

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038792.D
 Acq On : 20 Feb 2023 18:19
 Operator : CG/JU
 Sample : 01593-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB01MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2023
 Supervised By : Jagrut Upadhyay 02/21/2023

Quant Time: Feb 21 02:09:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	48681	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	185339	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	106357	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	181693	20.000	ng	# 0.00
76) Chrysene-d12	21.468	240	154544	20.000	ng	0.00
86) Perylene-d12	23.844	264	200787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	392799	158.061	ng	0.00
7) Phenol-d6	7.063	99	457954	161.574	ng	0.00
23) Nitrobenzene-d5	9.057	82	277429	85.023	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	189503	131.087	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	752477	90.072	ng	0.00
79) Terphenyl-d14	19.904	244	827351	94.472	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	43097	39.338	ng	93
3) Pyridine	3.687	79	111024	42.617	ng	94
4) n-Nitrosodimethylamine	3.605	42	51988	44.204	ng	80
6) Aniline	7.210	93	123623	34.966	ng	94
8) 2-Chlorophenol	7.440	128	167191	61.655	ng	95
9) Benzaldehyde	7.016	77	71048	56.873	ng	92
10) Phenol	7.087	94	176593	61.672	ng	88
11) bis(2-Chloroethyl)ether	7.310	93	134255	57.896	ng	94
12) 1,3-Dichlorobenzene	7.763	146	194620	56.173	ng	98
13) 1,4-Dichlorobenzene	7.916	146	199536	57.066	ng	99
14) 1,2-Dichlorobenzene	8.228	146	188978	56.415	ng	98
15) Benzyl Alcohol	8.134	79	116306m	55.751	ng	
16) 2,2'-oxybis(1-Chloropr...	8.410	45	108493	49.394	ng	96
17) 2-Methylphenol	8.340	107	123436	56.201	ng	96
18) Hexachloroethane	8.951	117	70069	62.050	ng	88
19) n-Nitroso-di-n-propyla...	8.698	70	95906	56.136	ng	93
20) 3+4-Methylphenols	8.675	107	166273	56.781	ng	95
22) Acetophenone	8.716	105	221174	50.040	ng	# 96
24) Nitrobenzene	9.104	77	150351	45.397	ng	90
25) Isophorone	9.628	82	268307	46.939	ng	99
26) 2-Nitrophenol	9.810	139	97185	52.734	ng	97
27) 2,4-Dimethylphenol	9.875	122	141736	53.305	ng	96
28) bis(2-Chloroethoxy)met...	10.110	93	169412	48.497	ng	98
29) 2,4-Dichlorophenol	10.351	162	168982	44.732	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	173152	43.090	ng	96
31) Naphthalene	10.745	128	480069	50.476	ng	98
32) Benzoic acid	10.051	122	105913	49.206	ng	94
33) 4-Chloroaniline	10.869	127	32077	7.696	ng	93
34) Hexachlorobutadiene	11.010	225	100858	50.104	ng	96
35) Caprolactam	11.681	113	36956m	45.424	ng	
36) 4-Chloro-3-methylphenol	12.004	107	128802	46.110	ng	98
37) 2-Methylnaphthalene	12.357	142	342625	44.579	ng	98
38) 1-Methylnaphthalene	12.575	142	317509	43.842	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	154759	55.911	ng	99
41) Hexachlorocyclopentadiene	12.692	237	191773	111.650	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	111333	51.198	ng	97

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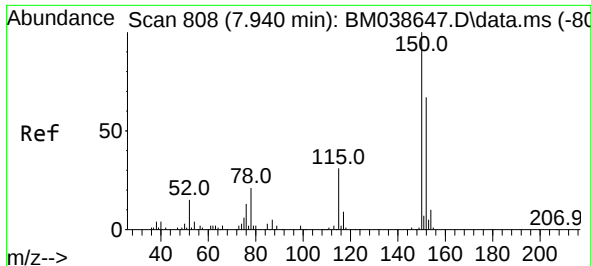
Manual Integrations
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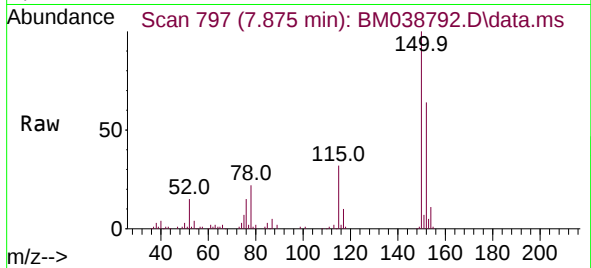
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	117709	45.999	ng	93
46) 1,1'-Biphenyl	13.369	154	457290	54.278	ng	99
47) 2-Chloronaphthalene	13.416	162	357457	53.919	ng	95
48) 2-Nitroaniline	13.633	65	68461	45.859	ng	91
49) Acenaphthylene	14.257	152	540107	51.725	ng	98
50) Dimethylphthalate	14.004	163	422300	48.656	ng	99
51) 2,6-Dinitrotoluene	14.127	165	86687	49.141	ng	92
52) Acenaphthene	14.598	154	316565	50.773	ng	99
53) 3-Nitroaniline	14.463	138	53200	29.466	ng	98
54) 2,4-Dinitrophenol	14.674	184	97202	84.655	ng	# 84
55) Dibenzofuran	14.933	168	502519	46.804	ng	94
56) 4-Nitrophenol	14.780	139	136176	96.251	ng	92
57) 2,4-Dinitrotoluene	14.922	165	115338	44.435	ng	# 92
58) Fluorene	15.586	166	398132	46.865	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	87437	49.094	ng	96
60) Diethylphthalate	15.357	149	422079	51.333	ng	96
61) 4-Chlorophenyl-phenyle...	15.574	204	184436	51.175	ng	99
62) 4-Nitroaniline	15.627	138	83060m	43.986	ng	
63) Azobenzene	15.869	77	329625	52.106	ng	96
65) 4,6-Dinitro-2-methylph...	15.680	198	53334	46.629	ng	89
66) n-Nitrosodiphenylamine	15.798	169	324763	54.742	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	103655	59.084	ng	94
68) Hexachlorobenzene	16.586	284	126631	59.061	ng	97
69) Atrazine	16.751	200	103243	60.043	ng	97
70) Pentachlorophenol	16.939	266	146796	93.921	ng	99
71) Phenanthrene	17.327	178	539035	49.964	ng	99
72) Anthracene	17.415	178	551241	49.946	ng	99
73) Carbazole	17.698	167	489270	47.534	ng	98
74) Di-n-butylphthalate	18.245	149	668657	57.498	ng	99
75) Fluoranthene	19.345	202	542287	47.874	ng	99
77) Benzidine	19.539	184	262450	55.972	ng	99
78) Pyrene	19.704	202	564822	47.470	ng	100
80) Butylbenzylphthalate	20.598	149	276740	46.771	ng	97
81) Benzo(a)anthracene	21.451	228	579574	53.016	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	142633	37.924	ng	96
83) Chrysene	21.503	228	537789	51.058	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	415817	48.235	ng	97
85) Di-n-octyl phthalate	22.280	149	735459	52.512	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	911793	57.653	ng	99
88) Benzo(b)fluoranthene	23.121	252	675305	56.152	ng	99
89) Benzo(k)fluoranthene	23.168	252	677730	55.495	ng	100
90) Benzo(a)pyrene	23.744	252	603997	50.786	ng	99
91) Dibenzo(a,h)anthracene	26.338	278	775027	58.247	ng	98
92) Benzo(g,h,i)perylene	27.097	276	696053	51.751	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

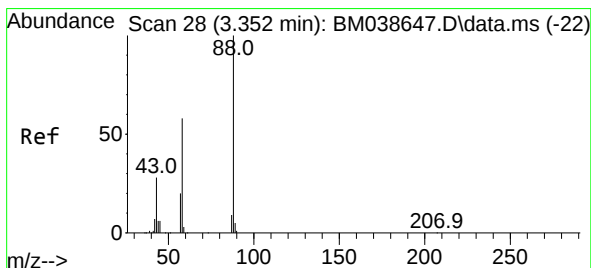
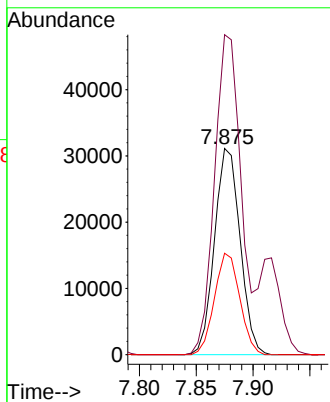
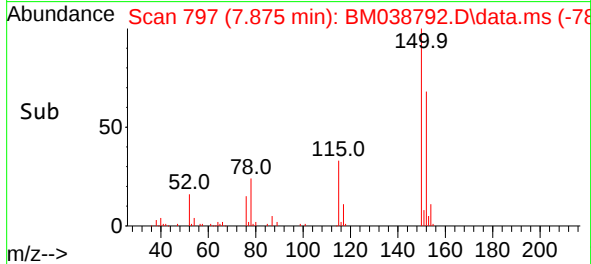
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



Tgt Ion:152 Resp: 4868
Ion Ratio Lower Upper
152 100
150 155.2 119.5 179.3
115 49.2 37.6 56.4

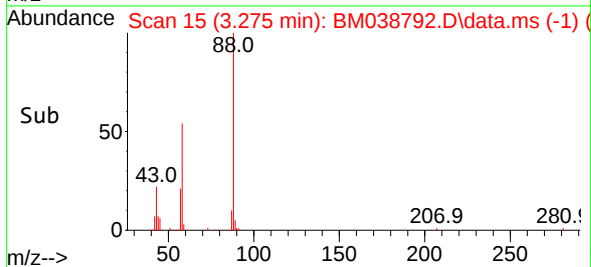
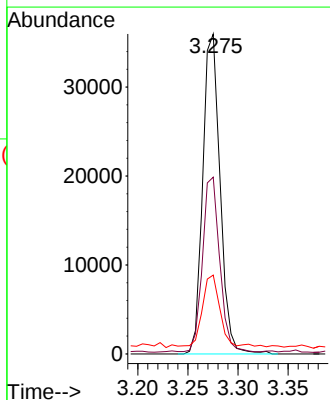
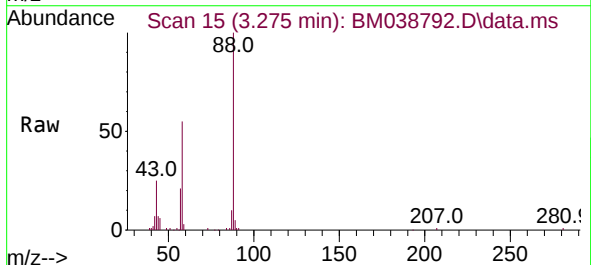
Manual Integrations
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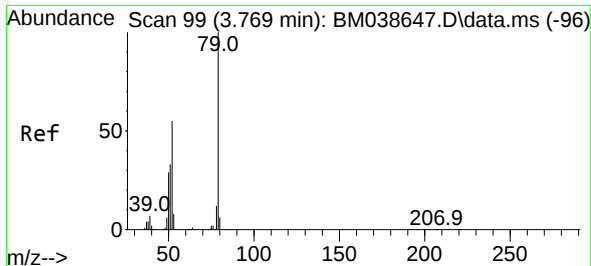
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#2
1,4-Dioxane
Concen: 39.338 ng
RT: 3.275 min Scan# 15
Delta R.T. 0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

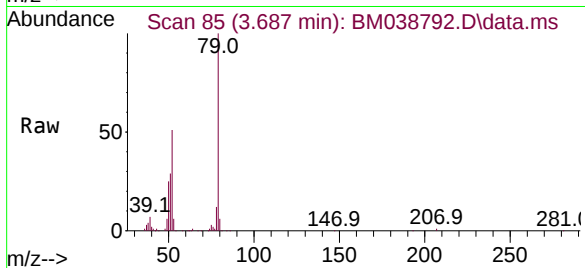
Tgt Ion: 88 Resp: 43097
Ion Ratio Lower Upper
88 100
58 54.0 47.0 70.4
43 23.3 22.6 33.8





#3
Pyridine
Concen: 42.617 ng
RT: 3.687 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

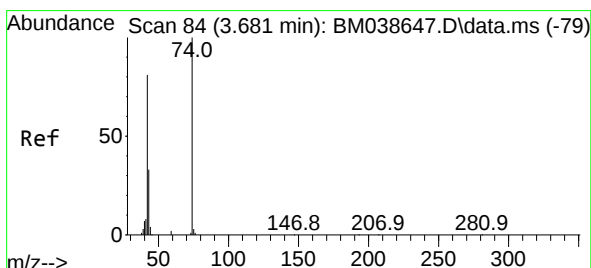
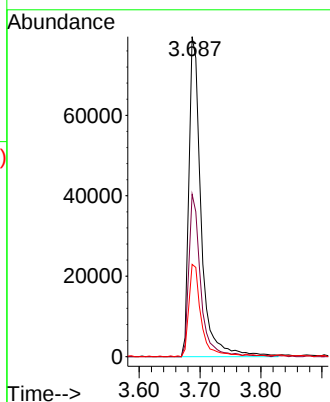
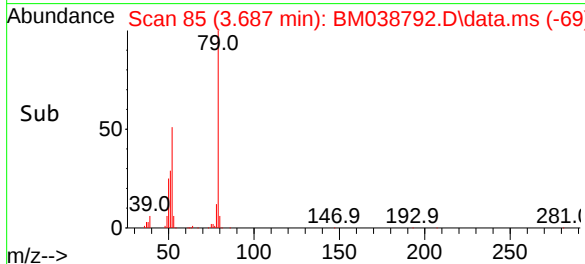
Instrument :
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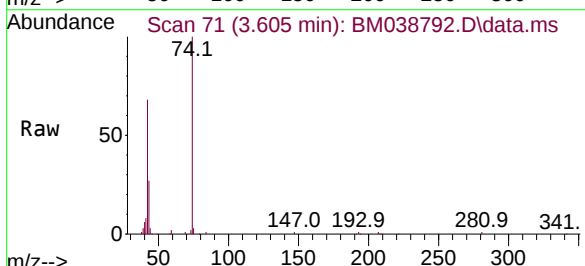
Tgt Ion: 79 Resp: 111024
Ion Ratio Lower Upper
79 100
52 50.7 43.7 65.5
51 28.9 26.6 40.0

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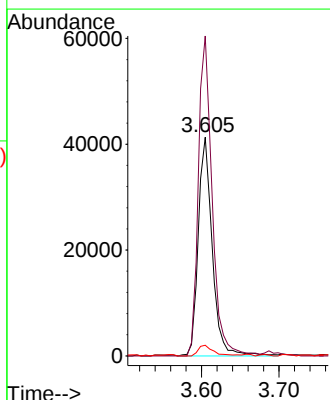
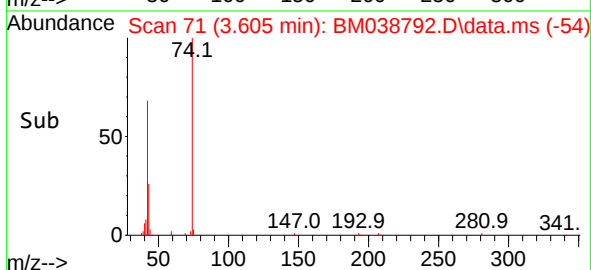
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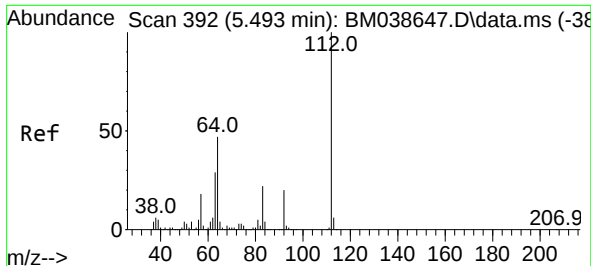


#4
n-Nitrosodimethylamine
Concen: 44.204 ng
RT: 3.605 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



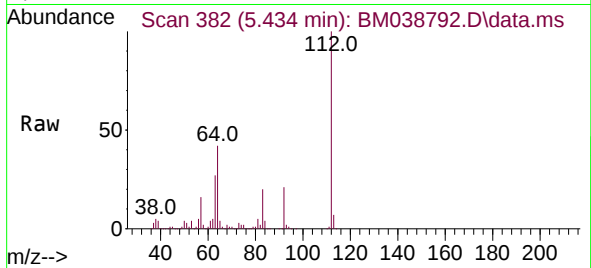
Tgt Ion: 42 Resp: 51988
Ion Ratio Lower Upper
42 100
74 146.4 98.4 147.6
44 4.9 3.5 5.3





#5
2-Fluorophenol
Concen: 158.061 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

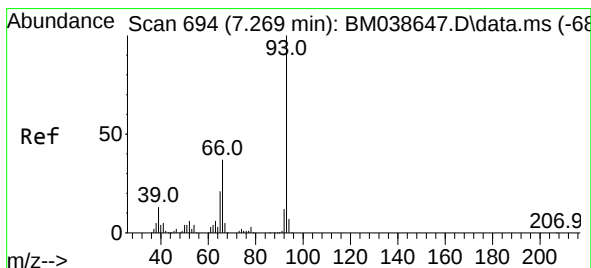
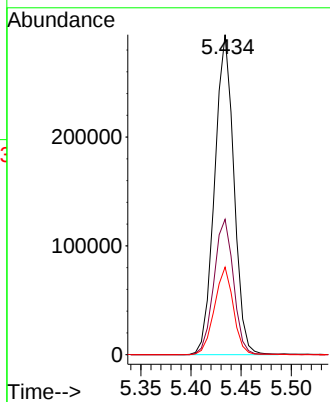
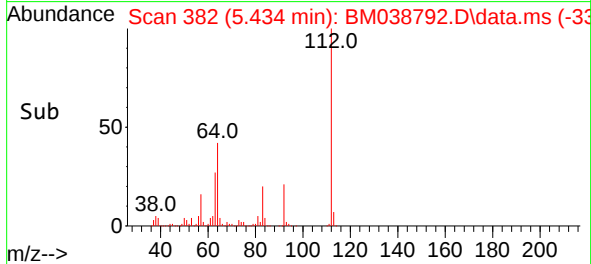
Instrument :
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Tgt Ion: 112 Resp: 392799
Ion Ratio Lower Upper
112 100
64 42.3 37.9 56.9
63 27.3 23.3 34.9

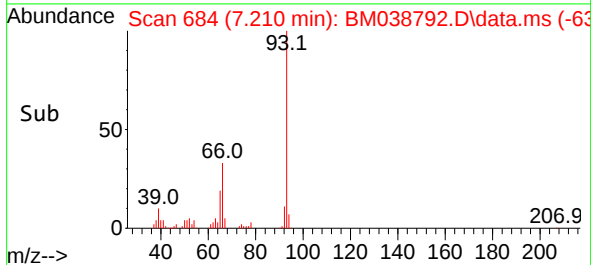
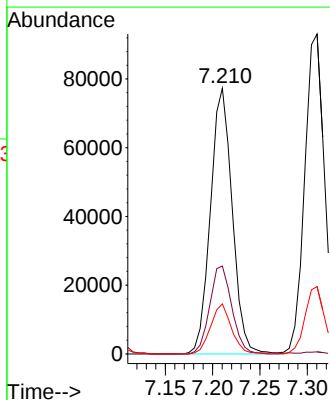
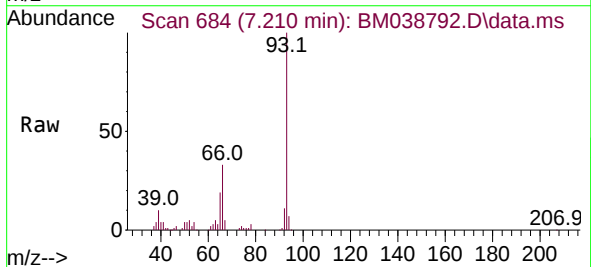
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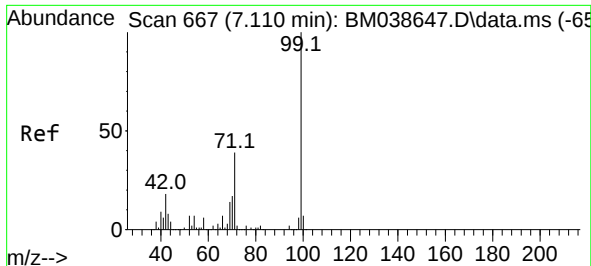
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#6
Aniline
Concen: 34.966 ng
RT: 7.210 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

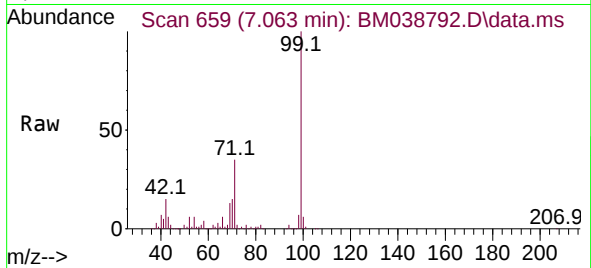
Tgt Ion: 93 Resp: 123623
Ion Ratio Lower Upper
93 100
66 33.1 29.8 44.8
65 18.8 16.9 25.3





#7
Phenol-d6
Concen: 161.574 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

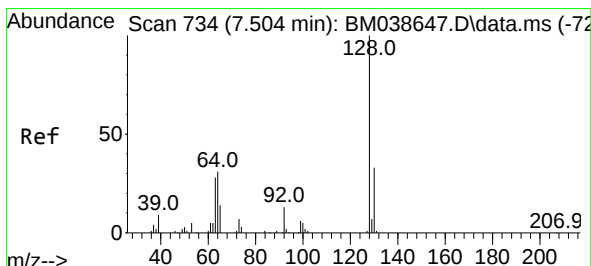
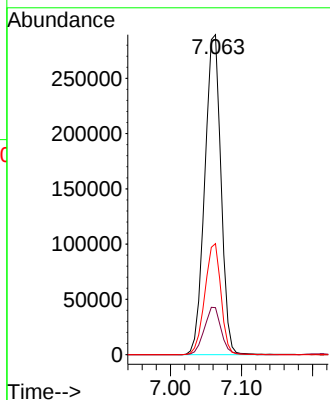
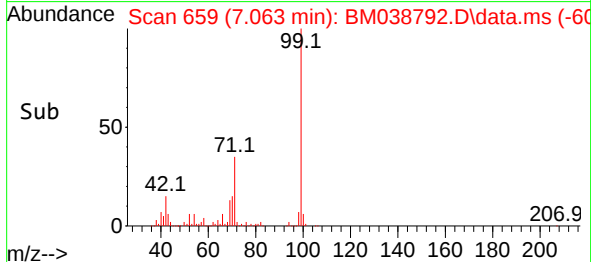
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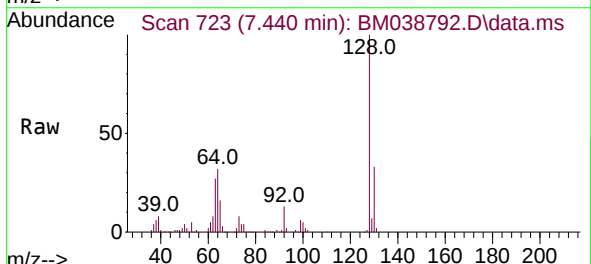
Tgt Ion: 99 Resp: 457954
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 34.7 31.0 46.4

Manual Integrations
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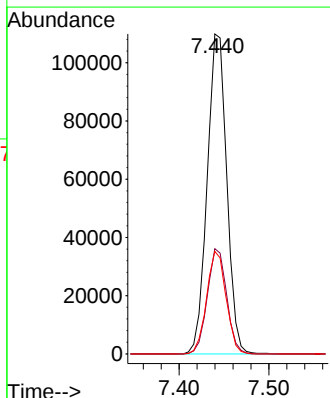
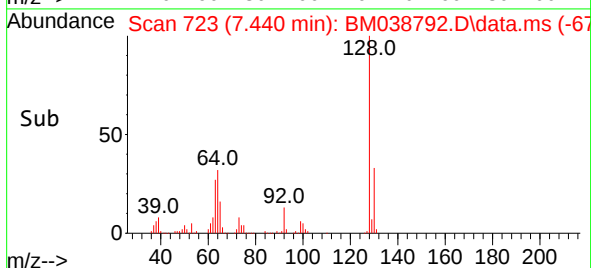
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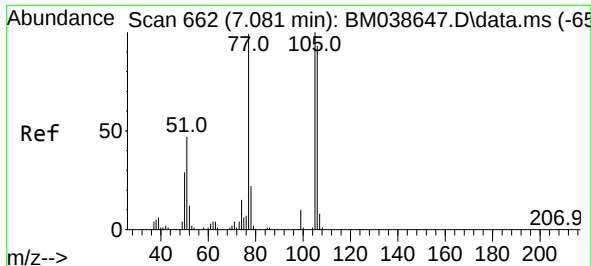


#8
2-Chlorophenol
Concen: 61.655 ng
RT: 7.440 min Scan# 723
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



Tgt Ion:128 Resp: 167191
Ion Ratio Lower Upper
128 100
130 32.9 13.2 53.2
64 32.0 17.3 57.3





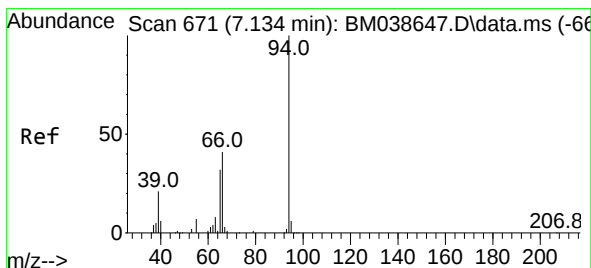
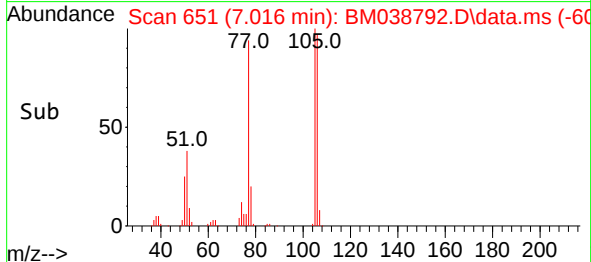
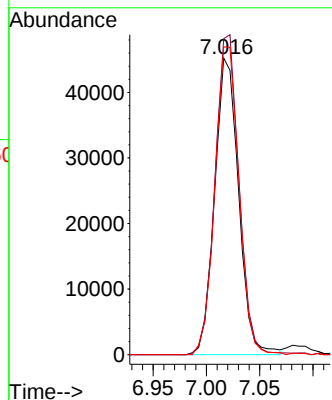
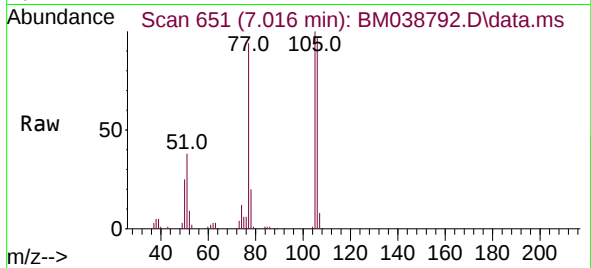
#9
Benzaldehyde
Concen: 56.873 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion: 77 Resp: 71048
Ion Ratio Lower Upper
77 100
105 106.6 80.8 120.8
106 103.9 73.8 113.8

