

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042402.D
 Acq On : 23 Oct 2023 15:07
 Operator : MA/JU
 Sample : 04844-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 23 15:54:45 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	7.998	152	140782	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	549629	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	284776	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	559384	20.000	ng	0.00
76) Chrysene-d12	21.574	240	554141	20.000	ng	0.00
86) Perylene-d12	24.038	264	621445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	804059	80.720	ng	0.00
7) Phenol-d6	7.145	99	1045814	78.343	ng	0.00
23) Nitrobenzene-d5	9.192	82	638366	51.359	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	242708	80.929	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1097098	51.878	ng	0.00
79) Terphenyl-d14	20.003	244	1573015	50.343	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	181286	38.649	ng	97
3) Pyridine	3.810	79	456417	33.166	ng	96
4) n-Nitrosodimethylamine	3.734	42	270733	38.965	ng	95
6) Aniline	7.334	93	416611	24.512	ng	97
8) 2-Chlorophenol	7.551	128	452854	45.816	ng	96
9) Benzaldehyde	7.151	77	178211	22.921	ng	99
10) Phenol	7.175	94	617951	44.800	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	478802	42.279	ng	97
12) 1,3-Dichlorobenzene	7.875	146	462221	45.212	ng	99
13) 1,4-Dichlorobenzene	8.034	146	473224	45.984	ng	99
14) 1,2-Dichlorobenzene	8.345	146	450616	45.601	ng	99
15) Benzyl Alcohol	8.251	79	431434	43.598	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	739204m	41.252	ng	
17) 2-Methylphenol	8.433	107	384810	42.277	ng	96
18) Hexachloroethane	9.063	117	183858	46.408	ng	95
19) n-Nitroso-di-n-propyla...	8.810	70	382619	42.289	ng	98
20) 3+4-Methylphenols	8.769	107	515532	42.227	ng	97
22) Acetophenone	8.845	105	682043	45.486	ng	# 98
24) Nitrobenzene	9.239	77	554304	44.576	ng	98
25) Isophorone	9.745	82	973263	46.076	ng	100
26) 2-Nitrophenol	9.939	139	222088	46.494	ng	97
27) 2,4-Dimethylphenol	9.975	122	362777	42.341	ng	99
28) bis(2-Chloroethoxy)met...	10.233	93	604663	45.182	ng	99
29) 2,4-Dichlorophenol	10.457	162	377408	50.651	ng	98
30) 1,2,4-Trichlorobenzene	10.669	180	390872	48.933	ng	98
31) Naphthalene	10.869	128	1295353	45.884	ng	100
32) Benzoic acid	10.104	122	300113	47.902	ng	97
33) 4-Chloroaniline	11.004	127	203688	16.618	ng	99
34) Hexachlorobutadiene	11.098	225	217797	50.388	ng	99
35) Caprolactam	11.827	113	126424	43.393	ng	95
36) 4-Chloro-3-methylphenol	12.098	107	433533	48.215	ng	98
37) 2-Methylnaphthalene	12.469	142	837830	44.086	ng	99
38) 1-Methylnaphthalene	12.692	142	810920	45.548	ng	99
40) 1,2,4,5-Tetrachloroben...	12.821	216	407381	49.483	ng	99
41) Hexachlorocyclopentadiene	12.768	237	362740	81.190	ng	99
43) 2,4,6-Trichlorophenol	13.074	196	273662	51.349	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	300138	47.641	ng	98
46) 1,1'-Biphenyl	13.480	154	1074272	47.552	ng	99
47) 2-Chloronaphthalene	13.527	162	808575	48.785	ng	100
48) 2-Nitroaniline	13.757	65	304959	42.128	ng	98
49) Acenaphthylene	14.368	152	1331148	49.748	ng	99
50) Dimethylphthalate	14.104	163	949005	45.432	ng	99
51) 2,6-Dinitrotoluene	14.251	165	205310	43.800	ng	92
52) Acenaphthene	14.704	154	752560	46.520	ng	99
53) 3-Nitroaniline	14.586	138	159591	29.860	ng	95
54) 2,4-Dinitrophenol	14.786	184	246629	83.967	ng	97
55) Dibenzofuran	15.039	168	1187521	46.411	ng	99
56) 4-Nitrophenol	14.874	139	430606	101.217	ng	97
57) 2,4-Dinitrotoluene	15.027	165	275960	44.107	ng	95
58) Fluorene	15.686	166	953194	47.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	243046	51.353	ng	97
60) Diethylphthalate	15.451	149	962651	46.700	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	455529	47.907	ng	96
62) 4-Nitroaniline	15.751	138	217006	41.037	ng	99
63) Azobenzene	15.974	77	1150497	46.520	ng	97
65) 4,6-Dinitro-2-methylph...	15.774	198	143534	41.163	ng	98
66) n-Nitrosodiphenylamine	15.904	169	806034	47.840	ng	99
67) 4-Bromophenyl-phenylether	16.574	248	250476	48.313	ng	99
68) Hexachlorobenzene	16.656	284	290432	52.408	ng	100
69) Atrazine	16.851	200	270722	63.362	ng	100
70) Pentachlorophenol	17.021	266	423748	90.727	ng	99
71) Phenanthrene	17.439	178	1476412	48.517	ng	99
72) Anthracene	17.527	178	1455575	48.297	ng	99
73) Carbazole	17.815	167	1381700	48.870	ng	100
74) Di-n-butylphthalate	18.333	149	1756769	49.006	ng	100
75) Fluoranthene	19.450	202	1688327	50.376	ng	98
77) Benzidine	19.656	184	772207	96.342	ng	99
78) Pyrene	19.815	202	1797467	46.419	ng	99
80) Butylbenzylphthalate	20.692	149	839370	47.831	ng	97
81) Benzo(a)anthracene	21.556	228	1779354	47.898	ng	99
82) 3,3'-Dichlorobenzidine	21.497	252	503607	45.413	ng	99
83) Chrysene	21.615	228	1624356	45.526	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1212872	48.562	ng	98
85) Di-n-octyl phthalate	22.386	149	2179365	50.438	ng	98
87) Indeno(1,2,3-cd)pyrene	26.632	276	2146580	47.266	ng	97
88) Benzo(b)fluoranthene	23.280	252	1819896	48.652	ng	99
89) Benzo(k)fluoranthene	23.333	252	1729583	44.536	ng	98
90) Benzo(a)pyrene	23.932	252	1589188	44.139	ng	98
91) Dibenzo(a,h)anthracene	26.650	278	1771697	46.921	ng	99
92) Benzo(g,h,i)perylene	27.444	276	1664420	45.389	ng	97

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

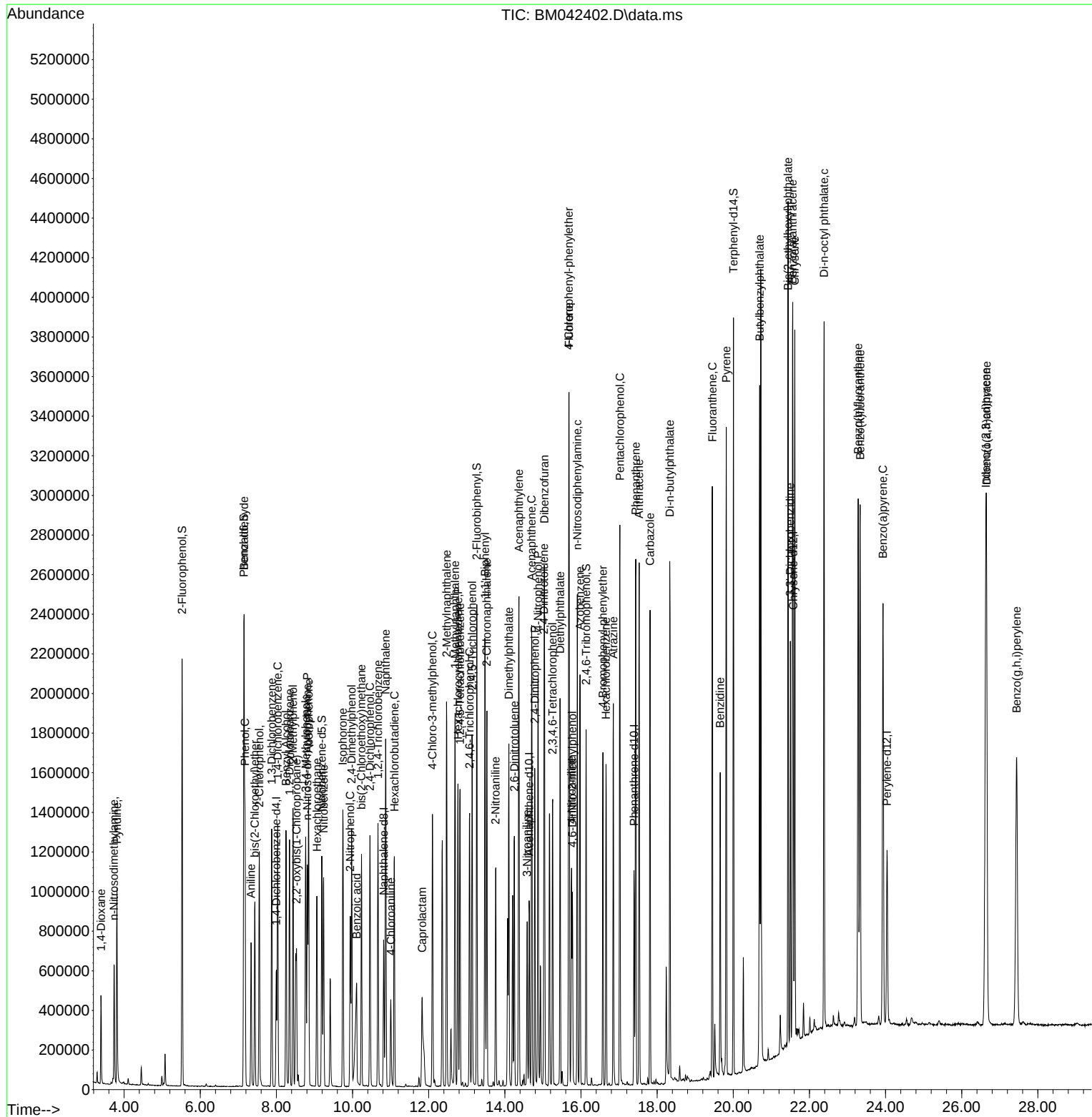
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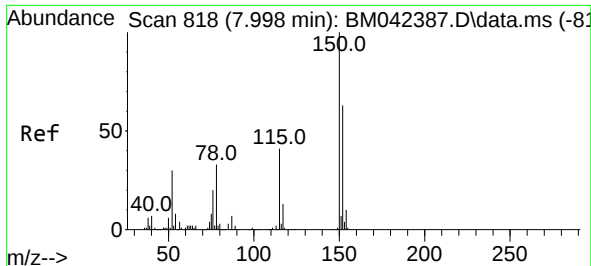
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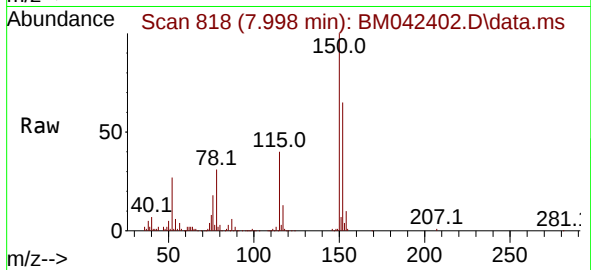
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.998 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM042402.D
 Acq: 23 Oct 2023 15:07

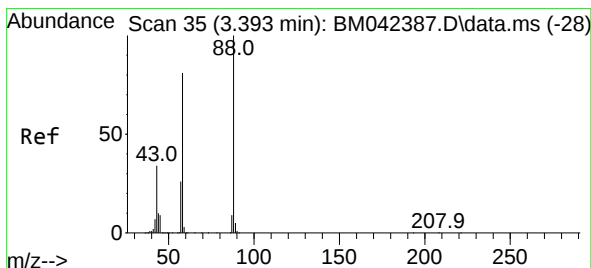
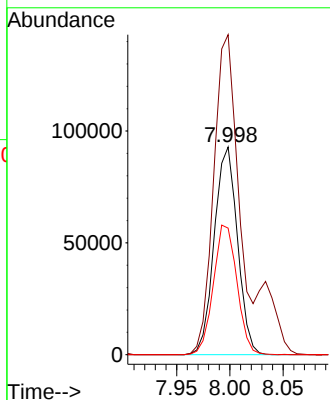
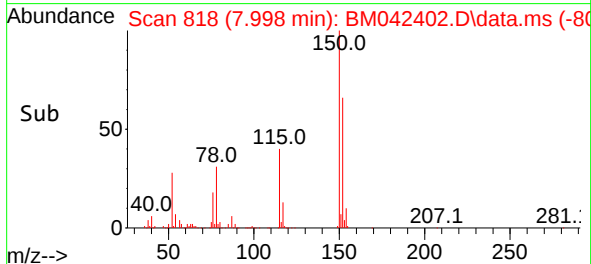
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:152 Resp: 14078
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.2 189.4
 115 60.9 51.9 77.9

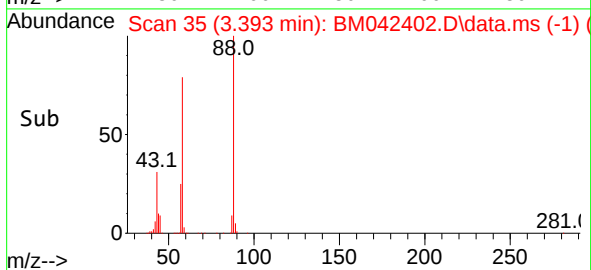
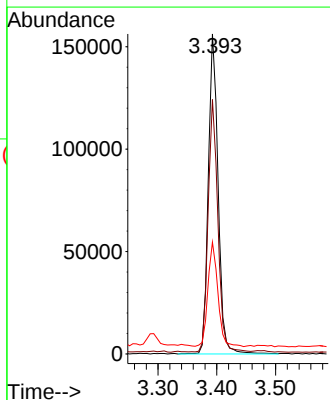
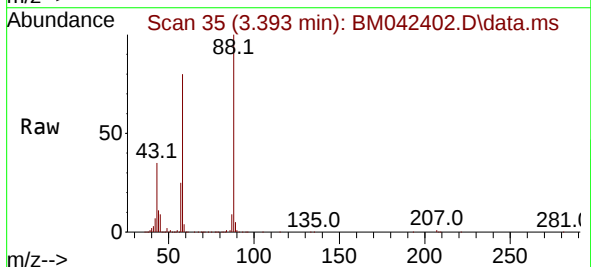
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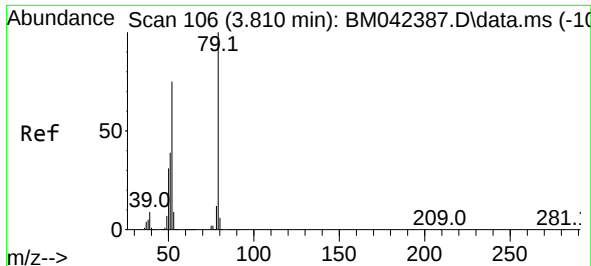
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#2
 1,4-Dioxane
 Concen: 38.649 ng
 RT: 3.393 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: BM042402.D
 Acq: 23 Oct 2023 15:07

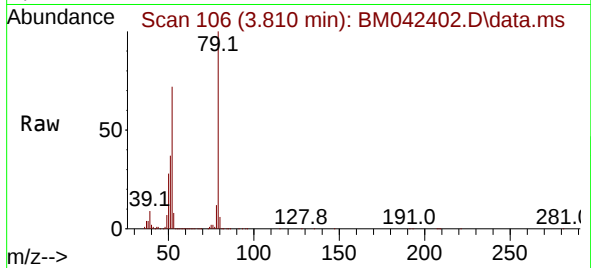
Tgt Ion: 88 Resp: 181286
 Ion Ratio Lower Upper
 88 100
 58 78.0 64.9 97.3
 43 33.0 27.8 41.8





#3
Pyridine
Concen: 33.166 ng
RT: 3.810 min Scan# 106
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

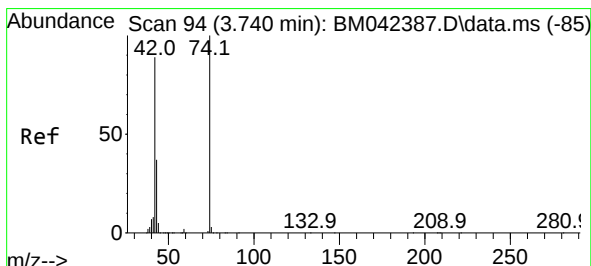
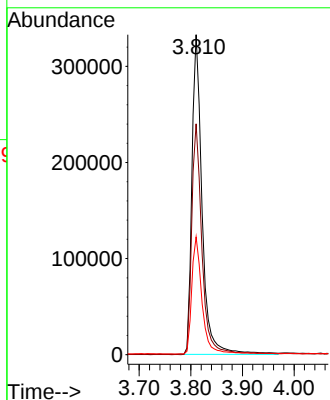
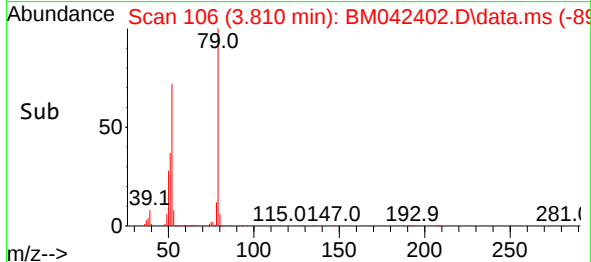
Instrument :
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ClientSampleId :
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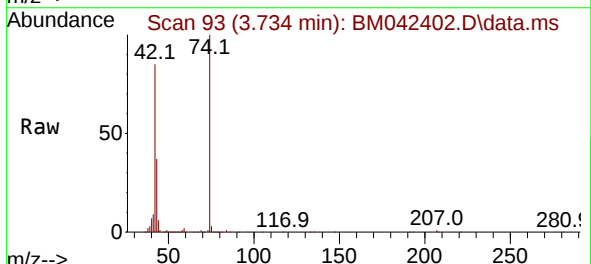
Tgt Ion: 79 Resp: 45641
Ion Ratio Lower Upper
79 100
52 72.1 60.3 90.5
51 36.8 32.0 48.0

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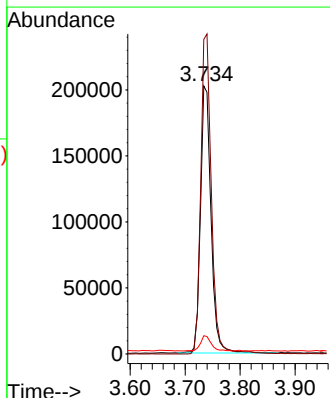
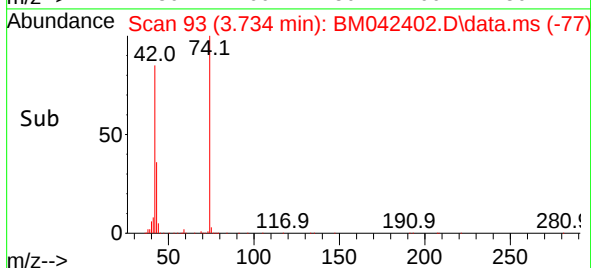
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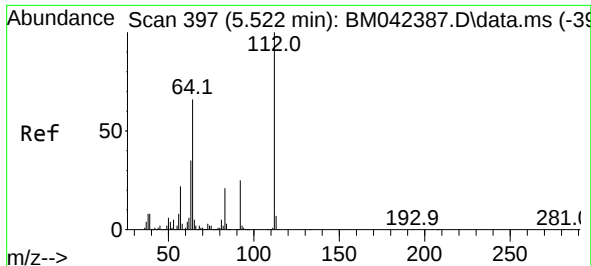


#4
n-Nitrosodimethylamine
Concen: 38.965 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



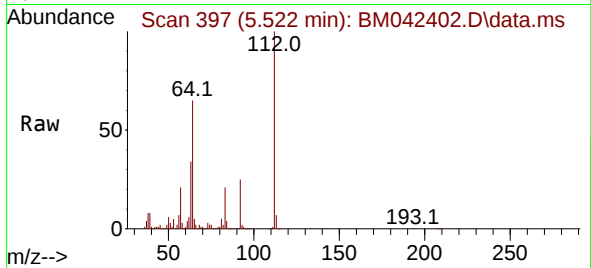
Tgt Ion: 42 Resp: 270733
Ion Ratio Lower Upper
42 100
74 117.3 89.4 134.2
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 80.720 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

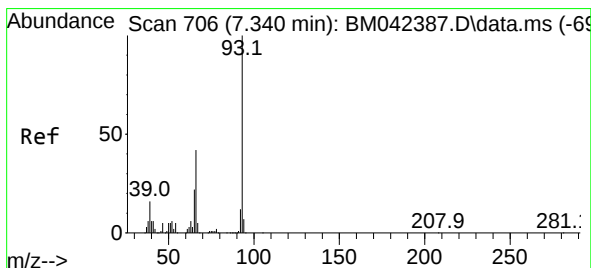
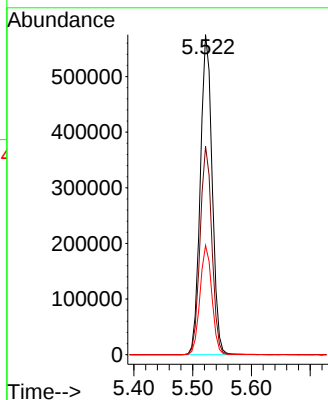
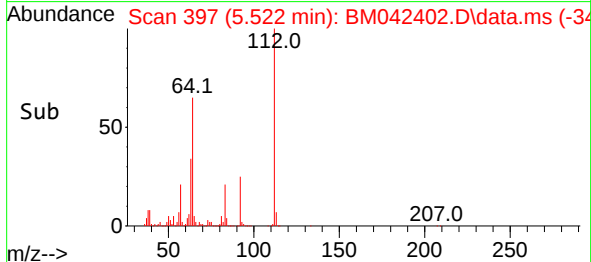
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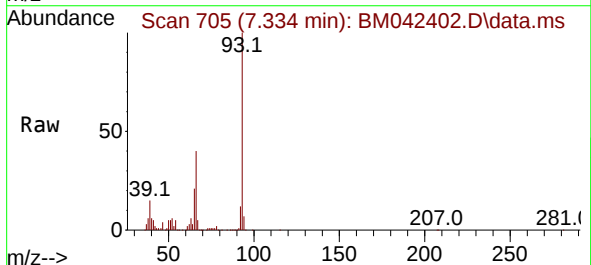
Tgt Ion: 112 Resp: 804059
Ion Ratio Lower Upper
112 100
64 65.1 52.7 79.1
63 34.2 28.3 42.5

Manual Integrations
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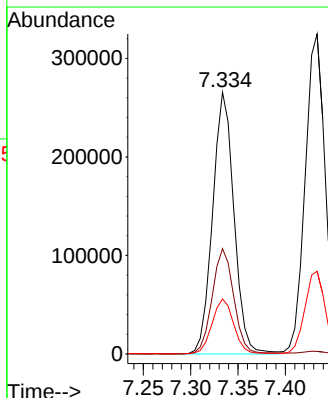
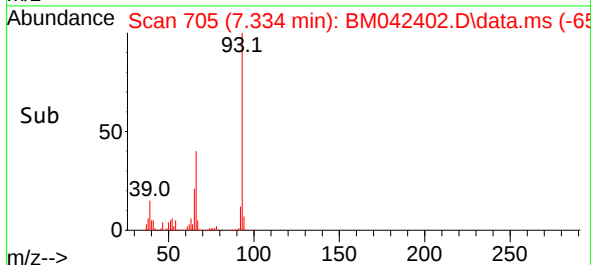
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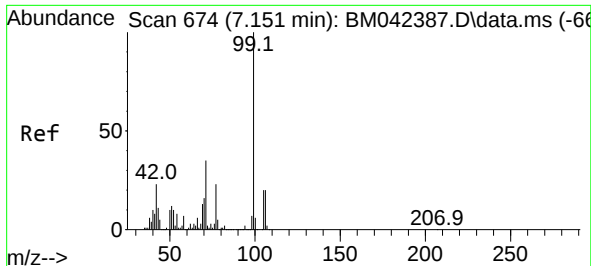


#6
Aniline
Concen: 24.512 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



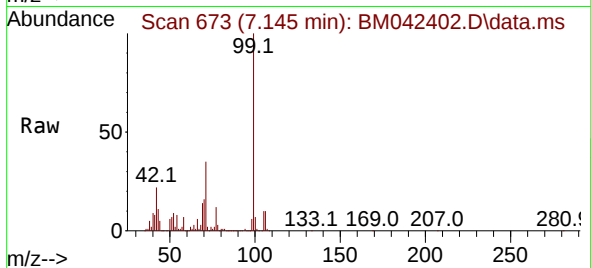
Tgt Ion: 93 Resp: 416611
Ion Ratio Lower Upper
93 100
66 40.2 33.8 50.8
65 21.0 17.4 26.2





#7
Phenol-d6
Concen: 78.343 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

