

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042403.D
 Acq On : 23 Oct 2023 15:43
 Operator : MA/JU
 Sample : 04844-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-06MSD

Quant Time: Oct 23 16:37:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	137400	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	540357	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	274773	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	533368	20.000	ng	0.00
76) Chrysene-d12	21.574	240	507048	20.000	ng	0.00
86) Perylene-d12	24.039	264	603315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	920671	94.701	ng	0.00
7) Phenol-d6	7.146	99	1185928	91.026	ng	0.00
23) Nitrobenzene-d5	9.193	82	733108	59.993	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	257573	88.089	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1246288	61.078	ng	0.00
79) Terphenyl-d14	20.004	244	1707973	59.739	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	208787	45.608	ng	98
3) Pyridine	3.811	79	526257	39.182	ng	97
4) n-Nitrosodimethylamine	3.734	42	314008	46.305	ng	94
6) Aniline	7.334	93	446633	26.925	ng	98
8) 2-Chlorophenol	7.552	128	523671	54.285	ng	96
9) Benzaldehyde	7.152	77	191749	25.269	ng	99
10) Phenol	7.175	94	704492	52.331	ng	100
11) bis(2-Chloroethyl)ether	7.434	93	555137	50.226	ng	96
12) 1,3-Dichlorobenzene	7.875	146	544072	54.528	ng	99
13) 1,4-Dichlorobenzene	8.034	146	552754	55.034	ng	99
14) 1,2-Dichlorobenzene	8.346	146	526937	54.637	ng	99
15) Benzyl Alcohol	8.252	79	489095	50.642	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	848390m	48.511	ng	
17) 2-Methylphenol	8.434	107	438816	49.396	ng	98
18) Hexachloroethane	9.063	117	213193	55.137	ng	94
19) n-Nitroso-di-n-propyla...	8.816	70	434375	49.191	ng	97
20) 3+4-Methylphenols	8.769	107	588970	49.429	ng	97
22) Acetophenone	8.846	105	781217	52.993	ng	# 98
24) Nitrobenzene	9.240	77	631876	51.686	ng	97
25) Isophorone	9.746	82	1103353	53.131	ng	99
26) 2-Nitrophenol	9.940	139	257256	54.298	ng	97
27) 2,4-Dimethylphenol	9.975	122	418940	49.734	ng	97
28) bis(2-Chloroethoxy)met...	10.234	93	682951	51.907	ng	100
29) 2,4-Dichlorophenol	10.457	162	436601	59.601	ng	98
30) 1,2,4-Trichlorobenzene	10.669	180	452823	57.662	ng	98
31) Naphthalene	10.869	128	1485249	53.513	ng	99
32) Benzoic acid	10.110	122	339886	54.372	ng	97
33) 4-Chloroaniline	11.004	127	192255	15.954	ng	98
34) Hexachlorobutadiene	11.098	225	253013	59.539	ng	99
35) Caprolactam	11.828	113	144753	49.561	ng	96
36) 4-Chloro-3-methylphenol	12.098	107	491238	55.570	ng	99
37) 2-Methylnaphthalene	12.469	142	948627	50.773	ng	99
38) 1-Methylnaphthalene	12.692	142	924647	52.827	ng	100
40) 1,2,4,5-Tetrachloroben...	12.822	216	471139	59.311	ng	99
41) Hexachlorocyclopentadiene	12.769	237	419946	96.501	ng	98
43) 2,4,6-Trichlorophenol	13.075	196	314290	61.119	ng	97

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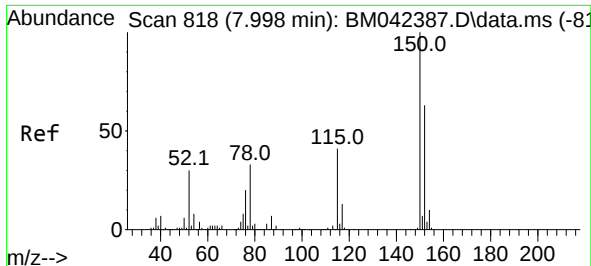
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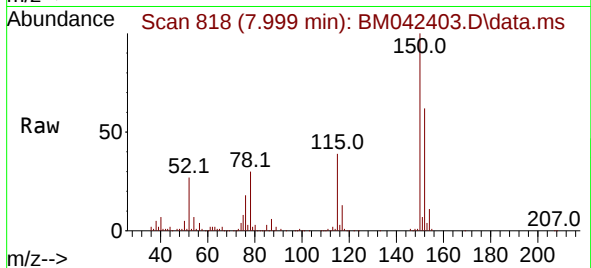
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	344216	56.626	ng	98
46) 1,1'-Biphenyl	13.481	154	1220264	55.981	ng	98
47) 2-Chloronaphthalene	13.528	162	919312	57.485	ng	99
48) 2-Nitroaniline	13.757	65	340788	48.215	ng	97
49) Acenaphthylene	14.369	152	1497855	58.016	ng	100
50) Dimethylphthalate	14.104	163	1067726	52.977	ng	99
51) 2,6-Dinitrotoluene	14.251	165	234033	51.221	ng	90
52) Acenaphthene	14.704	154	855675	54.819	ng	99
53) 3-Nitroaniline	14.586	138	174677	33.434	ng	98
54) 2,4-Dinitrophenol	14.786	184	280403	97.484	ng	99
55) Dibenzofuran	15.039	168	1344558	54.462	ng	98
56) 4-Nitrophenol	14.875	139	473750	115.412	ng	96
57) 2,4-Dinitrotoluene	15.028	165	310326	50.733	ng	93
58) Fluorene	15.686	166	1078050	55.337	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.257	232	274950	60.209	ng	95
60) Diethylphthalate	15.451	149	1070222	53.809	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	515814	56.222	ng	94
62) 4-Nitroaniline	15.751	138	239770	46.441	ng	98
63) Azobenzene	15.975	77	1255931	52.632	ng	96
65) 4,6-Dinitro-2-methylph...	15.780	198	166354	48.723	ng	86
66) n-Nitrosodiphenylamine	15.904	169	902891	56.203	ng	99
67) 4-Bromophenyl-phenylether	16.575	248	259836	52.563	ng	97
68) Hexachlorobenzene	16.657	284	320896	60.730	ng	98
69) Atrazine	16.851	200	299685	73.562	ng	100
70) Pentachlorophenol	17.022	266	470494	104.665	ng	99
71) Phenanthrene	17.433	178	1641117	56.560	ng	100
72) Anthracene	17.527	178	1620261	56.384	ng	99
73) Carbazole	17.816	167	1518789	56.339	ng	99
74) Di-n-butylphthalate	18.333	149	1895591	55.087	ng	100
75) Fluoranthene	19.445	202	1867227	58.431	ng	99
77) Benzidine	19.657	184	832154	113.464	ng	100
78) Pyrene	19.816	202	1943697	54.857	ng	100
80) Butylbenzylphthalate	20.692	149	885883	54.671	ng	94
81) Benzo(a)anthracene	21.557	228	1918767	56.449	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	525626	51.800	ng	99
83) Chrysene	21.615	228	1749400	53.584	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1263460	54.820	ng	97
85) Di-n-octyl phthalate	22.380	149	2280613	57.078	ng	97
87) Indeno(1,2,3-cd)pyrene	26.633	276	2487475	56.418	ng	96
88) Benzo(b)fluoranthene	23.280	252	2071684	57.047	ng	98
89) Benzo(k)fluoranthene	23.327	252	1913934	50.763	ng	98
90) Benzo(a)pyrene	23.927	252	1807119	51.701	ng	99
91) Dibenzo(a,h)anthracene	26.650	278	2057751	56.134	ng	98
92) Benzo(g,h,i)perylene	27.439	276	1980191	55.623	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.999 min Scan# 81
Delta R.T. 0.001 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

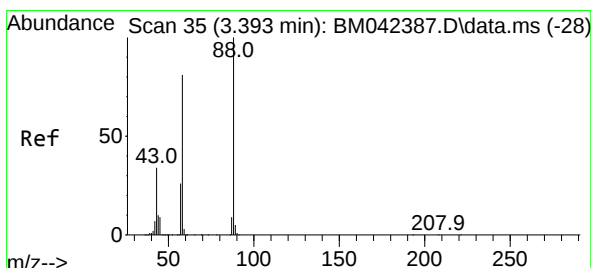
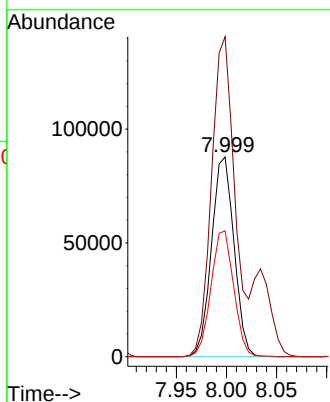
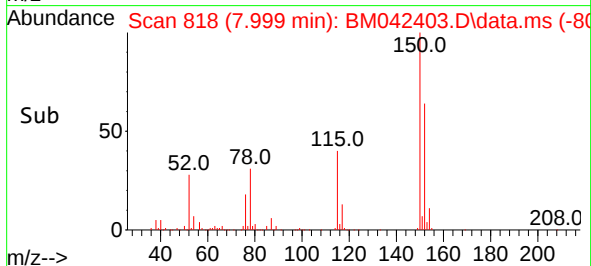
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:152 Resp: 137400
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.4
115 62.9 51.9 77.9

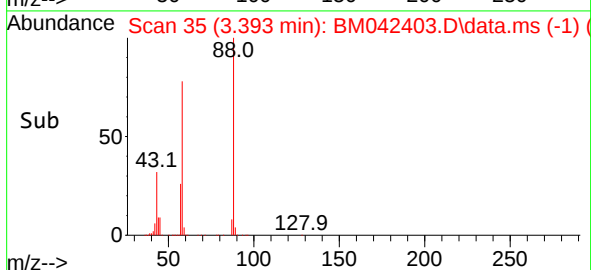
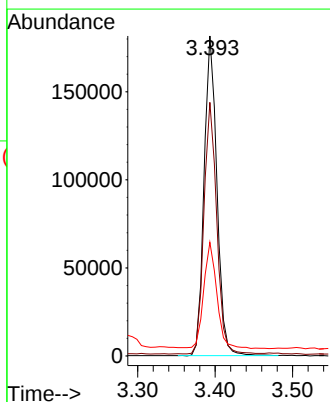
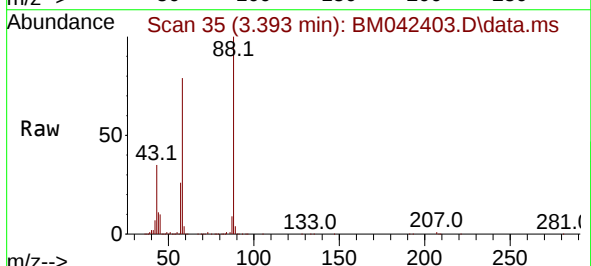
Manual Integrations
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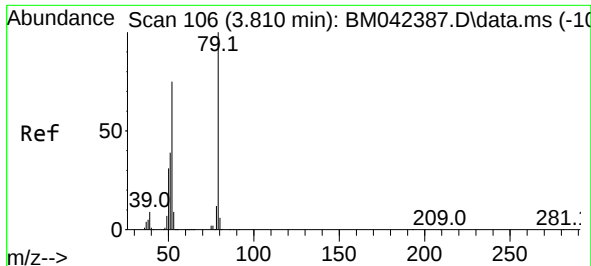
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#2
1,4-Dioxane
Concen: 45.608 ng
RT: 3.393 min Scan# 35
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

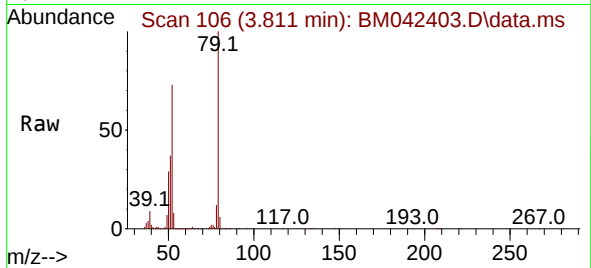
Tgt Ion: 88 Resp: 208787
Ion Ratio Lower Upper
88 100
58 78.8 64.9 97.3
43 34.2 27.8 41.8





#3
Pyridine
Concen: 39.182 ng
RT: 3.811 min Scan# 106
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

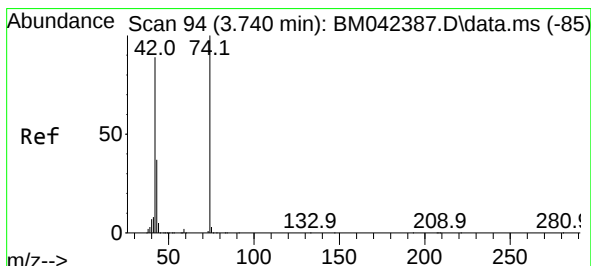
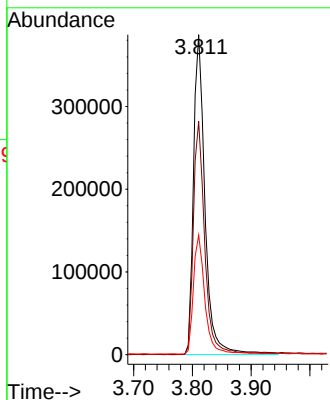
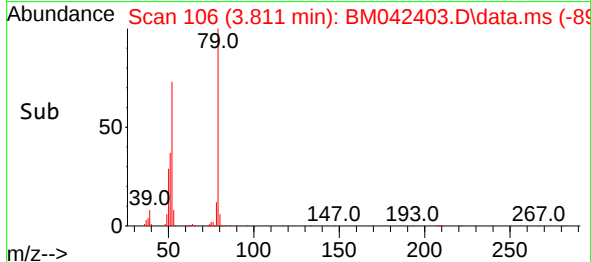
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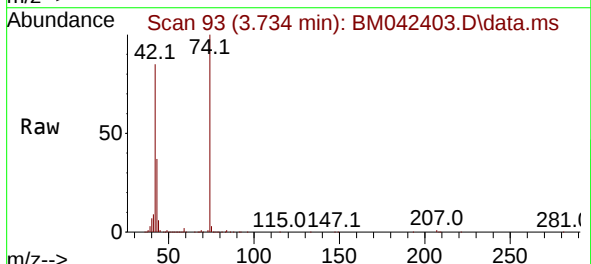
Tgt Ion: 79 Resp: 52625
Ion Ratio Lower Upper
79 100
52 72.9 60.3 90.5
51 37.3 32.0 48.0

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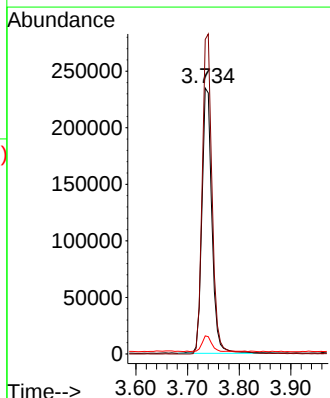
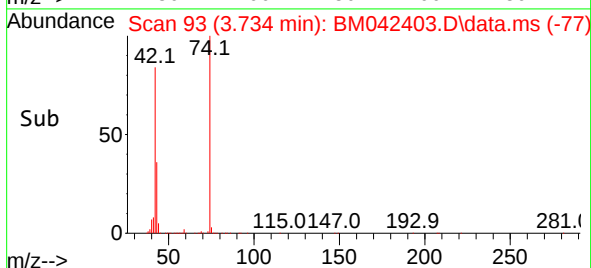
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

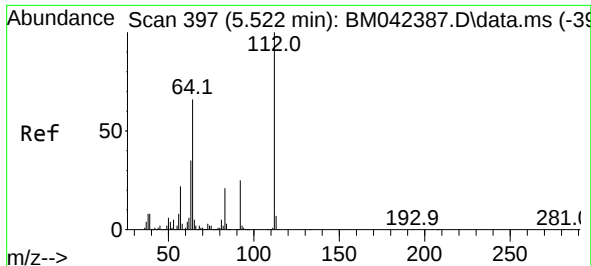


#4
n-Nitrosodimethylamine
Concen: 46.305 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



Tgt Ion: 42 Resp: 314008
Ion Ratio Lower Upper
42 100
74 118.3 89.4 134.2
44 6.8 5.4 8.0





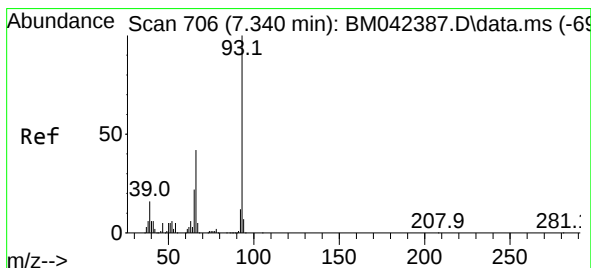
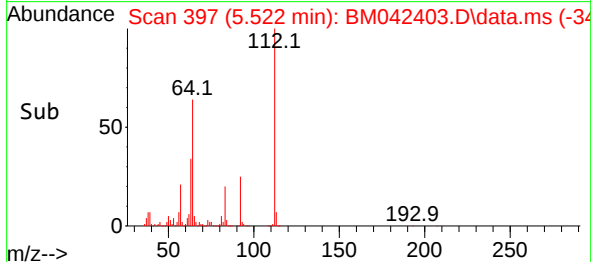
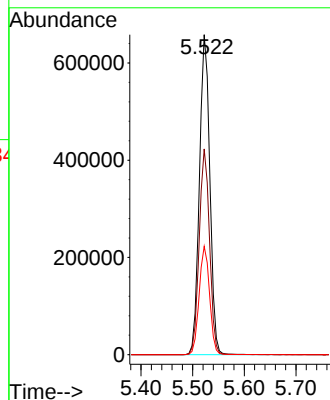
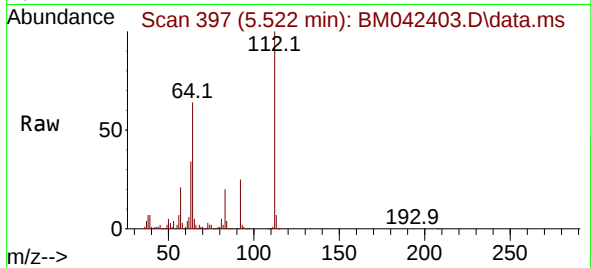
#5
2-Fluorophenol
Concen: 94.701 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Instrument :
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ClientSampleId :
OR-603-COMP-06MSD

Tgt Ion: 112 Resp: 92067
Ion Ratio Lower Upper
112 100
64 64.3 52.7 79.1
63 33.8 28.3 42.5

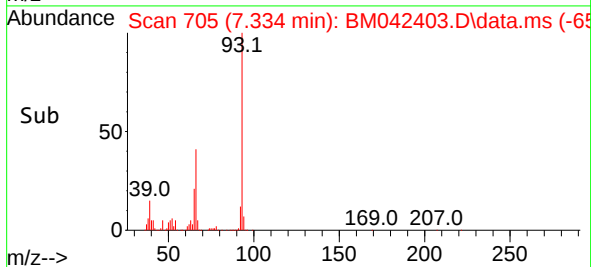
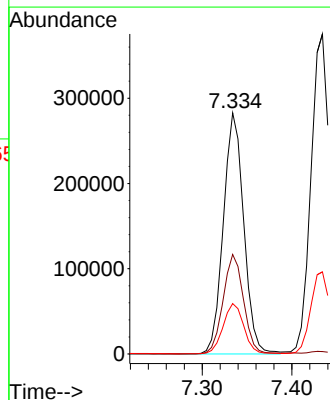
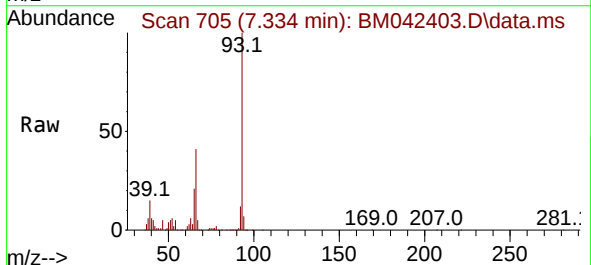
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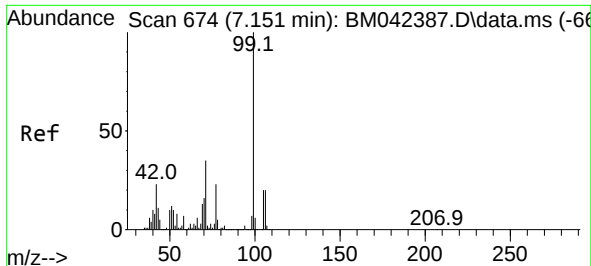
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#6
Aniline
Concen: 26.925 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

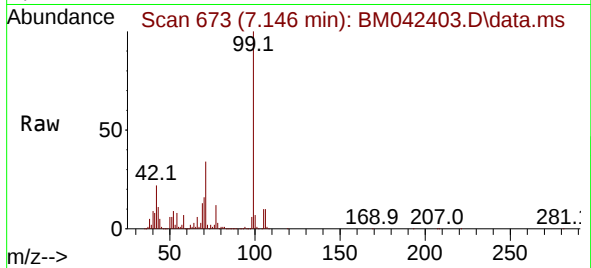
Tgt Ion: 93 Resp: 446633
Ion Ratio Lower Upper
93 100
66 41.3 33.8 50.8
65 20.9 17.4 26.2





#7
Phenol-d6
Concen: 91.026 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

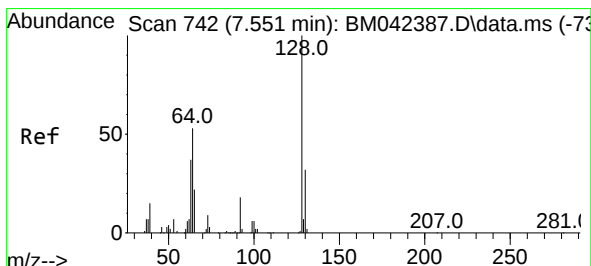
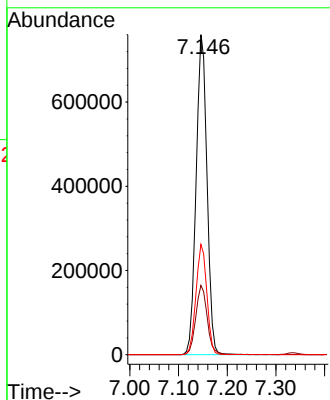
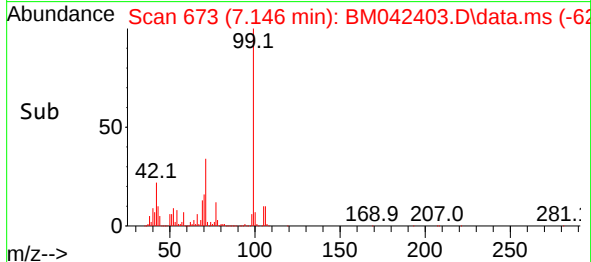
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 1185928
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 34.4 27.7 41.5

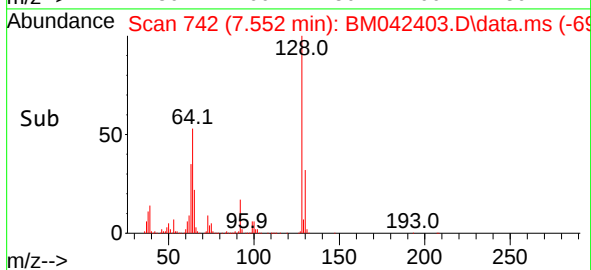
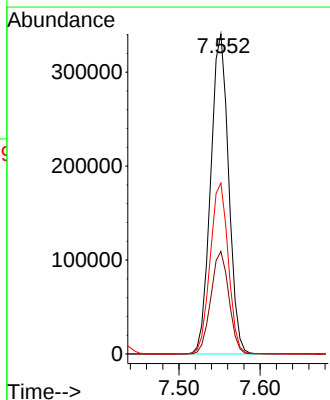
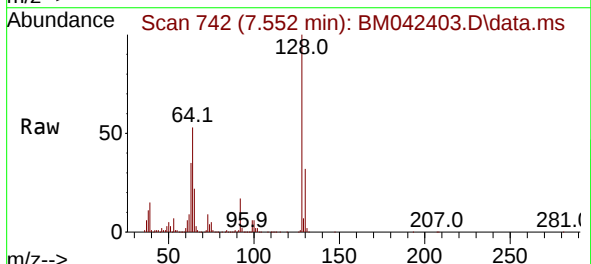
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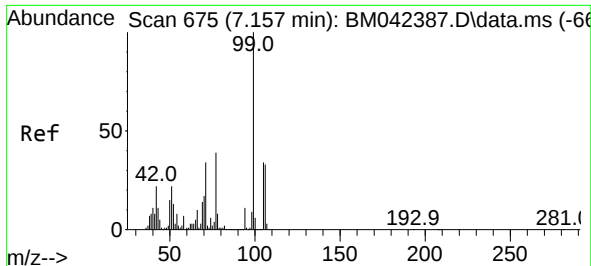
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#8
2-Chlorophenol
Concen: 54.285 ng
RT: 7.552 min Scan# 742
Delta R.T. 0.001 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

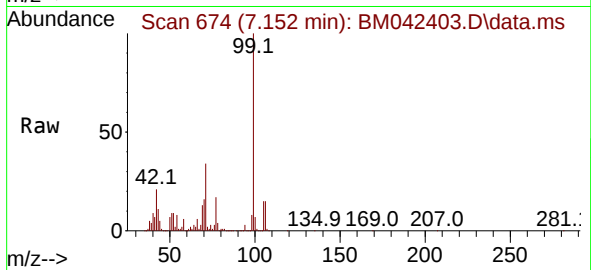
Tgt Ion:128 Resp: 523671
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 53.4 38.2 78.2





#9
Benzaldehyde
Concen: 25.269 ng
RT: 7.152 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

