

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037478.D
 Acq On : 11 Nov 2022 21:53
 Operator : CG/JU
 Sample : N5531-08MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-33MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/12/2022
 Supervised By : Jagrut Upadhyay 11/12/2022

Quant Time: Nov 11 23:00:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	275619	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1037092	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	546213	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	962705	20.000	ng	0.00
76) Chrysene-d12	21.380	240	842986	20.000	ng	0.00
86) Perylene-d12	23.721	264	823401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1538694	96.449	ng	0.00
7) Phenol-d6	6.987	99	1930176	89.144	ng	0.00
23) Nitrobenzene-d5	8.975	82	1221130	59.406	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	710795	110.424	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2518233	61.257	ng	0.00
79) Terphenyl-d14	19.821	244	3069077	65.288	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	270684	41.435	ng	94
3) Pyridine	3.663	79	704399	36.193	ng	99
4) n-Nitrosodimethylamine	3.581	42	347233	40.819	ng	96
6) Aniline	7.139	93	1002675	37.880	ng	99
8) 2-Chlorophenol	7.369	128	852059	43.882	ng	98
9) Benzaldehyde	6.951	77	447528	40.833	ng	100
10) Phenol	7.016	94	984108	40.563	ng	99
11) bis(2-Chloroethyl)ether	7.239	93	807159	41.495	ng	98
12) 1,3-Dichlorobenzene	7.692	146	961420	45.312	ng	99
13) 1,4-Dichlorobenzene	7.839	146	990264	45.246	ng	98
14) 1,2-Dichlorobenzene	8.151	146	948059	45.103	ng	99
15) Benzyl Alcohol	8.057	79	663423	42.857	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.339	45	1129910	40.745	ng	99
17) 2-Methylphenol	8.263	107	661108	41.696	ng	99
18) Hexachloroethane	8.875	117	373727	48.420	ng	97
19) n-Nitroso-di-n-propyla...	8.622	70	594756	40.075	ng	98
20) 3+4-Methylphenols	8.592	107	870350	39.964	ng	99
22) Acetophenone	8.639	105	1205737	44.730	ng	# 99
24) Nitrobenzene	9.022	77	891782	42.792	ng	97
25) Isophorone	9.545	82	1528065	44.479	ng	99
26) 2-Nitrophenol	9.727	139	440883	47.256	ng	98
27) 2,4-Dimethylphenol	9.792	122	699560	50.525	ng	99
28) bis(2-Chloroethoxy)met...	10.027	93	987989	46.222	ng	100
29) 2,4-Dichlorophenol	10.263	162	709893	44.665	ng	98
30) 1,2,4-Trichlorobenzene	10.469	180	829293	46.011	ng	99
31) Naphthalene	10.657	128	2487946	42.343	ng	100
32) Benzoic acid	9.957	122	437472	36.648	ng	98
33) 4-Chloroaniline	10.780	127	609808	26.055	ng	99
34) Hexachlorobutadiene	10.927	225	488267	48.514	ng	99
35) Caprolactam	11.592	113	193919	40.133	ng	99
36) 4-Chloro-3-methylphenol	11.916	107	669015	40.846	ng	98
37) 2-Methylnaphthalene	12.269	142	1648027	41.397	ng	99
38) 1-Methylnaphthalene	12.486	142	1543964	39.692	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	844280	51.408	ng	99
41) Hexachlorocyclopentadiene	12.604	237	1031457	131.820	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	532236	47.077	ng	100

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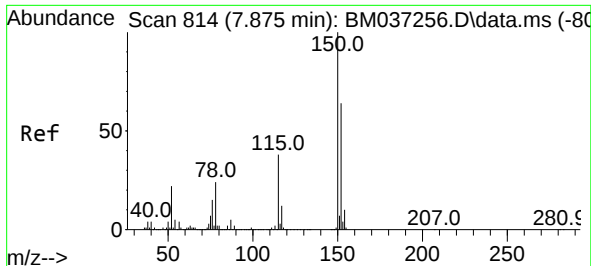
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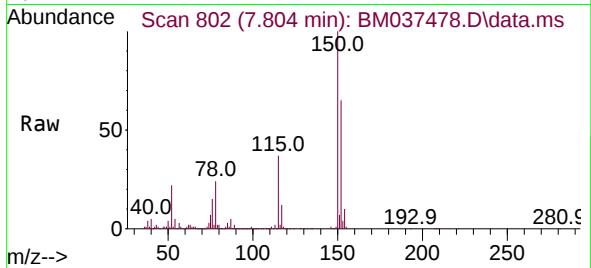
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	557930	44.736	ng	98
46) 1,1'-Biphenyl	13.286	154	2069179	46.943	ng	99
47) 2-Chloronaphthalene	13.327	162	1605636	45.774	ng	100
48) 2-Nitroaniline	13.545	65	428002	42.224	ng	97
49) Acenaphthylene	14.174	152	2411610	44.290	ng	100
50) Dimethylphthalate	13.921	163	1751402	41.979	ng	100
51) 2,6-Dinitrotoluene	14.045	165	386461	43.741	ng	97
52) Acenaphthene	14.515	154	1440869	42.803	ng	98
53) 3-Nitroaniline	14.374	138	291692	29.552	ng	99
54) 2,4-Dinitrophenol	14.586	184	406398	70.675	ng	95
55) Dibenzofuran	14.851	168	2229110	42.993	ng	100
56) 4-Nitrophenol	14.698	139	620343	78.782	ng	96
57) 2,4-Dinitrotoluene	14.833	165	512997	44.125	ng	96
58) Fluorene	15.498	166	1814452	41.925	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	451889	43.230	ng	97
60) Diethylphthalate	15.280	149	1713871	42.266	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	888227	44.362	ng	99
62) 4-Nitroaniline	15.539	138	360169m	36.384	ng	
63) Azobenzene	15.786	77	1647698	41.247	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	253035	38.754	ng	99
66) n-Nitrosodiphenylamine	15.715	169	1467770	45.106	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	520662	48.194	ng	99
68) Hexachlorobenzene	16.498	284	623675	47.703	ng	95
69) Atrazine	16.668	200	470727	57.493	ng	99
70) Pentachlorophenol	16.845	266	702568	92.350	ng	99
71) Phenanthrene	17.239	178	2535252	42.447	ng	100
72) Anthracene	17.327	178	2553021	45.151	ng	99
73) Carbazole	17.609	167	2221835	42.837	ng	100
74) Di-n-butylphthalate	18.168	149	2723161	47.548	ng	99
75) Fluoranthene	19.256	202	2671117	42.308	ng	98
77) Benzidine	19.456	184	1352735	107.615	ng	99
78) Pyrene	19.615	202	2789281	43.029	ng	100
80) Butylbenzylphthalate	20.521	149	1115055	48.167	ng	97
81) Benzo(a)anthracene	21.368	228	2505230	41.743	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	820342	46.539	ng	98
83) Chrysene	21.421	228	2390460	41.342	ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	1660105	53.430	ng	99
85) Di-n-octyl phthalate	22.197	149	2624744	53.639	ng	98
87) Indeno(1,2,3-cd)pyrene	26.138	276	3158577	46.850	ng	97
88) Benzo(b)fluoranthene	23.009	252	2526343	44.194	ng	99
89) Benzo(k)fluoranthene	23.056	252	2419458	41.494	ng	99
90) Benzo(a)pyrene	23.615	252	2167672	46.540	ng	99
91) Dibenzo(a,h)anthracene	26.150	278	2670617	47.701	ng	99
92) Benzo(g,h,i)perylene	26.879	276	2688046	49.332	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

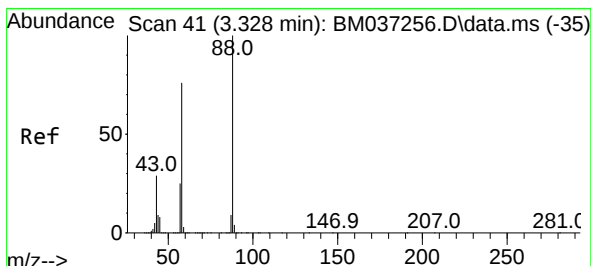
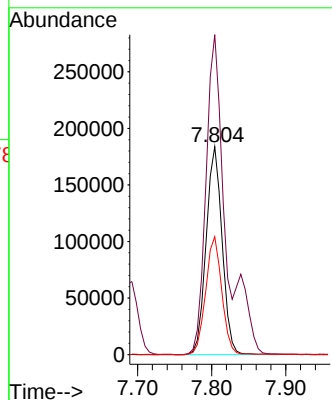
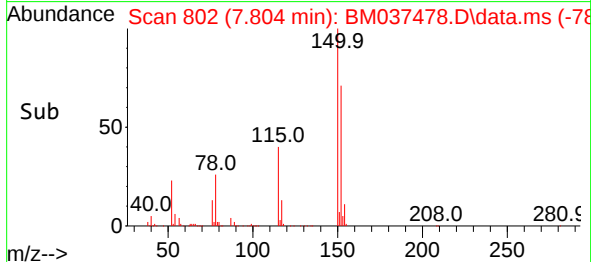
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:152 Resp: 275619
Ion Ratio Lower Upper
152 100
150 153.9 124.8 187.2
115 56.7 47.0 70.4

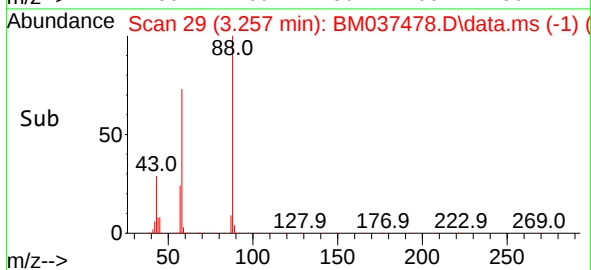
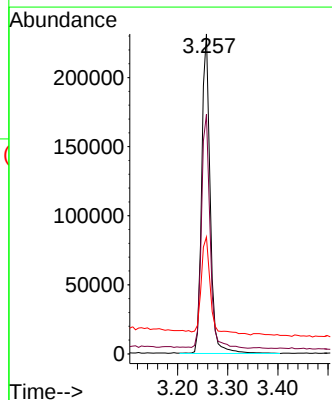
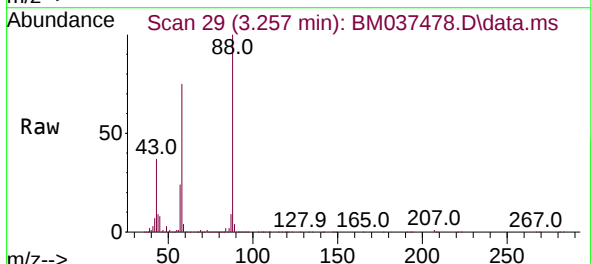
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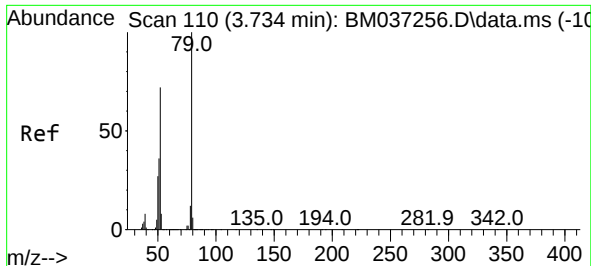
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#2
1,4-Dioxane
Concen: 41.435 ng
RT: 3.257 min Scan# 29
Delta R.T. 0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

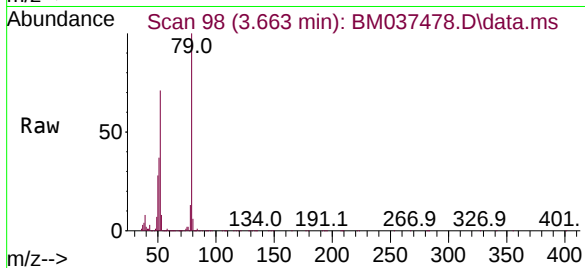
Tgt Ion: 88 Resp: 270684
Ion Ratio Lower Upper
88 100
58 74.8 63.5 95.3
43 34.0 24.2 36.4





#3
Pyridine
Concen: 36.193 ng
RT: 3.663 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

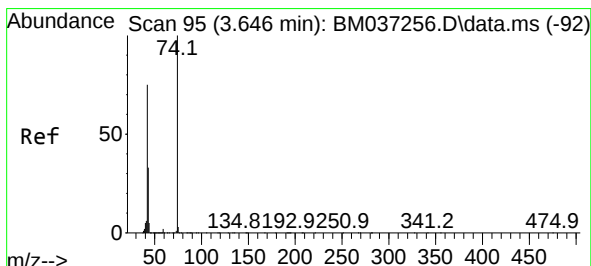
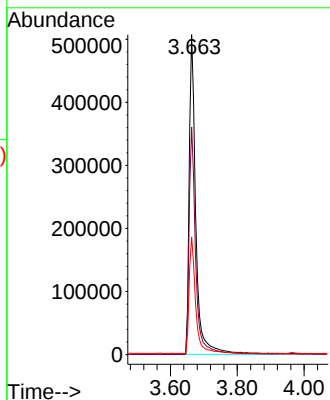
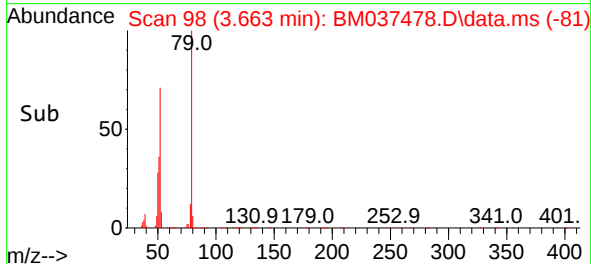
Instrument :
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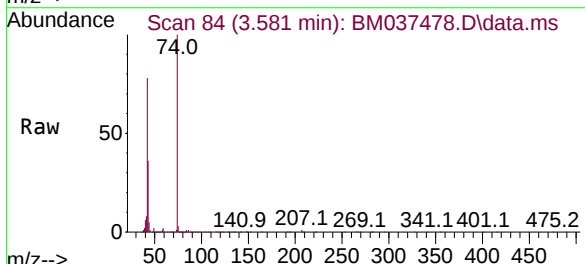
Tgt Ion: 79 Resp: 704399
Ion Ratio Lower Upper
79 100
52 71.1 57.8 86.6
51 36.8 29.0 43.6

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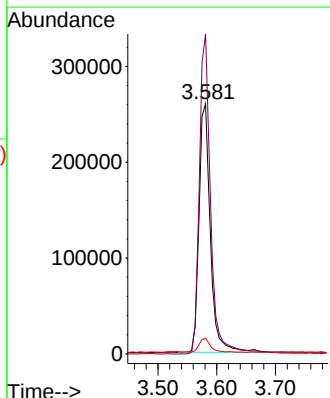
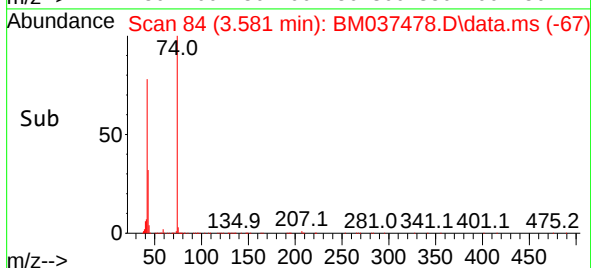
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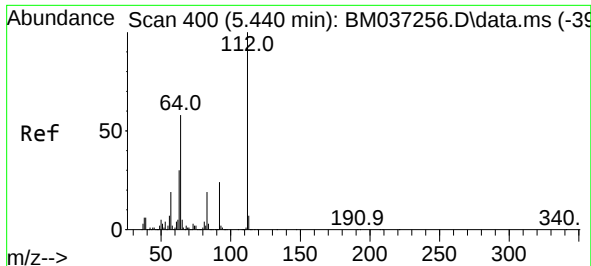


#4
n-Nitrosodimethylamine
Concen: 40.819 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



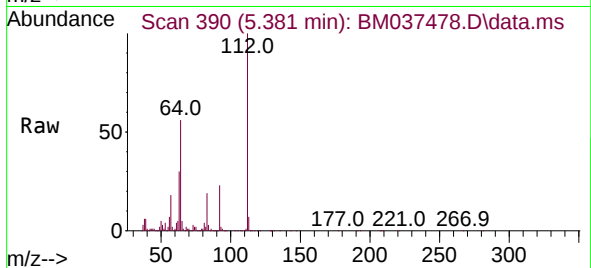
Tgt Ion: 42 Resp: 347233
Ion Ratio Lower Upper
42 100
74 128.0 106.2 159.2
44 6.2 5.4 8.0





#5
2-Fluorophenol
Concen: 96.449 ng
RT: 5.381 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

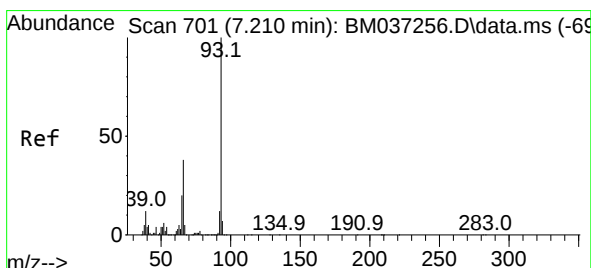
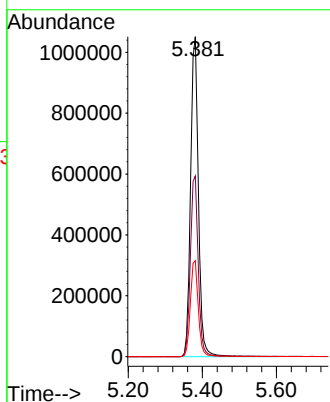
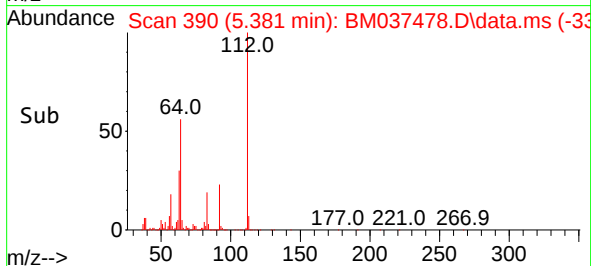
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Tgt Ion:112 Resp: 1538694
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 30.0 24.4 36.6

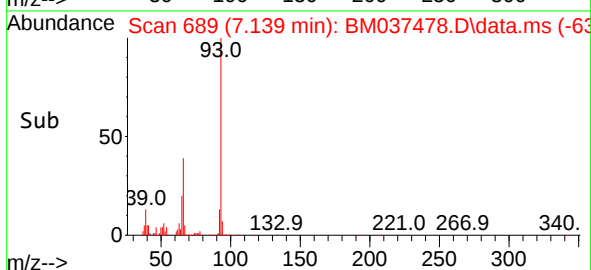
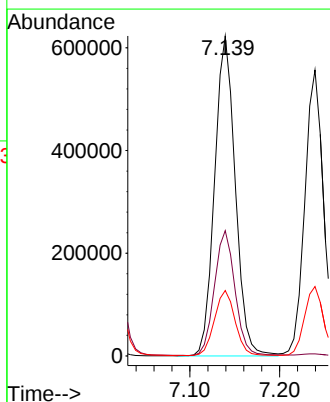
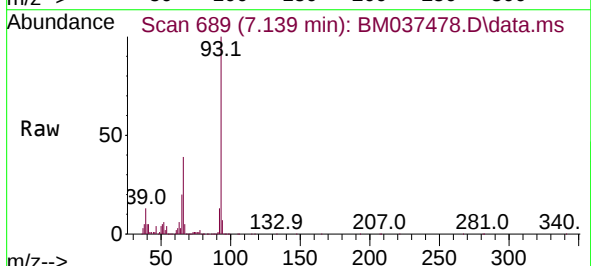
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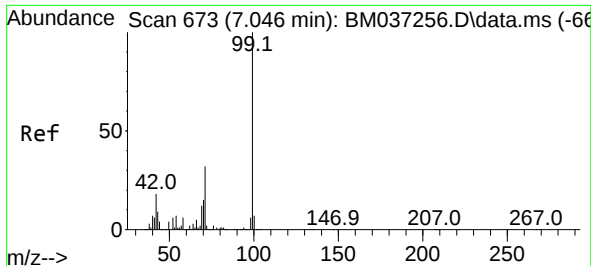
Reviewed By :Christian Giraldo 11/12/2022
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#6
Aniline
Concen: 37.880 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion: 93 Resp: 1002675
Ion Ratio Lower Upper
93 100
66 39.1 30.4 45.6
65 20.5 16.2 24.2





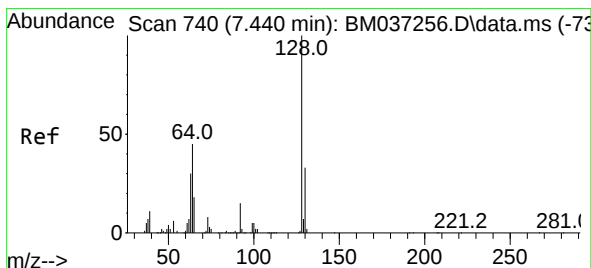
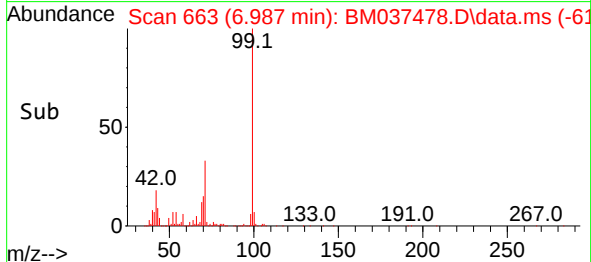
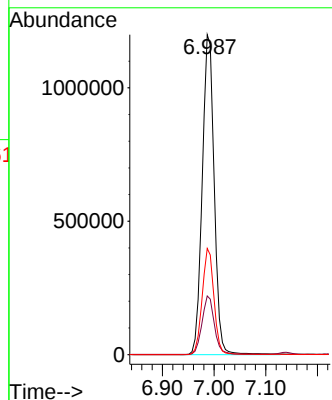
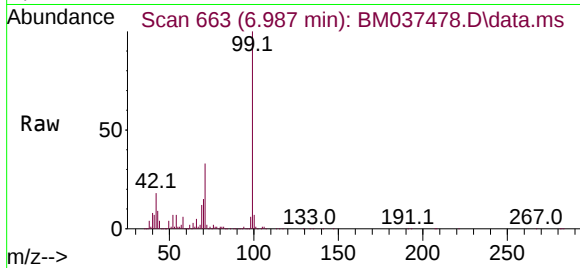
#7
Phenol-d6
Concen: 89.144 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
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Tgt Ion: 99 Resp: 1930176
Ion Ratio Lower Upper
99 100
42 18.3 14.8 22.2
71 33.2 25.6 38.4

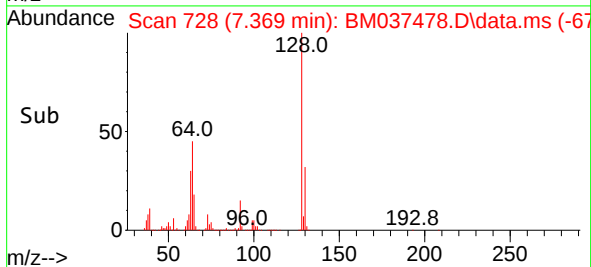
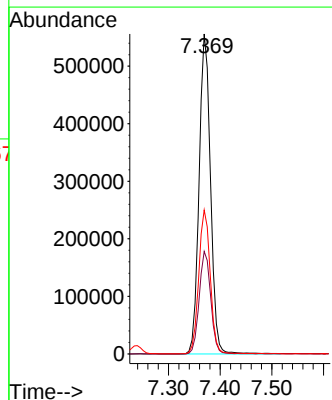
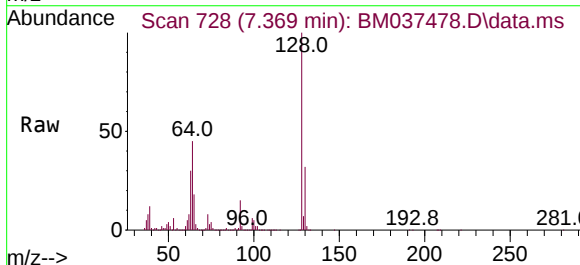
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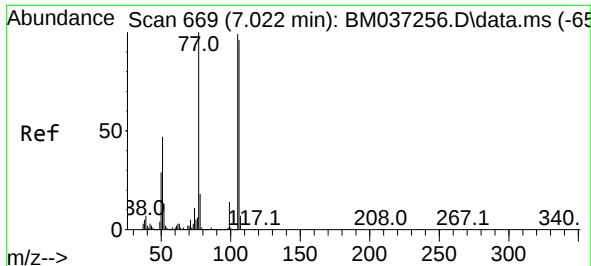
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#8
2-Chlorophenol
Concen: 43.882 ng
RT: 7.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

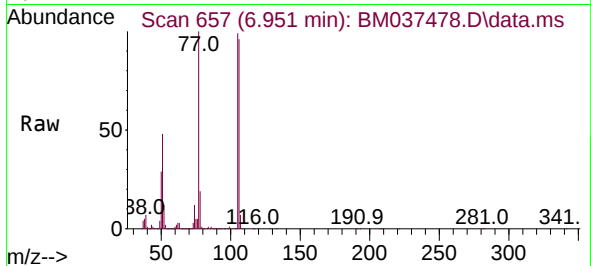
Tgt Ion:128 Resp: 852059
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 45.0 26.4 66.4





#9
Benzaldehyde
Concen: 40.833 ng
RT: 6.951 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

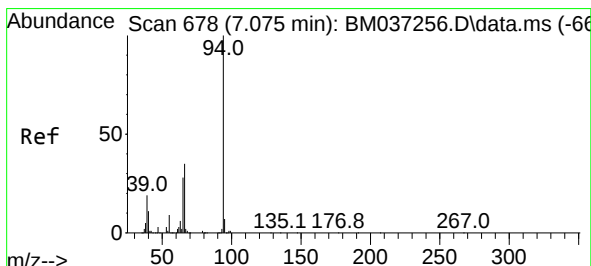
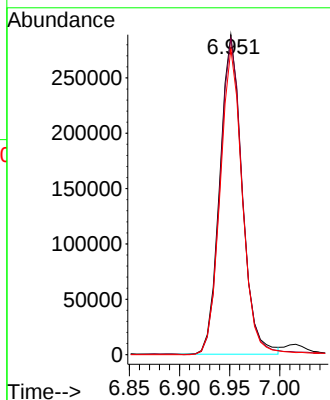
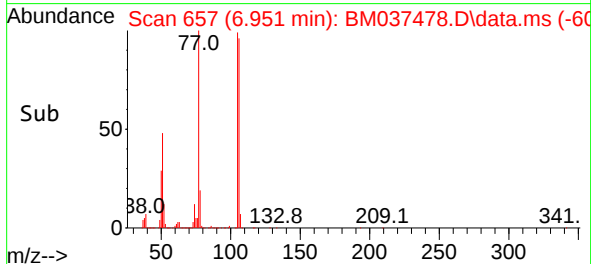
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion: 77 Resp: 447528
Ion Ratio Lower Upper
77 100
105 98.8 78.6 118.6
106 95.5 75.8 115.8

