

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
 Data File : BM033491.D
 Acq On : 16 Dec 2021 19:12
 Operator : CG/JU
 Sample : PB141339BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141339BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/17/2021
 Supervised By : Jagrut Upadhyay 12/17/2021

Quant Time: Dec 17 08:00:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	31451	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	134267	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	89986	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	165659	20.000	ng	# 0.00
76) Chrysene-d12	21.512	240	106421	20.000	ng	0.00
86) Perylene-d12	23.930	264	82776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	173369	95.118	ng	0.00
7) Phenol-d6	7.113	99	220123	89.992	ng	0.00
23) Nitrobenzene-d5	9.113	82	277523	88.750	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	81184	80.202	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	577465	88.770	ng	0.00
79) Terphenyl-d14	19.954	244	694426	102.729	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	23964	35.162	ng	# 91
3) Pyridine	3.802	79	57518	29.624	ng	# 89
4) n-Nitrosodimethylamine	3.708	42	64853	46.958	ng	82
6) Aniline	7.266	93	138908	49.725	ng	97
8) 2-Chlorophenol	7.501	128	94000	47.574	ng	98
9) Benzaldehyde	7.084	77	78276	53.800	ng	97
10) Phenol	7.137	94	119189	48.233	ng	83
11) bis(2-Chloroethyl)ether	7.366	93	89260	45.842	ng	95
12) 1,3-Dichlorobenzene	7.825	146	106353	44.305	ng	94
13) 1,4-Dichlorobenzene	7.972	146	110008	44.656	ng	97
14) 1,2-Dichlorobenzene	8.290	146	105700	43.738	ng	98
15) Benzyl Alcohol	8.190	79	107302m	48.671	ng	
16) 2,2'-oxybis(1-Chloropr...	8.472	45	158917	45.902	ng	100
17) 2-Methylphenol	8.390	107	83816	47.727	ng	93
18) Hexachloroethane	9.019	117	46007	44.821	ng	94
19) n-Nitroso-di-n-propyla...	8.760	70	88406	45.844	ng	93
20) 3+4-Methylphenols	8.725	107	113225	48.333	ng	94
22) Acetophenone	8.778	105	165570	45.547	ng	93
24) Nitrobenzene	9.154	77	141328	46.012	ng	98
25) Isophorone	9.690	82	219591	43.374	ng	98
26) 2-Nitrophenol	9.866	139	51201	47.725	ng	# 83
27) 2,4-Dimethylphenol	9.925	122	90706	51.446	ng	90
28) bis(2-Chloroethoxy)met...	10.166	93	122950	44.213	ng	99
29) 2,4-Dichlorophenol	10.401	162	95327	47.402	ng	100
30) 1,2,4-Trichlorobenzene	10.613	180	110815	43.457	ng	97
31) Naphthalene	10.801	128	323962	44.540	ng	100
32) Benzoic acid	10.084	122	52824	43.270	ng	92
33) 4-Chloroaniline	10.919	127	90884	38.624	ng	96
34) Hexachlorobutadiene	11.078	225	74839	42.095	ng	99
35) Caprolactam	11.736	113	25178	63.376	ng	98
36) 4-Chloro-3-methylphenol	12.048	107	110456	42.793	ng	99
37) 2-Methylnaphthalene	12.413	142	237026	47.110	ng	96
38) 1-Methylnaphthalene	12.631	142	217981m	43.434	ng	
40) 1,2,4,5-Tetrachloroben...	12.778	216	126609	48.842	ng	# 96
41) Hexachlorocyclopentadiene	12.748	237	165679	147.794	ng	97
43) 2,4,6-Trichlorophenol	13.019	196	78739	45.425	ng	97

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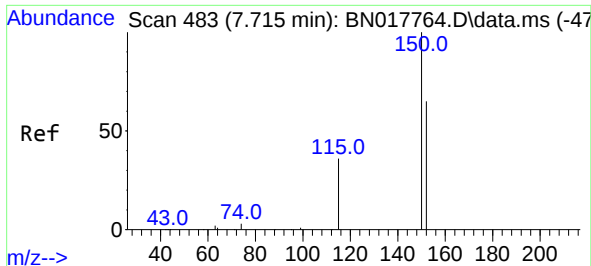
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	84499	45.679	ng	98
46) 1,1'-Biphenyl	13.419	154	315414	47.336	ng	99
47) 2-Chloronaphthalene	13.466	162	237507	46.111	ng	97
48) 2-Nitroaniline	13.678	65	79964	45.569	ng	94
49) Acenaphthylene	14.307	152	369403	45.267	ng	98
50) Dimethylphthalate	14.048	163	280732	41.187	ng	100
51) 2,6-Dinitrotoluene	14.172	165	58440	45.367	ng	# 82
52) Acenaphthene	14.648	154	221776	44.748	ng	98
53) 3-Nitroaniline	14.507	138	42178	34.911	ng	98
54) 2,4-Dinitrophenol	14.707	184	50694	75.165	ng	# 85
55) Dibenzofuran	14.983	168	359515	42.804	ng	93
56) 4-Nitrophenol	14.813	139	76841	79.735	ng	# 73
57) 2,4-Dinitrotoluene	14.954	165	79377	45.058	ng	91
58) Fluorene	15.636	166	290051	43.031	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.213	232	70616	41.958	ng	94
60) Diethylphthalate	15.407	149	305119	41.629	ng	98
61) 4-Chlorophenyl-phenyle...	15.630	204	150068	42.883	ng	94
62) 4-Nitroaniline	15.666	138	48453	39.019	ng	# 72
63) Azobenzene	15.919	77	350457	42.620	ng	95
65) 4,6-Dinitro-2-methylph...	15.719	198	36451	43.267	ng	99
66) n-Nitrosodiphenylamine	15.848	169	242863	49.383	ng	98
67) 4-Bromophenyl-phenylether	16.524	248	84580	46.794	ng	# 90
68) Hexachlorobenzene	16.630	284	91588	47.190	ng	92
69) Atrazine	16.801	200	82754	79.367	ng	98
70) Pentachlorophenol	16.983	266	105647	96.971	ng	96
71) Phenanthrene	17.377	178	425719	46.174	ng	99
72) Anthracene	17.465	178	427664	47.446	ng	99
73) Carbazole	17.742	167	340885	42.835	ng	99
74) Di-n-butylphthalate	18.301	149	483570	43.710	ng	# 98
75) Fluoranthene	19.389	202	428136	40.367	ng	98
77) Benzidine	19.583	184	162850	327.277	ng	99
78) Pyrene	19.754	202	432561	51.515	ng	99
80) Butylbenzylphthalate	20.648	149	175003	46.569	ng	96
81) Benzo(a)anthracene	21.495	228	317873	44.565	ng	98
82) 3,3'-Dichlorobenzidine	21.436	252	95305	34.079	ng	99
83) Chrysene	21.548	228	312338	45.480	ng	98
84) Bis(2-ethylhexyl)phtha...	21.418	149	252216	45.791	ng	99
85) Di-n-octyl phthalate	22.353	149	393733	43.974	ng	99
87) Indeno(1,2,3-cd)pyrene	26.441	276	185633	48.642	ng	# 93
88) Benzo(b)fluoranthene	23.189	252	256631	48.349	ng	98
89) Benzo(k)fluoranthene	23.242	252	234448m	43.667	ng	
90) Benzo(a)pyrene	23.824	252	214542	54.012	ng	98
91) Dibenzo(a,h)anthracene	26.453	278	136213	47.585	ng	97
92) Benzo(g,h,i)perylene	27.212	276	186642	50.704	ng	96

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



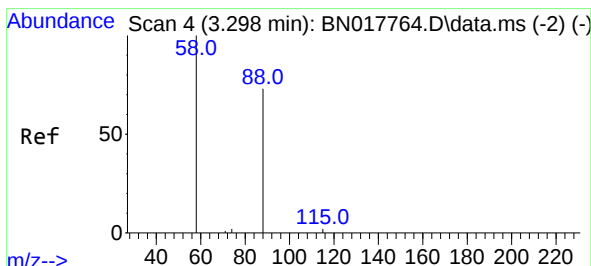
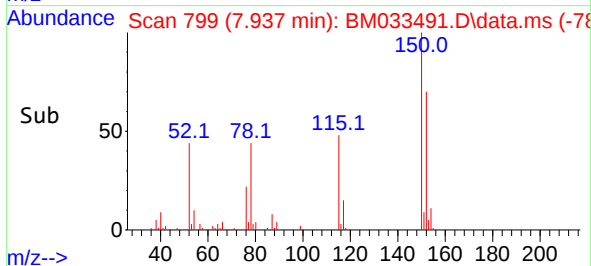
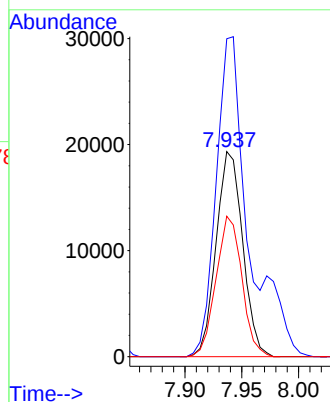
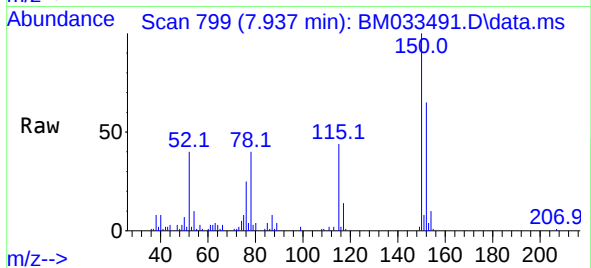
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 74
Delta R.T. -0.006 min
Lab File: BM033491.D
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ClientSampleId :
PB141339BS

Tgt Ion:152 Resp: 3145
Ion Ratio Lower Upper
152 100
150 155.0 128.9 193.3
115 68.5 53.0 79.6

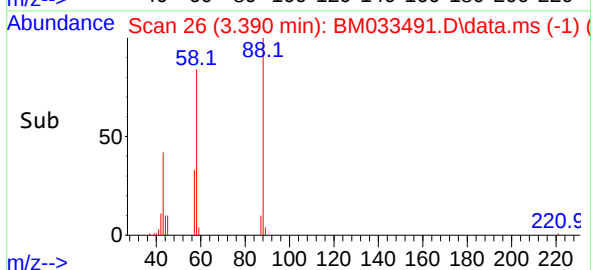
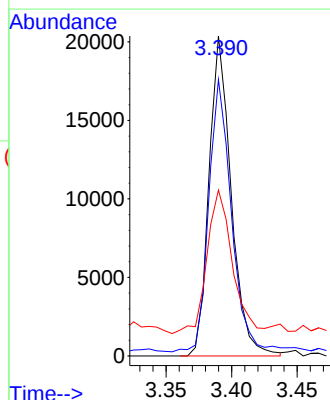
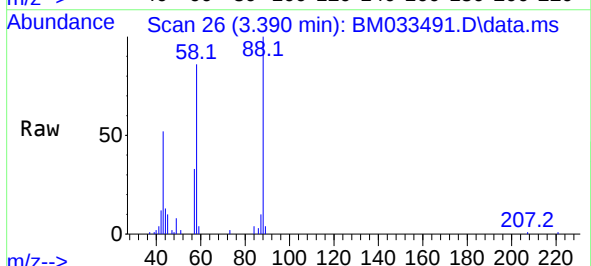
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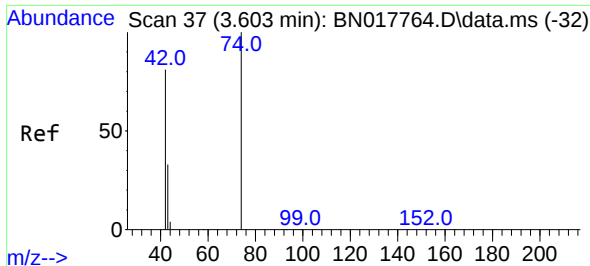
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#2
1,4-Dioxane
Concen: 35.162 ng
RT: 3.390 min Scan# 26
Delta R.T. 0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion: 88 Resp: 23964
Ion Ratio Lower Upper
88 100
58 87.7 67.0 100.4
43 51.1 31.6 47.4#





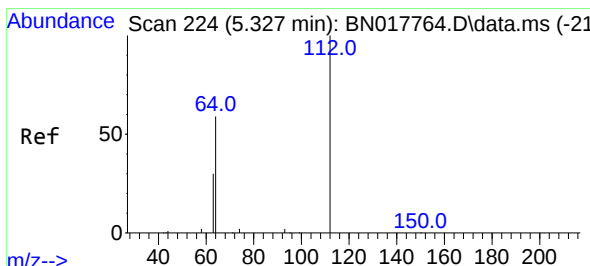
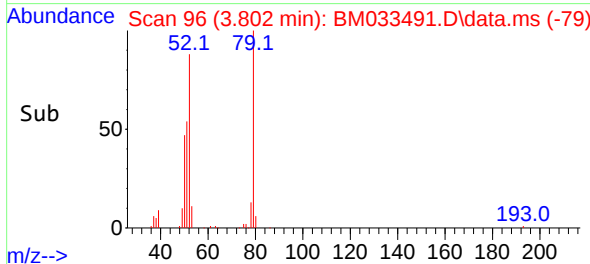
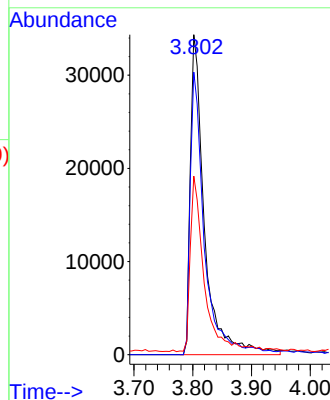
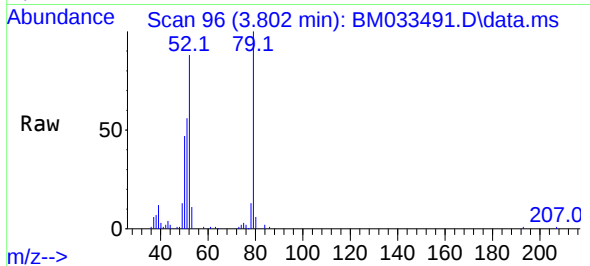
#3
Pyridine
Concen: 29.624 ng
RT: 3.802 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

Tgt Ion: 79 Resp: 57518
Ion Ratio Lower Upper
79 100
52 88.3 65.4 98.2
51 55.8 34.8 52.2

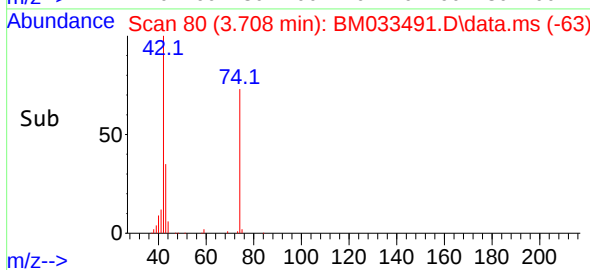
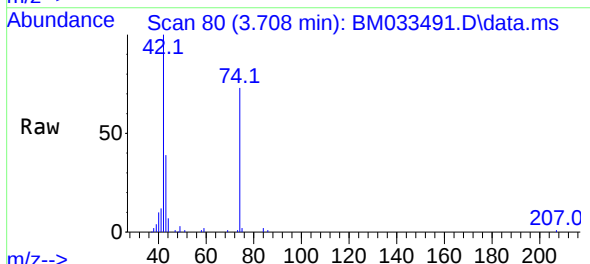
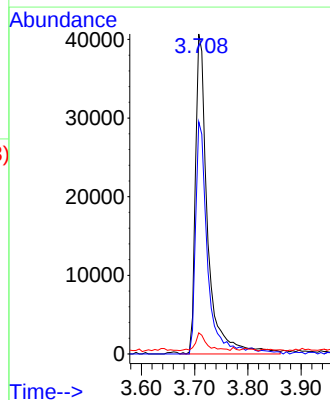
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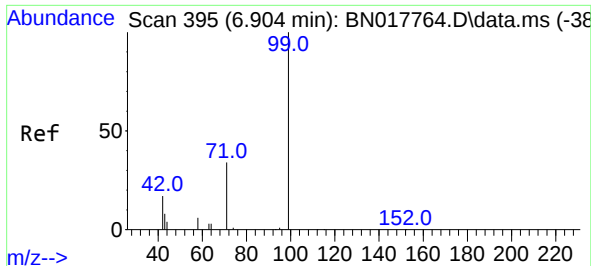
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#4
n-Nitrosodimethylamine
Concen: 46.958 ng
RT: 3.708 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

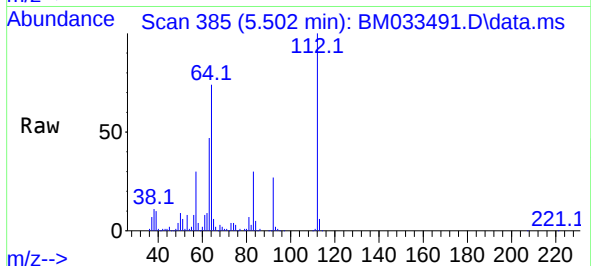
Tgt Ion: 42 Resp: 64853
Ion Ratio Lower Upper
42 100
74 72.5 72.5 108.7
44 6.6 5.4 8.2





#5
2-Fluorophenol
Concen: 95.118 ng
RT: 5.502 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

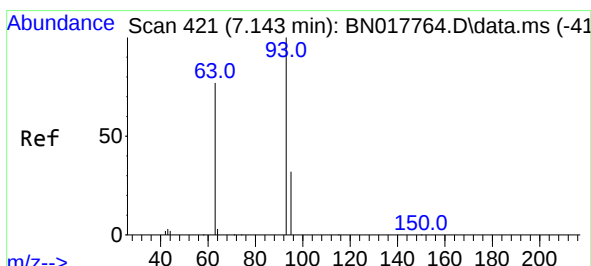
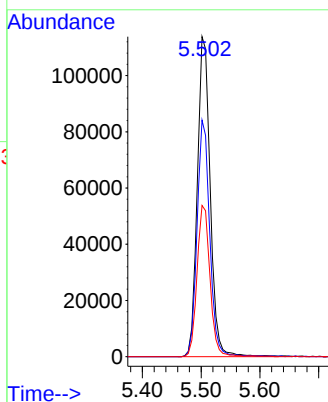
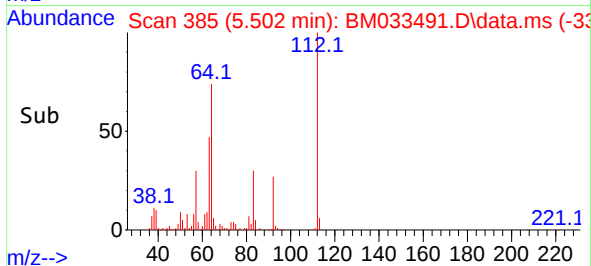
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Tgt Ion:112 Resp: 173369
Ion Ratio Lower Upper
112 100
64 73.9 55.5 83.3
63 47.3 31.3 46.9

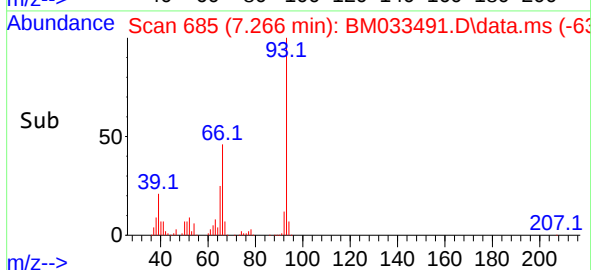
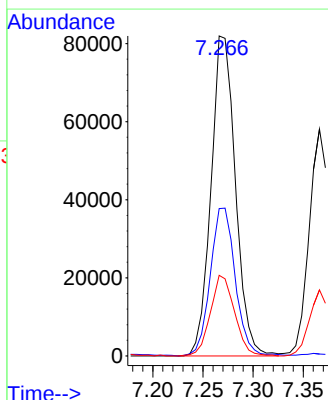
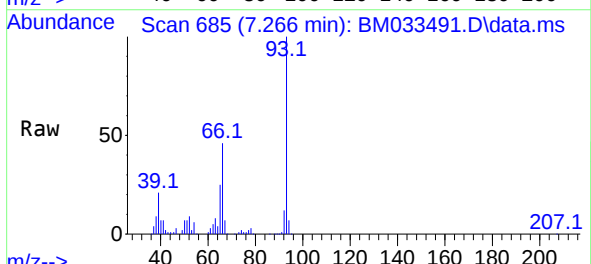
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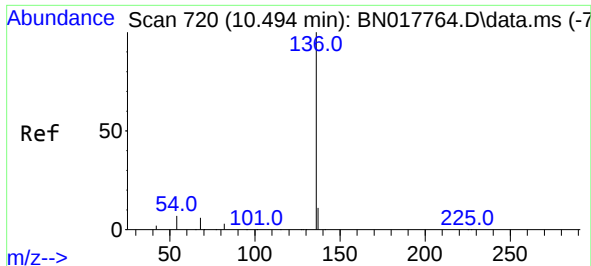
Reviewed By :Christian Giraldo 12/17/2021
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#6
Aniline
Concen: 49.725 ng
RT: 7.266 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

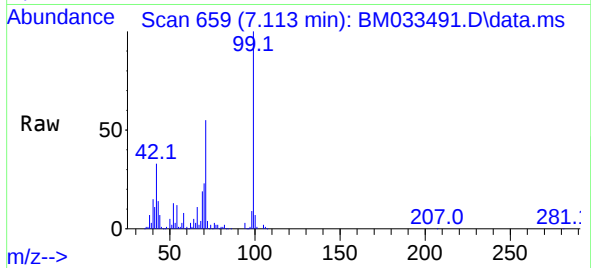
Tgt Ion: 93 Resp: 138908
Ion Ratio Lower Upper
93 100
66 46.0 36.0 54.0
65 25.2 18.2 27.4





#7
Phenol-d6
Concen: 89.992 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

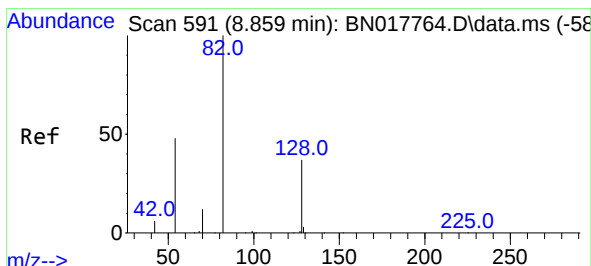
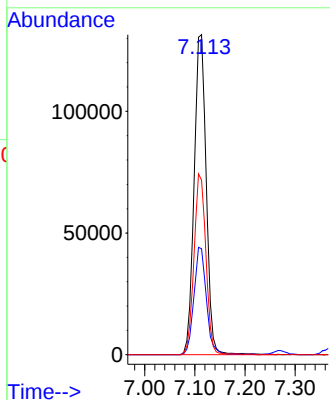
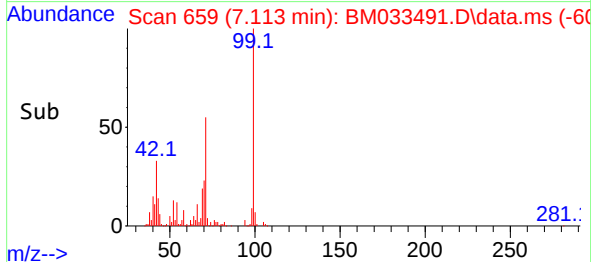
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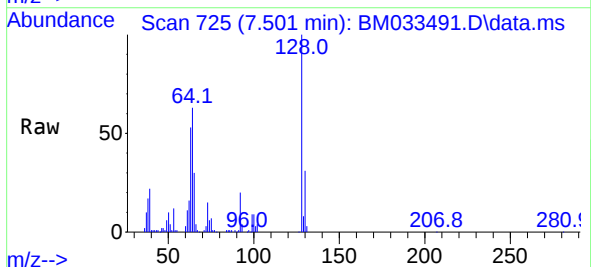
Tgt Ion: 99 Resp: 22012
Ion Ratio Lower Upper
99 100
42 33.1 20.3 30.5
71 54.6 34.5 51.7

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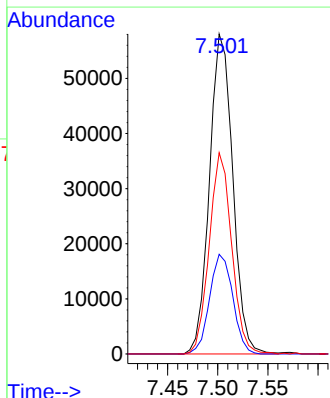
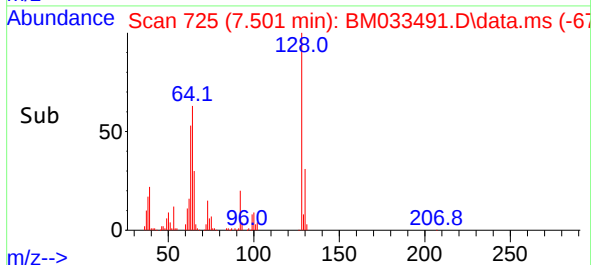
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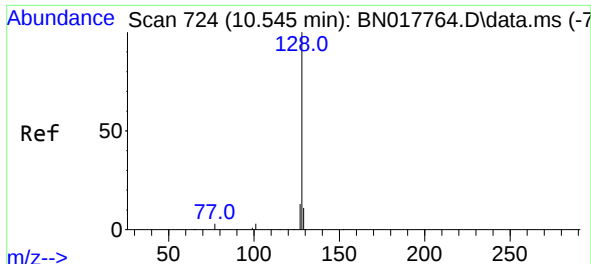


#8
2-Chlorophenol
Concen: 47.574 ng
RT: 7.501 min Scan# 725
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



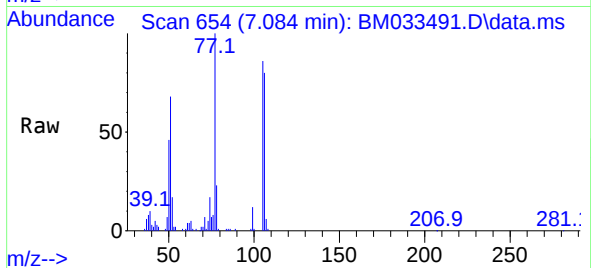
Tgt Ion:128 Resp: 94000
Ion Ratio Lower Upper
128 100
130 31.2 10.9 50.9
64 62.9 40.6 80.6





#9
Benzaldehyde
Concen: 53.800 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

