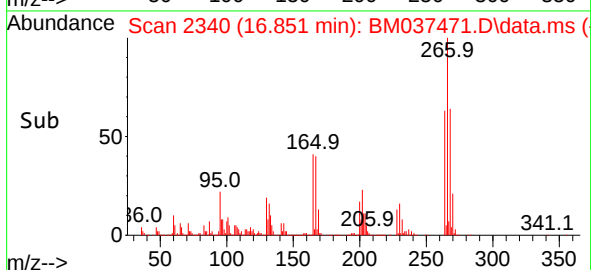
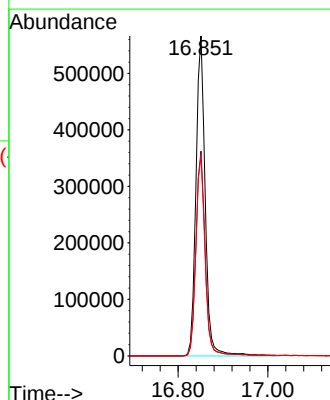
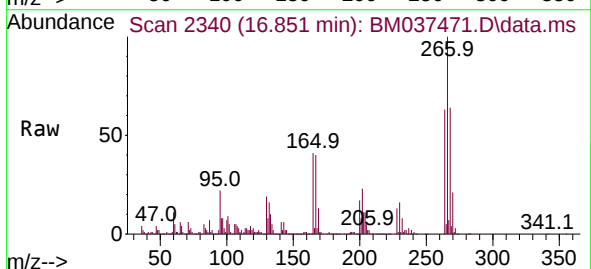
Tgt Ion:266 Resp: 809979

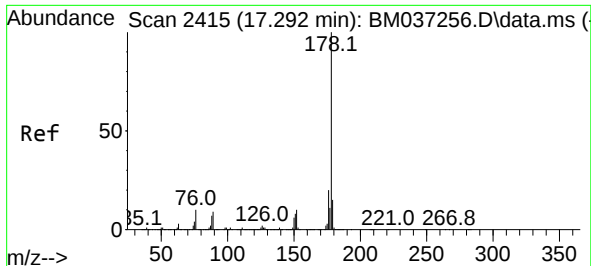
Ion Ratio Lower Upper

266 100

268 64.0 50.7 76.1

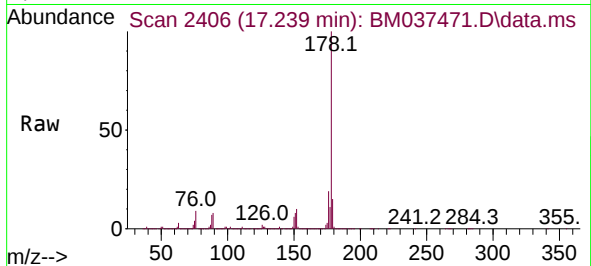
264 62.6 49.1 73.7





#71
Phenanthrene
Concen: 42.472 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

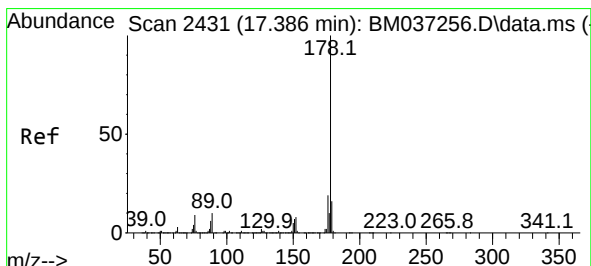
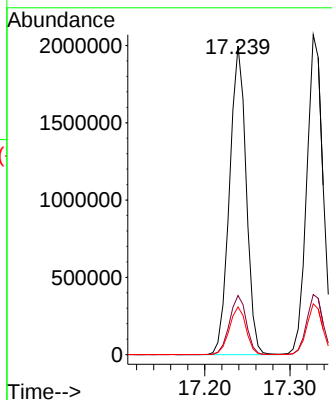
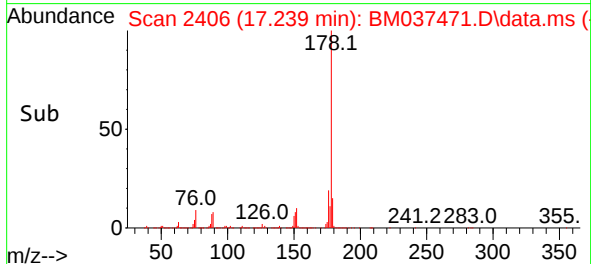
Instrument :
BNA_M
ClientSampleId :
PB148855BS



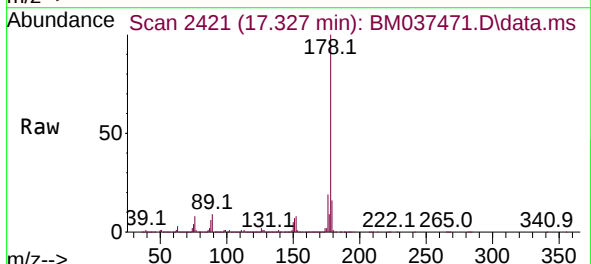
Tgt Ion:178 Resp: 2708239
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.5 12.4 18.6

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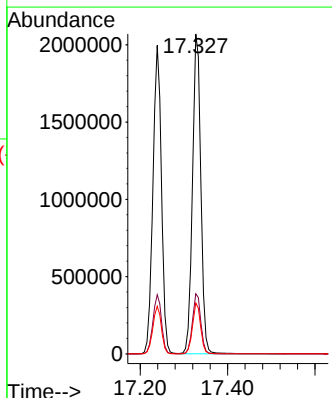
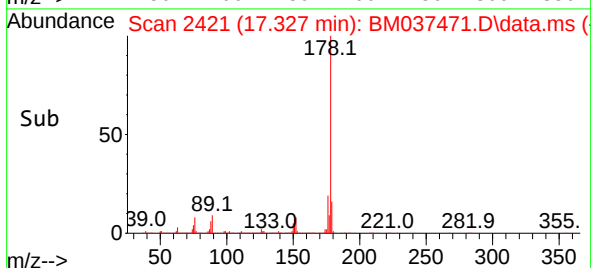
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

