

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033511.D
 Acq On : 17 Dec 2021 18:17
 Operator : CG/JU
 Sample : M5051-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-2MSD

Quant Time: Dec 18 04:53:50 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/18/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	46996	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	197742	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	135229	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	262231	20.000	ng	0.00
76) Chrysene-d12	21.506	240	158998	20.000	ng	0.00
86) Perylene-d12	23.918	264	140713	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	410493	150.720	ng	0.00
7) Phenol-d6	7.113	99	515925	141.156	ng	0.00
23) Nitrobenzene-d5	9.113	82	461318	100.171	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	223163	146.704	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	983372	100.593	ng	0.00
79) Terphenyl-d14	19.948	244	1174838	116.327	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	45276	45.930	ng	# 47
3) Pyridine	3.813	79	83204	28.678	ng	# 90
4) n-Nitrosodimethylamine	3.713	42	103664	50.233	ng	89
6) Aniline	7.272	93	115879	27.760	ng	96
8) 2-Chlorophenol	7.501	128	165214	55.957	ng	99
9) Benzaldehyde	7.078	77	104305	47.476	ng	96
10) Phenol	7.137	94	197148	53.392	ng	88
11) bis(2-Chloroethyl)ether	7.366	93	161907	55.648	ng	100
12) 1,3-Dichlorobenzene	7.825	146	179250	49.973	ng	95
13) 1,4-Dichlorobenzene	7.972	146	184545	50.133	ng	98
14) 1,2-Dichlorobenzene	8.290	146	180927	50.103	ng	99
15) Benzyl Alcohol	8.190	79	200986	61.010	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.472	45	276293	53.408	ng	98
17) 2-Methylphenol	8.390	107	151265	57.643	ng	94
18) Hexachloroethane	9.013	117	75520	49.238	ng	97
19) n-Nitroso-di-n-propyla...	8.760	70	160053	55.544	ng	95
20) 3+4-Methylphenols	8.725	107	202024	57.713	ng	93
22) Acetophenone	8.772	105	296961	55.468	ng	# 93
24) Nitrobenzene	9.154	77	248747	54.989	ng	97
25) Isophorone	9.684	82	408422	54.776	ng	99
26) 2-Nitrophenol	9.860	139	94911	60.069	ng	# 90
27) 2,4-Dimethylphenol	9.925	122	167846	64.639	ng	96
28) bis(2-Chloroethoxy)met...	10.160	93	221407	54.061	ng	98
29) 2,4-Dichlorophenol	10.401	162	172980	58.405	ng	98
30) 1,2,4-Trichlorobenzene	10.607	180	190281	50.668	ng	99
31) Naphthalene	10.801	128	561670	52.434	ng	100
32) Benzoic acid	10.113	122	111012	60.479	ng	94
33) 4-Chloroaniline	10.931	127	41434	11.956	ng	97
34) Hexachlorobutadiene	11.072	225	125224	47.825	ng	98
35) Caprolactam	11.742	113	45179m	77.216	ng	
36) 4-Chloro-3-methylphenol	12.048	107	212854	55.993	ng	97
37) 2-Methylnaphthalene	12.407	142	416511	56.210	ng	96
38) 1-Methylnaphthalene	12.625	142	389411	52.686	ng	98
40) 1,2,4,5-Tetrachloroben...	12.772	216	223066	57.262	ng	99
41) Hexachlorocyclopentadiene	12.748	237	213176	126.542	ng	98
43) 2,4,6-Trichlorophenol	13.019	196	150162	57.647	ng	99

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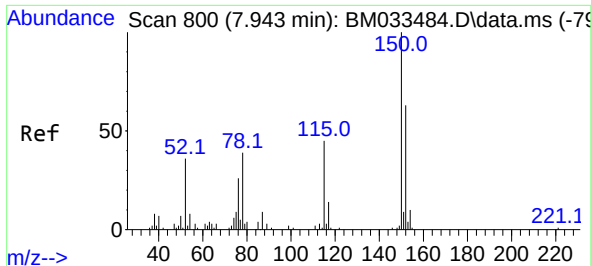
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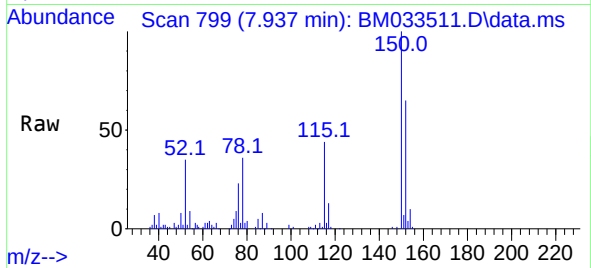
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	159184	57.262	ng	96
46) 1,1'-Biphenyl	13.419	154	564880	56.412	ng	98
47) 2-Chloronaphthalene	13.460	162	425684	54.994	ng	98
48) 2-Nitroaniline	13.677	65	165579	62.789	ng	99
49) Acenaphthylene	14.307	152	681922	55.606	ng	99
50) Dimethylphthalate	14.048	163	567346	55.389	ng	99
51) 2,6-Dinitrotoluene	14.172	165	113557	58.660	ng	# 81
52) Acenaphthene	14.648	154	407481	54.710	ng	99
53) 3-Nitroaniline	14.501	138	69603	38.336	ng	93
54) 2,4-Dinitrophenol	14.707	184	91939	89.254	ng	# 83
55) Dibenzofuran	14.983	168	661826	52.434	ng	95
56) 4-Nitrophenol	14.819	139	160286	109.124	ng	# 79
57) 2,4-Dinitrotoluene	14.954	165	163298	61.682	ng	94
58) Fluorene	15.630	166	544796	53.783	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.213	232	136278	53.882	ng	96
60) Diethylphthalate	15.407	149	589582	53.527	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	275873	52.458	ng	92
62) 4-Nitroaniline	15.671	138	105287	55.275	ng	# 79
63) Azobenzene	15.918	77	651443	52.719	ng	96
65) 4,6-Dinitro-2-methylph...	15.718	198	66424	49.809	ng	95
66) n-Nitrosodiphenylamine	15.842	169	458312	58.872	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	160000	55.921	ng	# 87
68) Hexachlorobenzene	16.630	284	172368	56.104	ng	98
69) Atrazine	16.801	200	169049	102.422	ng	99
70) Pentachlorophenol	16.983	266	211239	122.487	ng	100
71) Phenanthrene	17.371	178	794410	54.431	ng	99
72) Anthracene	17.465	178	810141	56.779	ng	99
73) Carbazole	17.742	167	671405	53.297	ng	99
74) Di-n-butylphthalate	18.295	149	982911	56.126	ng	99
75) Fluoranthene	19.383	202	787378	46.898	ng	99
77) Benzidine	19.577	184	132175	177.792	ng	99
78) Pyrene	19.748	202	772295	61.561	ng	98
80) Butylbenzylphthalate	20.642	149	357780	63.724	ng	95
81) Benzo(a)anthracene	21.489	228	567019	53.208	ng	99
82) 3,3'-Dichlorobenzidine	21.430	252	173123	41.434	ng	98
83) Chrysene	21.547	228	544684	53.085	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	509136	61.870	ng	100
85) Di-n-octyl phthalate	22.347	149	749938	56.061	ng	100
87) Indeno(1,2,3-cd)pyrene	26.430	276	447793	69.024	ng	# 95
88) Benzo(b)fluoranthene	23.189	252	520189	57.651	ng	98
89) Benzo(k)fluoranthene	23.236	252	469579	51.450	ng	# 96
90) Benzo(a)pyrene	23.818	252	458863	67.956	ng	# 97
91) Dibenzo(a,h)anthracene	26.447	278	359224	73.822	ng	95
92) Benzo(g,h,i)perylene	27.200	276	424237	67.797	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

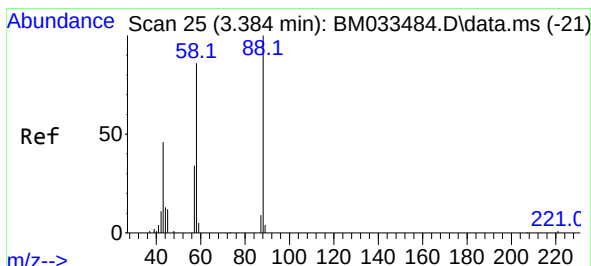
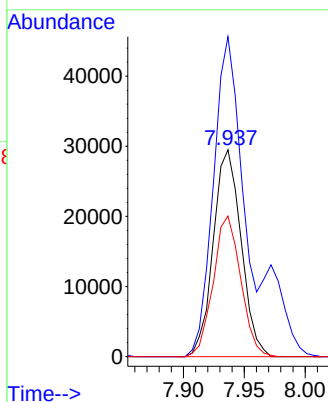
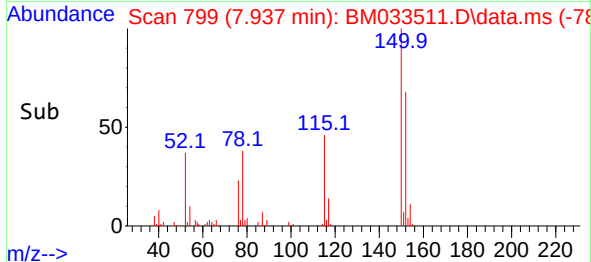
Instrument :
BNA_M
ClientSampleId :
P-2MSD



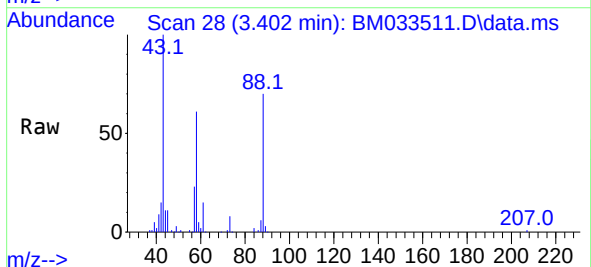
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Ion Ratio Lower Upper
152 100
150 154.7 128.9 193.3
115 68.0 53.0 79.6

Manual Integrations
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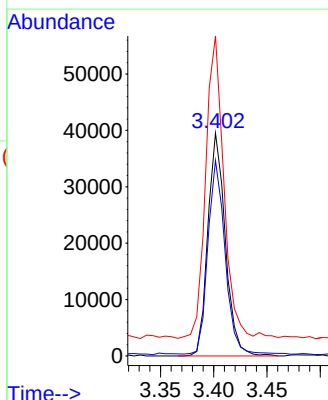
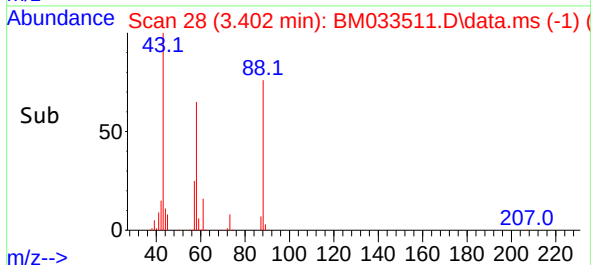
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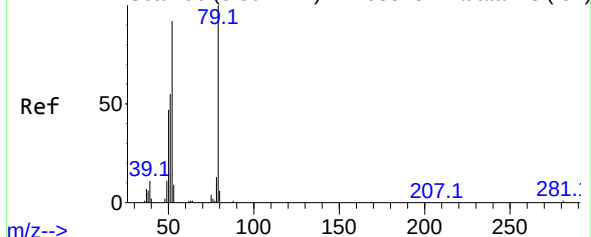
#2
1,4-Dioxane
Concen: 45.930 ng
RT: 3.402 min Scan# 28
Delta R.T. 0.018 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



Tgt Ion: 88 Resp: 45276
Ion Ratio Lower Upper
88 100
58 84.8 67.0 100.4
43 139.6 31.6 47.4#

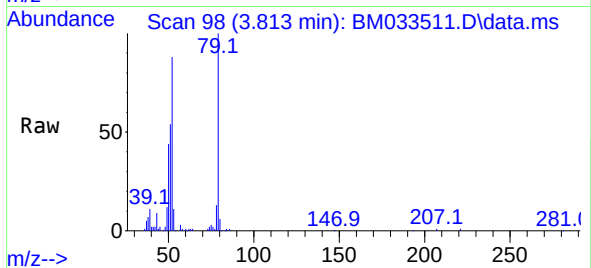


Abundance Scan 96 (3.802 min): BM033484.D\data.ms (-92)



#3
Pyridine
Concen: 28.678 ng
RT: 3.813 min Scan# 90
Delta R.T. 0.011 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

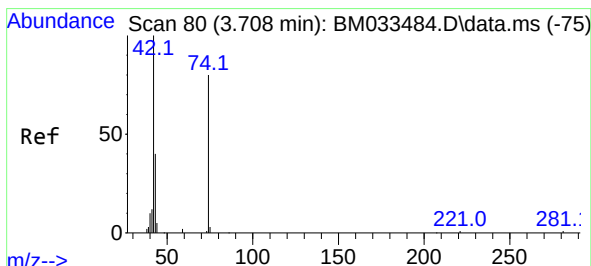
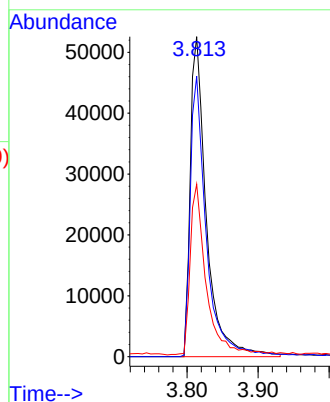
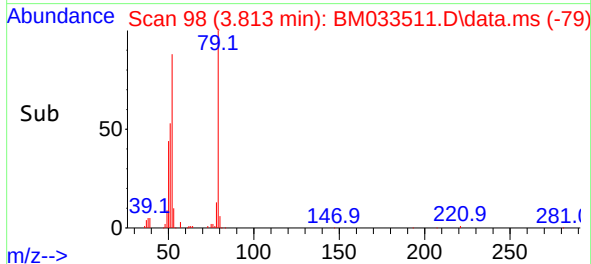
Instrument :
BNA_M
ClientSampleId :
P-2MSD



Tgt Ion: 79 Resp: 83204
Ion Ratio Lower Upper
79 100
52 87.6 65.4 98.2
51 53.9 34.8 52.2

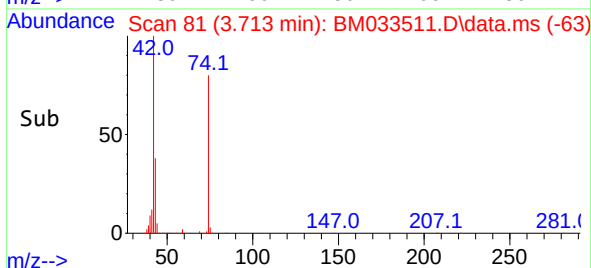
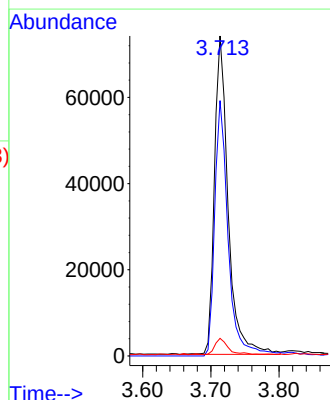
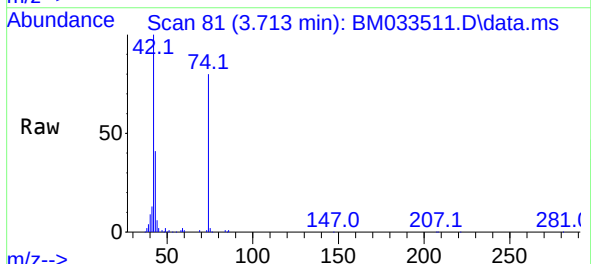
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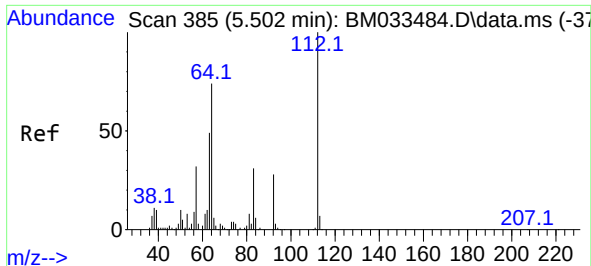
Reviewed By :Christian Giraldo 12/18/2021
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#4
n-Nitrosodimethylamine
Concen: 50.233 ng
RT: 3.713 min Scan# 81
Delta R.T. 0.005 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

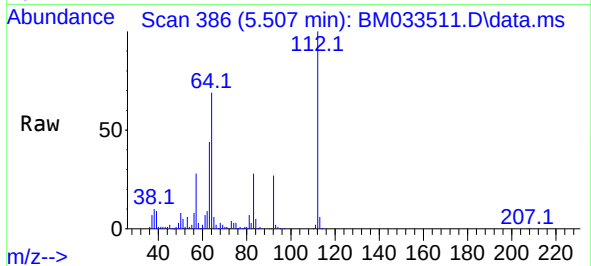
Tgt Ion: 42 Resp: 103664
Ion Ratio Lower Upper
42 100
74 79.8 72.5 108.7
44 5.5 5.4 8.2





#5
2-Fluorophenol
Concen: 150.720 ng
RT: 5.507 min Scan# 385
Delta R.T. 0.005 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

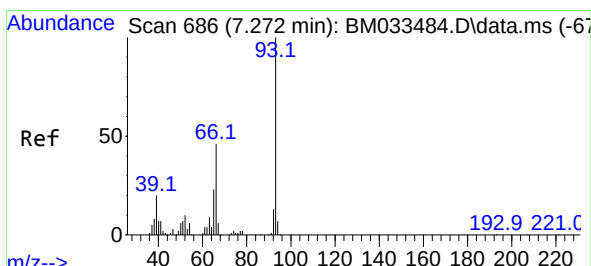
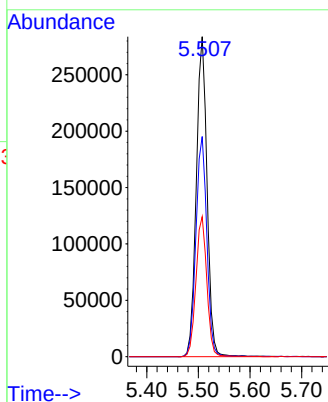
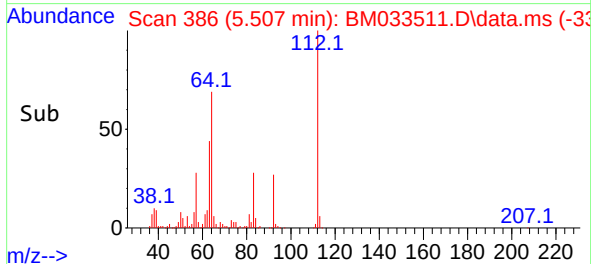
Instrument :
BNA_M
ClientSampleId :
P-2MSD



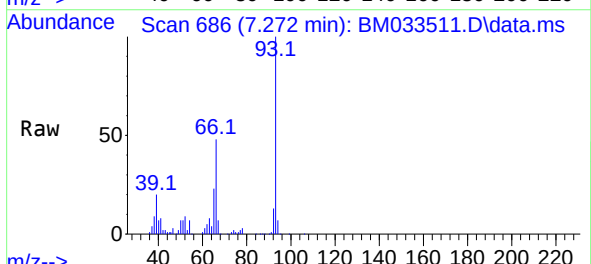
Tgt Ion: 112 Resp: 41049
Ion Ratio Lower Upper
112 100
64 68.8 55.5 83.3
63 43.7 31.3 46.9

Manual Integrations
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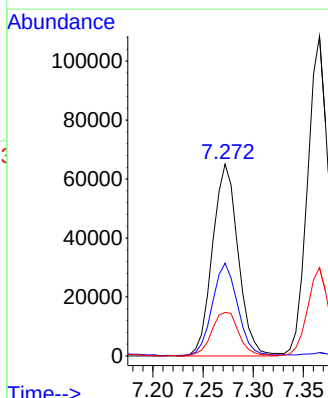
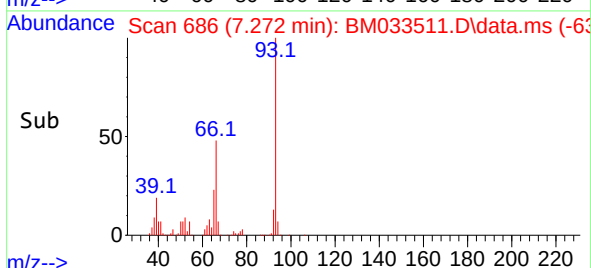
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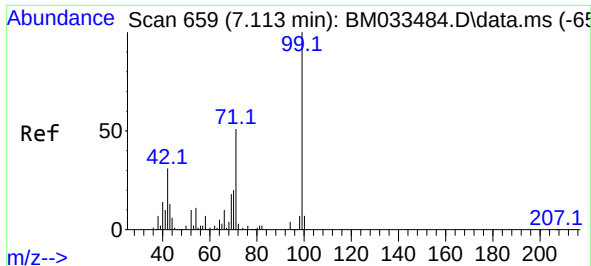


#6
Aniline
Concen: 27.760 ng
RT: 7.272 min Scan# 686
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



Tgt Ion: 93 Resp: 115879
Ion Ratio Lower Upper
93 100
66 48.4 36.0 54.0
65 22.6 18.2 27.4





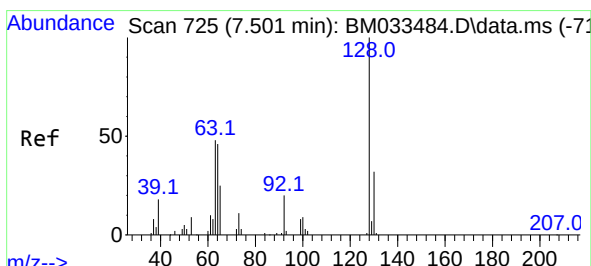
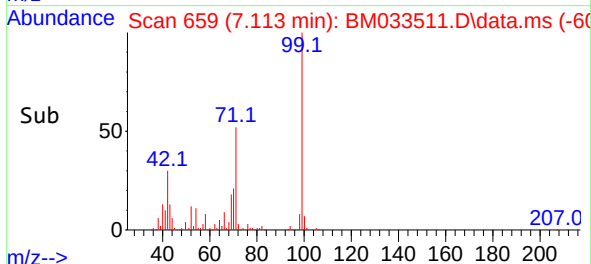
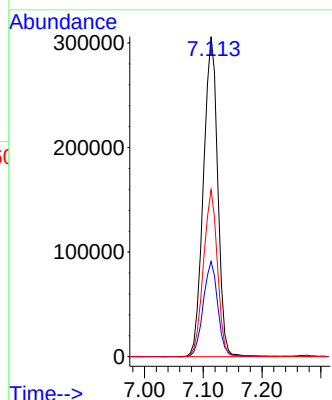
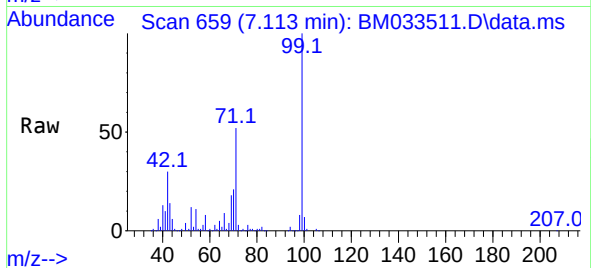
#7
Phenol-d6
Concen: 141.156 ng
RT: 7.113 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion: 99 Resp: 51592
Ion Ratio Lower Upper
99 100
42 29.8 20.3 30.5
71 52.2 34.5 51.7

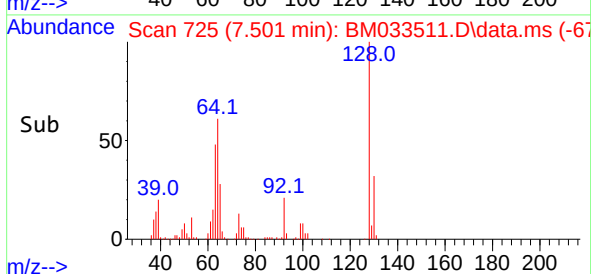
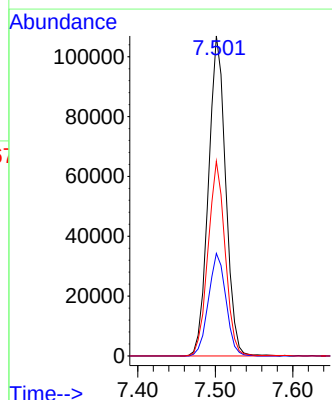
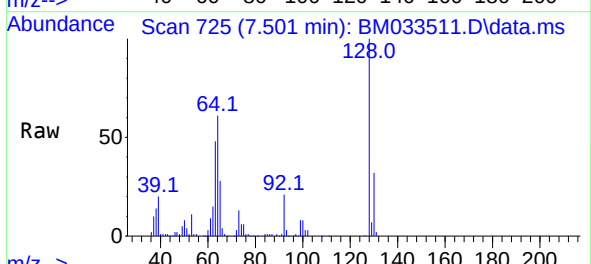
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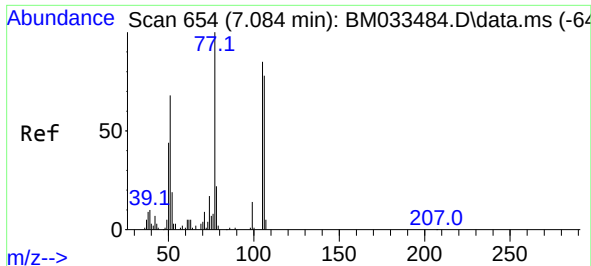
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#8
2-Chlorophenol
Concen: 55.957 ng
RT: 7.501 min Scan# 725
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

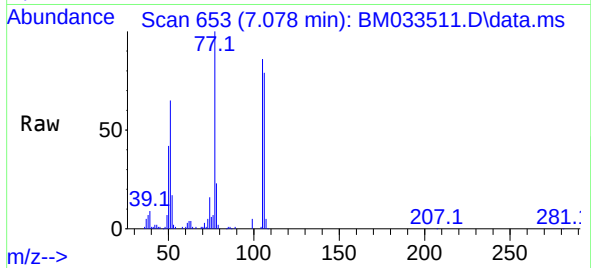
Tgt Ion:128 Resp: 165214
Ion Ratio Lower Upper
128 100
130 32.1 10.9 50.9
64 60.9 40.6 80.6





#9
Benzaldehyde
Concen: 47.476 ng
RT: 7.078 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