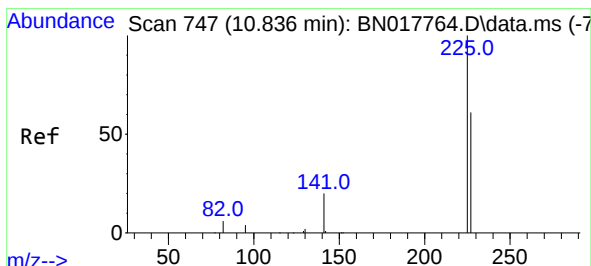
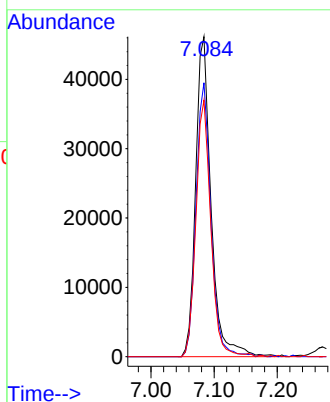
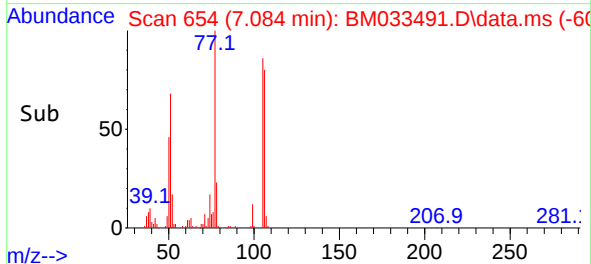
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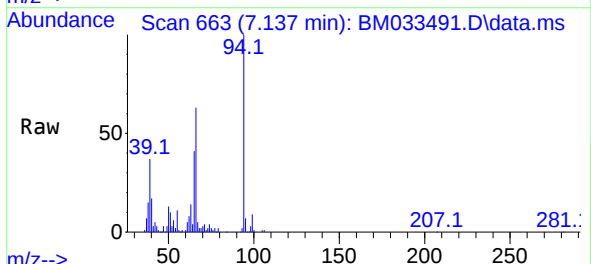
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Ion Ratio Lower Upper
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105 85.6 67.1 107.1
106 80.2 64.3 104.3

Manual Integrations
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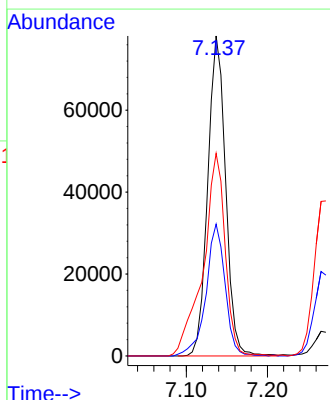
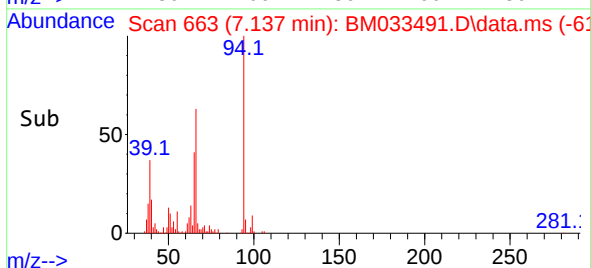
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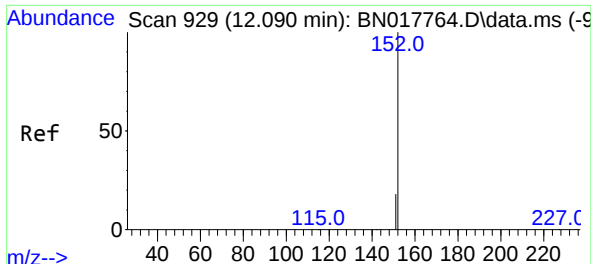


#10
Phenol
Concen: 48.233 ng
RT: 7.137 min Scan# 663
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



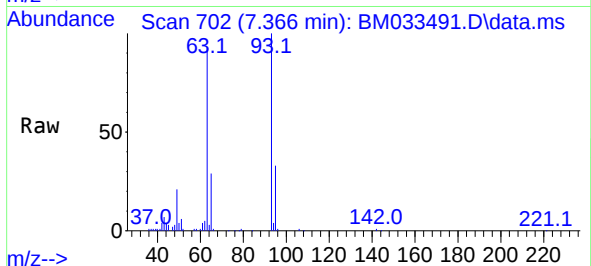
Tgt Ion: 94 Resp: 119189
Ion Ratio Lower Upper
94 100
65 41.2 15.5 55.5
66 63.3 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 45.842 ng
RT: 7.366 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

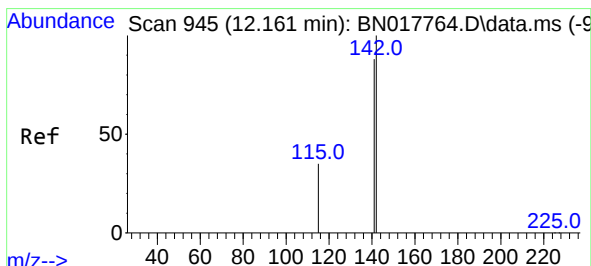
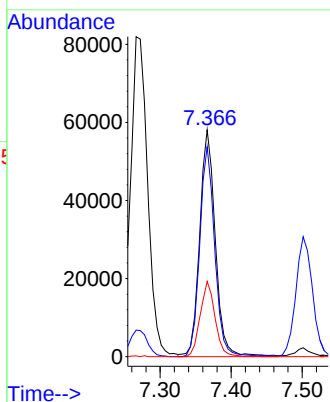
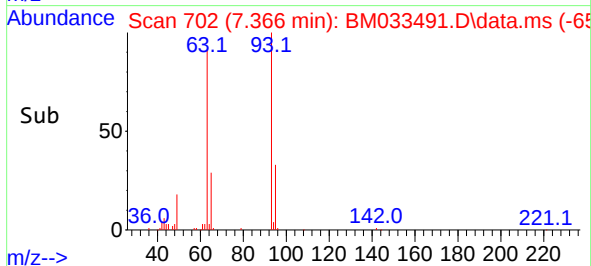
Instrument :
BNA_M
ClientSampleId :
PB141339BS



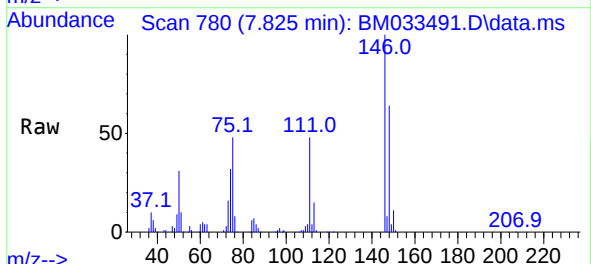
Tgt Ion: 93 Resp: 89260
Ion Ratio Lower Upper
93 100
63 92.5 67.0 107.0
95 33.2 11.6 51.6

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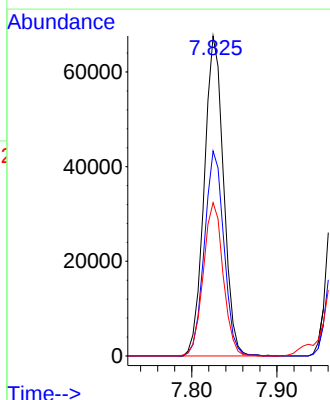
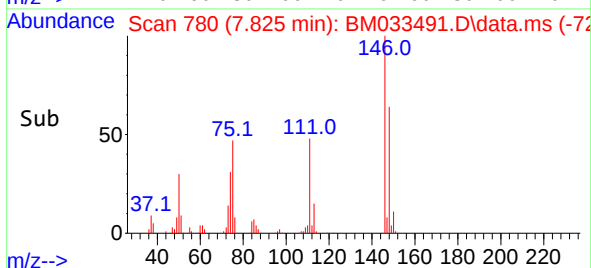
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

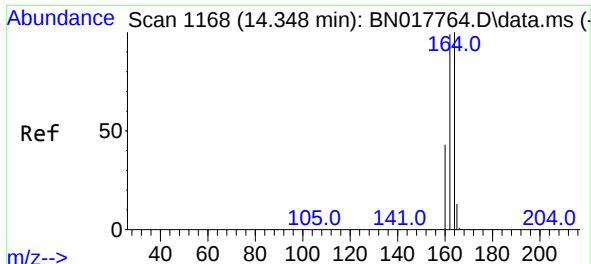


#12
1,3-Dichlorobenzene
Concen: 44.305 ng
RT: 7.825 min Scan# 780
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



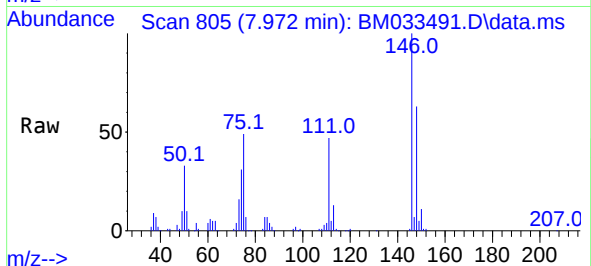
Tgt Ion:146 Resp: 106353
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
75 47.9 32.0 48.0





#13
1,4-Dichlorobenzene
Concen: 44.656 ng
RT: 7.972 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

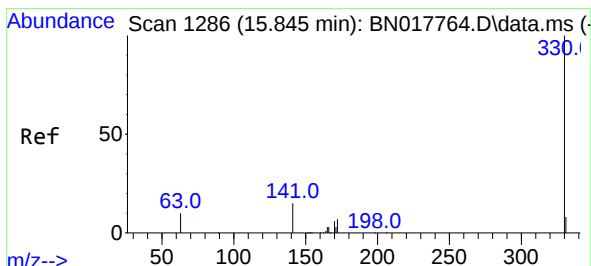
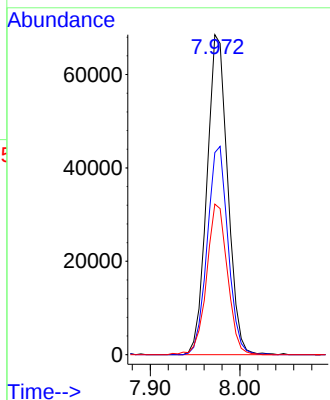
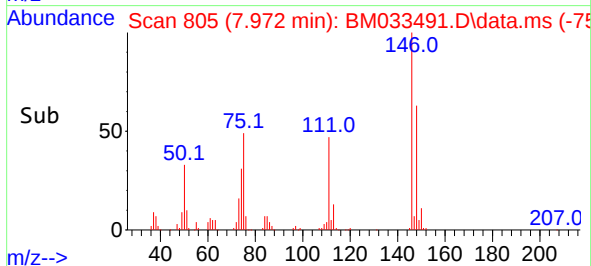
Instrument :
BNA_M
ClientSampleId :
PB141339BS



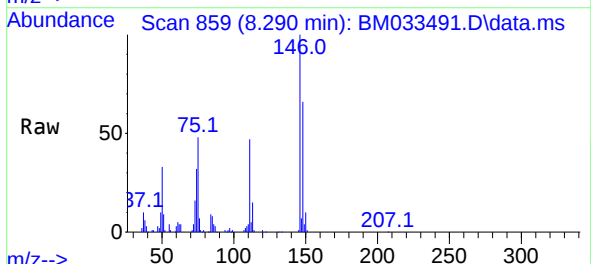
Tgt Ion:146 Resp: 11000
Ion Ratio Lower Upper
146 100
148 63.2 53.4 80.0
111 47.0 36.6 55.0

Manual Integrations
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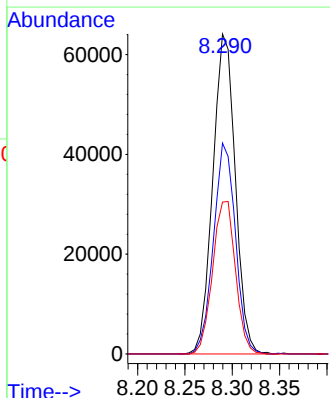
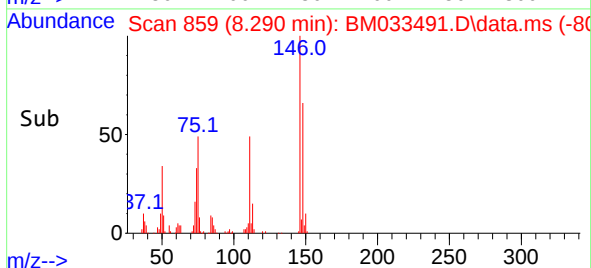
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

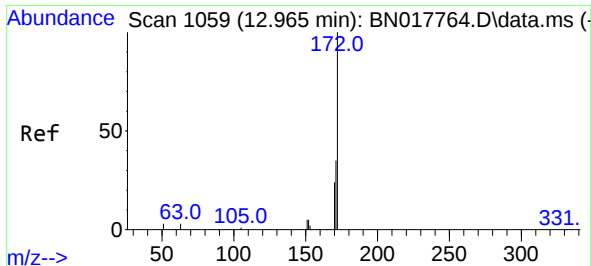


#14
1,2-Dichlorobenzene
Concen: 43.738 ng
RT: 8.290 min Scan# 859
Delta R.T. -0.005 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



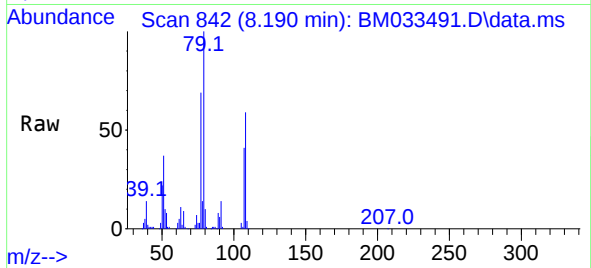
Tgt Ion:146 Resp: 105700
Ion Ratio Lower Upper
146 100
148 65.9 50.9 76.3
111 47.5 37.8 56.8





#15
Benzyl Alcohol
Concen: 48.671 ng m
RT: 8.190 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

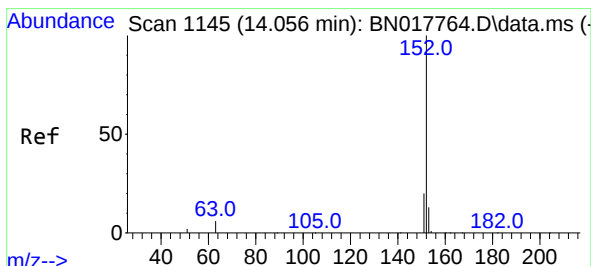
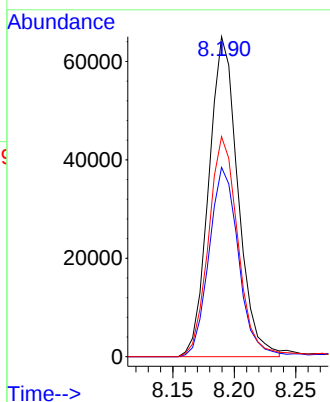
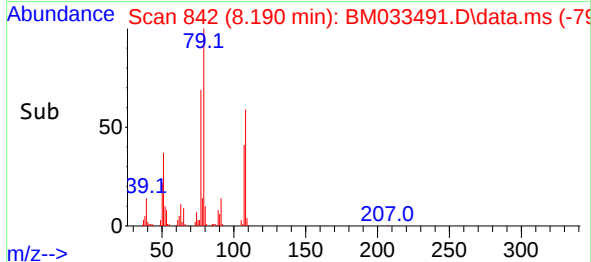
Instrument :
BNA_M
ClientSampleId :
PB141339BS



Tgt Ion: 79 Resp: 107302
Ion Ratio Lower Upper
79 100
108 59.2 51.1 76.7
77 68.8 53.8 80.8

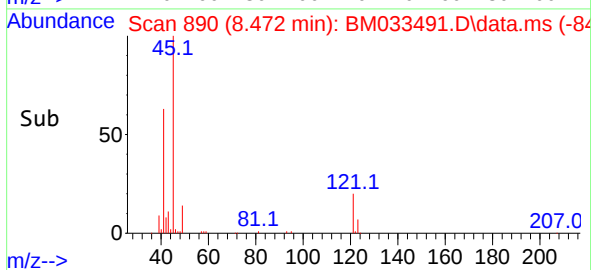
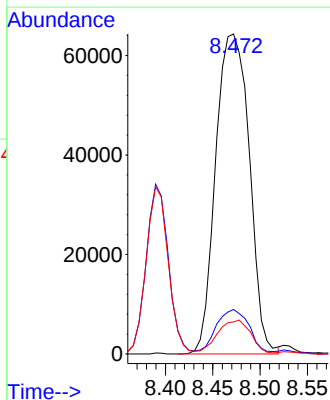
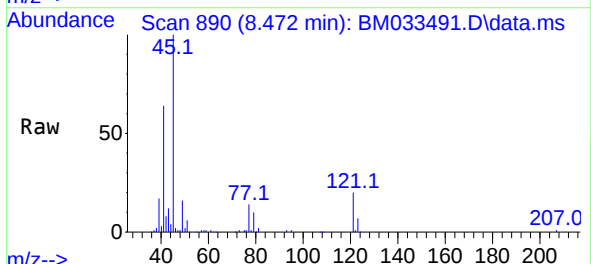
Manual Integrations
APPROVED

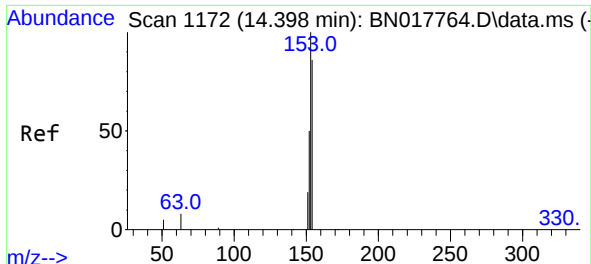
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.902 ng
RT: 8.472 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

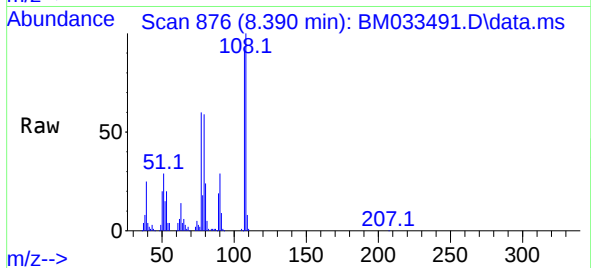
Tgt Ion: 45 Resp: 158917
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.7
79 10.0 0.0 30.0





#17
2-Methylphenol
Concen: 47.727 ng
RT: 8.390 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

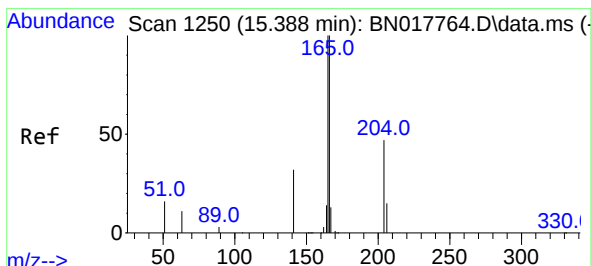
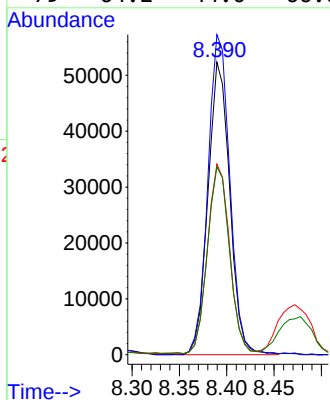
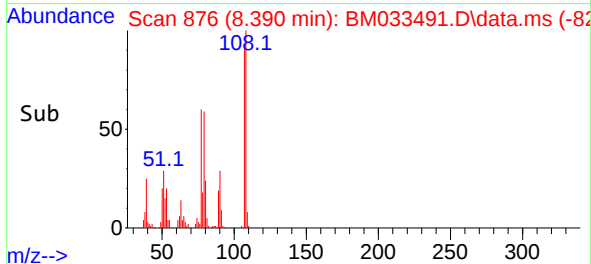


Tgt Ion:107 Resp: 83810

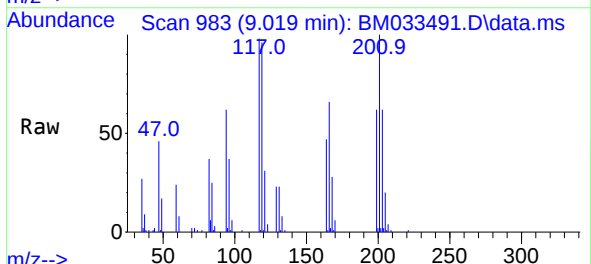
Ion	Ratio	Lower	Upper
107	100		
108	109.4	89.2	133.8
77	65.2	46.0	69.0
79	64.2	44.0	66.0

Manual Integrations
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Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

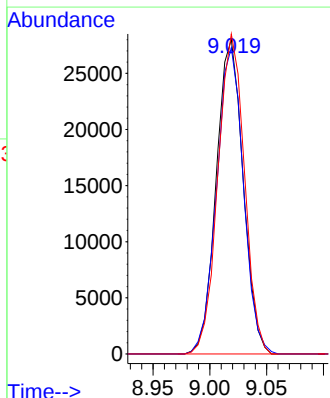
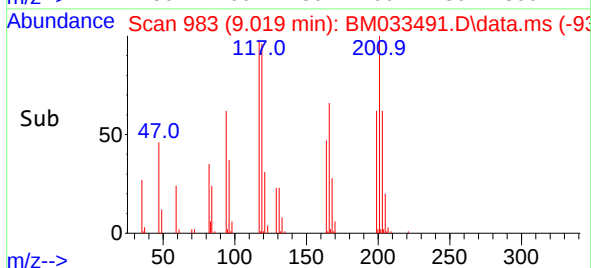


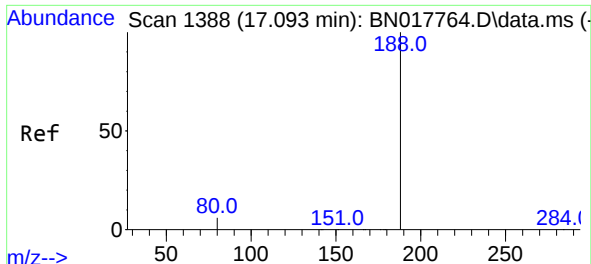
#18
Hexachloroethane
Concen: 44.821 ng
RT: 9.019 min Scan# 983
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion:117 Resp: 46007

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.0	112.6
201	101.7	75.2	112.8





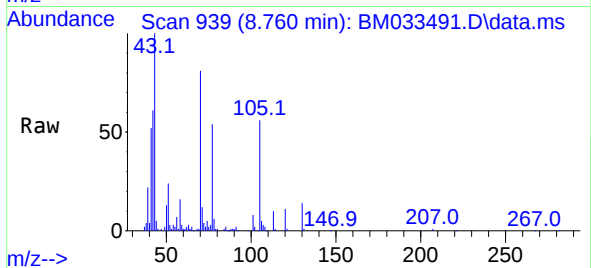
#19
n-Nitroso-di-n-propylamine
Concen: 45.844 ng
RT: 8.760 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

PB141339BS

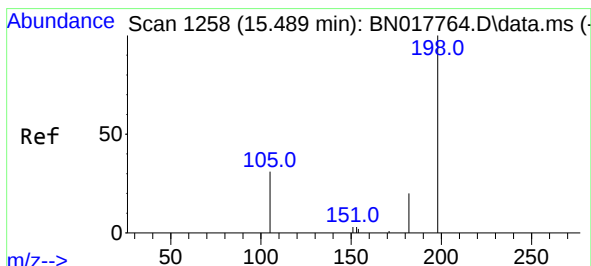
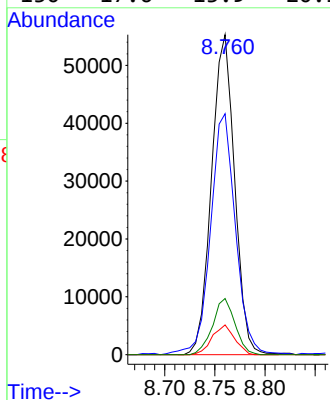
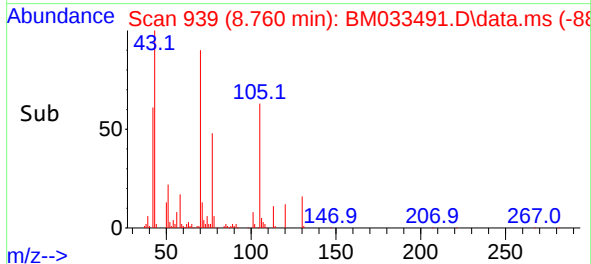


Tgt Ion: 70 Resp: 88400
Ion Ratio Lower Upper
70 100
42 75.3 54.1 81.1
101 9.3 7.8 11.6
130 17.6 13.9 20.9

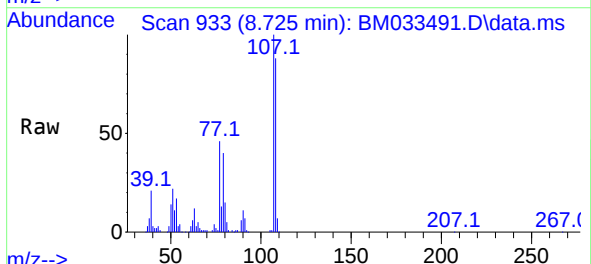
Manual Integrations

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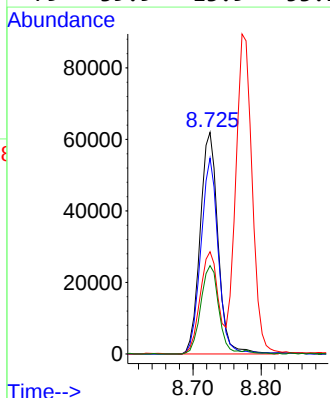
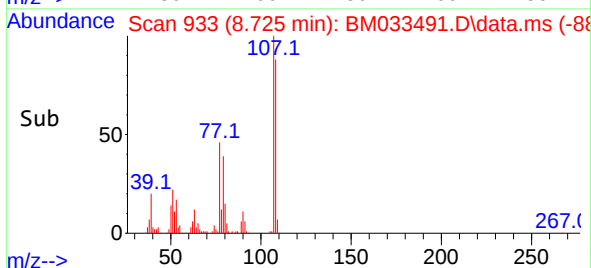
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

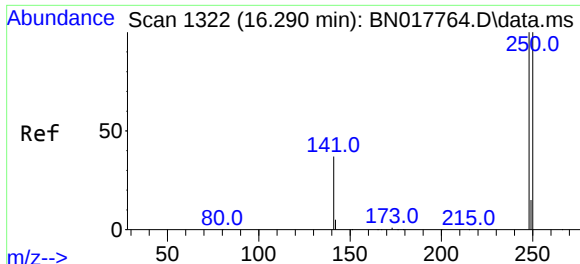


#20
3+4-Methylphenols
Concen: 48.333 ng
RT: 8.725 min Scan# 933
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion:107 Resp: 113225
Ion Ratio Lower Upper
107 100
108 88.3 64.2 104.2
77 46.1 22.7 62.7
79 39.9 13.9 53.9





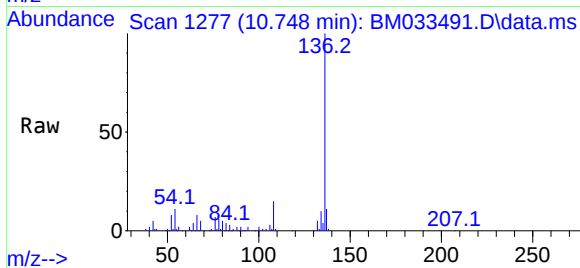
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