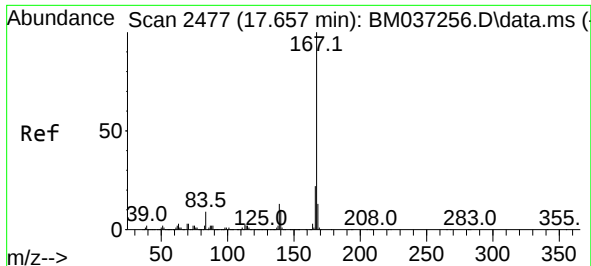


#72
Anthracene
Concen: 45.615 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39



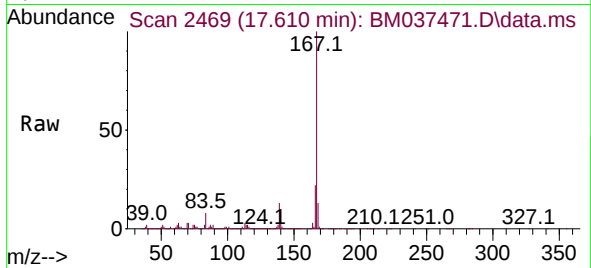
Tgt Ion:178 Resp: 2753659
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.9 12.6 19.0





#73
Carbazole
Concen: 43.393 ng
RT: 17.610 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

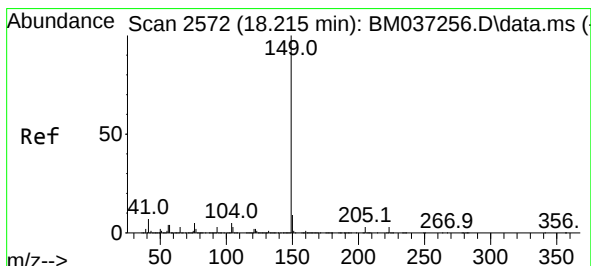
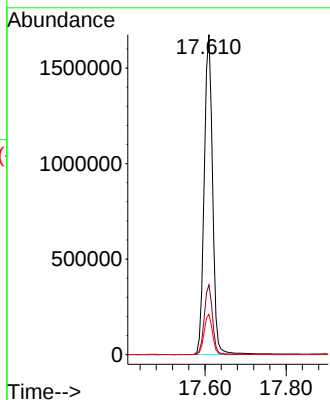
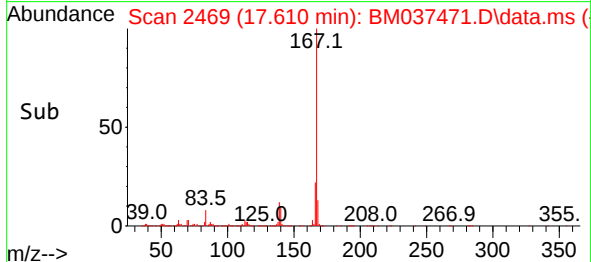
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:167 Resp: 240284
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 12.6 10.4 15.6

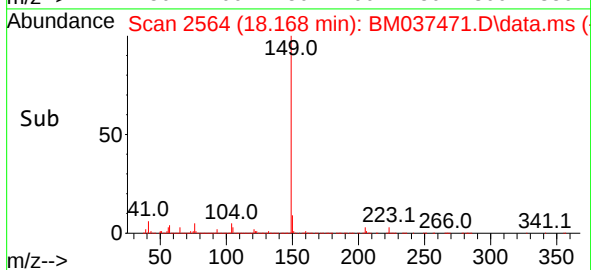
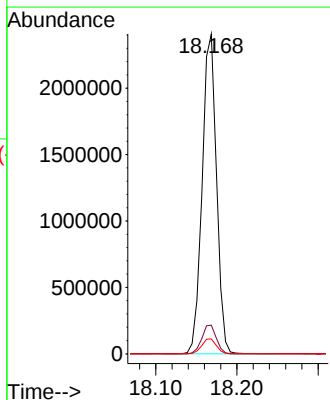
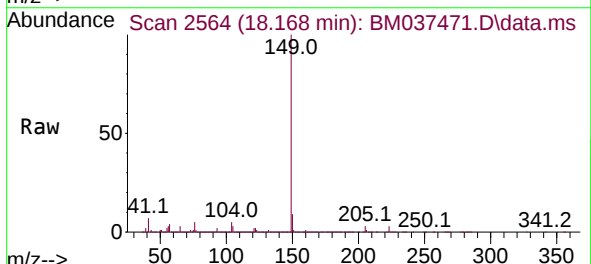
Manual Integrations
APPROVED

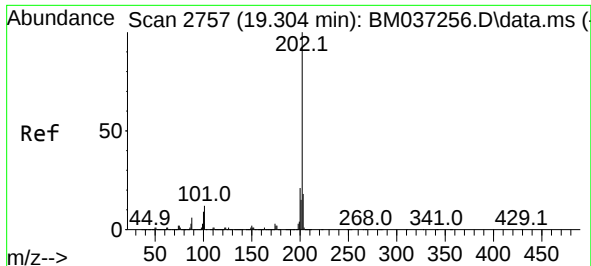
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#74
Di-n-butylphthalate
Concen: 48.446 ng
RT: 18.168 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:149 Resp: 2962148
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.7 4.0 6.0





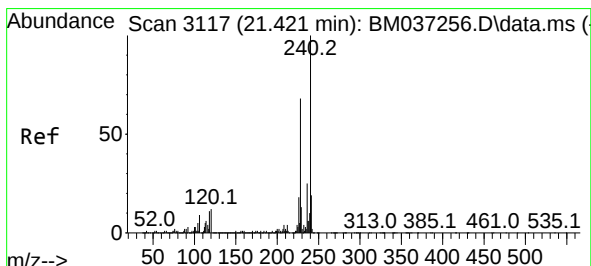
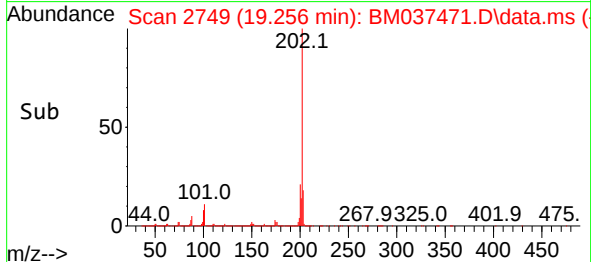
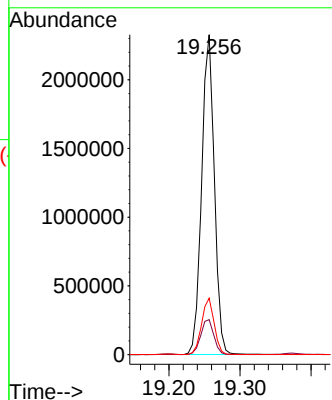
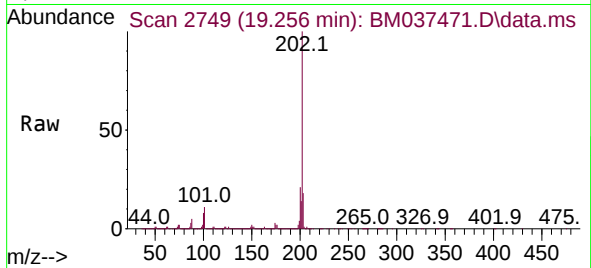
#75
Fluoranthene
Concen: 42.650 ng
RT: 19.256 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Tgt Ion:202 Resp: 2874806
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.4
203 17.6 0.0 37.8