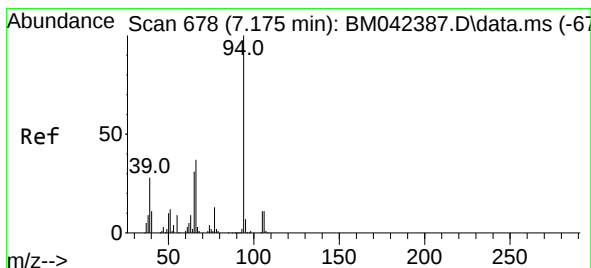
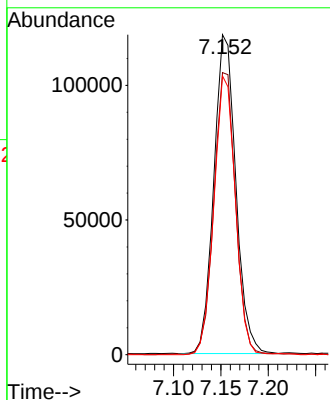
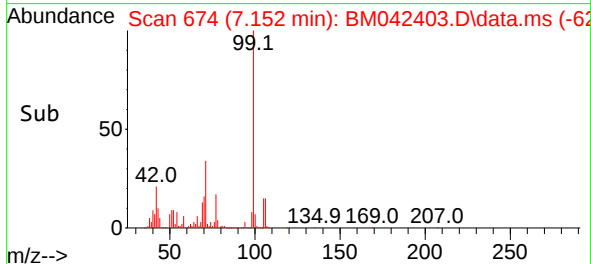
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion: 77 Resp: 191749
Ion Ratio Lower Upper
77 100
105 88.2 68.7 108.7
106 87.1 65.8 105.8

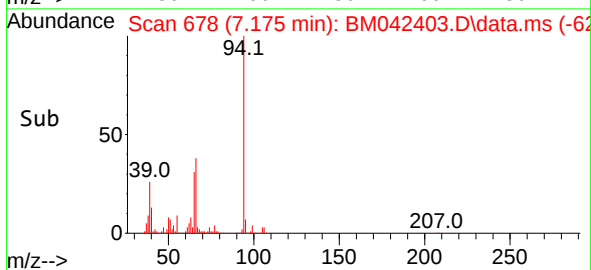
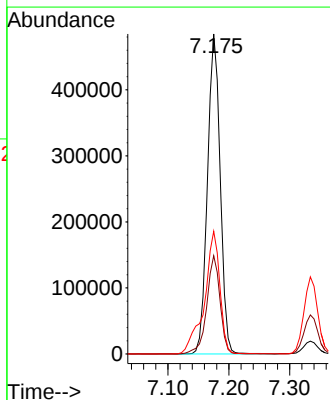
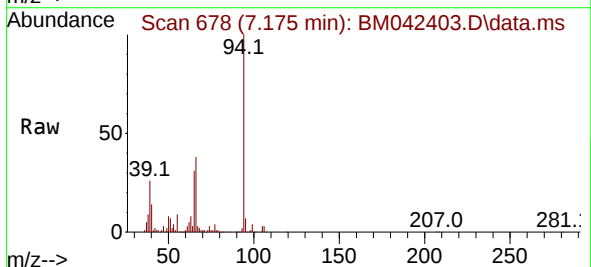
Manual Integrations
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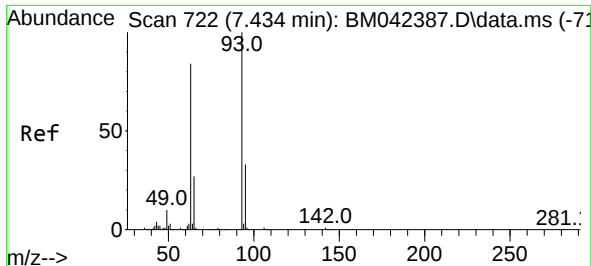
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#10
Phenol
Concen: 52.331 ng
RT: 7.175 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

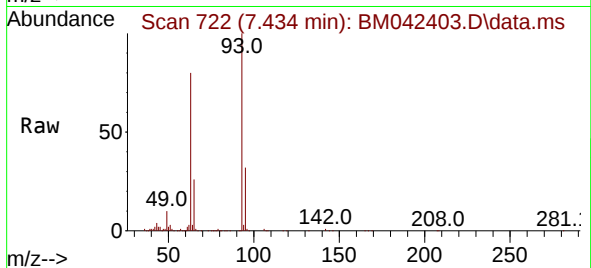
Tgt Ion: 94 Resp: 704492
Ion Ratio Lower Upper
94 100
65 30.7 10.9 50.9
66 38.4 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 50.226 ng
RT: 7.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

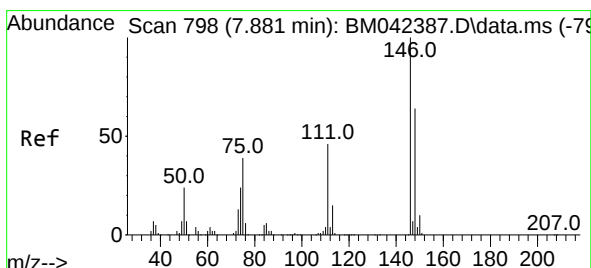
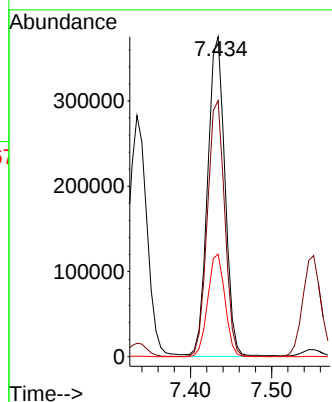
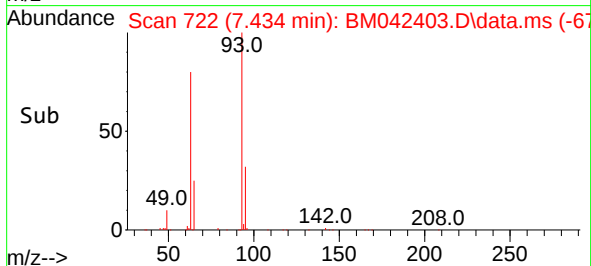
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion: 93 Resp: 55513
Ion Ratio Lower Upper
93 100
63 80.0 64.2 104.2
95 32.0 12.6 52.6

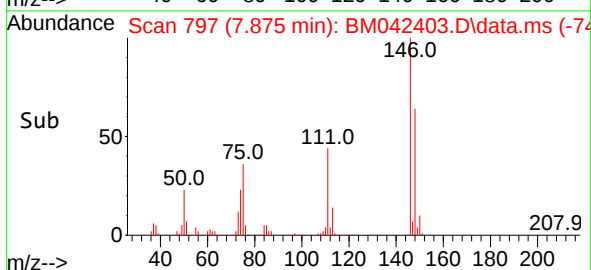
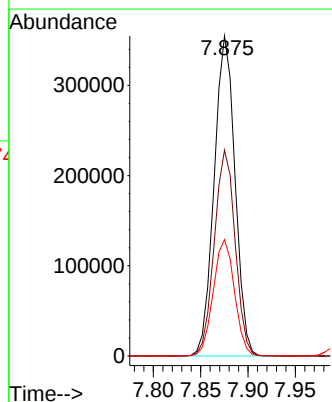
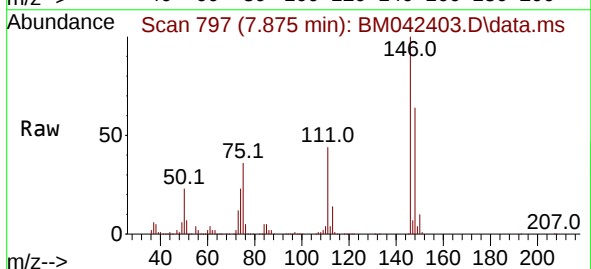
Manual Integrations
APPROVED

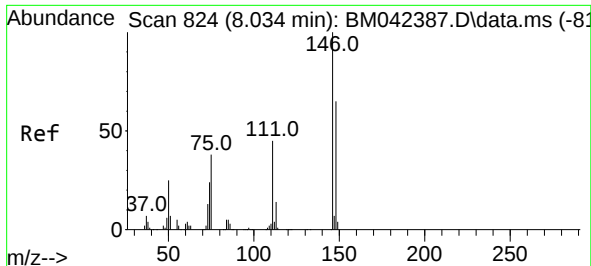
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#12
1,3-Dichlorobenzene
Concen: 54.528 ng
RT: 7.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

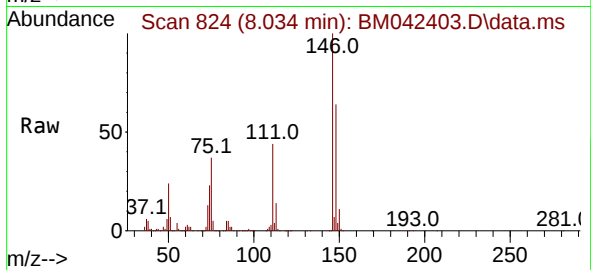
Tgt Ion:146 Resp: 544072
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 36.4 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 55.034 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

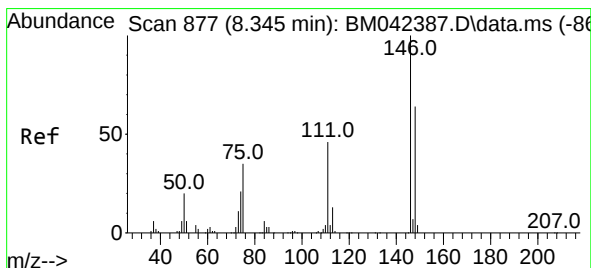
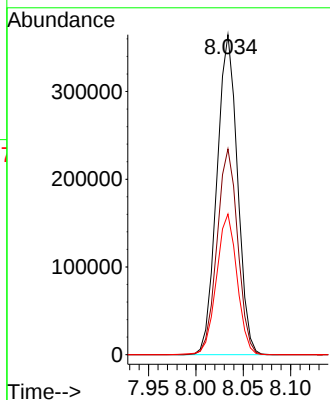
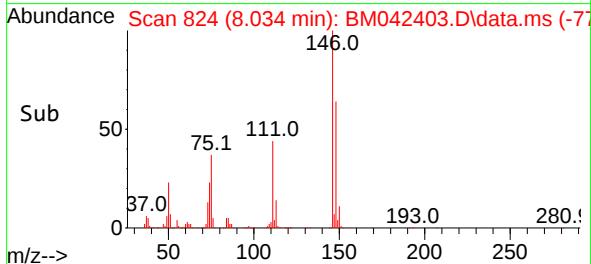
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:146 Resp: 552754
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 43.9 35.9 53.9

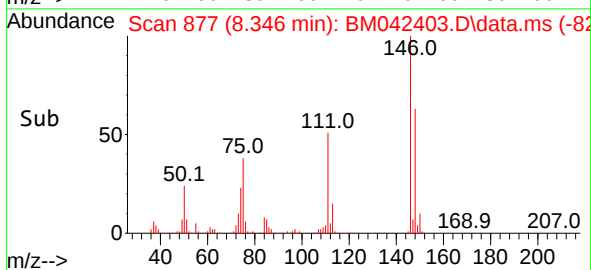
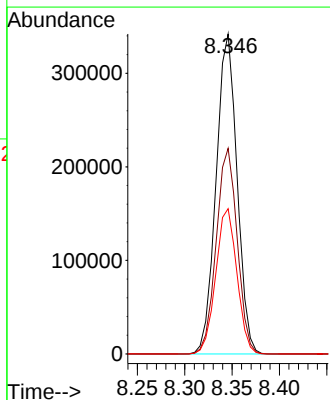
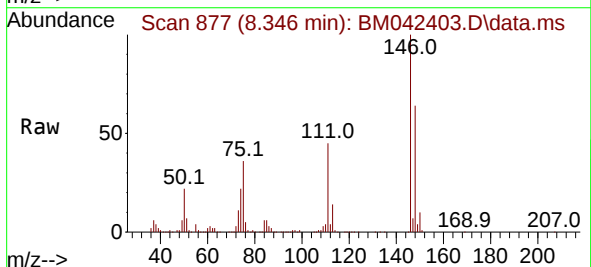
Manual Integrations
APPROVED

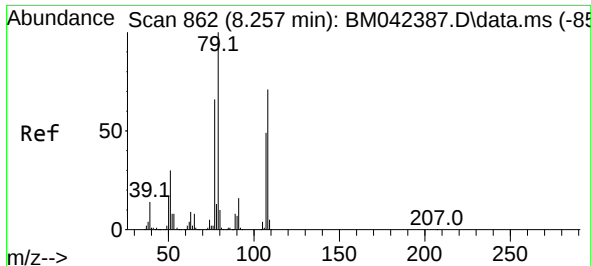
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#14
1,2-Dichlorobenzene
Concen: 54.637 ng
RT: 8.346 min Scan# 877
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

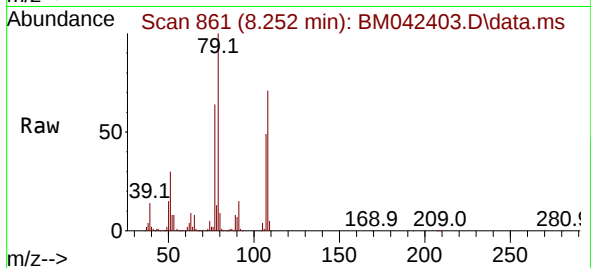
Tgt Ion:146 Resp: 526937
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 45.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 50.642 ng
RT: 8.252 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

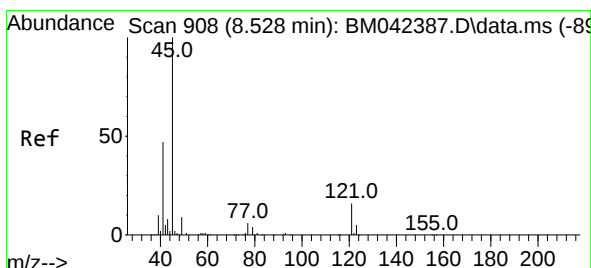
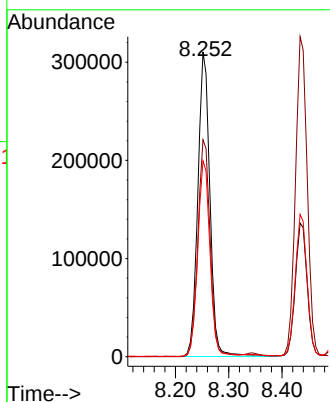
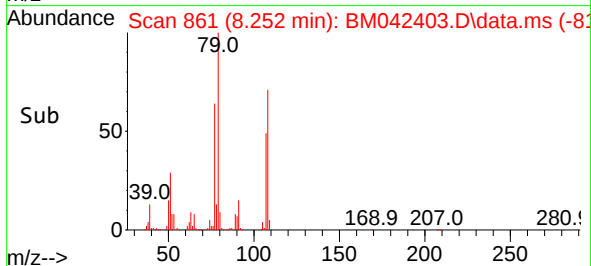
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion: 79 Resp: 489095
Ion Ratio Lower Upper
79 100
108 71.2 57.1 85.7
77 64.3 52.9 79.3

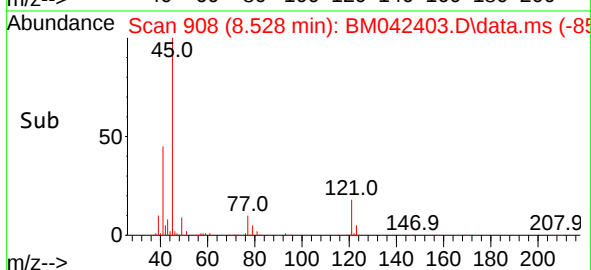
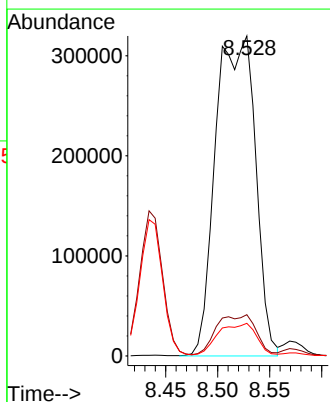
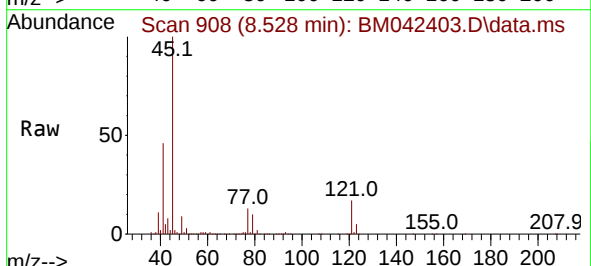
Manual Integrations
APPROVED

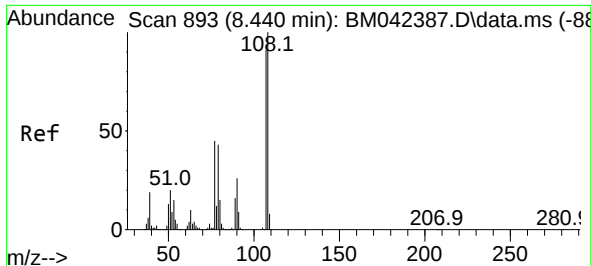
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.511 ng m
RT: 8.528 min Scan# 908
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

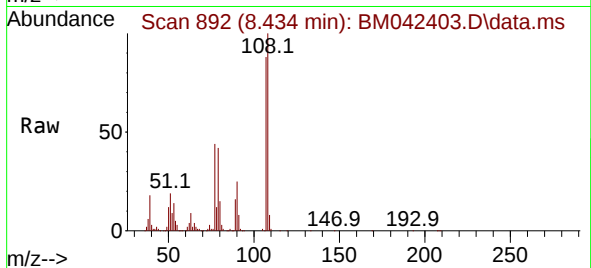
Tgt Ion: 45 Resp: 848390
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.2
79 10.2 0.0 30.4





#17
2-Methylphenol
Concen: 49.396 ng
RT: 8.434 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

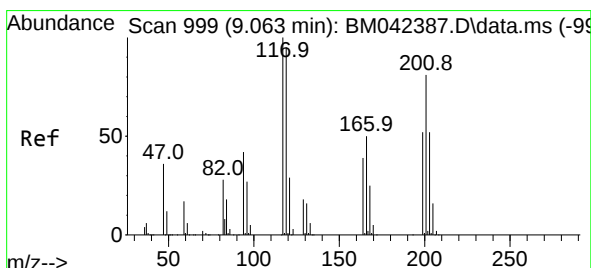
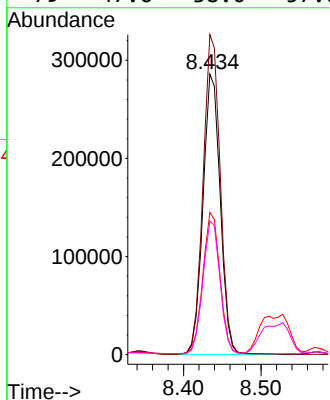
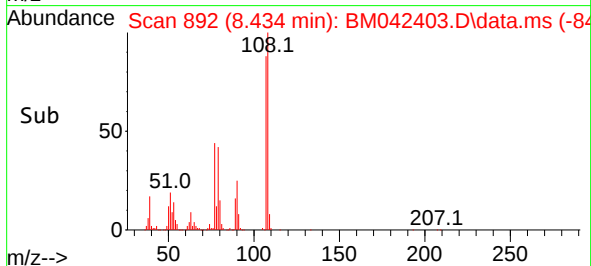
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:	107	Resp:	438810
Ion	Ratio	Lower	Upper
107	100		
108	114.0	88.2	132.4
77	50.7	40.1	60.1
79	47.6	38.0	57.0

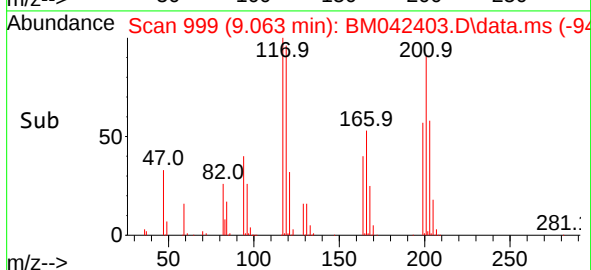
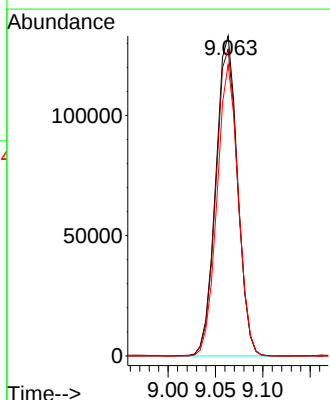
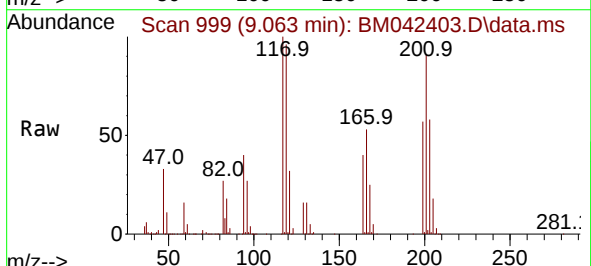
Manual Integrations
APPROVED

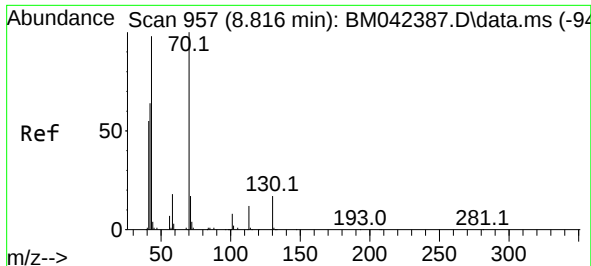
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#18
Hexachloroethane
Concen: 55.137 ng
RT: 9.063 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

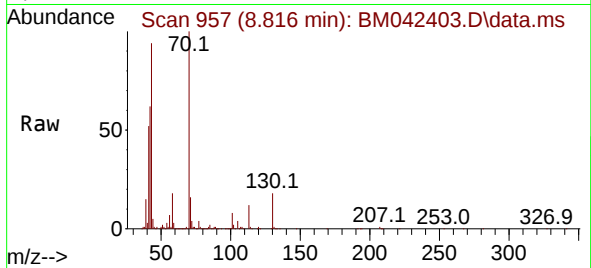
Tgt Ion:	117	Resp:	213193
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.9	113.9
201	91.1	64.6	97.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.191 ng
RT: 8.816 min Scan# 957
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

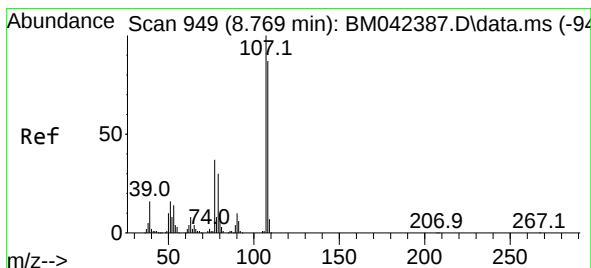
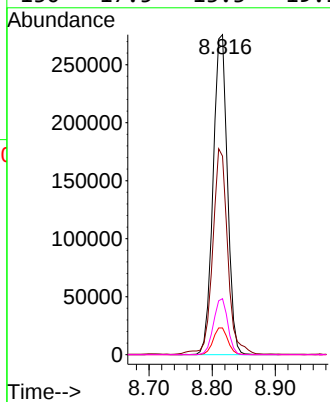
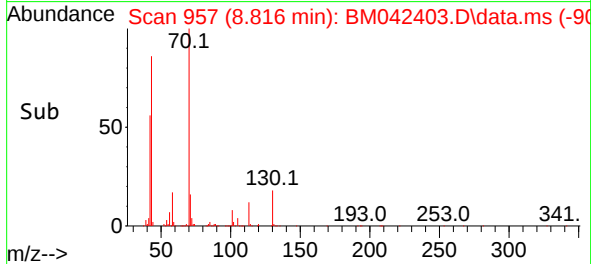
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion: 70 Resp: 434375
Ion Ratio Lower Upper
70 100
42 62.0 52.1 78.1
101 8.4 6.5 9.7
130 17.5 13.3 19.9

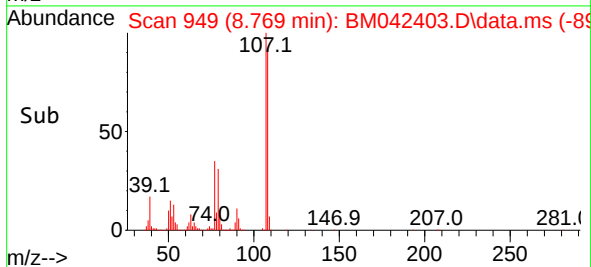
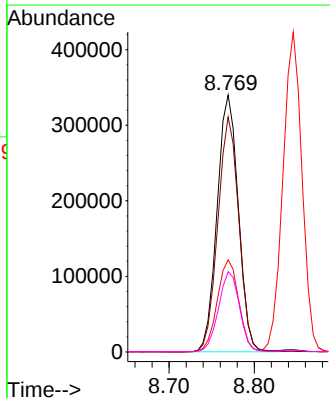
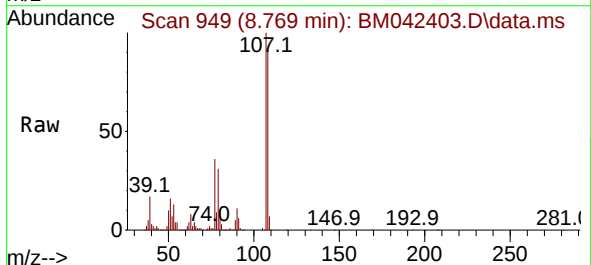
Manual Integrations
APPROVED

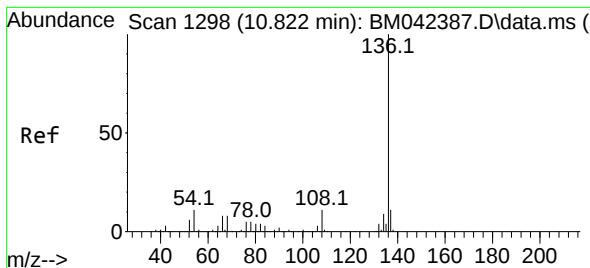
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#20
3+4-Methylphenols
Concen: 49.429 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

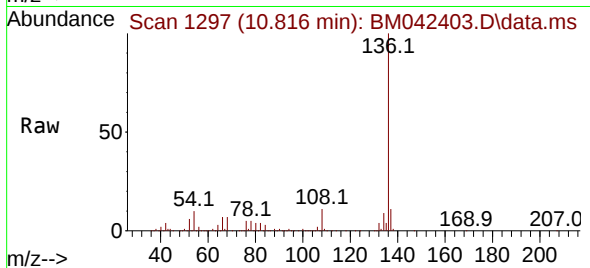
Tgt Ion:107 Resp: 588970
Ion Ratio Lower Upper
107 100
108 91.4 67.2 107.2
77 35.8 16.8 56.8
79 31.2 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