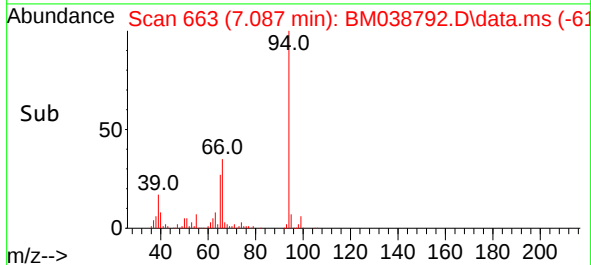
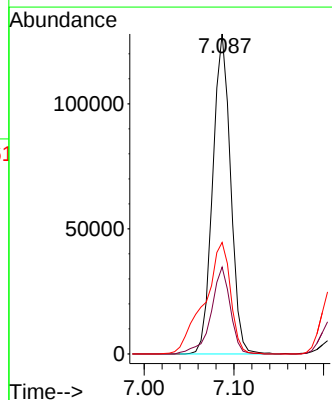
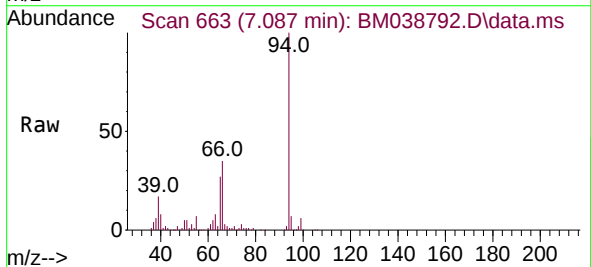
Manual Integrations
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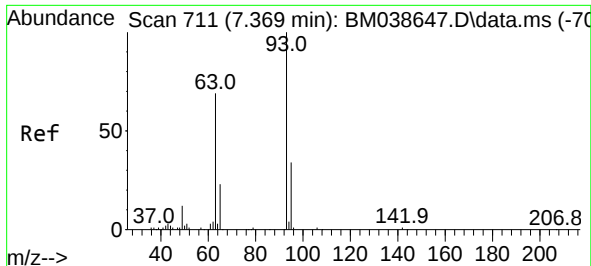
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#10
Phenol
Concen: 61.672 ng
RT: 7.087 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

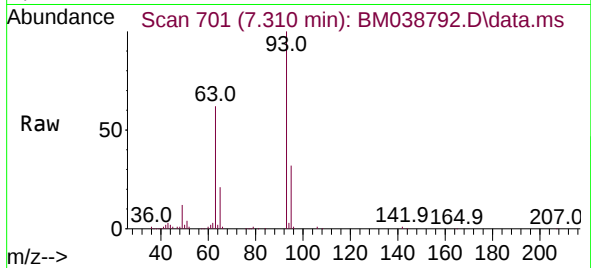
Tgt Ion: 94 Resp: 176593
Ion Ratio Lower Upper
94 100
65 27.1 12.3 52.3
66 34.8 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 57.896 ng
RT: 7.310 min Scan# 701
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

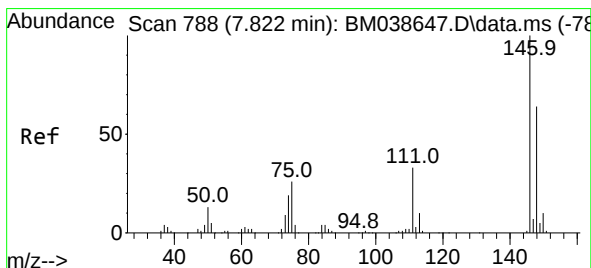
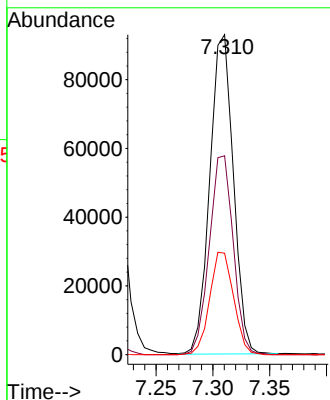
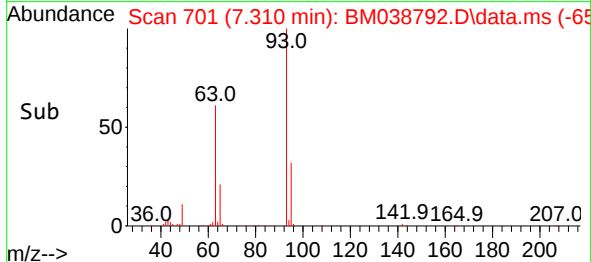
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



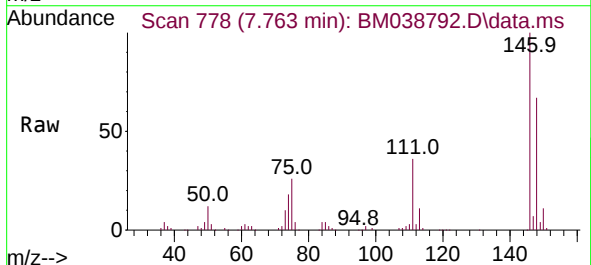
Tgt Ion: 93 Resp: 13425
Ion Ratio Lower Upper
93 100
63 62.2 48.5 88.5
95 31.7 13.8 53.8

Manual Integrations
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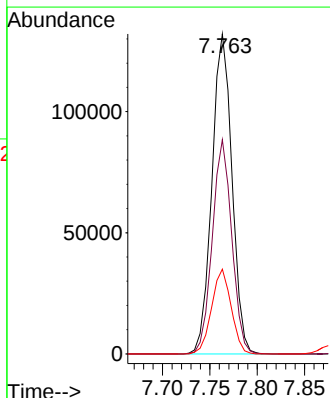
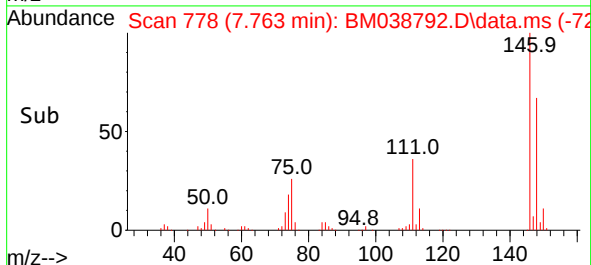
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

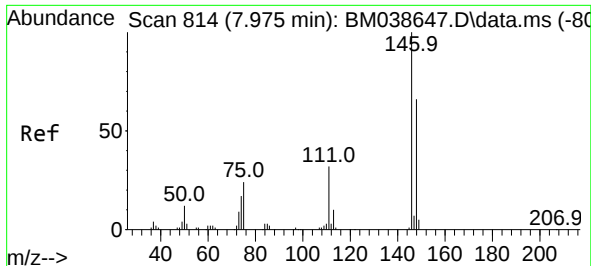


#12
1,3-Dichlorobenzene
Concen: 56.173 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



Tgt Ion:146 Resp: 194620
Ion Ratio Lower Upper
146 100
148 66.9 51.5 77.3
75 26.5 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 57.066 ng

RT: 7.916 min Scan# 804

Delta R.T. 0.000 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

Instrument :

BNA_M

ClientSampleId :

B-26-SB01MSD

Tgt Ion:146 Resp: 199536

Ion Ratio Lower Upper

146 100

148 65.9 53.1 79.7

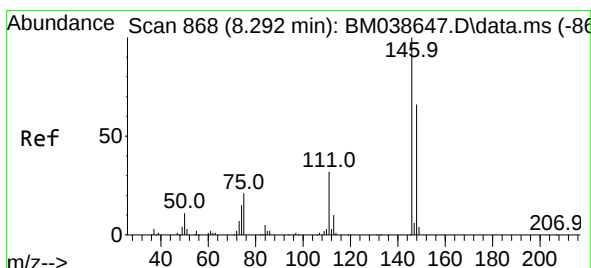
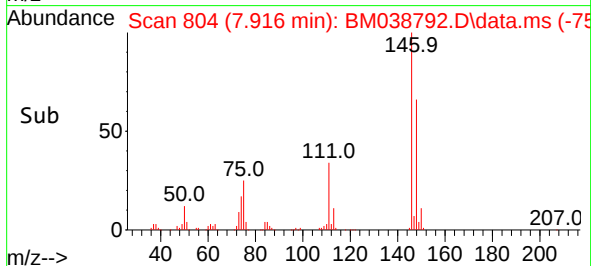
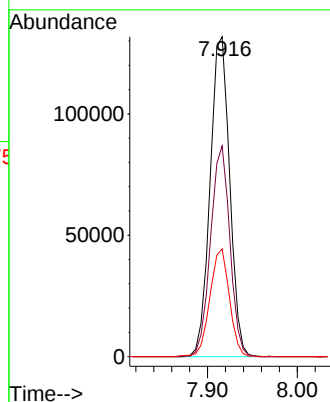
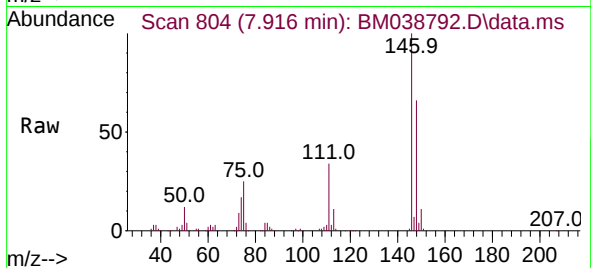
111 33.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2023

Supervised By :Jagrut Upadhyay 02/21/2023



#14

1,2-Dichlorobenzene

Concen: 56.415 ng

RT: 8.228 min Scan# 857

Delta R.T. -0.006 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

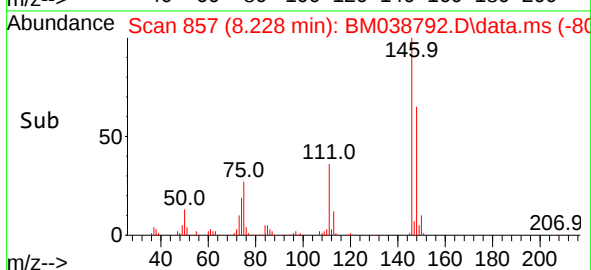
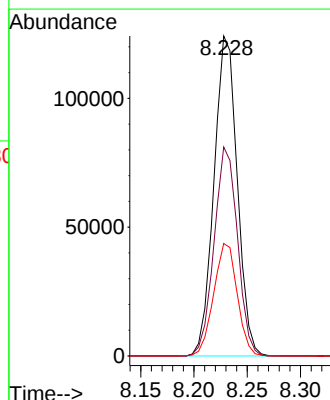
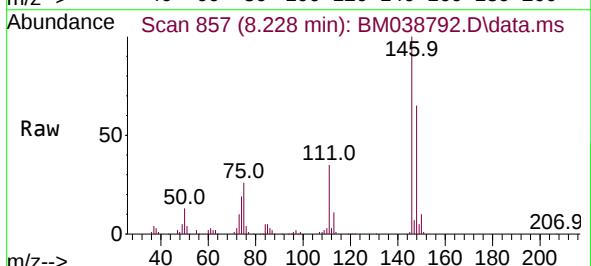
Tgt Ion:146 Resp: 188978

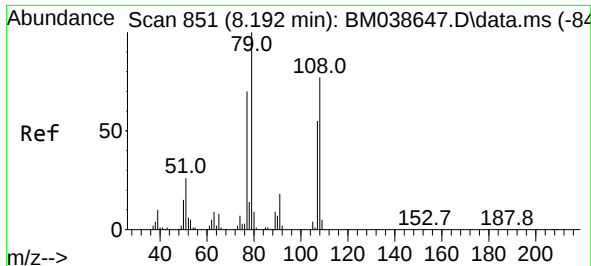
Ion Ratio Lower Upper

146 100

148 65.3 52.9 79.3

111 35.1 26.2 39.2





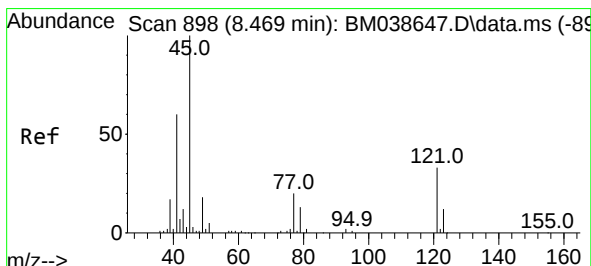
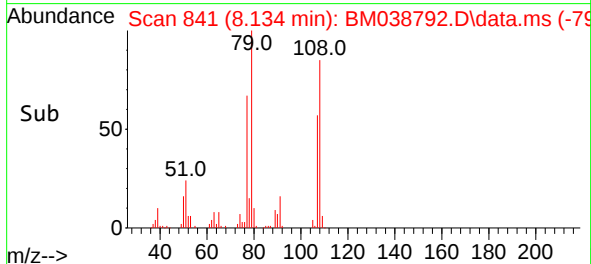
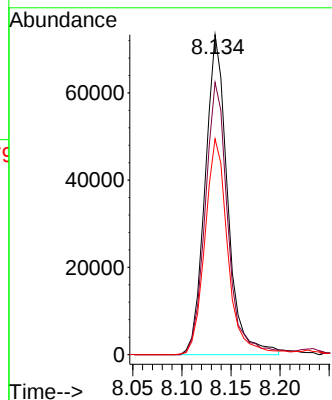
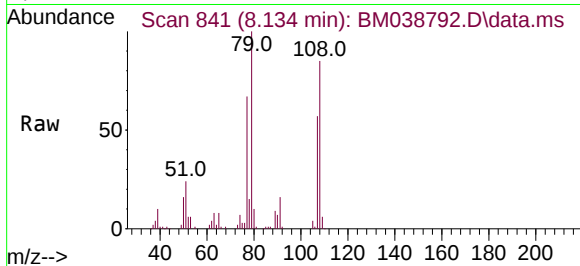
#15
Benzyl Alcohol
Concen: 55.751 ng m
RT: 8.134 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion: 79 Resp: 116306
Ion Ratio Lower Upper
79 100
108 85.1 61.9 92.9
77 67.4 55.8 83.8

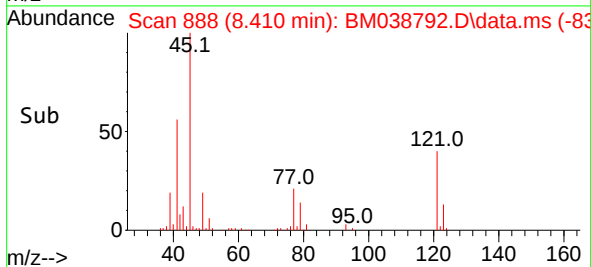
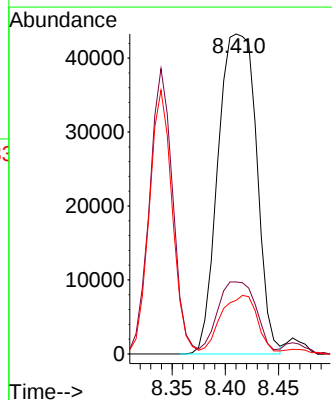
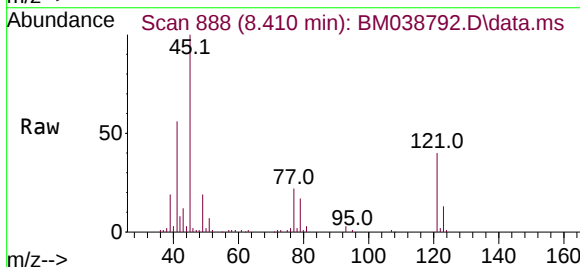
Manual Integrations
APPROVED

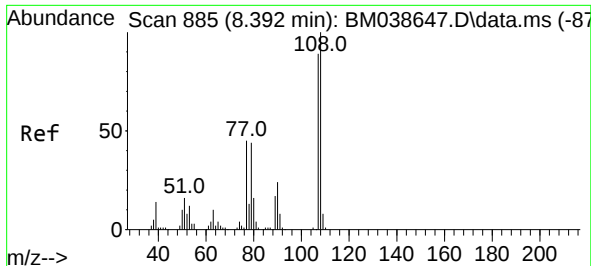
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.394 ng
RT: 8.410 min Scan# 888
Delta R.T. 0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

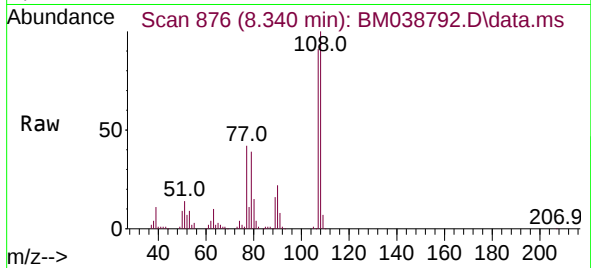
Tgt Ion: 45 Resp: 108493
Ion Ratio Lower Upper
45 100
77 22.5 1.1 41.1
79 16.7 0.0 34.6





#17
2-Methylphenol
Concen: 56.201 ng
RT: 8.340 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

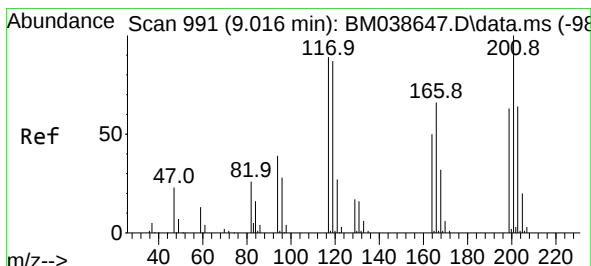
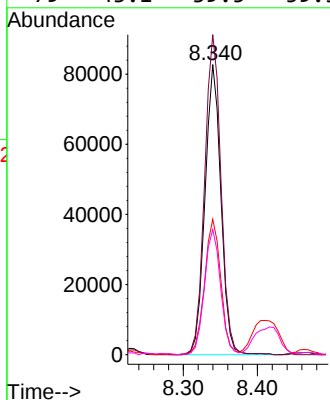
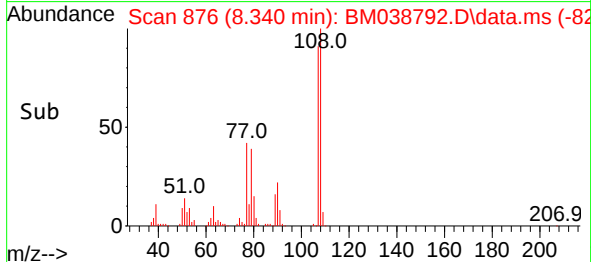
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



Tgt Ion:	107	Resp:	123436
Ion Ratio	Lower	Upper	
107	100		
108	110.3	89.6	134.4
77	46.6	40.7	61.1
79	43.1	39.5	59.3

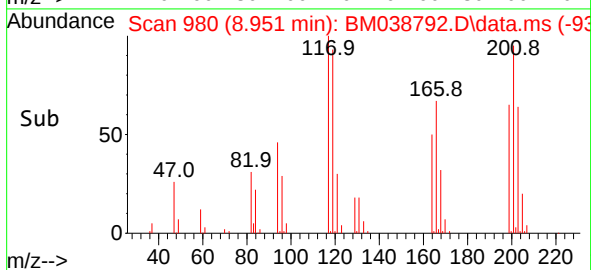
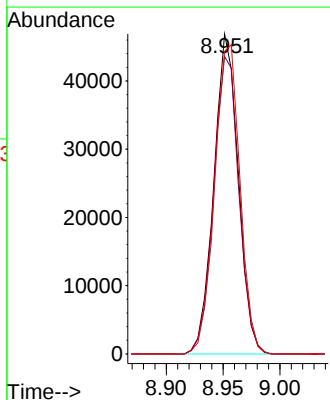
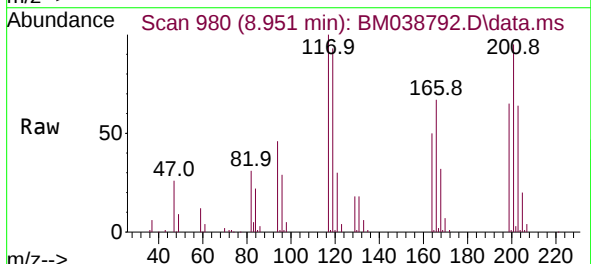
Manual Integrations
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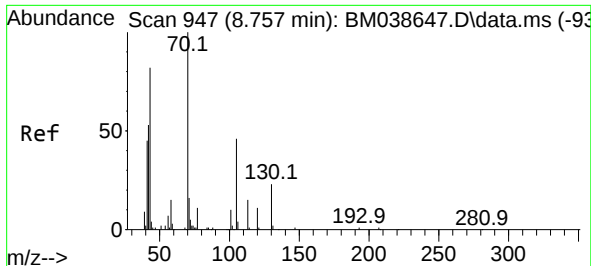
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#18
Hexachloroethane
Concen: 62.050 ng
RT: 8.951 min Scan# 980
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

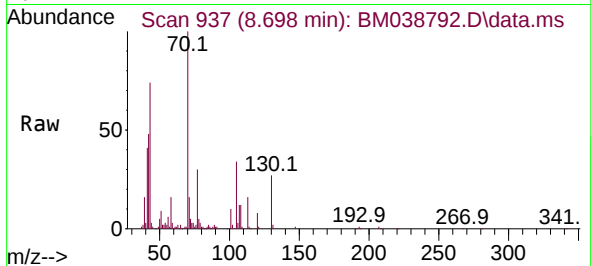
Tgt Ion:	117	Resp:	70069
Ion Ratio	Lower	Upper	
117	100		
119	92.9	78.6	117.8
201	94.6	90.2	135.2





#19
n-Nitroso-di-n-propylamine
Concen: 56.136 ng
RT: 8.698 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

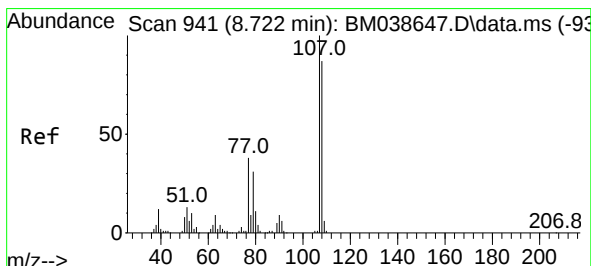
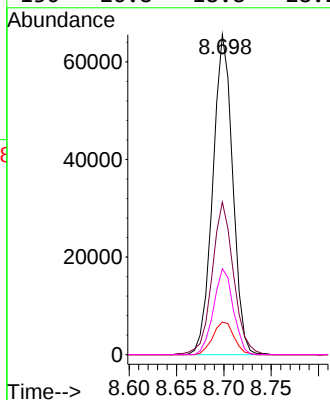
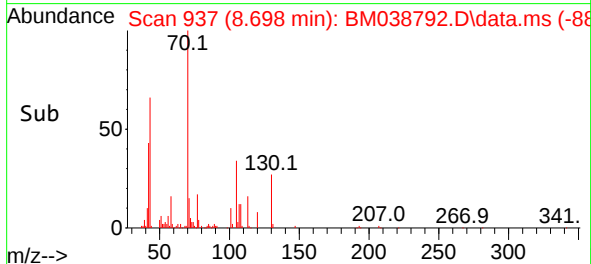
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



Tgt Ion: 70 Resp: 95906
Ion Ratio Lower Upper
70 100
42 47.7 43.4 65.2
101 10.2 8.2 12.2
130 26.8 18.8 28.2

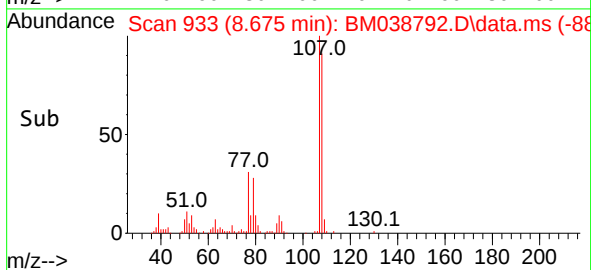
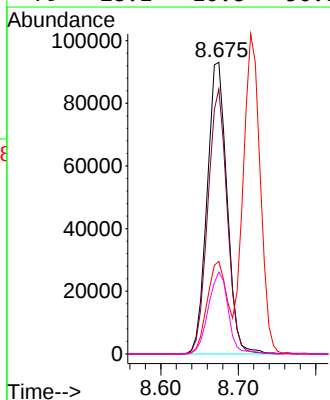
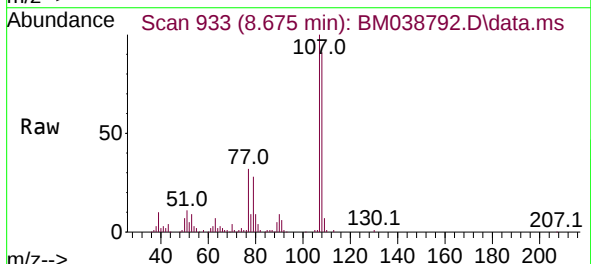
Manual Integrations
APPROVED

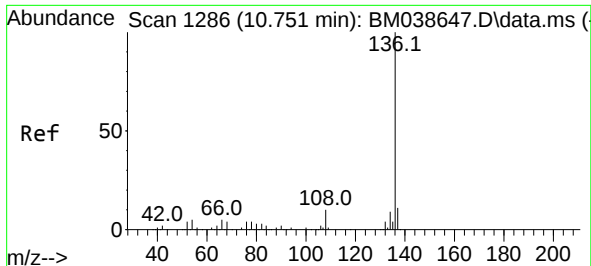
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#20
3+4-Methylphenols
Concen: 56.781 ng
RT: 8.675 min Scan# 933
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

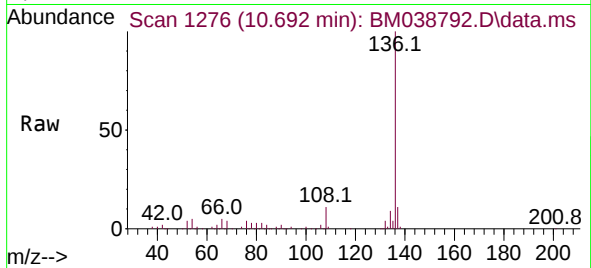
Tgt Ion:107 Resp: 166273
Ion Ratio Lower Upper
107 100
108 90.8 67.2 107.2
77 31.7 17.5 57.5
79 28.1 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