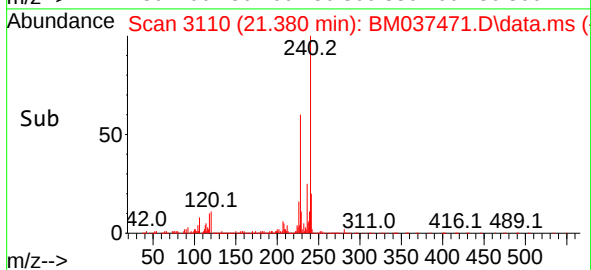
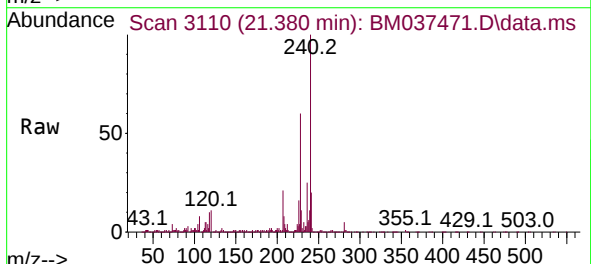
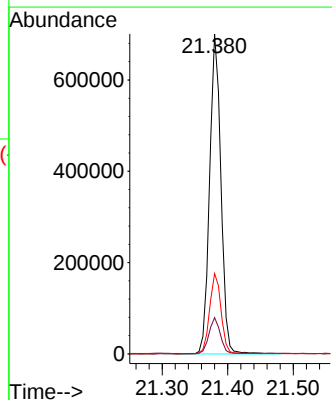
Manual Integrations
APPROVED

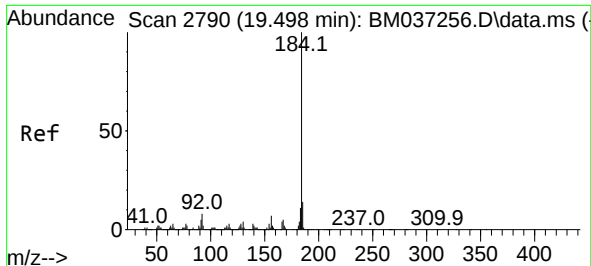
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:240 Resp: 837006
Ion Ratio Lower Upper
240 100
120 11.3 9.9 14.9
236 25.1 20.3 30.5





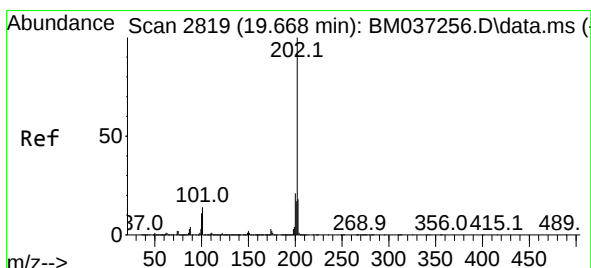
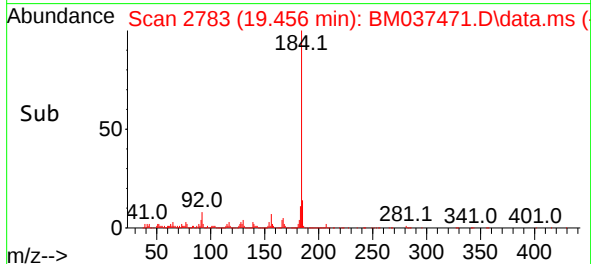
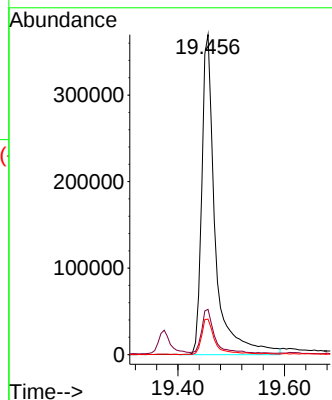
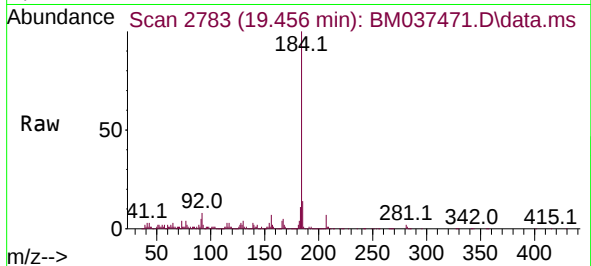
#77
Benzidine
Concen: 52.189 ng
RT: 19.456 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Tgt Ion:184 Resp: 651368
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.1 9.0 13.4