PB141339BS

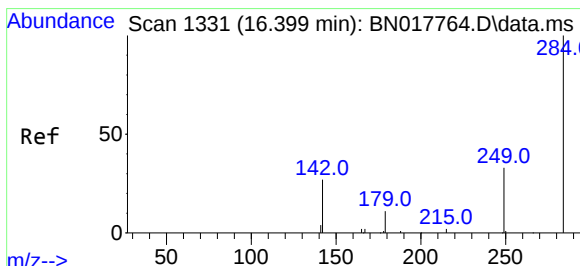
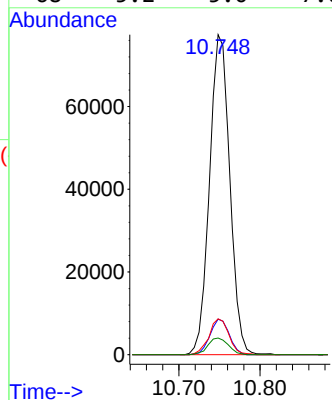
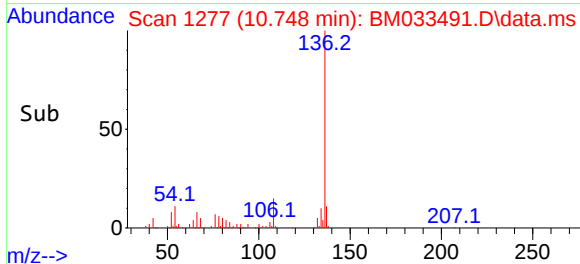


Tgt Ion:136 Resp: 13426
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.2 8.3 12.5
68 5.2 5.0 7.6

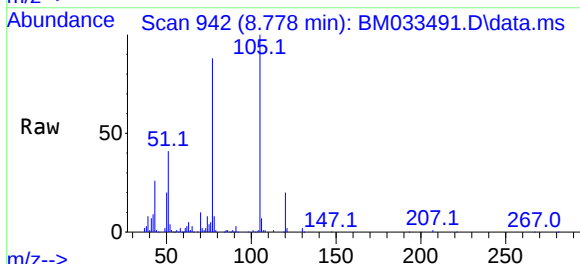
Manual Integrations

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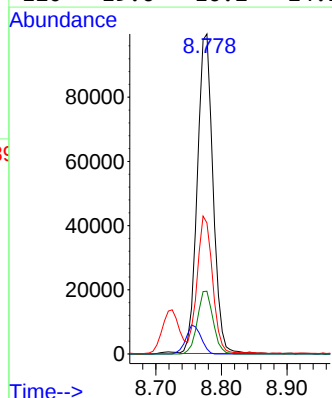
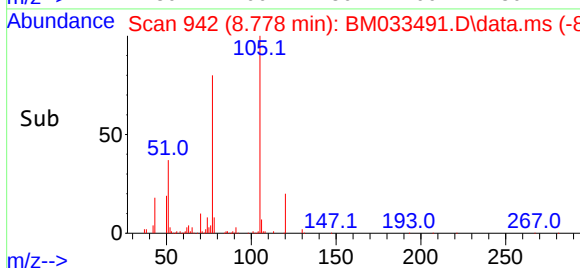
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

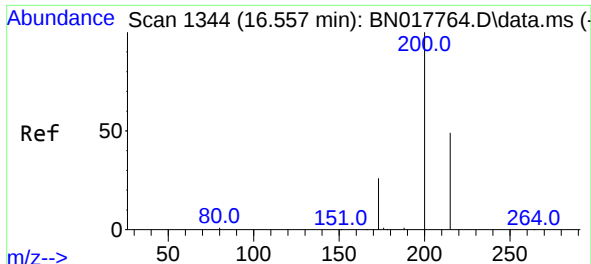


#22
Acetophenone
Concen: 45.547 ng
RT: 8.778 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion:105 Resp: 165570
Ion Ratio Lower Upper
105 100
71 1.6 1.6 2.4
51 41.0 27.7 41.5
120 19.6 16.2 24.2





#23

Nitrobenzene-d5

Concen: 88.750 ng

RT: 9.113 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM033491.D

Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

PB141339BS

Tgt Ion: 82 Resp: 27752

Ion Ratio Lower Upper

82 100

128 32.8 28.1 42.1

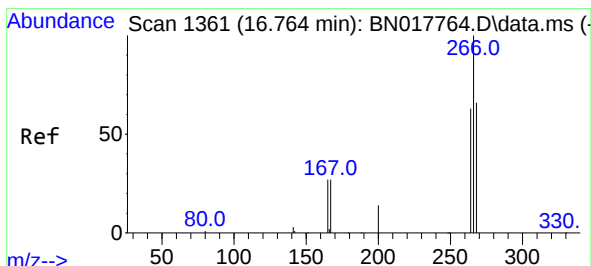
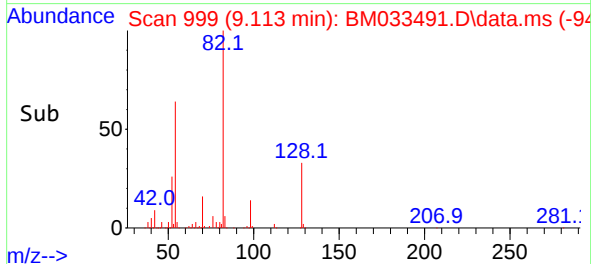
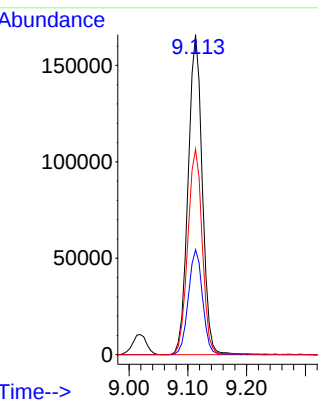
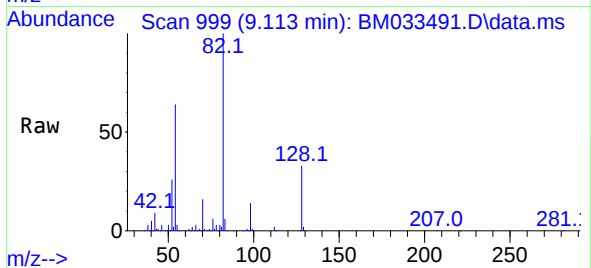
54 64.2 46.1 69.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/17/2021

Supervised By :Jagrut Upadhyay 12/17/2021



#24

Nitrobenzene

Concen: 46.012 ng

RT: 9.154 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM033491.D

Acq: 16 Dec 2021 19:12

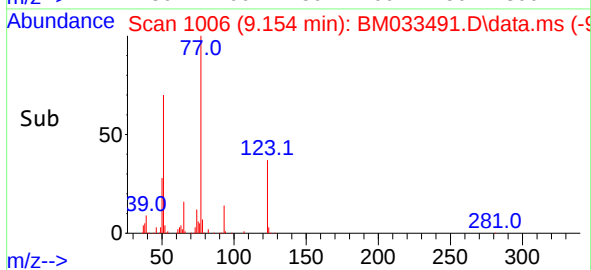
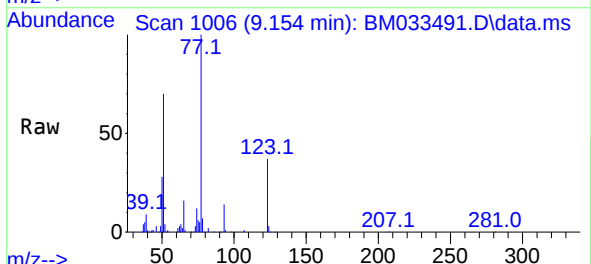
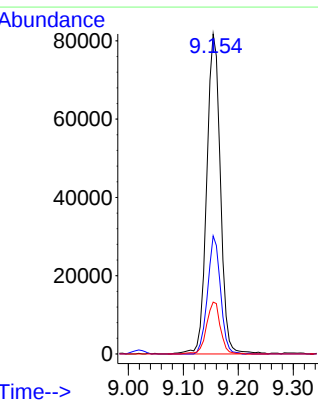
Tgt Ion: 77 Resp: 141328

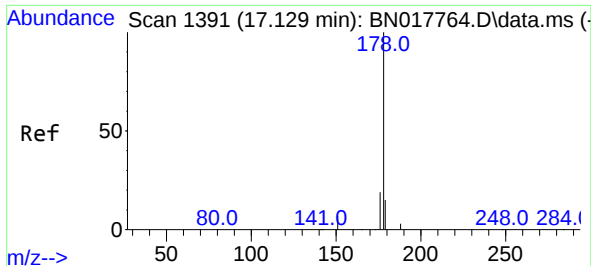
Ion Ratio Lower Upper

77 100

123 36.9 29.8 44.8

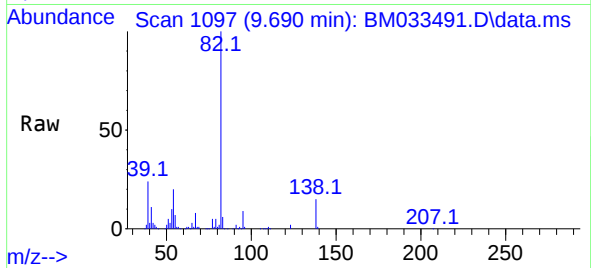
65 16.2 11.5 17.3





#25
Isophorone
Concen: 43.374 ng
RT: 9.690 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

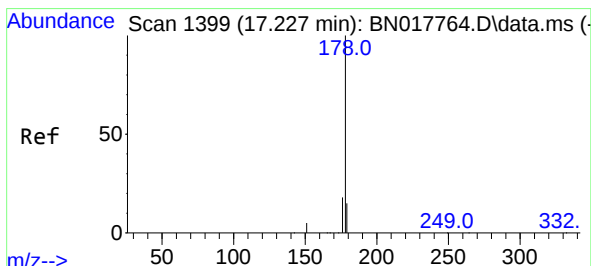
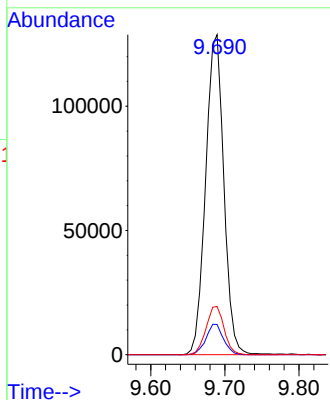
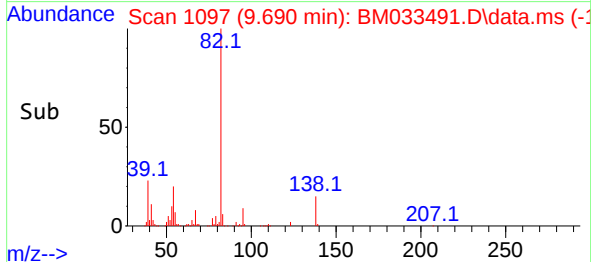
Instrument :
BNA_M
ClientSampleId :
PB141339BS



Tgt Ion: 82 Resp: 21959
Ion Ratio Lower Upper
82 100
95 9.4 6.4 9.6
138 15.1 12.4 18.6

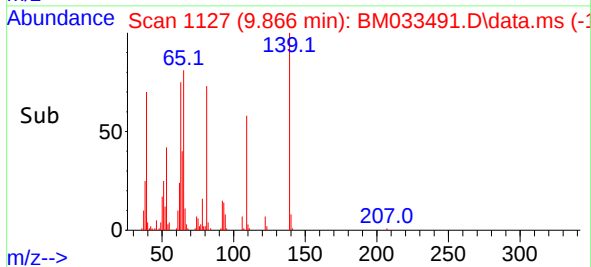
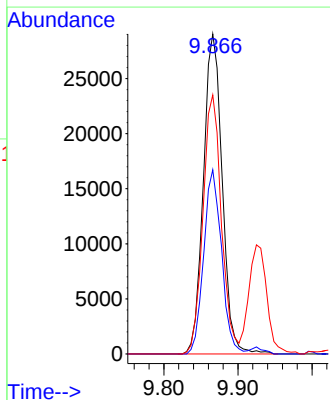
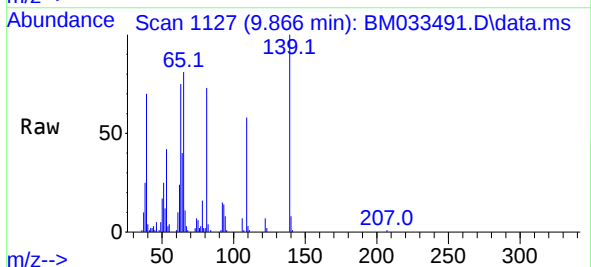
Manual Integrations
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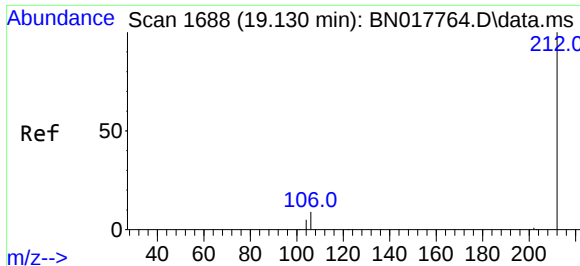
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#26
2-Nitrophenol
Concen: 47.725 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:139 Resp: 51201
Ion Ratio Lower Upper
139 100
109 57.5 33.0 49.6#
65 80.9 57.2 85.8





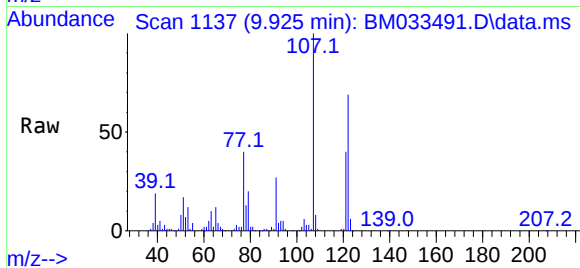
#27
2,4-Dimethylphenol
Concen: 51.446 ng
RT: 9.925 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

PB141339BS

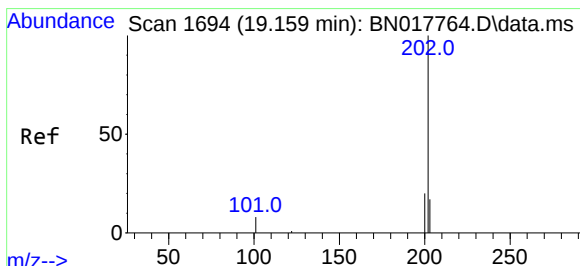
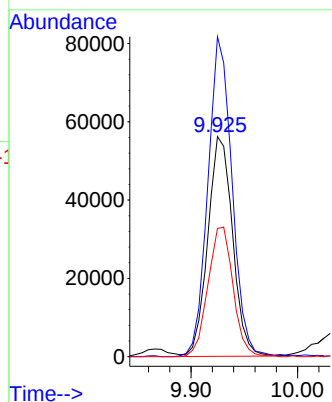
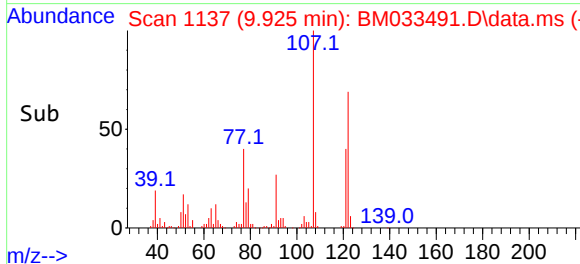


Tgt Ion:122 Resp: 90700
Ion Ratio Lower Upper
122 100
107 145.4 105.3 157.9
121 58.2 49.7 74.5

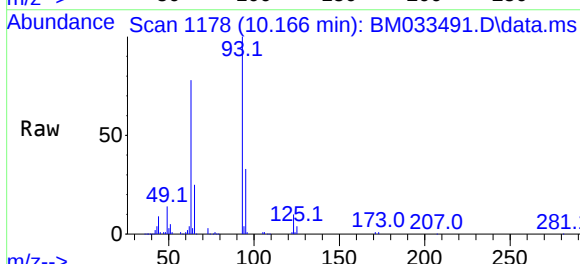
Manual Integrations

APPROVED

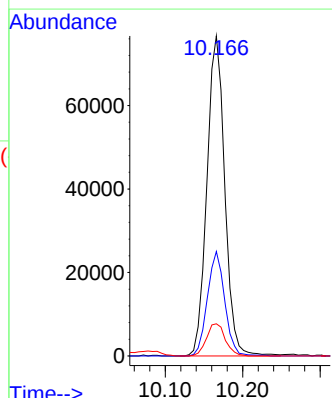
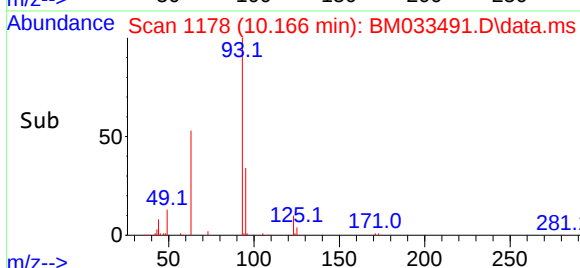
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

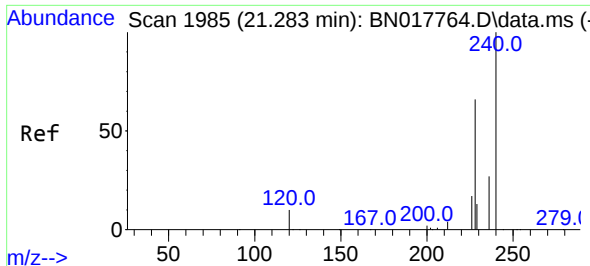


#28
bis(2-Chloroethoxy)methane
Concen: 44.213 ng
RT: 10.166 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion: 93 Resp: 122950
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 10.1 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 47.402 ng
RT: 10.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

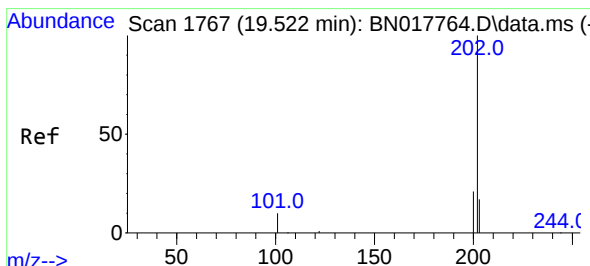
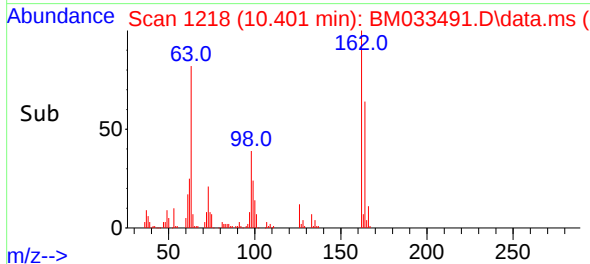
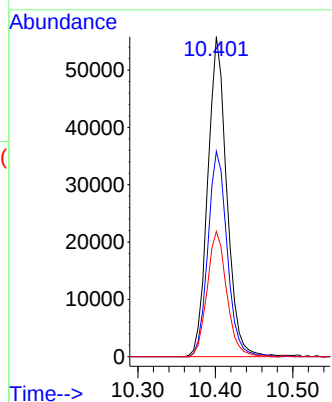
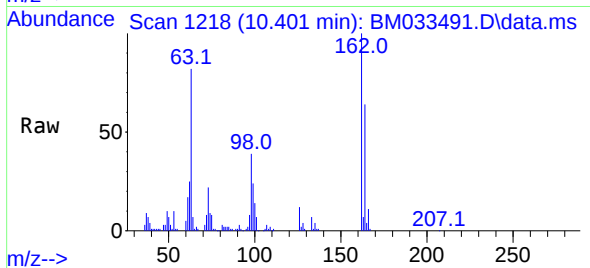
PB141339BS

Tgt Ion:162 Resp: 9532
Ion Ratio Lower Upper
162 100
164 64.1 44.4 84.4
98 39.2 19.6 59.6

Manual Integrations

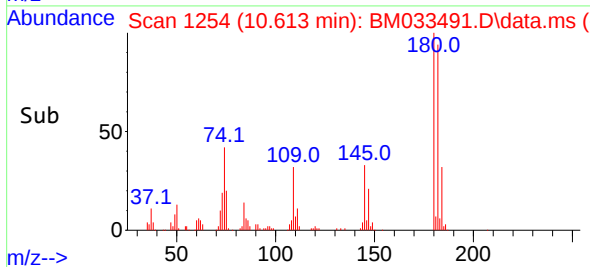
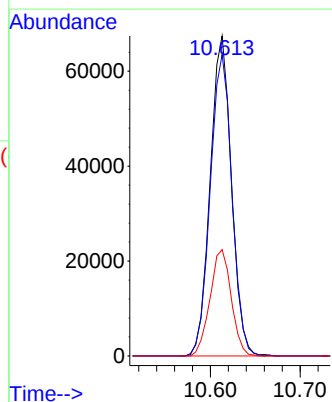
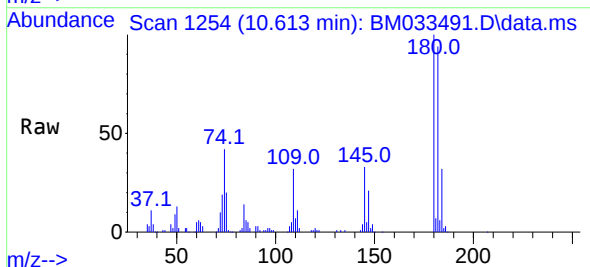
APPROVED

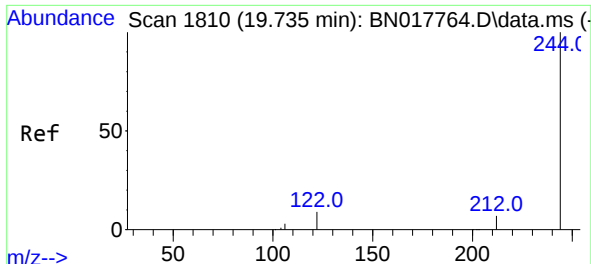
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#30
1,2,4-Trichlorobenzene
Concen: 43.457 ng
RT: 10.613 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

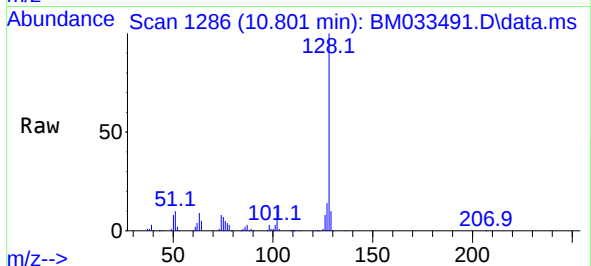
Tgt Ion:180 Resp: 110815
Ion Ratio Lower Upper
180 100
182 94.2 77.8 116.8
145 33.2 26.0 39.0





#31
Naphthalene
Concen: 44.540 ng
RT: 10.801 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

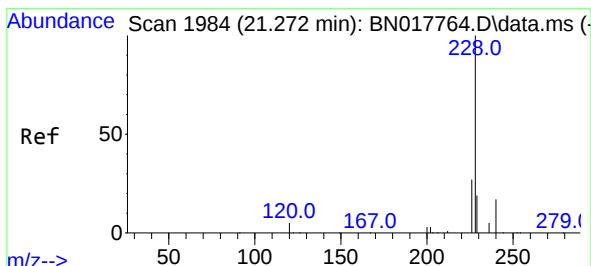
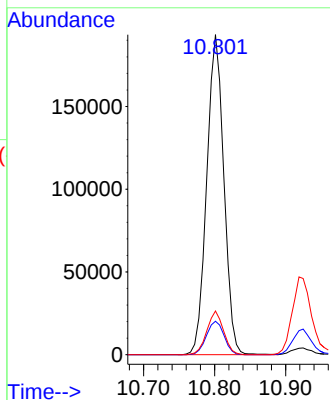
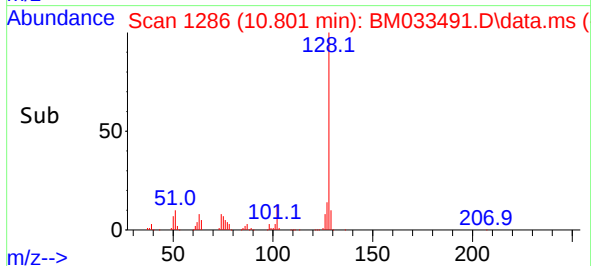
Instrument :
BNA_M
ClientSampleId :
PB141339BS



Tgt Ion:128 Resp: 32396
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.6 10.8 16.2

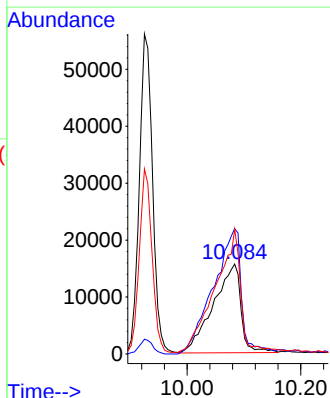
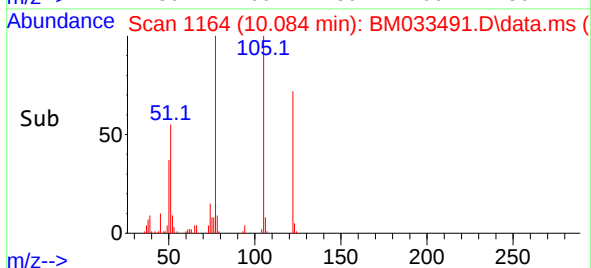
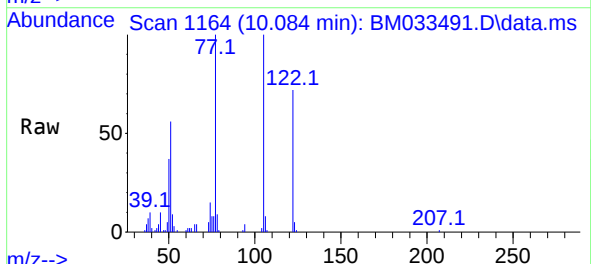
Manual Integrations
APPROVED

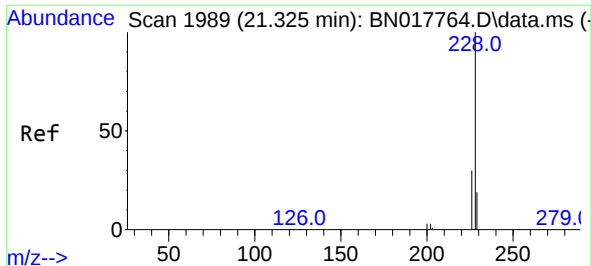
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#32
Benzoic acid
Concen: 43.270 ng
RT: 10.084 min Scan# 1164
Delta R.T. 0.018 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