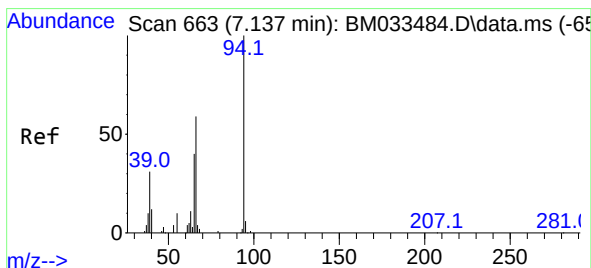
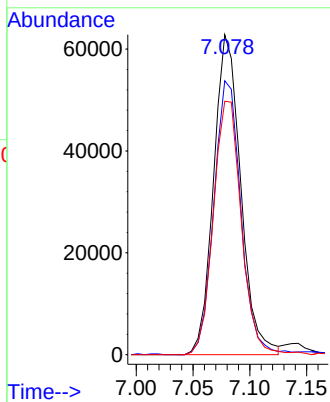
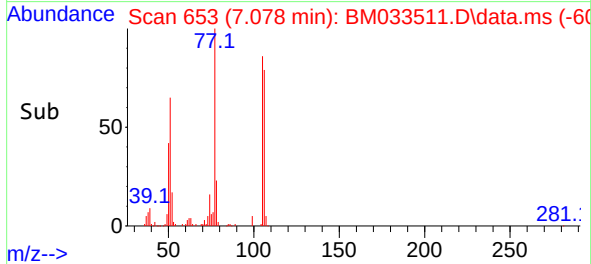
Instrument :
BNA_M
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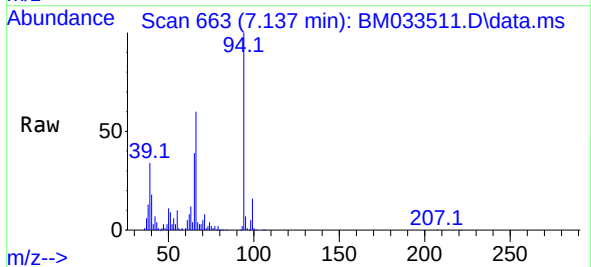
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Ion Ratio Lower Upper
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105 85.6 67.1 107.1
106 79.2 64.3 104.3

Manual Integrations
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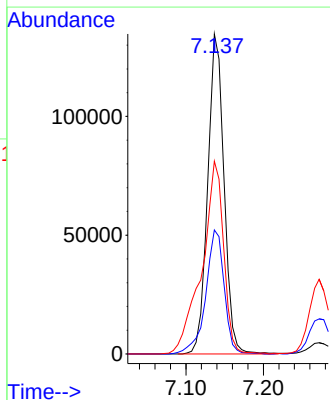
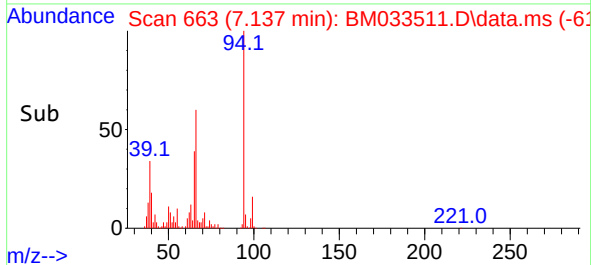
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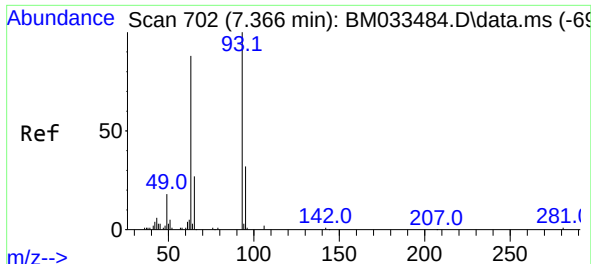


#10
Phenol
Concen: 53.392 ng
RT: 7.137 min Scan# 663
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



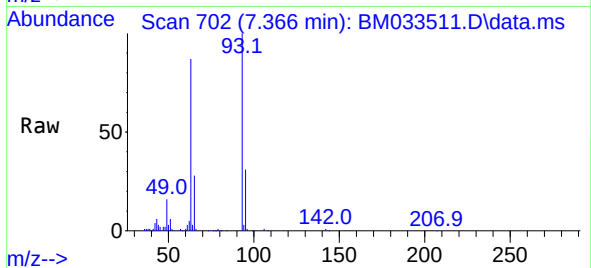
Tgt Ion: 94 Resp: 197148
Ion Ratio Lower Upper
94 100
65 38.8 15.5 55.5
66 60.2 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 55.648 ng
RT: 7.366 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

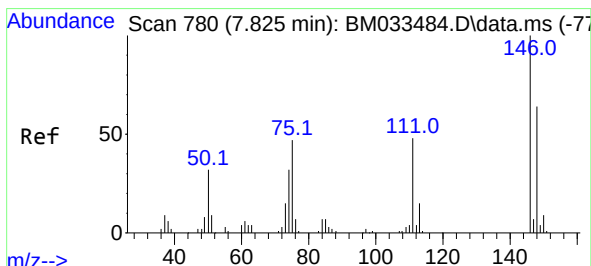
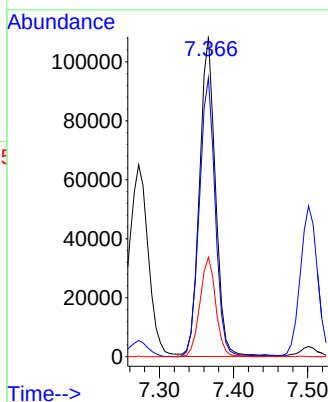
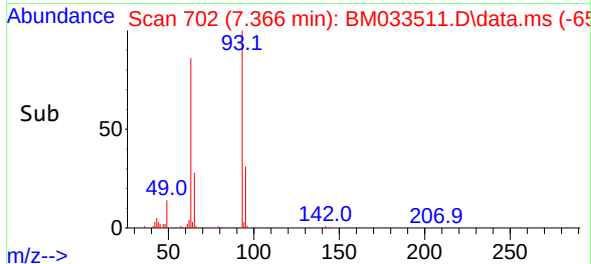
Instrument :
BNA_M
ClientSampleId :
P-2MSD



Tgt Ion: 93 Resp: 16190
Ion Ratio Lower Upper
93 100
63 87.1 67.0 107.0
95 31.1 11.6 51.6

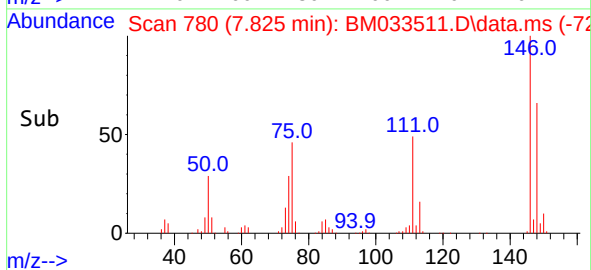
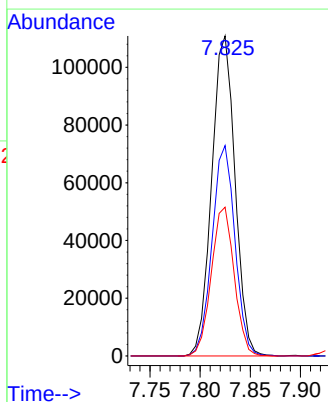
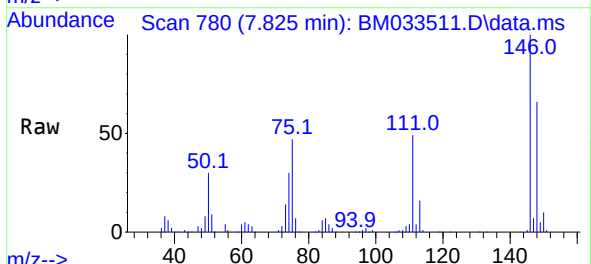
Manual Integrations
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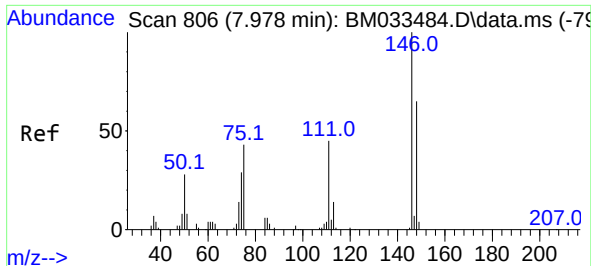
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#12
1,3-Dichlorobenzene
Concen: 49.973 ng
RT: 7.825 min Scan# 780
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Tgt Ion:146 Resp: 179250
Ion Ratio Lower Upper
146 100
148 65.8 52.1 78.1
75 46.5 32.0 48.0





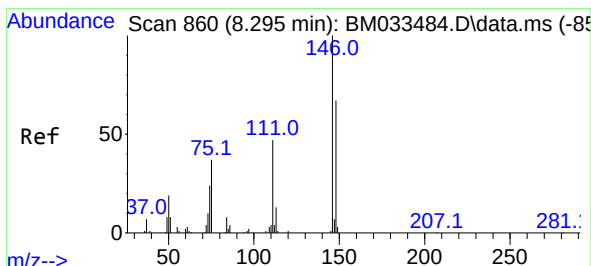
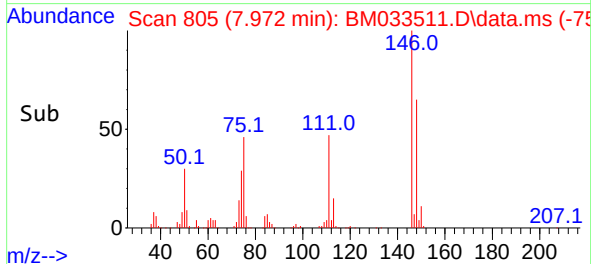
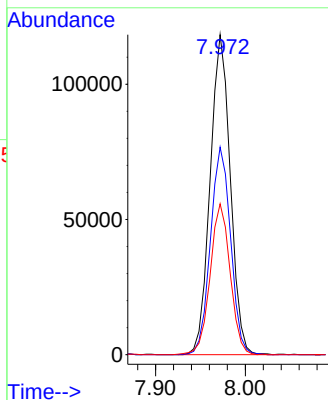
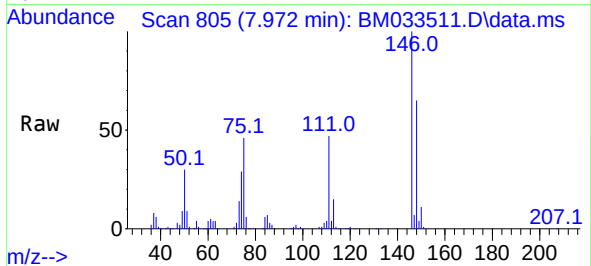
#13
1,4-Dichlorobenzene
Concen: 50.133 ng
RT: 7.972 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion:146 Resp: 18454
Ion Ratio Lower Upper
146 100
148 64.9 53.4 80.0
111 47.2 36.6 55.0

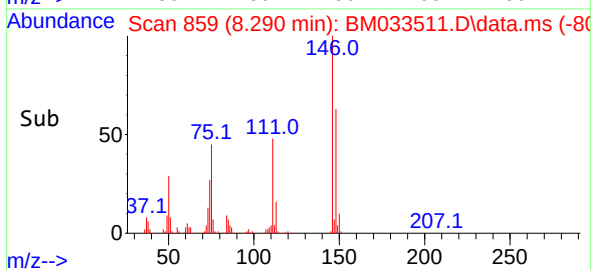
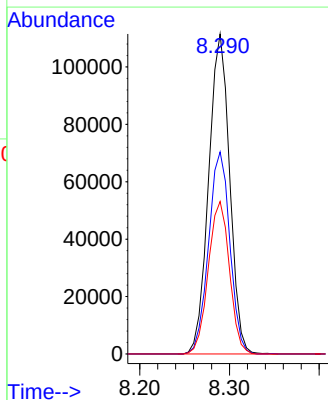
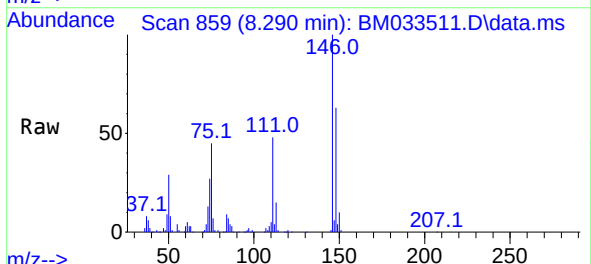
Manual Integrations
APPROVED

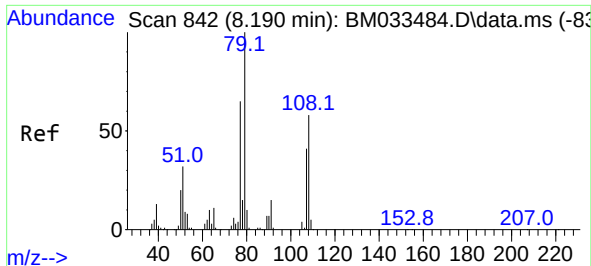
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#14
1,2-Dichlorobenzene
Concen: 50.103 ng
RT: 8.290 min Scan# 859
Delta R.T. -0.005 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

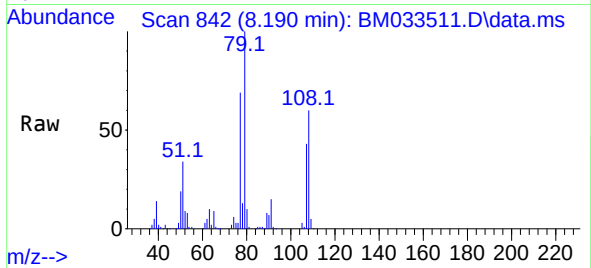
Tgt Ion:146 Resp: 180927
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
111 47.7 37.8 56.8





#15
Benzyl Alcohol
Concen: 61.010 ng
RT: 8.190 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

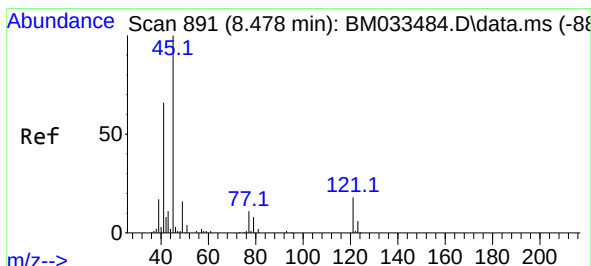
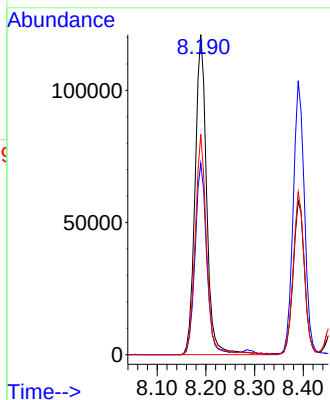
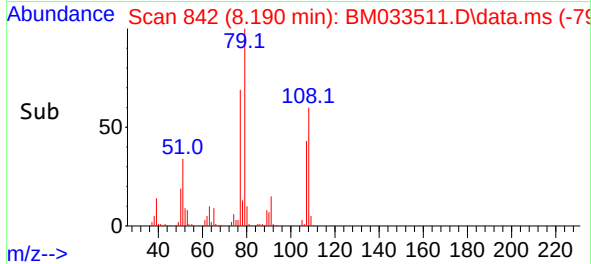
Instrument :
BNA_M
ClientSampleId :
P-2MSD



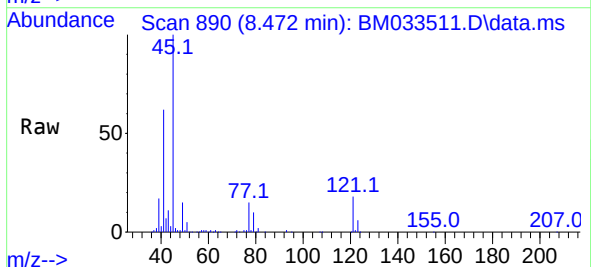
Tgt Ion: 79 Resp: 200980
Ion Ratio Lower Upper
79 100
108 59.8 51.1 76.7
77 68.9 53.8 80.8

Manual Integrations
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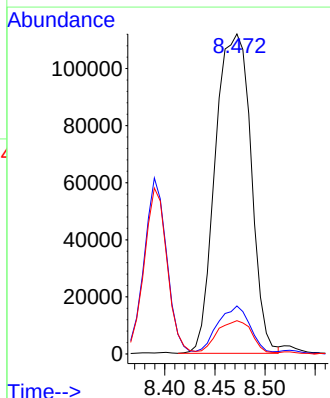
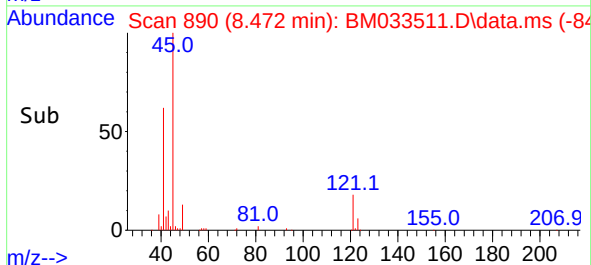
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

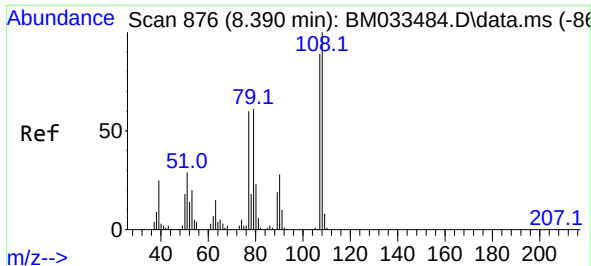


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.408 ng
RT: 8.472 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



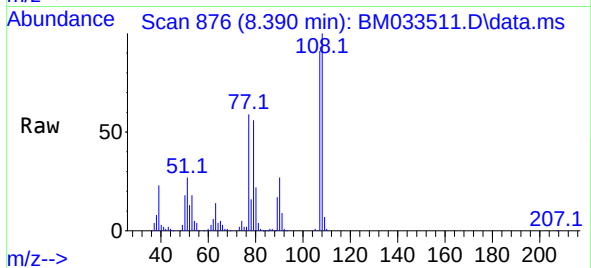
Tgt Ion: 45 Resp: 276293
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.7
79 10.4 0.0 30.0





#17
2-Methylphenol
Concen: 57.643 ng
RT: 8.390 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

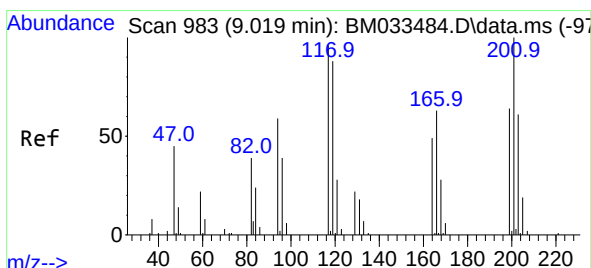
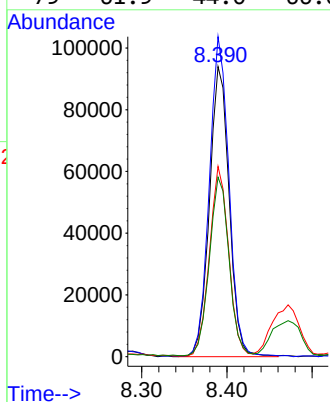
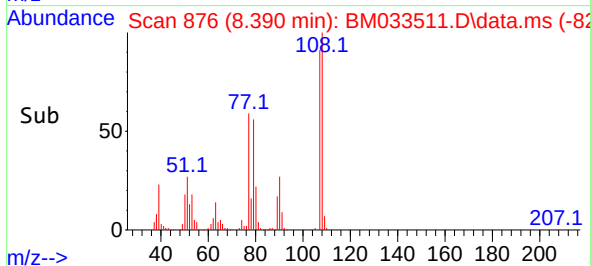
Instrument :
BNA_M
ClientSampleId :
P-2MSD



Tgt Ion:	107	Resp:	15126
Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.2	133.8
77	65.6	46.0	69.0
79	61.9	44.0	66.0

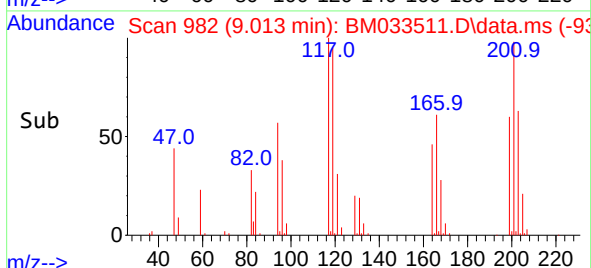
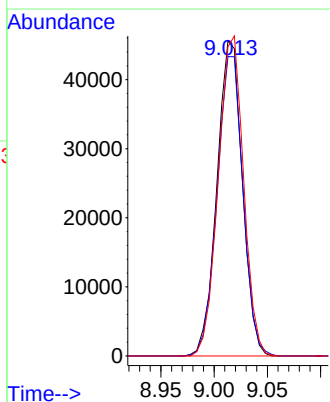
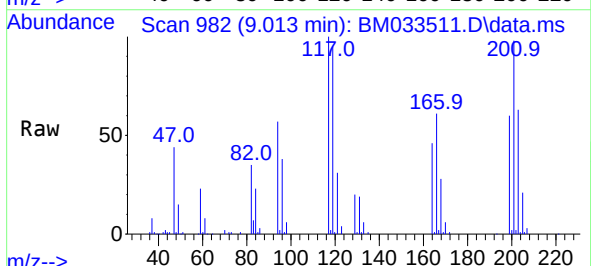
Manual Integrations
APPROVED

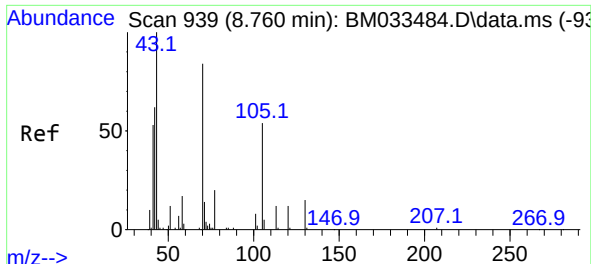
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#18
Hexachloroethane
Concen: 49.238 ng
RT: 9.013 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

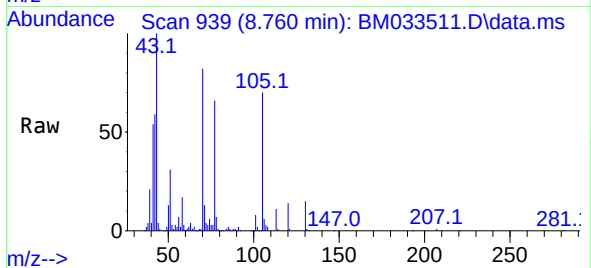
Tgt Ion:	117	Resp:	75520
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.0	112.6
201	98.1	75.2	112.8





#19
n-Nitroso-di-n-propylamine
Concen: 55.544 ng
RT: 8.760 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

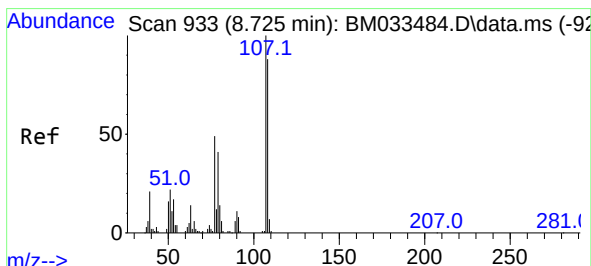
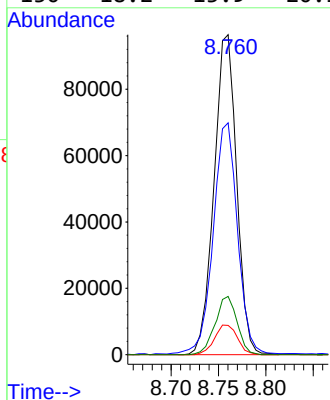
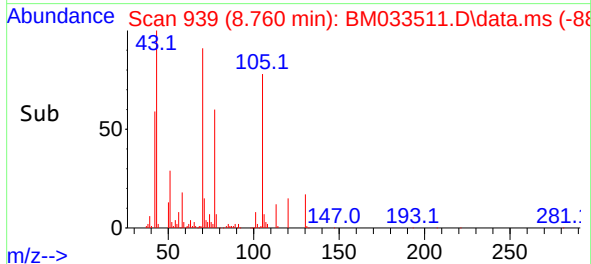
Instrument :
BNA_M
ClientSampleId :
P-2MSD



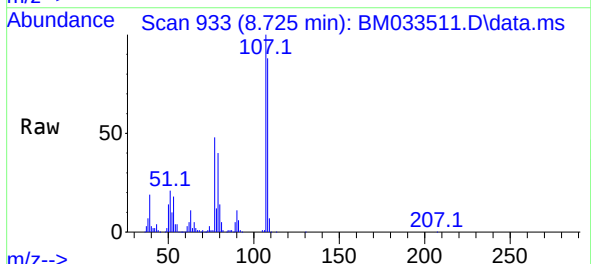
Tgt Ion: 70 Resp: 16005
Ion Ratio Lower Upper
70 100
42 72.5 54.1 81.1
101 9.2 7.8 11.6
130 18.2 13.9 20.9

Manual Integrations
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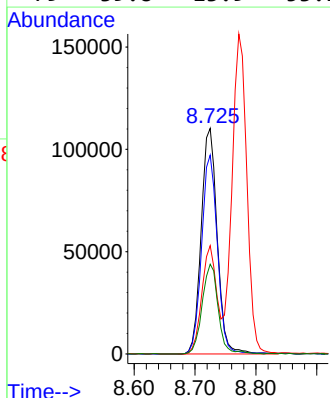
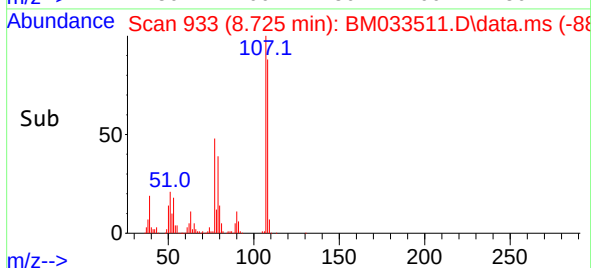
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

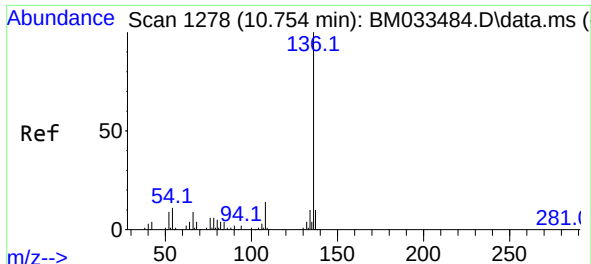


#20
3+4-Methylphenols
Concen: 57.713 ng
RT: 8.725 min Scan# 933
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



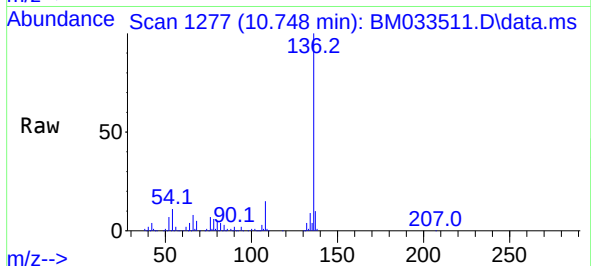
Tgt Ion:107 Resp: 202024
Ion Ratio Lower Upper
107 100
108 88.1 64.2 104.2
77 48.0 22.7 62.7
79 39.8 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

