

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038691.D
 Acq On : 03 Feb 2023 22:25
 Operator : CG/JU
 Sample : 01414-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SASP2-123-2(20-30)MSD

Quant Time: Feb 04 05:23:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	65479	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	226322	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	164598	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	346957	20.000	ng	0.00
76) Chrysene-d12	21.486	240	295749	20.000	ng	0.00
86) Perylene-d12	23.880	264	367492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	373413	111.713	ng	0.00
7) Phenol-d6	7.104	99	437888	114.860	ng	0.00
23) Nitrobenzene-d5	9.098	82	265384	66.604	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	265684	118.755	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	835054	64.588	ng	0.00
79) Terphenyl-d14	19.921	244	1049062	62.595	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	54818	37.200	ng	97
3) Pyridine	3.752	79	133591	38.124	ng	98
4) n-Nitrosodimethylamine	3.663	42	64213	40.592	ng	94
6) Aniline	7.257	93	91749	19.293	ng	97
8) 2-Chlorophenol	7.487	128	181663	49.806	ng	97
9) Benzaldehyde	7.069	77	91336	54.357	ng	96
10) Phenol	7.128	94	192227	49.910	ng	94
11) bis(2-Chloroethyl)ether	7.351	93	143155	45.897	ng	98
12) 1,3-Dichlorobenzene	7.810	146	228580	49.049	ng	97
13) 1,4-Dichlorobenzene	7.957	146	233246	49.593	ng	99
14) 1,2-Dichlorobenzene	8.275	146	224166	49.752	ng	98
15) Benzyl Alcohol	8.175	79	134338m	47.875	ng	
16) 2,2'-oxybis(1-Chloropr...	8.457	45	126337	42.763	ng	97
17) 2-Methylphenol	8.381	107	136247	46.120	ng	98
18) Hexachloroethane	8.998	117	75385	49.632	ng	98
19) n-Nitroso-di-n-propyla...	8.740	70	109935	47.840	ng	98
20) 3+4-Methylphenols	8.716	107	183358	46.552	ng	98
22) Acetophenone	8.757	105	243760	45.163	ng	97
24) Nitrobenzene	9.140	77	173953	43.012	ng	95
25) Isophorone	9.669	82	304476	43.621	ng	98
26) 2-Nitrophenol	9.851	139	109116	48.486	ng	99
27) 2,4-Dimethylphenol	9.916	122	159515	49.128	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	191717	44.944	ng	98
29) 2,4-Dichlorophenol	10.387	162	225552	48.895	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	230710	47.017	ng	99
31) Naphthalene	10.787	128	537034	46.241	ng	99
32) Benzoic acid	10.075	122	127267	48.420	ng	96
33) 4-Chloroaniline	10.910	127	46103	9.058	ng	93
34) Hexachlorobutadiene	11.057	225	115028	46.795	ng	98
35) Caprolactam	11.710	113	46327m	46.631	ng	
36) 4-Chloro-3-methylphenol	12.039	107	161756	47.422	ng	96
37) 2-Methylnaphthalene	12.392	142	423754	45.151	ng	100
38) 1-Methylnaphthalene	12.610	142	396430	44.827	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	195548	45.649	ng	98
41) Hexachlorocyclopentadiene	12.728	237	103460	38.921	ng	96
43) 2,4,6-Trichlorophenol	13.004	196	162122	48.174	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	178175	44.991	ng	97
46) 1,1'-Biphenyl	13.398	154	611133	46.872	ng	100
47) 2-Chloronaphthalene	13.445	162	495134	48.259	ng	99
48) 2-Nitroaniline	13.663	65	98747	42.889	ng	96
49) Acenaphthylene	14.286	152	758653	46.946	ng	99
50) Dimethylphthalate	14.027	163	617260	45.954	ng	100
51) 2,6-Dinitrotoluene	14.157	165	130548	47.819	ng	97
52) Acenaphthene	14.627	154	449963	46.633	ng	100
53) 3-Nitroaniline	14.486	138	66816	24.221	ng	94
54) 2,4-Dinitrophenol	14.698	184	153807	86.556	ng	93
55) Dibenzofuran	14.963	168	763801	45.968	ng	98
56) 4-Nitrophenol	14.810	139	218430	99.761	ng	94
57) 2,4-Dinitrotoluene	14.939	165	184333	45.835	ng	95
58) Fluorene	15.610	166	616252	46.873	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	134219	48.695	ng	99
60) Diethylphthalate	15.380	149	604046	47.470	ng	98
61) 4-Chlorophenyl-phenyle...	15.604	204	259638	46.550	ng	98
62) 4-Nitroaniline	15.651	138	119119m	40.897	ng	
63) Azobenzene	15.892	77	447512	45.710	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	91491	41.888	ng	99
66) n-Nitrosodiphenylamine	15.821	169	517903	45.716	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	155442	46.399	ng	98
68) Hexachlorobenzene	16.610	284	201971	49.330	ng	99
69) Atrazine	16.774	200	170285	51.861	ng	98
70) Pentachlorophenol	16.963	266	253563	84.957	ng	99
71) Phenanthrene	17.351	178	963396	46.764	ng	99
72) Anthracene	17.439	178	993714	47.150	ng	99
73) Carbazole	17.715	167	935587	47.599	ng	99
74) Di-n-butylphthalate	18.268	149	1130429	50.905	ng	100
75) Fluoranthene	19.362	202	1022431	47.268	ng	100
77) Benzidine	19.557	184	493260	55.026	ng	99
78) Pyrene	19.727	202	1083418	47.581	ng	99
80) Butylbenzylphthalate	20.615	149	535656	47.284	ng	97
81) Benzo(a)anthracene	21.468	228	1005229	48.050	ng	99
82) 3,3'-Dichlorobenzidine	21.403	252	251245	34.908	ng	99
83) Chrysene	21.521	228	930085	46.143	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	807070	48.900	ng	100
85) Di-n-octyl phthalate	22.303	149	1390809	51.892	ng	99
87) Indeno(1,2,3-cd)pyrene	26.374	276	1396176	48.234	ng	100
88) Benzo(b)fluoranthene	23.150	252	1141649	51.866	ng	100
89) Benzo(k)fluoranthene	23.197	252	1095668	49.019	ng	100
90) Benzo(a)pyrene	23.774	252	982931	45.156	ng	100
91) Dibenzo(a,h)anthracene	26.385	278	1172289	48.137	ng	99
92) Benzo(g,h,i)perylene	27.138	276	1134570	46.089	ng	99

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

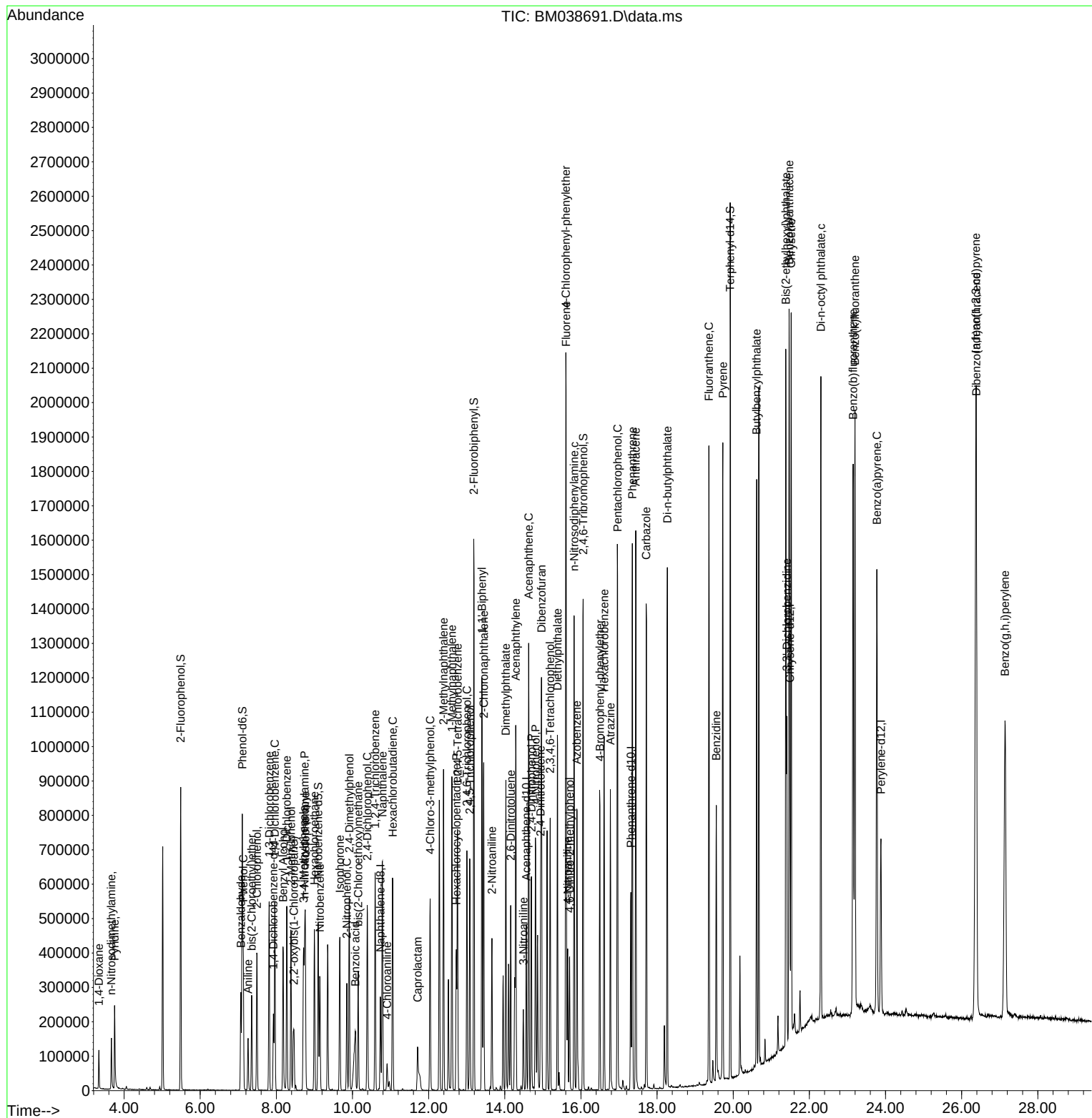
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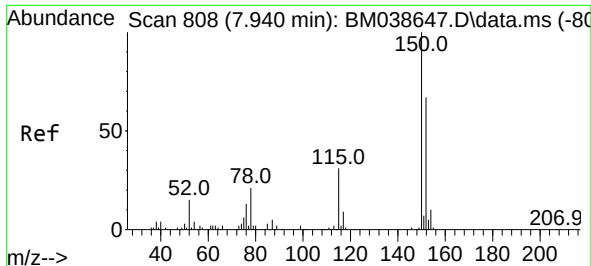
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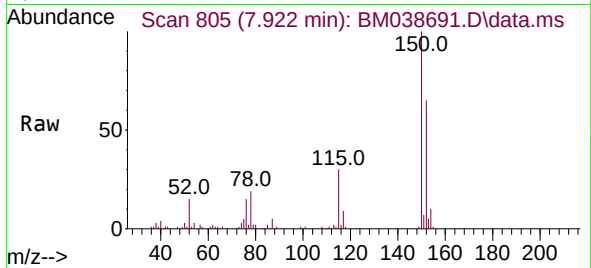
Reviewed By : Christian Giraldo 02/06/2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. -0.000 min
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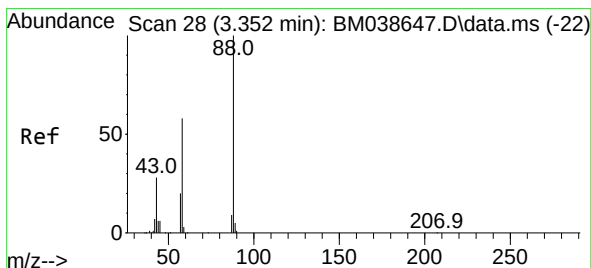
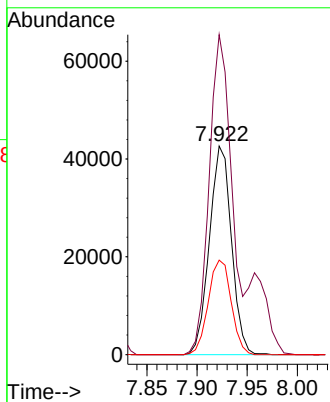
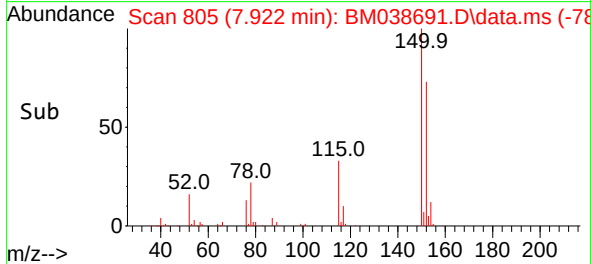
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 65479
Ion Ratio Lower Upper
152 100
150 153.5 119.5 179.3
115 45.3 37.6 56.4

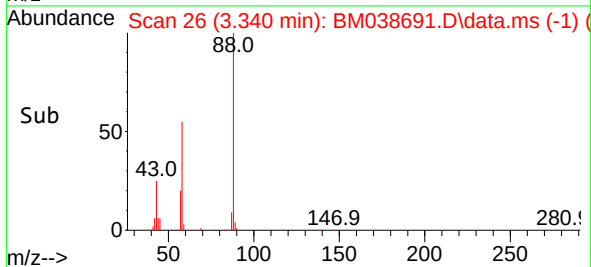
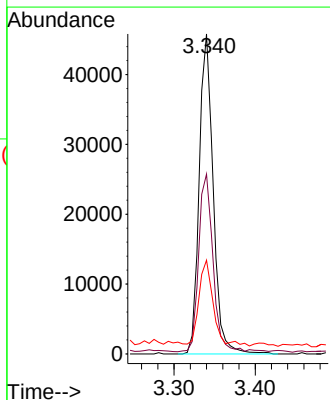
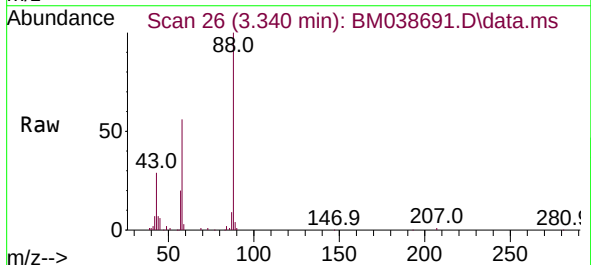
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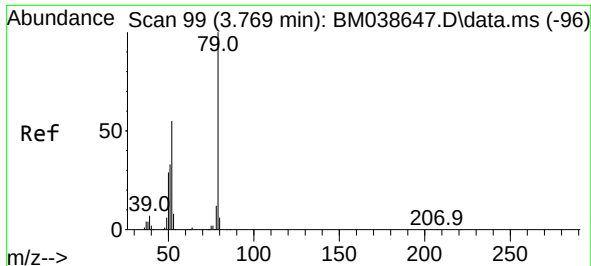
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#2
1,4-Dioxane
Concen: 37.200 ng
RT: 3.340 min Scan# 26
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

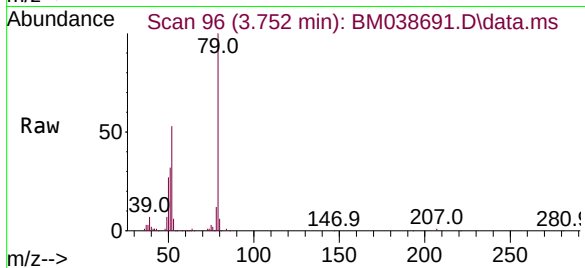
Tgt Ion: 88 Resp: 54818
Ion Ratio Lower Upper
88 100
58 56.8 47.0 70.4
43 26.3 22.6 33.8





#3
Pyridine
Concen: 38.124 ng
RT: 3.752 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

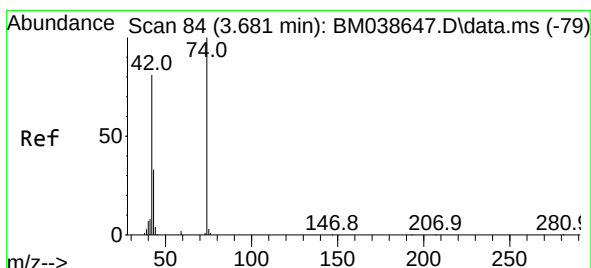
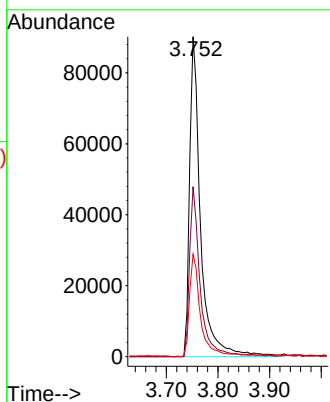
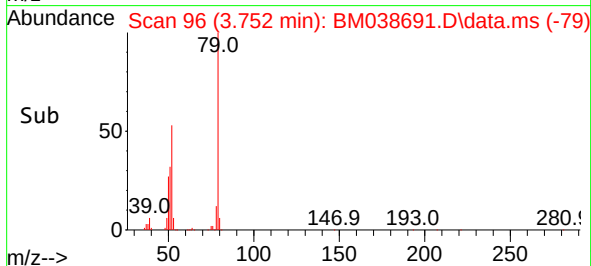
Instrument :
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ClientSampleId :
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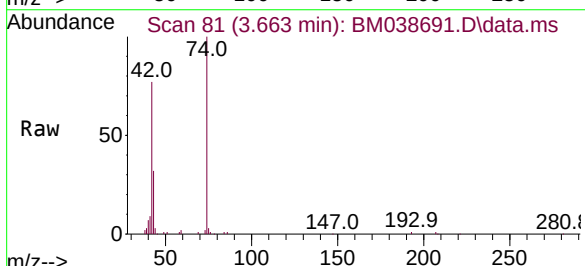
Tgt Ion: 79 Resp: 133591
Ion Ratio Lower Upper
79 100
52 53.1 43.7 65.5
51 32.0 26.6 40.0

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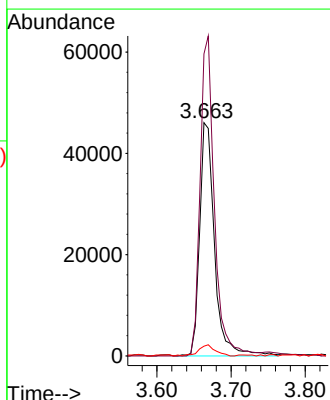
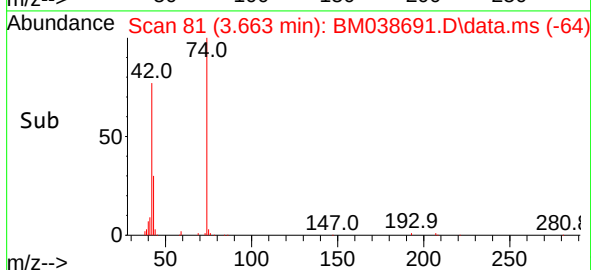
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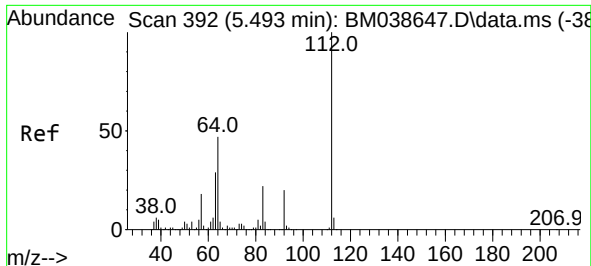


#4
n-Nitrosodimethylamine
Concen: 40.592 ng
RT: 3.663 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



Tgt Ion: 42 Resp: 64213
Ion Ratio Lower Upper
42 100
74 129.5 98.4 147.6
44 4.2 3.5 5.3





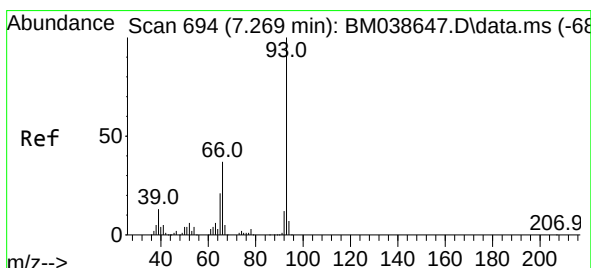
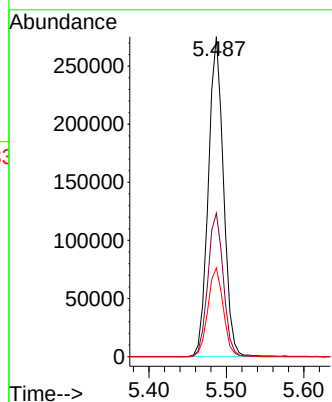
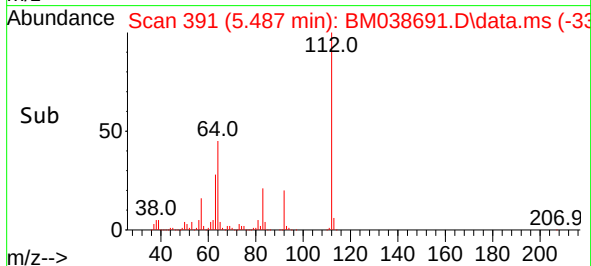
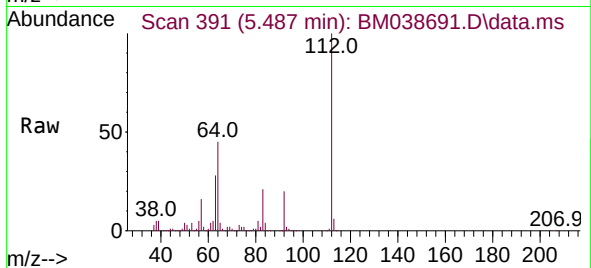
#5
2-Fluorophenol
Concen: 111.713 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

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Tgt Ion:112 Resp: 37341
Ion Ratio Lower Upper
112 100
64 44.8 37.9 56.9
63 27.7 23.3 34.9

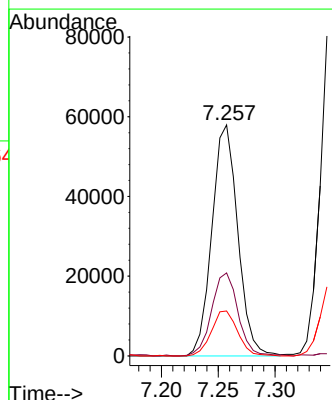
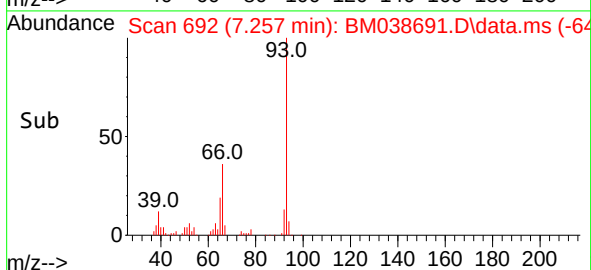
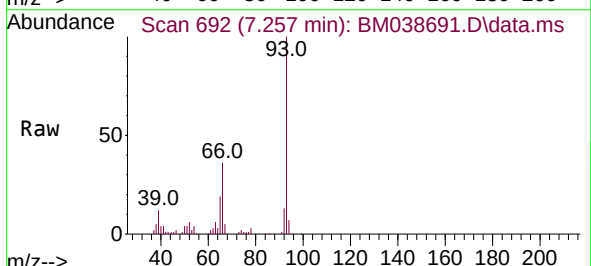
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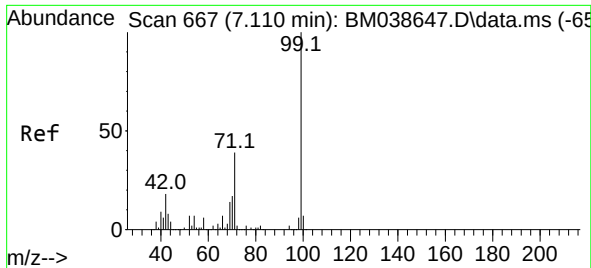
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#6
Aniline
Concen: 19.293 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

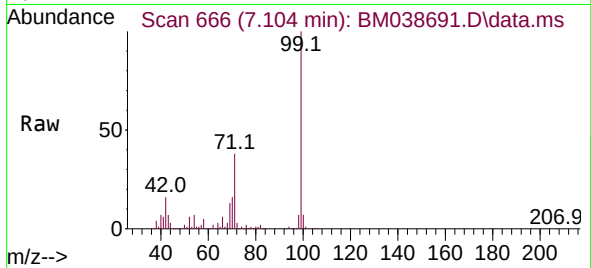
Tgt Ion: 93 Resp: 91749
Ion Ratio Lower Upper
93 100
66 35.9 29.8 44.8
65 19.4 16.9 25.3





#7
Phenol-d6
Concen: 114.860 ng
RT: 7.104 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

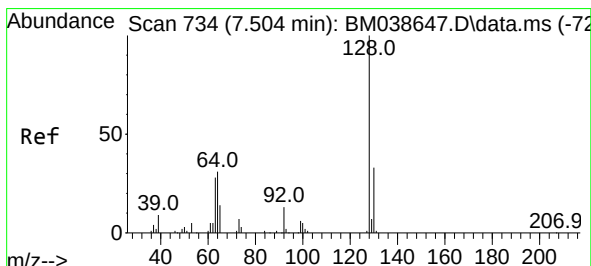
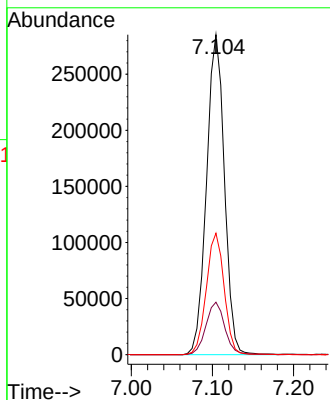
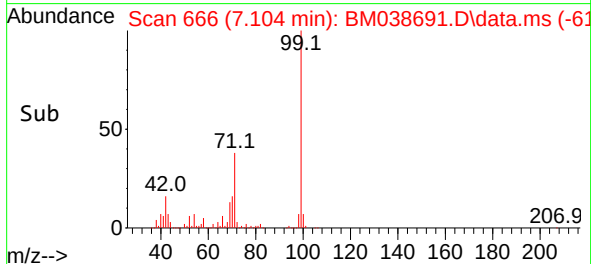
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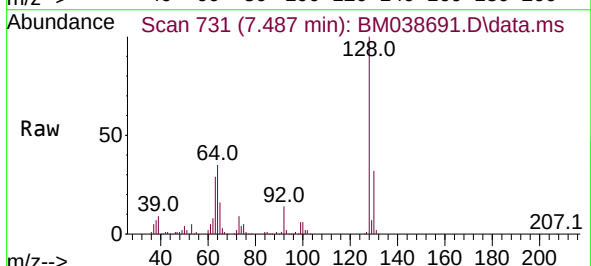
Tgt Ion: 99 Resp: 43788
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 37.9 31.0 46.4