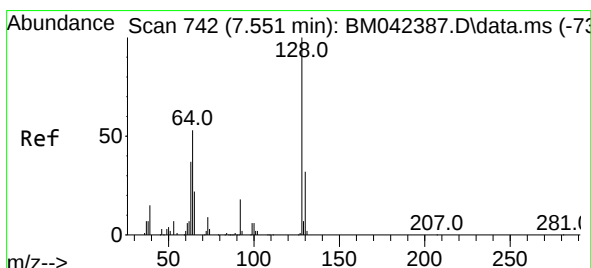
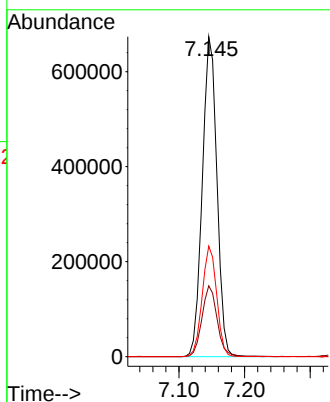
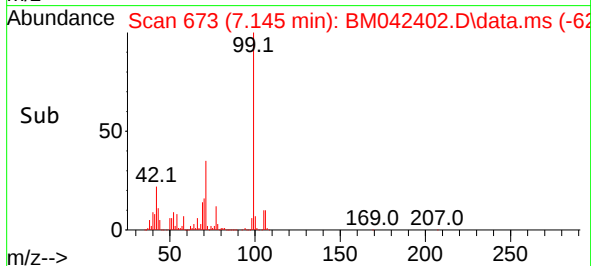
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Tgt Ion: 99 Resp: 1045814
Ion Ratio Lower Upper
99 100
42 22.2 18.5 27.7
71 34.5 27.7 41.5

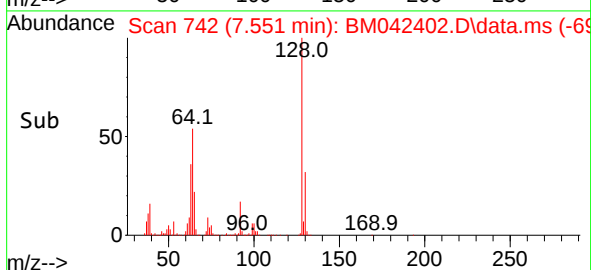
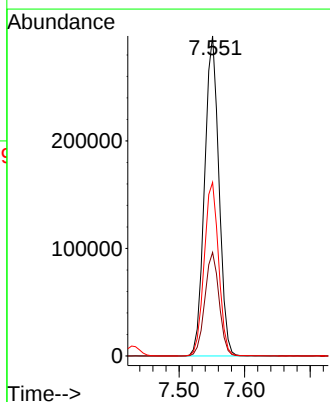
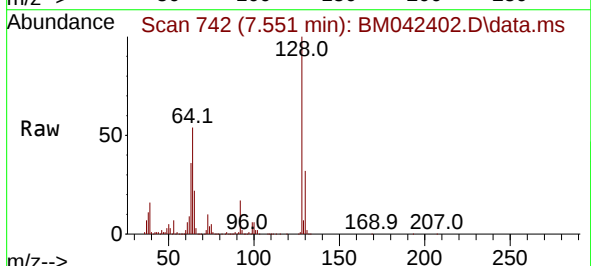
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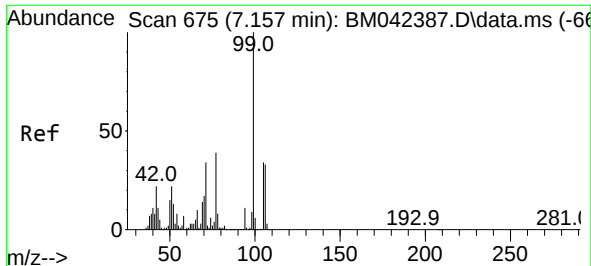
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#8
2-Chlorophenol
Concen: 45.816 ng
RT: 7.551 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

Tgt Ion:128 Resp: 452854
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 54.3 38.2 78.2





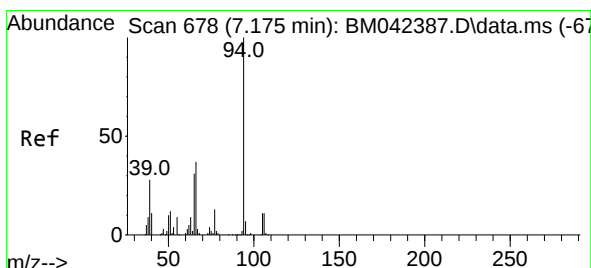
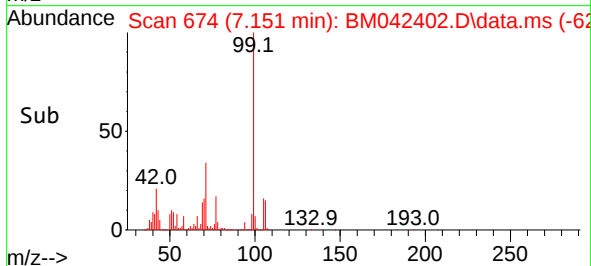
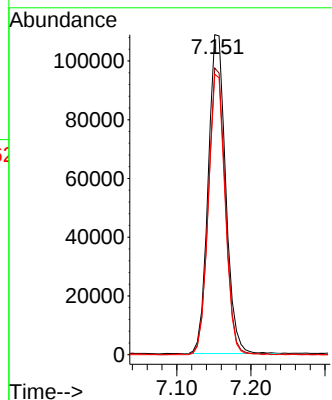
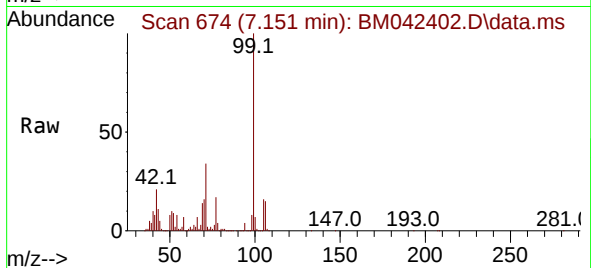
#9
Benzaldehyde
Concen: 22.921 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

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Tgt Ion: 77 Resp: 17821
Ion Ratio Lower Upper
77 100
105 89.6 68.7 108.7
106 87.6 65.8 105.8

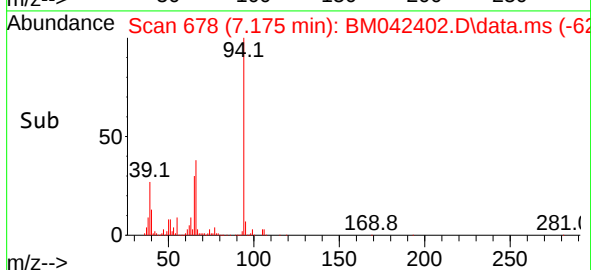
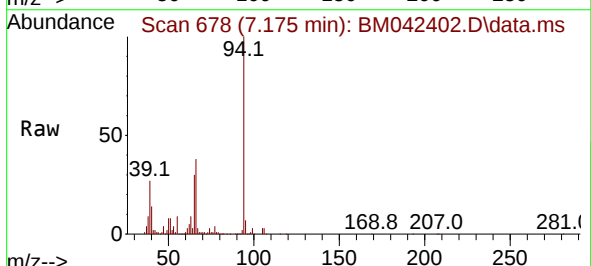
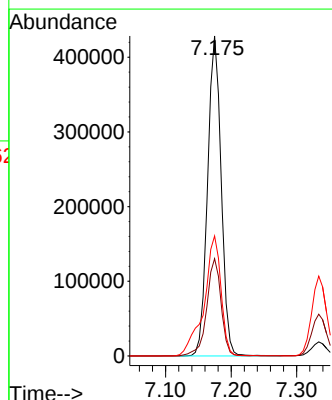
Manual Integrations
APPROVED

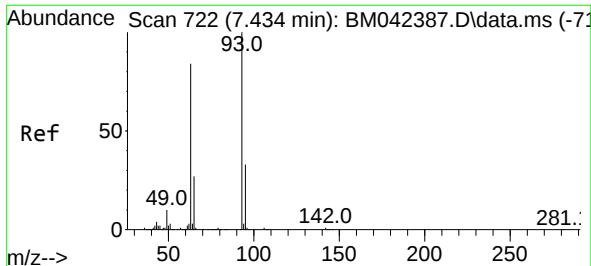
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#10
Phenol
Concen: 44.800 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

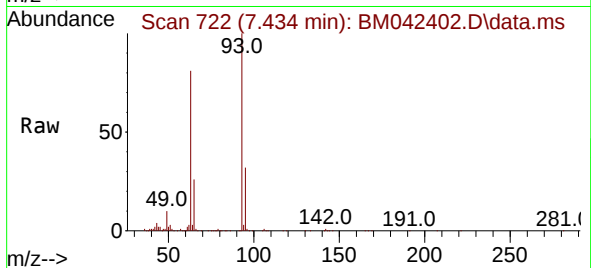
Tgt Ion: 94 Resp: 617951
Ion Ratio Lower Upper
94 100
65 30.4 10.9 50.9
66 37.5 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 42.279 ng
RT: 7.434 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

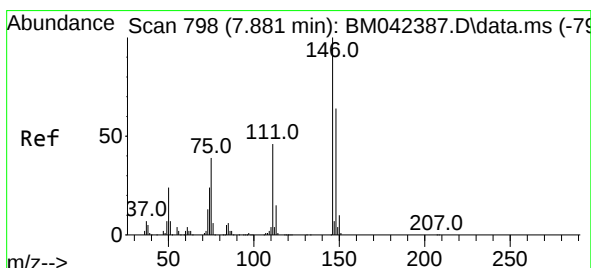
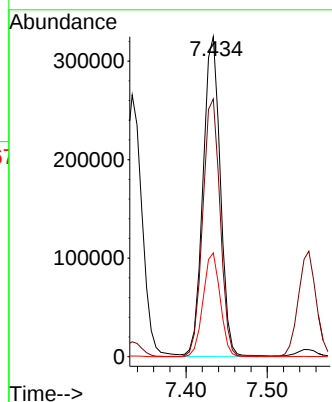
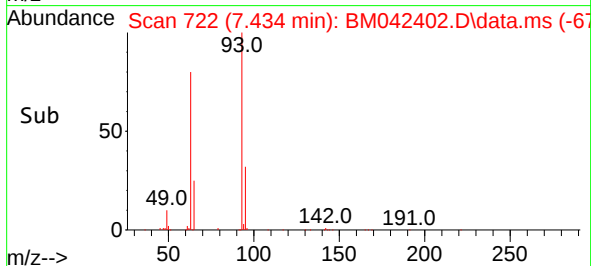
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion: 93 Resp: 47880
Ion Ratio Lower Upper
93 100
63 80.6 64.2 104.2
95 32.4 12.6 52.6

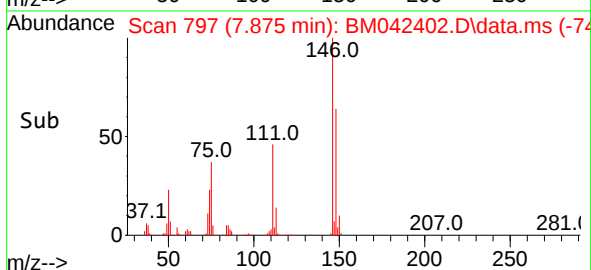
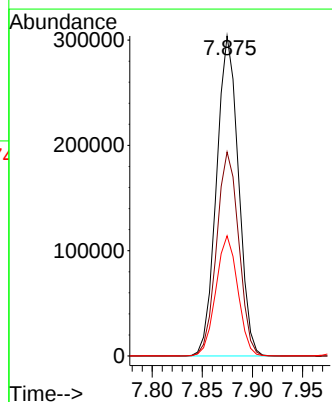
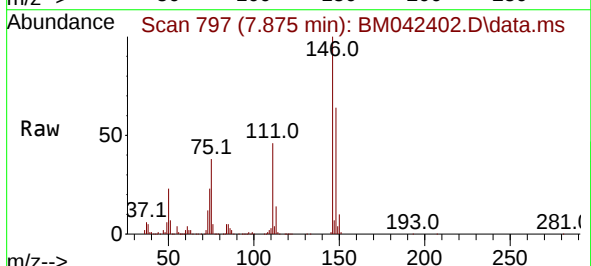
Manual Integrations
APPROVED

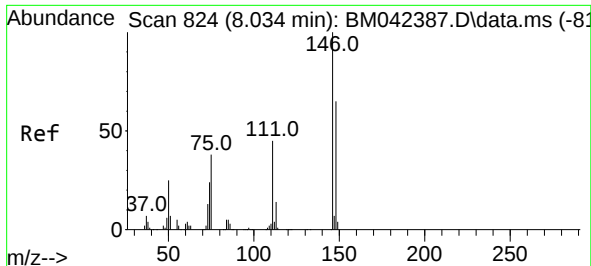
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#12
1,3-Dichlorobenzene
Concen: 45.212 ng
RT: 7.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

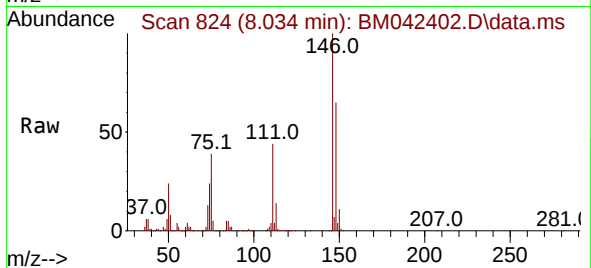
Tgt Ion:146 Resp: 462221
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 37.5 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 45.984 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

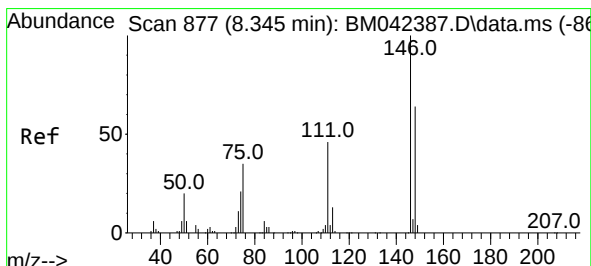
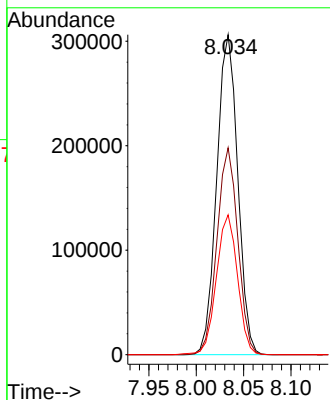
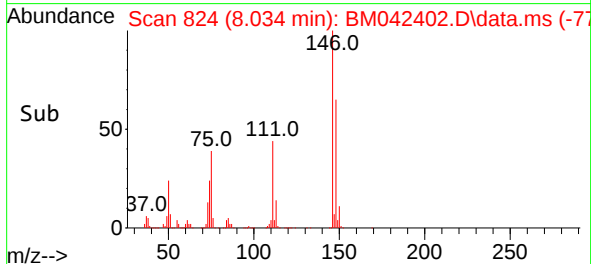
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:146 Resp: 473224
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 43.7 35.9 53.9

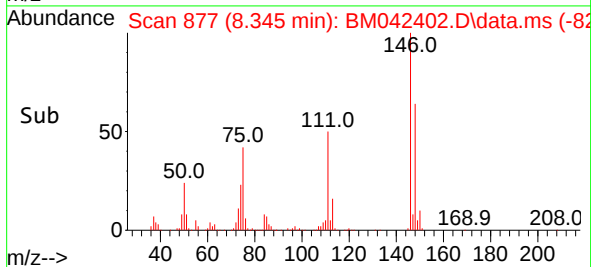
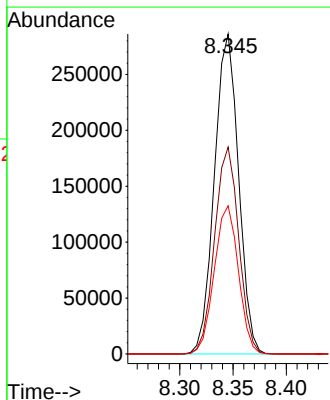
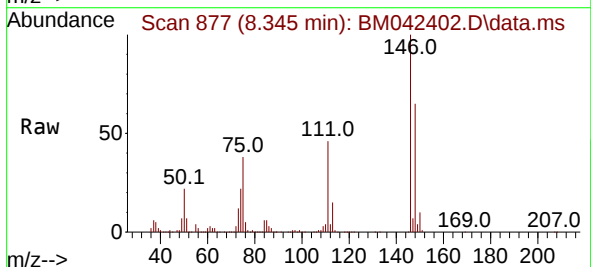
Manual Integrations
APPROVED

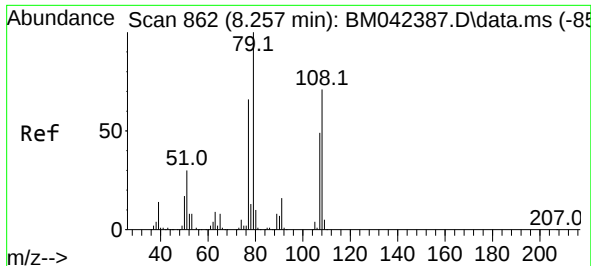
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#14
1,2-Dichlorobenzene
Concen: 45.601 ng
RT: 8.345 min Scan# 877
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

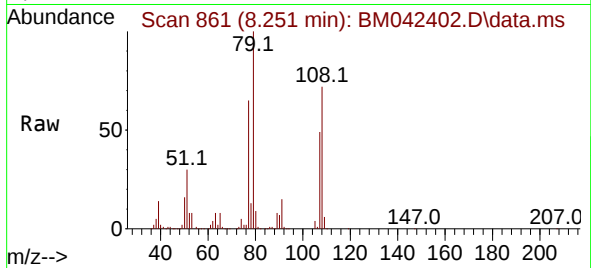
Tgt Ion:146 Resp: 450616
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
111 46.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.598 ng
RT: 8.251 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

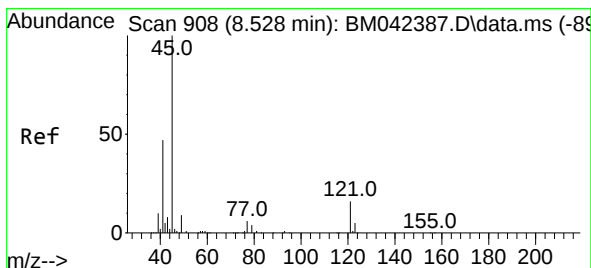
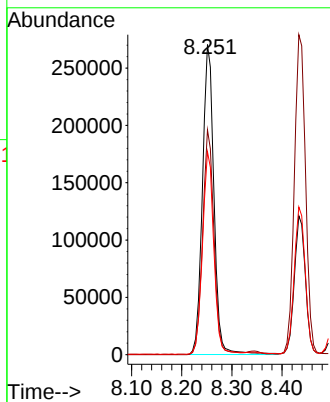
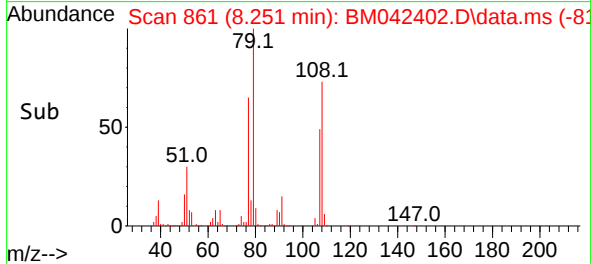
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion: 79 Resp: 431434
Ion Ratio Lower Upper
79 100
108 72.5 57.1 85.7
77 65.4 52.9 79.3

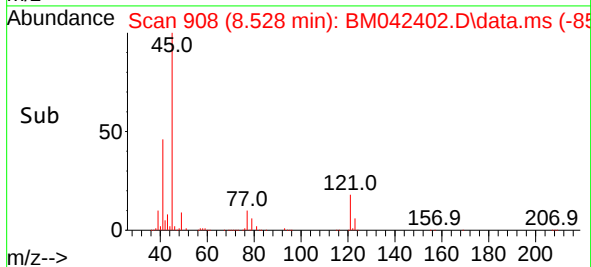
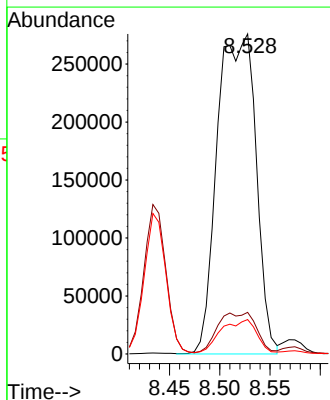
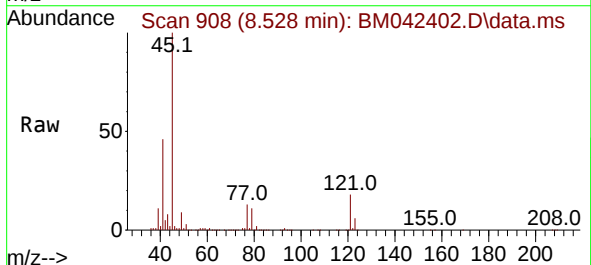
Manual Integrations
APPROVED

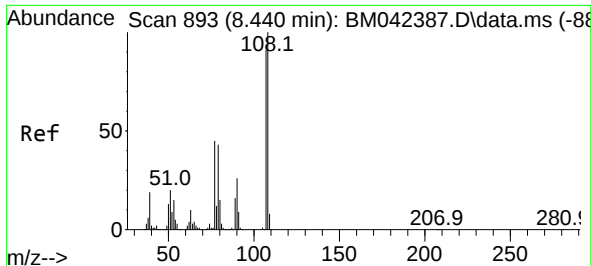
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.252 ng m
RT: 8.528 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

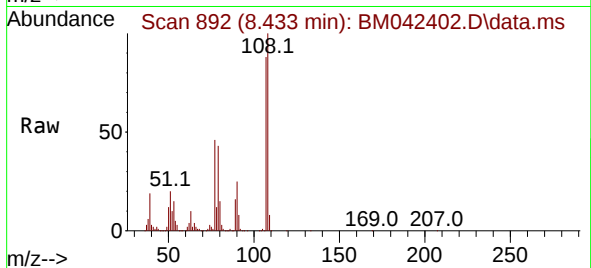
Tgt Ion: 45 Resp: 739204
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.2
79 10.8 0.0 30.4





#17
2-Methylphenol
Concen: 42.277 ng
RT: 8.433 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

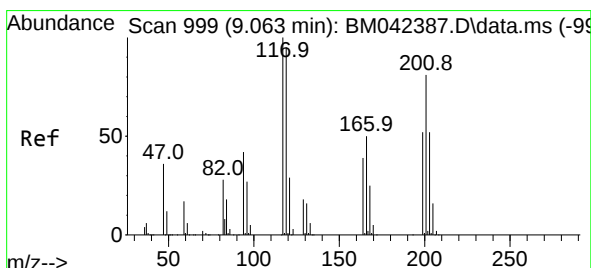
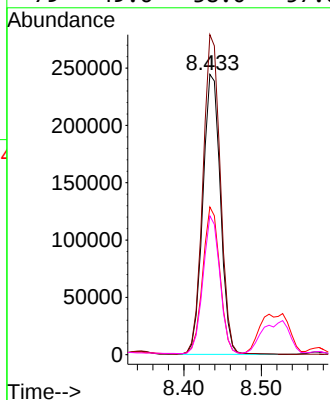
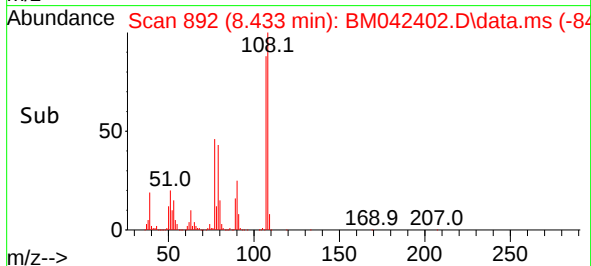
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:	107	Resp:	384810
Ion	Ratio	Lower	Upper
107	100		
108	114.2	88.2	132.4
77	52.7	40.1	60.1
79	49.6	38.0	57.0

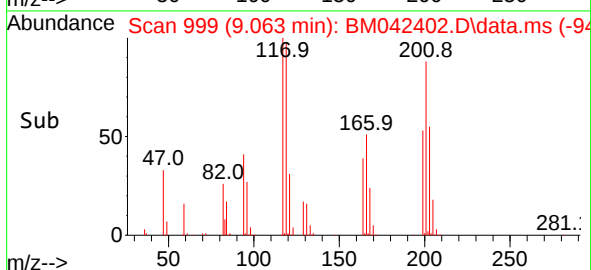
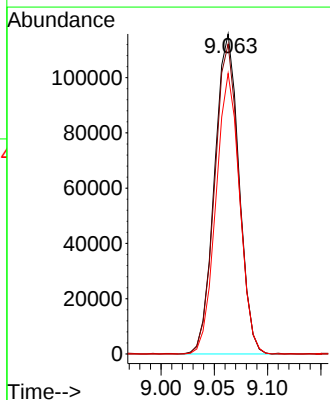
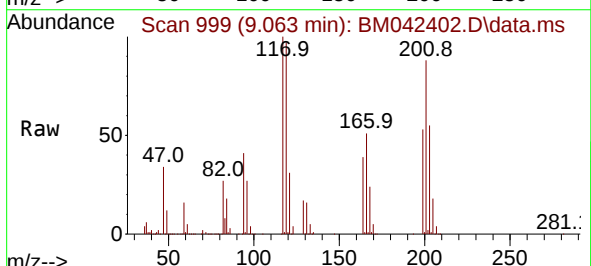
Manual Integrations
APPROVED

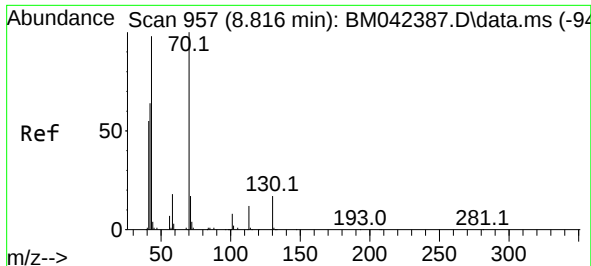
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#18
Hexachloroethane
Concen: 46.408 ng
RT: 9.063 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