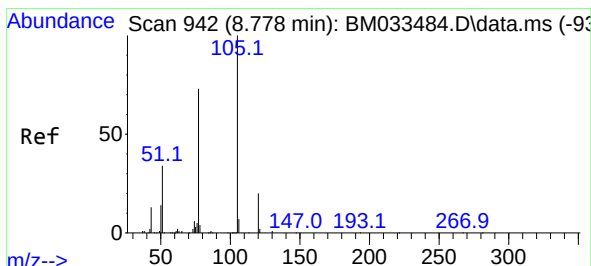
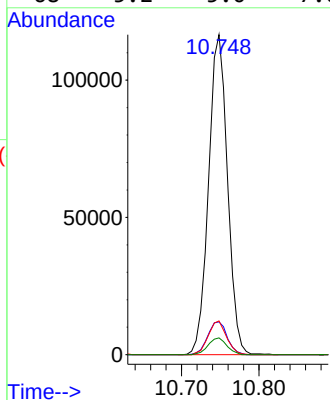
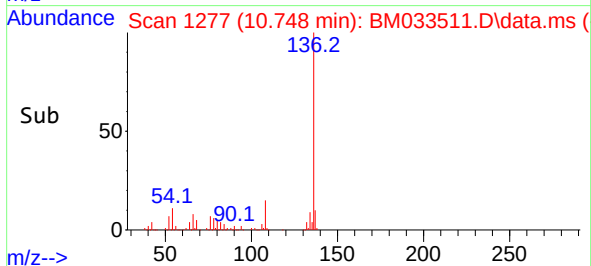
Instrument :
BNA_M
ClientSampleId :
P-2MSD



Tgt Ion:136 Resp: 19774
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 10.6 8.3 12.5
68 5.2 5.0 7.6

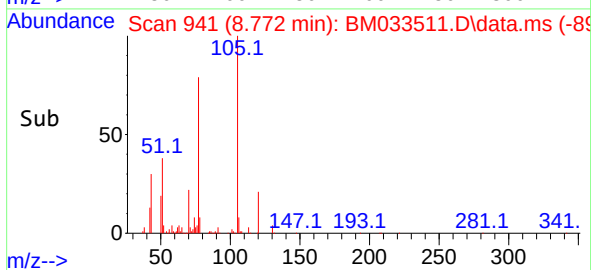
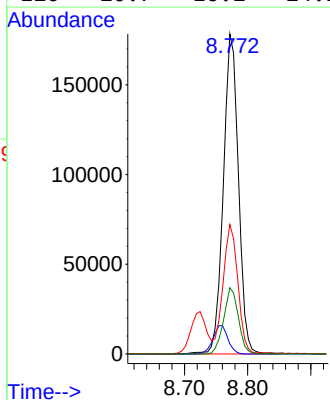
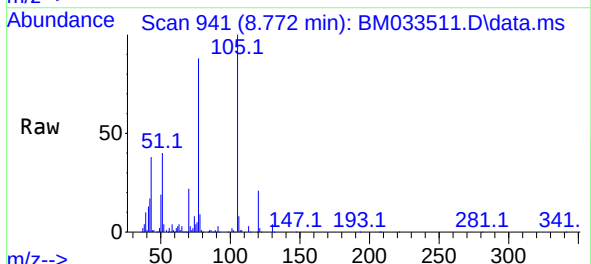
Manual Integrations
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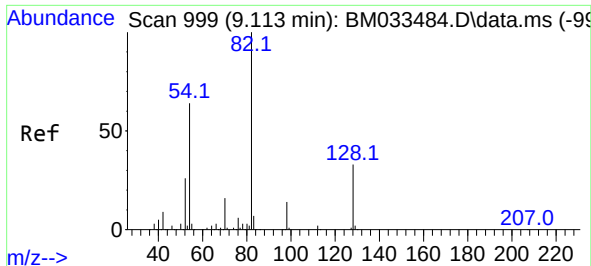
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#22
Acetophenone
Concen: 55.468 ng
RT: 8.772 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Tgt Ion:105 Resp: 296961
Ion Ratio Lower Upper
105 100
71 3.1 1.6 2.4#
51 40.5 27.7 41.5
120 20.7 16.2 24.2





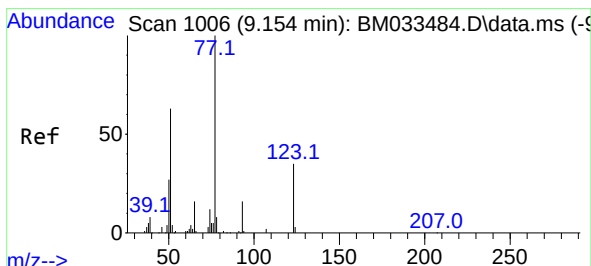
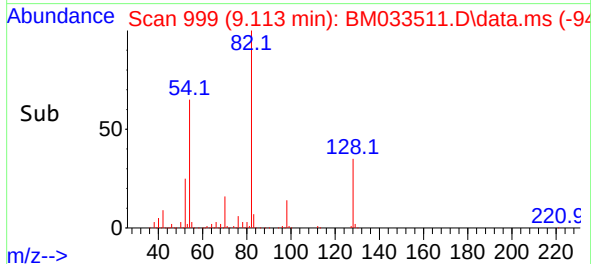
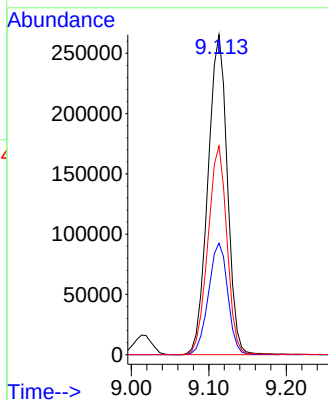
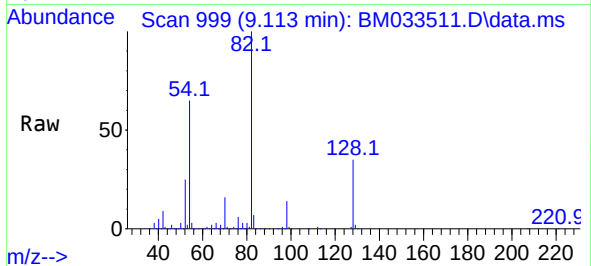
#23
Nitrobenzene-d5
Concen: 100.171 ng
RT: 9.113 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion: 82 Resp: 461318
Ion Ratio Lower Upper
82 100
128 34.9 28.1 42.1
54 65.3 46.1 69.1

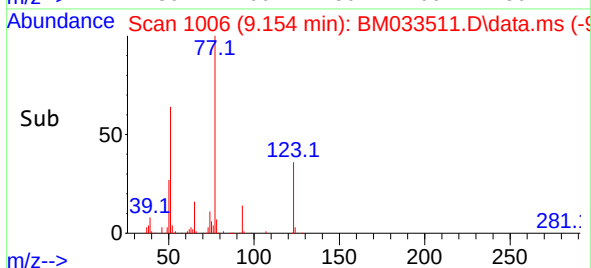
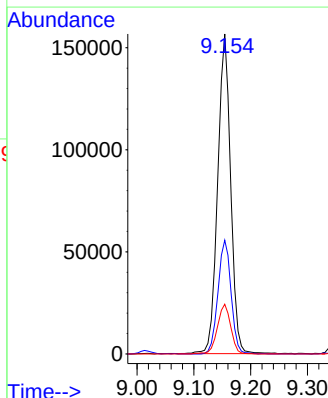
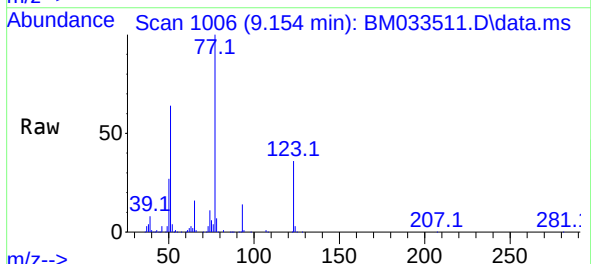
Manual Integrations
APPROVED

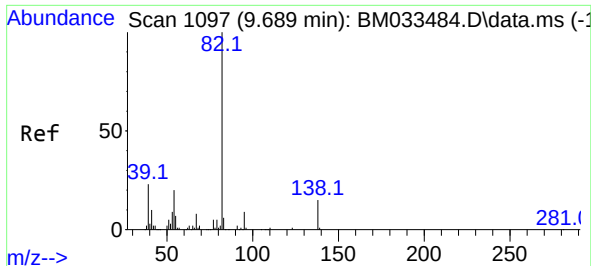
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#24
Nitrobenzene
Concen: 54.989 ng
RT: 9.154 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

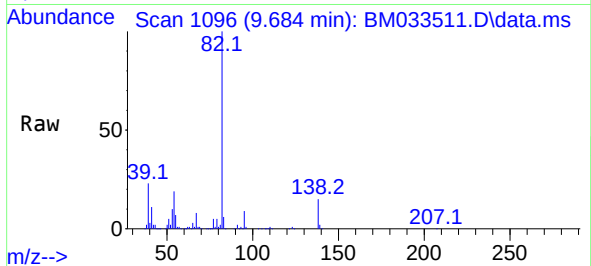
Tgt Ion: 77 Resp: 248747
Ion Ratio Lower Upper
77 100
123 35.6 29.8 44.8
65 15.6 11.5 17.3





#25
Isophorone
Concen: 54.776 ng
RT: 9.684 min Scan# 1097
Delta R.T. -0.005 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

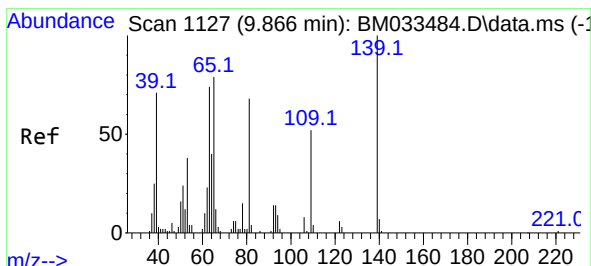
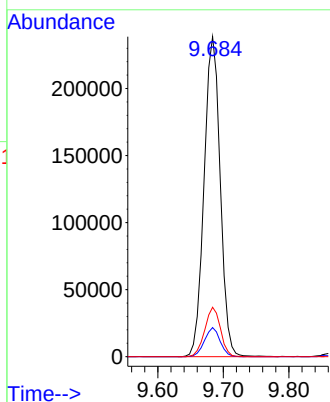
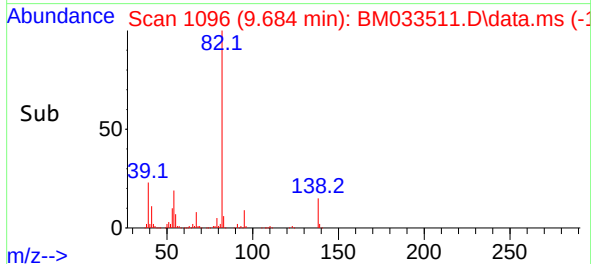
Instrument :
BNA_M
ClientSampleId :
P-2MSD



Tgt Ion: 82 Resp: 40842
Ion Ratio Lower Upper
82 100
95 9.1 6.4 9.6
138 15.5 12.4 18.6

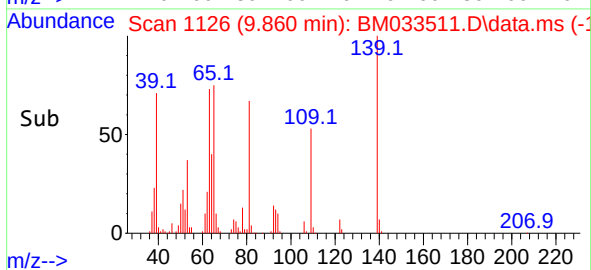
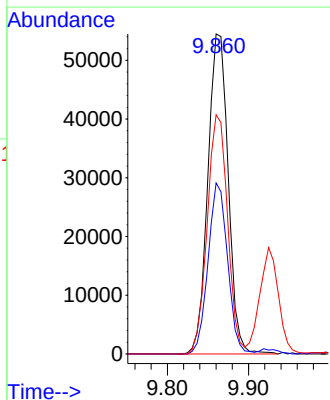
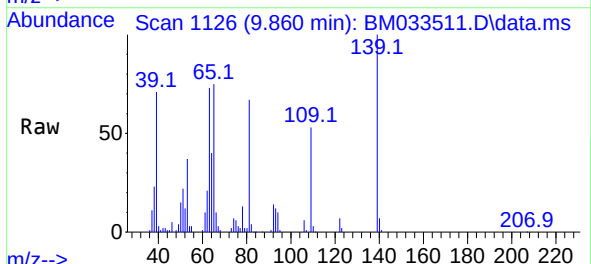
Manual Integrations
APPROVED

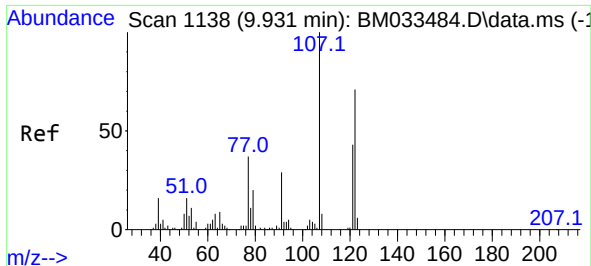
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#26
2-Nitrophenol
Concen: 60.069 ng
RT: 9.860 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Tgt Ion:139 Resp: 94911
Ion Ratio Lower Upper
139 100
109 53.5 33.0 49.6#
65 74.8 57.2 85.8





#27

2,4-Dimethylphenol

Concen: 64.639 ng

RT: 9.925 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BM033511.D

Acq: 17 Dec 2021 18:17

Instrument :

BNA_M

ClientSampleId :

P-2MSD

Tgt Ion:122 Resp: 167840

Ion Ratio Lower Upper

122 100

107 137.3 105.3 157.9

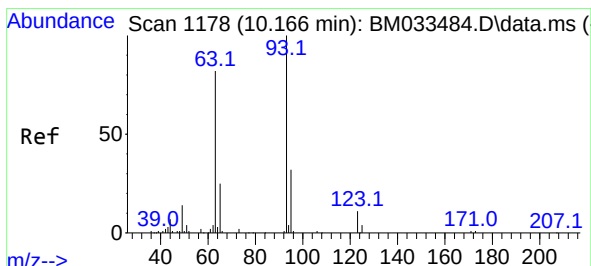
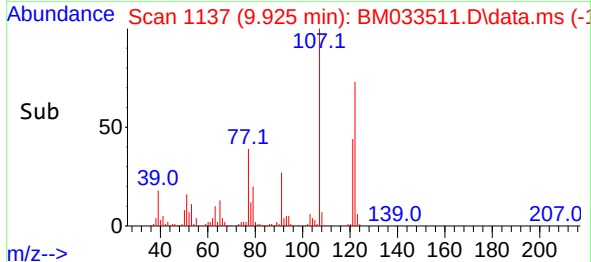
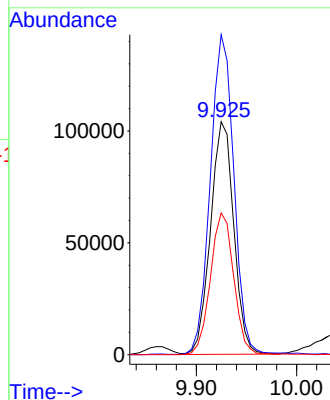
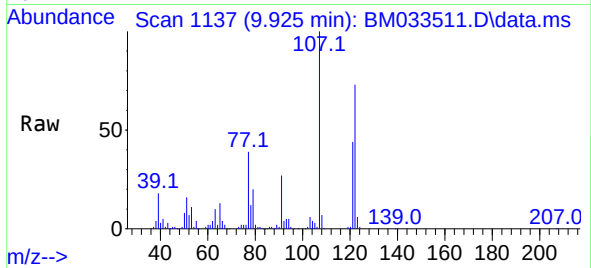
121 60.9 49.7 74.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/18/2021

Supervised By :Jagrut Upadhyay 12/20/2021



#28

bis(2-Chloroethoxy)methane

Concen: 54.061 ng

RT: 10.160 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BM033511.D

Acq: 17 Dec 2021 18:17

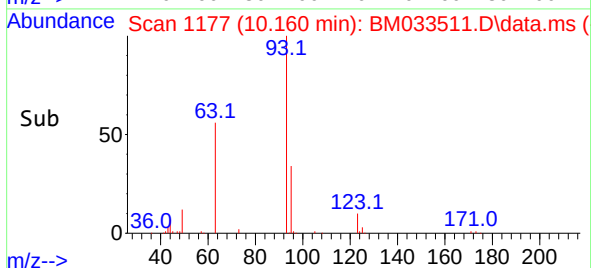
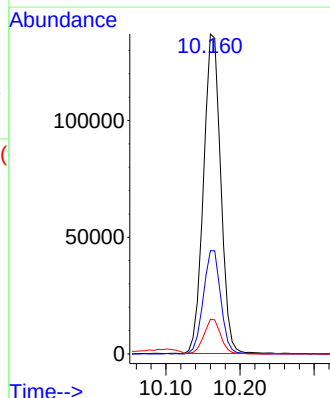
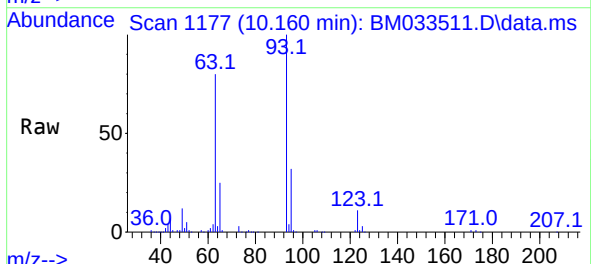
Tgt Ion: 93 Resp: 221407

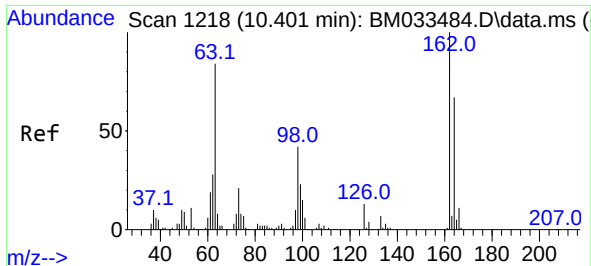
Ion Ratio Lower Upper

93 100

95 32.3 26.8 40.2

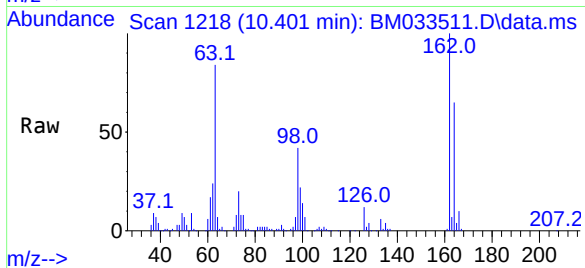
123 10.9 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 58.405 ng
RT: 10.401 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

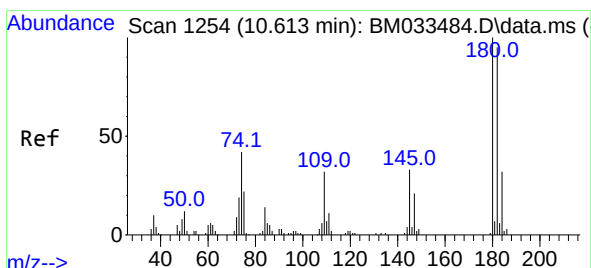
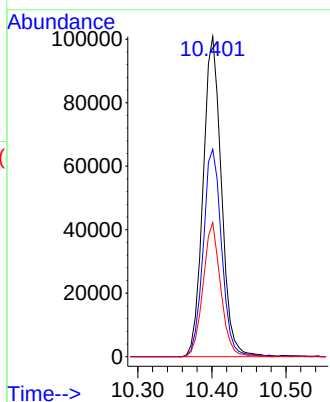
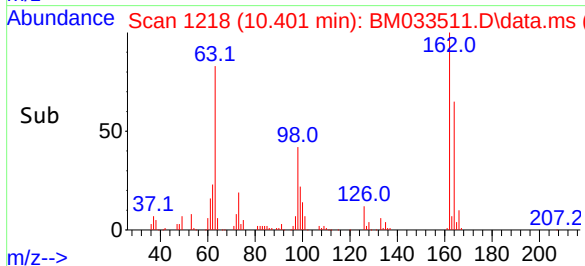
Instrument :
BNA_M
ClientSampleId :
P-2MSD



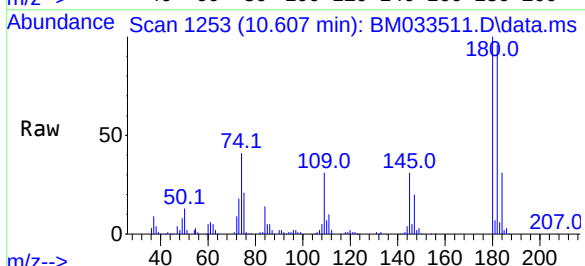
Tgt Ion:162 Resp: 172980
Ion Ratio Lower Upper
162 100
164 64.8 44.4 84.4
98 41.9 19.6 59.6

Manual Integrations
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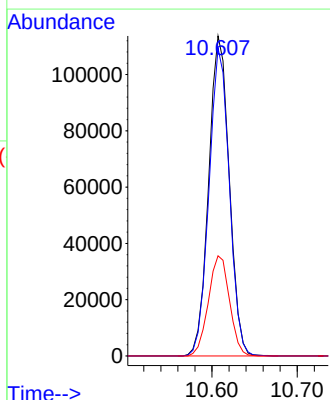
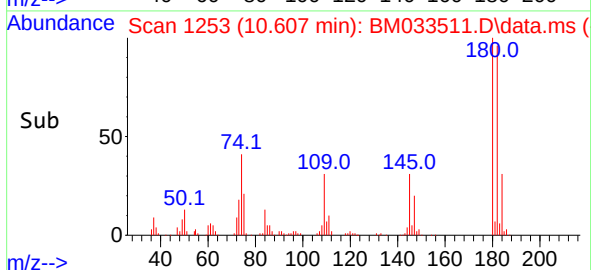
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

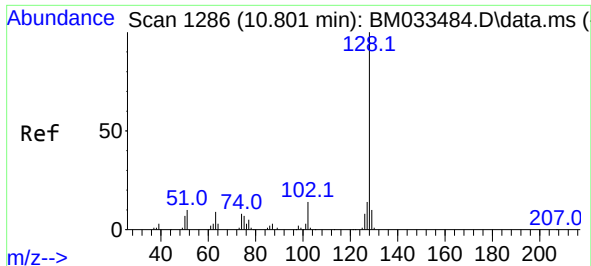


#30
1,2,4-Trichlorobenzene
Concen: 50.668 ng
RT: 10.607 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



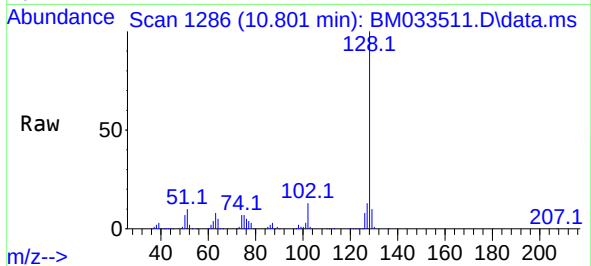
Tgt Ion:180 Resp: 190281
Ion Ratio Lower Upper
180 100
182 96.2 77.8 116.8
145 31.3 26.0 39.0





#31
Naphthalene
Concen: 52.434 ng
RT: 10.801 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

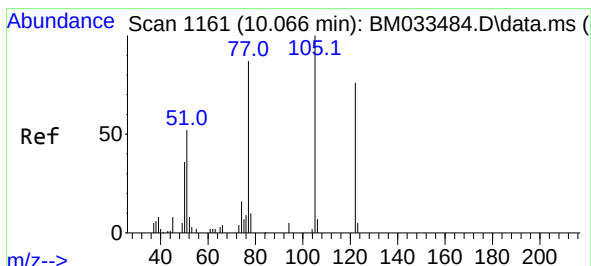
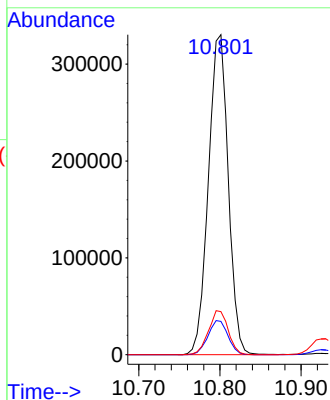
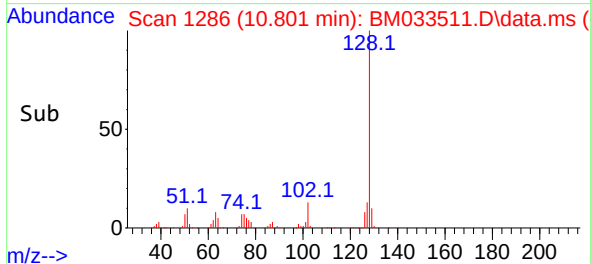
Instrument :
BNA_M
ClientSampleId :
P-2MSD



Tgt Ion:128 Resp: 561670
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.4 10.8 16.2

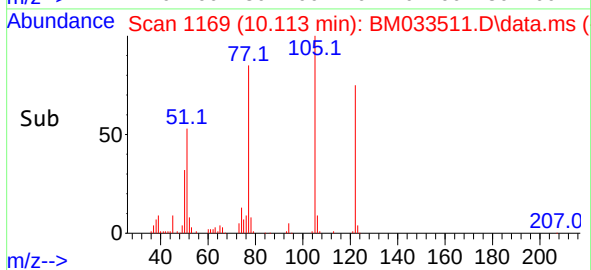
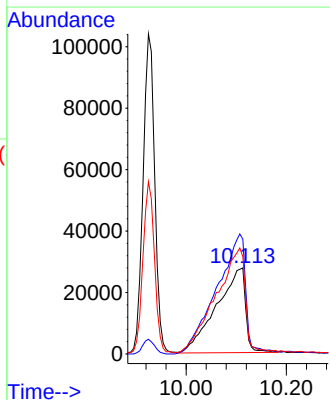
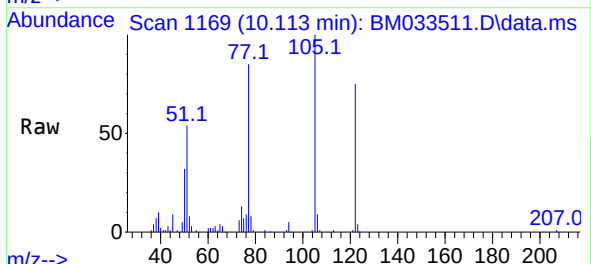
Manual Integrations
APPROVED

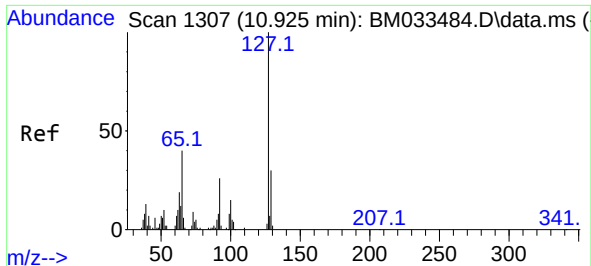
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#32
Benzoic acid
Concen: 60.479 ng
RT: 10.113 min Scan# 1169
Delta R.T. 0.047 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Tgt Ion:122 Resp: 111012
Ion Ratio Lower Upper
122 100
105 133.3 119.6 159.6
77 113.3 101.0 141.0





#33
4-Chloroaniline
Concen: 11.956 ng
RT: 10.931 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