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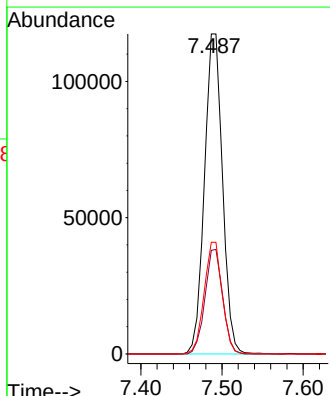
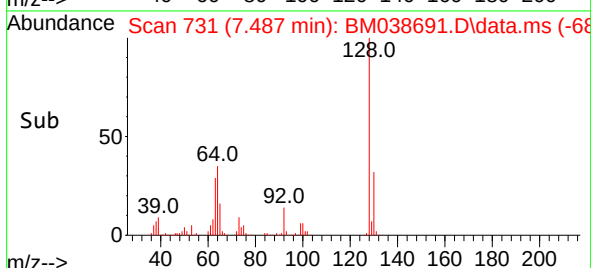
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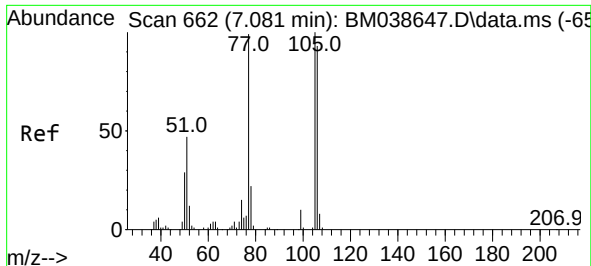


#8
2-Chlorophenol
Concen: 49.806 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



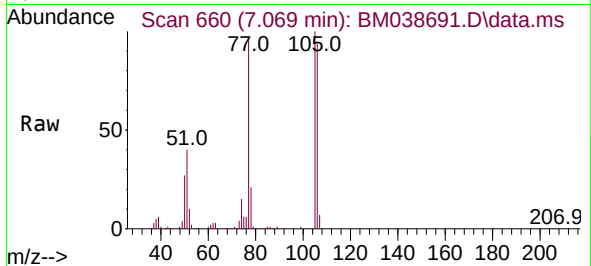
Tgt Ion:128 Resp: 181663
Ion Ratio Lower Upper
128 100
130 32.4 13.2 53.2
64 34.9 17.3 57.3





#9
Benzaldehyde
Concen: 54.357 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM038691.D
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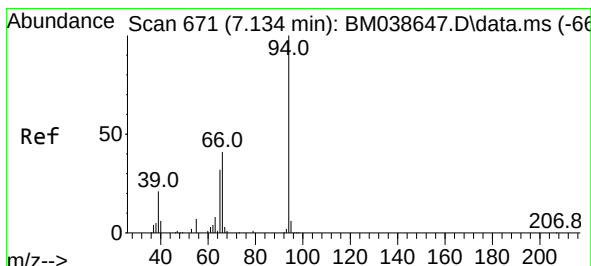
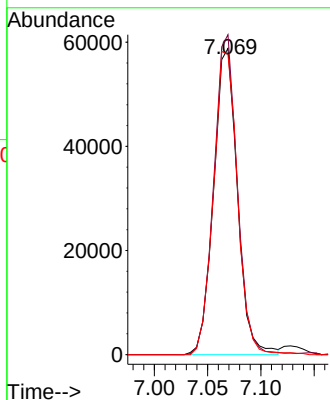
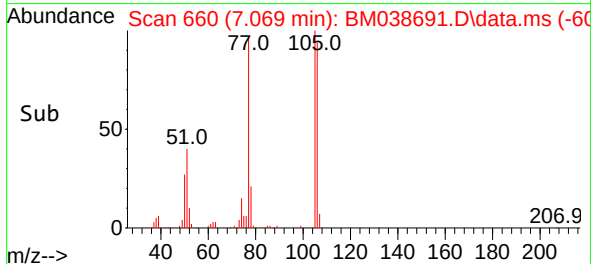
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Tgt Ion: 77 Resp: 91336
Ion Ratio Lower Upper
77 100
105 104.5 80.8 120.8
106 98.1 73.8 113.8

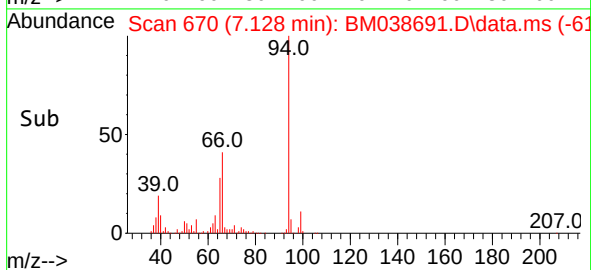
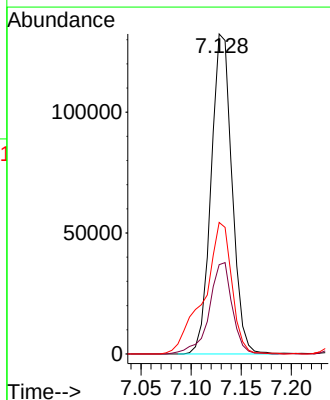
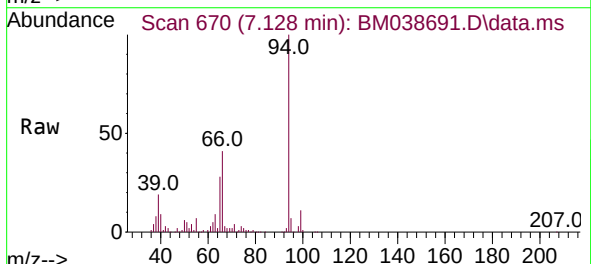
Manual Integrations
APPROVED

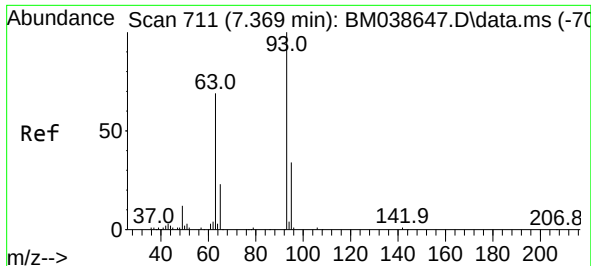
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#10
Phenol
Concen: 49.910 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Tgt Ion: 94 Resp: 192227
Ion Ratio Lower Upper
94 100
65 27.9 12.3 52.3
66 41.1 24.2 64.2





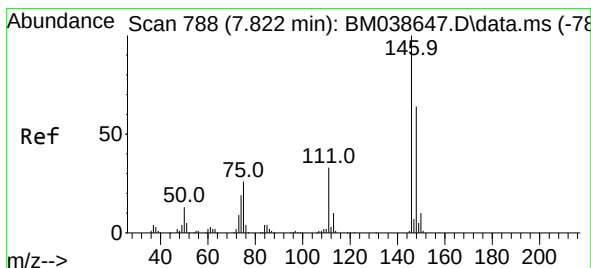
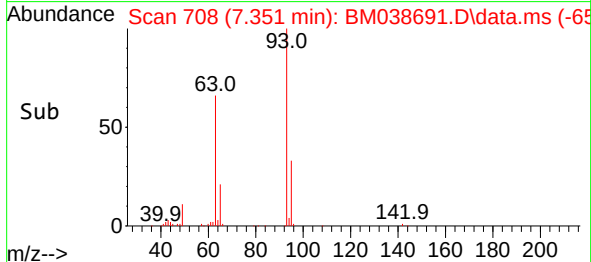
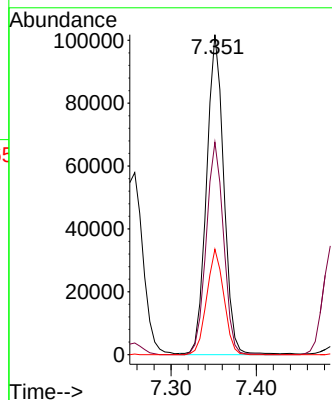
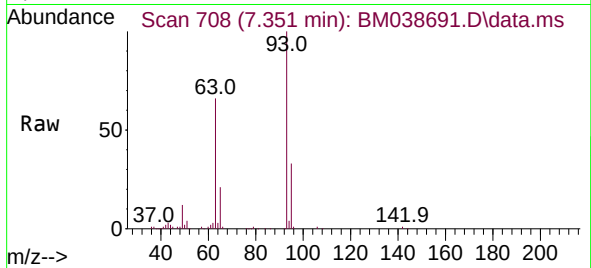
#11
bis(2-Chloroethyl)ether
Concen: 45.897 ng
RT: 7.351 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD

Tgt Ion: 93 Resp: 14315
Ion Ratio Lower Upper
93 100
63 66.4 48.5 88.5
95 33.0 13.8 53.8

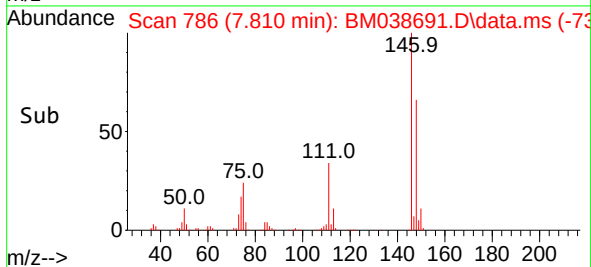
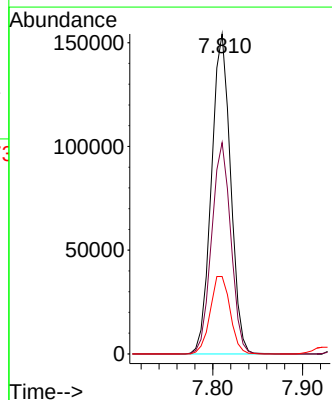
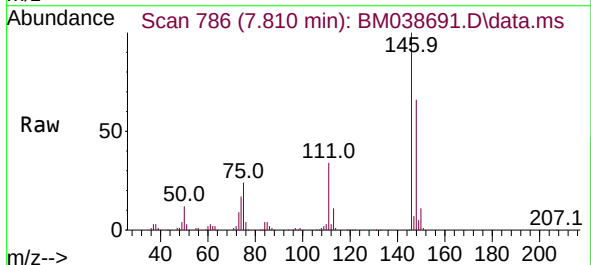
Manual Integrations
APPROVED

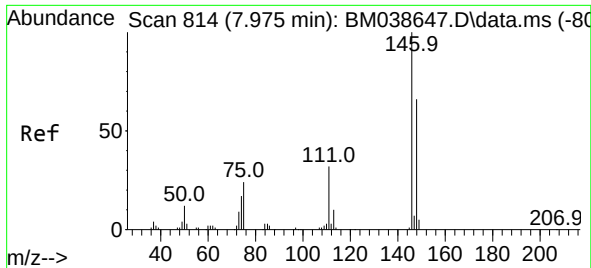
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#12
1,3-Dichlorobenzene
Concen: 49.049 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Tgt Ion:146 Resp: 228580
Ion Ratio Lower Upper
146 100
148 66.0 51.5 77.3
75 24.2 21.1 31.7





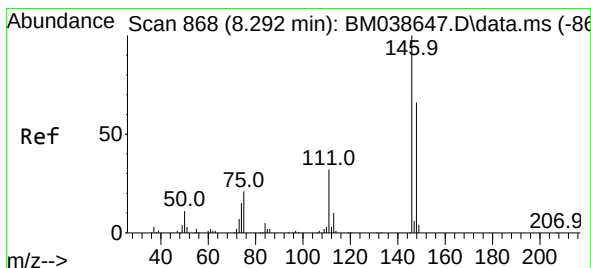
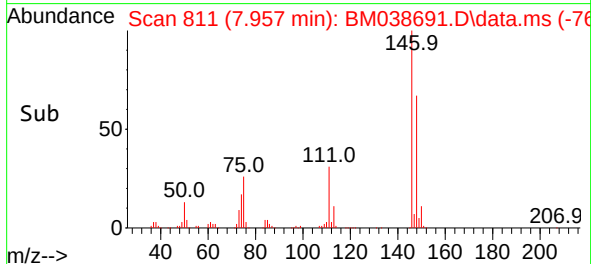
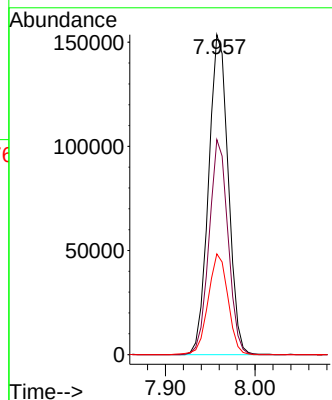
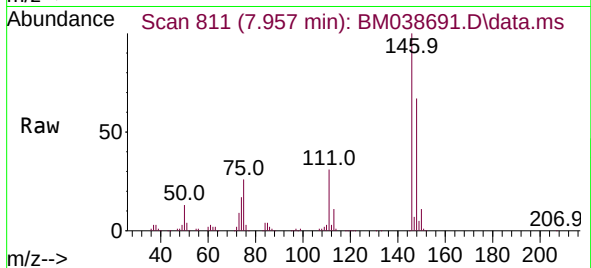
#13
1,4-Dichlorobenzene
Concen: 49.593 ng
RT: 7.957 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD

Tgt Ion:146 Resp: 233246
Ion Ratio Lower Upper
146 100
148 67.2 53.1 79.7
111 31.5 25.9 38.9

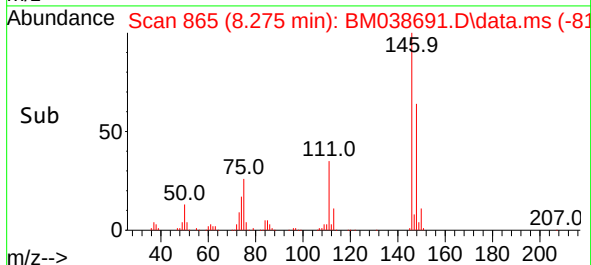
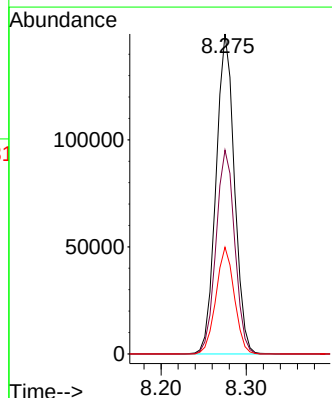
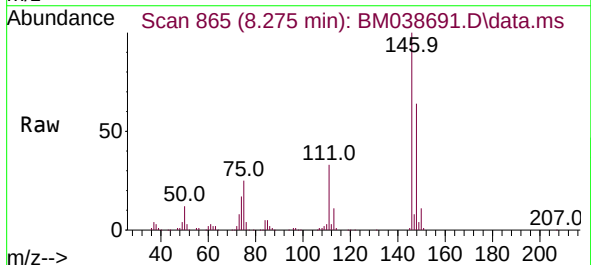
Manual Integrations
APPROVED

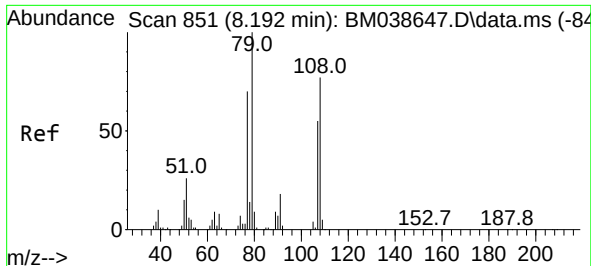
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#14
1,2-Dichlorobenzene
Concen: 49.752 ng
RT: 8.275 min Scan# 865
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

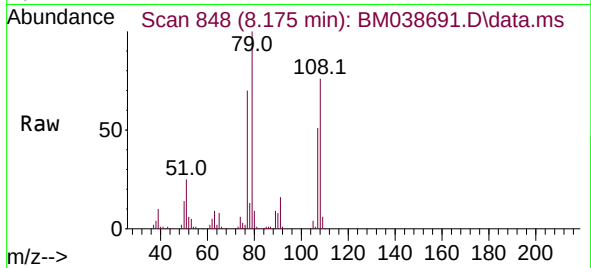
Tgt Ion:146 Resp: 224166
Ion Ratio Lower Upper
146 100
148 63.7 52.9 79.3
111 33.3 26.2 39.2





#15
Benzyl Alcohol
Concen: 47.875 ng m
RT: 8.175 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

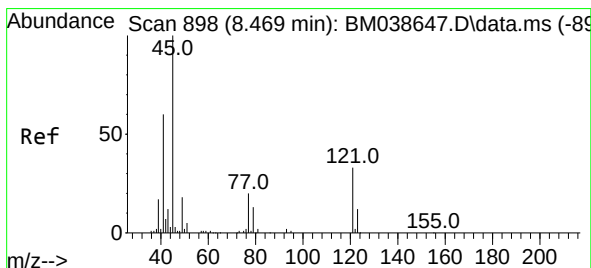
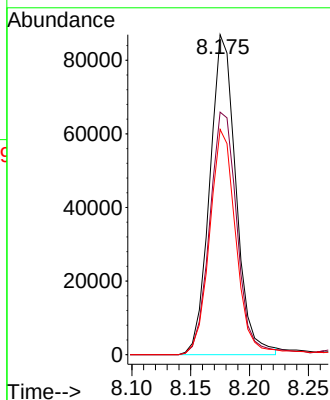
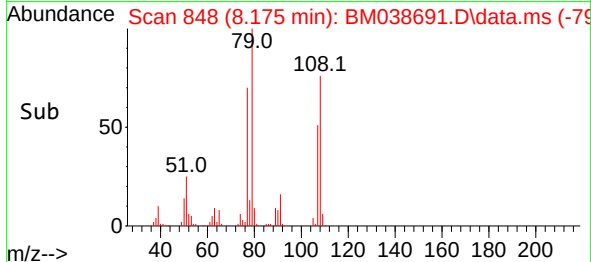
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion: 79 Resp: 134338
Ion Ratio Lower Upper
79 100
108 75.8 61.9 92.9
77 70.4 55.8 83.8

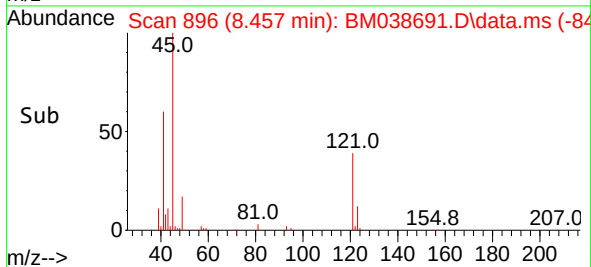
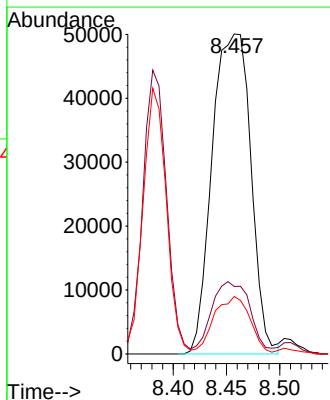
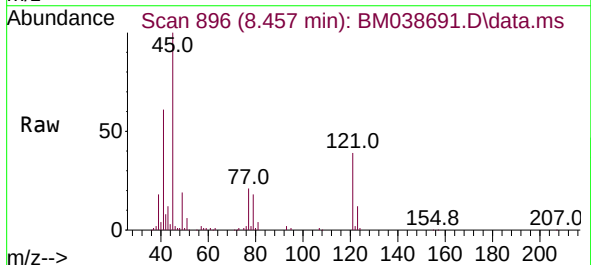
Manual Integrations
APPROVED

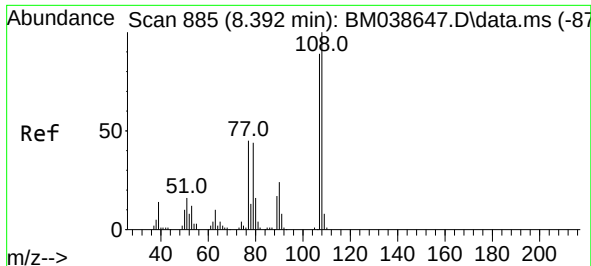
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.763 ng
RT: 8.457 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Tgt Ion: 45 Resp: 126337
Ion Ratio Lower Upper
45 100
77 21.1 1.1 41.1
79 17.9 0.0 34.6





#17

2-Methylphenol

Concen: 46.120 ng

RT: 8.381 min Scan# 885

Delta R.T. -0.000 min

Lab File: BM038691.D

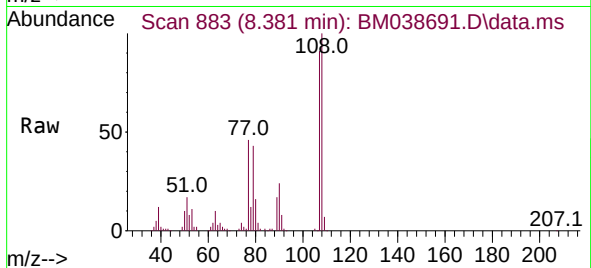
Acq: 03 Feb 2023 22:25

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MSD



Tgt Ion:107 Resp: 13624

Ion Ratio Lower Upper

107 100

108 109.9 89.6 134.4

77 50.4 40.7 61.1

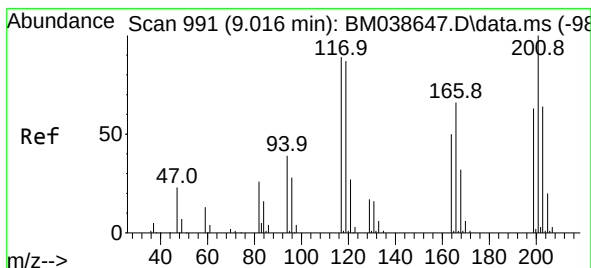
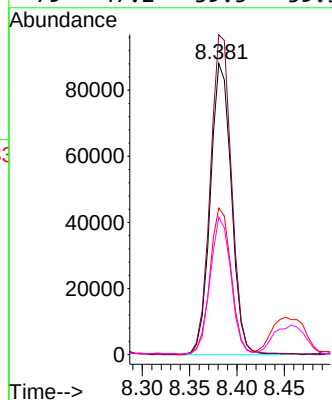
79 47.2 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#18

Hexachloroethane

Concen: 49.632 ng

RT: 8.998 min Scan# 988

Delta R.T. -0.000 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

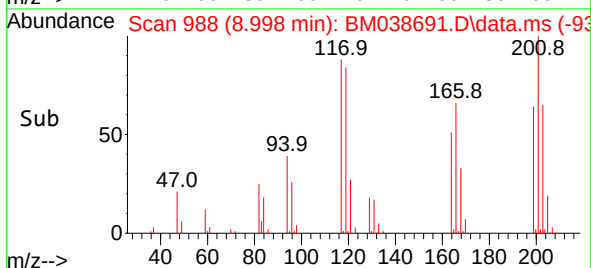
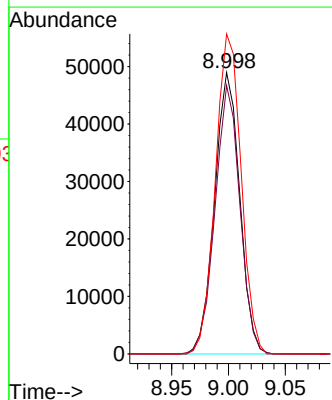
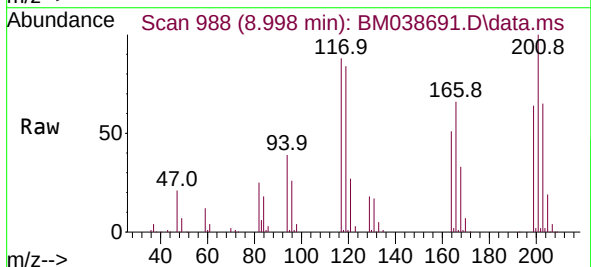
Tgt Ion:117 Resp: 75385

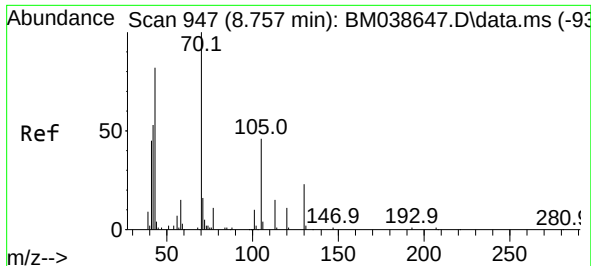
Ion Ratio Lower Upper

117 100

119 95.4 78.6 117.8

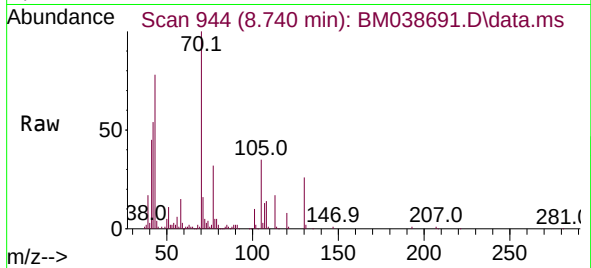
201 113.7 90.2 135.2





#19
n-Nitroso-di-n-propylamine
Concen: 47.840 ng
RT: 8.740 min Scan# 94
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

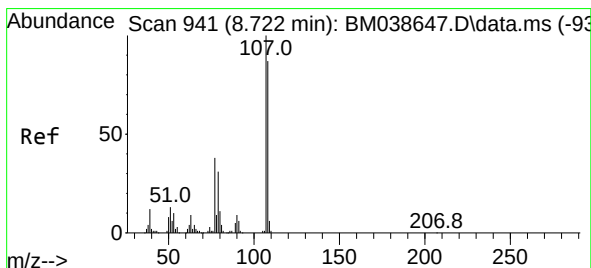
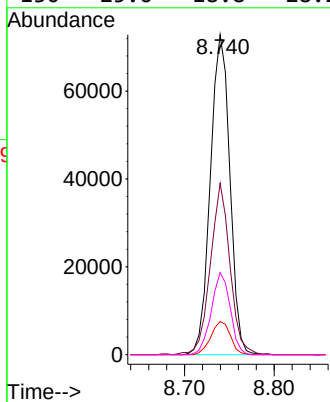
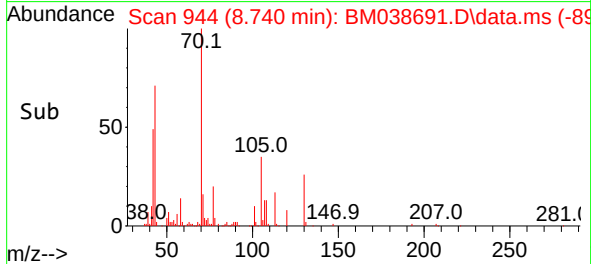
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion: 70 Resp: 109935
Ion Ratio Lower Upper
70 100
42 53.5 43.4 65.2
101 10.3 8.2 12.2
130 25.6 18.8 28.2