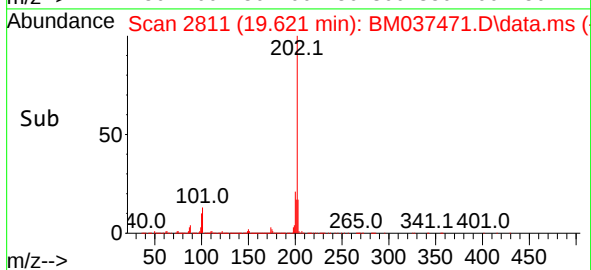
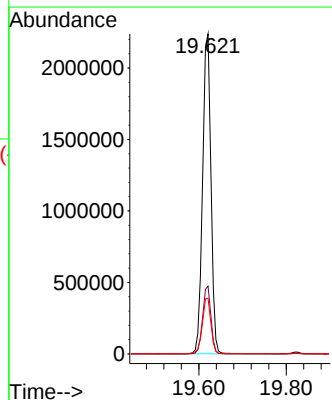
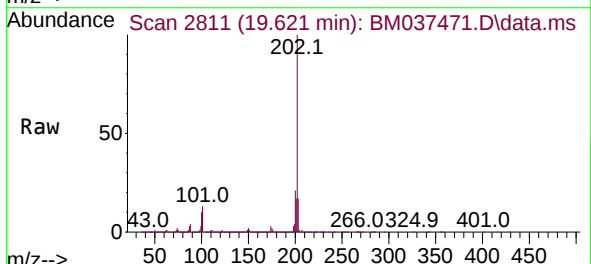
Manual Integrations
APPROVED

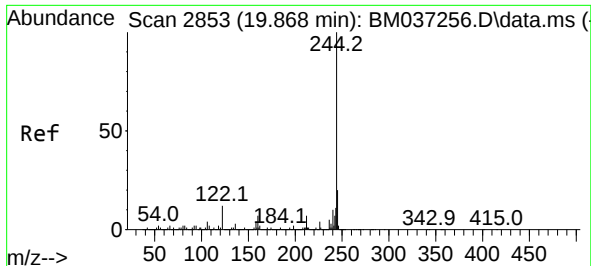
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#78
Pyrene
Concen: 45.891 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

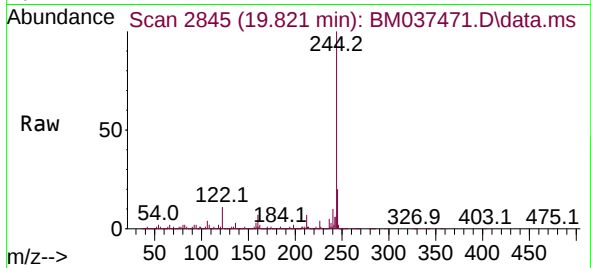
Tgt Ion:202 Resp: 2953692
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.4 14.1 21.1





#79
Terphenyl-d14
Concen: 101.917 ng
RT: 19.821 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

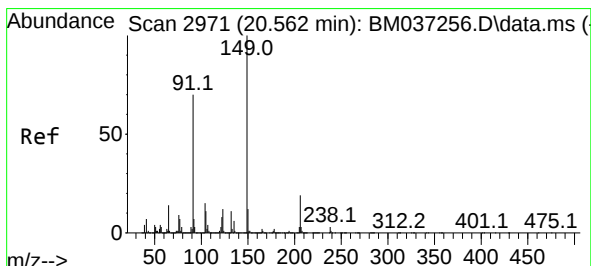
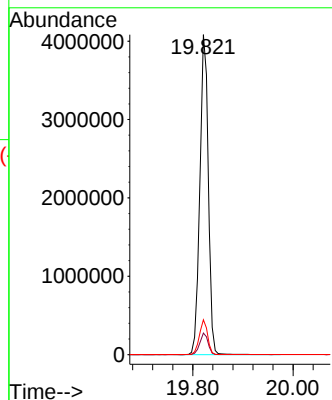
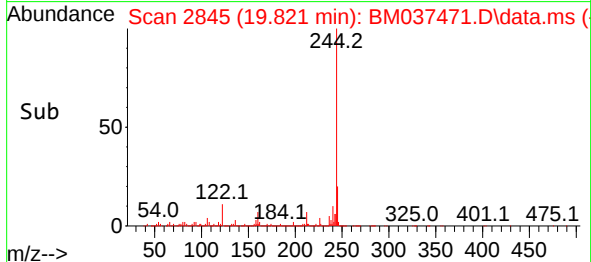
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:244 Resp: 4756943
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.9 9.4 14.2

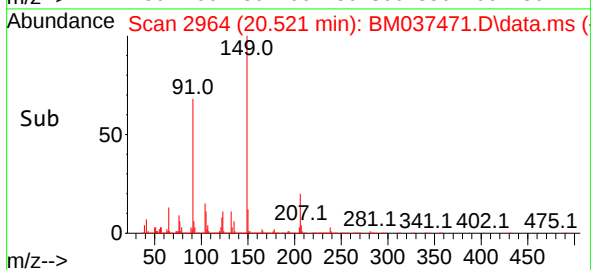
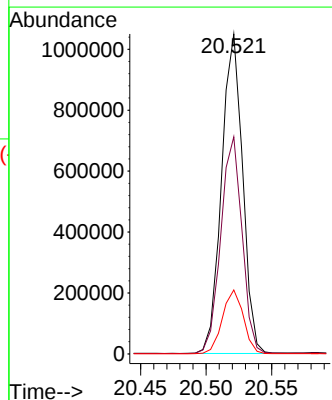
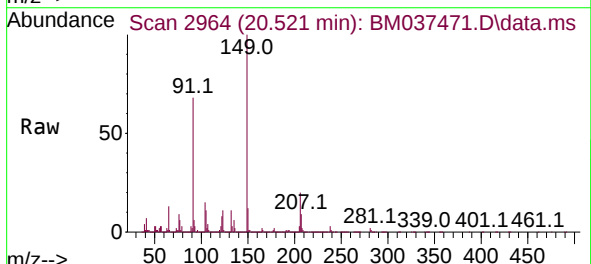
Manual Integrations
APPROVED

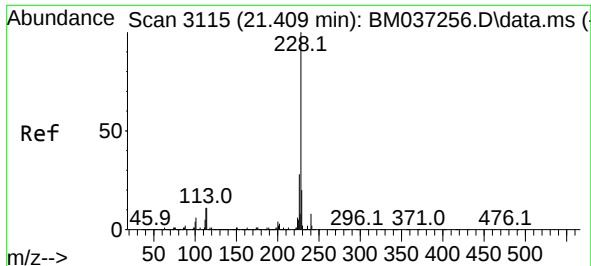
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#80
Butylbenzylphthalate
Concen: 51.083 ng
RT: 20.521 min Scan# 2964
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:149 Resp: 1174169
Ion Ratio Lower Upper
149 100
91 67.8 56.2 84.4
206 20.0 15.4 23.0