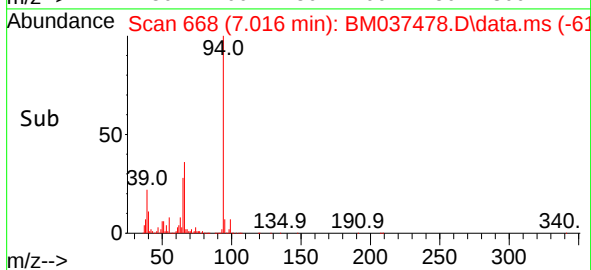
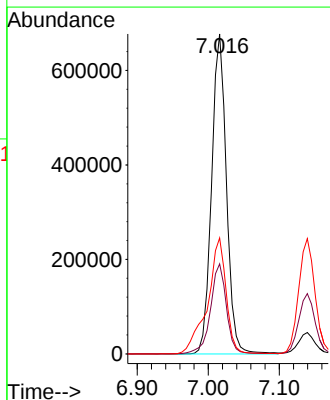
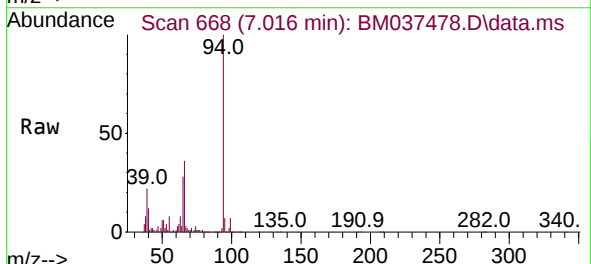
Manual Integrations
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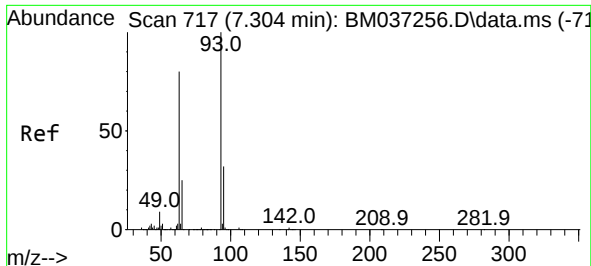
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Supervised By :Jagrut Upadhyay 11/12/2022



#10
Phenol
Concen: 40.563 ng
RT: 7.016 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

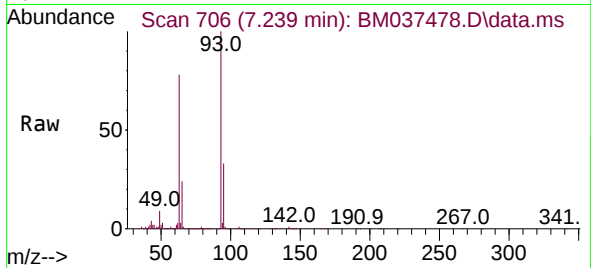
Tgt Ion: 94 Resp: 984108
Ion Ratio Lower Upper
94 100
65 28.1 8.1 48.1
66 36.2 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 41.495 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

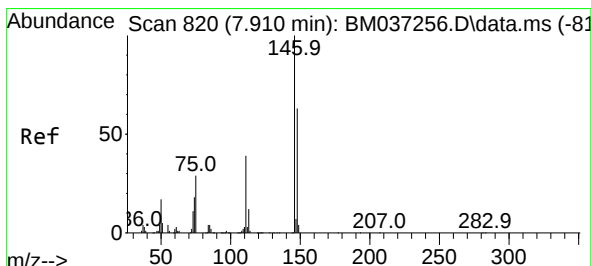
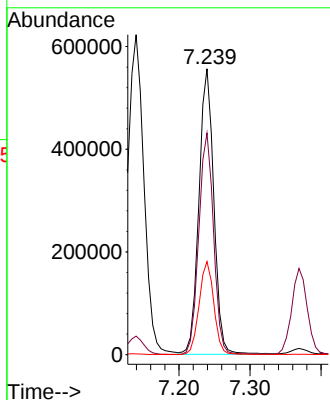
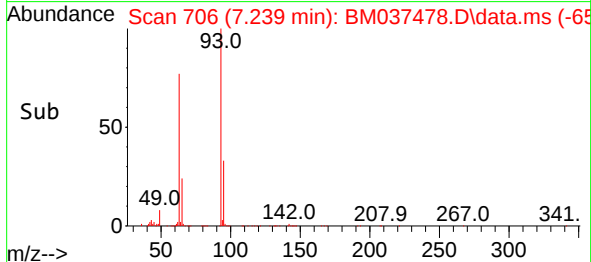
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion: 93 Resp: 807159
Ion Ratio Lower Upper
93 100
63 77.5 59.3 99.3
95 32.5 12.0 52.0

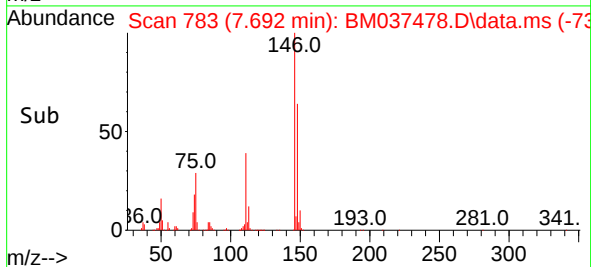
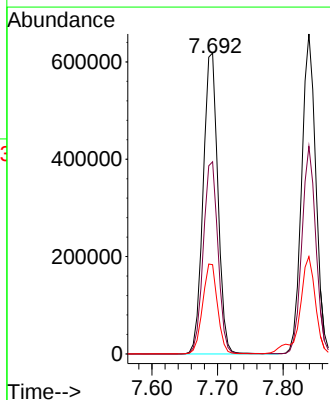
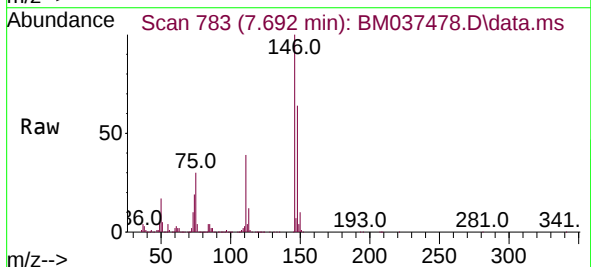
Manual Integrations
APPROVED

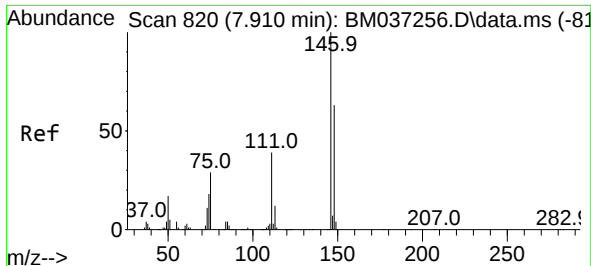
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#12
1,3-Dichlorobenzene
Concen: 45.312 ng
RT: 7.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion:146 Resp: 961420
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 29.6 24.5 36.7





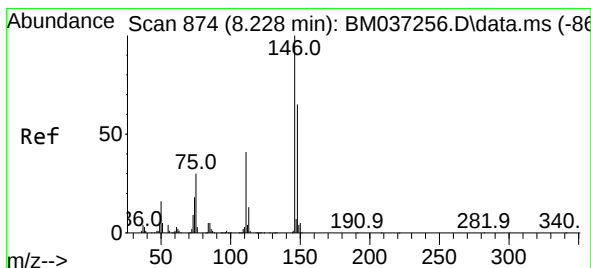
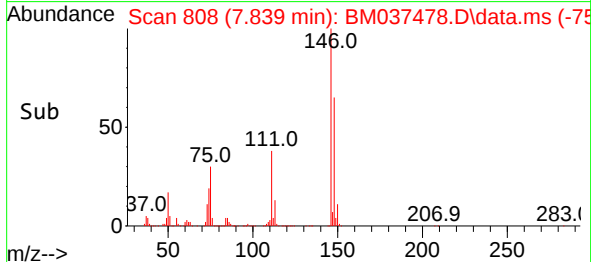
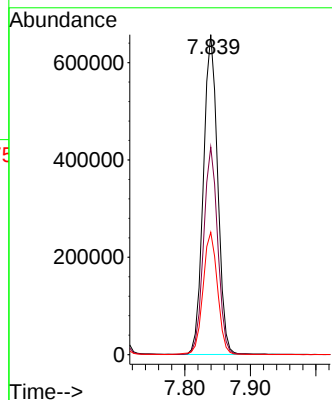
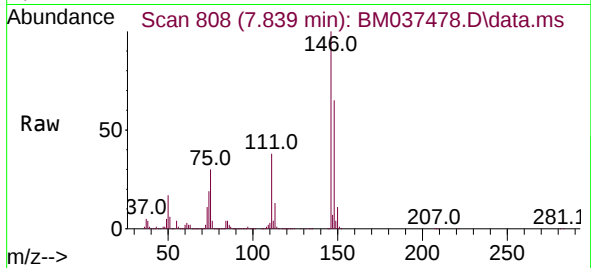
#13
1,4-Dichlorobenzene
Concen: 45.246 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:146 Resp: 990264
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
111 38.2 31.1 46.7

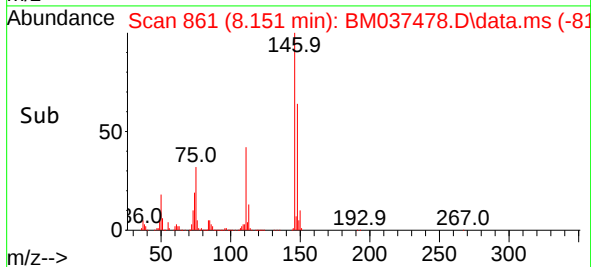
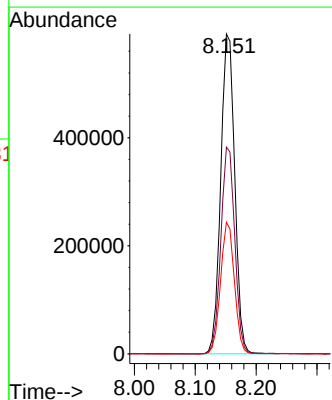
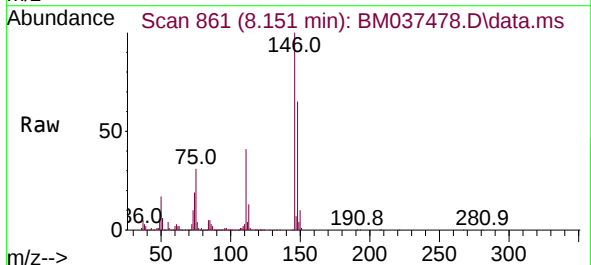
Manual Integrations
APPROVED

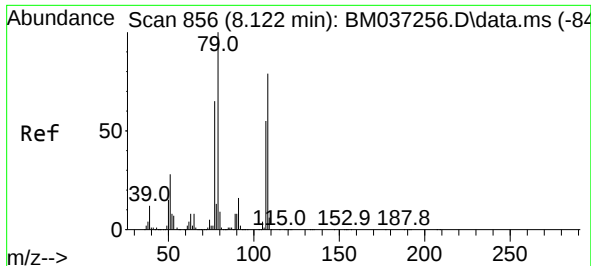
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#14
1,2-Dichlorobenzene
Concen: 45.103 ng
RT: 8.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

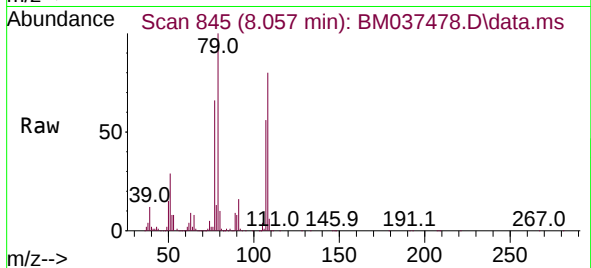
Tgt Ion:146 Resp: 948059
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
111 41.1 33.0 49.6





#15
Benzyl Alcohol
Concen: 42.857 ng
RT: 8.057 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

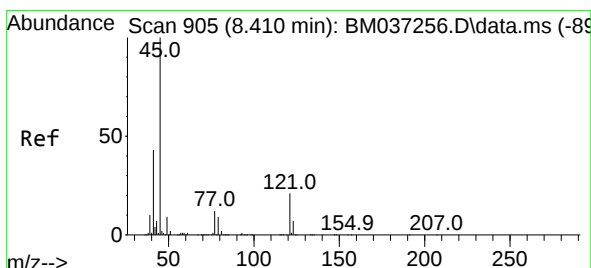
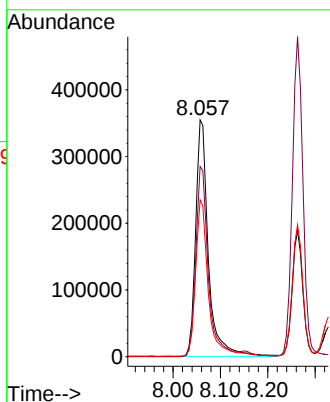
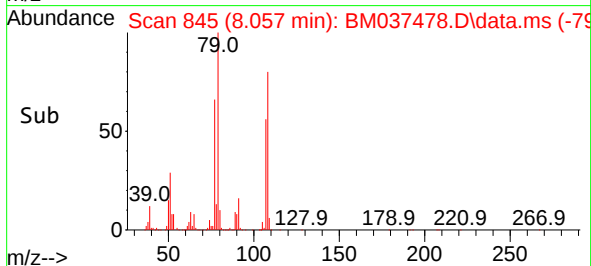
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion: 79 Resp: 663423
Ion Ratio Lower Upper
79 100
108 80.3 63.1 94.7
77 66.2 51.7 77.5

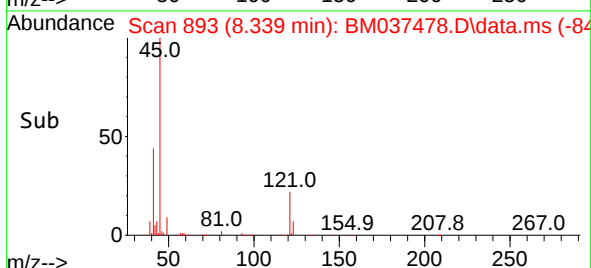
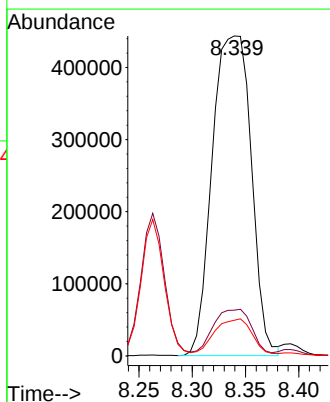
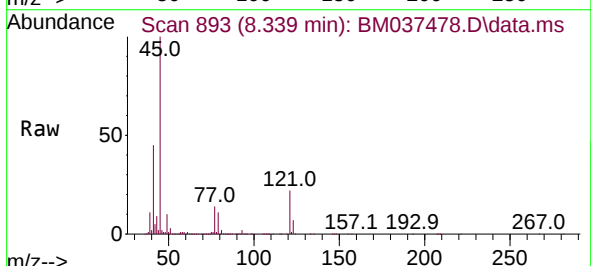
Manual Integrations
APPROVED

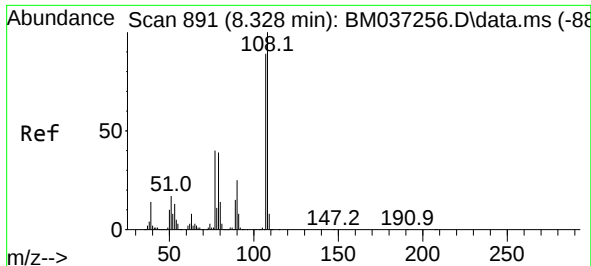
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.745 ng
RT: 8.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

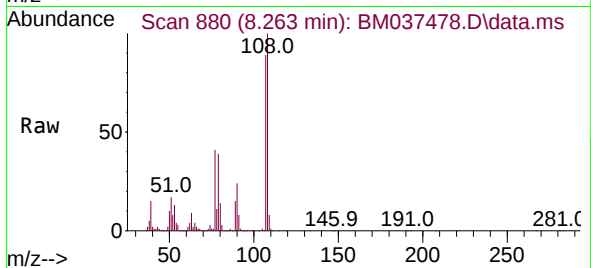
Tgt Ion: 45 Resp: 1129910
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 11.1 0.0 30.6





#17
2-Methylphenol
Concen: 41.696 ng
RT: 8.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

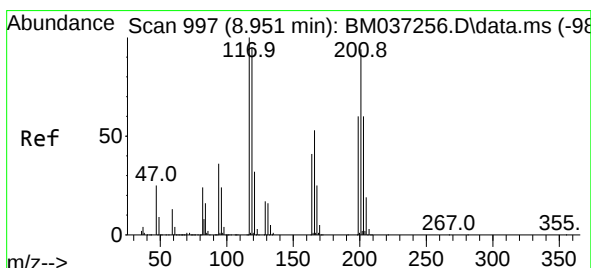
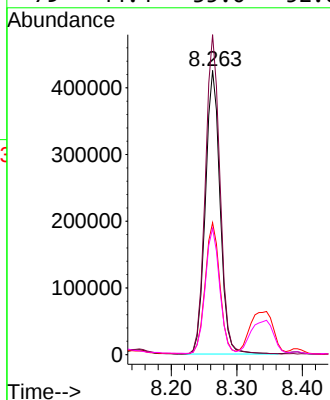
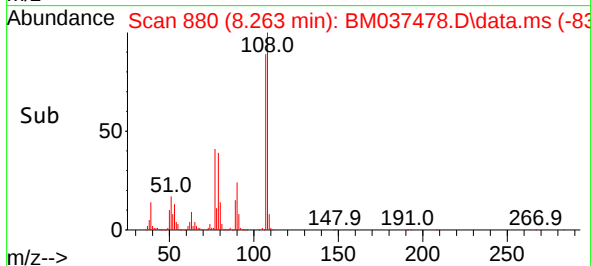
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:107 Resp: 661108
Ion Ratio Lower Upper
107 100
108 112.7 89.5 134.3
77 46.5 36.2 54.2
79 44.4 35.0 52.6

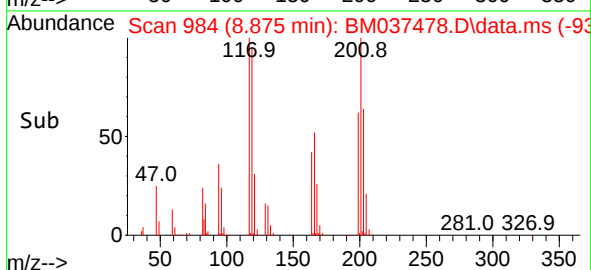
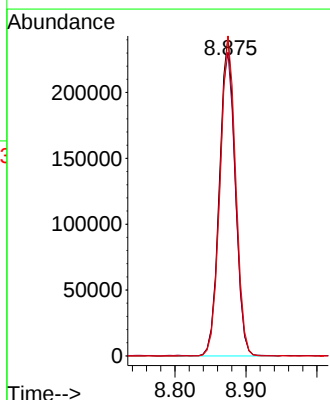
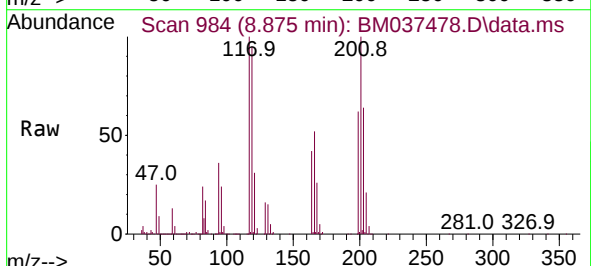
Manual Integrations
APPROVED

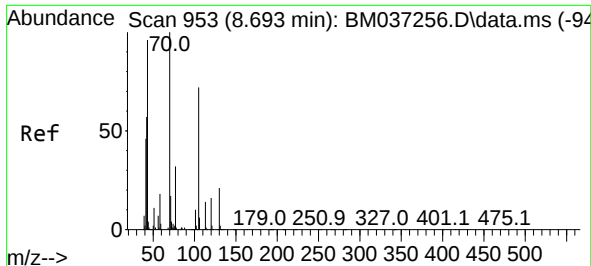
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#18
Hexachloroethane
Concen: 48.420 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

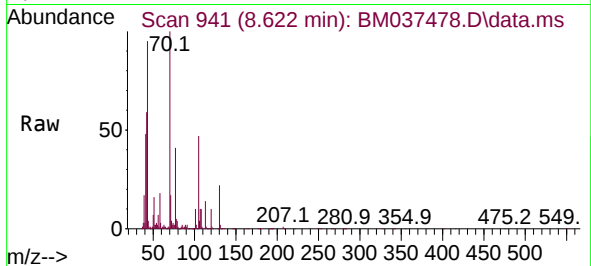
Tgt Ion:117 Resp: 373727
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9
201 100.0 75.0 112.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.075 ng
RT: 8.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

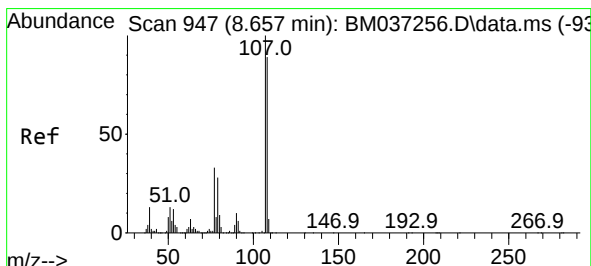
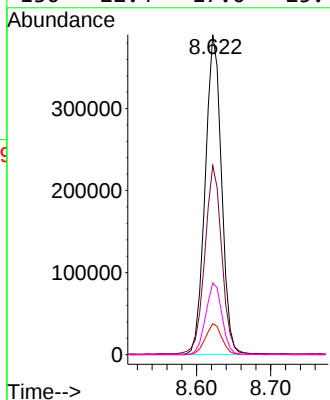
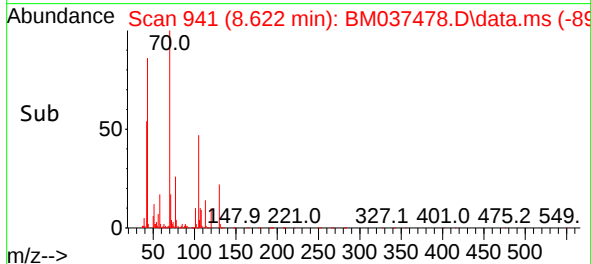
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



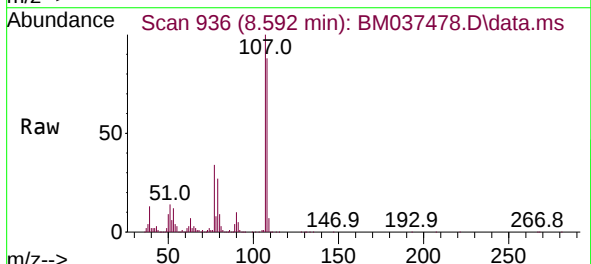
Tgt Ion: 70 Resp: 594756
Ion Ratio Lower Upper
70 100
42 59.1 46.4 69.6
101 9.7 7.8 11.8
130 22.4 17.0 25.4

Manual Integrations
APPROVED

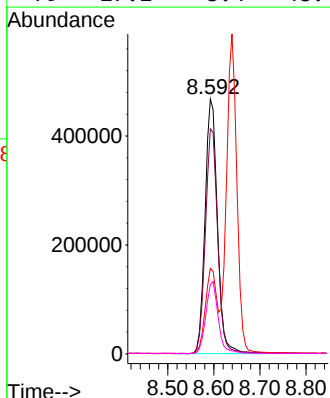
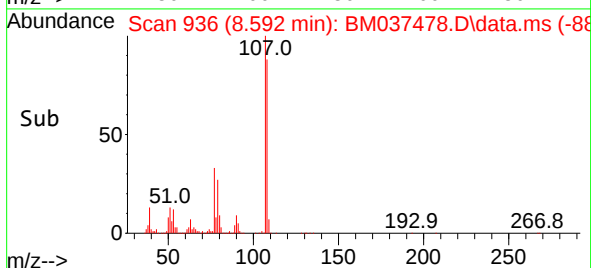
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

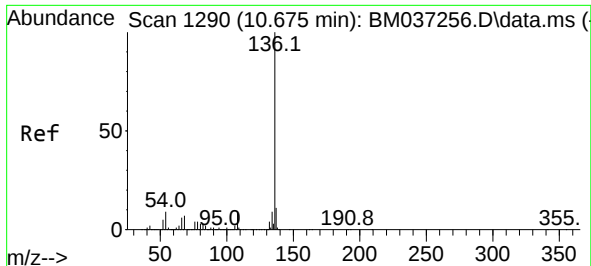


#20
3+4-Methylphenols
Concen: 39.964 ng
RT: 8.592 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



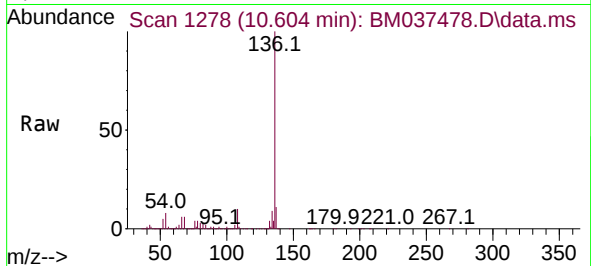
Tgt Ion:107 Resp: 870350
Ion Ratio Lower Upper
107 100
108 88.3 69.4 109.4
77 33.5 12.8 52.8
79 27.2 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

