

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033537.D
 Acq On : 20 Dec 2021 13:20
 Operator : CG/JU
 Sample : PB141458BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141458BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2021
 Supervised By : Jagrut Upadhyay 12/21/2021

Quant Time: Dec 21 03:58:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 03:57:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	39263	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	161466	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	106483	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	207369	20.000	ng	0.00
76) Chrysene-d12	21.494	240	151473	20.000	ng	0.00
86) Perylene-d12	23.900	264	122577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	280775	123.396	ng	0.00
7) Phenol-d6	7.095	99	350776	114.873	ng	0.00
23) Nitrobenzene-d5	9.095	82	296148	78.753	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	143900	120.135	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	623298	80.972	ng	0.00
79) Terphenyl-d14	19.936	244	804472	83.613	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	24393	27.643	ng	# 92
3) Pyridine	3.790	79	56412	23.273	ng	# 89
4) n-Nitrosodimethylamine	3.696	42	71251	41.326	ng	# 79
6) Aniline	7.254	93	117206	33.608	ng	95
8) 2-Chlorophenol	7.489	128	103158	41.821	ng	97
10) Phenol	7.125	94	131134	42.508	ng	83
11) bis(2-Chloroethyl)ether	7.348	93	99850	41.078	ng	99
12) 1,3-Dichlorobenzene	7.807	146	120290	40.140	ng	94
13) 1,4-Dichlorobenzene	7.960	146	122614	39.870	ng	99
14) 1,2-Dichlorobenzene	8.272	146	117828	39.056	ng	97
15) Benzyl Alcohol	8.172	79	118237m	42.960	ng	
16) 2,2'-oxybis(1-Chloropr...	8.454	45	176677	40.878	ng	99
17) 2-Methylphenol	8.372	107	92238	42.073	ng	93
18) Hexachloroethane	9.001	117	52684	41.114	ng	87
19) n-Nitroso-di-n-propyla...	8.742	70	95590	39.707	ng	91
20) 3+4-Methylphenols	8.707	107	120872	41.331	ng	89
22) Acetophenone	8.760	105	173484	39.685	ng	# 91
24) Nitrobenzene	9.136	77	154364	41.791	ng	96
25) Isophorone	9.666	82	241713	39.701	ng	# 98
26) 2-Nitrophenol	9.848	139	59600	46.195	ng	# 86
27) 2,4-Dimethylphenol	9.913	122	100577	47.435	ng	95
28) bis(2-Chloroethoxy)met...	10.148	93	138585	41.441	ng	98
29) 2,4-Dichlorophenol	10.383	162	104427	43.180	ng	97
30) 1,2,4-Trichlorobenzene	10.595	180	124294	40.533	ng	99
31) Naphthalene	10.783	128	349031	39.904	ng	99
32) Benzoic acid	10.078	122	67156	45.574	ng	96
33) 4-Chloroaniline	10.907	127	50385	17.806	ng	95
34) Hexachlorobutadiene	11.060	225	86998	40.691	ng	97
35) Caprolactam	11.719	113	28087m	58.789	ng	
36) 4-Chloro-3-methylphenol	12.030	107	123903	39.916	ng	95
37) 2-Methylnaphthalene	12.395	142	256304	42.360	ng	# 96
38) 1-Methylnaphthalene	12.613	142	236773m	39.232	ng	
40) 1,2,4,5-Tetrachloroben...	12.760	216	135609	44.209	ng	# 97
41) Hexachlorocyclopentadiene	12.736	237	202529	152.676	ng	99
43) 2,4,6-Trichlorophenol	13.007	196	89800	43.780	ng	94
44) 2,4,5-Trichlorophenol	13.083	196	95607	43.677	ng	97

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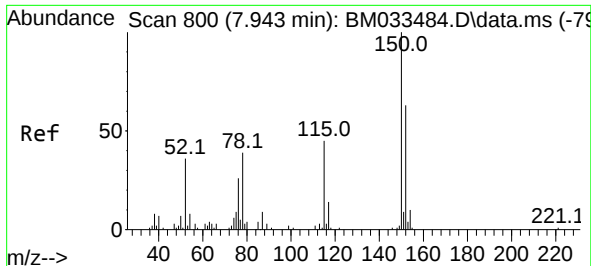
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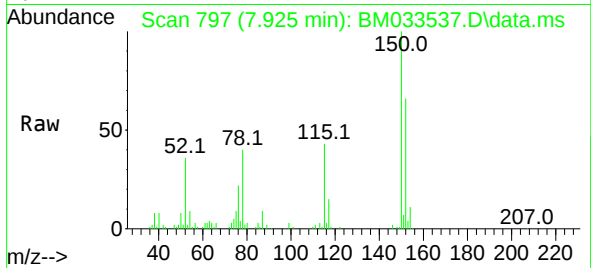
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.407	154	329258	41.758	ng	98
47) 2-Chloronaphthalene	13.448	162	254477	41.751	ng	97
48) 2-Nitroaniline	13.660	65	94741	45.625	ng	92
49) Acenaphthylene	14.295	152	402503	41.682	ng	99
50) Dimethylphthalate	14.036	163	324094	40.182	ng	98
51) 2,6-Dinitrotoluene	14.160	165	67564	44.324	ng	86
52) Acenaphthene	14.636	154	238834	40.724	ng	98
53) 3-Nitroaniline	14.489	138	41911	29.316	ng	98
54) 2,4-Dinitrophenol	14.695	184	84027	102.463	ng	# 78
55) Dibenzofuran	14.971	168	394024	39.645	ng	94
56) 4-Nitrophenol	14.807	139	100586	87.779	ng	# 81
57) 2,4-Dinitrotoluene	14.942	165	92710	44.473	ng	# 93
58) Fluorene	15.618	166	318614	39.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.195	232	83278	41.816	ng	96
60) Diethylphthalate	15.395	149	348424	40.172	ng	99
61) 4-Chlorophenyl-phenyle...	15.612	204	165602	39.991	ng	92
62) 4-Nitroaniline	15.654	138	58845	39.979	ng	# 67
63) Azobenzene	15.907	77	386570	39.729	ng	95
65) 4,6-Dinitro-2-methylph...	15.701	198	52565	49.845	ng	95
66) n-Nitrosodiphenylamine	15.830	169	268179	43.563	ng	96
67) 4-Bromophenyl-phenylether	16.507	248	97445	43.068	ng	# 88
68) Hexachlorobenzene	16.618	284	106474	43.825	ng	97
69) Atrazine	16.783	200	96397	73.856	ng	97
70) Pentachlorophenol	16.965	266	132199	96.936	ng	98
71) Phenanthrene	17.359	178	475250	41.178	ng	99
72) Anthracene	17.454	178	478395	42.399	ng	98
73) Carbazole	17.730	167	404123	40.567	ng	99
74) Di-n-butylphthalate	18.283	149	584309	42.192	ng	# 98
75) Fluoranthene	19.371	202	508530	38.303	ng	96
77) Benzidine	19.565	184	117500	165.904	ng	99
78) Pyrene	19.736	202	512578	42.889	ng	98
80) Butylbenzylphthalate	20.630	149	228183	42.661	ng	95
81) Benzo(a)anthracene	21.483	228	422116	41.578	ng	99
82) 3,3'-Dichlorobenzidine	21.418	252	126209	31.707	ng	97
83) Chrysene	21.536	228	409262	41.868	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	330016	42.095	ng	98
85) Di-n-octyl phthalate	22.330	149	520630	40.853	ng	100
87) Indeno(1,2,3-cd)pyrene	26.400	276	372206	65.861	ng	# 93
88) Benzo(b)fluoranthene	23.165	252	383609	48.804	ng	# 98
89) Benzo(k)fluoranthene	23.218	252	352342	44.317	ng	# 97
90) Benzo(a)pyrene	23.794	252	346274	58.870	ng	# 97
91) Dibenzo(a,h)anthracene	26.412	278	324226	76.489	ng	97
92) Benzo(g,h,i)perylene	27.171	276	326370	59.874	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 79
Delta R.T. 0.006 min
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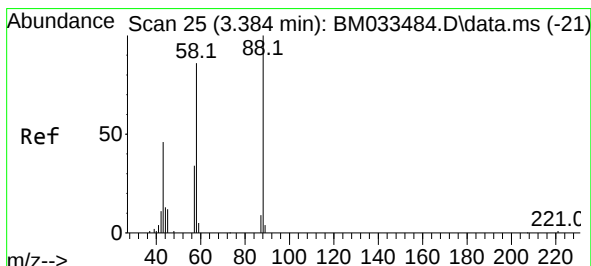
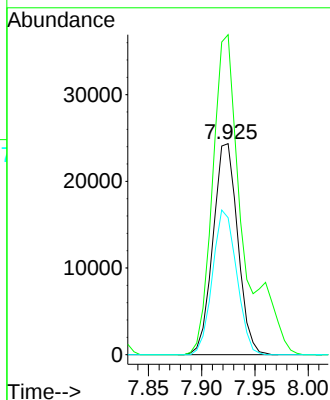
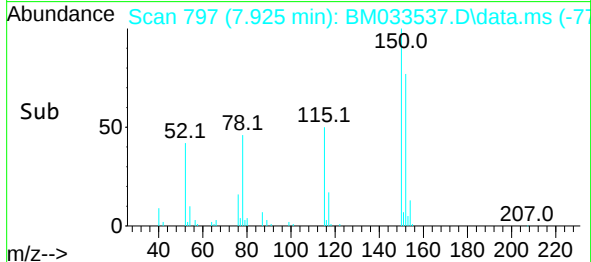
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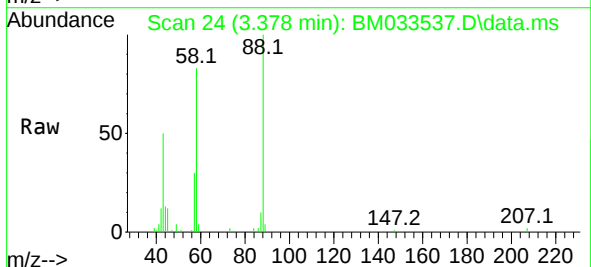
Tgt Ion:152 Resp: 3926
Ion Ratio Lower Upper
152 100
150 151.6 128.9 193.3
115 64.9 53.0 79.6

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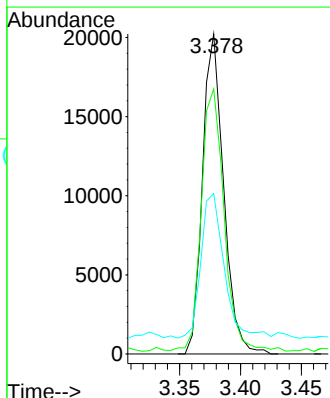
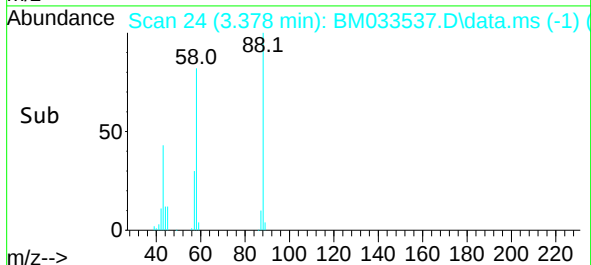
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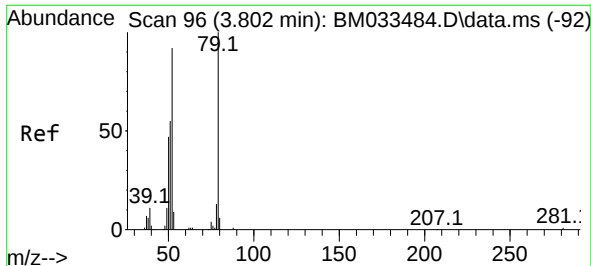


#2
1,4-Dioxane
Concen: 27.643 ng
RT: 3.378 min Scan# 24
Delta R.T. 0.011 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



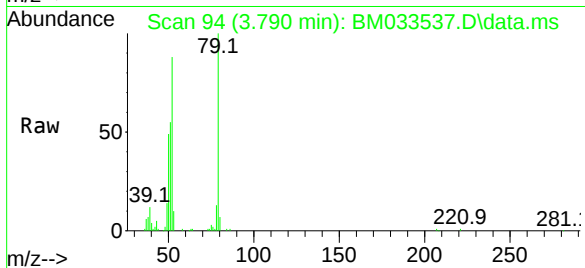
Tgt Ion: 88 Resp: 24393
Ion Ratio Lower Upper
88 100
58 87.6 67.0 100.4
43 49.3 31.6 47.4#





#3
Pyridine
Concen: 23.273 ng
RT: 3.790 min Scan# 94
Delta R.T. 0.011 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

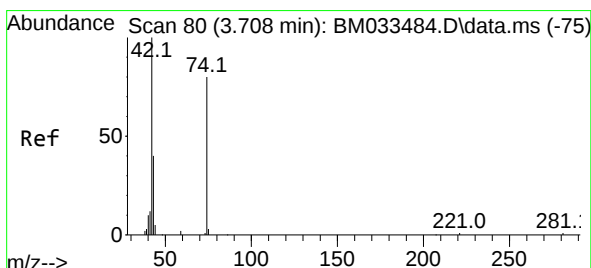
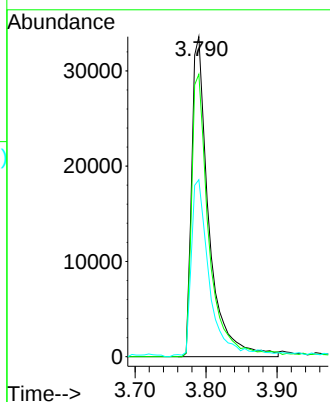
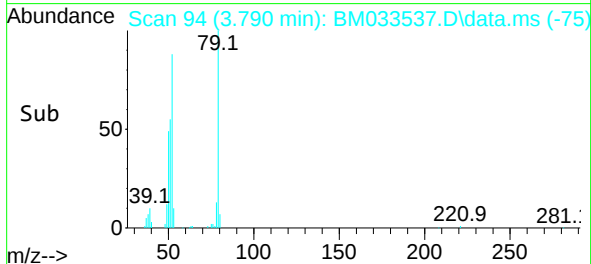
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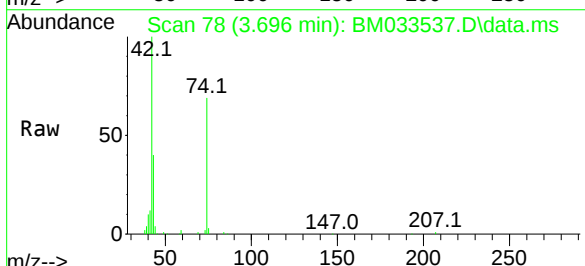
Tgt Ion: 79 Resp: 5641
Ion Ratio Lower Upper
79 100
52 88.3 65.4 98.2
51 55.3 34.8 52.2

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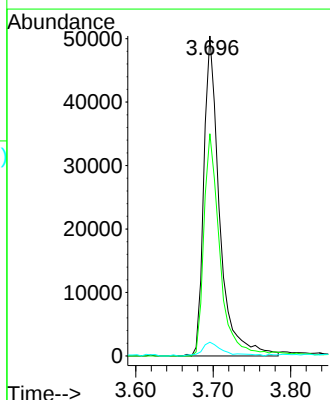
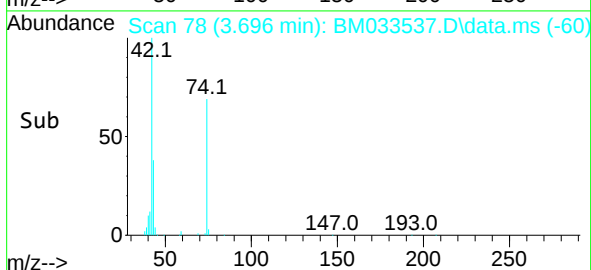
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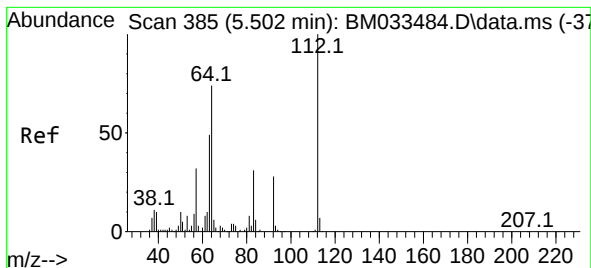


#4
n-Nitrosodimethylamine
Concen: 41.326 ng
RT: 3.696 min Scan# 78
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



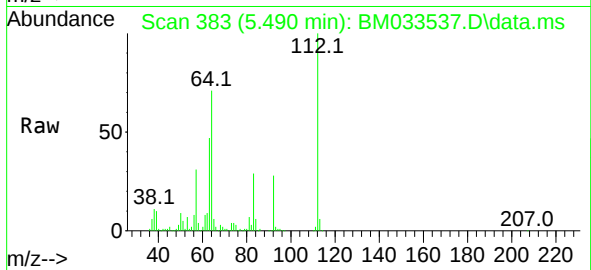
Tgt Ion: 42 Resp: 71251
Ion Ratio Lower Upper
42 100
74 69.5 72.5 108.7#
44 4.3 5.4 8.2#





#5
2-Fluorophenol
Concen: 123.396 ng
RT: 5.490 min Scan# 385
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

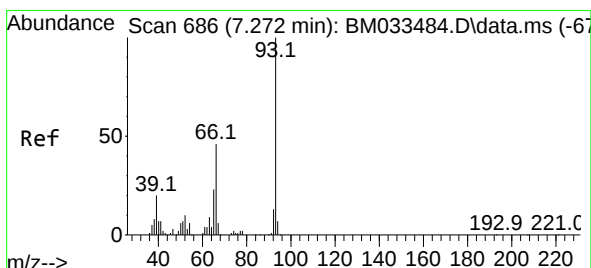
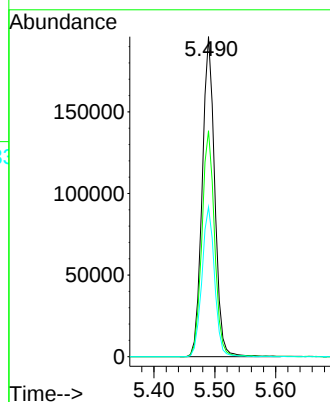
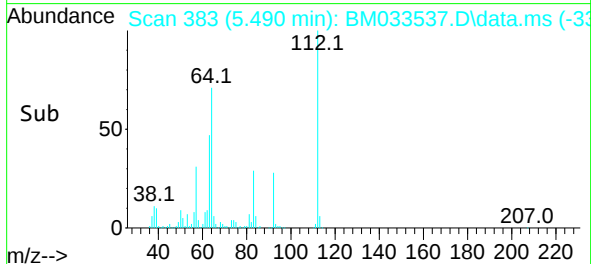
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Tgt Ion: 112 Resp: 28077
Ion Ratio Lower Upper
112 100
64 70.6 55.5 83.3
63 46.8 31.3 46.9

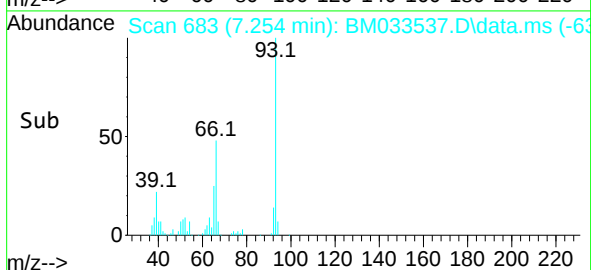
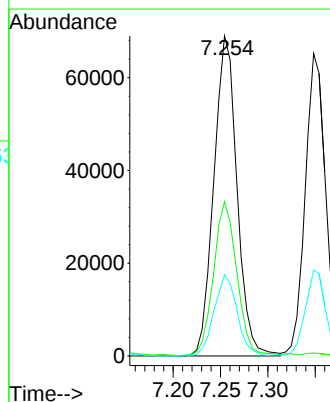
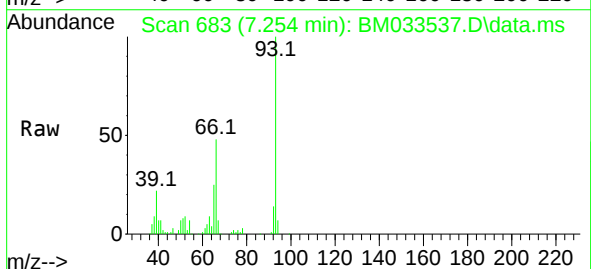
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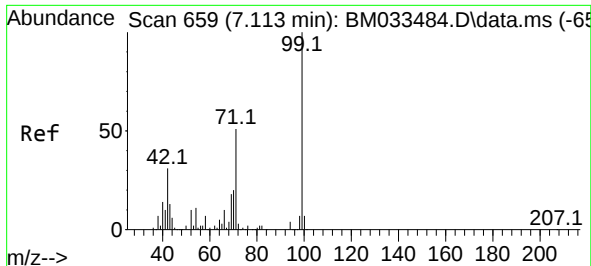
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#6
Aniline
Concen: 33.608 ng
RT: 7.254 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

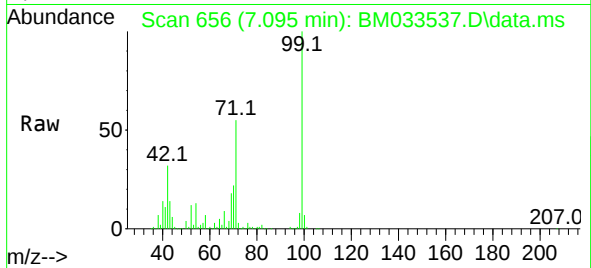
Tgt Ion: 93 Resp: 117206
Ion Ratio Lower Upper
93 100
66 48.2 36.0 54.0
65 25.4 18.2 27.4





#7
Phenol-d6
Concen: 114.873 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

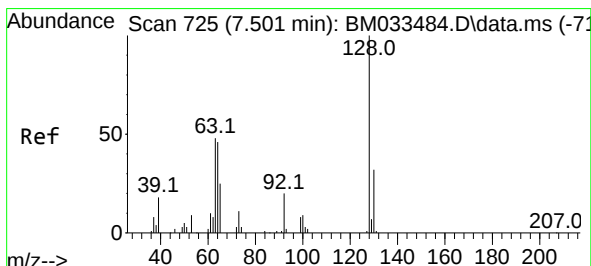
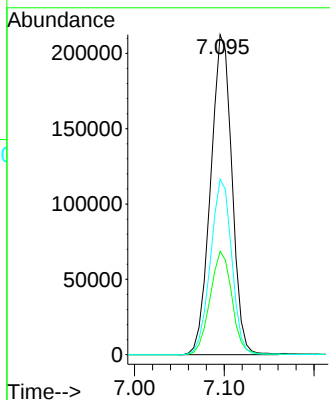
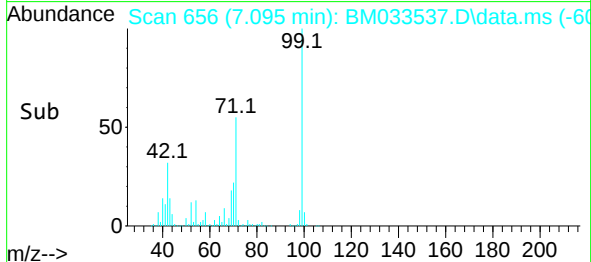
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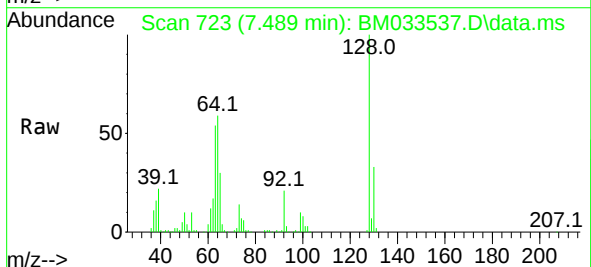
Tgt Ion: 99 Resp: 350770
Ion Ratio Lower Upper
99 100
42 32.3 20.3 30.5
71 54.8 34.5 51.7

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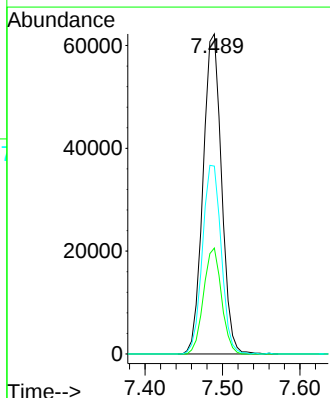
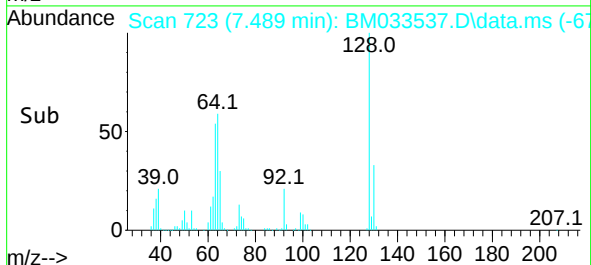
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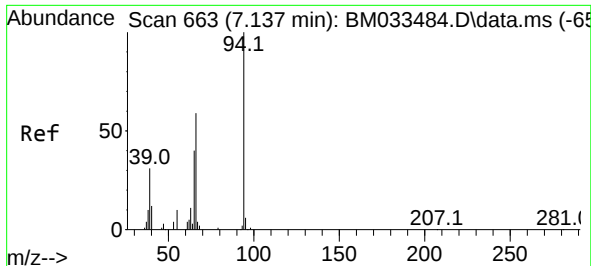


#8
2-Chlorophenol
Concen: 41.821 ng
RT: 7.489 min Scan# 723
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



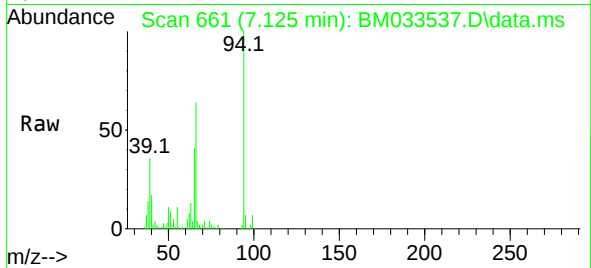
Tgt Ion:128 Resp: 103158
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 58.7 40.6 80.6





#10
Phenol
Concen: 42.508 ng
RT: 7.125 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