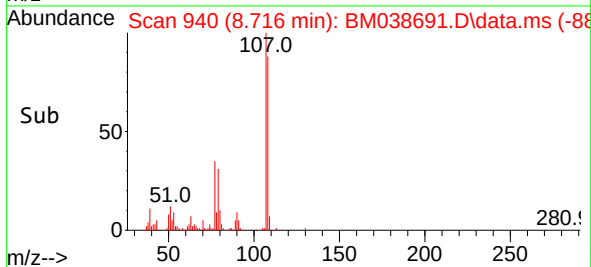
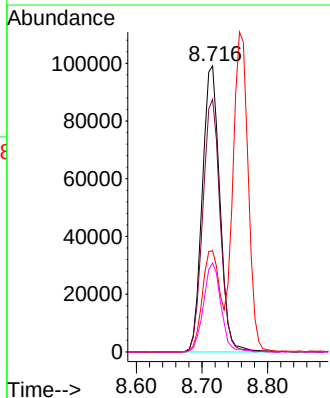
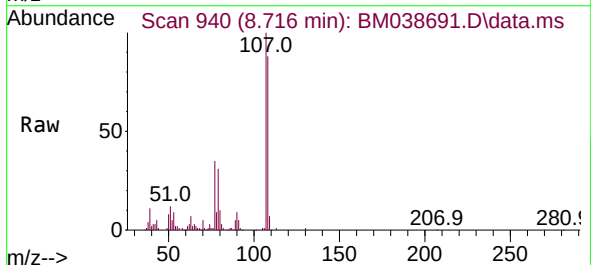
Manual Integrations
APPROVED

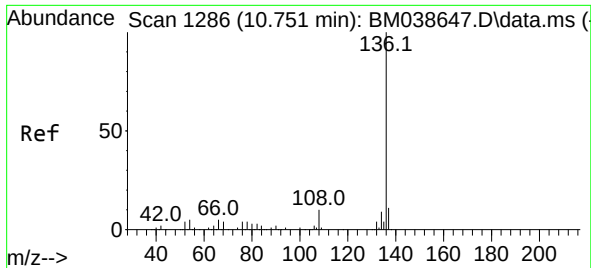
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#20
3+4-Methylphenols
Concen: 46.552 ng
RT: 8.716 min Scan# 940
Delta R.T. 0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

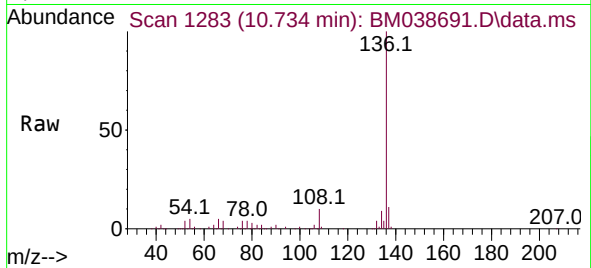
Tgt Ion:107 Resp: 183358
Ion Ratio Lower Upper
107 100
108 88.3 67.2 107.2
77 35.4 17.5 57.5
79 31.1 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD

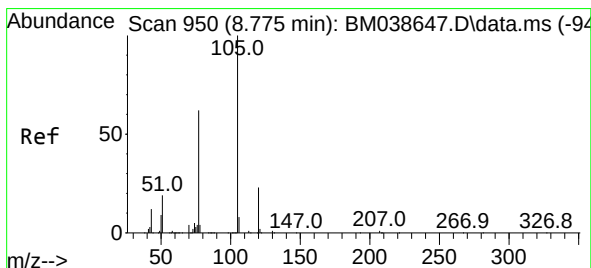
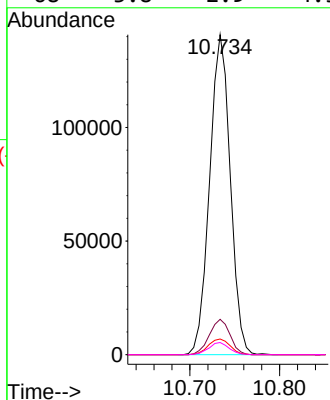
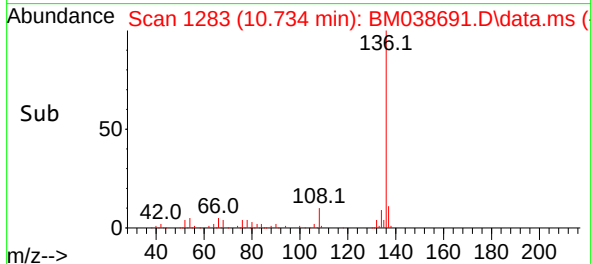


Tgt Ion:136 Resp: 226322

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.9	4.2	6.4
68	3.8	2.9	4.3

Manual Integrations
APPROVED

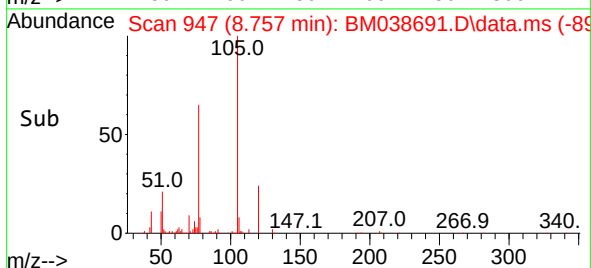
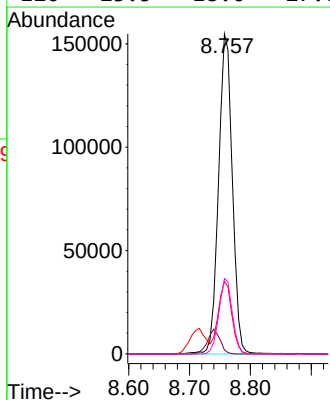
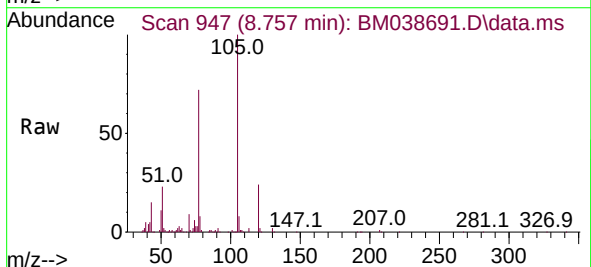
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

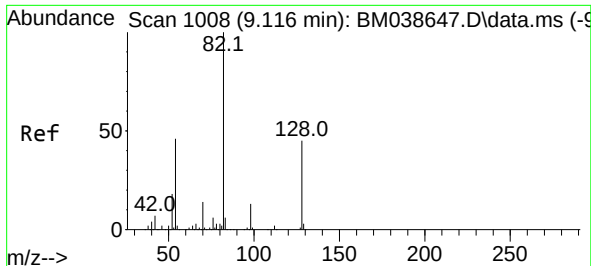


#22
Acetophenone
Concen: 45.163 ng
RT: 8.757 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Tgt Ion:105 Resp: 243760

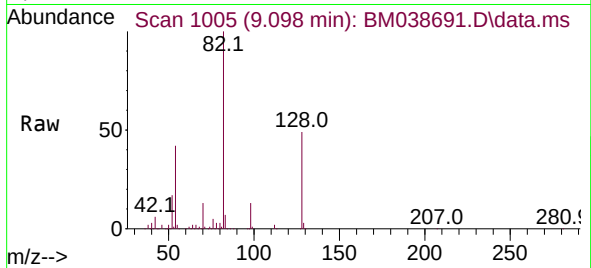
Ion	Ratio	Lower	Upper
105	100		
71	1.2	0.9	1.3
51	22.6	19.3	28.9
120	23.5	18.0	27.0





#23
Nitrobenzene-d5
Concen: 66.604 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

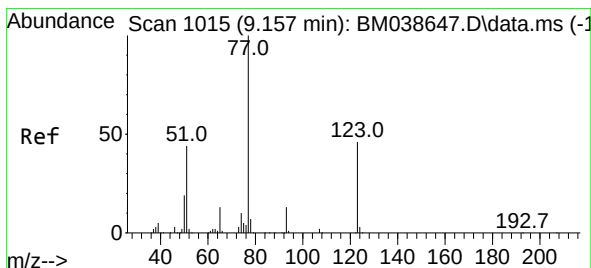
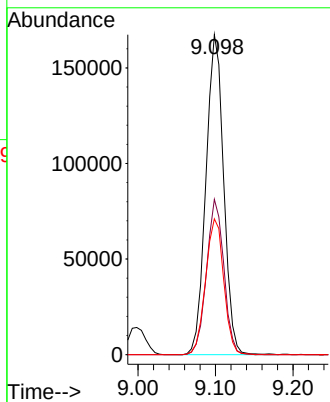
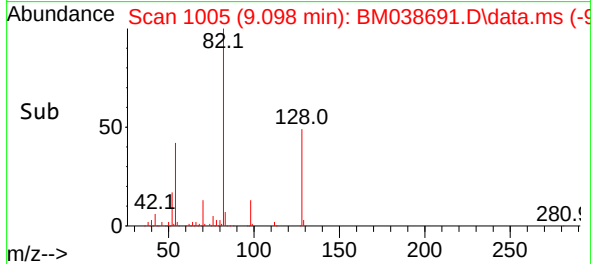
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



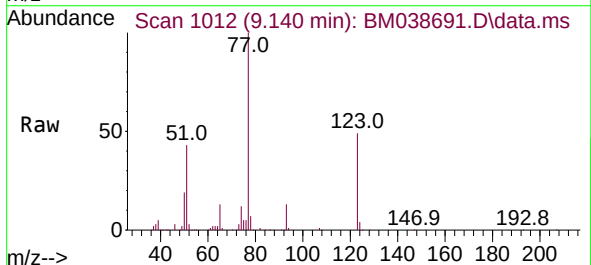
Tgt Ion: 82 Resp: 265384
Ion Ratio Lower Upper
82 100
128 48.5 36.0 54.0
54 42.4 36.8 55.2

Manual Integrations
APPROVED

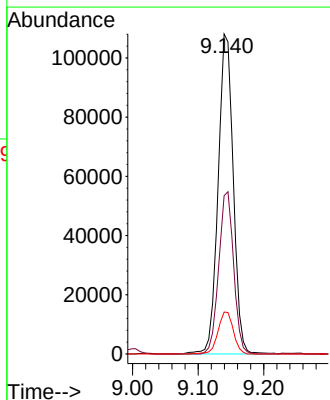
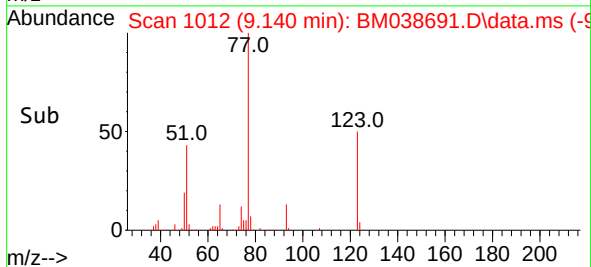
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

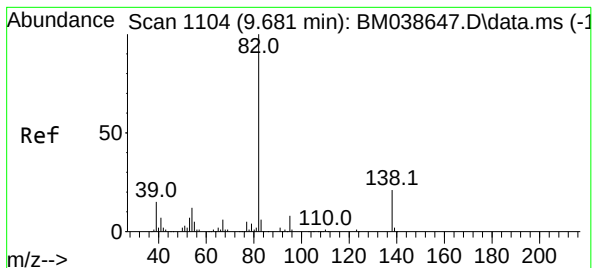


#24
Nitrobenzene
Concen: 43.012 ng
RT: 9.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



Tgt Ion: 77 Resp: 173953
Ion Ratio Lower Upper
77 100
123 49.4 36.5 54.7
65 13.1 10.7 16.1





#25

Isophorone

Concen: 43.621 ng

RT: 9.669 min Scan# 1102

Delta R.T. 0.006 min

Lab File: BM038691.D

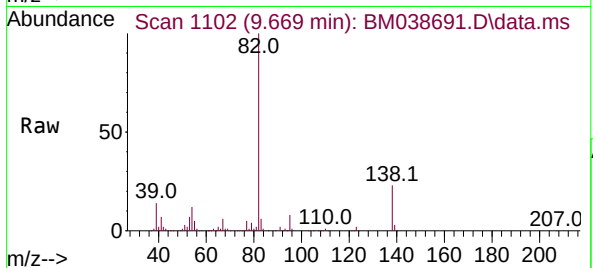
Acq: 03 Feb 2023 22:25

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MSD



Tgt Ion: 82 Resp: 304476

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

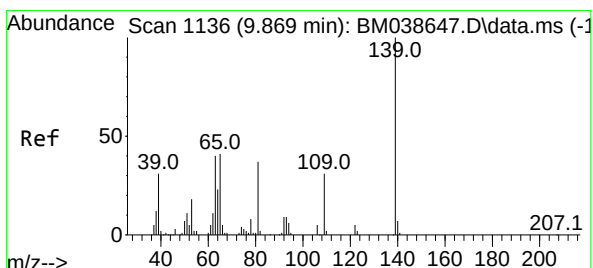
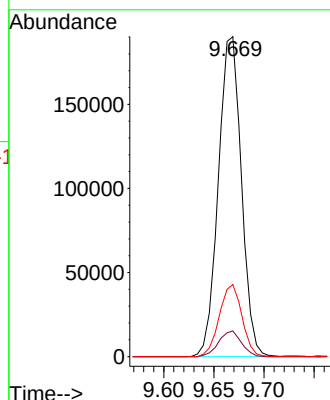
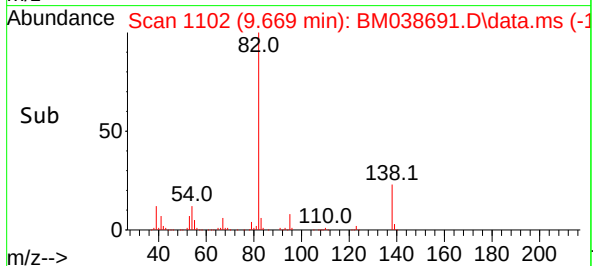
138 22.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#26

2-Nitrophenol

Concen: 48.486 ng

RT: 9.851 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

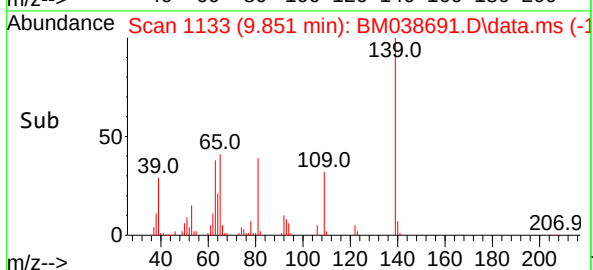
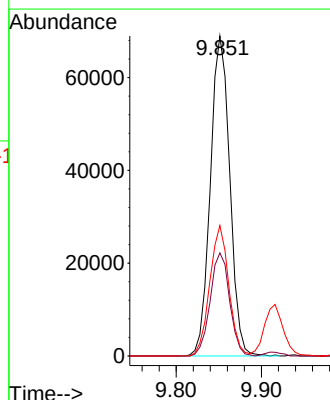
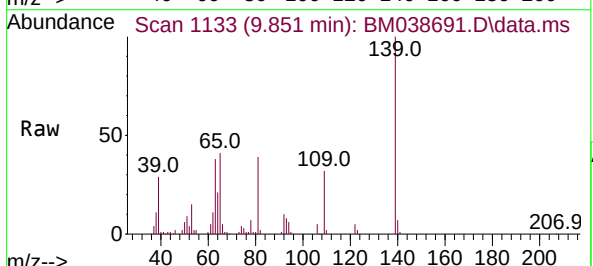
Tgt Ion:139 Resp: 109116

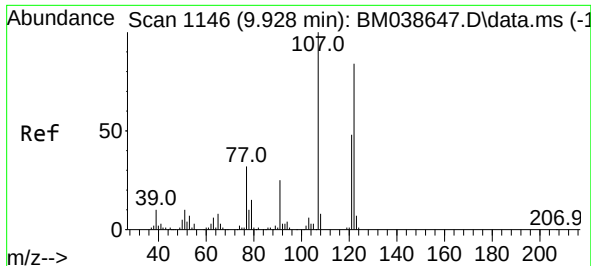
Ion Ratio Lower Upper

139 100

109 32.2 24.5 36.7

65 40.7 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 49.128 ng

RT: 9.916 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BM038691.D

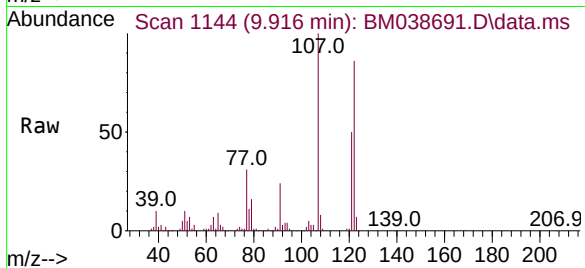
Acq: 03 Feb 2023 22:25

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MSD



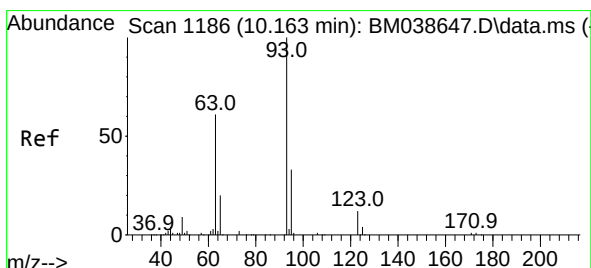
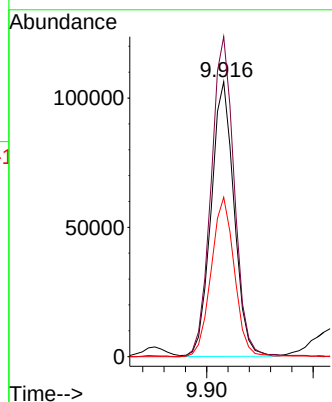
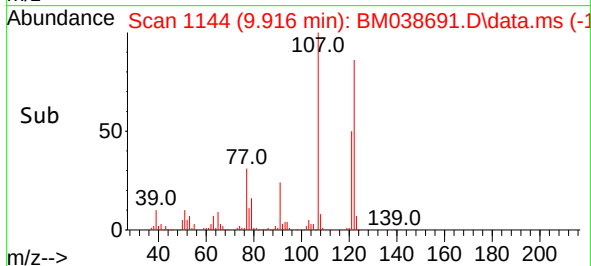
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.5	94.9	142.3
121	58.0	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.944 ng

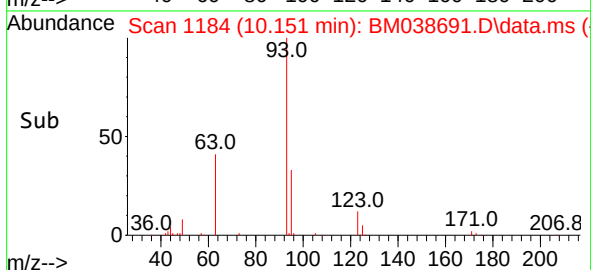
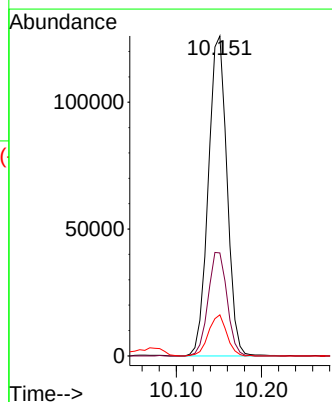
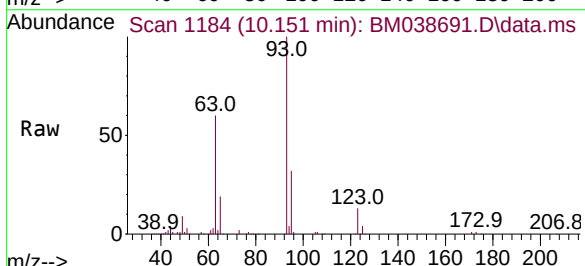
RT: 10.151 min Scan# 1184

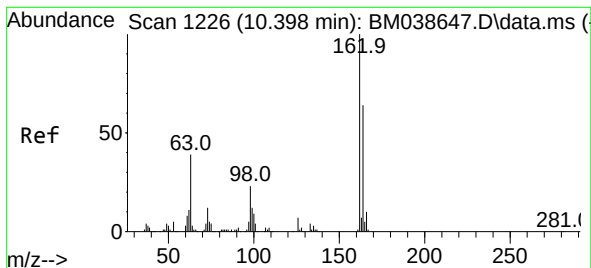
Delta R.T. -0.000 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

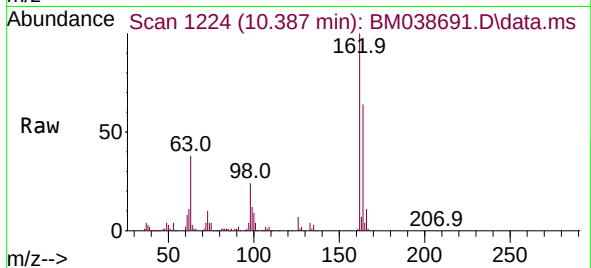
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	40.0
123	12.8	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 48.895 ng
RT: 10.387 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

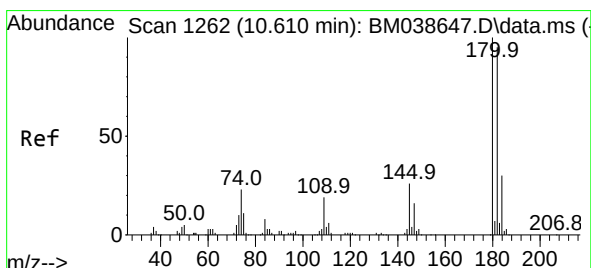
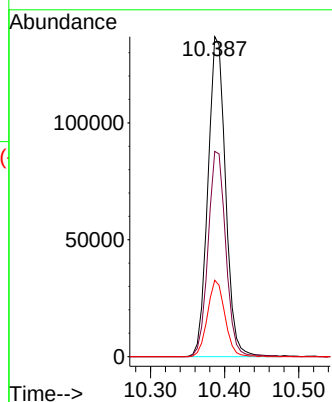
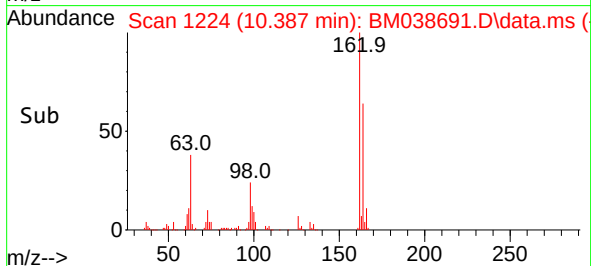
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



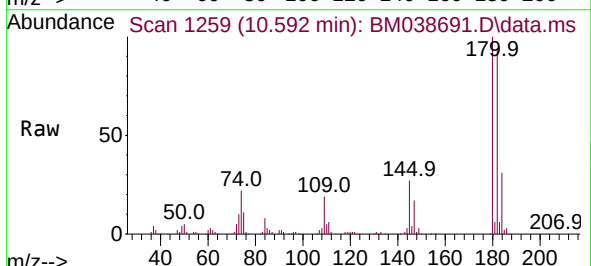
Tgt Ion:162 Resp: 225552
Ion Ratio Lower Upper
162 100
164 64.1 44.3 84.3
98 23.9 3.1 43.1

Manual Integrations
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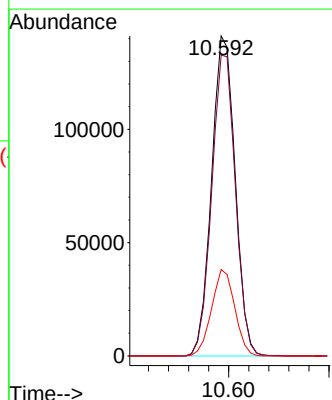
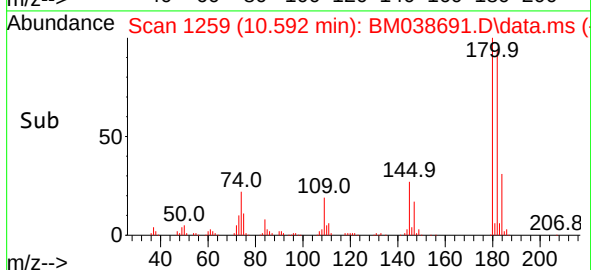
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

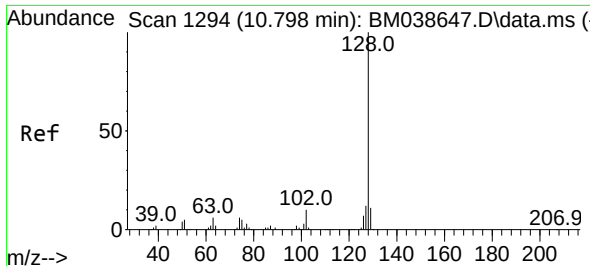


#30
1,2,4-Trichlorobenzene
Concen: 47.017 ng
RT: 10.592 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



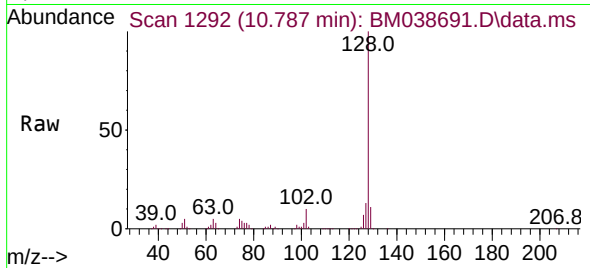
Tgt Ion:180 Resp: 230710
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
145 27.0 20.8 31.2





#31
Naphthalene
Concen: 46.241 ng
RT: 10.787 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

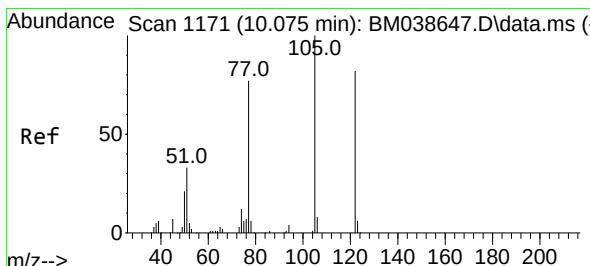
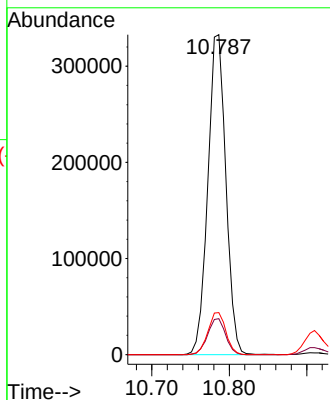
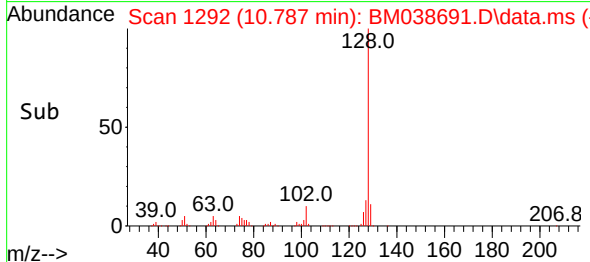
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:128 Resp: 537034
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.1 9.9 14.9