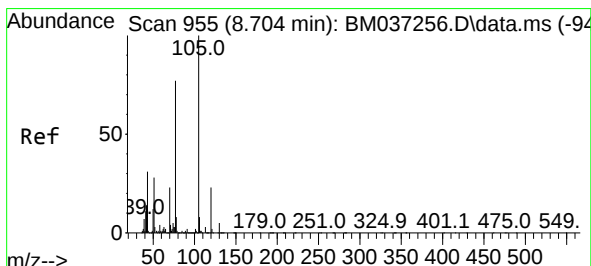
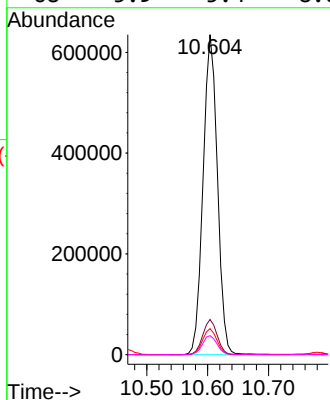
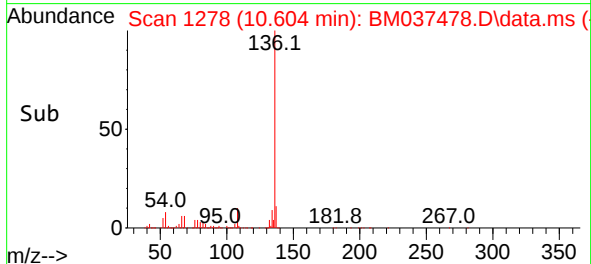
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:136 Resp: 1037092
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.1 7.0 10.4
68 5.9 5.4 8.0

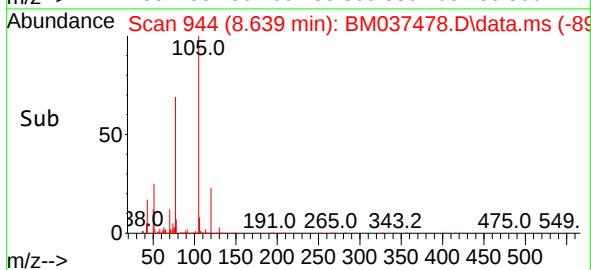
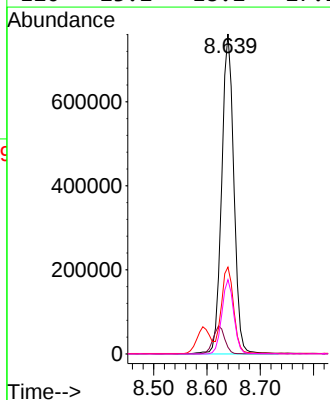
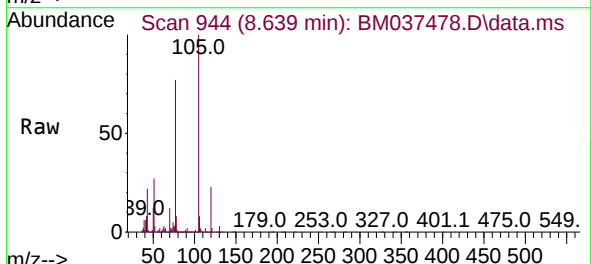
Manual Integrations
APPROVED

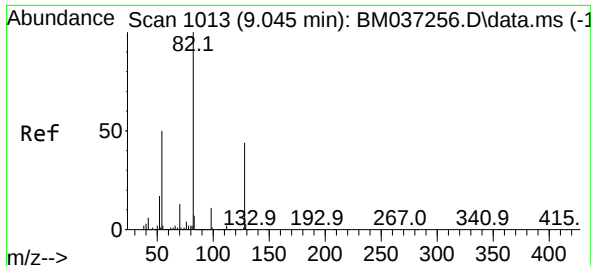
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#22
Acetophenone
Concen: 44.730 ng
RT: 8.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

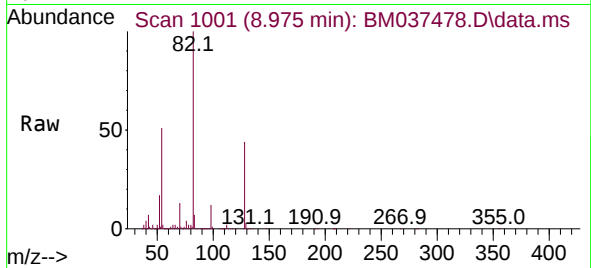
Tgt Ion:105 Resp: 1205737
Ion Ratio Lower Upper
105 100
71 2.1 3.0 4.4#
51 27.1 22.1 33.1
120 23.2 18.2 27.2





#23
Nitrobenzene-d5
Concen: 59.406 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

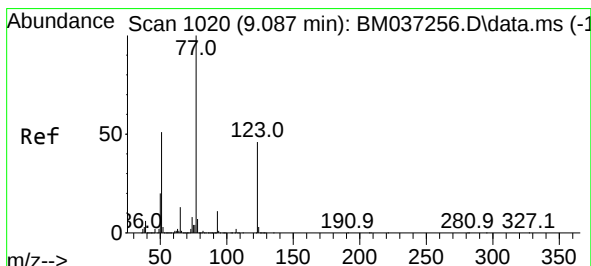
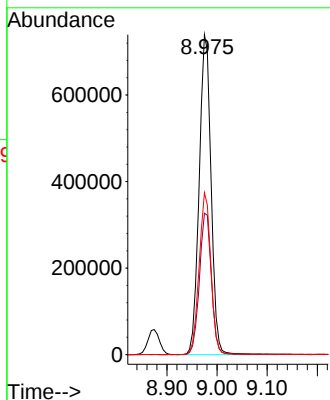
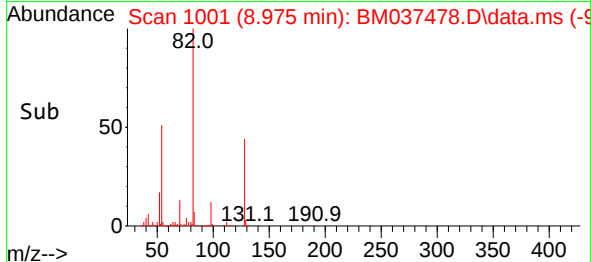
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion: 82 Resp: 1221130
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 50.6 40.4 60.6

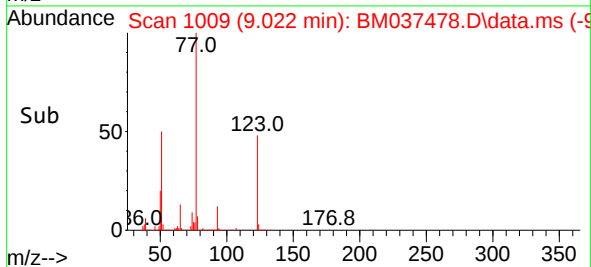
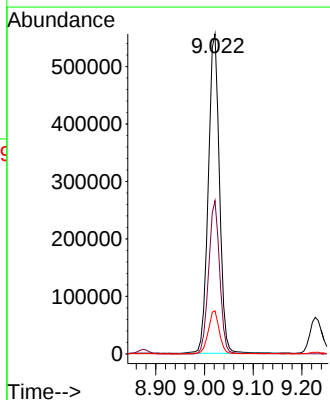
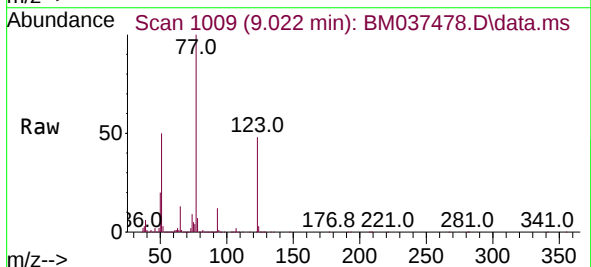
Manual Integrations
APPROVED

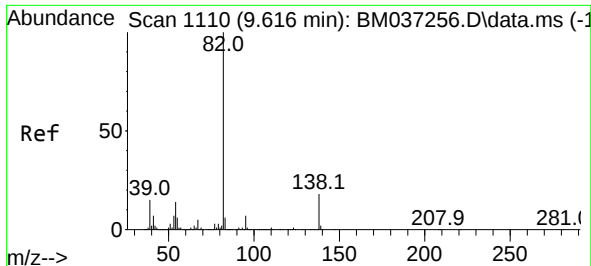
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#24
Nitrobenzene
Concen: 42.792 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

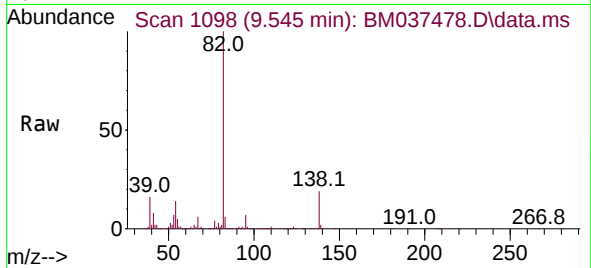
Tgt Ion: 77 Resp: 891782
Ion Ratio Lower Upper
77 100
123 47.9 36.6 55.0
65 13.5 10.6 16.0





#25
Isophorone
Concen: 44.479 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

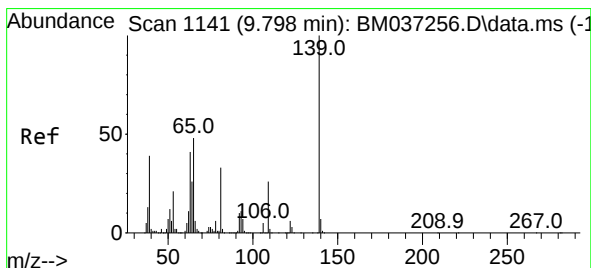
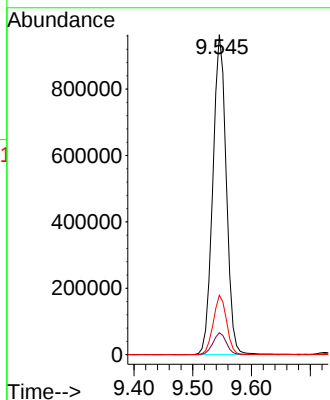
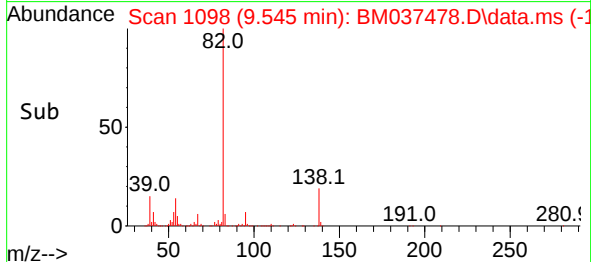
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion: 82 Resp: 1528065
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.6 14.2 21.4

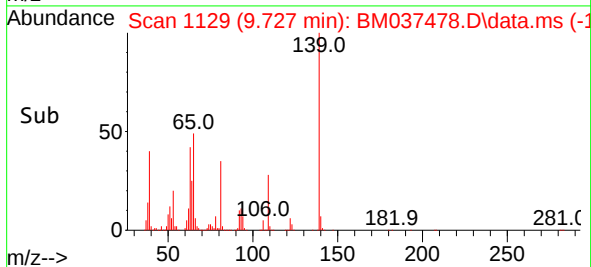
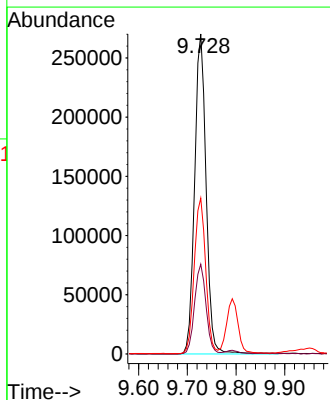
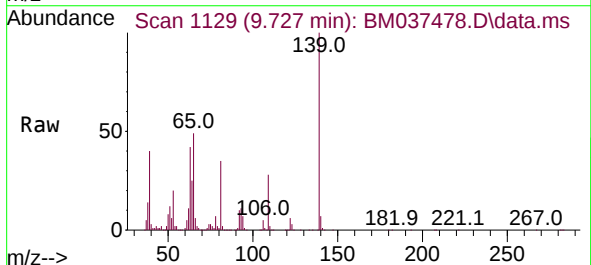
Manual Integrations
APPROVED

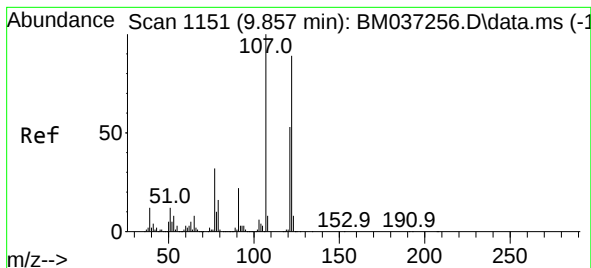
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#26
2-Nitrophenol
Concen: 47.256 ng
RT: 9.727 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

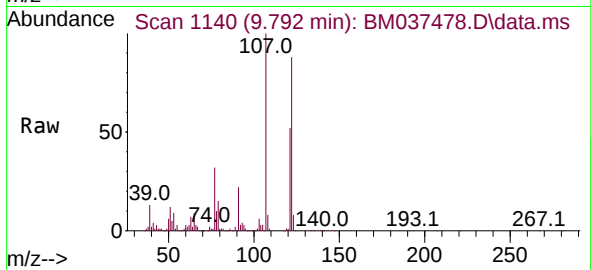
Tgt Ion:139 Resp: 440883
Ion Ratio Lower Upper
139 100
109 28.1 21.1 31.7
65 48.7 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 50.525 ng
RT: 9.792 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

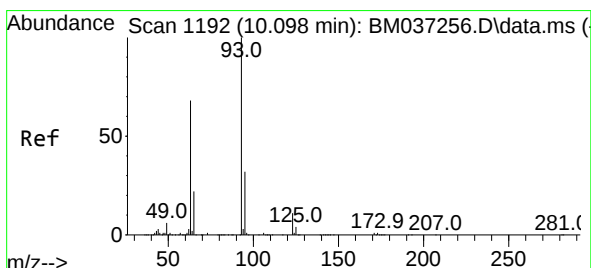
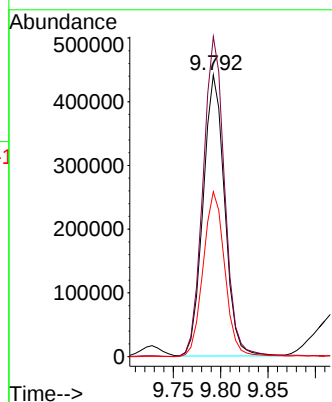
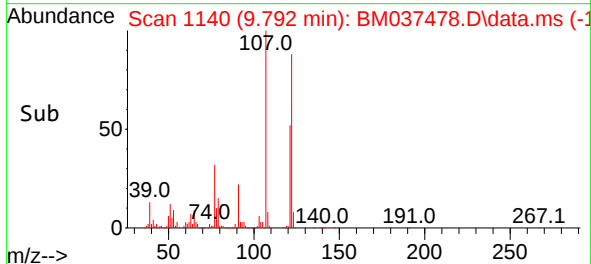
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:122 Resp: 699560
Ion Ratio Lower Upper
122 100
107 113.6 89.7 134.5
121 58.5 47.1 70.7

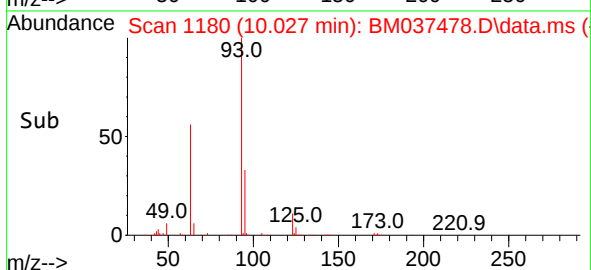
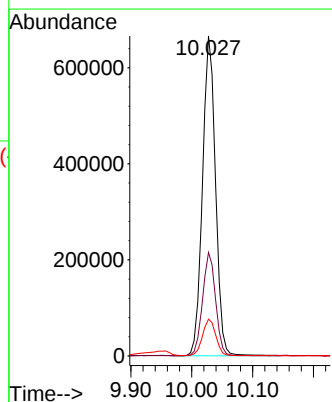
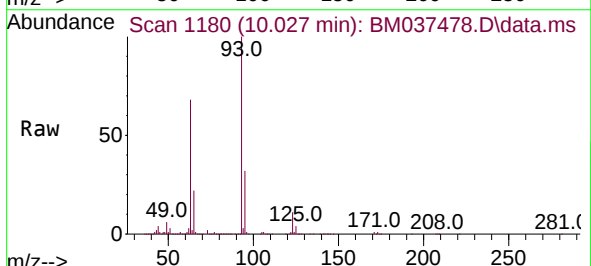
Manual Integrations
APPROVED

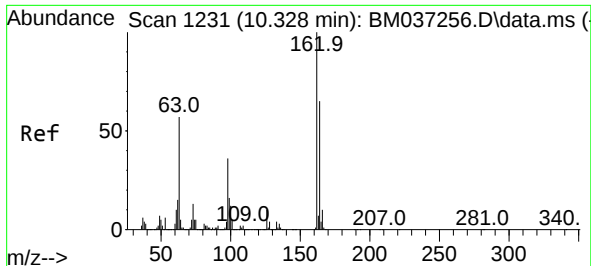
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#28
bis(2-Chloroethoxy)methane
Concen: 46.222 ng
RT: 10.027 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

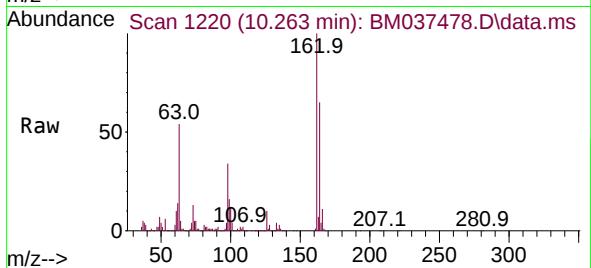
Tgt Ion: 93 Resp: 987989
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 11.5 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 44.665 ng
RT: 10.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

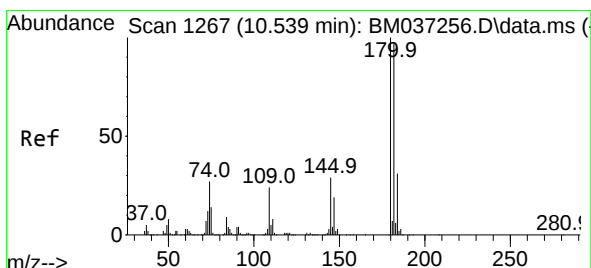
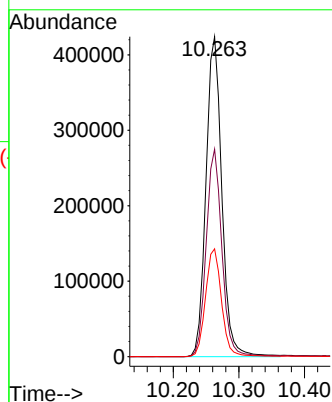
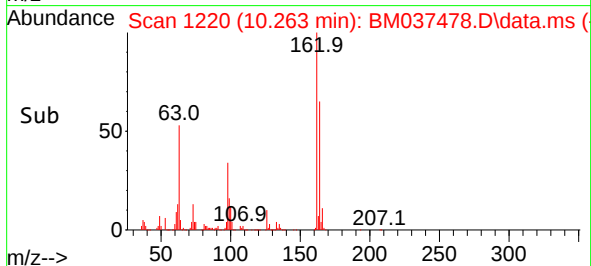
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



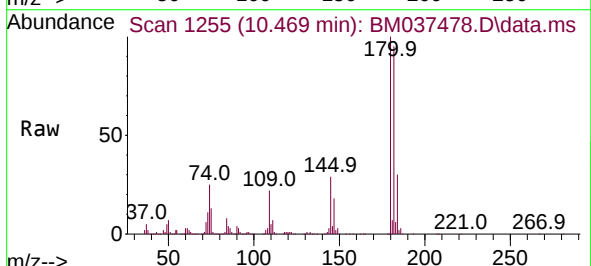
Tgt Ion:162 Resp: 709893
Ion Ratio Lower Upper
162 100
164 64.8 45.0 85.0
98 33.7 16.2 56.2

Manual Integrations
APPROVED

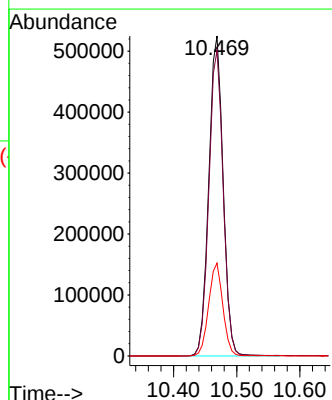
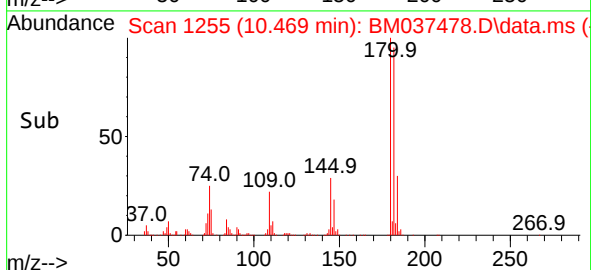
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

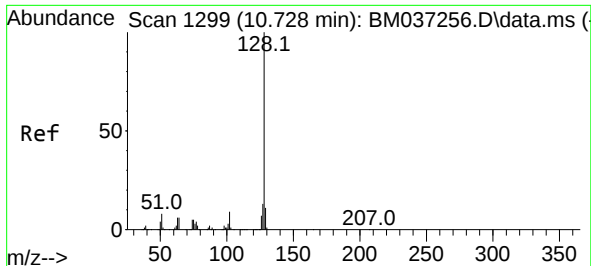


#30
1,2,4-Trichlorobenzene
Concen: 46.011 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



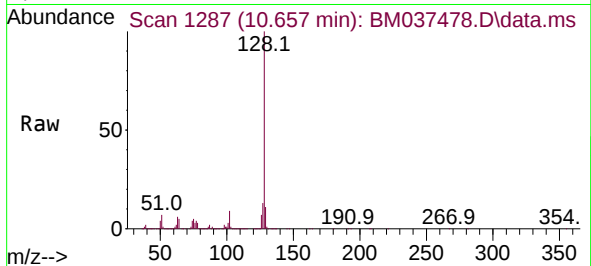
Tgt Ion:180 Resp: 829293
Ion Ratio Lower Upper
180 100
182 95.5 77.5 116.3
145 29.0 23.5 35.3





#31
Naphthalene
Concen: 42.343 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

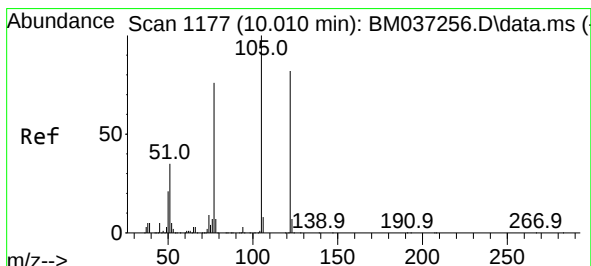
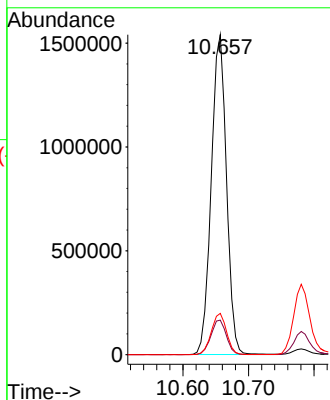
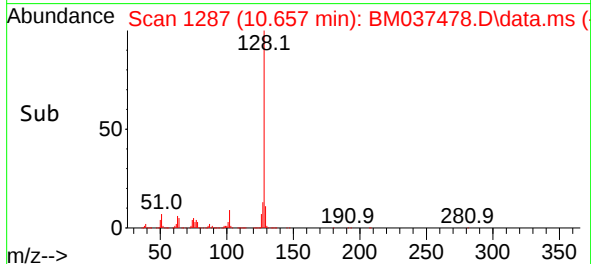
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:128 Resp: 2487946
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.2 15.2

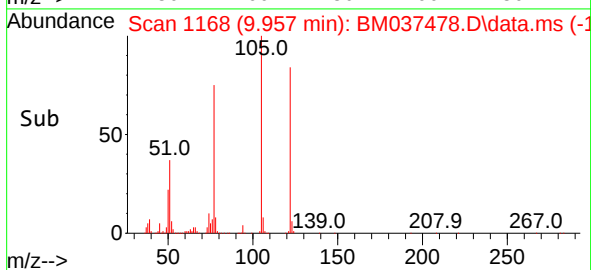
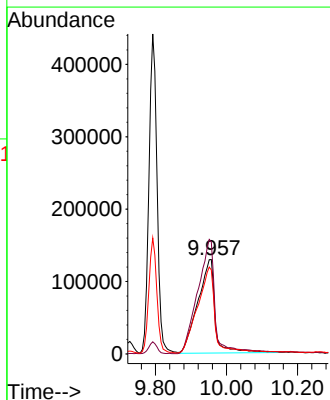
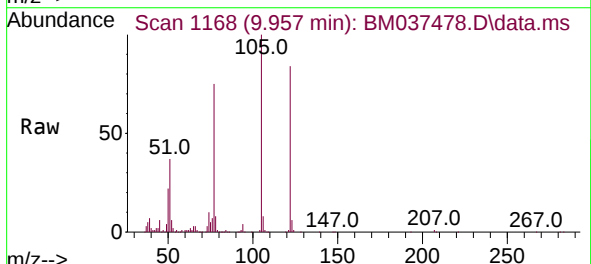
Manual Integrations
APPROVED

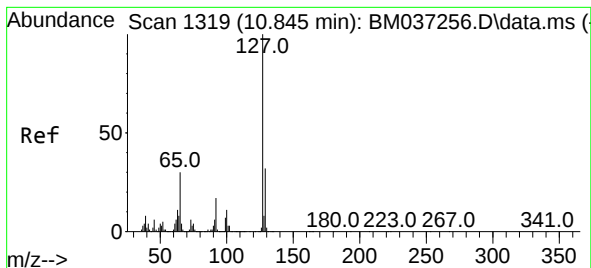
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#32
Benzoic acid
Concen: 36.648 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.024 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion:122 Resp: 437472
Ion Ratio Lower Upper
122 100
105 118.7 100.1 140.1
77 89.0 71.7 111.7