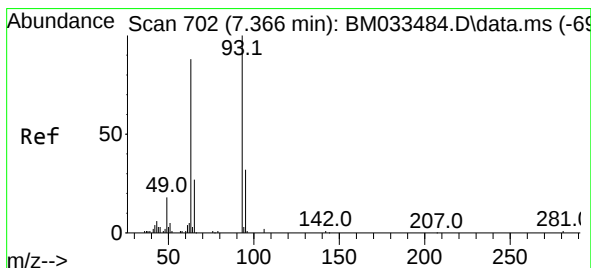
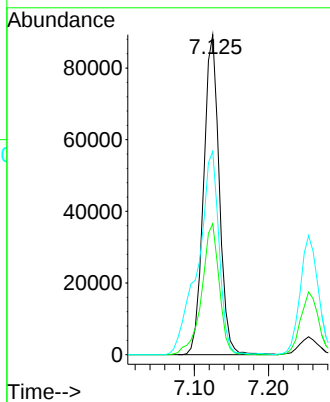
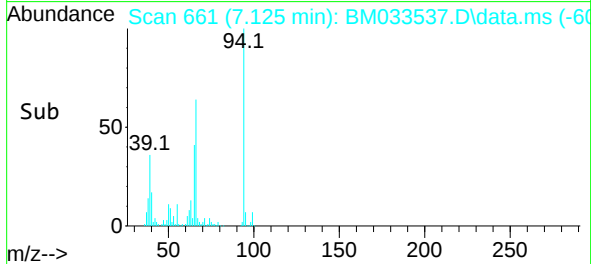
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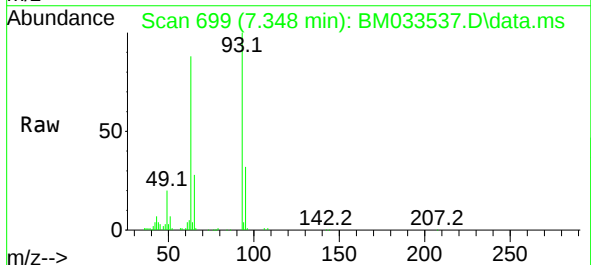
Tgt Ion: 94 Resp: 131134
Ion Ratio Lower Upper
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65 41.0 15.5 55.5
66 63.5 28.5 68.5

Manual Integrations
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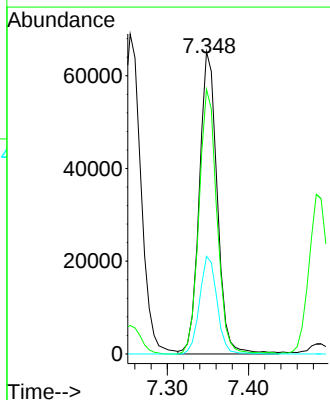
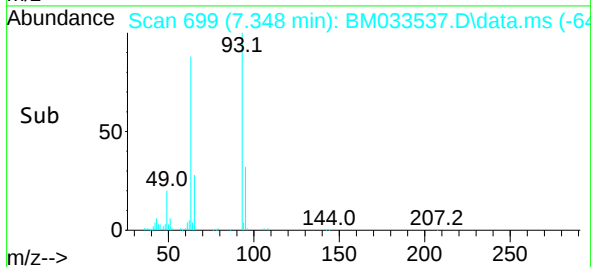
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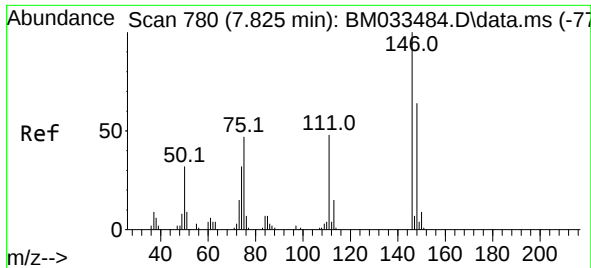


#11
bis(2-Chloroethyl)ether
Concen: 41.078 ng
RT: 7.348 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion: 93 Resp: 99850
Ion Ratio Lower Upper
93 100
63 87.5 67.0 107.0
95 32.3 11.6 51.6





#12

1,3-Dichlorobenzene

Concen: 40.140 ng

RT: 7.807 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

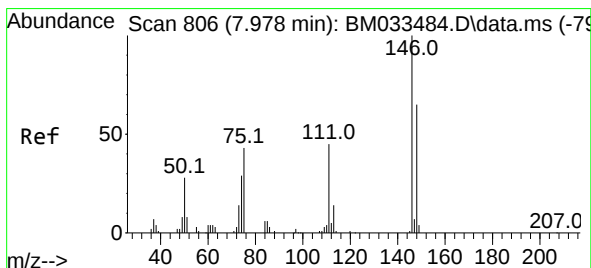
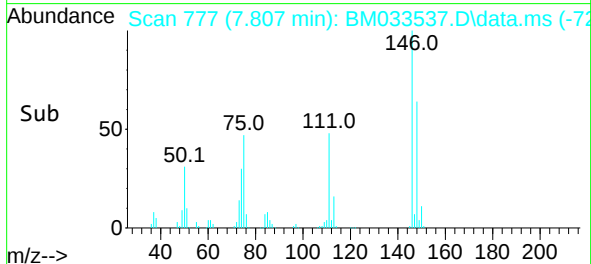
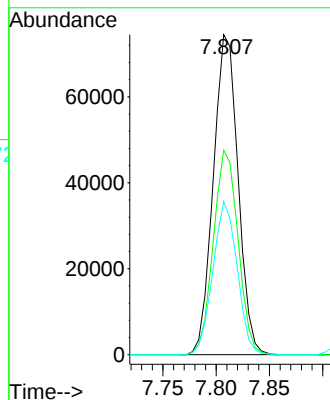
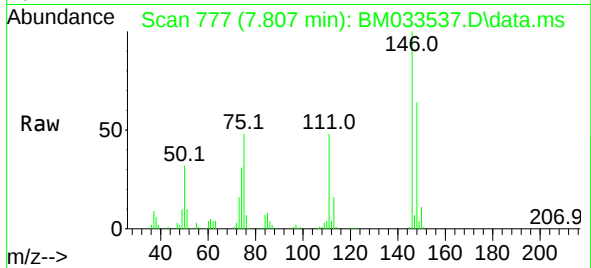
PB141458BS

Tgt Ion:146 Resp: 120290
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.1 78.1
 75 47.8 32.0 48.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2021
 Supervised By :Jagrut Upadhyay 12/21/2021



#13

1,4-Dichlorobenzene

Concen: 39.870 ng

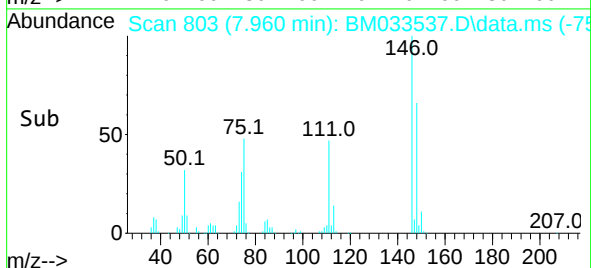
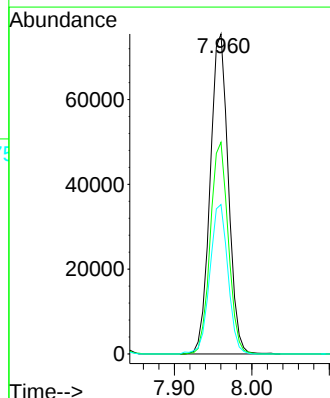
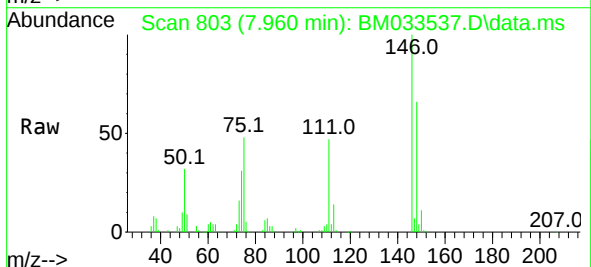
RT: 7.960 min Scan# 803

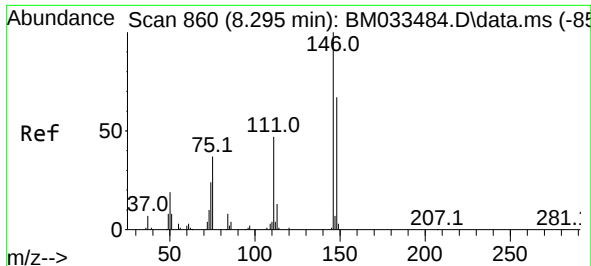
Delta R.T. 0.006 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Tgt Ion:146 Resp: 122614
 Ion Ratio Lower Upper
 146 100
 148 66.1 53.4 80.0
 111 46.7 36.6 55.0





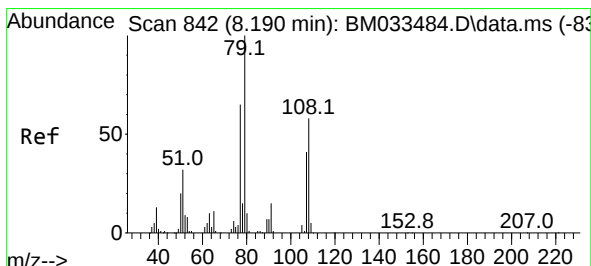
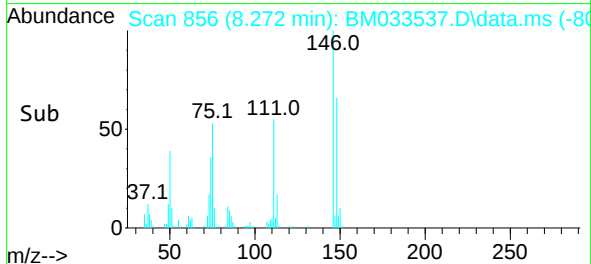
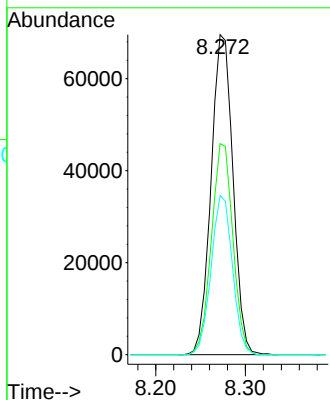
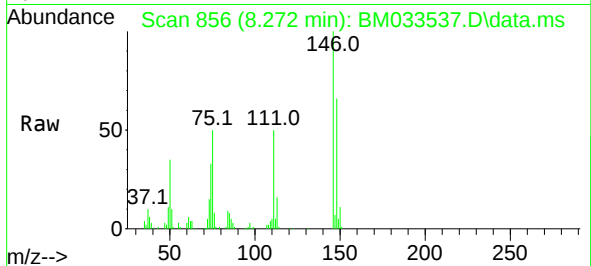
#14
1,2-Dichlorobenzene
Concen: 39.056 ng
RT: 8.272 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :
BNA_M
ClientSampleId :
PB141458BS

Tgt Ion:146 Resp: 117828
Ion Ratio Lower Upper
146 100
148 65.9 50.9 76.3
111 49.8 37.8 56.8

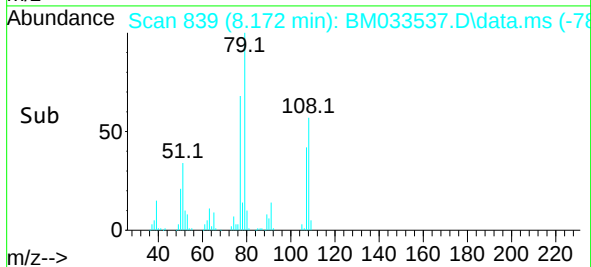
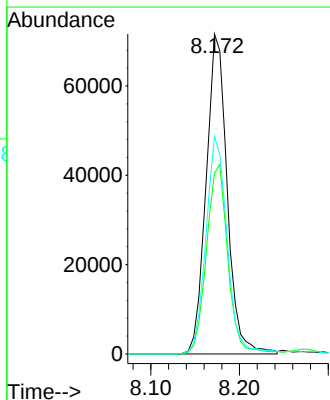
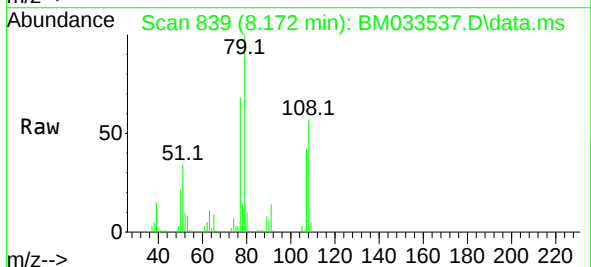
Manual Integrations
APPROVED

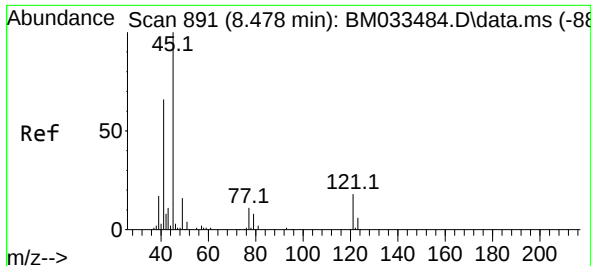
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#15
Benzyl Alcohol
Concen: 42.960 ng m
RT: 8.172 min Scan# 839
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

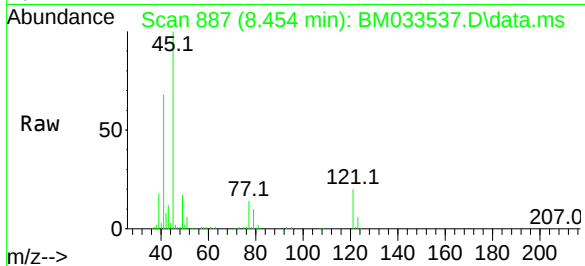
Tgt Ion: 79 Resp: 118237
Ion Ratio Lower Upper
79 100
108 56.5 51.1 76.7
77 67.9 53.8 80.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.878 ng
RT: 8.454 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

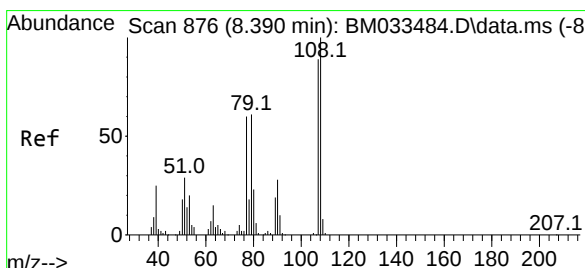
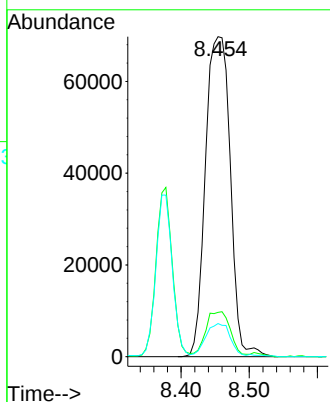
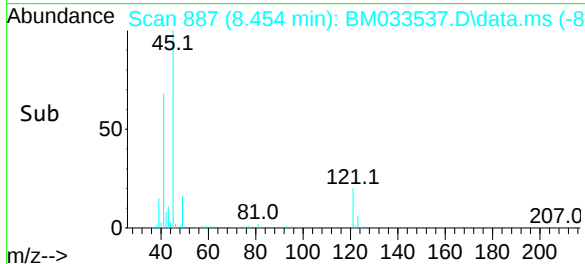
Instrument :
BNA_M
ClientSampleId :
PB141458BS



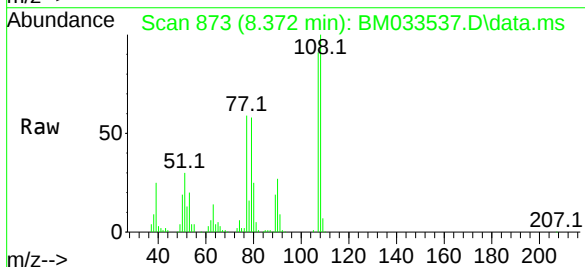
Tgt Ion: 45 Resp: 17667
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.7
79 10.4 0.0 30.0

Manual Integrations
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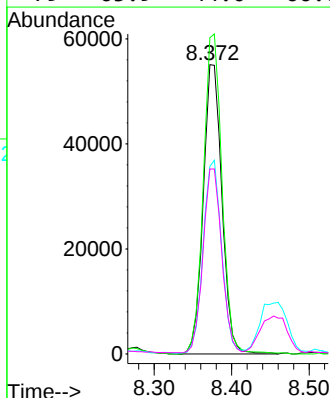
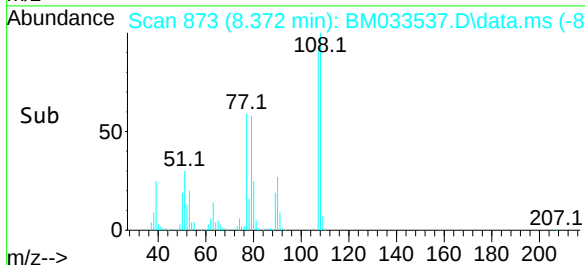
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

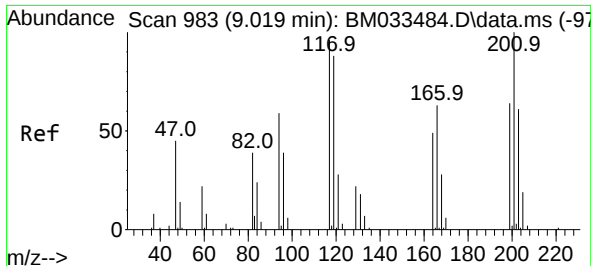


#17
2-Methylphenol
Concen: 42.073 ng
RT: 8.372 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



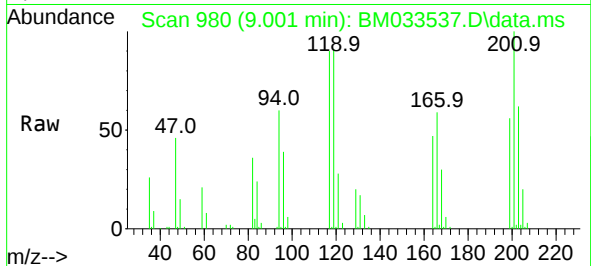
Tgt Ion:107 Resp: 92238
Ion Ratio Lower Upper
107 100
108 109.3 89.2 133.8
77 64.8 46.0 69.0
79 63.9 44.0 66.0





#18
Hexachloroethane
Concen: 41.114 ng
RT: 9.001 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

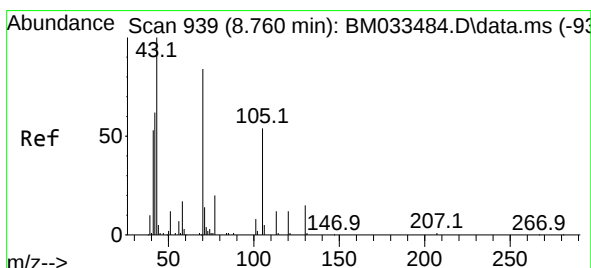
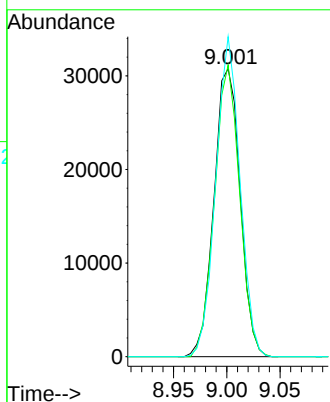
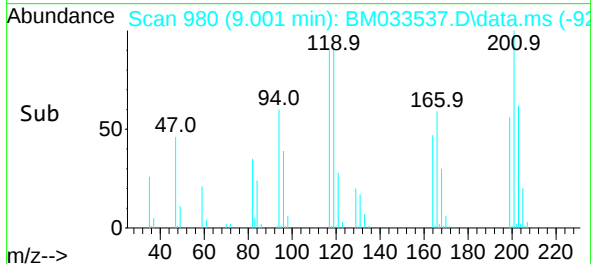
Instrument :
BNA_M
ClientSampleId :
PB141458BS



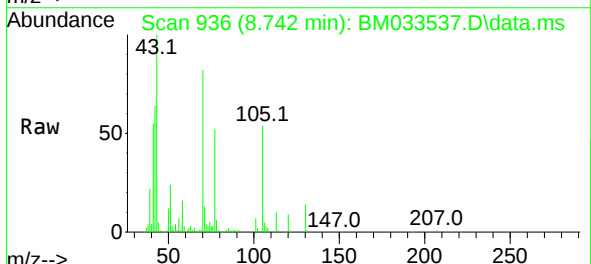
Tgt Ion:117 Resp: 52684
Ion Ratio Lower Upper
117 100
119 101.2 75.0 112.6
201 111.1 75.2 112.8

Manual Integrations
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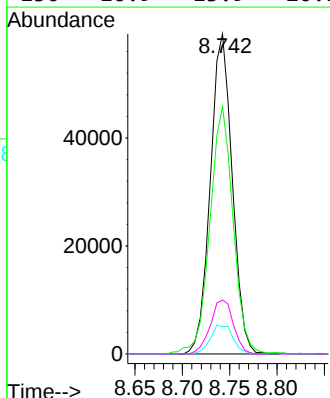
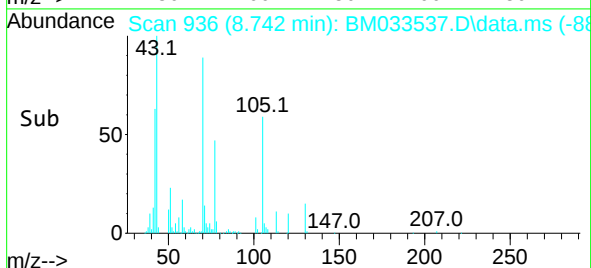
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

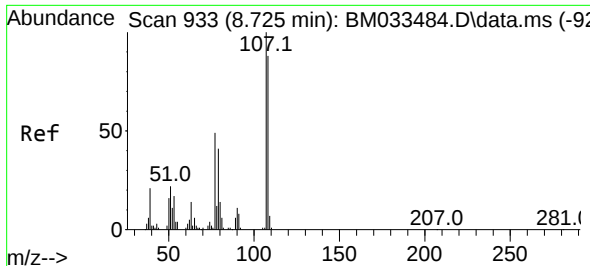


#19
n-Nitroso-di-n-propylamine
Concen: 39.707 ng
RT: 8.742 min Scan# 936
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



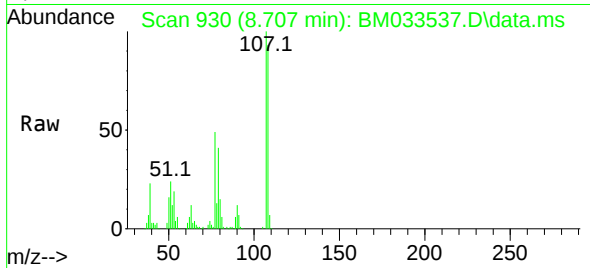
Tgt Ion: 70 Resp: 95590
Ion Ratio Lower Upper
70 100
42 77.3 54.1 81.1
101 8.4 7.8 11.6
130 16.9 13.9 20.9





#20
3+4-Methylphenols
Concen: 41.331 ng
RT: 8.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

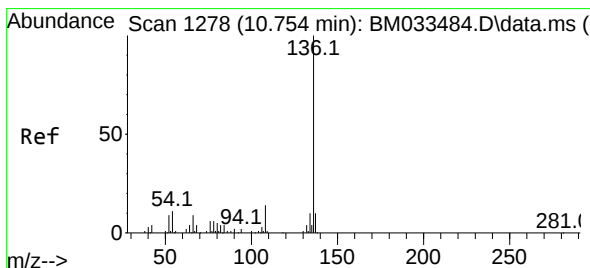
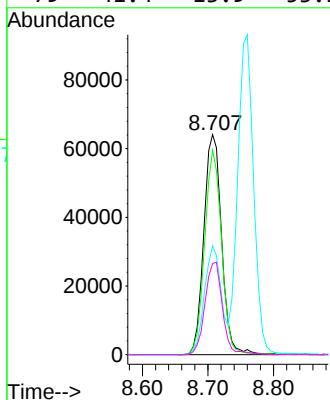
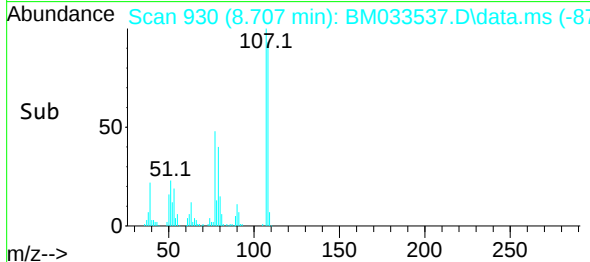
Instrument :
BNA_M
ClientSampleId :
PB141458BS



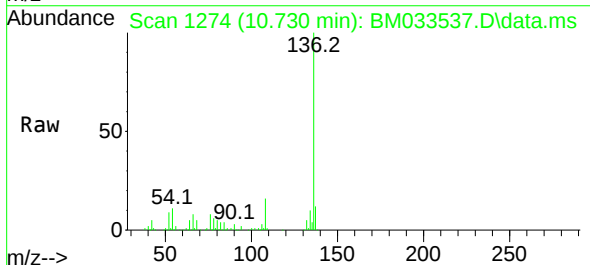
Tgt Ion:	107	Resp:	120872
Ion	Ratio	Lower	Upper
107	100		
108	92.8	64.2	104.2
77	49.3	22.7	62.7
79	41.4	13.9	53.9

Manual Integrations
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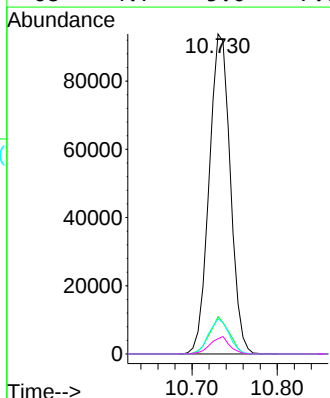
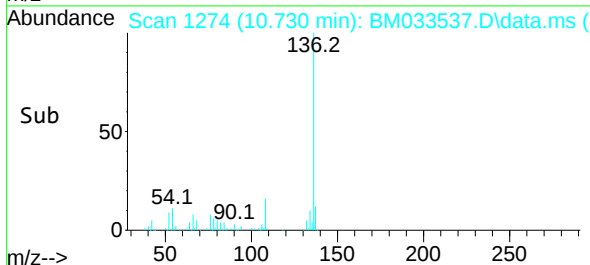
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

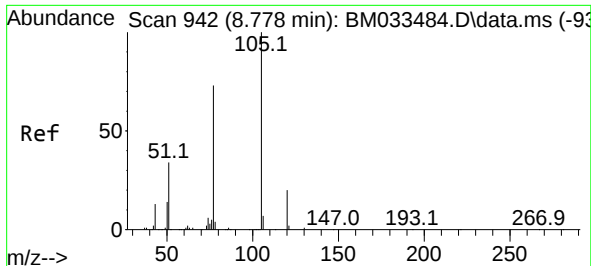


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



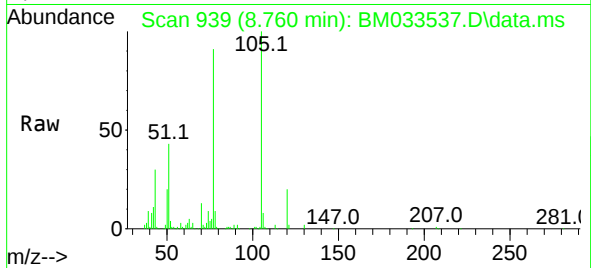
Tgt Ion:	136	Resp:	161466
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	11.0	8.3	12.5
68	4.7	5.0	7.6