Tgt Ion:	117	Resp:	183858
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.9	113.9
201	87.7	64.6	97.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.289 ng

RT: 8.810 min Scan# 957

Delta R.T. -0.006 min

Lab File: BM042402.D

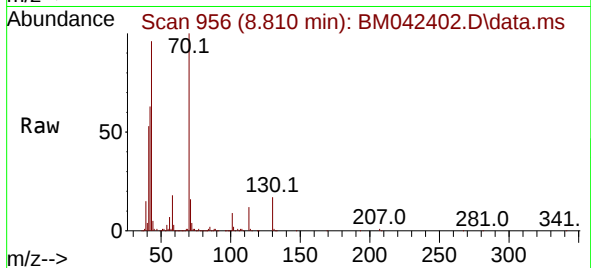
Acq: 23 Oct 2023 15:07

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MS



Tgt Ion: 70 Resp: 382619

Ion Ratio Lower Upper

70 100

42 63.4 52.1 78.1

101 8.5 6.5 9.7

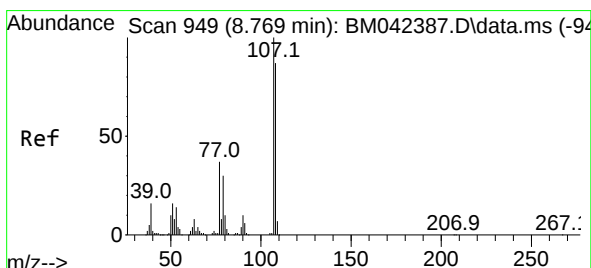
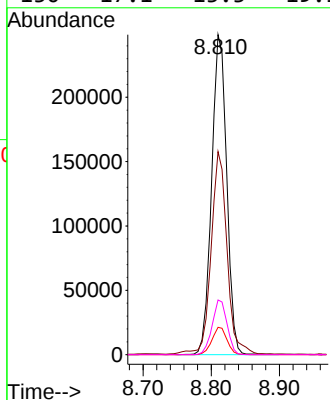
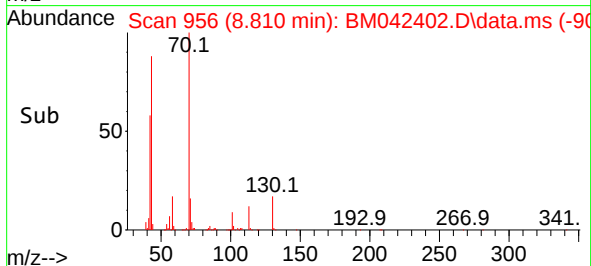
130 17.1 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#20

3+4-Methylphenols

Concen: 42.227 ng

RT: 8.769 min Scan# 949

Delta R.T. -0.000 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Tgt Ion:107 Resp: 515532

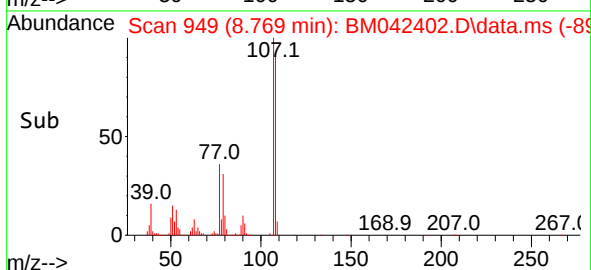
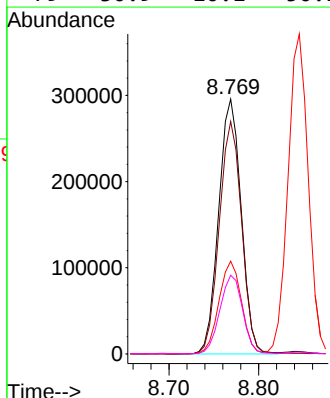
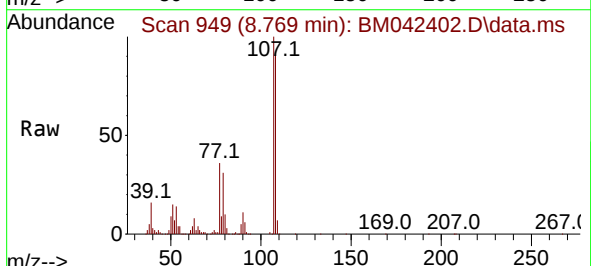
Ion Ratio Lower Upper

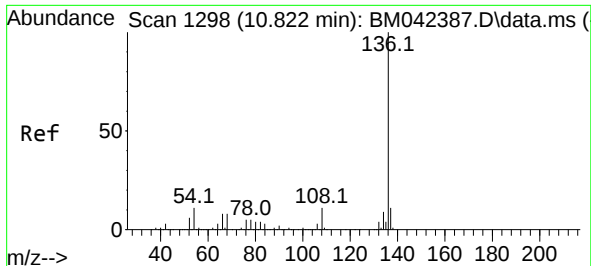
107 100

108 91.2 67.2 107.2

77 36.4 16.8 56.8

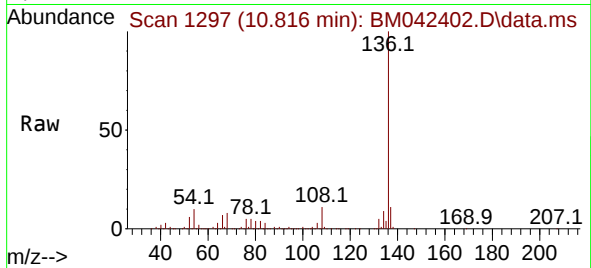
79 30.9 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

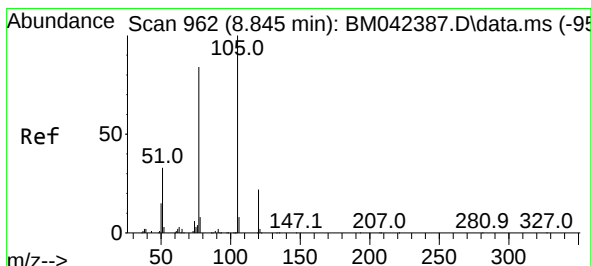
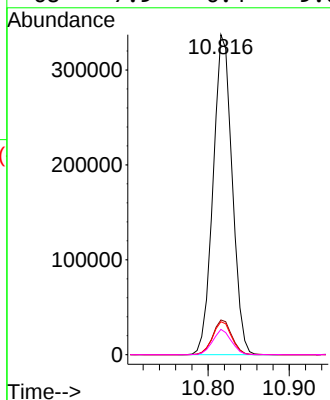
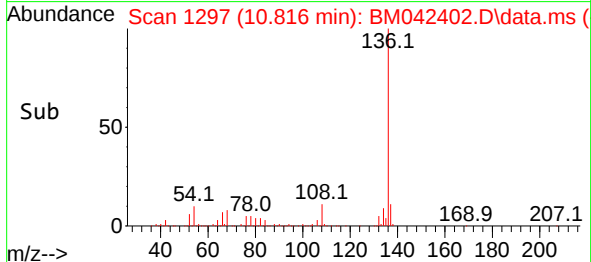
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:136 Resp: 549629
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.3 8.6 12.8
68 7.9 6.4 9.6

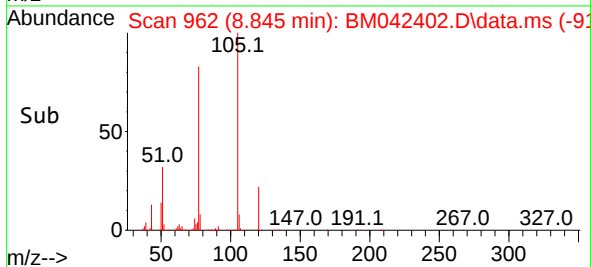
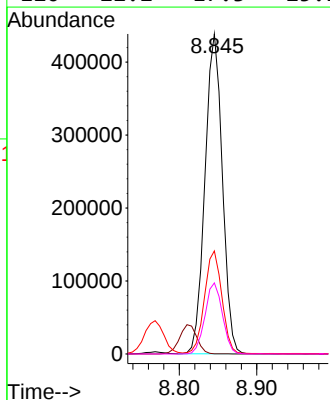
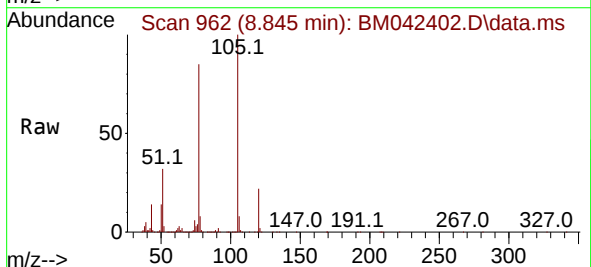
Manual Integrations
APPROVED

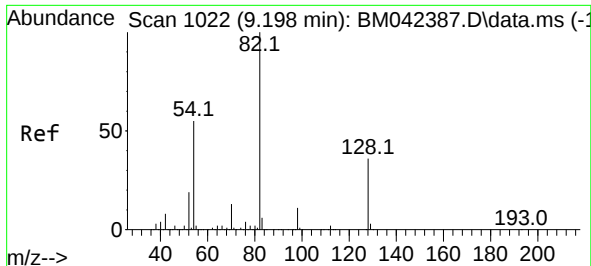
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#22
Acetophenone
Concen: 45.486 ng
RT: 8.845 min Scan# 962
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

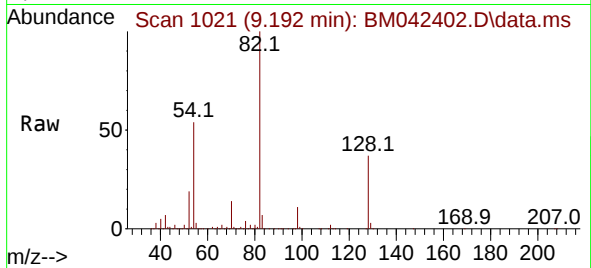
Tgt Ion:105 Resp: 682043
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 32.2 27.1 40.7
120 22.2 17.3 25.9





#23
Nitrobenzene-d5
Concen: 51.359 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

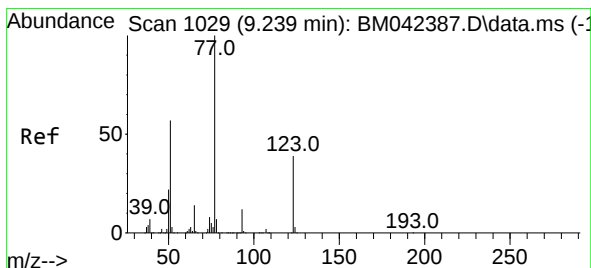
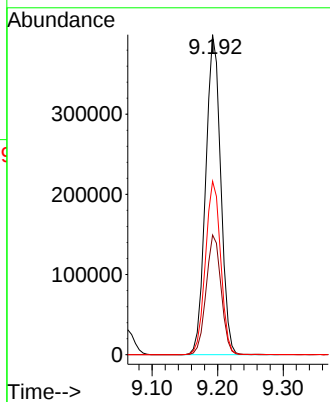
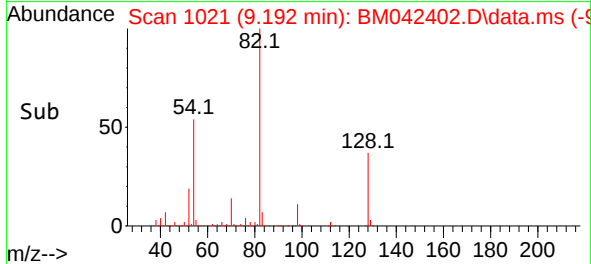
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion: 82 Resp: 638360
Ion Ratio Lower Upper
82 100
128 37.4 29.0 43.6
54 54.2 43.7 65.5

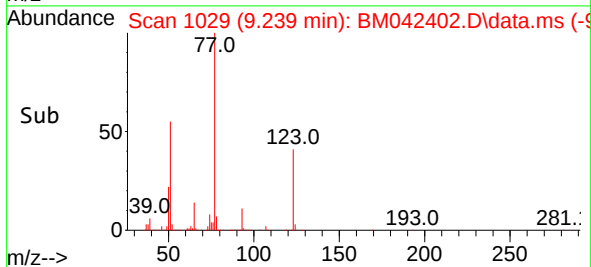
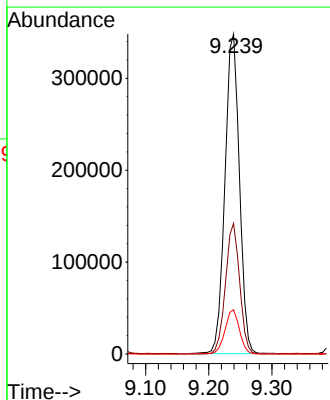
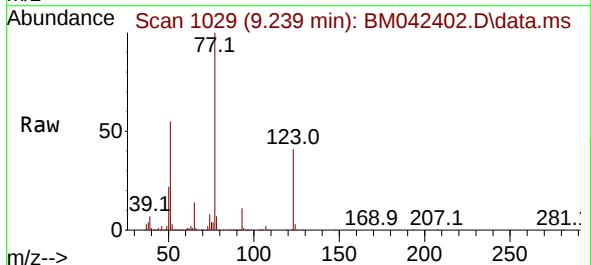
Manual Integrations
APPROVED

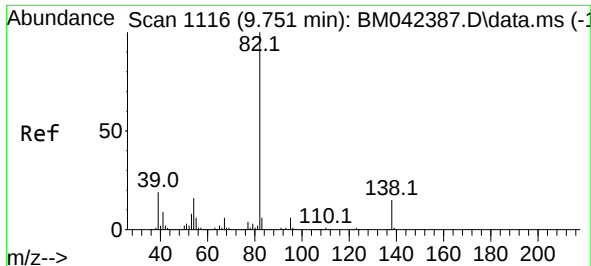
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#24
Nitrobenzene
Concen: 44.576 ng
RT: 9.239 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

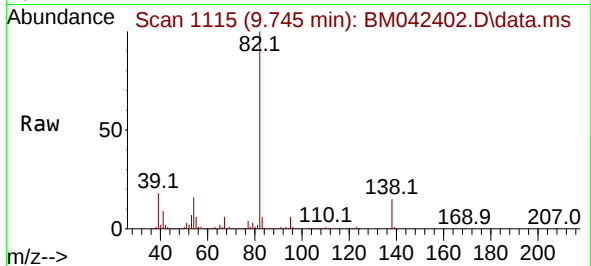
Tgt Ion: 77 Resp: 554304
Ion Ratio Lower Upper
77 100
123 40.8 31.2 46.8
65 13.8 11.4 17.0





#25
Isophorone
Concen: 46.076 ng
RT: 9.745 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

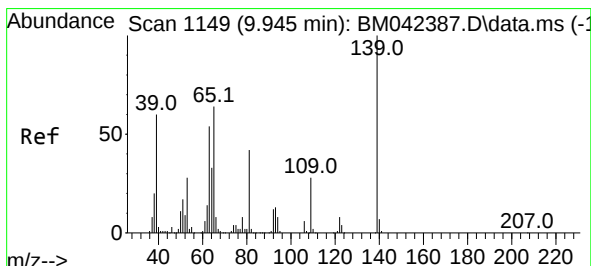
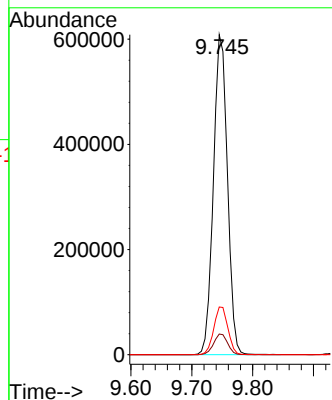
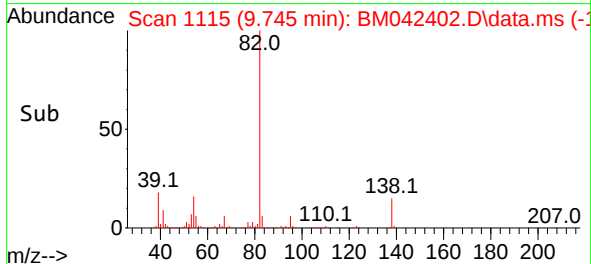
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion: 82 Resp: 97326
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.9 11.8 17.6

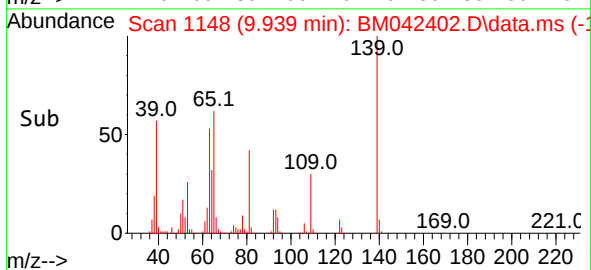
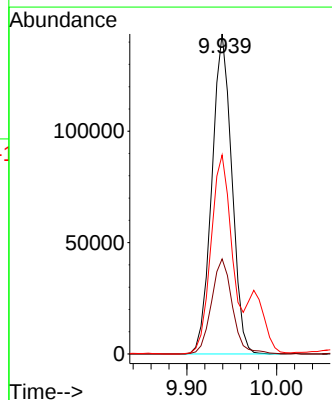
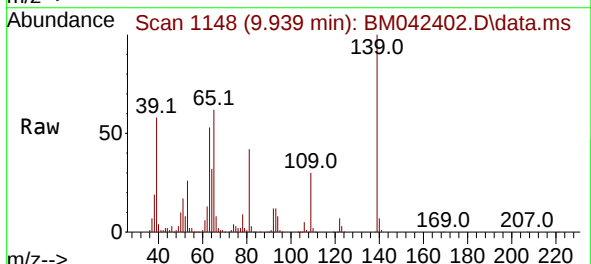
Manual Integrations
APPROVED

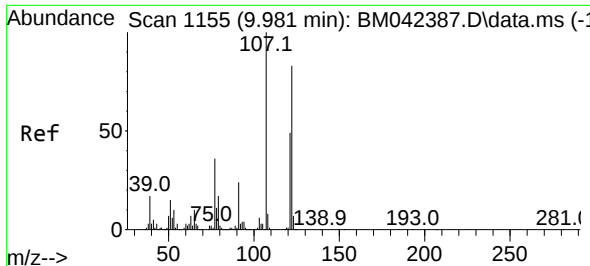
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#26
2-Nitrophenol
Concen: 46.494 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

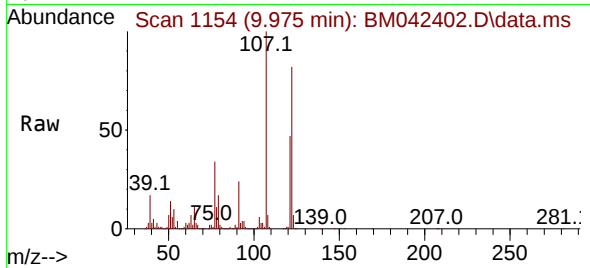
Tgt Ion:139 Resp: 222088
Ion Ratio Lower Upper
139 100
109 29.7 22.3 33.5
65 62.2 51.1 76.7





#27
2,4-Dimethylphenol
Concen: 42.341 ng
RT: 9.975 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

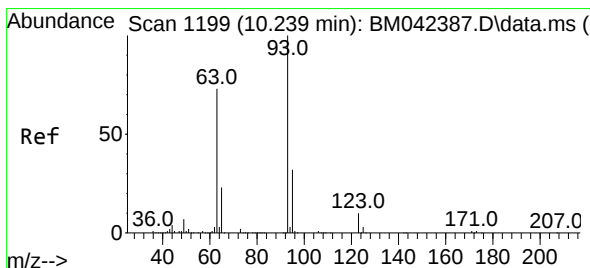
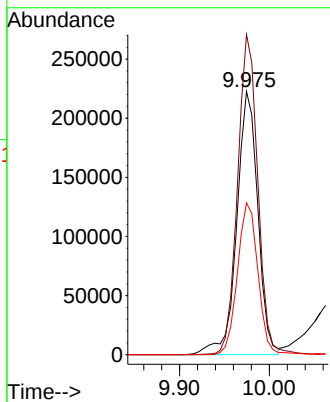
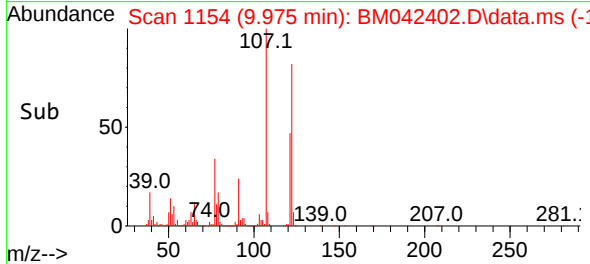
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:122 Resp: 362777
Ion Ratio Lower Upper
122 100
107 121.5 96.3 144.5
121 57.7 47.0 70.6

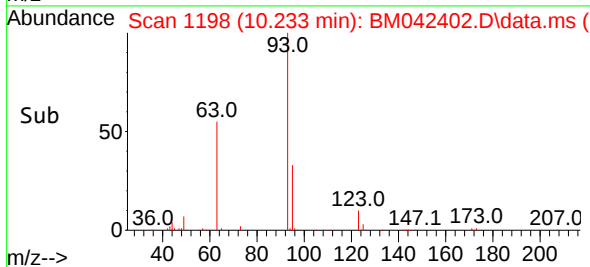
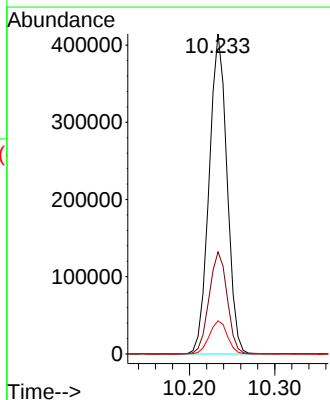
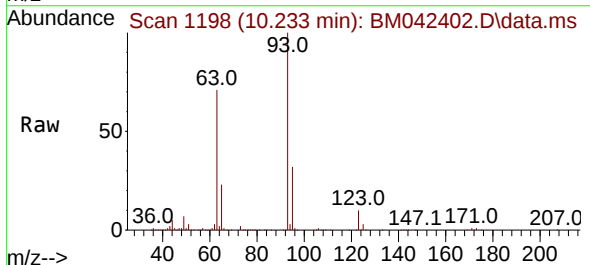
Manual Integrations
APPROVED

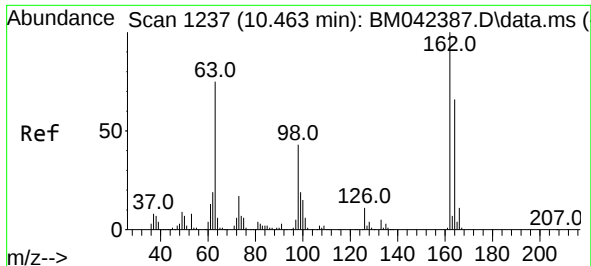
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.182 ng
RT: 10.233 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

Tgt Ion: 93 Resp: 604663
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 10.4 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 50.651 ng

RT: 10.457 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BM042402.D

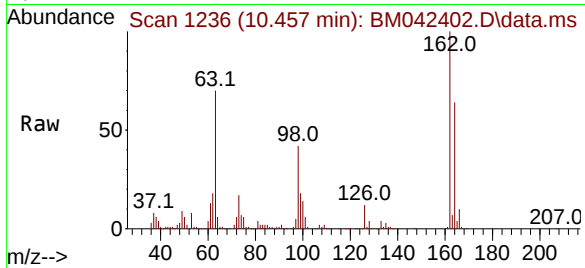
Acq: 23 Oct 2023 15:07

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MS



Tgt Ion:162 Resp: 377408

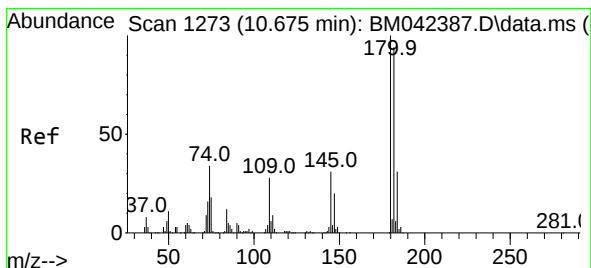
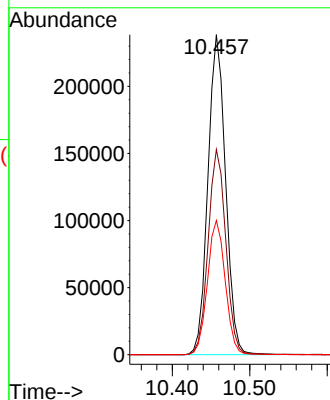
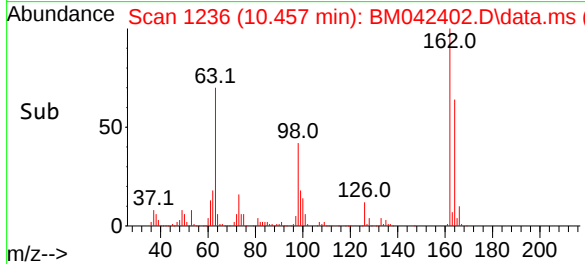
Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.9	85.9
98	42.0	23.4	63.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.933 ng