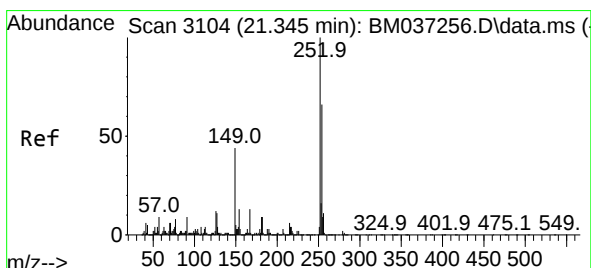
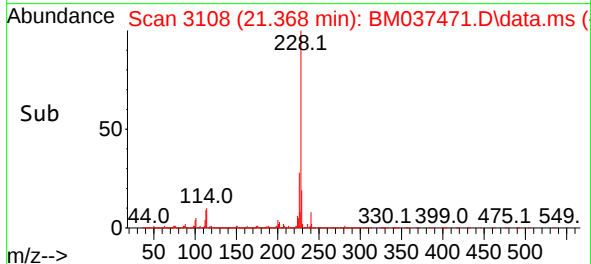
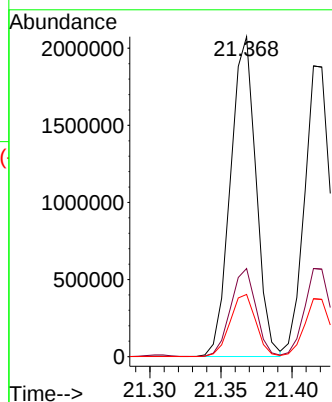
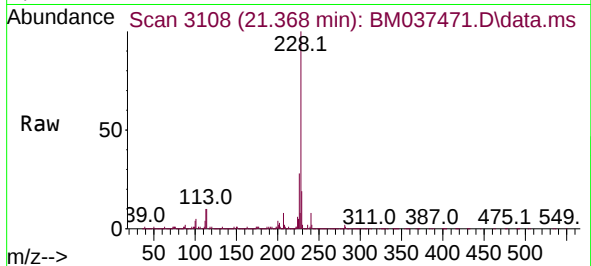
#81
Benzo(a)anthracene
Concen: 43.519 ng
RT: 21.368 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Tgt Ion:228 Resp: 259327
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.4 16.2 24.2

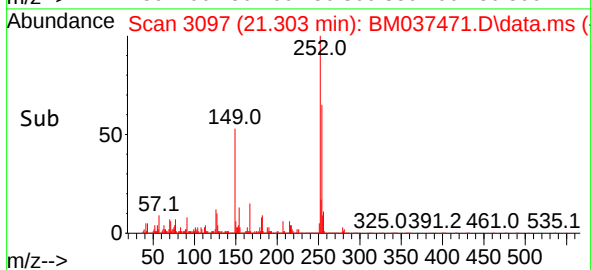
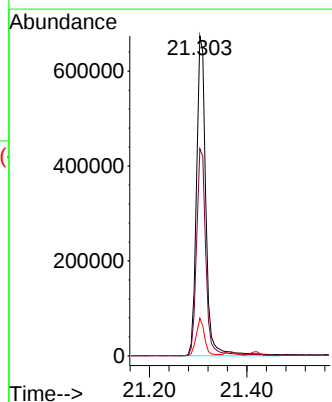
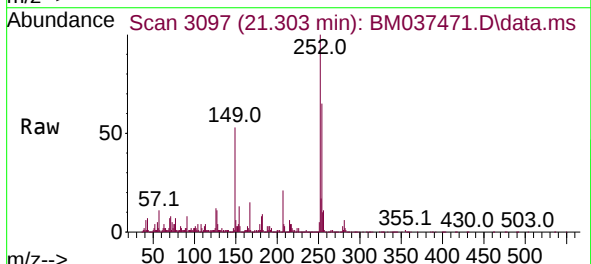
Manual Integrations
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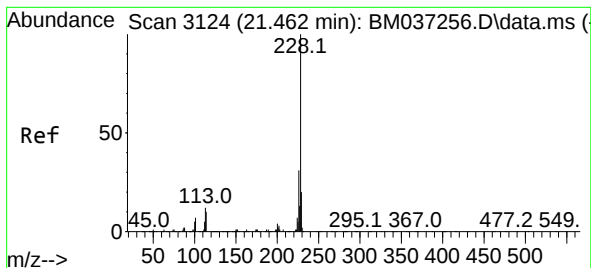
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 51.028 ng
RT: 21.303 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:252 Resp: 893073
Ion Ratio Lower Upper
252 100
254 64.7 52.7 79.1
126 11.8 9.8 14.6





#83

Chrysene

Concen: 42.238 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

Instrument :

BNA_M

ClientSampleId :

PB148855BS

Tgt Ion:228 Resp: 2424886

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

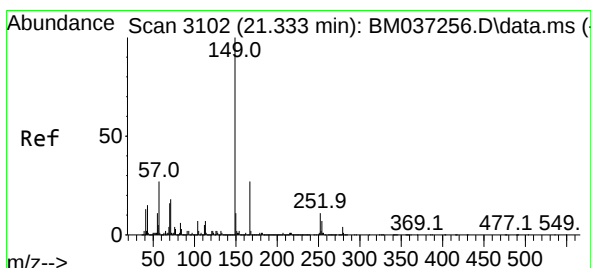
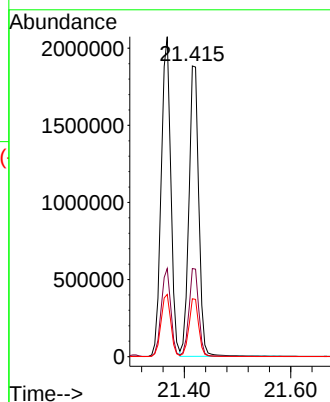
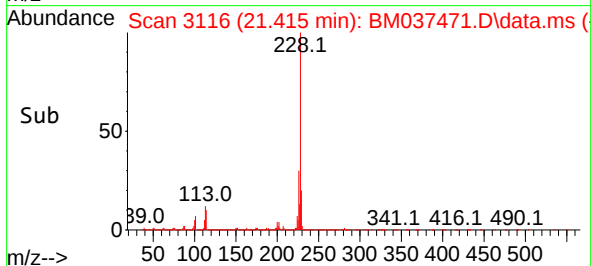
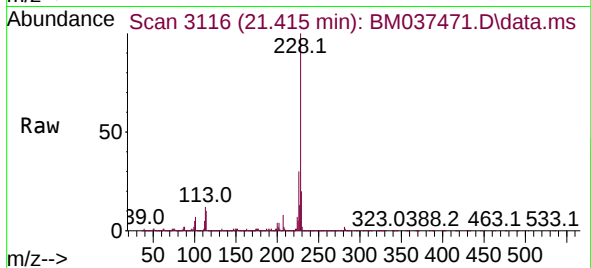
229 19.9 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.594 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