#22
Acetophenone
Concen: 39.685 ng
RT: 8.760 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

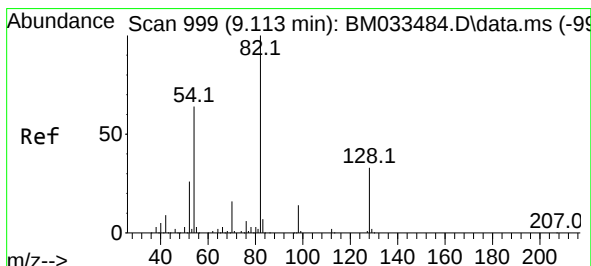
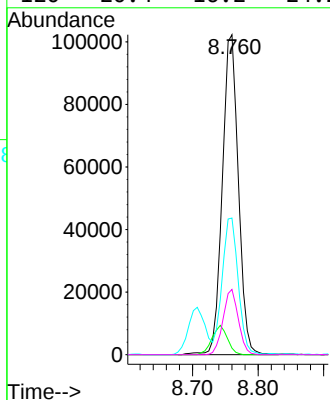
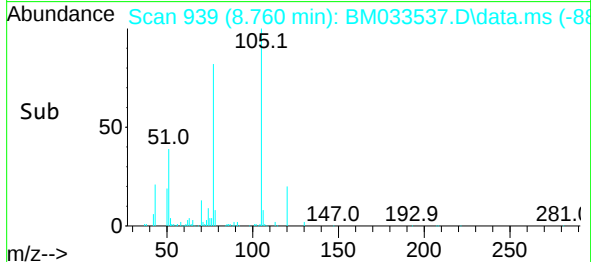
Instrument :
BNA_M
ClientSampleId :
PB141458BS



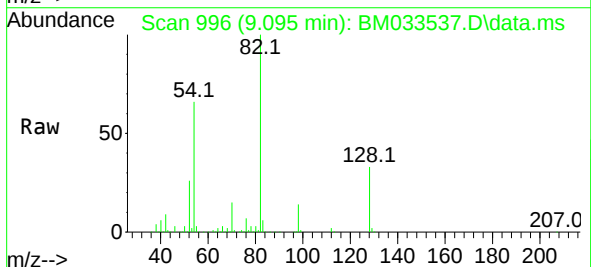
Tgt Ion:105 Resp: 173484
Ion Ratio Lower Upper
105 100
71 2.1 1.6 2.4
51 42.7 27.7 41.5
120 20.4 16.2 24.2

Manual Integrations
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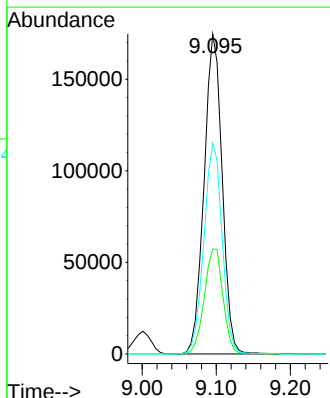
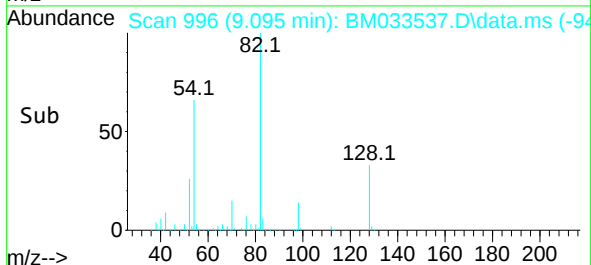
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

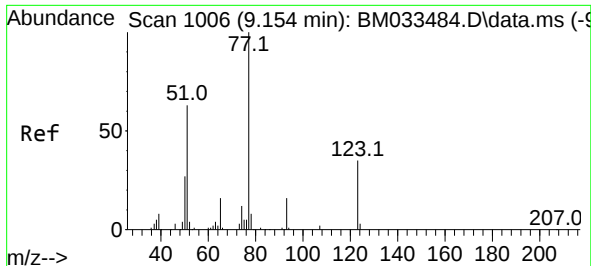


#23
Nitrobenzene-d5
Concen: 78.753 ng
RT: 9.095 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



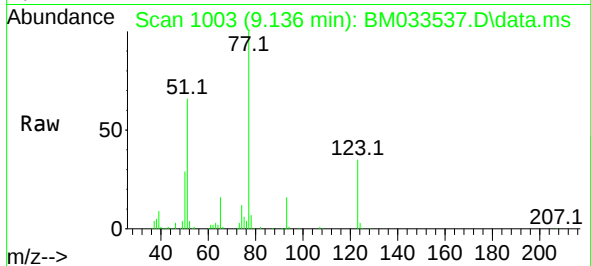
Tgt Ion: 82 Resp: 296148
Ion Ratio Lower Upper
82 100
128 32.8 28.1 42.1
54 65.9 46.1 69.1





#24
Nitrobenzene
Concen: 41.791 ng
RT: 9.136 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

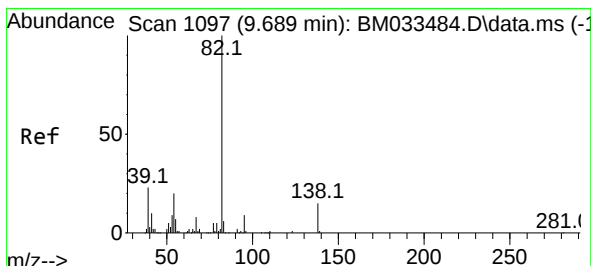
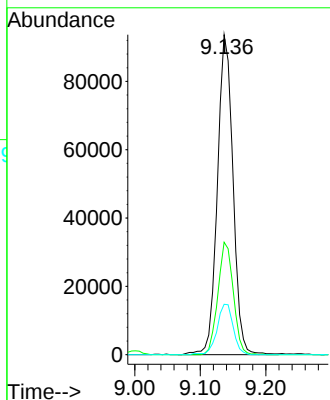
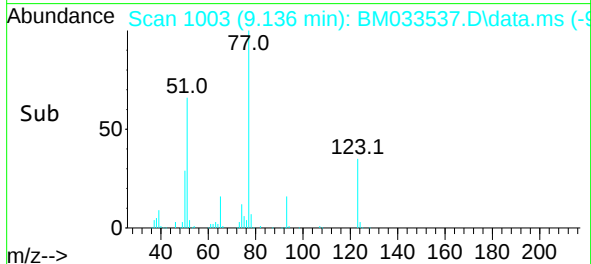
Instrument :
BNA_M
ClientSampleId :
PB141458BS



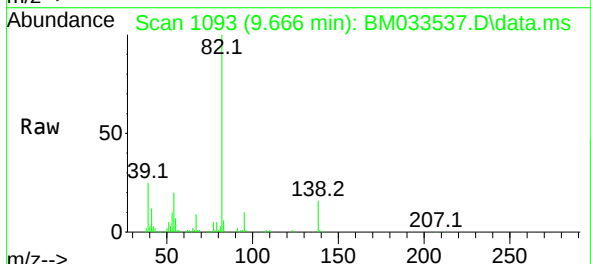
Tgt Ion: 77 Resp: 154364
Ion Ratio Lower Upper
77 100
123 35.2 29.8 44.8
65 15.8 11.5 17.3

Manual Integrations
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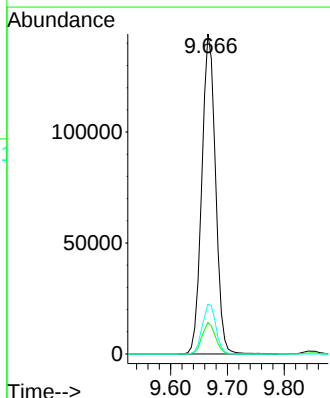
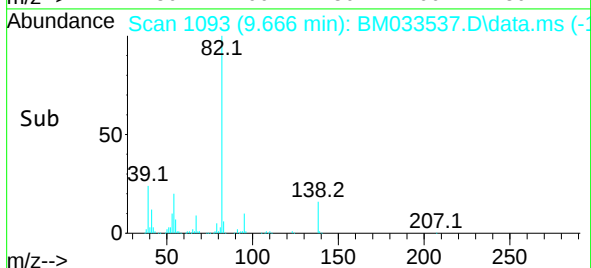
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

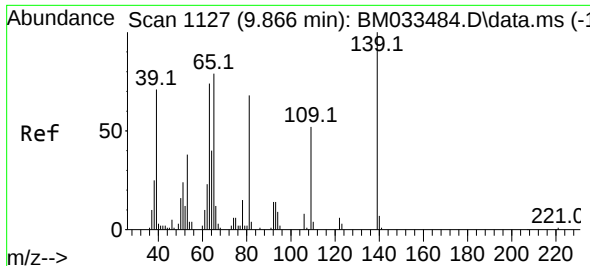


#25
Isophorone
Concen: 39.701 ng
RT: 9.666 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



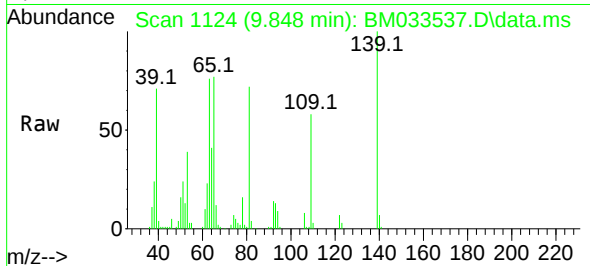
Tgt Ion: 82 Resp: 241713
Ion Ratio Lower Upper
82 100
95 9.8 6.4 9.6#
138 15.5 12.4 18.6





#26
2-Nitrophenol
Concen: 46.195 ng
RT: 9.848 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

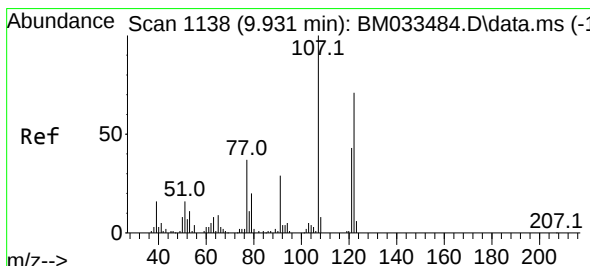
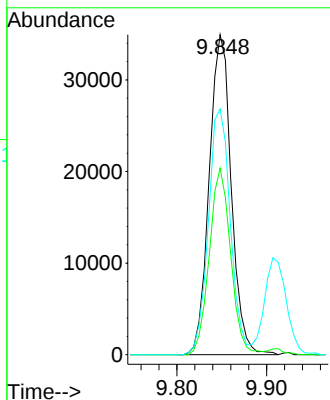
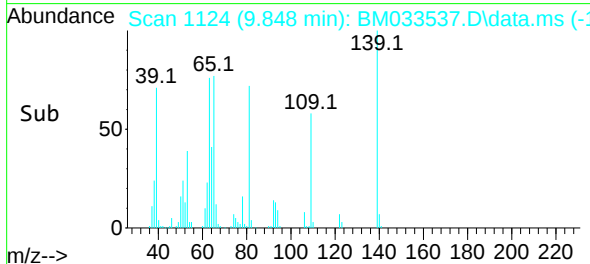
Instrument :
BNA_M
ClientSampleId :
PB141458BS



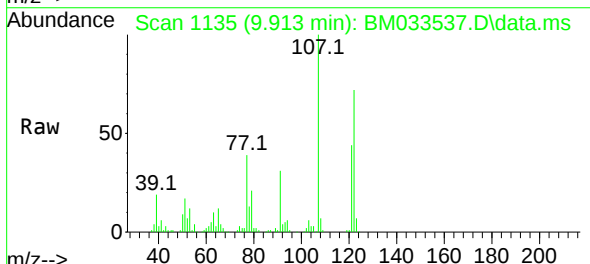
Tgt Ion:139 Resp: 59600
Ion Ratio Lower Upper
139 100
109 58.3 33.0 49.6
65 76.8 57.2 85.8

Manual Integrations
APPROVED

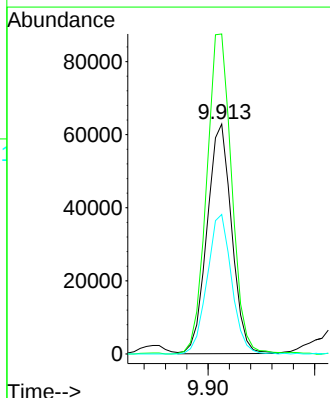
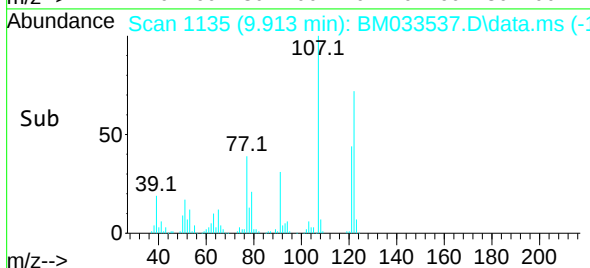
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

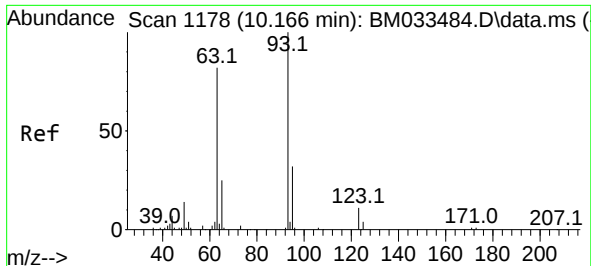


#27
2,4-Dimethylphenol
Concen: 47.435 ng
RT: 9.913 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



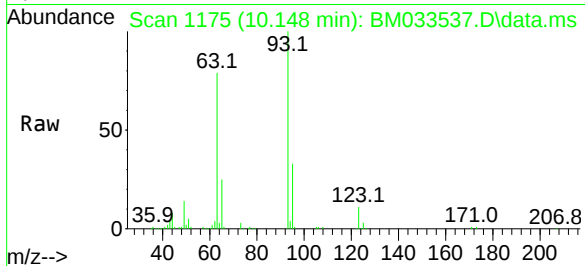
Tgt Ion:122 Resp: 100577
Ion Ratio Lower Upper
122 100
107 139.1 105.3 157.9
121 60.7 49.7 74.5





#28
bis(2-Chloroethoxy)methane
Concen: 41.441 ng
RT: 10.148 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

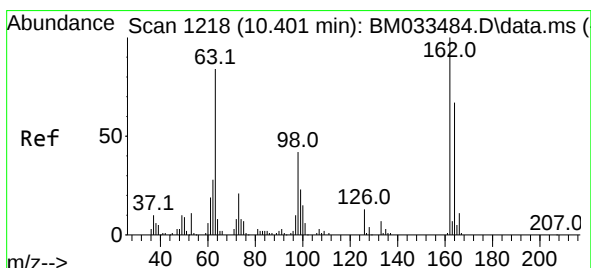
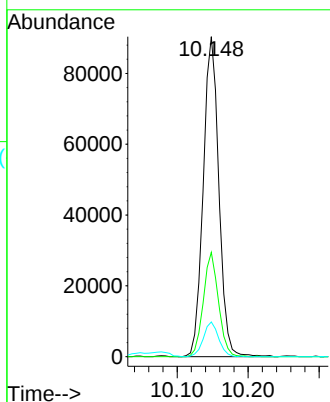
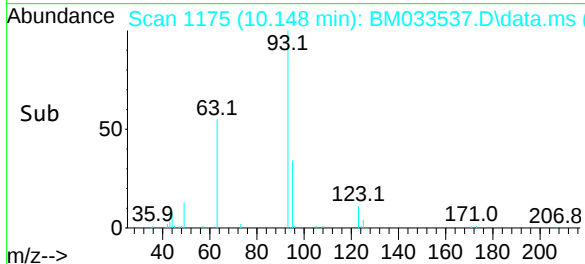
Instrument :
BNA_M
ClientSampleId :
PB141458BS



Tgt Ion: 93 Resp: 13858
Ion Ratio Lower Upper
93 100
95 32.6 26.8 40.2
123 10.8 8.0 12.0

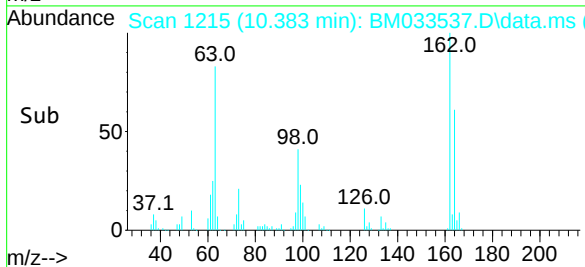
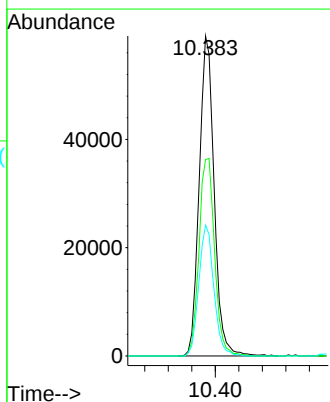
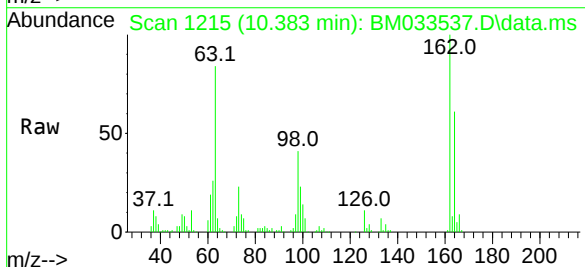
Manual Integrations
APPROVED

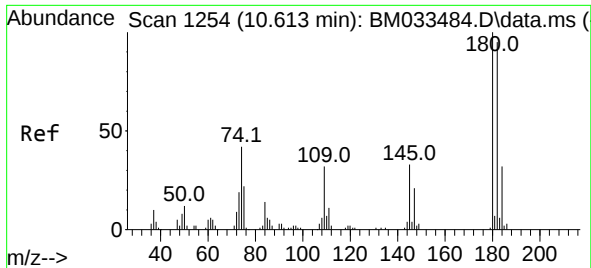
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#29
2,4-Dichlorophenol
Concen: 43.180 ng
RT: 10.383 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

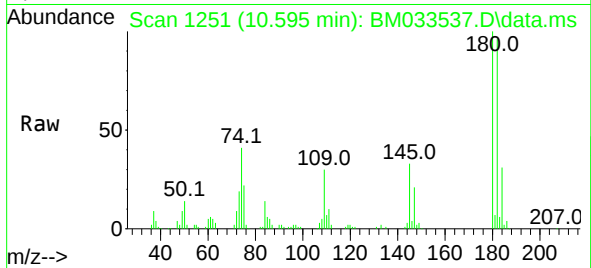
Tgt Ion:162 Resp: 104427
Ion Ratio Lower Upper
162 100
164 61.4 44.4 84.4
98 40.9 19.6 59.6





#30
1,2,4-Trichlorobenzene
Concen: 40.533 ng
RT: 10.595 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

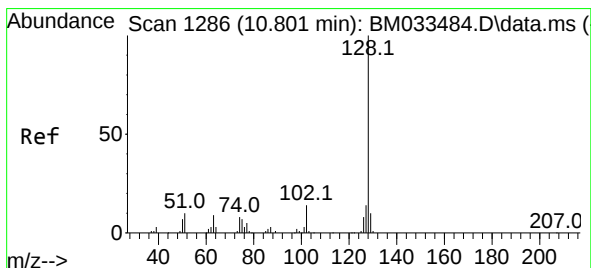
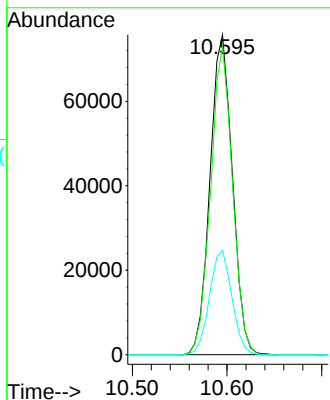
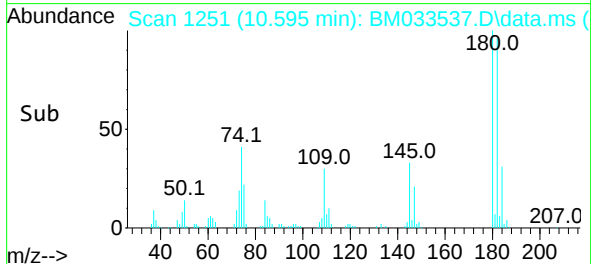
Instrument :
BNA_M
ClientSampleId :
PB141458BS



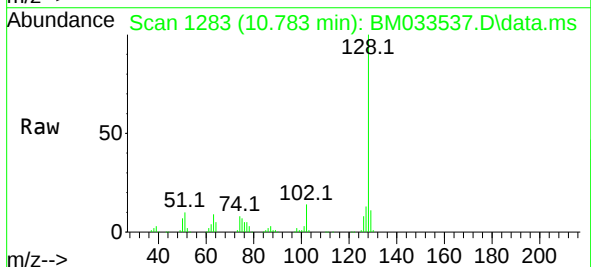
Tgt Ion:180 Resp: 124294
Ion Ratio Lower Upper
180 100
182 96.3 77.8 116.8
145 32.6 26.0 39.0

Manual Integrations
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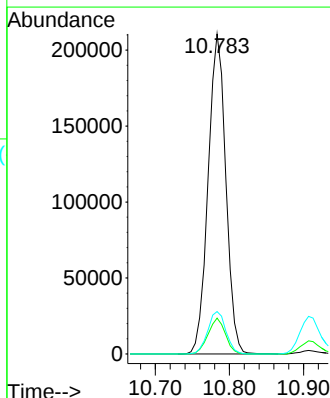
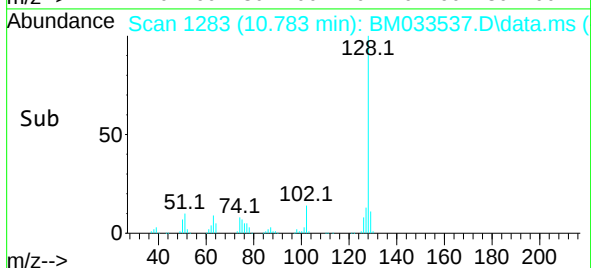
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

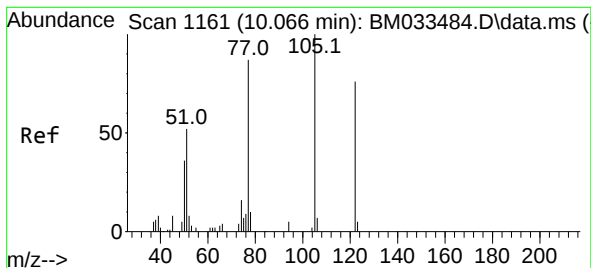


#31
Naphthalene
Concen: 39.904 ng
RT: 10.783 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



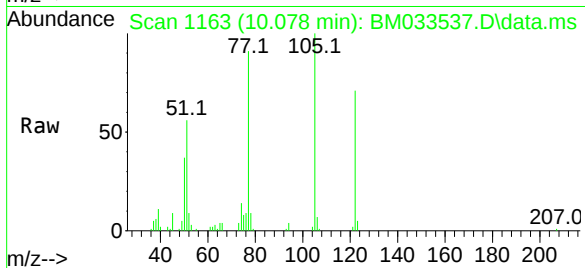
Tgt Ion:128 Resp: 349031
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.2 10.8 16.2





#32
Benzoic acid
Concen: 45.574 ng
RT: 10.078 min Scan# 1161
Delta R.T. 0.011 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

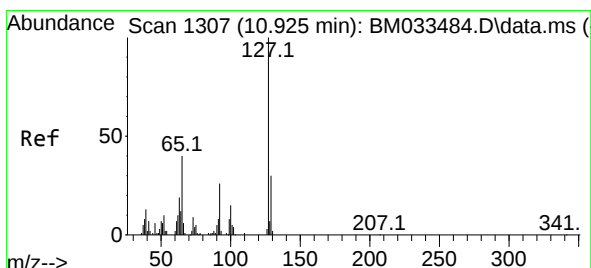
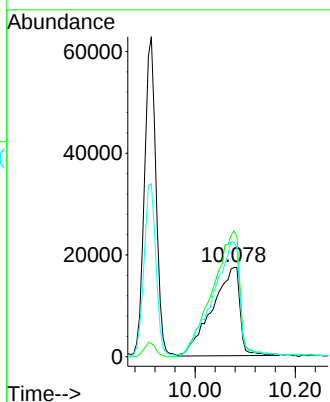
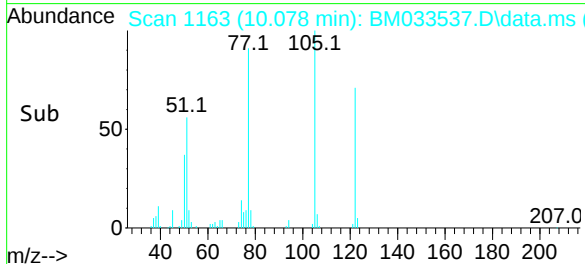
Instrument :
BNA_M
ClientSampleId :
PB141458BS



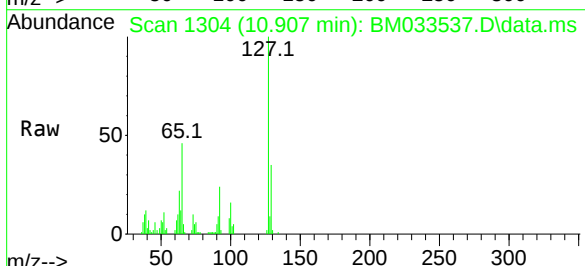
Tgt Ion:122 Resp: 67150
Ion Ratio Lower Upper
122 100
105 141.0 119.6 159.6
77 128.5 101.0 141.0

Manual Integrations
APPROVED

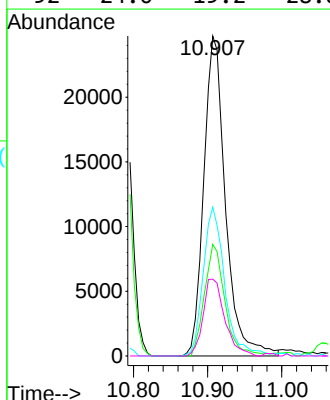
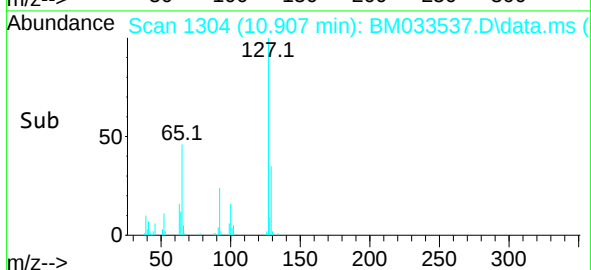
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