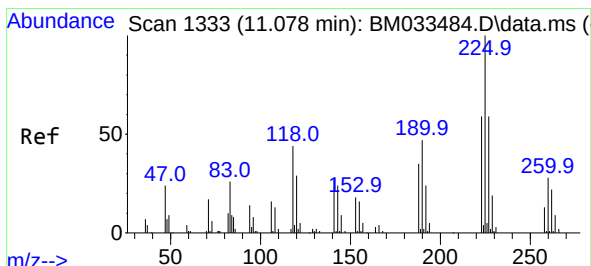
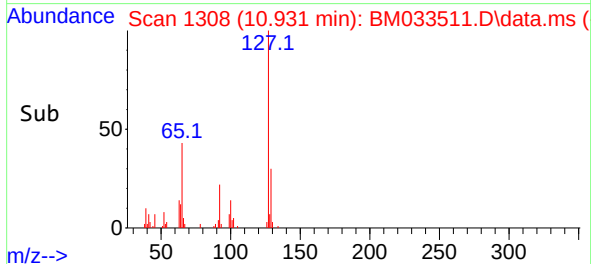
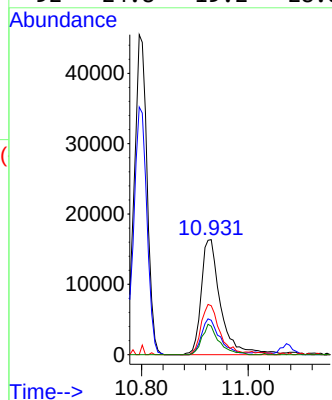
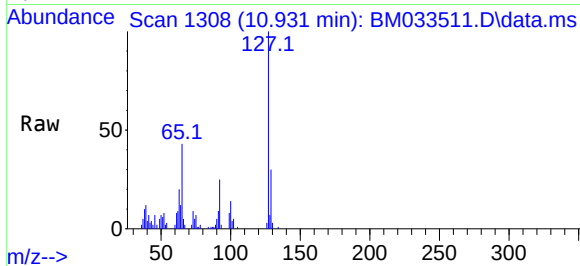
Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion:127 Resp: 41434

Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.2	39.4
65	42.5	33.0	49.6
92	24.8	19.2	28.8

Manual Integrations
APPROVED

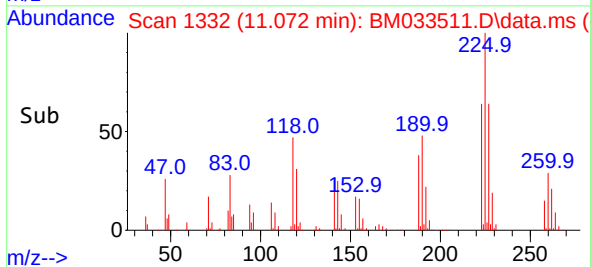
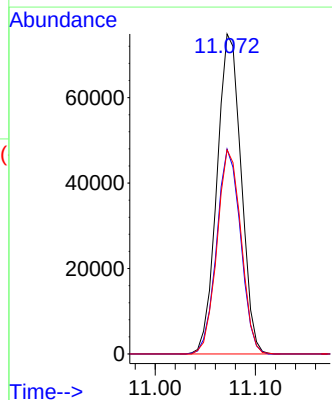
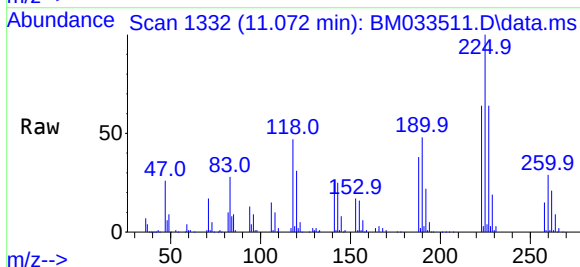
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

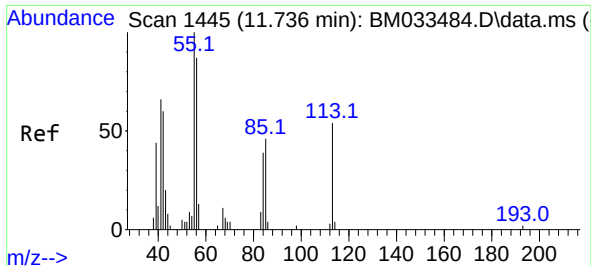


#34
Hexachlorobutadiene
Concen: 47.825 ng
RT: 11.072 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Tgt Ion:225 Resp: 125224

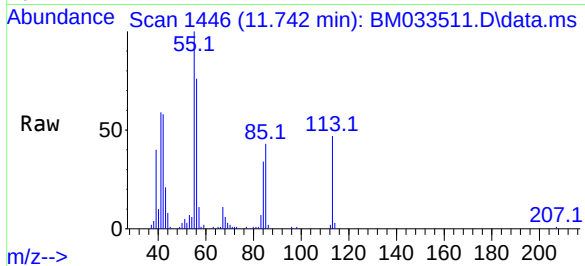
Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.5	78.7
227	63.8	52.7	79.1





#35
Caprolactam
Concen: 77.216 ng m
RT: 11.742 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

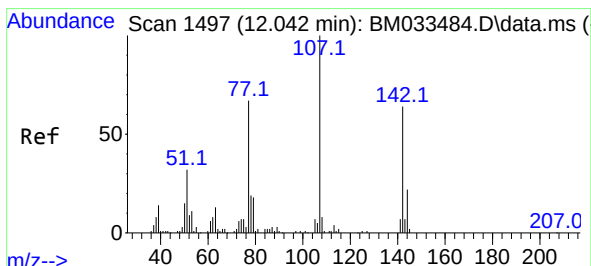
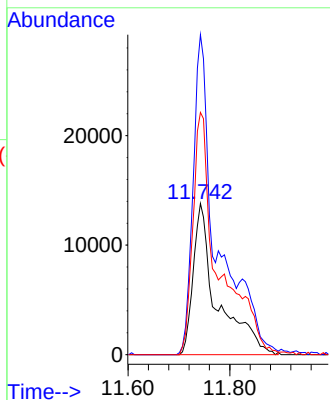
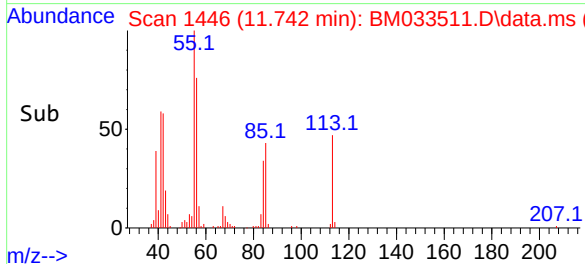
Instrument :
BNA_M
ClientSampleId :
P-2MSD



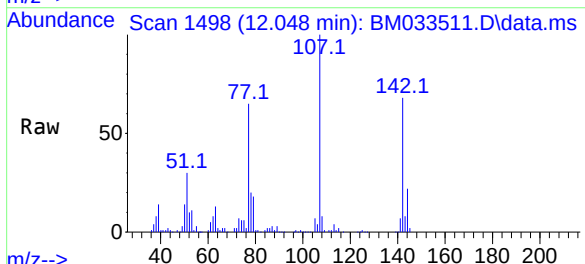
Tgt Ion:113 Resp: 45179
Ion Ratio Lower Upper
113 100
55 211.7 183.6 223.6
56 160.2 143.7 183.7

Manual Integrations
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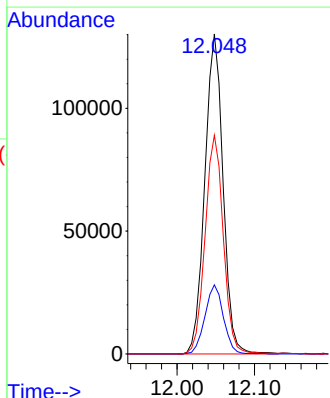
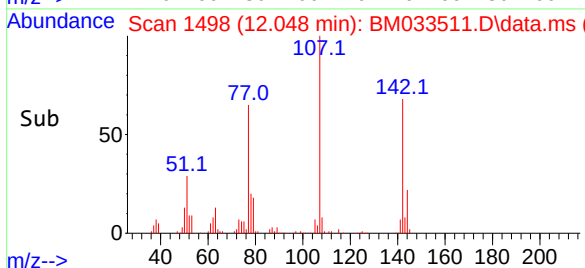
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

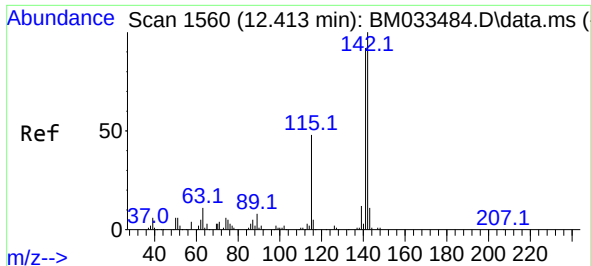


#36
4-Chloro-3-methylphenol
Concen: 55.993 ng
RT: 12.048 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



Tgt Ion:107 Resp: 212854
Ion Ratio Lower Upper
107 100
144 21.6 18.6 27.8
142 68.4 56.9 85.3





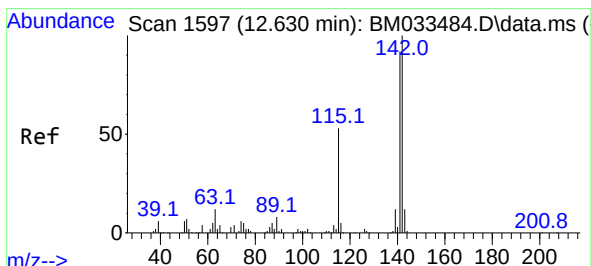
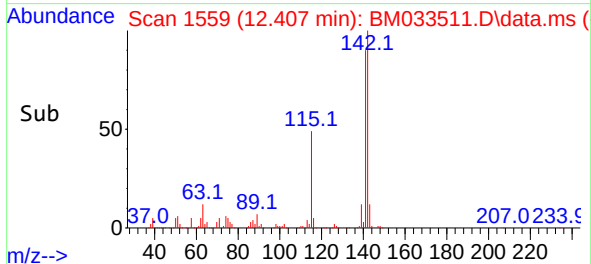
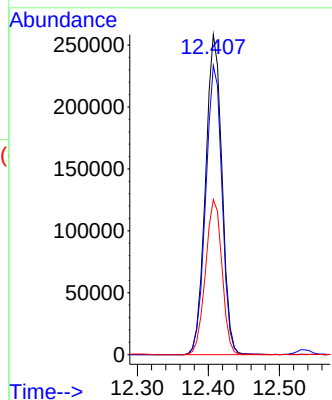
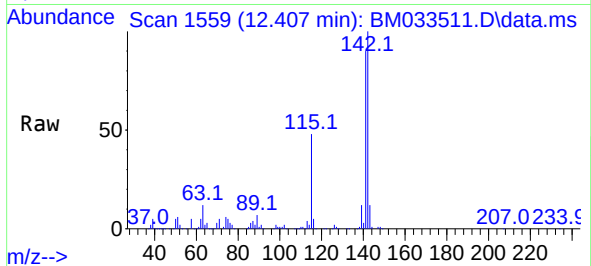
#37
2-Methylnaphthalene
Concen: 56.210 ng
RT: 12.407 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion:142 Resp: 41651
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2
115 48.5 33.0 49.6

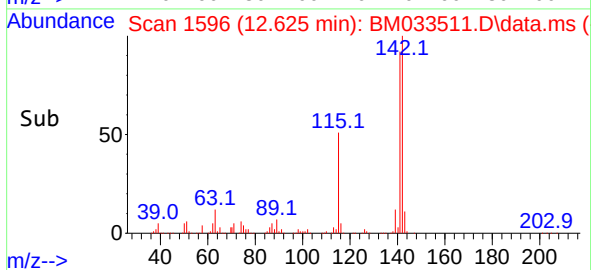
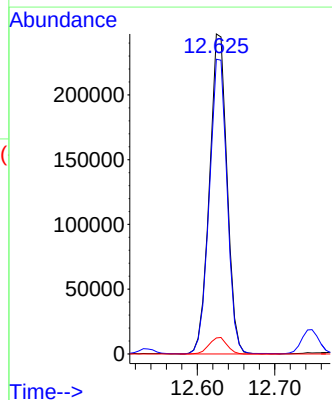
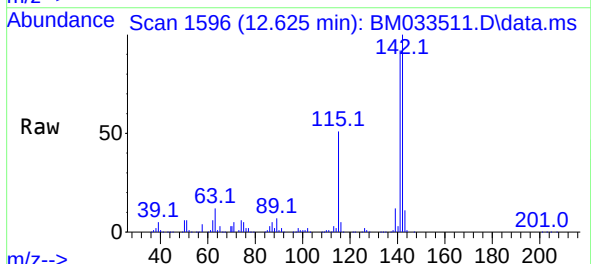
Manual Integrations
APPROVED

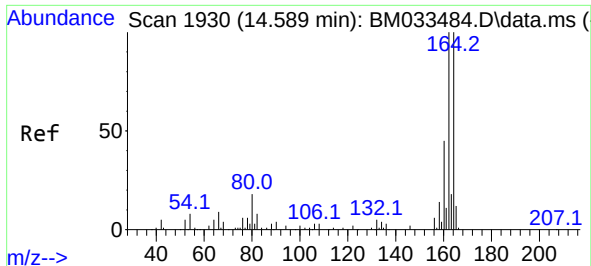
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#38
1-Methylnaphthalene
Concen: 52.686 ng
RT: 12.625 min Scan# 1596
Delta R.T. -0.005 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

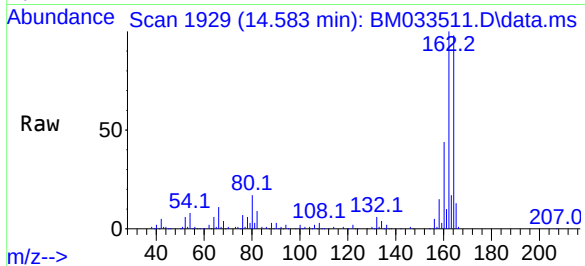
Tgt Ion:142 Resp: 389411
Ion Ratio Lower Upper
142 100
141 92.1 75.0 112.4
116 5.0 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

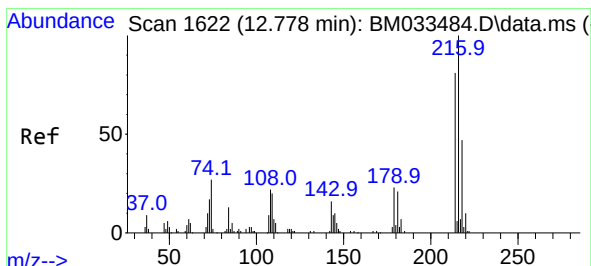
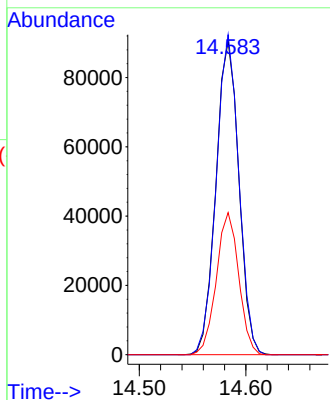
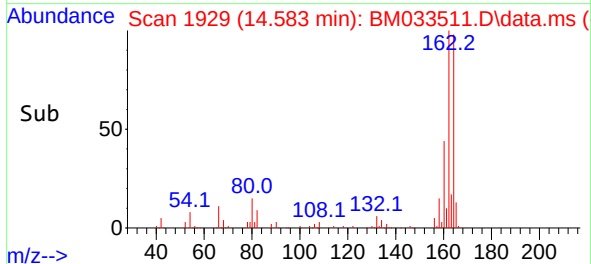
Instrument :
BNA_M
ClientSampleId :
P-2MSD



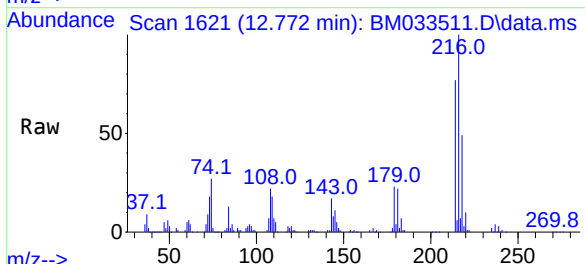
Tgt Ion:164 Resp: 135229
Ion Ratio Lower Upper
164 100
162 102.2 79.7 119.5
160 45.4 34.2 51.4

Manual Integrations
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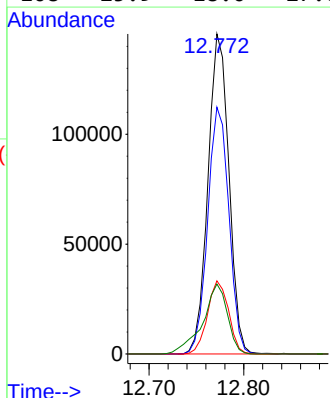
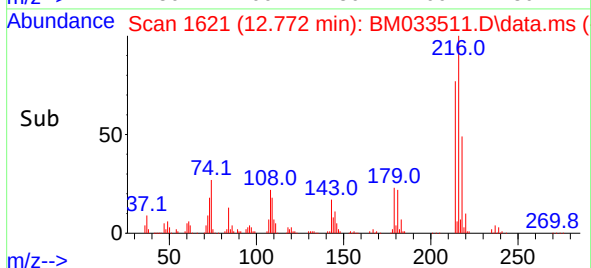
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

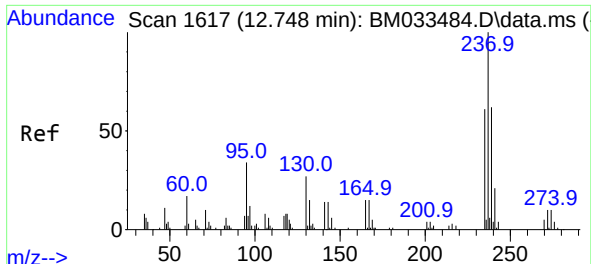


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.262 ng
RT: 12.772 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



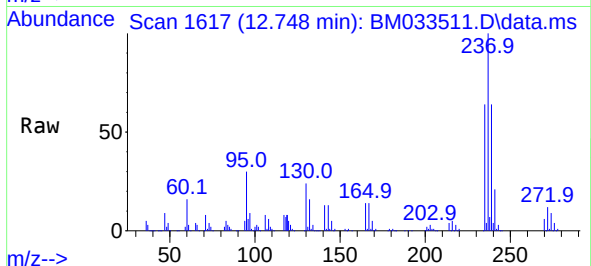
Tgt Ion:216 Resp: 223066
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 23.0 18.2 27.2
108 25.9 18.0 27.0





#41
Hexachlorocyclopentadiene
Concen: 126.542 ng
RT: 12.748 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

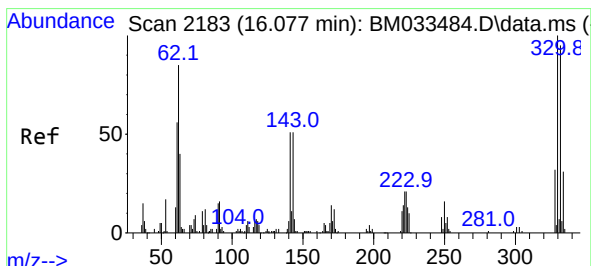
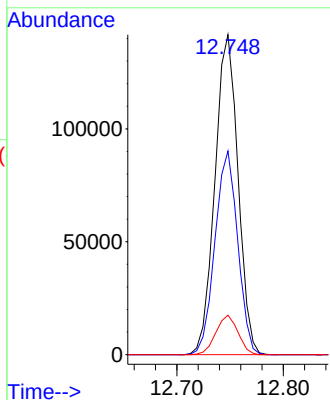
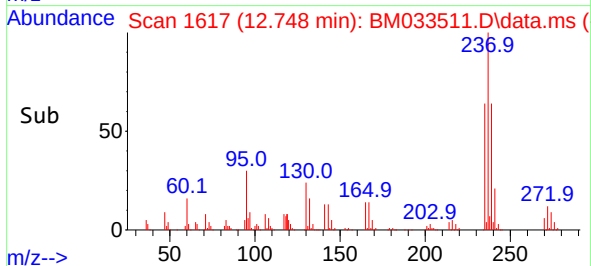
Instrument :
BNA_M
ClientSampleId :
P-2MSD



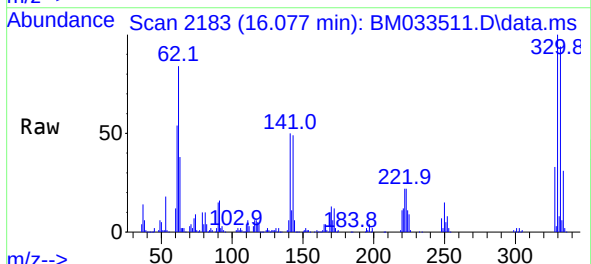
Tgt Ion:237 Resp: 213170
Ion Ratio Lower Upper
237 100
235 63.6 41.7 81.7
272 12.4 0.0 32.5

Manual Integrations
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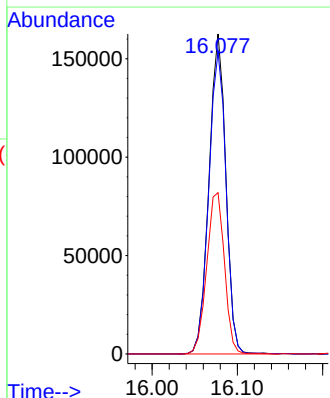
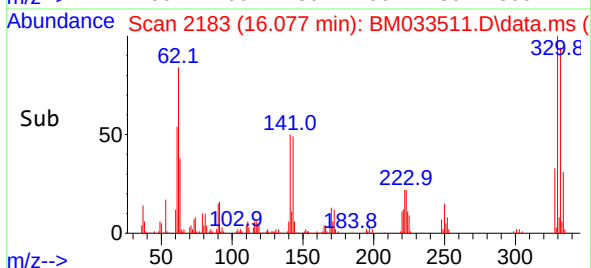
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

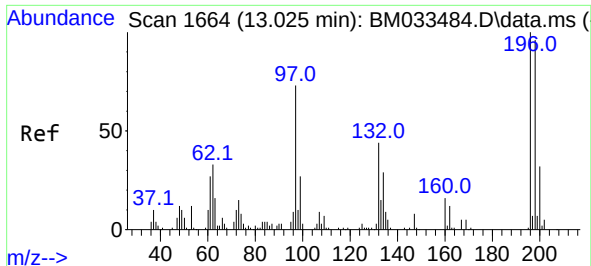


#42
2,4,6-Tribromophenol
Concen: 146.704 ng
RT: 16.077 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



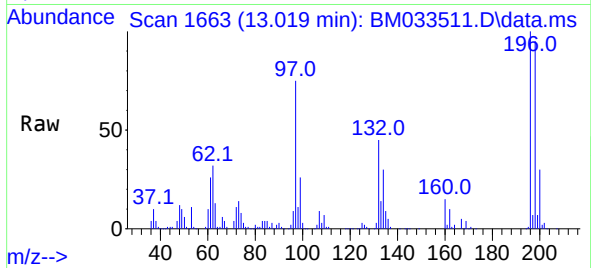
Tgt Ion:330 Resp: 223163
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 53.1 35.9 53.9





#43
2,4,6-Trichlorophenol
Concen: 57.647 ng
RT: 13.019 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

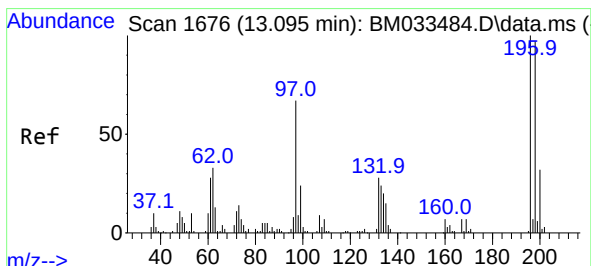
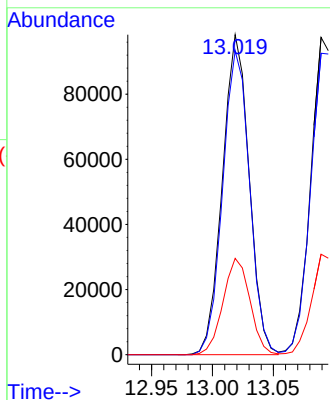
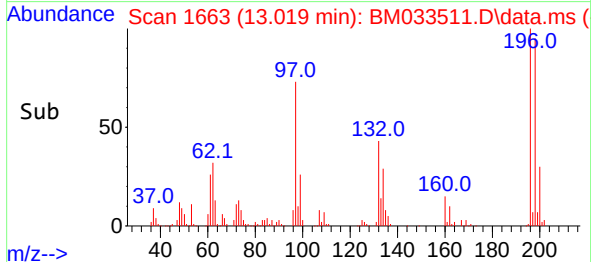
Instrument :
BNA_M
ClientSampleId :
P-2MSD



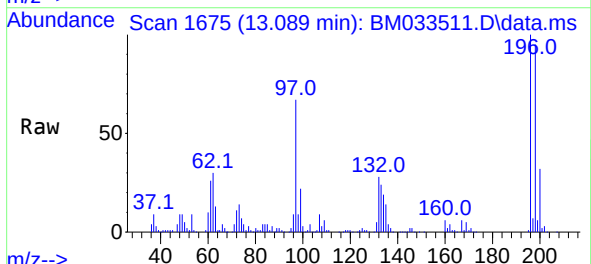
Tgt Ion:196 Resp: 150162
Ion Ratio Lower Upper
196 100
198 94.9 75.1 112.7
200 30.1 24.0 36.0

Manual Integrations
APPROVED

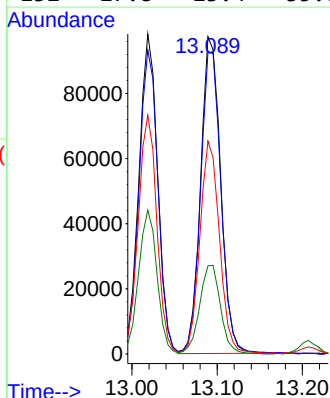
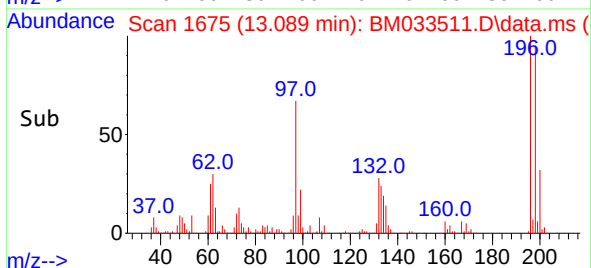
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

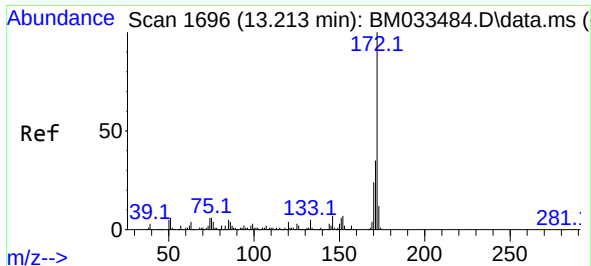


#44
2,4,5-Trichlorophenol
Concen: 57.262 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