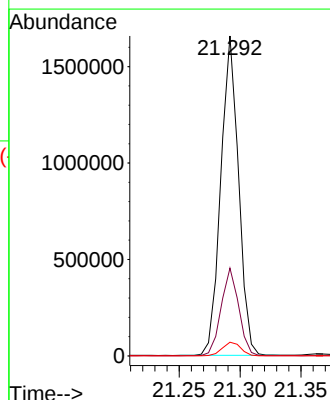
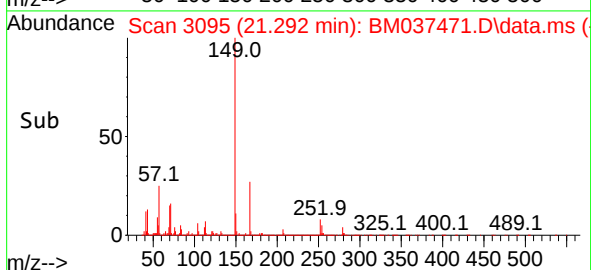
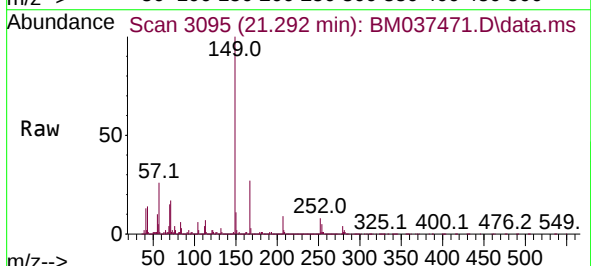
Tgt Ion:149 Resp: 1684232

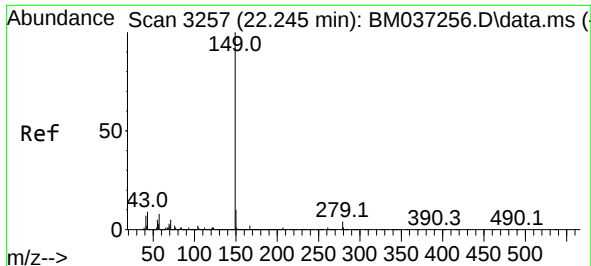
Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

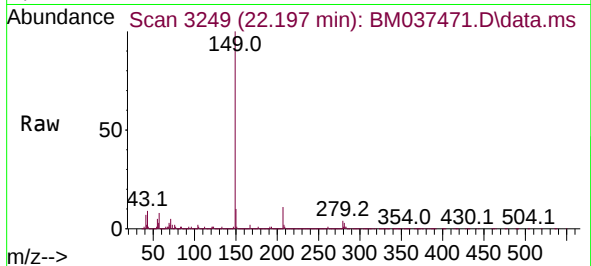
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 53.928 ng
RT: 22.197 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

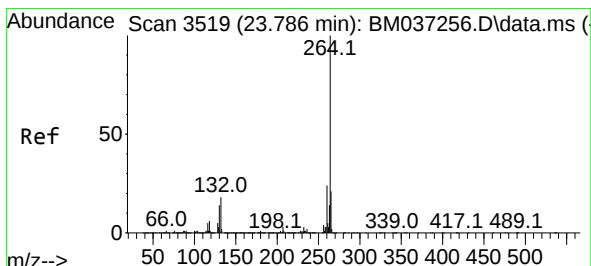
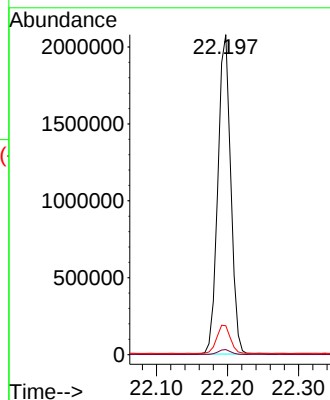
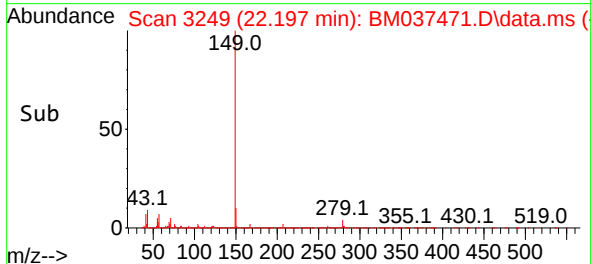
Instrument :
BNA_M
ClientSampleId :
PB148855BS



Tgt Ion:149 Resp: 2620165
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.3 8.0 12.0

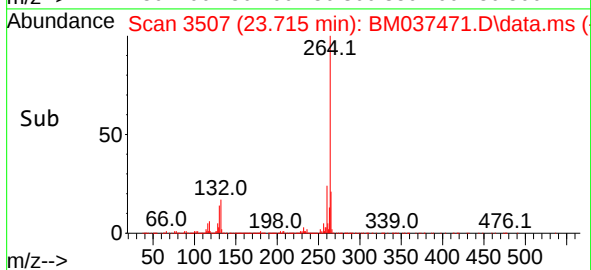
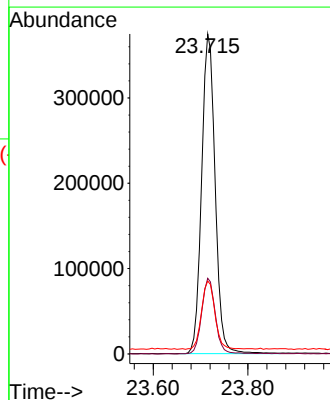
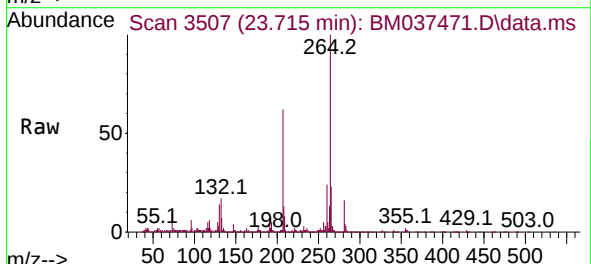
Manual Integrations
APPROVED