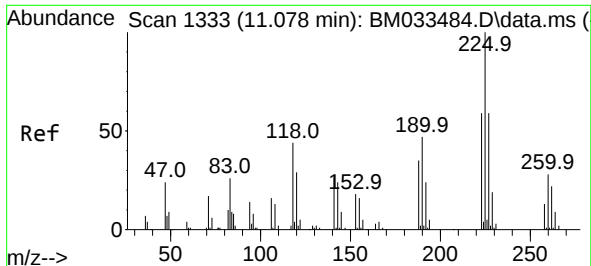


#33
4-Chloroaniline
Concen: 17.806 ng
RT: 10.907 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:127 Resp: 50385
Ion Ratio Lower Upper
127 100
129 34.8 26.2 39.4
65 46.5 33.0 49.6
92 24.0 19.2 28.8





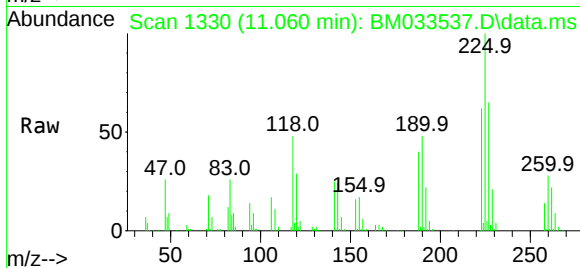
#34
Hexachlorobutadiene
Concen: 40.691 ng
RT: 11.060 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

PB141458BS

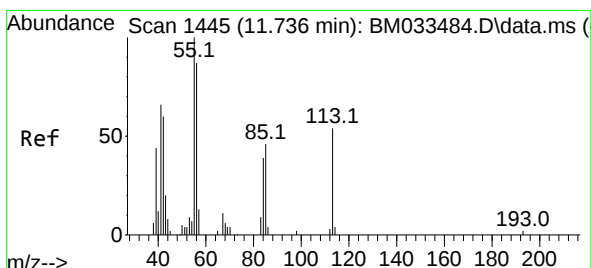
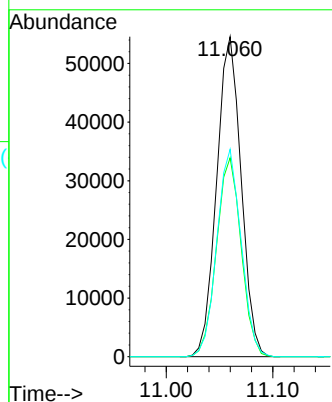
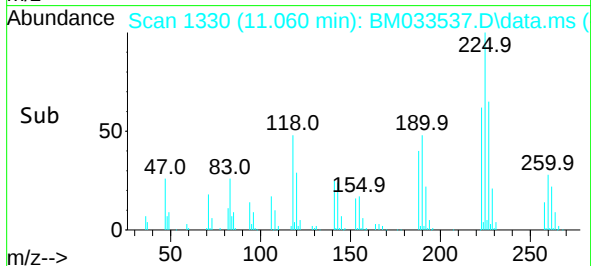


Tgt Ion:225 Resp: 86998
Ion Ratio Lower Upper
225 100
223 62.1 52.5 78.7
227 64.8 52.7 79.1

Manual Integrations

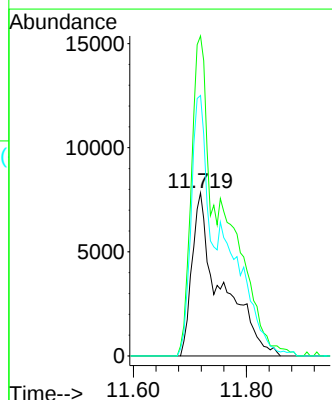
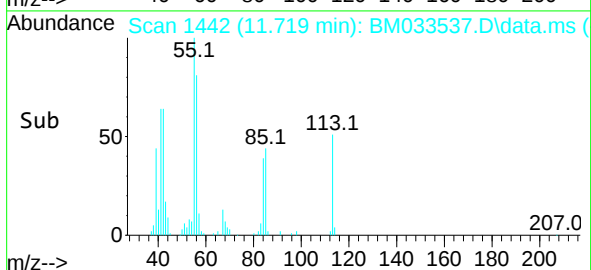
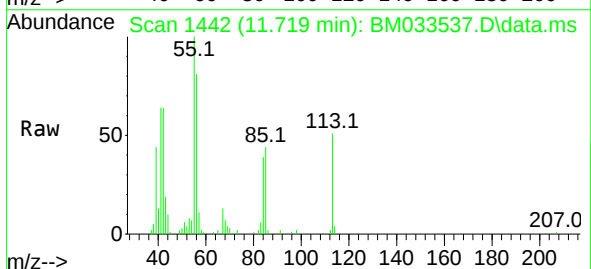
APPROVED

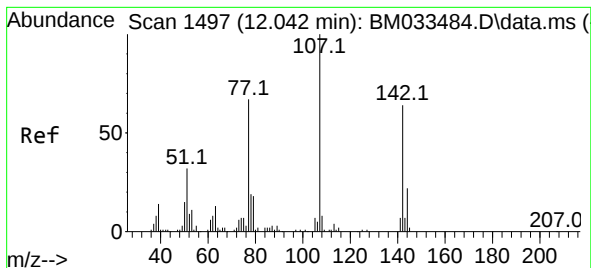
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#35
Caprolactam
Concen: 58.789 ng m
RT: 11.719 min Scan# 1442
Delta R.T. 0.011 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Tgt Ion:113 Resp: 28087
Ion Ratio Lower Upper
113 100
55 196.2 183.6 223.6
56 159.7 143.7 183.7





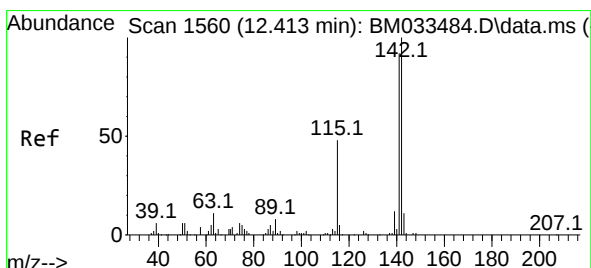
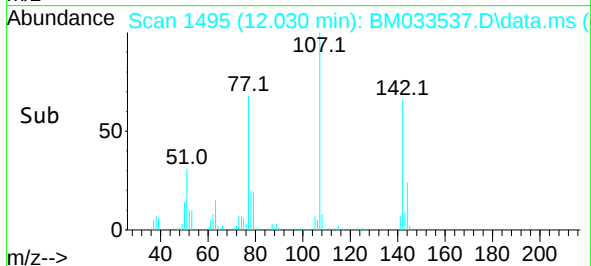
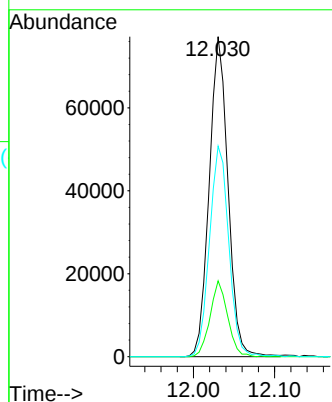
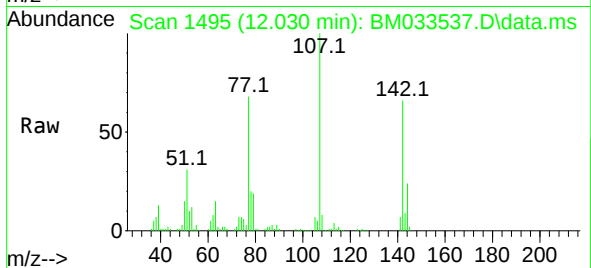
#36
4-Chloro-3-methylphenol
Concen: 39.916 ng
RT: 12.030 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :
BNA_M
ClientSampleId :
PB141458BS

Tgt Ion:107 Resp: 12390
Ion Ratio Lower Upper
107 100
144 23.7 18.6 27.8
142 65.8 56.9 85.3

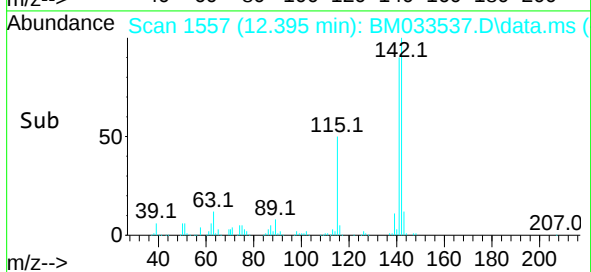
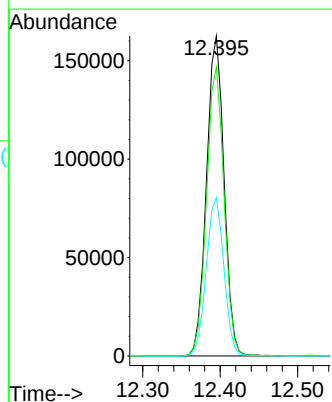
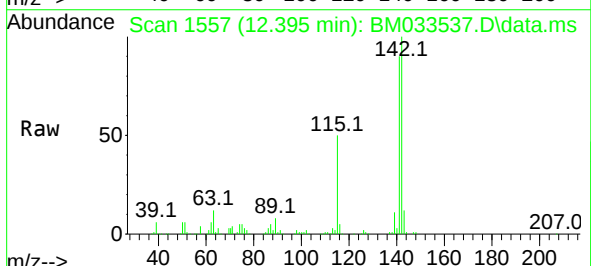
Manual Integrations
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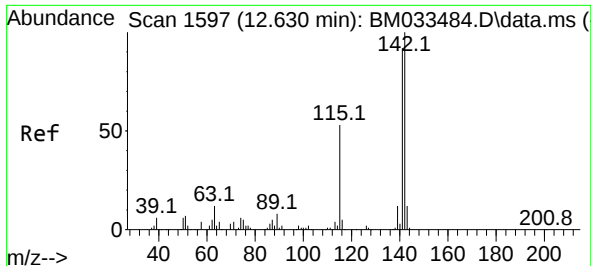
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#37
2-Methylnaphthalene
Concen: 42.360 ng
RT: 12.395 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Tgt Ion:142 Resp: 256304
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2
115 49.6 33.0 49.6#





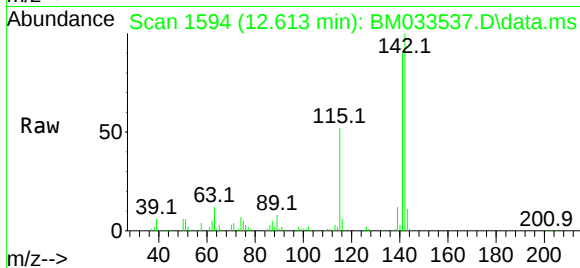
#38
1-Methylnaphthalene
Concen: 39.232 ng m
RT: 12.613 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

PB141458BS

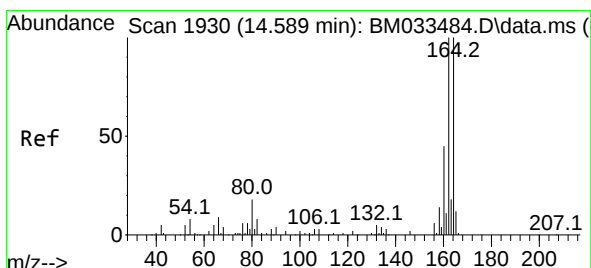
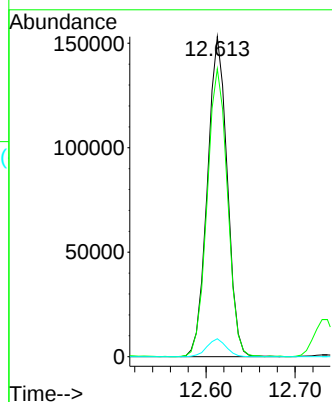
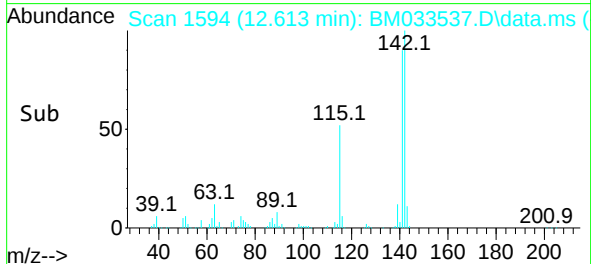


Tgt Ion:142 Resp: 23677
Ion Ratio Lower Upper
142 100
141 90.0 75.0 112.4
116 5.6 3.5 5.3

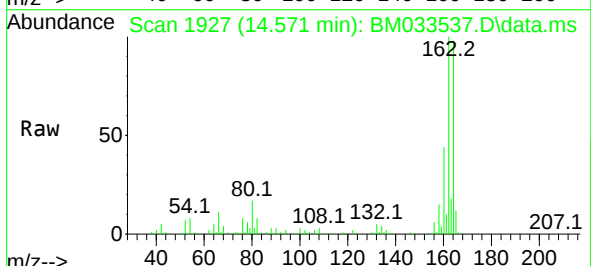
Manual Integrations

APPROVED

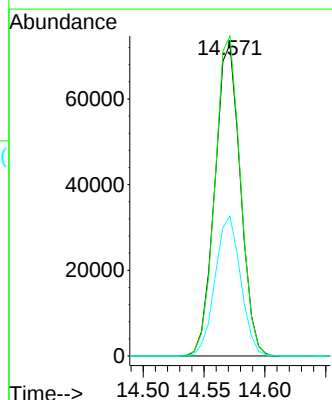
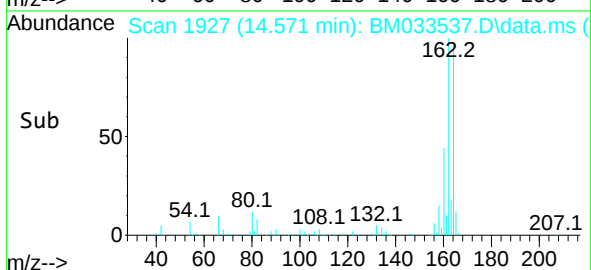
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

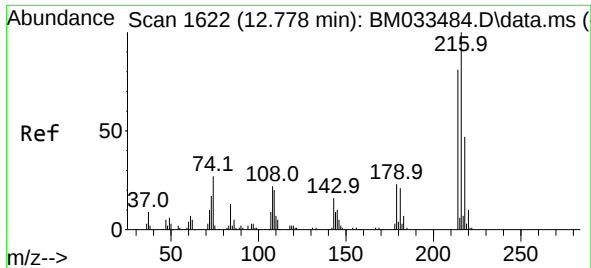


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:164 Resp: 106483
Ion Ratio Lower Upper
164 100
162 102.5 79.7 119.5
160 44.8 34.2 51.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.209 ng
RT: 12.760 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

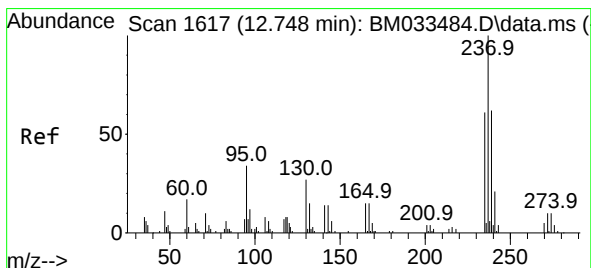
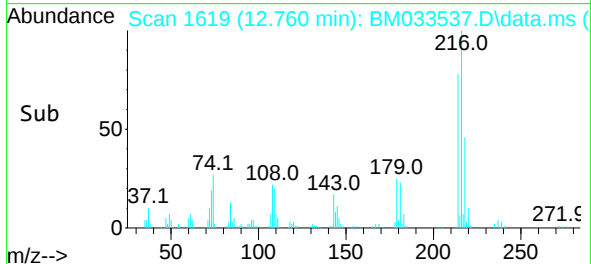
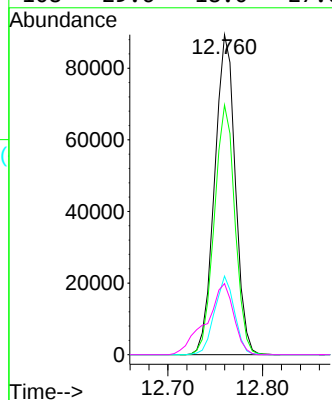
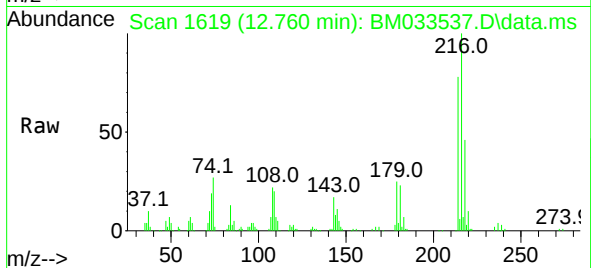
PB141458BS

Tgt Ion:216 Resp: 135609
Ion Ratio Lower Upper
216 100
214 77.9 62.6 93.8
179 23.5 18.2 27.2
108 29.6 18.0 27.0#

Manual Integrations

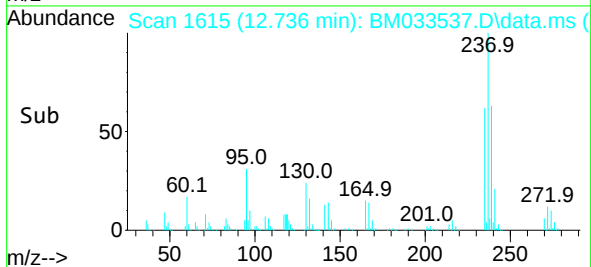
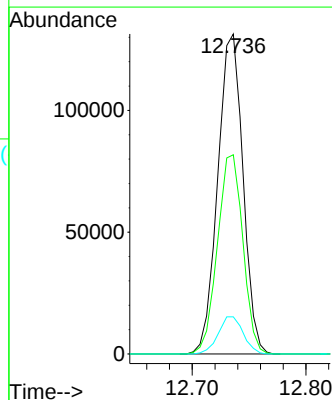
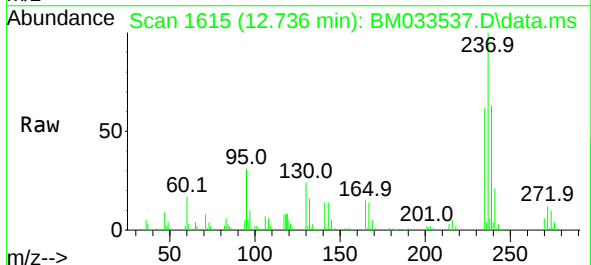
APPROVED

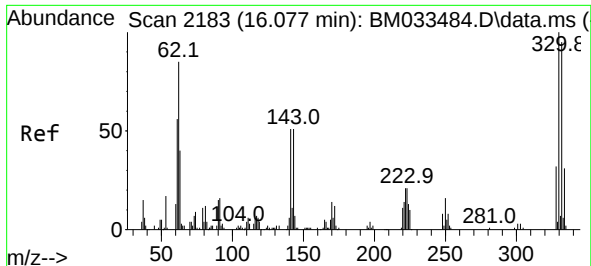
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#41
Hexachlorocyclopentadiene
Concen: 152.676 ng
RT: 12.736 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

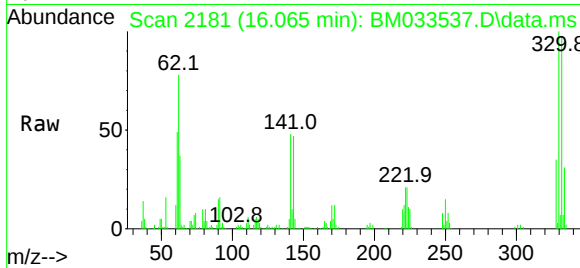
Tgt Ion:237 Resp: 202529
Ion Ratio Lower Upper
237 100
235 62.3 41.7 81.7
272 11.6 0.0 32.5





#42
2,4,6-Tribromophenol
Concen: 120.135 ng
RT: 16.065 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

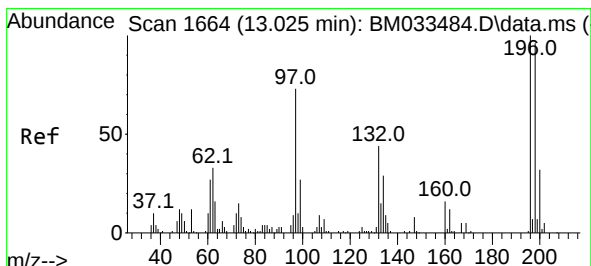
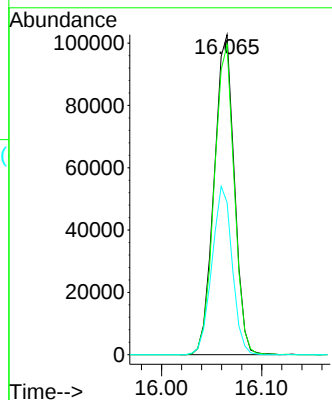
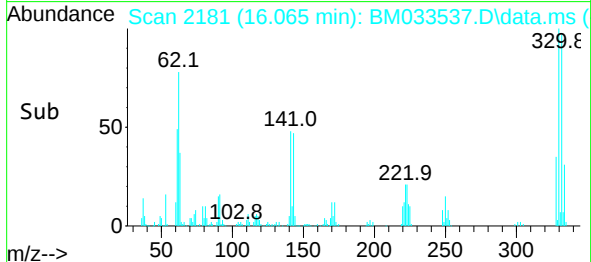
Instrument :
BNA_M
ClientSampleId :
PB141458BS



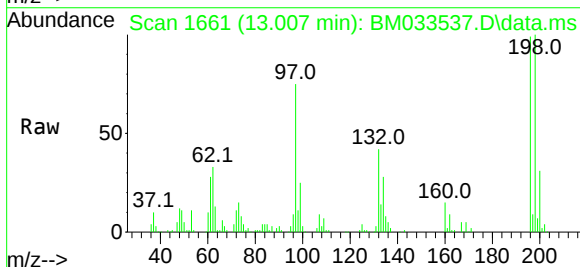
Tgt Ion:330 Resp: 143900
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 52.6 35.9 53.9

Manual Integrations
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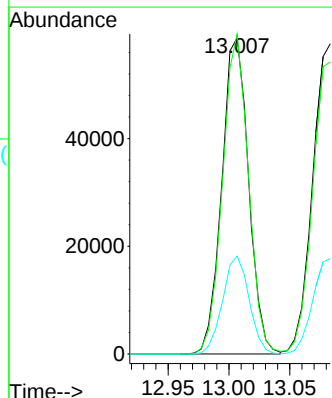
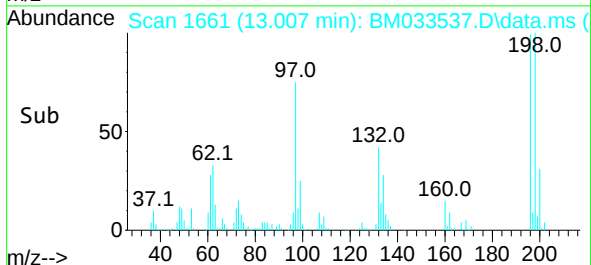
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

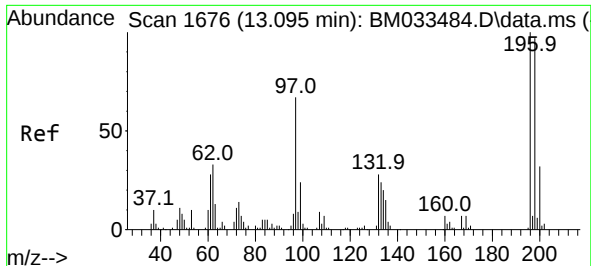


#43
2,4,6-Trichlorophenol
Concen: 43.780 ng
RT: 13.007 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



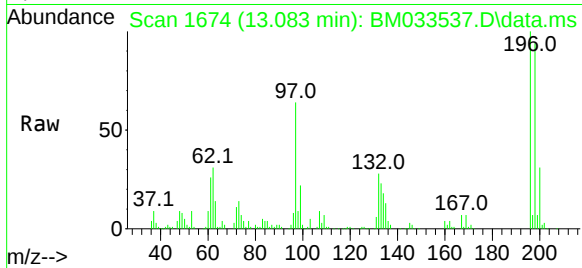
Tgt Ion:196 Resp: 89800
Ion Ratio Lower Upper
196 100
198 101.2 75.1 112.7
200 31.0 24.0 36.0





#44
2,4,5-Trichlorophenol
Concen: 43.677 ng
RT: 13.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

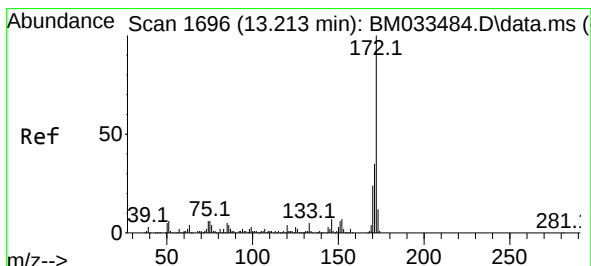
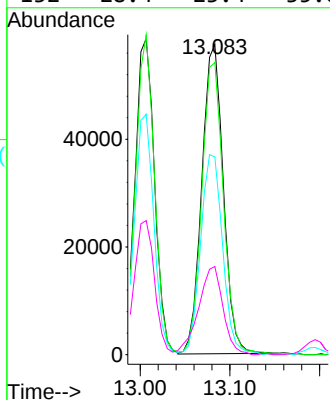
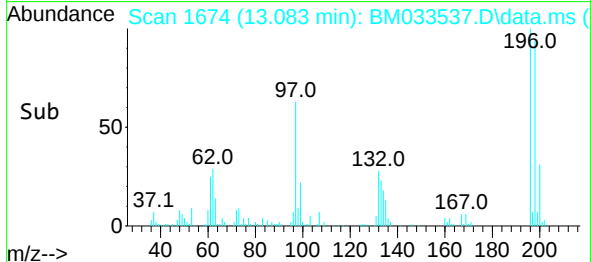
Instrument :
BNA_M
ClientSampleId :
PB141458BS



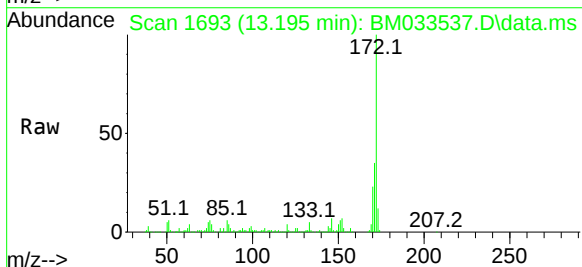
Tgt Ion:196 Resp: 9560
Ion Ratio Lower Upper
196 100
198 94.2 77.8 116.6
97 63.8 49.7 74.5
132 28.4 23.4 35.0