RT: 10.669 min Scan# 1272

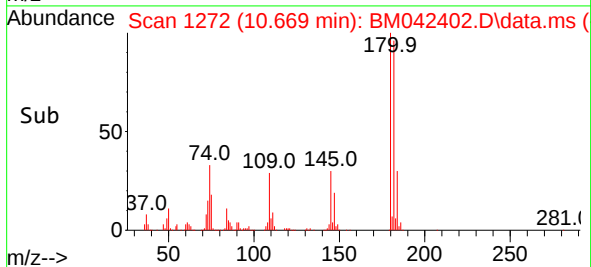
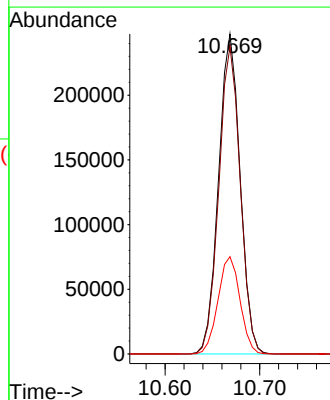
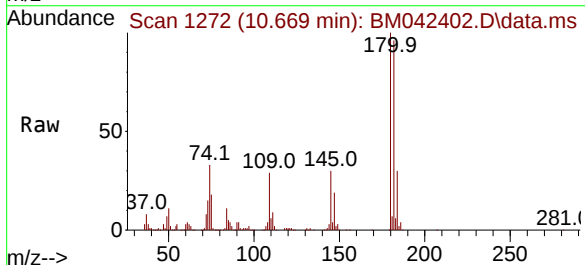
Delta R.T. -0.006 min

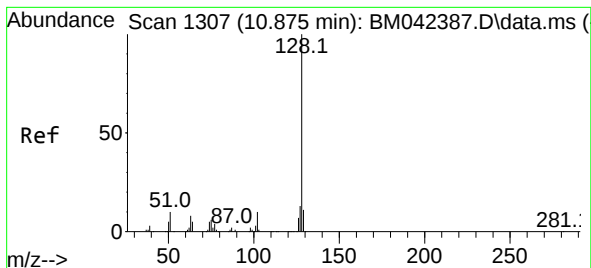
Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Tgt Ion:180 Resp: 390872

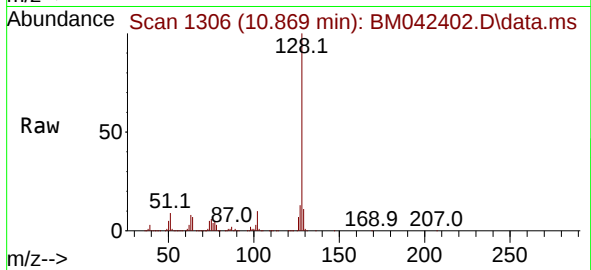
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.0	112.4
145	30.4	24.6	36.8





#31
Naphthalene
Concen: 45.884 ng
RT: 10.869 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

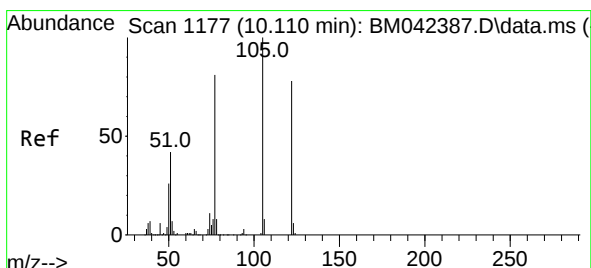
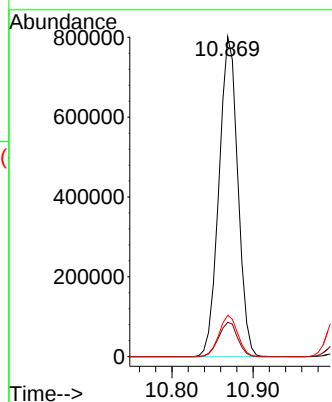
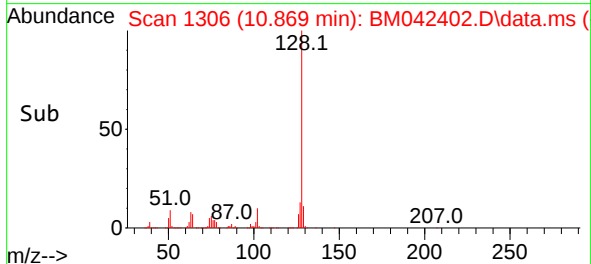
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:128 Resp: 129535
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.4 15.6

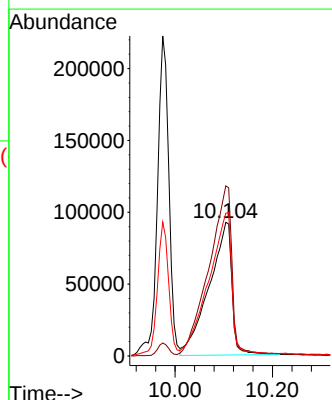
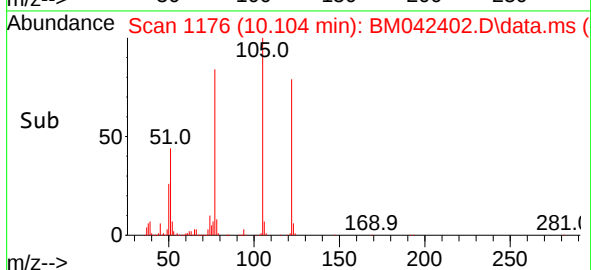
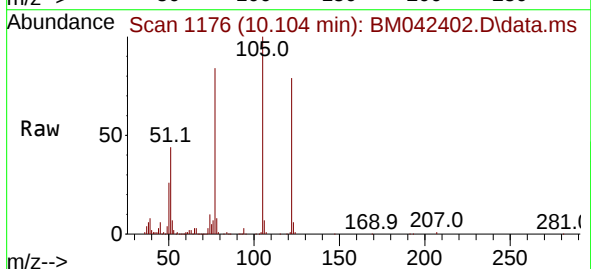
Manual Integrations
APPROVED

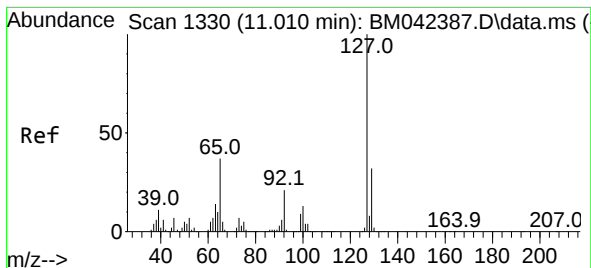
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#32
Benzoic acid
Concen: 47.902 ng
RT: 10.104 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

Tgt Ion:122 Resp: 300113
Ion Ratio Lower Upper
122 100
105 127.4 104.9 144.9
77 106.9 83.4 123.4





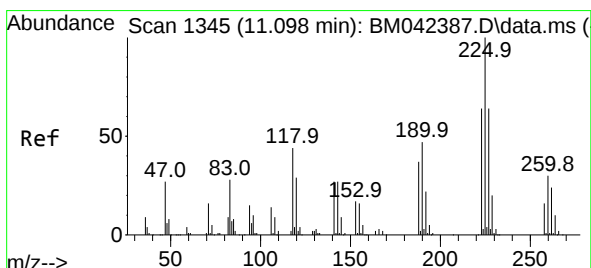
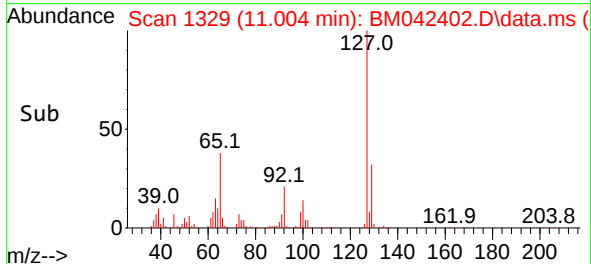
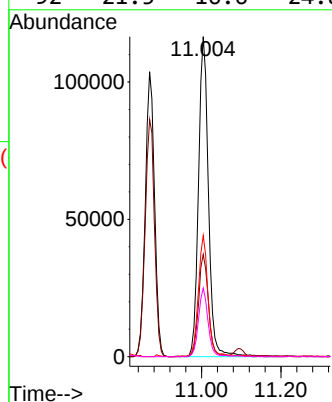
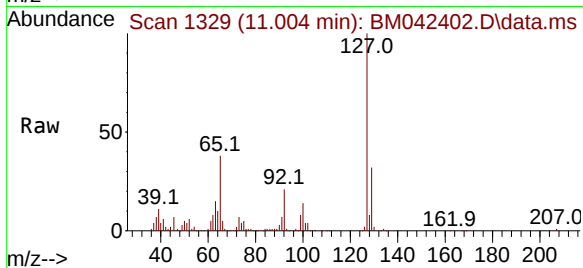
#33
4-Chloroaniline
Concen: 16.618 ng
RT: 11.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

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

Tgt Ion:127 Resp: 20368
Ion Ratio Lower Upper
127 100
129 31.9 25.3 37.9
65 37.8 29.6 44.4
92 21.5 16.6 24.8

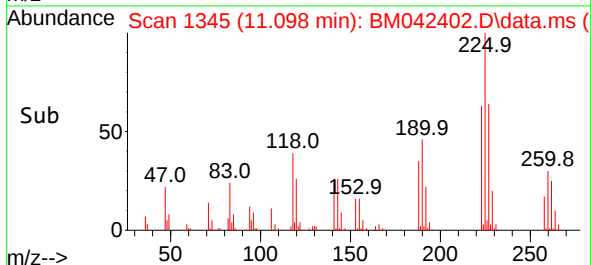
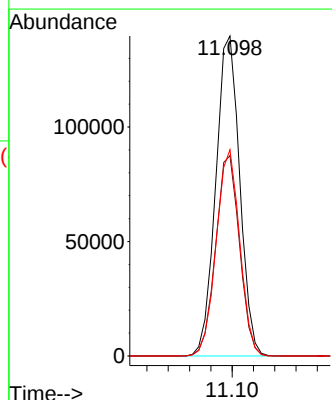
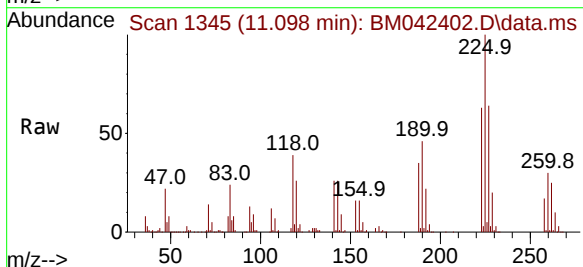
Manual Integrations
APPROVED

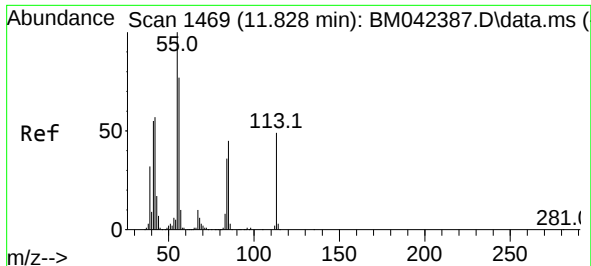
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#34
Hexachlorobutadiene
Concen: 50.388 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

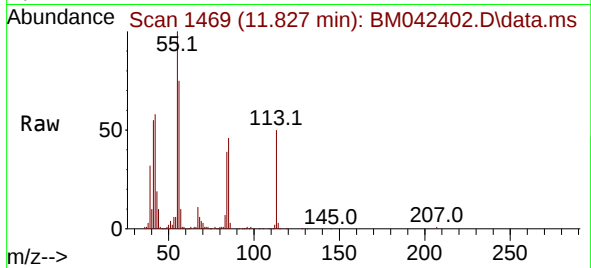
Tgt Ion:225 Resp: 217797
Ion Ratio Lower Upper
225 100
223 62.6 51.5 77.3
227 64.4 51.3 76.9





#35
Caprolactam
Concen: 43.393 ng
RT: 11.827 min Scan# 1469
Delta R.T. -0.001 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

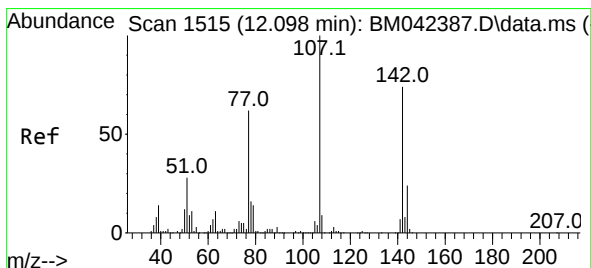
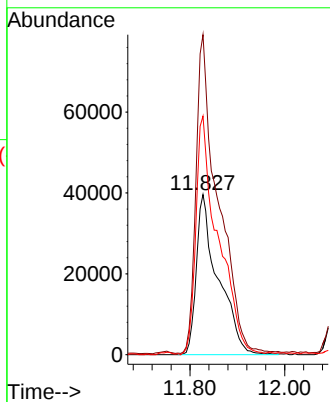
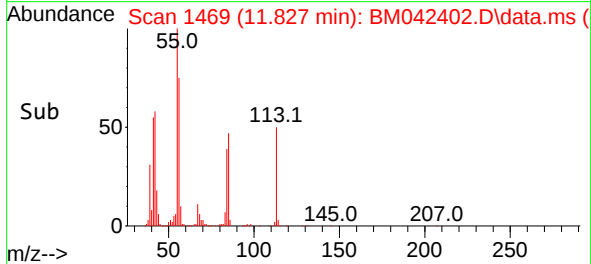
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:113 Resp: 126424
Ion Ratio Lower Upper
113 100
55 199.7 185.6 225.6
56 148.8 137.8 177.8

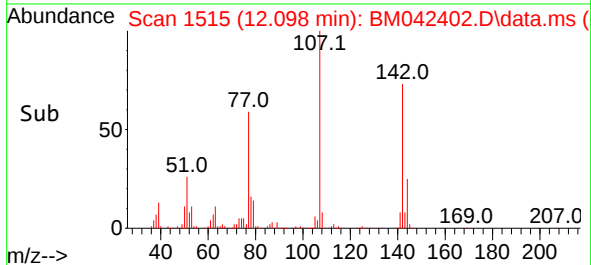
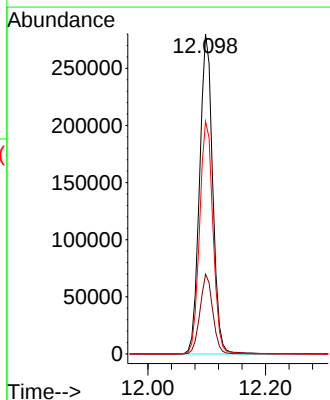
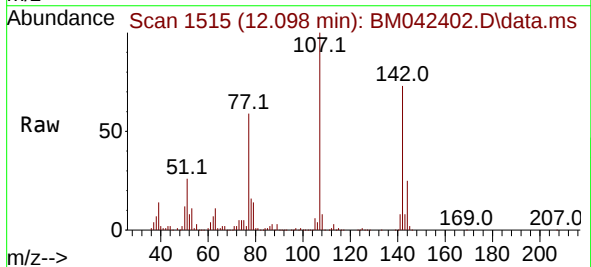
Manual Integrations
APPROVED

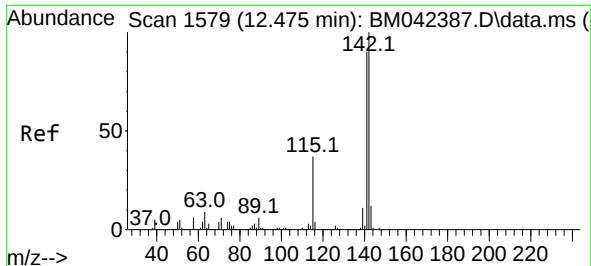
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#36
4-Chloro-3-methylphenol
Concen: 48.215 ng
RT: 12.098 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

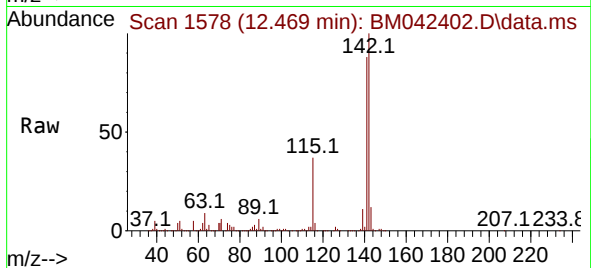
Tgt Ion:107 Resp: 433533
Ion Ratio Lower Upper
107 100
144 25.0 18.9 28.3
142 72.7 59.2 88.8





#37
2-Methylnaphthalene
Concen: 44.086 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

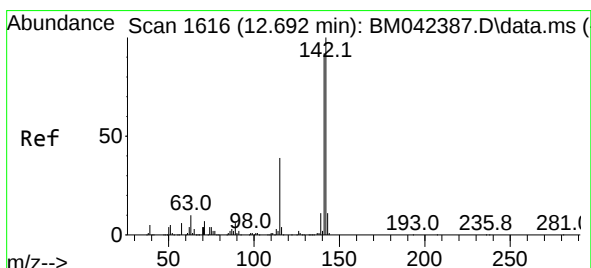
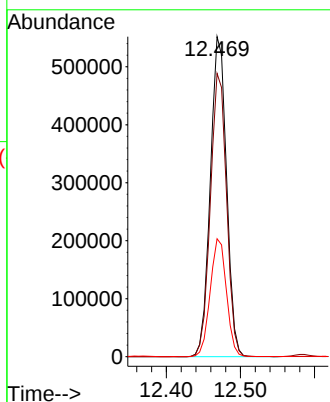
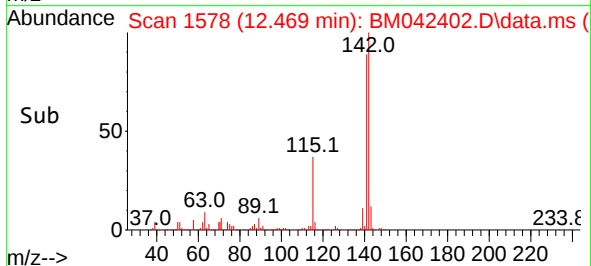
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



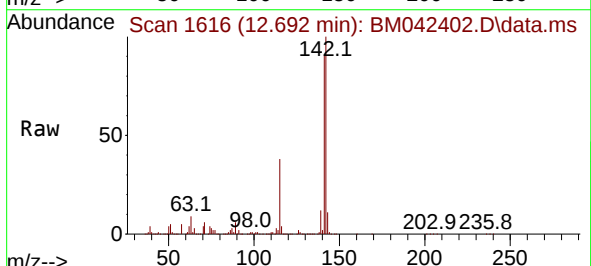
Tgt Ion:142 Resp: 837830
Ion Ratio Lower Upper
142 100
141 88.5 72.0 108.0
115 36.9 29.4 44.2

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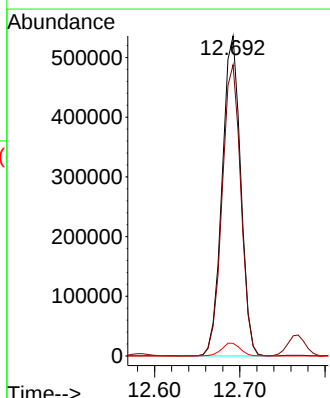
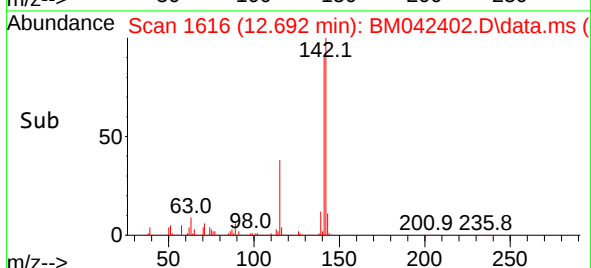
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

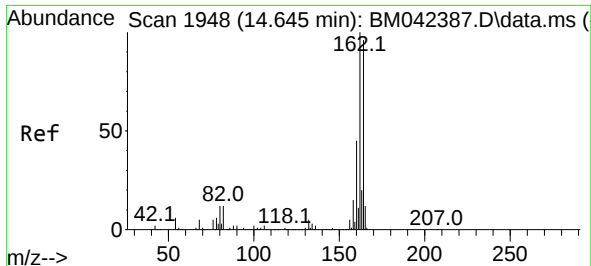


#38
1-Methylnaphthalene
Concen: 45.548 ng
RT: 12.692 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



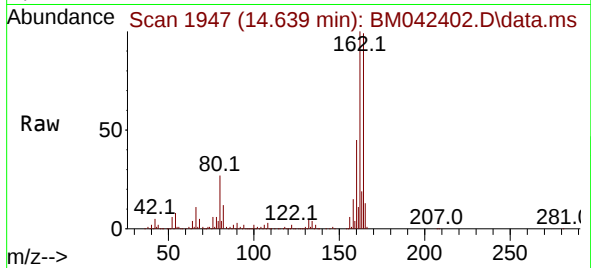
Tgt Ion:142 Resp: 810920
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6
116 3.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

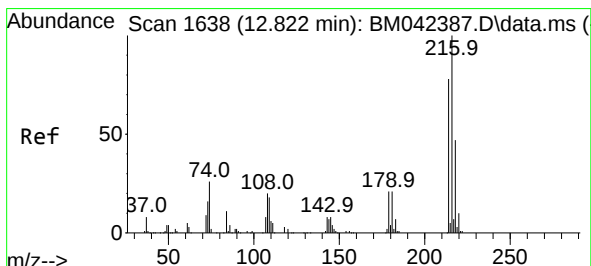
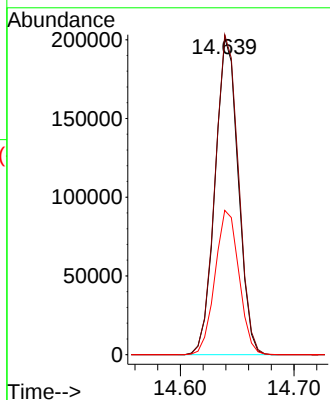
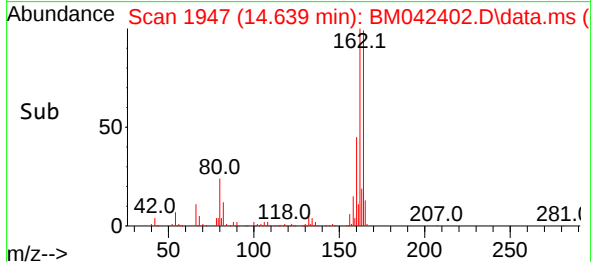
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:164 Resp: 284770
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.4
160 45.5 37.0 55.4

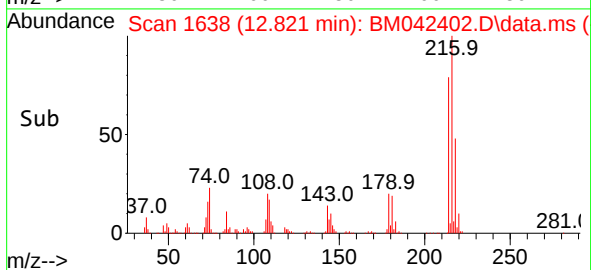
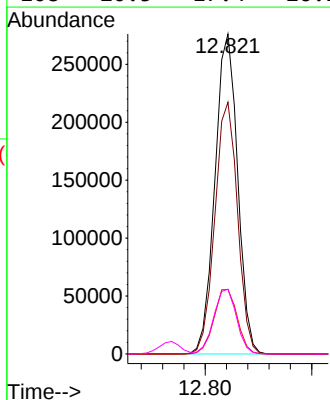
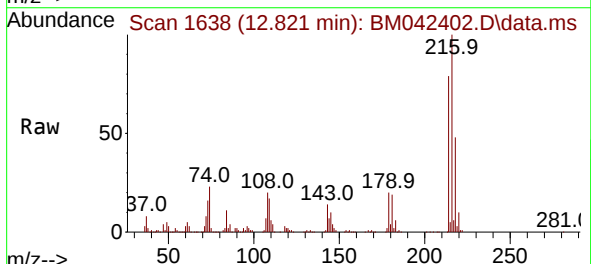
Manual Integrations
APPROVED

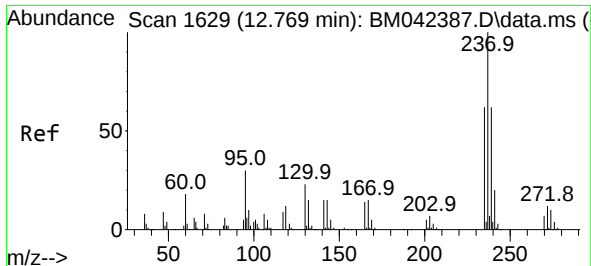
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.483 ng
RT: 12.821 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

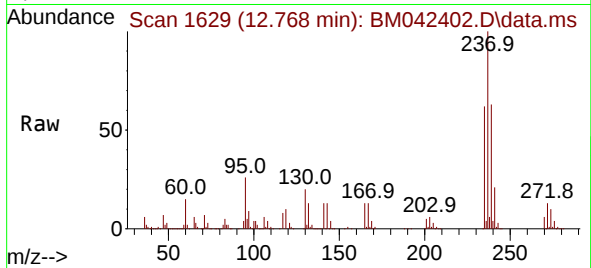
Tgt Ion:216 Resp: 407381
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 20.8 17.2 25.8
108 20.5 17.4 26.2





#41
Hexachlorocyclopentadiene
Concen: 81.190 ng
RT: 12.768 min Scan# 1629
Delta R.T. -0.001 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