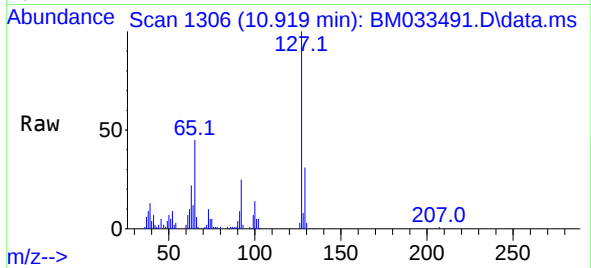
Tgt Ion:122 Resp: 52824
Ion Ratio Lower Upper
122 100
105 139.4 119.6 159.6
77 138.9 101.0 141.0





#33
4-Chloroaniline
Concen: 38.624 ng
RT: 10.919 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

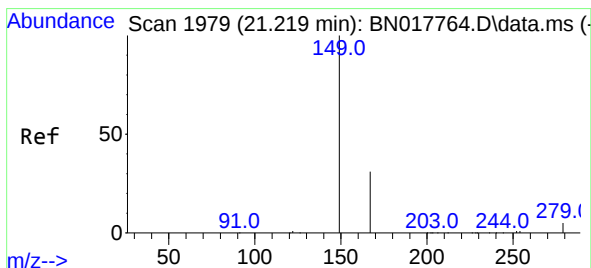
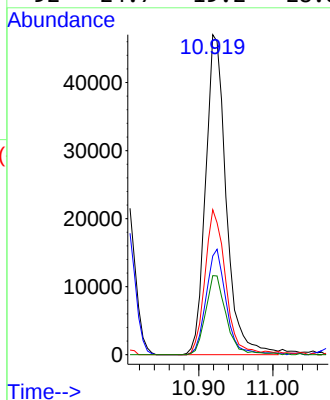
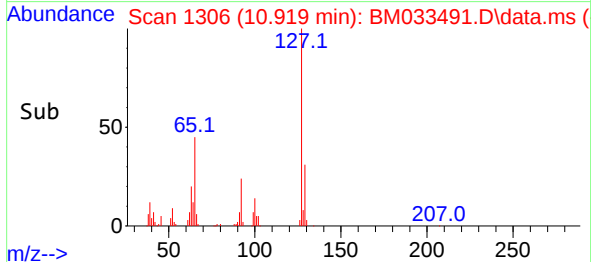


Tgt Ion:127 Resp: 90884

Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.4
65	45.3	33.0	49.6
92	24.7	19.2	28.8

Manual Integrations
APPROVED

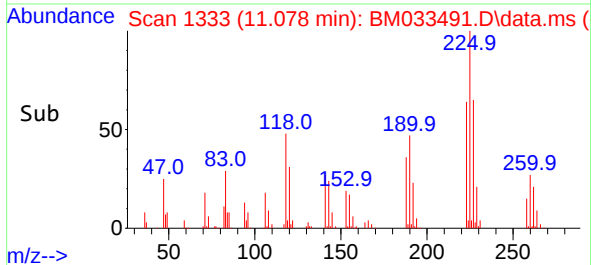
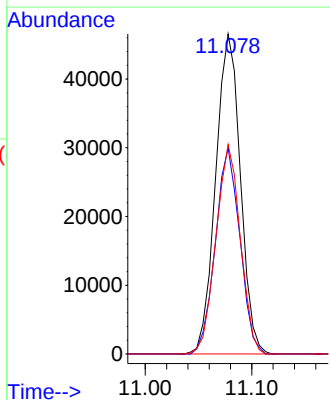
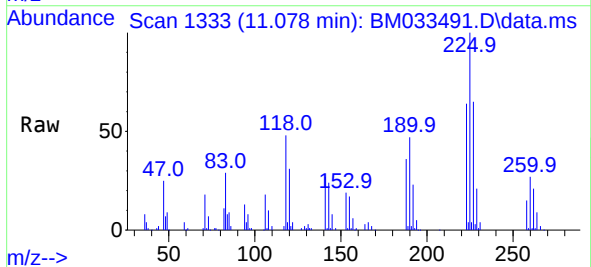
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

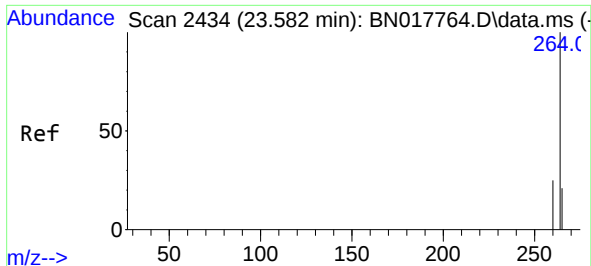


#34
Hexachlorobutadiene
Concen: 42.095 ng
RT: 11.078 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:225 Resp: 74839

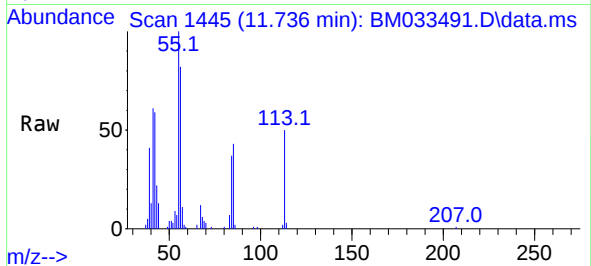
Ion	Ratio	Lower	Upper
225	100		
223	64.4	52.5	78.7
227	65.4	52.7	79.1





#35
Caprolactam
Concen: 63.376 ng
RT: 11.736 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

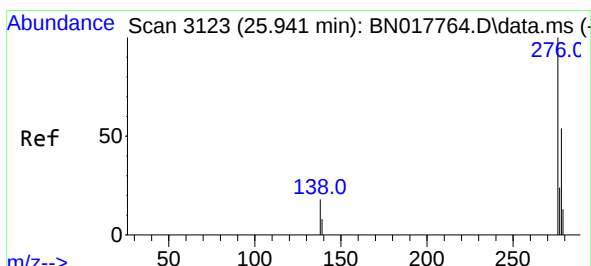
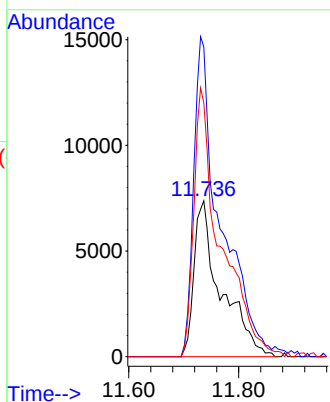
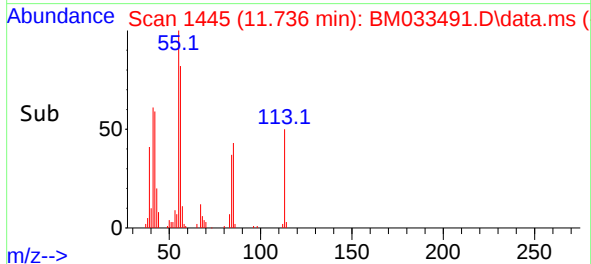
Instrument :
BNA_M
ClientSampleId :
PB141339BS



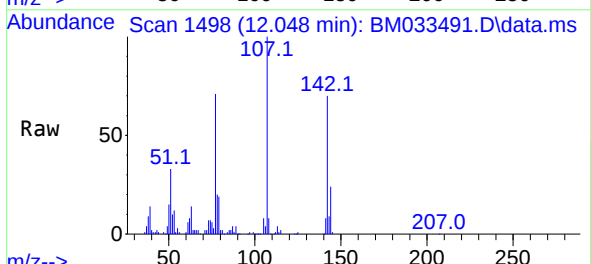
Tgt Ion:113 Resp: 25178
Ion Ratio Lower Upper
113 100
55 198.8 183.6 223.6
56 162.8 143.7 183.7

Manual Integrations
APPROVED

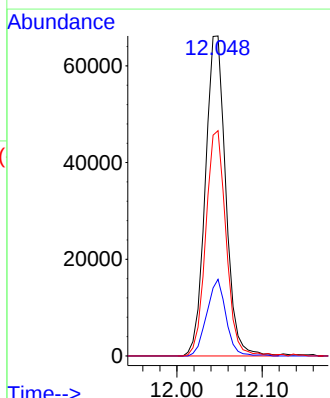
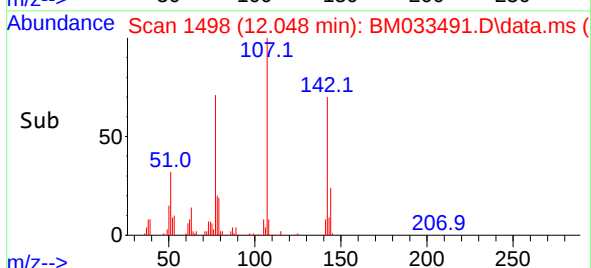
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

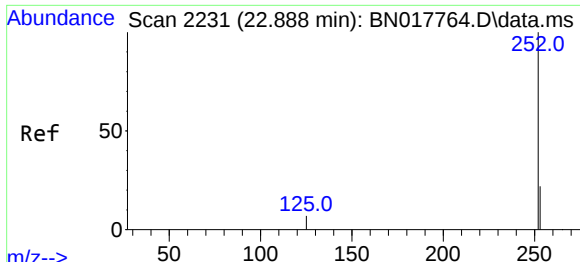


#36
4-Chloro-3-methylphenol
Concen: 42.793 ng
RT: 12.048 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



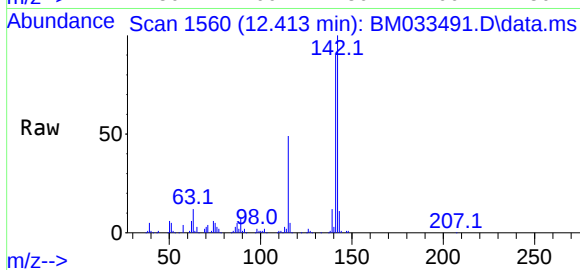
Tgt Ion:107 Resp: 110456
Ion Ratio Lower Upper
107 100
144 23.9 18.6 27.8
142 70.4 56.9 85.3





#37
2-Methylnaphthalene
Concen: 47.110 ng
RT: 12.413 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

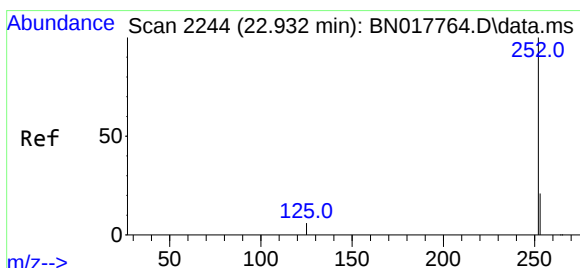
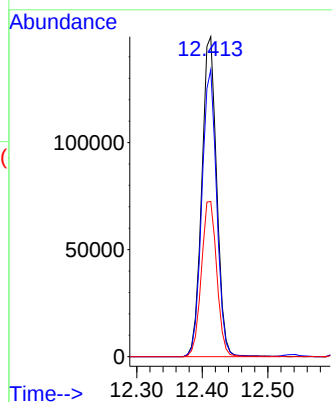
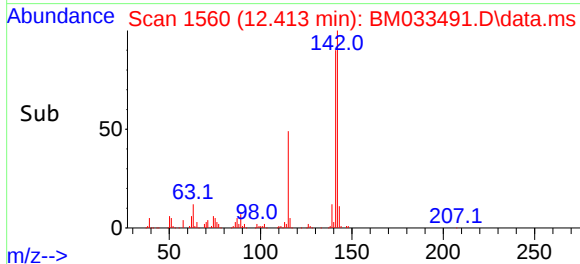
Instrument :
BNA_M
ClientSampleId :
PB141339BS



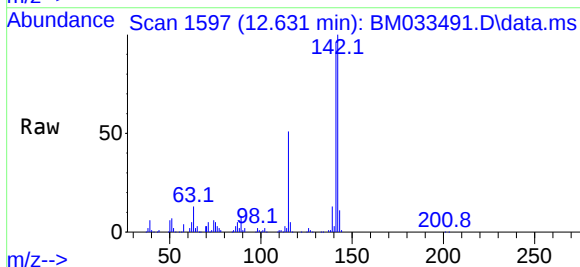
Tgt Ion:142 Resp: 237020
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2
115 48.5 33.0 49.6

Manual Integrations
APPROVED

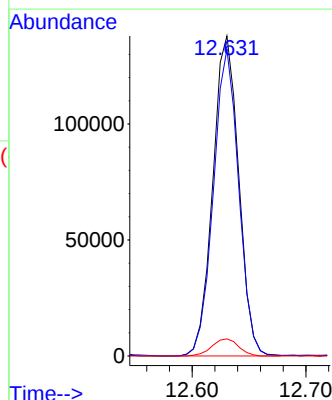
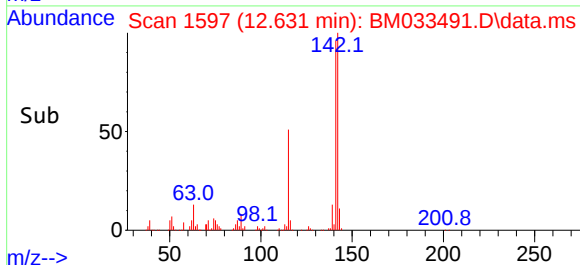
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

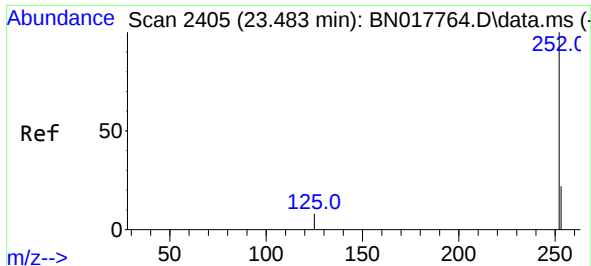


#38
1-Methylnaphthalene
Concen: 43.434 ng m
RT: 12.631 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion:142 Resp: 217981
Ion Ratio Lower Upper
142 100
141 95.9 75.0 112.4
116 5.3 3.5 5.3#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

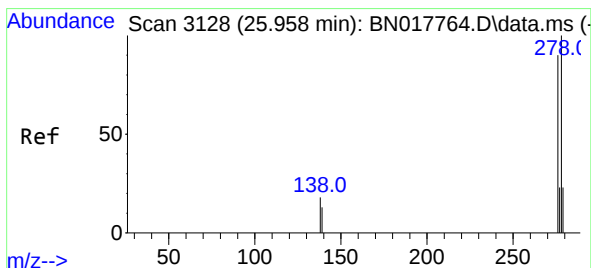
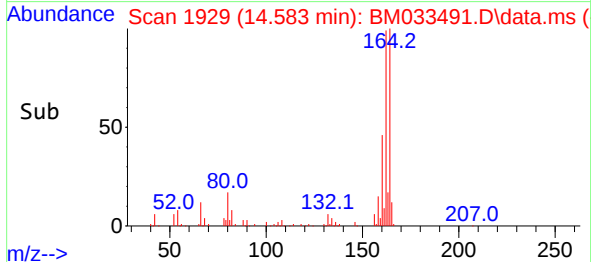
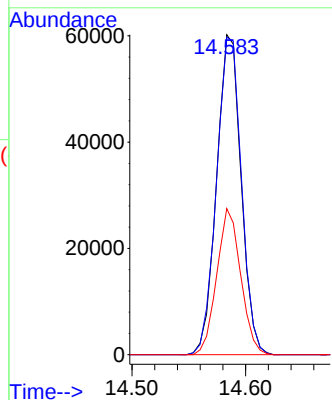
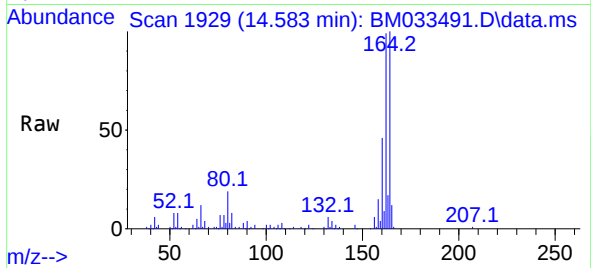
PB141339BS

Tgt Ion:164 Resp: 89980
Ion Ratio Lower Upper
164 100
162 99.2 79.7 119.5
160 45.7 34.2 51.4

Manual Integrations

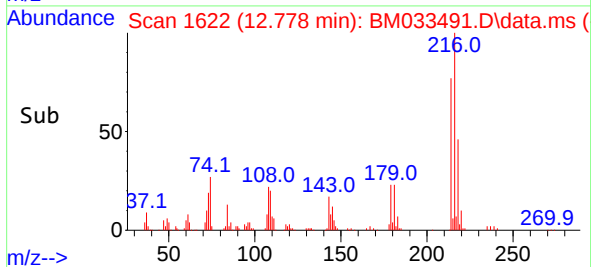
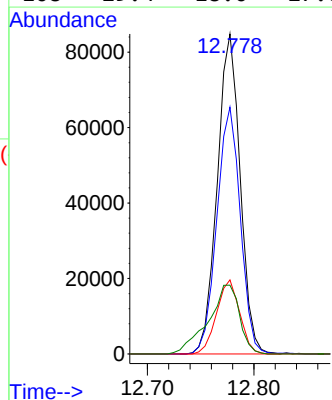
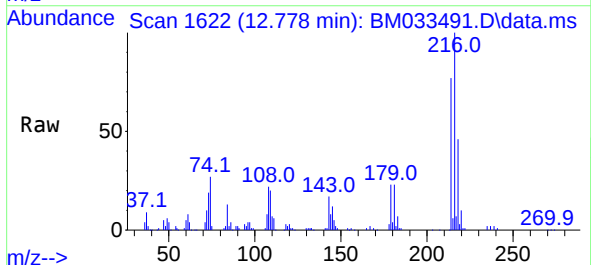
APPROVED

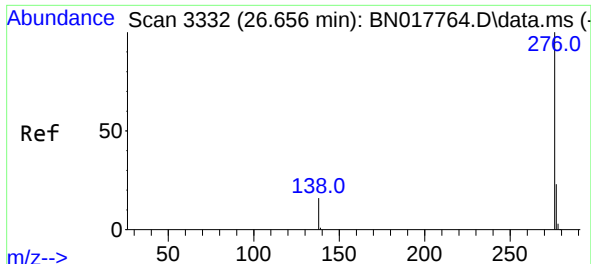
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.842 ng
RT: 12.778 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

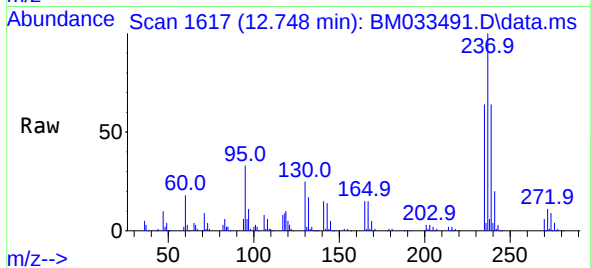
Tgt Ion:216 Resp: 126609
Ion Ratio Lower Upper
216 100
214 79.2 62.6 93.8
179 23.3 18.2 27.2
108 29.4 18.0 27.0#





#41
Hexachlorocyclopentadiene
Concen: 147.794 ng
RT: 12.748 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

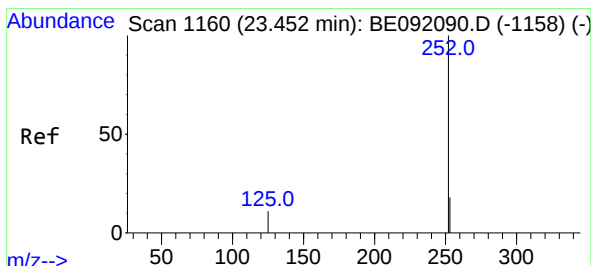
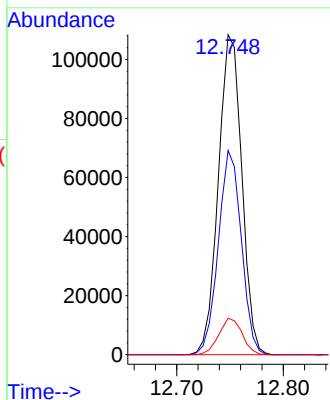
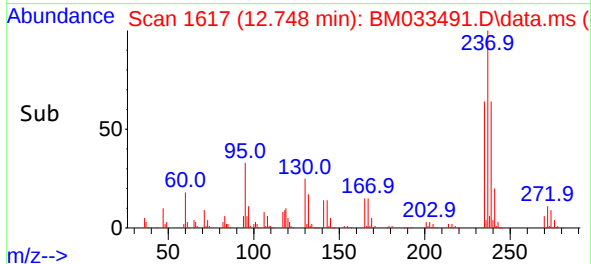
Instrument :
BNA_M
ClientSampleId :
PB141339BS



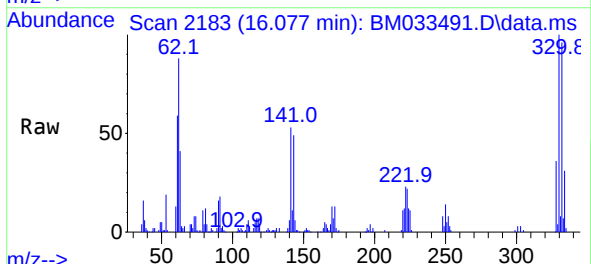
Tgt Ion:237 Resp: 165679
Ion Ratio Lower Upper
237 100
235 63.8 41.7 81.7
272 11.4 0.0 32.5

Manual Integrations
APPROVED

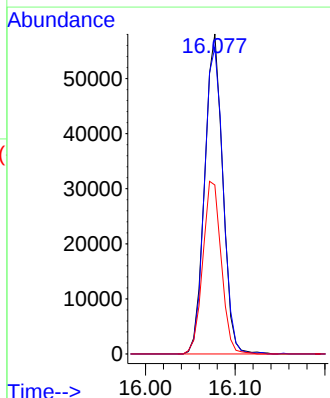
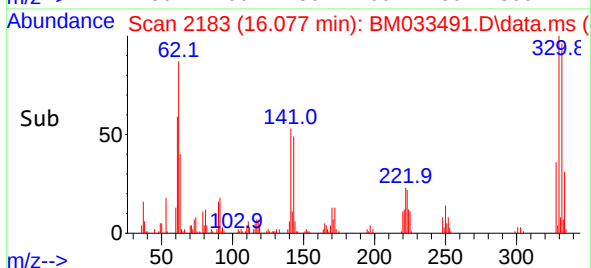
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

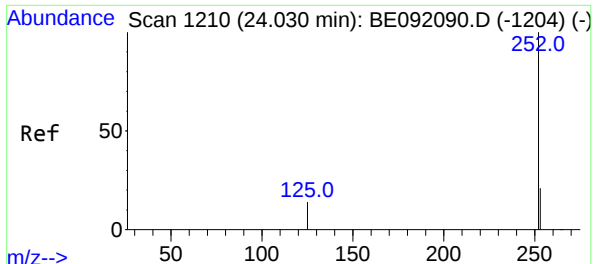


#42
2,4,6-Tribromophenol
Concen: 80.202 ng
RT: 16.077 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion:330 Resp: 81184
Ion Ratio Lower Upper
330 100
332 98.8 76.5 114.7
141 55.0 35.9 53.9#





#43
2,4,6-Trichlorophenol
Concen: 45.425 ng
RT: 13.019 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

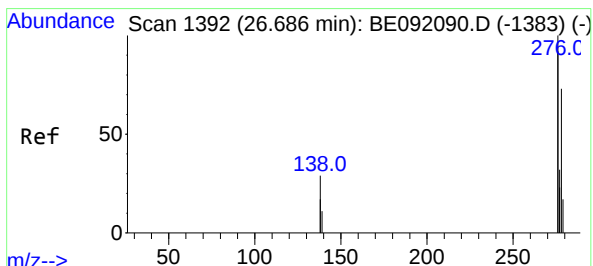
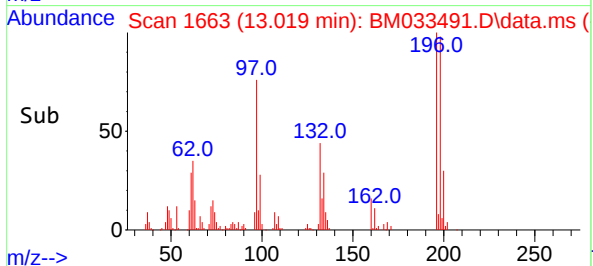
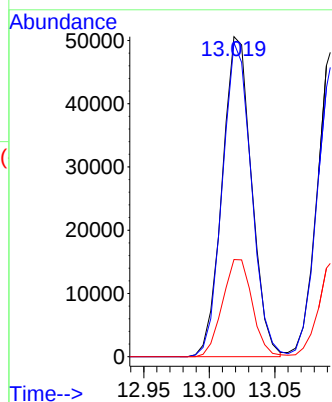
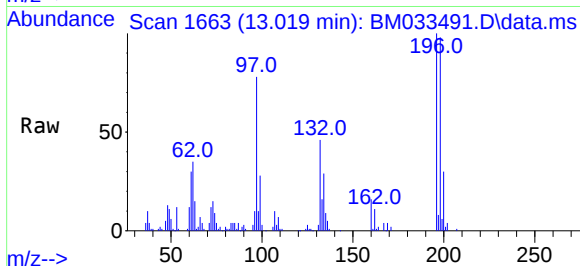
PB141339BS

Tgt Ion:196 Resp: 78739
Ion Ratio Lower Upper
196 100
198 98.1 75.1 112.7
200 30.4 24.0 36.0

Manual Integrations

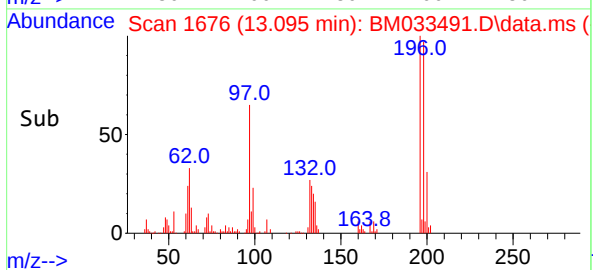
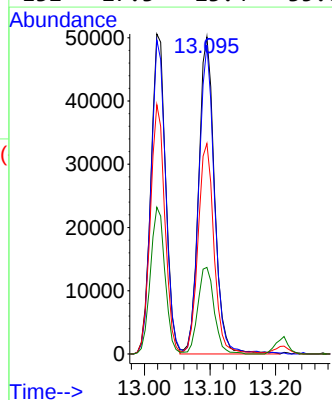
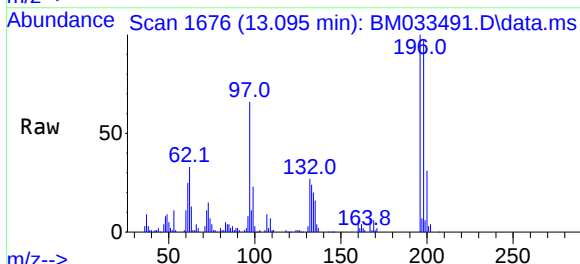
APPROVED

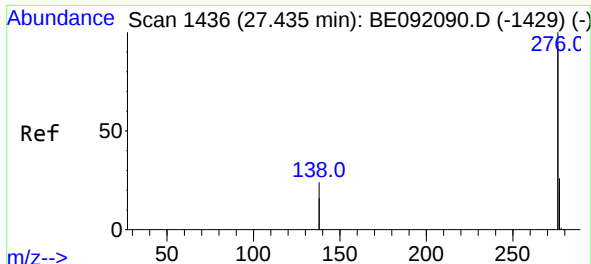
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#44
2,4,5-Trichlorophenol
Concen: 45.679 ng
RT: 13.095 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:196 Resp: 84499
Ion Ratio Lower Upper
196 100
198 97.4 77.8 116.6
97 66.3 49.7 74.5
132 27.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 88.770 ng