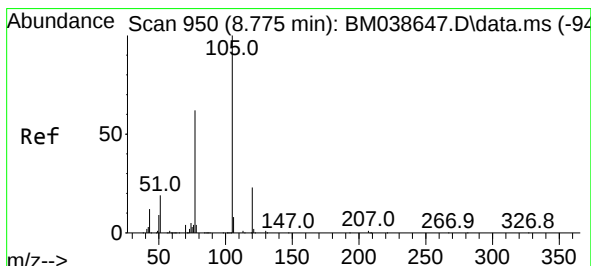
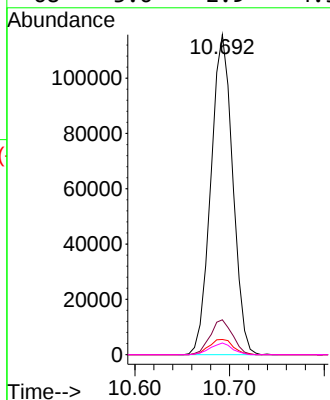
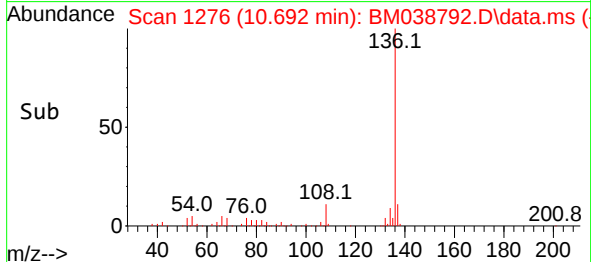
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



Tgt Ion:136 Resp: 185339
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 4.7 4.2 6.4
68 3.6 2.9 4.3

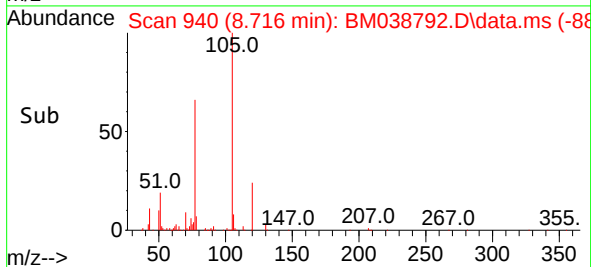
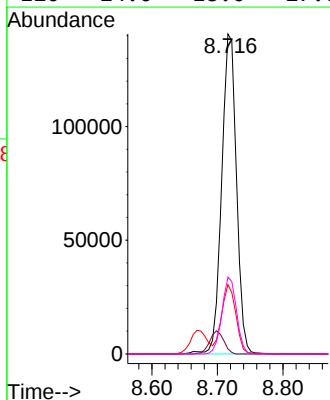
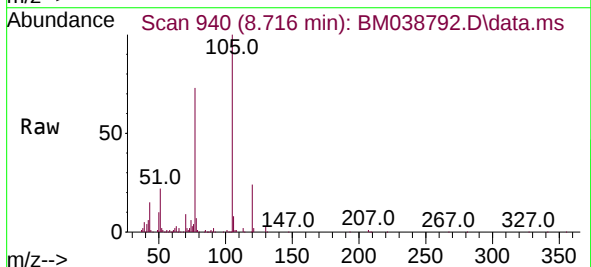
Manual Integrations
APPROVED

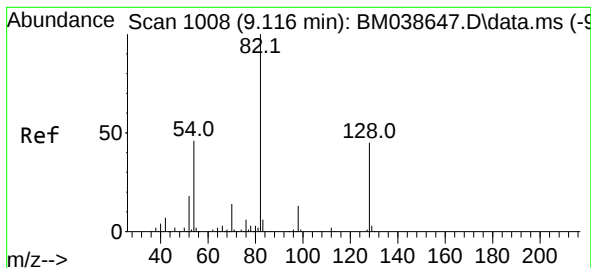
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#22
Acetophenone
Concen: 50.040 ng
RT: 8.716 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Tgt Ion:105 Resp: 221174
Ion Ratio Lower Upper
105 100
71 1.6 0.9 1.3#
51 21.6 19.3 28.9
120 24.0 18.0 27.0





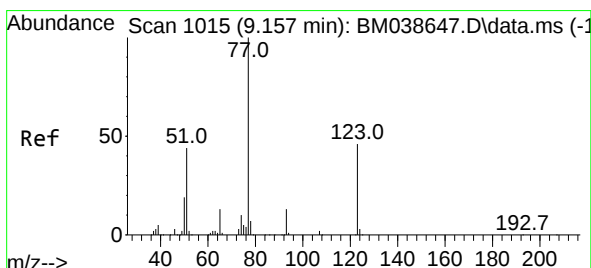
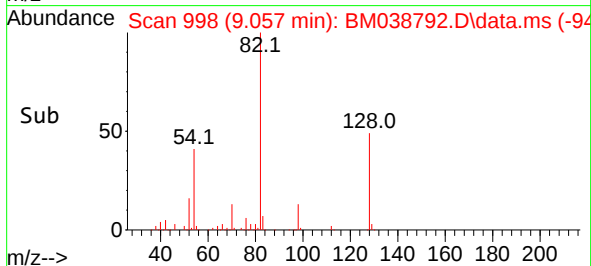
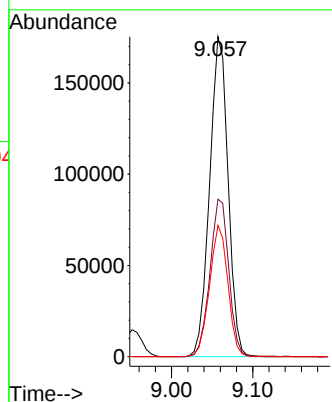
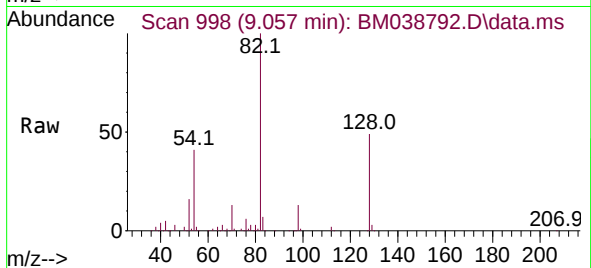
#23
Nitrobenzene-d5
Concen: 85.023 ng
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion: 82 Resp: 277429
Ion Ratio Lower Upper
82 100
128 49.2 36.0 54.0
54 41.0 36.8 55.2

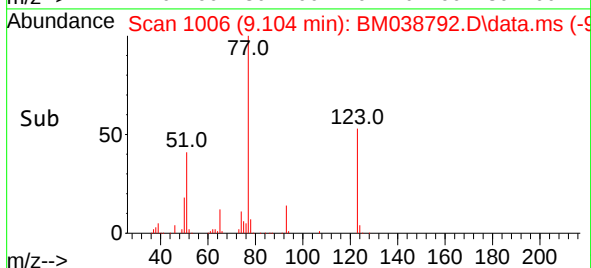
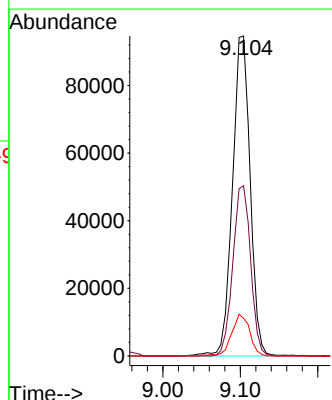
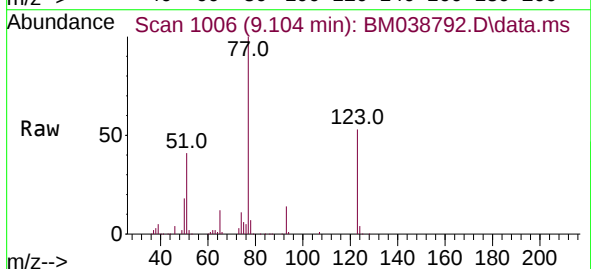
Manual Integrations
APPROVED

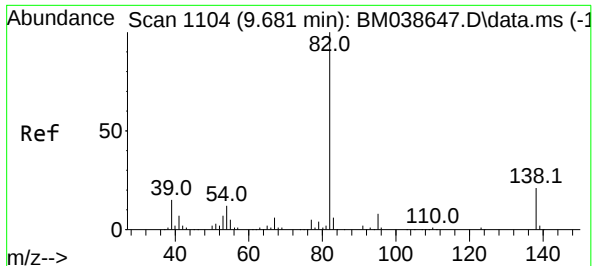
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#24
Nitrobenzene
Concen: 45.397 ng
RT: 9.104 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Tgt Ion: 77 Resp: 150351
Ion Ratio Lower Upper
77 100
123 53.2 36.5 54.7
65 11.8 10.7 16.1





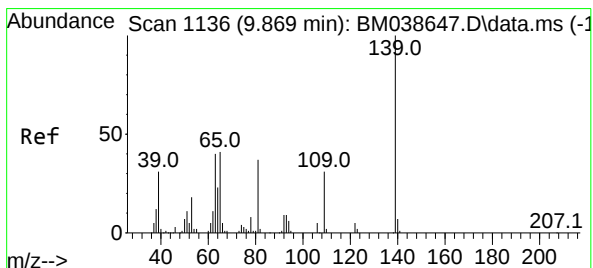
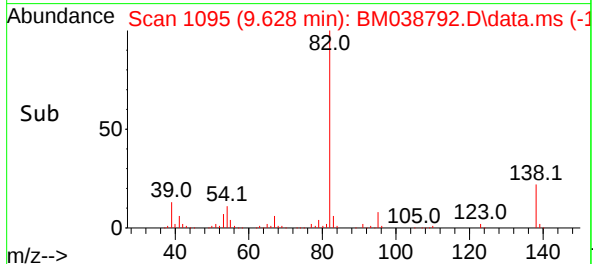
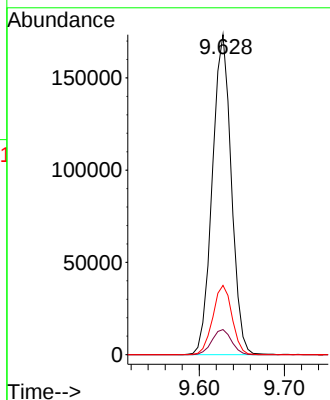
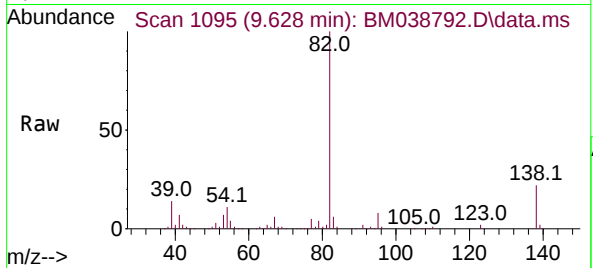
#25
Isophorone
Concen: 46.939 ng
RT: 9.628 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion: 82 Resp: 268307
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 21.6 17.0 25.6

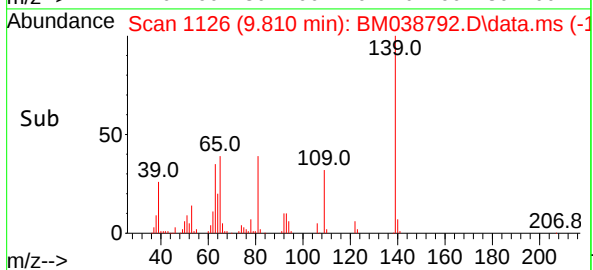
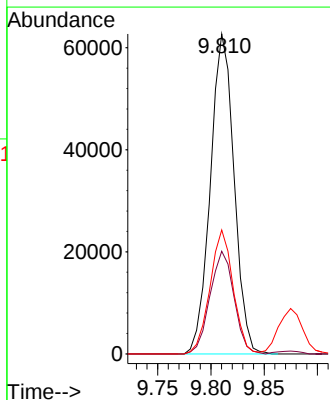
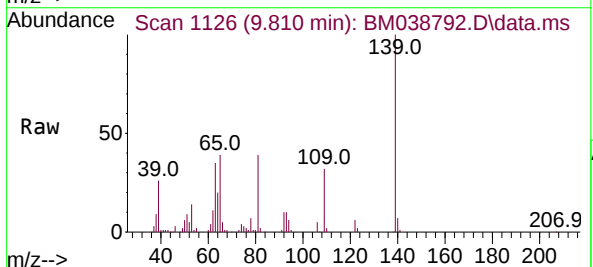
Manual Integrations
APPROVED

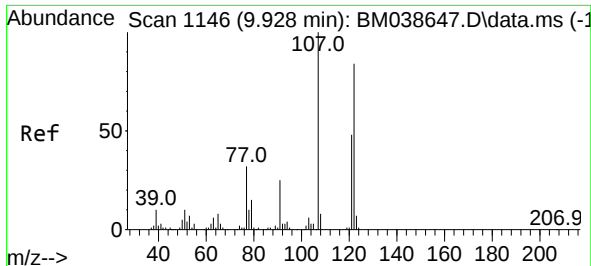
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#26
2-Nitrophenol
Concen: 52.734 ng
RT: 9.810 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Tgt Ion:139 Resp: 97185
Ion Ratio Lower Upper
139 100
109 32.1 24.5 36.7
65 38.7 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 53.305 ng

RT: 9.875 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BM038792.D

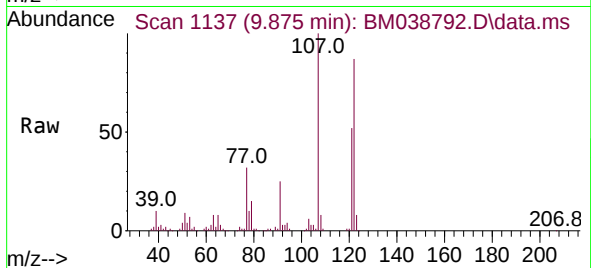
Acq: 20 Feb 2023 18:19

Instrument :

BNA_M

ClientSampleId :

B-26-SB01MSD

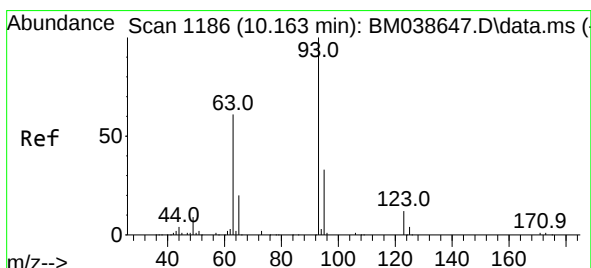
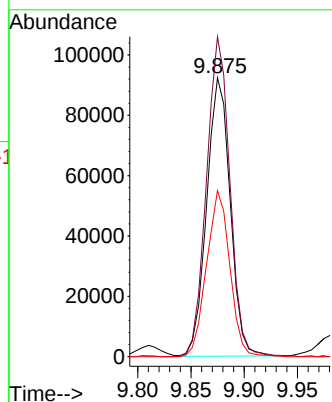
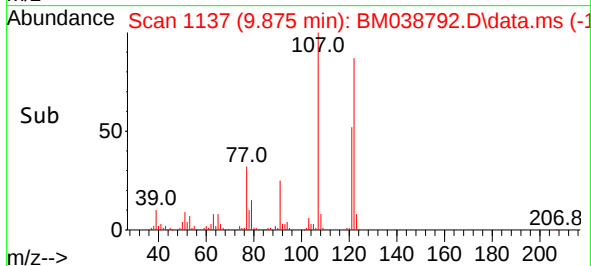


Tgt Ion:	122	Resp:	141736
Ion Ratio	Lower	Upper	
122	100		
107	114.7	94.9	142.3
121	59.6	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.497 ng

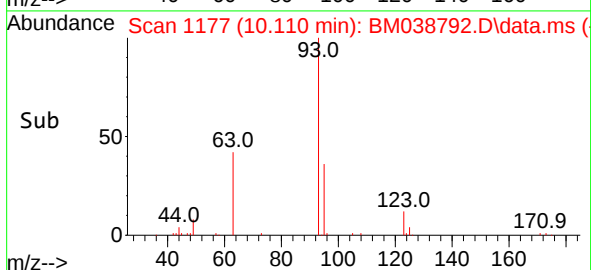
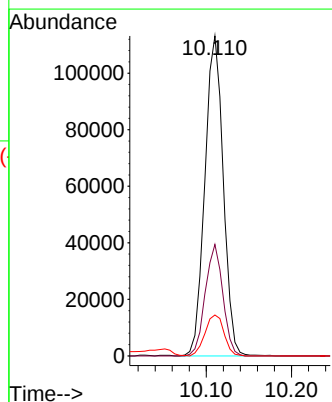
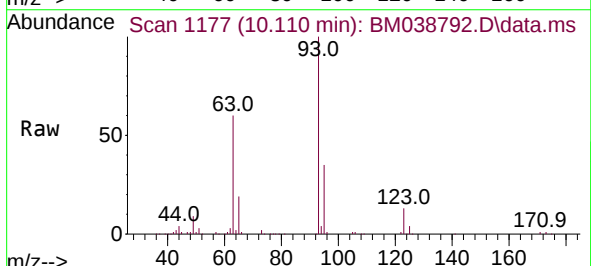
RT: 10.110 min Scan# 1177

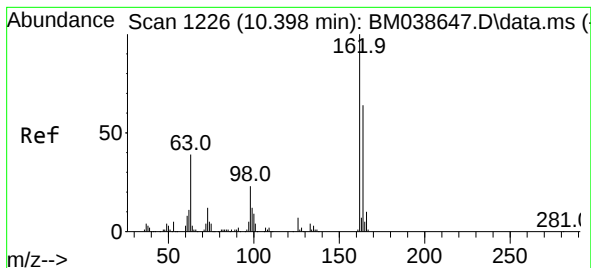
Delta R.T. 0.000 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

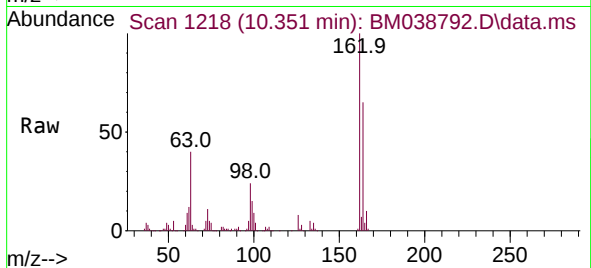
Tgt Ion:	93	Resp:	169412
Ion Ratio	Lower	Upper	
93	100		
95	34.8	26.6	40.0
123	12.8	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 44.732 ng
RT: 10.351 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

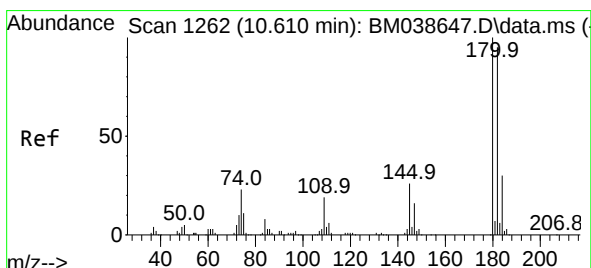
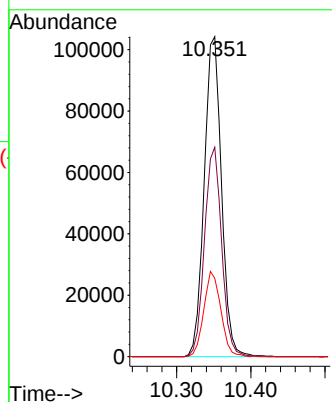
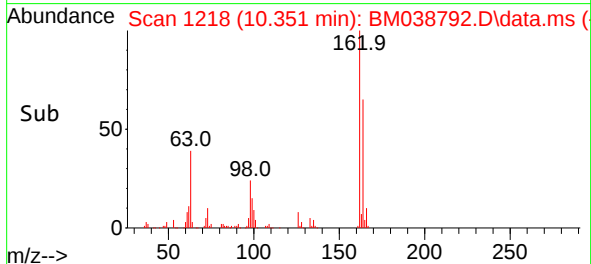
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



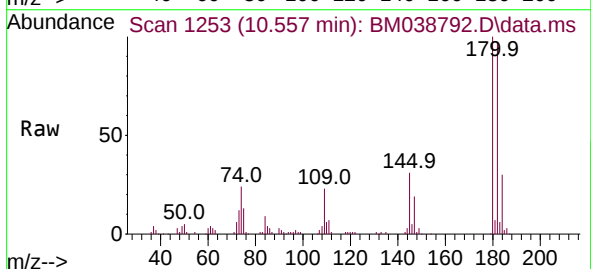
Tgt Ion:162 Resp: 168982
Ion Ratio Lower Upper
162 100
164 65.4 44.3 84.3
98 24.5 3.1 43.1

Manual Integrations
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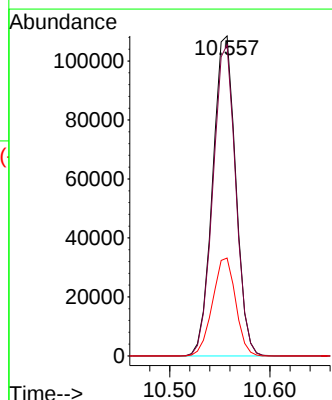
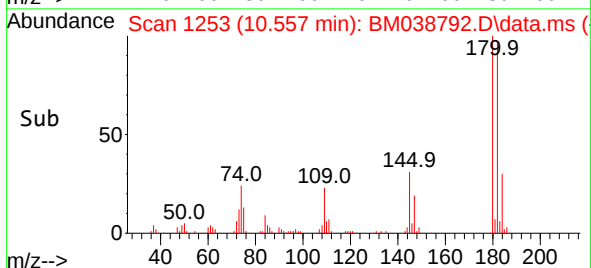
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

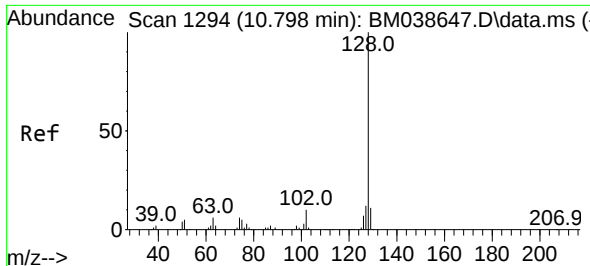


#30
1,2,4-Trichlorobenzene
Concen: 43.090 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



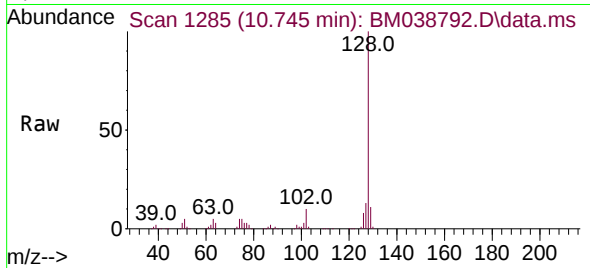
Tgt Ion:180 Resp: 173152
Ion Ratio Lower Upper
180 100
182 97.2 76.2 114.2
145 30.6 20.8 31.2





#31
Naphthalene
Concen: 50.476 ng
RT: 10.745 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

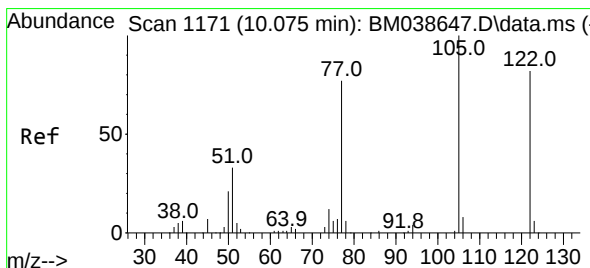
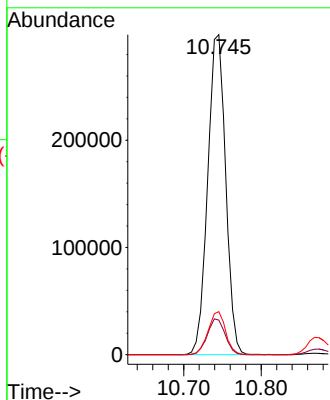
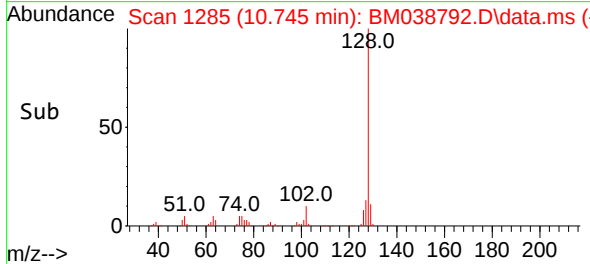
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



Tgt Ion:128 Resp: 480069
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.4 9.9 14.9

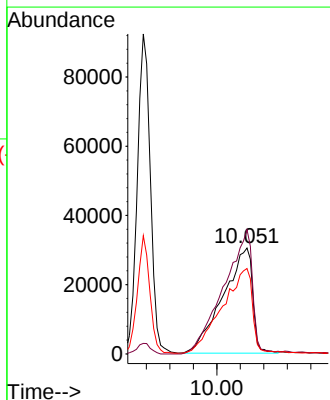
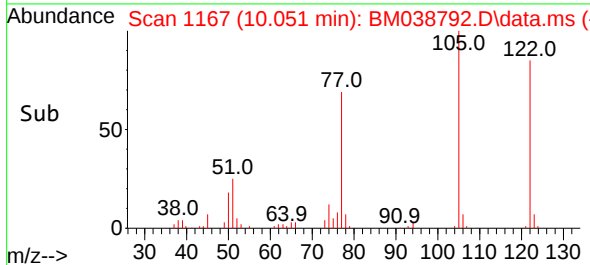
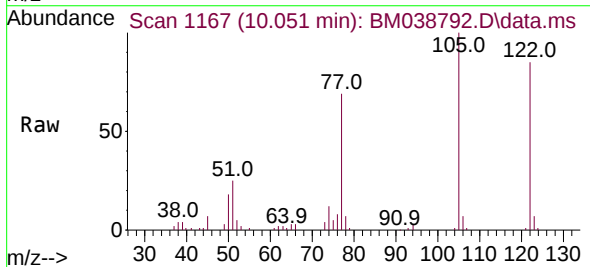
Manual Integrations
APPROVED

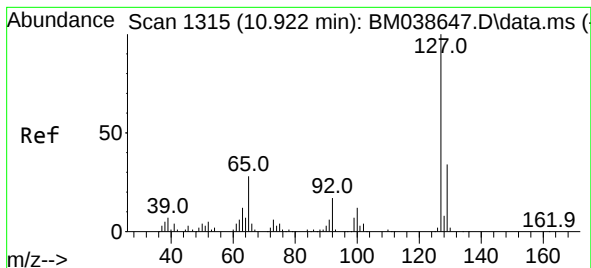
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#32
Benzoic acid
Concen: 49.206 ng
RT: 10.051 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Tgt Ion:122 Resp: 105913
Ion Ratio Lower Upper
122 100
105 117.4 99.2 139.2
77 80.7 72.3 112.3