Manual Integrations
APPROVED

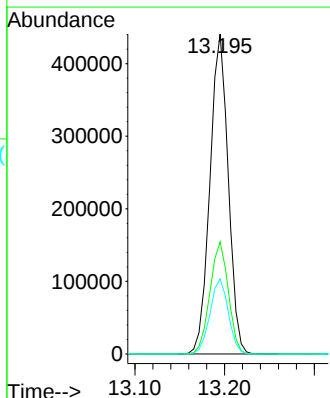
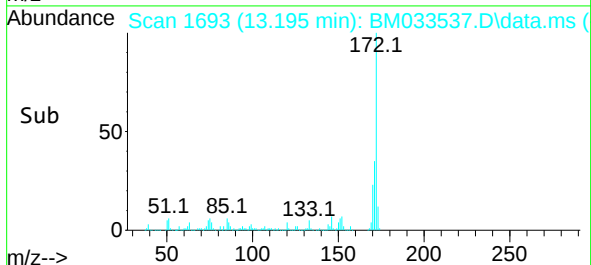
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

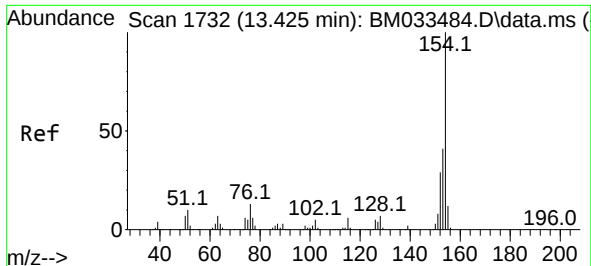


#45
2-Fluorobiphenyl
Concen: 80.972 ng
RT: 13.195 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



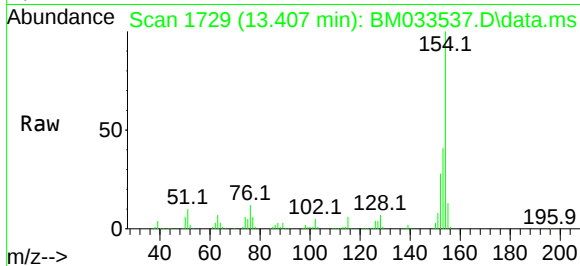
Tgt Ion:172 Resp: 623298
Ion Ratio Lower Upper
172 100
171 35.0 27.2 40.8
170 23.4 18.7 28.1





#46
1,1'-Biphenyl
Concen: 41.758 ng
RT: 13.407 min Scan# 1732
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

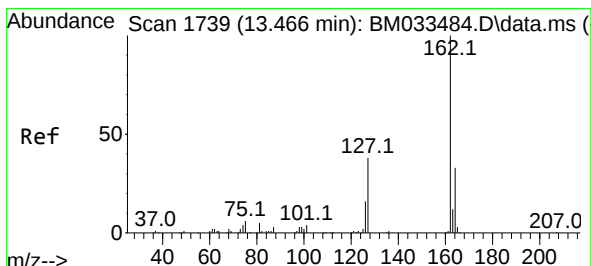
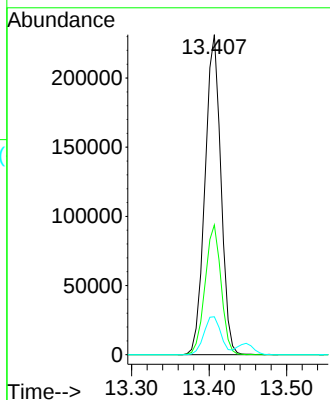
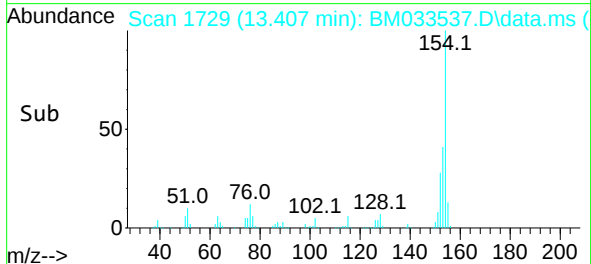
Instrument :
BNA_M
ClientSampleId :
PB141458BS



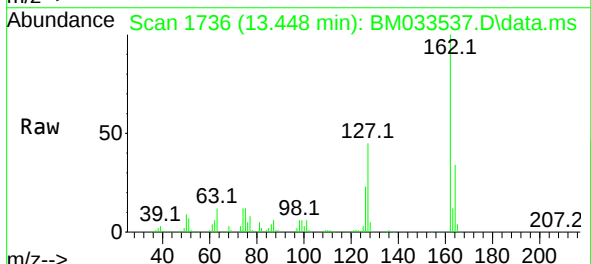
Tgt Ion:154 Resp: 329258
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 11.9 0.0 34.4

Manual Integrations
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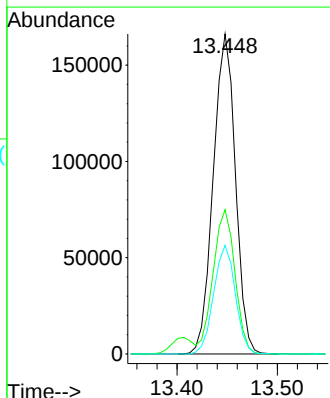
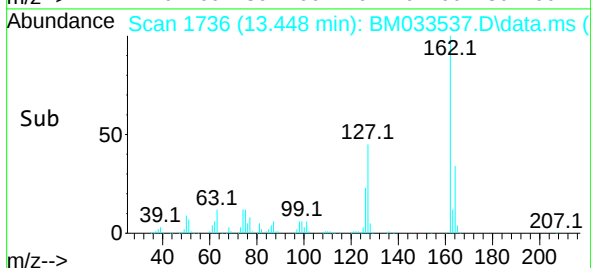
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

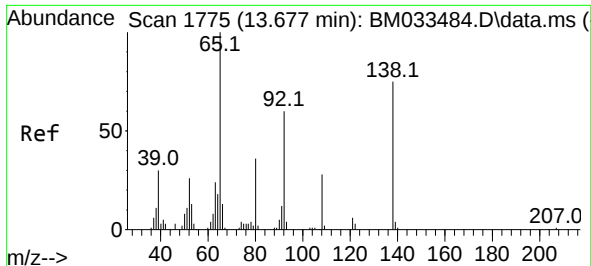


#47
2-Chloronaphthalene
Concen: 41.751 ng
RT: 13.448 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:162 Resp: 254477
Ion Ratio Lower Upper
162 100
127 45.1 33.8 50.6
164 34.0 26.2 39.4





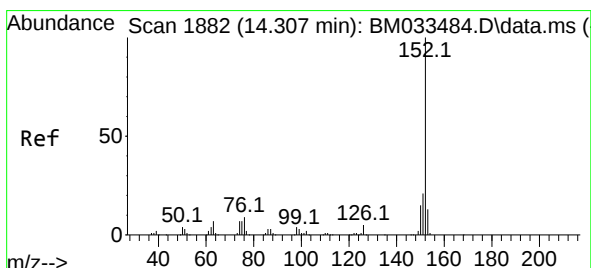
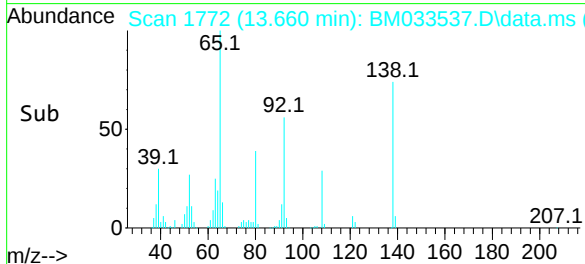
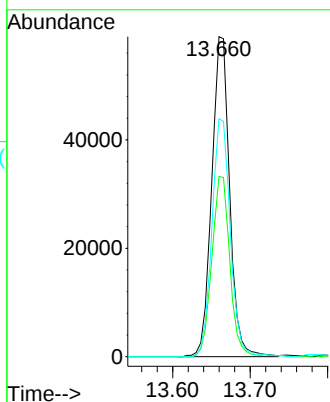
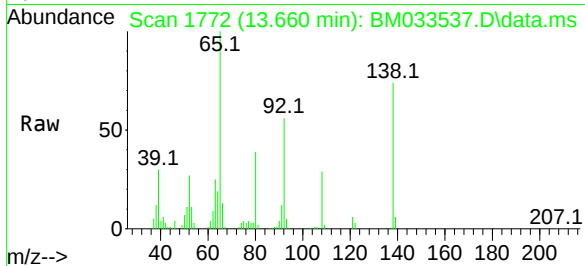
#48
2-Nitroaniline
Concen: 45.625 ng
RT: 13.660 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :
BNA_M
ClientSampleId :
PB141458BS

Tgt Ion: 65 Resp: 9474
Ion Ratio Lower Upper
65 100
92 56.3 50.0 75.0
138 74.3 65.7 98.5

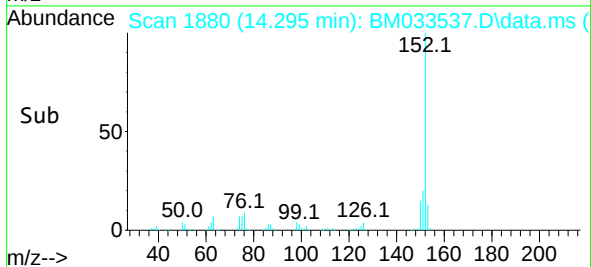
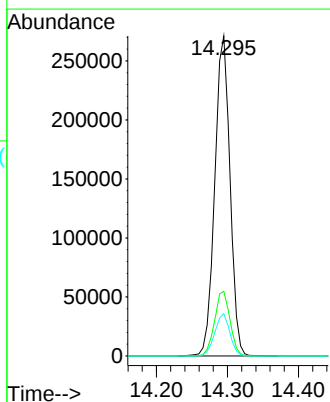
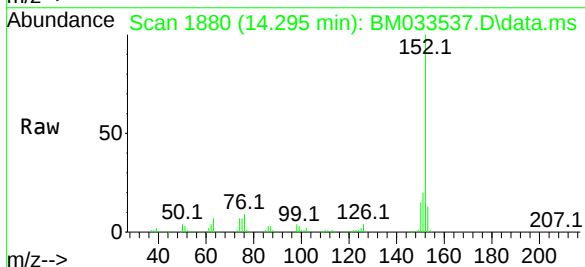
Manual Integrations
APPROVED

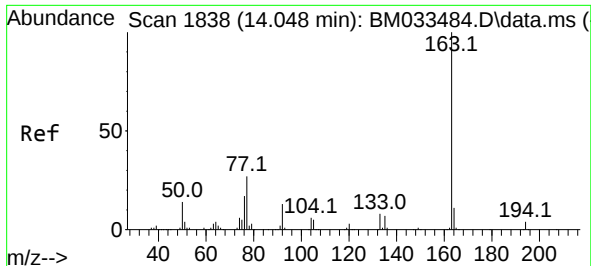
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#49
Acenaphthylene
Concen: 41.682 ng
RT: 14.295 min Scan# 1880
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

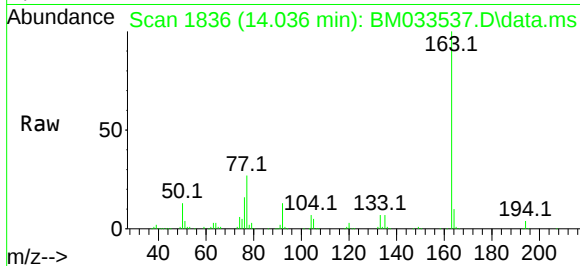
Tgt Ion:152 Resp: 402503
Ion Ratio Lower Upper
152 100
151 20.2 15.4 23.2
153 13.2 10.4 15.6





#50
Dimethylphthalate
Concen: 40.182 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

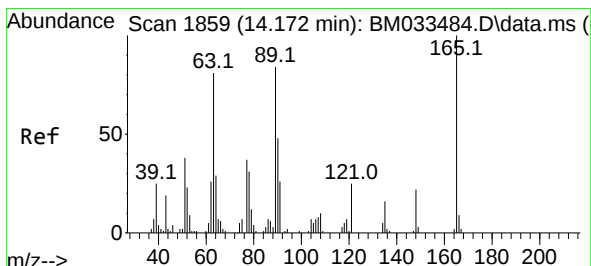
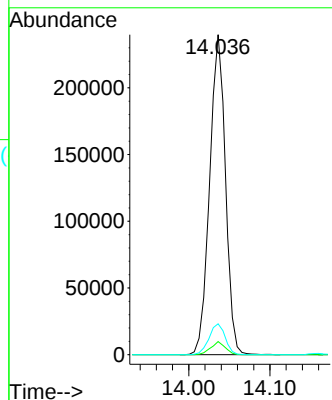
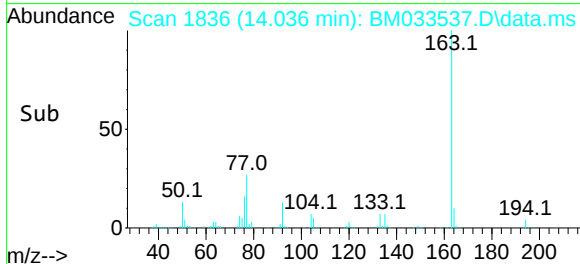
Instrument :
BNA_M
ClientSampleId :
PB141458BS



Tgt Ion:163 Resp: 324094
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.7 8.6 12.8

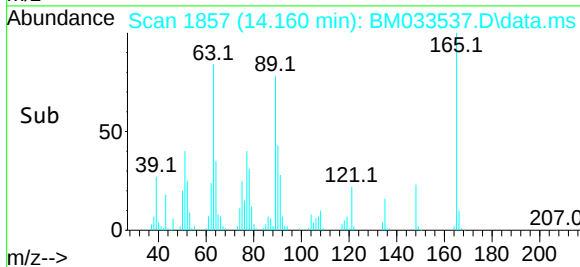
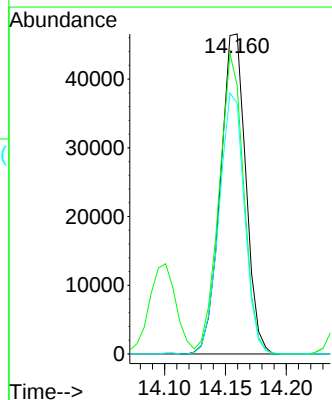
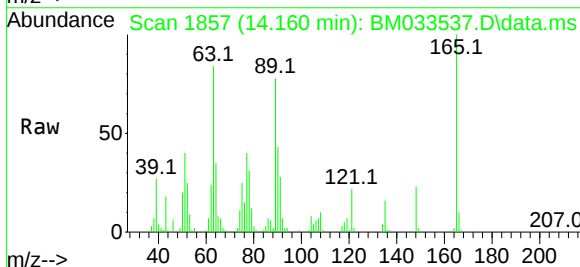
Manual Integrations
APPROVED

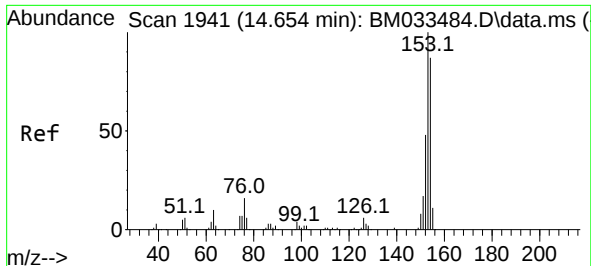
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#51
2,6-Dinitrotoluene
Concen: 44.324 ng
RT: 14.160 min Scan# 1857
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Tgt Ion:165 Resp: 67564
Ion Ratio Lower Upper
165 100
63 83.9 56.9 85.3
89 78.4 54.3 81.5





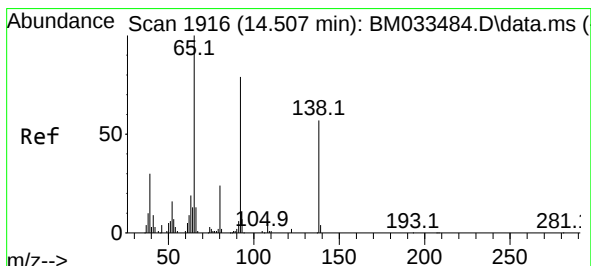
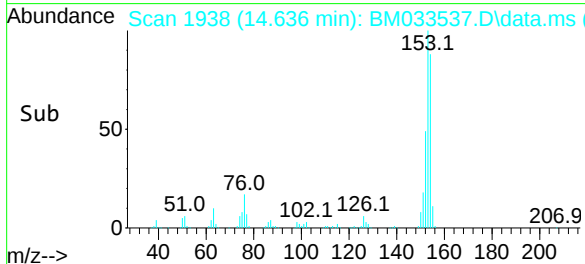
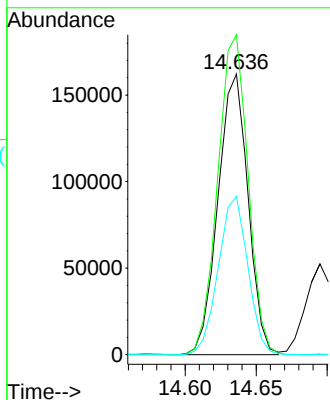
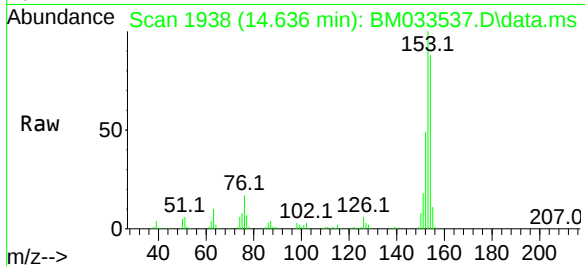
#52
Acenaphthene
Concen: 40.724 ng
RT: 14.636 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :
BNA_M
ClientSampleId :
PB141458BS

Tgt Ion:154 Resp: 238834
Ion Ratio Lower Upper
154 100
153 114.0 90.2 135.4
152 56.4 43.5 65.3

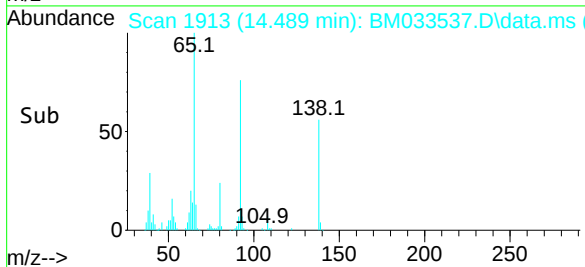
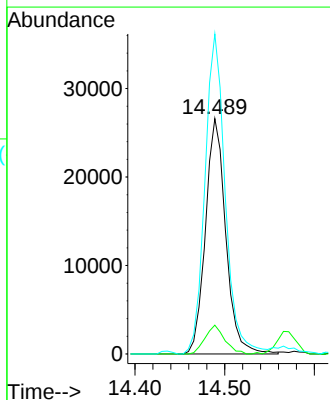
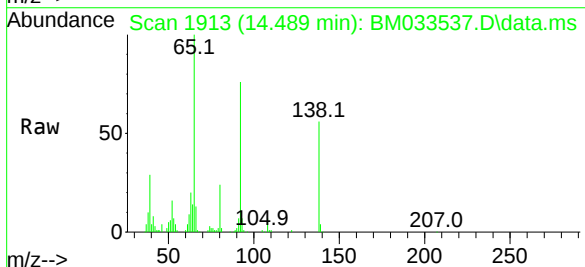
Manual Integrations
APPROVED

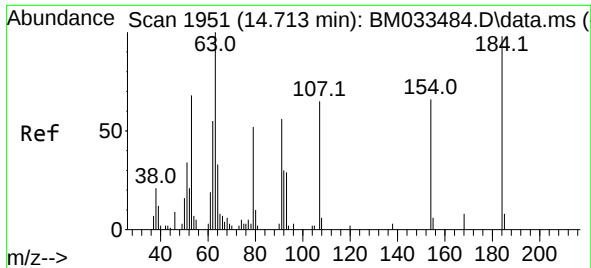
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#53
3-Nitroaniline
Concen: 29.316 ng
RT: 14.489 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Tgt Ion:138 Resp: 41911
Ion Ratio Lower Upper
138 100
108 12.2 9.5 14.3
92 135.9 106.6 159.8





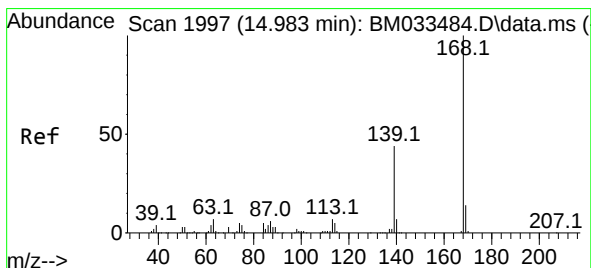
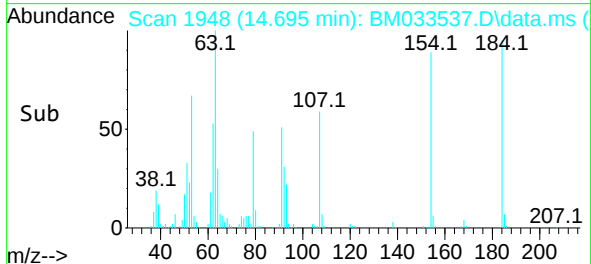
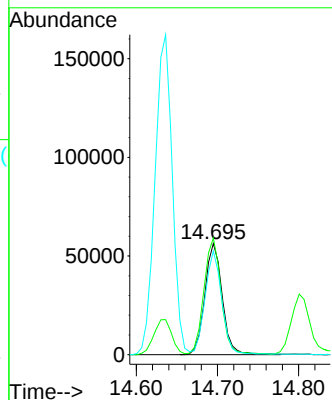
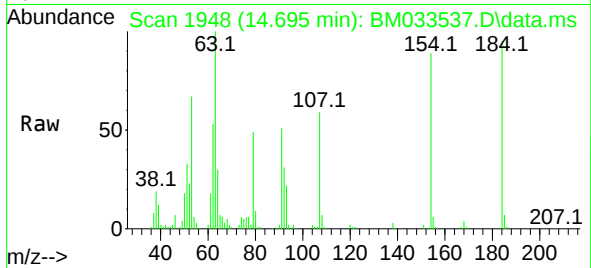
#54
2,4-Dinitrophenol
Concen: 102.463 ng
RT: 14.695 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :
BNA_M
ClientSampleId :
PB141458BS

Tgt Ion:184 Resp: 8402
Ion Ratio Lower Upper
184 100
63 104.9 71.8 107.6
154 93.2 55.7 83.5

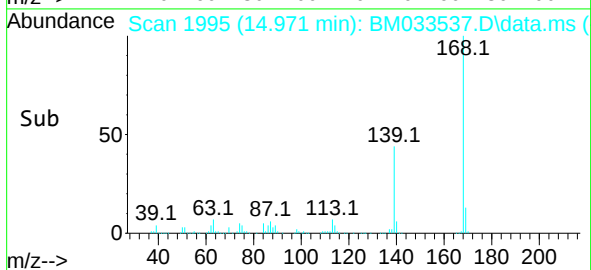
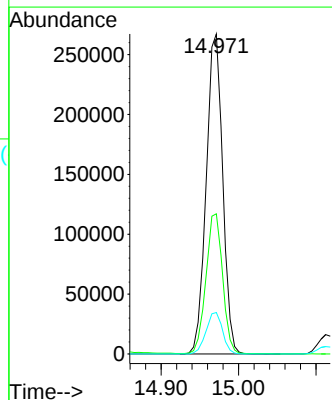
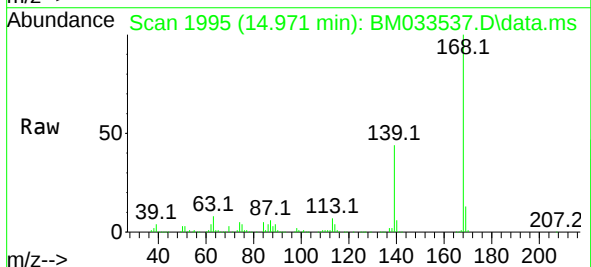
Manual Integrations
APPROVED

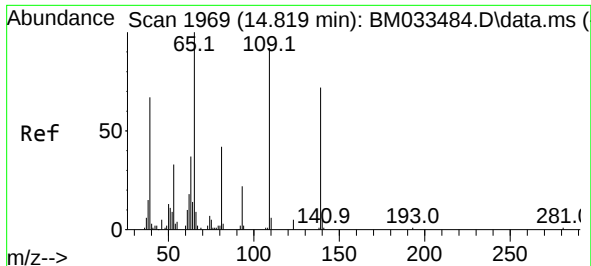
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#55
Dibenzofuran
Concen: 39.645 ng
RT: 14.971 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

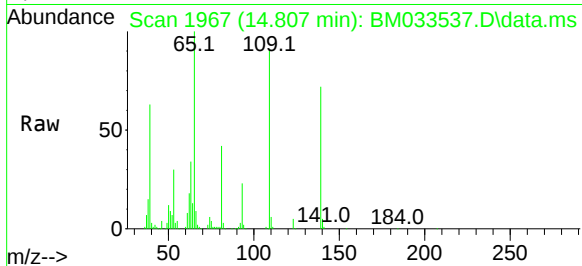
Tgt Ion:168 Resp: 394024
Ion Ratio Lower Upper
168 100
139 43.8 31.4 47.2
169 13.0 10.6 15.8





#56
4-Nitrophenol
Concen: 87.779 ng
RT: 14.807 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

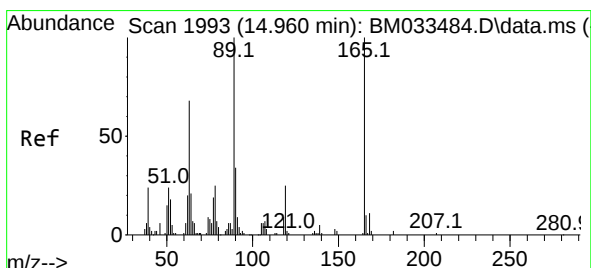
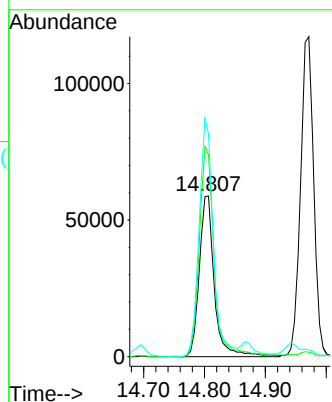
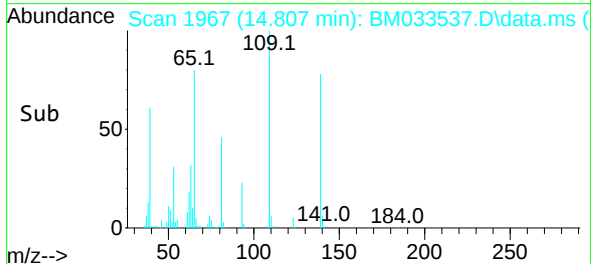
Instrument :
BNA_M
ClientSampleId :
PB141458BS



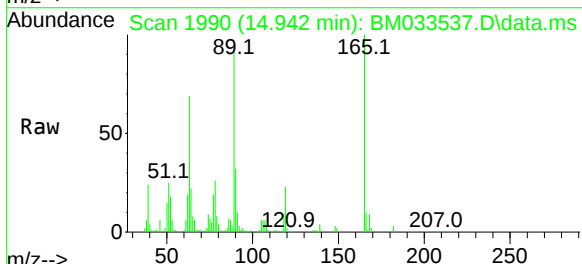
Tgt Ion:139 Resp: 100580
Ion Ratio Lower Upper
139 100
109 125.7 75.3 115.3
65 138.7 107.4 147.4