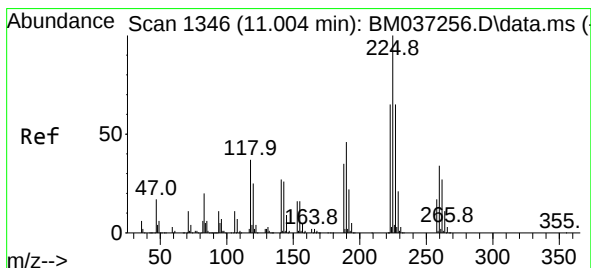
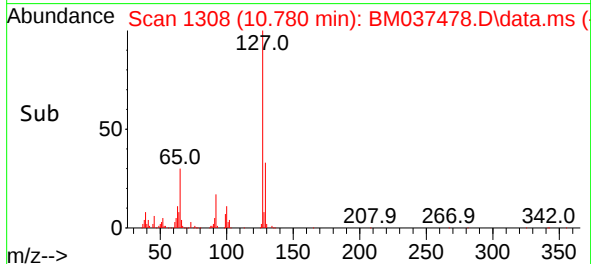
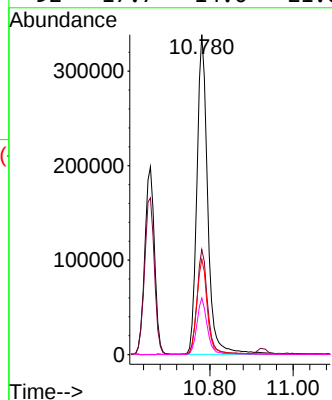
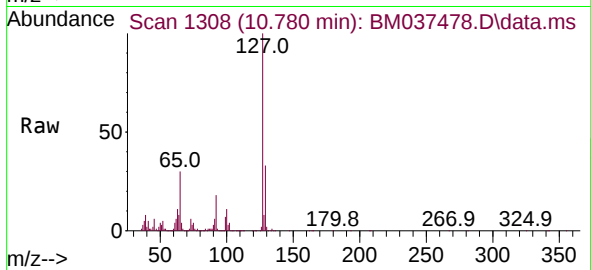
#33
4-Chloroaniline
Concen: 26.055 ng
RT: 10.780 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:127 Resp: 609808
Ion Ratio Lower Upper
127 100
129 32.8 25.5 38.3
65 29.8 24.0 36.0
92 17.7 14.0 21.0

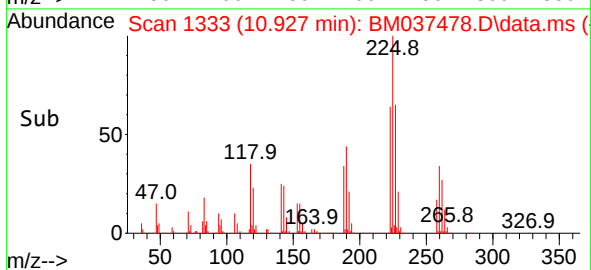
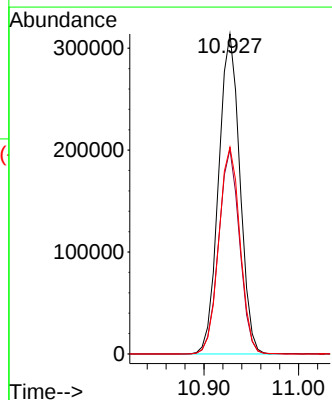
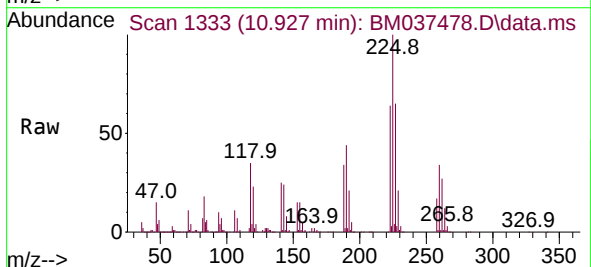
Manual Integrations
APPROVED

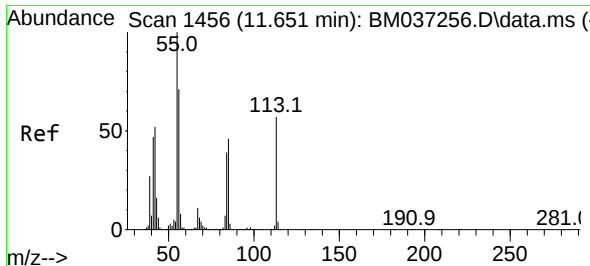
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#34
Hexachlorobutadiene
Concen: 48.514 ng
RT: 10.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

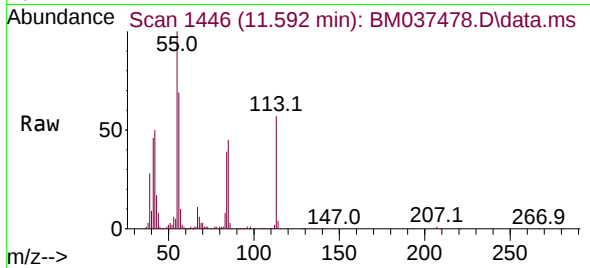
Tgt Ion:225 Resp: 488267
Ion Ratio Lower Upper
225 100
223 64.0 51.9 77.9
227 64.6 52.2 78.4





#35
Caprolactam
Concen: 40.133 ng
RT: 11.592 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

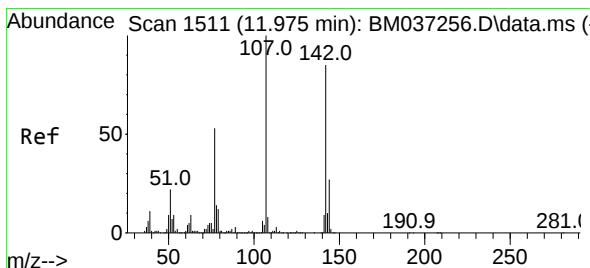
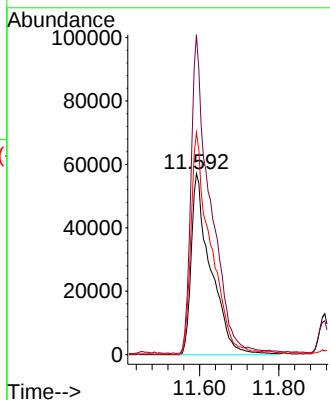
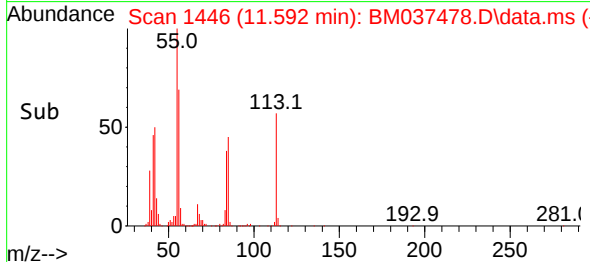
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



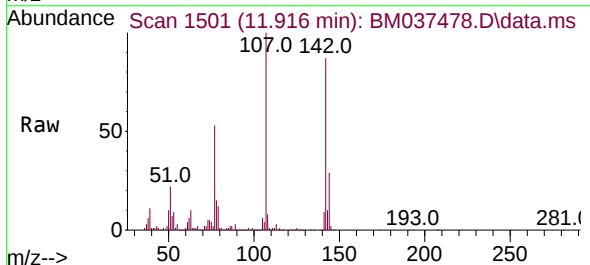
Tgt Ion:113 Resp: 193919
Ion Ratio Lower Upper
113 100
55 176.7 156.9 196.9
56 122.8 106.4 146.4

Manual Integrations
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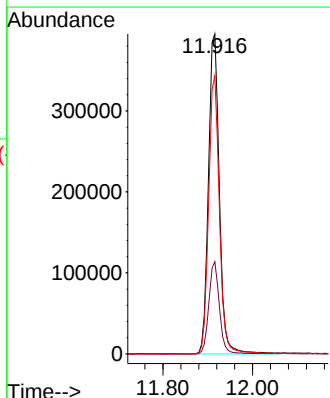
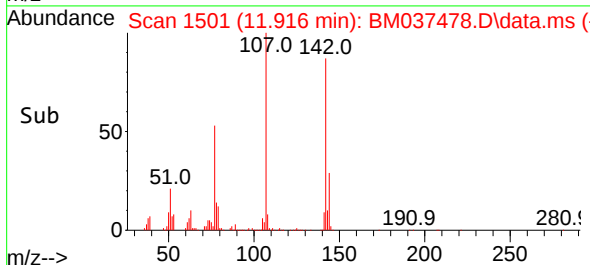
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

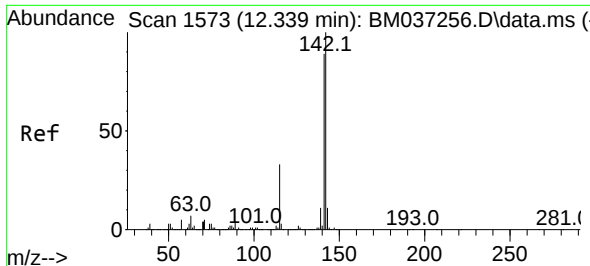


#36
4-Chloro-3-methylphenol
Concen: 40.846 ng
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



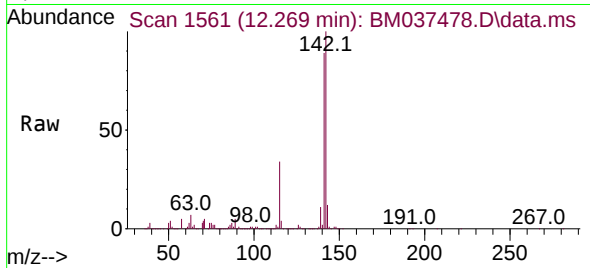
Tgt Ion:107 Resp: 669015
Ion Ratio Lower Upper
107 100
144 28.8 21.8 32.6
142 86.9 68.1 102.1





#37
2-Methylnaphthalene
Concen: 41.397 ng
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

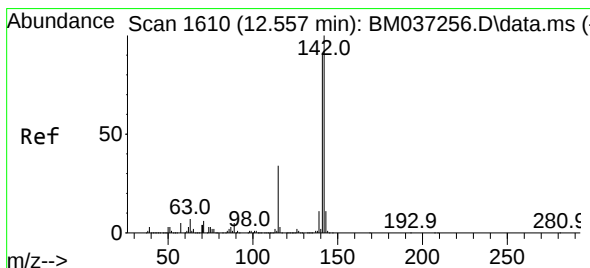
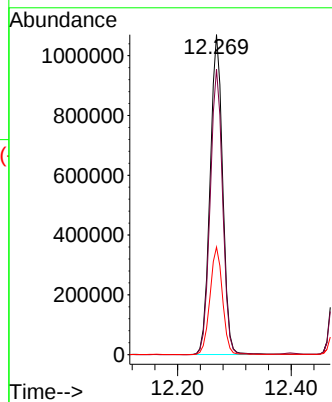
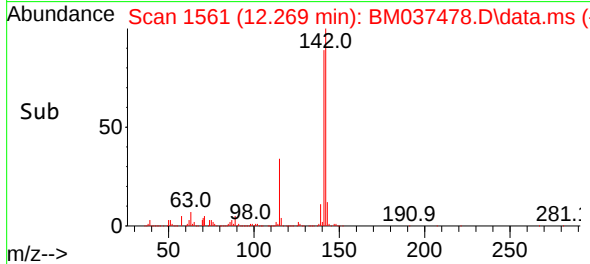
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



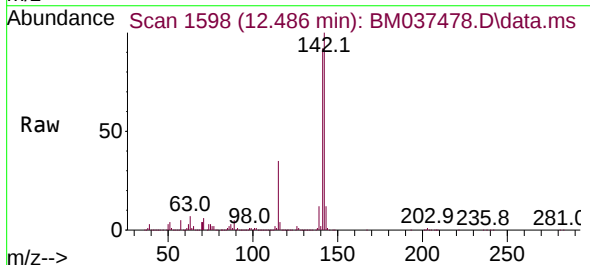
Tgt Ion:142 Resp: 164802
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 33.6 26.0 39.0

Manual Integrations
APPROVED

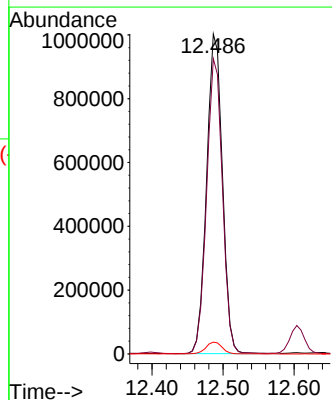
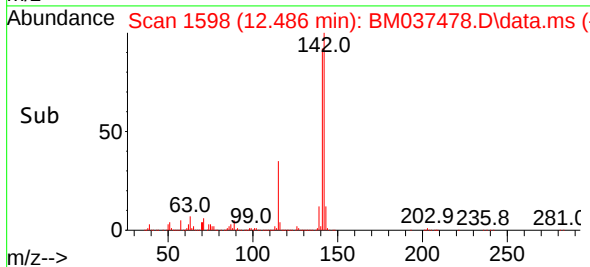
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

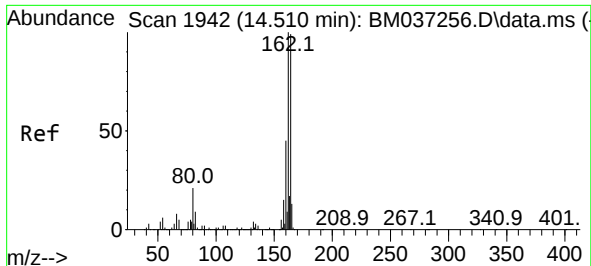


#38
1-Methylnaphthalene
Concen: 39.692 ng
RT: 12.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



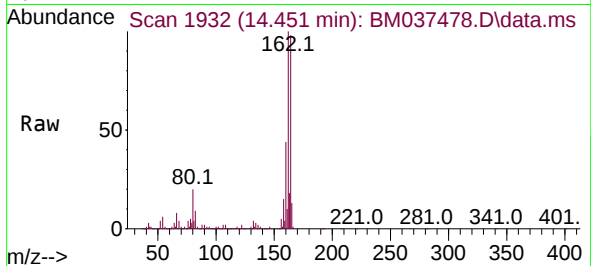
Tgt Ion:142 Resp: 1543964
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.6
116 3.7 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

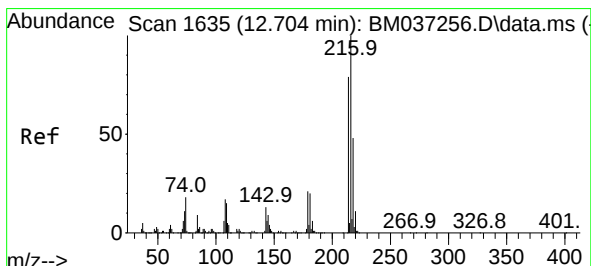
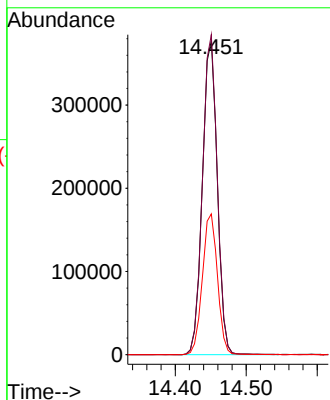
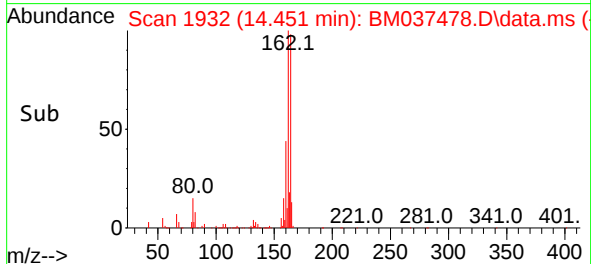
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



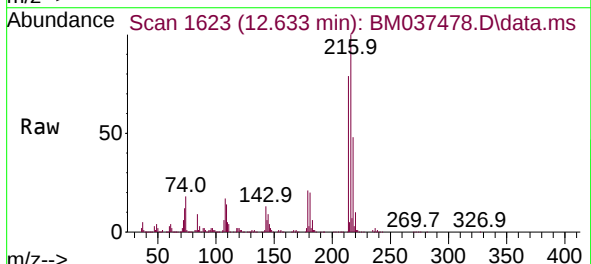
Tgt Ion:164 Resp: 546213
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 44.8 36.2 54.4

Manual Integrations
APPROVED

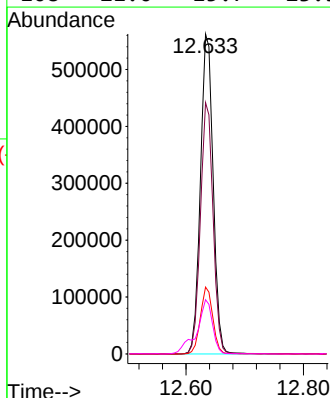
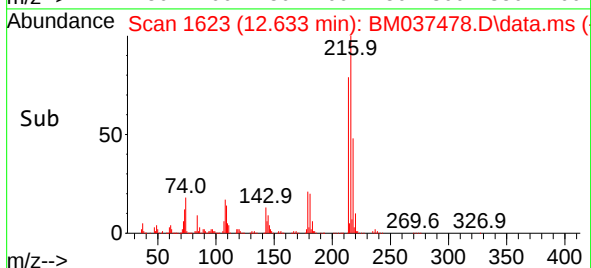
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

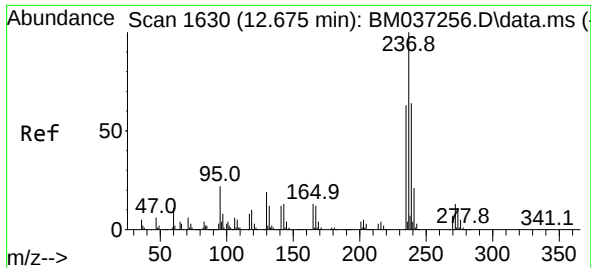


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.408 ng
RT: 12.633 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



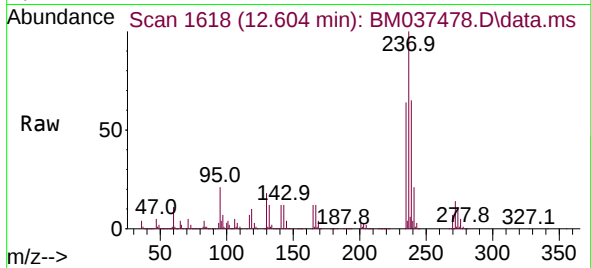
Tgt Ion:216 Resp: 844280
Ion Ratio Lower Upper
216 100
214 78.2 63.1 94.7
179 20.5 16.8 25.2
108 21.0 15.7 23.5





#41
Hexachlorocyclopentadiene
Concen: 131.820 ng
RT: 12.604 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

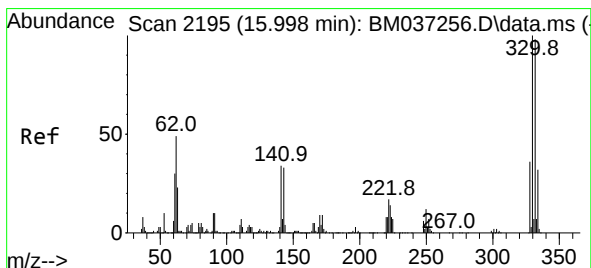
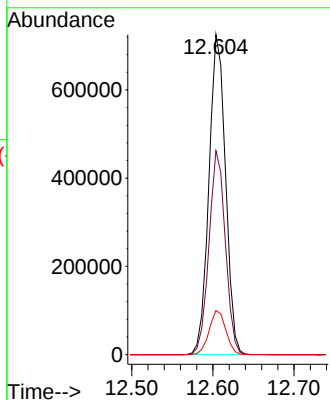
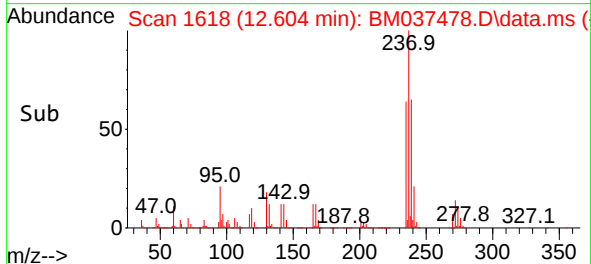
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:237 Resp: 103145
Ion Ratio Lower Upper
237 100
235 63.7 42.9 82.9
272 13.8 0.0 33.1

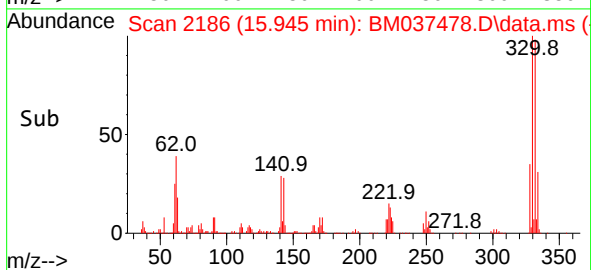
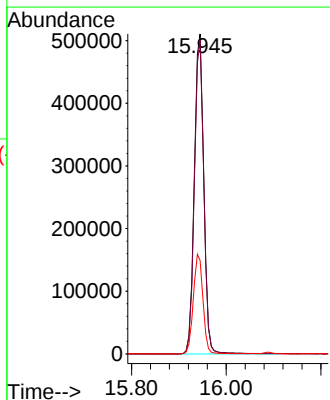
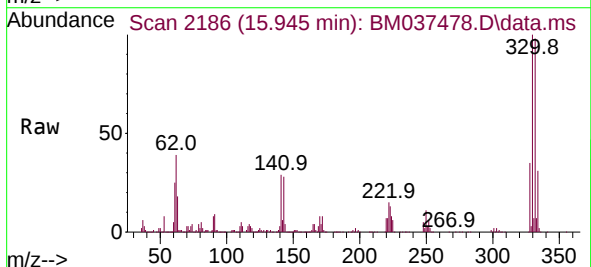
Manual Integrations
APPROVED

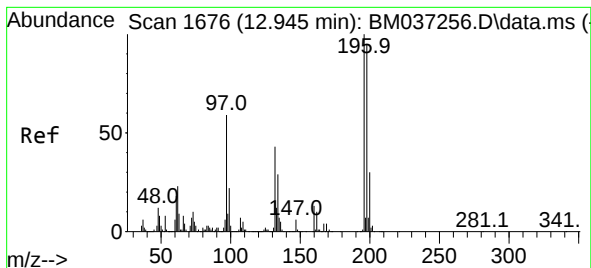
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#42
2,4,6-Tribromophenol
Concen: 110.424 ng
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion:330 Resp: 710795
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 31.8 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 47.077 ng

RT: 12.886 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BM037478.D

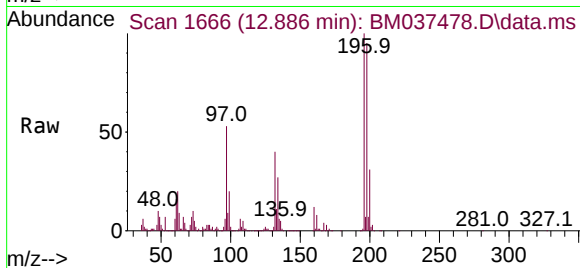
Acq: 11 Nov 2022 21:53

Instrument :

BNA_M

ClientSampleId :

SB-33MSD



Tgt Ion:196 Resp: 532236

Ion Ratio Lower Upper

196 100

198 95.3 76.1 114.1

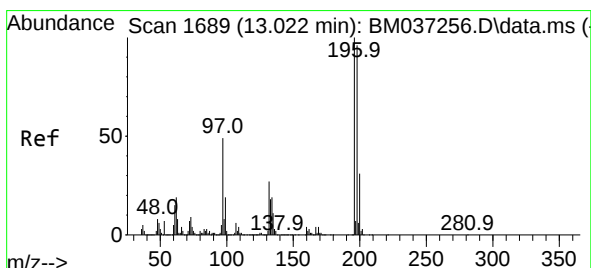
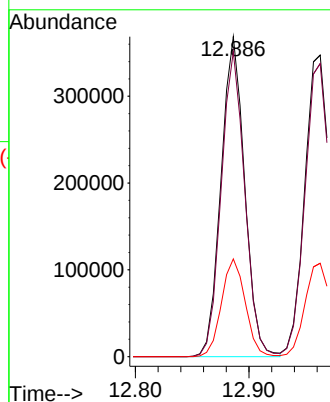
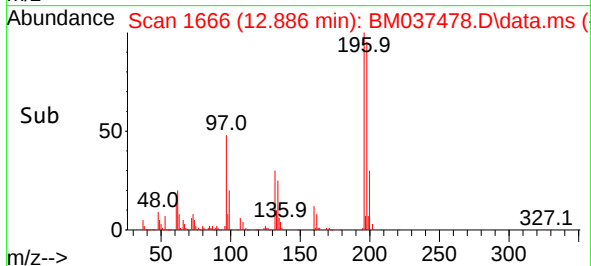
200 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#44

2,4,5-Trichlorophenol

Concen: 44.736 ng

RT: 12.963 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BM037478.D

Acq: 11 Nov 2022 21:53

Tgt Ion:196 Resp: 557930

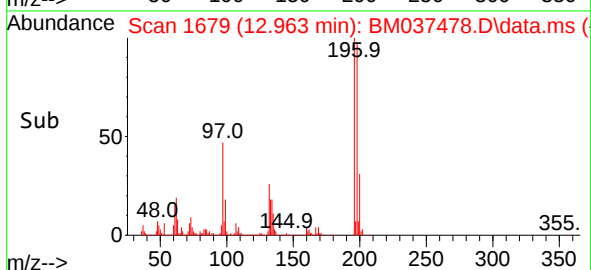
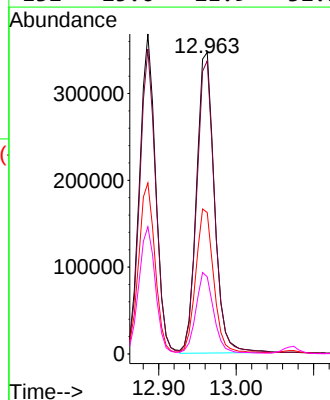
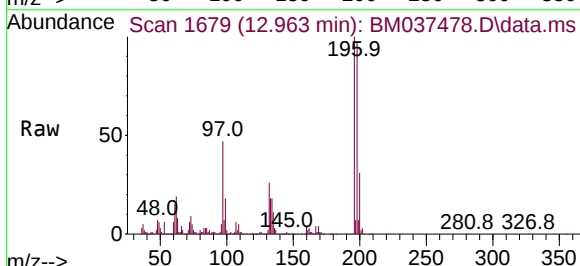
Ion Ratio Lower Upper