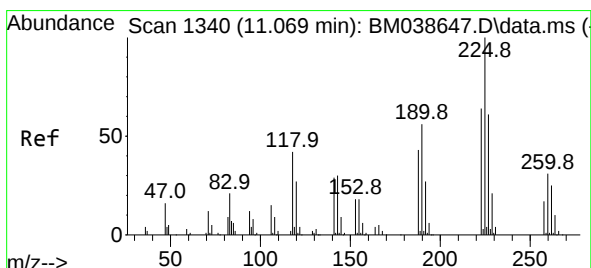
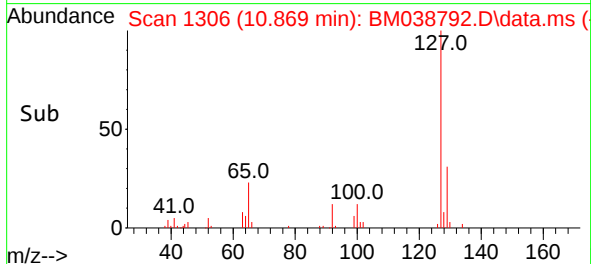
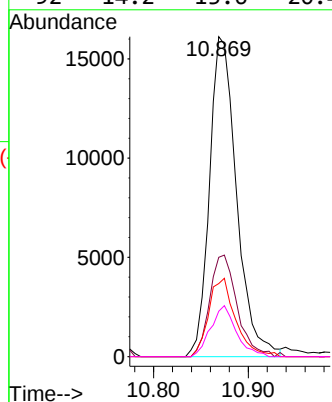
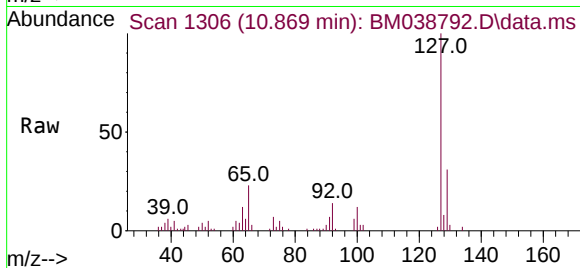
#33
4-Chloroaniline
Concen: 7.696 ng
RT: 10.869 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion:	127	Resp:	3207
Ion Ratio	Lower	Upper	
127	100		
129	31.0	27.1	40.7
65	22.8	22.2	33.4
92	14.2	13.6	20.4

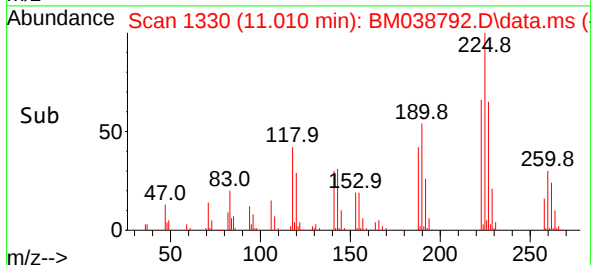
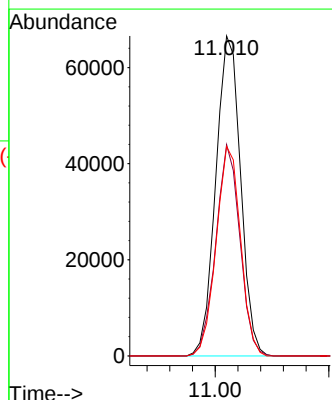
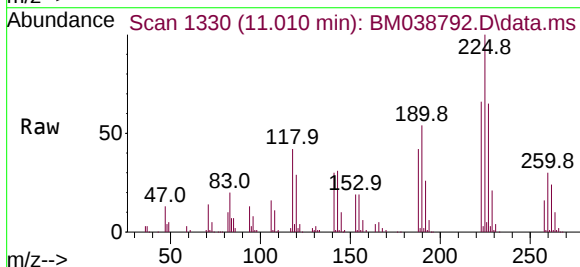
Manual Integrations
APPROVED

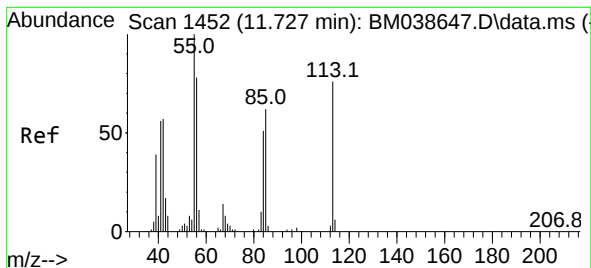
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#34
Hexachlorobutadiene
Concen: 50.104 ng
RT: 11.010 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

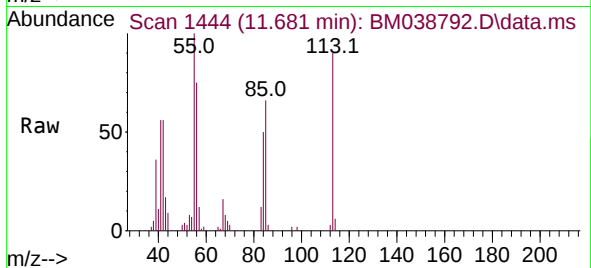
Tgt Ion:	225	Resp:	100858
Ion Ratio	Lower	Upper	
225	100		
223	66.0	51.0	76.4
227	65.4	49.2	73.8





#35
 Caprolactam
 Concen: 45.424 ng m
 RT: 11.681 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: BM038792.D
 Acq: 20 Feb 2023 18:19

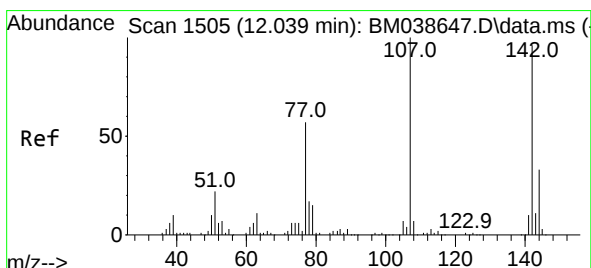
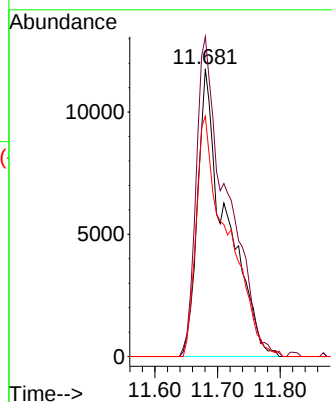
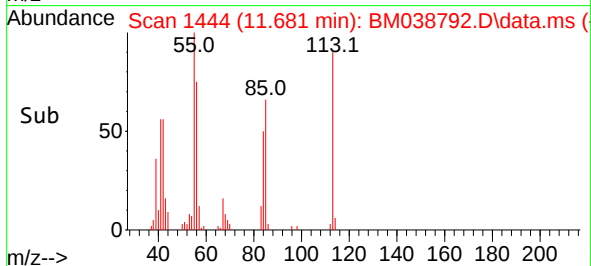
Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB01MSD



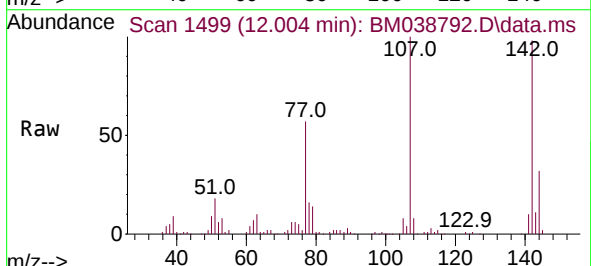
Tgt Ion:113 Resp: 36956
 Ion Ratio Lower Upper
 113 100
 55 111.2 111.2 151.2
 56 83.6 82.0 122.0

Manual Integrations
 APPROVED

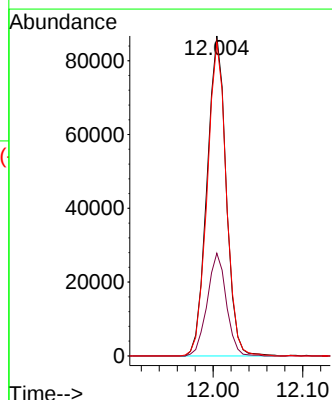
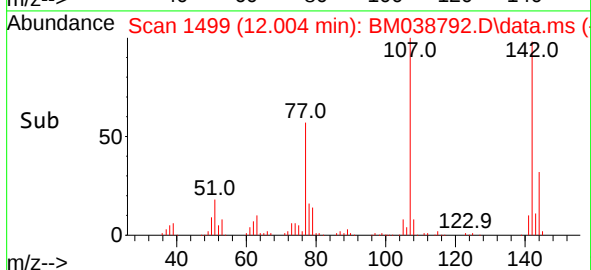
Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023

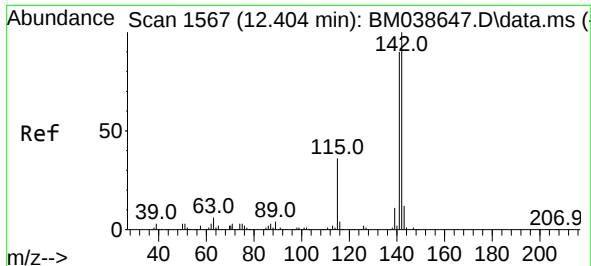


#36
 4-Chloro-3-methylphenol
 Concen: 46.110 ng
 RT: 12.004 min Scan# 1499
 Delta R.T. 0.000 min
 Lab File: BM038792.D
 Acq: 20 Feb 2023 18:19



Tgt Ion:107 Resp: 128802
 Ion Ratio Lower Upper
 107 100
 144 32.1 26.5 39.7
 142 98.0 77.0 115.6





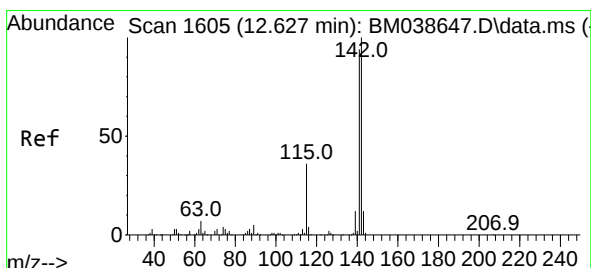
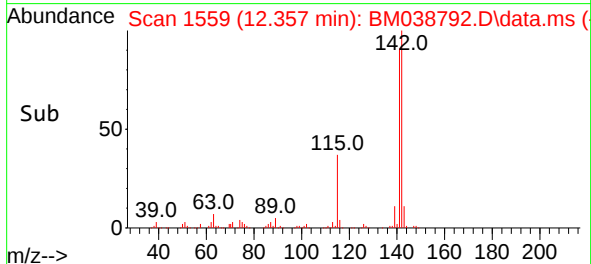
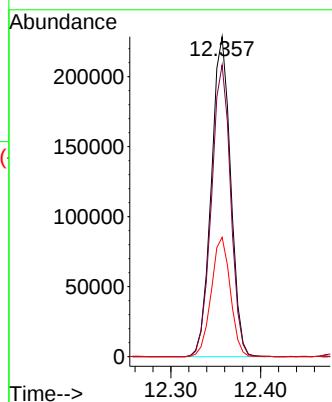
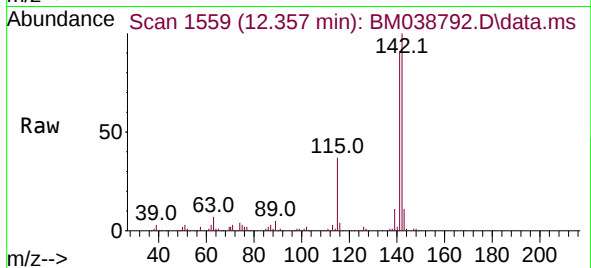
#37
2-Methylnaphthalene
Concen: 44.579 ng
RT: 12.357 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion:142 Resp: 342625
Ion Ratio Lower Upper
142 100
141 91.2 71.8 107.8
115 37.3 28.7 43.1

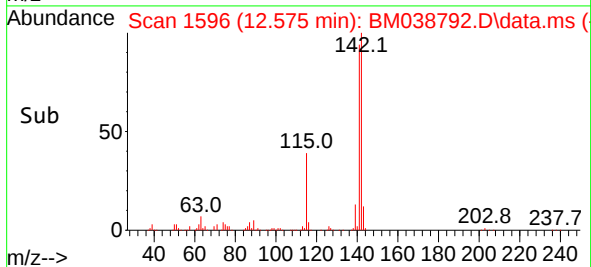
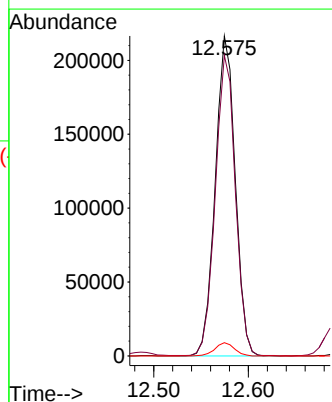
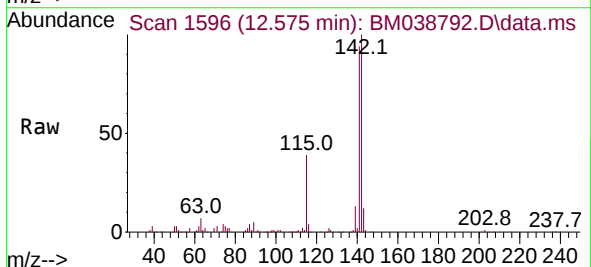
Manual Integrations
APPROVED

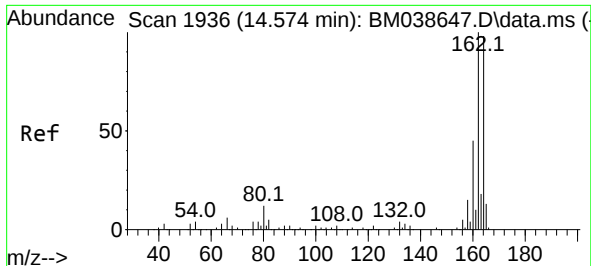
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#38
1-Methylnaphthalene
Concen: 43.842 ng
RT: 12.575 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

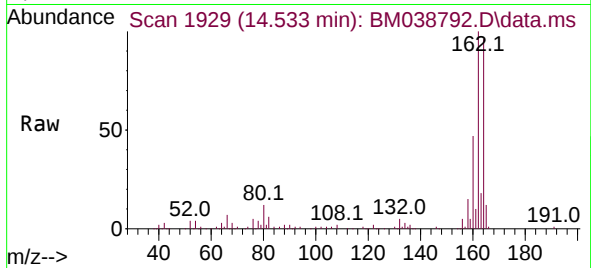
Tgt Ion:142 Resp: 317509
Ion Ratio Lower Upper
142 100
141 93.9 75.5 113.3
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

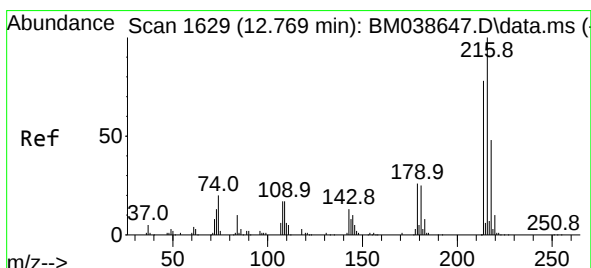
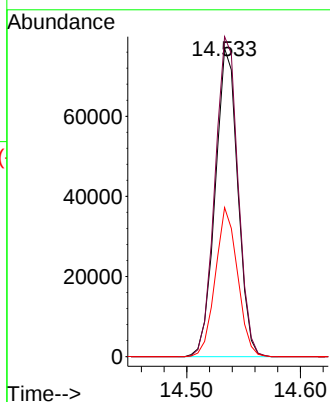
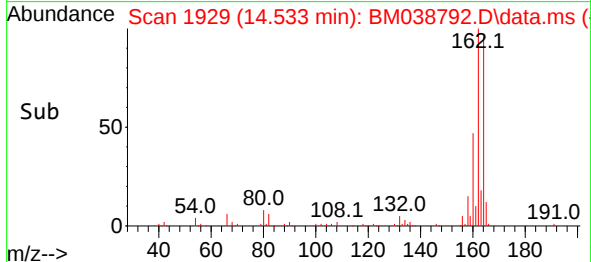
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



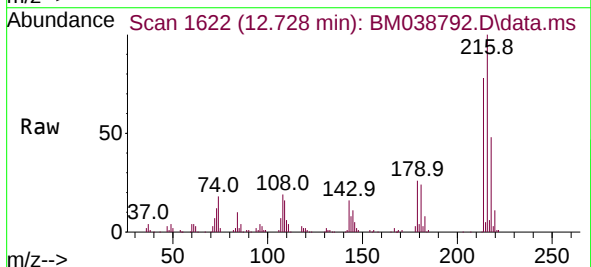
Tgt Ion:164 Resp: 106352
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 48.3 36.5 54.7

Manual Integrations
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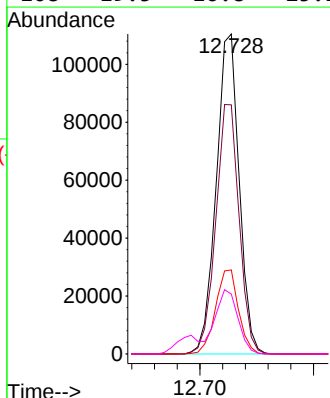
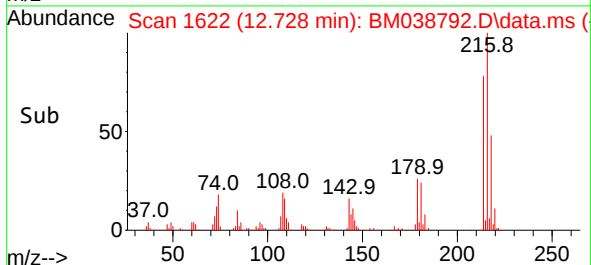
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

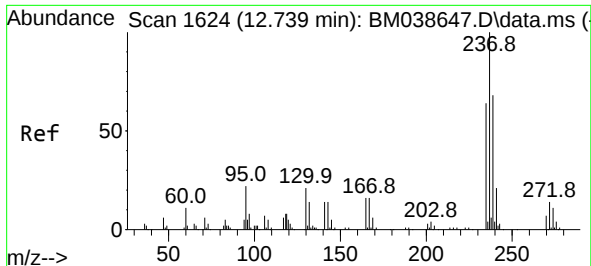


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.911 ng
RT: 12.728 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



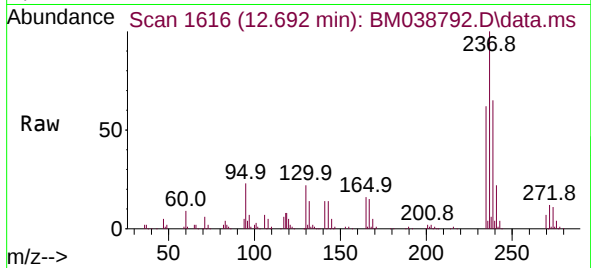
Tgt Ion:216 Resp: 154759
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 26.3 21.0 31.4
108 19.5 16.8 25.2





#41
Hexachlorocyclopentadiene
Concen: 111.650 ng
RT: 12.692 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

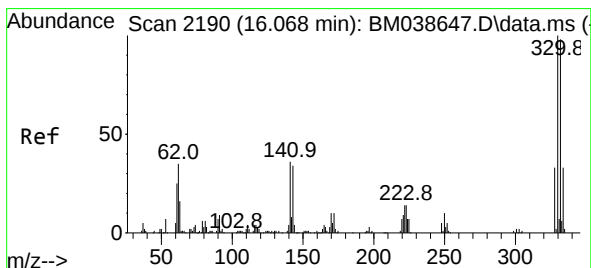
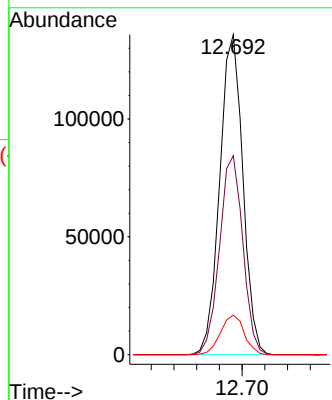
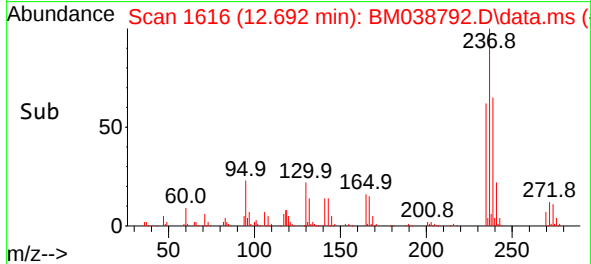
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



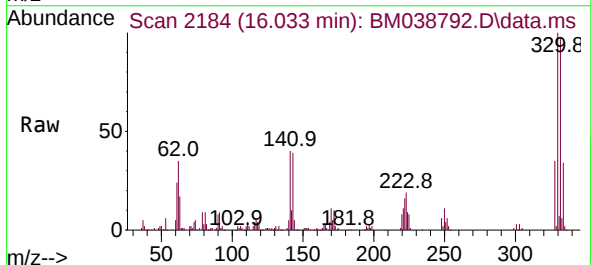
Tgt Ion:237 Resp: 191773
Ion Ratio Lower Upper
237 100
235 62.2 43.8 83.8
272 12.3 0.0 33.8

Manual Integrations
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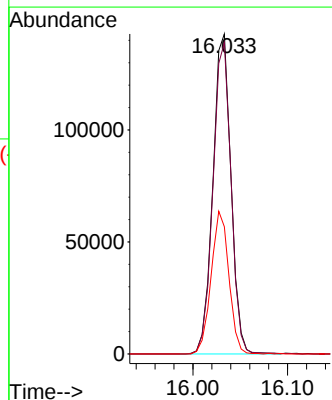
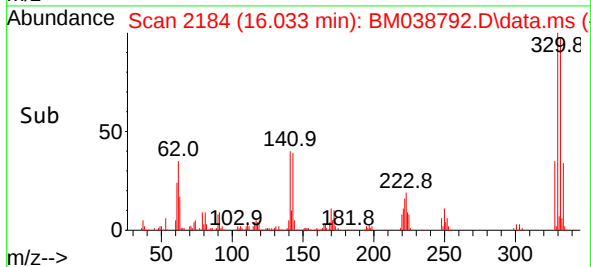
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

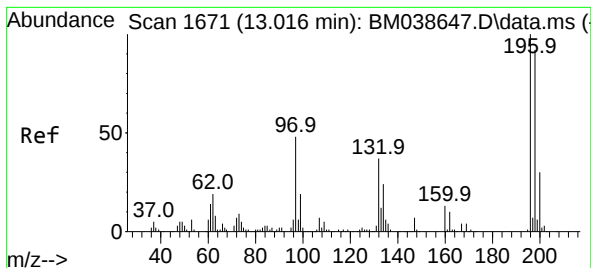


#42
2,4,6-Tribromophenol
Concen: 131.087 ng
RT: 16.033 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



Tgt Ion:330 Resp: 189503
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.6
141 43.8 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 51.198 ng

RT: 12.975 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

Instrument :

BNA_M

ClientSampleId :

B-26-SB01MSD

Tgt Ion:196 Resp: 11133

Ion Ratio Lower Upper

196 100

198 95.6 73.7 110.5

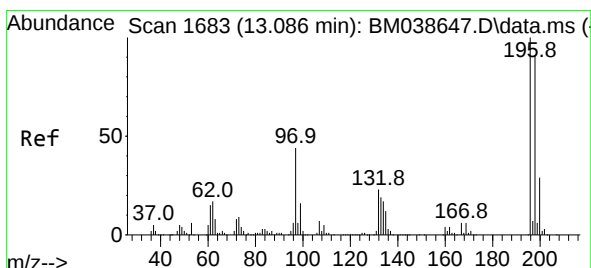
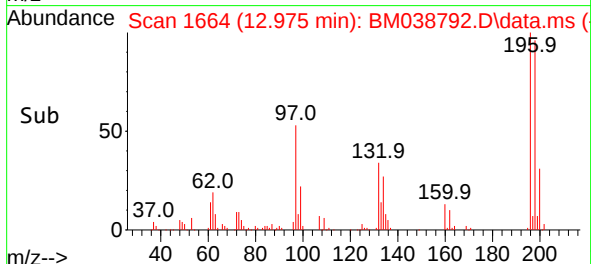
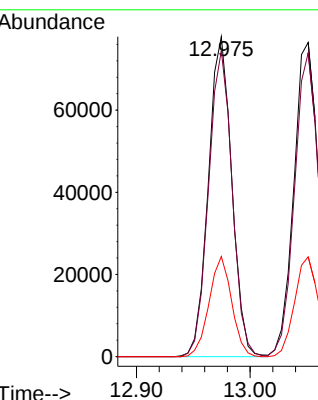
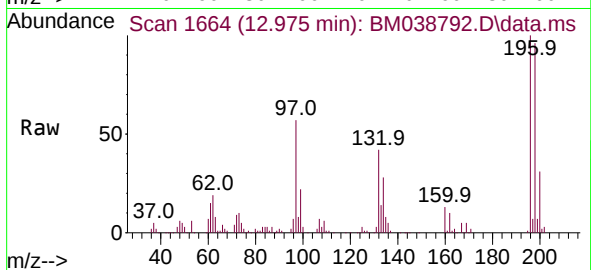
200 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2023

Supervised By :Jagrut Upadhyay 02/21/2023



#44

2,4,5-Trichlorophenol

Concen: 45.999 ng

RT: 13.051 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

Tgt Ion:196 Resp: 117709

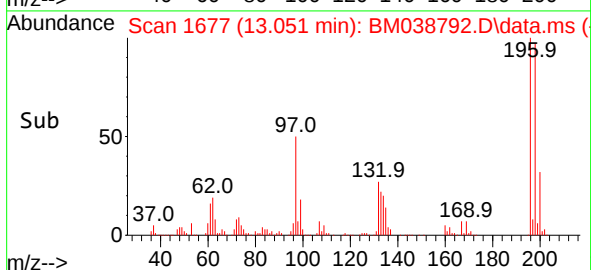
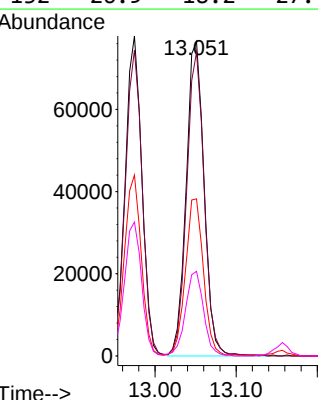
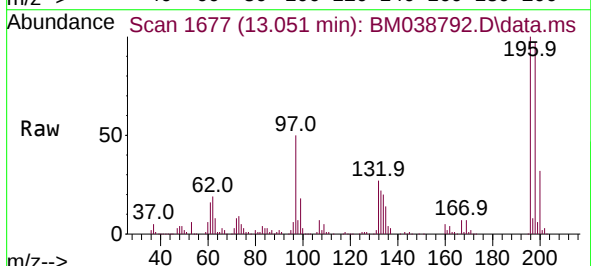
Ion Ratio Lower Upper

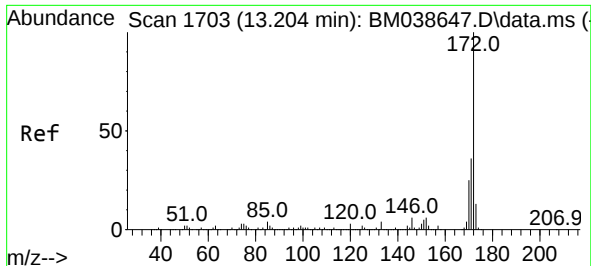
196 100

198 96.7 73.1 109.7

97 50.0 35.5 53.3

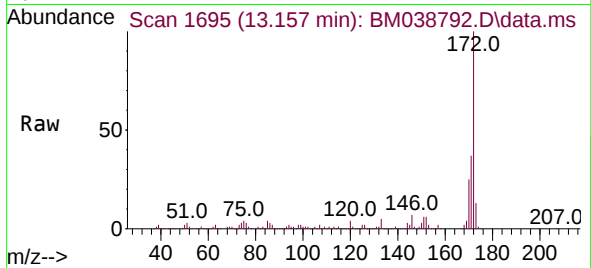
132 26.9 18.2 27.4





#45
2-Fluorobiphenyl
Concen: 90.072 ng
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