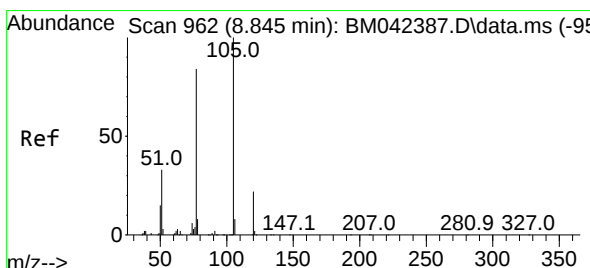
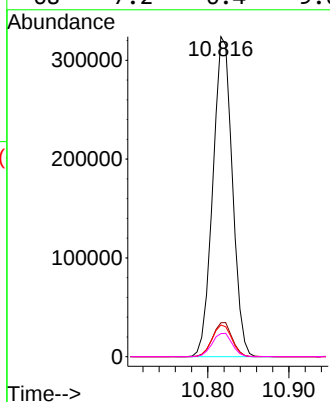
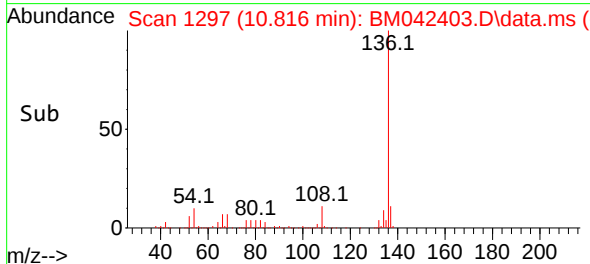
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:136 Resp: 54035
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 9.9 8.6 12.8
68 7.2 6.4 9.6

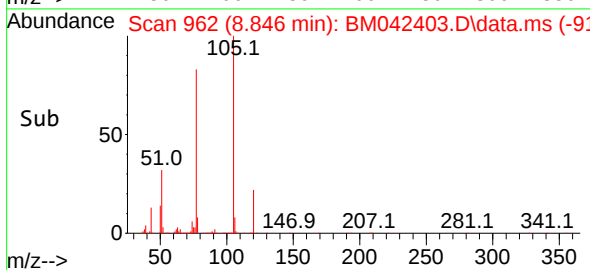
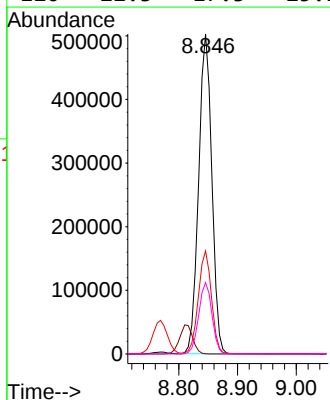
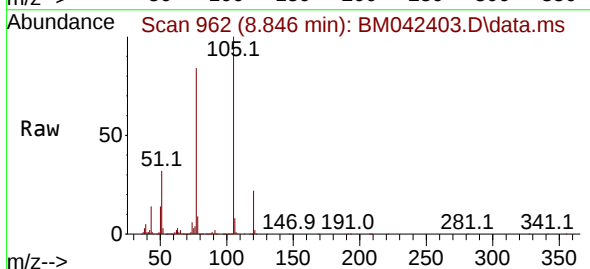
Manual Integrations
APPROVED

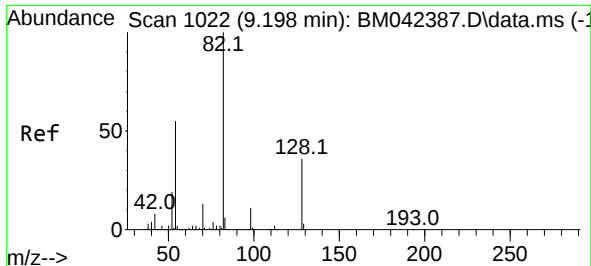
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#22
Acetophenone
Concen: 52.993 ng
RT: 8.846 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

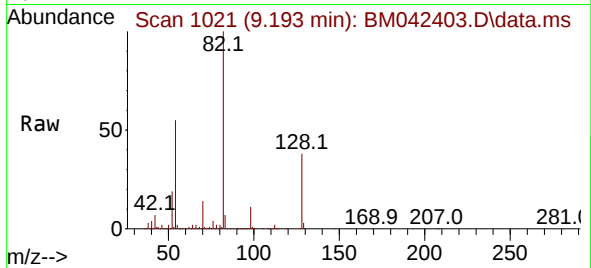
Tgt Ion:105 Resp: 781217
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 32.2 27.1 40.7
120 22.3 17.3 25.9





#23
Nitrobenzene-d5
Concen: 59.993 ng
RT: 9.193 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

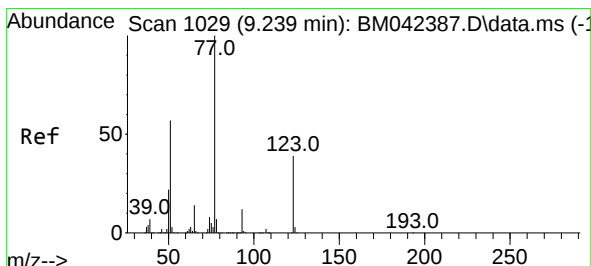
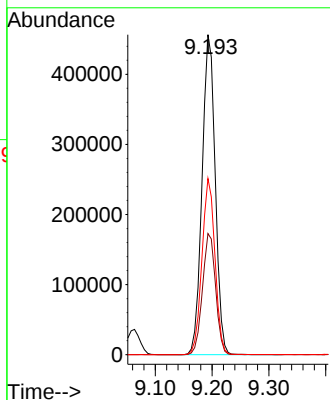
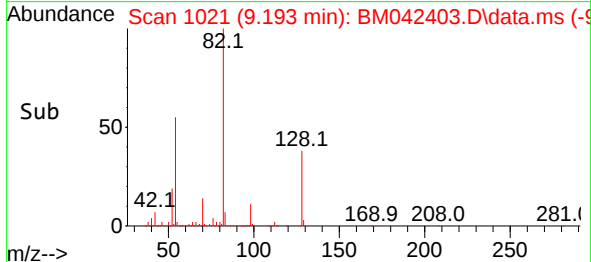
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



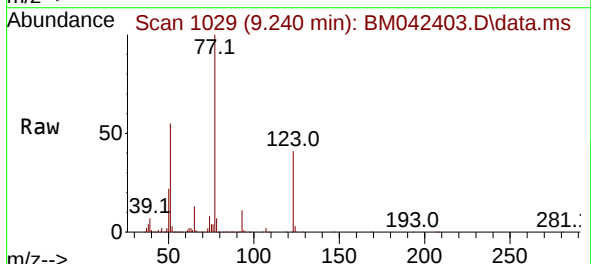
Tgt Ion: 82 Resp: 733108
Ion Ratio Lower Upper
82 100
128 37.9 29.0 43.6
54 55.1 43.7 65.5

Manual Integrations
APPROVED

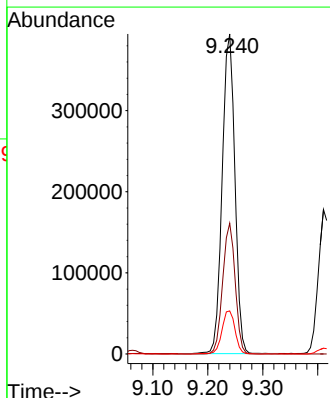
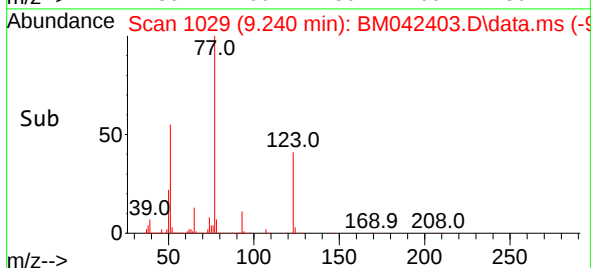
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

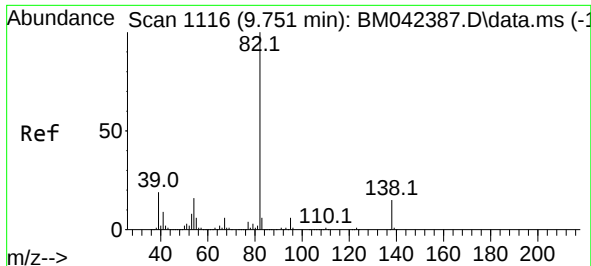


#24
Nitrobenzene
Concen: 51.686 ng
RT: 9.240 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



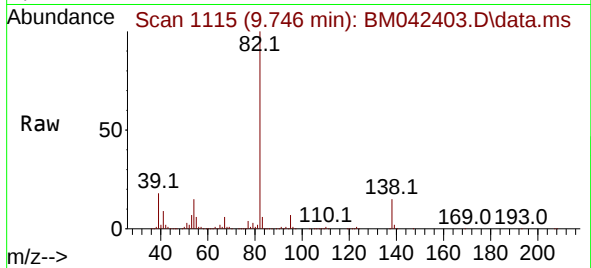
Tgt Ion: 77 Resp: 631876
Ion Ratio Lower Upper
77 100
123 40.8 31.2 46.8
65 13.5 11.4 17.0





#25
Isophorone
Concen: 53.131 ng
RT: 9.746 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

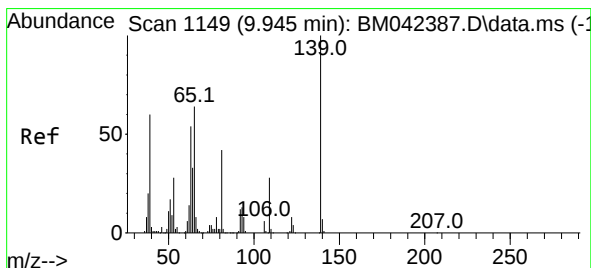
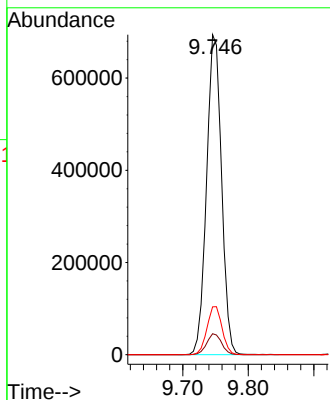
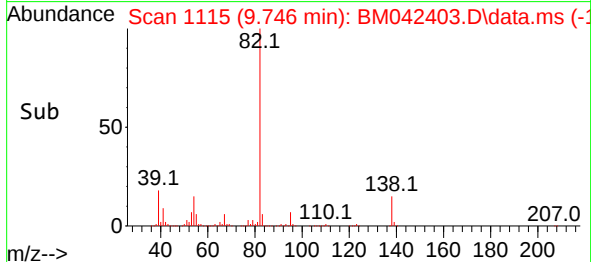
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion: 82 Resp: 110335
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 14.9 11.8 17.6

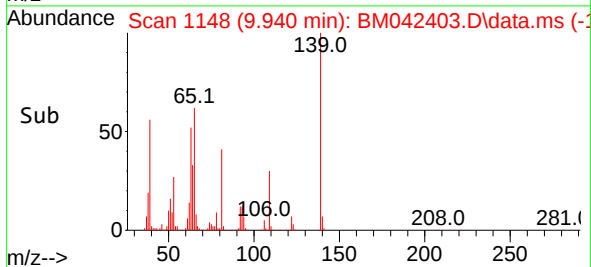
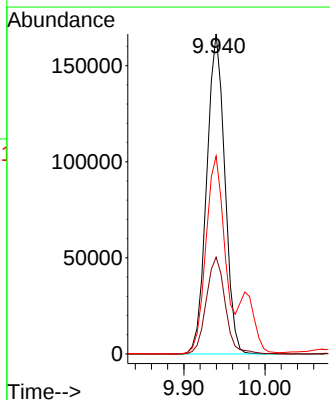
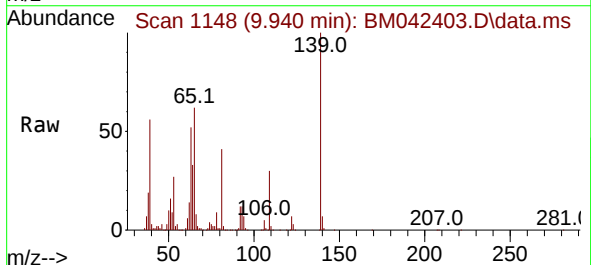
Manual Integrations
APPROVED

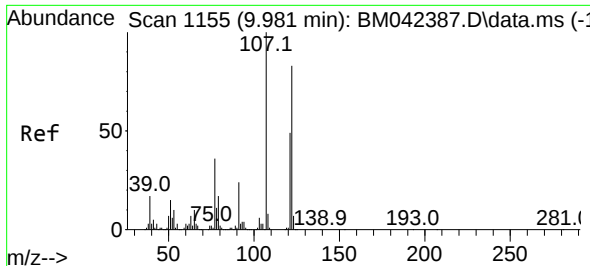
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#26
2-Nitrophenol
Concen: 54.298 ng
RT: 9.940 min Scan# 1148
Delta R.T. -0.005 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Tgt Ion:139 Resp: 257256
Ion Ratio Lower Upper
139 100
109 30.2 22.3 33.5
65 61.9 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 49.734 ng

RT: 9.975 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BM042403.D

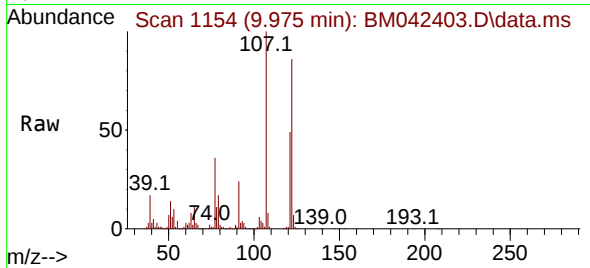
Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD



Tgt Ion:122 Resp: 418940

Ion Ratio Lower Upper

122 100

107 116.4 96.3 144.5

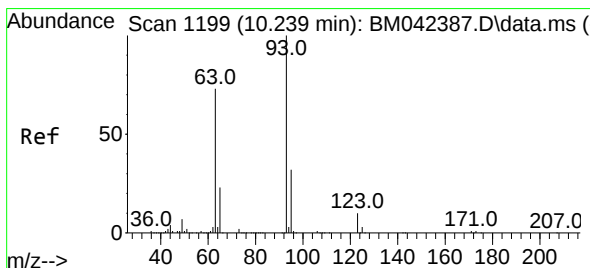
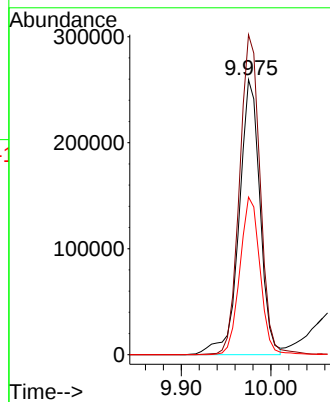
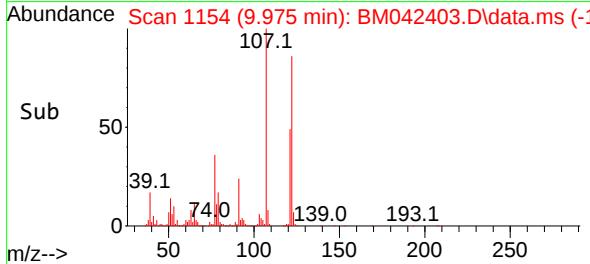
121 57.3 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 51.907 ng

RT: 10.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

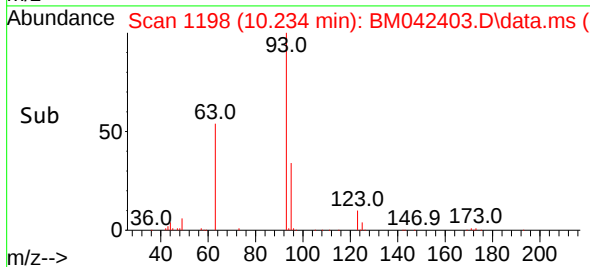
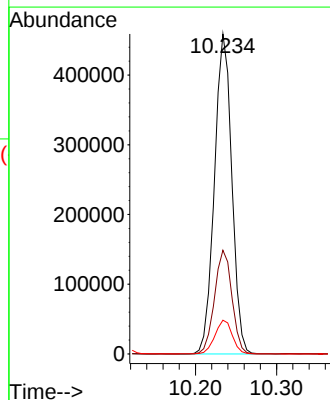
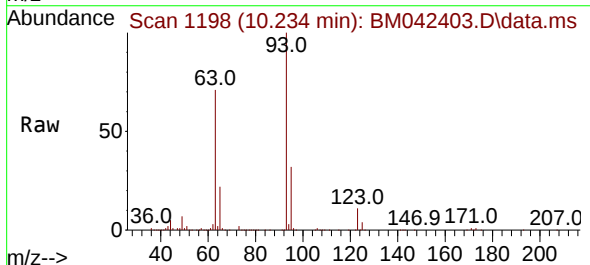
Tgt Ion: 93 Resp: 682951

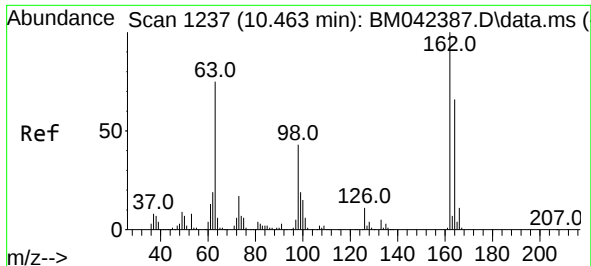
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

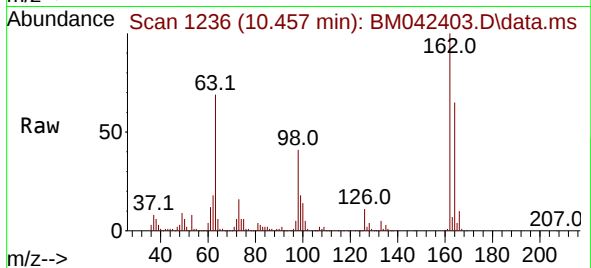
123 10.6 8.2 12.2





#29
2,4-Dichlorophenol
Concen: 59.601 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

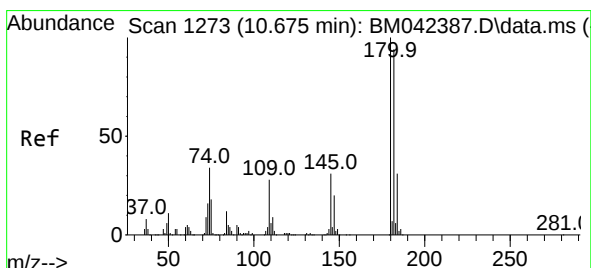
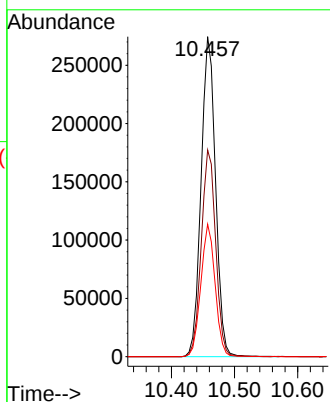
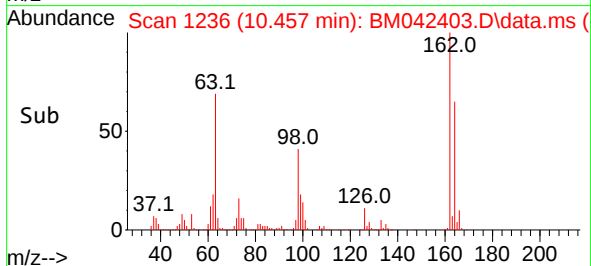
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



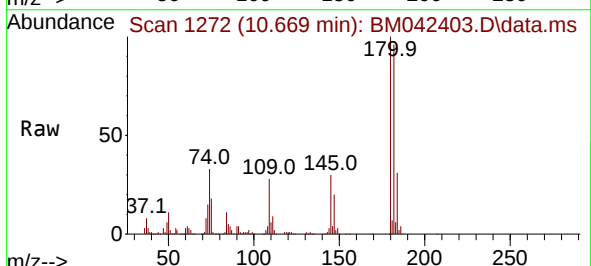
Tgt Ion:162 Resp: 43660
Ion Ratio Lower Upper
162 100
164 64.6 45.9 85.9
98 41.4 23.4 63.4

Manual Integrations
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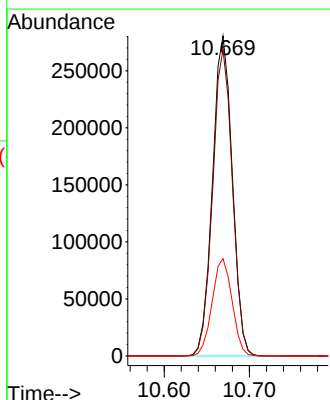
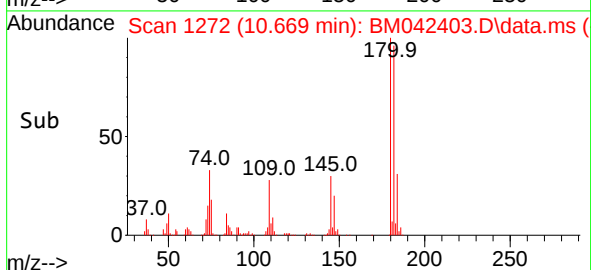
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

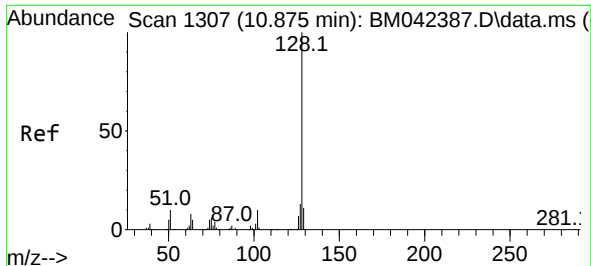


#30
1,2,4-Trichlorobenzene
Concen: 57.662 ng
RT: 10.669 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



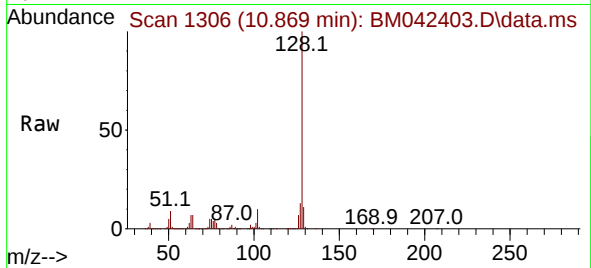
Tgt Ion:180 Resp: 452823
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.4
145 30.4 24.6 36.8





#31
Naphthalene
Concen: 53.513 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

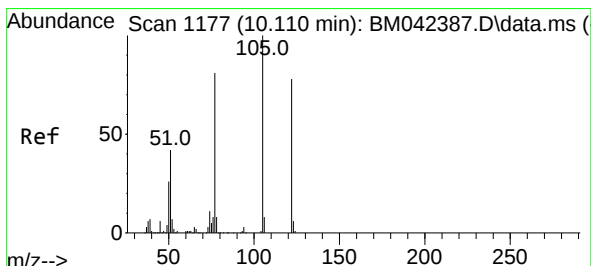
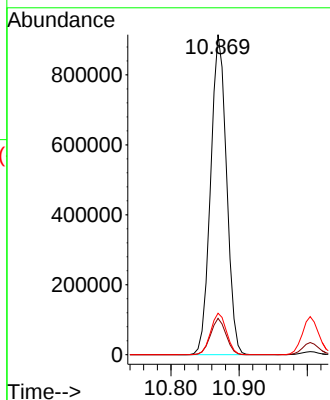
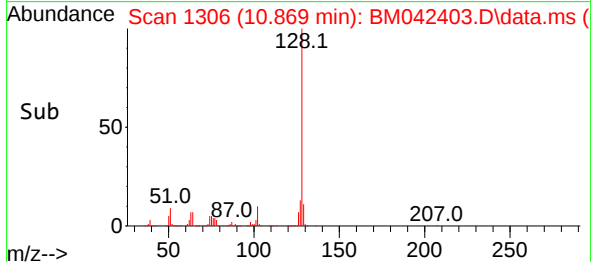
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:128 Resp: 1485249
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.0 10.4 15.6

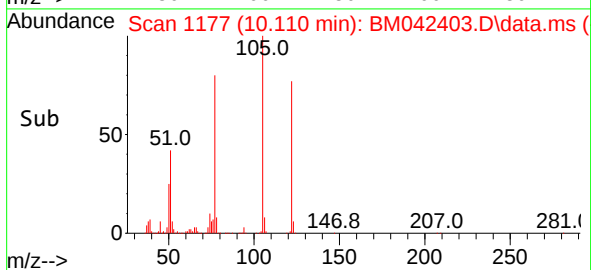
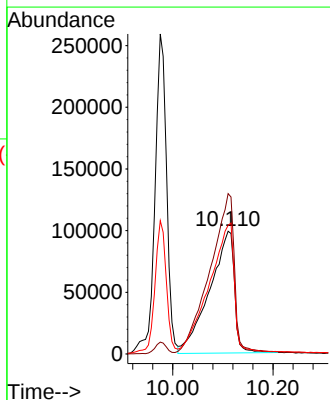
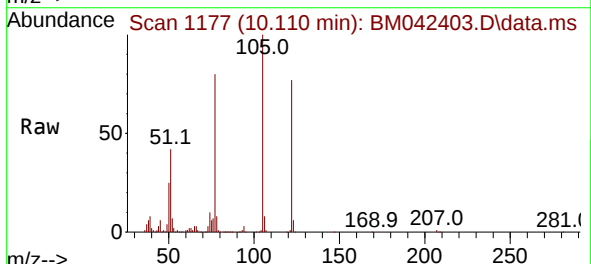
Manual Integrations
APPROVED

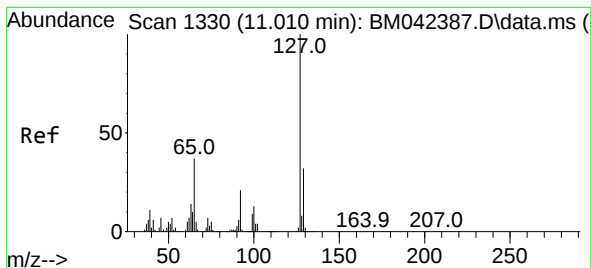
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#32
Benzoic acid
Concen: 54.372 ng
RT: 10.110 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

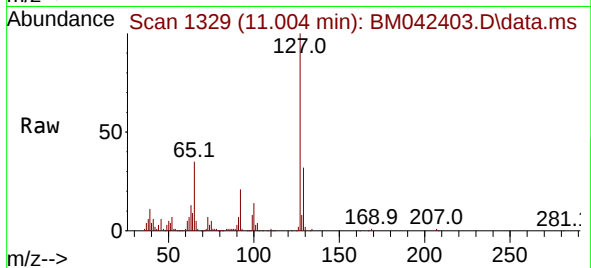
Tgt Ion:122 Resp: 339886
Ion Ratio Lower Upper
122 100
105 130.7 104.9 144.9
77 104.9 83.4 123.4