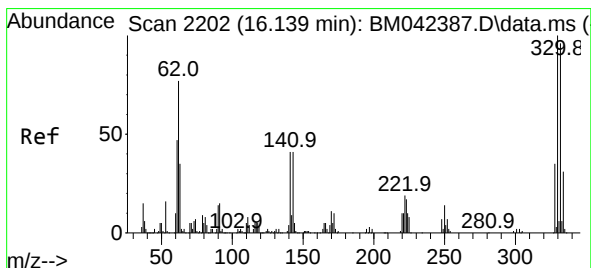
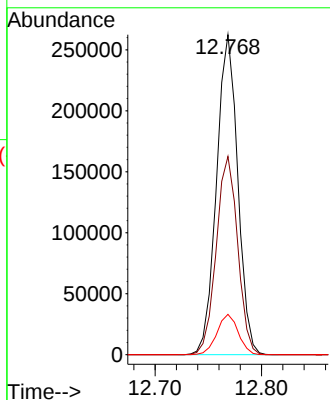
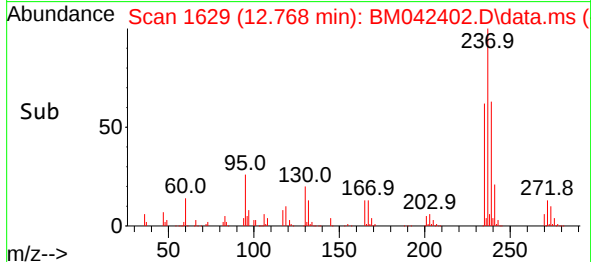
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



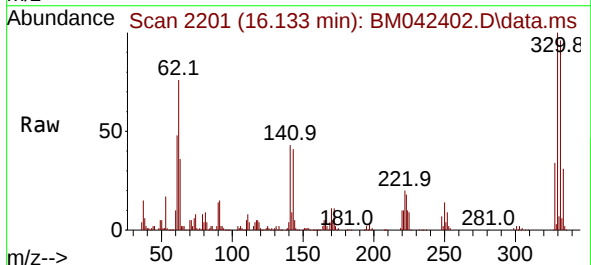
Tgt Ion:237 Resp: 362740
Ion Ratio Lower Upper
237 100
235 62.0 41.5 81.5
272 12.6 0.0 32.2

Manual Integrations
APPROVED

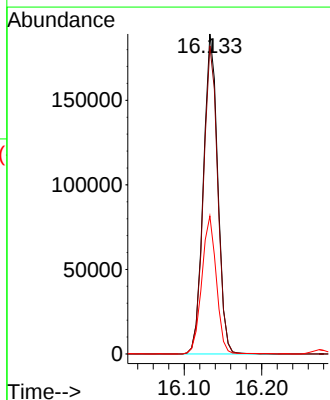
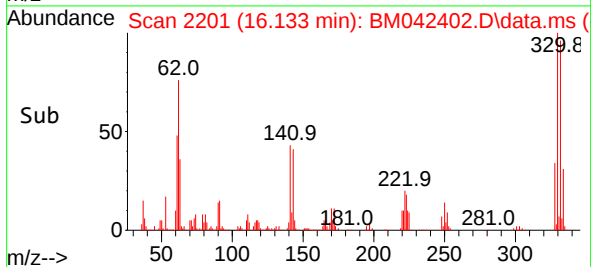
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

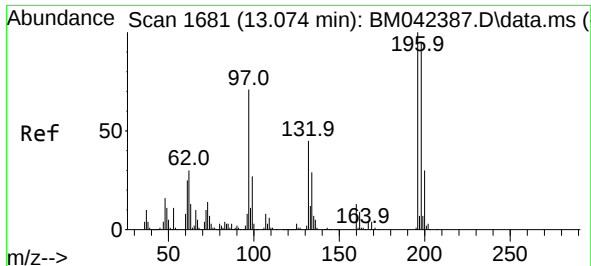


#42
2,4,6-Tribromophenol
Concen: 80.929 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



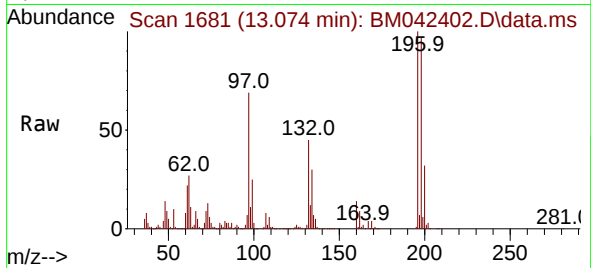
Tgt Ion:330 Resp: 242708
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 43.6 38.0 57.0





#43
2,4,6-Trichlorophenol
Concen: 51.349 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

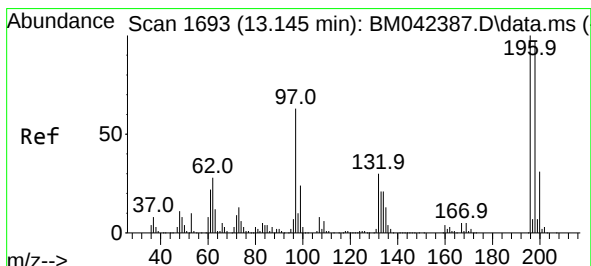
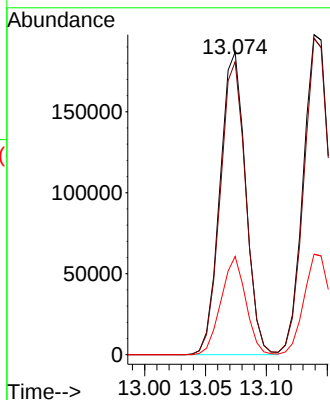
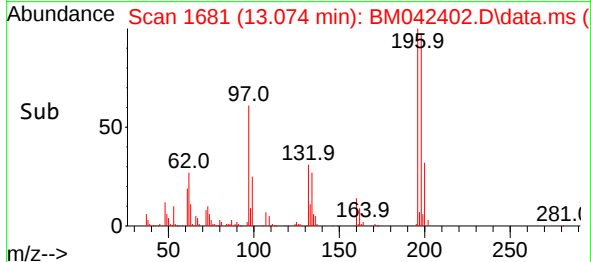
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



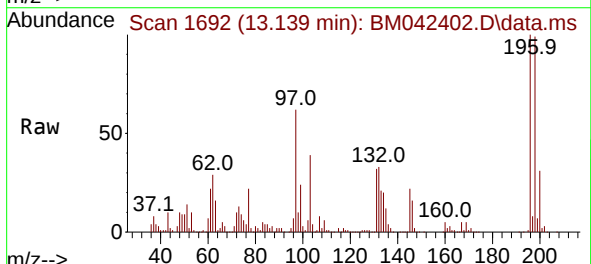
Tgt Ion:196 Resp: 273662
Ion Ratio Lower Upper
196 100
198 96.8 76.3 114.5
200 32.4 24.3 36.5

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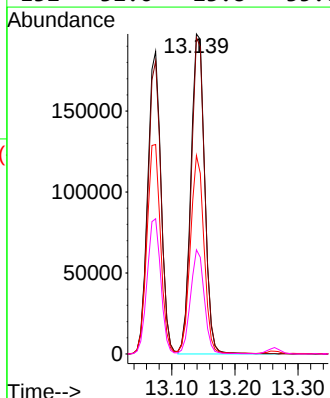
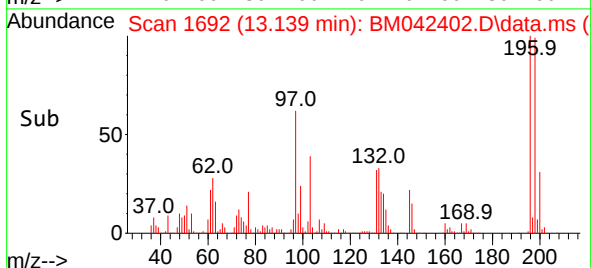
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

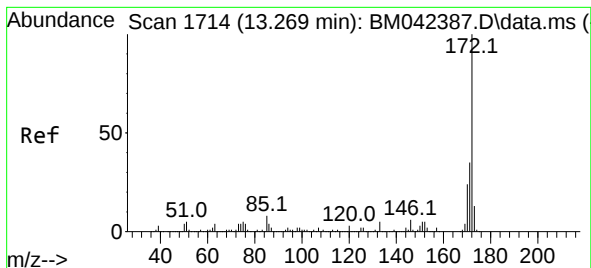


#44
2,4,5-Trichlorophenol
Concen: 47.641 ng
RT: 13.139 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



Tgt Ion:196 Resp: 300138
Ion Ratio Lower Upper
196 100
198 98.8 77.9 116.9
97 62.0 50.9 76.3
132 32.6 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 51.878 ng

RT: 13.263 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MS

Tgt Ion:172 Resp: 1097098

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

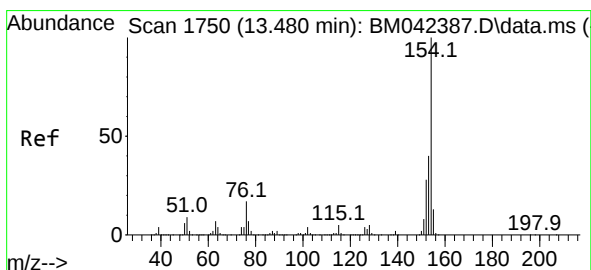
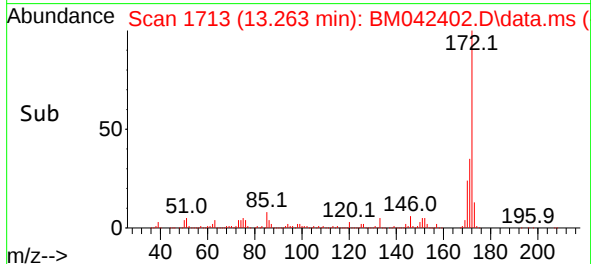
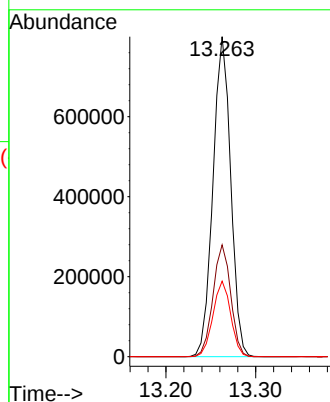
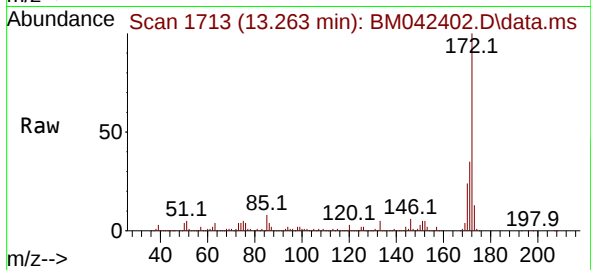
170 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#46

1,1'-Biphenyl

Concen: 47.552 ng

RT: 13.480 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

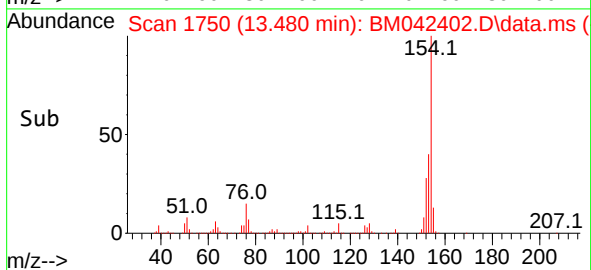
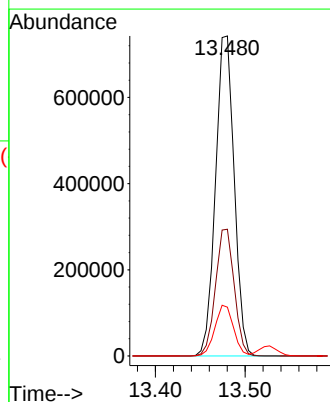
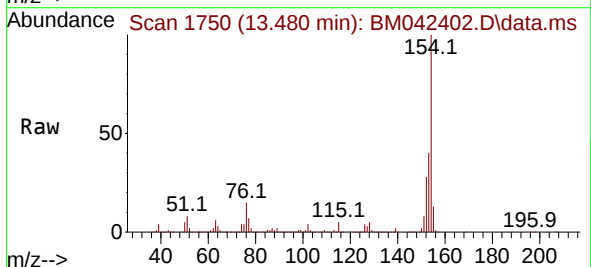
Tgt Ion:154 Resp: 1074272

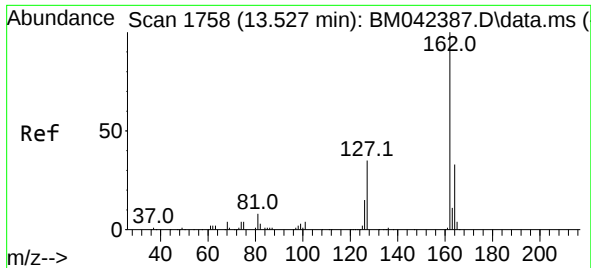
Ion Ratio Lower Upper

154 100

153 39.6 19.9 59.9

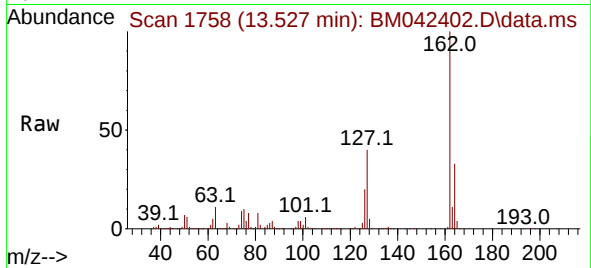
76 15.3 0.0 36.9





#47
2-Chloronaphthalene
Concen: 48.785 ng
RT: 13.527 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

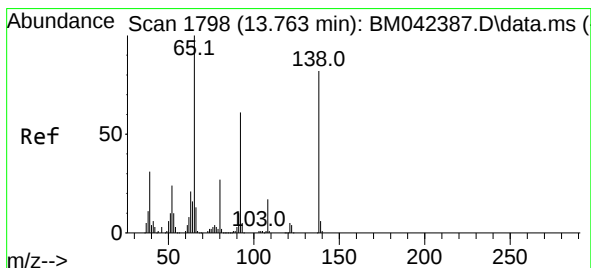
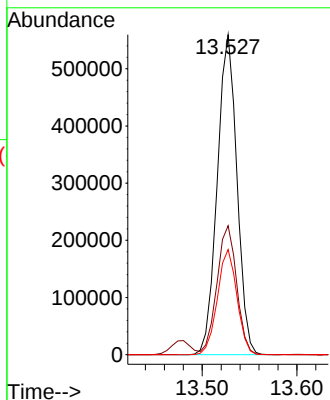
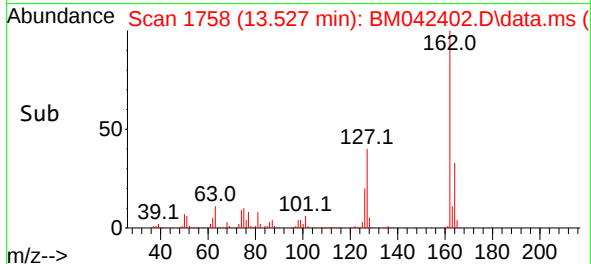
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:162 Resp: 80857
Ion Ratio Lower Upper
162 100
127 40.3 32.2 48.2
164 32.9 26.2 39.2

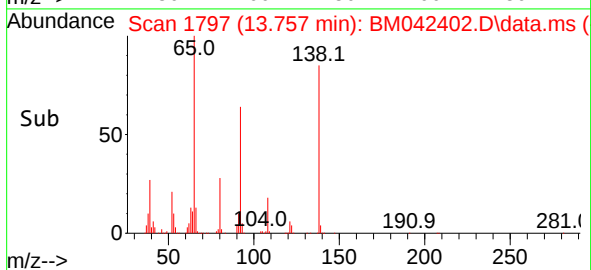
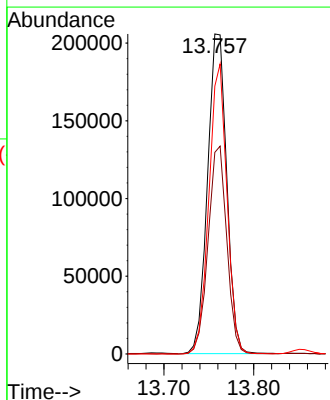
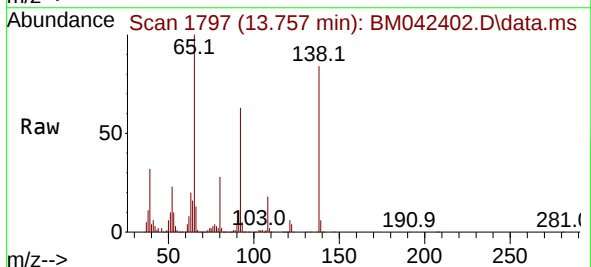
Manual Integrations
APPROVED

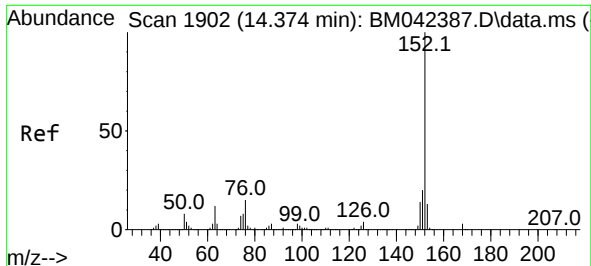
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#48
2-Nitroaniline
Concen: 42.128 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

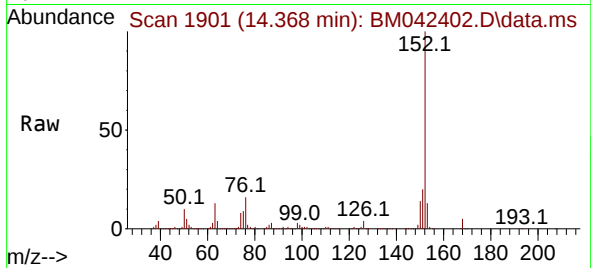
Tgt Ion: 65 Resp: 304959
Ion Ratio Lower Upper
65 100
92 63.0 49.0 73.6
138 83.7 65.5 98.3





#49
Acenaphthylene
Concen: 49.748 ng
RT: 14.368 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

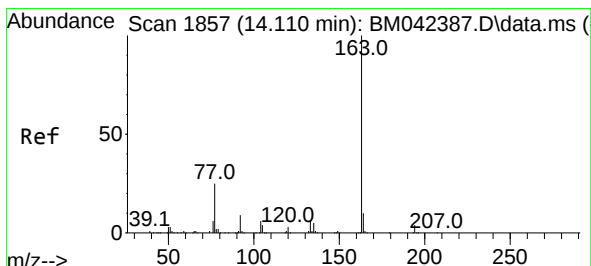
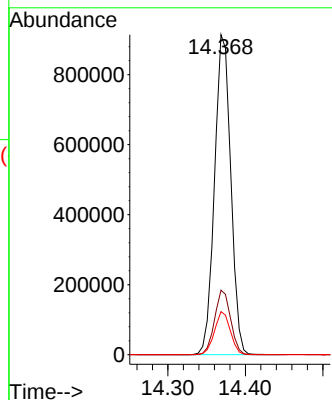
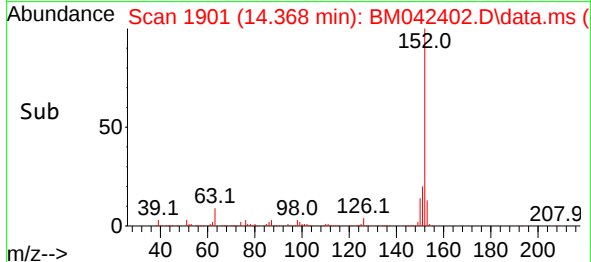
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:152 Resp: 133114
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.5 15.7

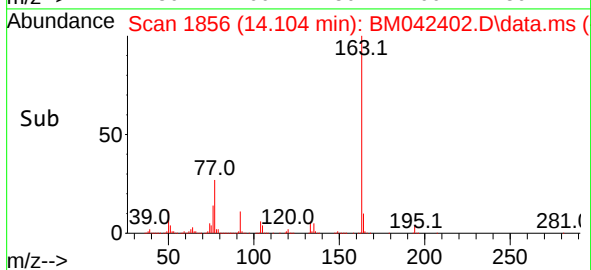
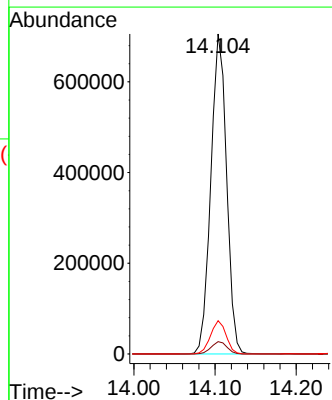
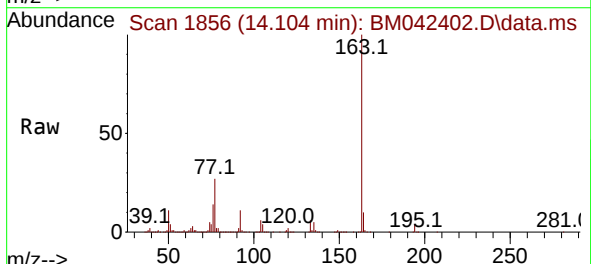
Manual Integrations
APPROVED

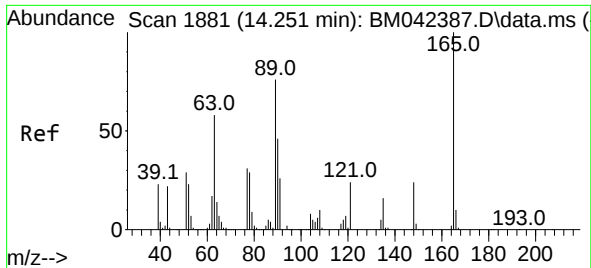
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#50
Dimethylphthalate
Concen: 45.432 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

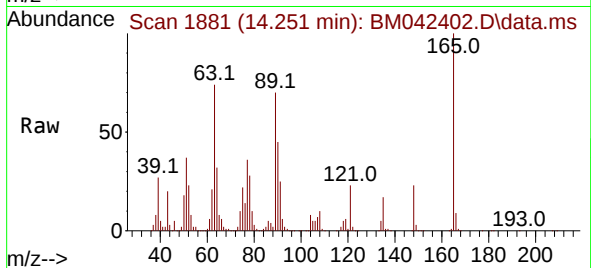
Tgt Ion:163 Resp: 949005
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.800 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

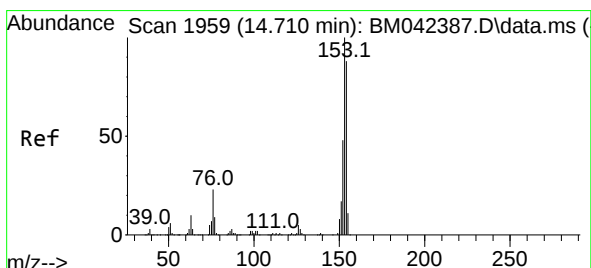
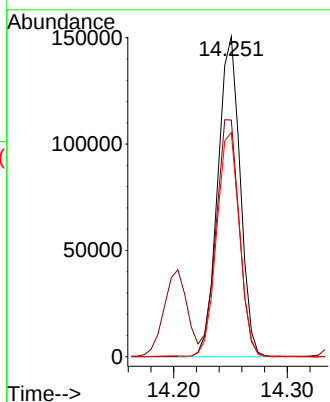
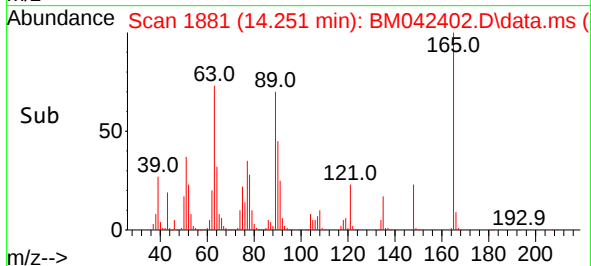
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:165 Resp: 205310
Ion Ratio Lower Upper
165 100
63 74.0 65.3 97.9
89 70.0 60.6 91.0

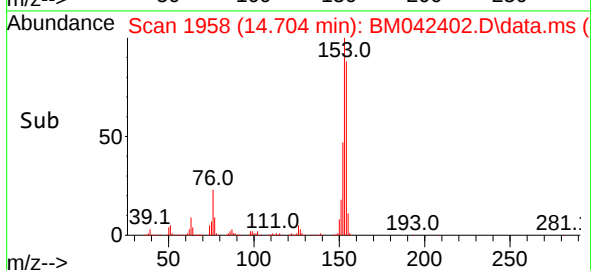
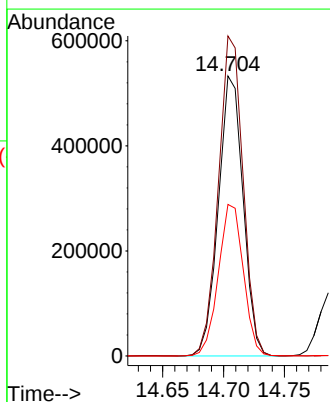
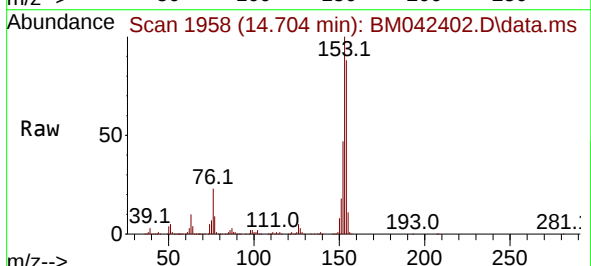
Manual Integrations
APPROVED

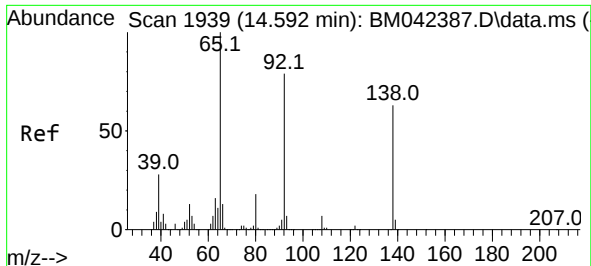
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#52
Acenaphthene
Concen: 46.520 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