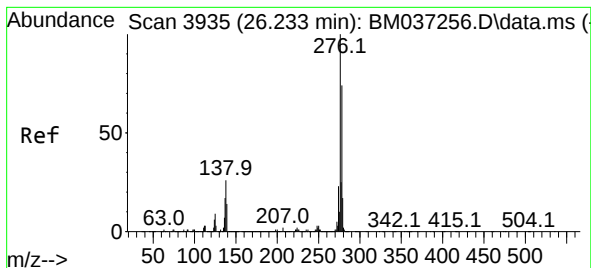
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:264 Resp: 744585
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.122 ng

RT: 26.138 min Scan# 3935

Delta R.T. -0.006 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

Instrument :

BNA_M

ClientSampleId :

PB148855BS

Tgt Ion:276 Resp: 2933748

Ion Ratio Lower Upper

276 100

138 24.7 21.5 32.3

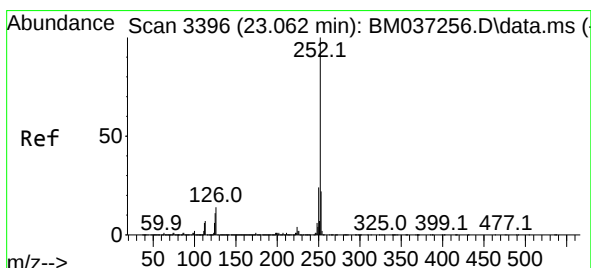
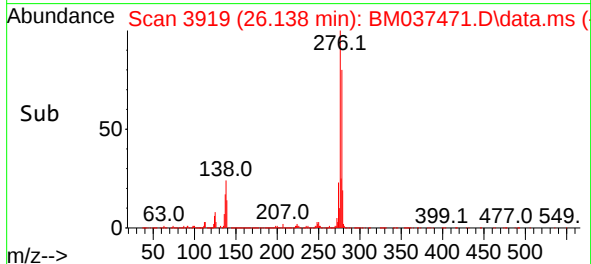
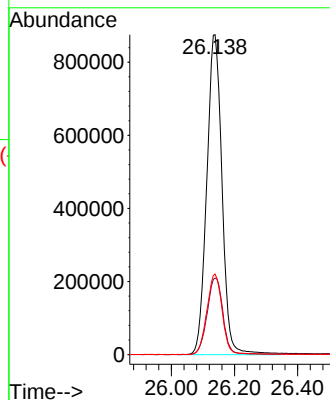
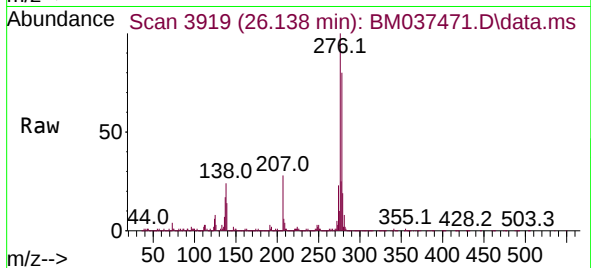
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#88

Benzo(b)fluoranthene

Concen: 48.707 ng

RT: 23.009 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

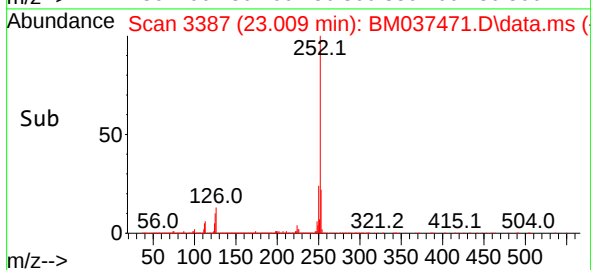
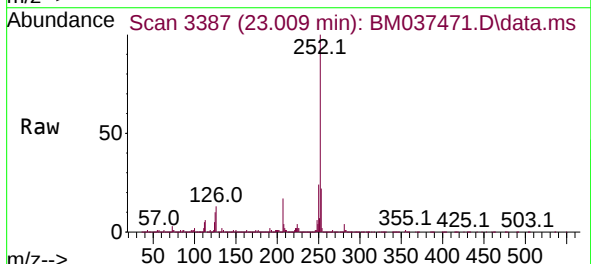
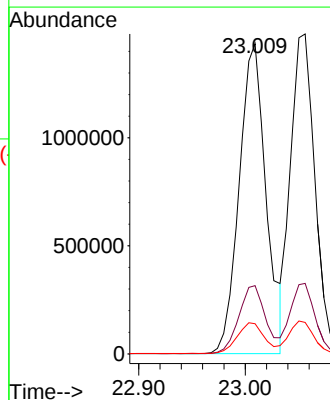
Tgt Ion:252 Resp: 2517837

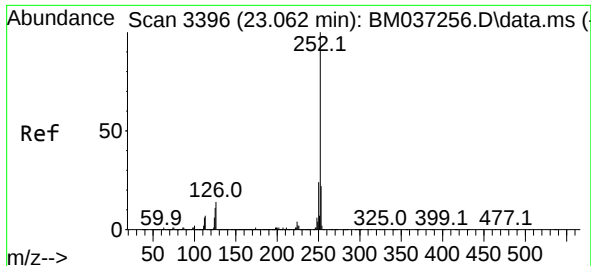
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.7 9.1 13.7