RT: 13.213 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BM033491.D

Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

PB141339BS

Tgt Ion:172 Resp: 57746

Ion Ratio Lower Upper

172 100

171 35.2 27.2 40.8

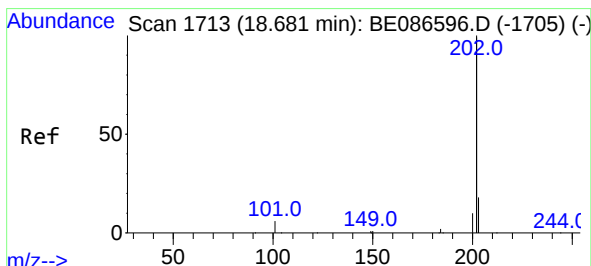
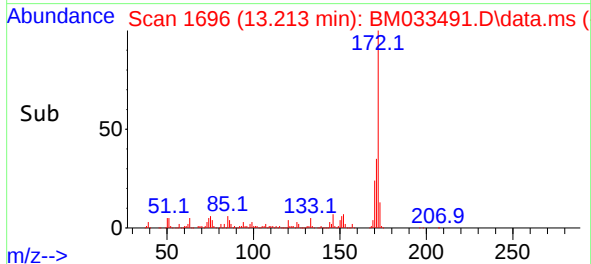
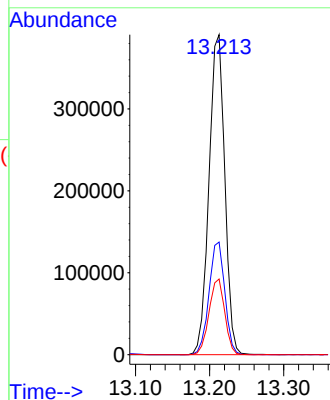
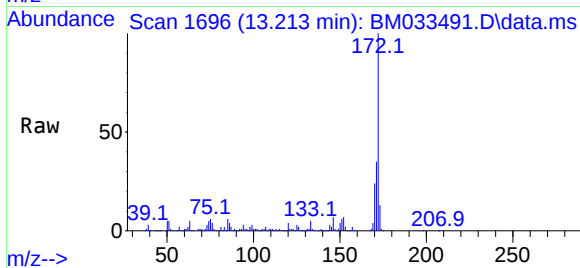
170 23.7 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/17/2021

Supervised By :Jagrut Upadhyay 12/17/2021



#46

1,1'-Biphenyl

Concen: 47.336 ng

RT: 13.419 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BM033491.D

Acq: 16 Dec 2021 19:12

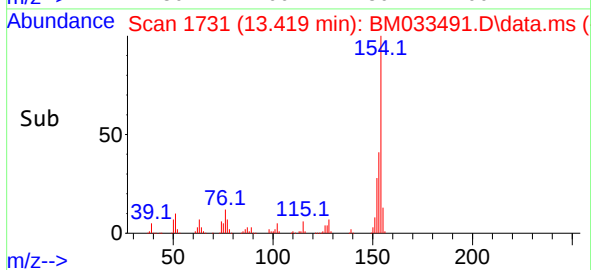
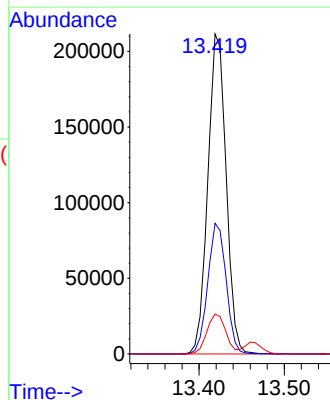
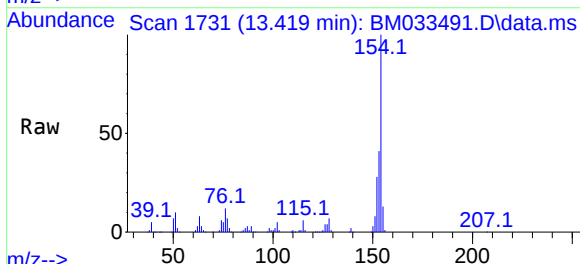
Tgt Ion:154 Resp: 315414

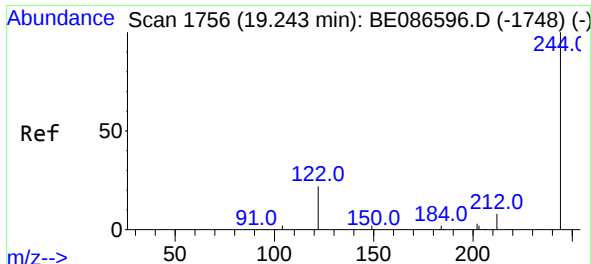
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 12.5 0.0 34.4





#47
2-Chloronaphthalene
Concen: 46.111 ng
RT: 13.466 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

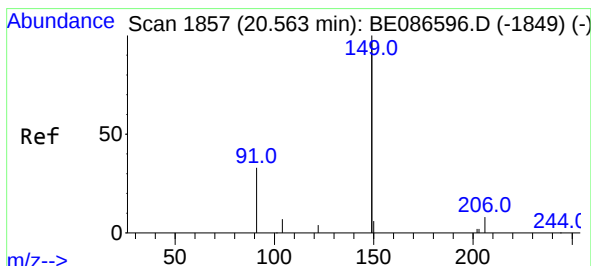
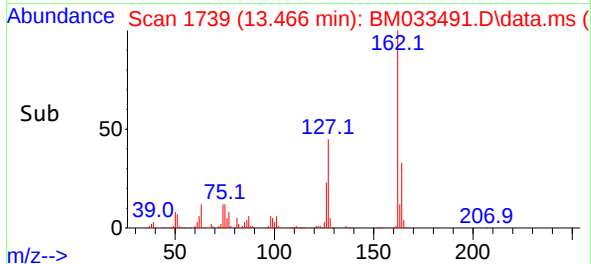
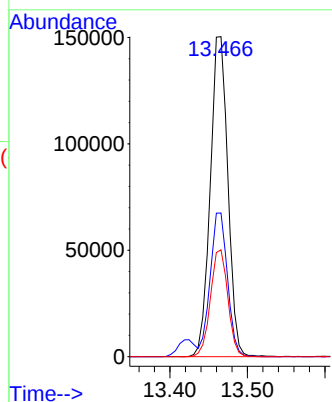
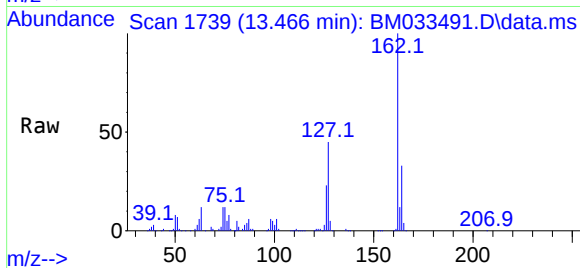
PB141339BS

Tgt Ion:162 Resp: 23750
Ion Ratio Lower Upper
162 100
127 44.9 33.8 50.6
164 33.4 26.2 39.4

Manual Integrations

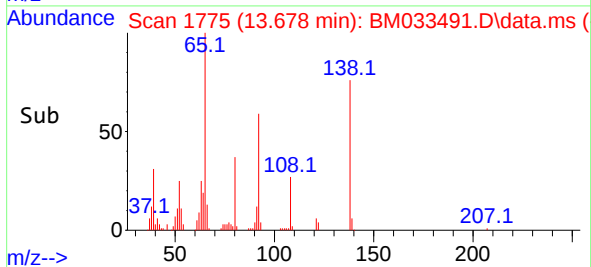
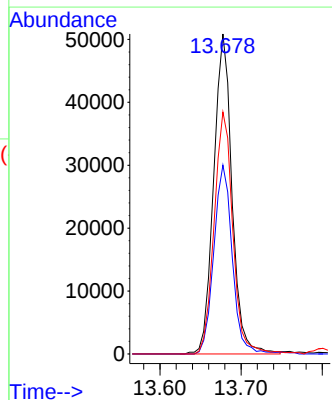
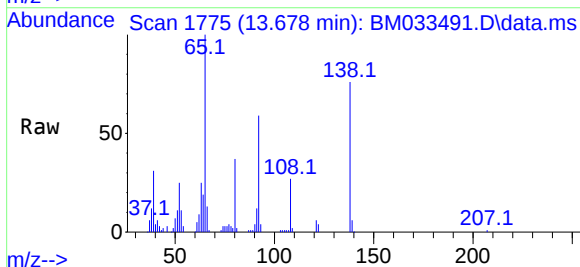
APPROVED

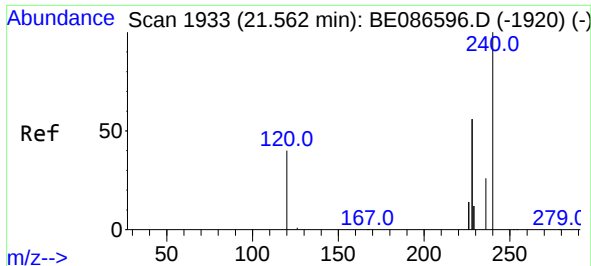
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#48
2-Nitroaniline
Concen: 45.569 ng
RT: 13.678 min Scan# 1775
Delta R.T. 0.001 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion: 65 Resp: 79964
Ion Ratio Lower Upper
65 100
92 59.0 50.0 75.0
138 75.6 65.7 98.5





#49
Acenaphthylene
Concen: 45.267 ng
RT: 14.307 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

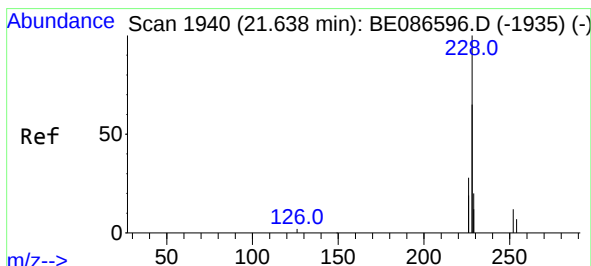
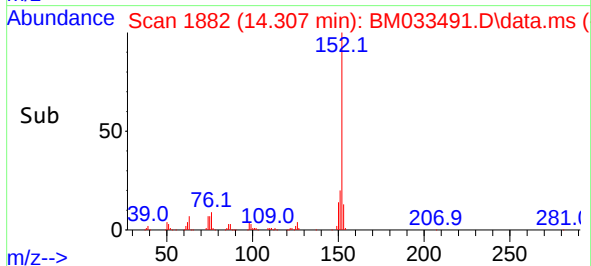
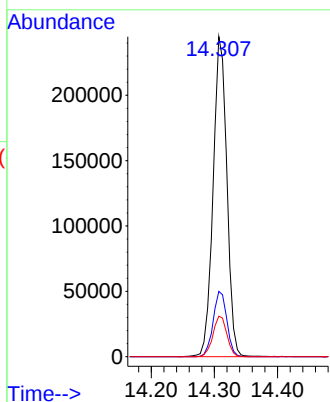
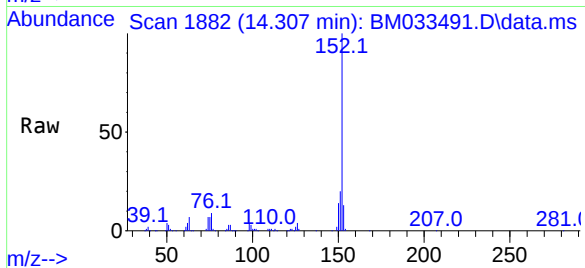
PB141339BS

Tgt Ion:152 Resp: 36940
Ion Ratio Lower Upper
152 100
151 20.4 15.4 23.2
153 12.7 10.4 15.6

Manual Integrations

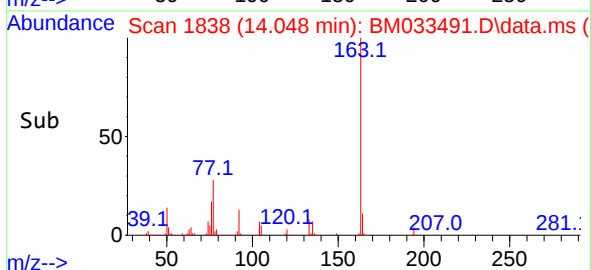
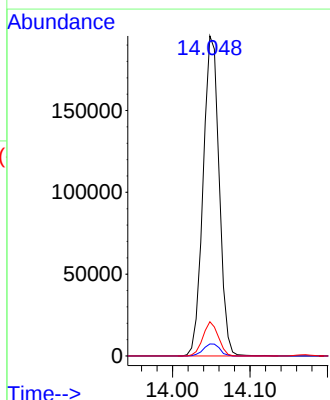
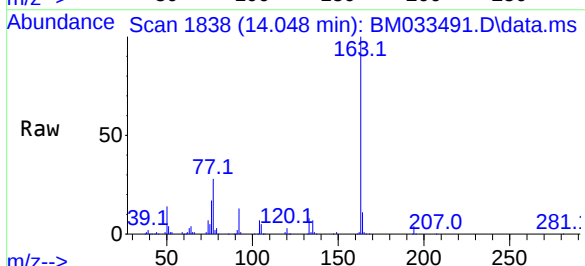
APPROVED

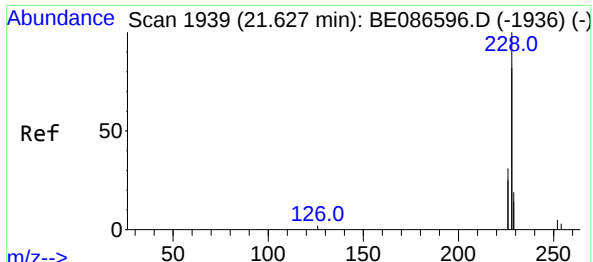
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#50
Dimethylphthalate
Concen: 41.187 ng
RT: 14.048 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

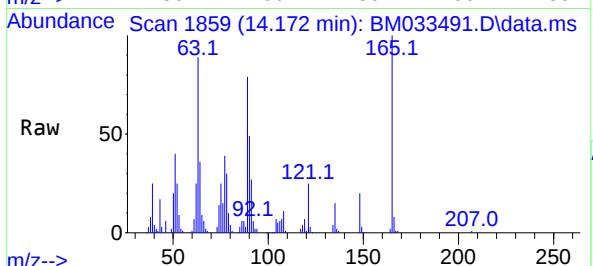
Tgt Ion:163 Resp: 280732
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.7 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 45.367 ng
RT: 14.172 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

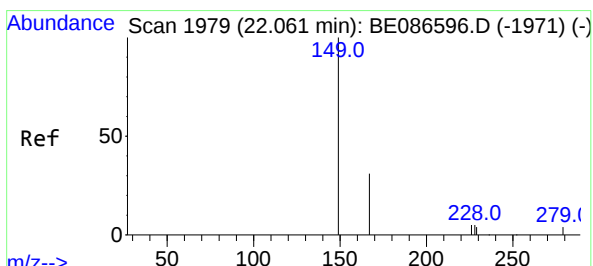
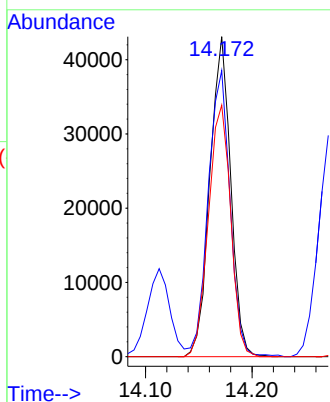
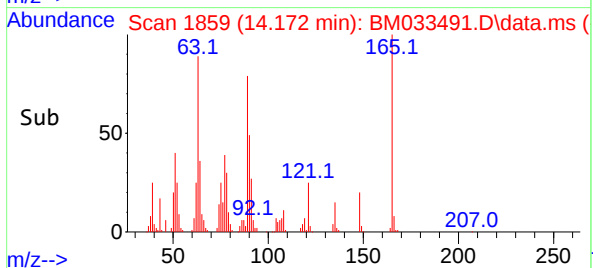
Instrument :
BNA_M
ClientSampleId :
PB141339BS



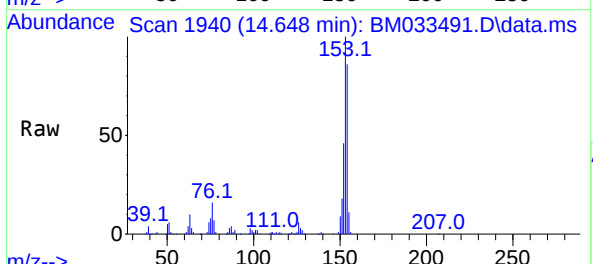
Tgt Ion:165 Resp: 58440
Ion Ratio Lower Upper
165 100
63 89.4 56.9 85.3
89 78.6 54.3 81.5

Manual Integrations
APPROVED

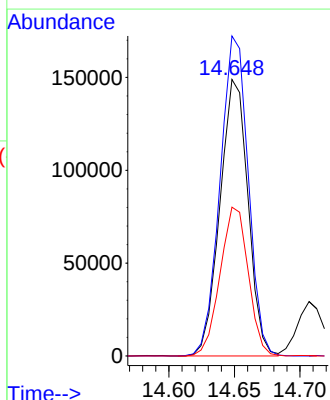
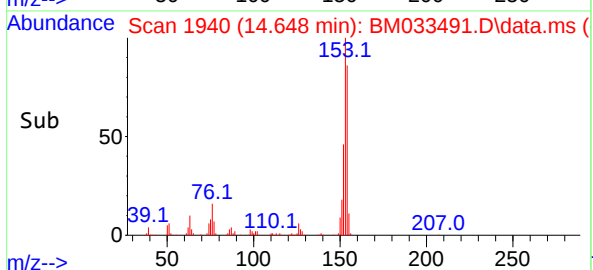
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

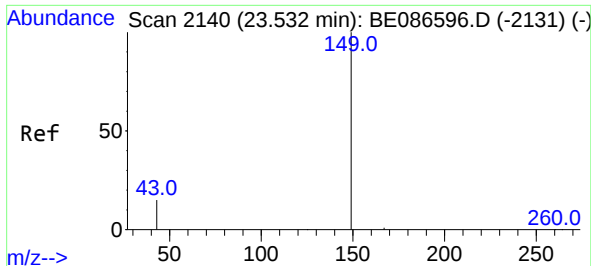


#52
Acenaphthene
Concen: 44.748 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion:154 Resp: 221776
Ion Ratio Lower Upper
154 100
153 115.7 90.2 135.4
152 53.8 43.5 65.3





#53
3-Nitroaniline
Concen: 34.911 ng
RT: 14.507 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

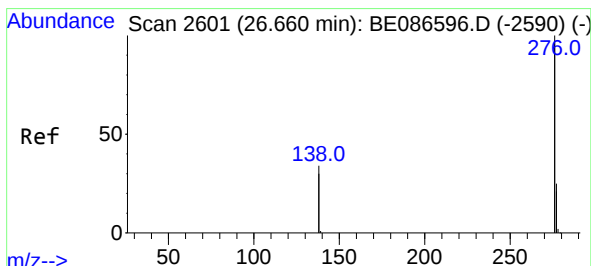
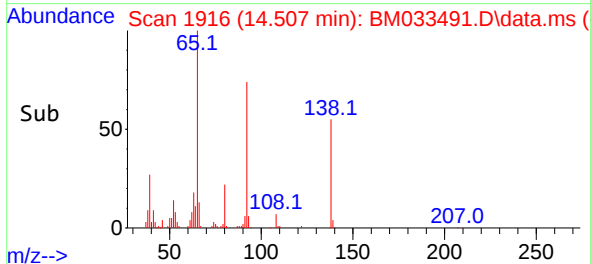
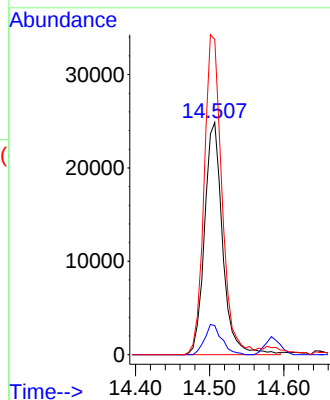
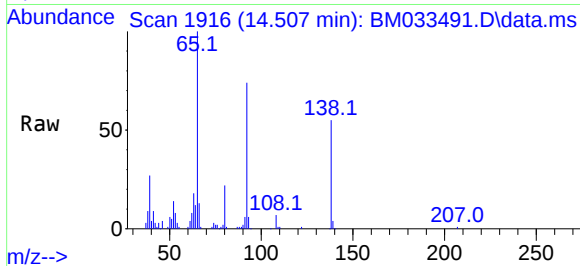
PB141339BS

Tgt Ion:138 Resp: 42178
Ion Ratio Lower Upper
138 100
108 12.5 9.5 14.3
92 135.9 106.6 159.8

Manual Integrations

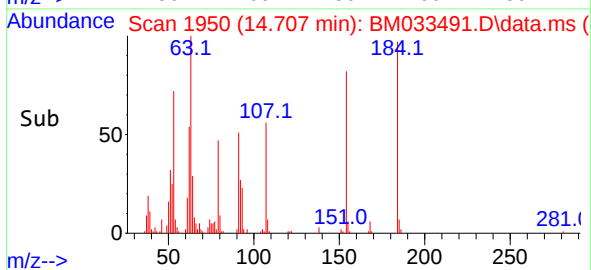
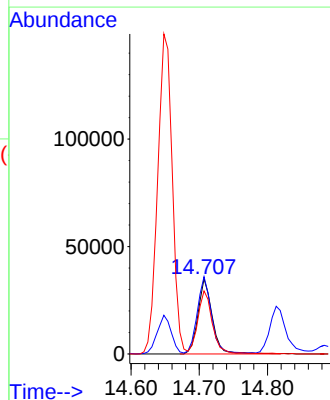
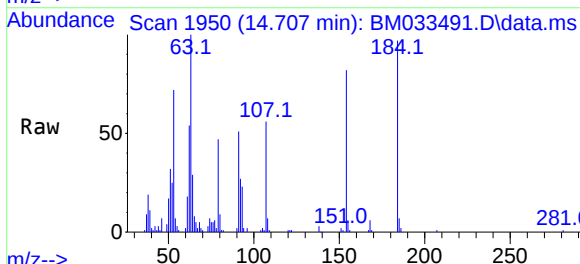
APPROVED

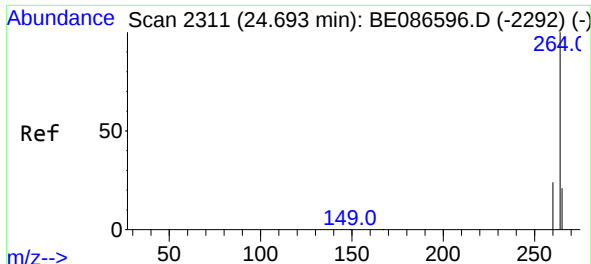
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#54
2,4-Dinitrophenol
Concen: 75.165 ng
RT: 14.707 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:184 Resp: 50694
Ion Ratio Lower Upper
184 100
63 102.8 71.8 107.6
154 83.9 55.7 83.5#





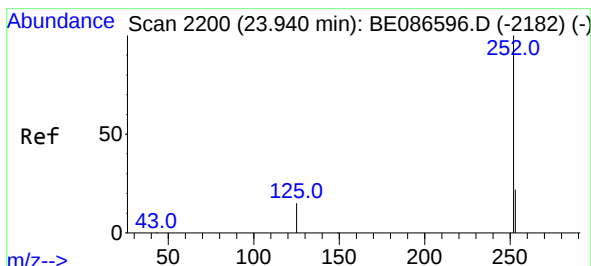
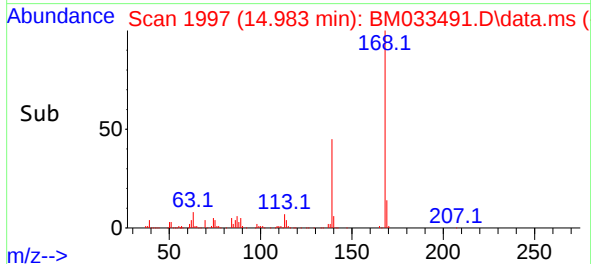
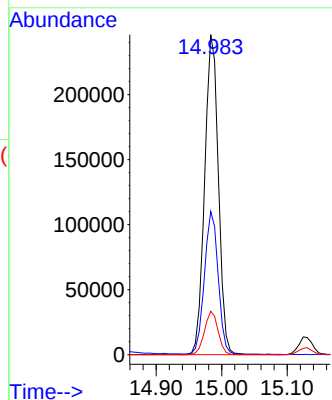
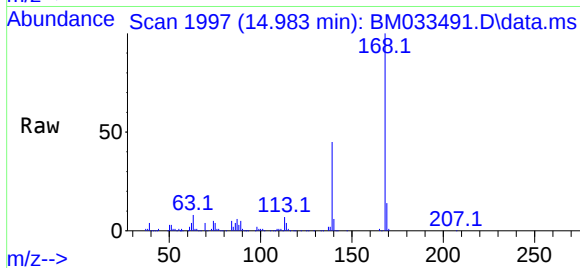
#55
Dibenzenofuran
Concen: 42.804 ng
RT: 14.983 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

Tgt Ion:168 Resp: 35951
Ion Ratio Lower Upper
168 100
139 44.8 31.4 47.2
169 13.5 10.6 15.8

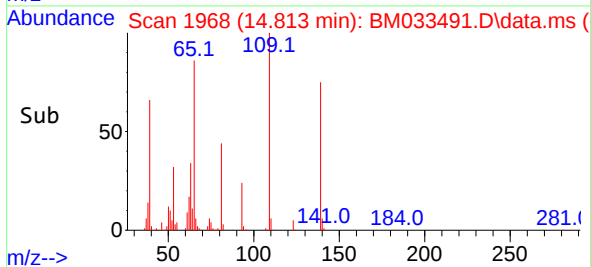
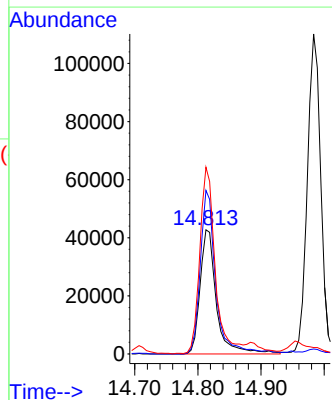
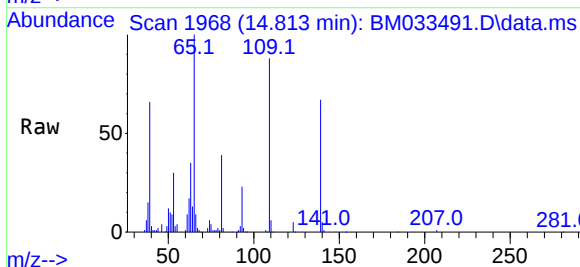
Manual Integrations
APPROVED