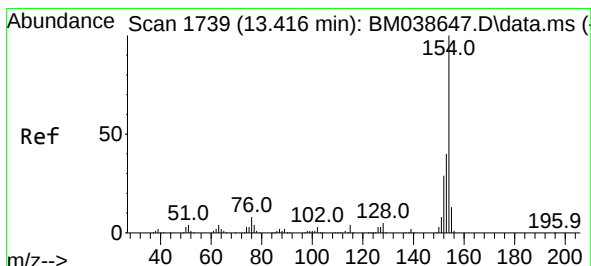
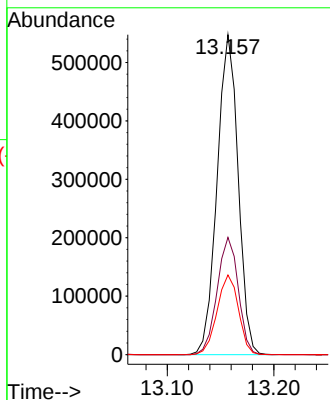
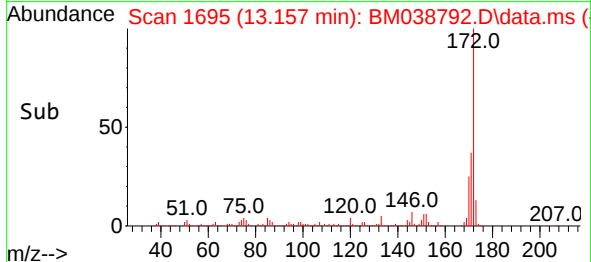
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



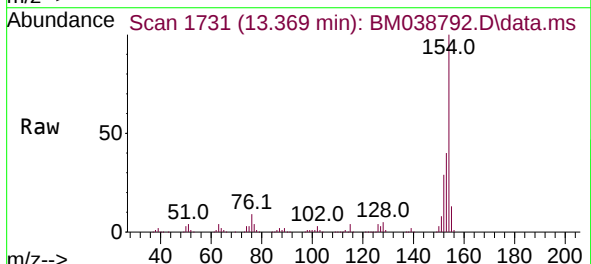
Tgt Ion:172 Resp: 752472
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.9 20.0 30.0

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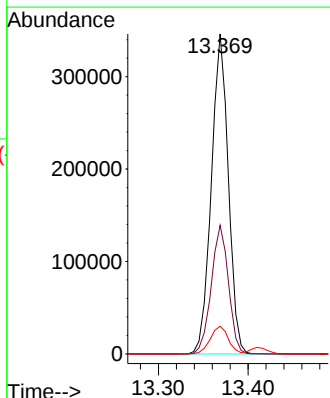
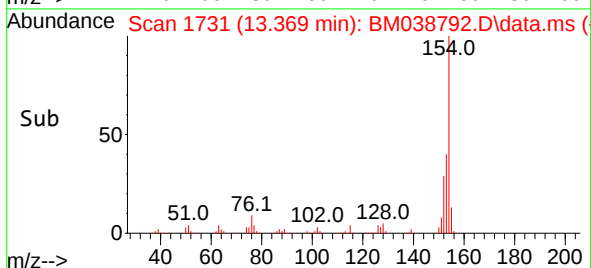
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

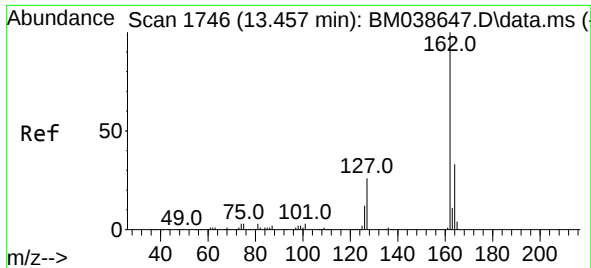


#46
1,1'-Biphenyl
Concen: 54.278 ng
RT: 13.369 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



Tgt Ion:154 Resp: 457290
Ion Ratio Lower Upper
154 100
153 40.2 19.9 59.9
76 8.6 0.0 27.9





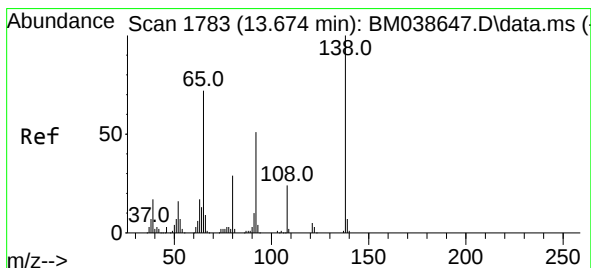
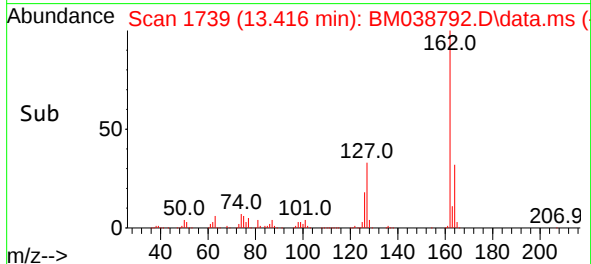
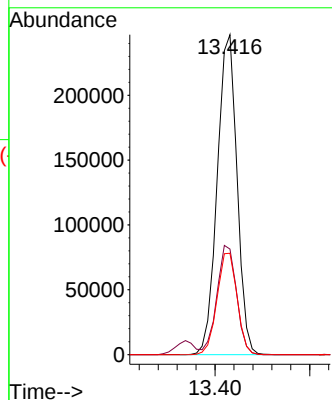
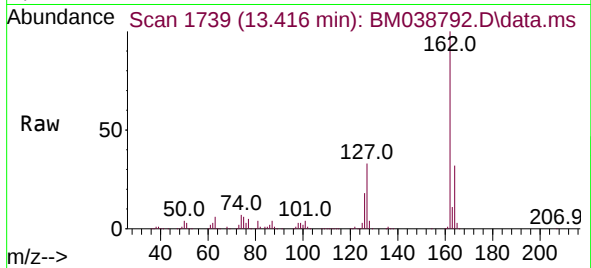
#47
2-Chloronaphthalene
Concen: 53.919 ng
RT: 13.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion:162 Resp: 35745
Ion Ratio Lower Upper
162 100
127 33.0 23.6 35.4
164 31.7 26.7 40.1

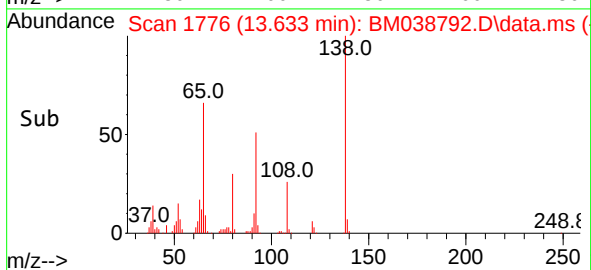
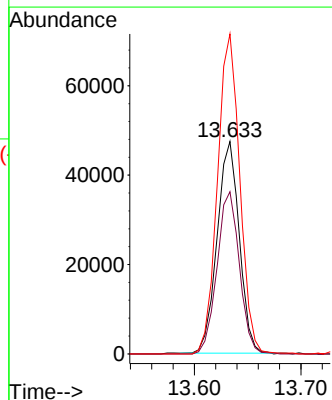
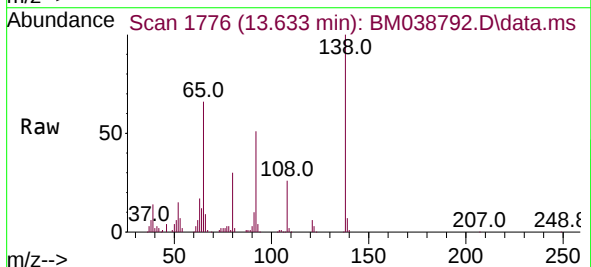
Manual Integrations
APPROVED

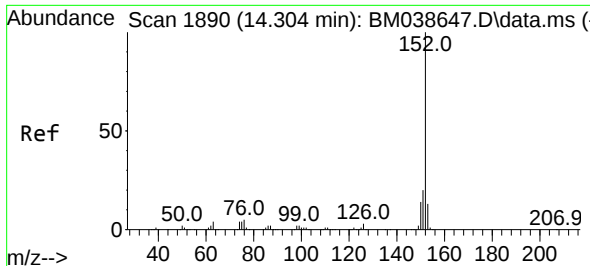
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#48
2-Nitroaniline
Concen: 45.859 ng
RT: 13.633 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

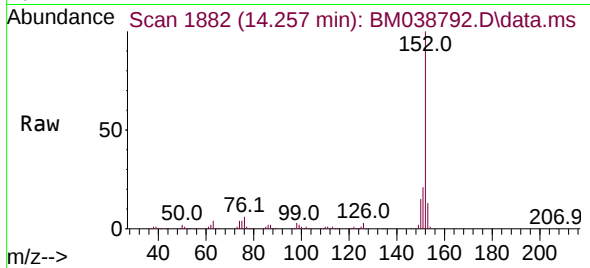
Tgt Ion: 65 Resp: 68461
Ion Ratio Lower Upper
65 100
92 76.4 55.9 83.9
138 150.7 110.6 166.0





#49
Acenaphthylene
Concen: 51.725 ng
RT: 14.257 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

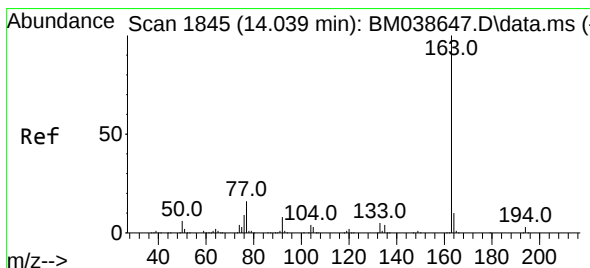
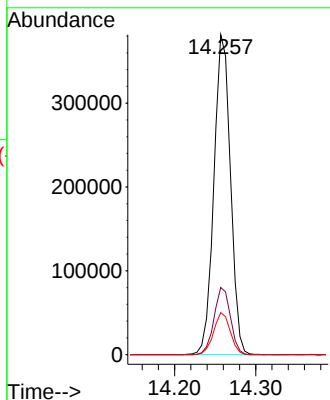
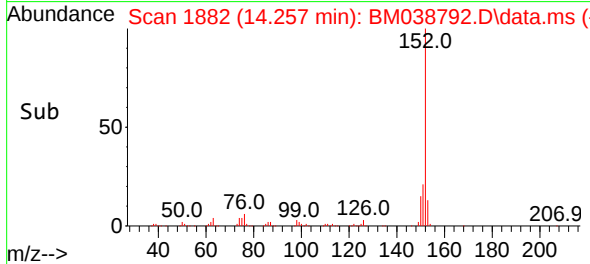
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



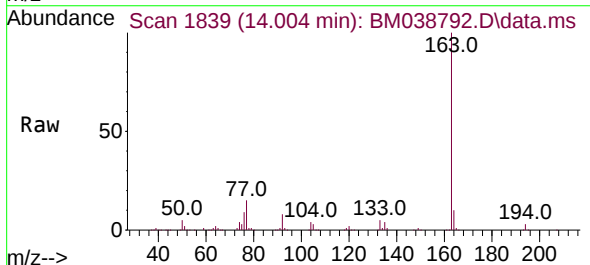
Tgt Ion:152 Resp: 540107
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 13.1 10.0 15.0

Manual Integrations
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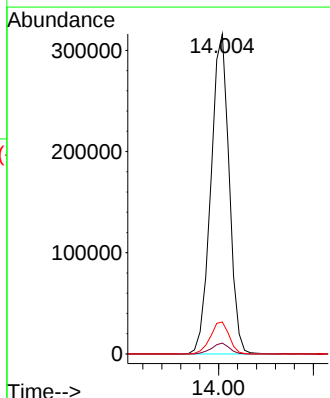
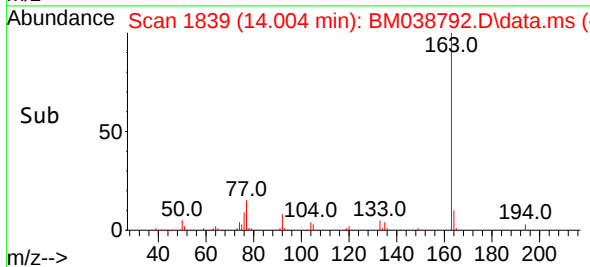
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

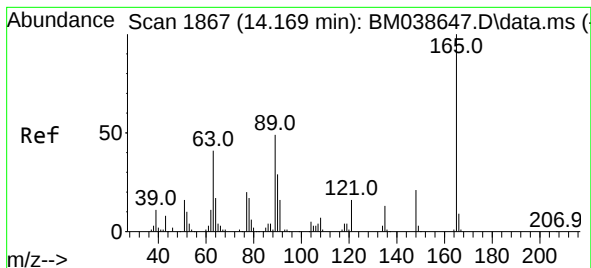


#50
Dimethylphthalate
Concen: 48.656 ng
RT: 14.004 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



Tgt Ion:163 Resp: 422300
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.2 12.4





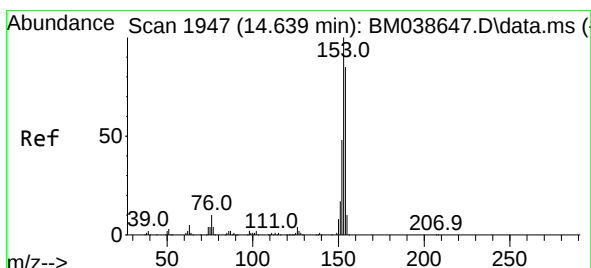
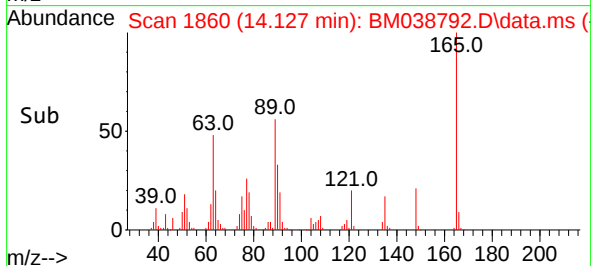
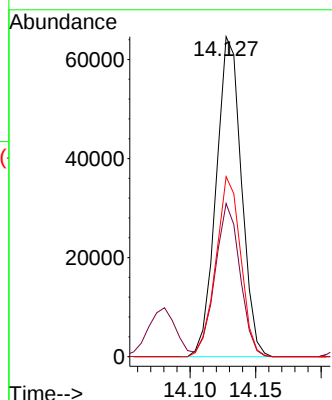
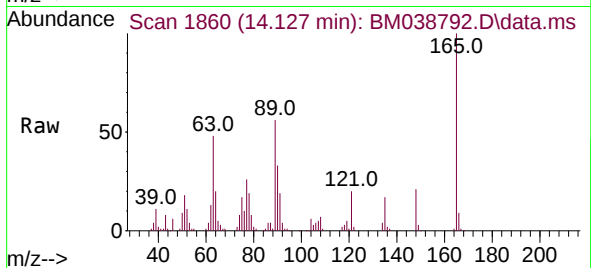
#51
2,6-Dinitrotoluene
Concen: 49.141 ng
RT: 14.127 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion:165 Resp: 8668
Ion Ratio Lower Upper
165 100
63 47.8 35.8 53.8
89 56.2 39.3 58.9

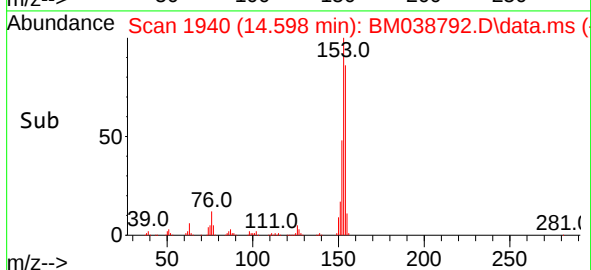
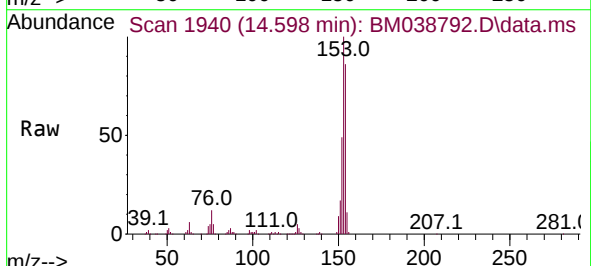
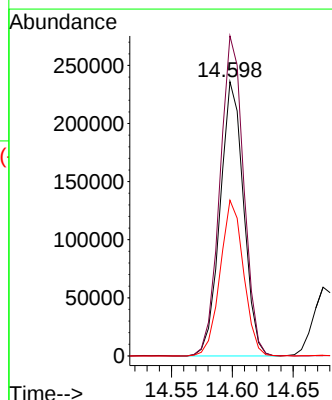
Manual Integrations
APPROVED

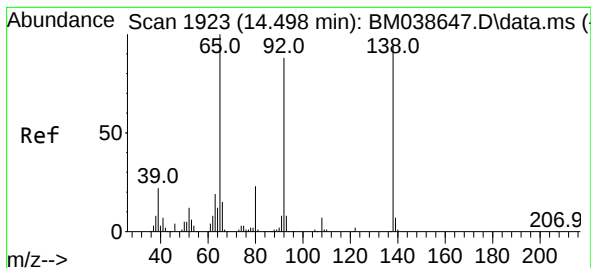
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#52
Acenaphthene
Concen: 50.773 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

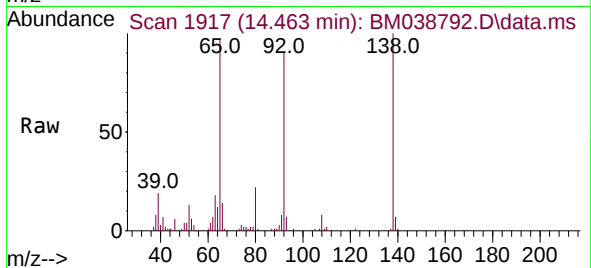
Tgt Ion:154 Resp: 316565
Ion Ratio Lower Upper
154 100
153 116.7 93.7 140.5
152 56.7 44.6 67.0





#53
3-Nitroaniline
Concen: 29.466 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

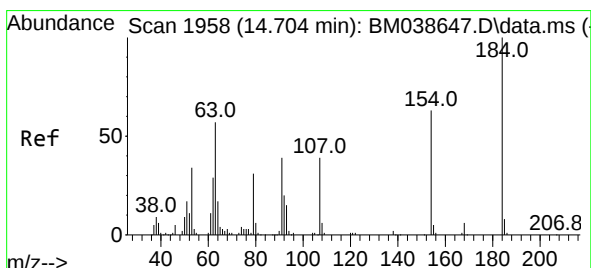
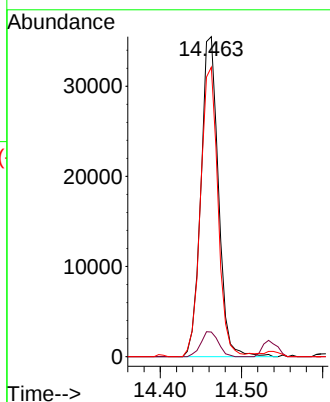
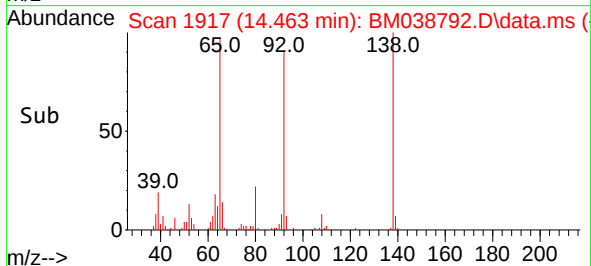
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



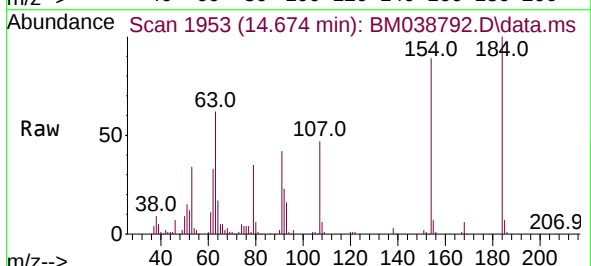
Tgt Ion:138 Resp: 53200
Ion Ratio Lower Upper
138 100
108 7.7 5.8 8.8
92 90.4 73.9 110.9

Manual Integrations
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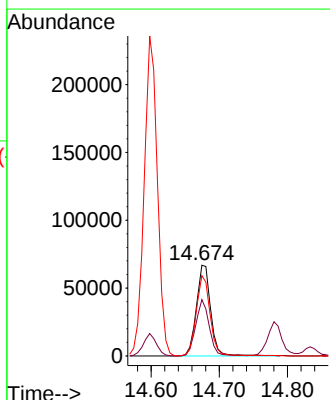
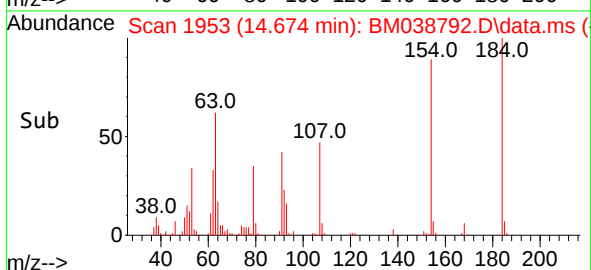
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

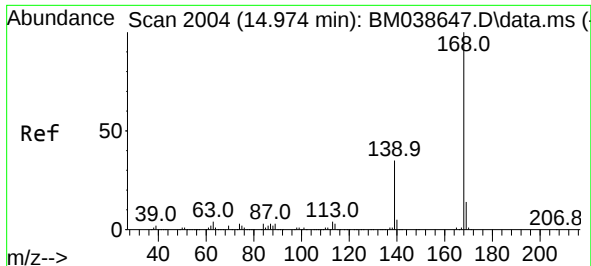


#54
2,4-Dinitrophenol
Concen: 84.655 ng
RT: 14.674 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



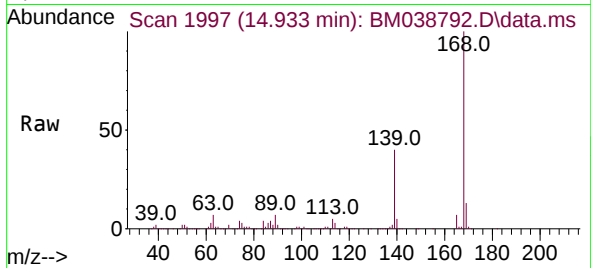
Tgt Ion:184 Resp: 97202
Ion Ratio Lower Upper
184 100
63 62.1 45.9 68.9
154 88.5 54.9 82.3#





#55
Dibenzenofuran
Concen: 46.804 ng
RT: 14.933 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

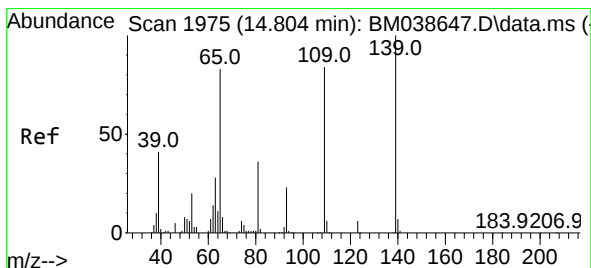
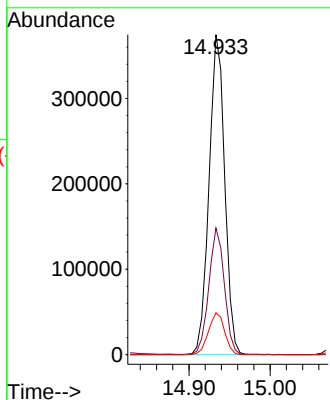
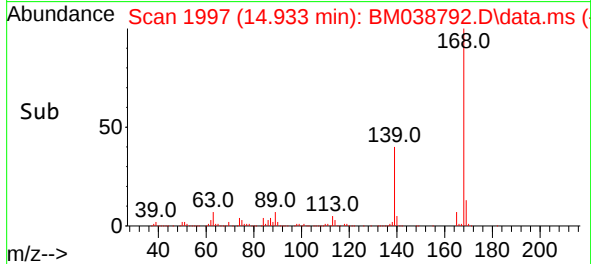
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



Tgt Ion:168 Resp: 502519
Ion Ratio Lower Upper
168 100
139 39.5 27.8 41.6
169 13.1 10.9 16.3

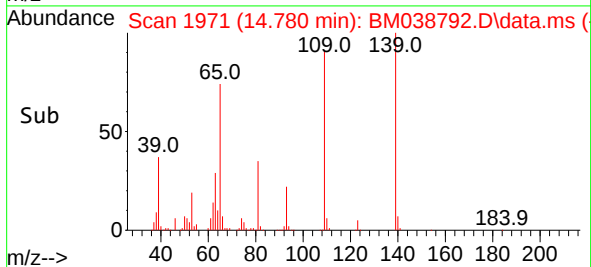
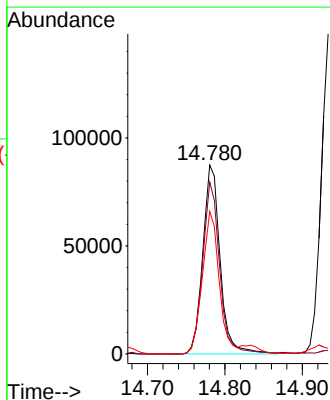
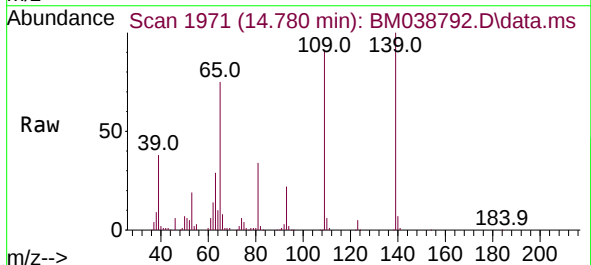
Manual Integrations
APPROVED

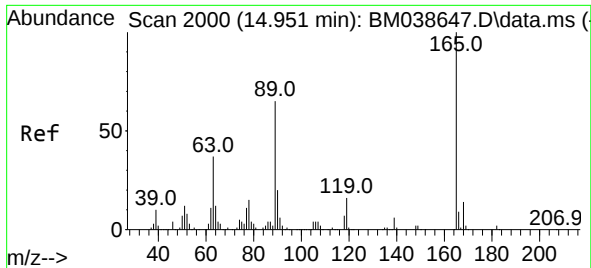
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#56
4-Nitrophenol
Concen: 96.251 ng
RT: 14.780 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