Tgt Ion:154 Resp: 752560
Ion Ratio Lower Upper
154 100
153 114.3 91.1 136.7
152 54.1 44.0 66.0





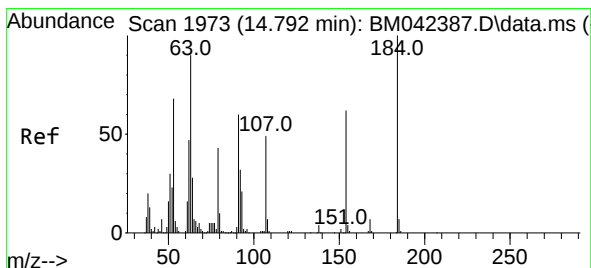
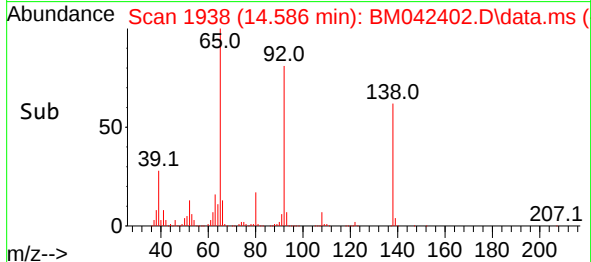
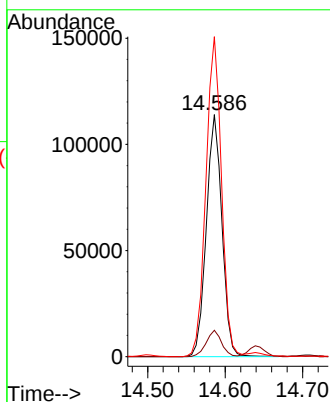
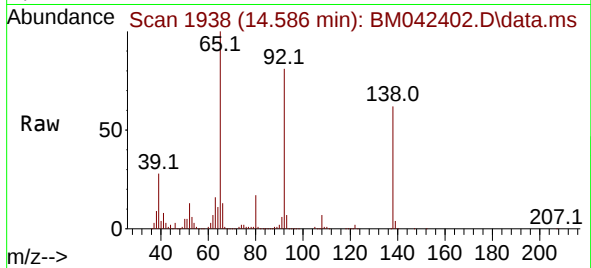
#53
3-Nitroaniline
Concen: 29.860 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

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

Tgt Ion:138 Resp: 15959
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 132.2 100.6 151.0

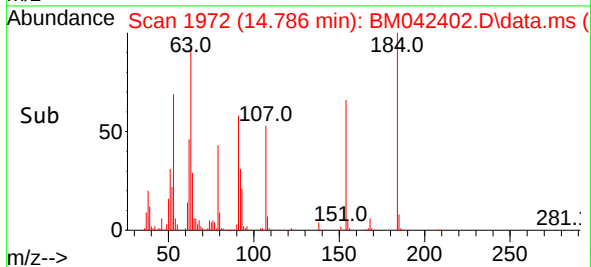
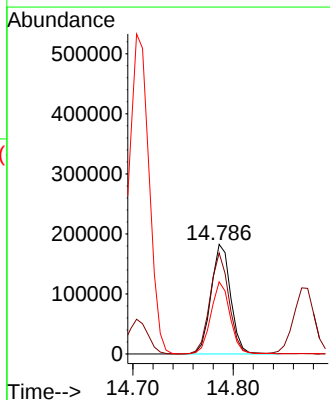
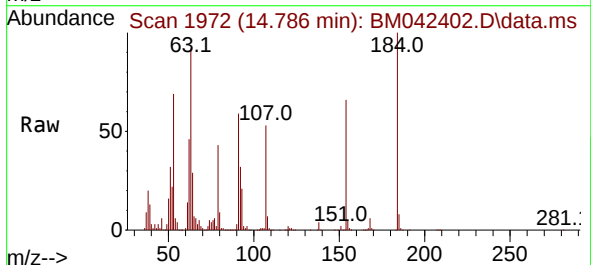
Manual Integrations
APPROVED

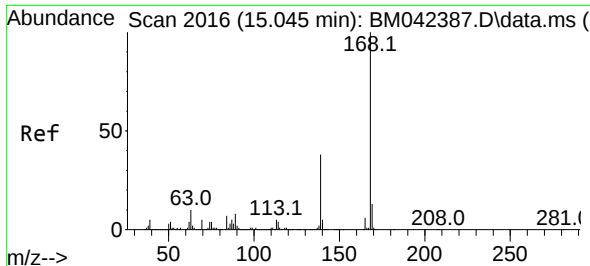
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#54
2,4-Dinitrophenol
Concen: 83.967 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

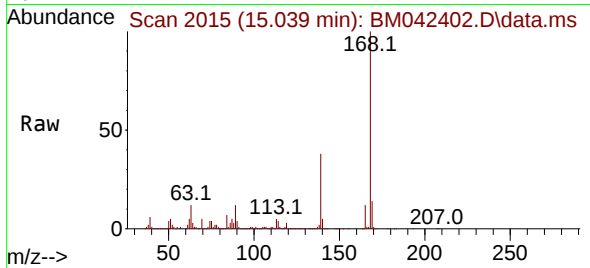
Tgt Ion:184 Resp: 246629
Ion Ratio Lower Upper
184 100
63 92.1 72.2 108.2
154 65.9 49.6 74.4





#55
Dibenzenofuran
Concen: 46.411 ng
RT: 15.039 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

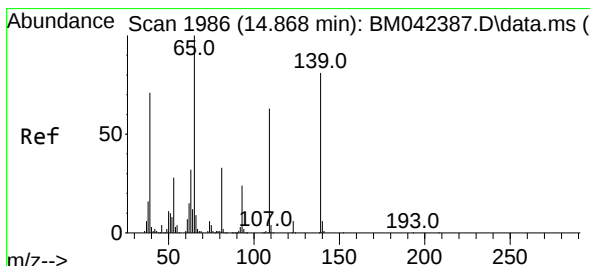
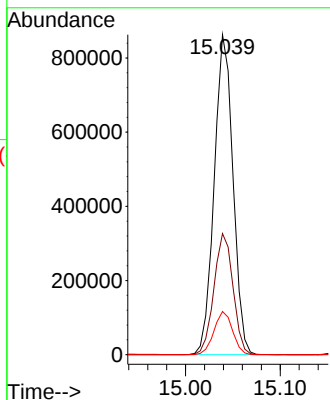
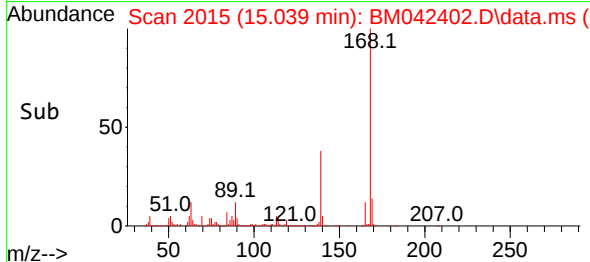
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:168 Resp: 118752
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 13.5 10.4 15.6

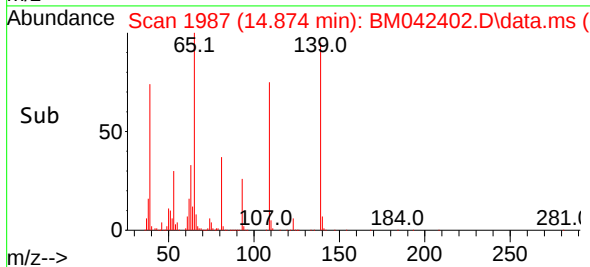
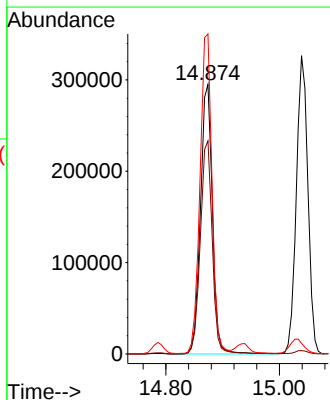
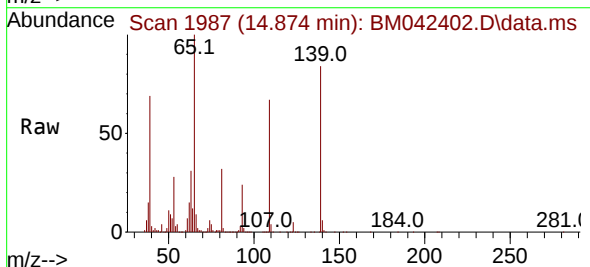
Manual Integrations
APPROVED

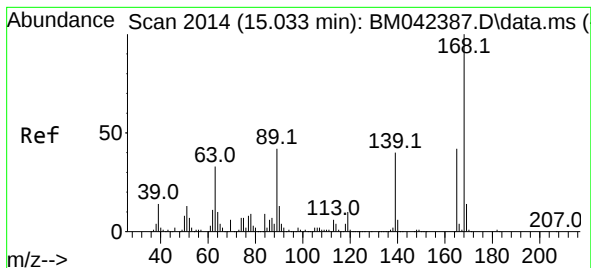
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#56
4-Nitrophenol
Concen: 101.217 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

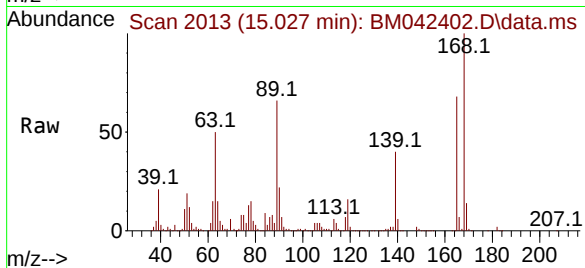
Tgt Ion:139 Resp: 430606
Ion Ratio Lower Upper
139 100
109 79.1 58.0 98.0
65 118.8 104.2 144.2





#57
2,4-Dinitrotoluene
Concen: 44.107 ng
RT: 15.027 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

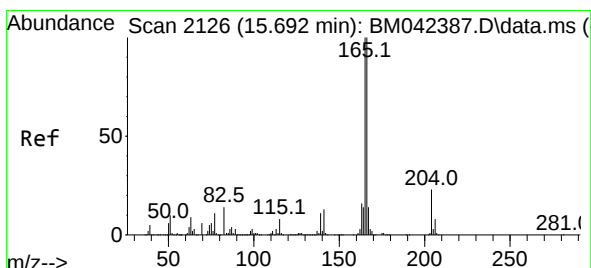
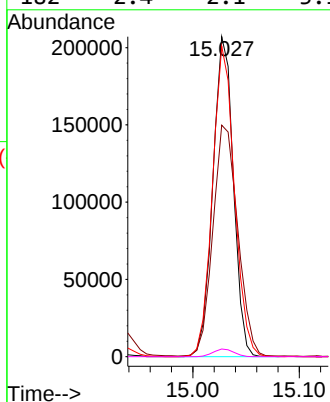
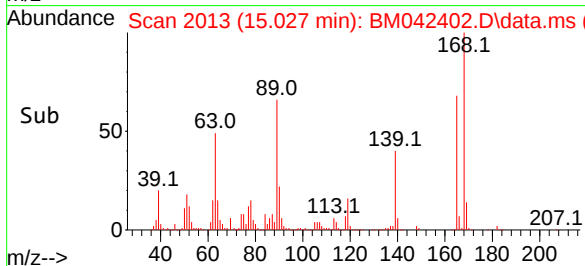
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:165 Resp: 275960
Ion Ratio Lower Upper
165 100
63 72.4 62.9 94.3
89 97.0 80.2 120.2
182 2.4 2.1 3.1

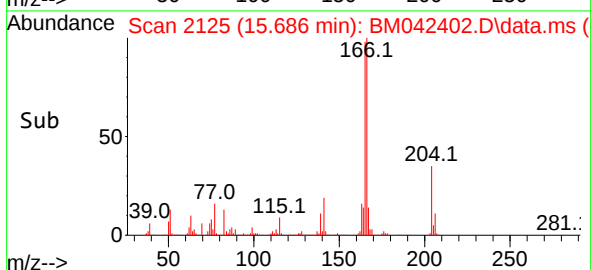
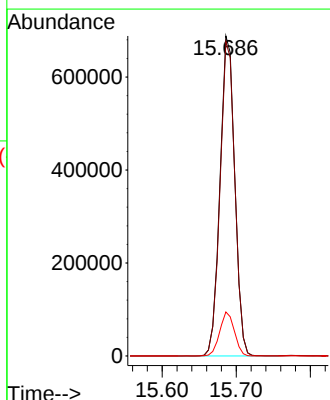
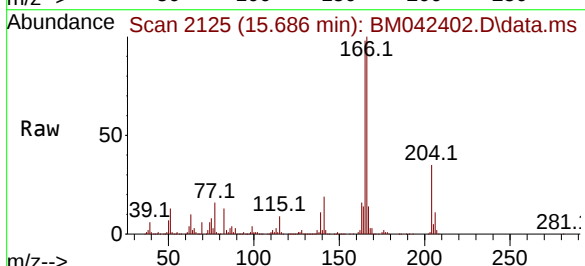
Manual Integrations
APPROVED

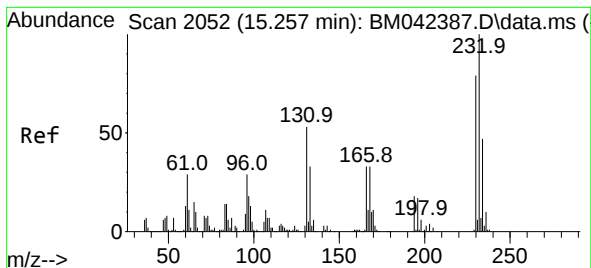
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#58
Fluorene
Concen: 47.210 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

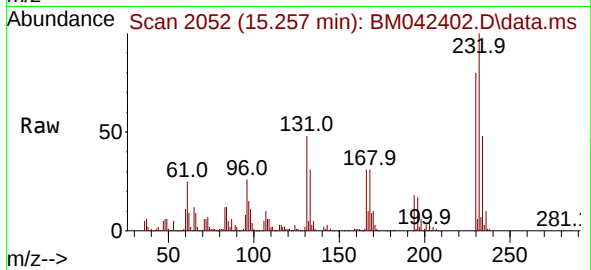
Tgt Ion:166 Resp: 953194
Ion Ratio Lower Upper
166 100
165 98.3 79.6 119.4
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.353 ng
RT: 15.257 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

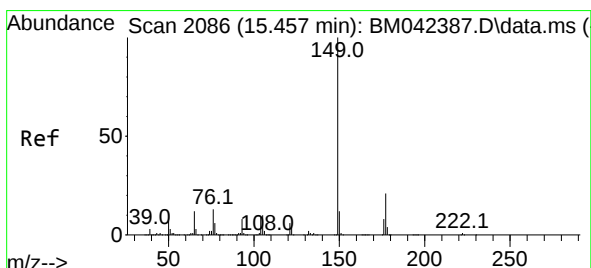
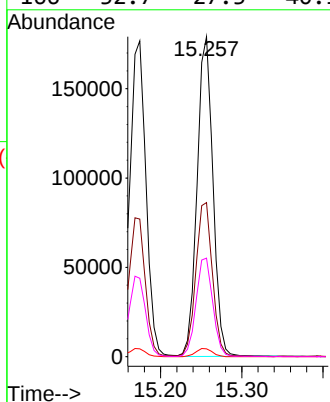
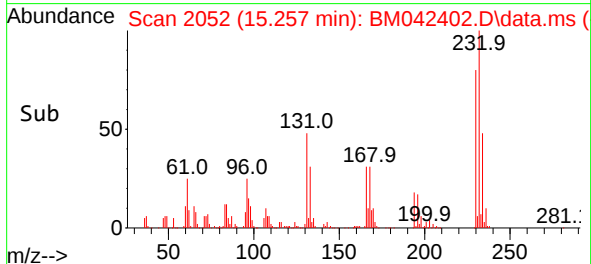
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



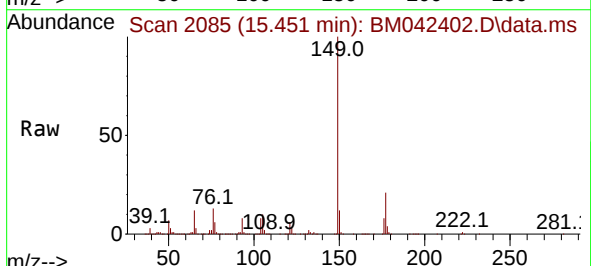
Tgt Ion:232 Resp: 243040
Ion Ratio Lower Upper
232 100
131 50.7 42.8 64.2
130 2.7 2.2 3.2
166 32.7 27.3 40.9

Manual Integrations
APPROVED

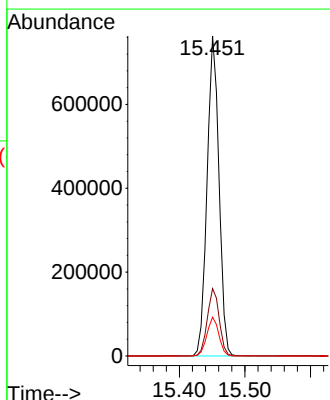
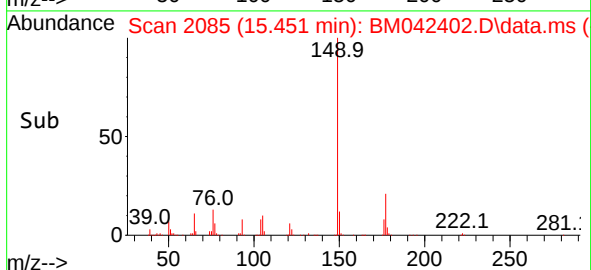
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

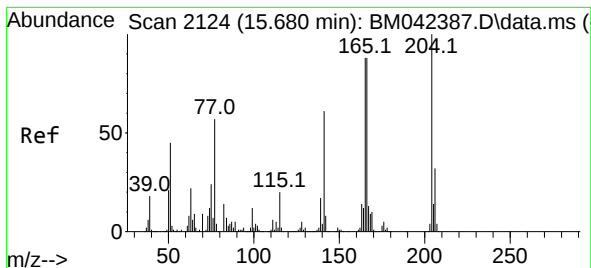


#60
Diethylphthalate
Concen: 46.700 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



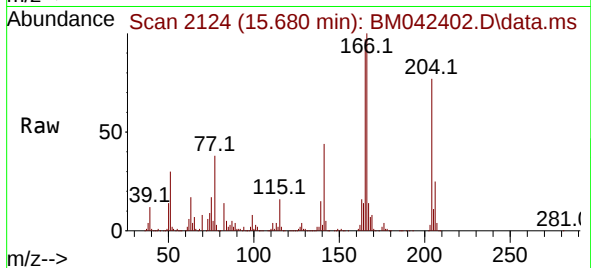
Tgt Ion:149 Resp: 962651
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 47.907 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

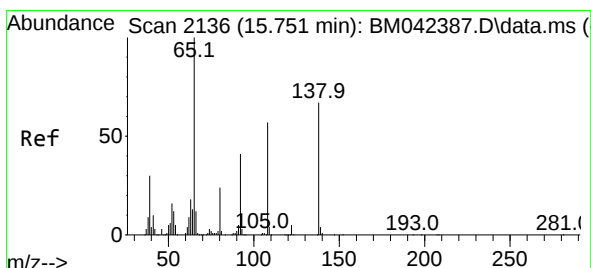
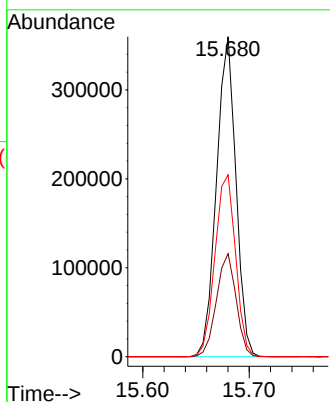
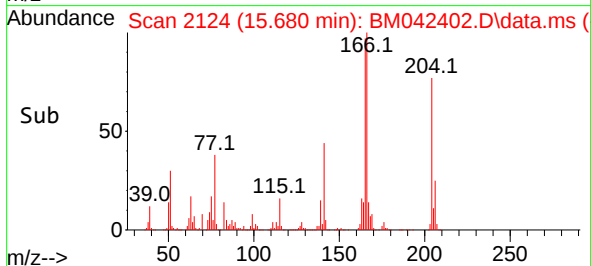
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:204 Resp: 455529
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 56.9 49.1 73.7

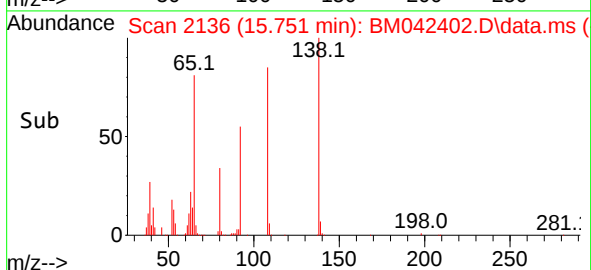
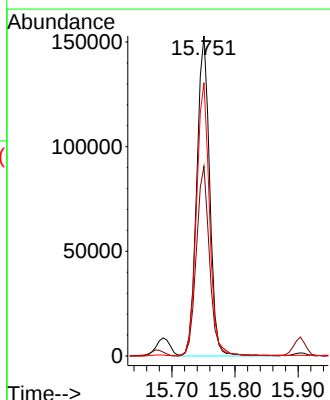
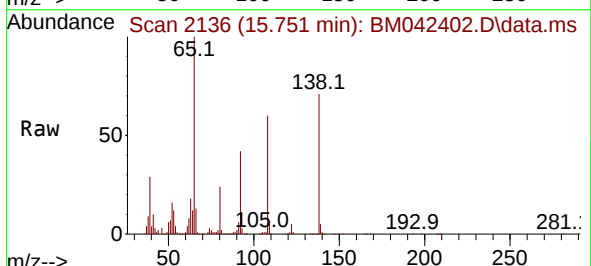
Manual Integrations
APPROVED

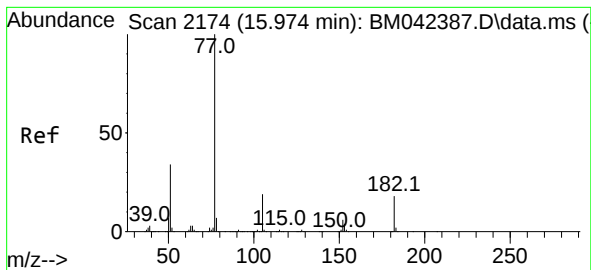
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#62
4-Nitroaniline
Concen: 41.037 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

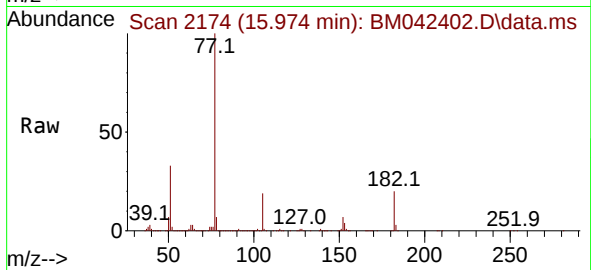
Tgt Ion:138 Resp: 217006
Ion Ratio Lower Upper
138 100
92 59.2 40.4 80.4
108 85.4 65.3 105.3





#63
Azobenzene
Concen: 46.520 ng
RT: 15.974 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

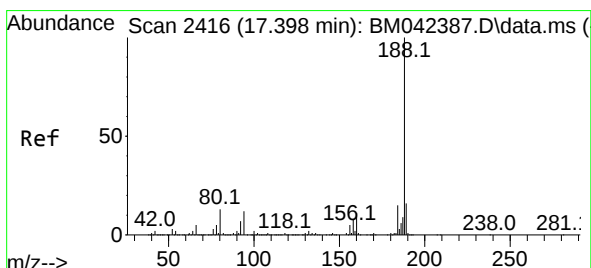
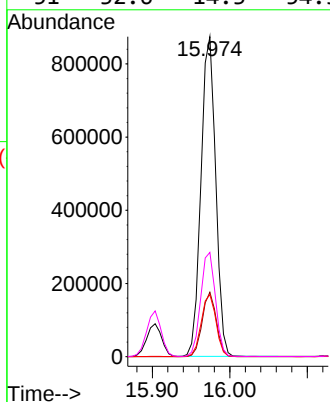
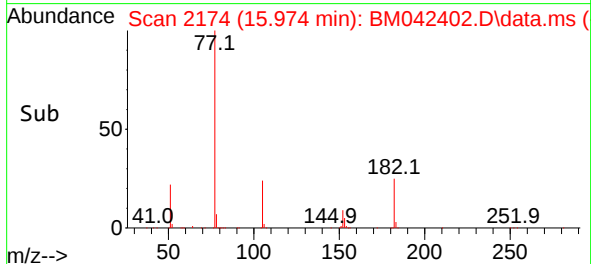
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



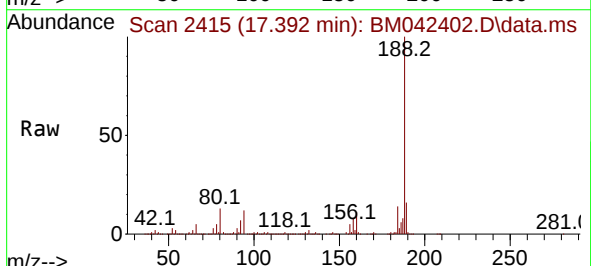
Tgt Ion: 77 Resp: 115049
Ion Ratio Lower Upper
77 100
182 20.1 0.0 37.7
105 19.4 0.0 38.9
51 32.6 14.3 54.3