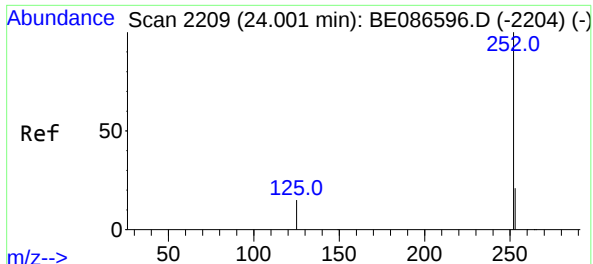
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#56
4-Nitrophenol
Concen: 79.735 ng
RT: 14.813 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

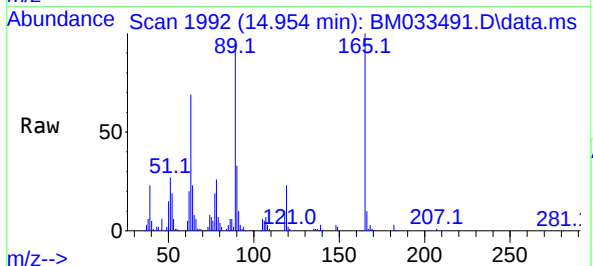
Tgt Ion:139 Resp: 76841
Ion Ratio Lower Upper
139 100
109 131.6 75.3 115.3#
65 150.3 107.4 147.4#





#57
2,4-Dinitrotoluene
Concen: 45.058 ng
RT: 14.954 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

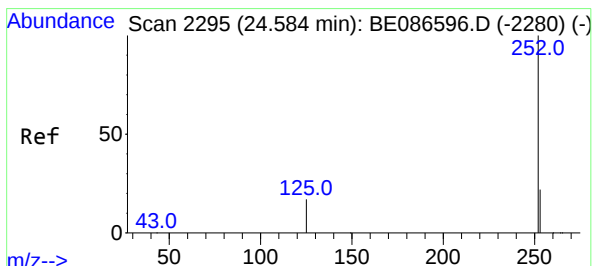
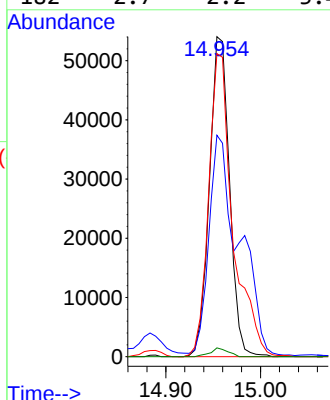
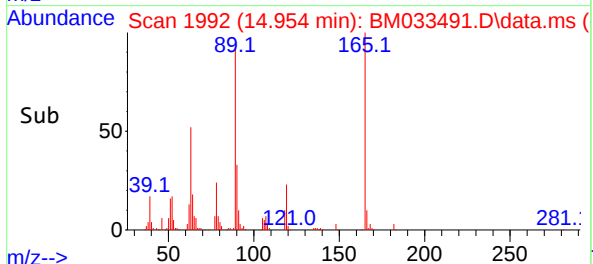
Instrument :
BNA_M
ClientSampleId :
PB141339BS



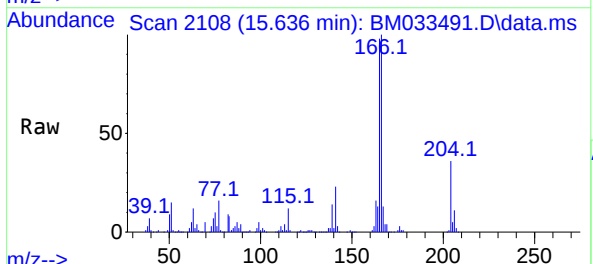
Tgt Ion:165 Resp: 7937
Ion Ratio Lower Upper
165 100
63 69.2 46.2 69.4
89 94.7 72.0 108.0
182 2.7 2.2 3.4

Manual Integrations
APPROVED

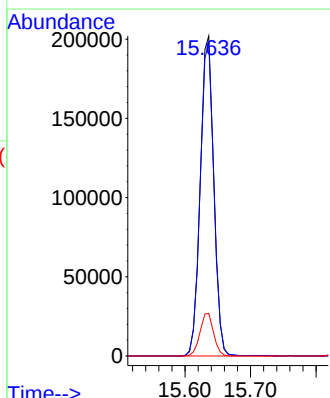
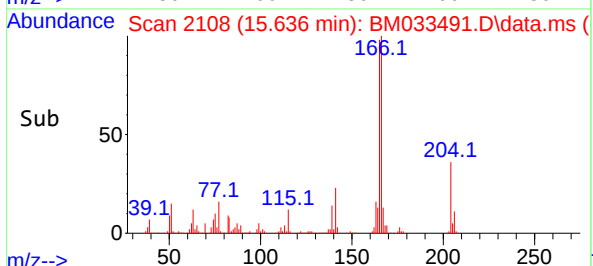
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

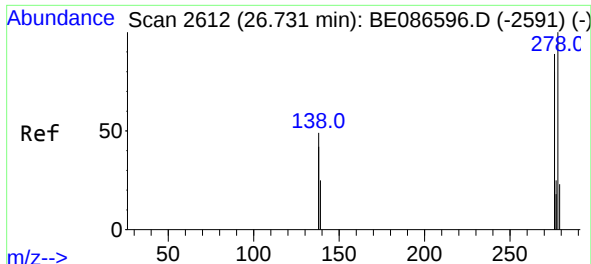


#58
Fluorene
Concen: 43.031 ng
RT: 15.636 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



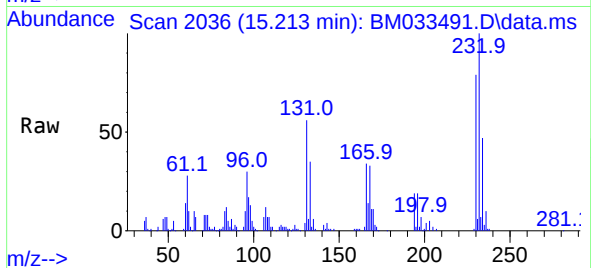
Tgt Ion:166 Resp: 290051
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.958 ng
RT: 15.213 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

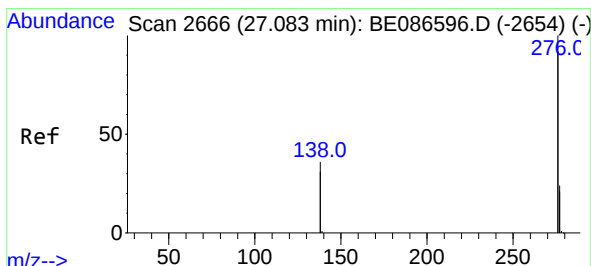
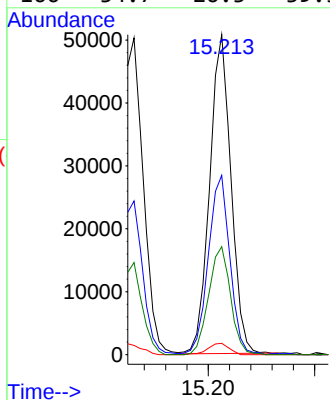
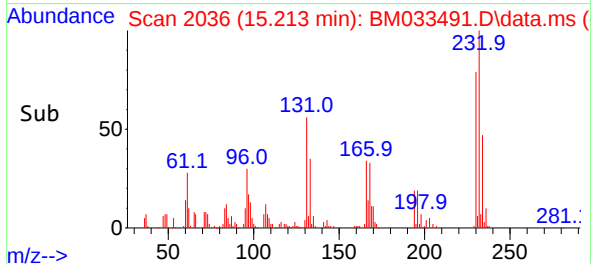
Instrument :
BNA_M
ClientSampleId :
PB141339BS



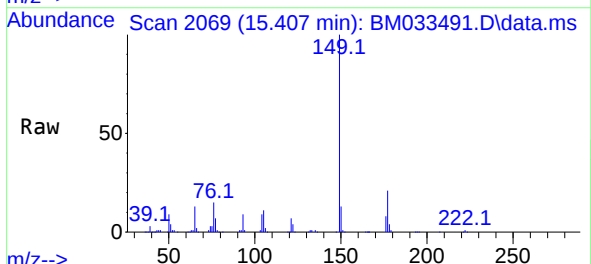
Tgt Ion:232 Resp: 70610
Ion Ratio Lower Upper
232 100
131 56.9 41.4 62.0
130 3.6 2.4 3.6
166 34.7 26.3 39.5

Manual Integrations
APPROVED

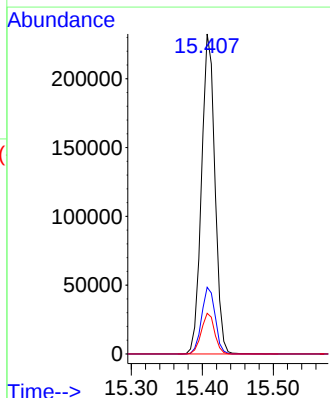
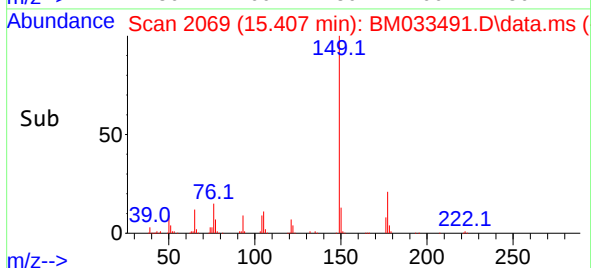
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

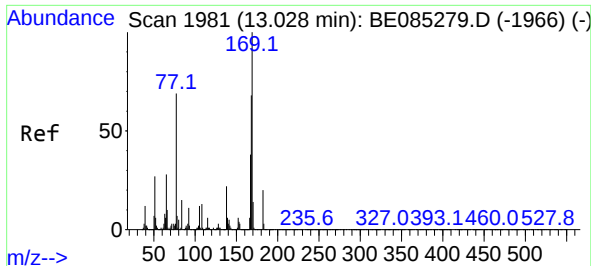


#60
Diethylphthalate
Concen: 41.629 ng
RT: 15.407 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



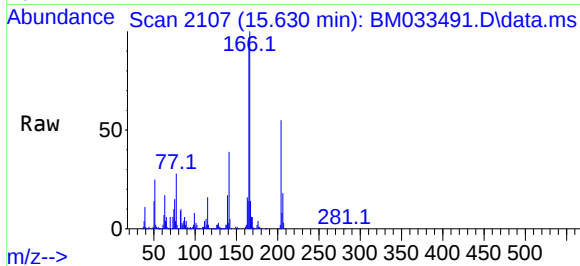
Tgt Ion:149 Resp: 305119
Ion Ratio Lower Upper
149 100
177 20.9 17.5 26.3
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.883 ng
RT: 15.630 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

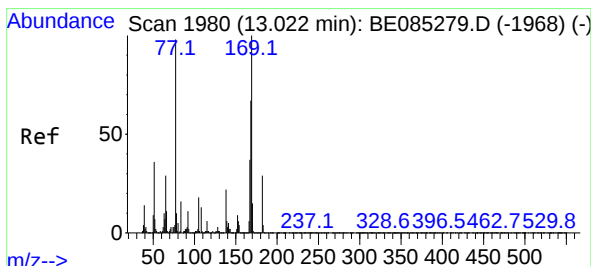
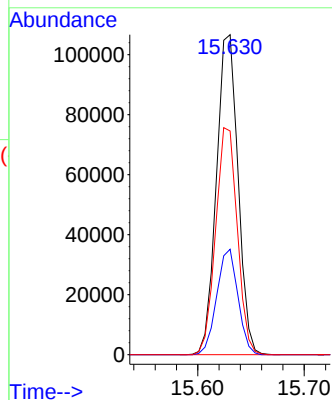
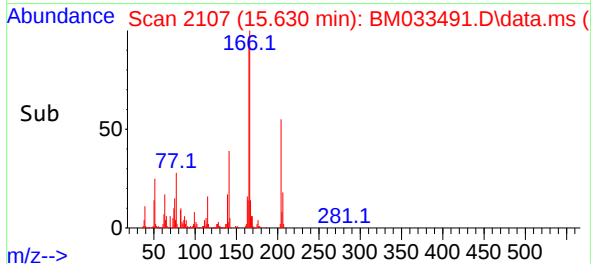
Instrument :
BNA_M
ClientSampleId :
PB141339BS



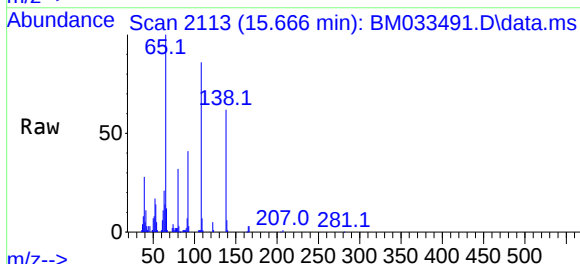
Tgt Ion:204 Resp: 15006
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.2
141 69.9 50.6 76.0

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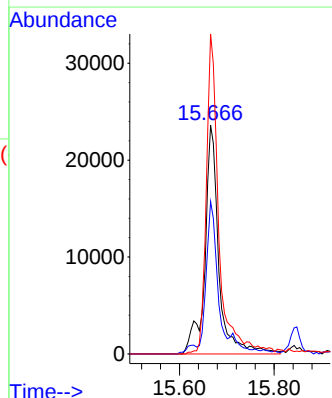
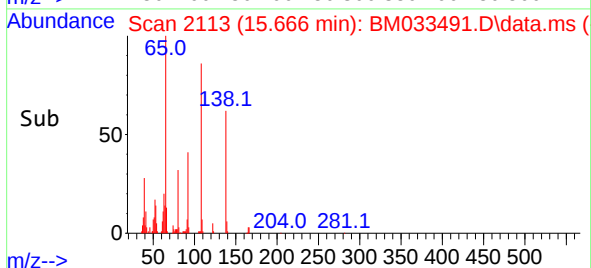
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

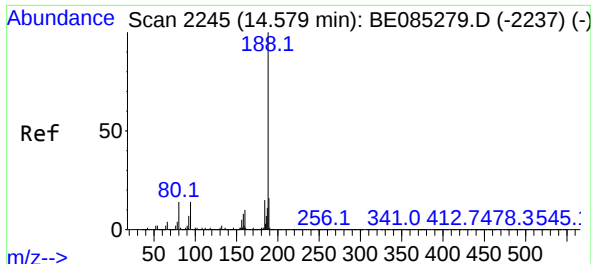


#62
4-Nitroaniline
Concen: 39.019 ng
RT: 15.666 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion:138 Resp: 48453
Ion Ratio Lower Upper
138 100
92 66.6 38.7 78.7
108 139.8 81.9 121.9





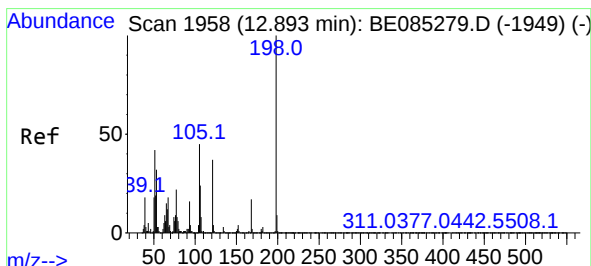
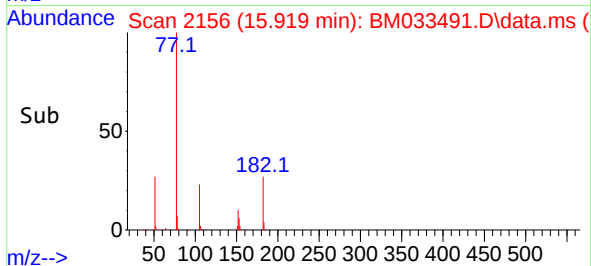
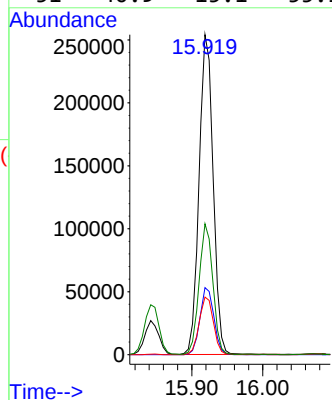
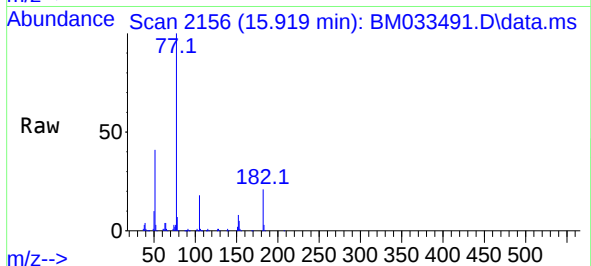
#63
Azobenzene
Concen: 42.620 ng
RT: 15.919 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

Tgt Ion: 77 Resp: 35045
Ion Ratio Lower Upper
77 100
182 21.0 0.3 40.3
105 18.0 0.0 38.3
51 40.9 15.1 55.1

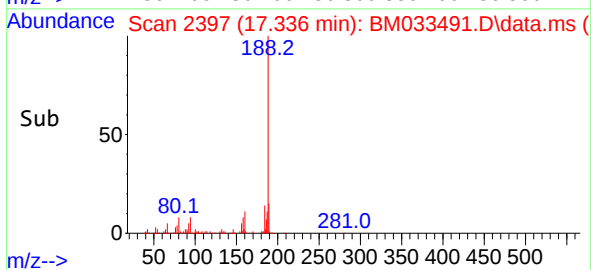
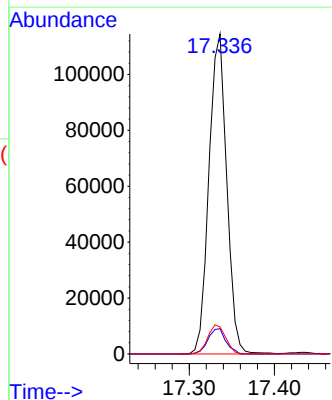
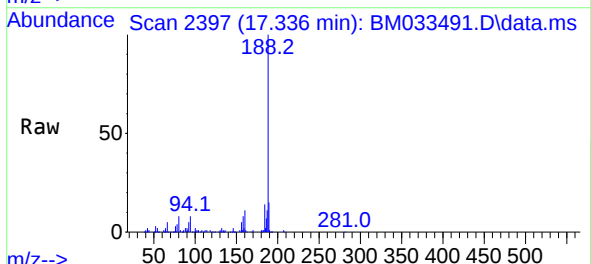
Manual Integrations
APPROVED

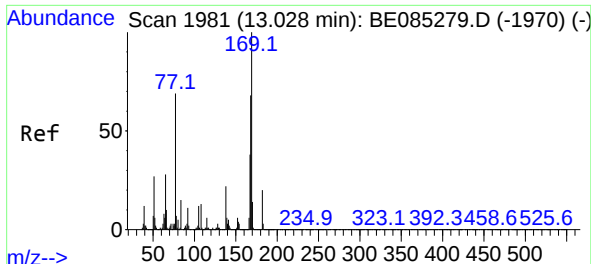
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:188 Resp: 165659
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 8.5 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 43.267 ng

RT: 15.719 min Scan# 2144

Delta R.T. -0.000 min

Lab File: BM033491.D

Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

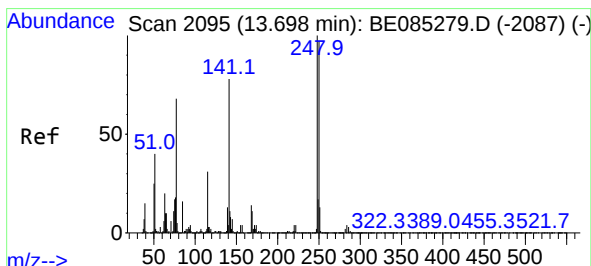
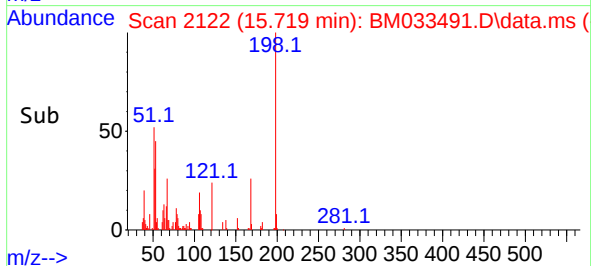
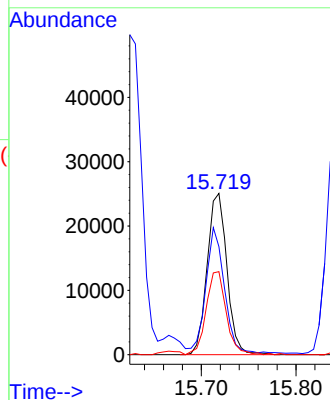
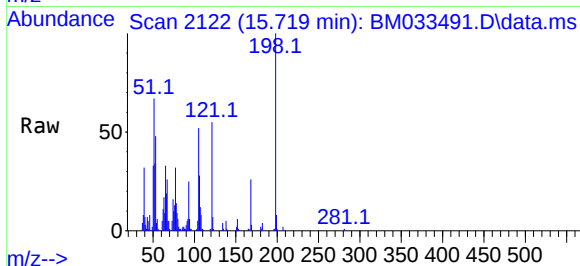
PB141339BS

Tgt Ion:198	Resp:	3645
Ion Ratio	Lower	Upper
198	100	
51	67.0	47.9 87.9
105	51.6	32.6 72.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 12/17/2021



#66

n-Nitrosodiphenylamine

Concen: 49.383 ng

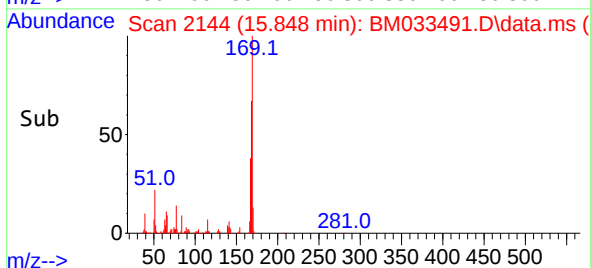
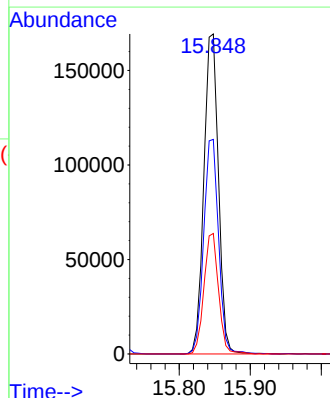
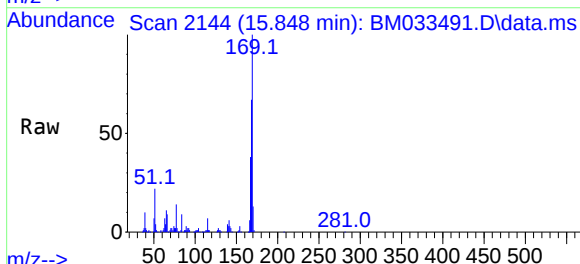
RT: 15.848 min Scan# 2144

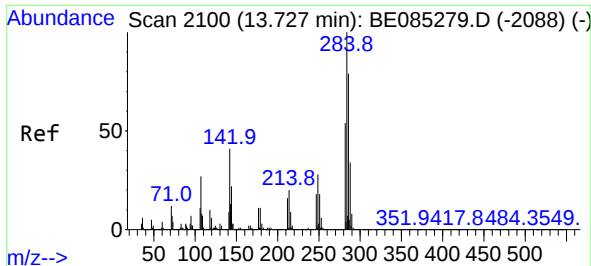
Delta R.T. -0.000 min

Lab File: BM033491.D

Acq: 16 Dec 2021 19:12

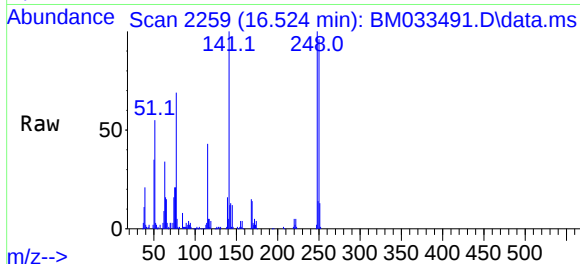
Tgt Ion:169	Resp:	242863
Ion Ratio	Lower	Upper
169	100	
168	67.1	52.5 78.7
167	37.7	28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 46.794 ng
RT: 16.524 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

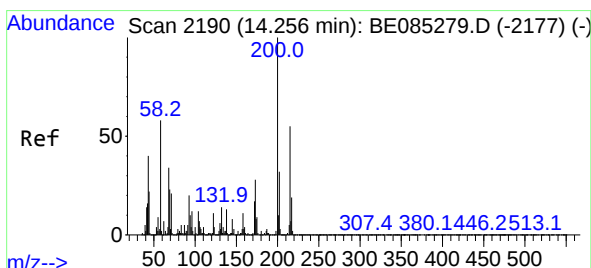
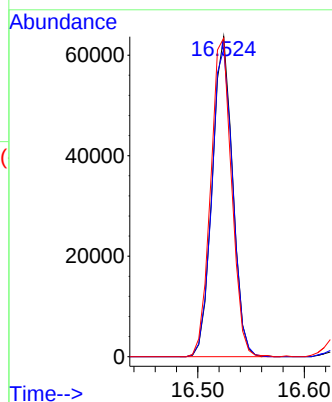
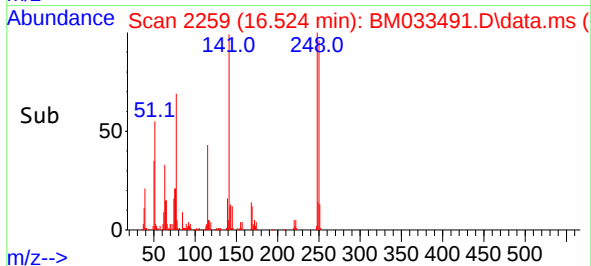
Instrument :
BNA_M
ClientSampleId :
PB141339BS



Tgt Ion: 248 Resp: 84580
Ion Ratio Lower Upper
248 100
250 96.1 78.2 117.2
141 99.5 65.4 98.2

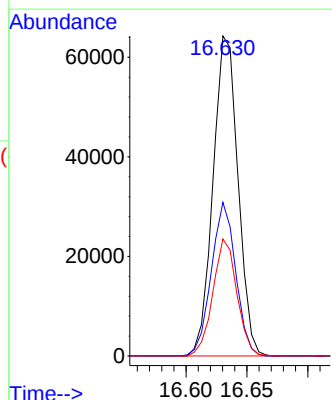
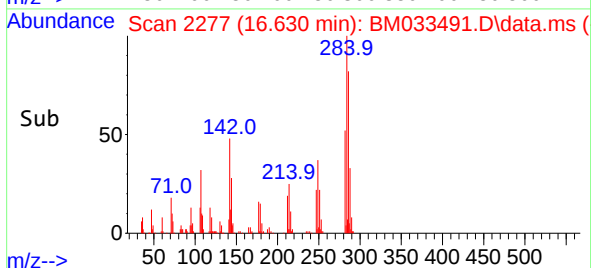
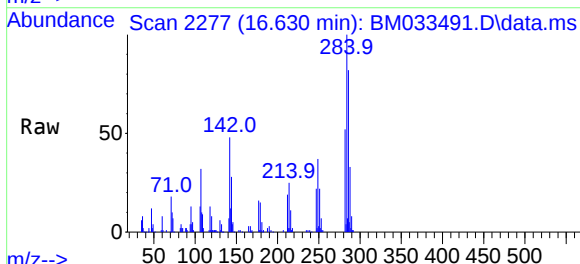
Manual Integrations
APPROVED