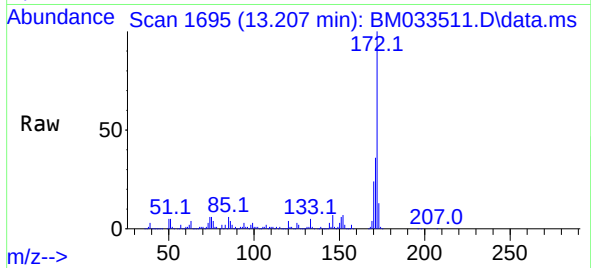
Tgt Ion:196 Resp: 159184
Ion Ratio Lower Upper
196 100
198 95.0 77.8 116.6
97 67.1 49.7 74.5
132 27.8 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 100.593 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

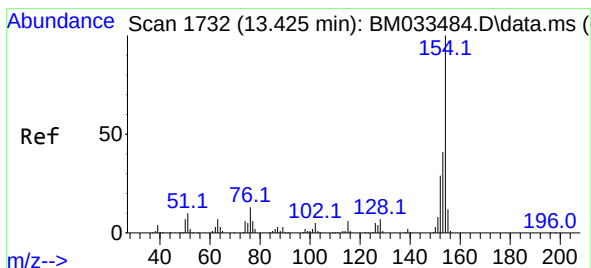
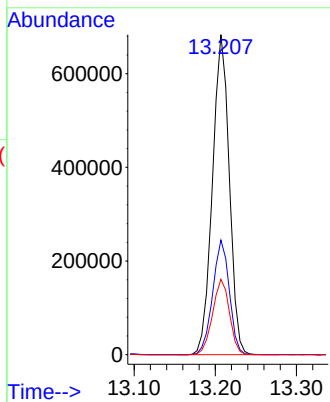
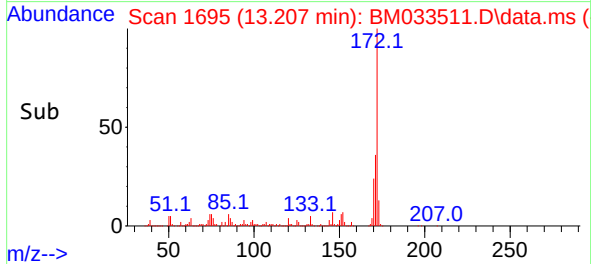
Instrument :
BNA_M
ClientSampleId :
P-2MSD



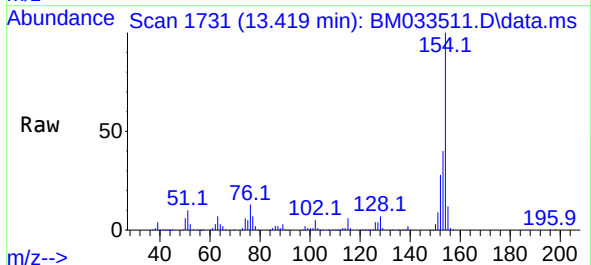
Tgt Ion:172 Resp: 983372
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 23.6 18.7 28.1

Manual Integrations
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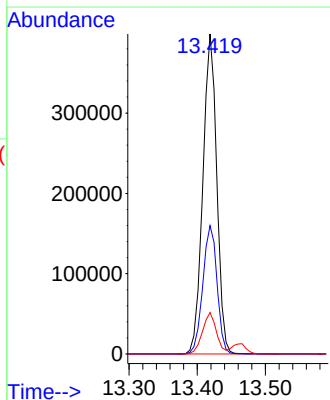
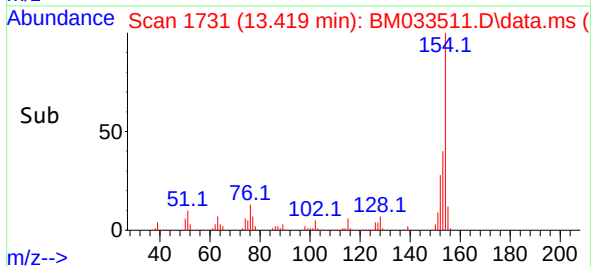
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

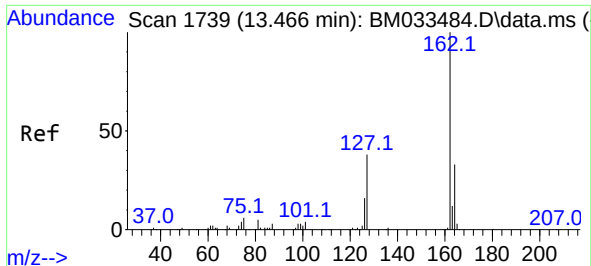


#46
1,1'-Biphenyl
Concen: 56.412 ng
RT: 13.419 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



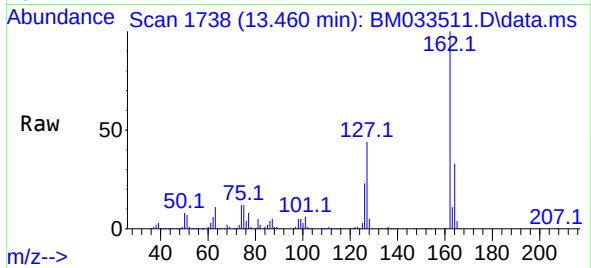
Tgt Ion:154 Resp: 564880
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 13.0 0.0 34.4





#47
2-Chloronaphthalene
Concen: 54.994 ng
RT: 13.460 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

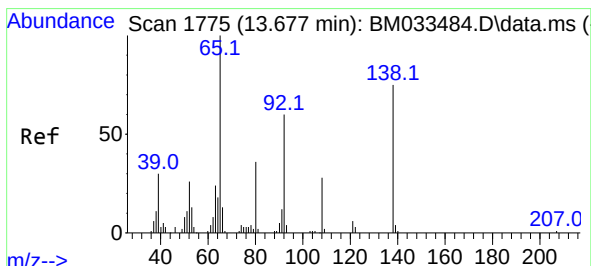
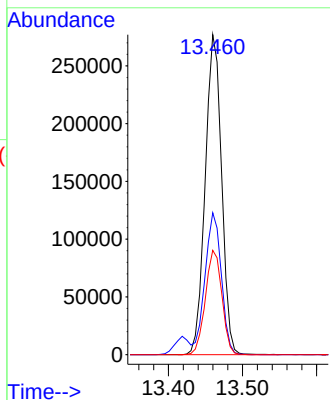
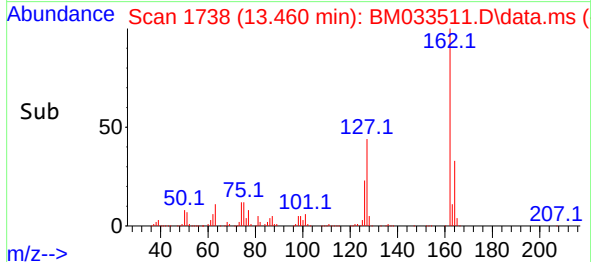
Instrument :
BNA_M
ClientSampleId :
P-2MSD



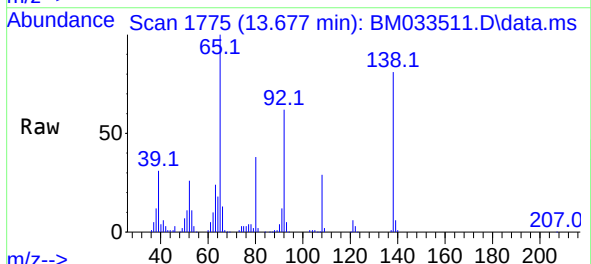
Tgt Ion:162 Resp: 425684
Ion Ratio Lower Upper
162 100
127 44.3 33.8 50.6
164 32.6 26.2 39.4

Manual Integrations
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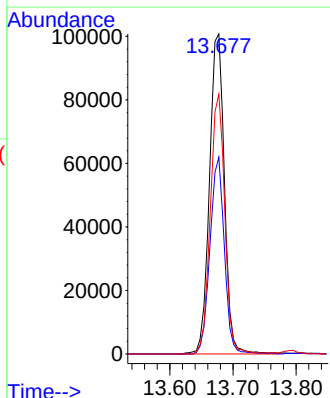
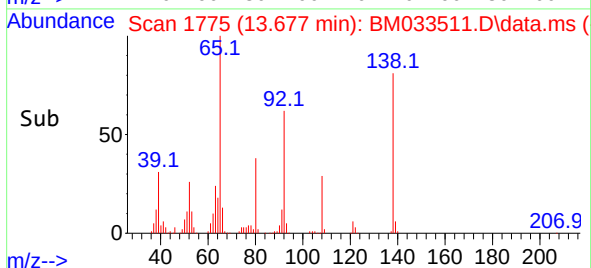
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

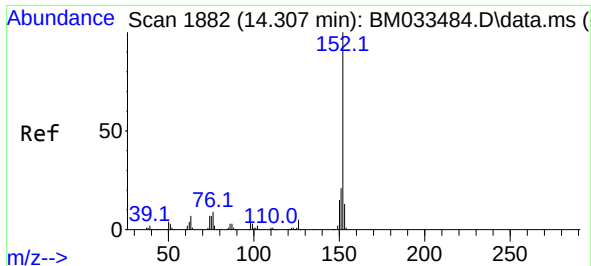


#48
2-Nitroaniline
Concen: 62.789 ng
RT: 13.677 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



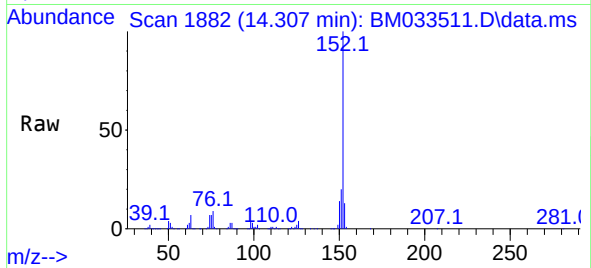
Tgt Ion: 65 Resp: 165579
Ion Ratio Lower Upper
65 100
92 61.5 50.0 75.0
138 81.1 65.7 98.5





#49
Acenaphthylene
Concen: 55.606 ng
RT: 14.307 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

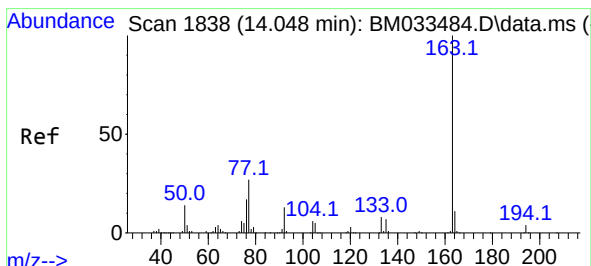
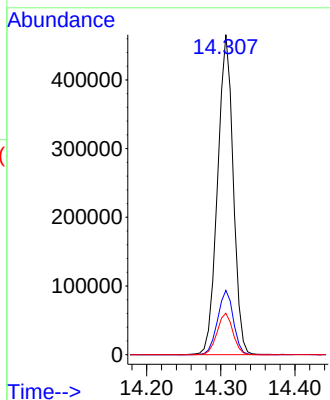
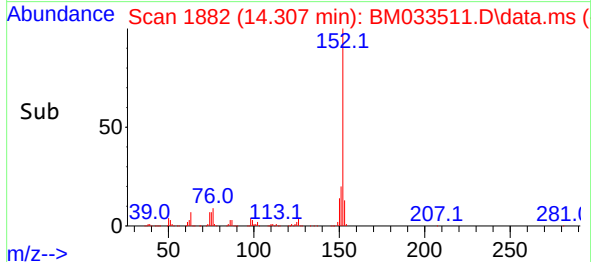
Instrument :
BNA_M
ClientSampleId :
P-2MSD



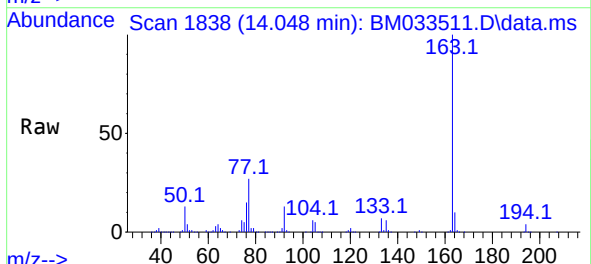
Tgt Ion:152 Resp: 68192
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.2
153 13.0 10.4 15.6

Manual Integrations
APPROVED

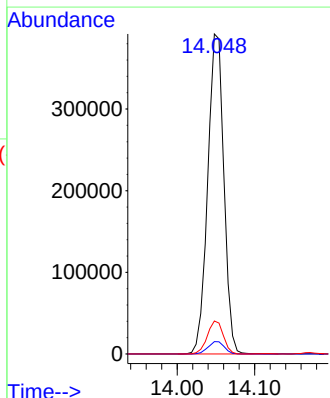
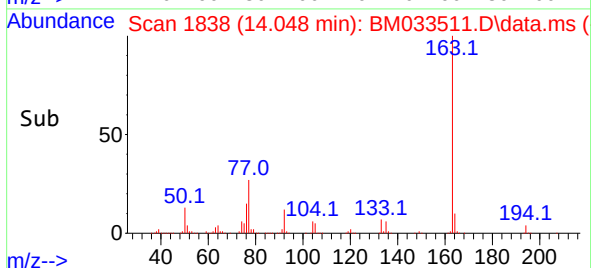
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

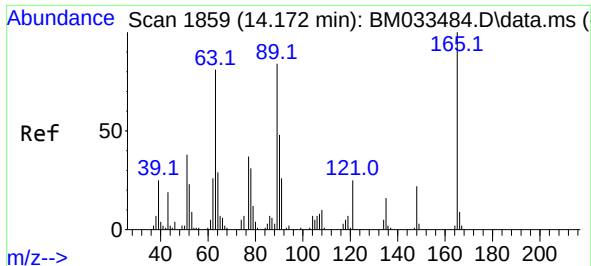


#50
Dimethylphthalate
Concen: 55.389 ng
RT: 14.048 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



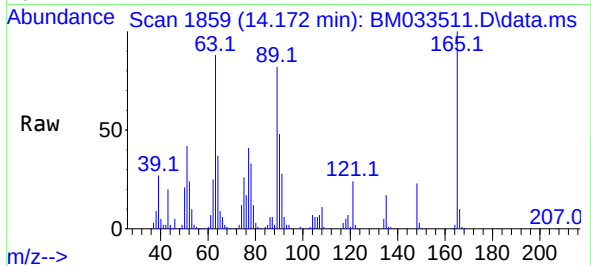
Tgt Ion:163 Resp: 567346
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 58.660 ng
RT: 14.172 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

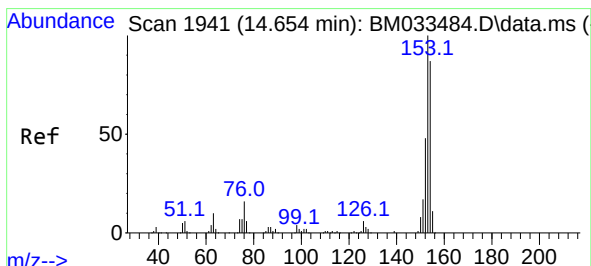
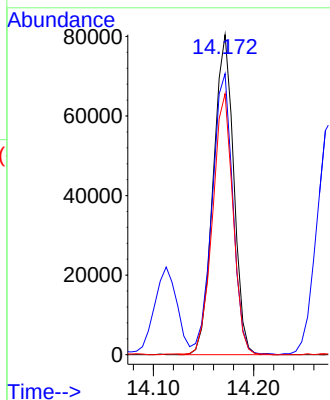
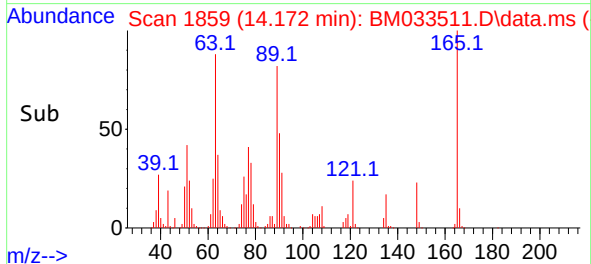
Instrument :
BNA_M
ClientSampleId :
P-2MSD



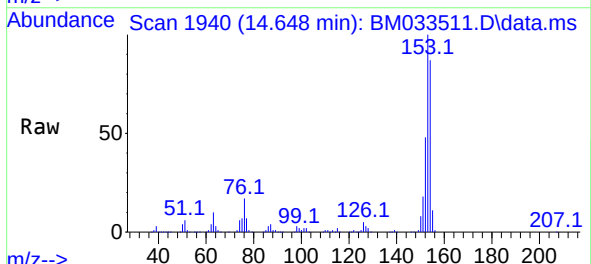
Tgt Ion:165 Resp: 11355
Ion Ratio Lower Upper
165 100
63 87.8 56.9 85.3
89 81.6 54.3 81.5

Manual Integrations
APPROVED

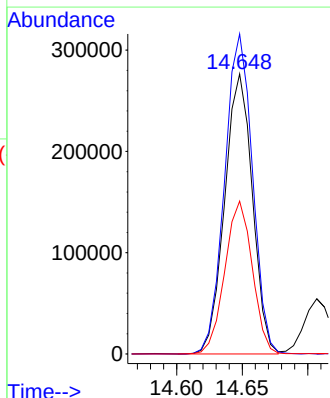
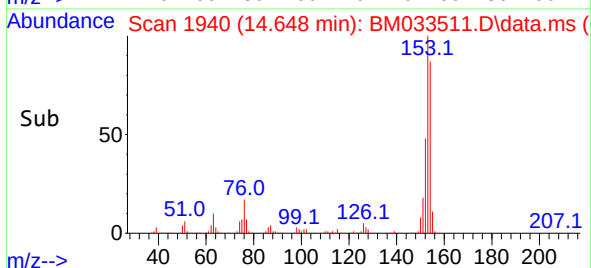
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

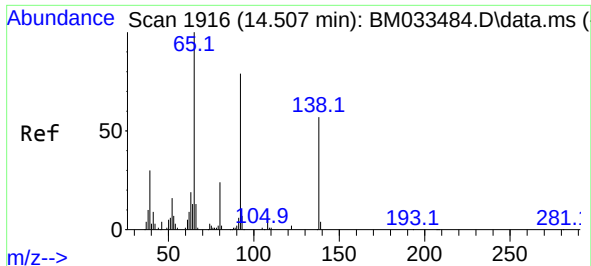


#52
Acenaphthene
Concen: 54.710 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



Tgt Ion:154 Resp: 407481
Ion Ratio Lower Upper
154 100
153 114.3 90.2 135.4
152 54.6 43.5 65.3





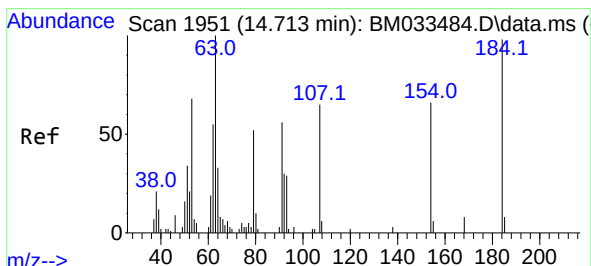
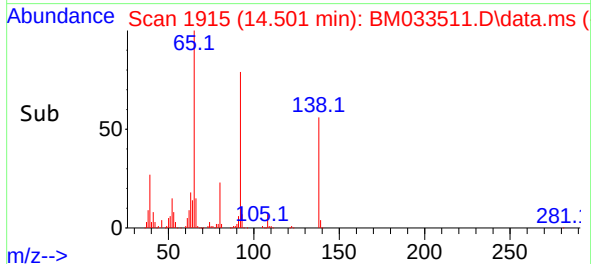
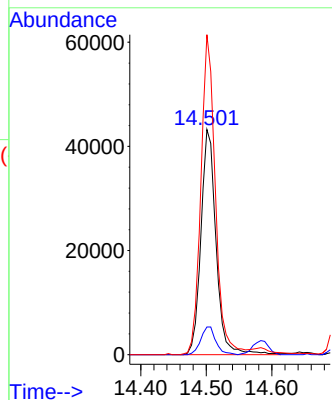
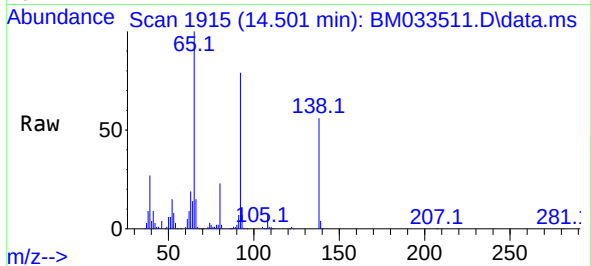
#53
3-Nitroaniline
Concen: 38.336 ng
RT: 14.501 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion:138 Resp: 6960
Ion Ratio Lower Upper
138 100
108 12.3 9.5 14.3
92 142.2 106.6 159.8

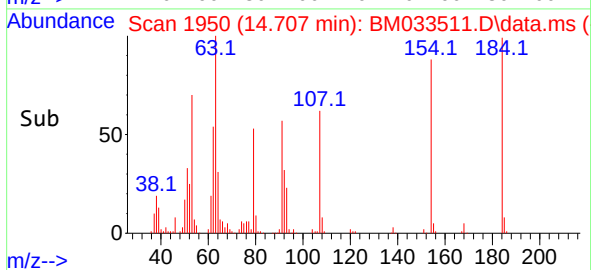
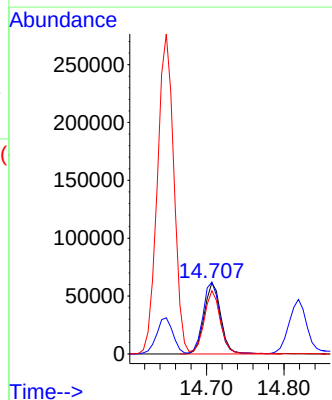
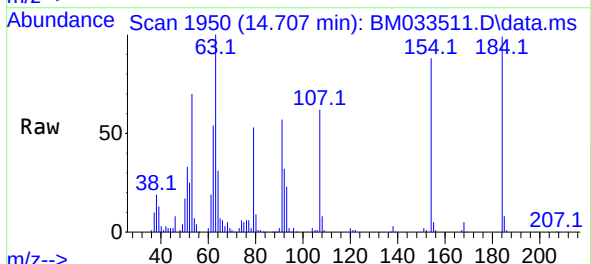
Manual Integrations
APPROVED

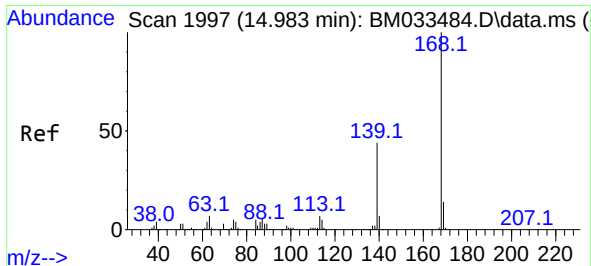
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#54
2,4-Dinitrophenol
Concen: 89.254 ng
RT: 14.707 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

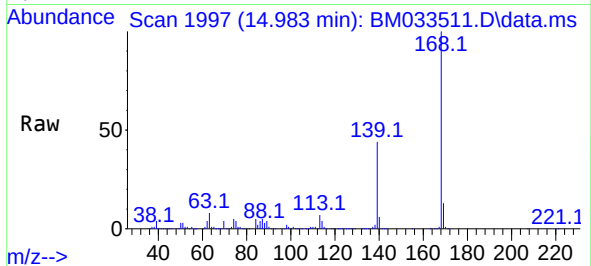
Tgt Ion:184 Resp: 91939
Ion Ratio Lower Upper
184 100
63 100.8 71.8 107.6
154 88.6 55.7 83.5#





#55
Dibenzenofuran
Concen: 52.434 ng
RT: 14.983 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

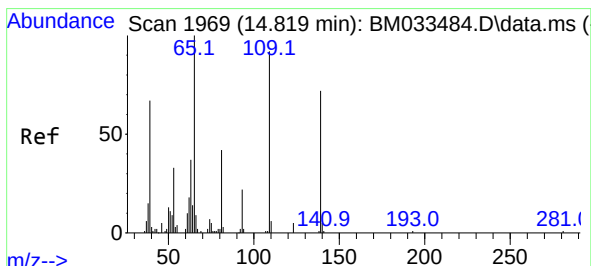
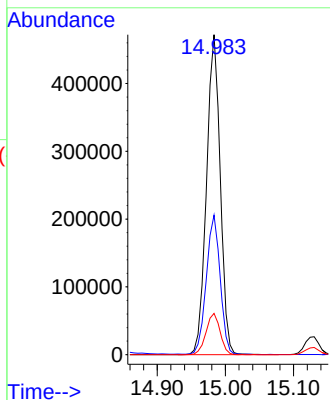
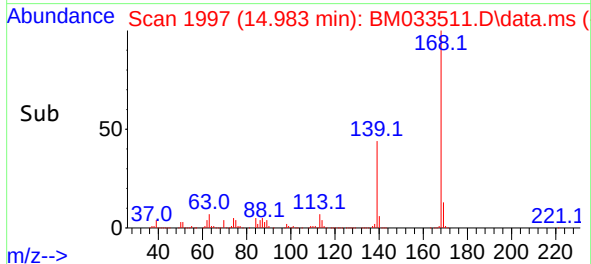
Instrument :
BNA_M
ClientSampleId :
P-2MSD



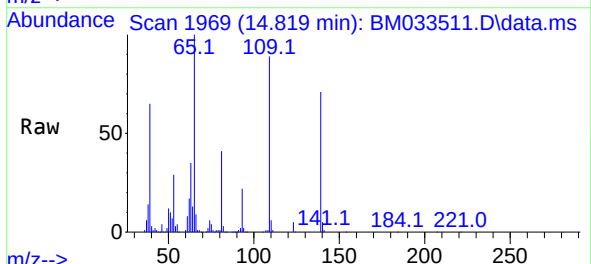
Tgt Ion:168 Resp: 661820
Ion Ratio Lower Upper
168 100
139 43.6 31.4 47.2
169 12.9 10.6 15.8

Manual Integrations
APPROVED

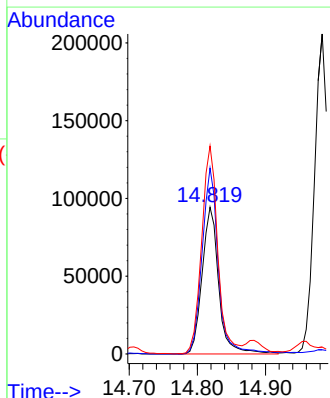
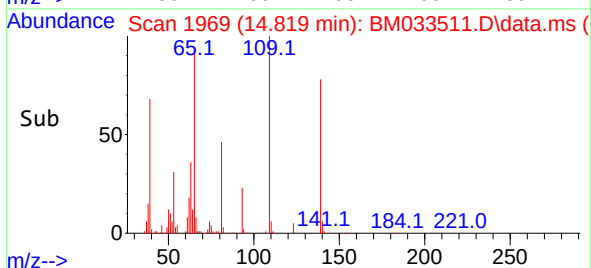
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

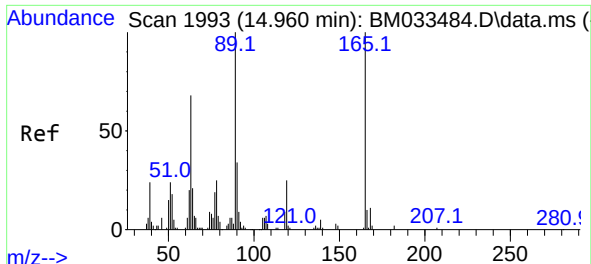


#56
4-Nitrophenol
Concen: 109.124 ng
RT: 14.819 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