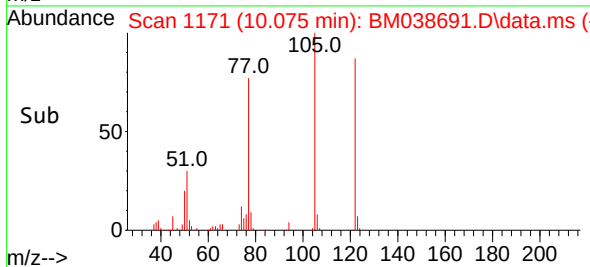
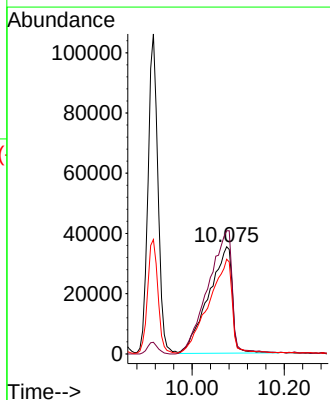
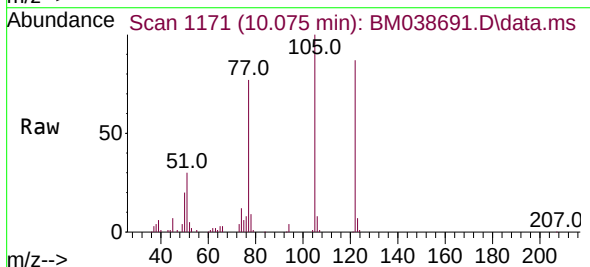
Manual Integrations
APPROVED

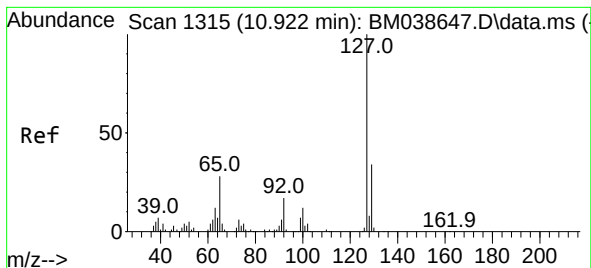
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#32
Benzoic acid
Concen: 48.420 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Tgt Ion:122 Resp: 127267
Ion Ratio Lower Upper
122 100
105 115.0 99.2 139.2
77 88.4 72.3 112.3





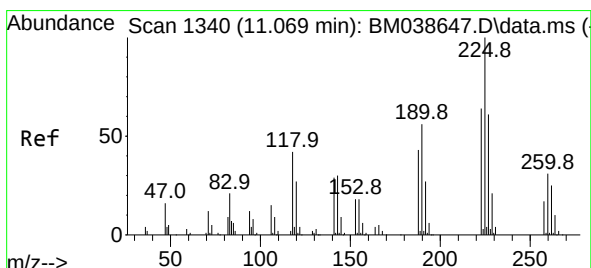
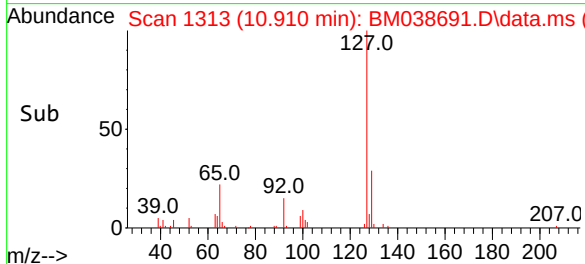
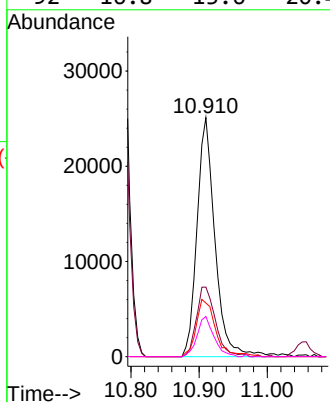
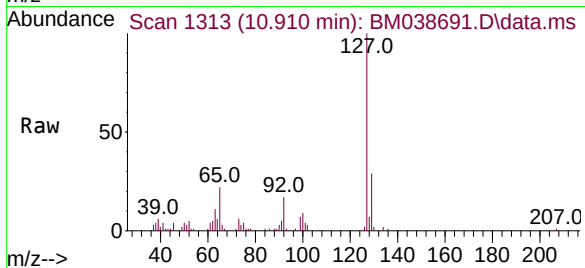
#33
4-Chloroaniline
Concen: 9.058 ng
RT: 10.910 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD

Tgt Ion:	127	Resp:	46103
Ion Ratio	Lower	Upper	
127	100		
129	29.1	27.1	40.7
65	22.4	22.2	33.4
92	16.8	13.6	20.4

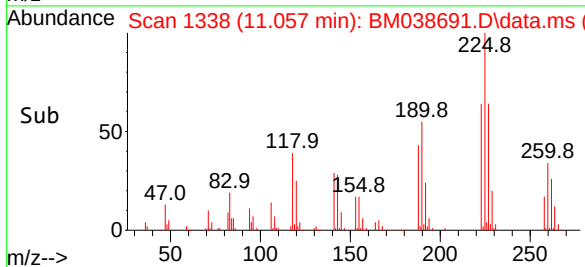
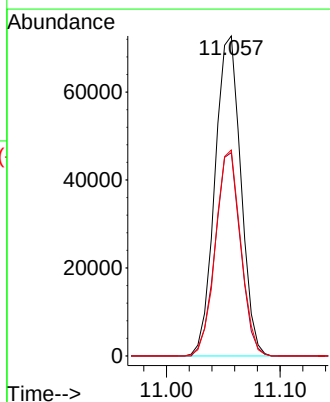
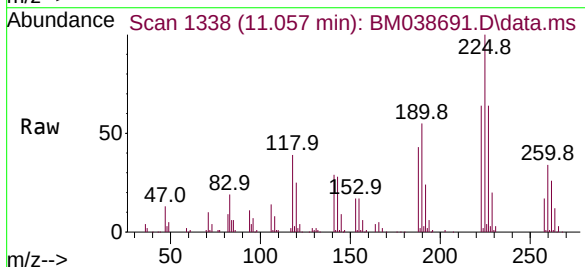
Manual Integrations
APPROVED

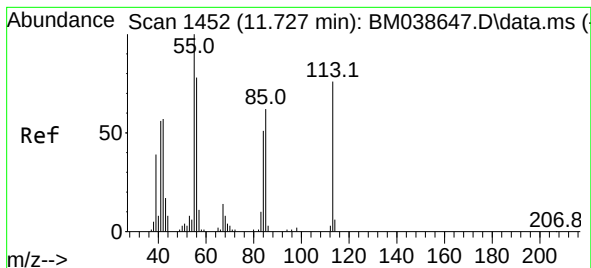
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#34
Hexachlorobutadiene
Concen: 46.795 ng
RT: 11.057 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

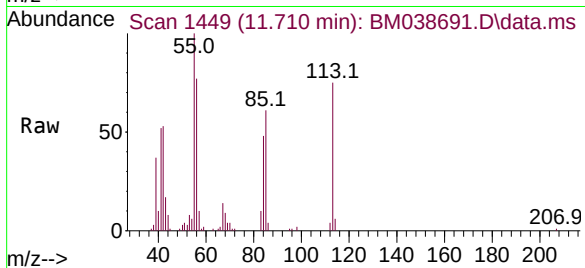
Tgt Ion:	225	Resp:	115028
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.0	76.4
227	64.3	49.2	73.8





#35
 Caprolactam
 Concen: 46.631 ng m
 RT: 11.710 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: BM038691.D
 Acq: 03 Feb 2023 22:25

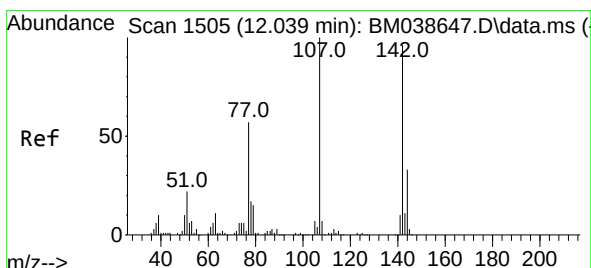
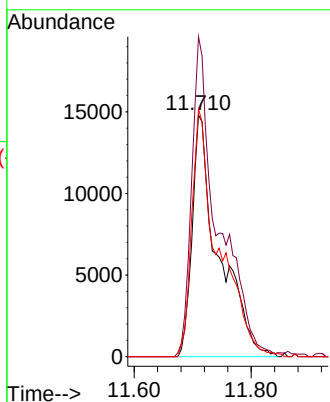
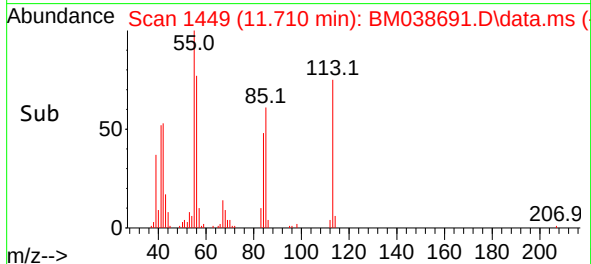
Instrument :
 BNA_M
 ClientSampleId :
 SASP2-123-2(20-30)MSD



Tgt Ion:113 Resp: 46327
 Ion Ratio Lower Upper
 113 100
 55 132.5 111.2 151.2
 56 102.6 82.0 122.0

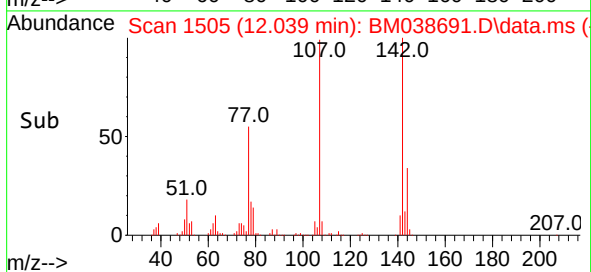
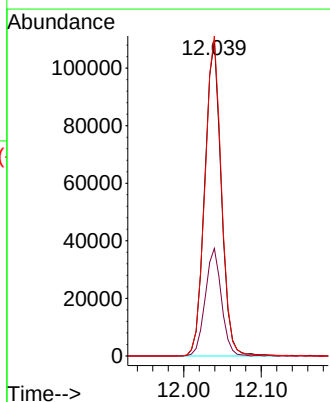
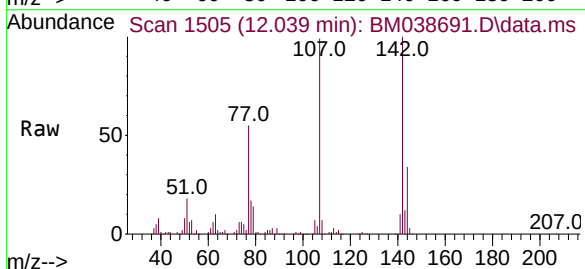
Manual Integrations
 APPROVED

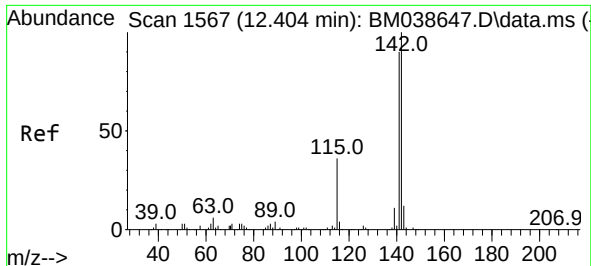
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023



#36
 4-Chloro-3-methylphenol
 Concen: 47.422 ng
 RT: 12.039 min Scan# 1505
 Delta R.T. 0.006 min
 Lab File: BM038691.D
 Acq: 03 Feb 2023 22:25

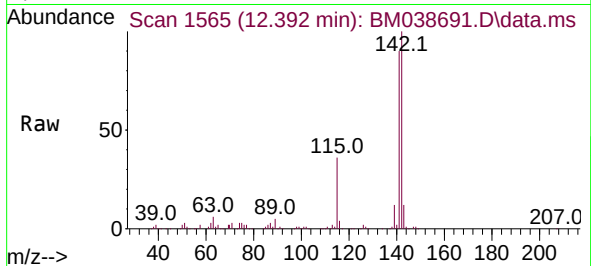
Tgt Ion:107 Resp: 161756
 Ion Ratio Lower Upper
 107 100
 144 34.1 26.5 39.7
 142 101.4 77.0 115.6





#37
2-Methylnaphthalene
Concen: 45.151 ng
RT: 12.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

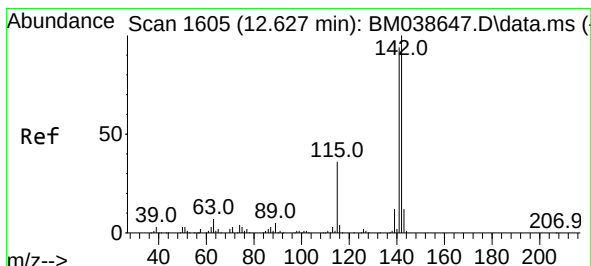
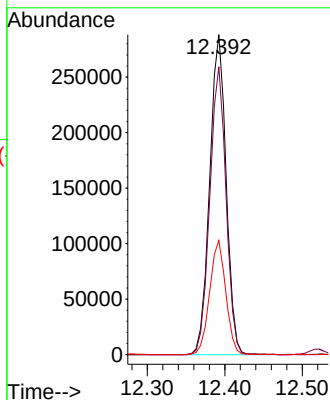
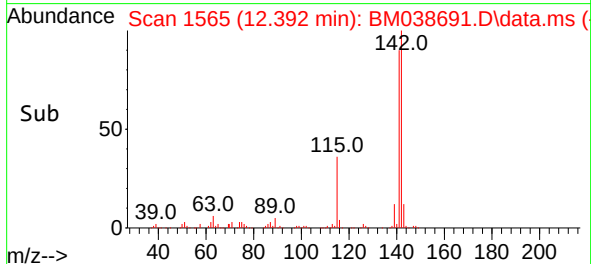
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:142 Resp: 423754
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8
115 35.7 28.7 43.1

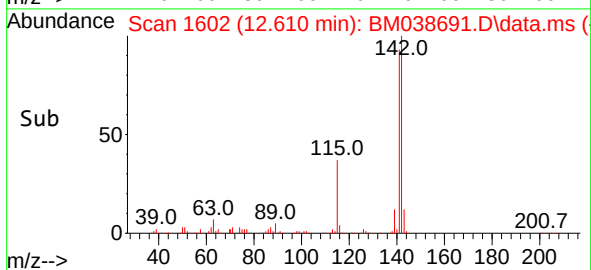
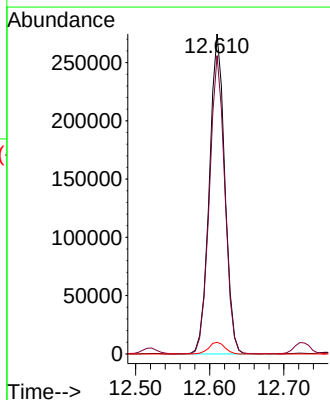
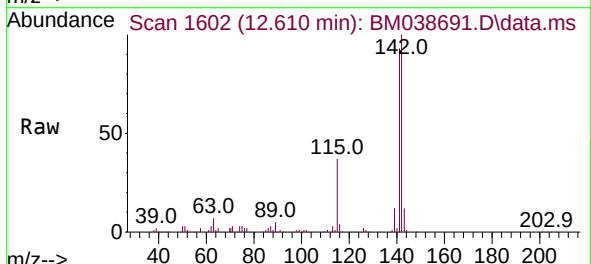
Manual Integrations
APPROVED

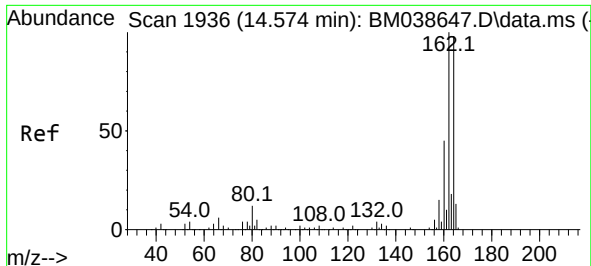
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#38
1-Methylnaphthalene
Concen: 44.827 ng
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

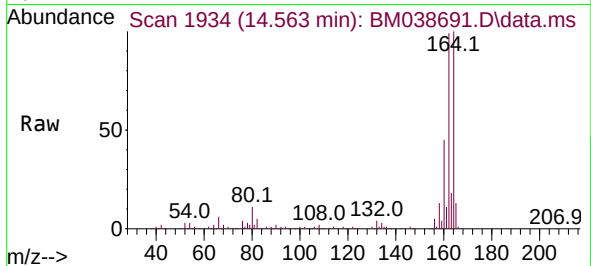
Tgt Ion:142 Resp: 396430
Ion Ratio Lower Upper
142 100
141 93.2 75.5 113.3
116 3.6 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

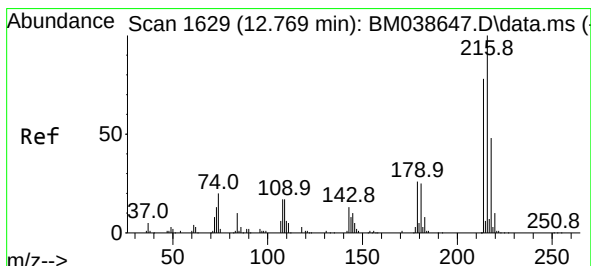
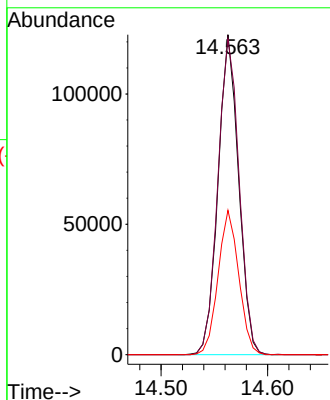
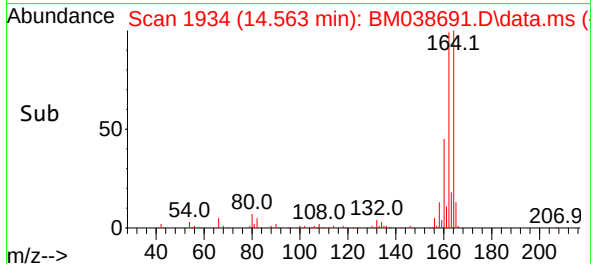
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:164 Resp: 164598
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 45.1 36.5 54.7

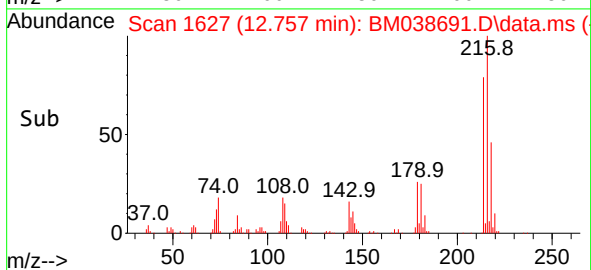
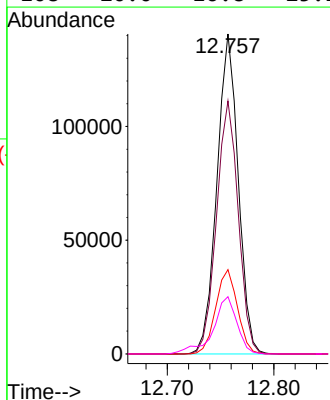
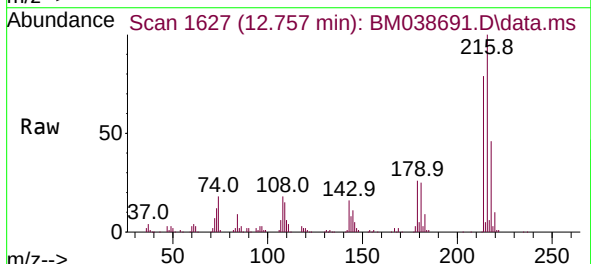
Manual Integrations
APPROVED

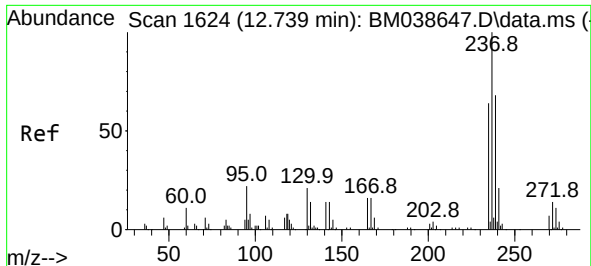
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.649 ng
RT: 12.757 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

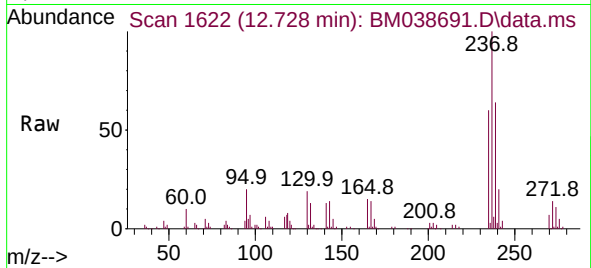
Tgt Ion:216 Resp: 195548
Ion Ratio Lower Upper
216 100
214 80.7 63.4 95.0
179 26.8 21.0 31.4
108 20.0 16.8 25.2





#41
Hexachlorocyclopentadiene
Concen: 38.921 ng
RT: 12.728 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

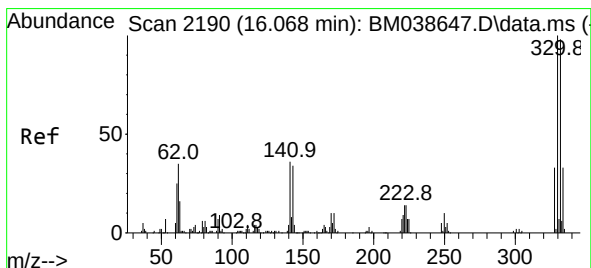
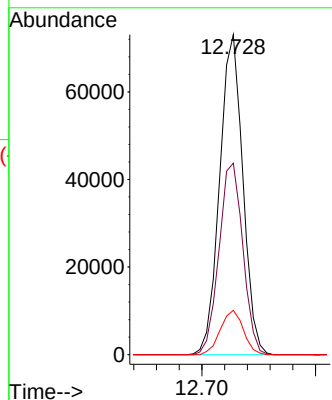
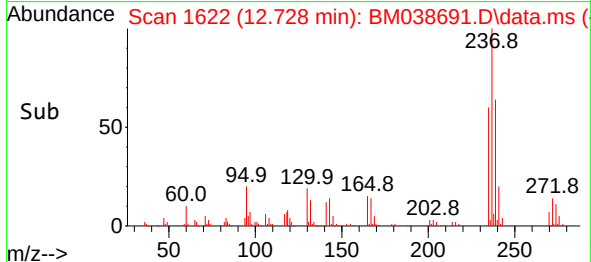
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



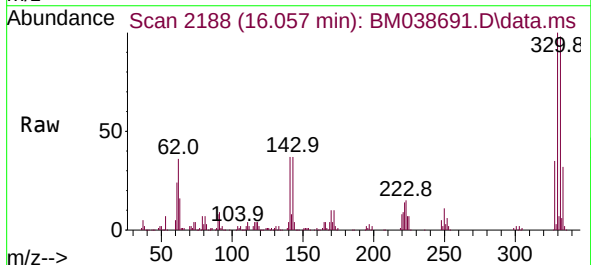
Tgt Ion:237 Resp: 103460
Ion Ratio Lower Upper
237 100
235 59.8 43.8 83.8
272 13.8 0.0 33.8

Manual Integrations
APPROVED

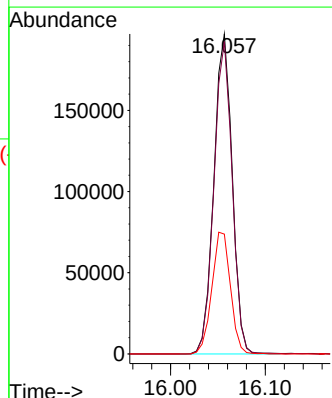
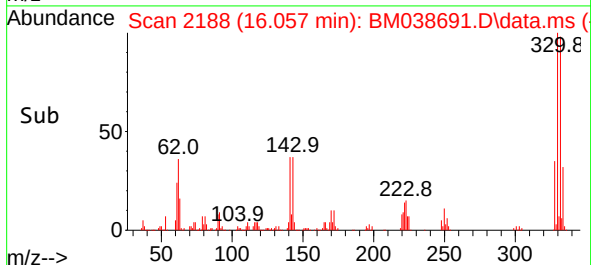
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

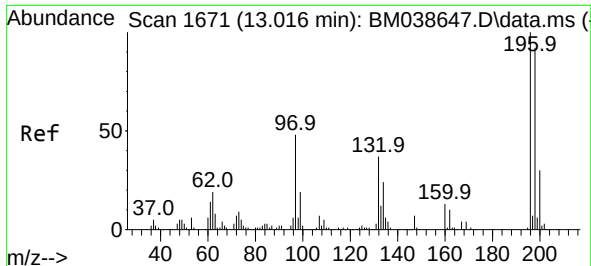


#42
2,4,6-Tribromophenol
Concen: 118.755 ng
RT: 16.057 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



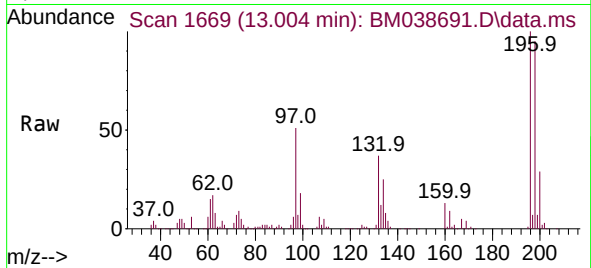
Tgt Ion:330 Resp: 265684
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 38.5 31.0 46.6





#43
2,4,6-Trichlorophenol
Concen: 48.174 ng
RT: 13.004 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

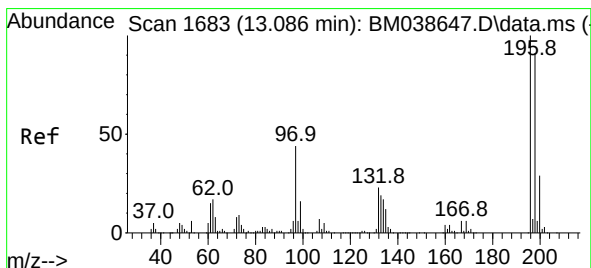
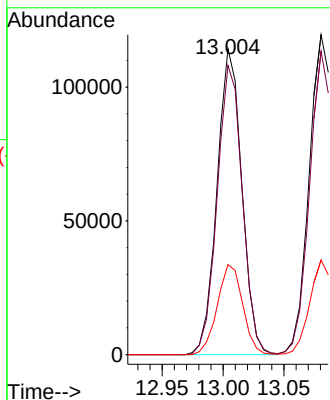
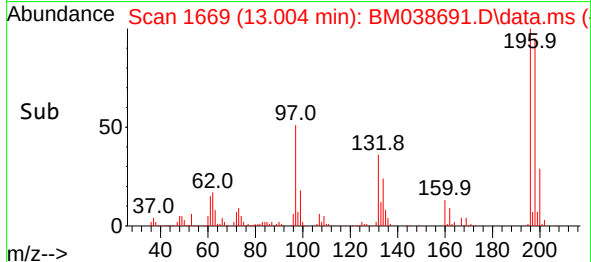
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



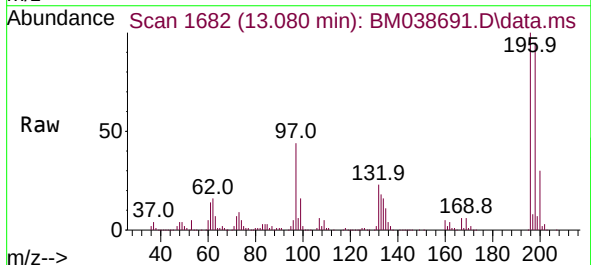
Tgt Ion:196 Resp: 16212
Ion Ratio Lower Upper
196 100
198 94.6 73.7 110.5
200 29.4 24.3 36.5