#33
4-Chloroaniline
Concen: 15.954 ng
RT: 11.004 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

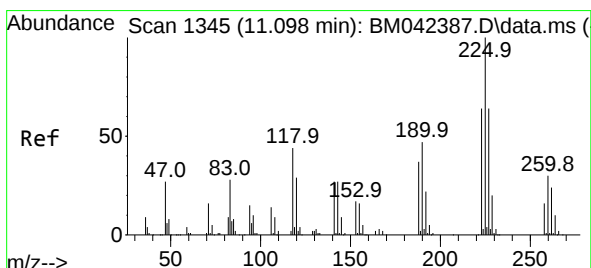
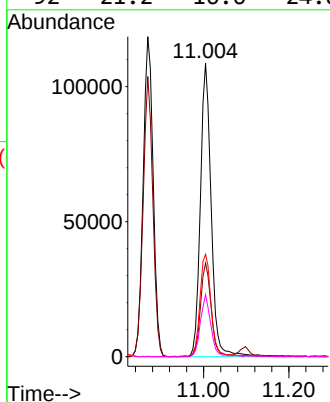
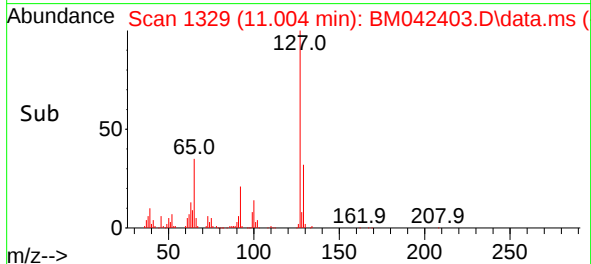
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



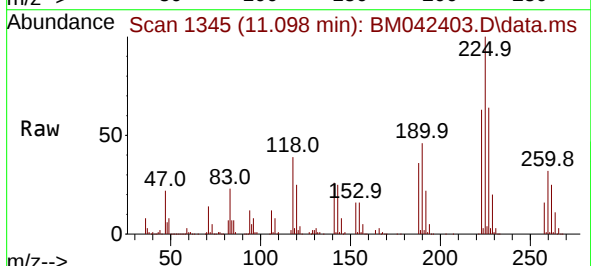
Tgt Ion:127 Resp: 19225
Ion Ratio Lower Upper
127 100
129 31.9 25.3 37.9
65 34.9 29.6 44.4
92 21.2 16.6 24.8

Manual Integrations
APPROVED

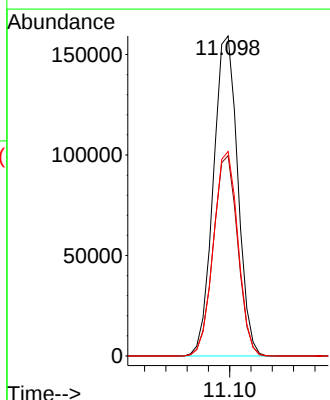
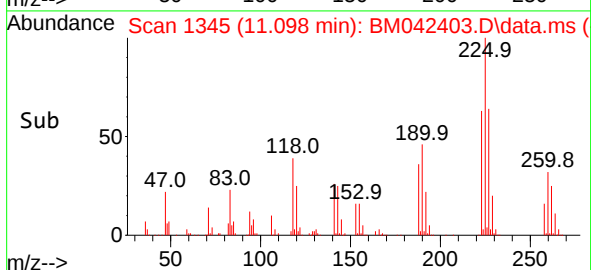
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

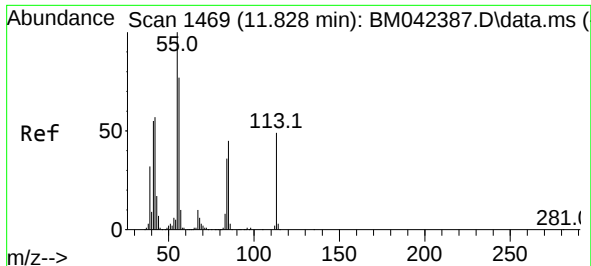


#34
Hexachlorobutadiene
Concen: 59.539 ng
RT: 11.098 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



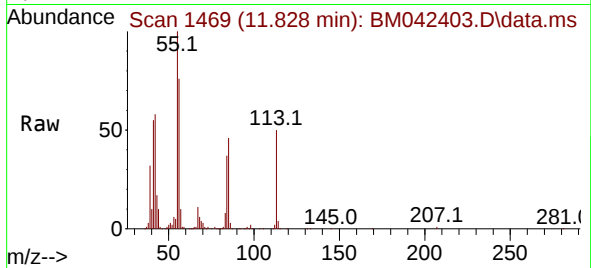
Tgt Ion:225 Resp: 253013
Ion Ratio Lower Upper
225 100
223 62.6 51.5 77.3
227 63.9 51.3 76.9





#35
Caprolactam
Concen: 49.561 ng
RT: 11.828 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

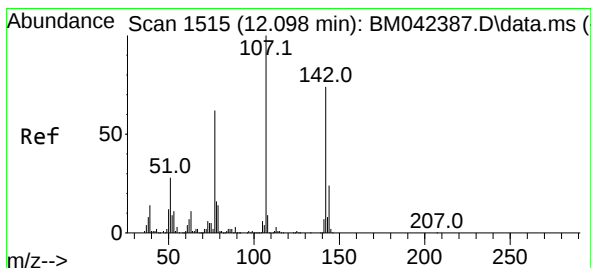
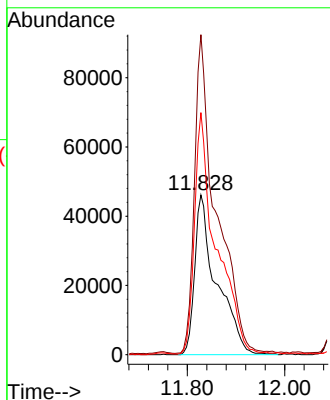
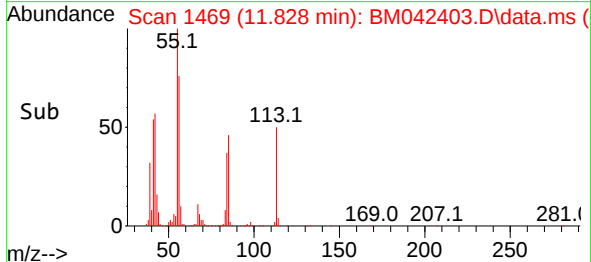
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:113 Resp: 14475
Ion Ratio Lower Upper
113 100
55 200.5 185.6 225.6
56 151.6 137.8 177.8

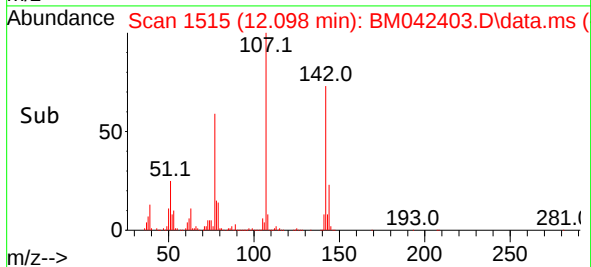
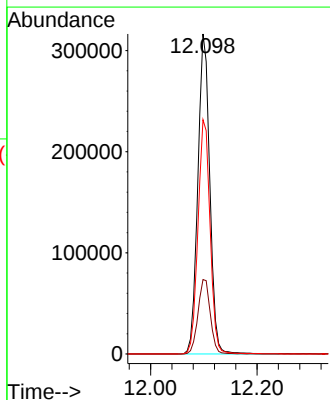
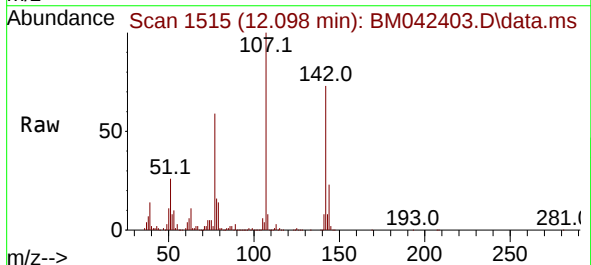
Manual Integrations
APPROVED

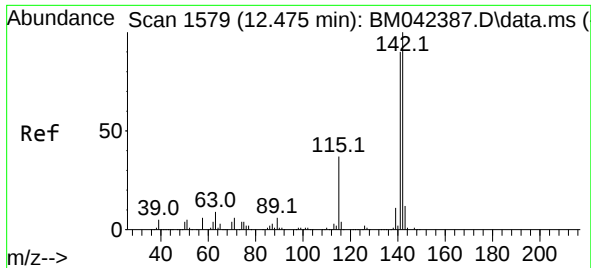
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#36
4-Chloro-3-methylphenol
Concen: 55.570 ng
RT: 12.098 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Tgt Ion:107 Resp: 491238
Ion Ratio Lower Upper
107 100
144 23.3 18.9 28.3
142 73.2 59.2 88.8





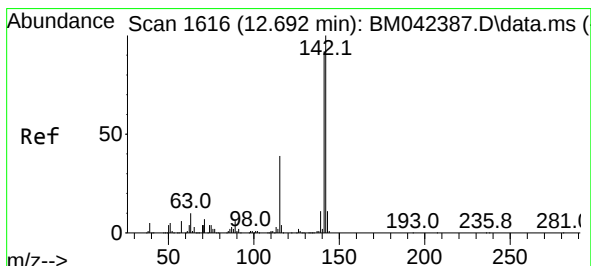
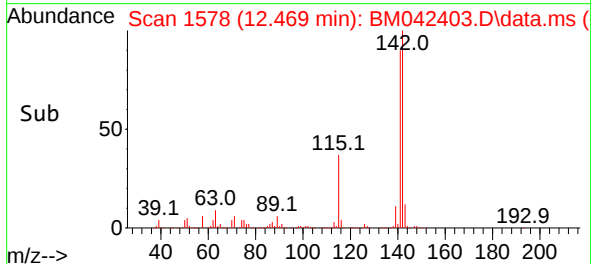
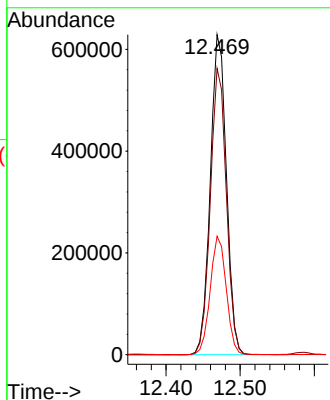
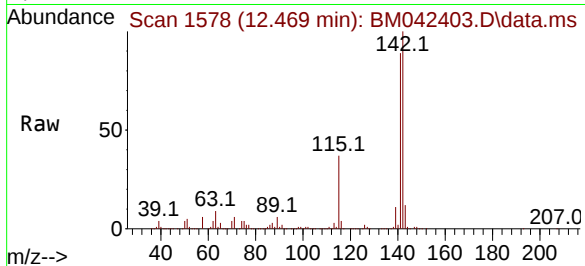
#37
2-Methylnaphthalene
Concen: 50.773 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD

Tgt Ion:142 Resp: 94862
Ion Ratio Lower Upper
142 100
141 89.4 72.0 108.0
115 37.0 29.4 44.2

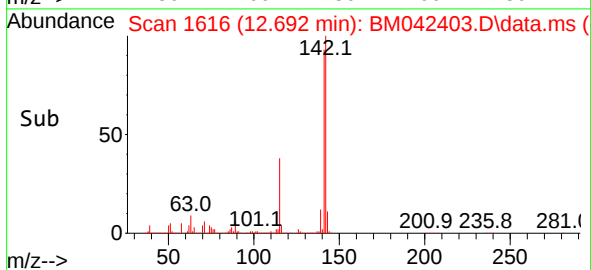
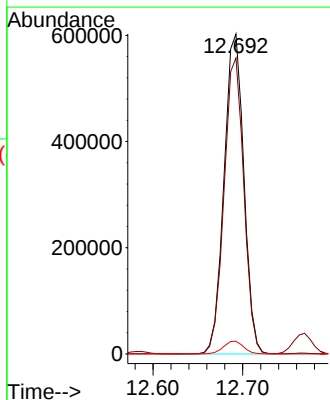
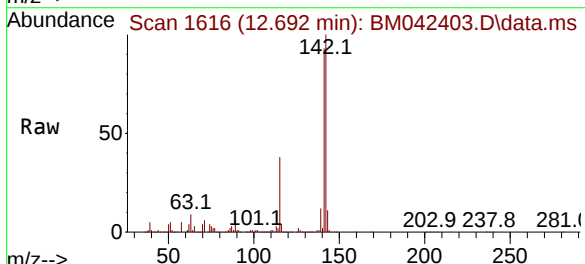
Manual Integrations
APPROVED

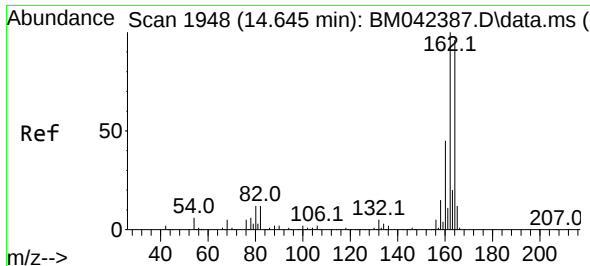
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#38
1-Methylnaphthalene
Concen: 52.827 ng
RT: 12.692 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

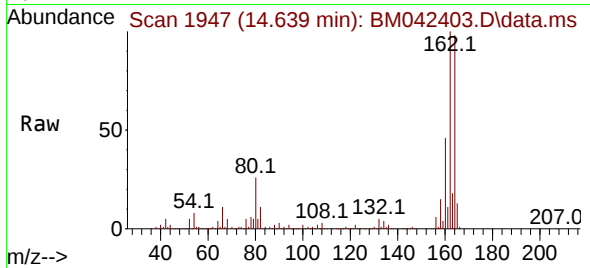
Tgt Ion:142 Resp: 924647
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.6
116 3.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

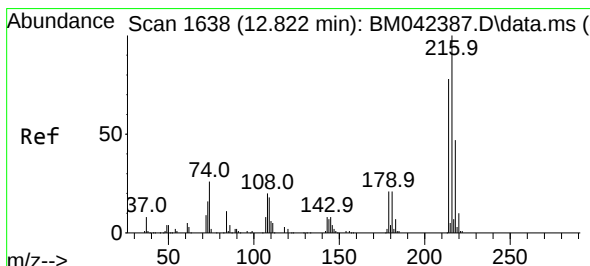
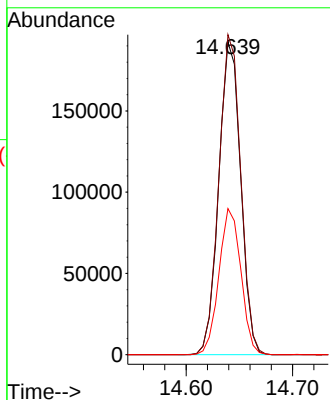
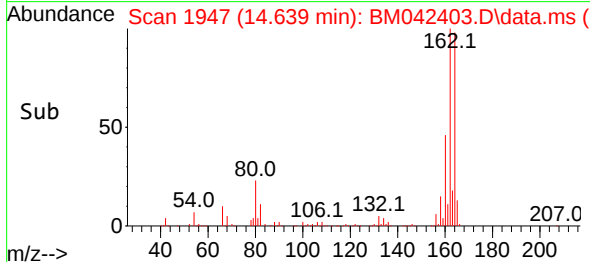
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:164 Resp: 27477
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 46.7 37.0 55.4

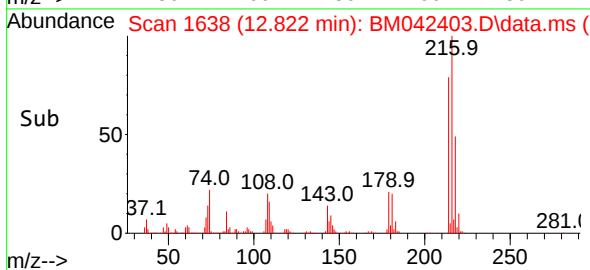
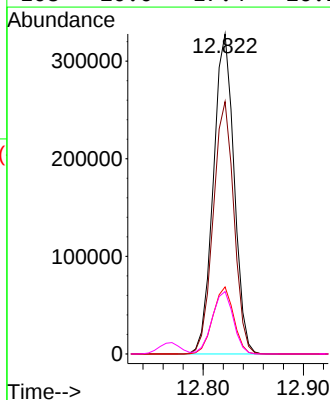
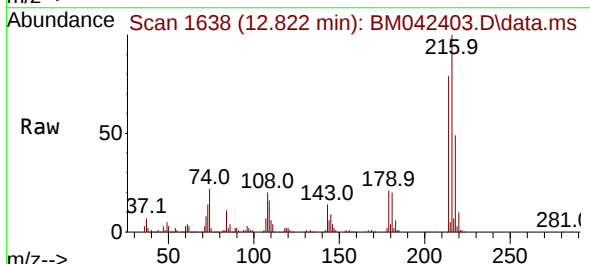
Manual Integrations
APPROVED

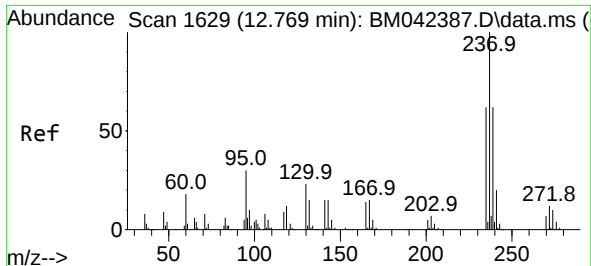
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.311 ng
RT: 12.822 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

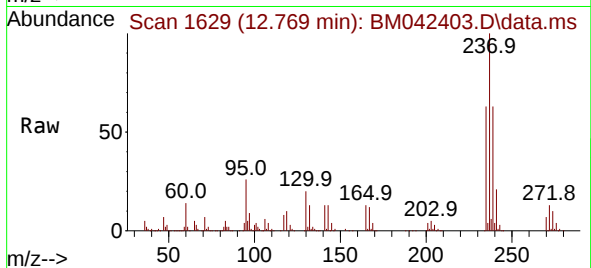
Tgt Ion:216 Resp: 471139
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.9 17.2 25.8
108 20.0 17.4 26.2





#41
Hexachlorocyclopentadiene
Concen: 96.501 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

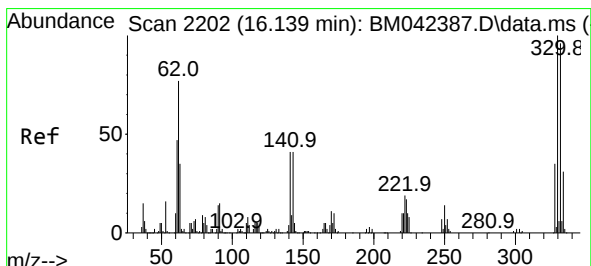
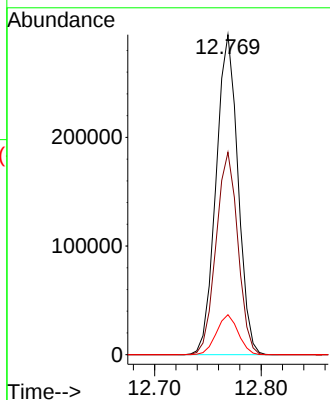
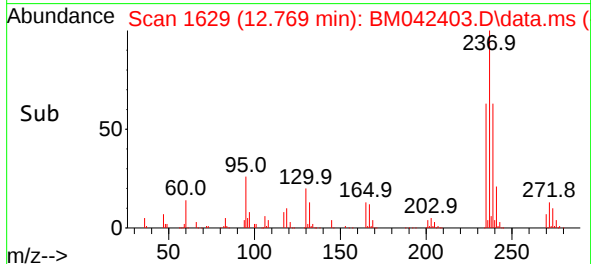
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



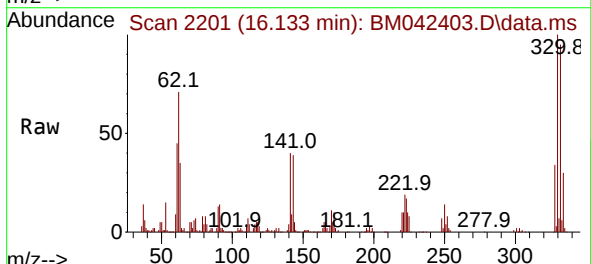
Tgt Ion:237 Resp: 419940
Ion Ratio Lower Upper
237 100
235 63.2 41.5 81.5
272 12.5 0.0 32.2

Manual Integrations
APPROVED

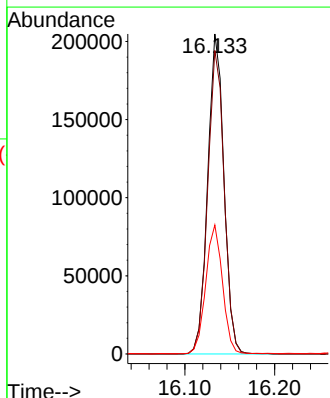
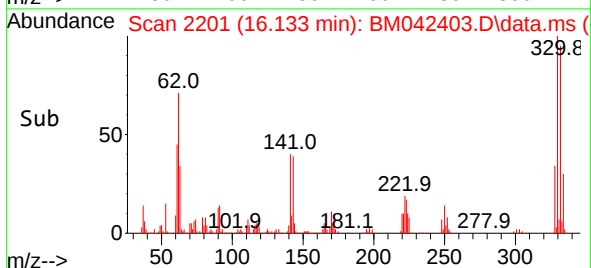
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

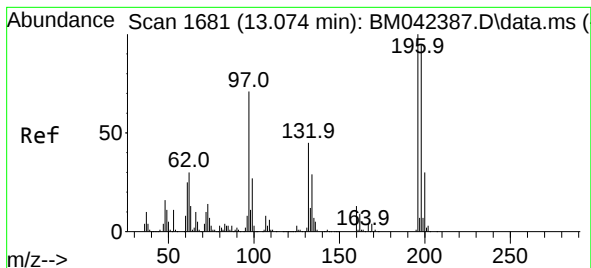


#42
2,4,6-Tribromophenol
Concen: 88.089 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



Tgt Ion:330 Resp: 257573
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 41.5 38.0 57.0





#43

2,4,6-Trichlorophenol

Concen: 61.119 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042403.D

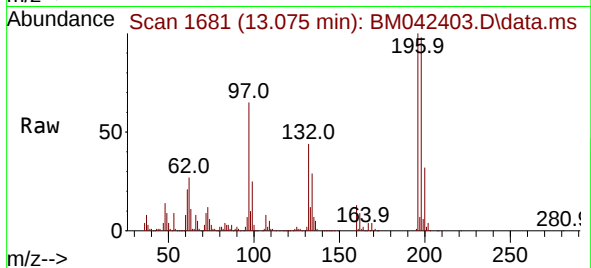
Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD



Tgt Ion:196 Resp: 314290

Ion Ratio Lower Upper

196 100

198 98.5 76.3 114.5

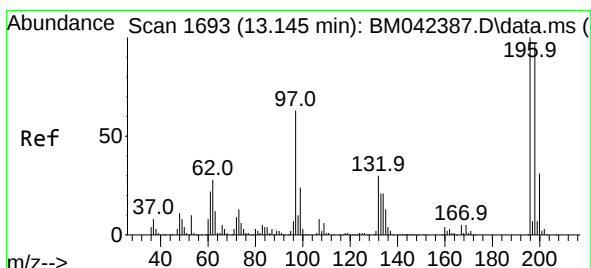
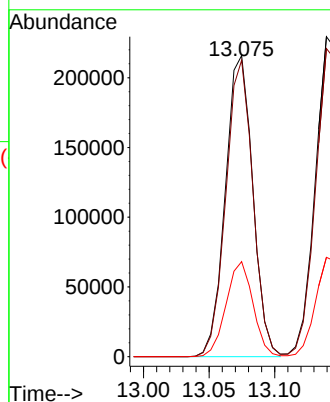
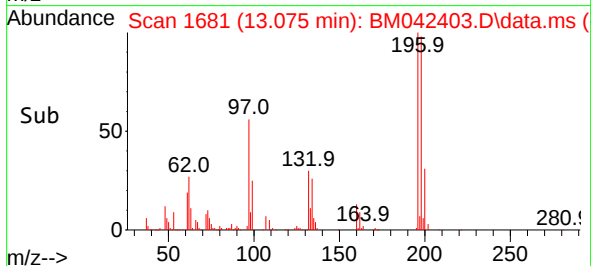
200 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#44

2,4,5-Trichlorophenol

Concen: 56.626 ng

RT: 13.139 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Tgt Ion:196 Resp: 344216

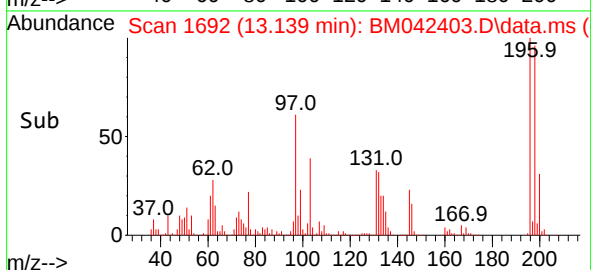
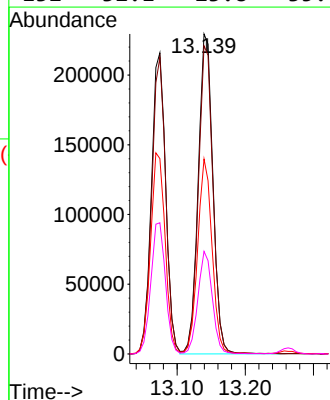
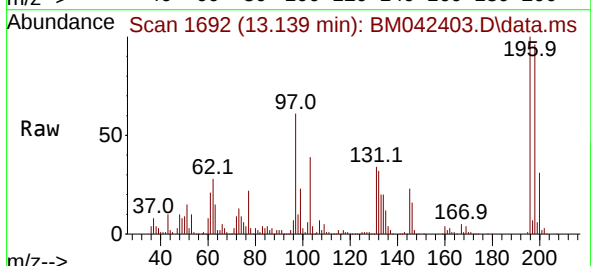
Ion Ratio Lower Upper