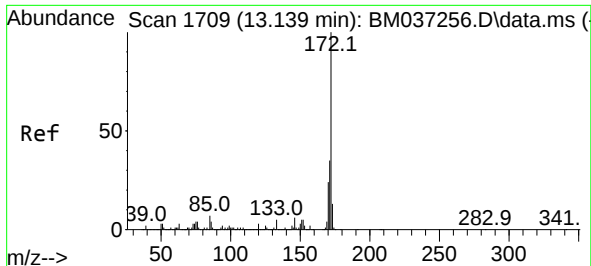
196 100

198 97.2 77.0 115.6

97 46.9 39.4 59.2

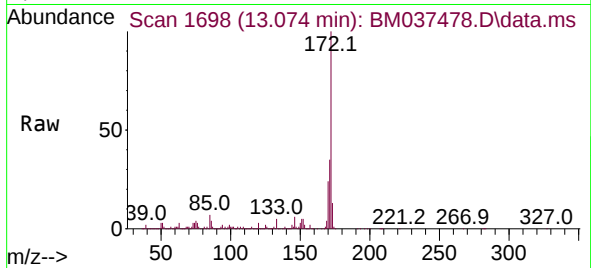
132 25.6 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 61.257 ng
RT: 13.074 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

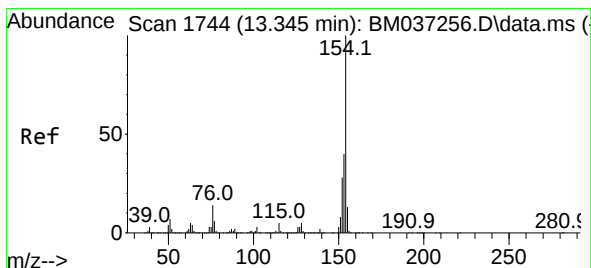
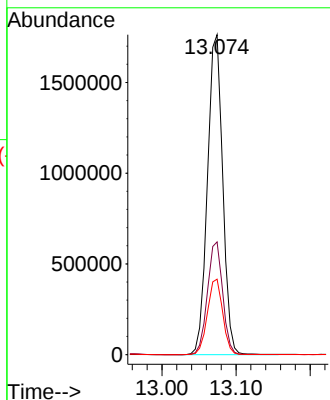
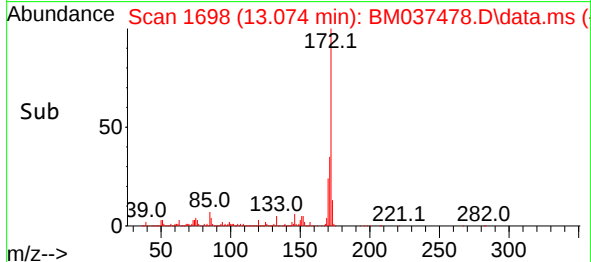
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



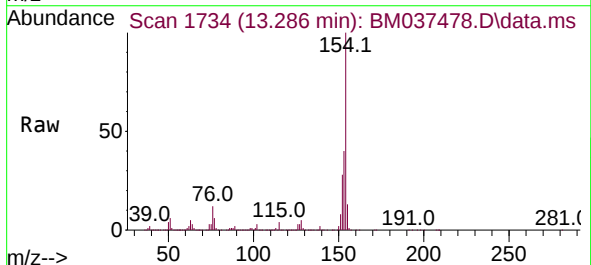
Tgt Ion:172 Resp: 2518233
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 19.0 28.4

Manual Integrations
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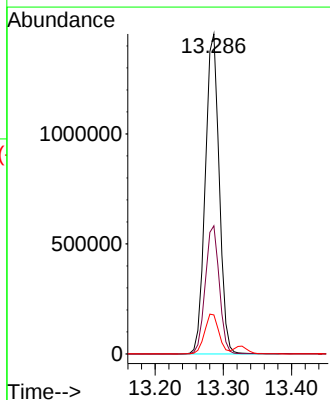
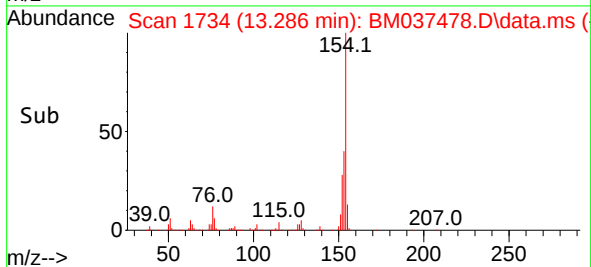
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

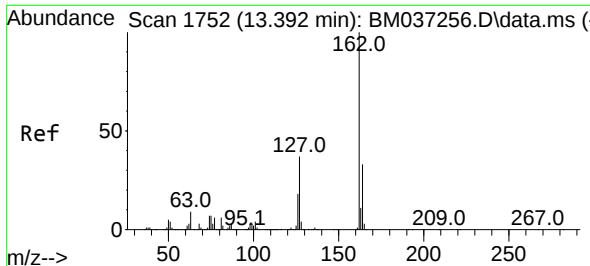


#46
1,1'-Biphenyl
Concen: 46.943 ng
RT: 13.286 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



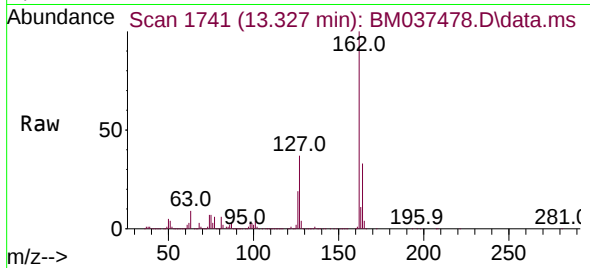
Tgt Ion:154 Resp: 2069179
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 12.2 0.0 33.7





#47
2-Chloronaphthalene
Concen: 45.774 ng
RT: 13.327 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

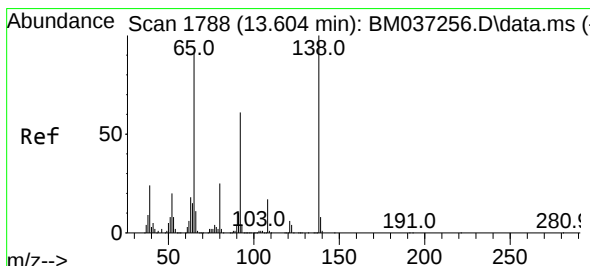
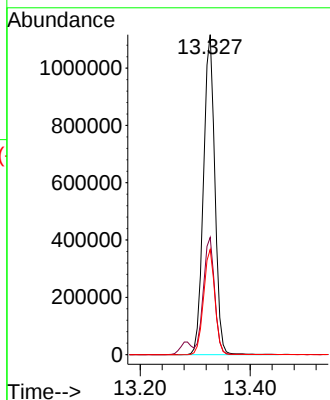
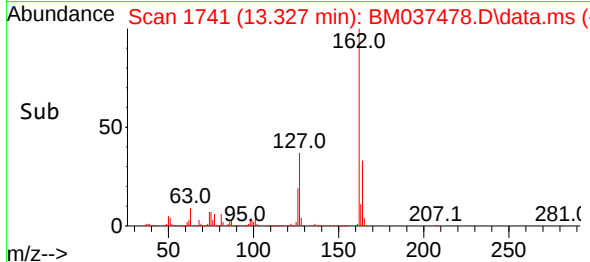
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



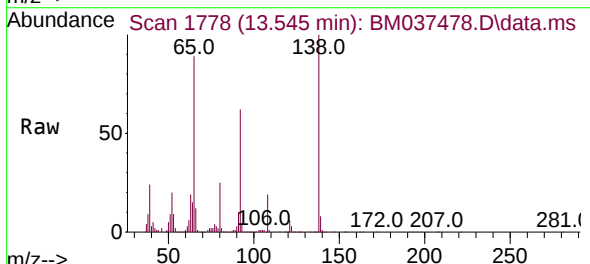
Tgt Ion:162 Resp: 1605636
Ion Ratio Lower Upper
162 100
127 36.6 29.5 44.3
164 32.9 26.3 39.5

Manual Integrations
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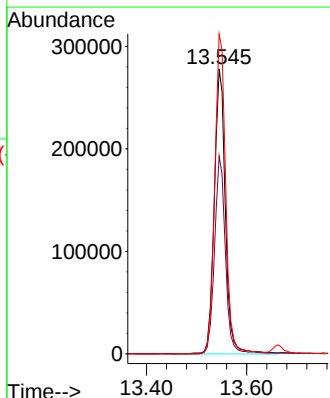
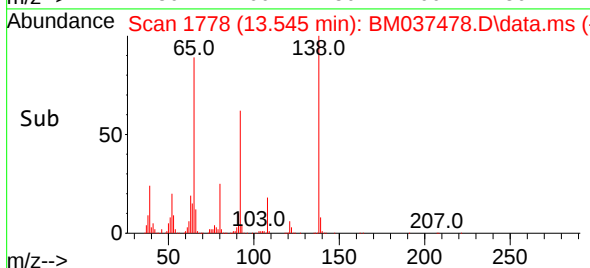
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

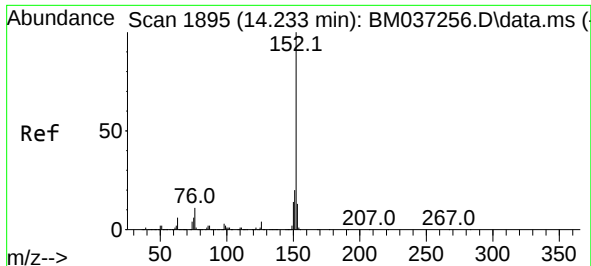


#48
2-Nitroaniline
Concen: 42.224 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



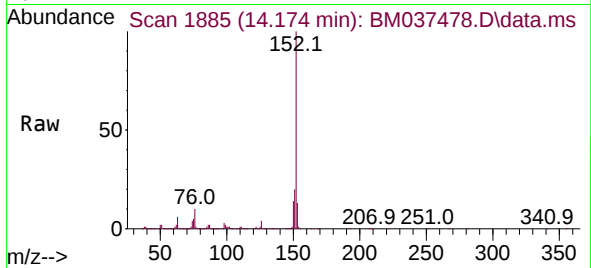
Tgt Ion: 65 Resp: 428002
Ion Ratio Lower Upper
65 100
92 69.4 53.7 80.5
138 112.3 87.4 131.2





#49
Acenaphthylene
Concen: 44.290 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

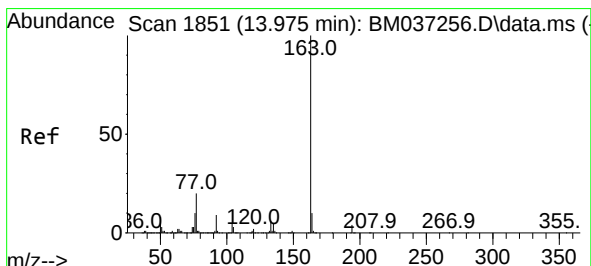
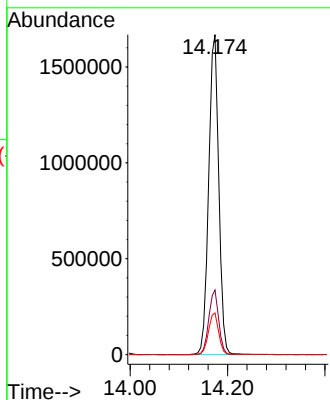
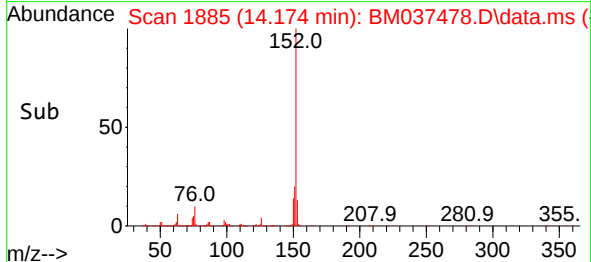
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



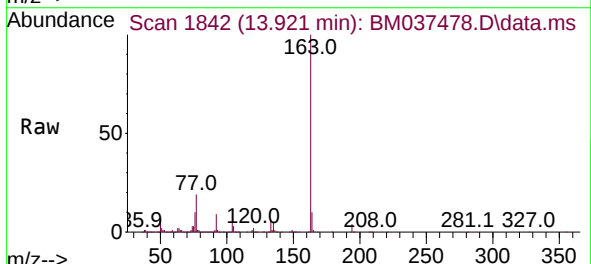
Tgt Ion:152 Resp: 2411610
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.0 10.6 15.8

Manual Integrations
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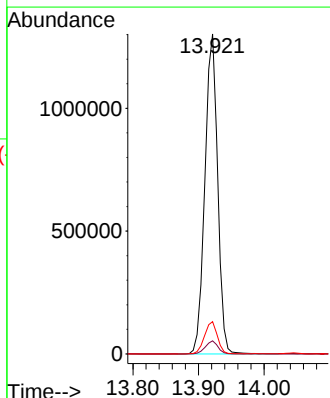
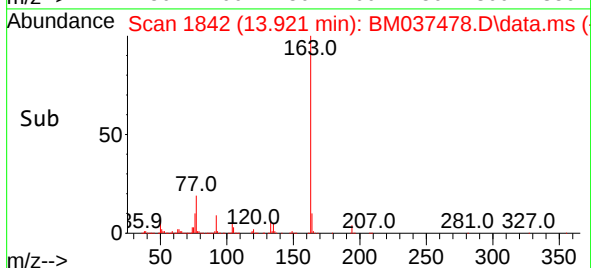
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

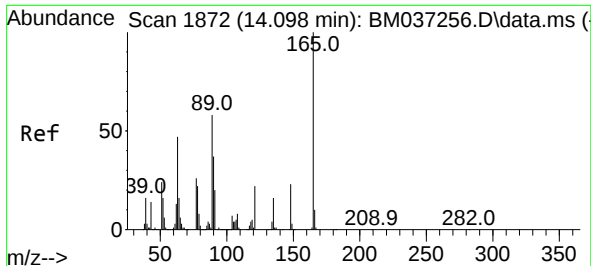


#50
Dimethylphthalate
Concen: 41.979 ng
RT: 13.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



Tgt Ion:163 Resp: 1751402
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 8.2 12.2





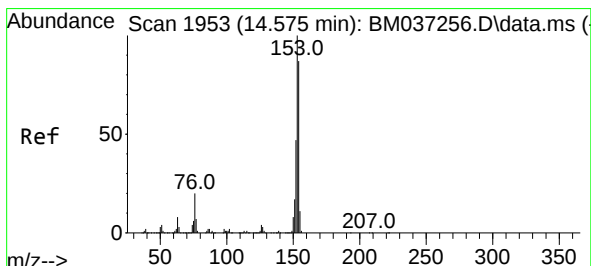
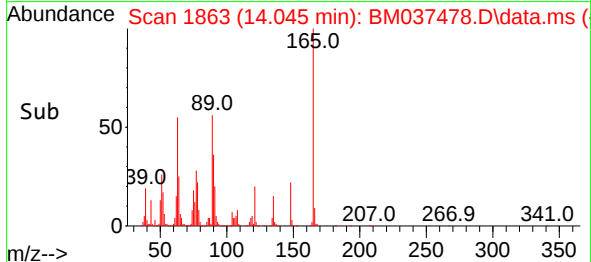
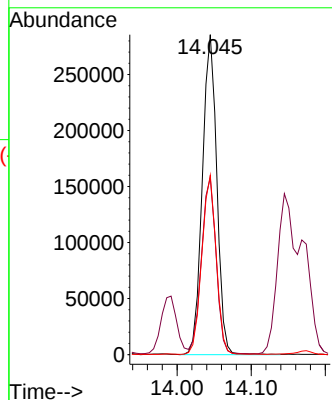
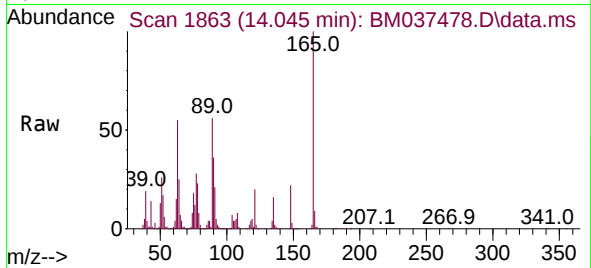
#51
2,6-Dinitrotoluene
Concen: 43.741 ng
RT: 14.045 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:165 Resp: 386461
Ion Ratio Lower Upper
165 100
63 55.3 46.2 69.2
89 56.1 46.6 69.8

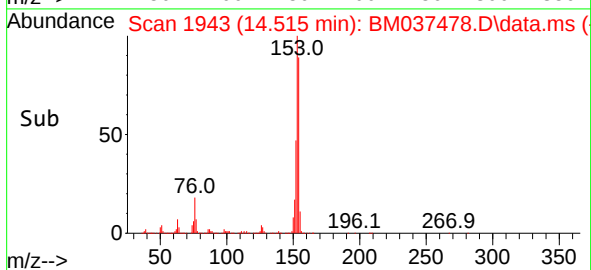
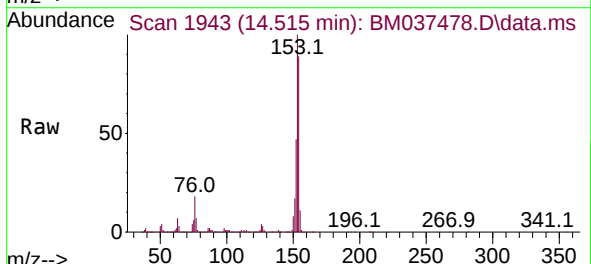
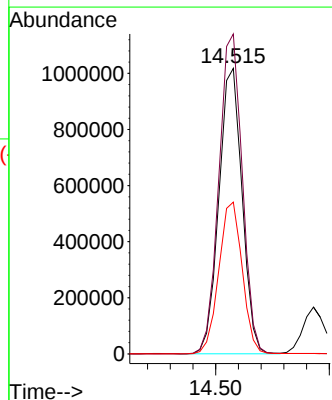
Manual Integrations
APPROVED

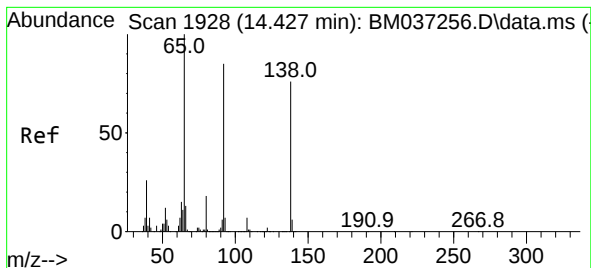
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#52
Acenaphthene
Concen: 42.803 ng
RT: 14.515 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion:154 Resp: 1440869
Ion Ratio Lower Upper
154 100
153 112.0 91.5 137.3
152 53.2 43.0 64.6





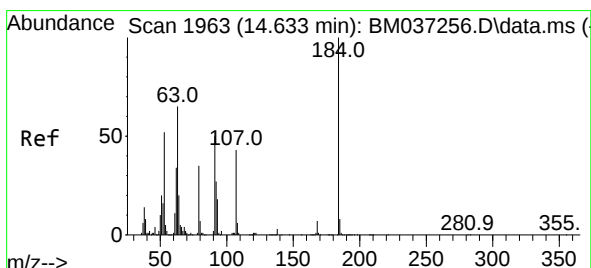
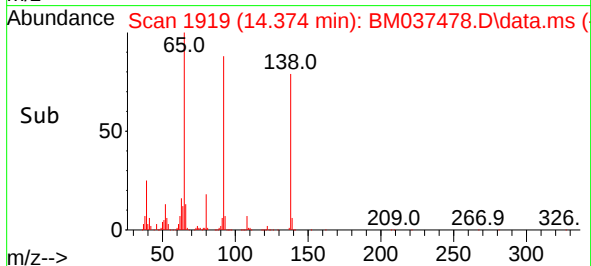
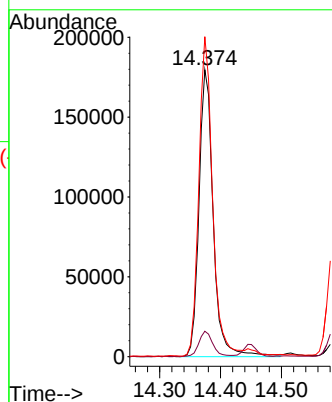
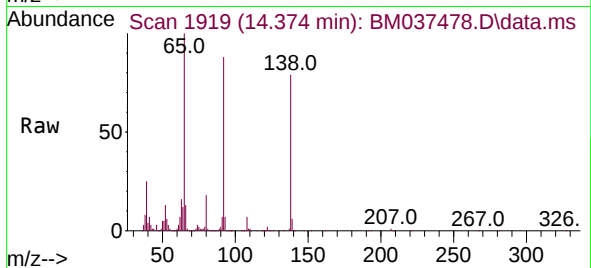
#53
3-Nitroaniline
Concen: 29.552 ng
RT: 14.374 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:138 Resp: 291692
Ion Ratio Lower Upper
138 100
108 8.9 7.3 10.9
92 111.6 89.8 134.8

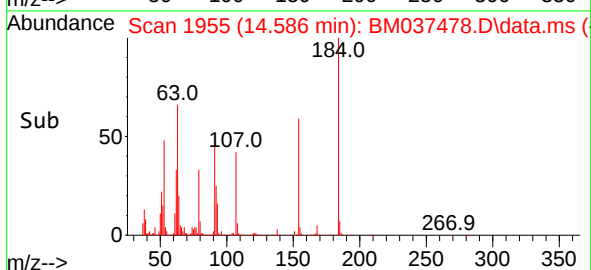
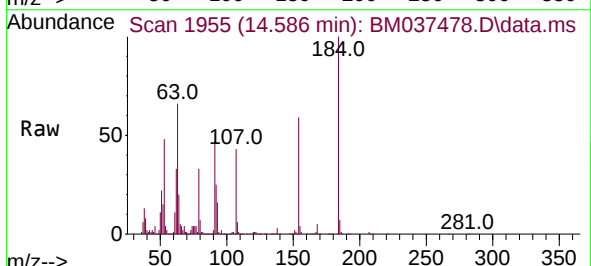
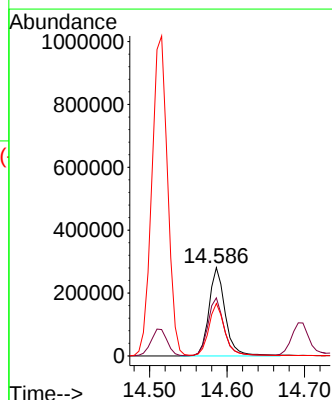
Manual Integrations
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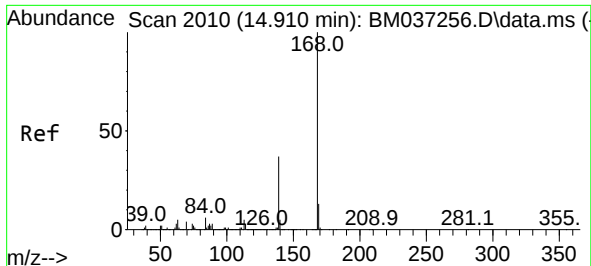
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#54
2,4-Dinitrophenol
Concen: 70.675 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

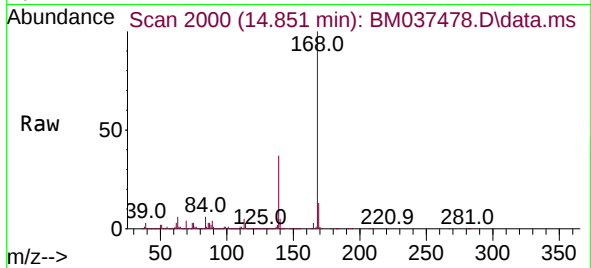
Tgt Ion:184 Resp: 406398
Ion Ratio Lower Upper
184 100
63 65.7 57.7 86.5
154 59.4 48.3 72.5





#55
Dibenzenofuran
Concen: 42.993 ng
RT: 14.851 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

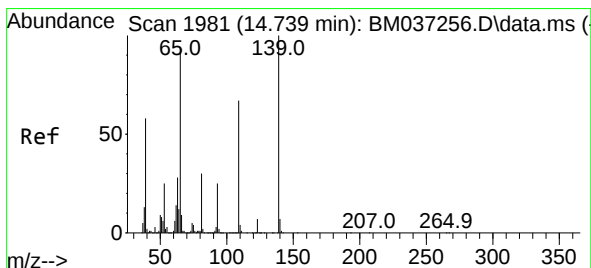
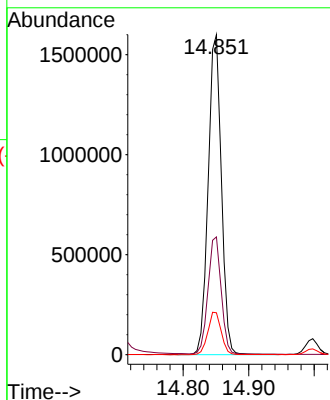
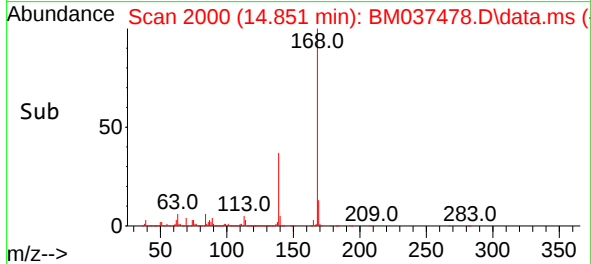
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:168 Resp: 2229110
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.1 10.6 16.0

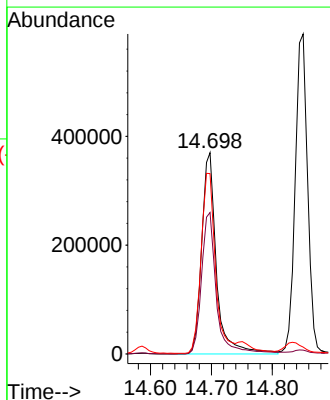
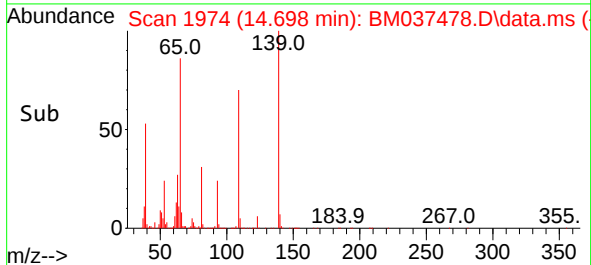
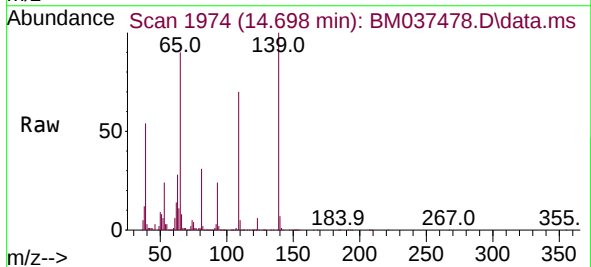
Manual Integrations
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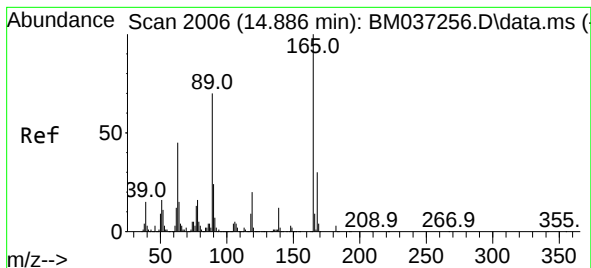
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#56
4-Nitrophenol
Concen: 78.782 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