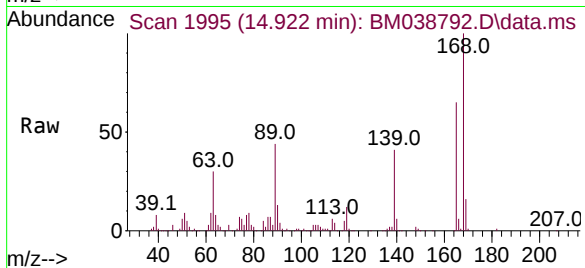
Tgt Ion:139 Resp: 136176
Ion Ratio Lower Upper
139 100
109 91.0 63.8 103.8
65 75.4 62.5 102.5





#57
2,4-Dinitrotoluene
Concen: 44.435 ng
RT: 14.922 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

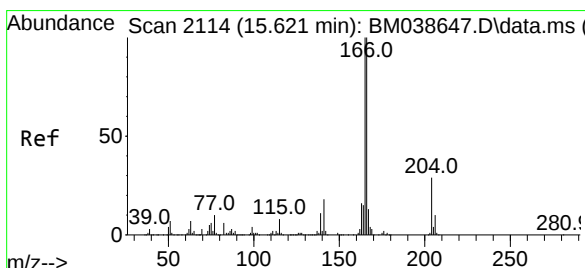
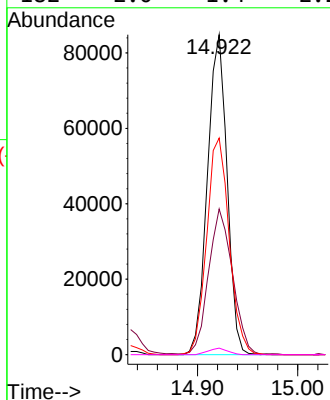
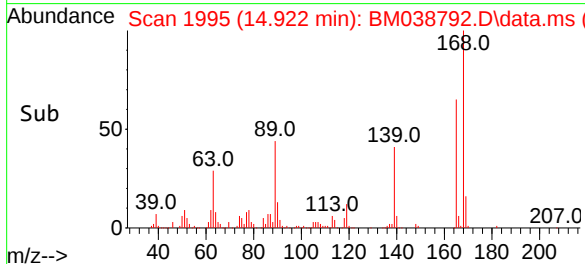
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



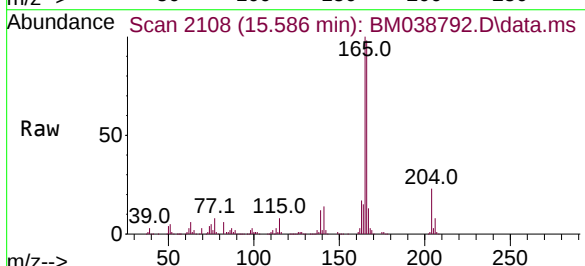
Tgt Ion:165 Resp: 115338
Ion Ratio Lower Upper
165 100
63 45.6 29.4 44.0
89 67.7 51.8 77.6
182 2.0 1.4 2.2

Manual Integrations
APPROVED

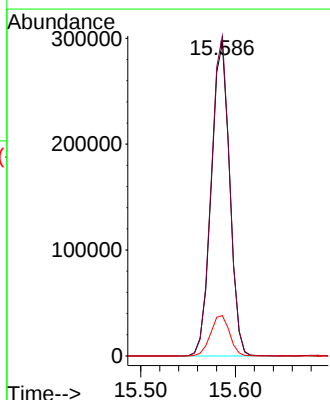
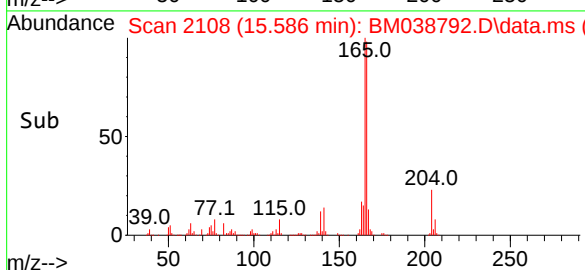
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

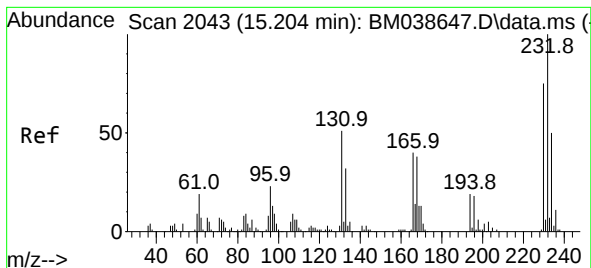


#58
Fluorene
Concen: 46.865 ng
RT: 15.586 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



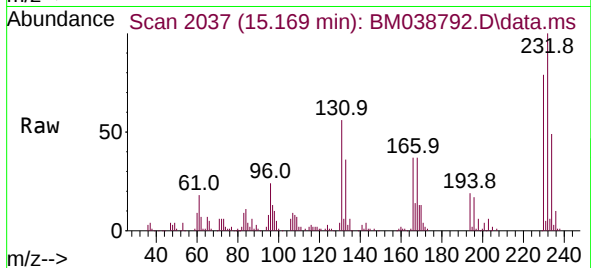
Tgt Ion:166 Resp: 398132
Ion Ratio Lower Upper
166 100
165 102.3 80.2 120.4
167 12.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.094 ng
RT: 15.169 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

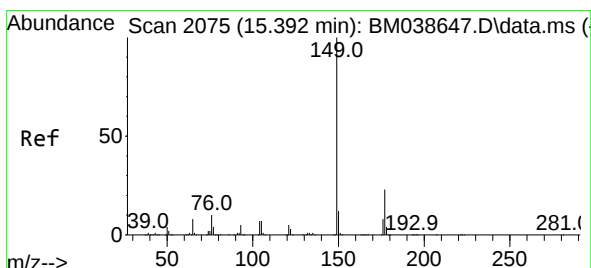
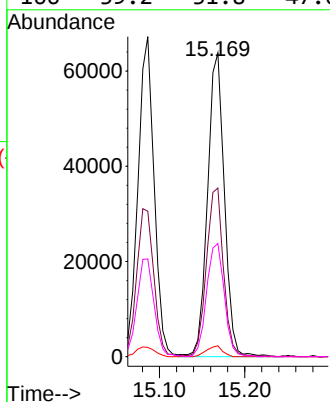
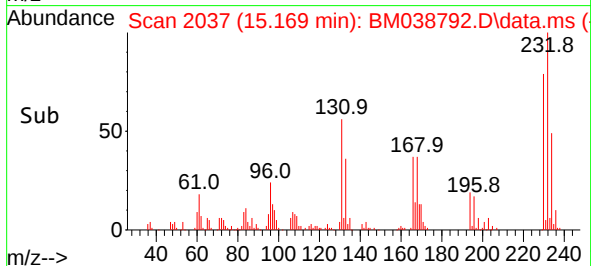
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



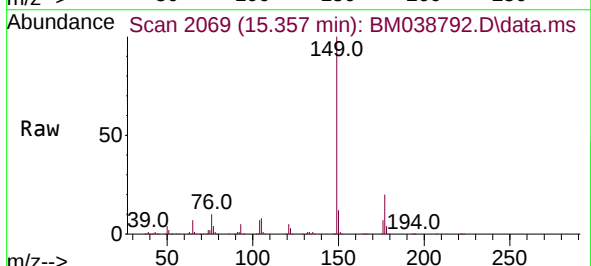
Tgt Ion:232 Resp: 87431
Ion Ratio Lower Upper
232 100
131 56.3 41.2 61.8
130 3.3 2.4 3.6
166 39.2 31.8 47.6

Manual Integrations
APPROVED

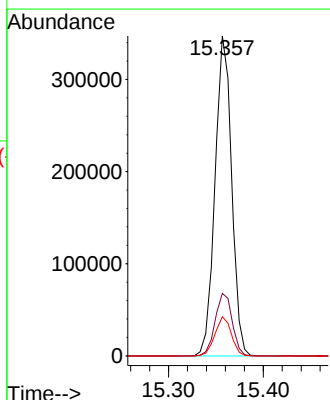
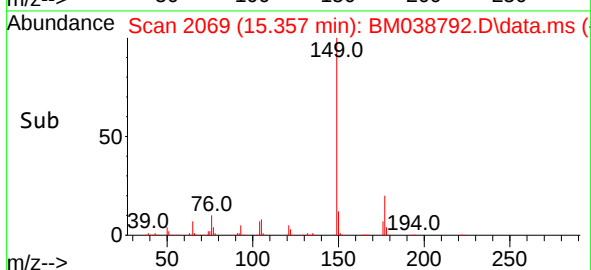
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

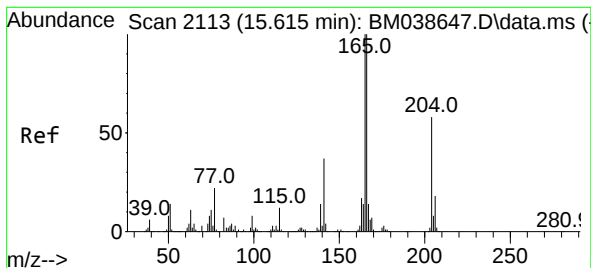


#60
Diethylphthalate
Concen: 51.333 ng
RT: 15.357 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



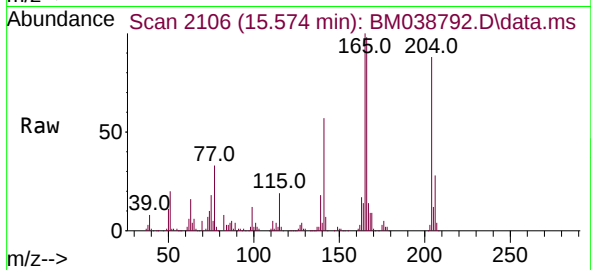
Tgt Ion:149 Resp: 422079
Ion Ratio Lower Upper
149 100
177 19.5 18.1 27.1
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 51.175 ng
RT: 15.574 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

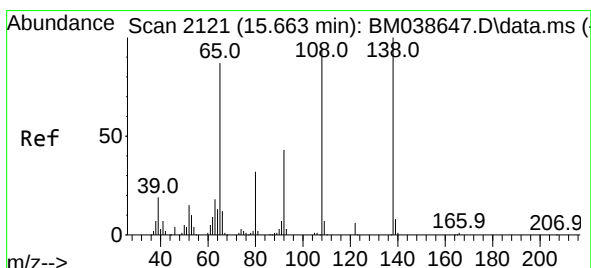
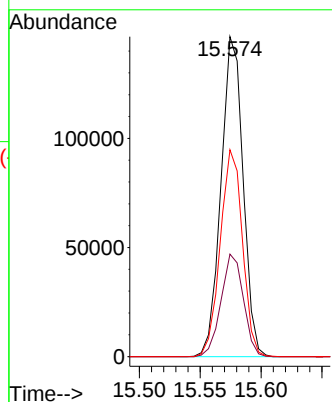
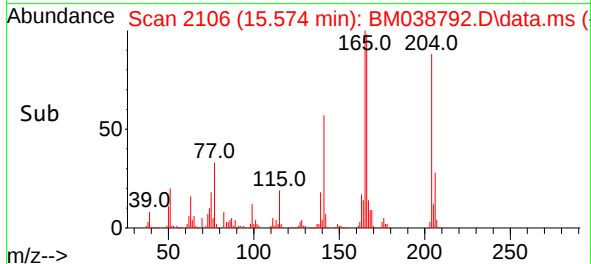
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



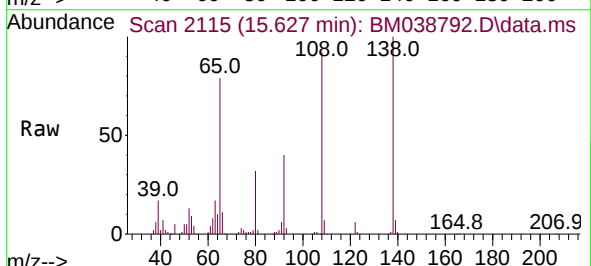
Tgt Ion:204 Resp: 184436
Ion Ratio Lower Upper
204 100
206 32.0 25.3 37.9
141 64.6 51.3 76.9

Manual Integrations
APPROVED

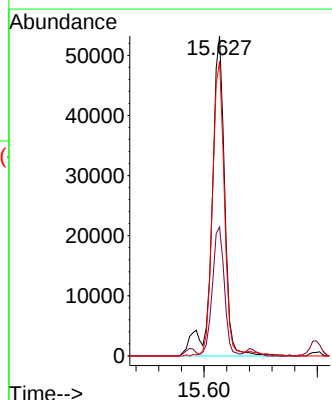
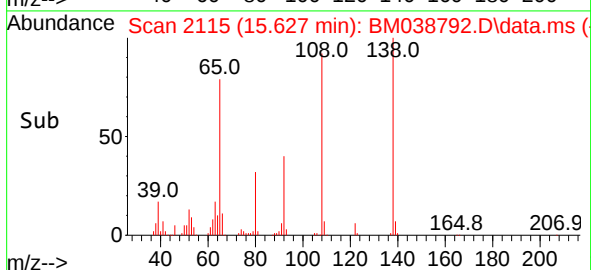
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

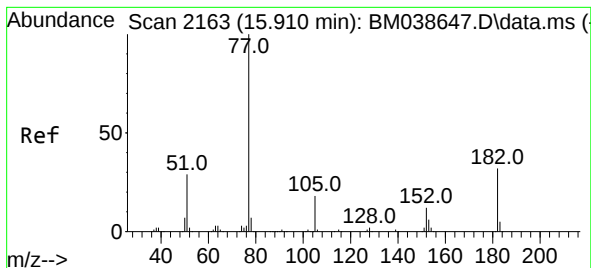


#62
4-Nitroaniline
Concen: 43.986 ng m
RT: 15.627 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



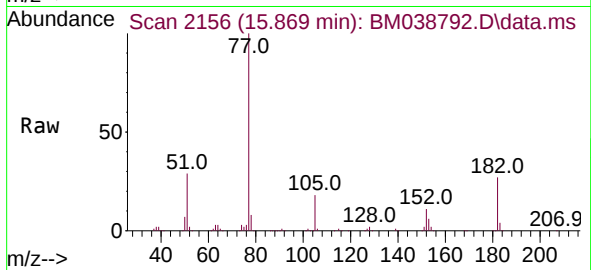
Tgt Ion:138 Resp: 83060
Ion Ratio Lower Upper
138 100
92 40.3 23.4 63.4
108 92.0 75.1 115.1





#63
Azobenzene
Concen: 52.106 ng
RT: 15.869 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

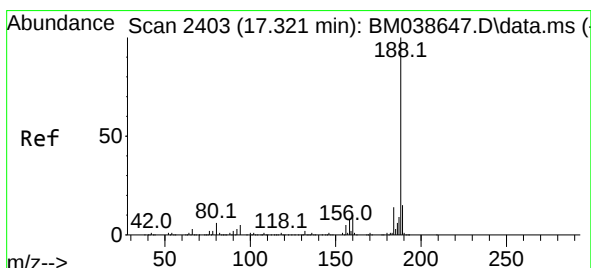
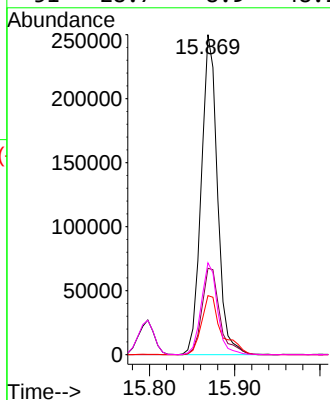
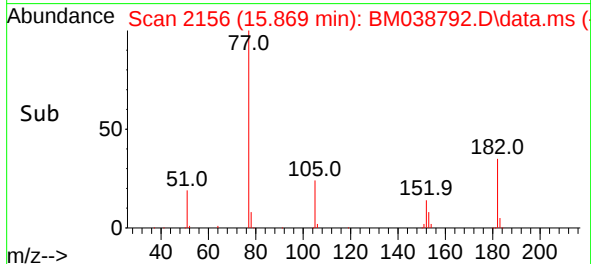
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



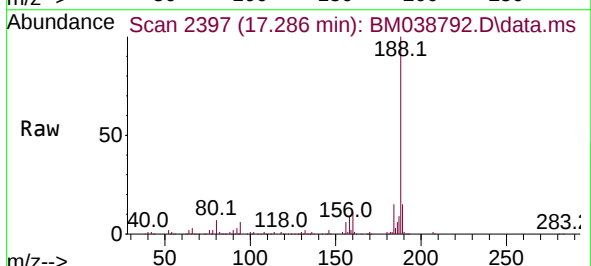
Tgt Ion:	77	Resp:	329625
Ion Ratio	100	Lower	Upper
77	100		
182	27.0	12.0	52.0
105	18.4	0.0	37.5
51	28.7	8.9	48.9

Manual Integrations
APPROVED

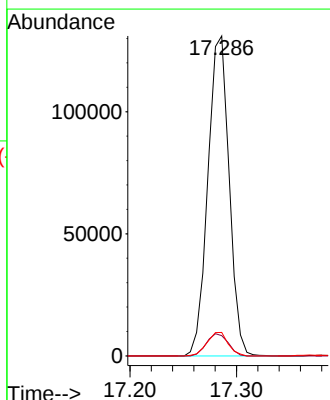
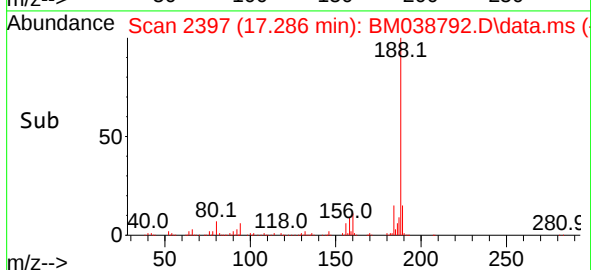
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

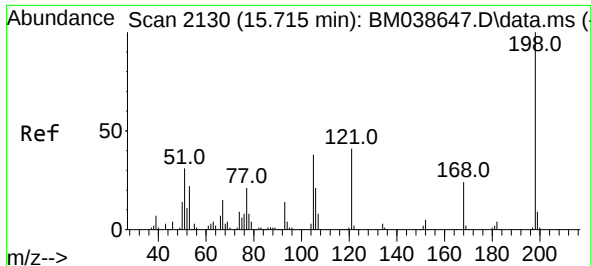


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



Tgt Ion:	188	Resp:	181693
Ion Ratio	100	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	7.3	4.6	7.0





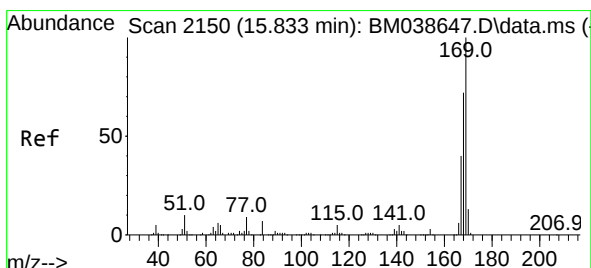
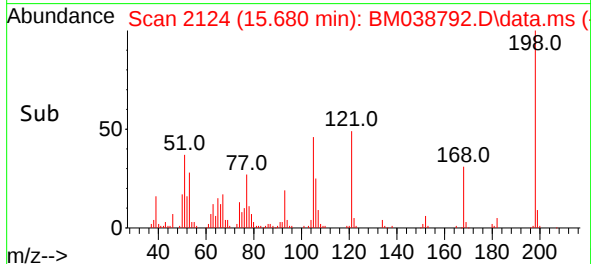
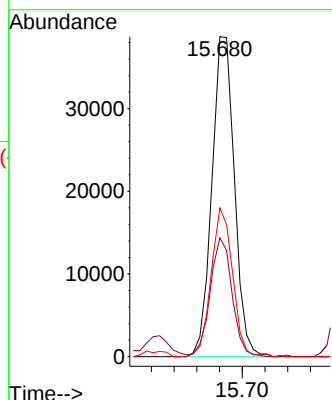
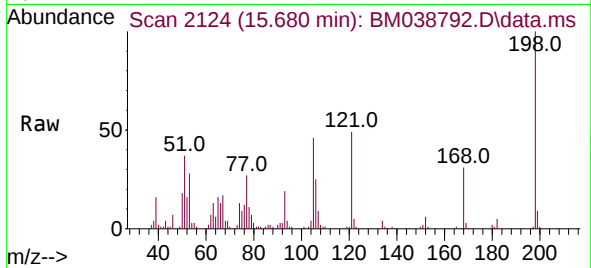
#65
4,6-Dinitro-2-methylphenol
Concen: 46.629 ng
RT: 15.680 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion:198 Resp: 53334
Ion Ratio Lower Upper
198 100
51 37.1 13.0 53.0
105 46.4 17.9 57.9

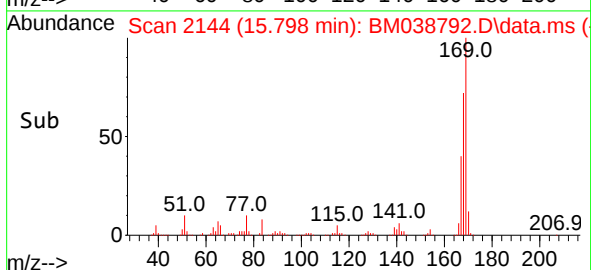
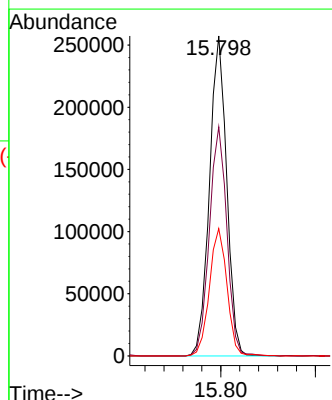
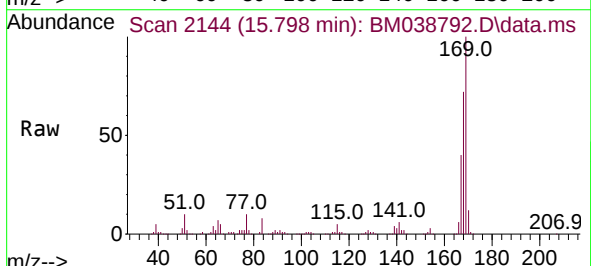
Manual Integrations
APPROVED

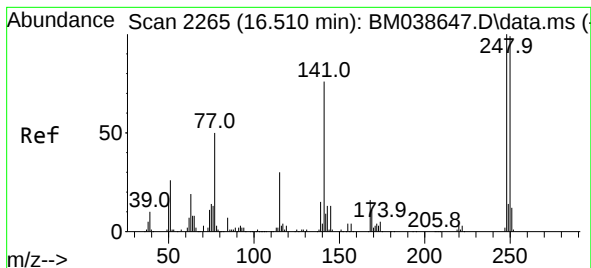
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#66
n-Nitrosodiphenylamine
Concen: 54.742 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

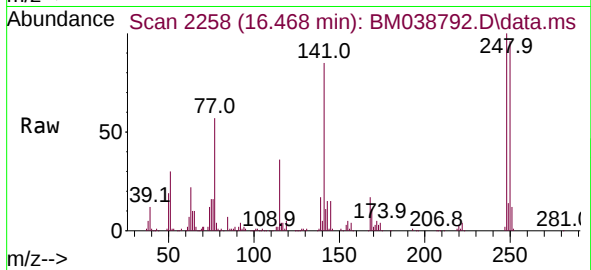
Tgt Ion:169 Resp: 324763
Ion Ratio Lower Upper
169 100
168 71.6 57.6 86.4
167 39.8 32.3 48.5





#67
4-Bromophenyl-phenylether
Concen: 59.084 ng
RT: 16.468 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

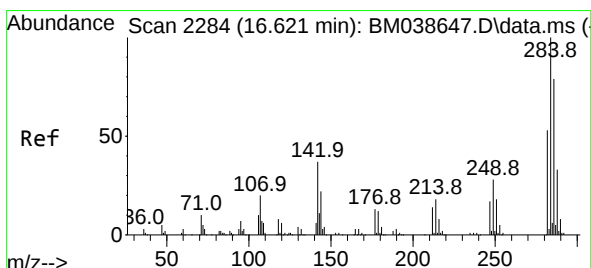
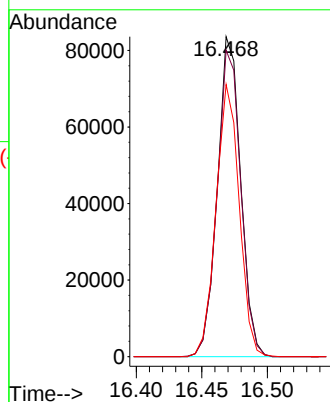
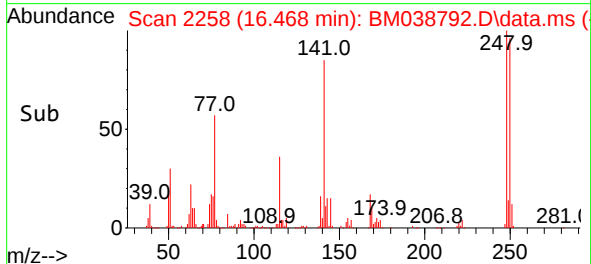
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



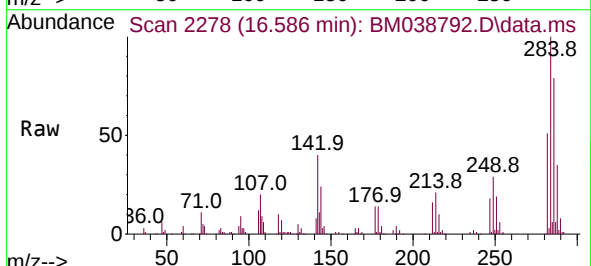
Tgt Ion:248 Resp: 103658
Ion Ratio Lower Upper
248 100
250 95.7 79.4 119.2
141 85.0 61.0 91.6

Manual Integrations
APPROVED

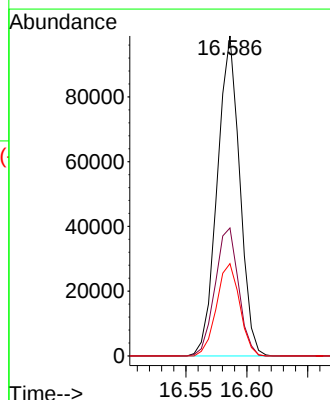
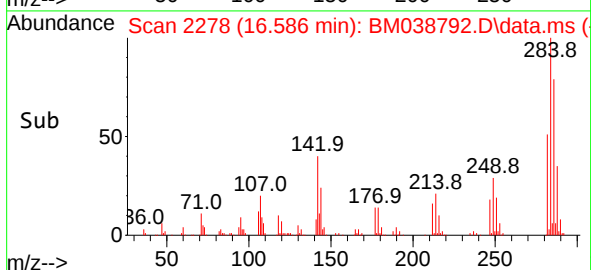
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