Manual Integrations
APPROVED

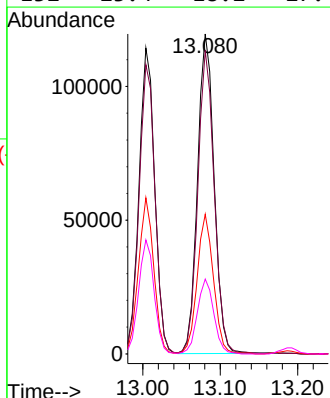
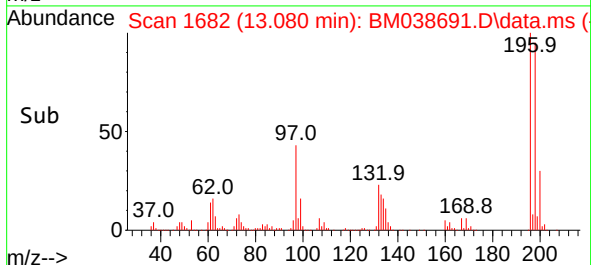
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

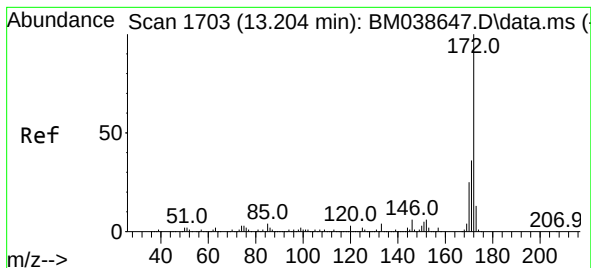


#44
2,4,5-Trichlorophenol
Concen: 44.991 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



Tgt Ion:196 Resp: 178175
Ion Ratio Lower Upper
196 100
198 94.8 73.1 109.7
97 43.6 35.5 53.3
132 23.4 18.2 27.4





#45

2-Fluorobiphenyl

Concen: 64.588 ng

RT: 13.186 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BM038691.D

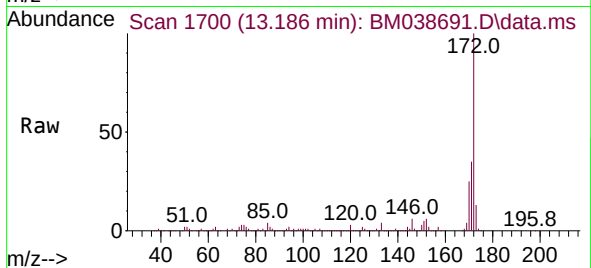
Acq: 03 Feb 2023 22:25

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MSD



Tgt Ion:172 Resp: 835054

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

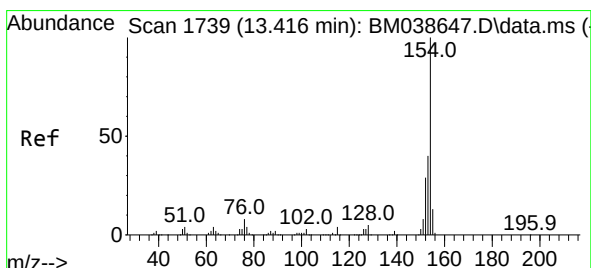
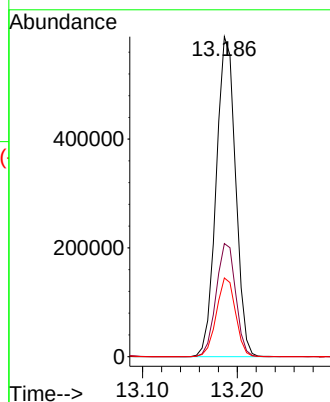
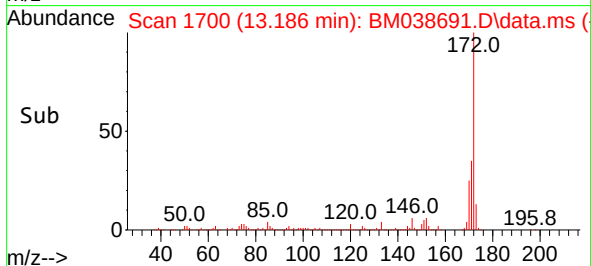
170 24.6 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#46

1,1'-Biphenyl

Concen: 46.872 ng

RT: 13.398 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

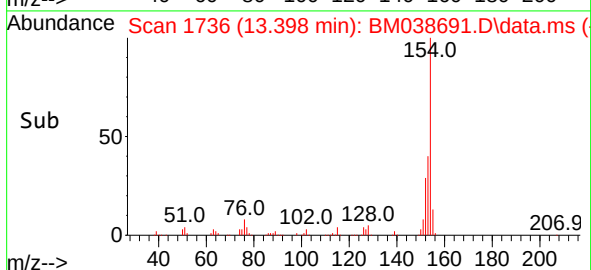
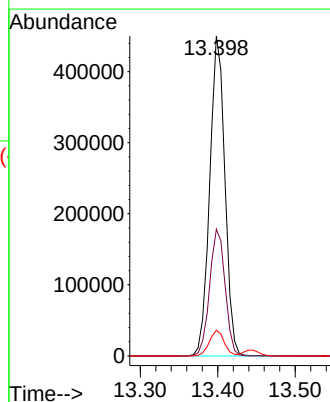
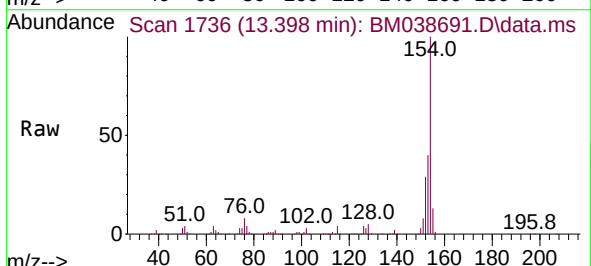
Tgt Ion:154 Resp: 611133

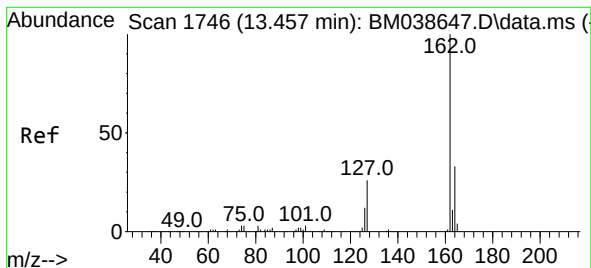
Ion Ratio Lower Upper

154 100

153 39.6 19.9 59.9

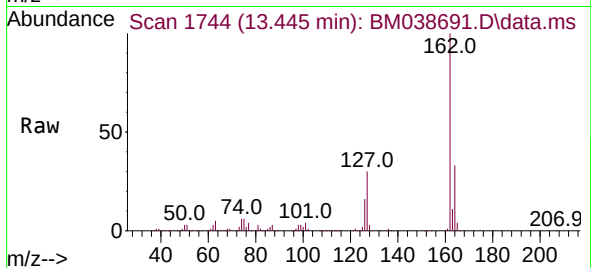
76 8.0 0.0 27.9





#47
2-Chloronaphthalene
Concen: 48.259 ng
RT: 13.445 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

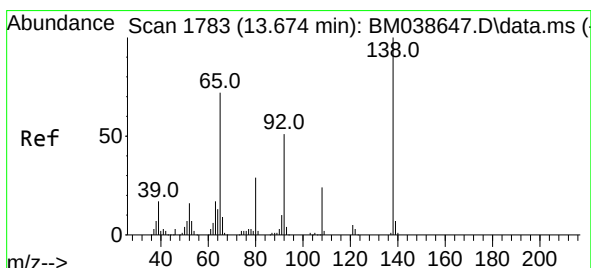
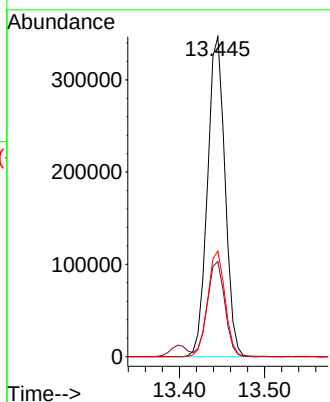
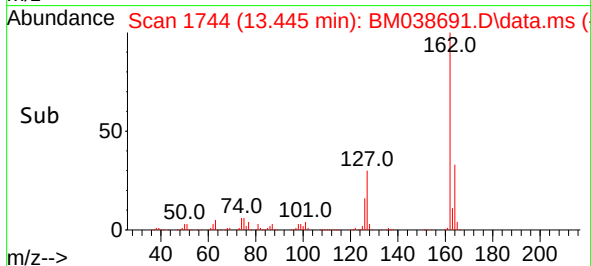
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:162 Resp: 495134
Ion Ratio Lower Upper
162 100
127 29.7 23.6 35.4
164 33.0 26.7 40.1

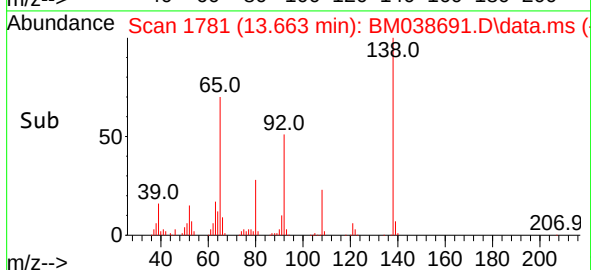
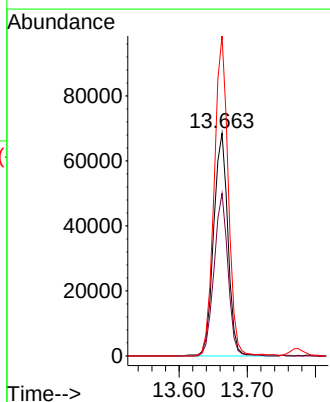
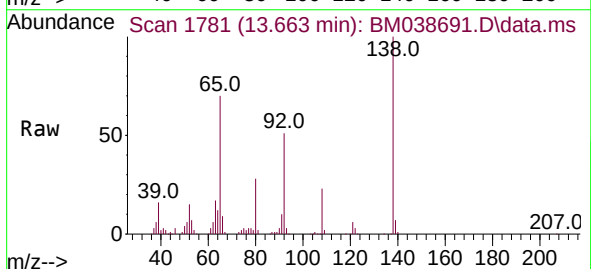
Manual Integrations
APPROVED

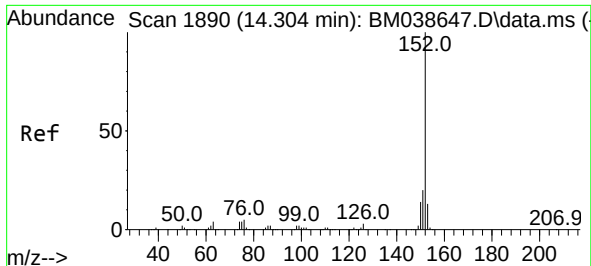
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#48
2-Nitroaniline
Concen: 42.889 ng
RT: 13.663 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

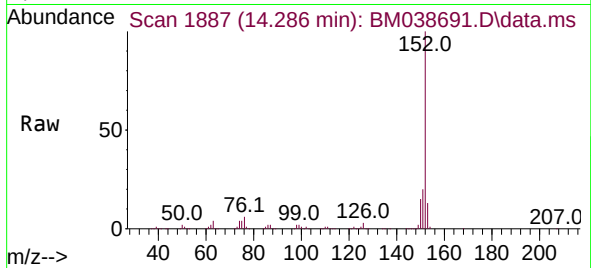
Tgt Ion: 65 Resp: 98747
Ion Ratio Lower Upper
65 100
92 73.0 55.9 83.9
138 143.8 110.6 166.0





#49
Acenaphthylene
Concen: 46.946 ng
RT: 14.286 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

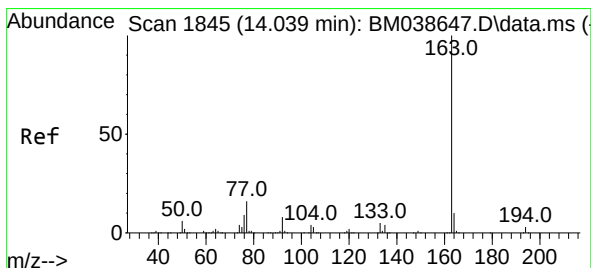
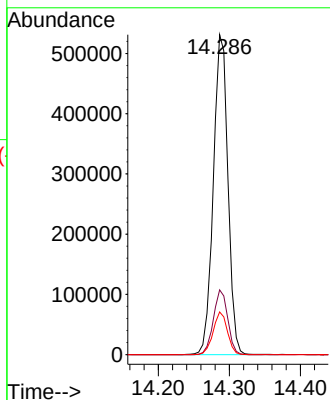
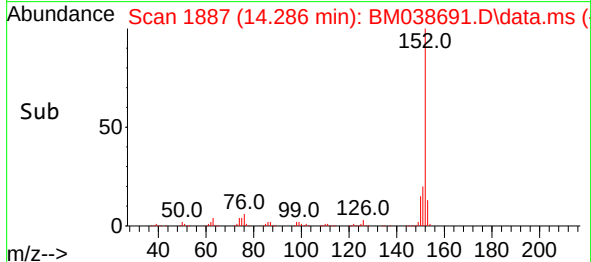
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



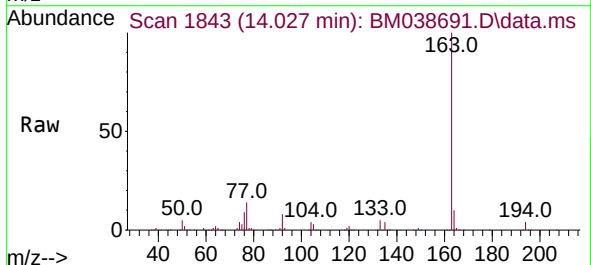
Tgt Ion:152 Resp: 758653
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.3 10.0 15.0

Manual Integrations
APPROVED

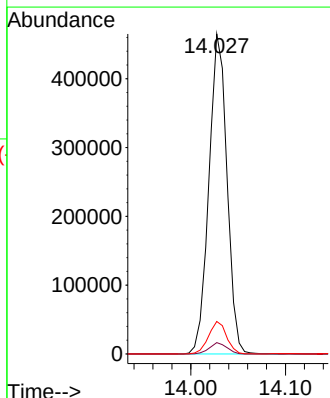
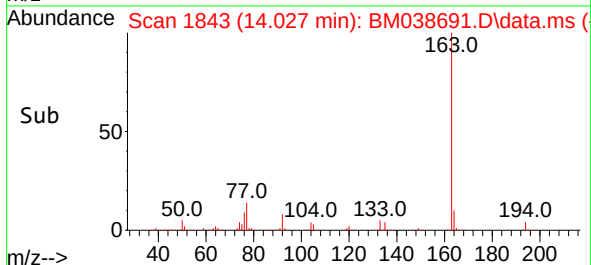
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

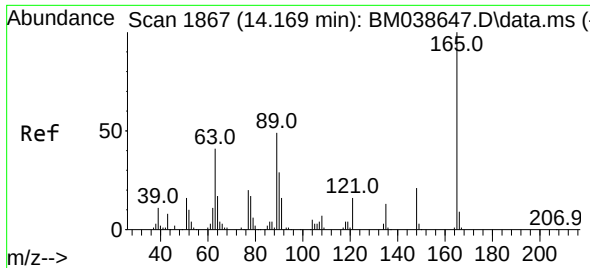


#50
Dimethylphthalate
Concen: 45.954 ng
RT: 14.027 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



Tgt Ion:163 Resp: 617260
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.2 12.4





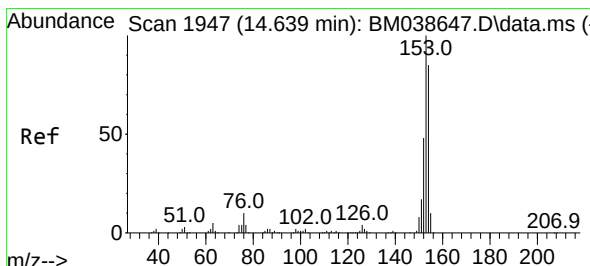
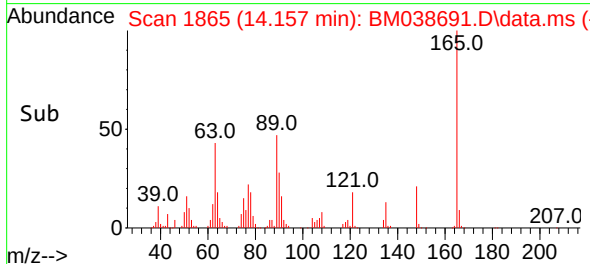
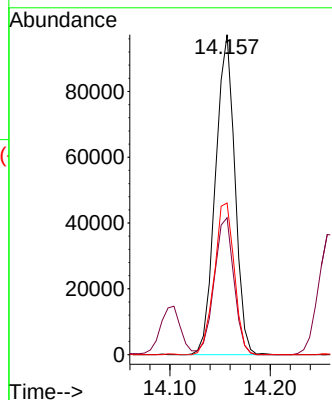
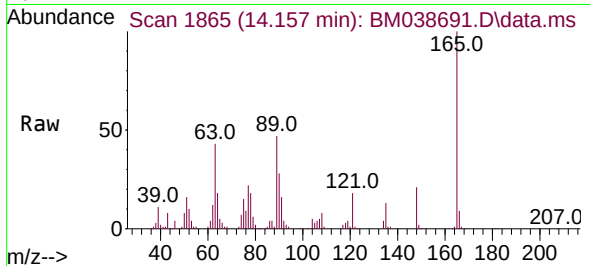
#51
2,6-Dinitrotoluene
Concen: 47.819 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD

Tgt Ion:165 Resp: 130548
Ion Ratio Lower Upper
165 100
63 42.8 35.8 53.8
89 47.4 39.3 58.9

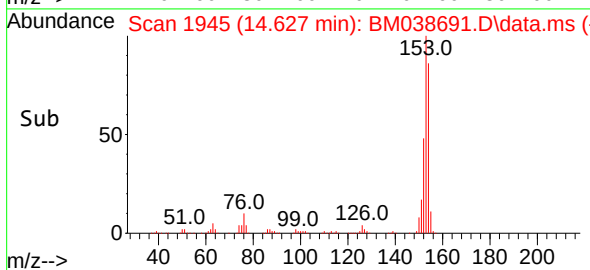
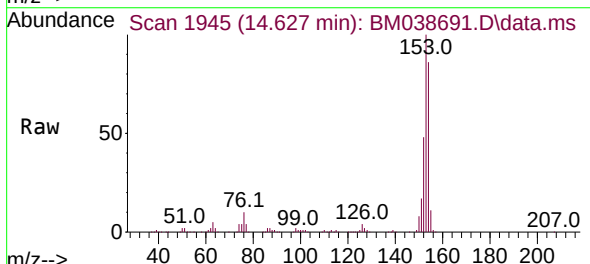
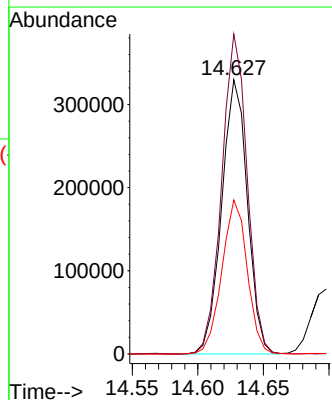
Manual Integrations
APPROVED

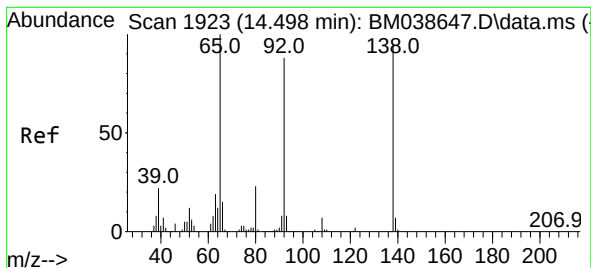
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#52
Acenaphthene
Concen: 46.633 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

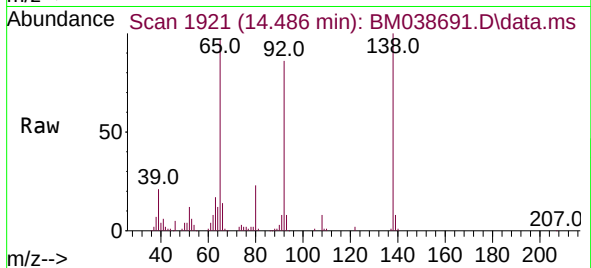
Tgt Ion:154 Resp: 449963
Ion Ratio Lower Upper
154 100
153 116.7 93.7 140.5
152 56.1 44.6 67.0





#53
3-Nitroaniline
Concen: 24.221 ng
RT: 14.486 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

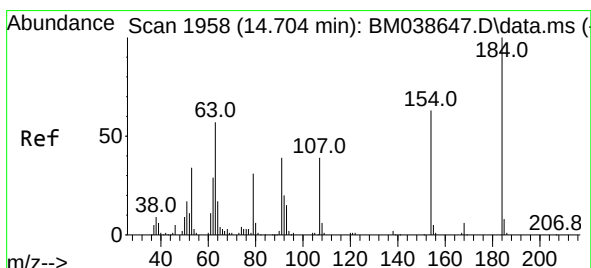
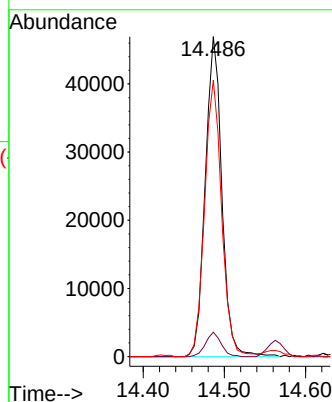
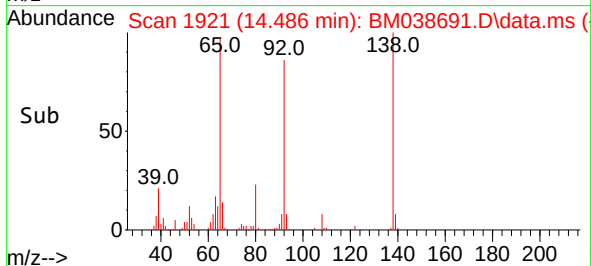
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



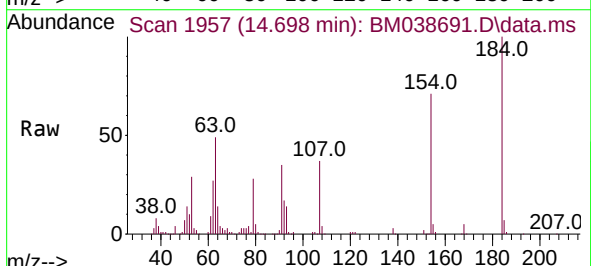
Tgt Ion:138 Resp: 66816
Ion Ratio Lower Upper
138 100
108 7.6 5.8 8.8
92 86.4 73.9 110.9

Manual Integrations
APPROVED

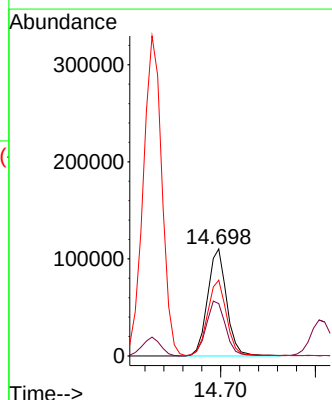
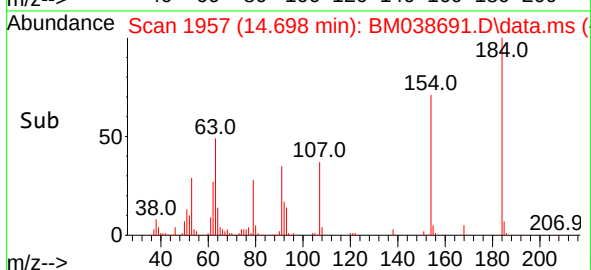
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

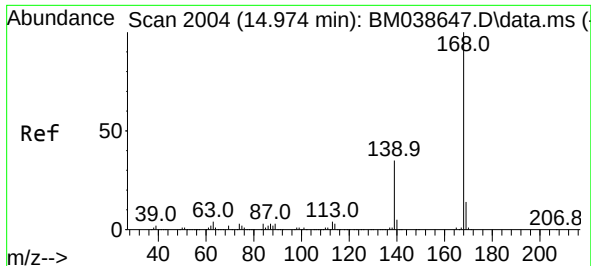


#54
2,4-Dinitrophenol
Concen: 86.556 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



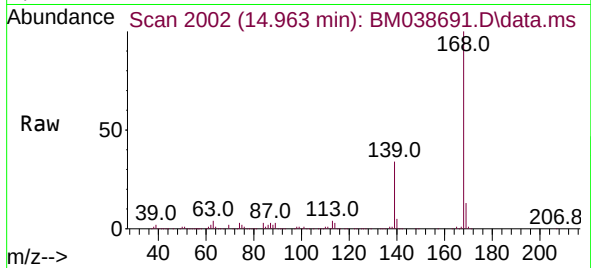
Tgt Ion:184 Resp: 153807
Ion Ratio Lower Upper
184 100
63 48.9 45.9 68.9
154 70.9 54.9 82.3





#55
Dibenzenofuran
Concen: 45.968 ng
RT: 14.963 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

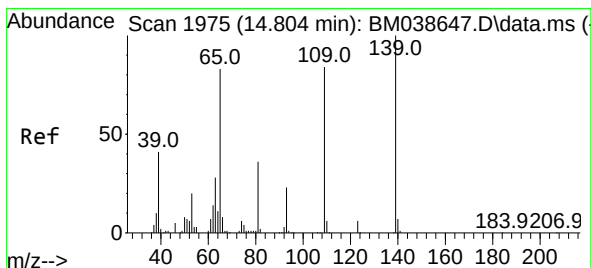
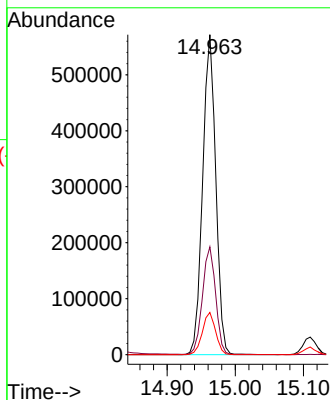
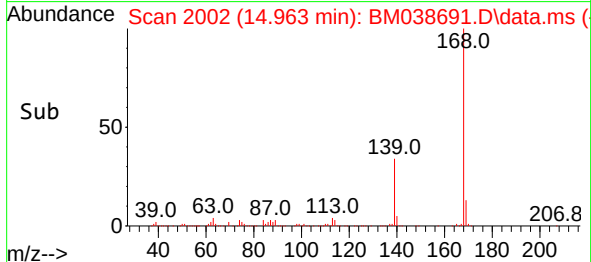
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:168 Resp: 76380
Ion Ratio Lower Upper
168 100
139 33.7 27.8 41.6
169 13.2 10.9 16.3