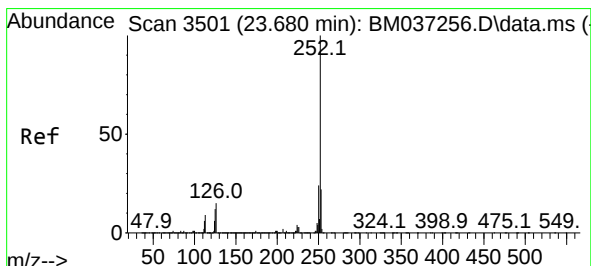
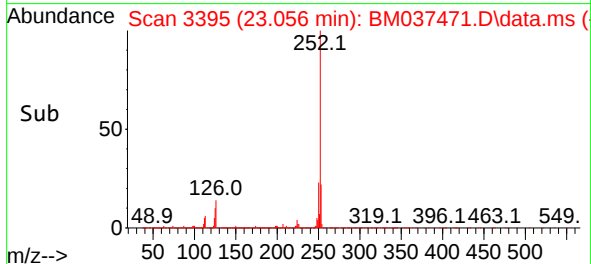
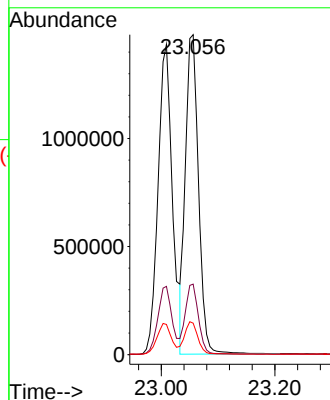
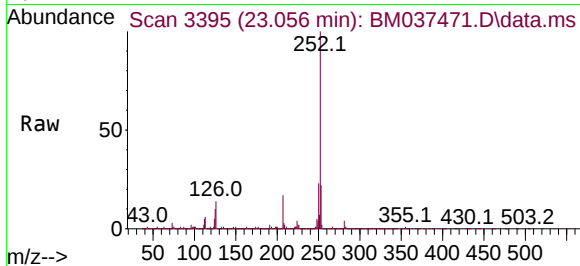
#89
Benzo(k)fluoranthene
Concen: 45.061 ng
RT: 23.056 min Scan# 3396
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Tgt Ion:252 Resp: 2375996
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.9 9.1 13.7

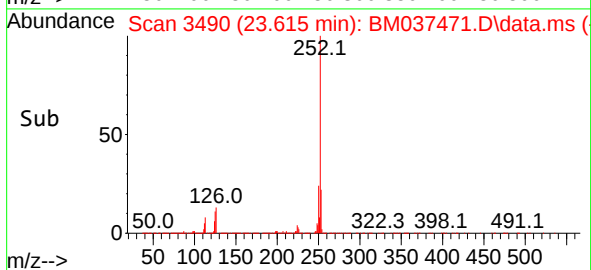
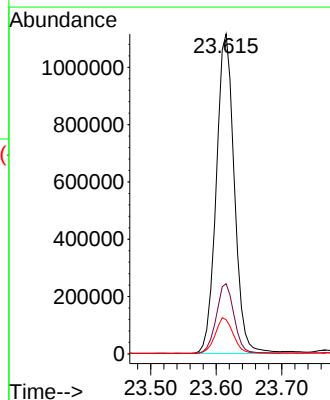
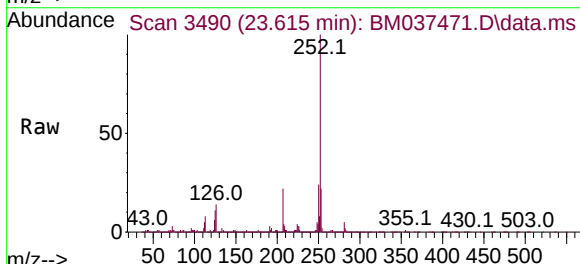
Manual Integrations
APPROVED

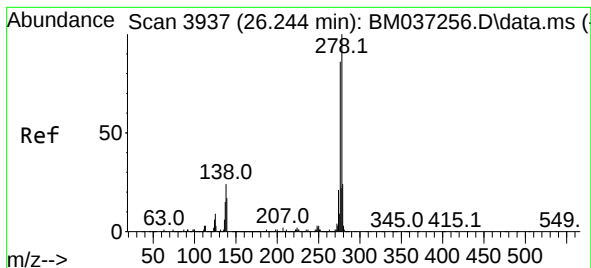
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#90
Benzo(a)pyrene
Concen: 50.685 ng
RT: 23.615 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM037471.D
Acq: 11 Nov 2022 17:39

Tgt Ion:252 Resp: 2134758
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.7 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 50.730 ng

RT: 26.150 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

Instrument :

BNA_M

ClientSampleId :

PB148855BS

Tgt Ion:278 Resp: 2568319

Ion Ratio Lower Upper

278 100

139 15.6 13.8 20.8

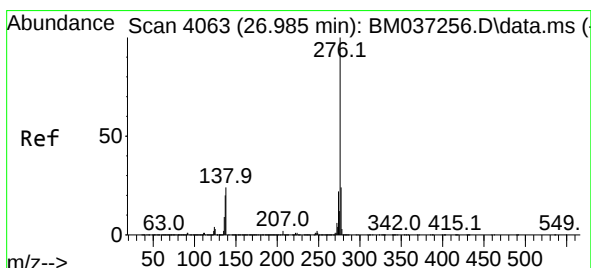
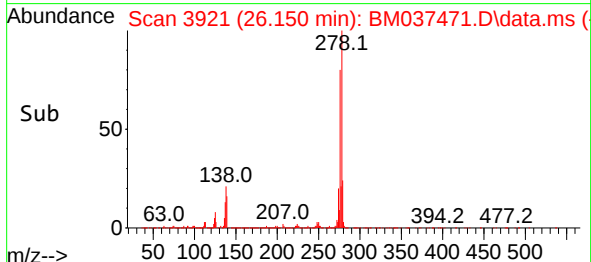
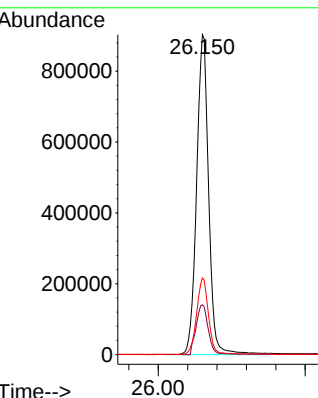
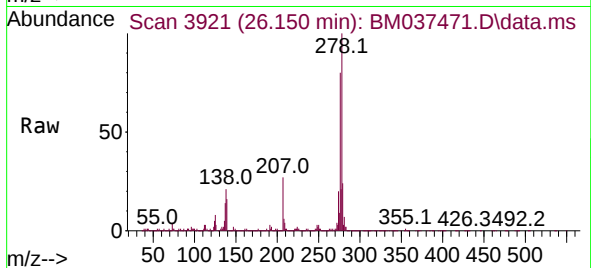
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 52.775 ng

RT: 26.880 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BM037471.D

Acq: 11 Nov 2022 17:39

Tgt Ion:276 Resp: 2600416

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 21.7 18.9 28.3