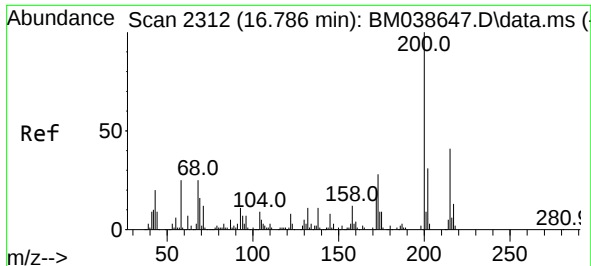


#68
Hexachlorobenzene
Concen: 59.061 ng
RT: 16.586 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



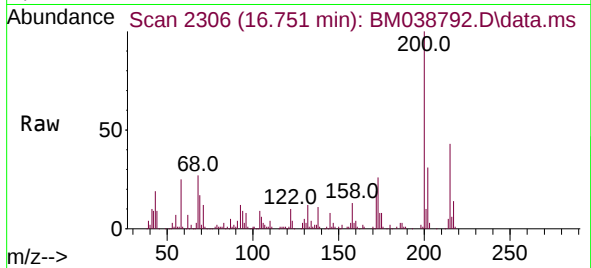
Tgt Ion:284 Resp: 126631
Ion Ratio Lower Upper
284 100
142 40.0 29.8 44.6
249 28.8 22.2 33.4





#69
Atrazine
Concen: 60.043 ng
RT: 16.751 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

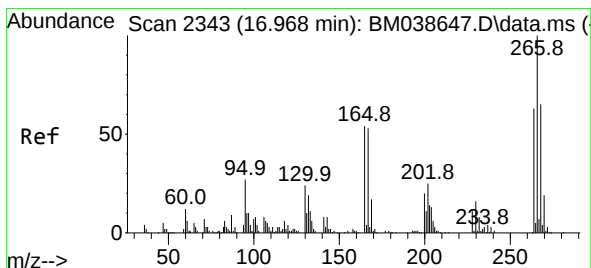
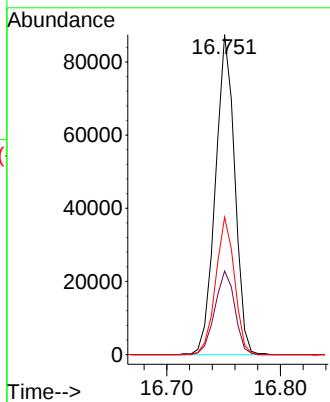
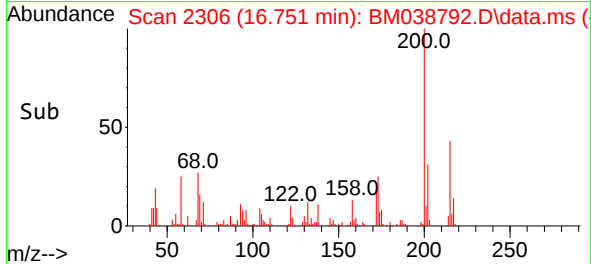
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



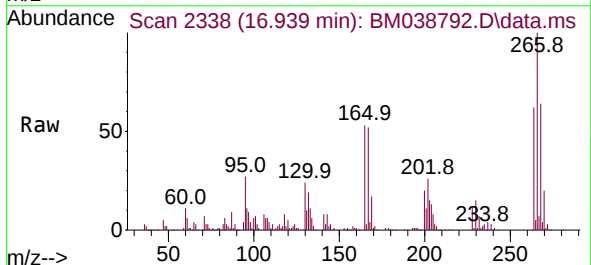
Tgt Ion:200 Resp: 103243
Ion Ratio Lower Upper
200 100
173 26.1 7.9 47.9
215 42.9 20.8 60.8

Manual Integrations
APPROVED

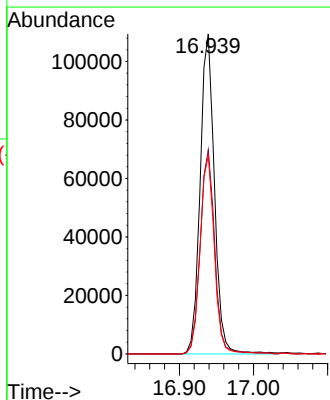
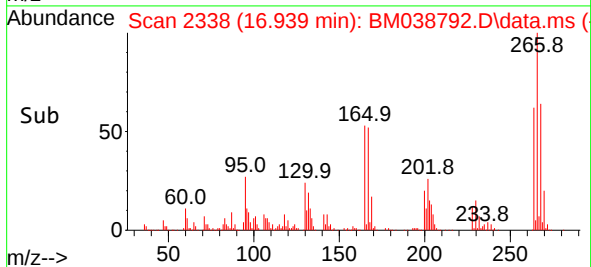
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

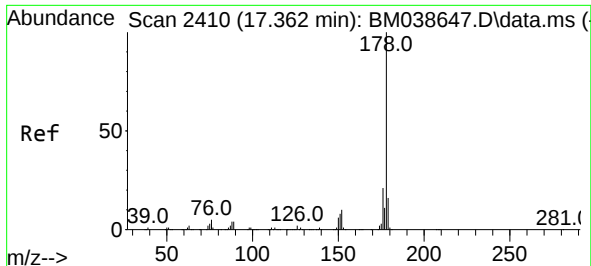


#70
Pentachlorophenol
Concen: 93.921 ng
RT: 16.939 min Scan# 2338
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



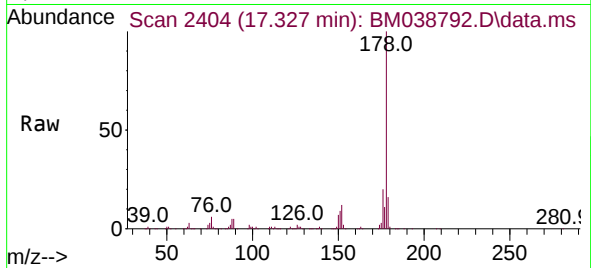
Tgt Ion:266 Resp: 146796
Ion Ratio Lower Upper
266 100
268 63.8 51.8 77.6
264 61.9 50.6 76.0





#71
Phenanthrene
Concen: 49.964 ng
RT: 17.327 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

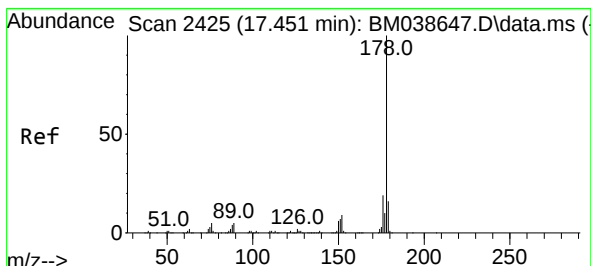
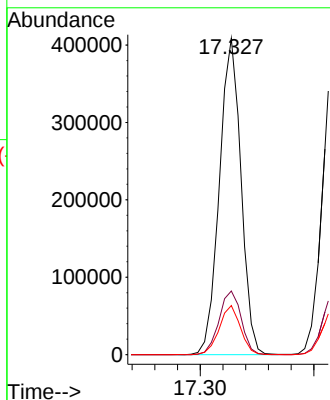
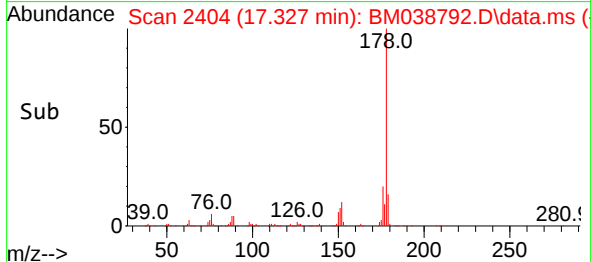
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



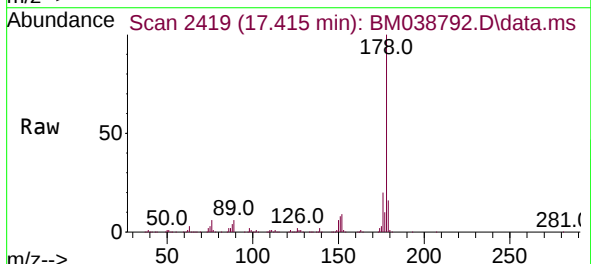
Tgt Ion:178 Resp: 539035
Ion Ratio Lower Upper
178 100
176 20.1 16.7 25.1
179 15.5 12.5 18.7

Manual Integrations
APPROVED

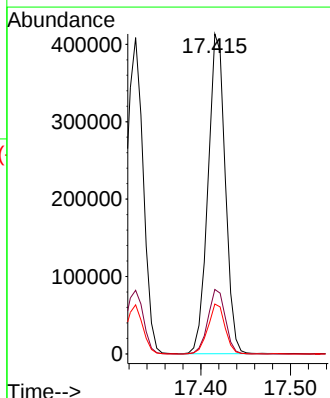
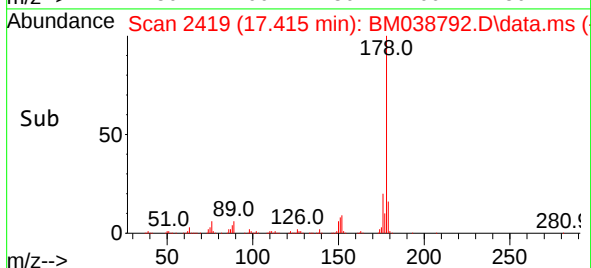
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

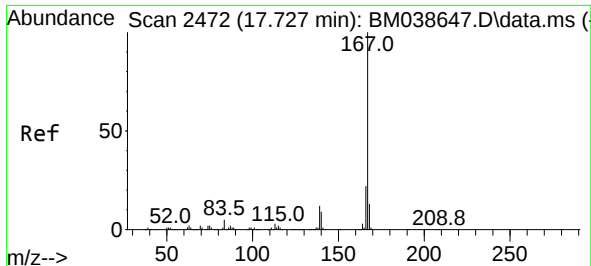


#72
Anthracene
Concen: 49.946 ng
RT: 17.415 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



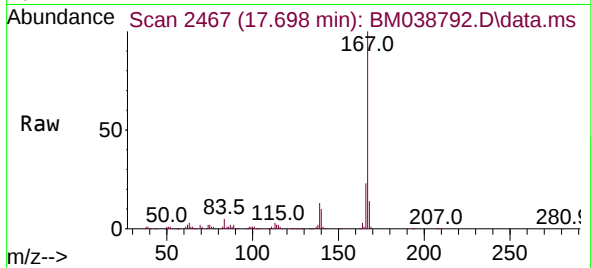
Tgt Ion:178 Resp: 551241
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.6 12.4 18.6





#73
Carbazole
Concen: 47.534 ng
RT: 17.698 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

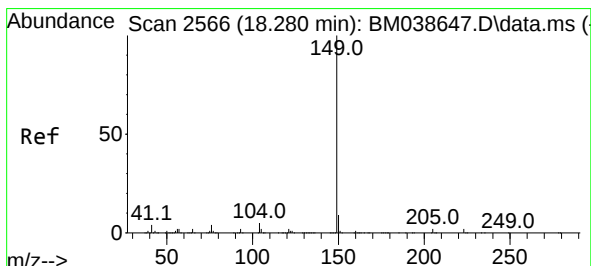
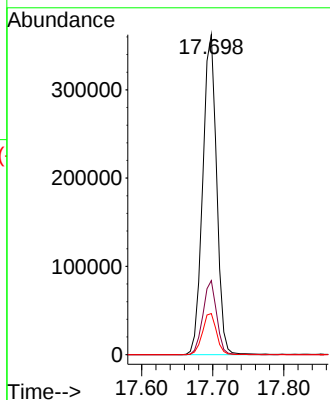
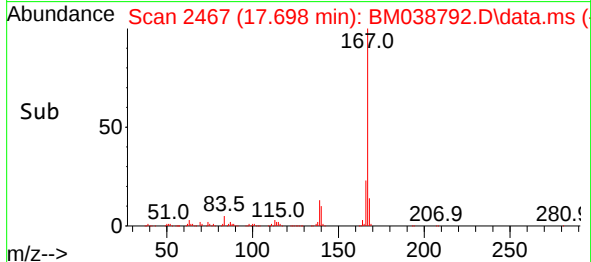
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



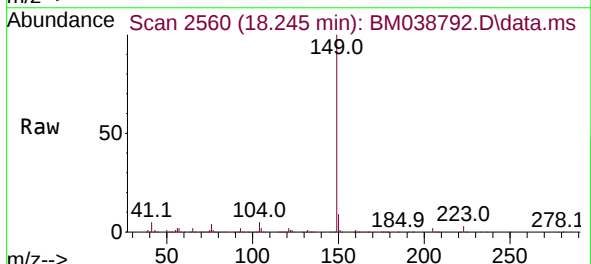
Tgt Ion:167 Resp: 489270
Ion Ratio Lower Upper
167 100
166 23.1 17.8 26.6
139 12.8 9.4 14.2

Manual Integrations
APPROVED

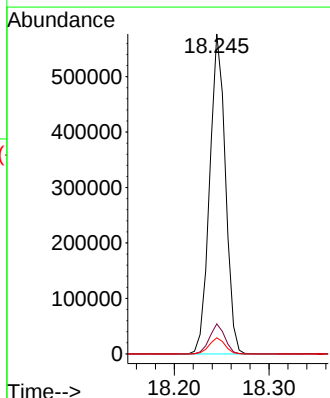
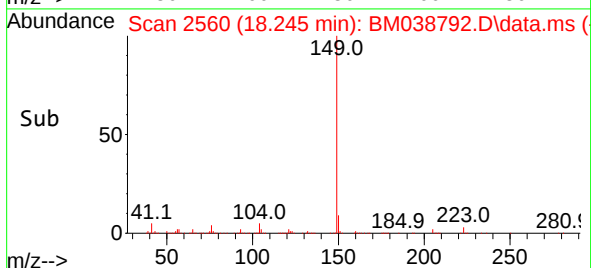
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

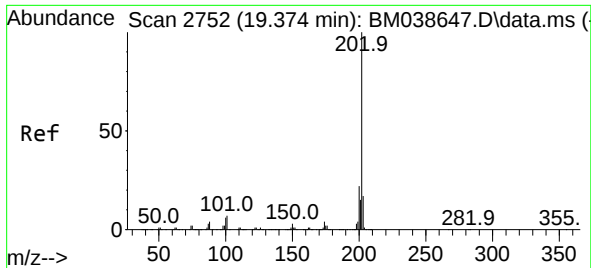


#74
Di-n-butylphthalate
Concen: 57.498 ng
RT: 18.245 min Scan# 2560
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



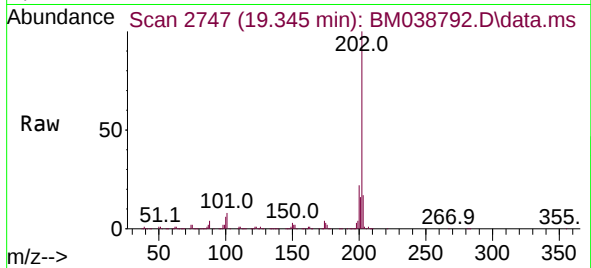
Tgt Ion:149 Resp: 668657
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.0 3.8 5.6





#75
Fluoranthene
Concen: 47.874 ng
RT: 19.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

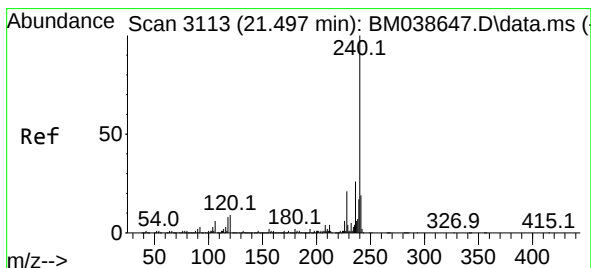
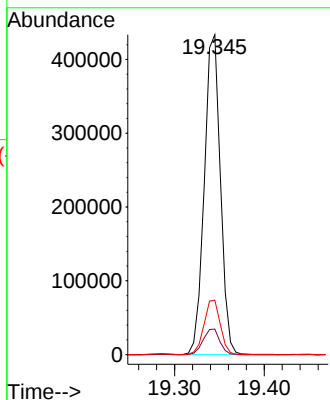
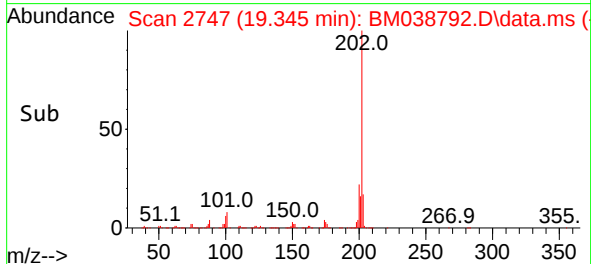
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



Tgt Ion:202 Resp: 54228
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.4
203 17.0 0.0 37.3

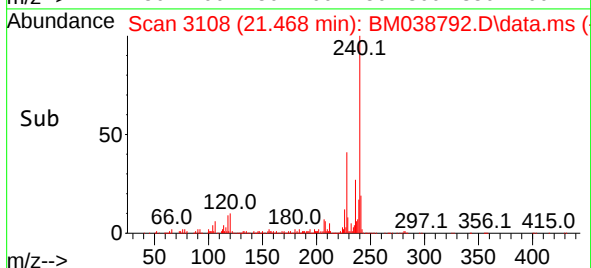
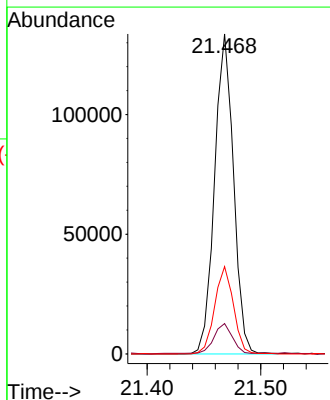
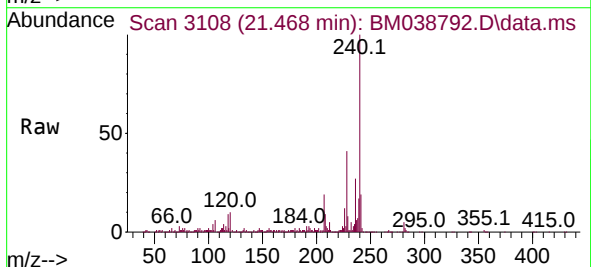
Manual Integrations
APPROVED

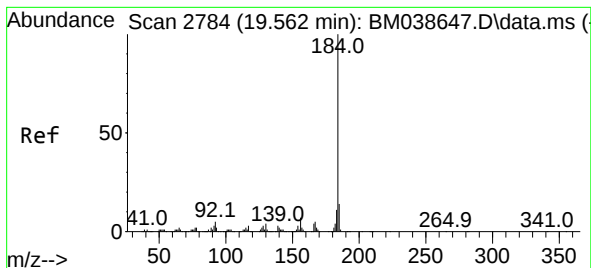
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Tgt Ion:240 Resp: 154544
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.4
236 27.3 20.9 31.3





#77

Benzidine

Concen: 55.972 ng

RT: 19.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

Instrument :

BNA_M

ClientSampleId :

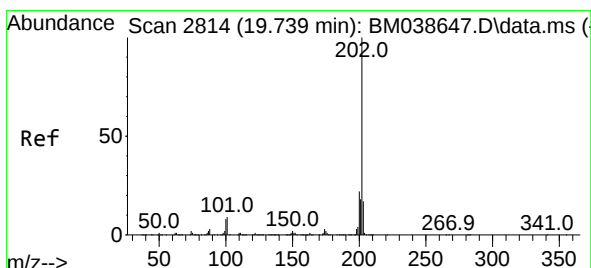
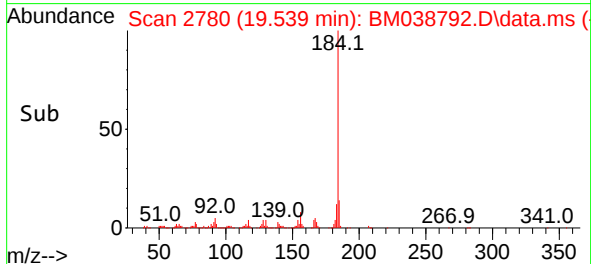
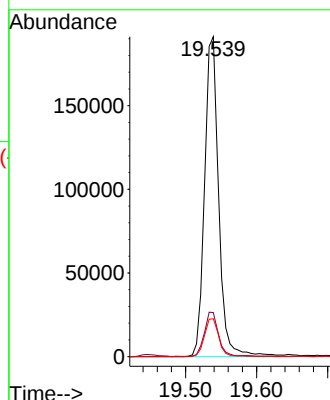
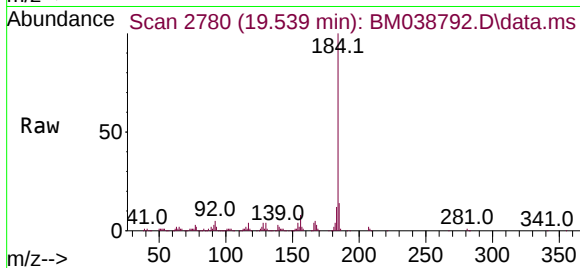
B-26-SB01MSD

Tgt Ion:184	Resp: 262450
Ion Ratio	Lower Upper
184	100
185	13.8 10.8 16.2
183	11.8 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#78

Pyrene

Concen: 47.470 ng

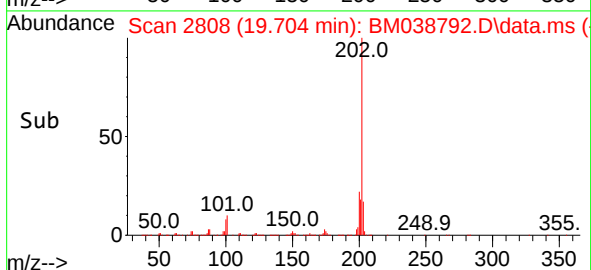
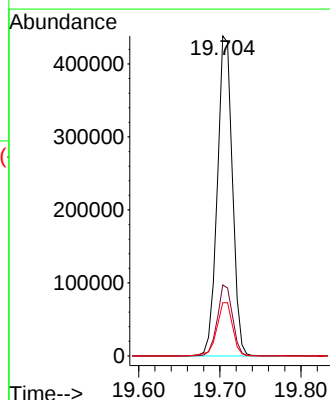
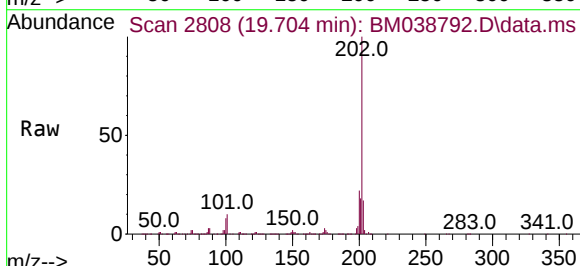
RT: 19.704 min Scan# 2808

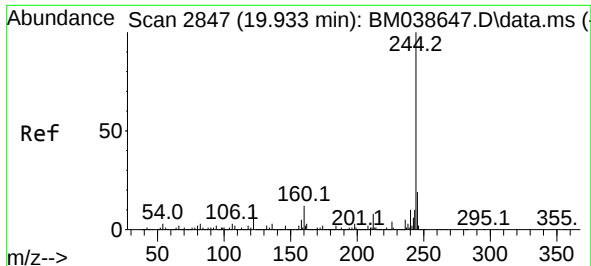
Delta R.T. -0.006 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

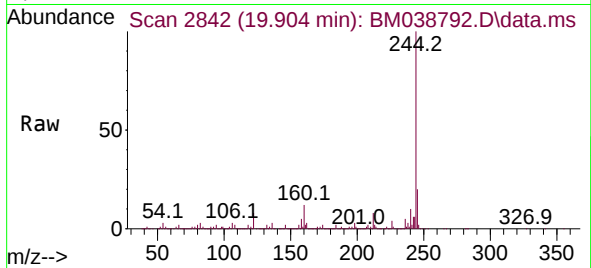
Tgt Ion:202	Resp: 564822
Ion Ratio	Lower Upper
202	100
200	22.2 17.8 26.6
203	16.6 13.5 20.3





#79
 Terphenyl-d14
 Concen: 94.472 ng
 RT: 19.904 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BM038792.D
 Acq: 20 Feb 2023 18:19

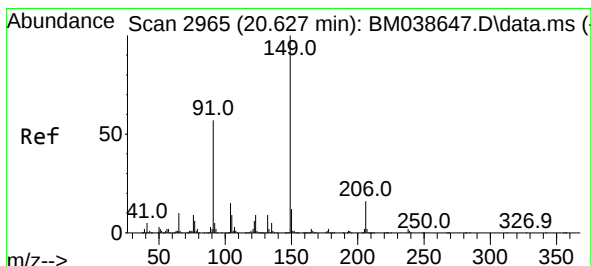
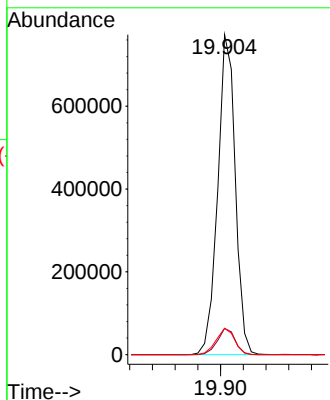
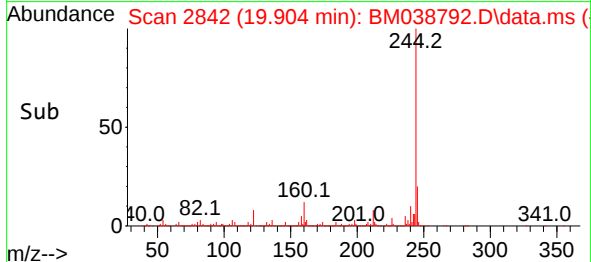
Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB01MSD



Tgt Ion:244 Resp: 82735
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 8.2 7.8 11.8

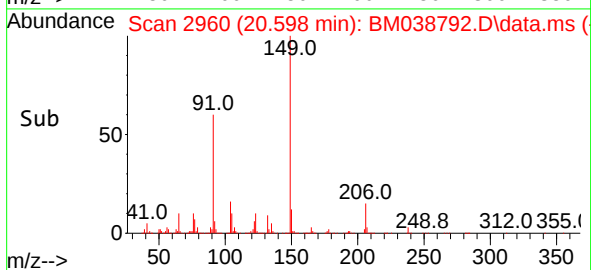
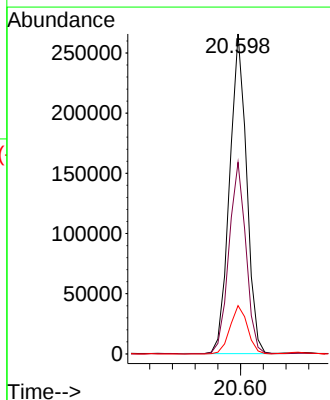
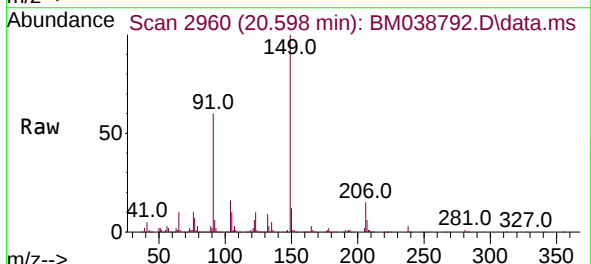
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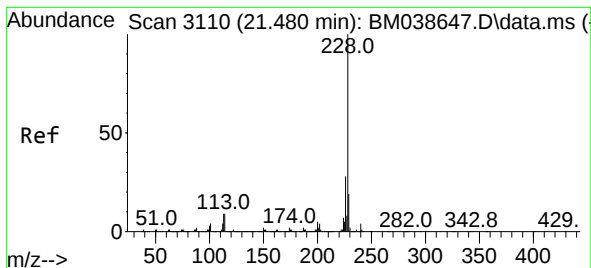
Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023