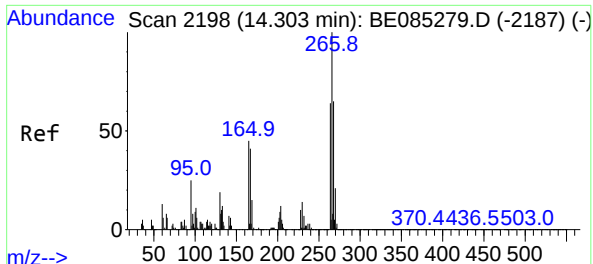
Reviewed By : Christian Giraldo 12/17/2021
Supervised By : Jagrut Upadhyay 12/17/2021



#68
Hexachlorobenzene
Concen: 47.190 ng
RT: 16.630 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion: 284 Resp: 91588
Ion Ratio Lower Upper
284 100
142 48.0 33.1 49.7
249 36.6 27.3 40.9





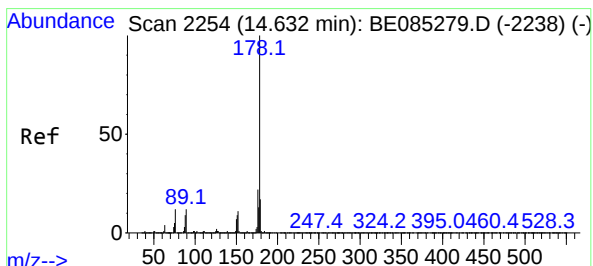
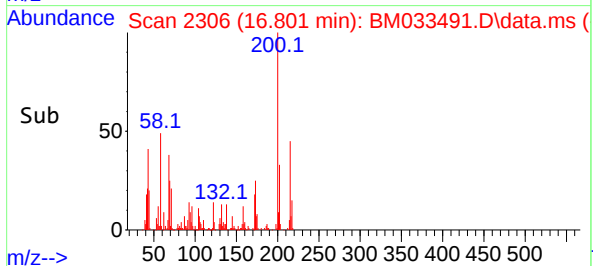
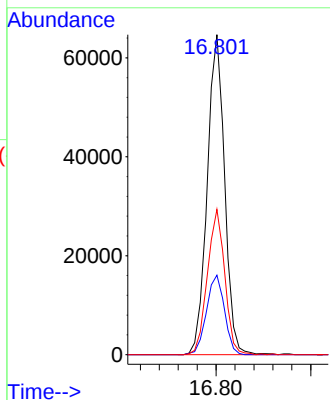
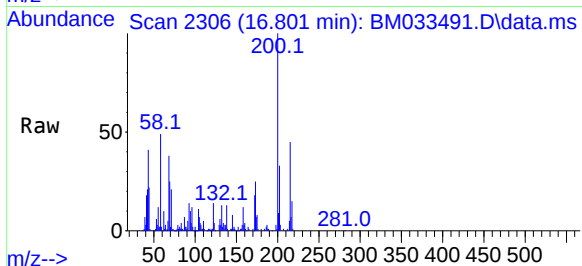
#69
Atrazine
Concen: 79.367 ng
RT: 16.801 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

Tgt Ion:200 Resp: 82754
Ion Ratio Lower Upper
200 100
173 24.9 7.3 47.3
215 45.4 25.7 65.7

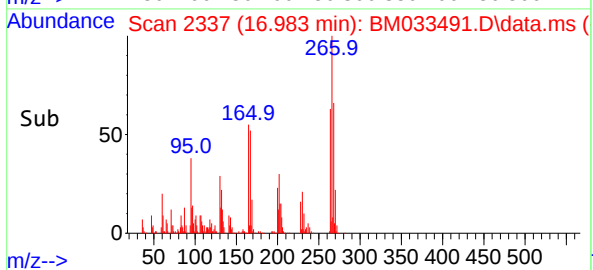
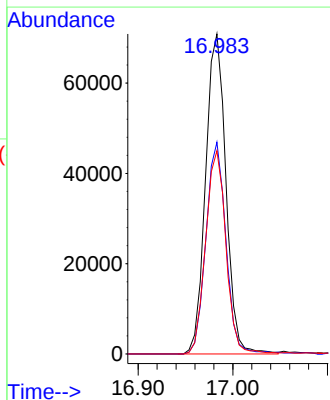
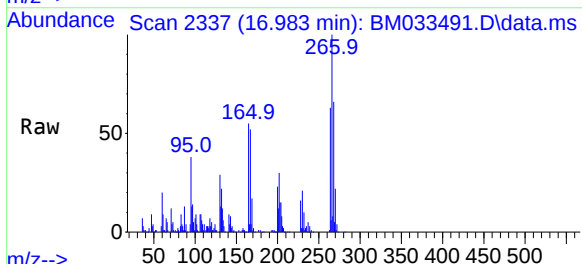
Manual Integrations
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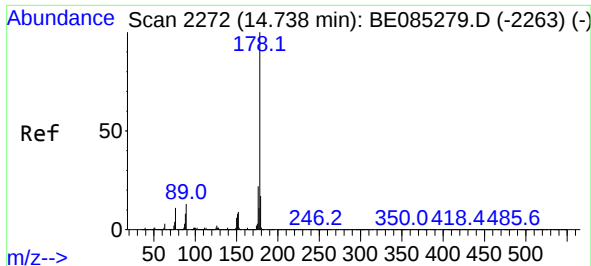
Reviewed By :Christian Giraldo 12/17/2021
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#70
Pentachlorophenol
Concen: 96.971 ng
RT: 16.983 min Scan# 2337
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:266 Resp: 105647
Ion Ratio Lower Upper
266 100
268 66.2 50.1 75.1
264 63.5 49.1 73.7





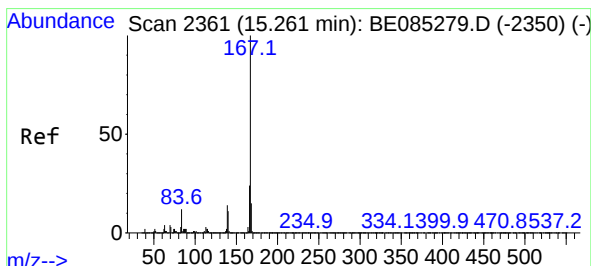
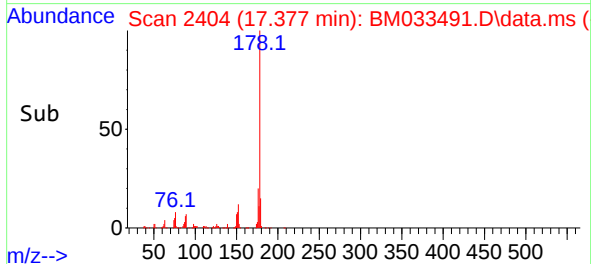
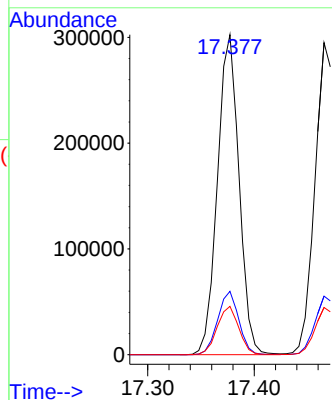
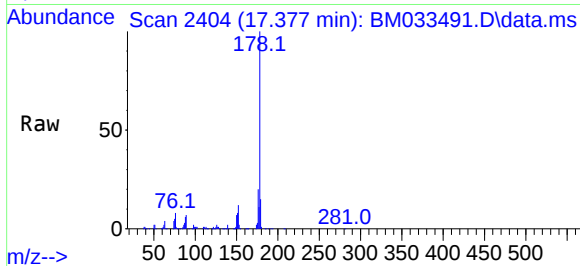
#71
Phenanthrene
Concen: 46.174 ng
RT: 17.377 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

Tgt Ion:178 Resp: 425719
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 15.1 12.0 18.0

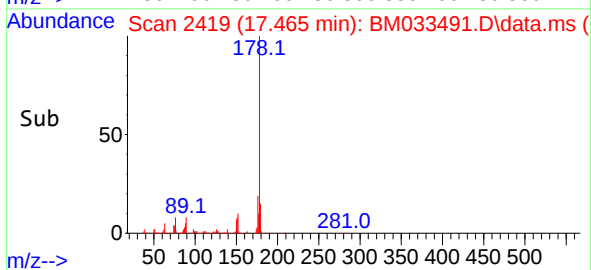
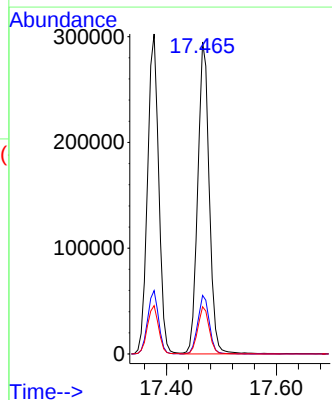
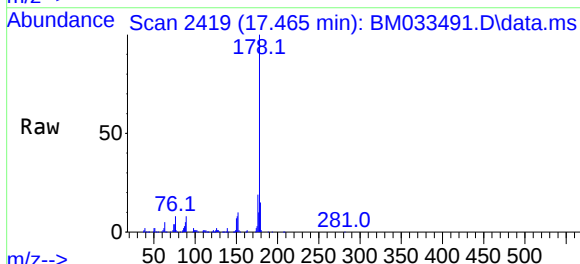
Manual Integrations
APPROVED

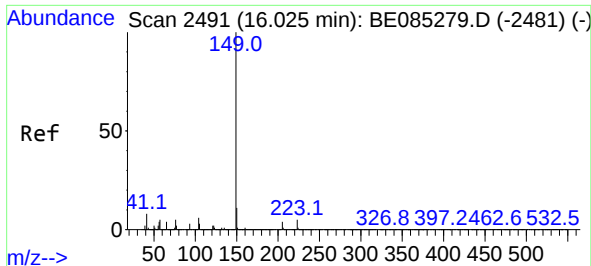
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#72
Anthracene
Concen: 47.446 ng
RT: 17.465 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:178 Resp: 427664
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 15.2 11.9 17.9





#73
 Carbazole
 Concen: 42.835 ng
 RT: 17.742 min Scan# 2491
 Delta R.T. -0.000 min
 Lab File: BM033491.D
 Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

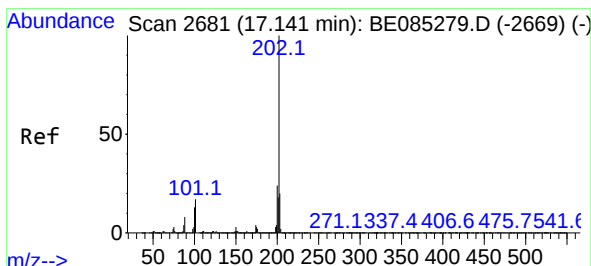
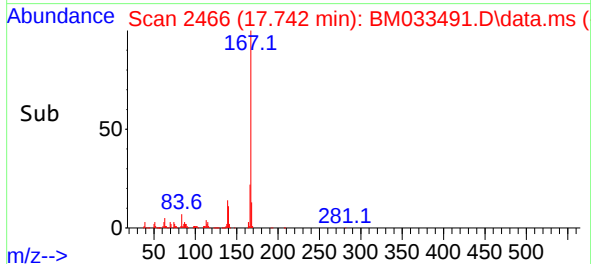
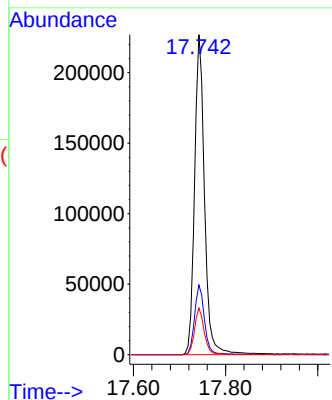
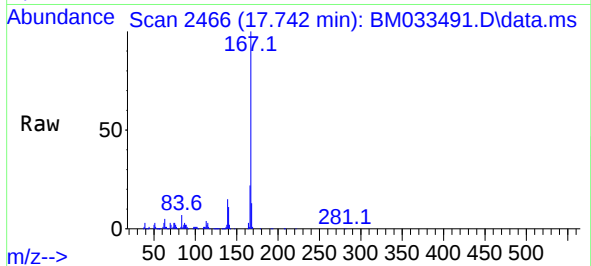
PB141339BS

Tgt Ion:167 Resp: 340885
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.6 11.0 16.4

Manual Integrations

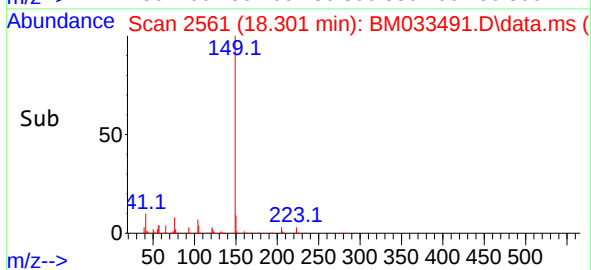
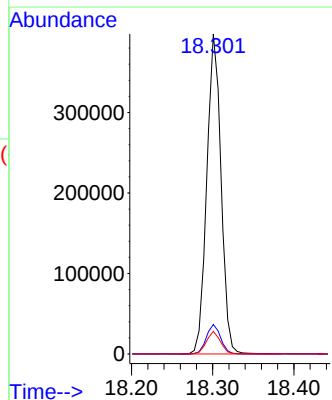
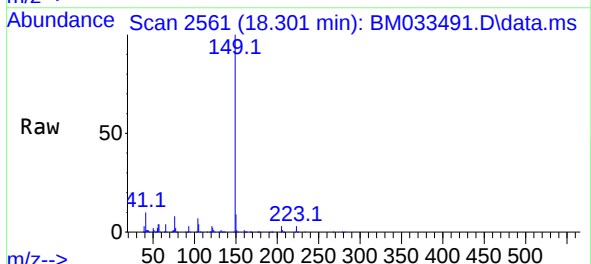
APPROVED

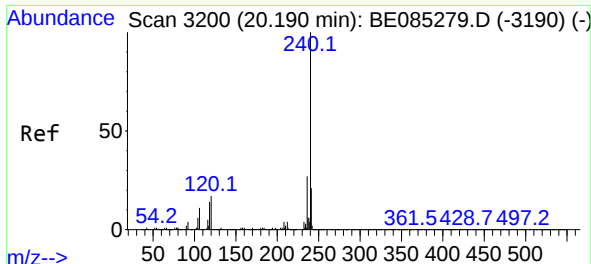
Reviewed By :Christian Giraldo 12/17/2021
 Supervised By :Jagrut Upadhyay 12/17/2021



#74
 Di-n-butylphthalate
 Concen: 43.710 ng
 RT: 18.301 min Scan# 2561
 Delta R.T. -0.000 min
 Lab File: BM033491.D
 Acq: 16 Dec 2021 19:12

Tgt Ion:149 Resp: 483570
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 7.0 4.6 6.8





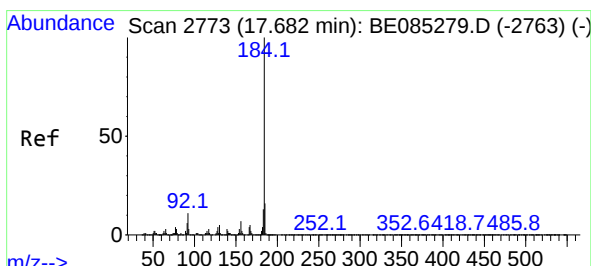
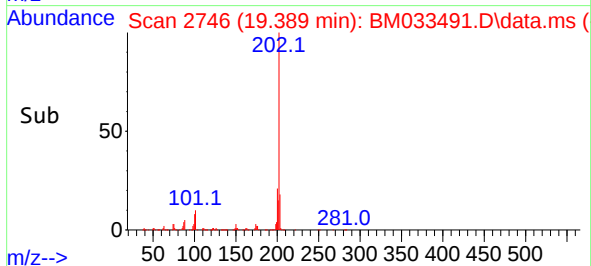
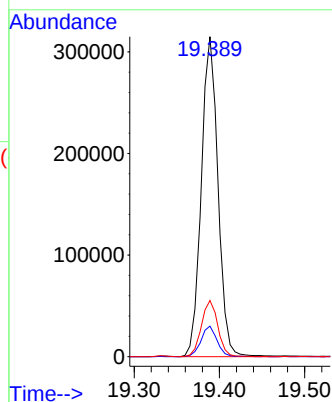
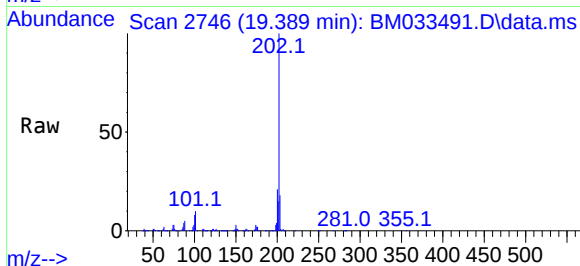
#75
Fluoranthene
Concen: 40.367 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

Tgt Ion:202 Resp: 428130
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.8
203 17.5 0.0 37.2

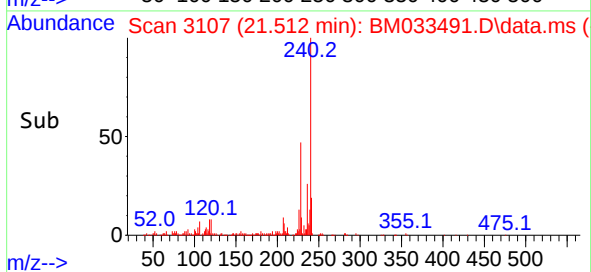
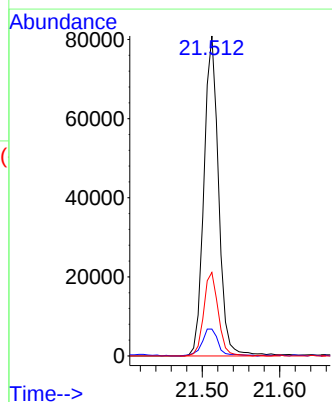
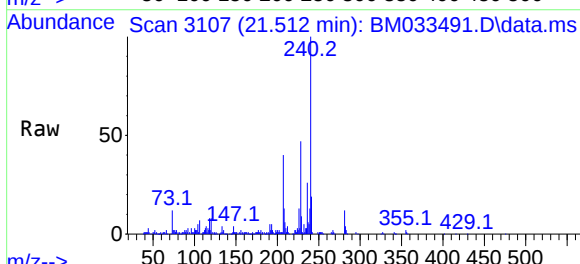
Manual Integrations
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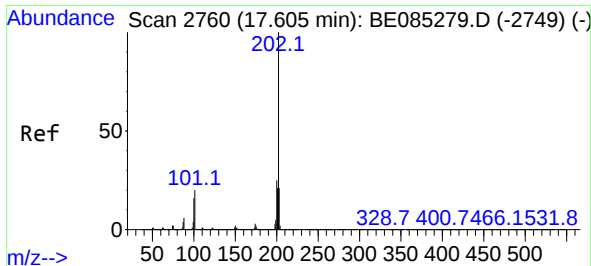
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

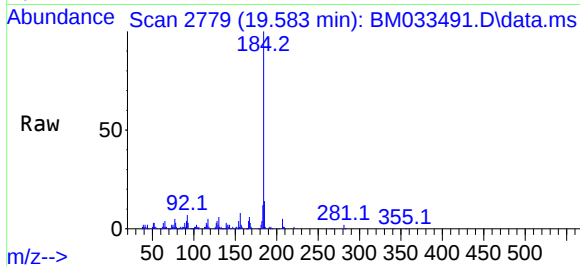
Tgt Ion:240 Resp: 106421
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 26.1 20.3 30.5





#77
Benzidine
Concen: 327.277 ng
RT: 19.583 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

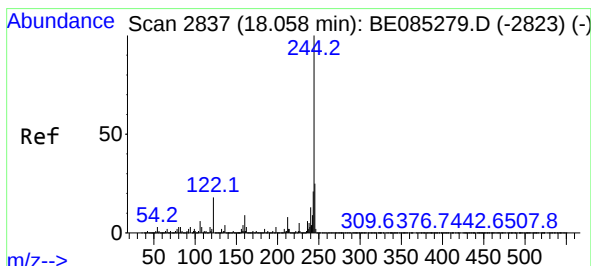
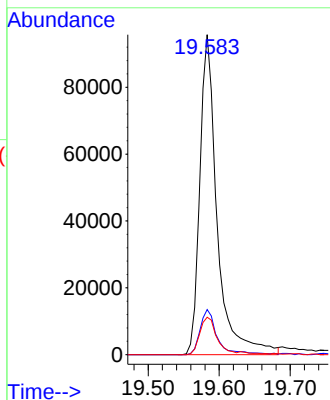
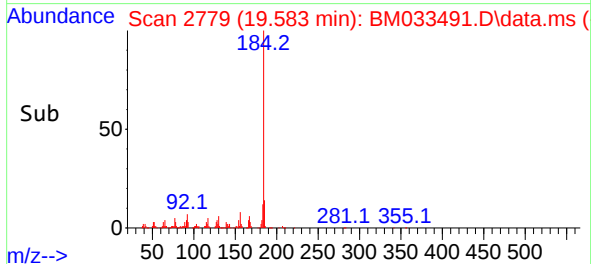
Instrument :
BNA_M
ClientSampleId :
PB141339BS



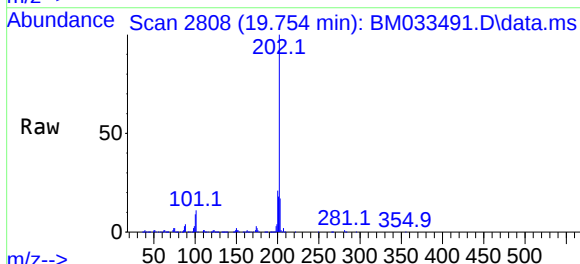
Tgt Ion:184 Resp: 162850
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.7 9.7 14.5

Manual Integrations
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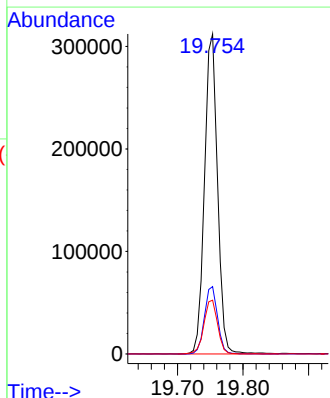
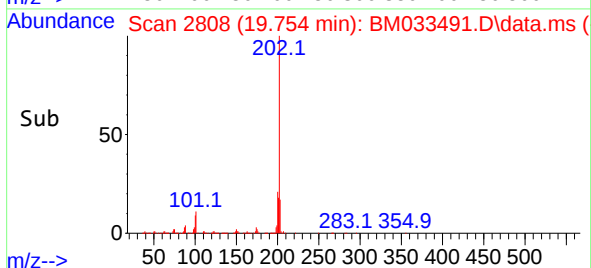
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

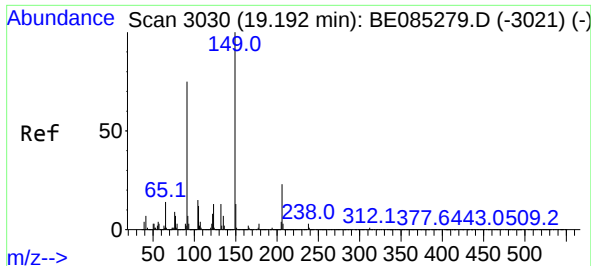


#78
Pyrene
Concen: 51.515 ng
RT: 19.754 min Scan# 2808
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



Tgt Ion:202 Resp: 432561
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 16.8 13.5 20.3





#79
 Terphenyl-d14
 Concen: 102.729 ng
 RT: 19.954 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033491.D
 Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

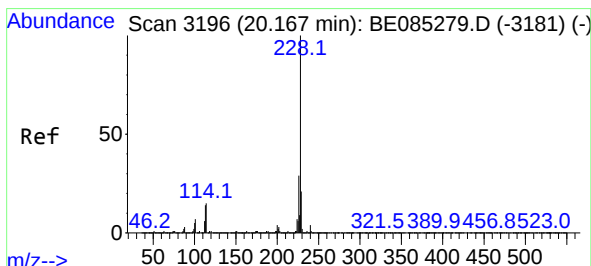
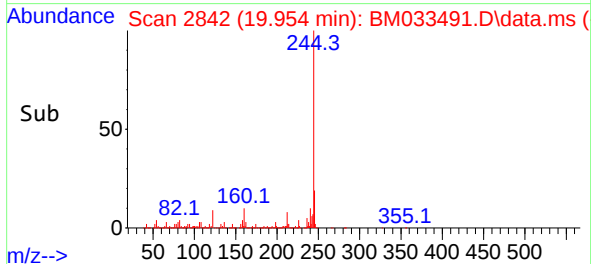
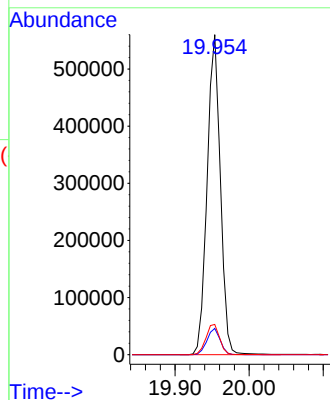
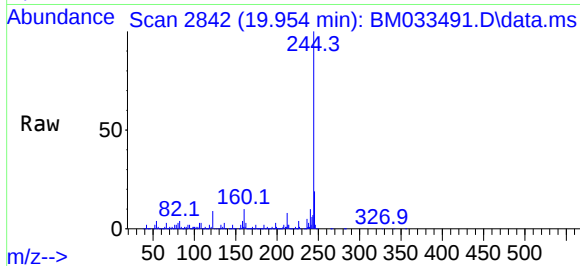
PB141339BS

Tgt Ion:244 Resp: 694420
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 9.5 8.4 12.6

Manual Integrations

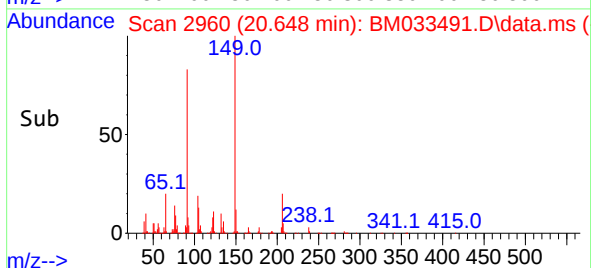
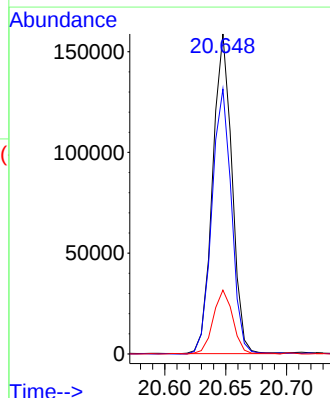
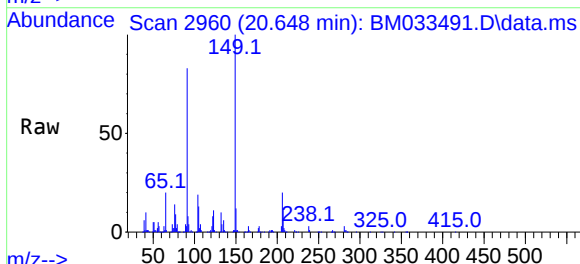
APPROVED