Manual Integrations
APPROVED

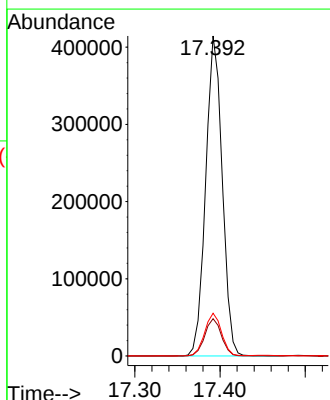
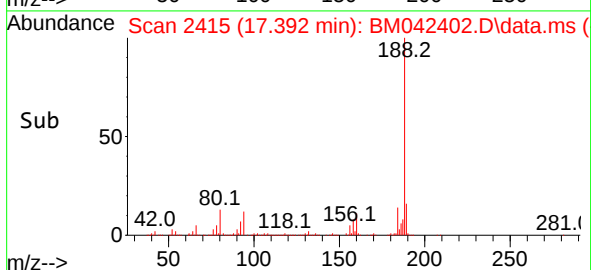
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

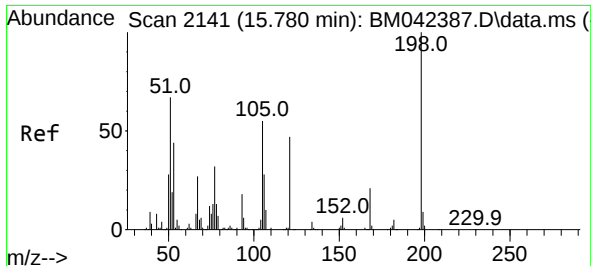


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



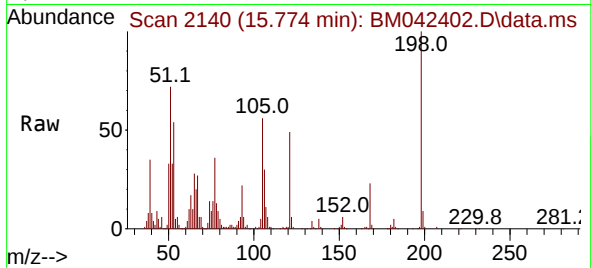
Tgt Ion:188 Resp: 559384
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.0
80 13.4 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 41.163 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

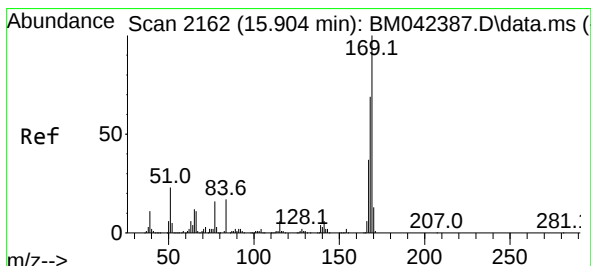
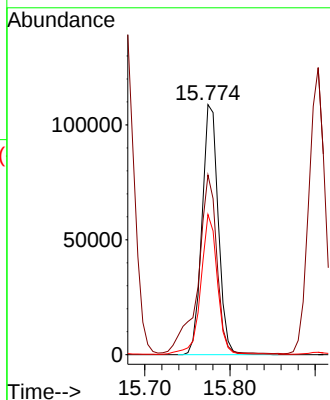
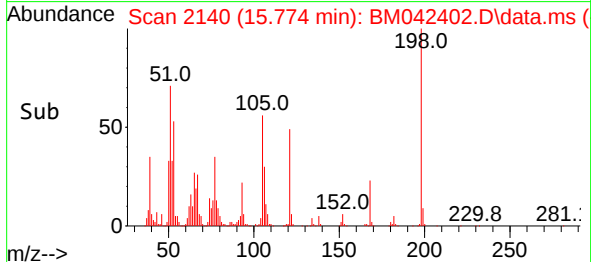
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



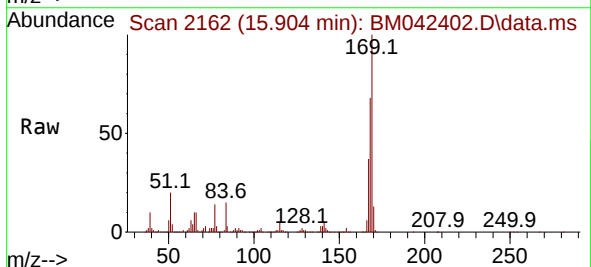
Tgt Ion:198 Resp: 143534
Ion Ratio Lower Upper
198 100
51 71.9 54.1 94.1
105 56.0 35.9 75.9

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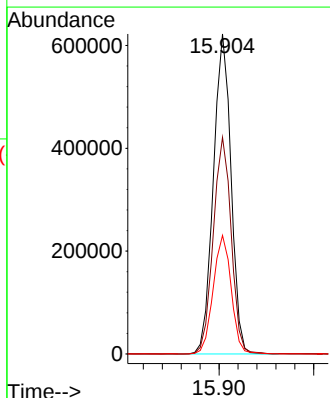
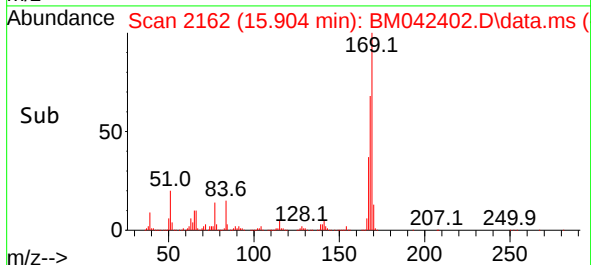
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

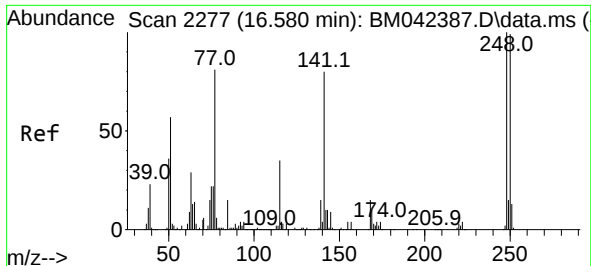


#66
n-Nitrosodiphenylamine
Concen: 47.840 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



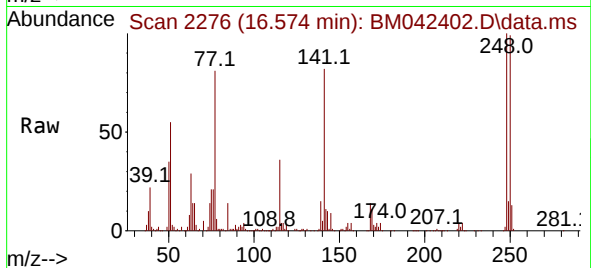
Tgt Ion:169 Resp: 806034
Ion Ratio Lower Upper
169 100
168 67.7 55.4 83.2
167 37.1 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 48.313 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

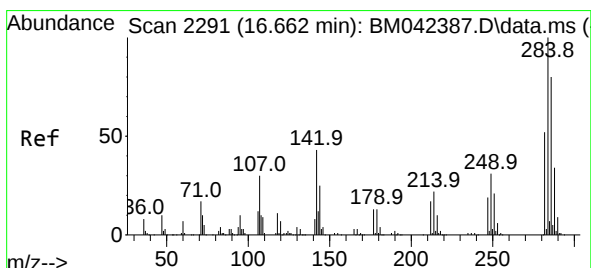
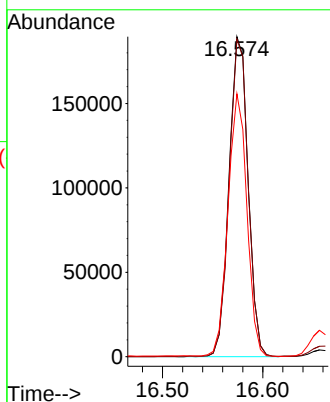
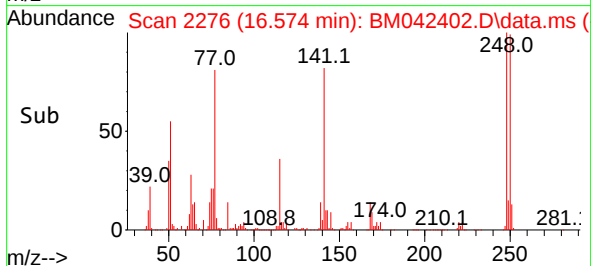
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



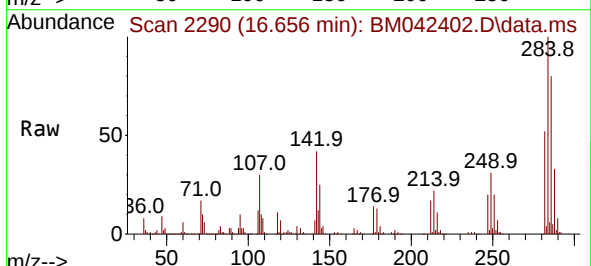
Tgt Ion:248 Resp: 250470
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.2
141 82.1 64.3 96.5

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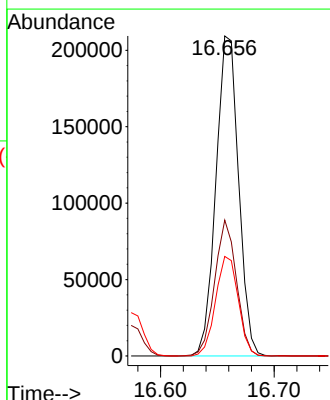
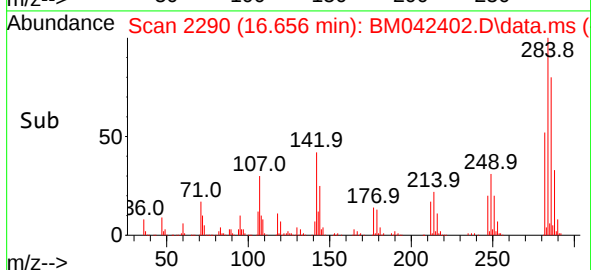
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

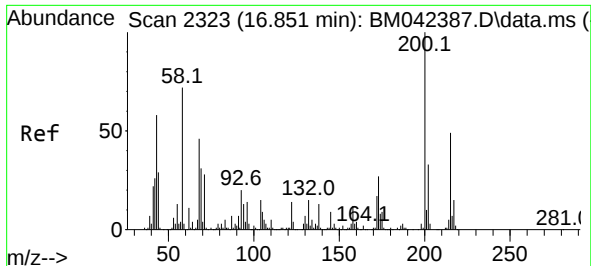


#68
Hexachlorobenzene
Concen: 52.408 ng
RT: 16.656 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



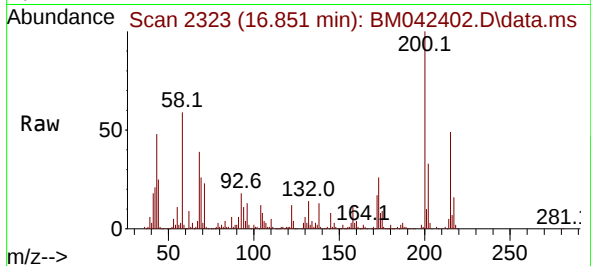
Tgt Ion:284 Resp: 290432
Ion Ratio Lower Upper
284 100
142 42.5 34.2 51.2
249 31.1 24.7 37.1





#69
 Atrazine
 Concen: 63.362 ng
 RT: 16.851 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042402.D
 Acq: 23 Oct 2023 15:07

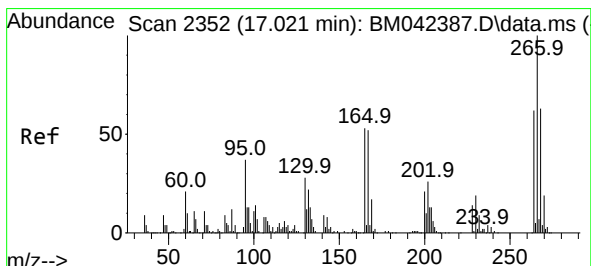
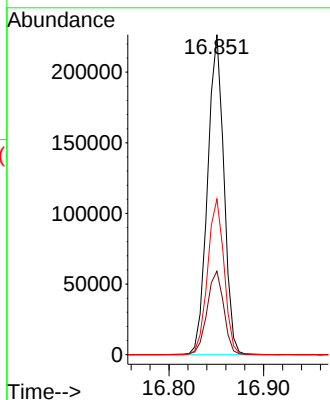
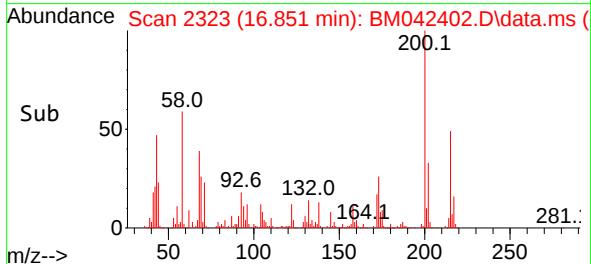
Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-06MS



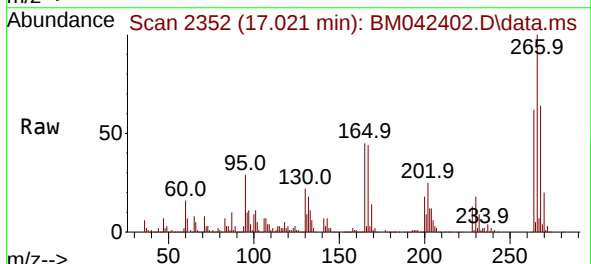
Tgt Ion:200 Resp: 27072
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.6 46.6
 215 48.7 28.6 68.6

Manual Integrations
 APPROVED

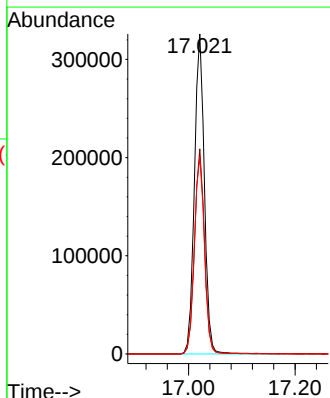
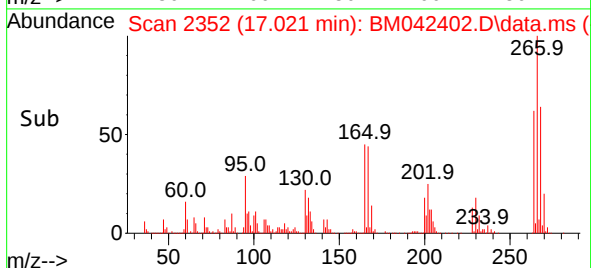
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023

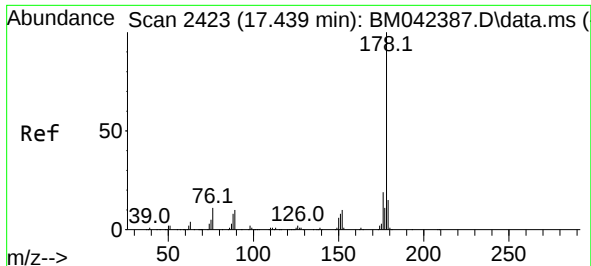


#70
 Pentachlorophenol
 Concen: 90.727 ng
 RT: 17.021 min Scan# 2352
 Delta R.T. 0.000 min
 Lab File: BM042402.D
 Acq: 23 Oct 2023 15:07



Tgt Ion:266 Resp: 423748
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.6 76.0
 264 61.6 49.4 74.0





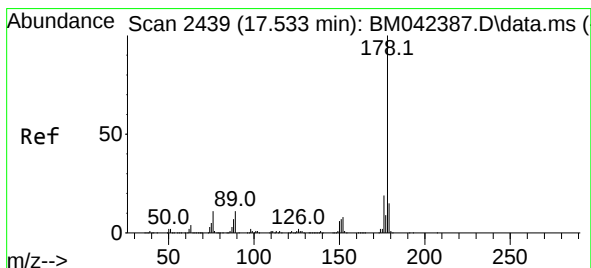
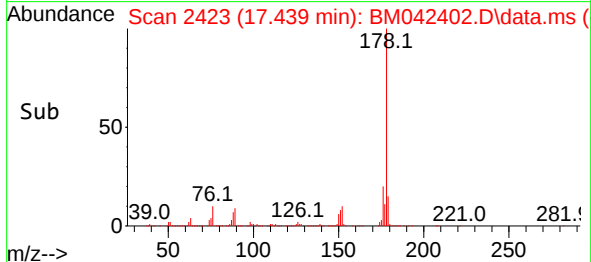
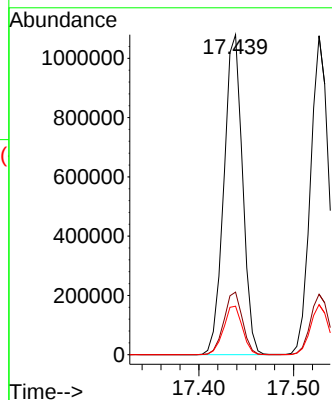
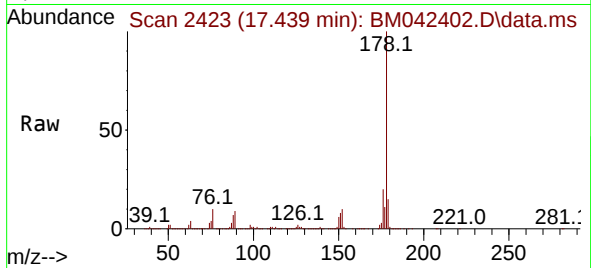
#71
Phenanthrene
Concen: 48.517 ng
RT: 17.439 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

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

Tgt Ion:178 Resp: 147641
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.1 12.3 18.5

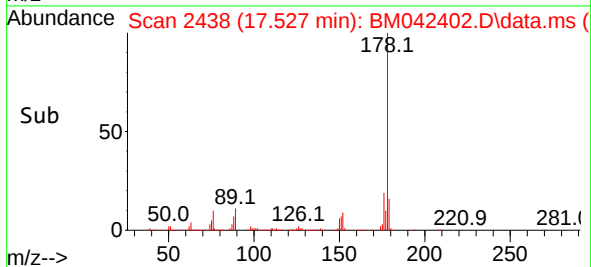
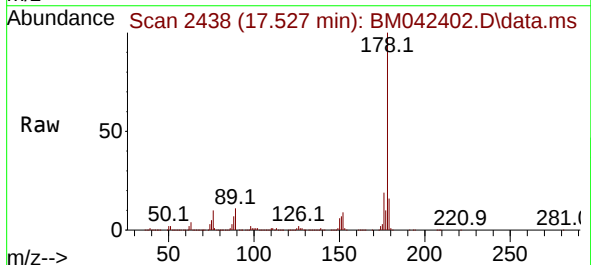
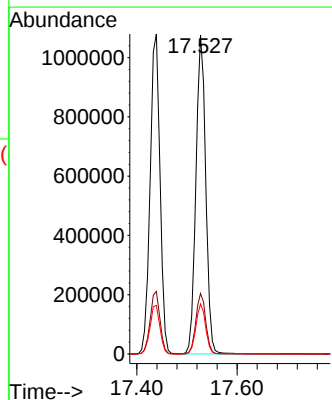
Manual Integrations
APPROVED

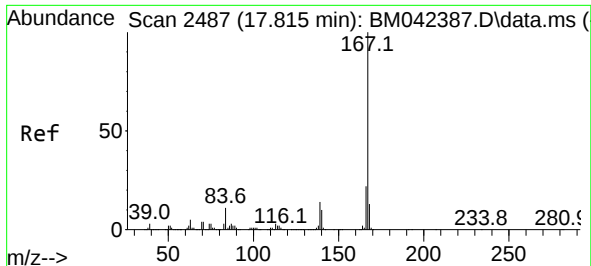
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#72
Anthracene
Concen: 48.297 ng
RT: 17.527 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

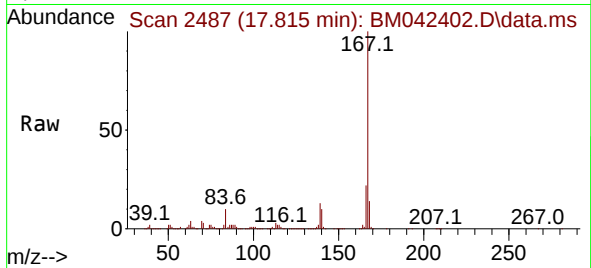
Tgt Ion:178 Resp: 1455575
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.1 18.1





#73
 Carbazole
 Concen: 48.870 ng
 RT: 17.815 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BM042402.D
 Acq: 23 Oct 2023 15:07

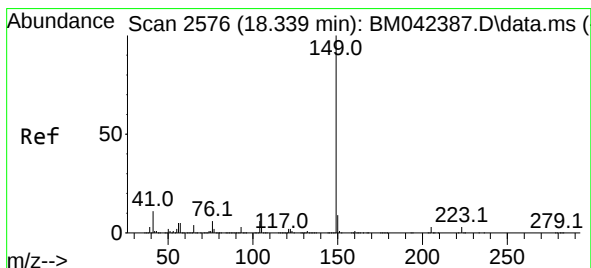
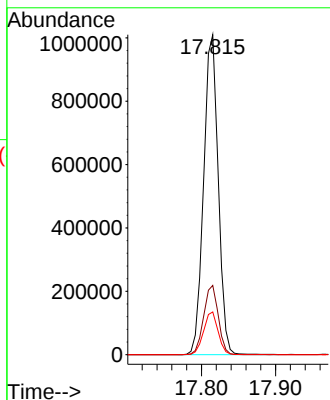
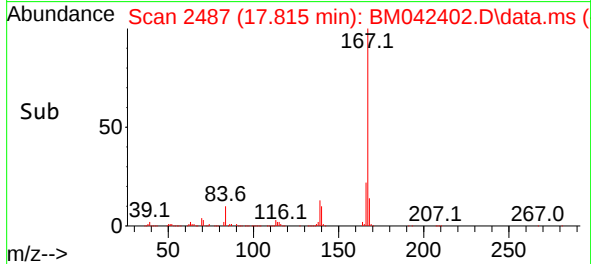
Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-06MS



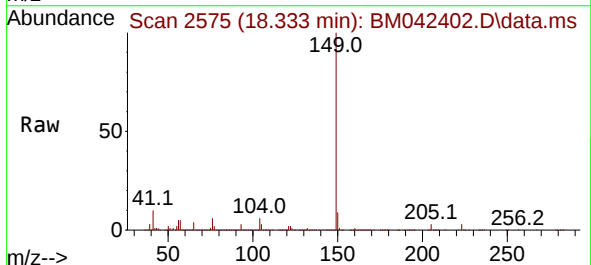
Tgt Ion:167 Resp: 1381700
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.4 10.9 16.3

Manual Integrations
 APPROVED

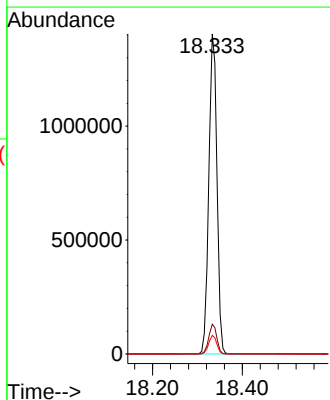
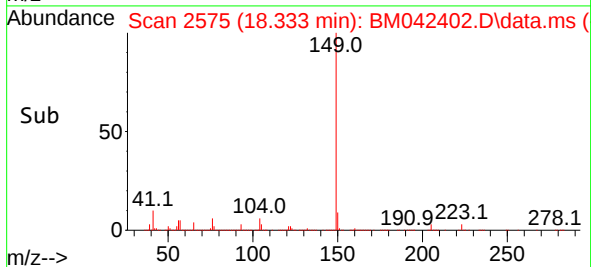
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023

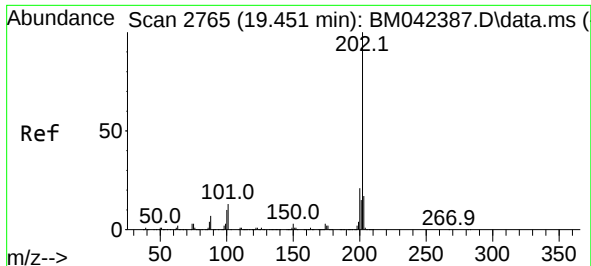


#74
 Di-n-butylphthalate
 Concen: 49.006 ng
 RT: 18.333 min Scan# 2575
 Delta R.T. -0.006 min
 Lab File: BM042402.D
 Acq: 23 Oct 2023 15:07



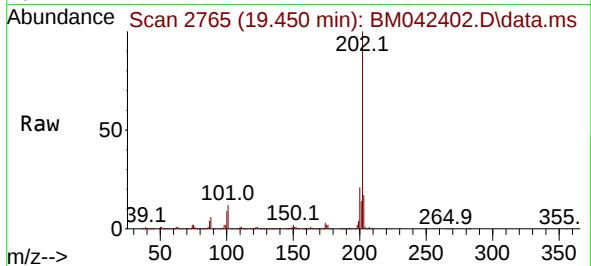
Tgt Ion:149 Resp: 1756769
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.8 4.6 7.0





#75
Fluoranthene
Concen: 50.376 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