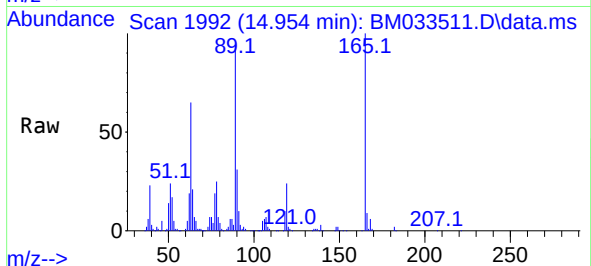
Tgt Ion:139 Resp: 160286
Ion Ratio Lower Upper
139 100
109 126.7 75.3 115.3#
65 141.7 107.4 147.4





#57
2,4-Dinitrotoluene
Concen: 61.682 ng
RT: 14.954 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

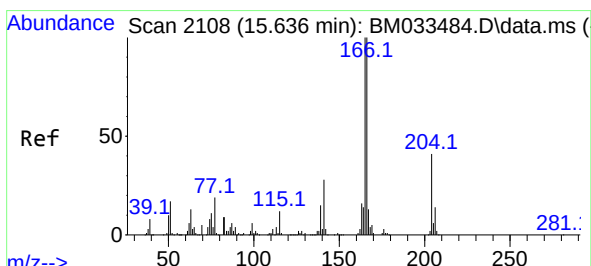
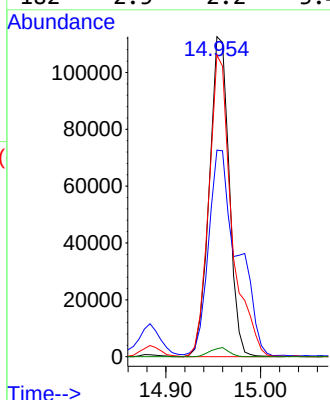
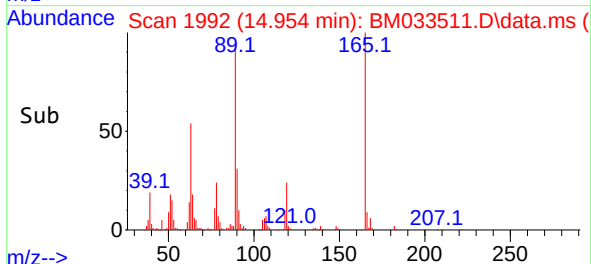
Instrument :
BNA_M
ClientSampleId :
P-2MSD



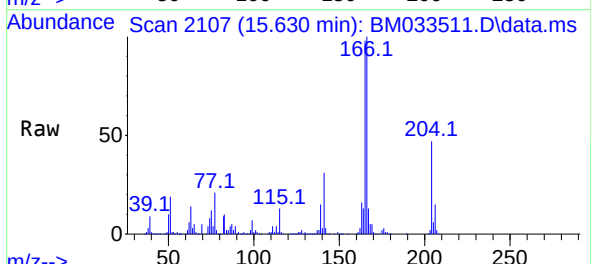
Tgt Ion:165 Resp: 163298
Ion Ratio Lower Upper
165 100
63 64.5 46.2 69.4
89 94.2 72.0 108.0
182 2.5 2.2 3.4

Manual Integrations
APPROVED

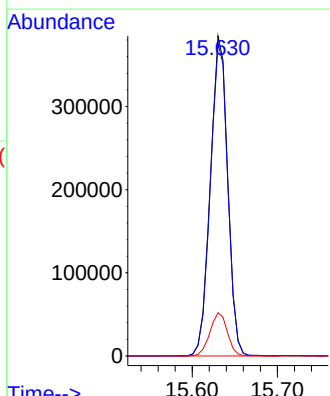
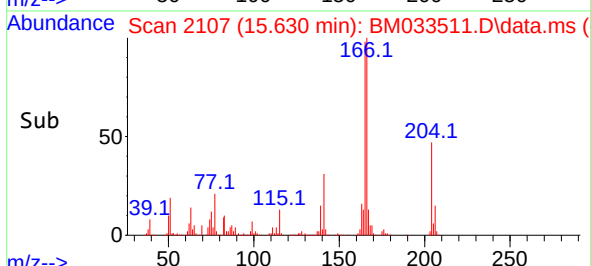
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

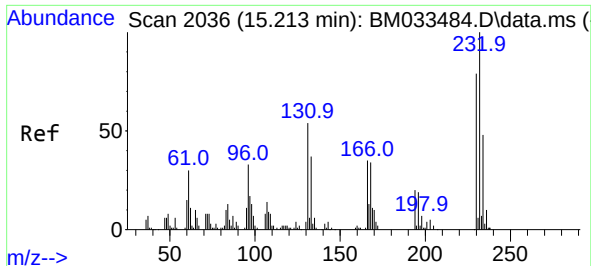


#58
Fluorene
Concen: 53.783 ng
RT: 15.630 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



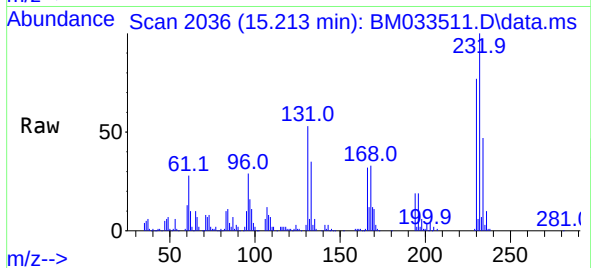
Tgt Ion:166 Resp: 544796
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.882 ng
RT: 15.213 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

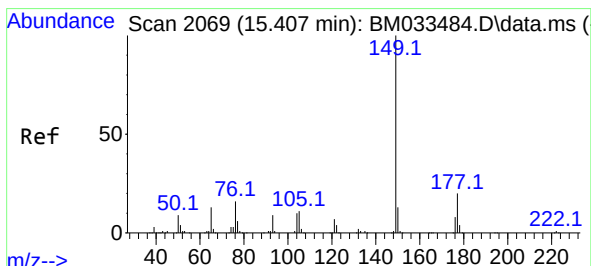
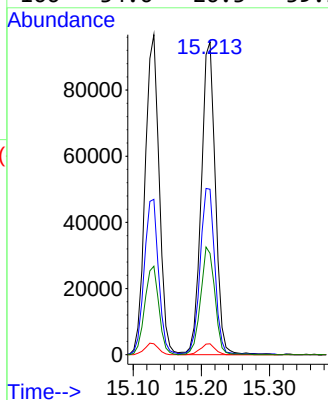
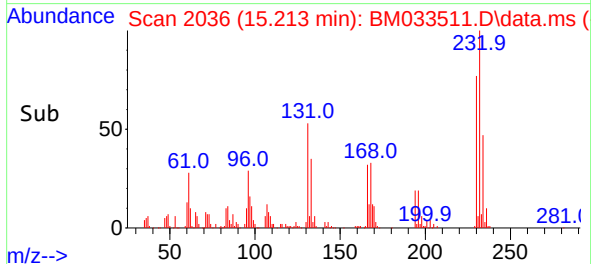
Instrument :
BNA_M
ClientSampleId :
P-2MSD



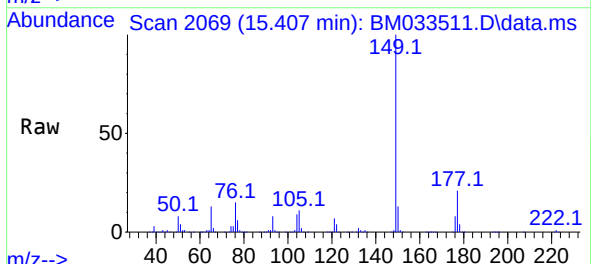
Tgt Ion:232 Resp: 136278
Ion Ratio Lower Upper
232 100
131 54.7 41.4 62.0
130 3.6 2.4 3.6
166 34.6 26.3 39.5

Manual Integrations
APPROVED

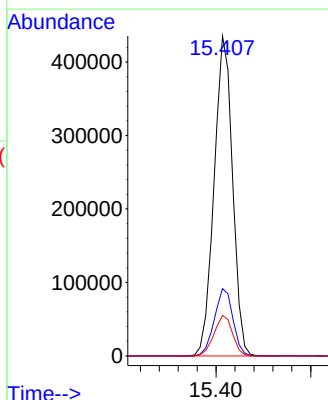
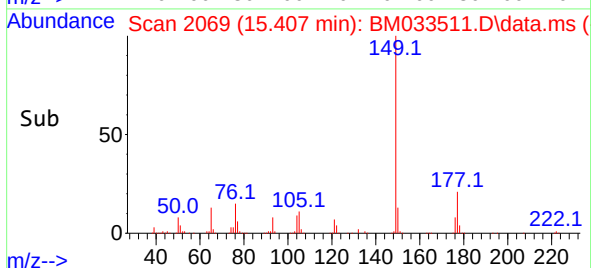
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

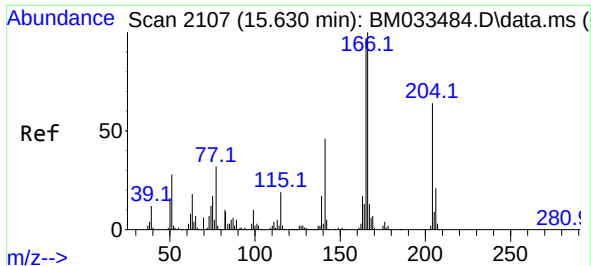


#60
Diethylphthalate
Concen: 53.527 ng
RT: 15.407 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



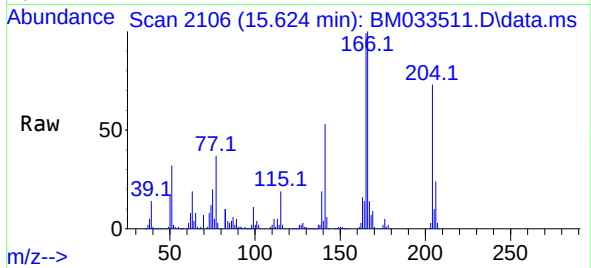
Tgt Ion:149 Resp: 589582
Ion Ratio Lower Upper
149 100
177 21.0 17.5 26.3
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 52.458 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

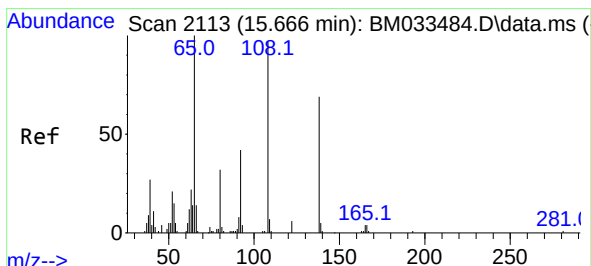
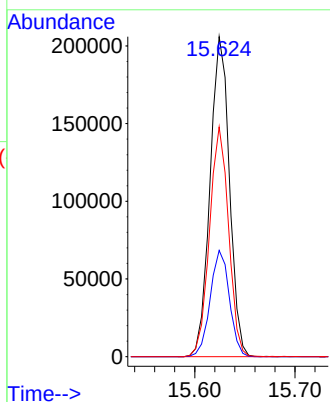
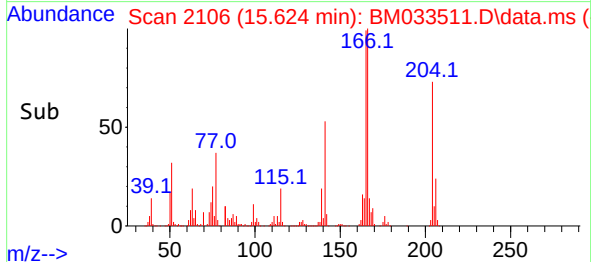
Instrument :
BNA_M
ClientSampleId :
P-2MSD



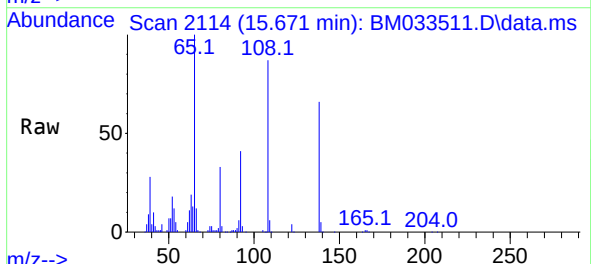
Tgt Ion:204 Resp: 27587
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.2
141 71.8 50.6 76.0

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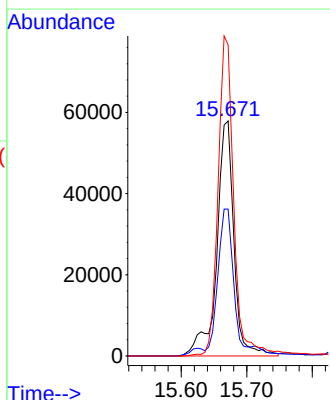
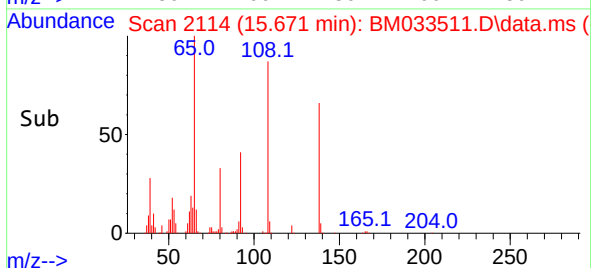
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

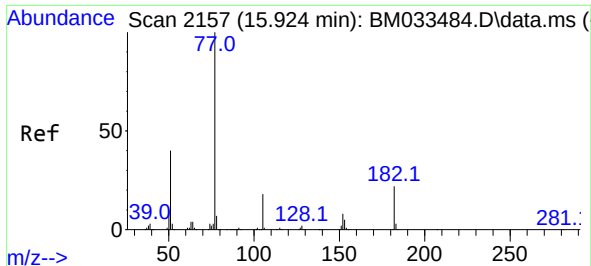


#62
4-Nitroaniline
Concen: 55.275 ng
RT: 15.671 min Scan# 2114
Delta R.T. 0.005 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



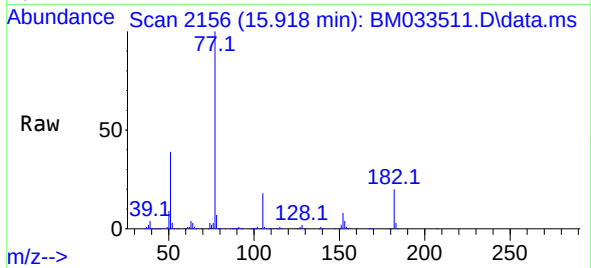
Tgt Ion:138 Resp: 105287
Ion Ratio Lower Upper
138 100
92 62.5 38.7 78.7
108 132.4 81.9 121.9#





#63
Azobenzene
Concen: 52.719 ng
RT: 15.918 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

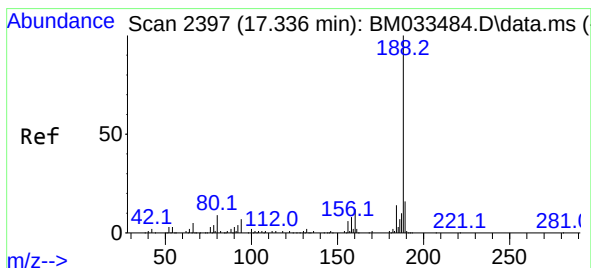
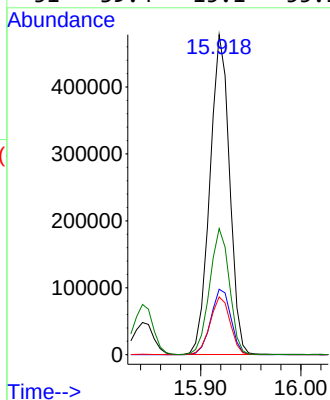
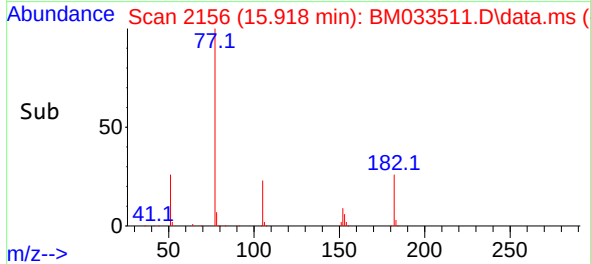
Instrument :
BNA_M
ClientSampleId :
P-2MSD



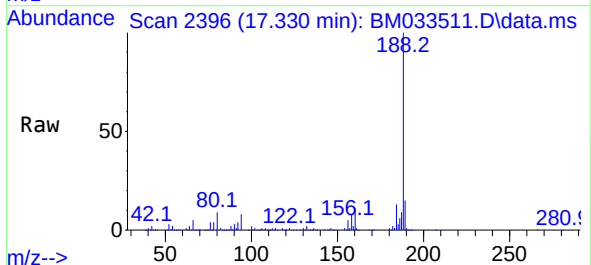
Tgt Ion: 77 Resp: 65144
Ion Ratio Lower Upper
77 100
182 20.5 0.3 40.3
105 18.1 0.0 38.3
51 39.4 15.1 55.1

Manual Integrations
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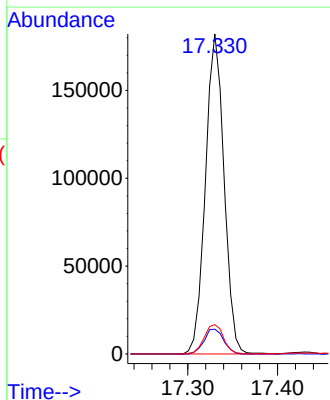
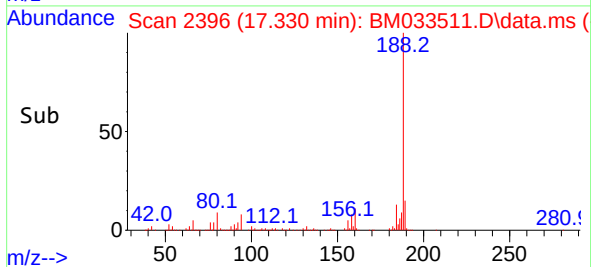
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

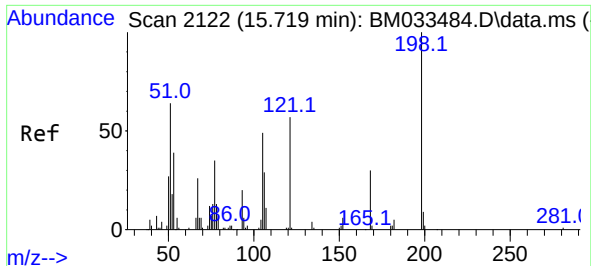


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



Tgt Ion:188 Resp: 262231
Ion Ratio Lower Upper
188 100
94 7.8 7.5 11.3
80 9.1 8.9 13.3





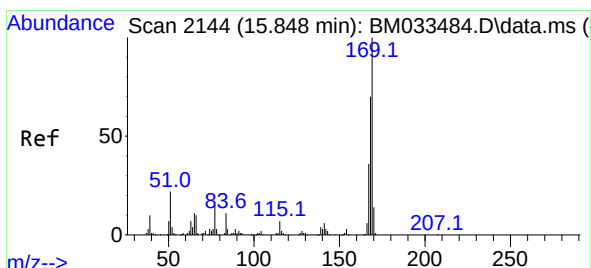
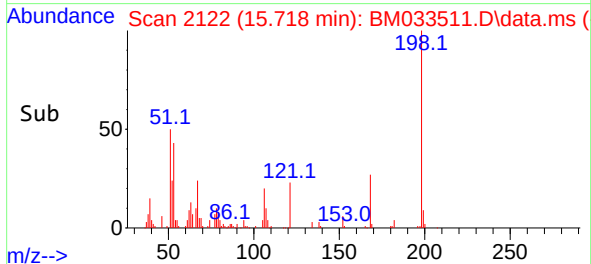
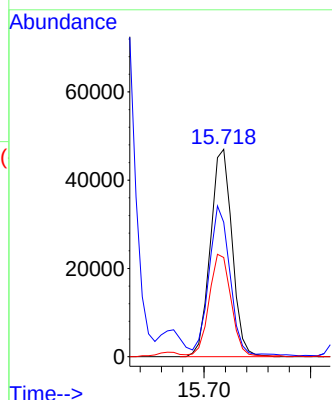
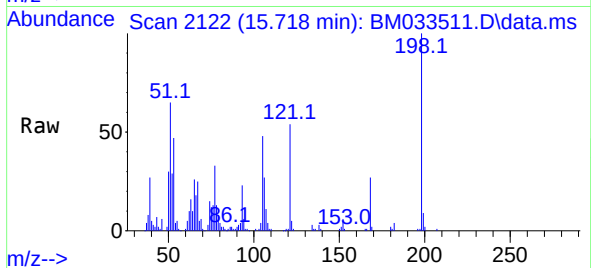
#65
4,6-Dinitro-2-methylphenol
Concen: 49.809 ng
RT: 15.718 min Scan# 2122
Delta R.T. -0.001 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion:198 Resp: 66424
Ion Ratio Lower Upper
198 100
51 64.8 47.9 87.9
105 47.8 32.6 72.6

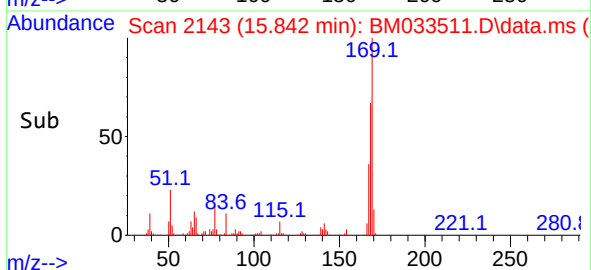
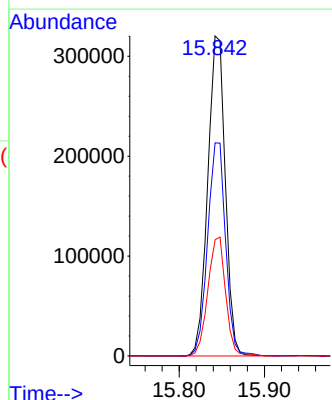
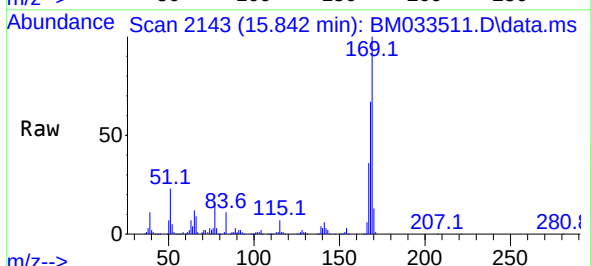
Manual Integrations
APPROVED

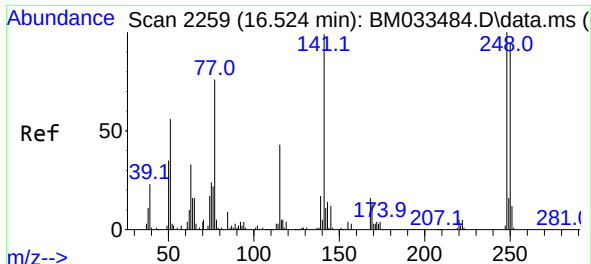
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#66
n-Nitrosodiphenylamine
Concen: 58.872 ng
RT: 15.842 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

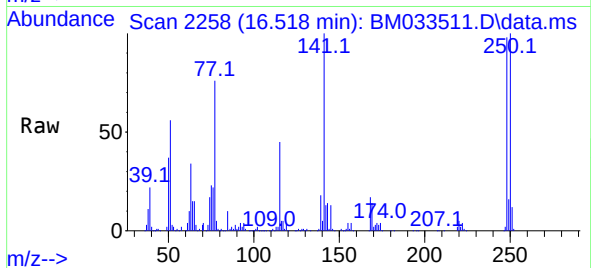
Tgt Ion:169 Resp: 458312
Ion Ratio Lower Upper
169 100
168 66.6 52.5 78.7
167 36.3 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 55.921 ng
RT: 16.518 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

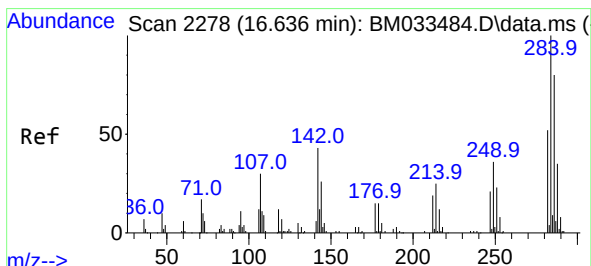
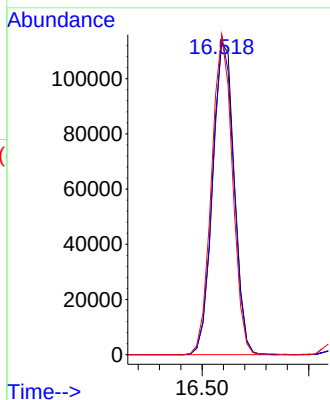
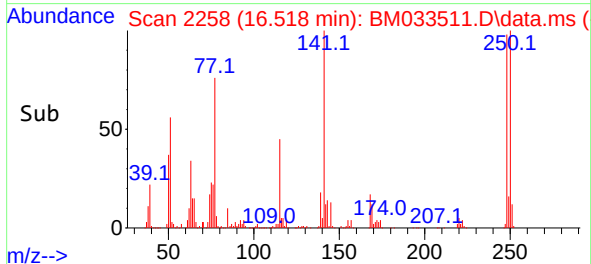
Instrument :
BNA_M
ClientSampleId :
P-2MSD



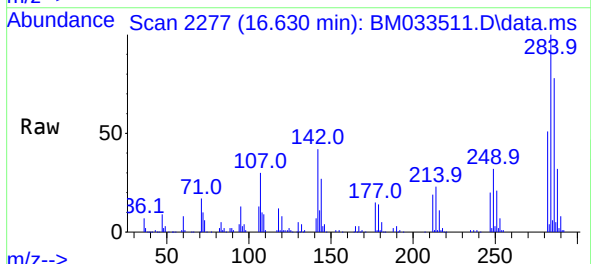
Tgt Ion:248 Resp: 160000
Ion Ratio Lower Upper
248 100
250 101.9 78.2 117.2
141 102.4 65.4 98.2

Manual Integrations
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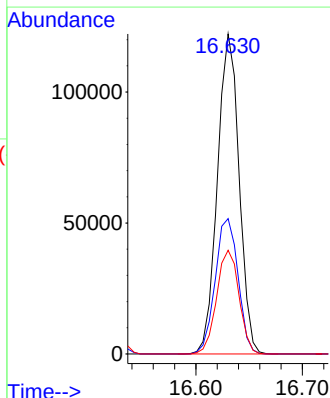
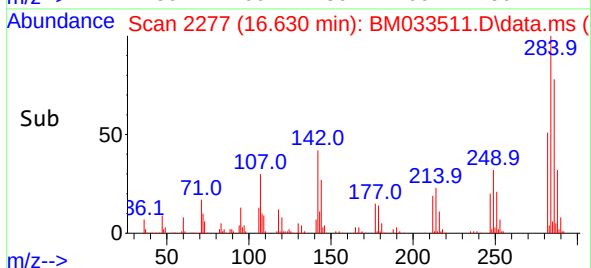
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