Manual Integrations
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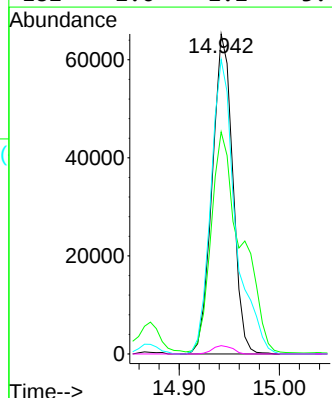
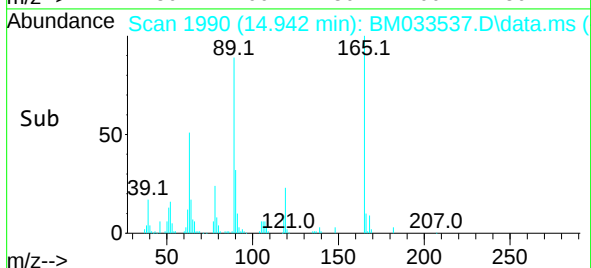
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

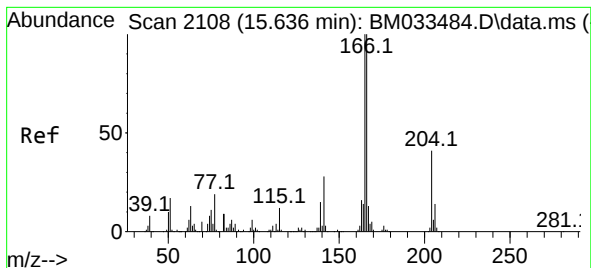


#57
2,4-Dinitrotoluene
Concen: 44.473 ng
RT: 14.942 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:165 Resp: 92710
Ion Ratio Lower Upper
165 100
63 69.4 46.2 69.4
89 92.0 72.0 108.0
182 2.6 2.2 3.4





#58

Fluorene

Concen: 39.945 ng

RT: 15.618 min Scan# 2108

Delta R.T. -0.000 min

Lab File: BM033537.D

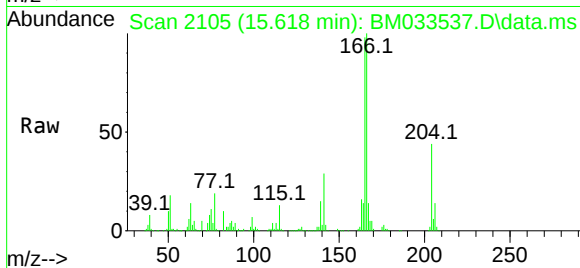
Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

PB141458BS



Tgt Ion:166 Resp: 318614

Ion Ratio Lower Upper

166 100

165 98.4 78.1 117.1

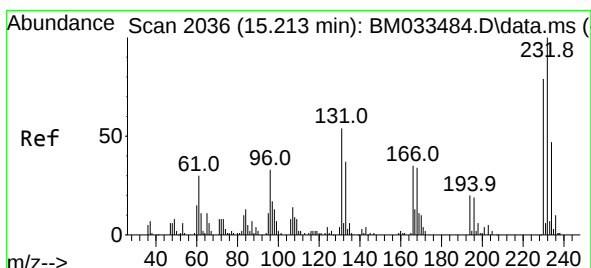
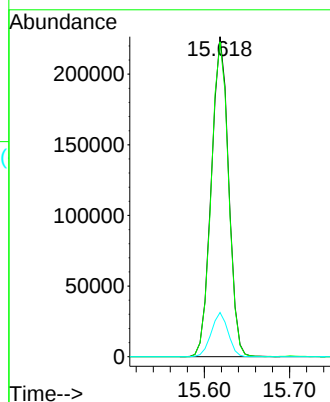
167 13.8 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2021

Supervised By :Jagrut Upadhyay 12/21/2021



#59

2,3,4,6-Tetrachlorophenol

Concen: 41.816 ng

RT: 15.195 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Tgt Ion:232 Resp: 83278

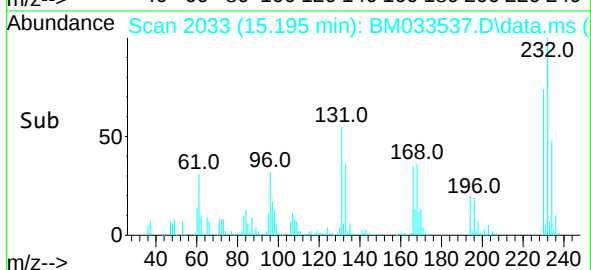
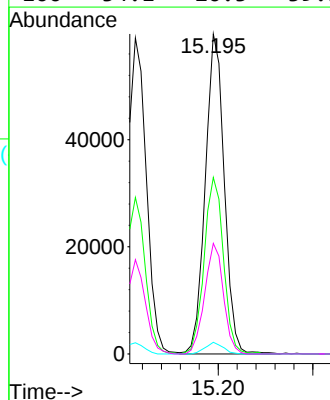
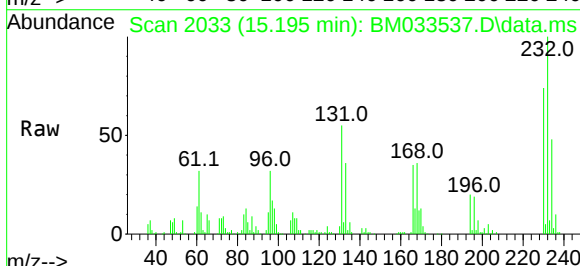
Ion Ratio Lower Upper

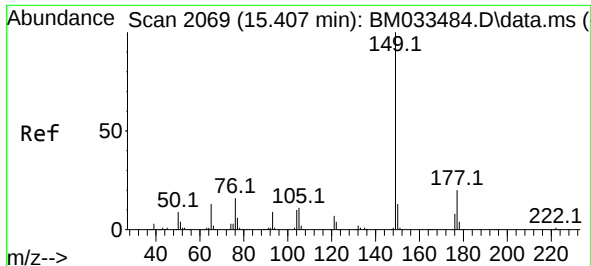
232 100

131 56.0 41.4 62.0

130 3.4 2.4 3.6

166 34.1 26.3 39.5





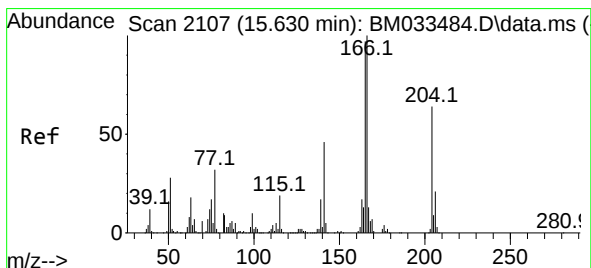
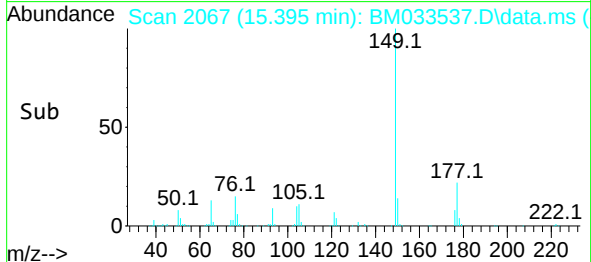
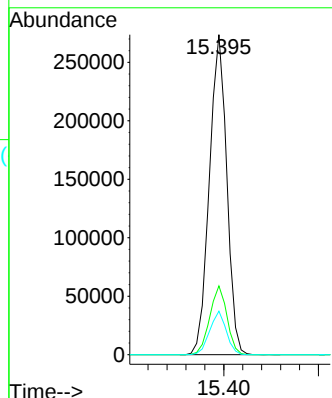
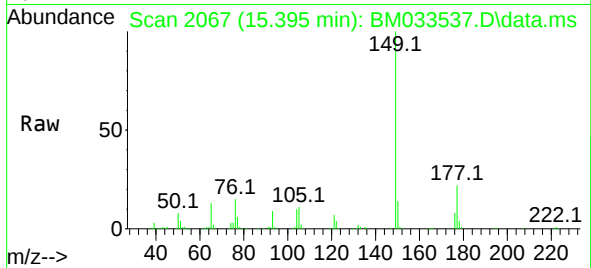
#60
Diethylphthalate
Concen: 40.172 ng
RT: 15.395 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :
BNA_M
ClientSampleId :
PB141458BS

Tgt Ion:149 Resp: 348424
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 13.6 10.3 15.5

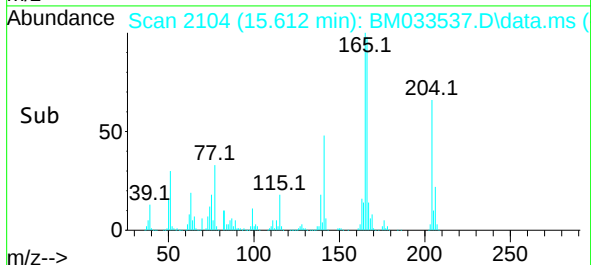
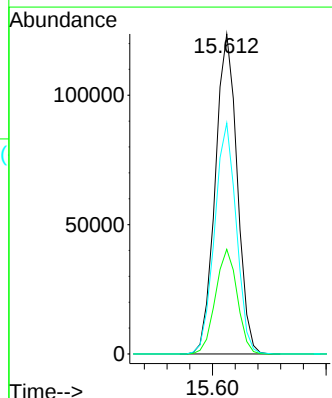
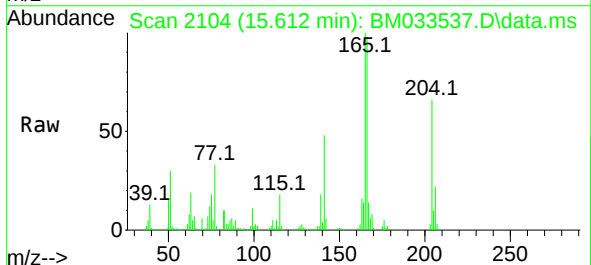
Manual Integrations
APPROVED

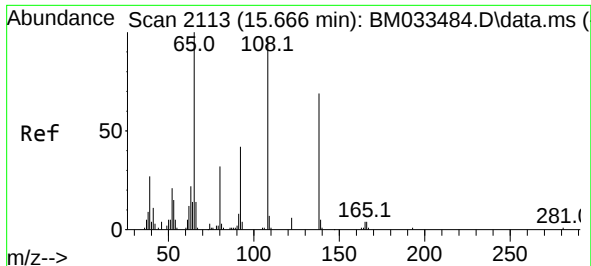
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#61
4-Chlorophenyl-phenylether
Concen: 39.991 ng
RT: 15.612 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

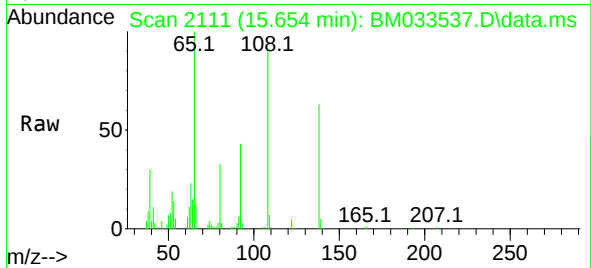
Tgt Ion:204 Resp: 165602
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.2
141 72.1 50.6 76.0





#62
4-Nitroaniline
Concen: 39.979 ng
RT: 15.654 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

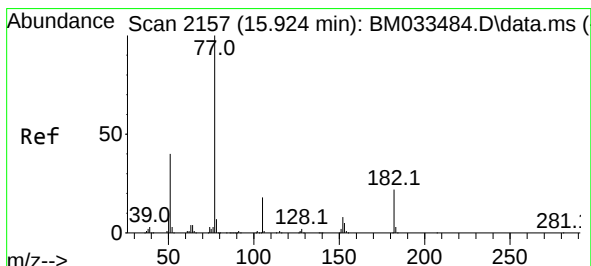
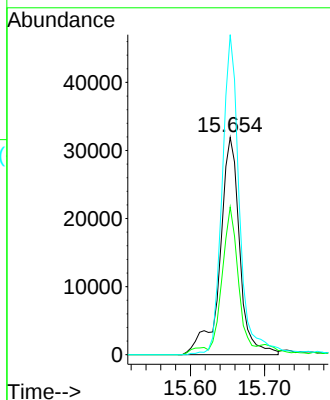
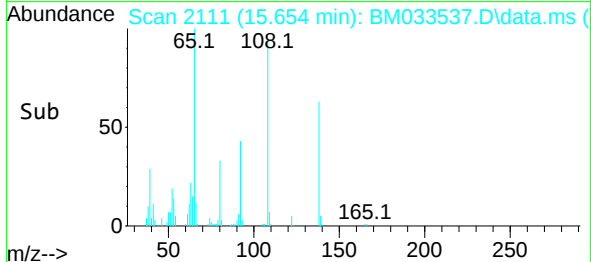
Instrument :
BNA_M
ClientSampleId :
PB141458BS



Tgt Ion:138 Resp: 5884
Ion Ratio Lower Upper
138 100
92 68.0 38.7 78.7
108 147.3 81.9 121.9

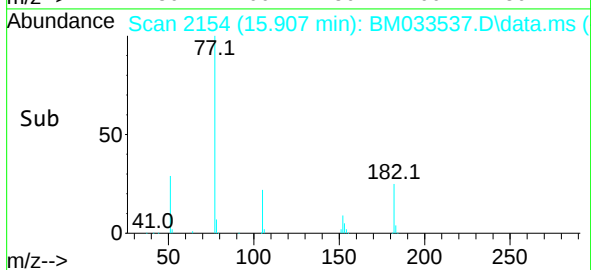
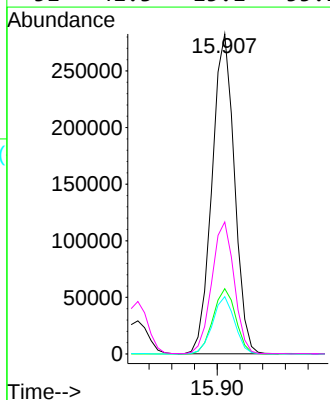
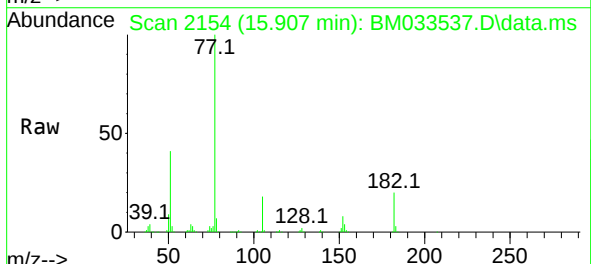
Manual Integrations
APPROVED

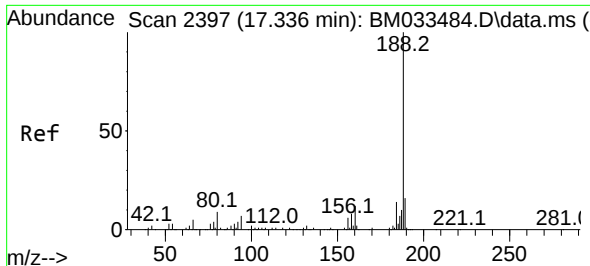
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#63
Azobenzene
Concen: 39.729 ng
RT: 15.907 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

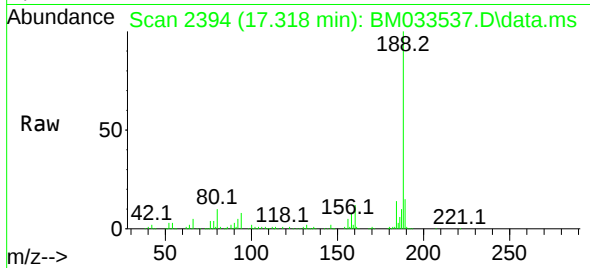
Tgt Ion: 77 Resp: 386570
Ion Ratio Lower Upper
77 100
182 20.4 0.3 40.3
105 17.9 0.0 38.3
51 41.3 15.1 55.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

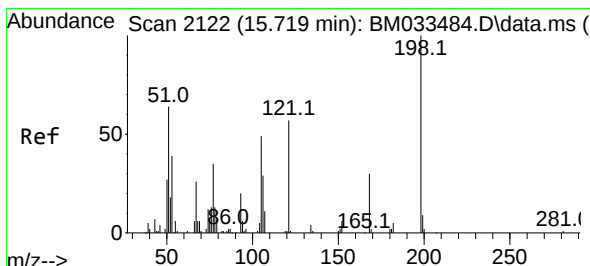
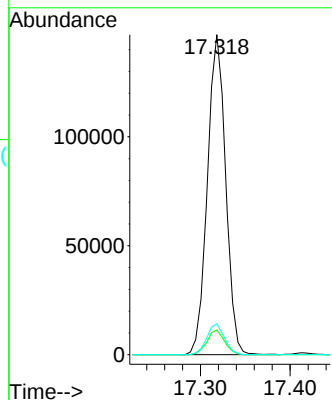
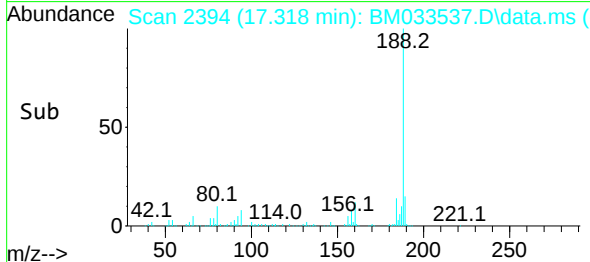
Instrument :
BNA_M
ClientSampleId :
PB141458BS



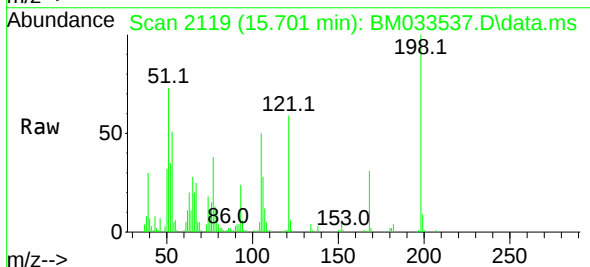
Tgt Ion:188 Resp: 207365
Ion Ratio Lower Upper
188 100
94 7.7 7.5 11.3
80 9.7 8.9 13.3

Manual Integrations
APPROVED

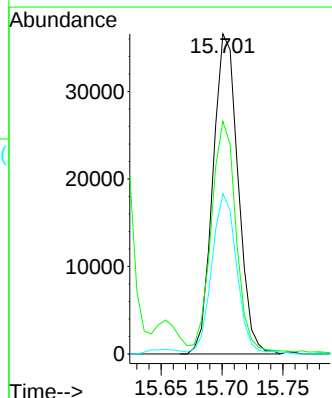
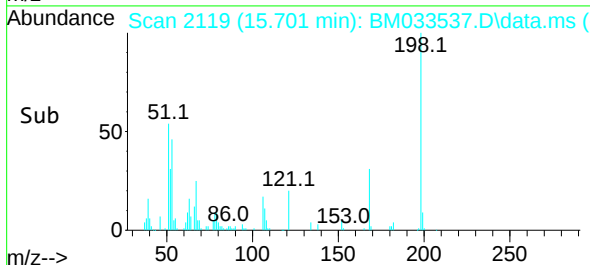
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

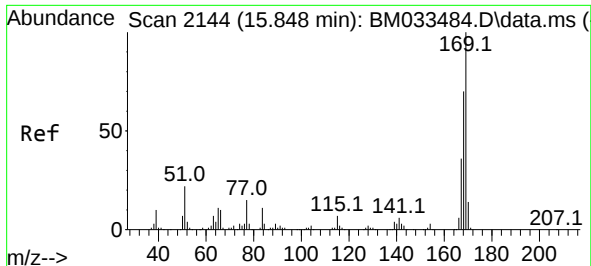


#65
4,6-Dinitro-2-methylphenol
Concen: 49.845 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:198 Resp: 52565
Ion Ratio Lower Upper
198 100
51 72.7 47.9 87.9
105 50.1 32.6 72.6





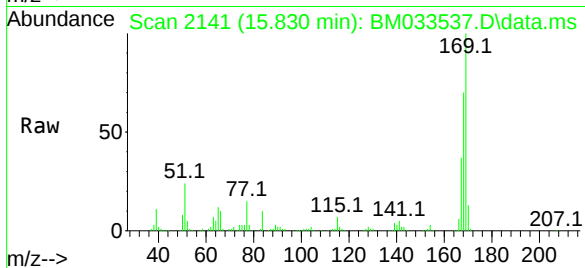
#66
n-Nitrosodiphenylamine
Concen: 43.563 ng
RT: 15.830 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

PB141458BS

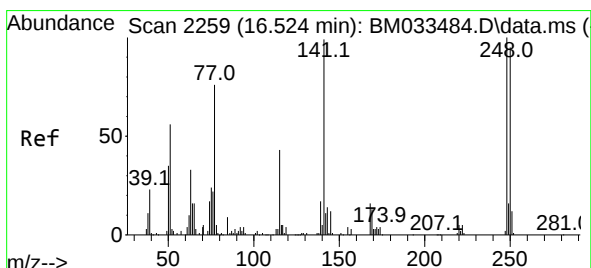
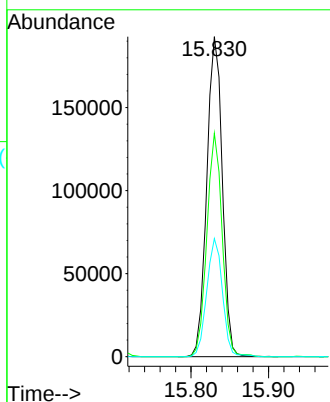
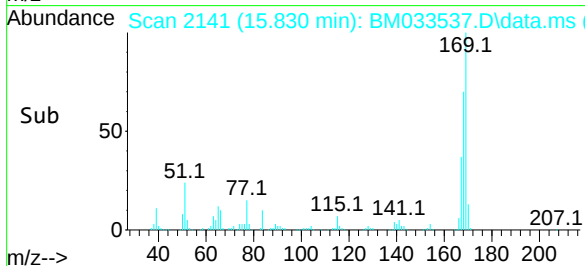


Tgt Ion:169 Resp: 268179
Ion Ratio Lower Upper
169 100
168 69.8 52.5 78.7
167 36.9 28.4 42.6

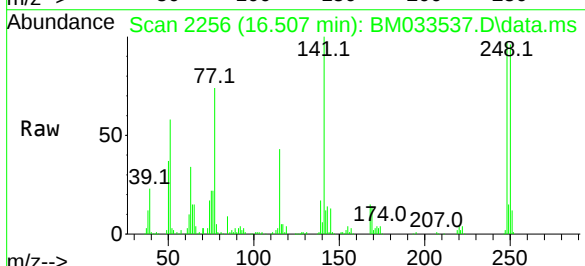
Manual Integrations

APPROVED

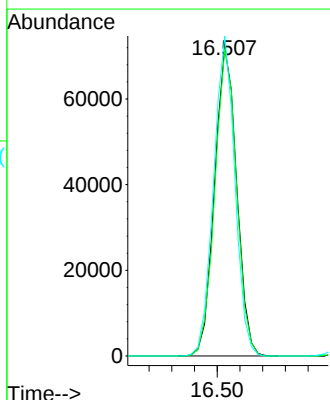
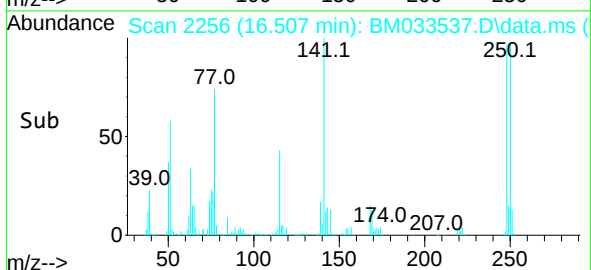
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

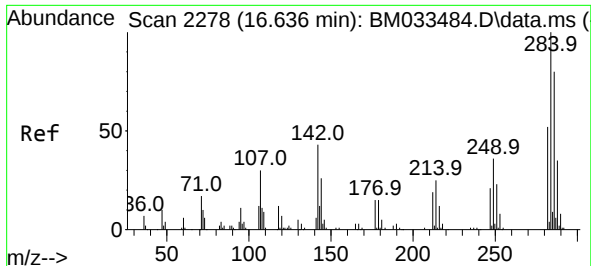


#67
4-Bromophenyl-phenylether
Concen: 43.068 ng
RT: 16.507 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:248 Resp: 97445
Ion Ratio Lower Upper
248 100
250 99.2 78.2 117.2
141 103.5 65.4 98.2#





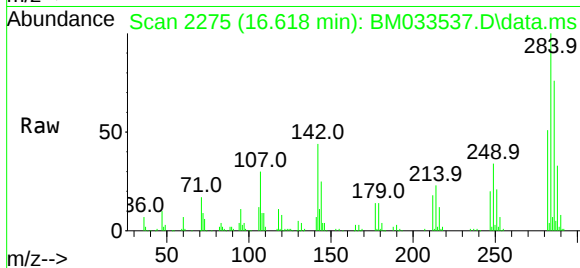
#68
Hexachlorobenzene
Concen: 43.825 ng
RT: 16.618 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

PB141458BS

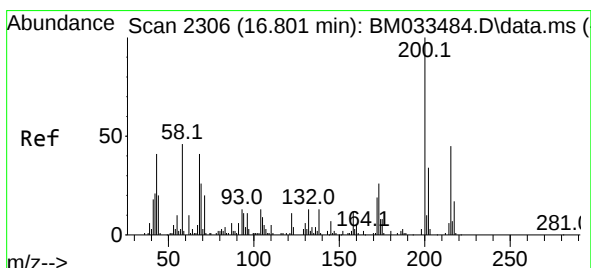
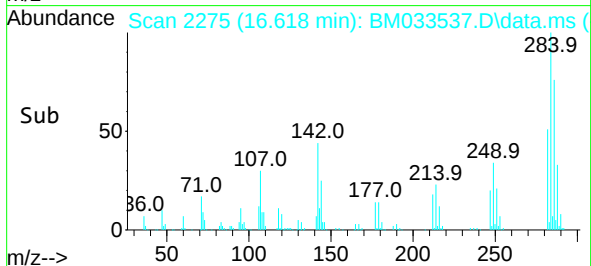
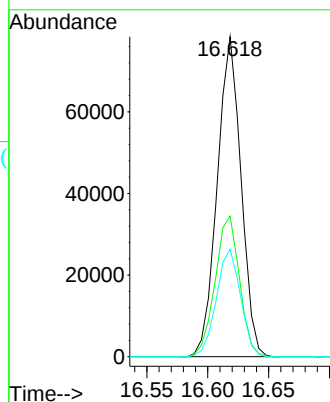


Tgt Ion:284 Resp: 106474
Ion Ratio Lower Upper
284 100
142 43.9 33.1 49.7
249 33.6 27.3 40.9