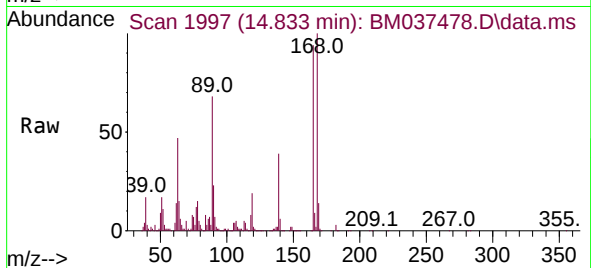
Tgt Ion:139 Resp: 620343
Ion Ratio Lower Upper
139 100
109 70.2 47.4 87.4
65 89.6 73.8 113.8





#57
2,4-Dinitrotoluene
Concen: 44.125 ng
RT: 14.833 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

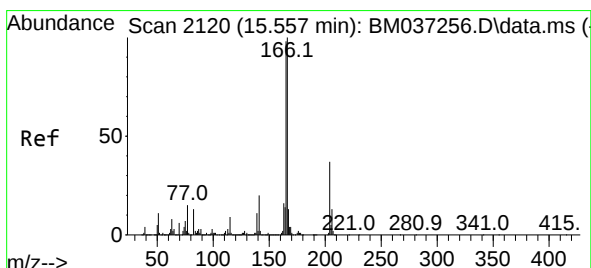
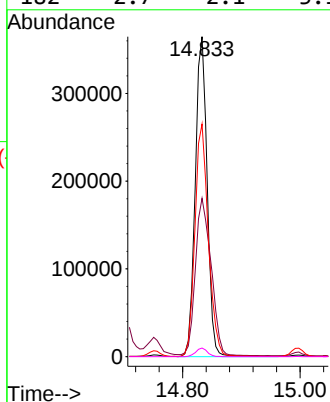
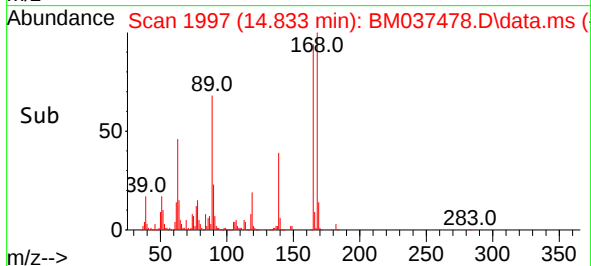
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



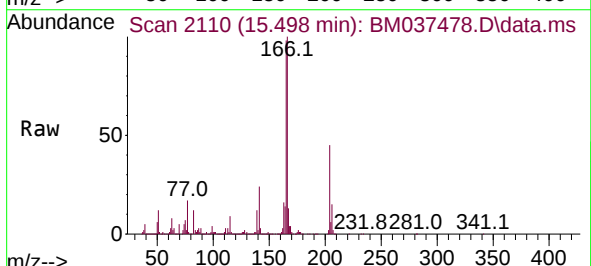
Tgt Ion:165 Resp: 512997
Ion Ratio Lower Upper
165 100
63 49.5 36.3 54.5
89 72.7 56.3 84.5
182 2.7 2.1 3.1

Manual Integrations
APPROVED

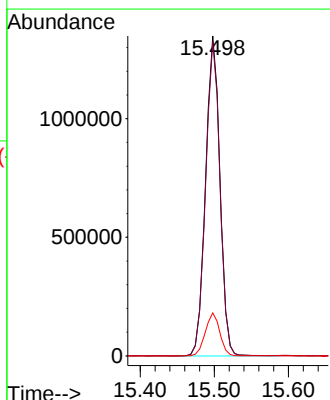
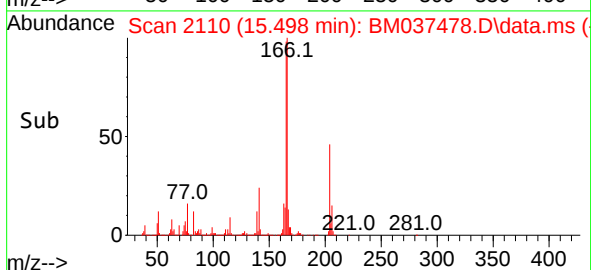
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

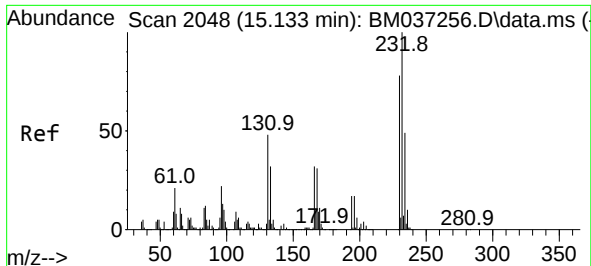


#58
Fluorene
Concen: 41.925 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



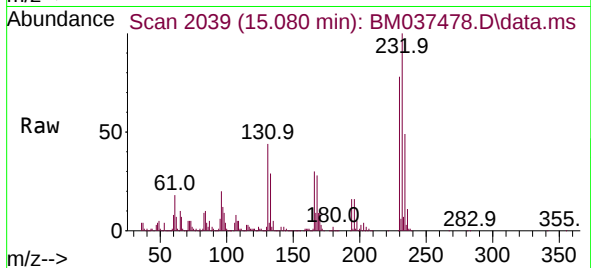
Tgt Ion:166 Resp: 1814452
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.230 ng
RT: 15.080 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

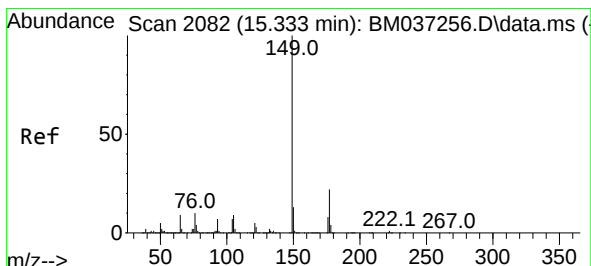
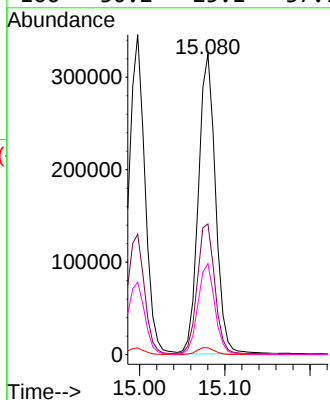
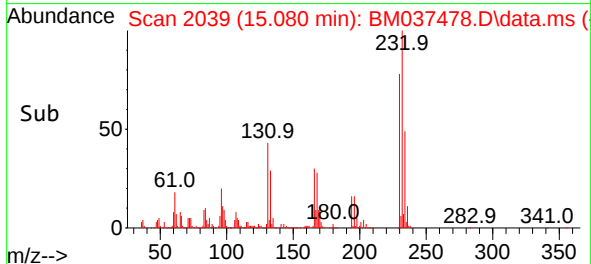
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



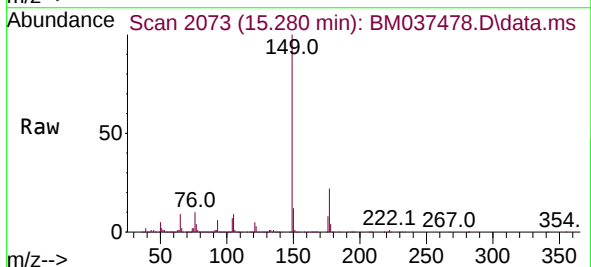
Tgt Ion:232 Resp: 451889
Ion Ratio Lower Upper
232 100
131 45.2 37.8 56.8
130 2.5 1.9 2.9
166 30.2 25.1 37.7

Manual Integrations
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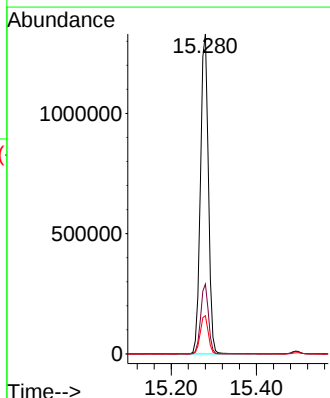
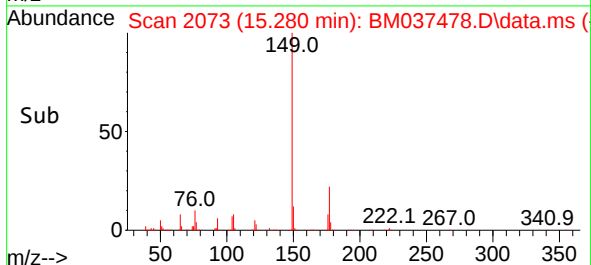
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

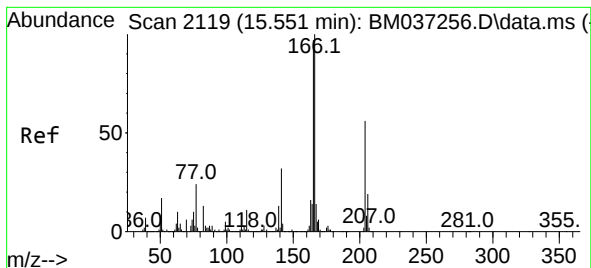


#60
Diethylphthalate
Concen: 42.266 ng
RT: 15.280 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



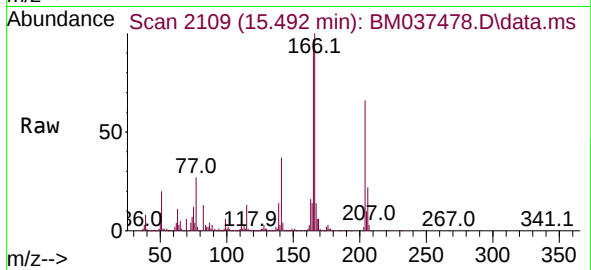
Tgt Ion:149 Resp: 1713871
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 11.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.362 ng
RT: 15.492 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

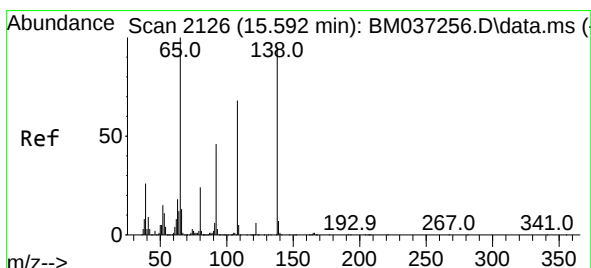
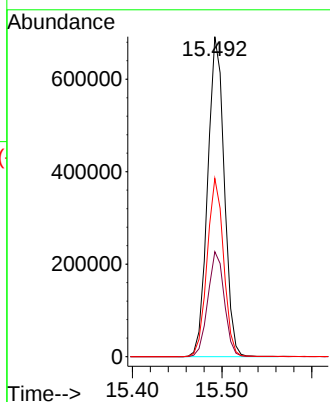
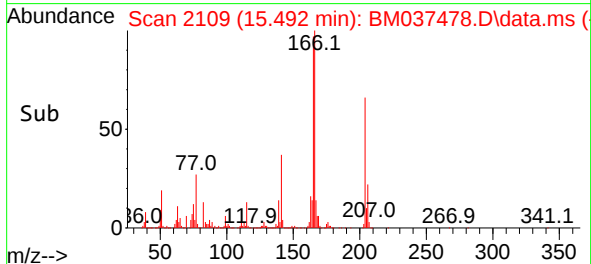
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:204 Resp: 88822
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 55.7 45.2 67.8

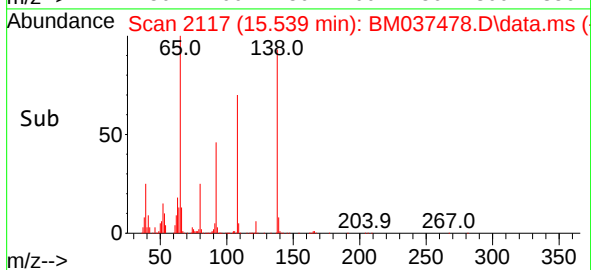
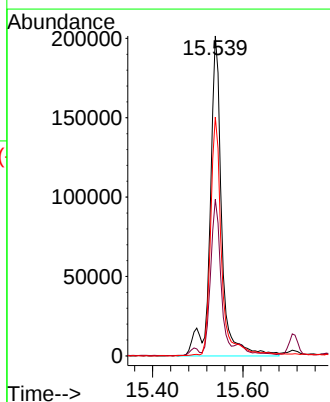
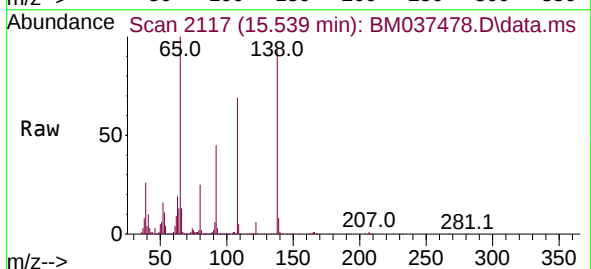
Manual Integrations
APPROVED

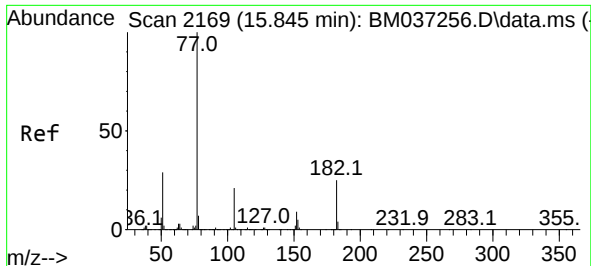
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#62
4-Nitroaniline
Concen: 36.384 ng m
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

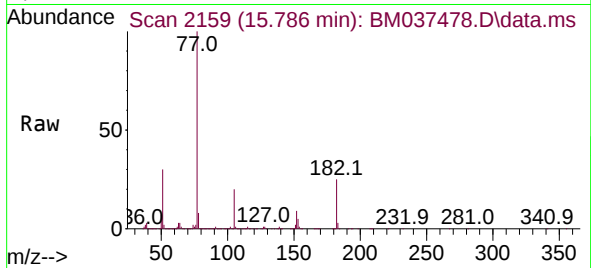
Tgt Ion:138 Resp: 360169
Ion Ratio Lower Upper
138 100
92 48.9 28.1 68.1
108 74.6 51.3 91.3





#63
Azobenzene
Concen: 41.247 ng
RT: 15.786 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

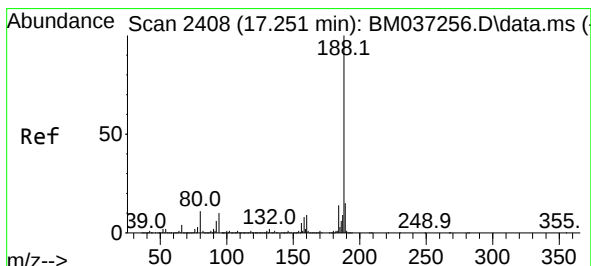
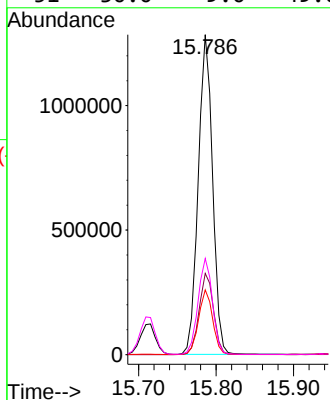
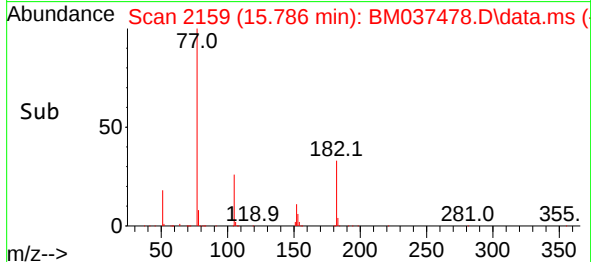
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



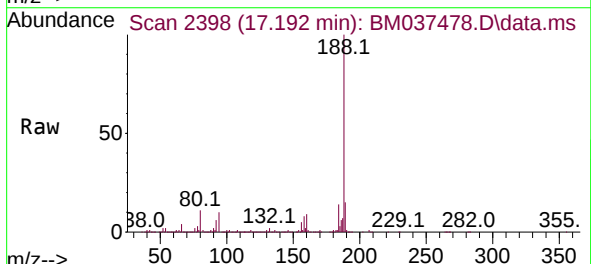
Tgt Ion: 77 Resp: 1647698
Ion Ratio Lower Upper
77 100
182 25.4 5.1 45.1
105 20.2 0.5 40.5
51 30.0 9.0 49.0

Manual Integrations
APPROVED

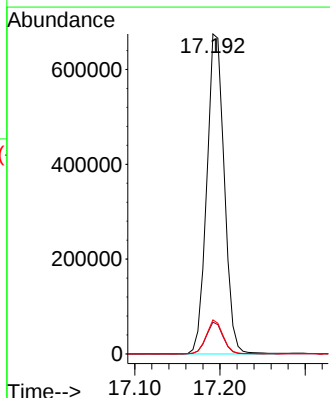
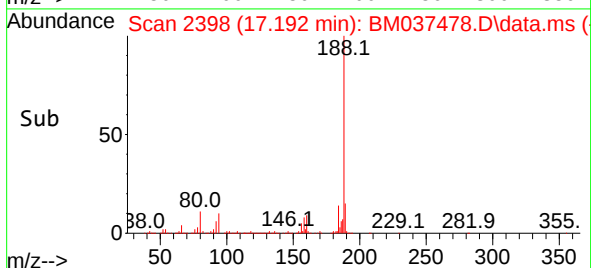
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

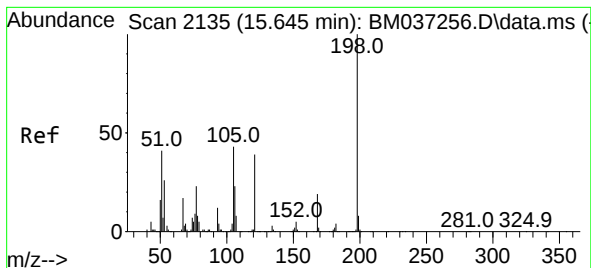


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



Tgt Ion:188 Resp: 962705
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.6 8.5 12.7





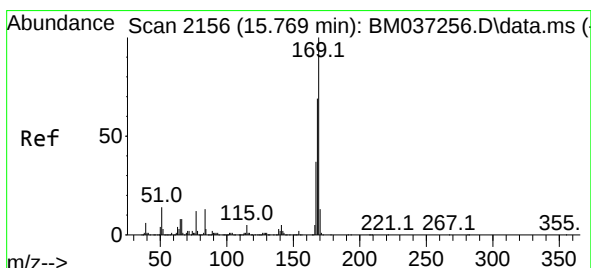
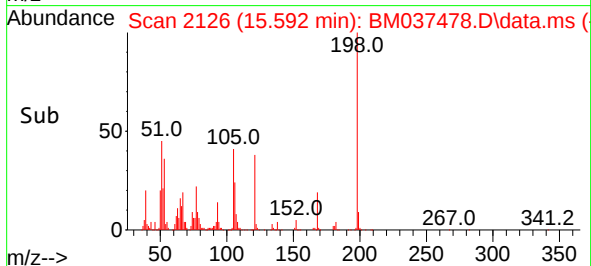
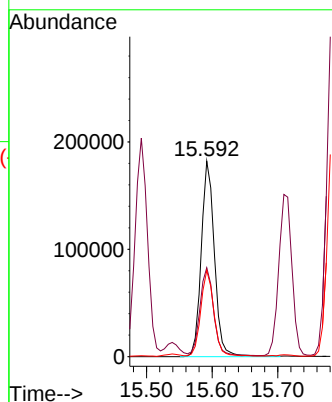
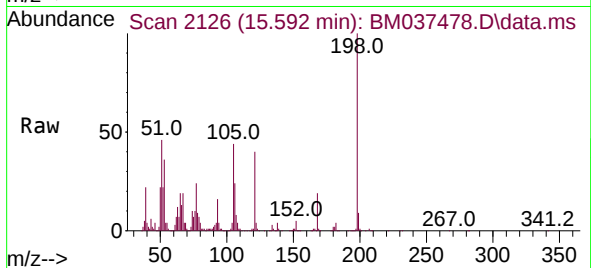
#65
4,6-Dinitro-2-methylphenol
Concen: 38.754 ng
RT: 15.592 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:198 Resp: 253035
Ion Ratio Lower Upper
198 100
51 45.5 26.8 66.8
105 44.1 24.1 64.1

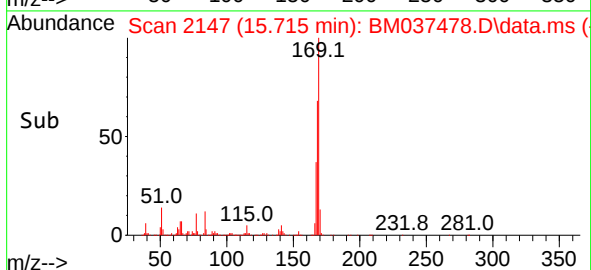
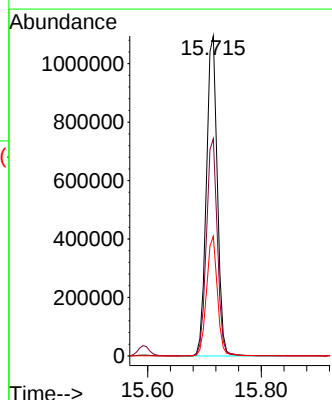
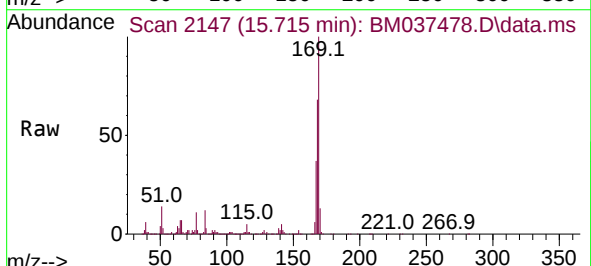
Manual Integrations
APPROVED

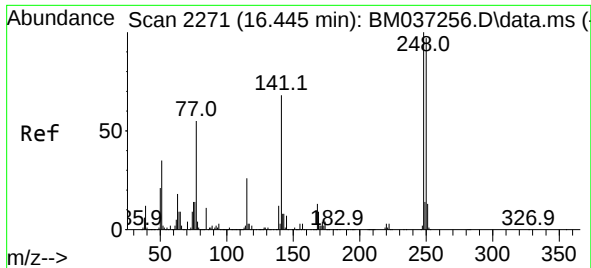
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#66
n-Nitrosodiphenylamine
Concen: 45.106 ng
RT: 15.715 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

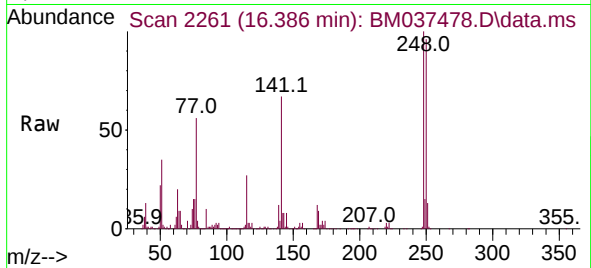
Tgt Ion:169 Resp: 1467770
Ion Ratio Lower Upper
169 100
168 67.9 54.8 82.2
167 37.4 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 48.194 ng
RT: 16.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

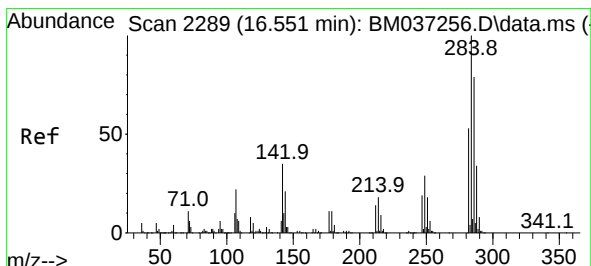
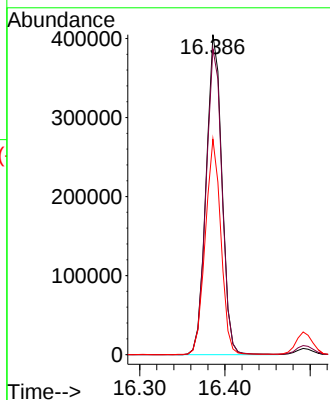
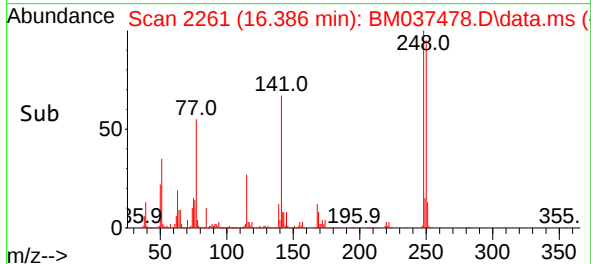
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:248 Resp: 520662
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.6
141 67.3 54.2 81.2

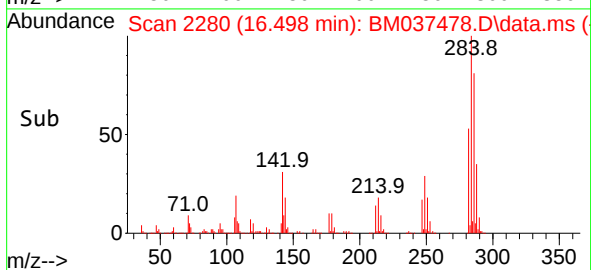
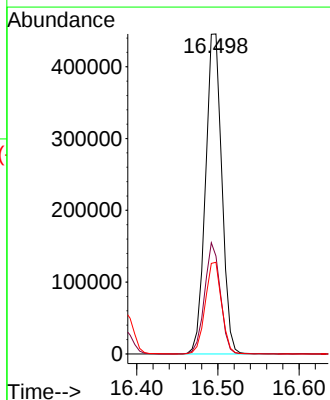
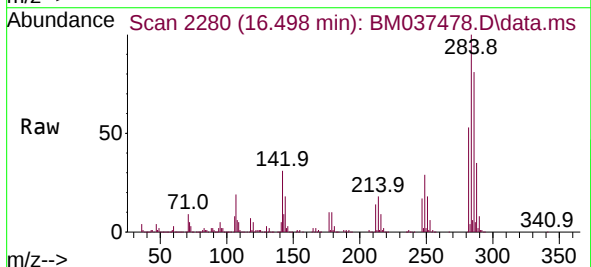
Manual Integrations
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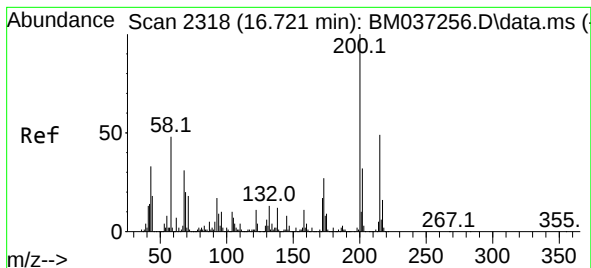
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#68
Hexachlorobenzene
Concen: 47.703 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion:284 Resp: 623675
Ion Ratio Lower Upper
284 100
142 30.6 28.2 42.4
249 28.6 23.1 34.7