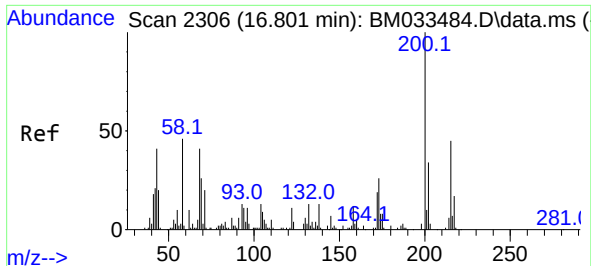


#68
Hexachlorobenzene
Concen: 56.104 ng
RT: 16.630 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



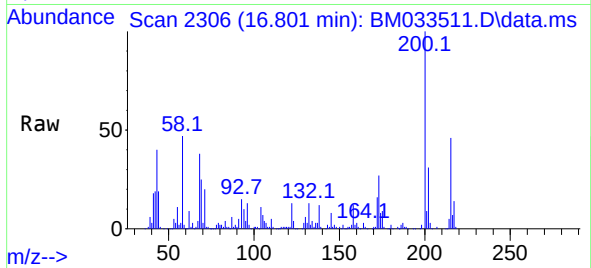
Tgt Ion:284 Resp: 172368
Ion Ratio Lower Upper
284 100
142 42.3 33.1 49.7
249 32.4 27.3 40.9





#69
Atrazine
Concen: 102.422 ng
RT: 16.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

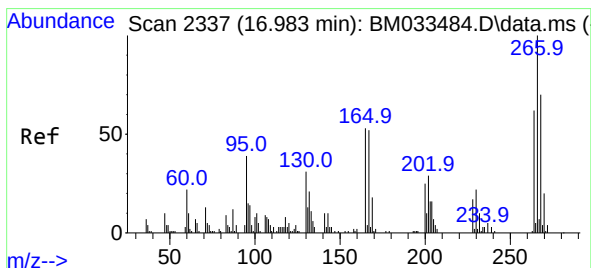
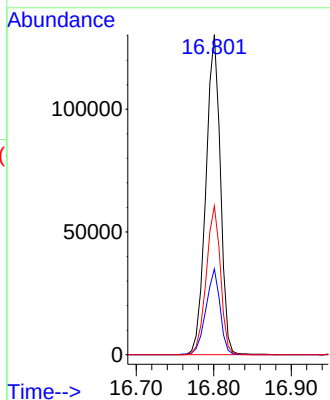
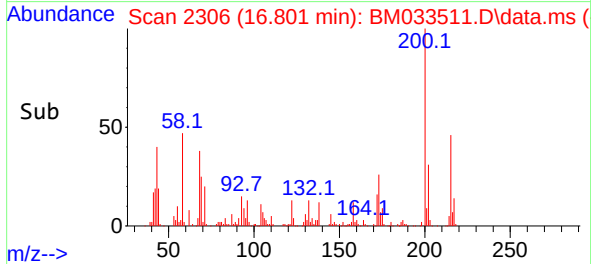
Instrument :
BNA_M
ClientSampleId :
P-2MSD



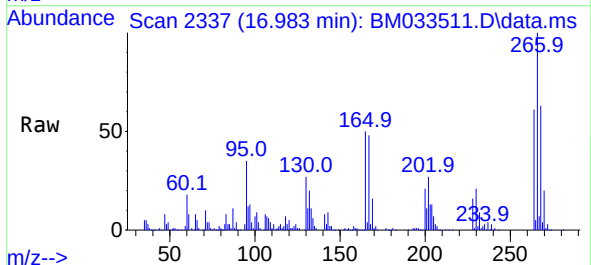
Tgt Ion:200 Resp: 169049
Ion Ratio Lower Upper
200 100
173 26.8 7.3 47.3
215 46.4 25.7 65.7

Manual Integrations
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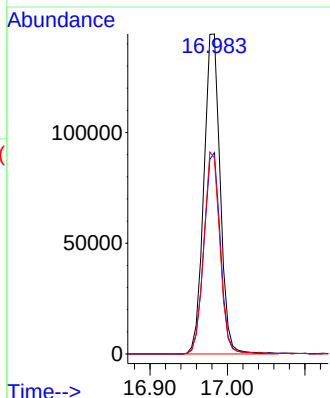
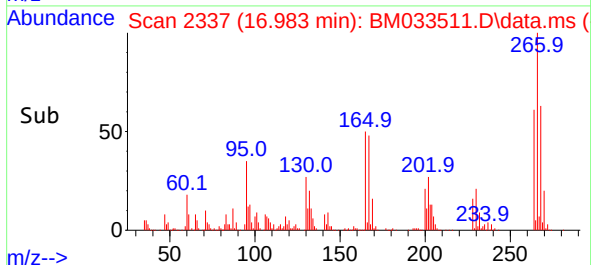
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

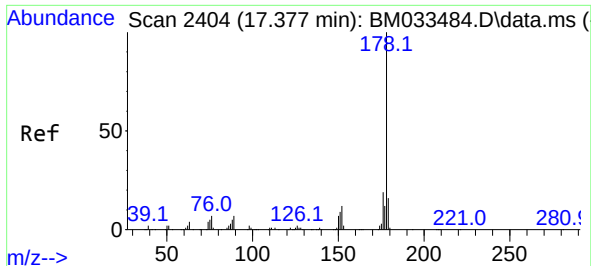


#70
Pentachlorophenol
Concen: 122.487 ng
RT: 16.983 min Scan# 2337
Delta R.T. 0.000 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



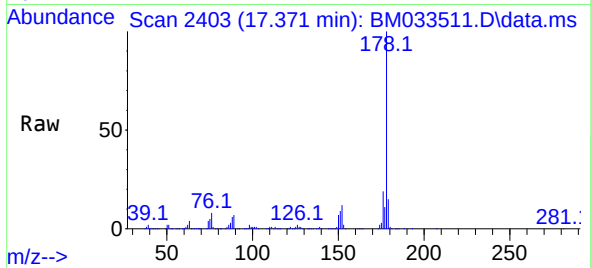
Tgt Ion:266 Resp: 211239
Ion Ratio Lower Upper
266 100
268 62.9 50.1 75.1
264 61.2 49.1 73.7





#71
Phenanthrene
Concen: 54.431 ng
RT: 17.371 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

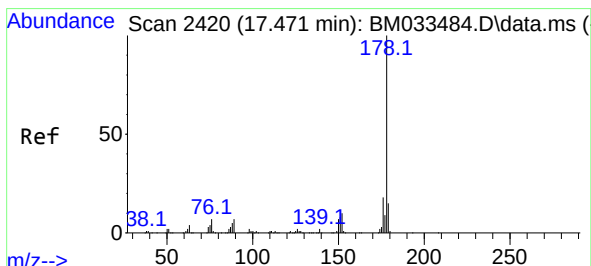
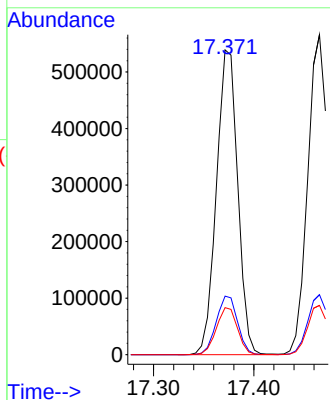
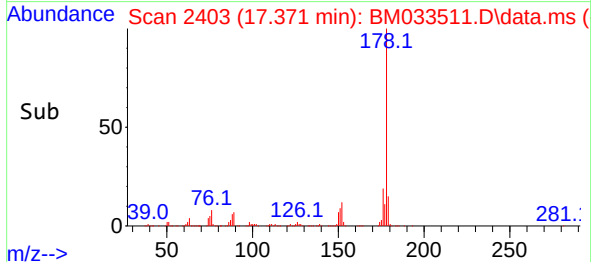
Instrument :
BNA_M
ClientSampleId :
P-2MSD



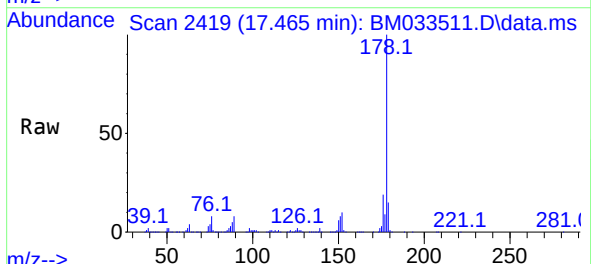
Tgt Ion:178 Resp: 794410
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.0 18.0

Manual Integrations
APPROVED

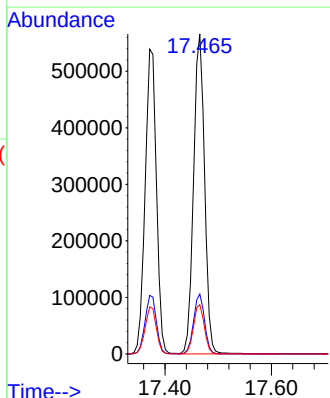
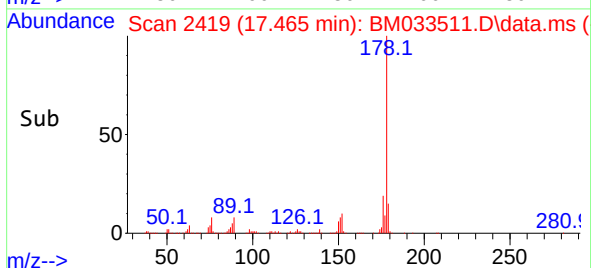
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

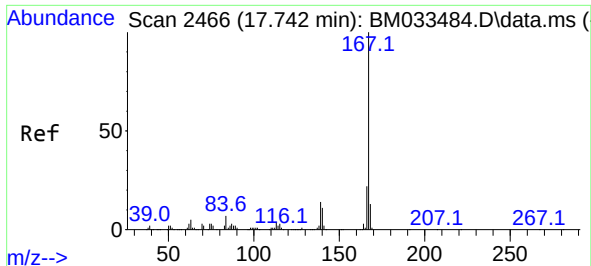


#72
Anthracene
Concen: 56.779 ng
RT: 17.465 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



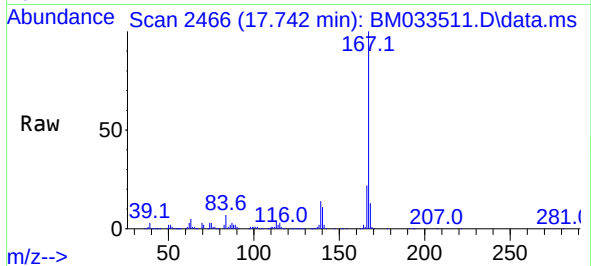
Tgt Ion:178 Resp: 810141
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 15.4 11.9 17.9





#73
 Carbazole
 Concen: 53.297 ng
 RT: 17.742 min Scan# 2466
 Delta R.T. -0.000 min
 Lab File: BM033511.D
 Acq: 17 Dec 2021 18:17

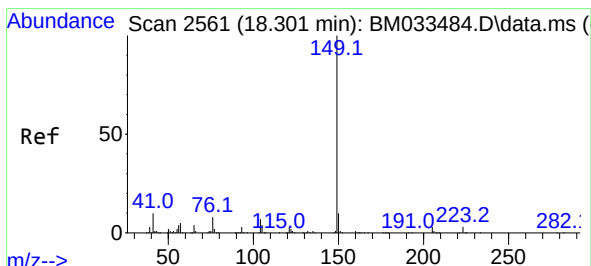
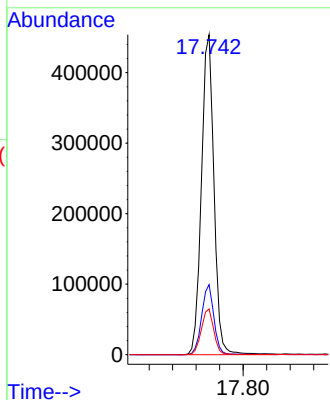
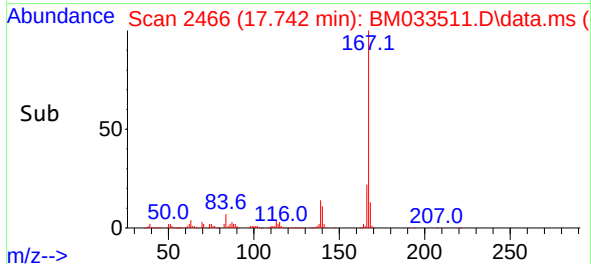
Instrument :
 BNA_M
 ClientSampleId :
 P-2MSD



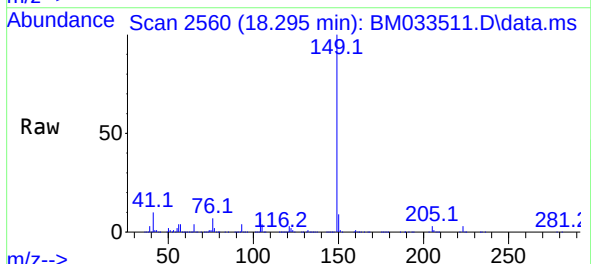
Tgt Ion:167 Resp: 671409
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 14.3 11.0 16.4

Manual Integrations
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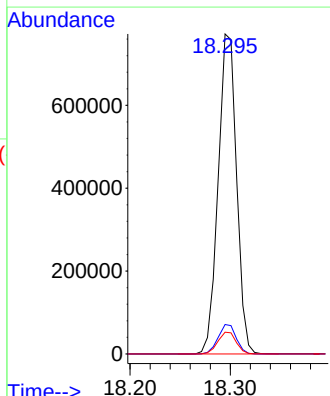
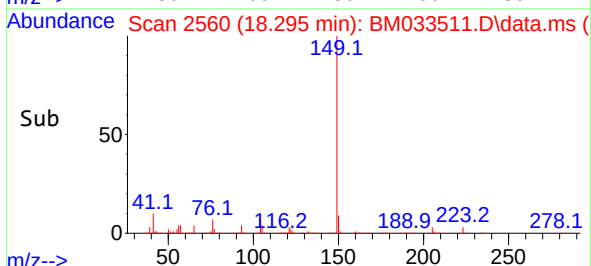
Reviewed By :Christian Giraldo 12/18/2021
 Supervised By :Jagrut Upadhyay 12/20/2021

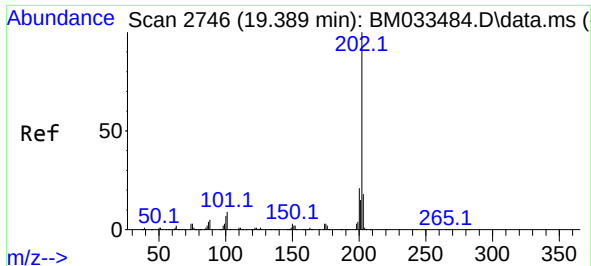


#74
 Di-n-butylphthalate
 Concen: 56.126 ng
 RT: 18.295 min Scan# 2560
 Delta R.T. -0.006 min
 Lab File: BM033511.D
 Acq: 17 Dec 2021 18:17



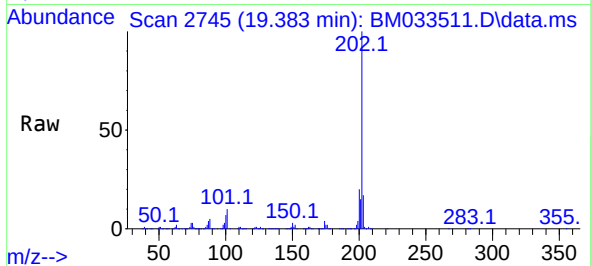
Tgt Ion:149 Resp: 982911
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.8 4.6 6.8





#75
Fluoranthene
Concen: 46.898 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

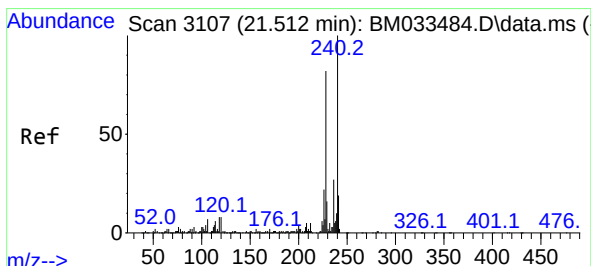
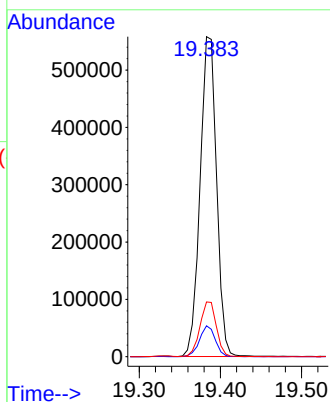
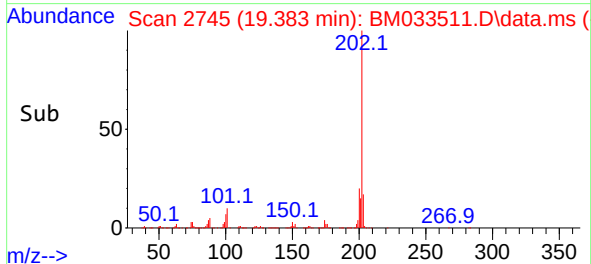
Instrument :
BNA_M
ClientSampleId :
P-2MSD



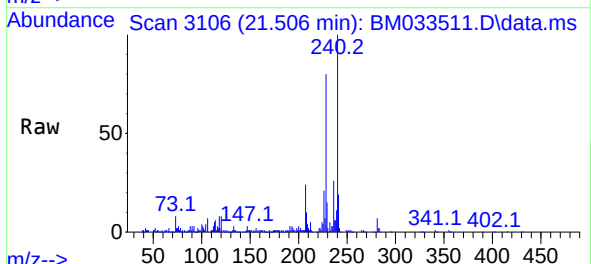
Tgt Ion:202 Resp: 787378
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.8
203 17.1 0.0 37.2

Manual Integrations
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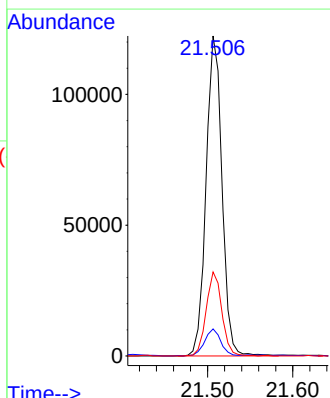
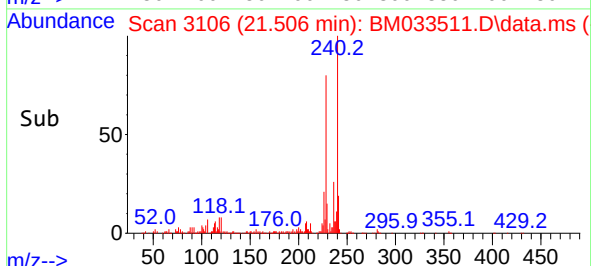
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

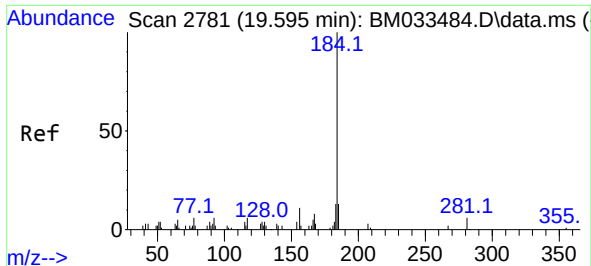


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



Tgt Ion:240 Resp: 158998
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 26.3 20.3 30.5





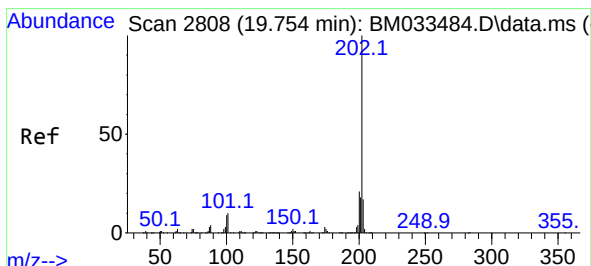
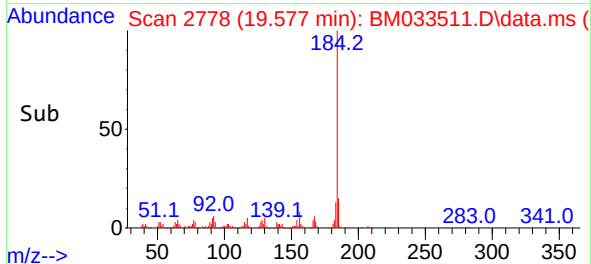
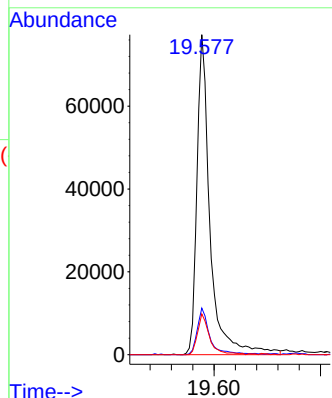
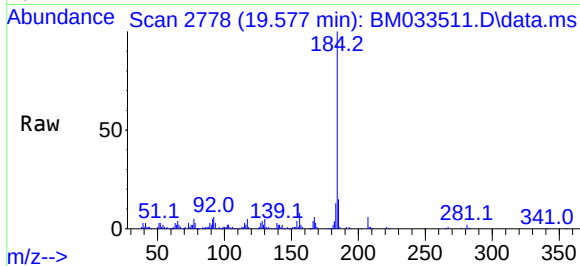
#77
Benzidine
Concen: 177.792 ng
RT: 19.577 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion:184 Resp: 13217
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 12.8 9.7 14.5

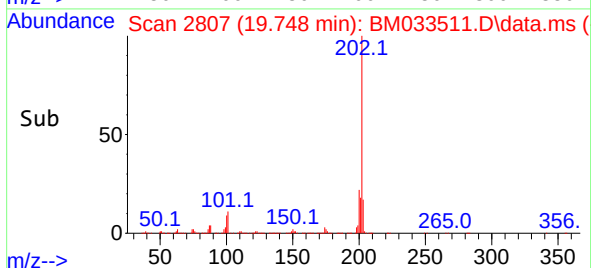
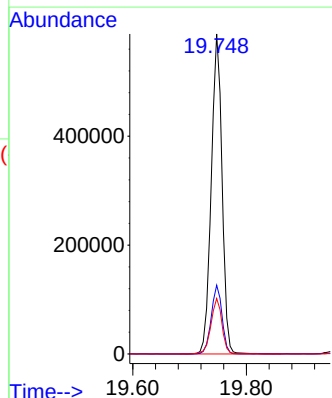
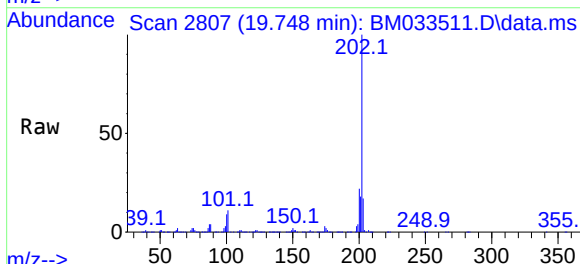
Manual Integrations
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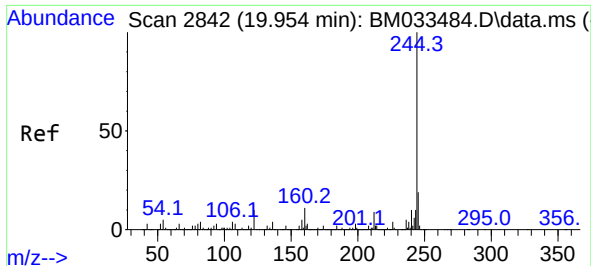
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#78
Pyrene
Concen: 61.561 ng
RT: 19.748 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

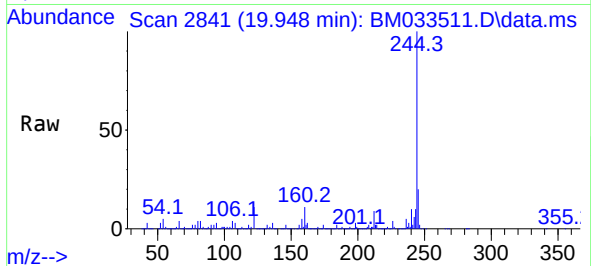
Tgt Ion:202 Resp: 772295
Ion Ratio Lower Upper
202 100
200 21.5 16.4 24.6
203 17.4 13.5 20.3





#79
Terphenyl-d14
Concen: 116.327 ng
RT: 19.948 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

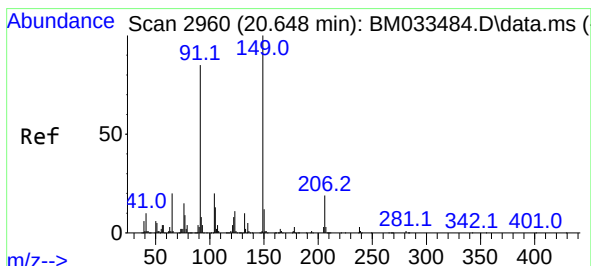
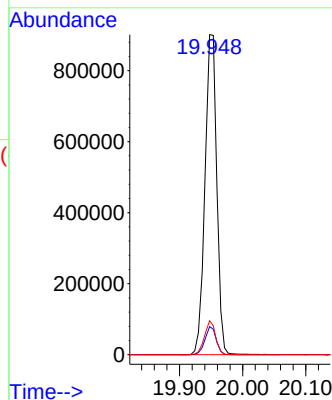
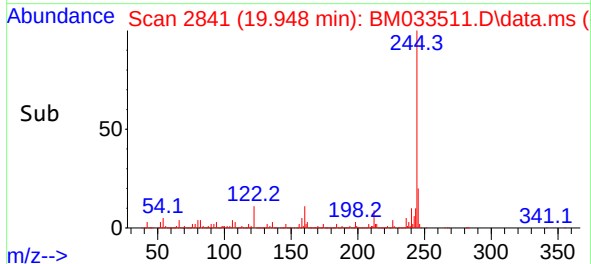
Instrument :
BNA_M
ClientSampleId :
P-2MSD



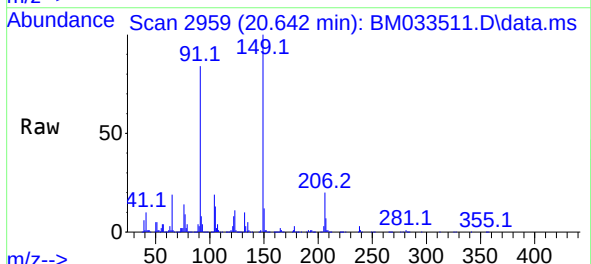
Tgt Ion:244 Resp: 1174838
Ion Ratio Lower Upper
244 100
212 8.7 5.9 8.9
122 10.6 8.4 12.6