Manual Integrations

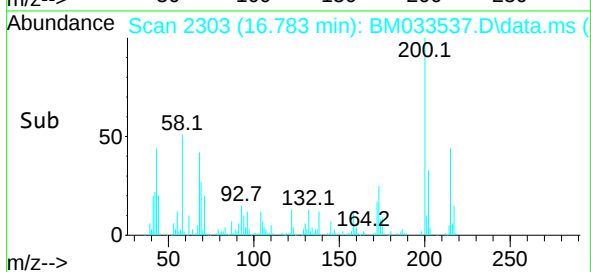
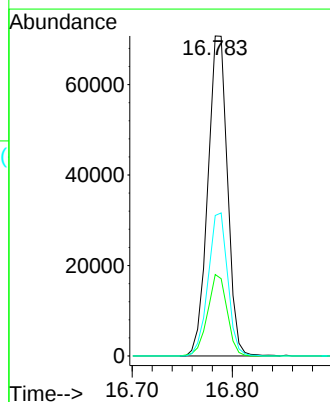
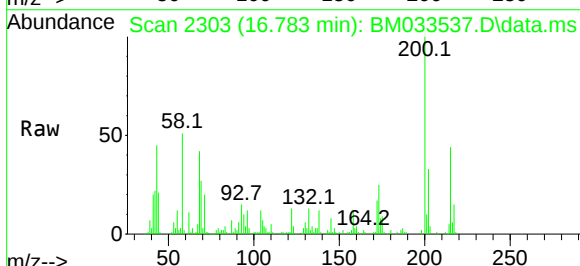
APPROVED

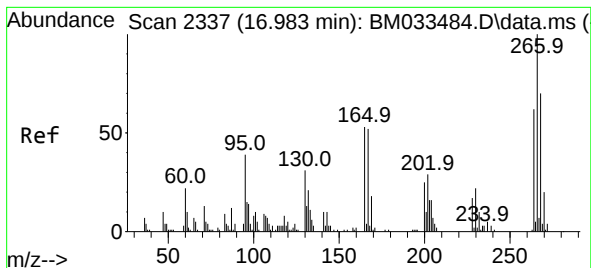
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#69
Atrazine
Concen: 73.856 ng
RT: 16.783 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Tgt Ion:200 Resp: 96397
Ion Ratio Lower Upper
200 100
173 25.5 7.3 47.3
215 43.9 25.7 65.7





#70

Pentachlorophenol

Concen: 96.936 ng

RT: 16.965 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

PB141458BS

Tgt Ion:266 Resp: 132199

Ion Ratio Lower Upper

266 100

268 61.9 50.1 75.1

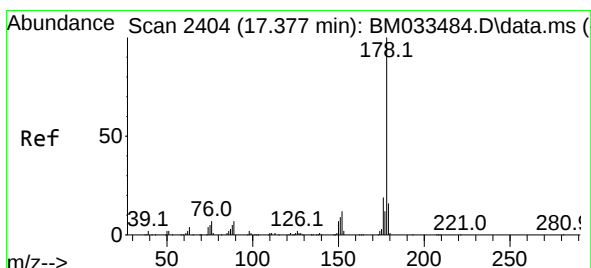
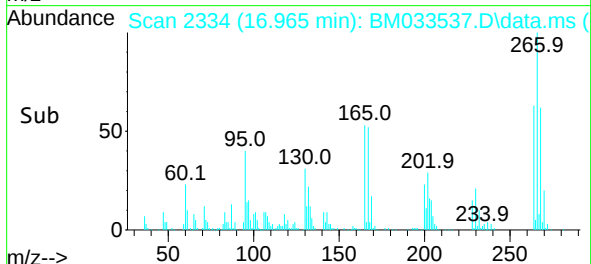
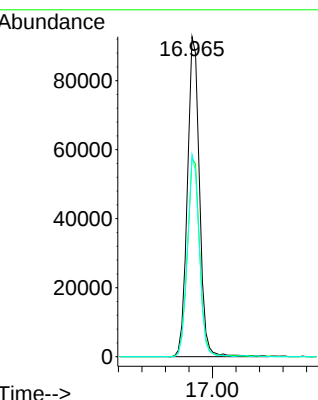
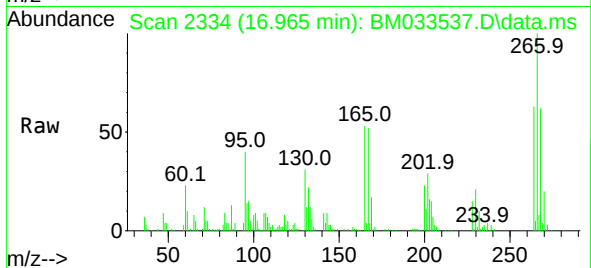
264 63.2 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2021

Supervised By :Jagrut Upadhyay 12/21/2021



#71

Phenanthrene

Concen: 41.178 ng

RT: 17.359 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

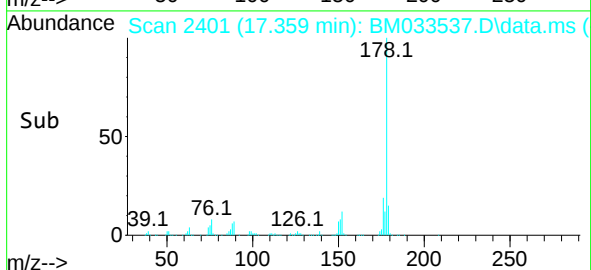
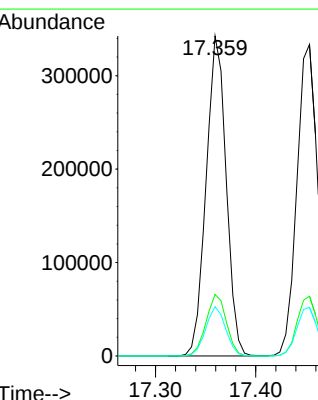
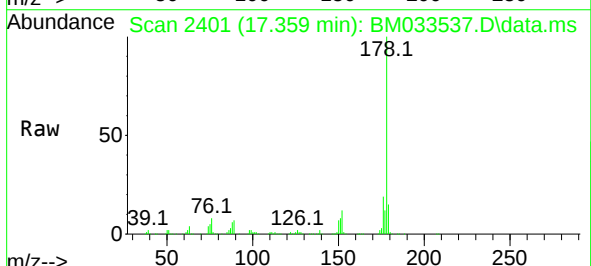
Tgt Ion:178 Resp: 475250

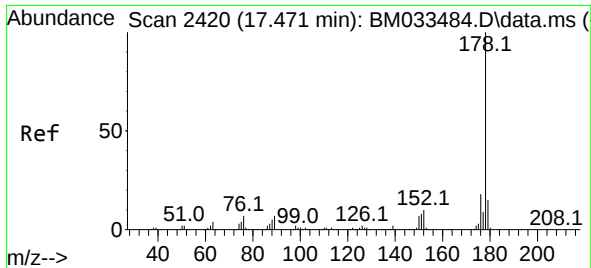
Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

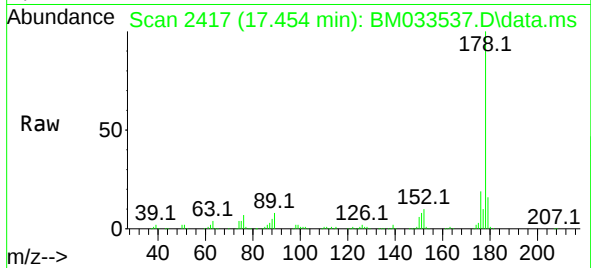
179 15.4 12.0 18.0





#72
 Anthracene
 Concen: 42.399 ng
 RT: 17.454 min Scan# 2417
 Delta R.T. 0.006 min
 Lab File: BM033537.D
 Acq: 20 Dec 2021 13:20

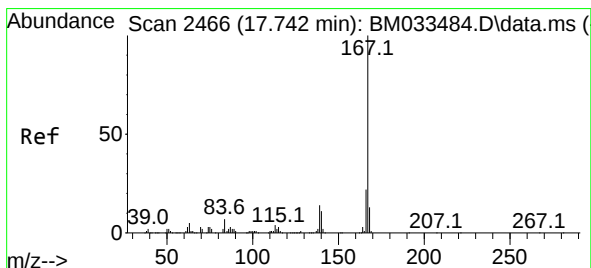
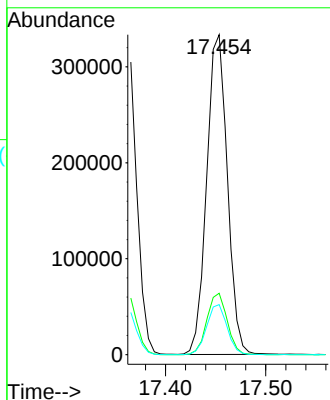
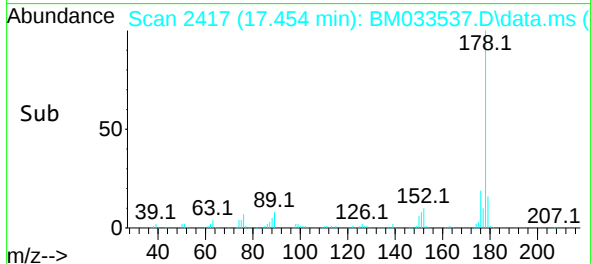
Instrument :
 BNA_M
 ClientSampleId :
 PB141458BS



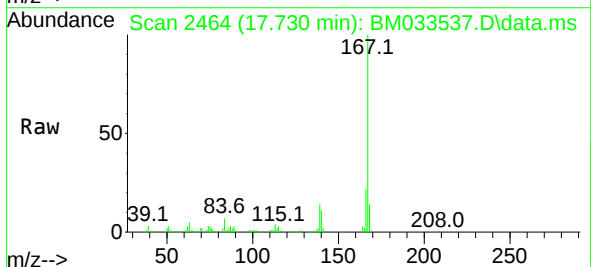
Tgt Ion:178 Resp: 47839
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.5 21.7
 179 15.6 11.9 17.9

Manual Integrations
 APPROVED

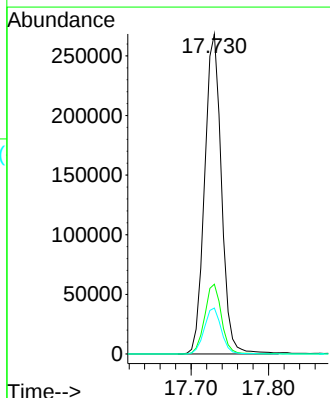
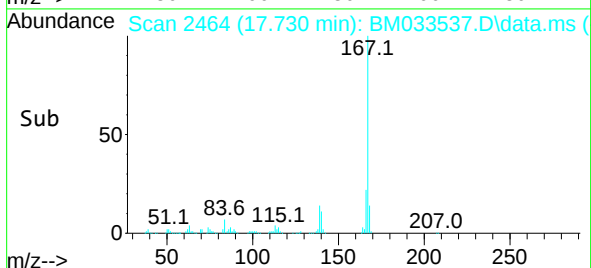
Reviewed By :Christian Giraldo 12/21/2021
 Supervised By :Jagrut Upadhyay 12/21/2021

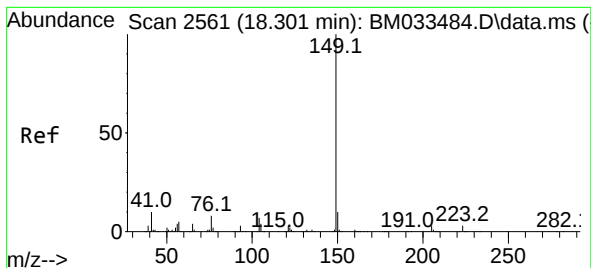


#73
 Carbazole
 Concen: 40.567 ng
 RT: 17.730 min Scan# 2464
 Delta R.T. -0.000 min
 Lab File: BM033537.D
 Acq: 20 Dec 2021 13:20



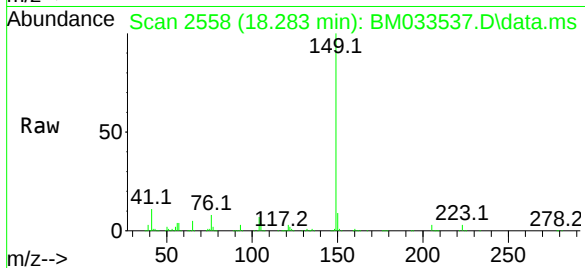
Tgt Ion:167 Resp: 404123
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.3 11.0 16.4





#74
Di-n-butylphthalate
Concen: 42.192 ng
RT: 18.283 min Scan# 2558
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

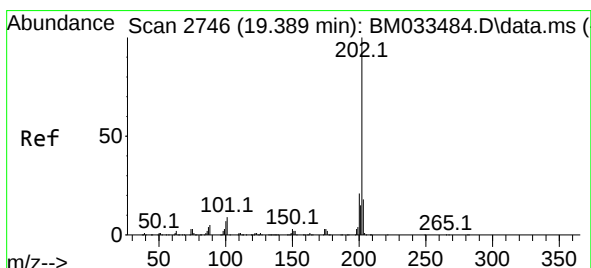
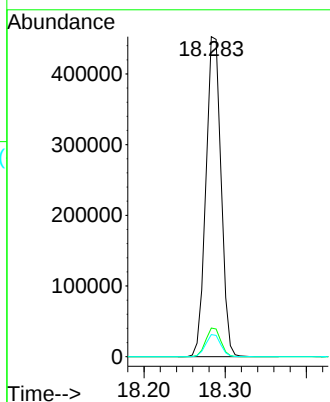
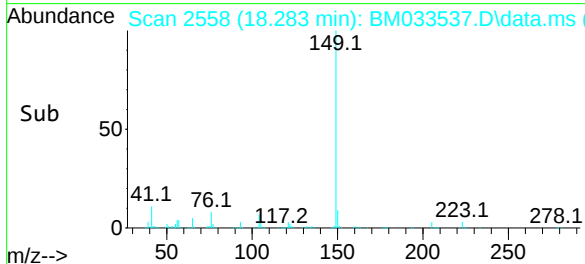
Instrument :
BNA_M
ClientSampleId :
PB141458BS



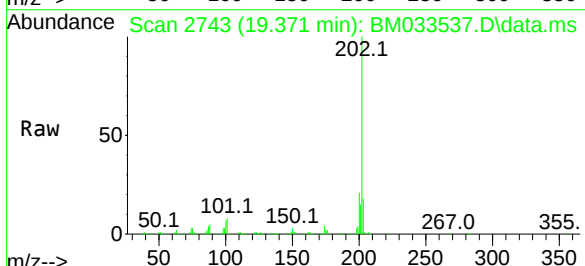
Tgt Ion:149 Resp: 584309
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 6.9 4.6 6.8

Manual Integrations
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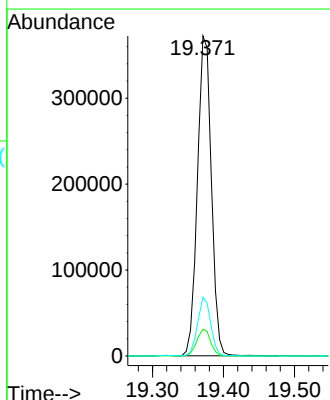
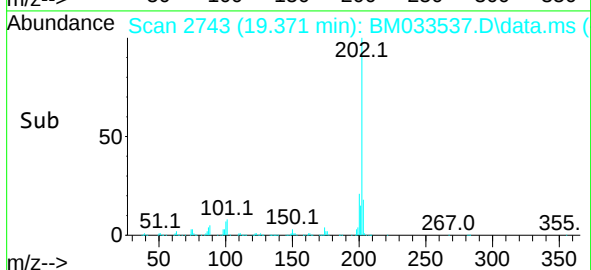
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

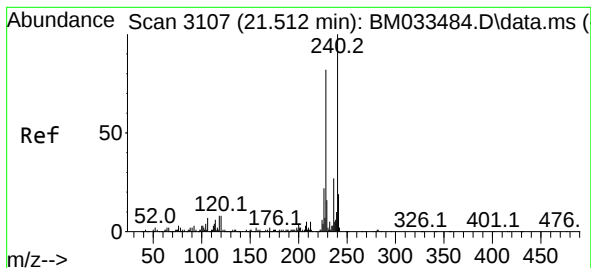


#75
Fluoranthene
Concen: 38.303 ng
RT: 19.371 min Scan# 2743
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:202 Resp: 508530
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.8
203 18.3 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.494 min Scan# 3107

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

PB141458BS

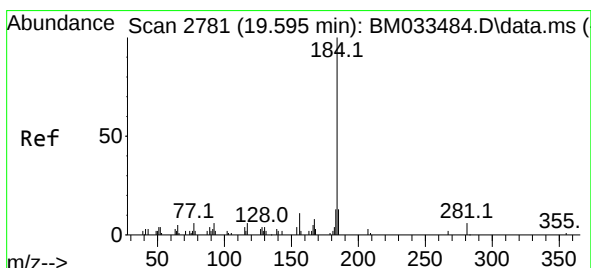
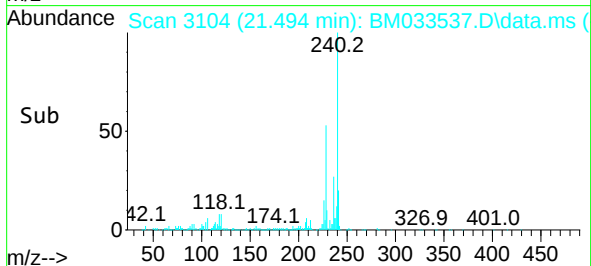
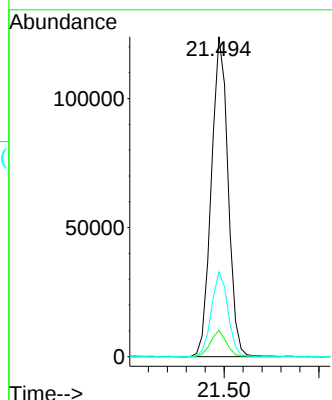
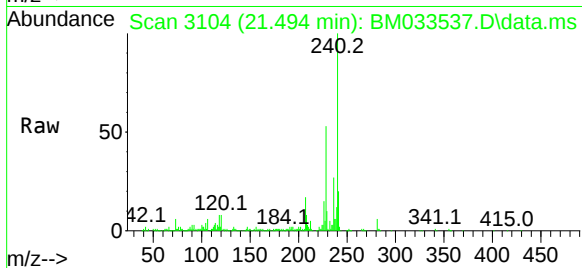
Tgt Ion:240 Resp: 15147

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.8	11.6
236	26.5	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#77

Benzidine

Concen: 165.904 ng

RT: 19.565 min Scan# 2776

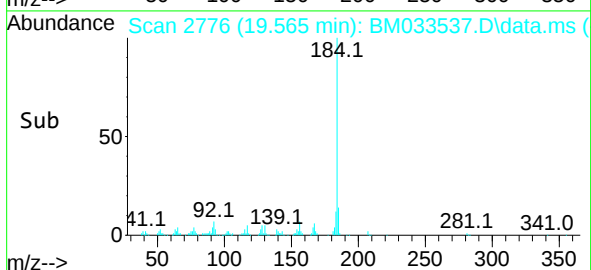
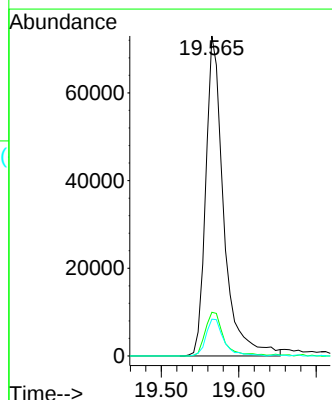
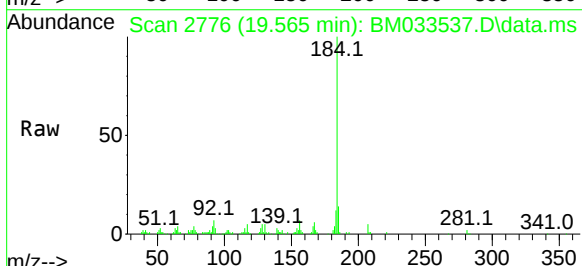
Delta R.T. -0.000 min

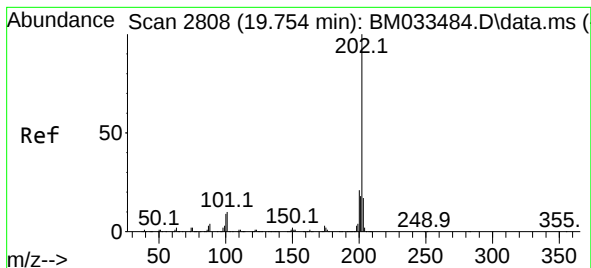
Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Tgt Ion:184 Resp: 117500

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.4	17.0
183	11.5	9.7	14.5





#78

Pyrene

Concen: 42.889 ng

RT: 19.736 min Scan# 2805

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

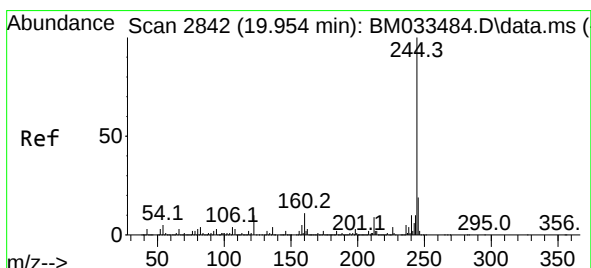
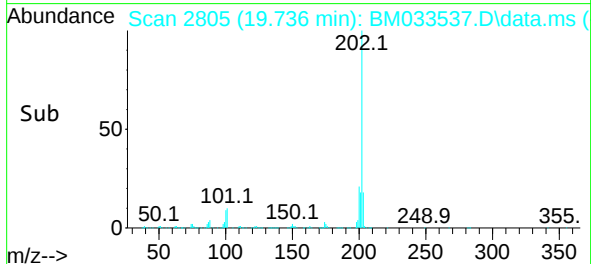
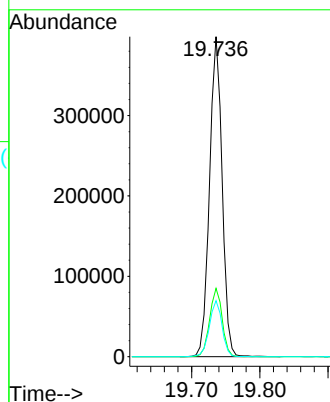
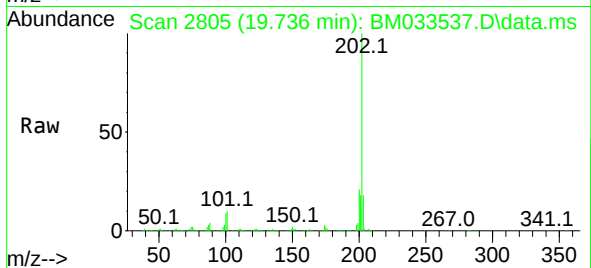
PB141458BS

Tgt Ion:202 Resp: 512578
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.4 24.6
 203 17.5 13.5 20.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2021
 Supervised By :Jagrut Upadhyay 12/21/2021



#79

Terphenyl-d14

Concen: 83.613 ng

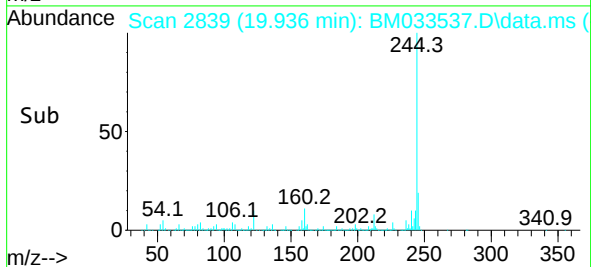
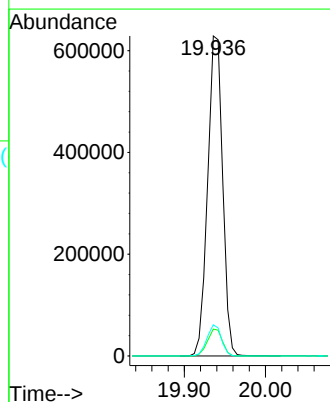
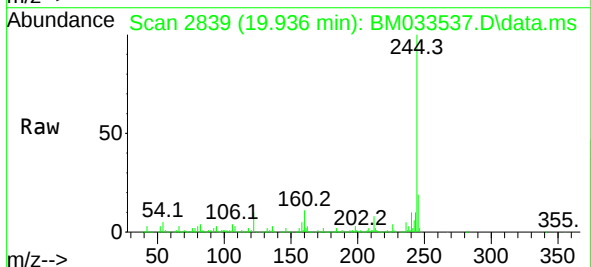
RT: 19.936 min Scan# 2839

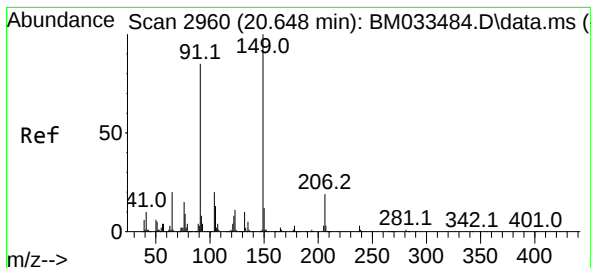
Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Tgt Ion:244 Resp: 804472
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.9 8.9
 122 9.8 8.4 12.6





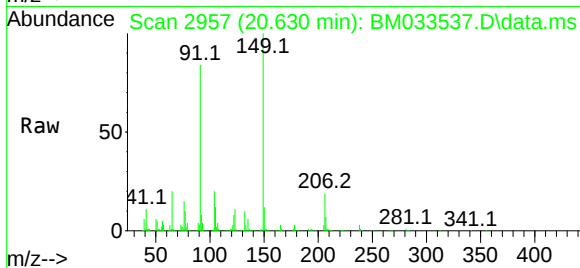
#80
Butylbenzylphthalate
Concen: 42.661 ng
RT: 20.630 min Scan# 2960
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

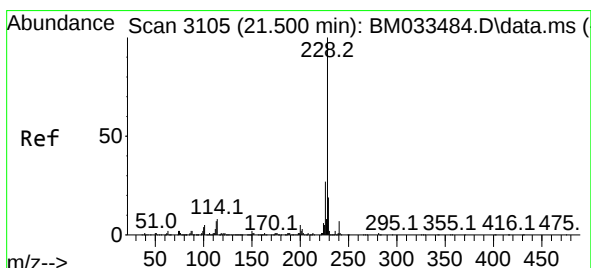
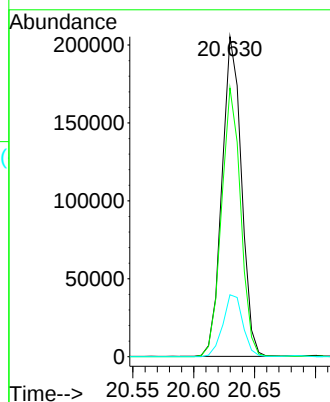
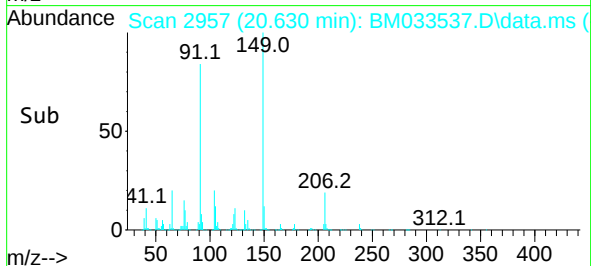
PB141458BS