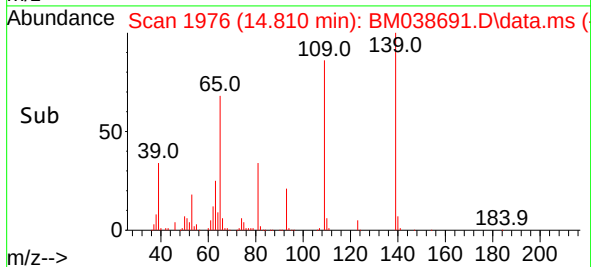
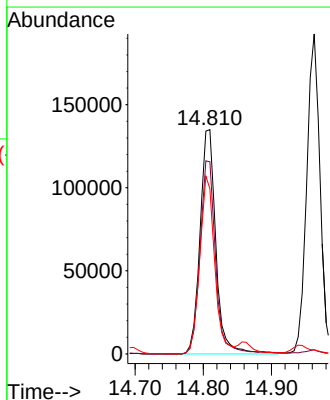
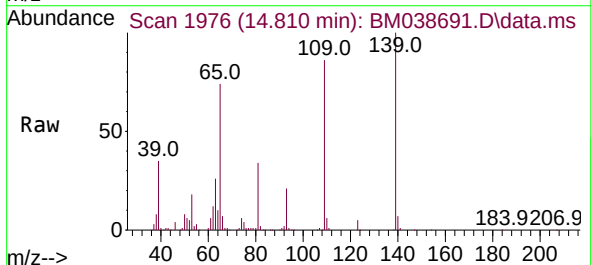
Manual Integrations
APPROVED

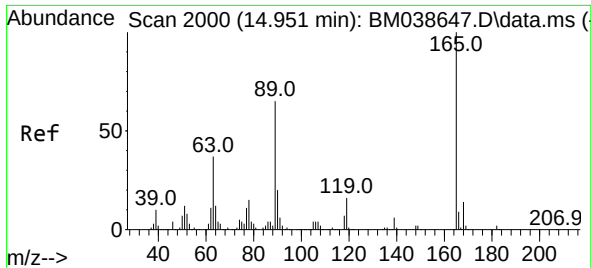
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#56
4-Nitrophenol
Concen: 99.761 ng
RT: 14.810 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

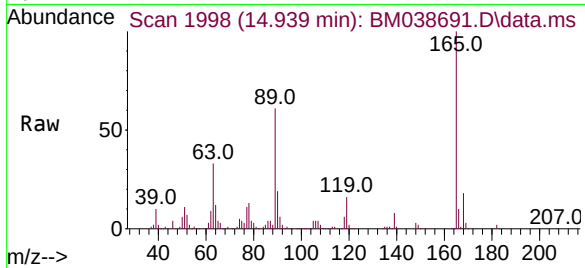
Tgt Ion:139 Resp: 218430
Ion Ratio Lower Upper
139 100
109 85.6 63.8 103.8
65 73.6 62.5 102.5





#57
2,4-Dinitrotoluene
Concen: 45.835 ng
RT: 14.939 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

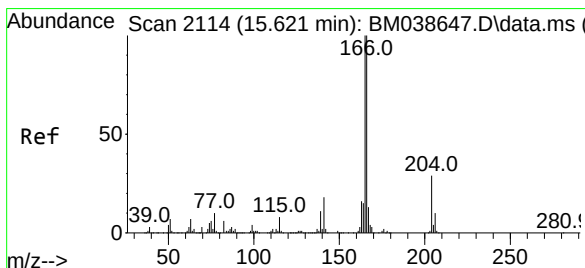
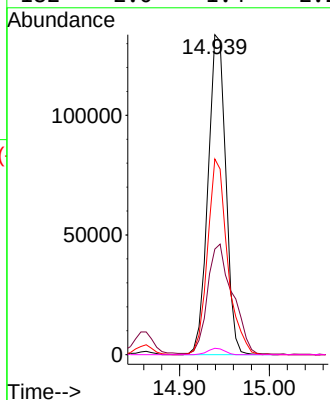
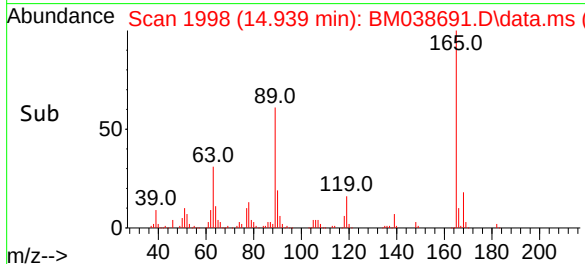
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



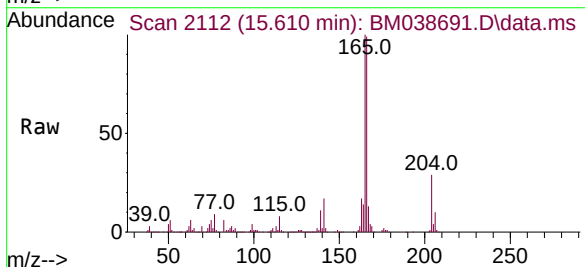
Tgt Ion:165 Resp: 184333
Ion Ratio Lower Upper
165 100
63 33.0 29.4 44.0
89 61.1 51.8 77.6
182 2.0 1.4 2.2

Manual Integrations
APPROVED

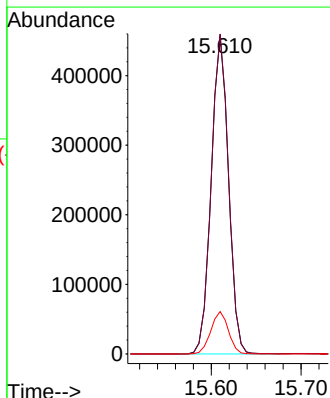
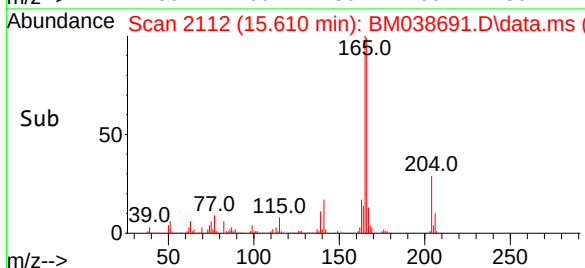
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

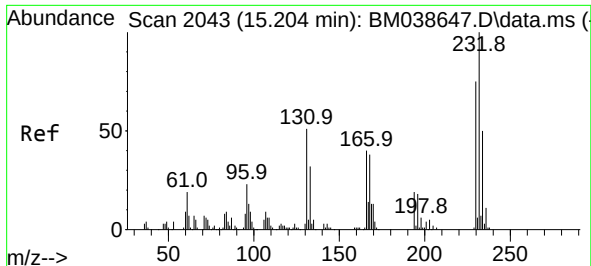


#58
Fluorene
Concen: 46.873 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



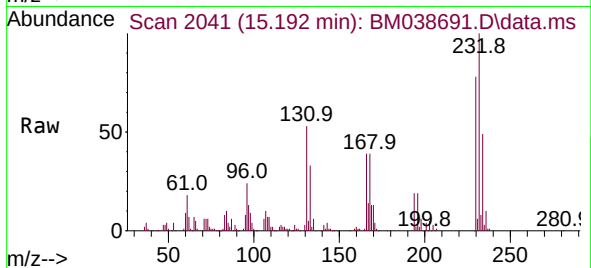
Tgt Ion:166 Resp: 616252
Ion Ratio Lower Upper
166 100
165 100.6 80.2 120.4
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.695 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

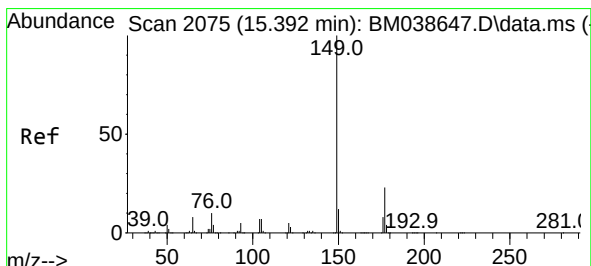
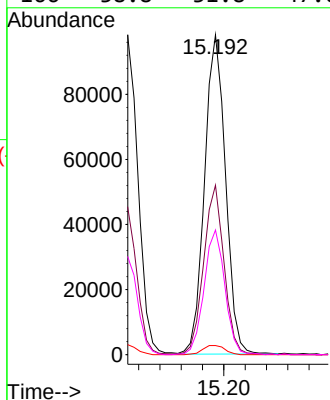
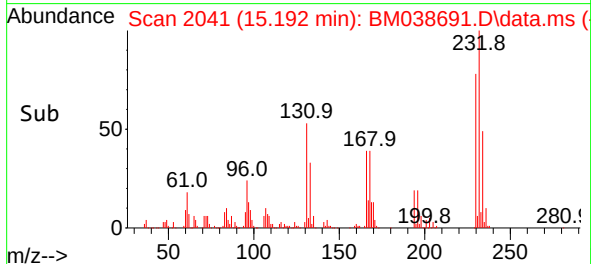
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:232 Resp: 134219
Ion Ratio Lower Upper
232 100
131 51.6 41.2 61.8
130 3.0 2.4 3.6
166 38.8 31.8 47.6

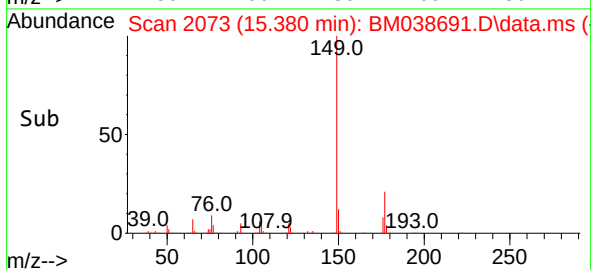
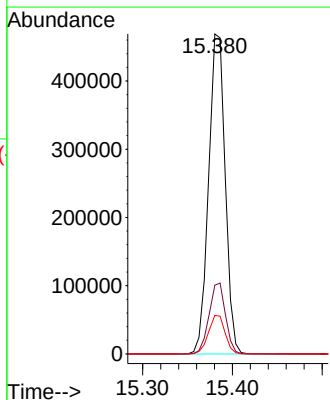
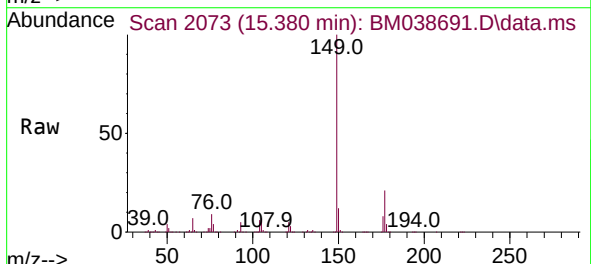
Manual Integrations
APPROVED

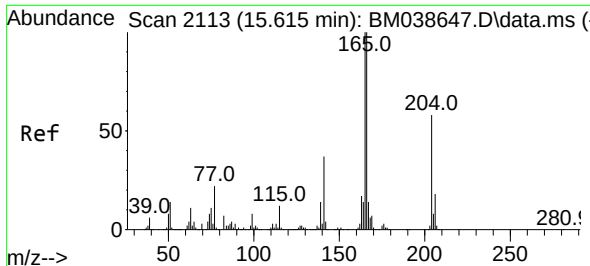
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#60
Diethylphthalate
Concen: 47.470 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

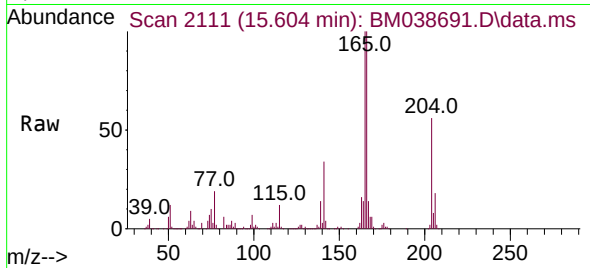
Tgt Ion:149 Resp: 604046
Ion Ratio Lower Upper
149 100
177 21.5 18.1 27.1
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.550 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

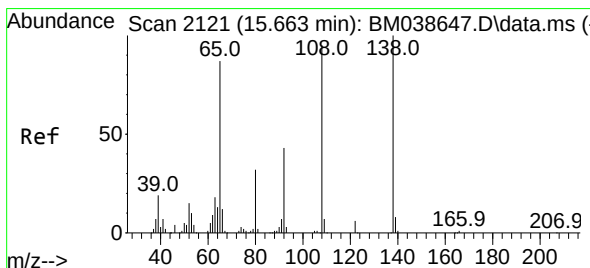
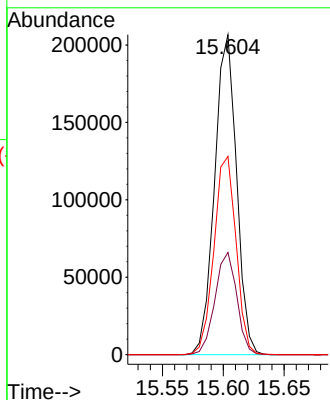
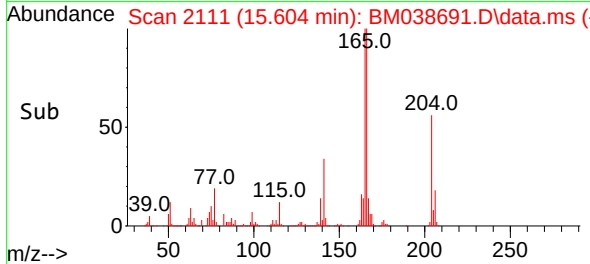
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:204 Resp: 259638
Ion Ratio Lower Upper
204 100
206 31.9 25.3 37.9
141 61.9 51.3 76.9

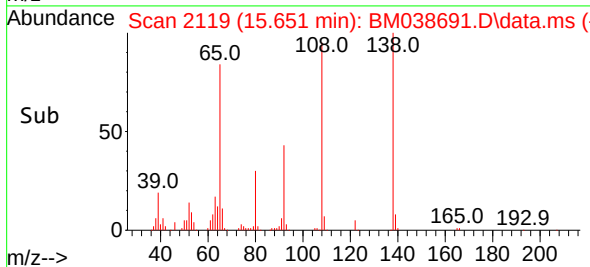
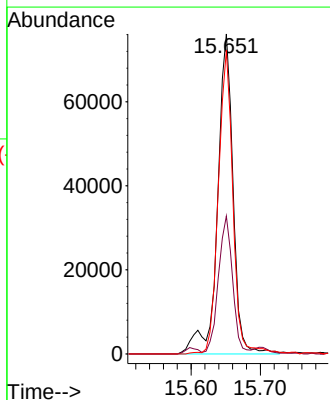
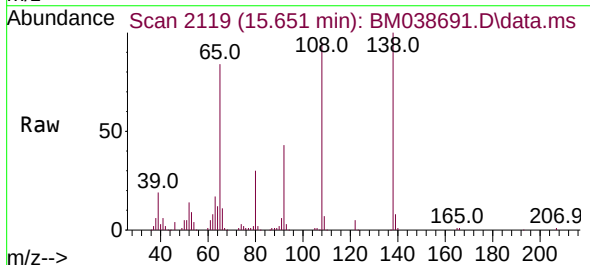
Manual Integrations
APPROVED

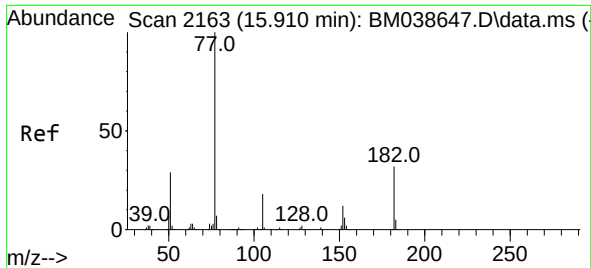
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#62
4-Nitroaniline
Concen: 40.897 ng m
RT: 15.651 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

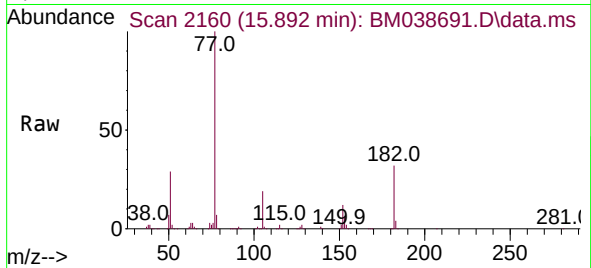
Tgt Ion:138 Resp: 119119
Ion Ratio Lower Upper
138 100
92 43.1 23.4 63.4
108 94.9 75.1 115.1





#63
Azobenzene
Concen: 45.710 ng
RT: 15.892 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

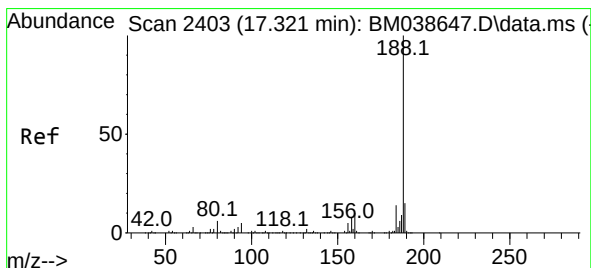
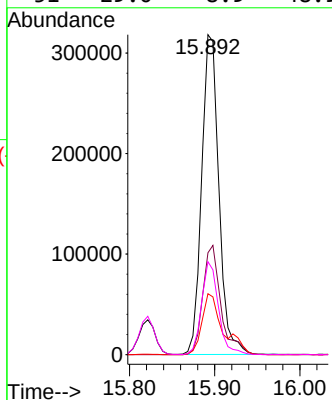
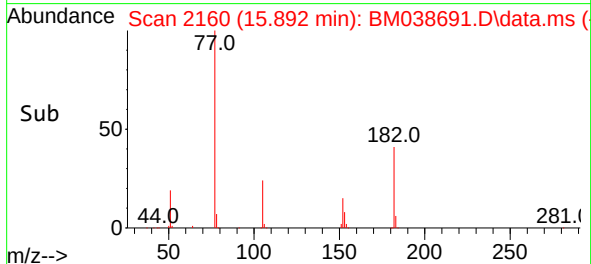
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



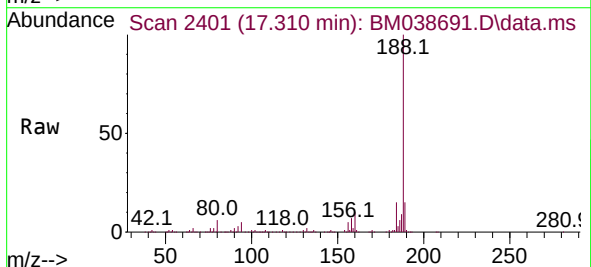
Tgt Ion: 77 Resp: 447512
Ion Ratio Lower Upper
77 100
182 31.8 12.0 52.0
105 19.0 0.0 37.5
51 29.0 8.9 48.9

Manual Integrations
APPROVED

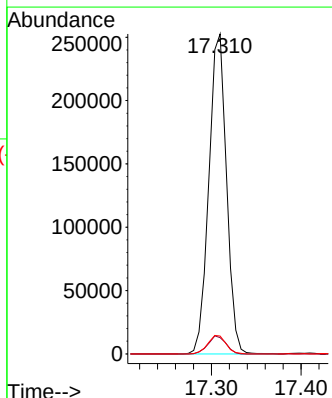
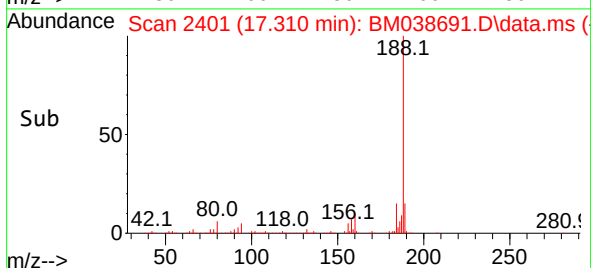
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

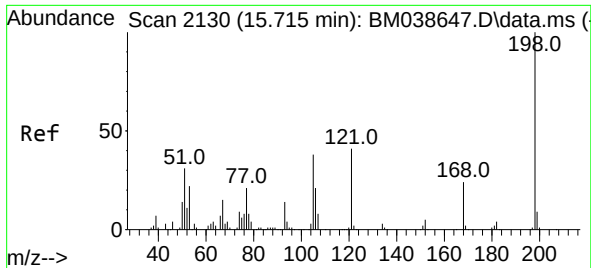


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



Tgt Ion:188 Resp: 346957
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.4
80 5.6 4.6 7.0





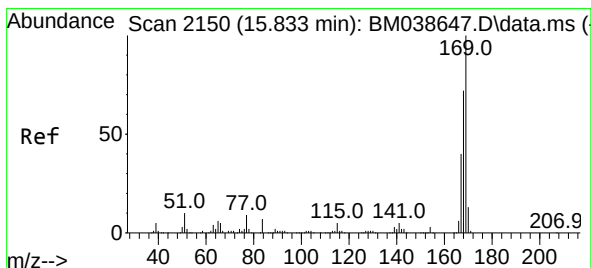
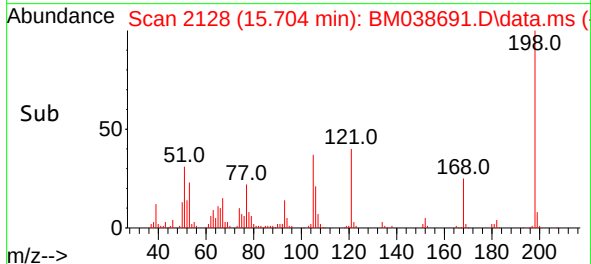
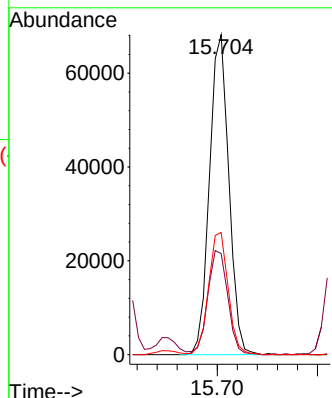
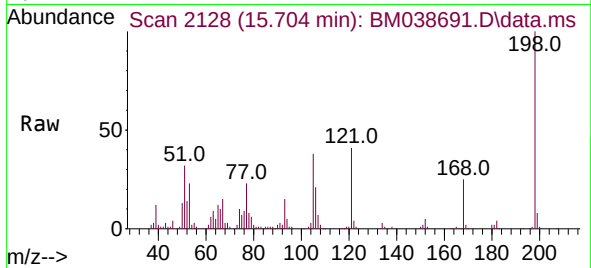
#65
4,6-Dinitro-2-methylphenol
Concen: 41.888 ng
RT: 15.704 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD

Tgt Ion:198 Resp: 91491
Ion Ratio Lower Upper
198 100
51 31.6 13.0 53.0
105 38.2 17.9 57.9

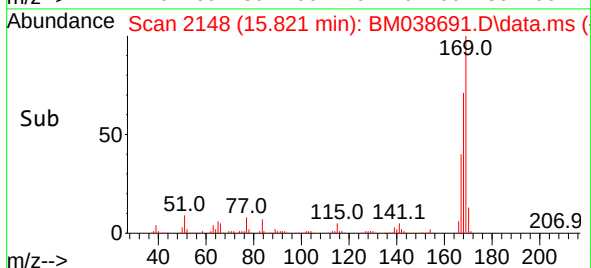
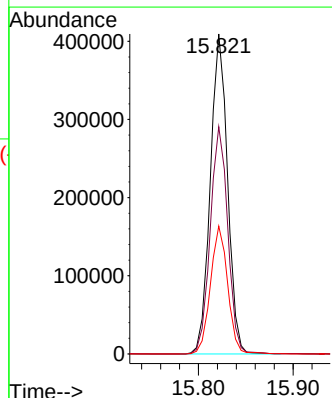
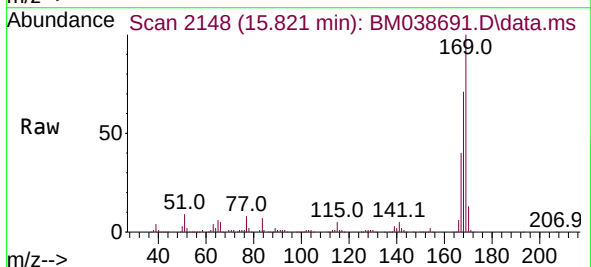
Manual Integrations
APPROVED

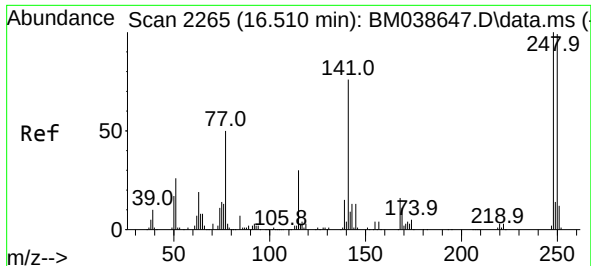
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#66
n-Nitrosodiphenylamine
Concen: 45.716 ng
RT: 15.821 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

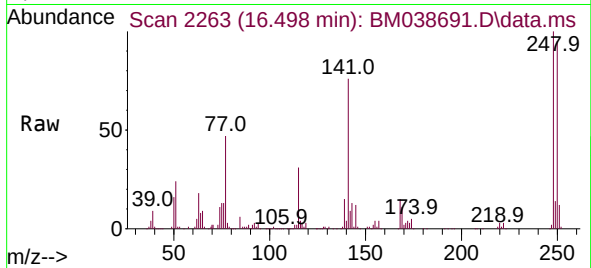
Tgt Ion:169 Resp: 517903
Ion Ratio Lower Upper
169 100
168 71.0 57.6 86.4
167 39.9 32.3 48.5





#67
4-Bromophenyl-phenylether
Concen: 46.399 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

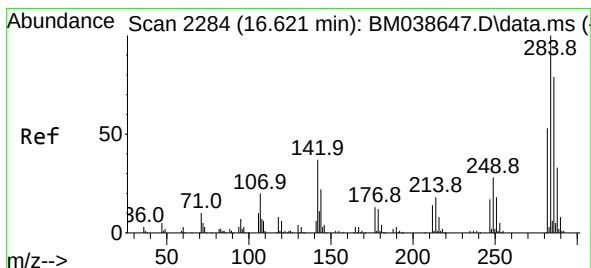
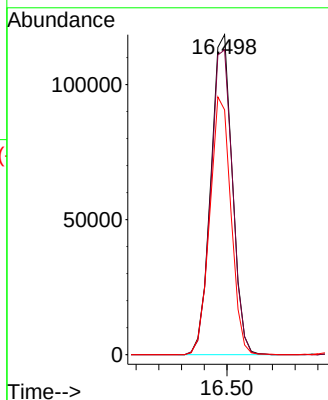
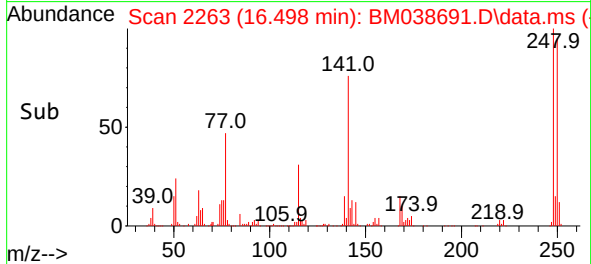
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