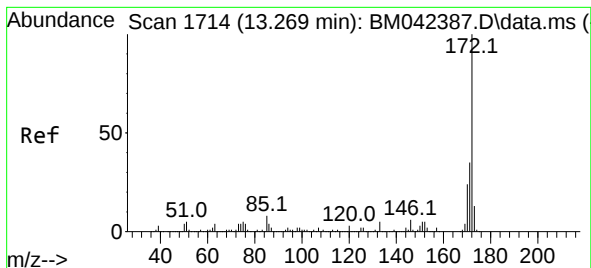
196 100

198 96.3 77.9 116.9

97 60.9 50.9 76.3

132 32.1 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 61.078 ng

RT: 13.263 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD

Tgt Ion:172 Resp: 124628

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

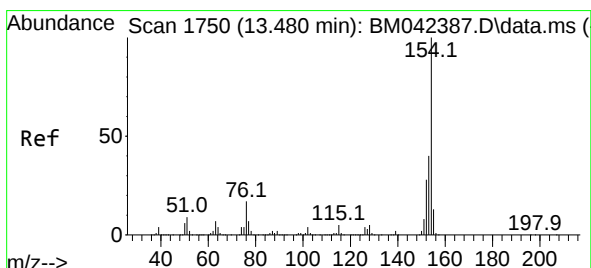
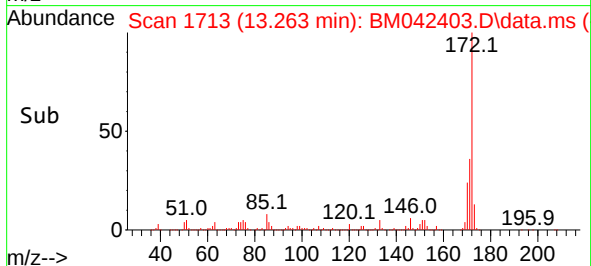
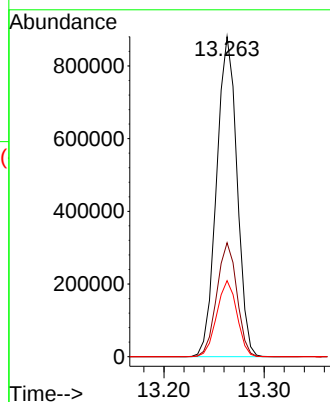
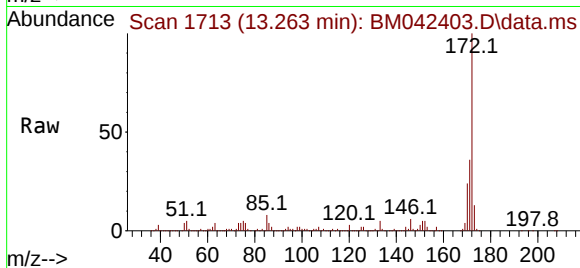
170 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#46

1,1'-Biphenyl

Concen: 55.981 ng

RT: 13.481 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

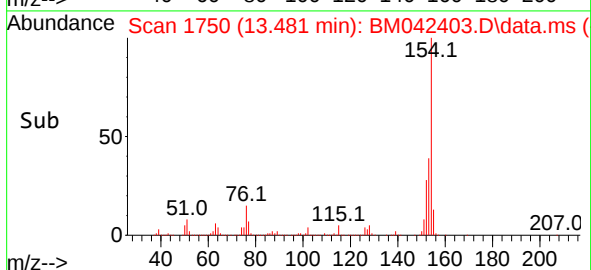
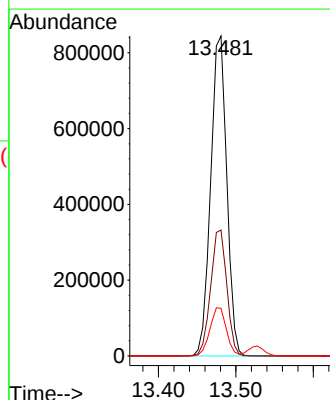
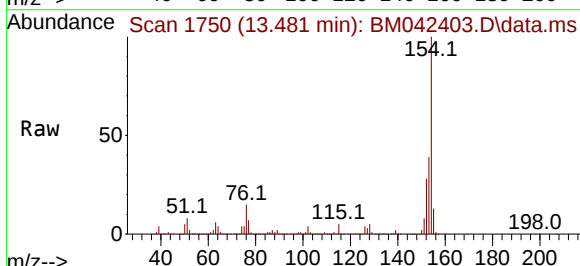
Tgt Ion:154 Resp: 1220264

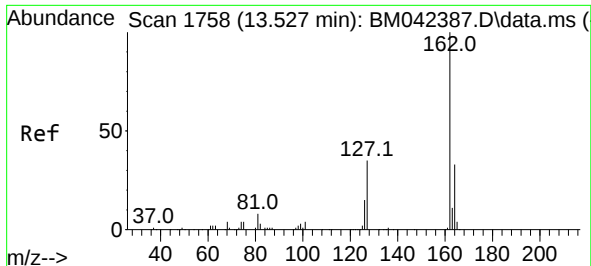
Ion Ratio Lower Upper

154 100

153 39.3 19.9 59.9

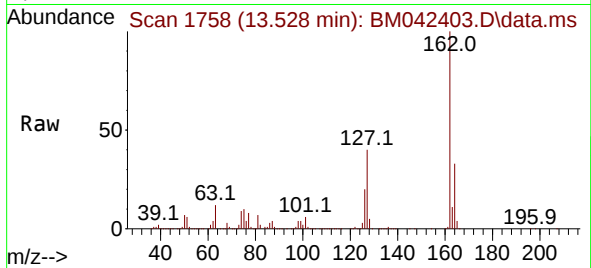
76 14.9 0.0 36.9





#47
2-Chloronaphthalene
Concen: 57.485 ng
RT: 13.528 min Scan# 1758
Delta R.T. 0.001 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

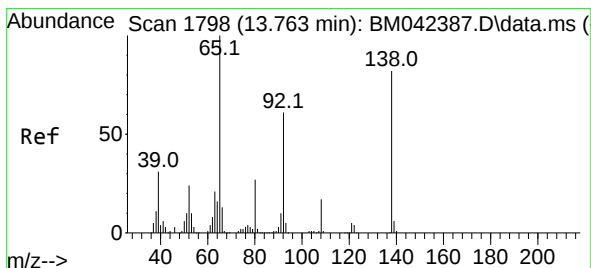
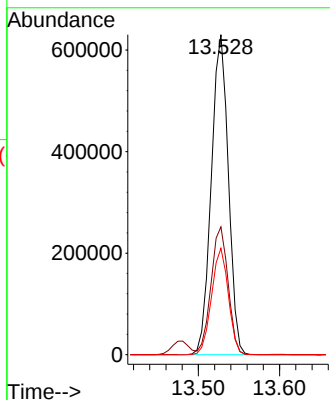
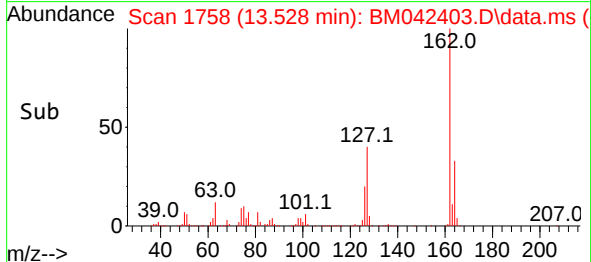
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:162 Resp: 91931
Ion Ratio Lower Upper
162 100
127 40.0 32.2 48.2
164 33.3 26.2 39.2

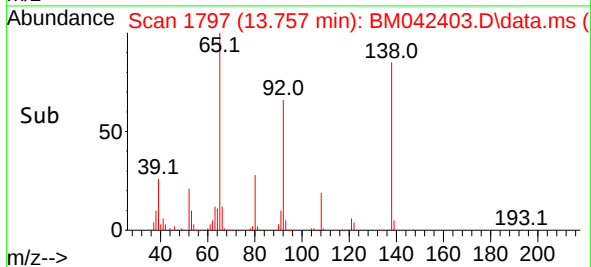
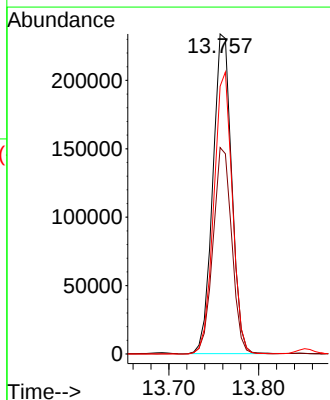
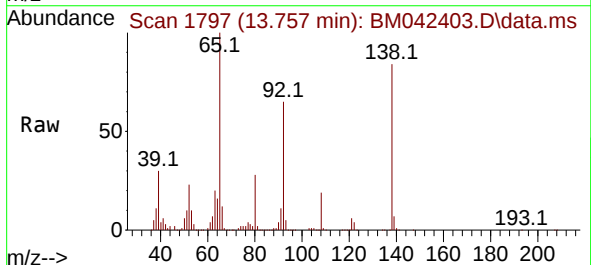
Manual Integrations
APPROVED

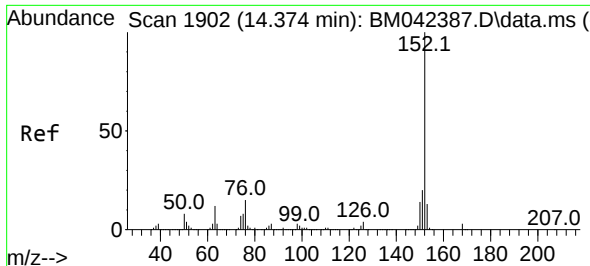
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#48
2-Nitroaniline
Concen: 48.215 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

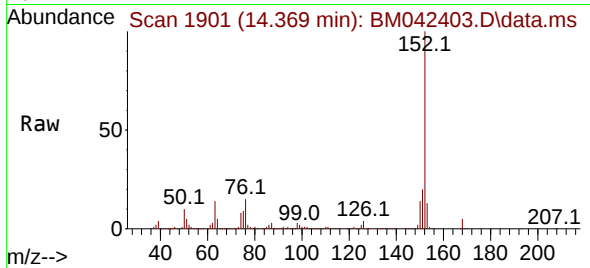
Tgt Ion: 65 Resp: 340788
Ion Ratio Lower Upper
65 100
92 64.5 49.0 73.6
138 83.7 65.5 98.3





#49
Acenaphthylene
Concen: 58.016 ng
RT: 14.369 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

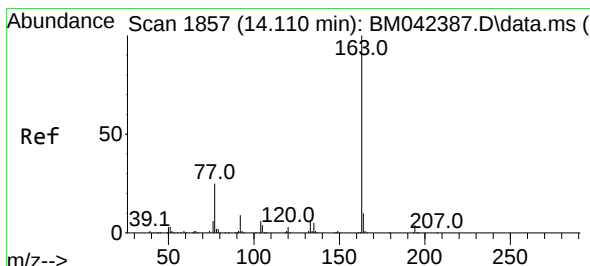
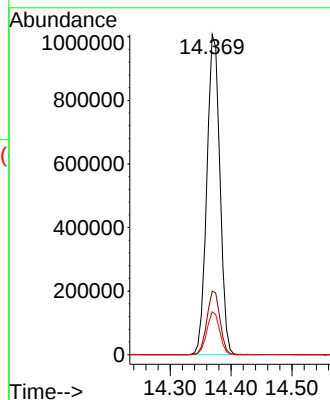
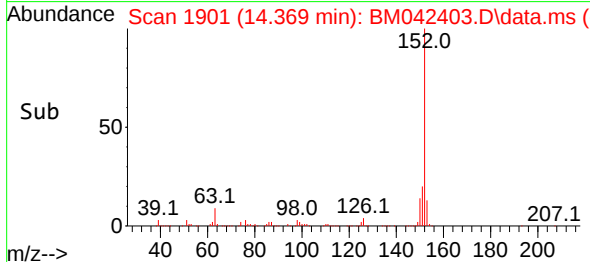
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:152 Resp: 149785
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.4 10.5 15.7

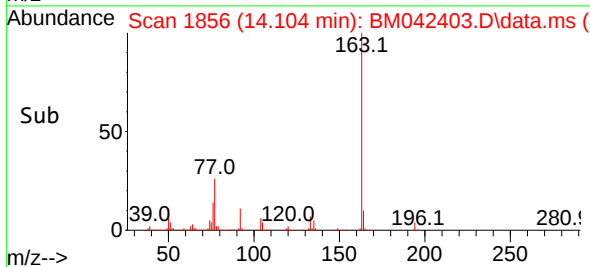
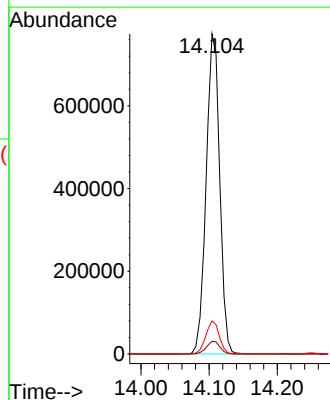
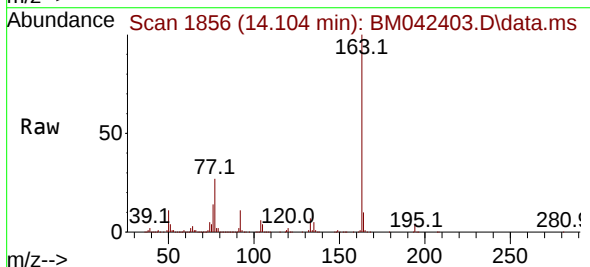
Manual Integrations
APPROVED

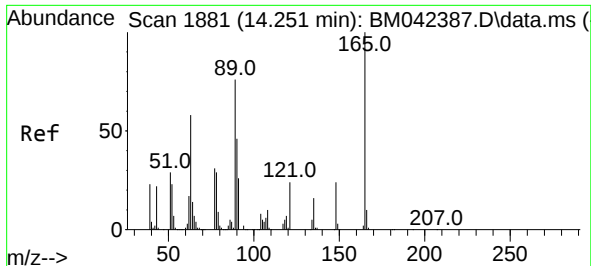
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#50
Dimethylphthalate
Concen: 52.977 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

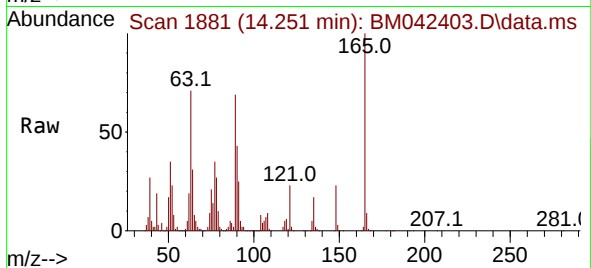
Tgt Ion:163 Resp: 1067726
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 51.221 ng
RT: 14.251 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

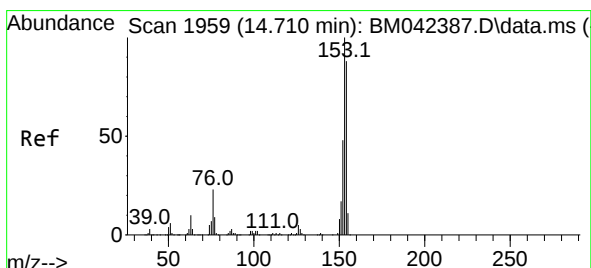
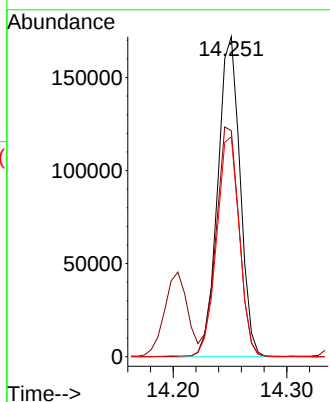
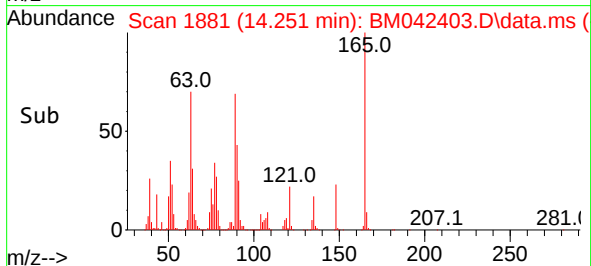
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:165 Resp: 234033
Ion Ratio Lower Upper
165 100
63 70.6 65.3 97.9
89 68.7 60.6 91.0

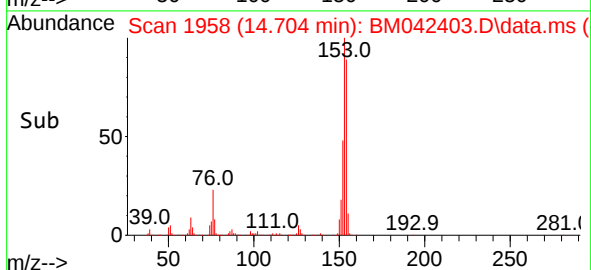
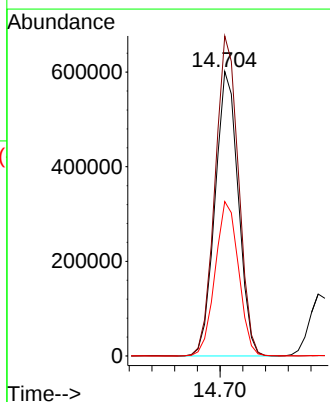
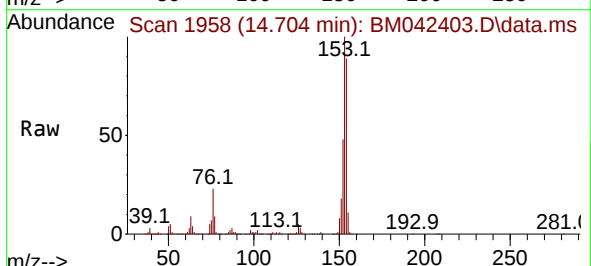
Manual Integrations
APPROVED

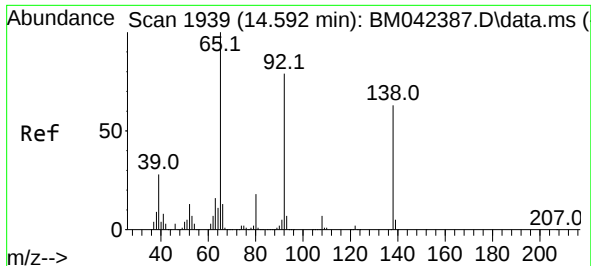
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#52
Acenaphthene
Concen: 54.819 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Tgt Ion:154 Resp: 855675
Ion Ratio Lower Upper
154 100
153 112.5 91.1 136.7
152 54.3 44.0 66.0





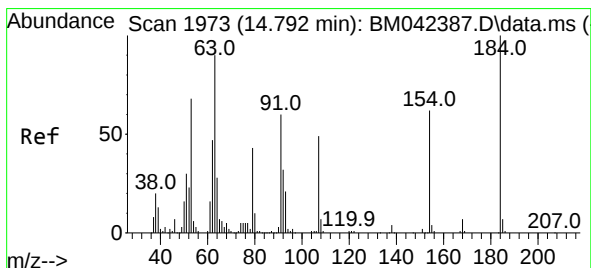
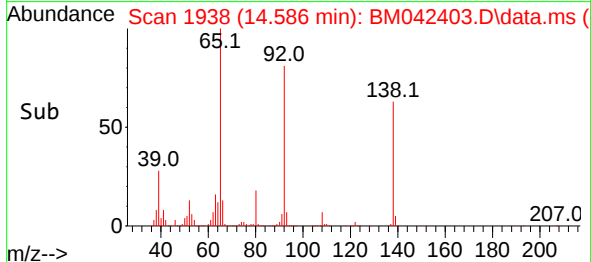
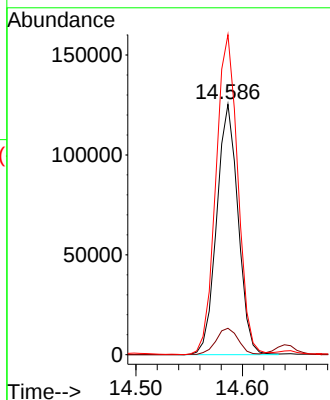
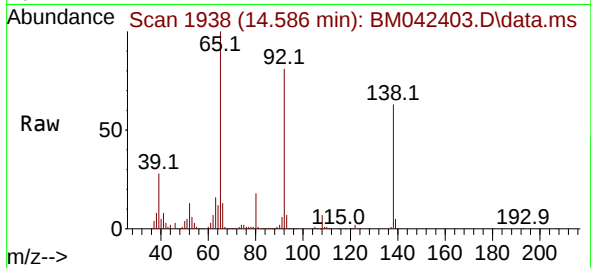
#53
3-Nitroaniline
Concen: 33.434 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD

Tgt Ion:138 Resp: 17467
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 127.8 100.6 151.0

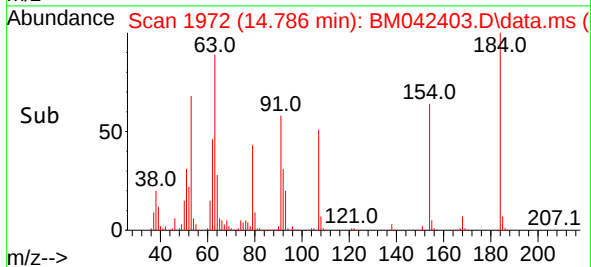
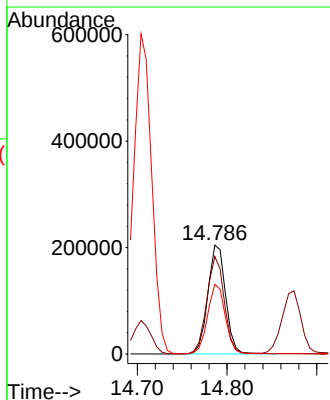
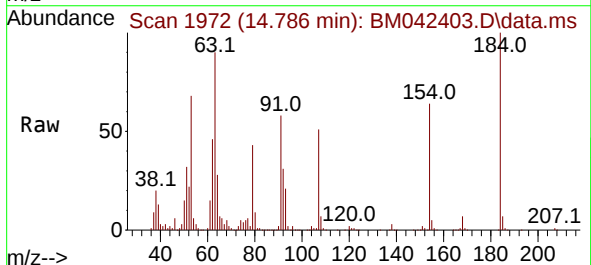
Manual Integrations
APPROVED

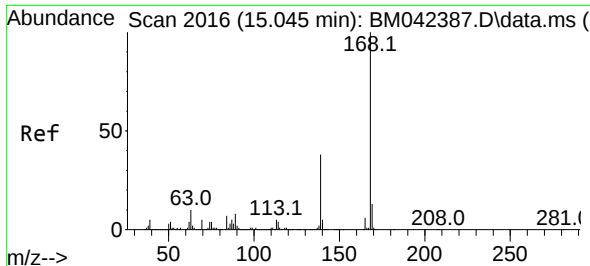
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#54
2,4-Dinitrophenol
Concen: 97.484 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

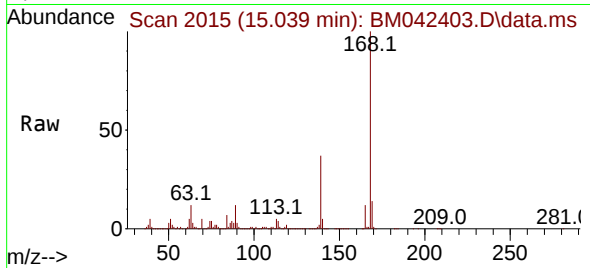
Tgt Ion:184 Resp: 280403
Ion Ratio Lower Upper
184 100
63 89.7 72.2 108.2
154 64.1 49.6 74.4





#55
Dibenzenofuran
Concen: 54.462 ng
RT: 15.039 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

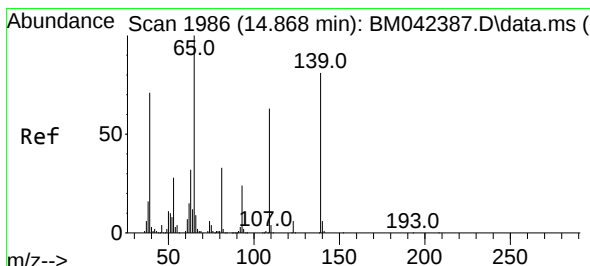
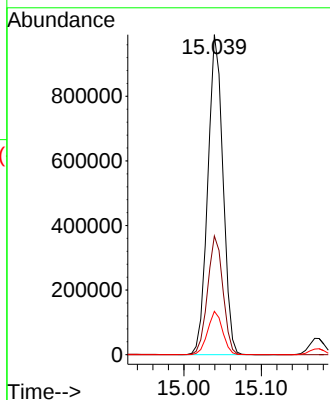
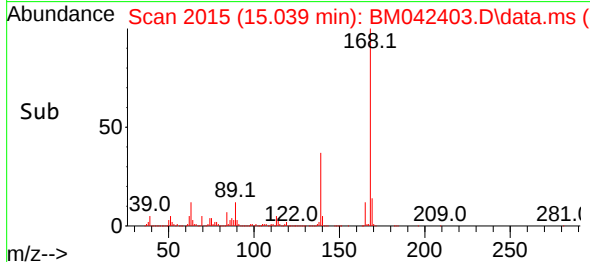
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:168 Resp: 1344558
Ion Ratio Lower Upper
168 100
139 37.1 30.6 46.0
169 13.5 10.4 15.6

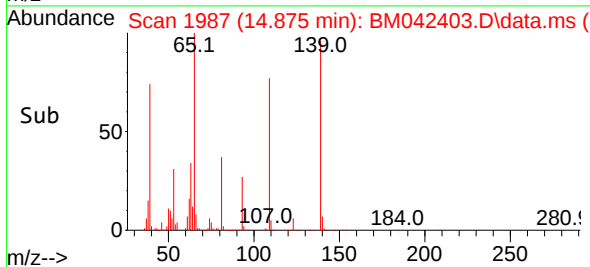
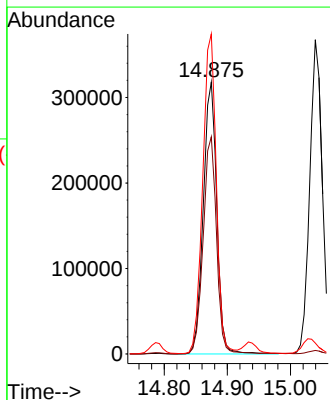
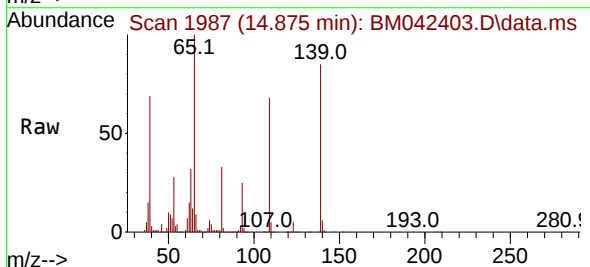
Manual Integrations
APPROVED