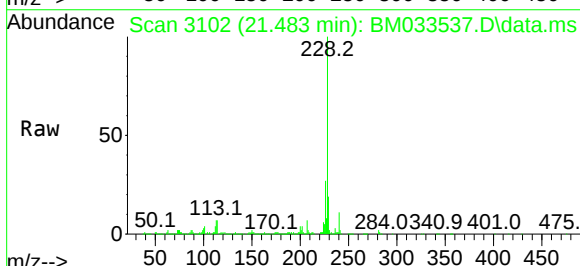
Tgt Ion:149 Resp: 22818
Ion Ratio Lower Upper
149 100
91 84.0 63.4 95.0
206 19.3 16.8 25.2

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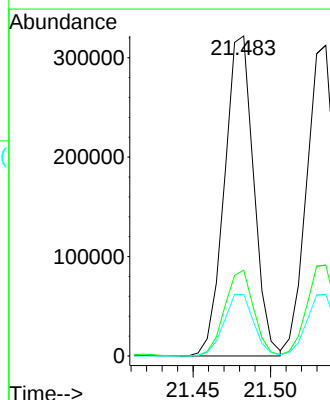
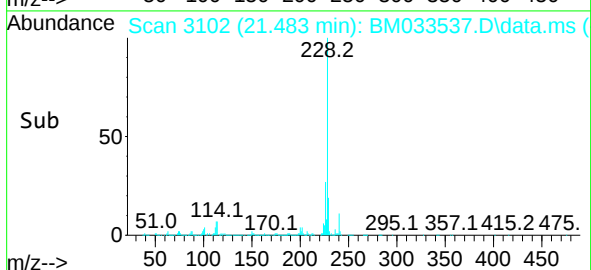
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

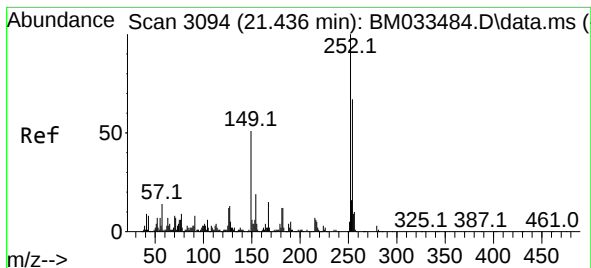


#81
Benzo(a)anthracene
Concen: 41.578 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:228 Resp: 422116
Ion Ratio Lower Upper
228 100
226 26.8 21.0 31.6
229 19.3 15.5 23.3





#82

3,3'-Dichlorobenzidine

Concen: 31.707 ng

RT: 21.418 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

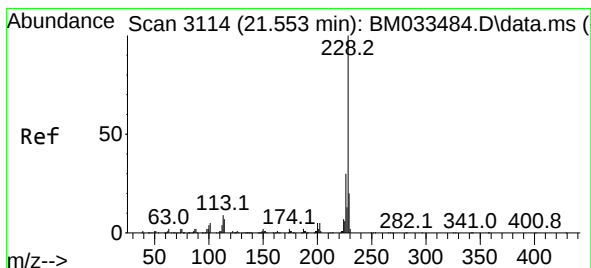
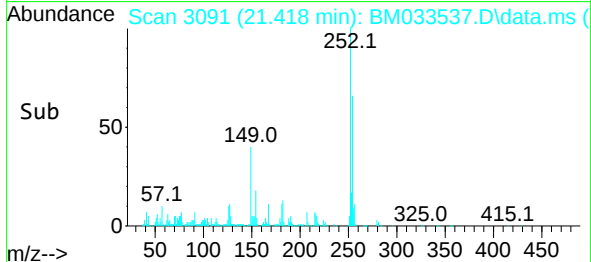
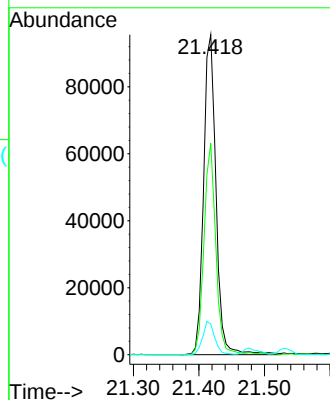
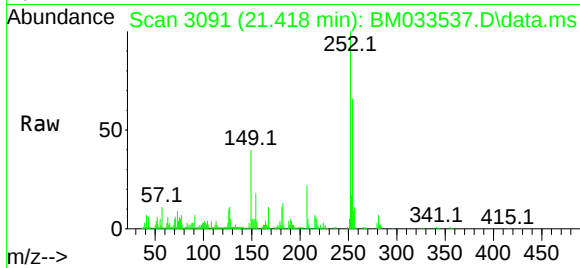
PB141458BS

Tgt Ion:	252	Resp:	126209
Ion Ratio	Lower	Upper	
252	100		
254	66.1	50.9	76.3
126	9.6	8.8	13.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#83

Chrysene

Concen: 41.868 ng

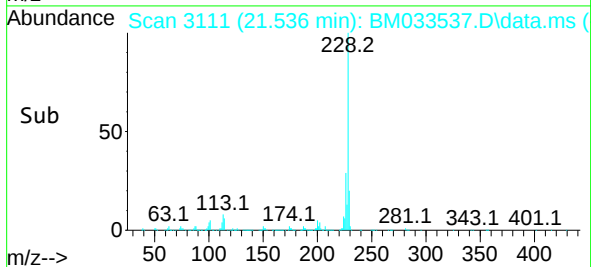
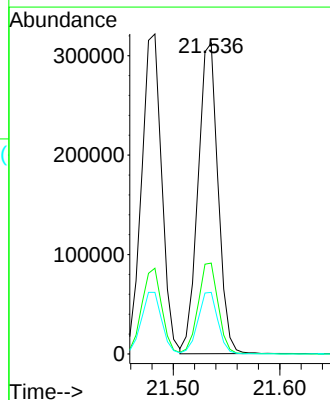
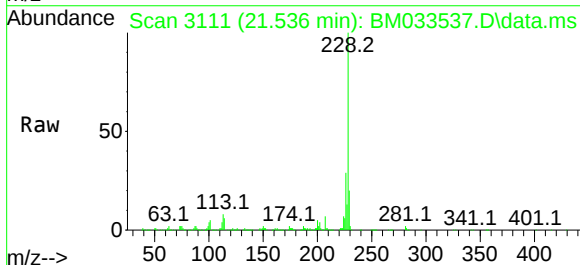
RT: 21.536 min Scan# 3111

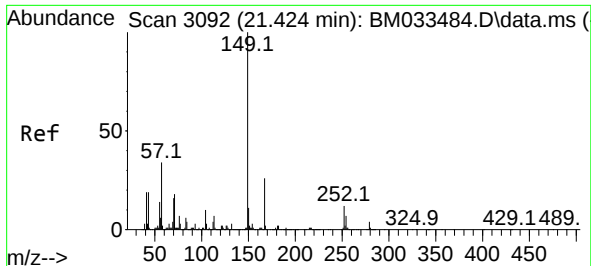
Delta R.T. 0.006 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

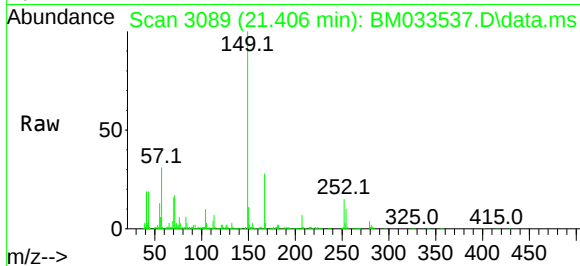
Tgt Ion:	228	Resp:	409262
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.8	35.8
229	19.8	15.8	23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 42.095 ng
RT: 21.406 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

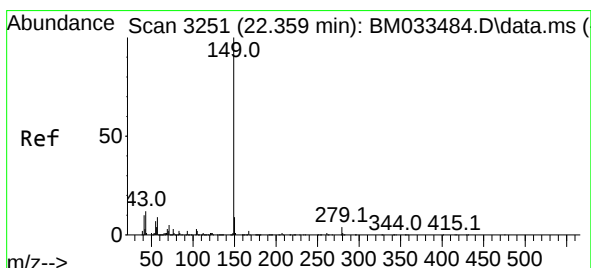
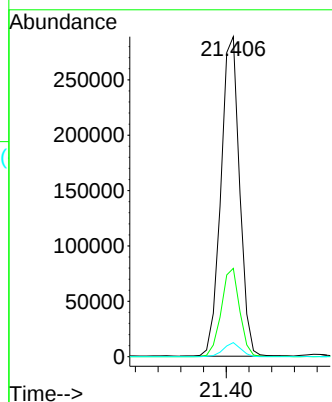
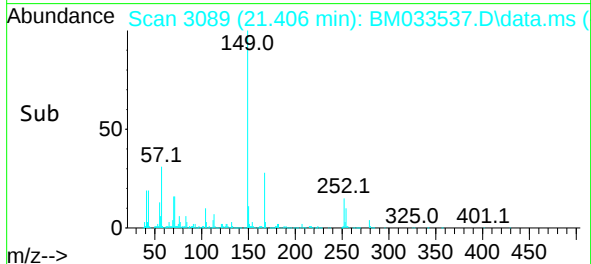
Instrument :
BNA_M
ClientSampleId :
PB141458BS



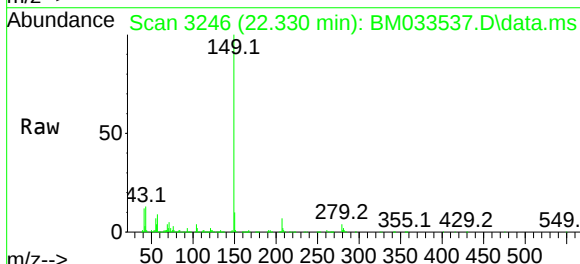
Tgt Ion:149 Resp: 330010
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 4.4 3.0 4.6

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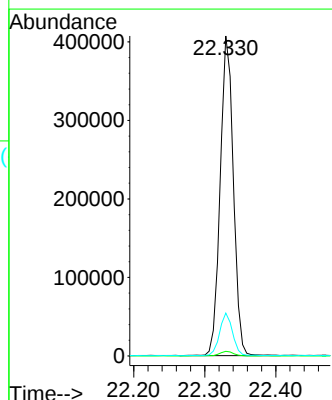
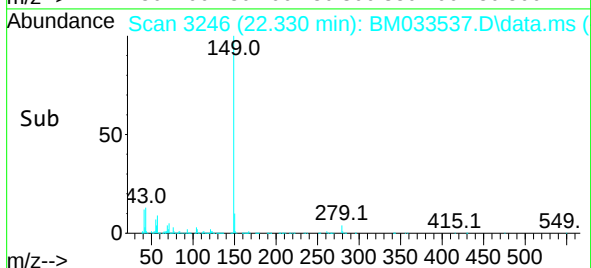
Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

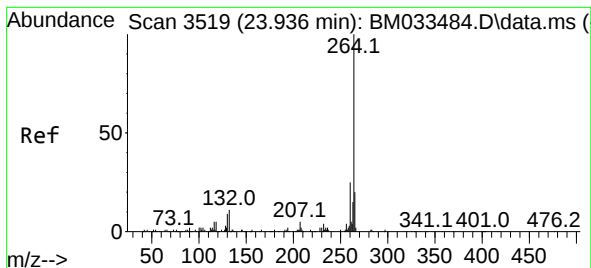


#85
Di-n-octyl phthalate
Concen: 40.853 ng
RT: 22.330 min Scan# 3246
Delta R.T. -0.000 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20



Tgt Ion:149 Resp: 520630
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.1 10.4 15.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.900 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

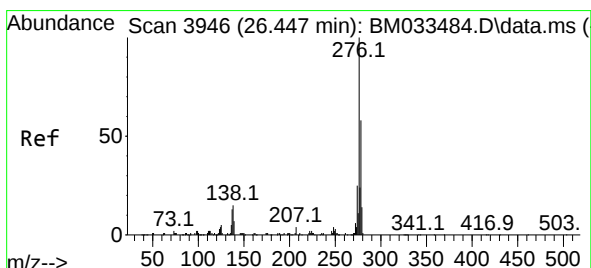
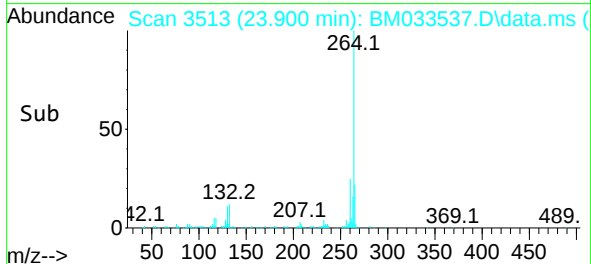
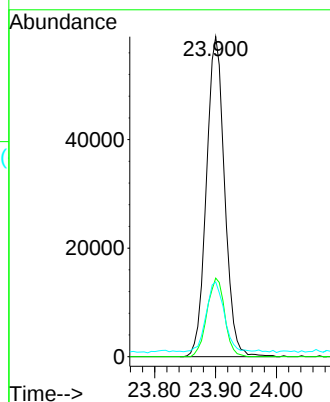
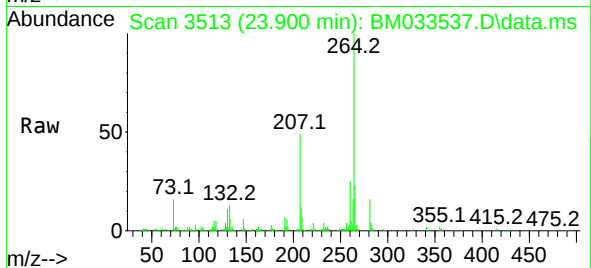
PB141458BS

Tgt Ion:	264	Resp:	12257
Ion Ratio	Lower	Upper	
264	100		
260	24.5	17.7	26.5
265	23.3	17.7	26.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021



#87

Indeno(1,2,3-cd)pyrene

Concen: 65.861 ng

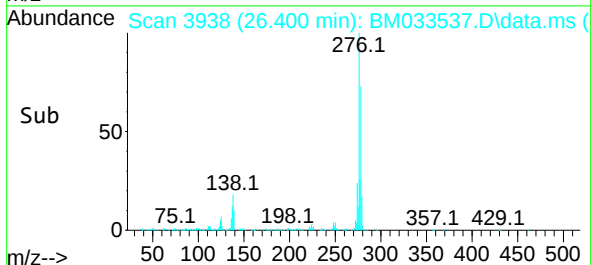
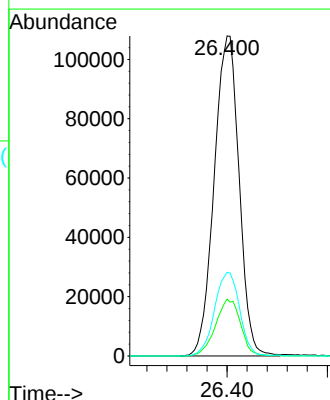
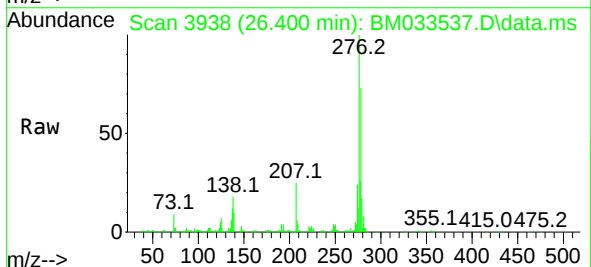
RT: 26.400 min Scan# 3938

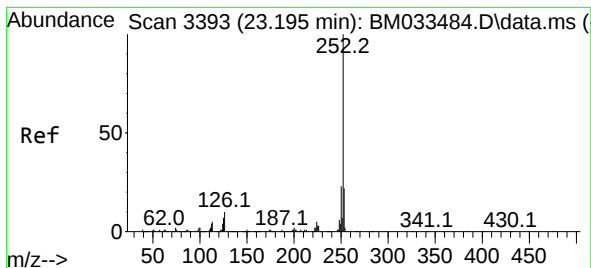
Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Tgt Ion:	276	Resp:	372206
Ion Ratio	Lower	Upper	
276	100		
138	17.8	18.7	28.1#
277	26.3	20.2	30.4





#88

Benzo(b)fluoranthene

Concen: 48.804 ng

RT: 23.165 min Scan# 3388

Delta R.T. -0.000 min

Lab File: BM033537.D

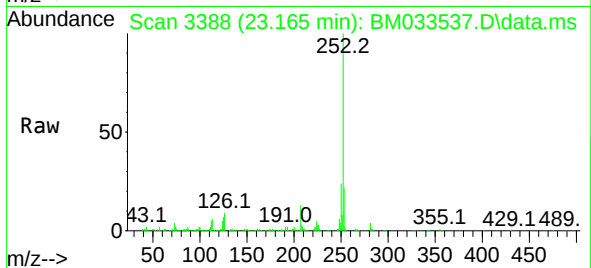
Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

PB141458BS



Tgt Ion:252 Resp: 383609

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

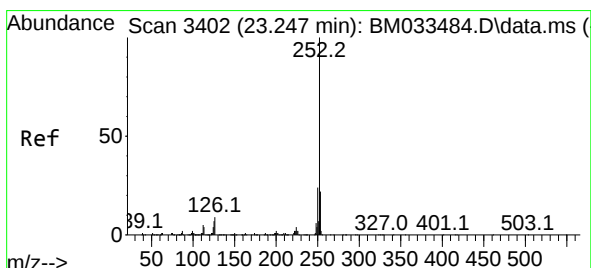
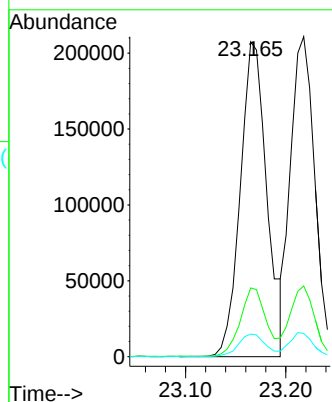
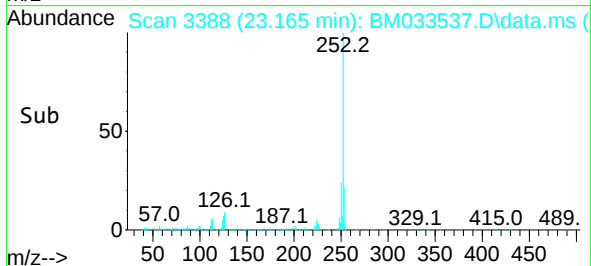
125 7.2 7.4 11.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2021

Supervised By :Jagrut Upadhyay 12/21/2021



#89

Benzo(k)fluoranthene

Concen: 44.317 ng

RT: 23.218 min Scan# 3397

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

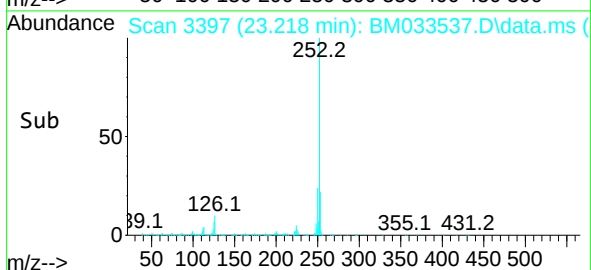
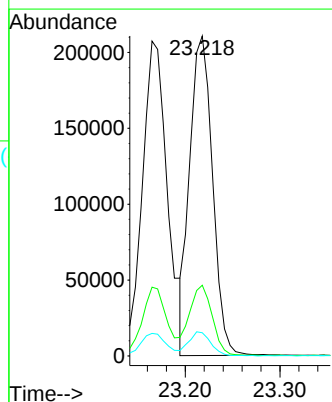
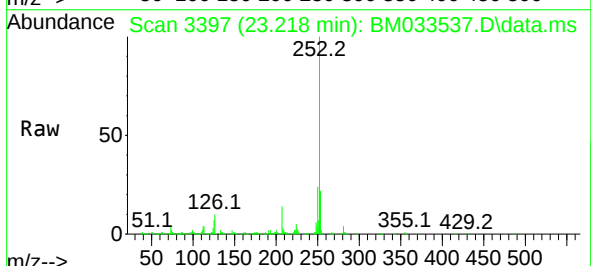
Tgt Ion:252 Resp: 352342

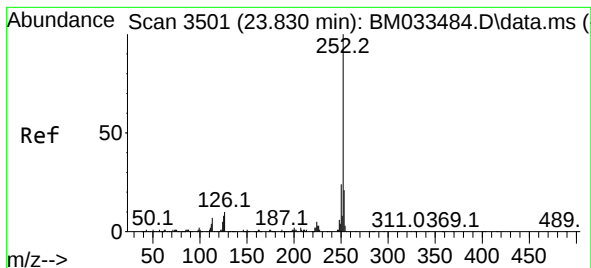
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 7.3 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 58.870 ng

RT: 23.794 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

Instrument :

BNA_M

ClientSampleId :

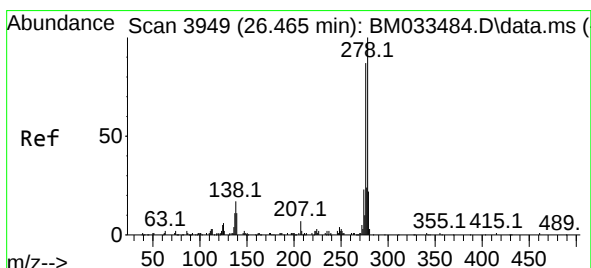
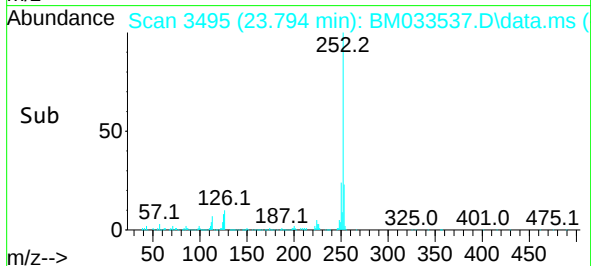
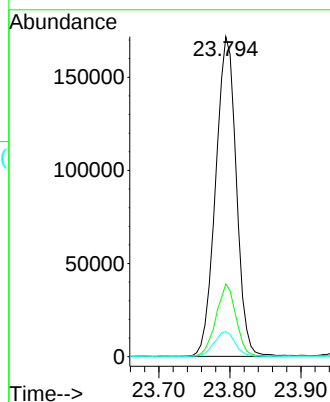
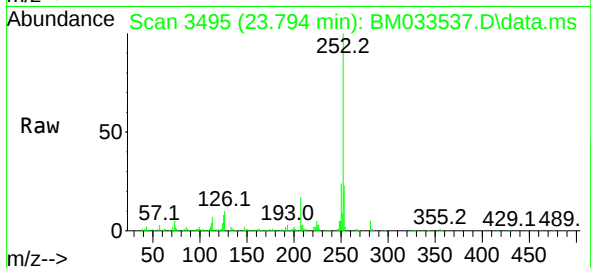
PB141458BS

Tgt Ion:252 Resp: 346274
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.5 26.3
 125 7.8 7.8 11.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2021
 Supervised By :Jagrut Upadhyay 12/21/2021



#91

Dibenzo(a,h)anthracene

Concen: 76.489 ng

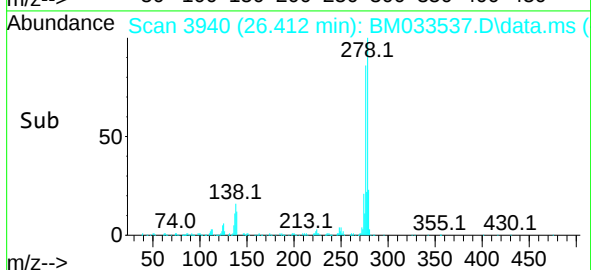
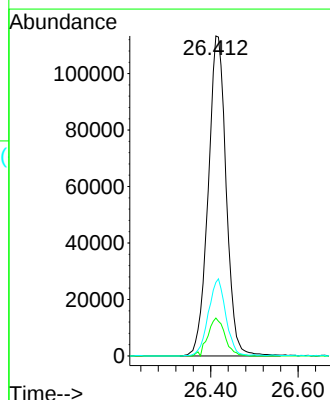
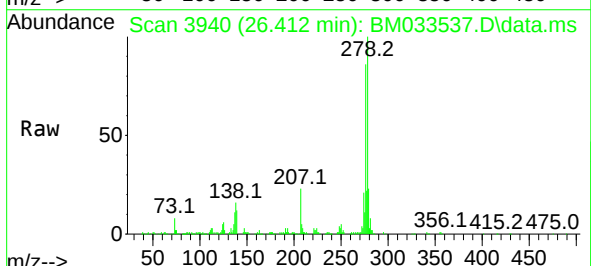
RT: 26.412 min Scan# 3940

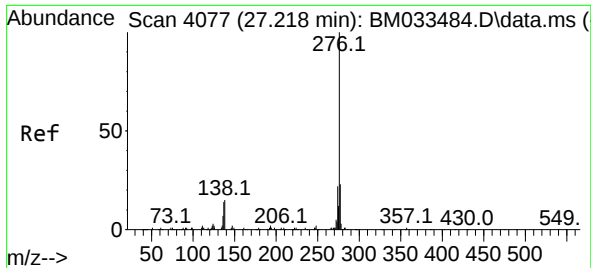
Delta R.T. -0.006 min

Lab File: BM033537.D

Acq: 20 Dec 2021 13:20

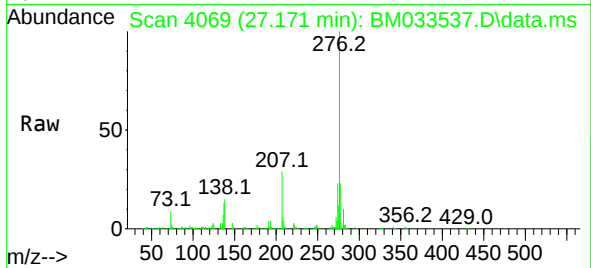
Tgt Ion:278 Resp: 324226
 Ion Ratio Lower Upper
 278 100
 139 11.8 10.9 16.3
 279 23.0 17.7 26.5





#92
Benzo(g,h,i)perylene
Concen: 59.874 ng
RT: 27.171 min Scan# 4069
Delta R.T. 0.006 min
Lab File: BM033537.D
Acq: 20 Dec 2021 13:20

Instrument :
BNA_M
ClientSampleId :
PB141458BS



Tgt Ion:276 Resp: 326370
Ion Ratio Lower Upper
276 100
277 22.7 19.1 28.7
138 15.2 14.8 22.2

Manual Integrations
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Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