#80
 Butylbenzylphthalate
 Concen: 46.771 ng
 RT: 20.598 min Scan# 2960
 Delta R.T. -0.006 min
 Lab File: BM038792.D
 Acq: 20 Feb 2023 18:19

Tgt Ion:149 Resp: 276740
 Ion Ratio Lower Upper
 149 100
 91 59.9 45.6 68.4
 206 15.1 12.5 18.7





#81

Benzo(a)anthracene

Concen: 53.016 ng

RT: 21.451 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

Instrument :

BNA_M

ClientSampleId :

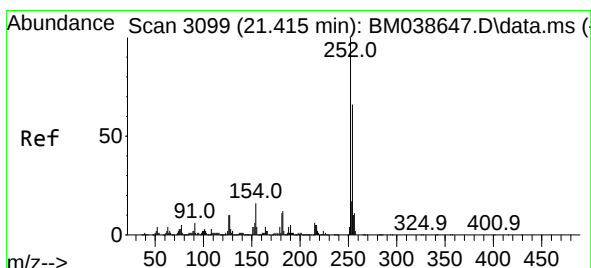
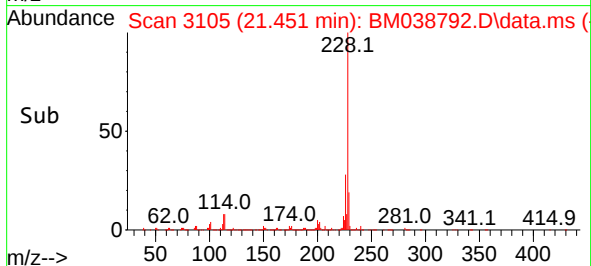
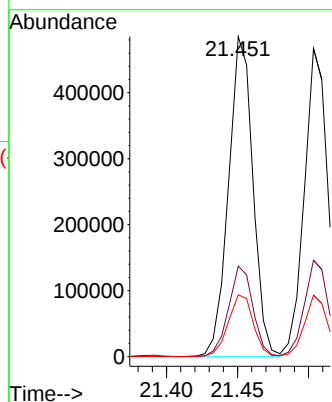
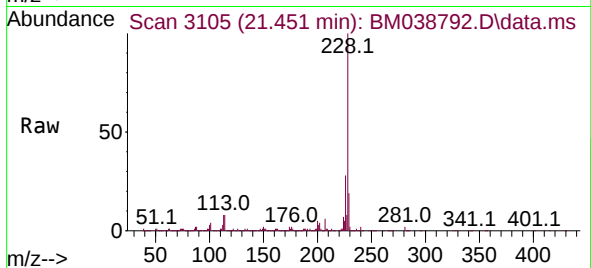
B-26-SB01MSD

Tgt Ion:228 Resp: 579574
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.2 33.4
 229 19.3 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023



#82

3,3'-Dichlorobenzidine

Concen: 37.924 ng

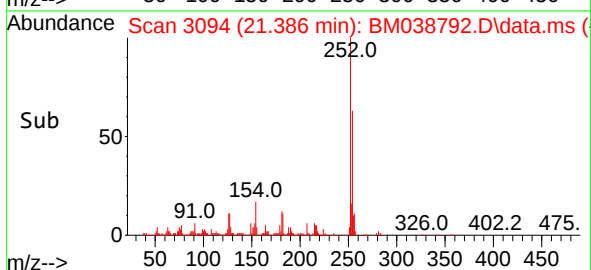
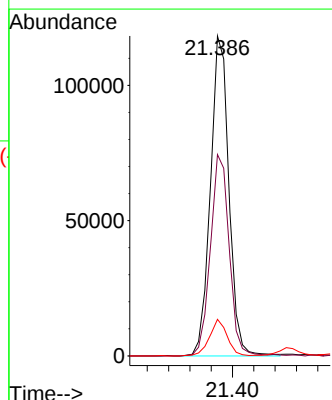
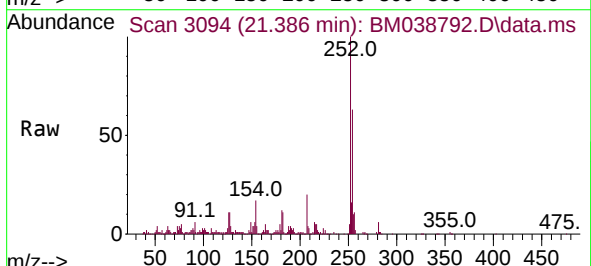
RT: 21.386 min Scan# 3094

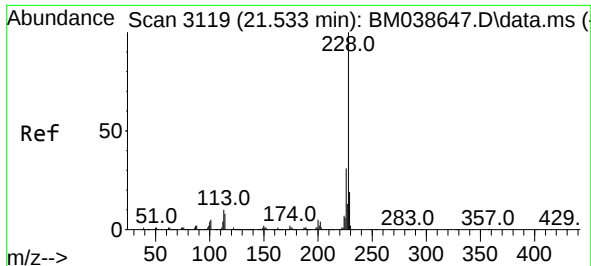
Delta R.T. -0.006 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

Tgt Ion:252 Resp: 142633
 Ion Ratio Lower Upper
 252 100
 254 62.9 52.8 79.2
 126 11.4 8.2 12.2





#83

Chrysene

Concen: 51.058 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

Instrument :

BNA_M

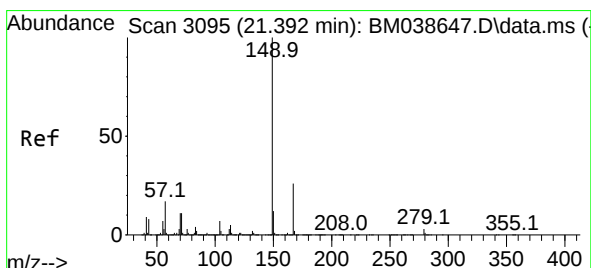
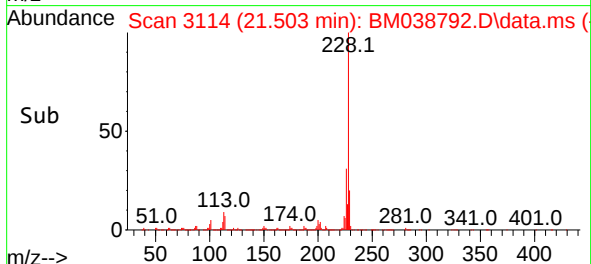
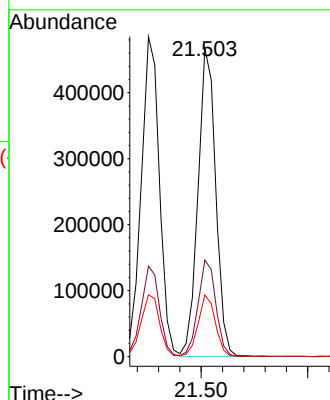
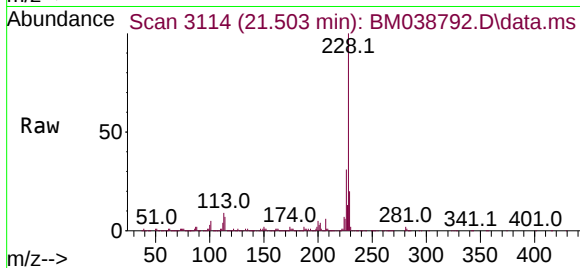
ClientSampleId :

B-26-SB01MSD

Tgt Ion:228 Resp: 537789
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.7 37.1
 229 19.9 15.5 23.3

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Reviewed By :Christian Giraldo 02/21/2023
 Supervised By :Jagrut Upadhyay 02/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.235 ng

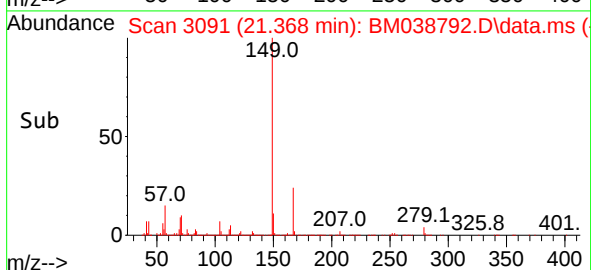
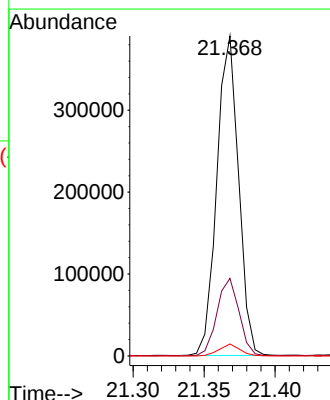
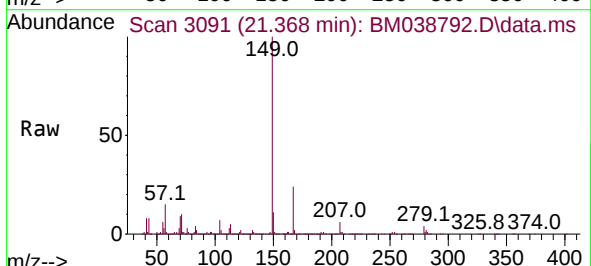
RT: 21.368 min Scan# 3091

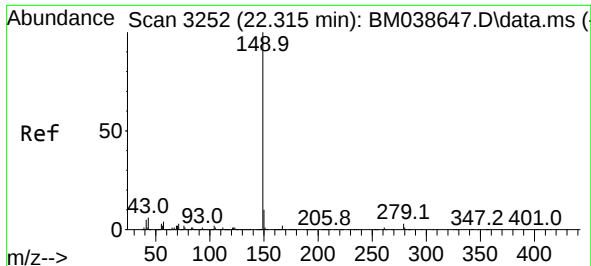
Delta R.T. 0.000 min

Lab File: BM038792.D

Acq: 20 Feb 2023 18:19

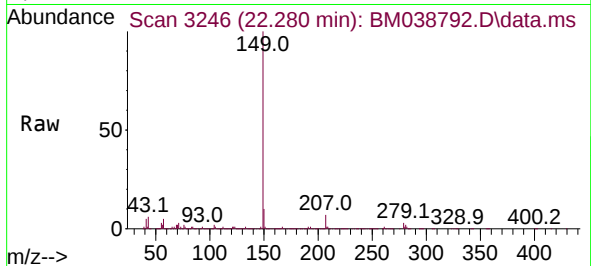
Tgt Ion:149 Resp: 415817
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.8 31.2
 279 3.7 2.5 3.7





#85
Di-n-octyl phthalate
Concen: 52.512 ng
RT: 22.280 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

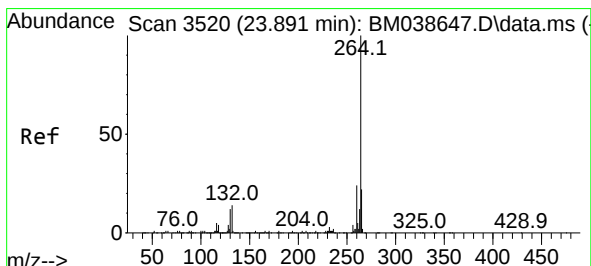
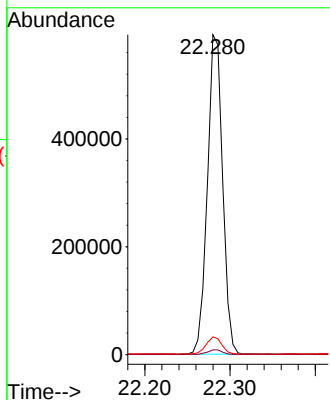
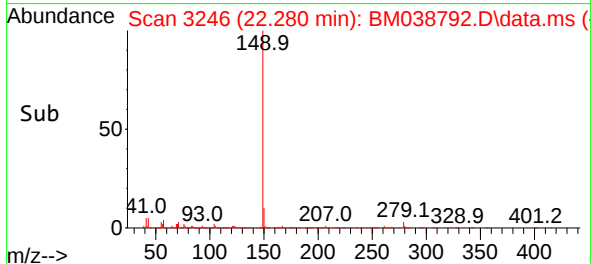
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



Tgt Ion:149 Resp: 735459
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 5.6 4.6 6.8

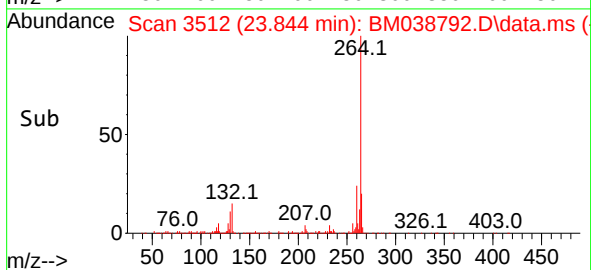
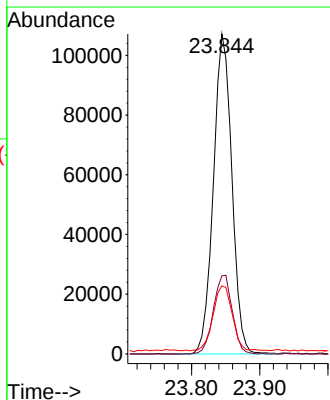
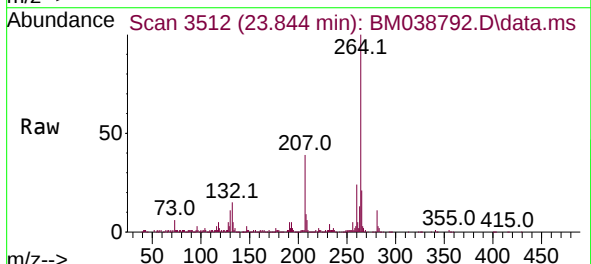
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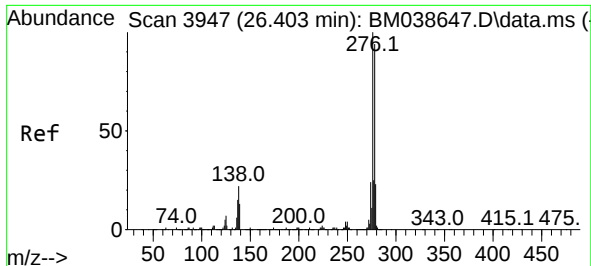
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Tgt Ion:264 Resp: 200787
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.3 17.9 26.9





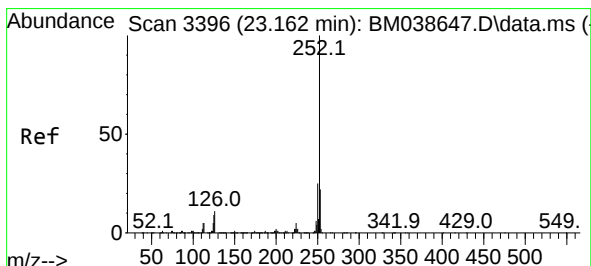
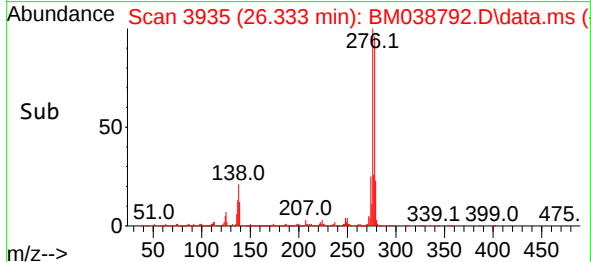
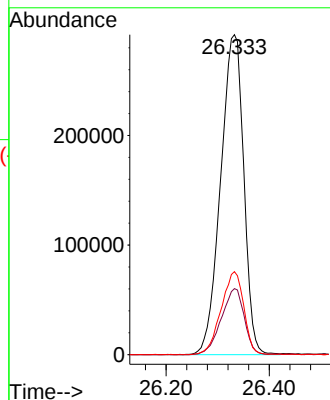
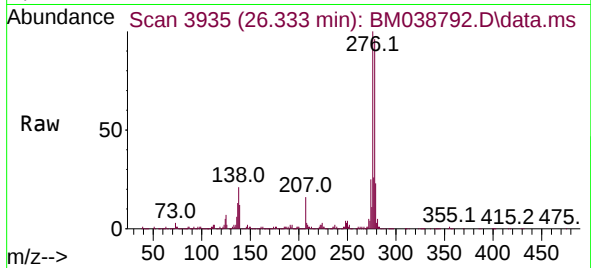
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.653 ng
RT: 26.333 min Scan# 3947
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion:276 Resp: 911793
Ion Ratio Lower Upper
276 100
138 20.5 17.2 25.8
277 25.4 20.2 30.4

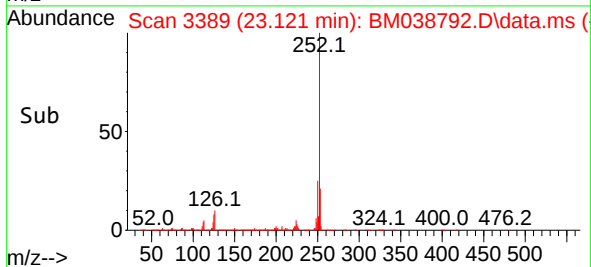
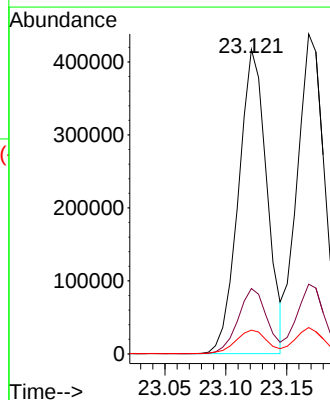
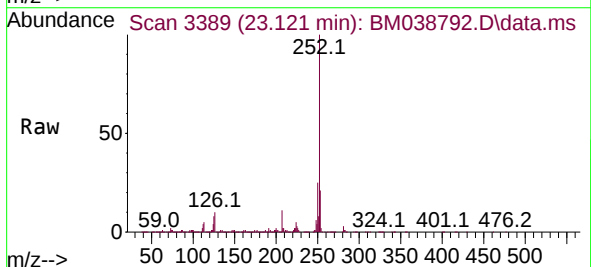
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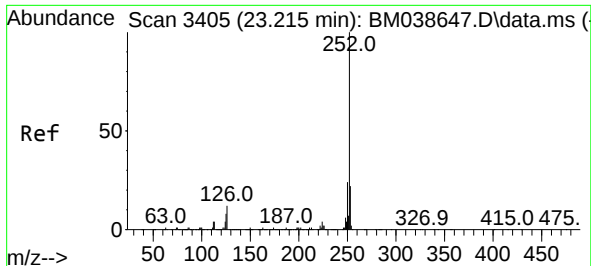
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#88
Benzo(b)fluoranthene
Concen: 56.152 ng
RT: 23.121 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Tgt Ion:252 Resp: 675305
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 7.8 7.0 10.6





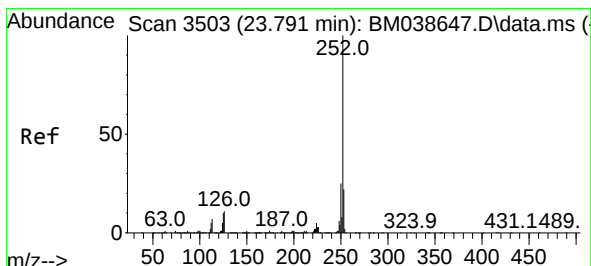
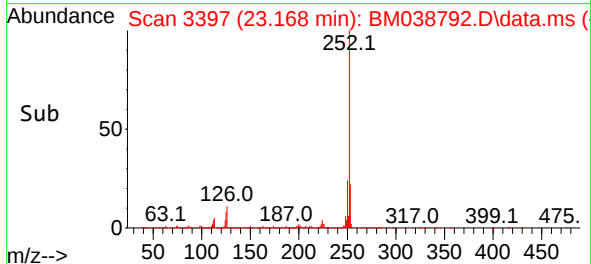
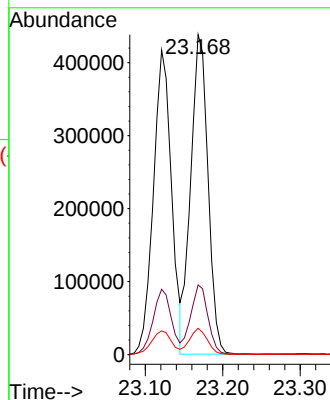
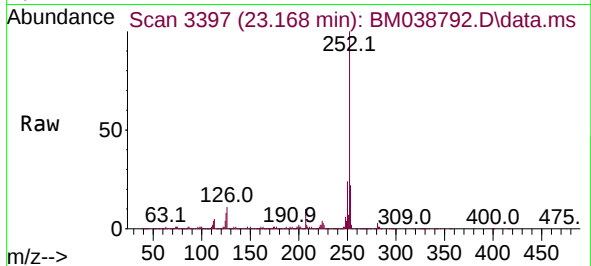
#89
Benzo(k)fluoranthene
Concen: 55.495 ng
RT: 23.168 min Scan# 33
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD

Tgt Ion:252 Resp: 677730
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.2 6.6 9.8

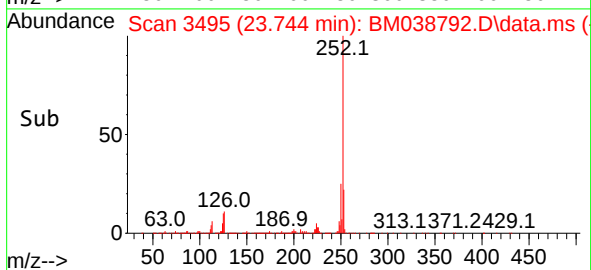
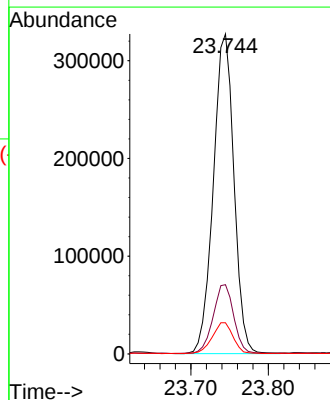
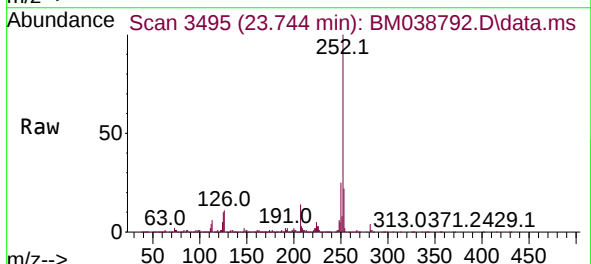
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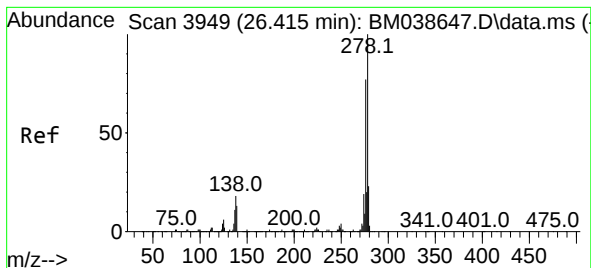
Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023



#90
Benzo(a)pyrene
Concen: 50.786 ng
RT: 23.744 min Scan# 3495
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

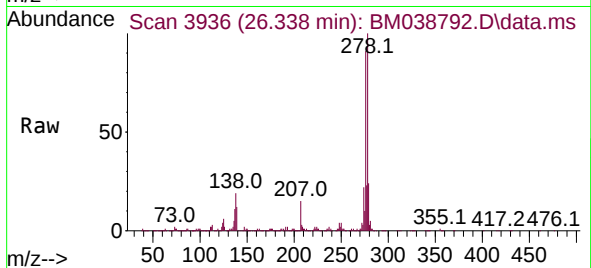
Tgt Ion:252 Resp: 603997
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.7 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 58.247 ng
RT: 26.338 min Scan# 3949
Delta R.T. -0.006 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19

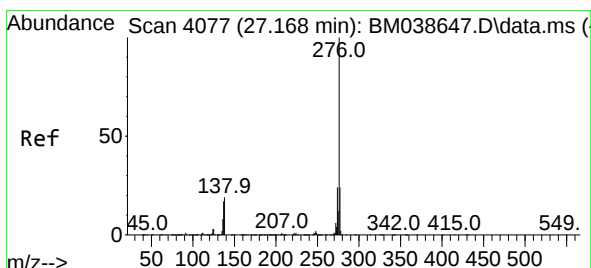
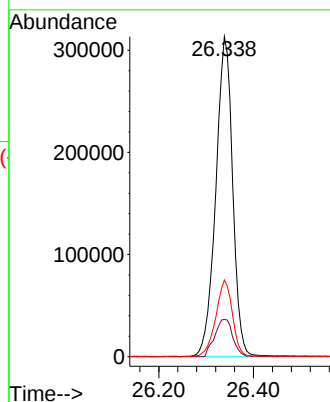
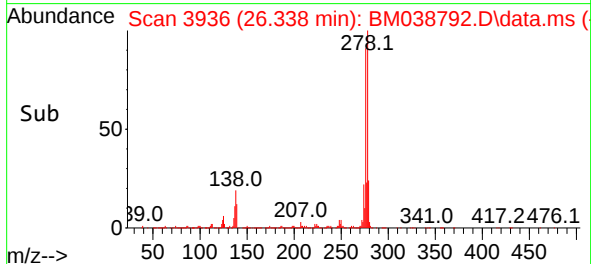
Instrument :
BNA_M
ClientSampleId :
B-26-SB01MSD



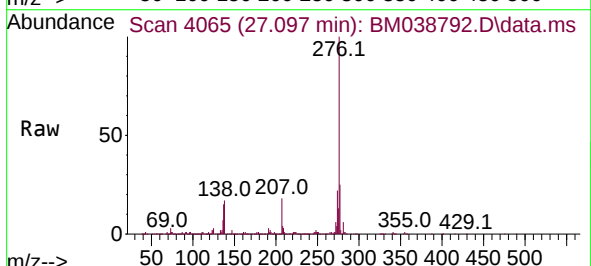
Tgt Ion: 278 Resp: 775027
Ion Ratio Lower Upper
278 100
139 11.6 10.5 15.7
279 23.9 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 02/21/2023
Supervised By : Jagrut Upadhyay 02/21/2023



#92
Benzo(g,h,i)perylene
Concen: 51.751 ng
RT: 27.097 min Scan# 4065
Delta R.T. 0.000 min
Lab File: BM038792.D
Acq: 20 Feb 2023 18:19



Tgt Ion: 276 Resp: 696053
Ion Ratio Lower Upper
276 100
277 24.7 19.1 28.7
138 17.1 15.3 22.9