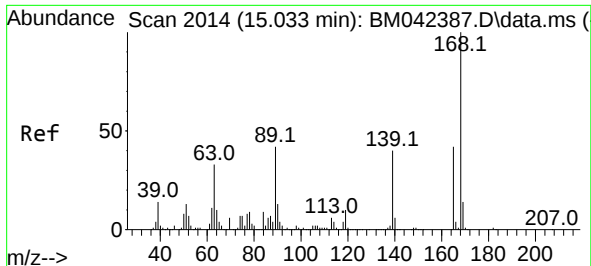
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#56
4-Nitrophenol
Concen: 115.412 ng
RT: 14.875 min Scan# 1987
Delta R.T. 0.007 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Tgt Ion:139 Resp: 473750
Ion Ratio Lower Upper
139 100
109 79.9 58.0 98.0
65 117.7 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 50.733 ng

RT: 15.028 min Scan# 2014

Delta R.T. -0.005 min

Lab File: BM042403.D

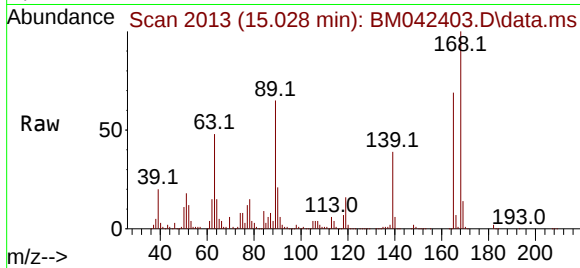
Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD



Tgt Ion:165 Resp: 310320

Ion Ratio Lower Upper

165 100

63 70.2 62.9 94.3

89 95.1 80.2 120.2

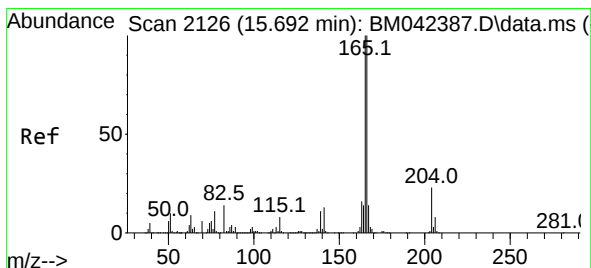
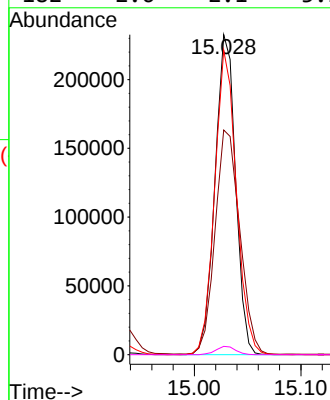
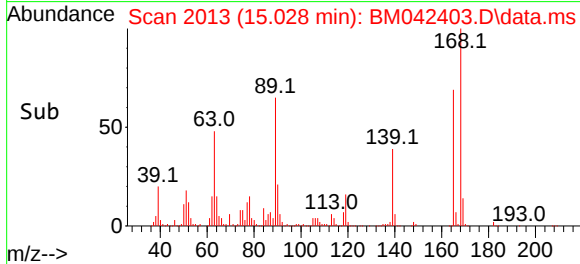
182 2.6 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#58

Fluorene

Concen: 55.337 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

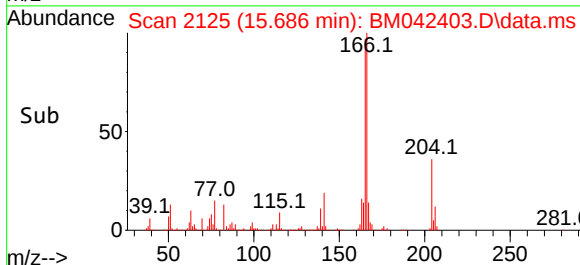
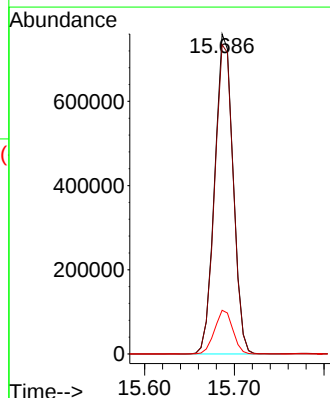
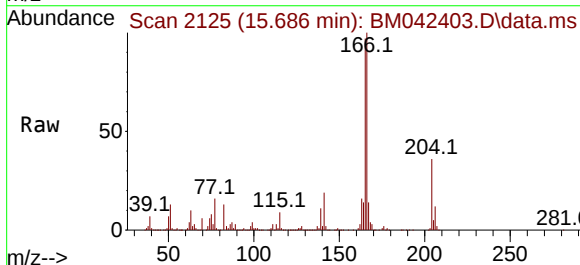
Tgt Ion:166 Resp: 1078050

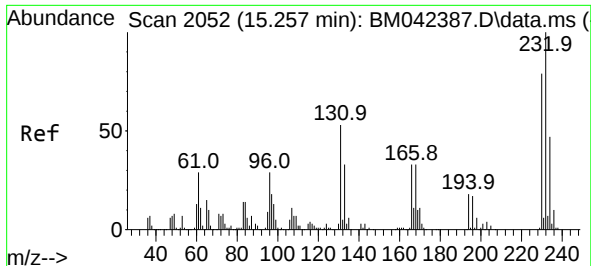
Ion Ratio Lower Upper

166 100

165 96.7 79.6 119.4

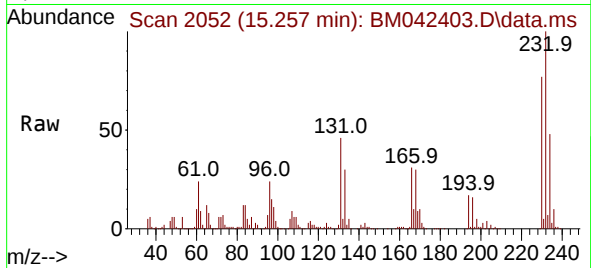
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.209 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

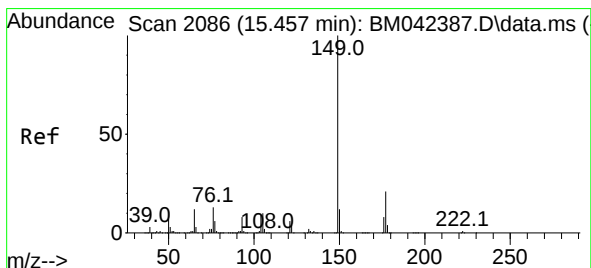
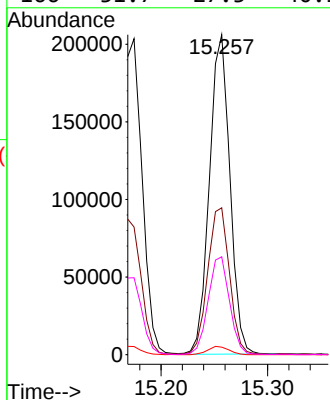
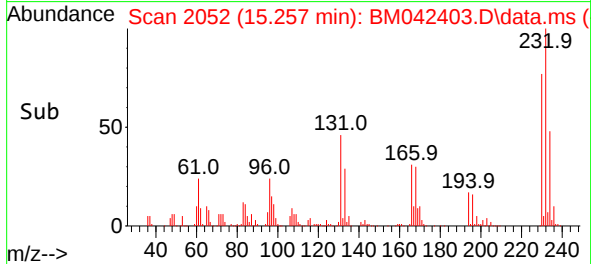
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:232 Resp: 274950
Ion Ratio Lower Upper
232 100
131 49.5 42.8 64.2
130 2.7 2.2 3.2
166 31.7 27.3 40.9

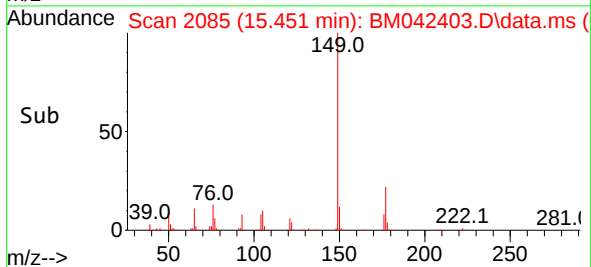
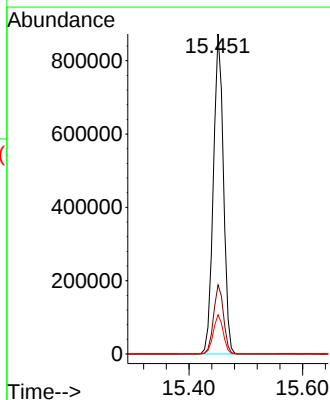
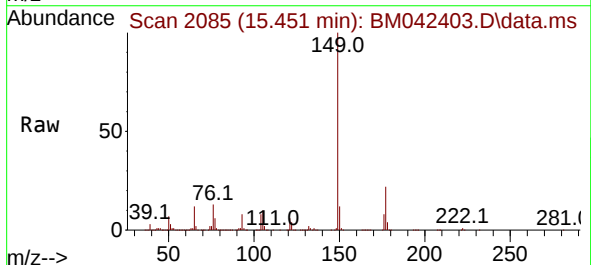
Manual Integrations
APPROVED

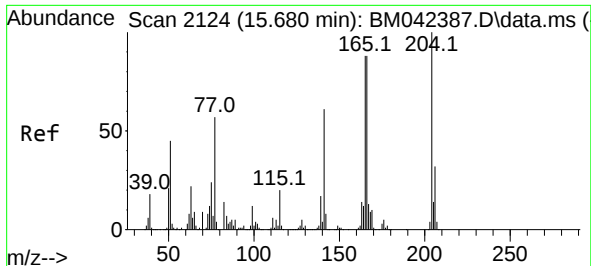
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#60
Diethylphthalate
Concen: 53.809 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

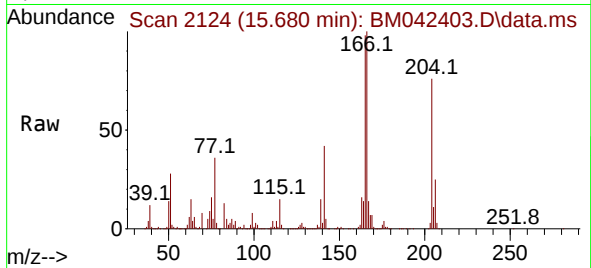
Tgt Ion:149 Resp: 1070222
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.3 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 56.222 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

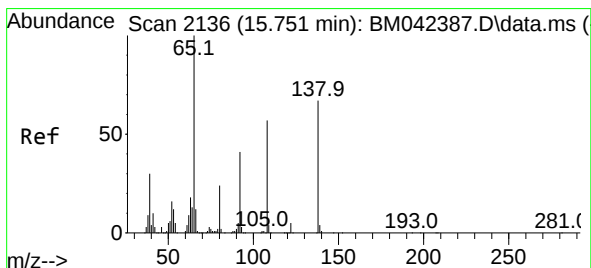
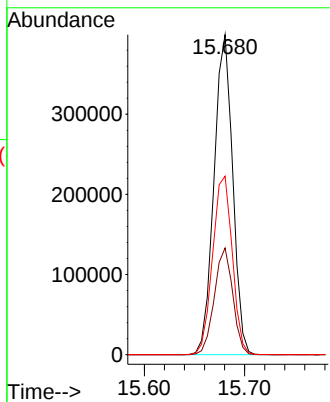
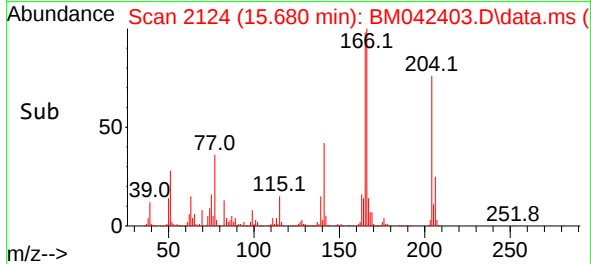
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:204 Resp: 515814
Ion Ratio Lower Upper
204 100
206 33.4 25.4 38.0
141 55.8 49.1 73.7

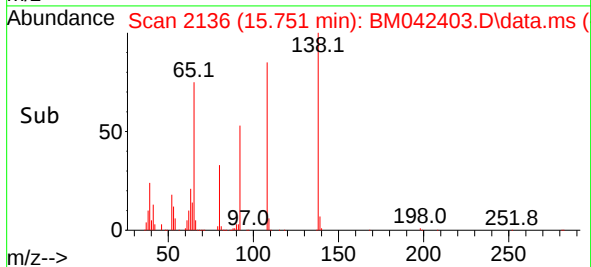
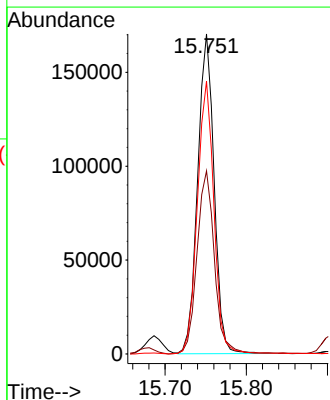
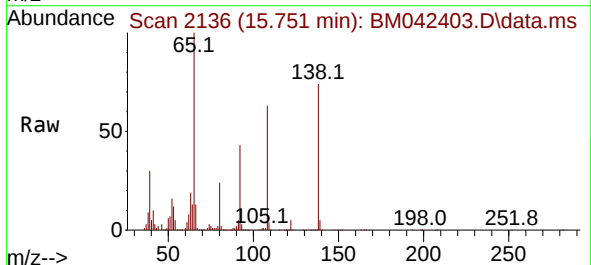
Manual Integrations
APPROVED

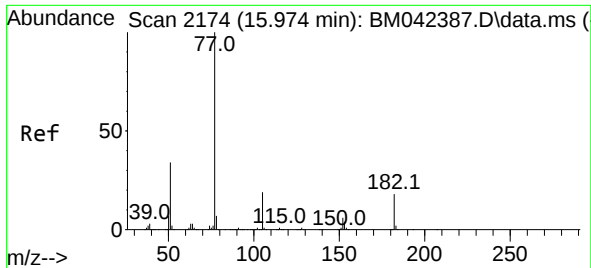
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#62
4-Nitroaniline
Concen: 46.441 ng
RT: 15.751 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

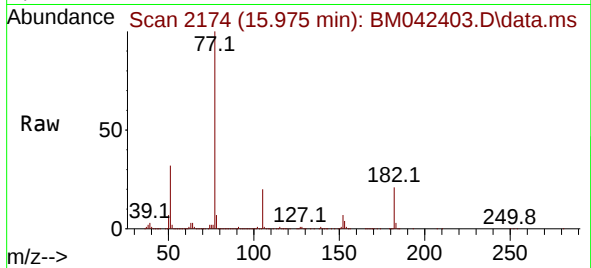
Tgt Ion:138 Resp: 239770
Ion Ratio Lower Upper
138 100
92 57.2 40.4 80.4
108 85.2 65.3 105.3





#63
Azobenzene
Concen: 52.632 ng
RT: 15.975 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

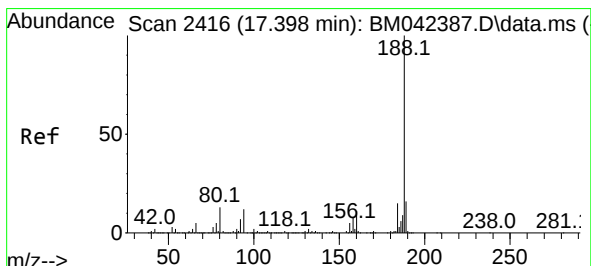
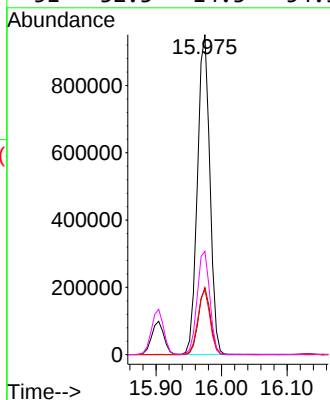
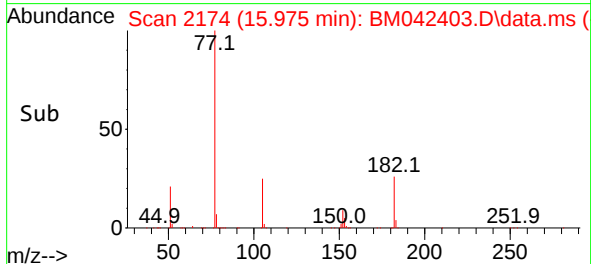
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



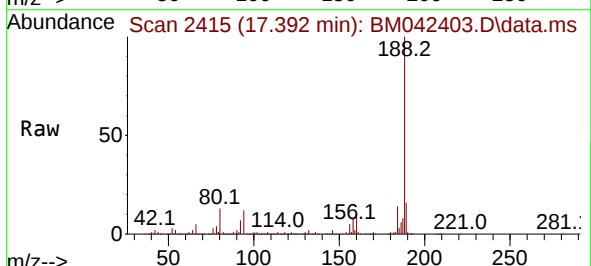
Tgt Ion: 77 Resp: 125593
Ion Ratio Lower Upper
77 100
182 21.0 0.0 37.7
105 20.3 0.0 38.9
51 32.3 14.3 54.3

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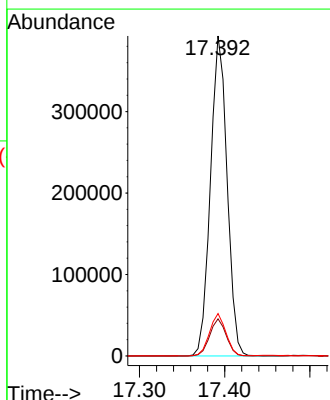
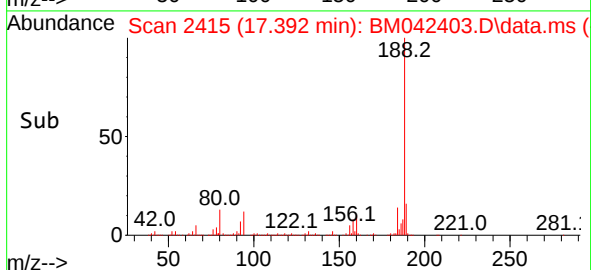
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

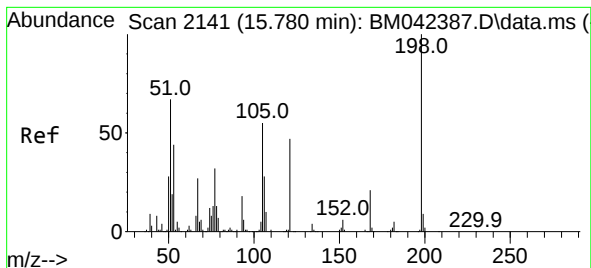


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



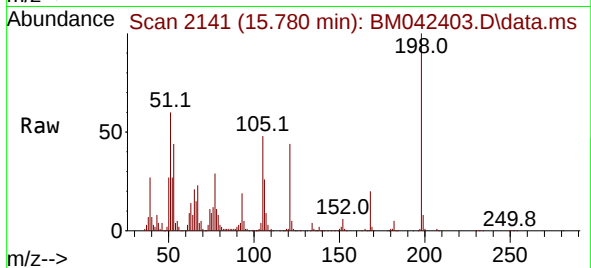
Tgt Ion:188 Resp: 533368
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.0
80 13.3 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 48.723 ng
RT: 15.780 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

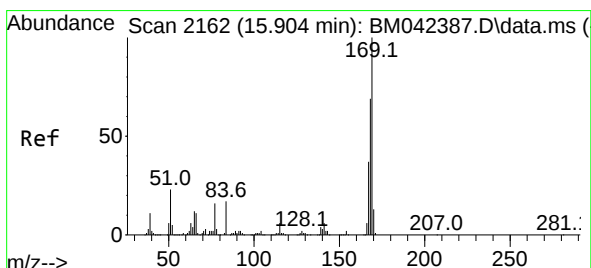
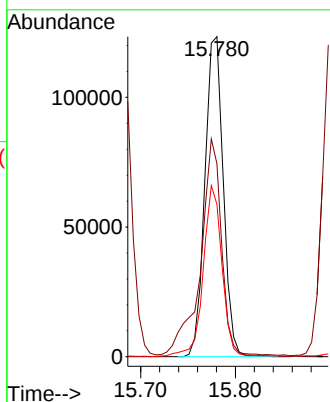
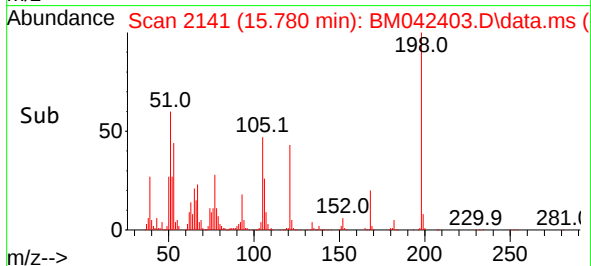
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



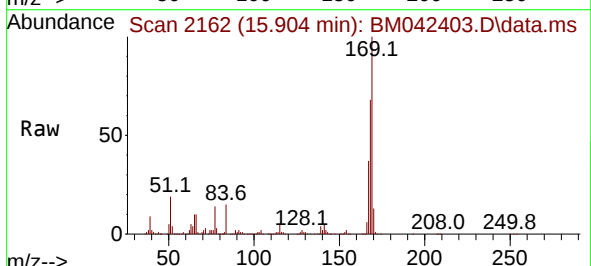
Tgt Ion:198 Resp: 166354
Ion Ratio Lower Upper
198 100
51 60.3 54.1 94.1
105 47.6 35.9 75.9

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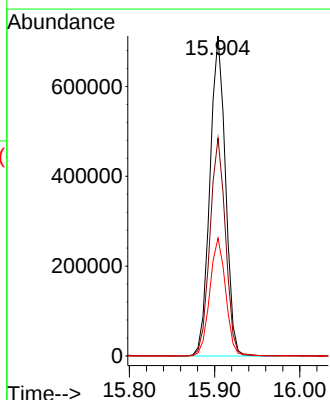
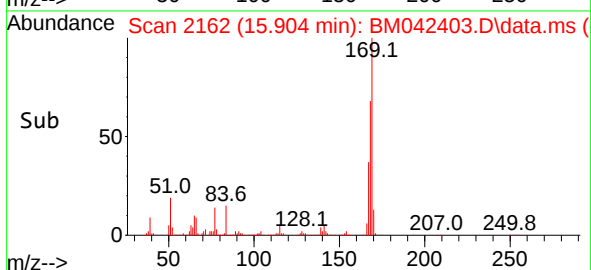
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

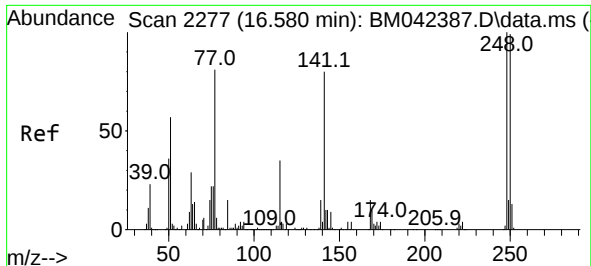


#66
n-Nitrosodiphenylamine
Concen: 56.203 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



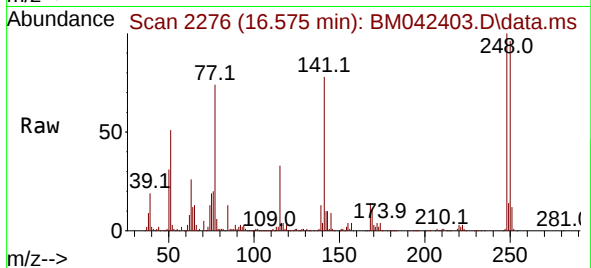
Tgt Ion:169 Resp: 902891
Ion Ratio Lower Upper
169 100
168 68.0 55.4 83.2
167 36.9 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 52.563 ng
RT: 16.575 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

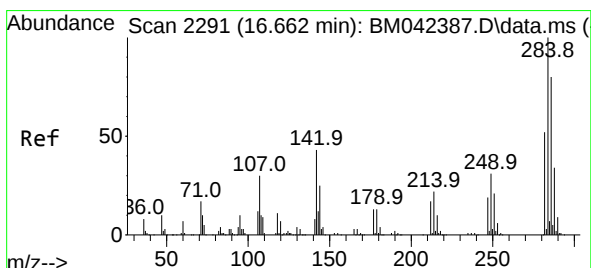
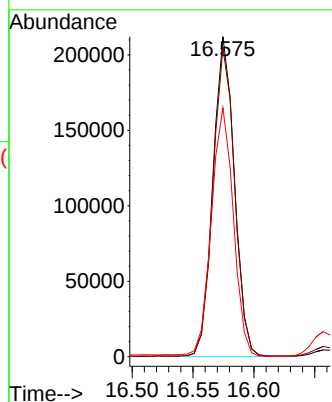
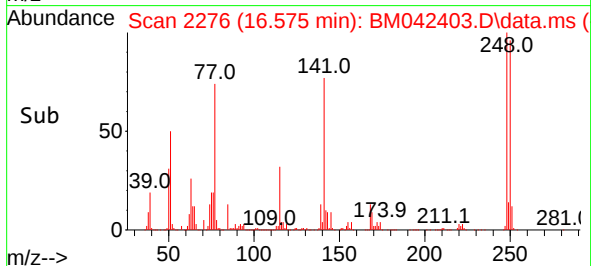
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



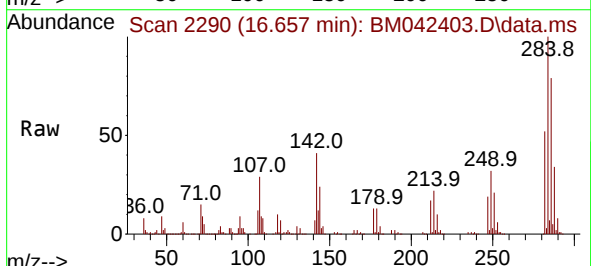
Tgt Ion:248 Resp: 259830
Ion Ratio Lower Upper
248 100
250 96.4 79.4 119.2
141 77.7 64.3 96.5

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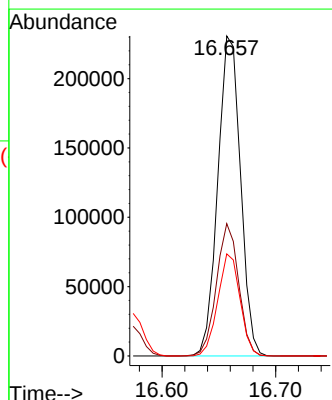
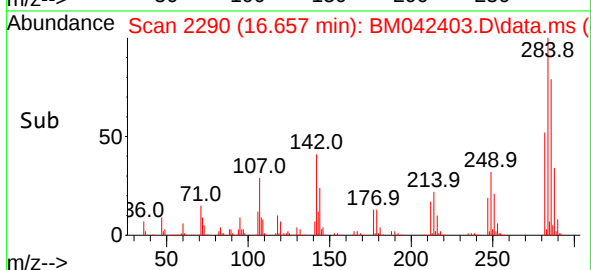
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