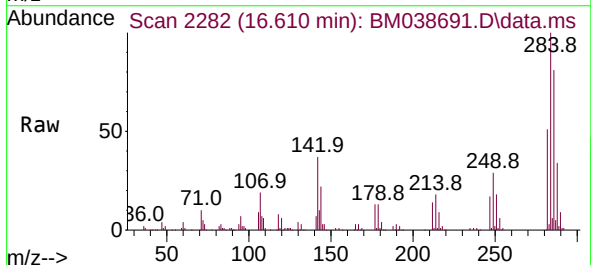
Tgt Ion:248 Resp: 155442
Ion Ratio Lower Upper
248 100
250 95.2 79.4 119.2
141 76.5 61.0 91.6

Manual Integrations
APPROVED

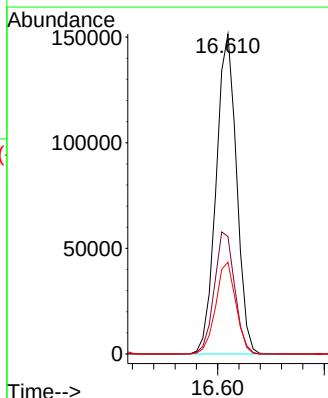
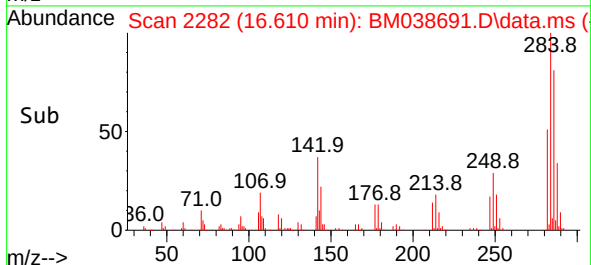
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

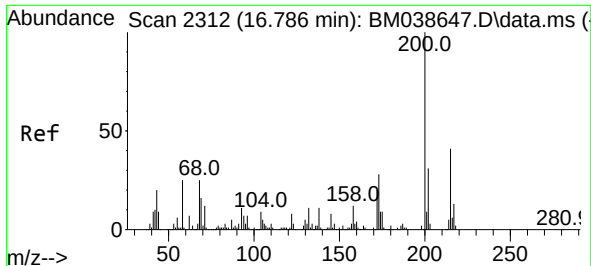


#68
Hexachlorobenzene
Concen: 49.330 ng
RT: 16.610 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25



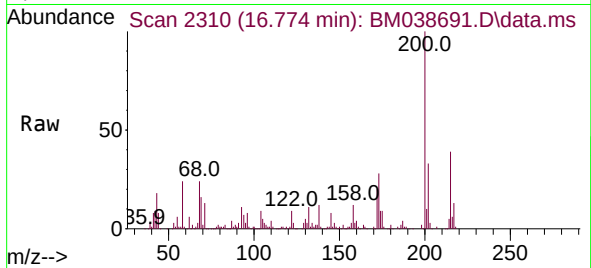
Tgt Ion:284 Resp: 201971
Ion Ratio Lower Upper
284 100
142 36.7 29.8 44.6
249 28.6 22.2 33.4





#69
Atrazine
Concen: 51.861 ng
RT: 16.774 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

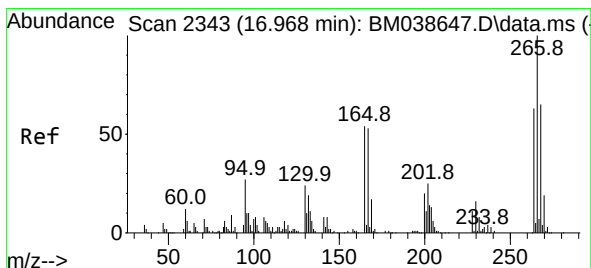
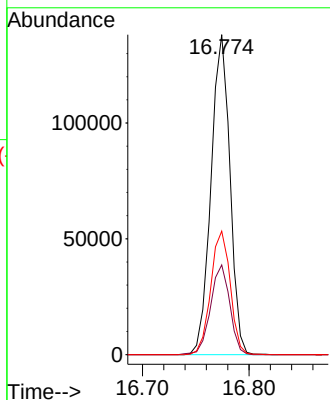
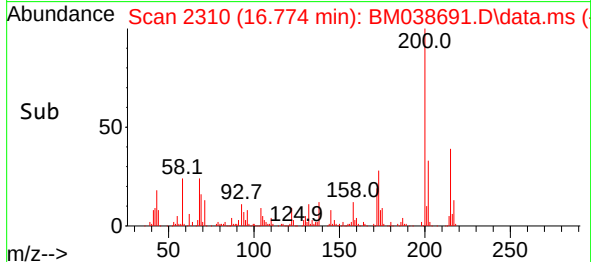
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:200 Resp: 170285
Ion Ratio Lower Upper
200 100
173 28.0 7.9 47.9
215 38.6 20.8 60.8

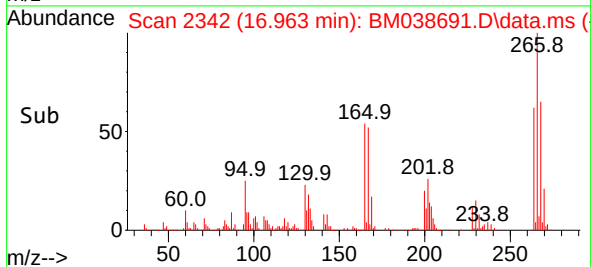
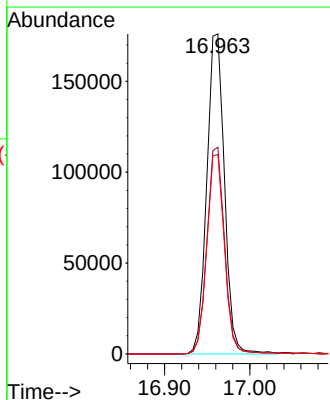
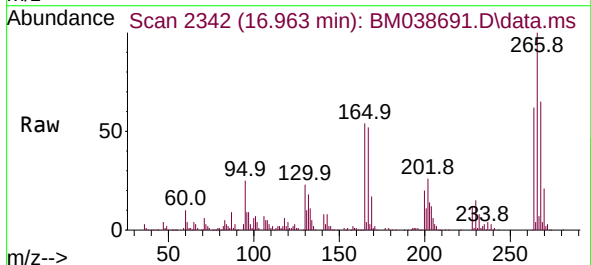
Manual Integrations
APPROVED

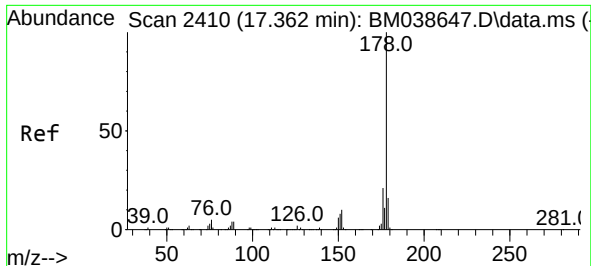
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#70
Pentachlorophenol
Concen: 84.957 ng
RT: 16.963 min Scan# 2342
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

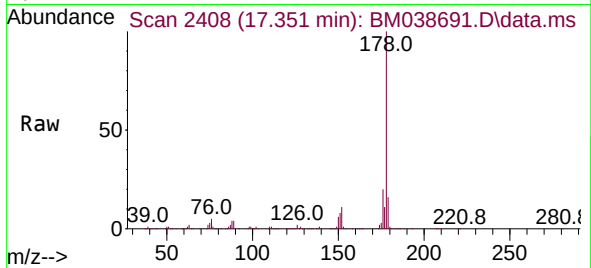
Tgt Ion:266 Resp: 253563
Ion Ratio Lower Upper
266 100
268 64.6 51.8 77.6
264 62.4 50.6 76.0





#71
Phenanthrene
Concen: 46.764 ng
RT: 17.351 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

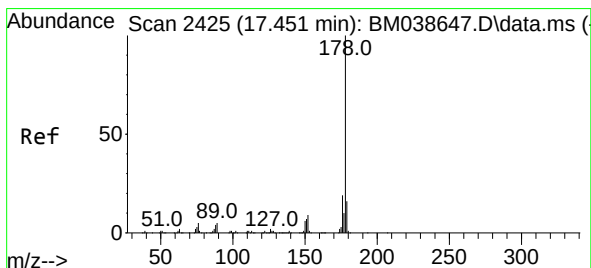
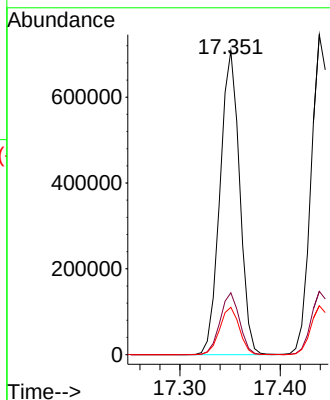
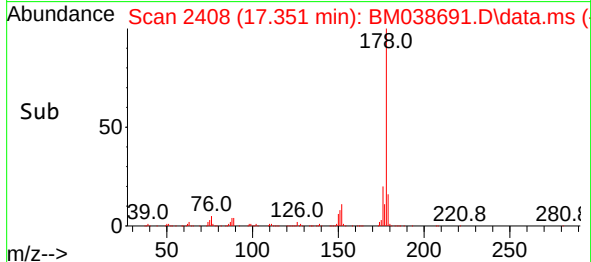
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:178 Resp: 963396
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 15.6 12.5 18.7

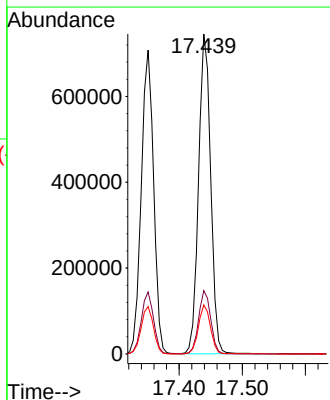
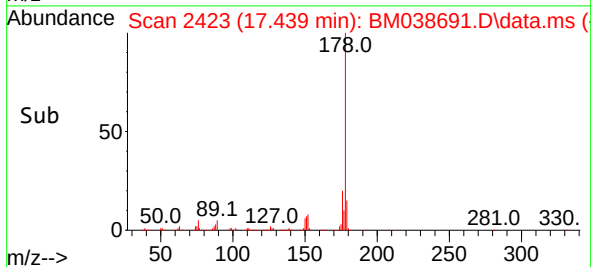
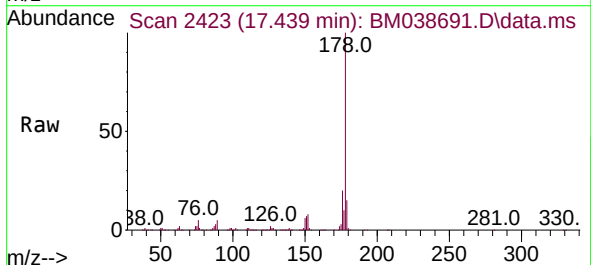
Manual Integrations
APPROVED

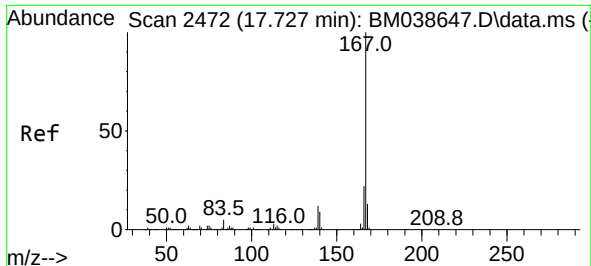
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#72
Anthracene
Concen: 47.150 ng
RT: 17.439 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

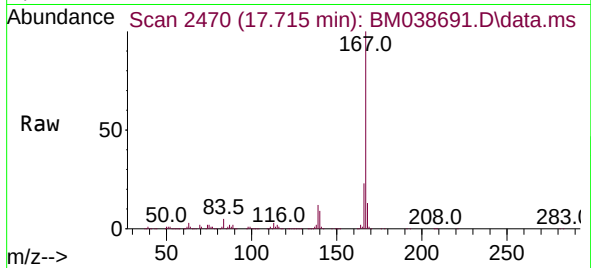
Tgt Ion:178 Resp: 993714
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 47.599 ng
 RT: 17.715 min Scan# 2472
 Delta R.T. -0.006 min
 Lab File: BM038691.D
 Acq: 03 Feb 2023 22:25

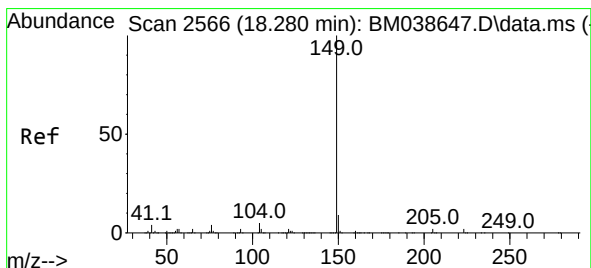
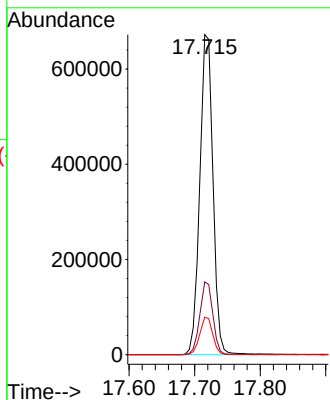
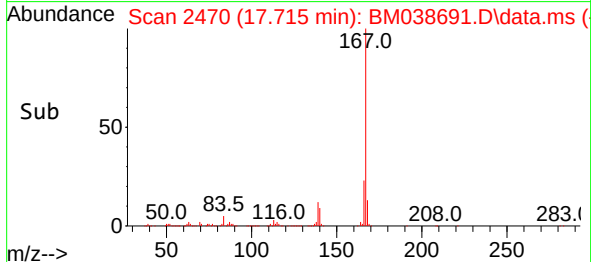
Instrument :
 BNA_M
 ClientSampleId :
 SASP2-123-2(20-30)MSD



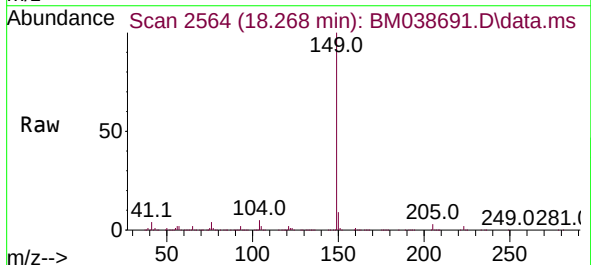
Tgt Ion:167 Resp: 935587
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.6
 139 11.7 9.4 14.2

Manual Integrations
 APPROVED

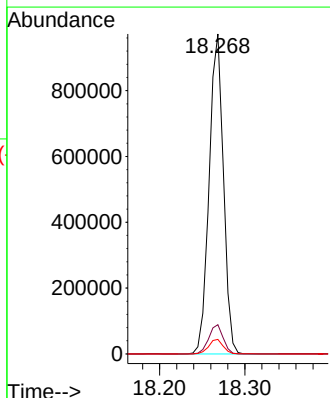
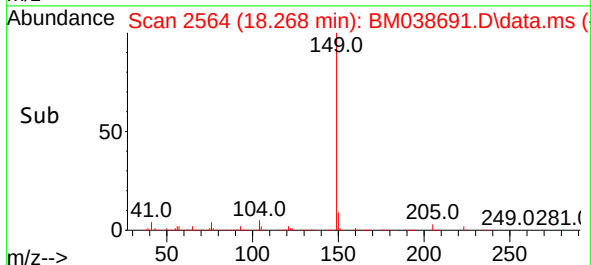
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

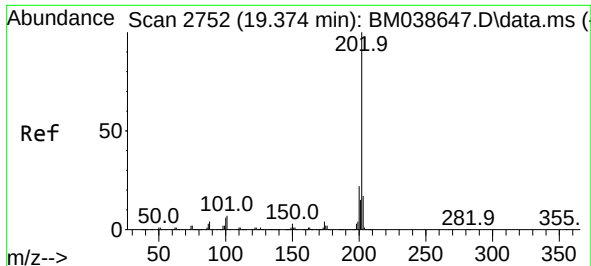


#74
 Di-n-butylphthalate
 Concen: 50.905 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BM038691.D
 Acq: 03 Feb 2023 22:25



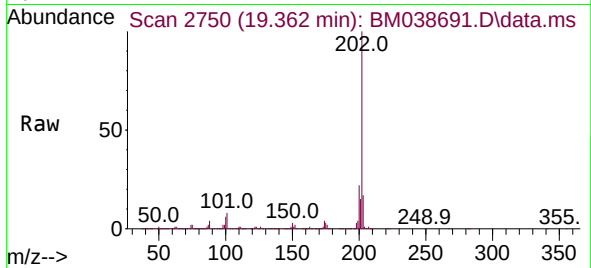
Tgt Ion:149 Resp: 1130429
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 47.268 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

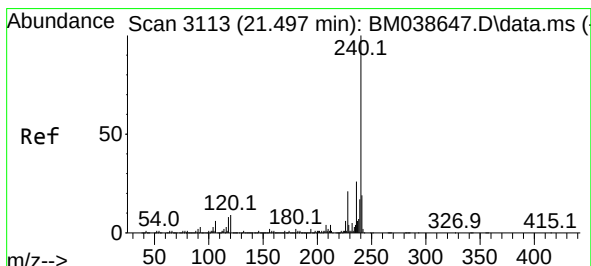
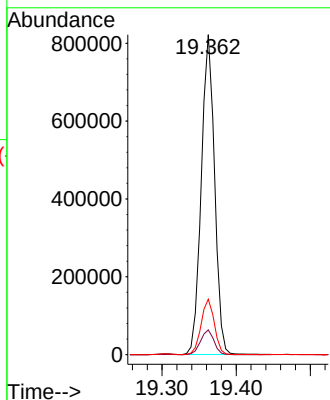
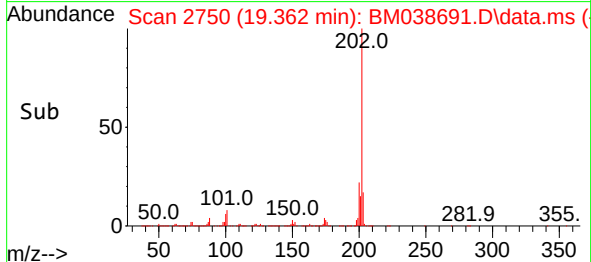
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:202 Resp: 102243
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.4
203 17.3 0.0 37.3

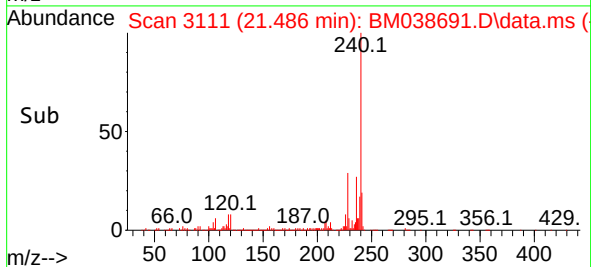
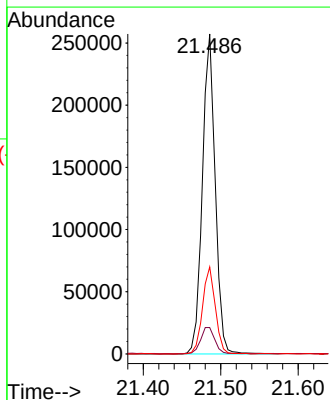
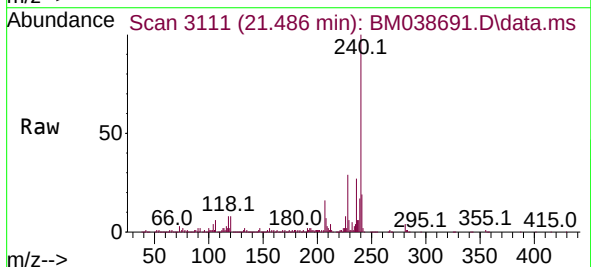
Manual Integrations
APPROVED

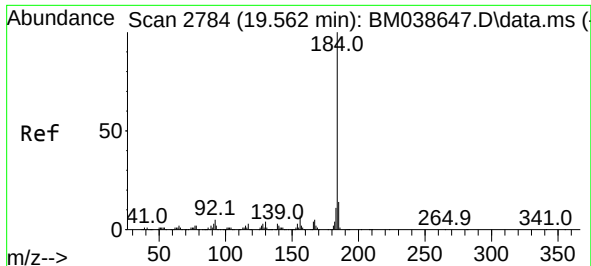
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

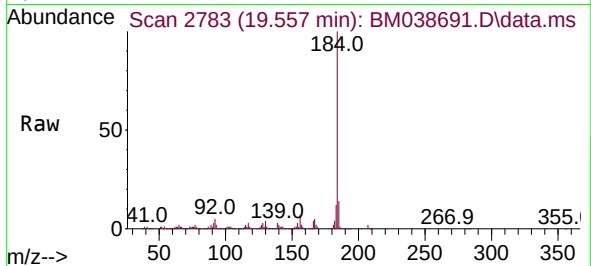
Tgt Ion:240 Resp: 295749
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.4
236 27.2 20.9 31.3





#77
Benzidine
Concen: 55.026 ng
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

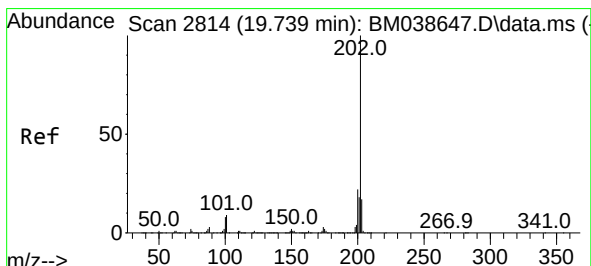
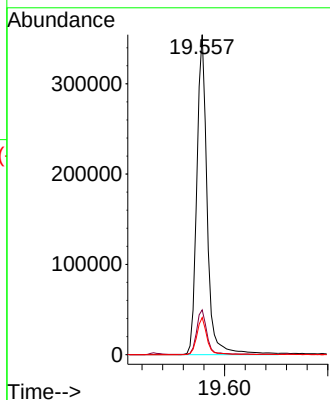
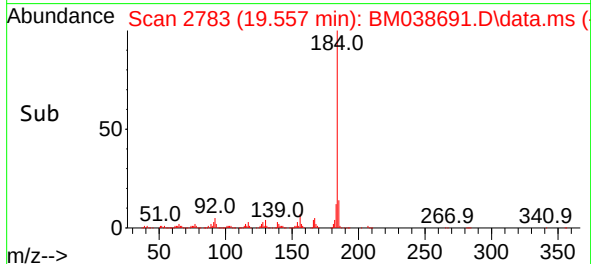
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:184 Resp: 493260
Ion Ratio Lower Upper
184 100
185 14.0 10.8 16.2
183 11.6 8.8 13.2

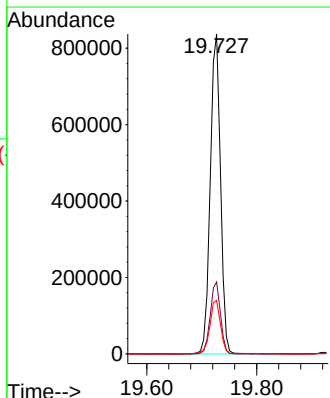
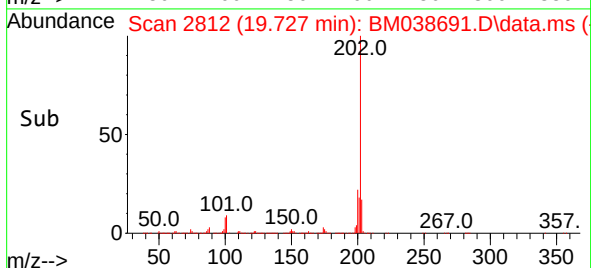
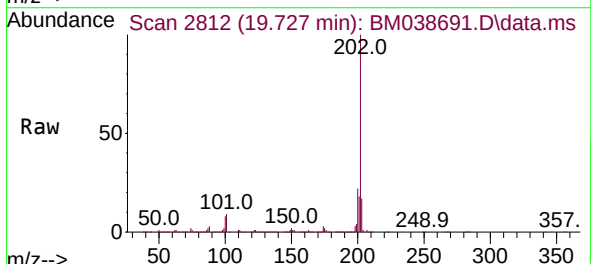
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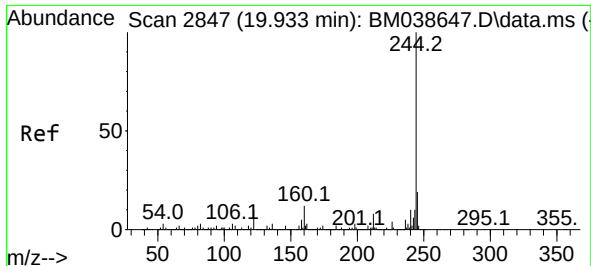
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#78
Pyrene
Concen: 47.581 ng
RT: 19.727 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

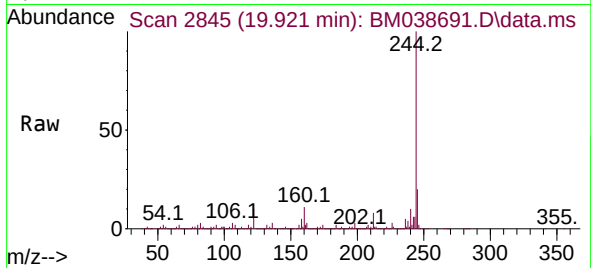
Tgt Ion:202 Resp: 1083418
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 16.7 13.5 20.3





#79
 Terphenyl-d14
 Concen: 62.595 ng
 RT: 19.921 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BM038691.D
 Acq: 03 Feb 2023 22:25

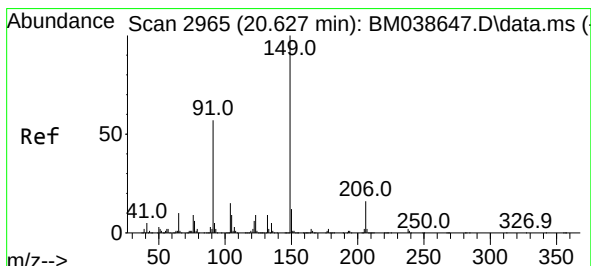
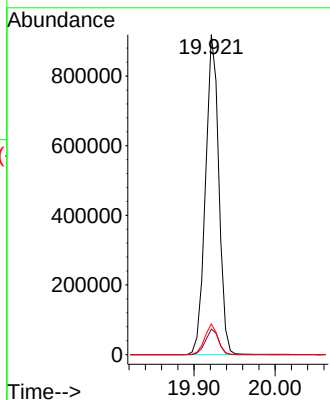
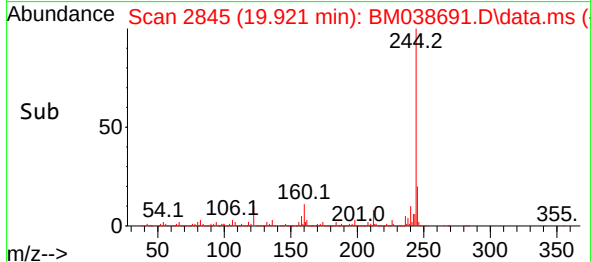
Instrument :
 BNA_M
 ClientSampleId :
 SASP2-123-2(20-30)MSD



Tgt Ion:244 Resp: 1049062
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 9.6 7.8 11.8