#69

Atrazine

Concen: 57.493 ng

RT: 16.668 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BM037478.D

Acq: 11 Nov 2022 21:53

Instrument :

BNA_M

ClientSampleId :

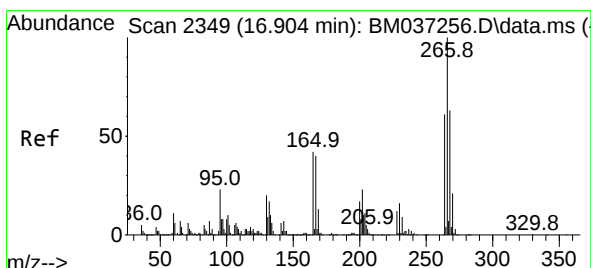
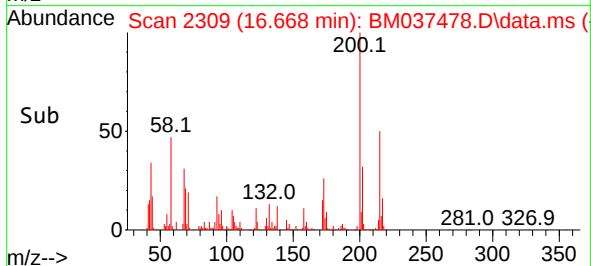
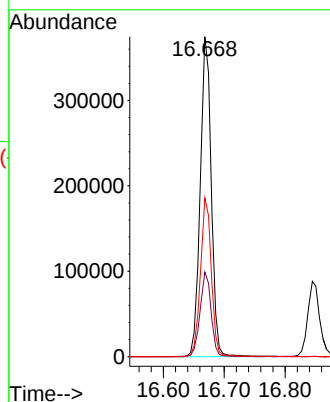
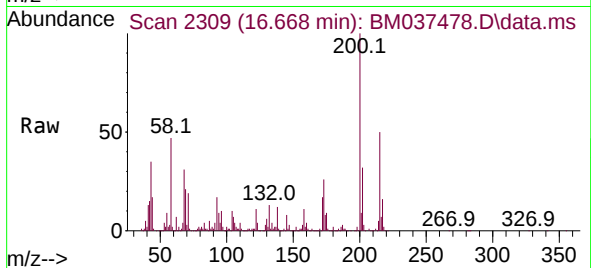
SB-33MSD

Tgt Ion:200 Resp: 470721
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.8 46.8
 215 49.6 28.5 68.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022



#70

Pentachlorophenol

Concen: 92.350 ng

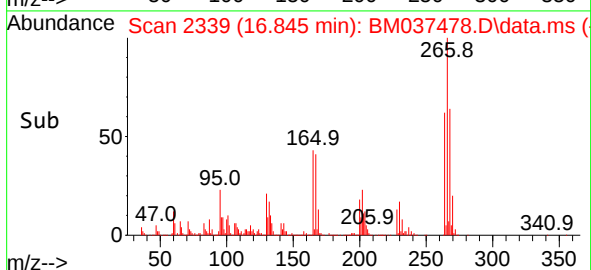
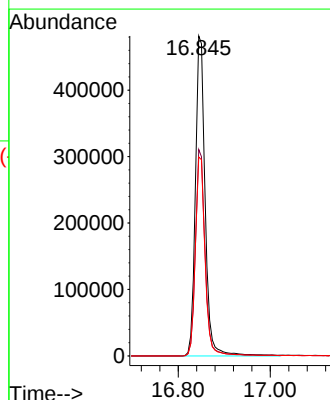
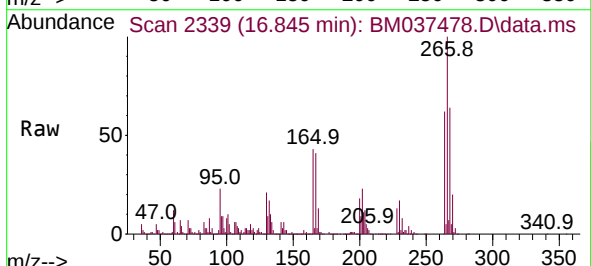
RT: 16.845 min Scan# 2339

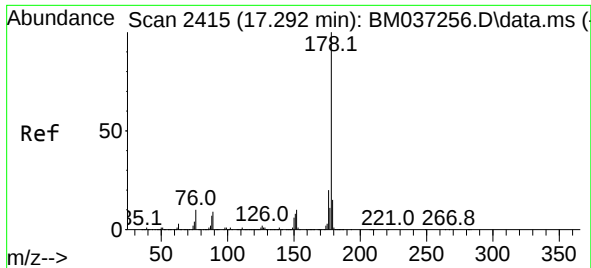
Delta R.T. -0.006 min

Lab File: BM037478.D

Acq: 11 Nov 2022 21:53

Tgt Ion:266 Resp: 702568
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.7 76.1
 264 62.2 49.1 73.7





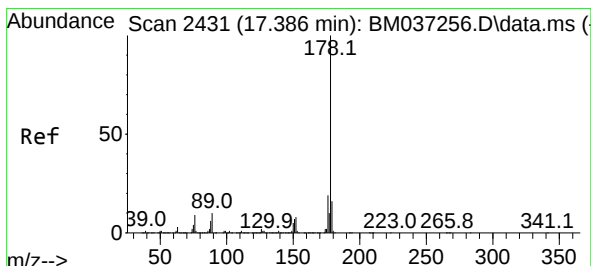
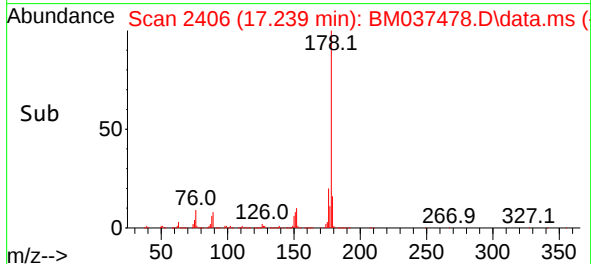
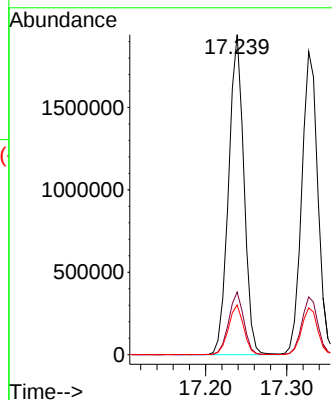
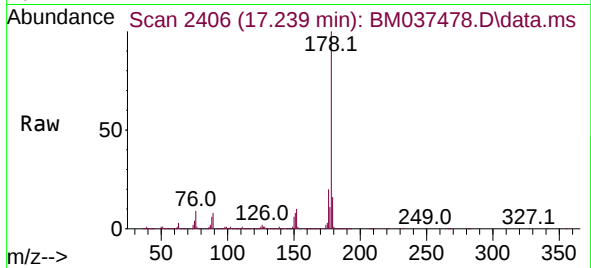
#71
Phenanthrene
Concen: 42.447 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:178 Resp: 2535252
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.6 12.4 18.6

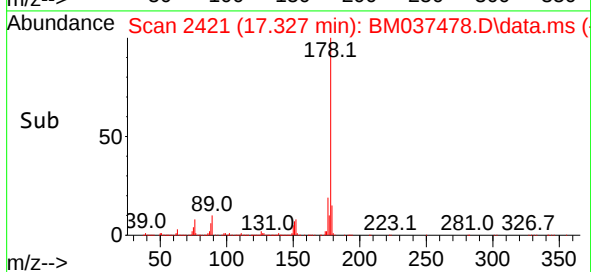
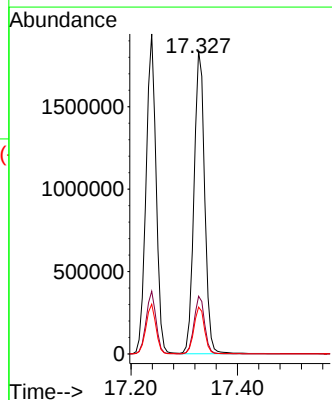
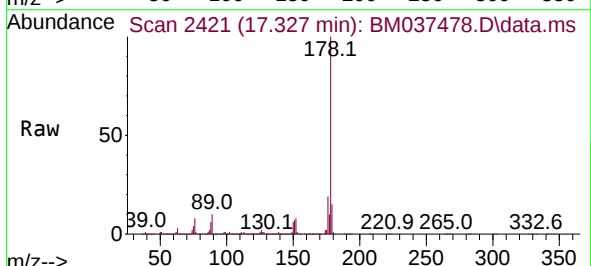
Manual Integrations
APPROVED

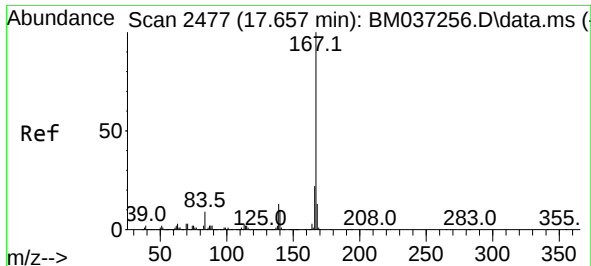
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#72
Anthracene
Concen: 45.151 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

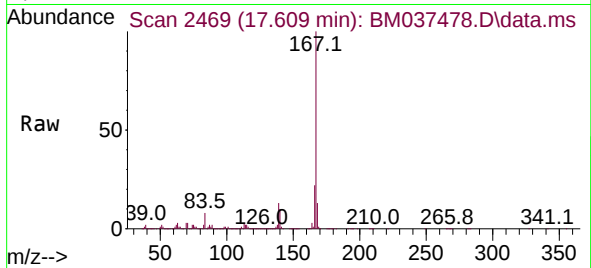
Tgt Ion:178 Resp: 2553021
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 42.837 ng
 RT: 17.609 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: BM037478.D
 Acq: 11 Nov 2022 21:53

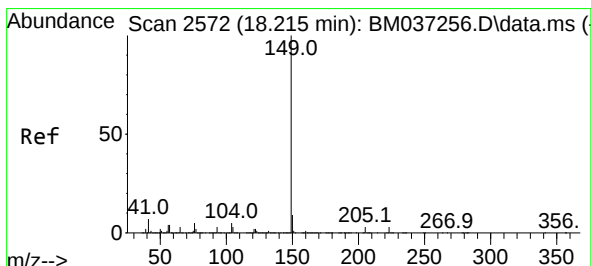
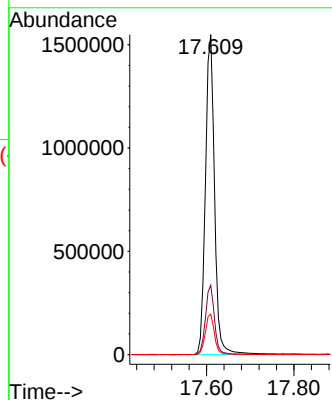
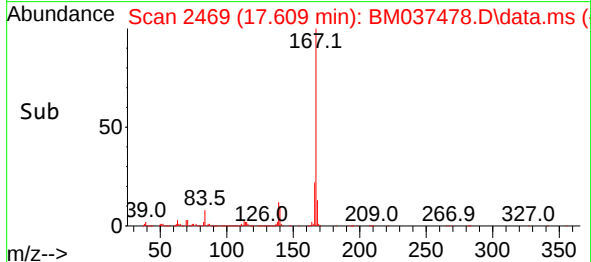
Instrument :
 BNA_M
 ClientSampleId :
 SB-33MSD



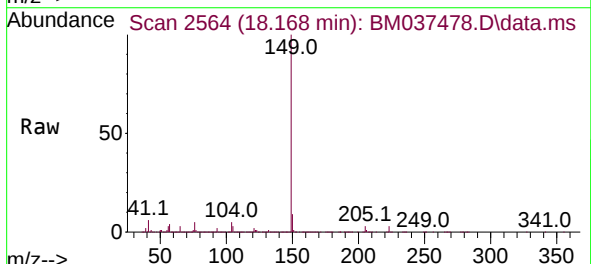
Tgt Ion:167 Resp: 2221835
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 12.7 10.4 15.6

Manual Integrations
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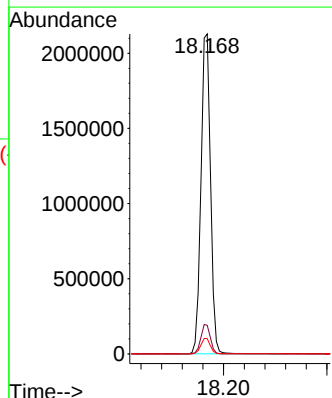
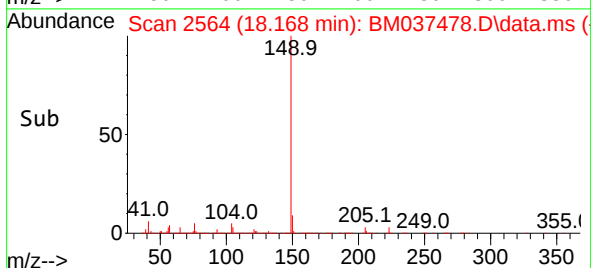
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

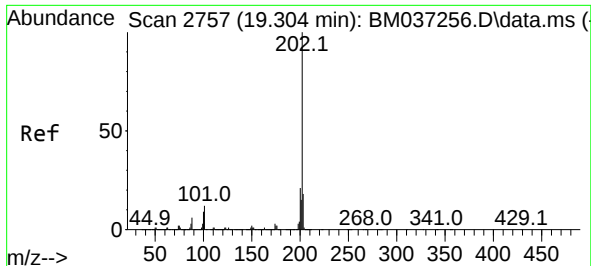


#74
 Di-n-butylphthalate
 Concen: 47.548 ng
 RT: 18.168 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BM037478.D
 Acq: 11 Nov 2022 21:53



Tgt Ion:149 Resp: 2723161
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.8 4.0 6.0





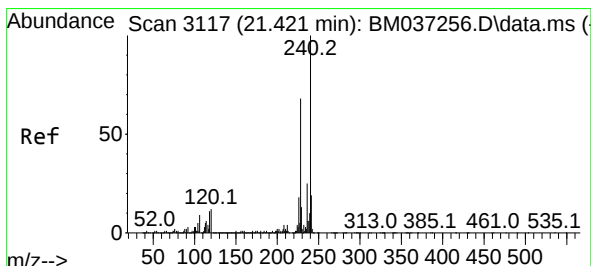
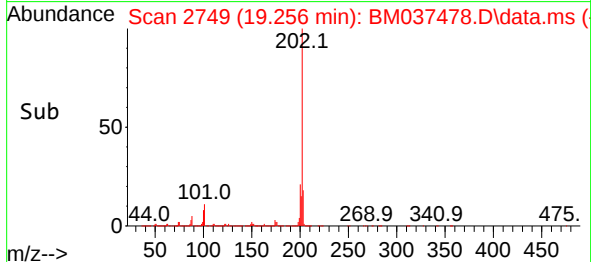
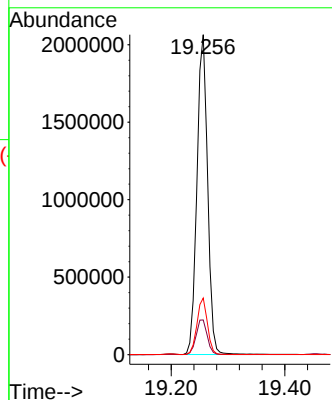
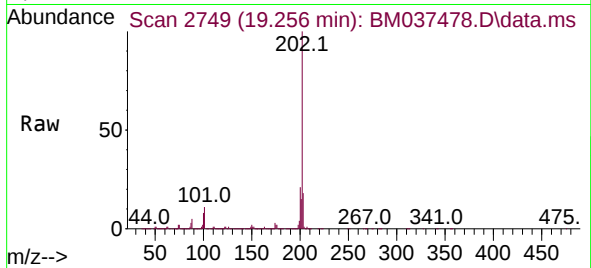
#75
Fluoranthene
Concen: 42.308 ng
RT: 19.256 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:202 Resp: 267111
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.4
203 17.7 0.0 37.8

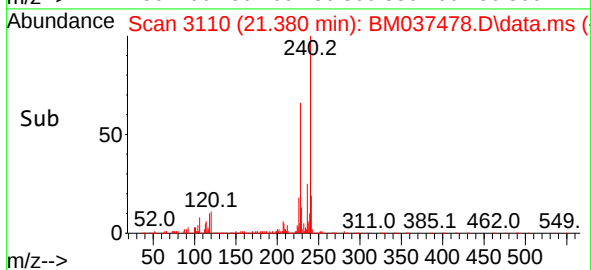
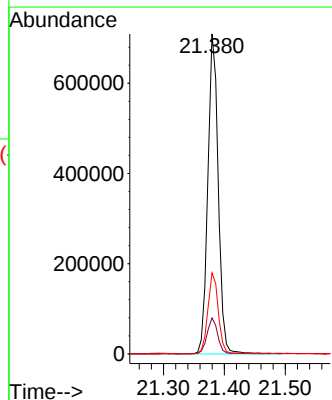
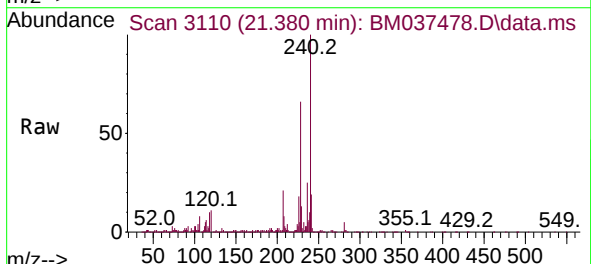
Manual Integrations
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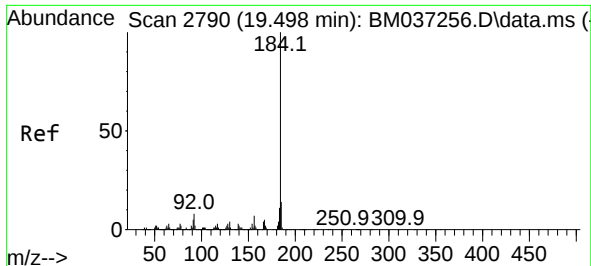
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

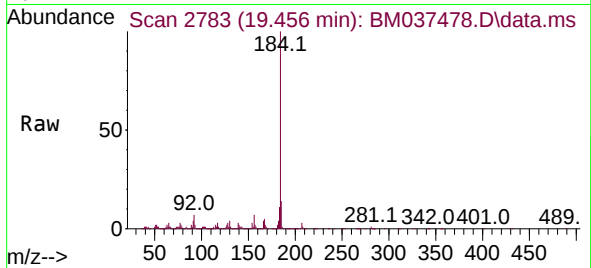
Tgt Ion:240 Resp: 842986
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 25.3 20.3 30.5





#77
Benzidine
Concen: 107.615 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

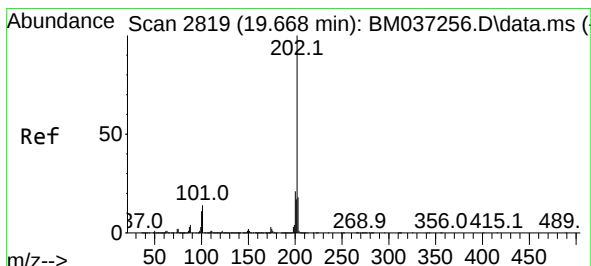
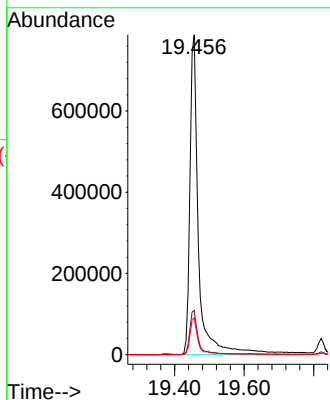
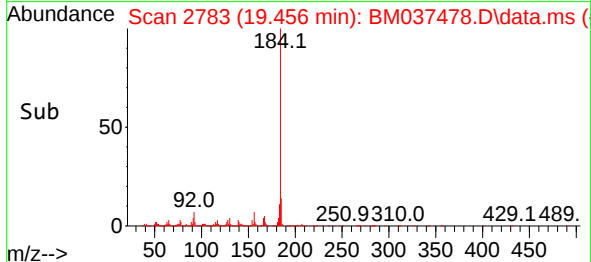
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:184 Resp: 1352735
Ion Ratio Lower Upper
184 100
185 13.8 11.3 16.9
183 11.4 9.0 13.4

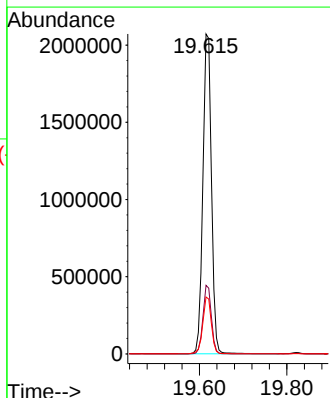
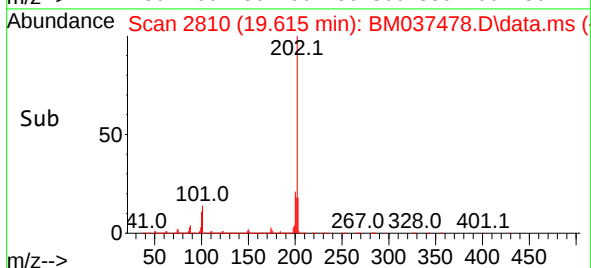
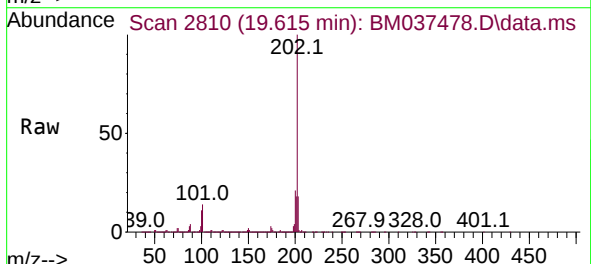
Manual Integrations
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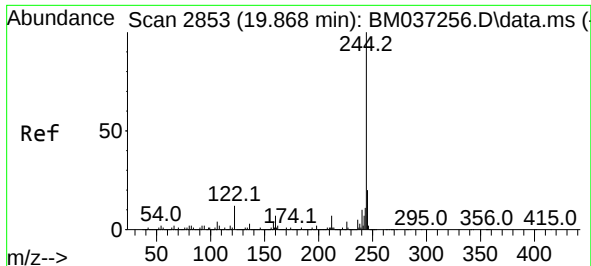
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#78
Pyrene
Concen: 43.029 ng
RT: 19.615 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

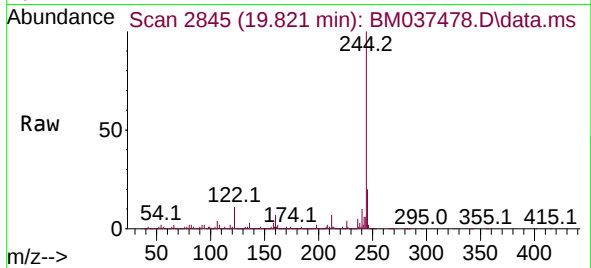
Tgt Ion:202 Resp: 2789281
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 65.288 ng
 RT: 19.821 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BM037478.D
 Acq: 11 Nov 2022 21:53

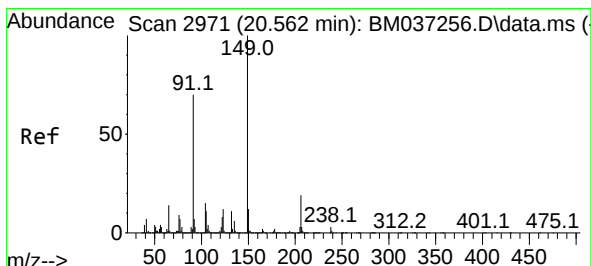
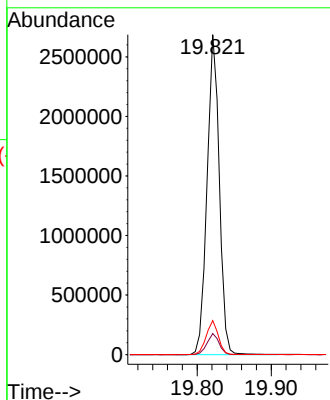
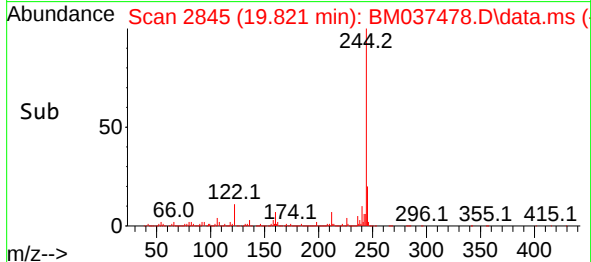
Instrument :
 BNA_M
 ClientSampleId :
 SB-33MSD



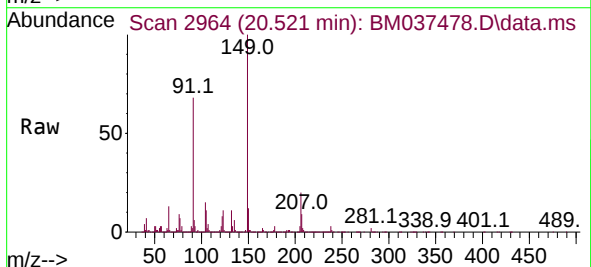
Tgt Ion:244 Resp: 306907
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.6 9.4 14.2