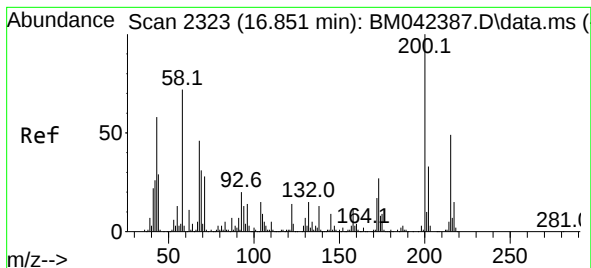


#68
Hexachlorobenzene
Concen: 60.730 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



Tgt Ion:284 Resp: 320896
Ion Ratio Lower Upper
284 100
142 41.4 34.2 51.2
249 31.9 24.7 37.1





#69

Atrazine

Concen: 73.562 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042403.D

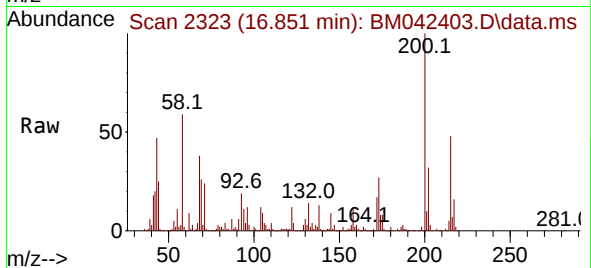
Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD



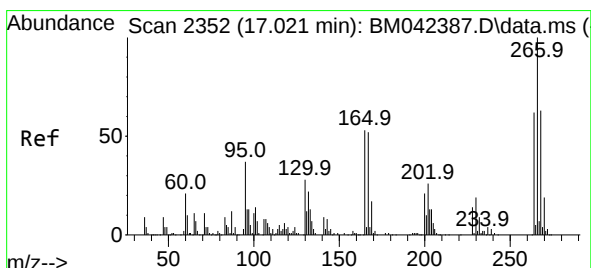
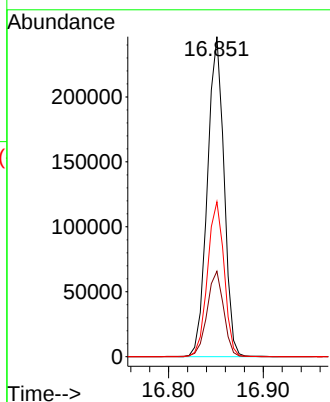
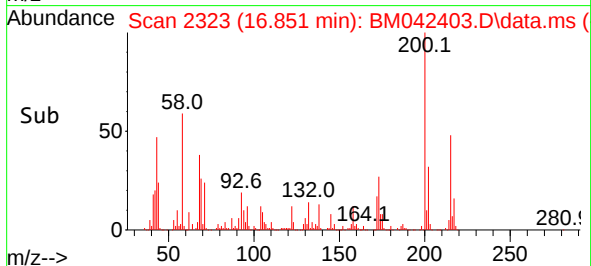
Tgt Ion:200	Resp: 29968
Ion Ratio	Lower Upper
200	100
173	26.7 6.6 46.6
215	48.4 28.6 68.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#70

Pentachlorophenol

Concen: 104.665 ng

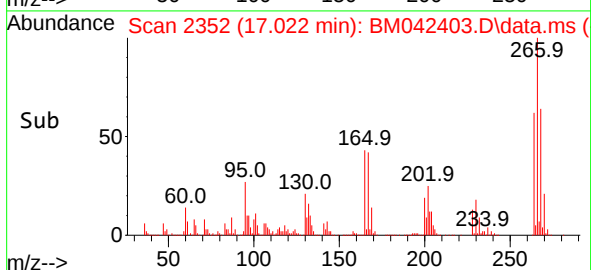
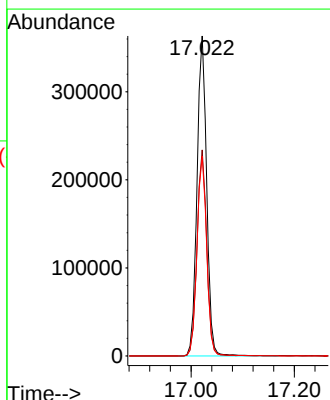
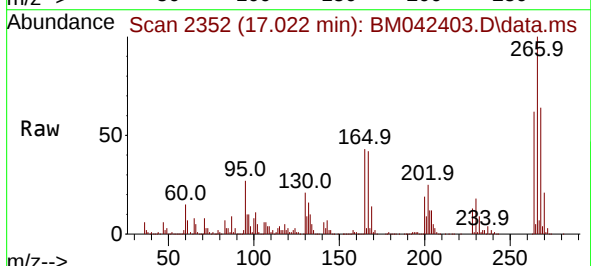
RT: 17.022 min Scan# 2352

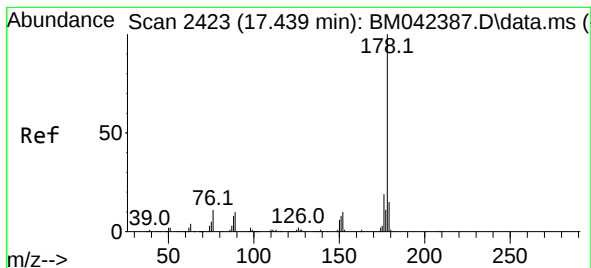
Delta R.T. 0.001 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Tgt Ion:266	Resp: 470494
Ion Ratio	Lower Upper
266	100
268	64.4 50.6 76.0
264	62.5 49.4 74.0





#71

Phenanthrene

Concen: 56.560 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD

Tgt Ion:178 Resp: 164111

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

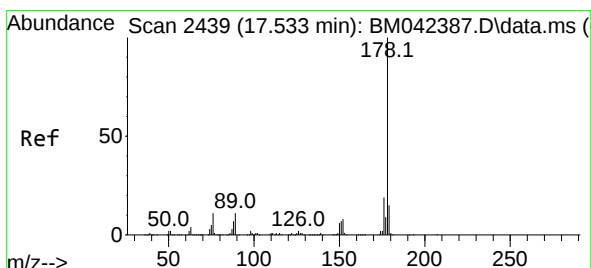
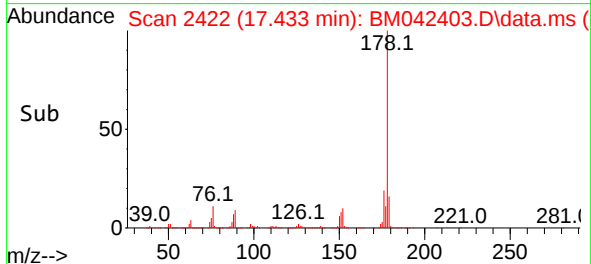
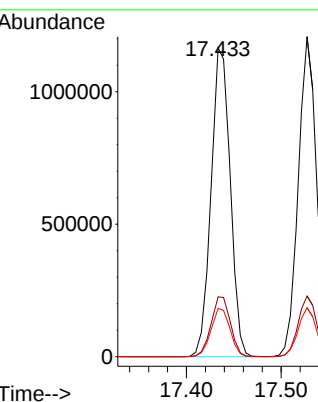
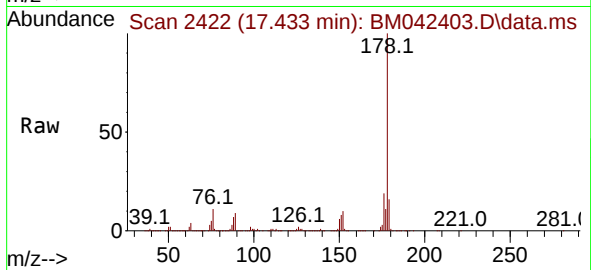
179 15.6 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#72

Anthracene

Concen: 56.384 ng

RT: 17.527 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

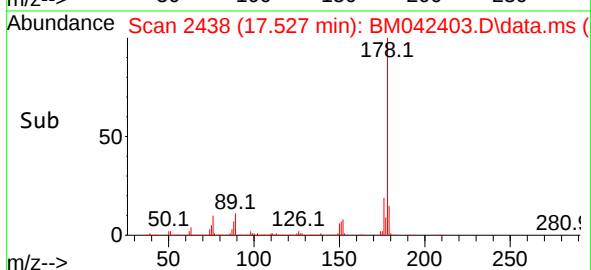
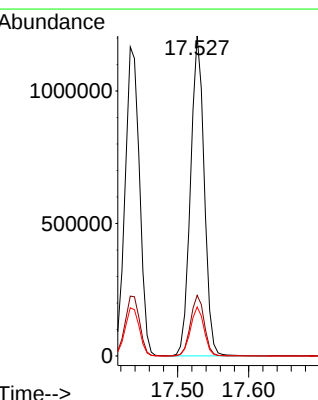
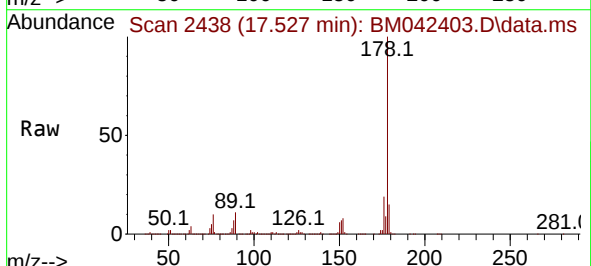
Tgt Ion:178 Resp: 1620261

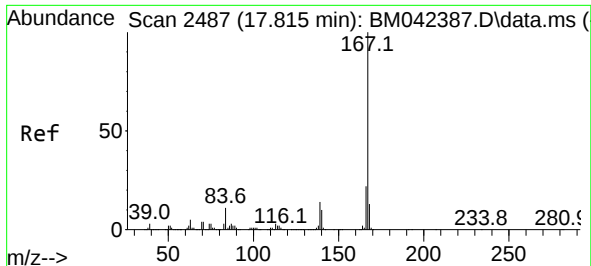
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

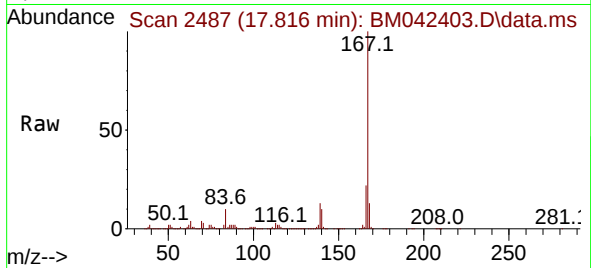
179 15.3 12.1 18.1





#73
 Carbazole
 Concen: 56.339 ng
 RT: 17.816 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BM042403.D
 Acq: 23 Oct 2023 15:43

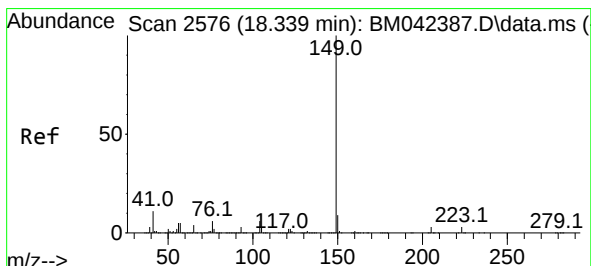
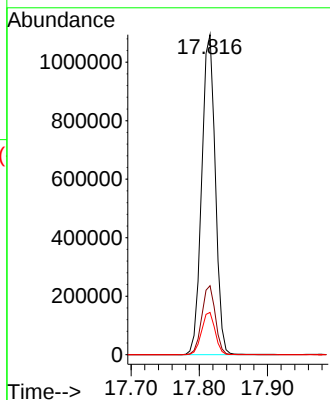
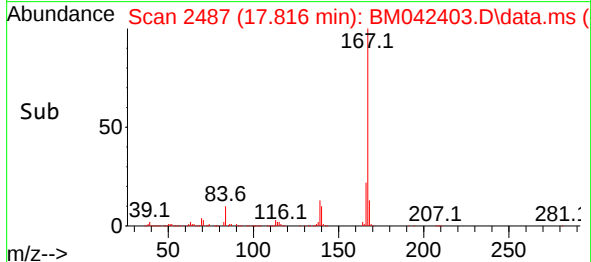
Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-06MSD



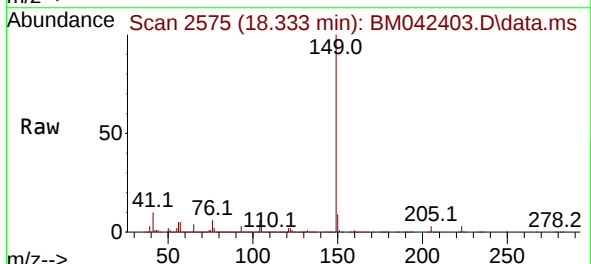
Tgt Ion:167 Resp: 1518789
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.2 10.9 16.3

Manual Integrations
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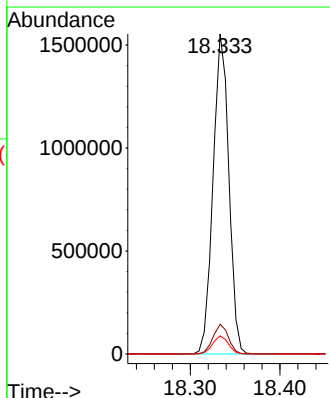
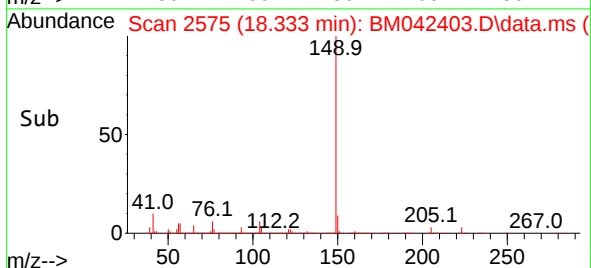
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023

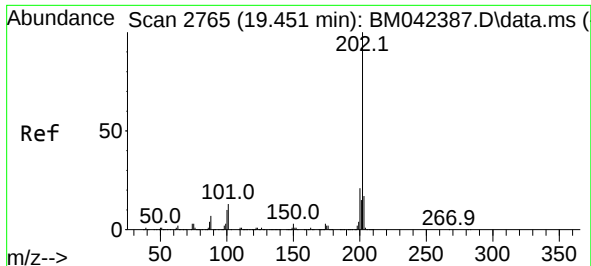


#74
 Di-n-butylphthalate
 Concen: 55.087 ng
 RT: 18.333 min Scan# 2575
 Delta R.T. -0.006 min
 Lab File: BM042403.D
 Acq: 23 Oct 2023 15:43



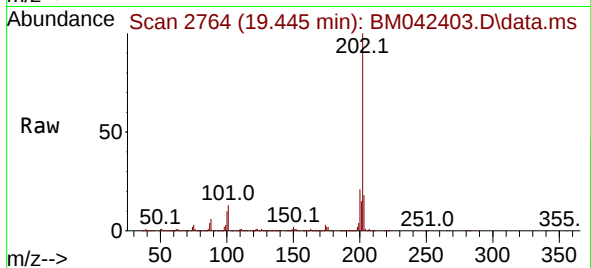
Tgt Ion:149 Resp: 1895591
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.7 4.6 7.0





#75
Fluoranthene
Concen: 58.431 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

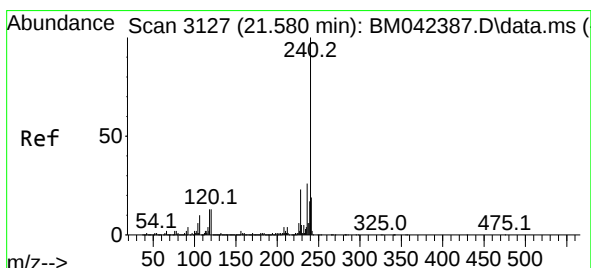
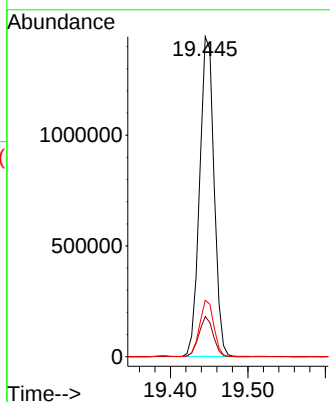
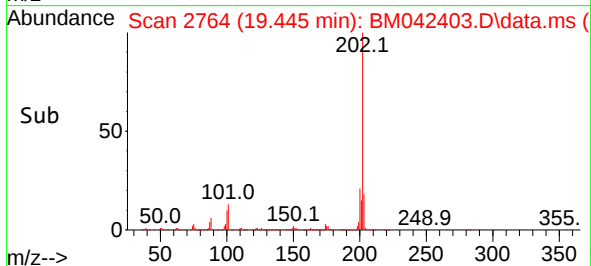
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:202 Resp: 186722
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.3
203 17.7 0.0 37.5

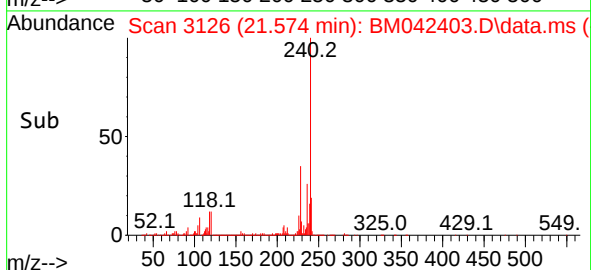
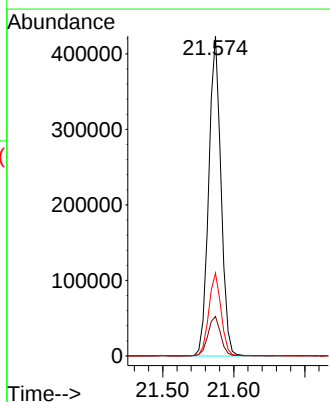
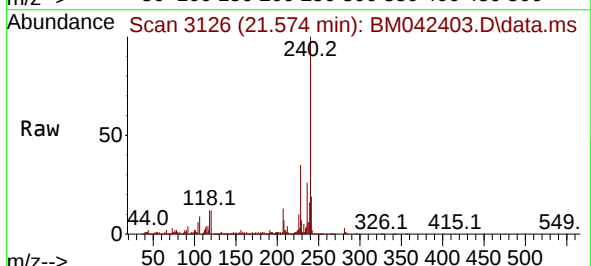
Manual Integrations
APPROVED

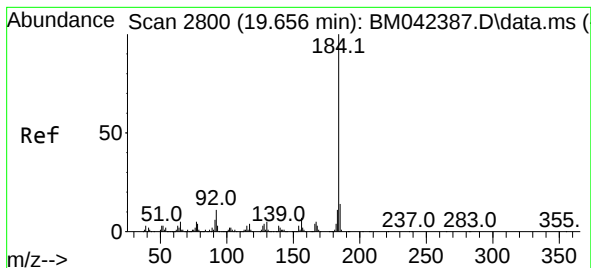
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Tgt Ion:240 Resp: 507048
Ion Ratio Lower Upper
240 100
120 12.3 10.7 16.1
236 25.9 20.7 31.1





#77

Benzidine

Concen: 113.464 ng

RT: 19.657 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD

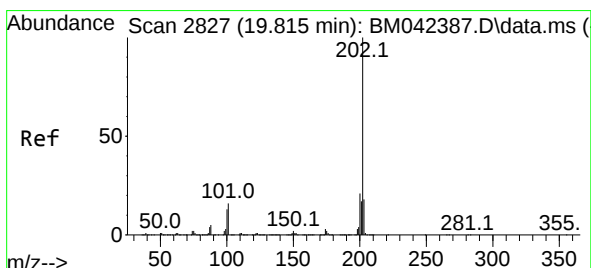
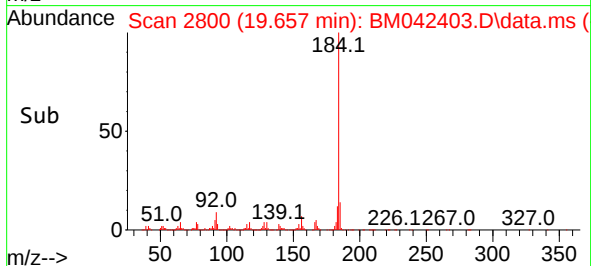
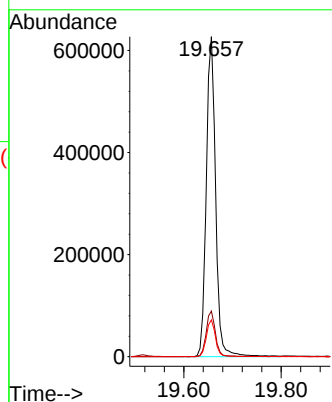
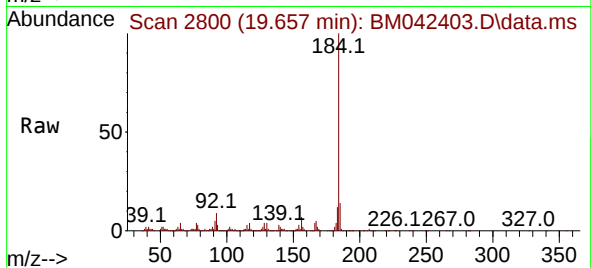
Tgt Ion:184 Resp: 832154
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.5 17.3
 183 11.5 9.2 13.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#78

Pyrene

Concen: 54.857 ng

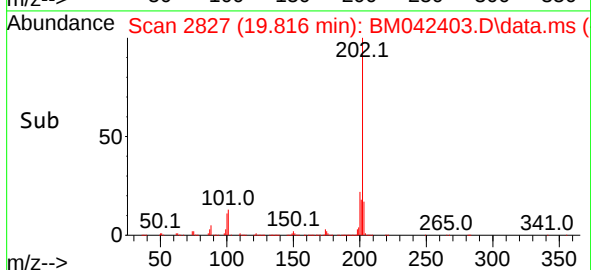
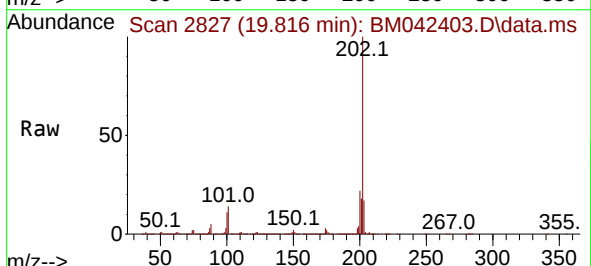
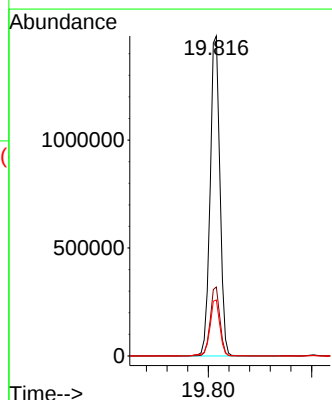
RT: 19.816 min Scan# 2827

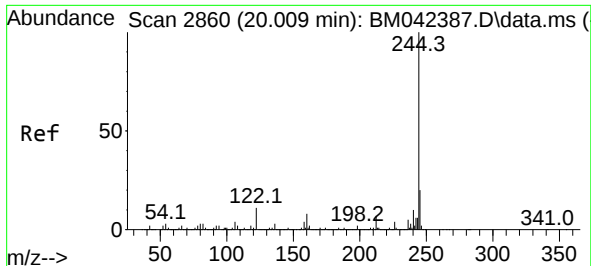
Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

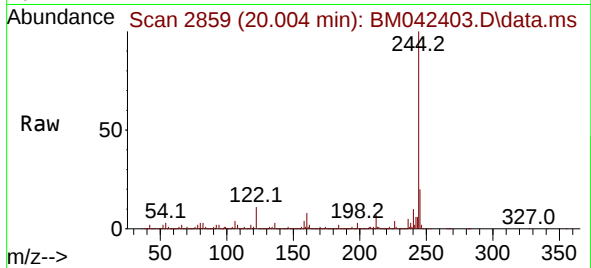
Tgt Ion:202 Resp: 1943697
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.1 25.7
 203 17.5 14.1 21.1





#79
 Terphenyl-d14
 Concen: 59.739 ng
 RT: 20.004 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042403.D
 Acq: 23 Oct 2023 15:43

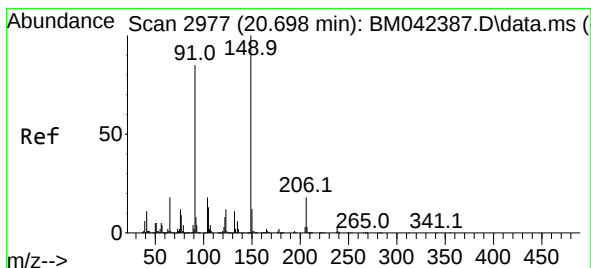
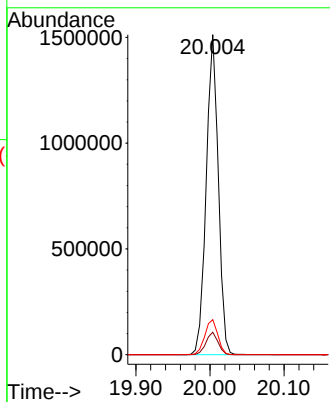
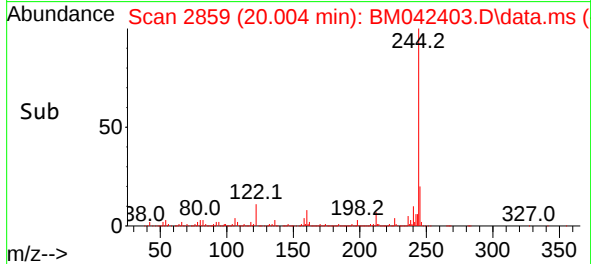
Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-06MSD



Tgt Ion:244 Resp: 170797
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.9 8.8 13.2