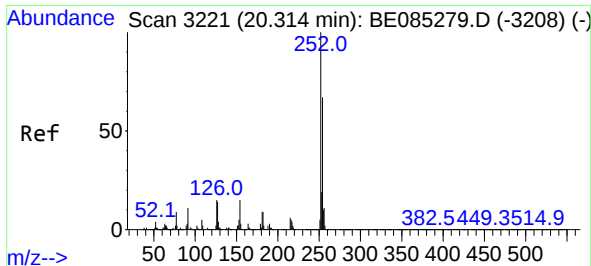
Reviewed By :Christian Giraldo 12/17/2021
 Supervised By :Jagrut Upadhyay 12/17/2021



#80
 Butylbenzylphthalate
 Concen: 46.569 ng
 RT: 20.648 min Scan# 2960
 Delta R.T. 0.000 min
 Lab File: BM033491.D
 Acq: 16 Dec 2021 19:12

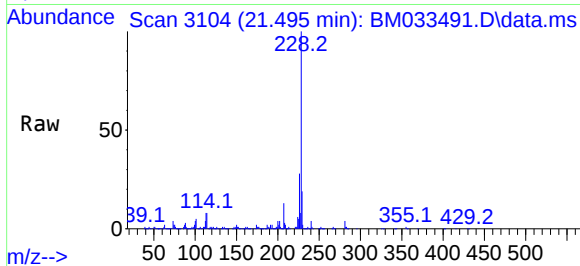
Tgt Ion:149 Resp: 175003
 Ion Ratio Lower Upper
 149 100
 91 82.8 63.4 95.0
 206 20.0 16.8 25.2





#81
Benzo(a)anthracene
Concen: 44.565 ng
RT: 21.495 min Scan# 3104
Delta R.T. -0.005 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

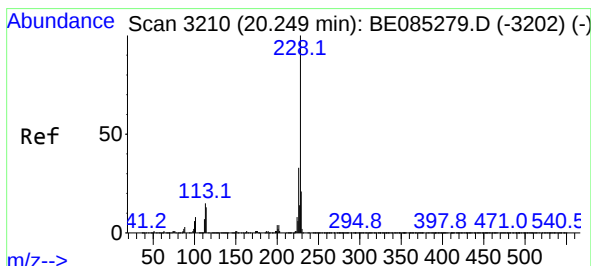
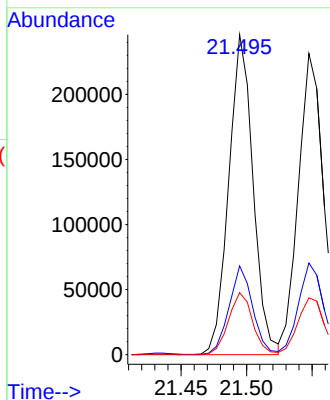
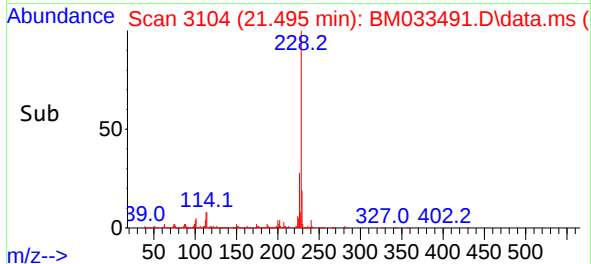
Instrument :
BNA_M
ClientSampleId :
PB141339BS



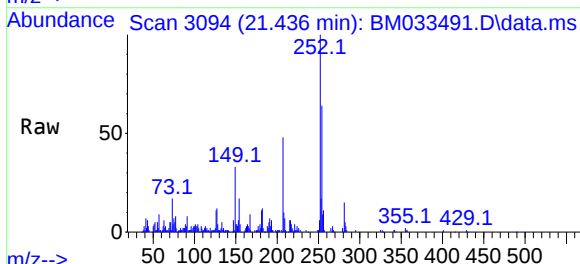
Tgt Ion:228 Resp: 31787
Ion Ratio Lower Upper
228 100
226 27.8 21.0 31.6
229 19.4 15.5 23.3

Manual Integrations
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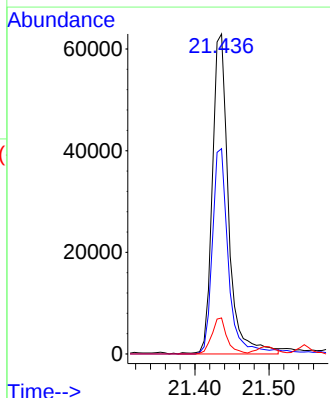
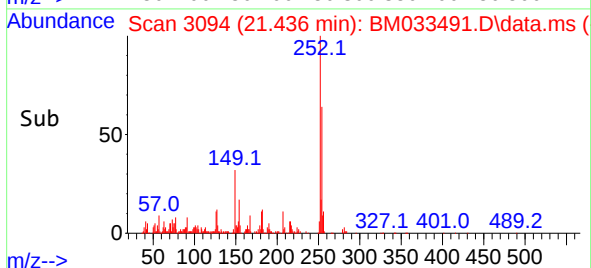
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

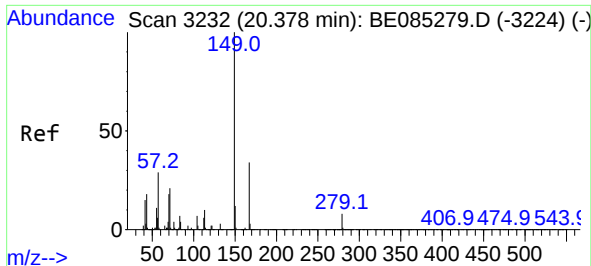


#82
3,3'-Dichlorobenzidine
Concen: 34.079 ng
RT: 21.436 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



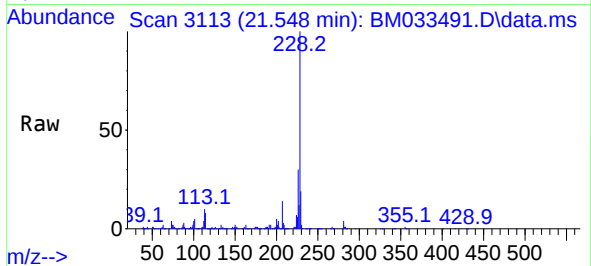
Tgt Ion:252 Resp: 95305
Ion Ratio Lower Upper
252 100
254 64.1 50.9 76.3
126 11.3 8.8 13.2





#83
Chrysene
Concen: 45.480 ng
RT: 21.548 min Scan# 3091
Delta R.T. -0.005 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

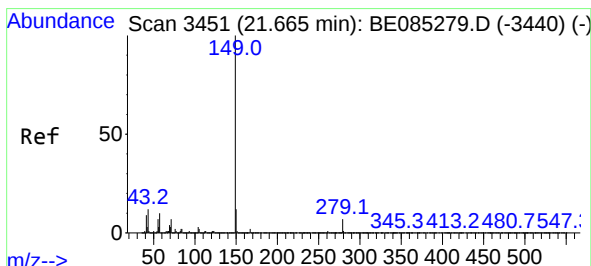
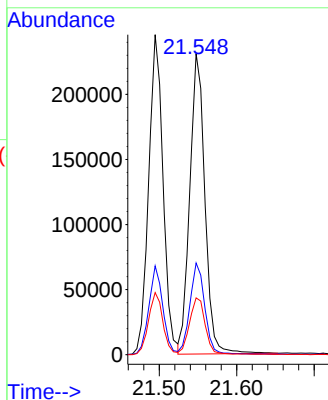
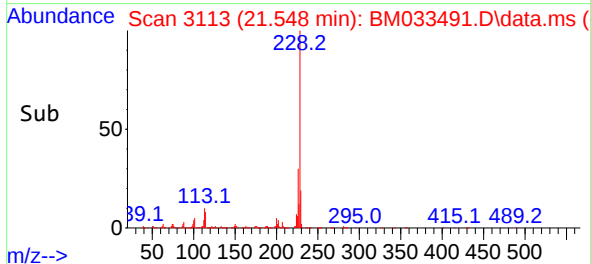
Instrument :
BNA_M
ClientSampleId :
PB141339BS



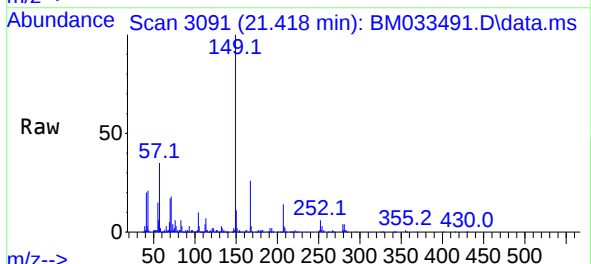
Tgt Ion: 228 Resp: 312338
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 18.9 15.8 23.8

Manual Integrations
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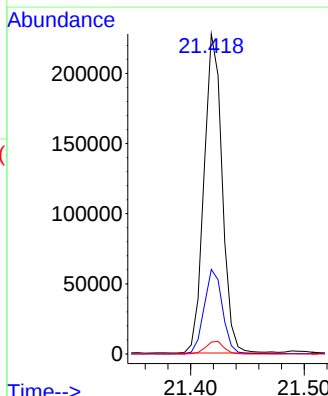
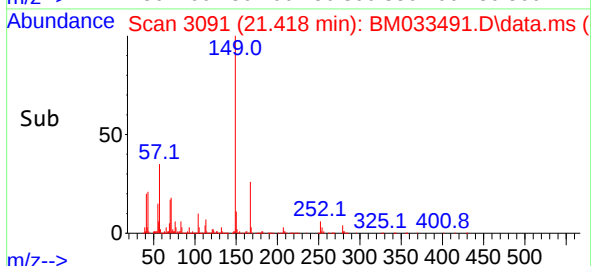
Reviewed By : Christian Giraldo 12/17/2021
Supervised By : Jagrut Upadhyay 12/17/2021

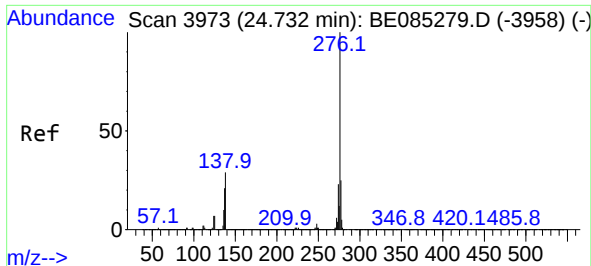


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.791 ng
RT: 21.418 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12



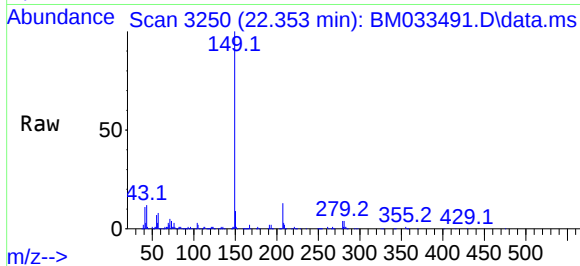
Tgt Ion: 149 Resp: 252216
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.7 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 43.974 ng
RT: 22.353 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

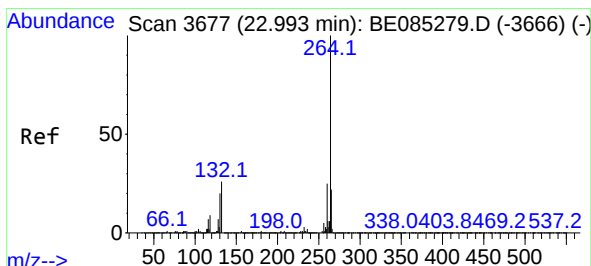
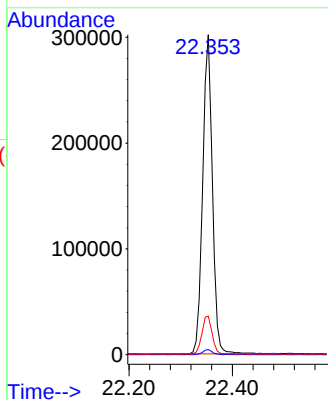
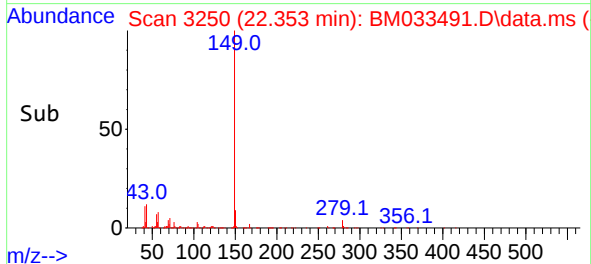
Instrument :
BNA_M
ClientSampleId :
PB141339BS



Tgt Ion:149 Resp: 39373
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.6 10.4 15.6

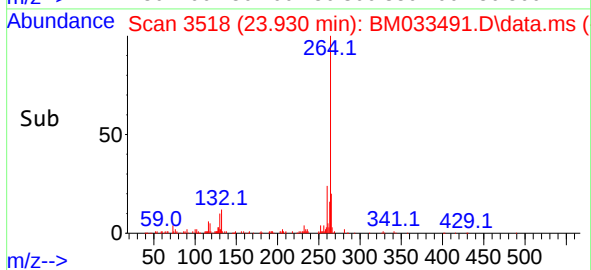
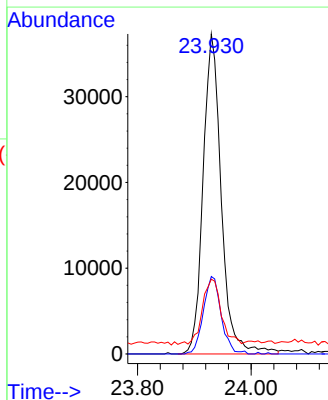
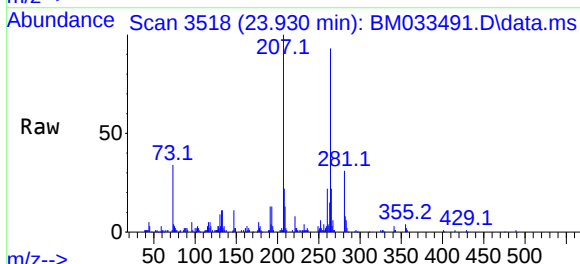
Manual Integrations
APPROVED

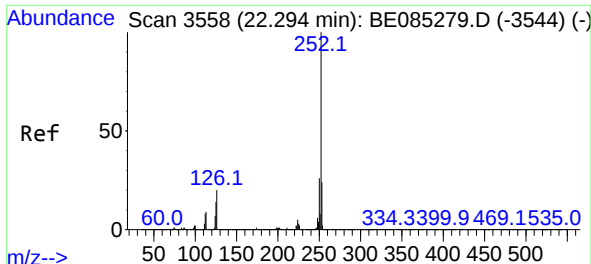
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.930 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:264 Resp: 82776
Ion Ratio Lower Upper
264 100
260 24.2 17.7 26.5
265 23.3 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.642 ng
RT: 26.441 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :

BNA_M

ClientSampleId :

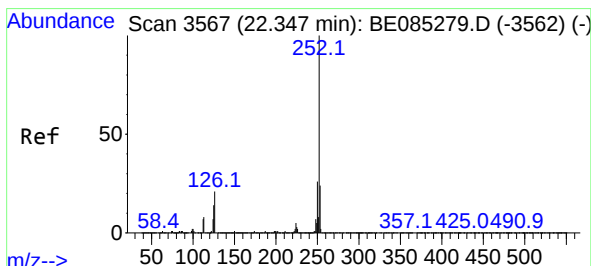
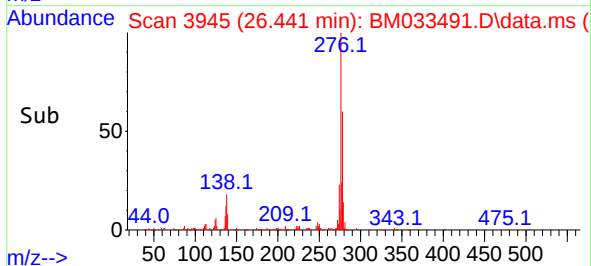
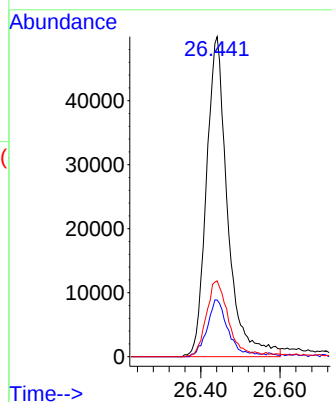
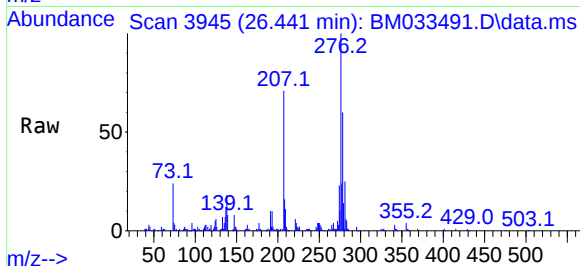
PB141339BS

Tgt Ion:276 Resp: 185631
Ion Ratio Lower Upper
276 100
138 17.6 18.7 28.1
277 24.3 20.2 30.4

Manual Integrations

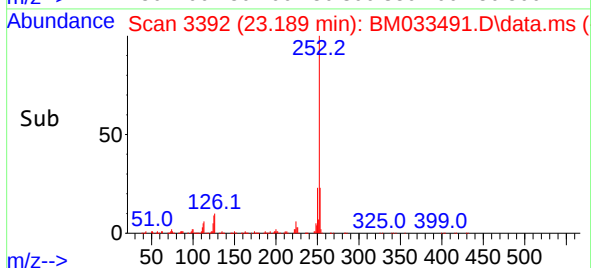
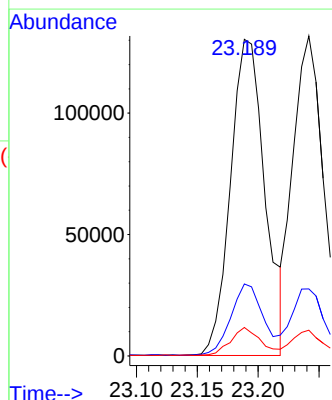
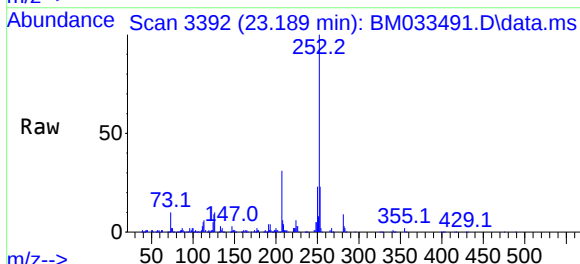
APPROVED

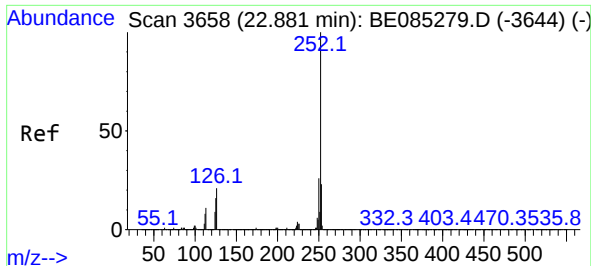
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#88
Benzo(b)fluoranthene
Concen: 48.349 ng
RT: 23.189 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:252 Resp: 256631
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 9.0 7.4 11.2





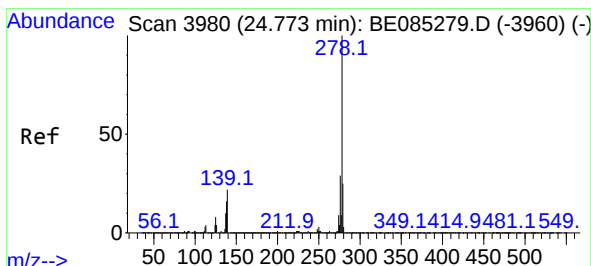
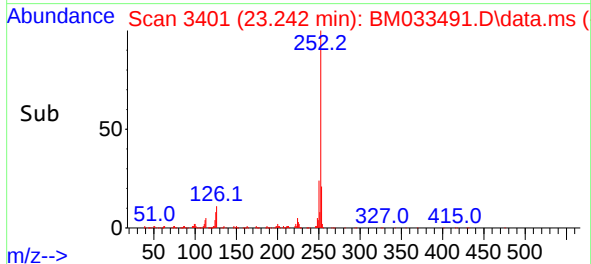
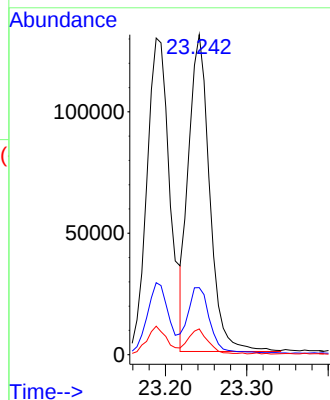
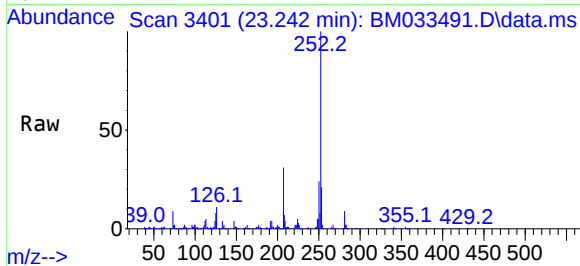
#89
Benzo(k)fluoranthene
Concen: 43.667 ng m
RT: 23.242 min Scan# 34
Delta R.T. -0.005 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

Tgt Ion:252 Resp: 23444
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 8.1 8.1 12.1

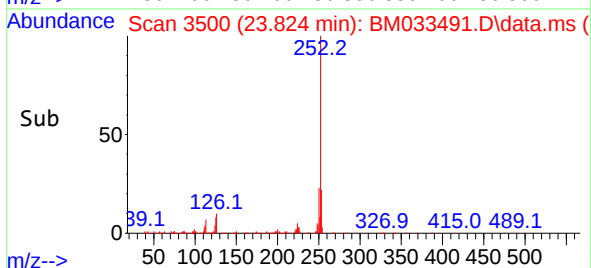
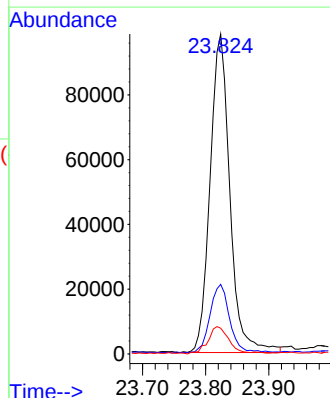
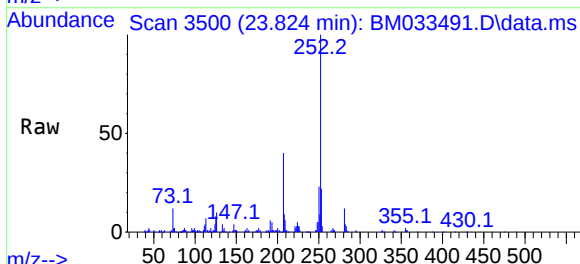
Manual Integrations
APPROVED

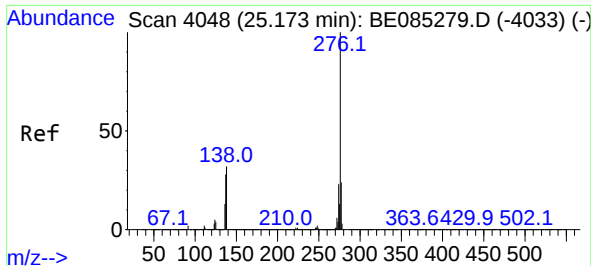
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021



#90
Benzo(a)pyrene
Concen: 54.012 ng
RT: 23.824 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion:252 Resp: 214542
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.0 7.8 11.8





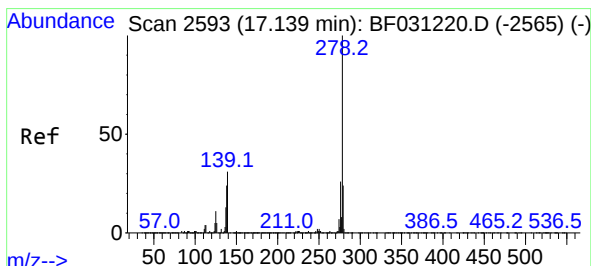
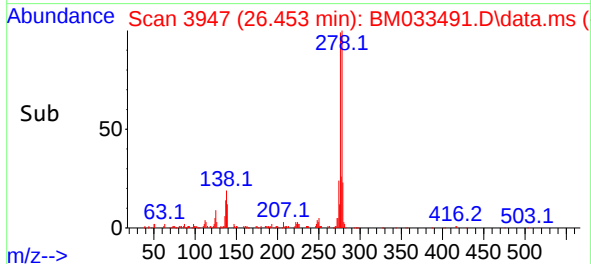
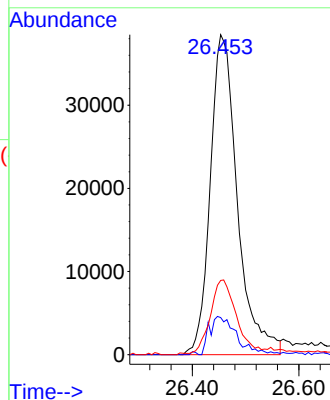
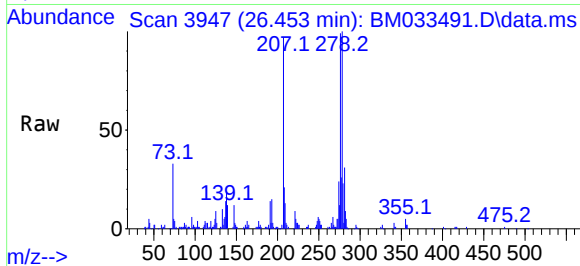
#91
Dibenzo(a,h)anthracene
Concen: 47.585 ng
RT: 26.453 min Scan# 3947
Delta R.T. -0.012 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_M
ClientSampleId :
PB141339BS

Tgt Ion: 278 Resp: 13621
Ion Ratio Lower Upper
278 100
139 11.6 10.9 16.3
279 23.2 17.7 26.5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 12/17/2021
Supervised By : Jagrut Upadhyay 12/17/2021



#92
Benzo(g,h,i)perylene
Concen: 50.704 ng
RT: 27.212 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM033491.D
Acq: 16 Dec 2021 19:12

Tgt Ion: 276 Resp: 186642
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 15.3 14.8 22.2