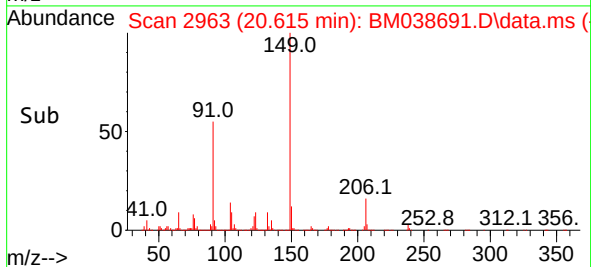
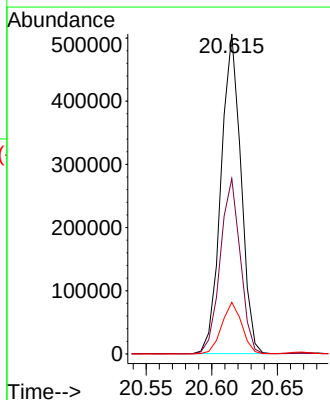
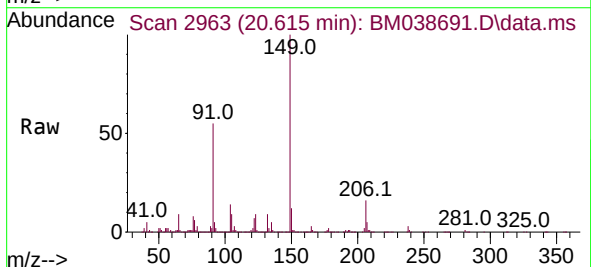
Manual Integrations
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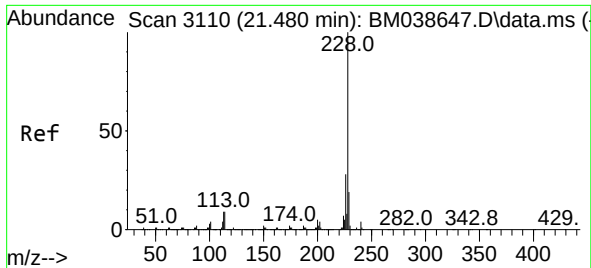
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023



#80
 Butylbenzylphthalate
 Concen: 47.284 ng
 RT: 20.615 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: BM038691.D
 Acq: 03 Feb 2023 22:25

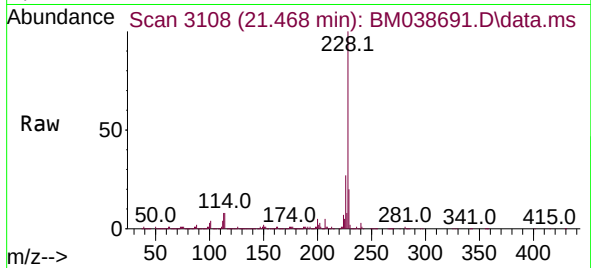
Tgt Ion:149 Resp: 535656
 Ion Ratio Lower Upper
 149 100
 91 54.8 45.6 68.4
 206 16.1 12.5 18.7





#81
Benzo(a)anthracene
Concen: 48.050 ng
RT: 21.468 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

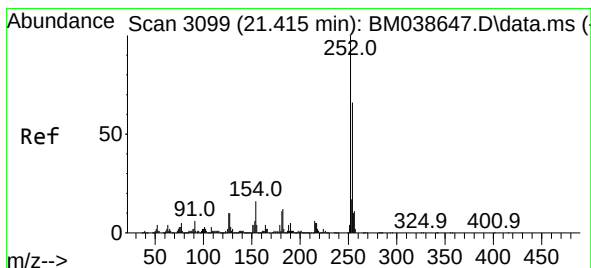
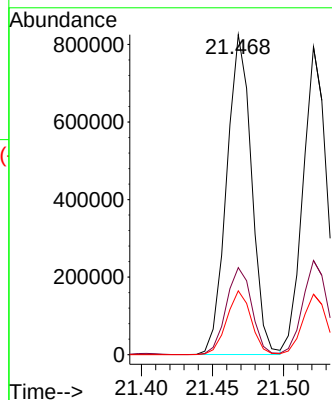
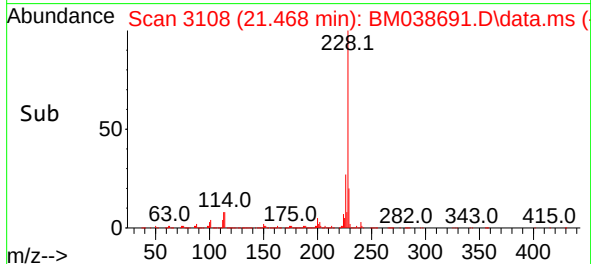
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD



Tgt Ion:228 Resp: 1005229
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.9 15.5 23.3

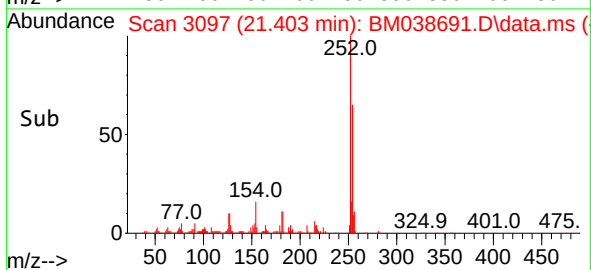
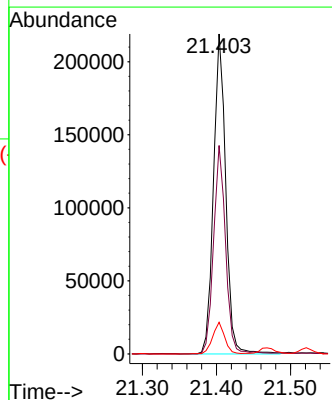
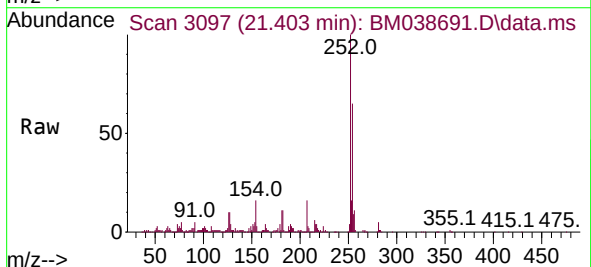
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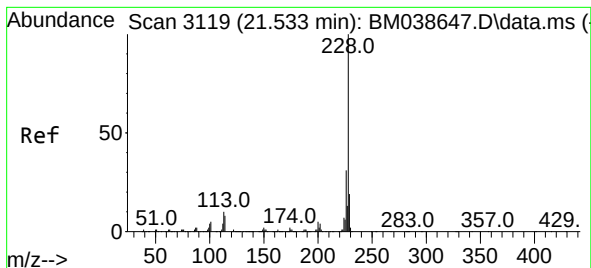
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#82
3,3'-Dichlorobenzidine
Concen: 34.908 ng
RT: 21.403 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Tgt Ion:252 Resp: 251245
Ion Ratio Lower Upper
252 100
254 65.1 52.8 79.2
126 9.9 8.2 12.2





#83

Chrysene

Concen: 46.143 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

Instrument :

BNA_M

ClientSampleId :

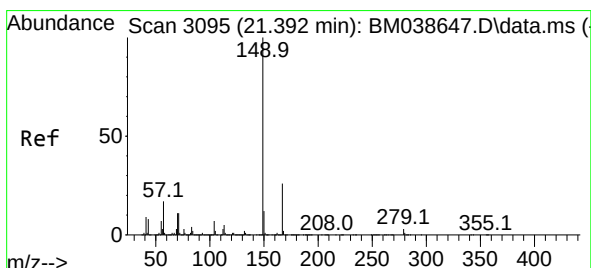
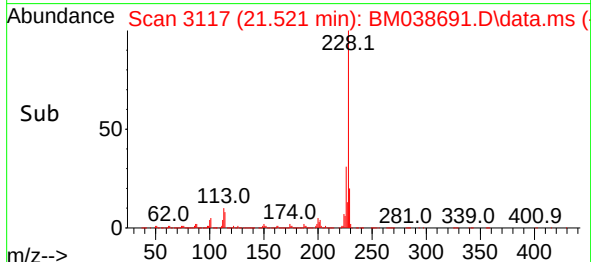
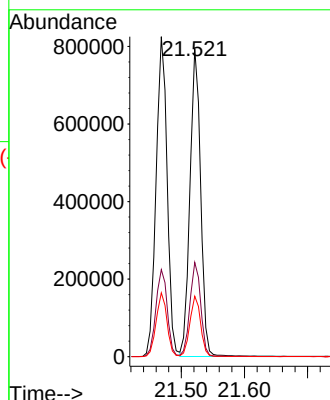
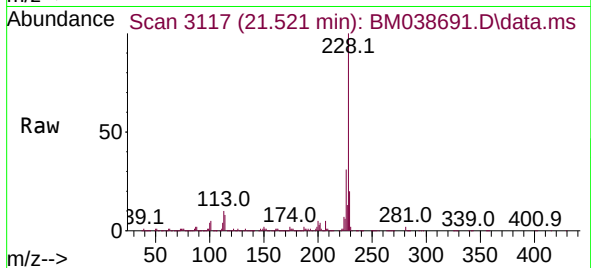
SASP2-123-2(20-30)MSD

Tgt Ion:228 Resp: 930085
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.7 37.1
 229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.900 ng

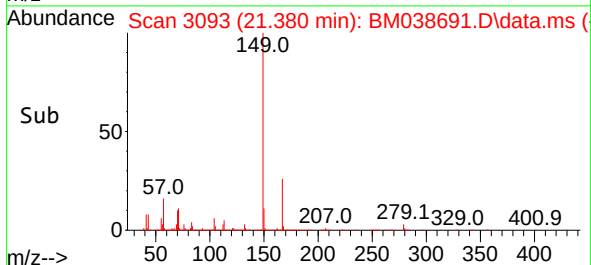
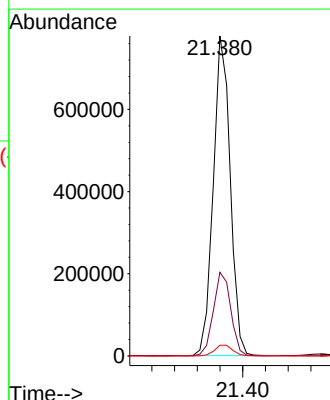
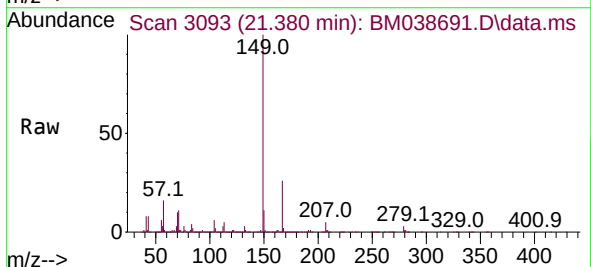
RT: 21.380 min Scan# 3093

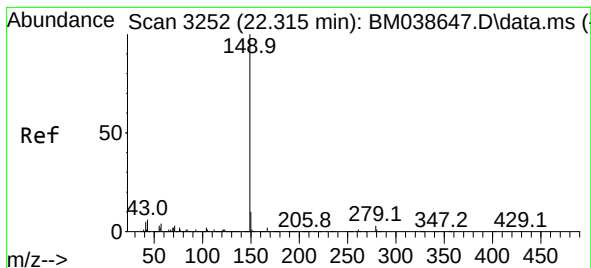
Delta R.T. -0.006 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

Tgt Ion:149 Resp: 807070
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.8 31.2
 279 3.3 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 51.892 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MSD

Tgt Ion:149 Resp: 1390809

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

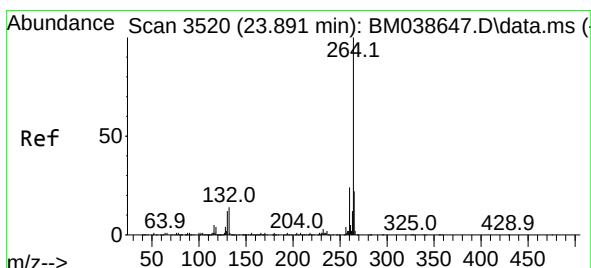
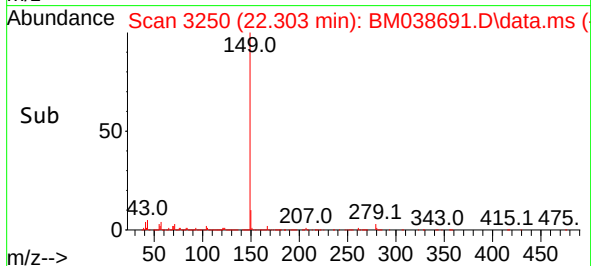
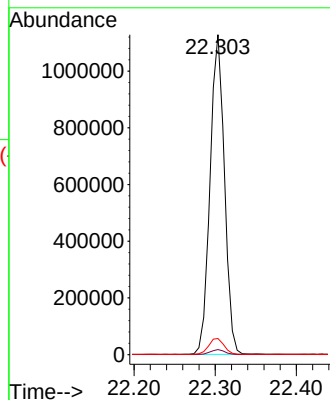
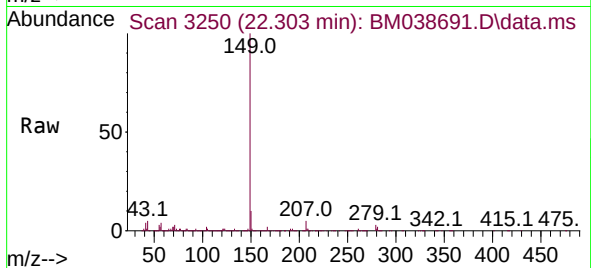
43 5.3 4.6 6.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.880 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

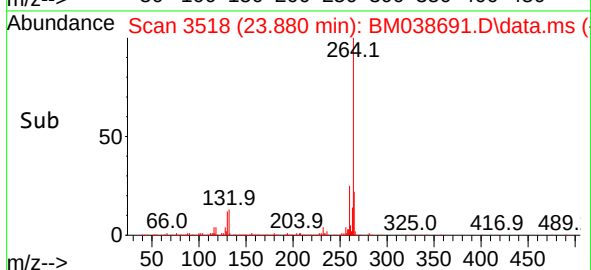
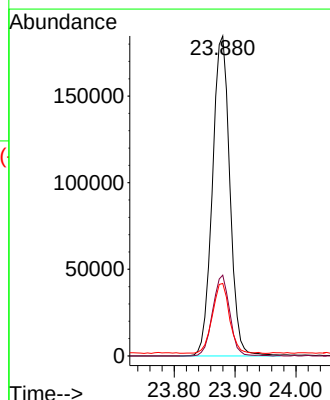
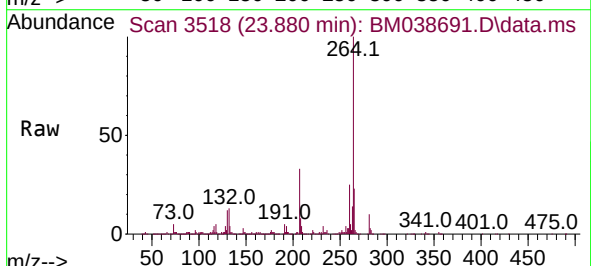
Tgt Ion:264 Resp: 367492

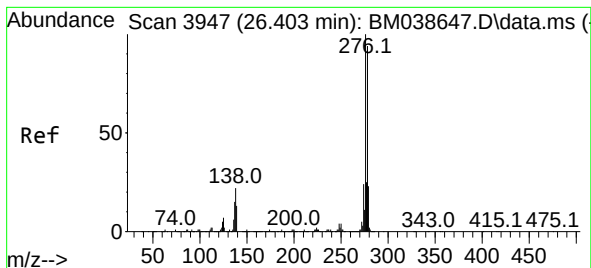
Ion Ratio Lower Upper

264 100

260 25.2 19.6 29.4

265 22.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.234 ng

RT: 26.374 min Scan# 3947

Delta R.T. -0.006 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MSD

Tgt Ion:276 Resp: 1396176

Ion Ratio Lower Upper

276 100

138 21.3 17.2 25.8

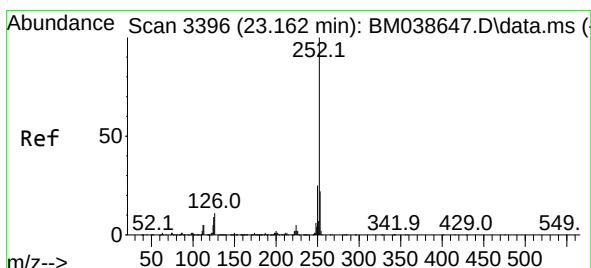
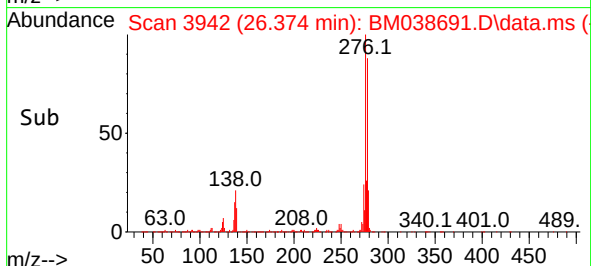
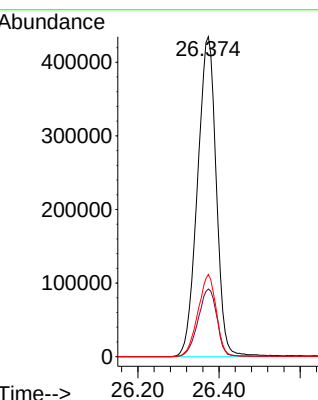
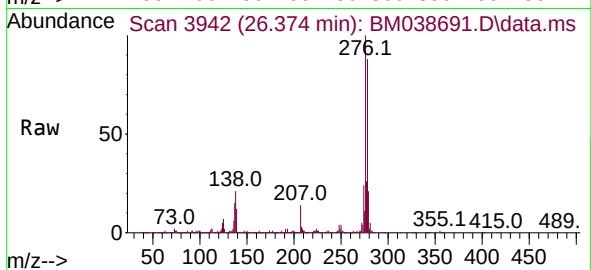
277 25.1 20.2 30.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#88

Benzo(b)fluoranthene

Concen: 51.866 ng

RT: 23.150 min Scan# 3394

Delta R.T. -0.006 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

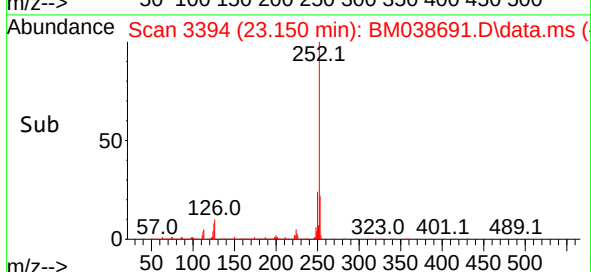
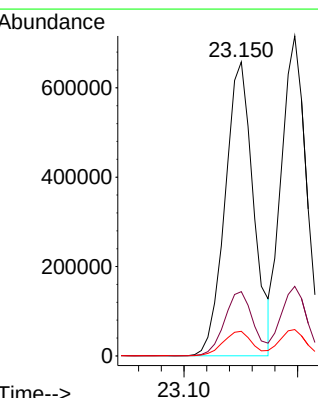
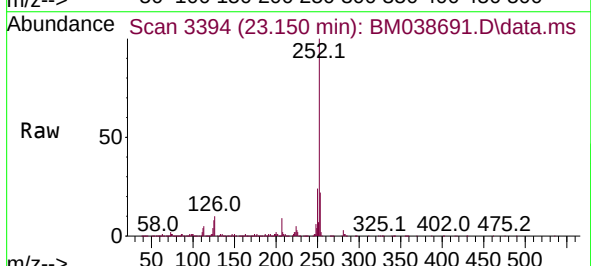
Tgt Ion:252 Resp: 1141649

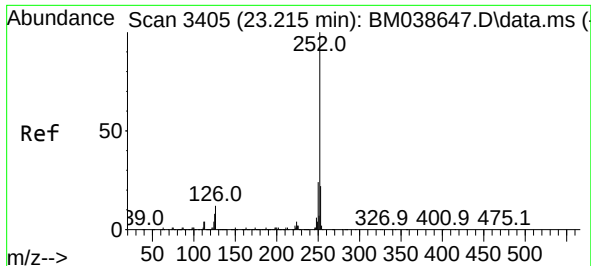
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.4 7.0 10.6





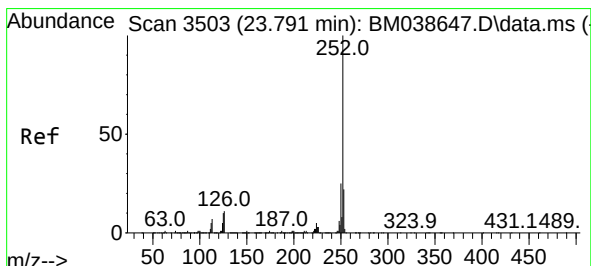
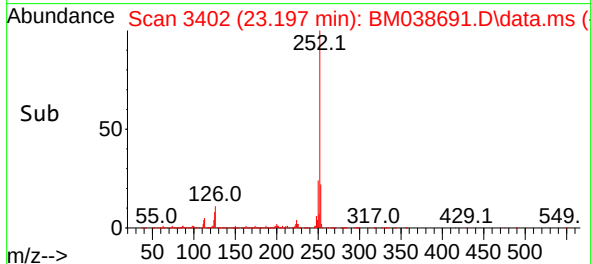
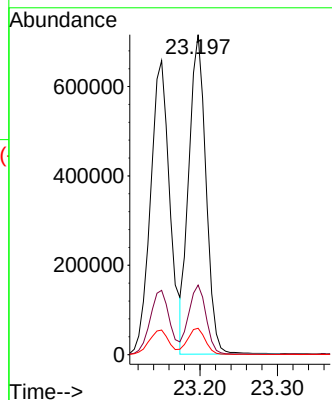
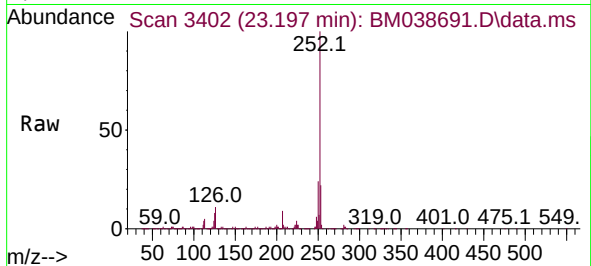
#89
Benzo(k)fluoranthene
Concen: 49.019 ng
RT: 23.197 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MSD

Tgt Ion:252 Resp: 109566
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.2 6.6 9.8

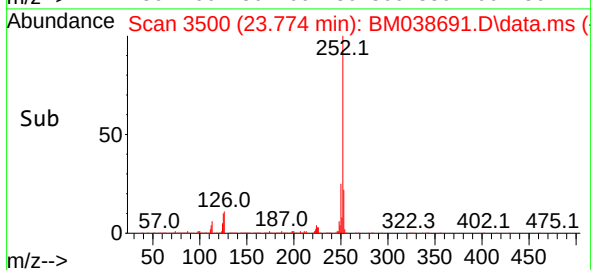
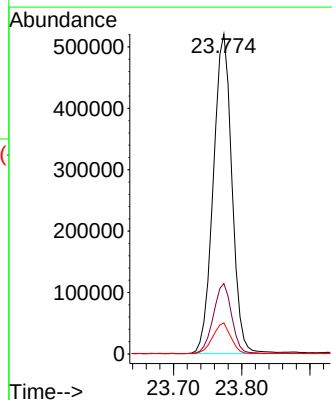
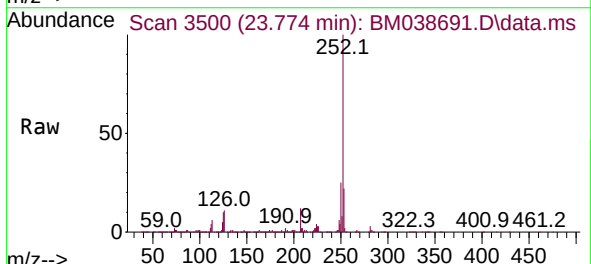
Manual Integrations
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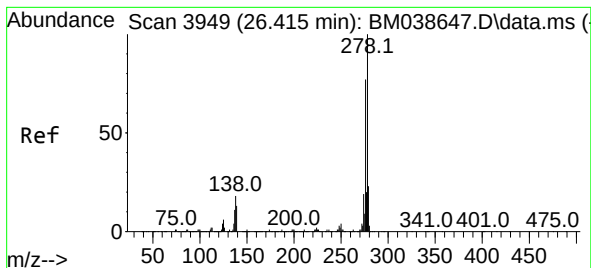
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#90
Benzo(a)pyrene
Concen: 45.156 ng
RT: 23.774 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM038691.D
Acq: 03 Feb 2023 22:25

Tgt Ion:252 Resp: 982931
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.7 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 48.137 ng

RT: 26.385 min Scan# 3949

Delta R.T. -0.012 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MSD

Tgt Ion:278 Resp: 1172289

Ion Ratio Lower Upper

278 100

139 13.0 10.5 15.7

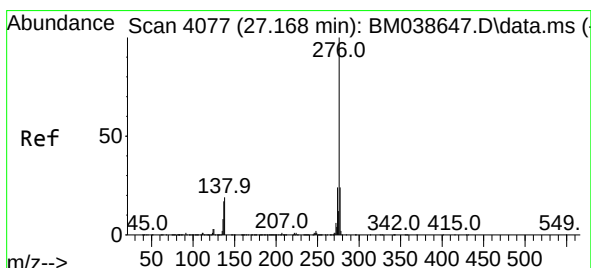
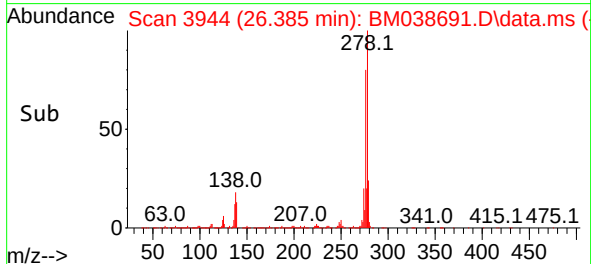
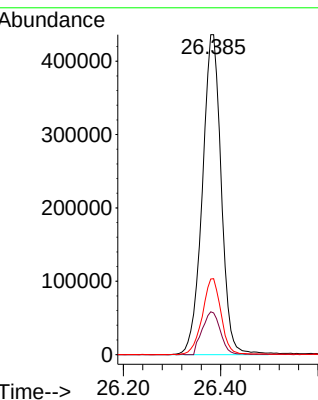
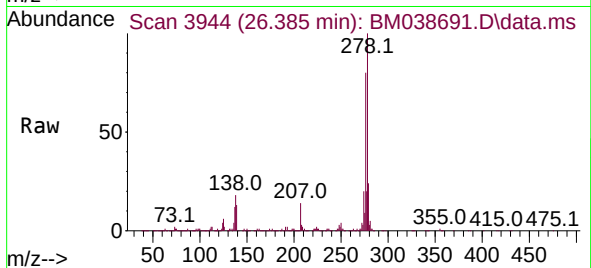
279 23.7 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#92

Benzo(g,h,i)perylene

Concen: 46.089 ng

RT: 27.138 min Scan# 4072

Delta R.T. -0.012 min

Lab File: BM038691.D

Acq: 03 Feb 2023 22:25

Tgt Ion:276 Resp: 1134570

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 18.2 15.3 22.9