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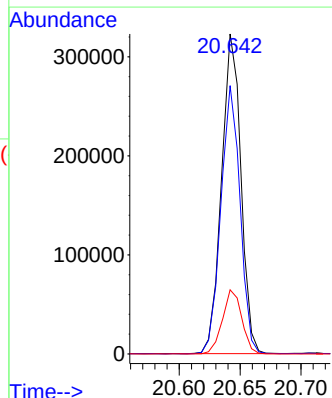
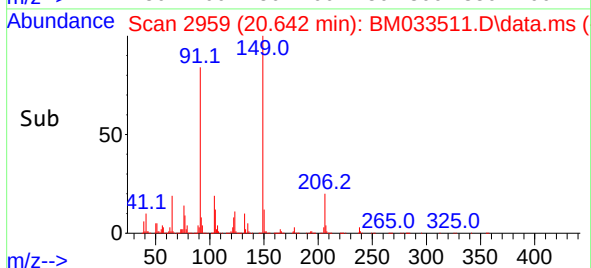
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

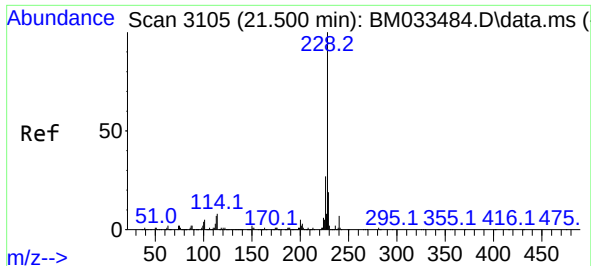


#80
Butylbenzylphthalate
Concen: 63.724 ng
RT: 20.642 min Scan# 2959
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



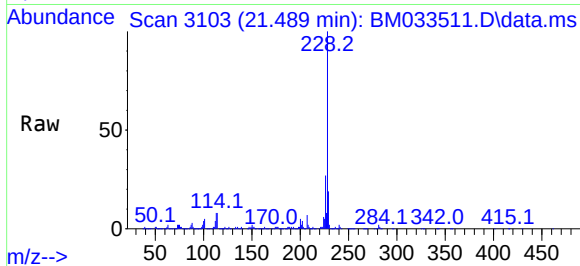
Tgt Ion:149 Resp: 357780
Ion Ratio Lower Upper
149 100
91 83.9 63.4 95.0
206 20.0 16.8 25.2





#81
Benzo(a)anthracene
Concen: 53.208 ng
RT: 21.489 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

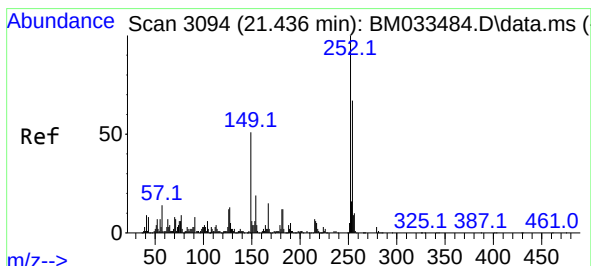
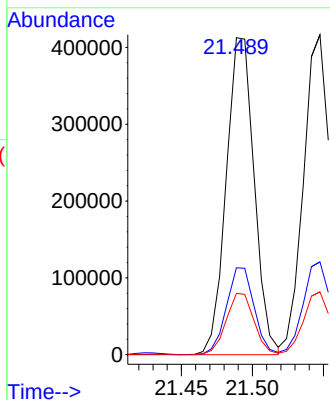
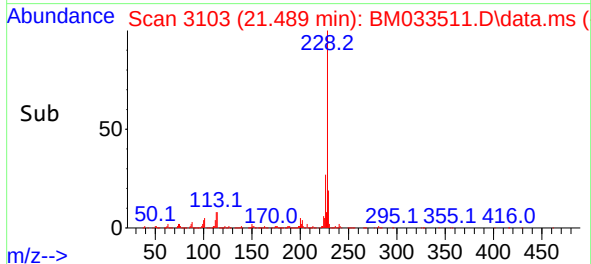
Instrument :
BNA_M
ClientSampleId :
P-2MSD



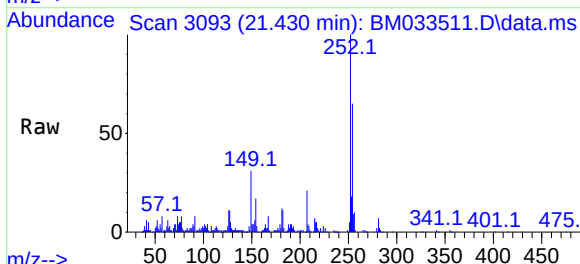
Tgt Ion:228 Resp: 567019
Ion Ratio Lower Upper
228 100
226 27.4 21.0 31.6
229 19.4 15.5 23.3

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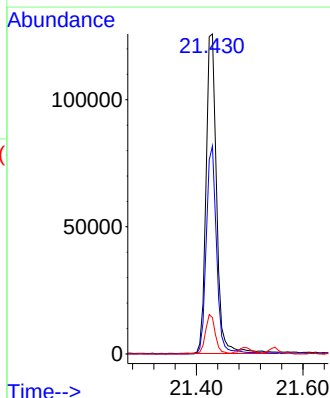
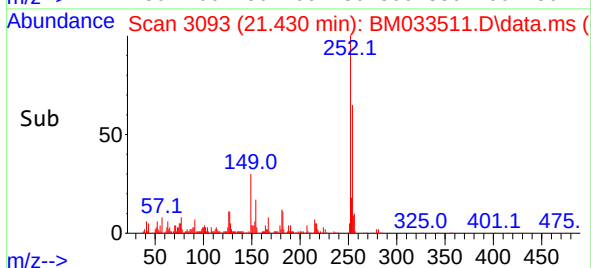
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

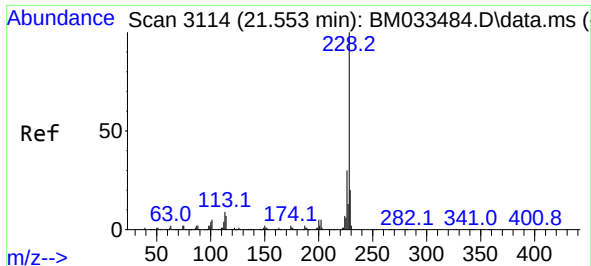


#82
3,3'-Dichlorobenzidine
Concen: 41.434 ng
RT: 21.430 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



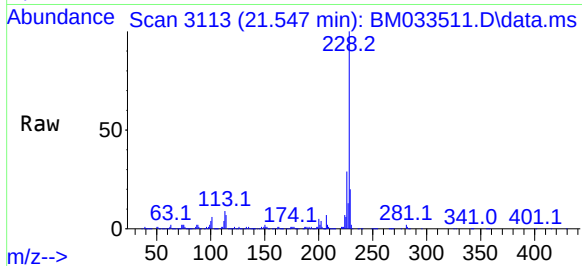
Tgt Ion:252 Resp: 173123
Ion Ratio Lower Upper
252 100
254 65.0 50.9 76.3
126 11.4 8.8 13.2





#83
Chrysene
Concen: 53.085 ng
RT: 21.547 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

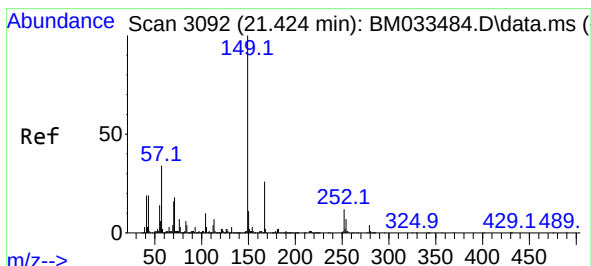
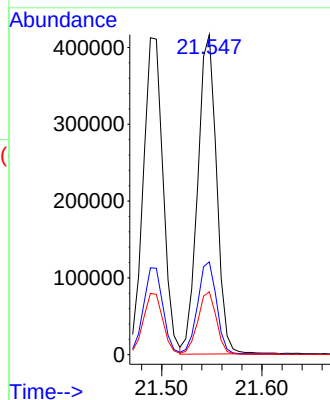
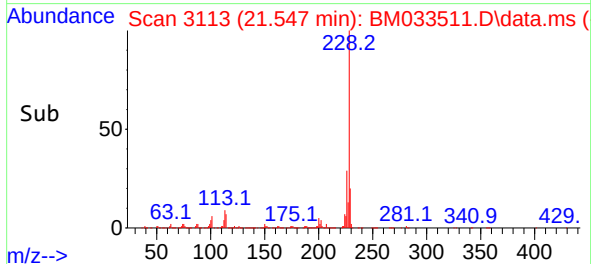
Instrument :
BNA_M
ClientSampleId :
P-2MSD



Tgt Ion:228 Resp: 544684
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.8
229 19.7 15.8 23.8

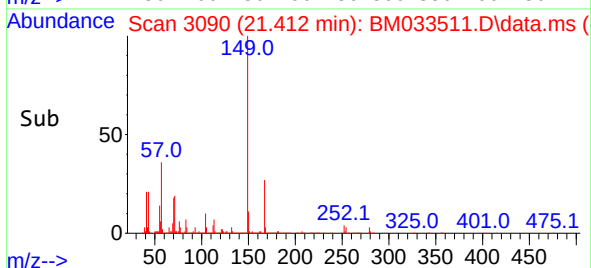
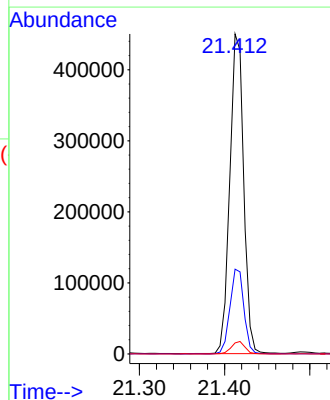
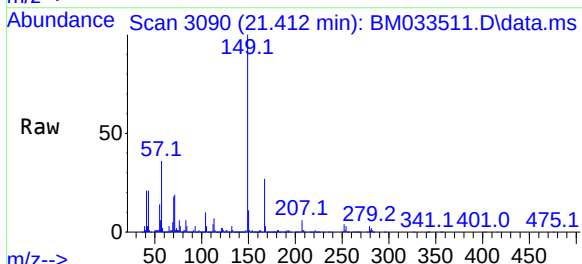
Manual Integrations
APPROVED

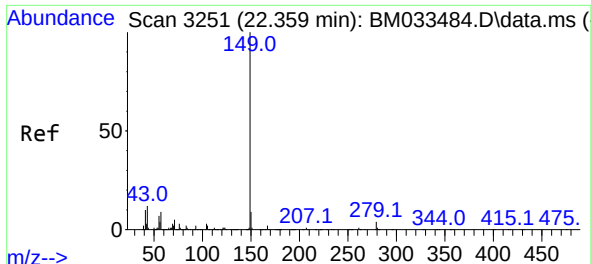
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.870 ng
RT: 21.412 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

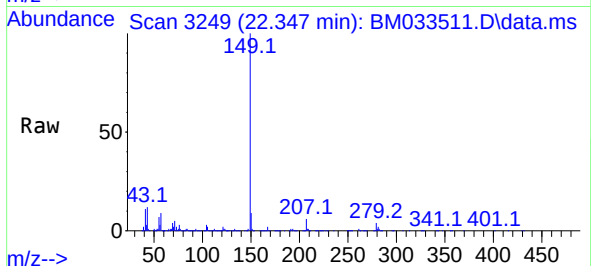
Tgt Ion:149 Resp: 509136
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 3.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 56.061 ng
RT: 22.347 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

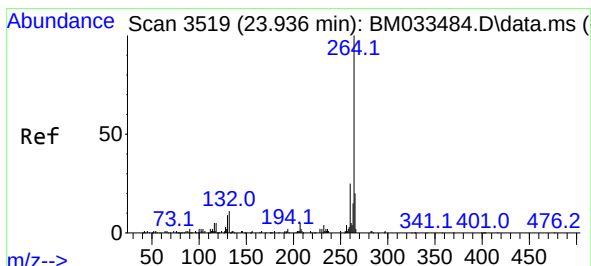
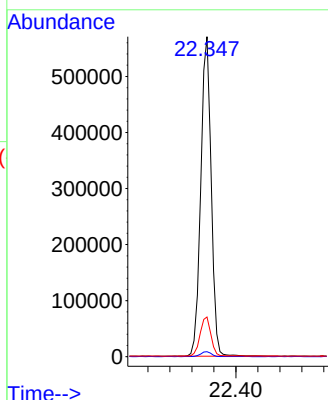
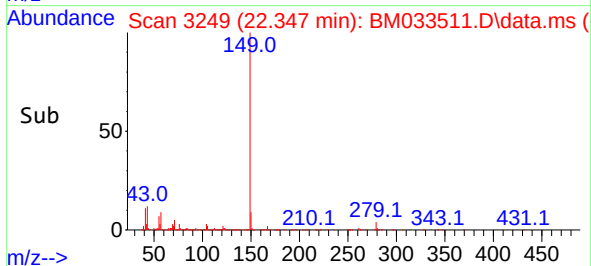
Instrument :
BNA_M
ClientSampleId :
P-2MSD



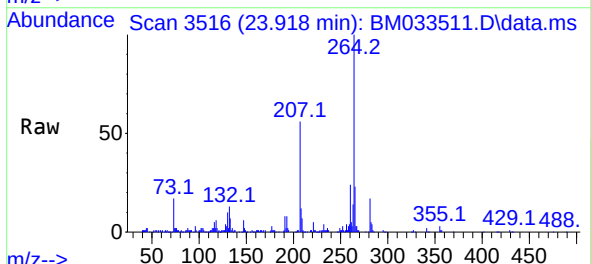
Tgt Ion:149 Resp: 749938
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.9 10.4 15.6

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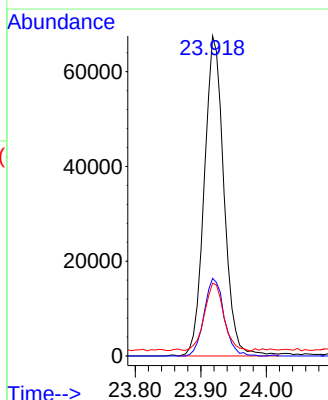
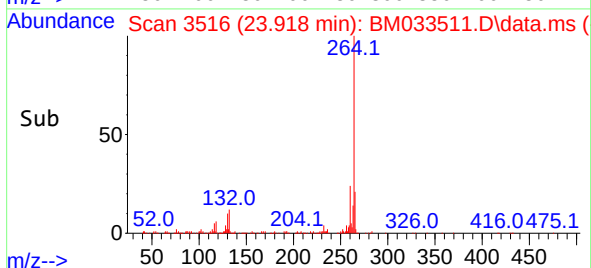
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

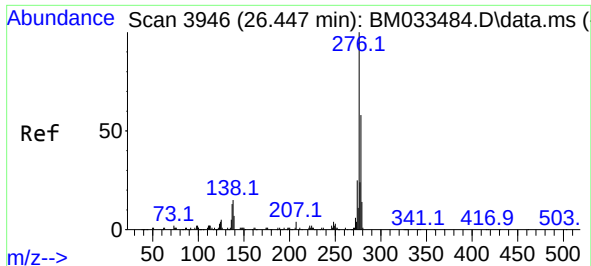


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.918 min Scan# 3516
Delta R.T. -0.018 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



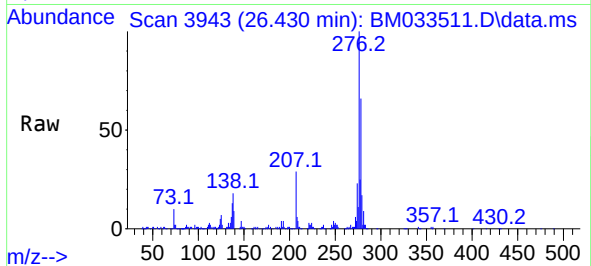
Tgt Ion:264 Resp: 140713
Ion Ratio Lower Upper
264 100
260 24.3 17.7 26.5
265 22.8 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 69.024 ng
RT: 26.430 min Scan# 3943
Delta R.T. -0.017 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

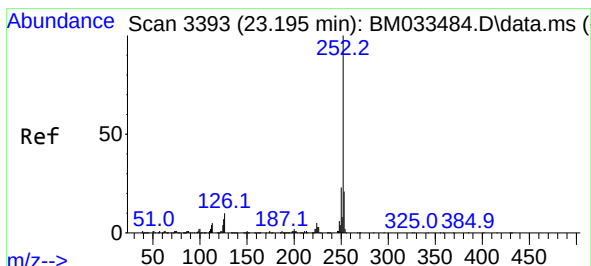
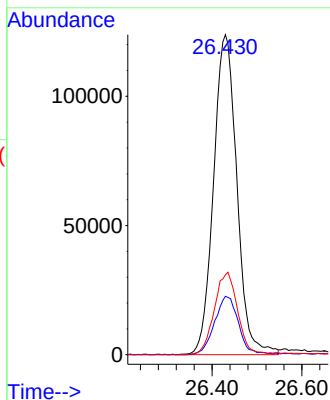
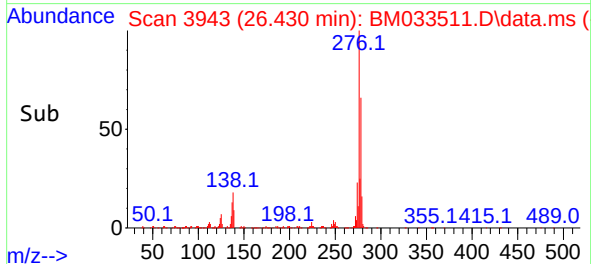
Instrument :
BNA_M
ClientSampleId :
P-2MSD



Tgt Ion:276 Resp: 44779
Ion Ratio Lower Upper
276 100
138 18.7 18.7 28.1
277 25.6 20.2 30.4

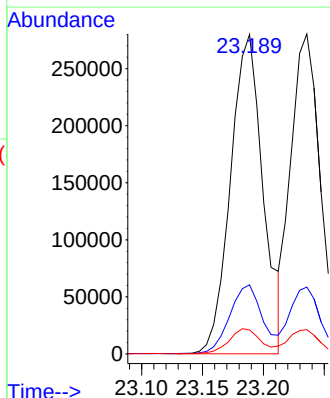
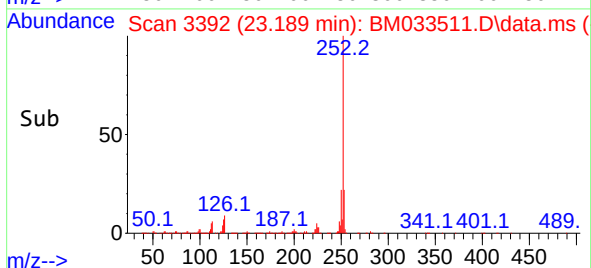
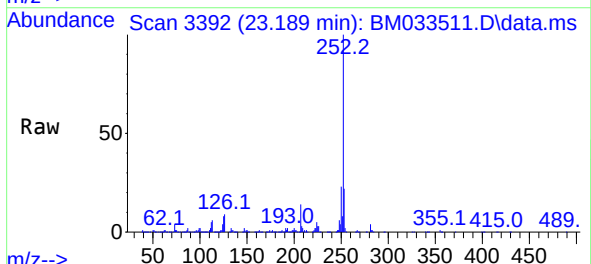
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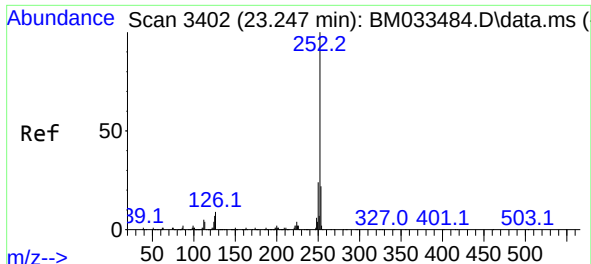
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#88
Benzo(b)fluoranthene
Concen: 57.651 ng
RT: 23.189 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Tgt Ion:252 Resp: 520189
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 7.5 7.4 11.2





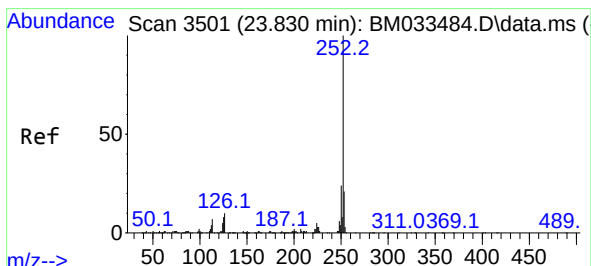
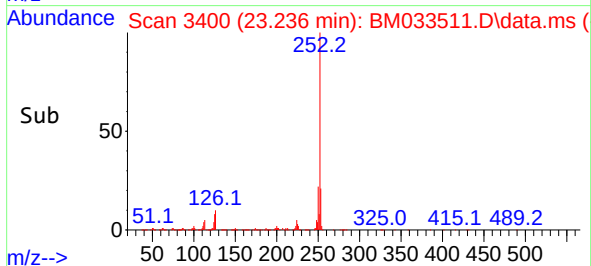
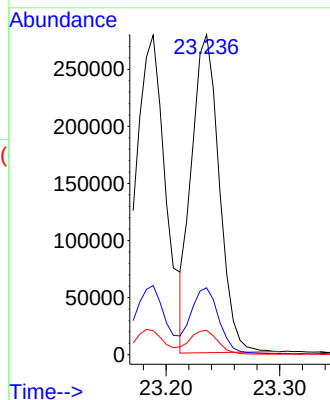
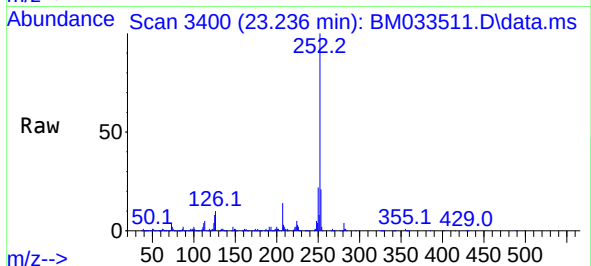
#89
Benzo(k)fluoranthene
Concen: 51.450 ng
RT: 23.236 min Scan# 34
Delta R.T. -0.011 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Tgt Ion:252 Resp: 469579
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 7.6 8.1 12.1

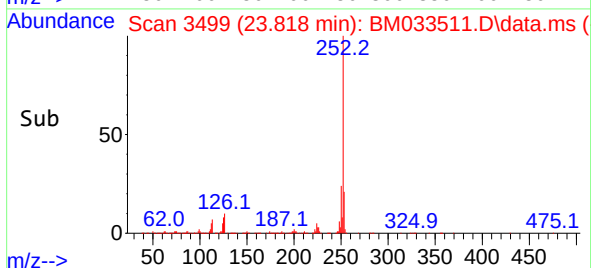
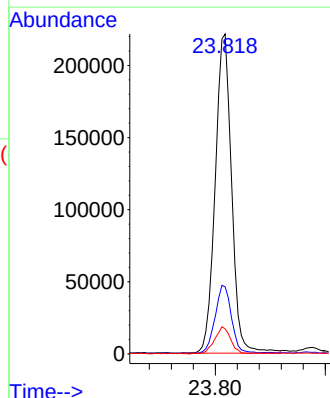
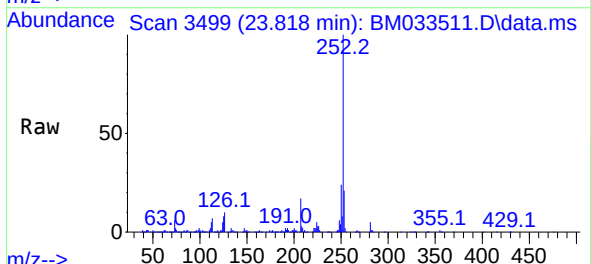
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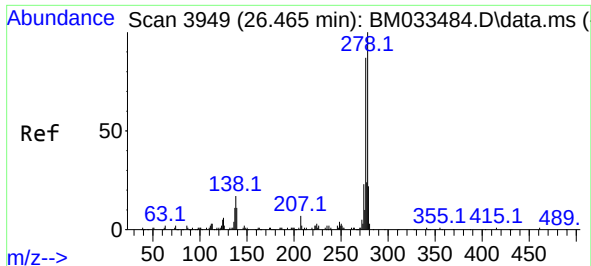
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#90
Benzo(a)pyrene
Concen: 67.956 ng
RT: 23.818 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

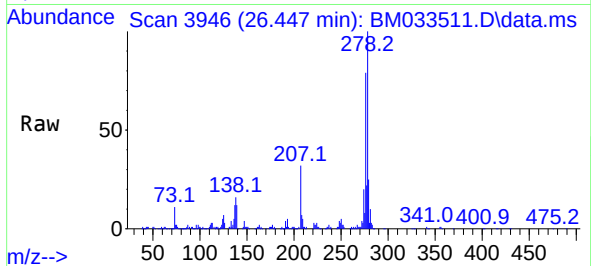
Tgt Ion:252 Resp: 458863
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 7.8 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 73.822 ng
RT: 26.447 min Scan# 3949
Delta R.T. -0.018 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17

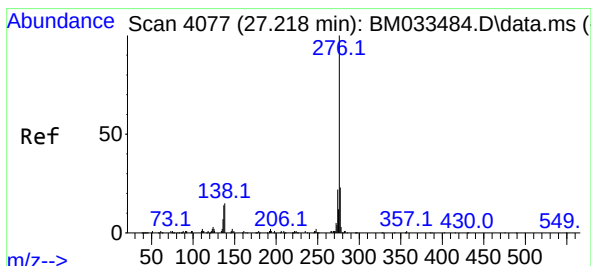
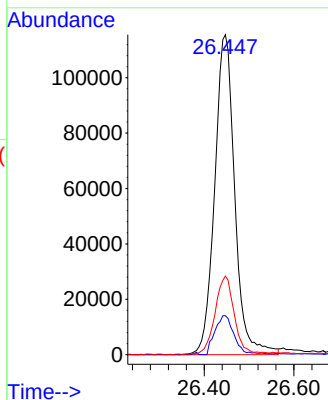
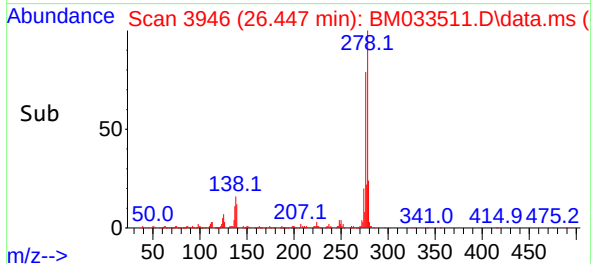
Instrument :
BNA_M
ClientSampleId :
P-2MSD



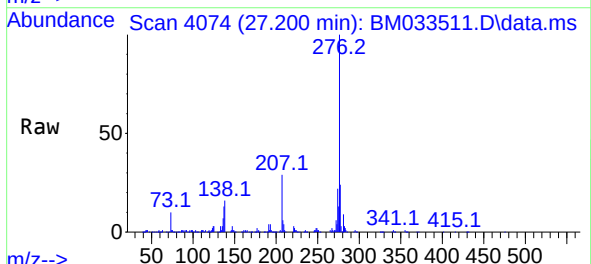
Tgt Ion:278 Resp: 359224
Ion Ratio Lower Upper
278 100
139 12.2 10.9 16.3
279 24.6 17.7 26.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#92
Benzo(g,h,i)perylene
Concen: 67.797 ng
RT: 27.200 min Scan# 4074
Delta R.T. -0.018 min
Lab File: BM033511.D
Acq: 17 Dec 2021 18:17



Tgt Ion:276 Resp: 424237
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 15.6 14.8 22.2