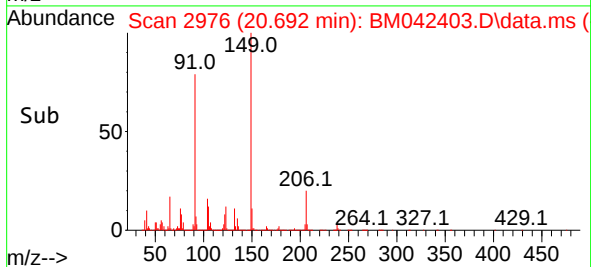
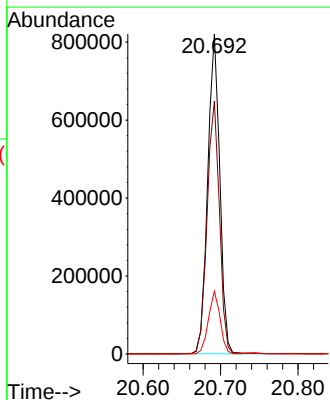
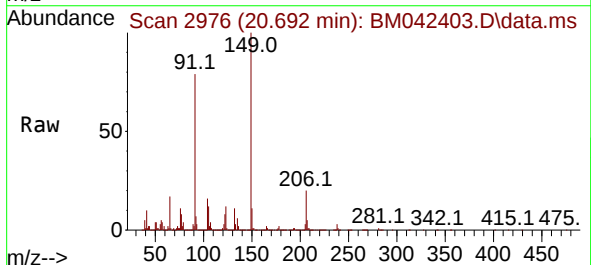
Manual Integrations
 APPROVED

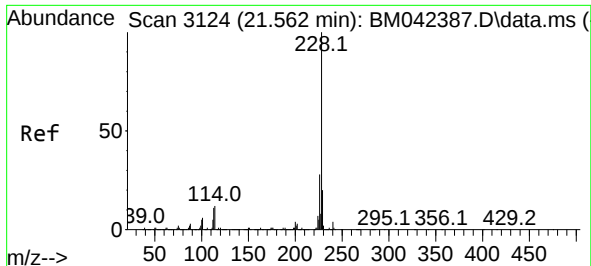
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023



#80
 Butylbenzylphthalate
 Concen: 54.671 ng
 RT: 20.692 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM042403.D
 Acq: 23 Oct 2023 15:43

Tgt Ion:149 Resp: 885883
 Ion Ratio Lower Upper
 149 100
 91 79.0 68.3 102.5
 206 19.6 14.6 22.0





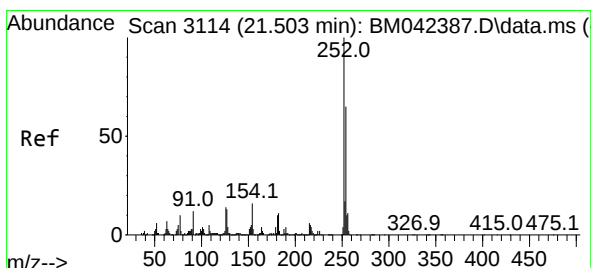
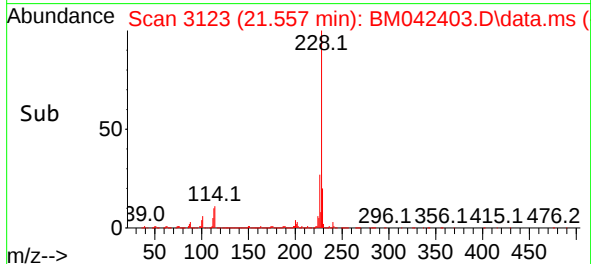
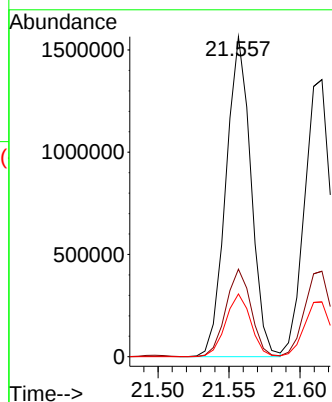
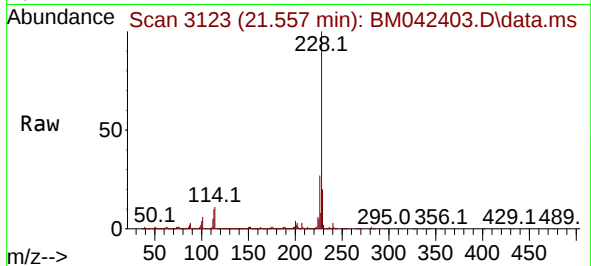
#81
Benzo(a)anthracene
Concen: 56.449 ng
RT: 21.557 min Scan# 3112
Delta R.T. -0.005 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD

Tgt Ion:228 Resp: 191876
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.6 15.7 23.5

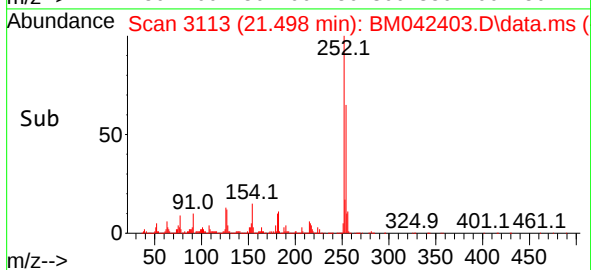
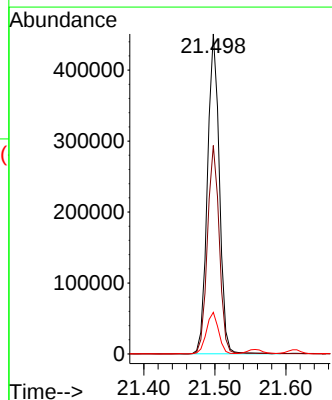
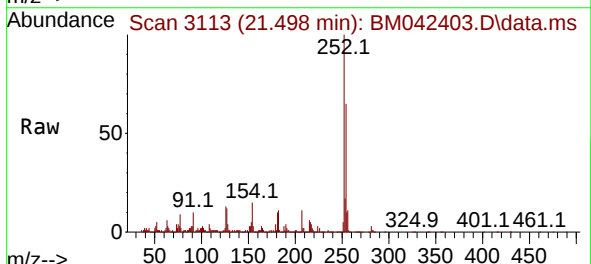
Manual Integrations
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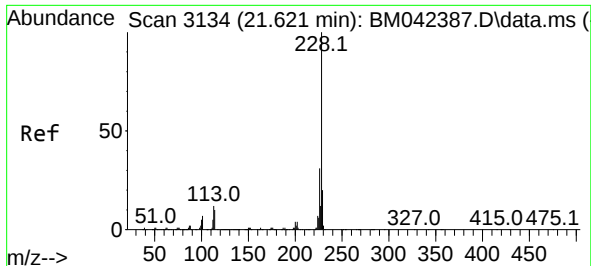
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 51.800 ng
RT: 21.498 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

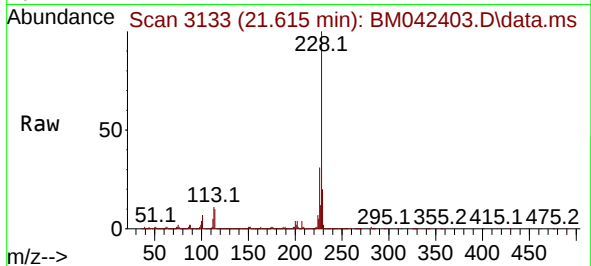
Tgt Ion:252 Resp: 525626
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.2
126 13.0 11.4 17.2





#83
Chrysene
Concen: 53.584 ng
RT: 21.615 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

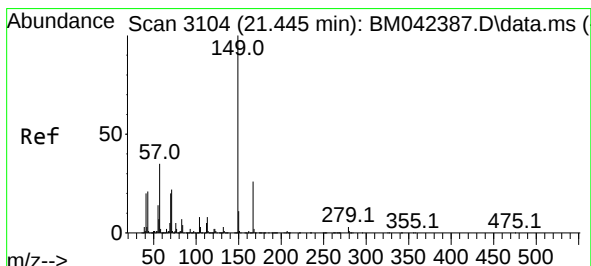
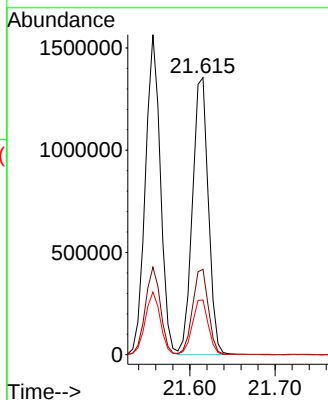
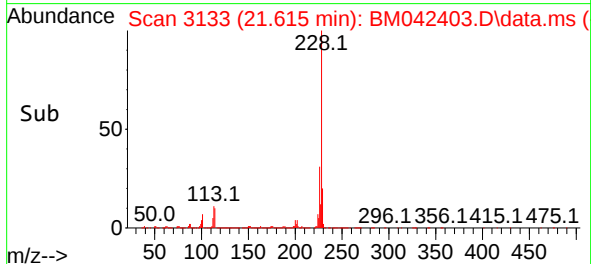
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



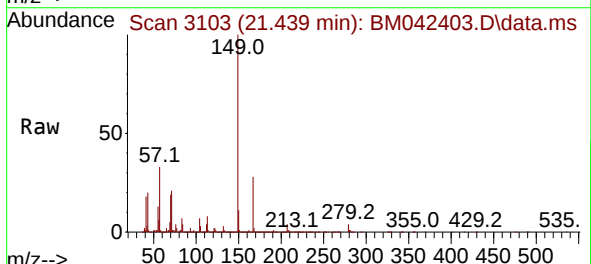
Tgt Ion:228 Resp: 1749400
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 19.8 15.7 23.5

Manual Integrations
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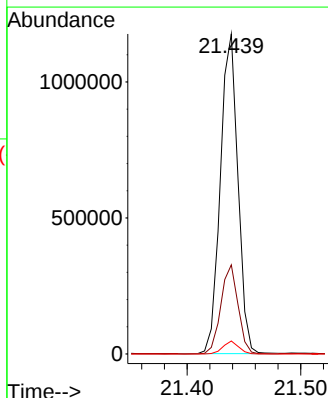
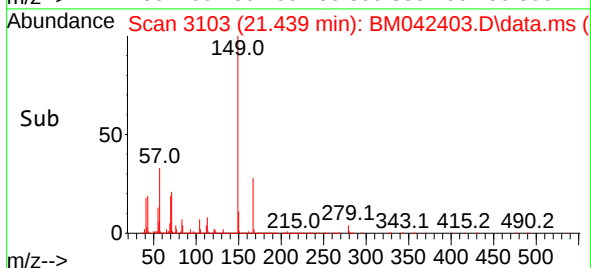
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

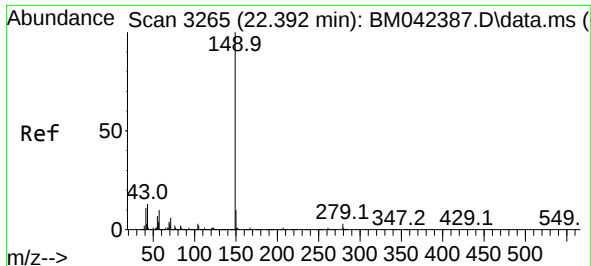


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.820 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43



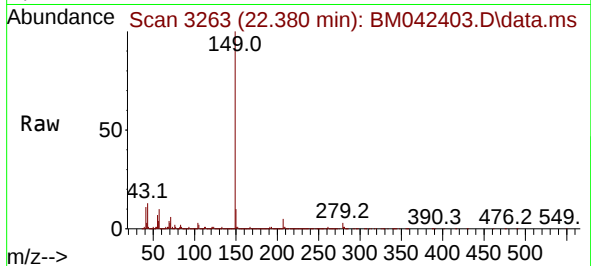
Tgt Ion:149 Resp: 1263460
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.0 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 57.078 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

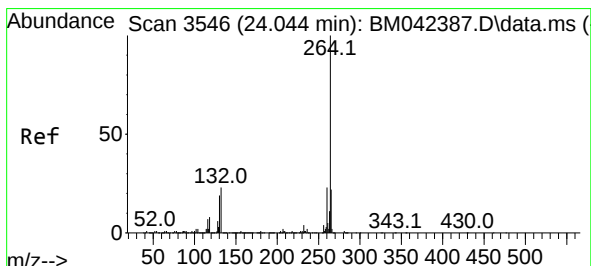
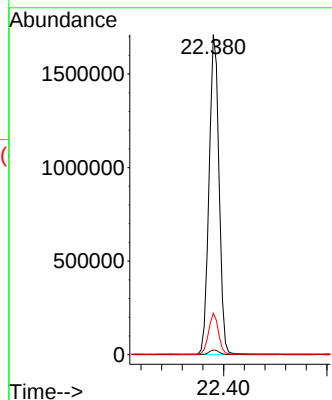
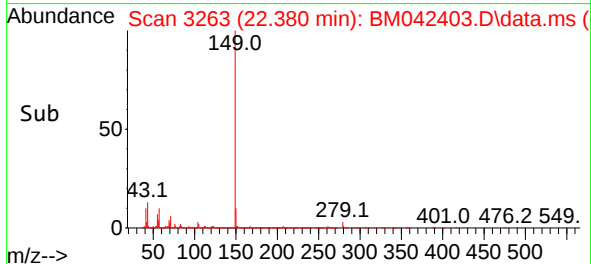
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD



Tgt Ion:149 Resp: 228061
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.5 11.0 16.6

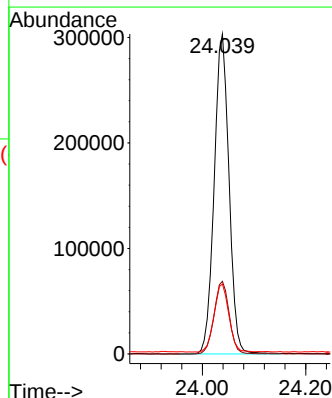
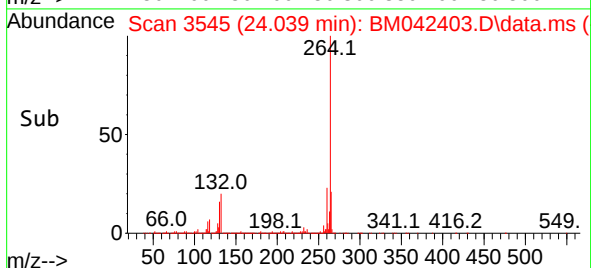
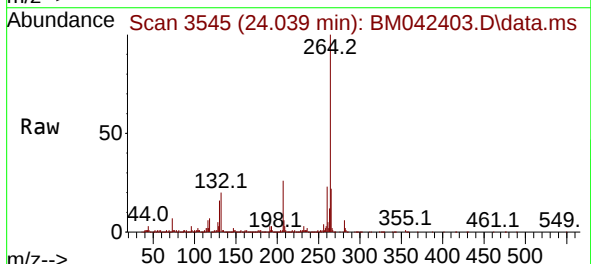
Manual Integrations
APPROVED

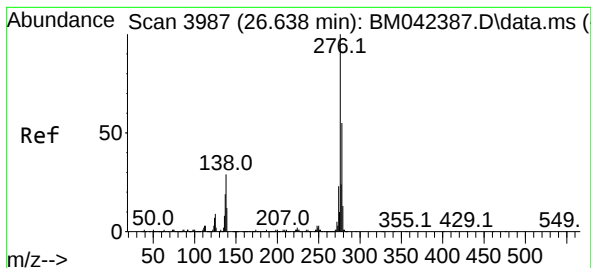
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Tgt Ion:264 Resp: 603315
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 21.8 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.418 ng

RT: 26.633 min Scan# 3987

Delta R.T. -0.006 min

Lab File: BM042403.D

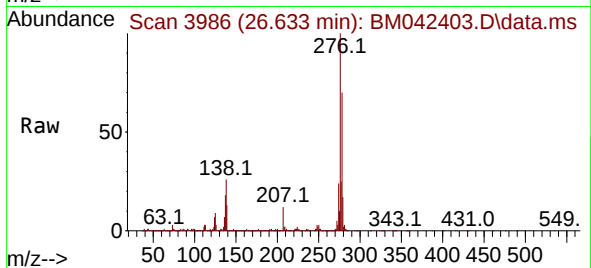
Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD



Tgt Ion:276 Resp: 248747

Ion Ratio Lower Upper

276 100

138 28.2 25.6 38.4

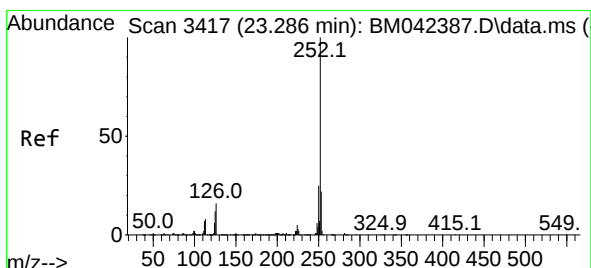
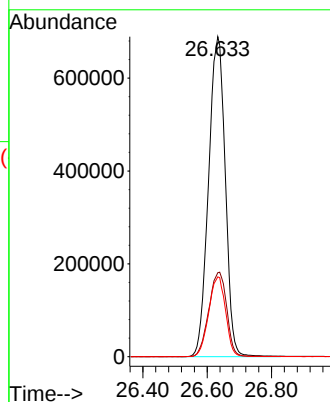
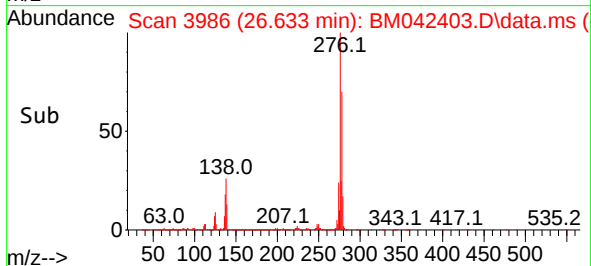
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#88

Benzo(b)fluoranthene

Concen: 57.047 ng

RT: 23.280 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

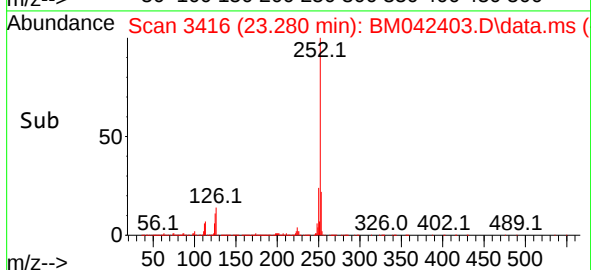
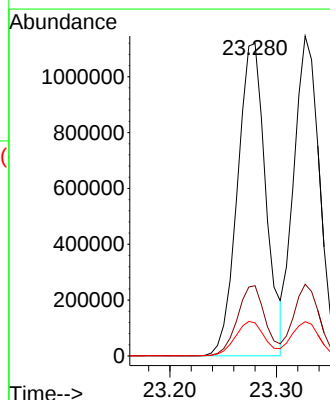
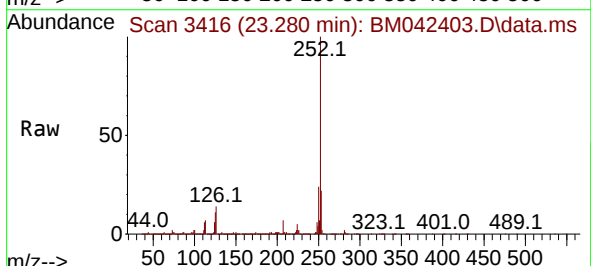
Tgt Ion:252 Resp: 2071684

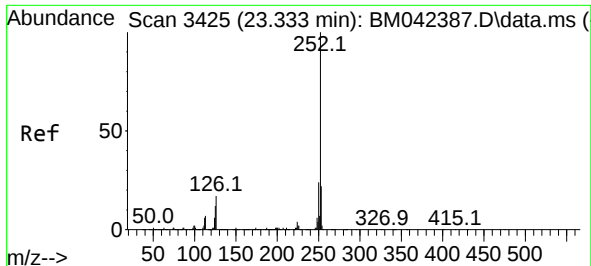
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 10.6 9.8 14.8





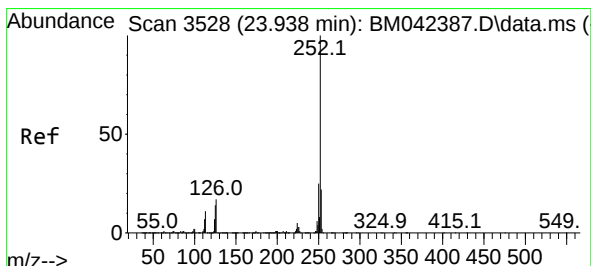
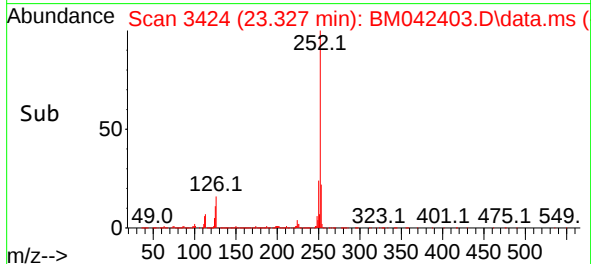
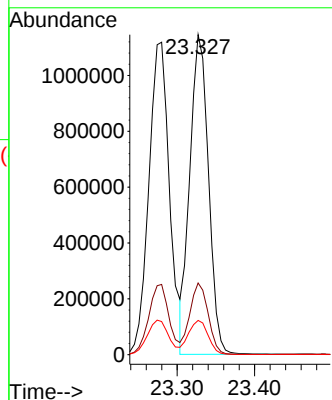
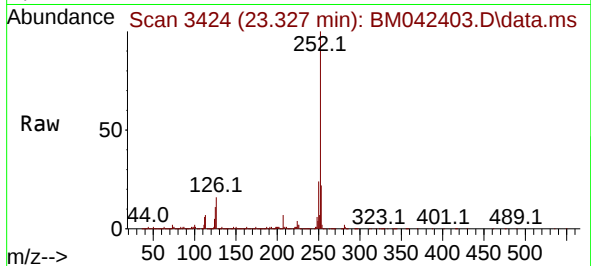
#89
Benzo(k)fluoranthene
Concen: 50.763 ng
RT: 23.327 min Scan# 3425
Delta R.T. -0.006 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MSD

Tgt Ion:252 Resp: 1913934
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.7 10.2 15.2

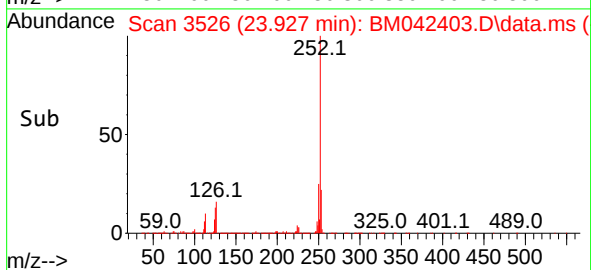
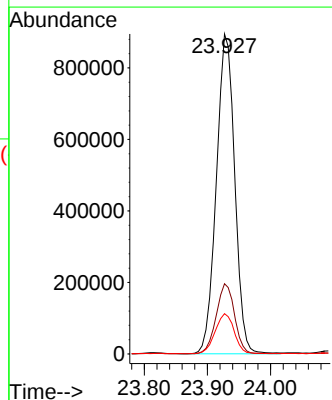
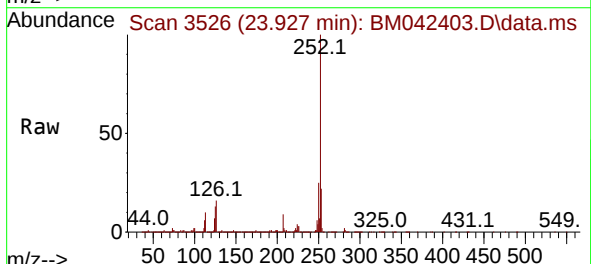
Manual Integrations
APPROVED

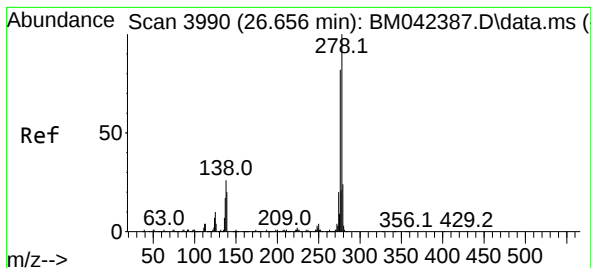
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#90
Benzo(a)pyrene
Concen: 51.701 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM042403.D
Acq: 23 Oct 2023 15:43

Tgt Ion:252 Resp: 1807119
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.6 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 56.134 ng

RT: 26.650 min Scan# 3990

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MSD

Tgt Ion:278 Resp: 205775

Ion Ratio Lower Upper

278 100

139 18.0 15.6 23.4

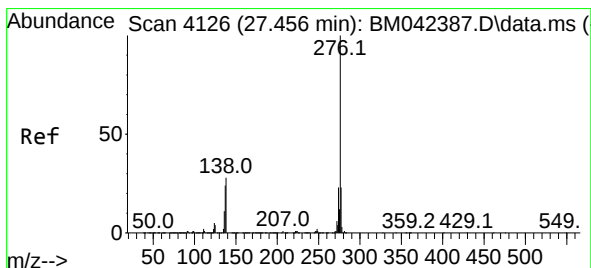
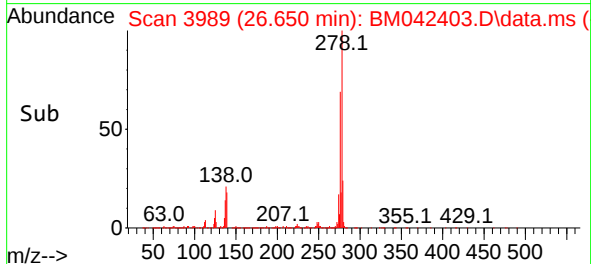
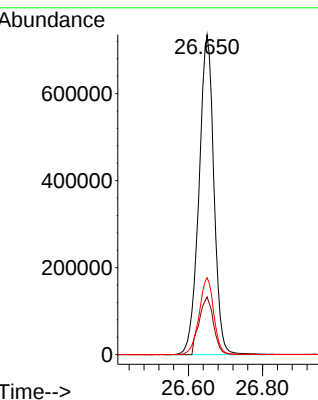
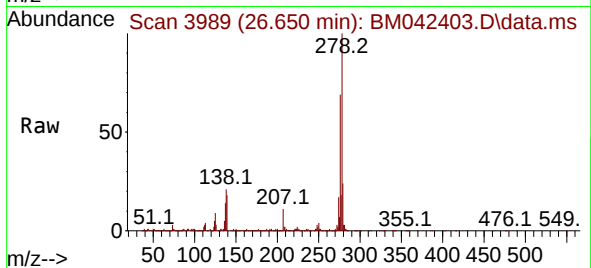
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#92

Benzo(g,h,i)perylene

Concen: 55.623 ng

RT: 27.439 min Scan# 4123

Delta R.T. -0.017 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Tgt Ion:276 Resp: 1980191

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 25.1 22.6 34.0