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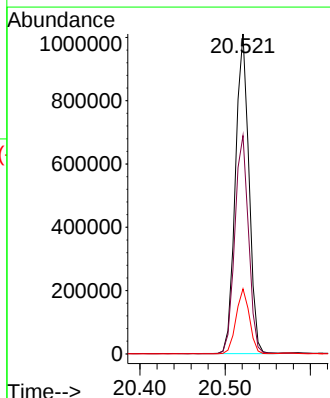
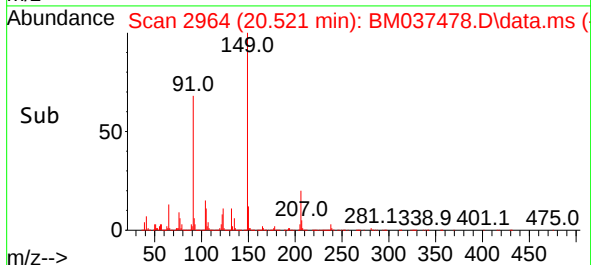
Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

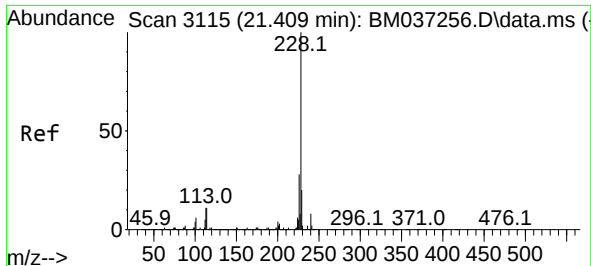


#80
 Butylbenzylphthalate
 Concen: 48.167 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.000 min
 Lab File: BM037478.D
 Acq: 11 Nov 2022 21:53



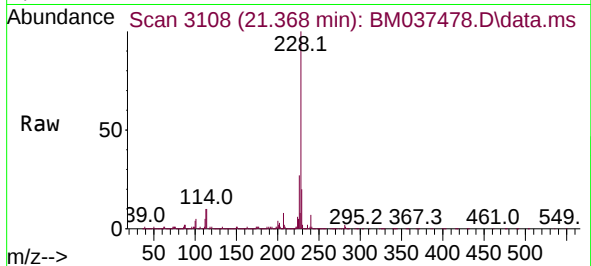
Tgt Ion:149 Resp: 1115055
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.2 84.4
 206 20.3 15.4 23.0





#81
Benzo(a)anthracene
Concen: 41.743 ng
RT: 21.368 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

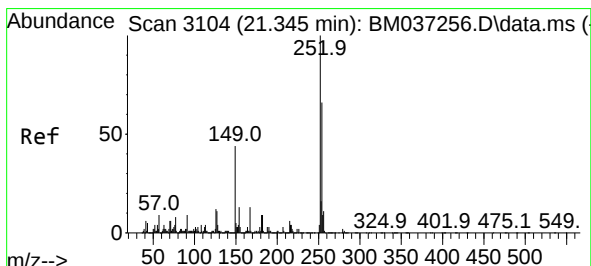
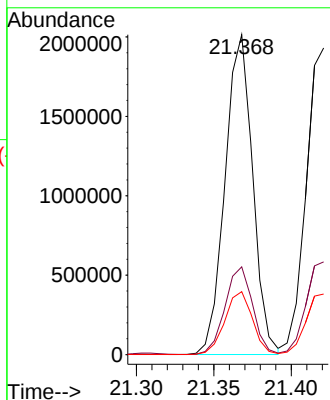
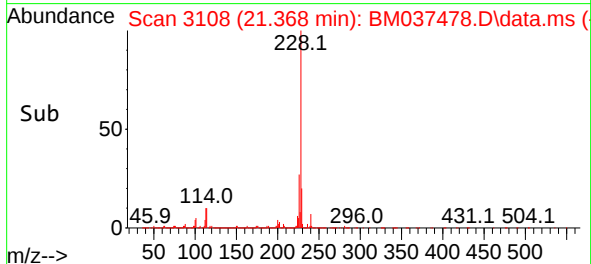
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



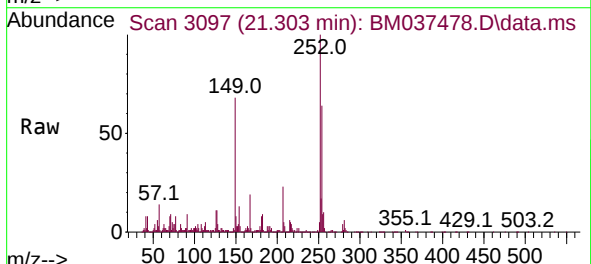
Tgt Ion:228 Resp: 2505230
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.7 16.2 24.2

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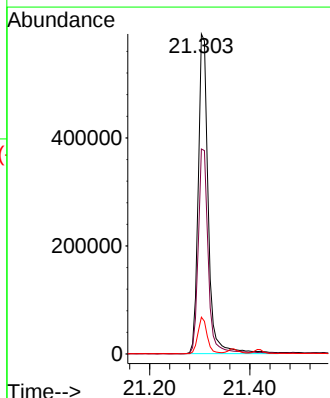
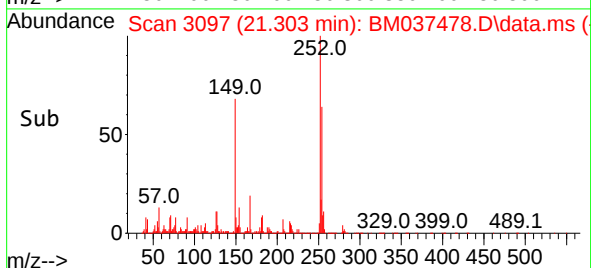
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

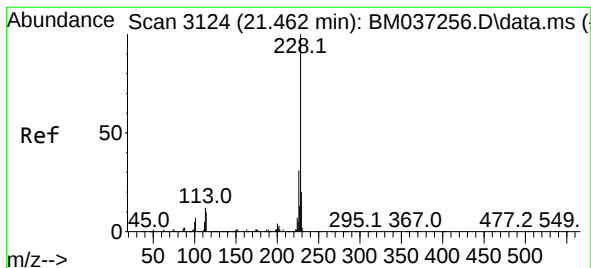


#82
3,3'-Dichlorobenzidine
Concen: 46.539 ng
RT: 21.303 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53



Tgt Ion:252 Resp: 820342
Ion Ratio Lower Upper
252 100
254 64.0 52.7 79.1
126 11.5 9.8 14.6





#83

Chrysene

Concen: 41.342 ng

RT: 21.421 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM037478.D

Acq: 11 Nov 2022 21:53

Instrument :

BNA_M

ClientSampleId :

SB-33MSD

Tgt Ion:228 Resp: 2390460

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

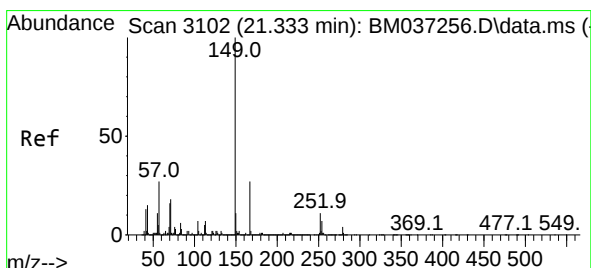
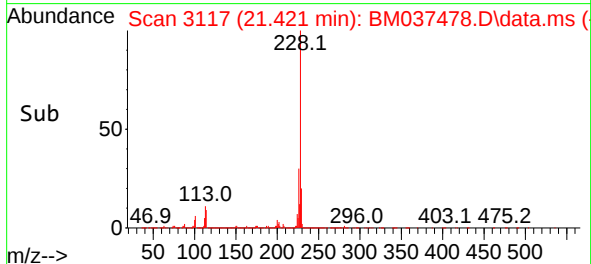
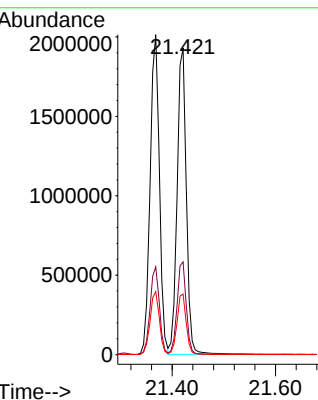
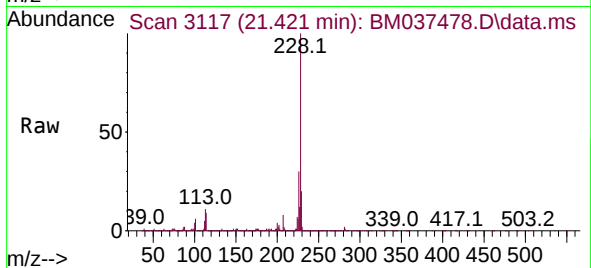
229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.430 ng

RT: 21.291 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM037478.D

Acq: 11 Nov 2022 21:53

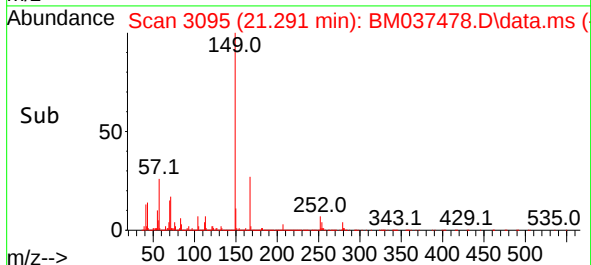
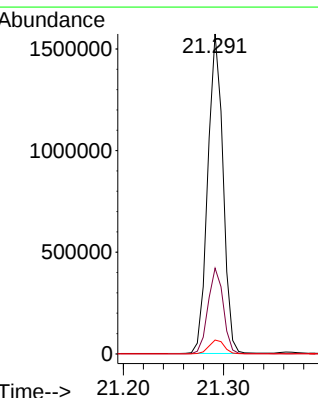
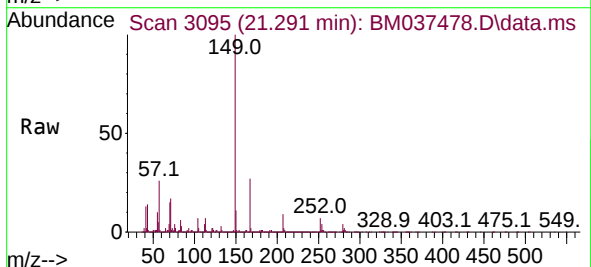
Tgt Ion:149 Resp: 1660105

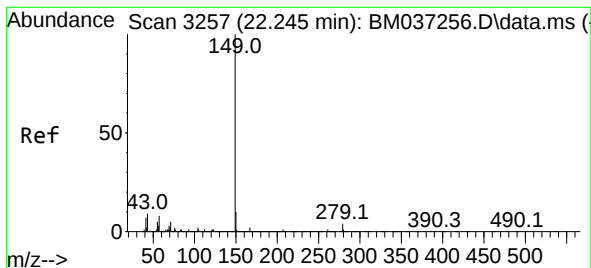
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

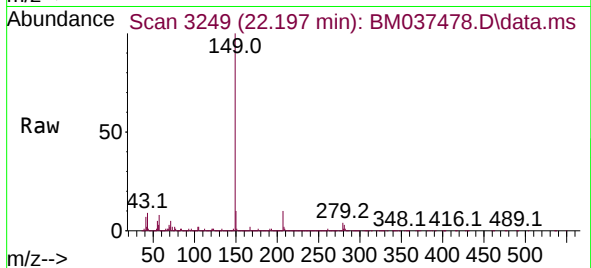
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 53.639 ng
RT: 22.197 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

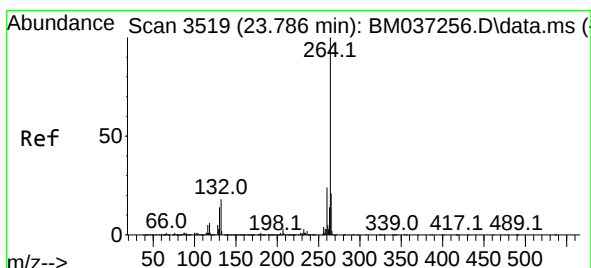
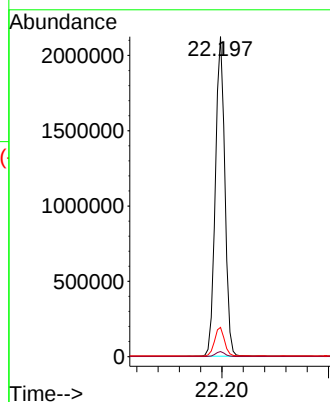
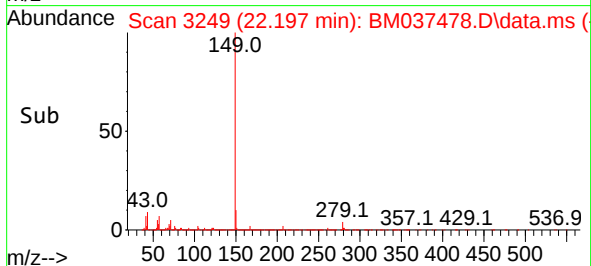
Instrument :
BNA_M
ClientSampleId :
SB-33MSD



Tgt Ion:149 Resp: 2624744
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.3 8.0 12.0

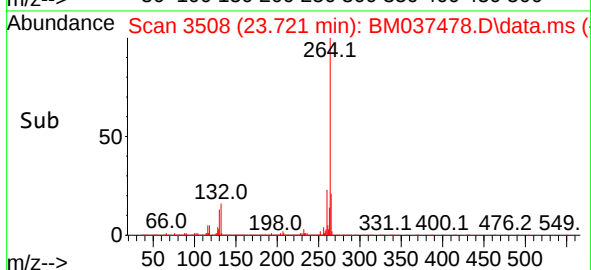
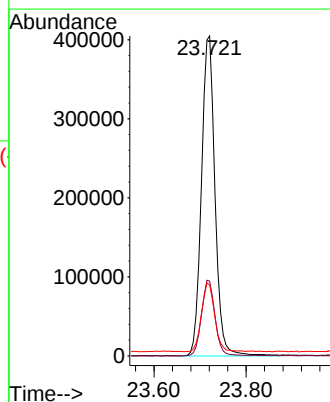
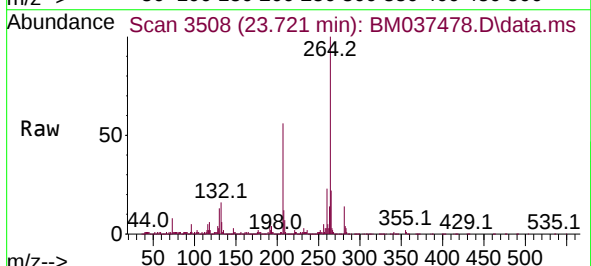
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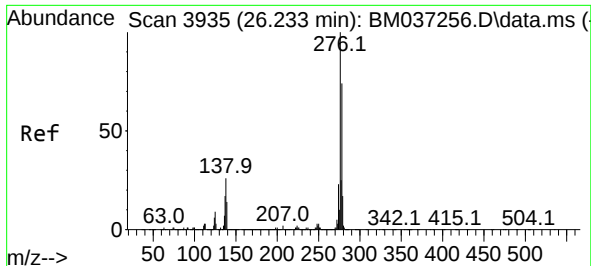
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion:264 Resp: 823401
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 22.2 17.7 26.5





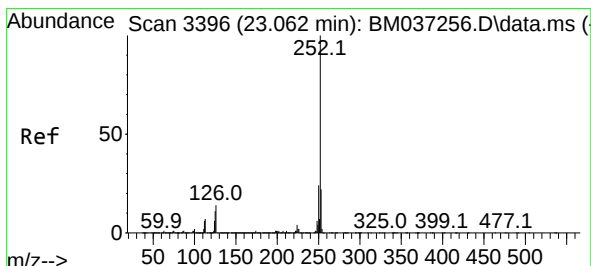
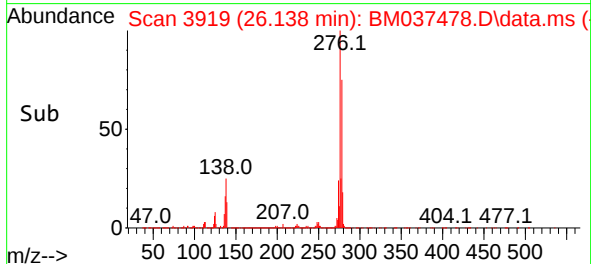
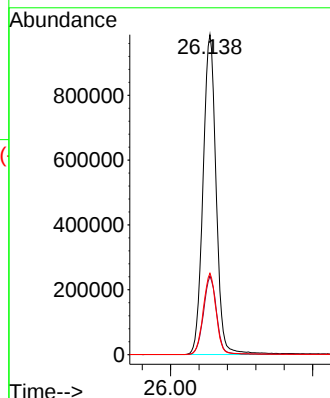
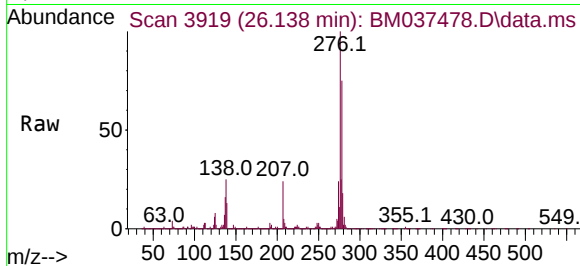
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.850 ng
RT: 26.138 min Scan# 3935
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:276 Resp: 315857
Ion Ratio Lower Upper
276 100
138 24.3 21.5 32.3
277 25.1 20.1 30.1

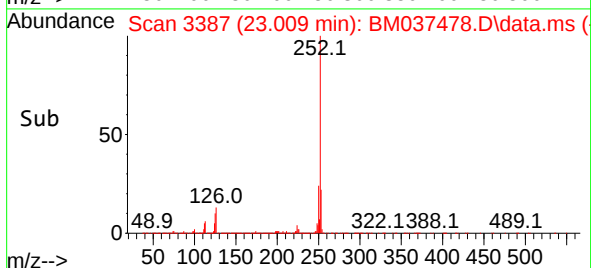
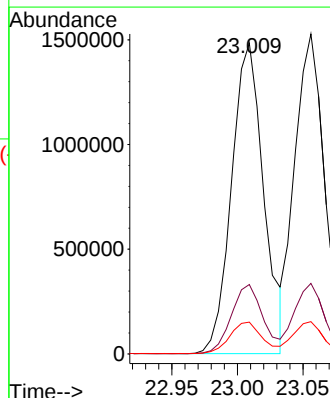
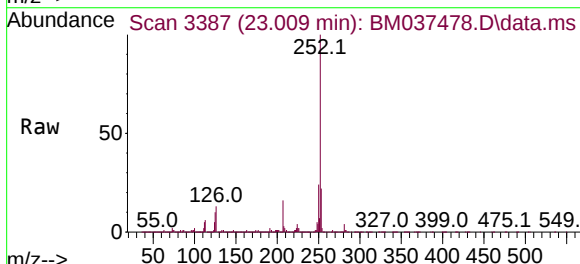
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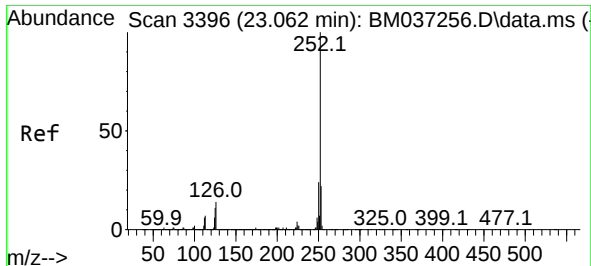
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#88
Benzo(b)fluoranthene
Concen: 44.194 ng
RT: 23.009 min Scan# 3387
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion:252 Resp: 2526343
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.2 9.1 13.7





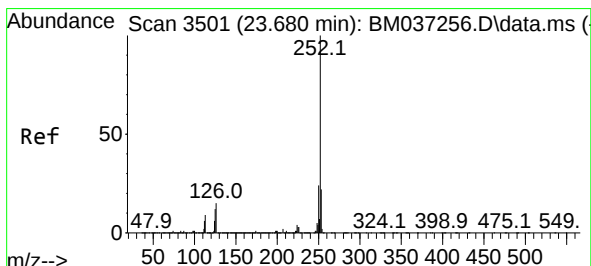
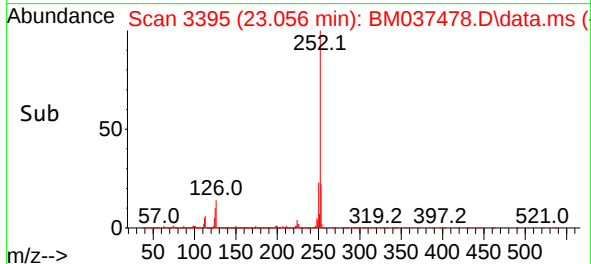
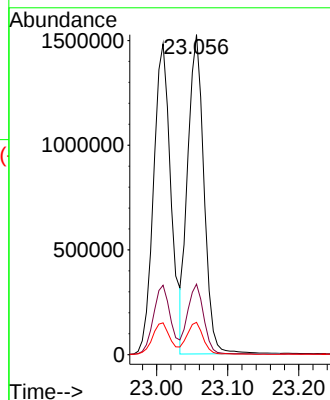
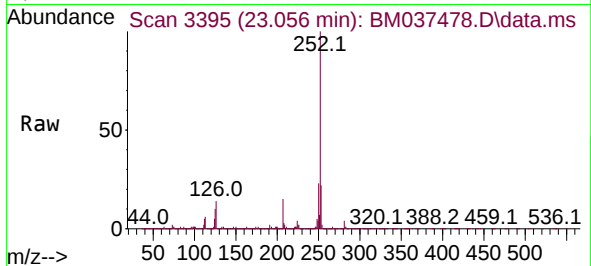
#89
Benzo(k)fluoranthene
Concen: 41.494 ng
RT: 23.056 min Scan# 3396
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Tgt Ion:252 Resp: 2419458
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.1 9.1 13.7

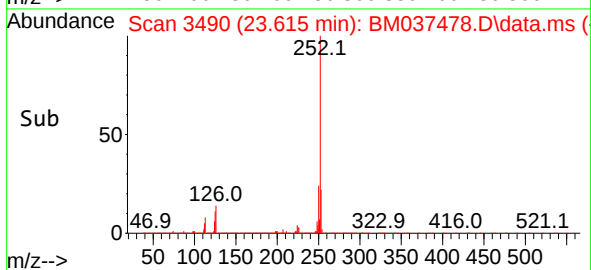
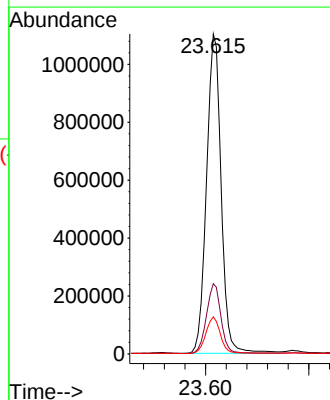
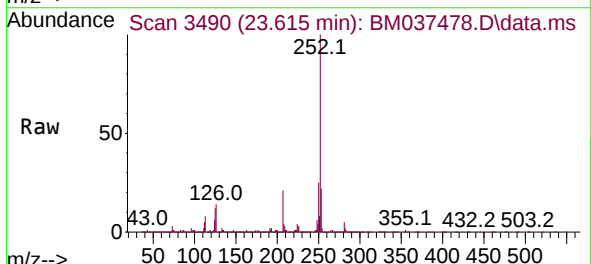
Manual Integrations
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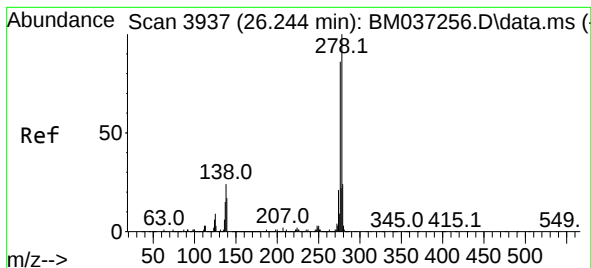
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#90
Benzo(a)pyrene
Concen: 46.540 ng
RT: 23.615 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM037478.D
Acq: 11 Nov 2022 21:53

Tgt Ion:252 Resp: 2167672
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.6 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 47.701 ng

RT: 26.150 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM037478.D

Acq: 11 Nov 2022 21:53

Instrument :

BNA_M

ClientSampleId :

SB-33MSD

Tgt Ion:278 Resp: 267061

Ion Ratio Lower Upper

278 100

139 15.9 13.8 20.8

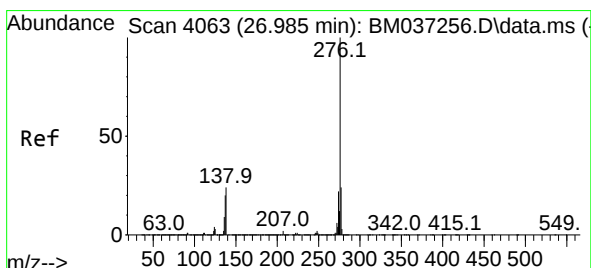
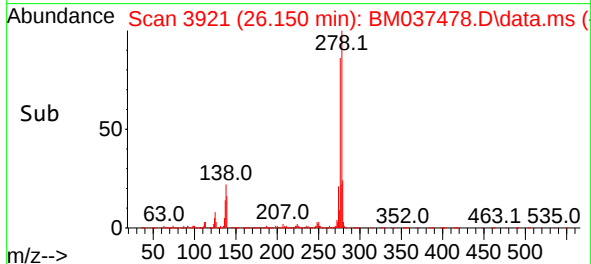
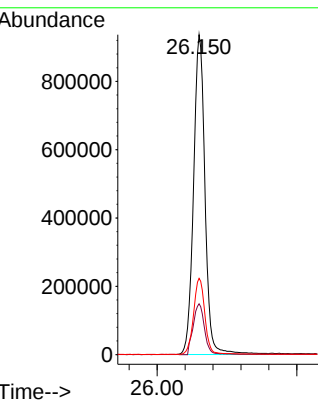
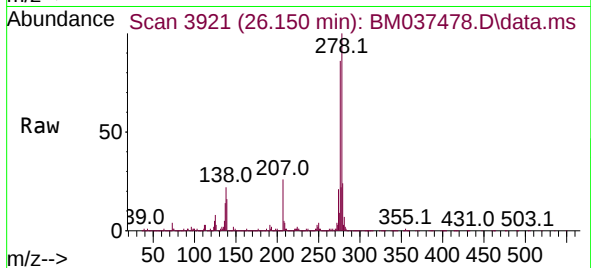
279 23.9 19.0 28.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 49.332 ng

RT: 26.879 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BM037478.D

Acq: 11 Nov 2022 21:53

Tgt Ion:276 Resp: 2688046

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 21.1 18.9 28.3