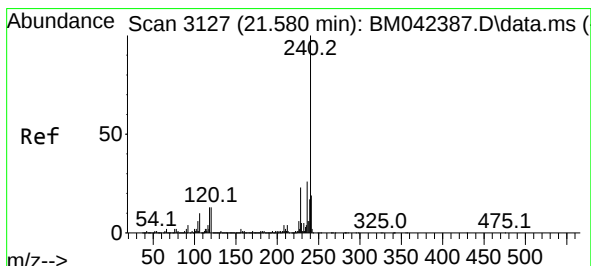
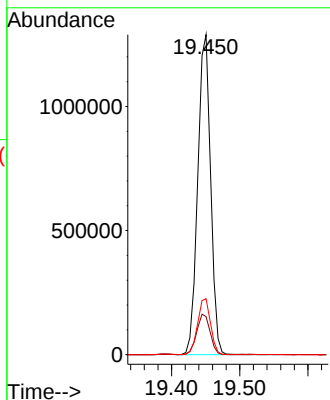
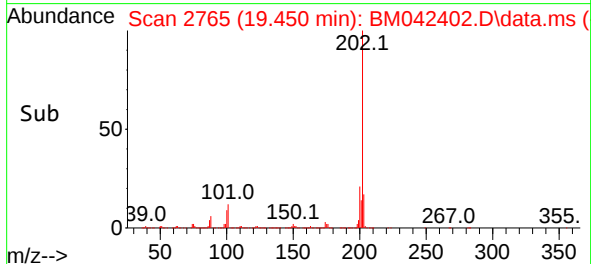
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:202 Resp: 168832
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.3
203 17.5 0.0 37.5

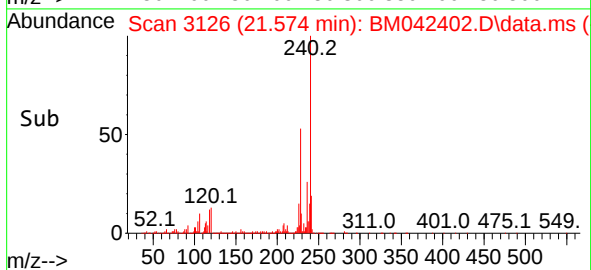
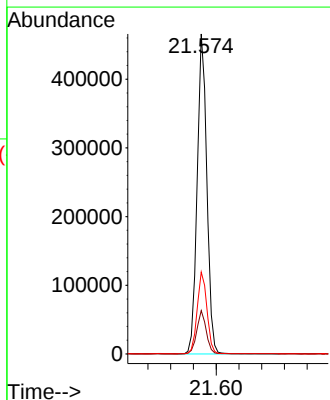
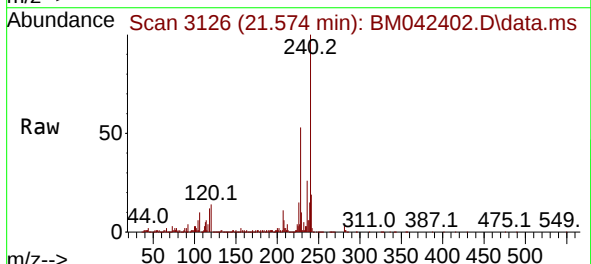
Manual Integrations
APPROVED

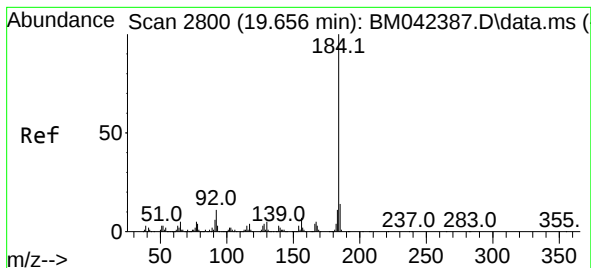
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

Tgt Ion:240 Resp: 554141
Ion Ratio Lower Upper
240 100
120 13.6 10.7 16.1
236 25.6 20.7 31.1





#77

Benzidine

Concen: 96.342 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MS

Tgt Ion:184 Resp: 77220

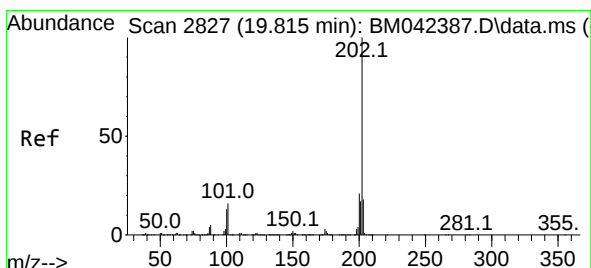
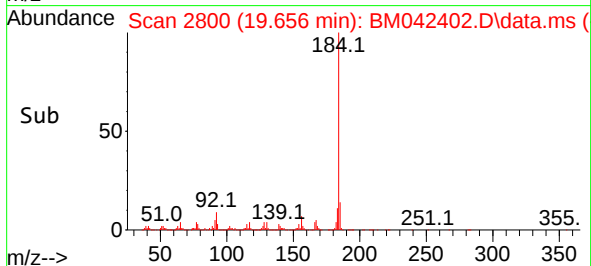
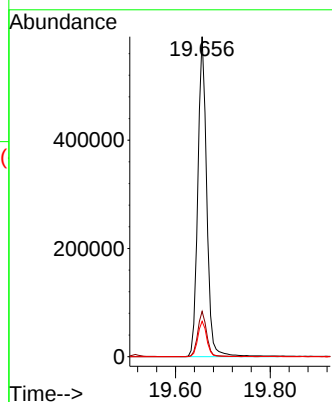
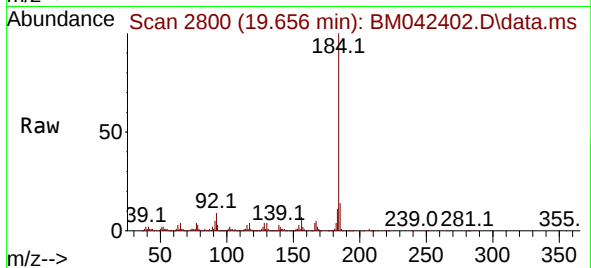
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.0	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#78

Pyrene

Concen: 46.419 ng

RT: 19.815 min Scan# 2827

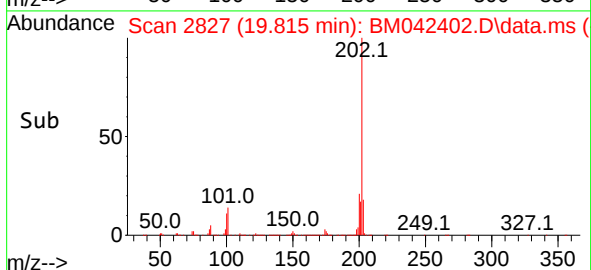
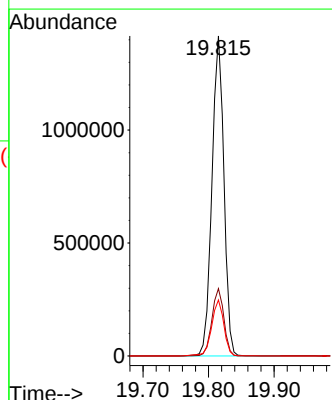
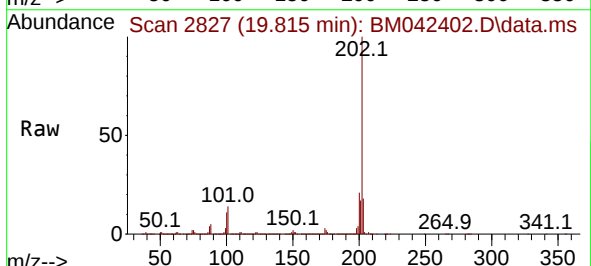
Delta R.T. -0.000 min

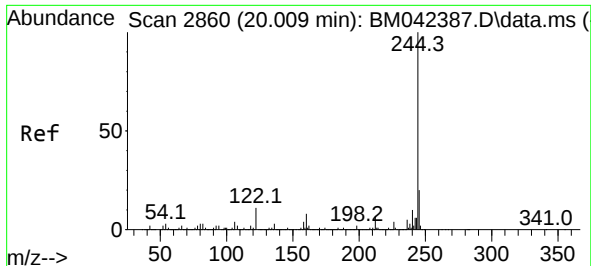
Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Tgt Ion:202 Resp: 1797467

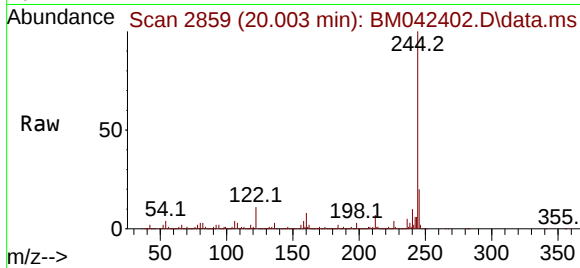
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.5	14.1	21.1





#79
 Terphenyl-d14
 Concen: 50.343 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042402.D
 Acq: 23 Oct 2023 15:07

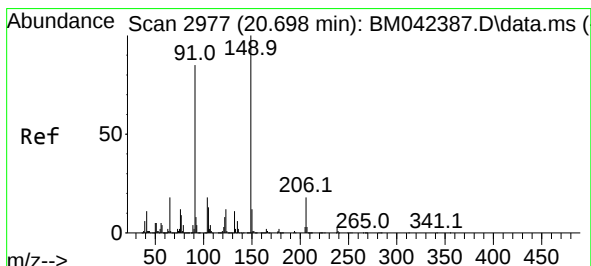
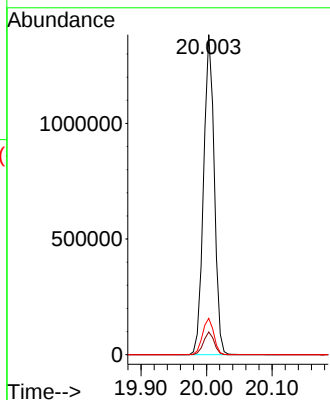
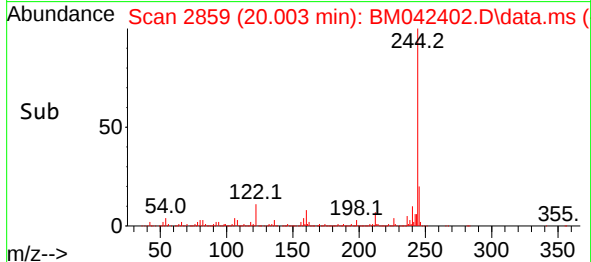
Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-06MS



Tgt Ion:244 Resp: 1573015
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.3 8.8 13.2

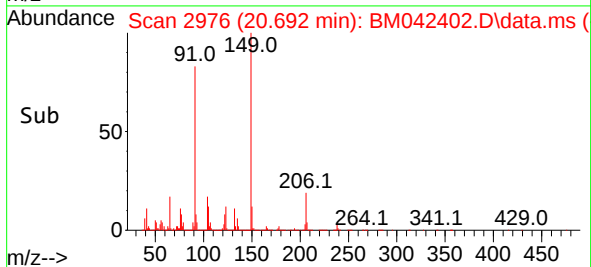
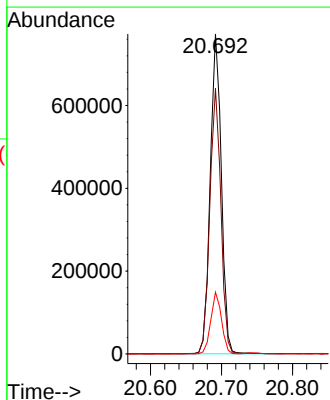
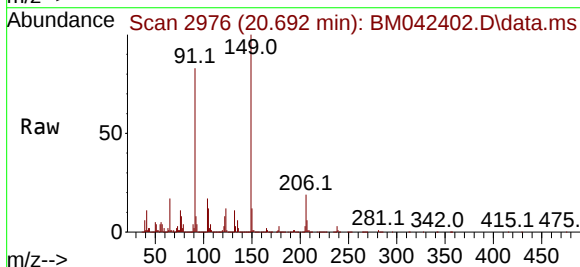
Manual Integrations
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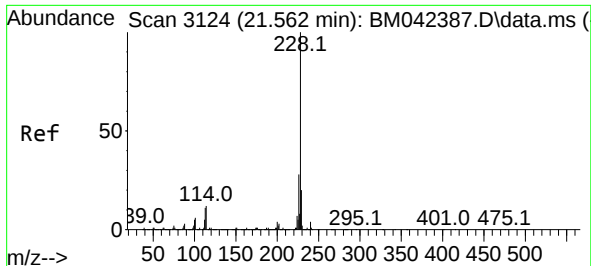
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023



#80
 Butylbenzylphthalate
 Concen: 47.831 ng
 RT: 20.692 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM042402.D
 Acq: 23 Oct 2023 15:07

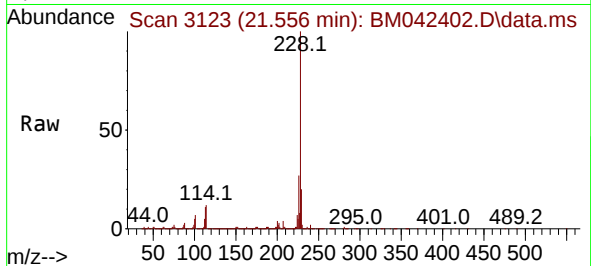
Tgt Ion:149 Resp: 839370
 Ion Ratio Lower Upper
 149 100
 91 83.0 68.3 102.5
 206 19.3 14.6 22.0





#81
Benzo(a)anthracene
Concen: 47.898 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

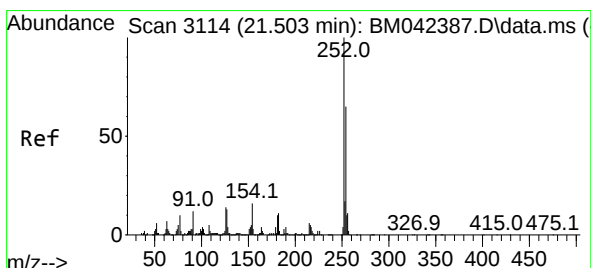
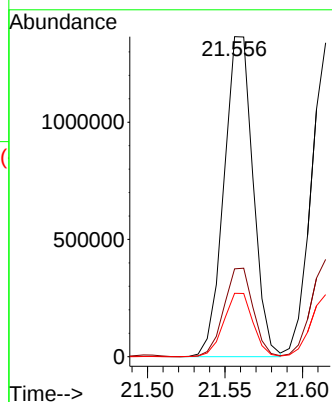
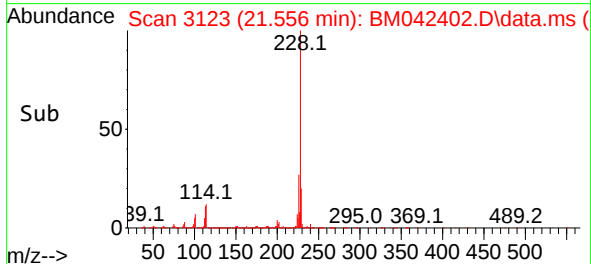
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



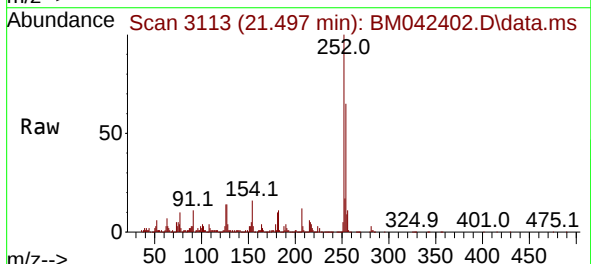
Tgt Ion:228 Resp: 1779354
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.8 15.7 23.5

Manual Integrations
APPROVED

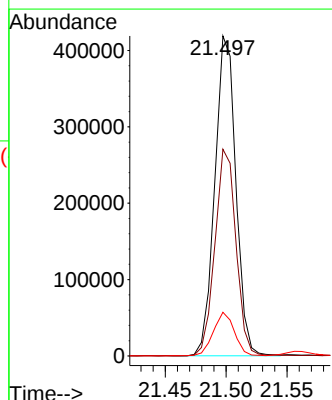
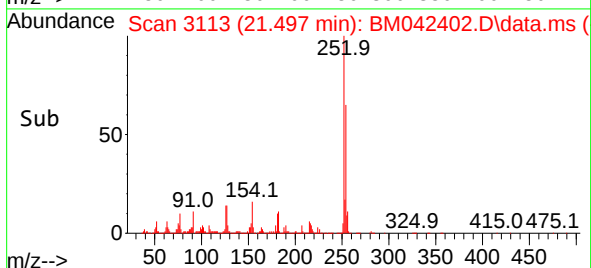
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

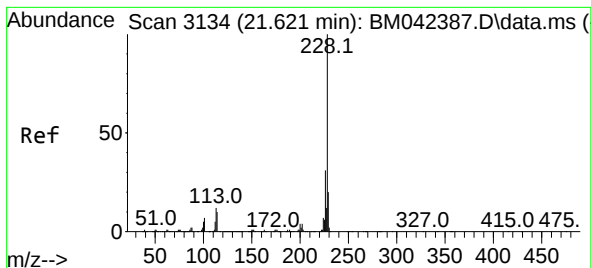


#82
3,3'-Dichlorobenzidine
Concen: 45.413 ng
RT: 21.497 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07



Tgt Ion:252 Resp: 503607
Ion Ratio Lower Upper
252 100
254 64.6 52.2 78.2
126 13.6 11.4 17.2





#83

Chrysene

Concen: 45.526 ng

RT: 21.615 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Instrument :

BNA_M

ClientSampleId :

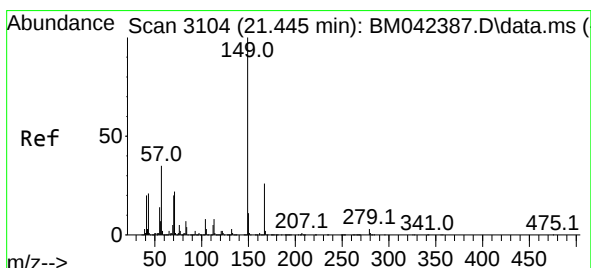
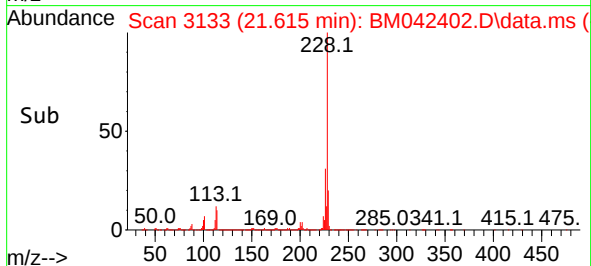
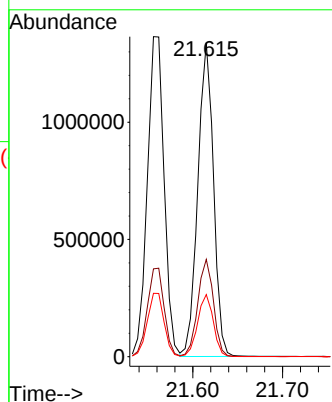
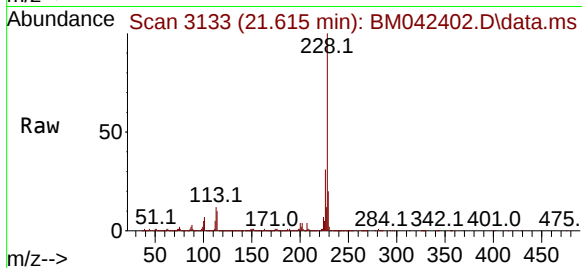
OR-603-COMP-06MS

Tgt Ion:228 Resp: 1624350
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.6 36.8
 229 19.8 15.7 23.5

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.562 ng

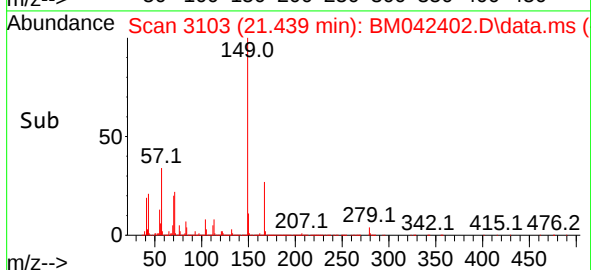
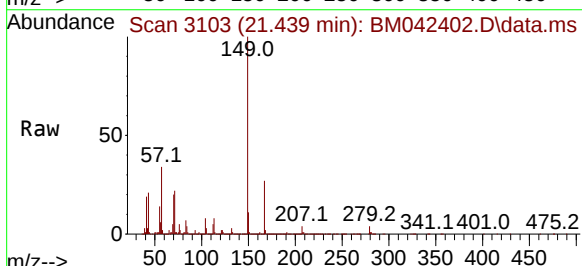
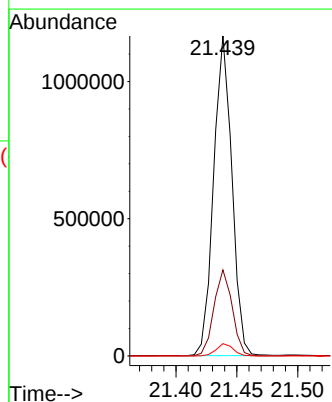
RT: 21.439 min Scan# 3103

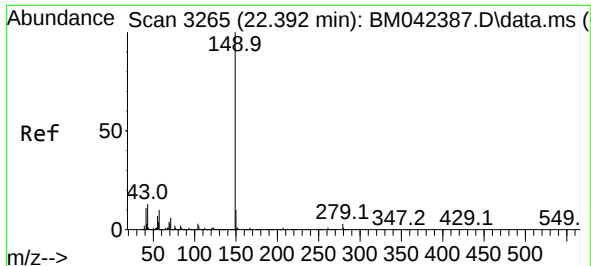
Delta R.T. -0.006 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

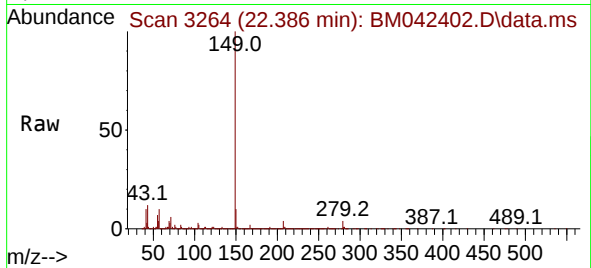
Tgt Ion:149 Resp: 1212872
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.9 31.3
 279 3.8 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 50.438 ng
RT: 22.386 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

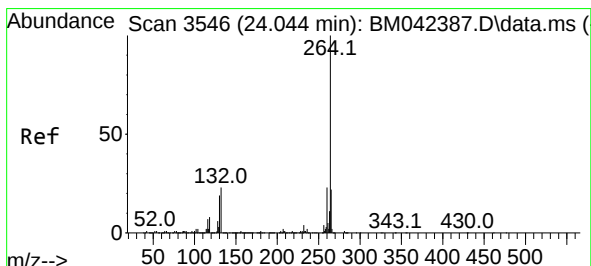
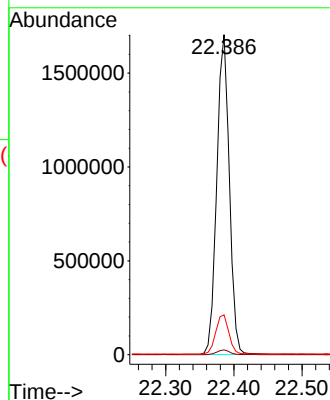
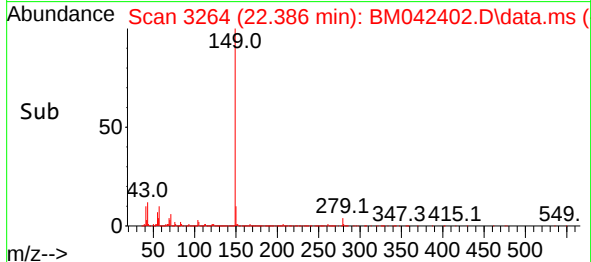
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:149 Resp: 217936
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.9 11.0 16.6

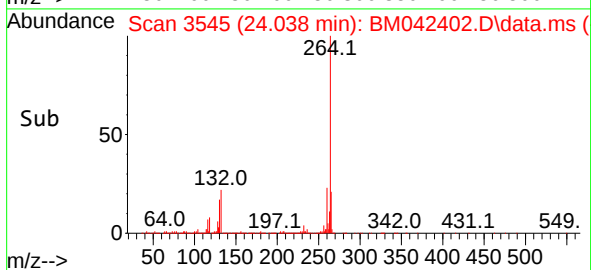
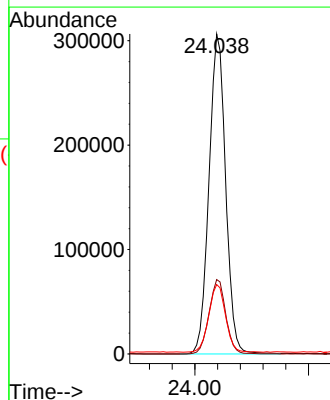
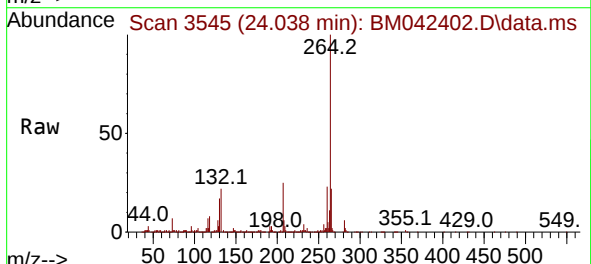
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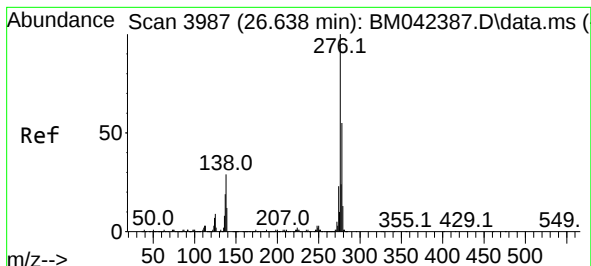
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.038 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

Tgt Ion:264 Resp: 621445
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.266 ng

RT: 26.632 min Scan# 3987

Delta R.T. -0.006 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MS

Tgt Ion:276 Resp: 2146580

Ion Ratio Lower Upper

276 100

138 29.1 25.6 38.4

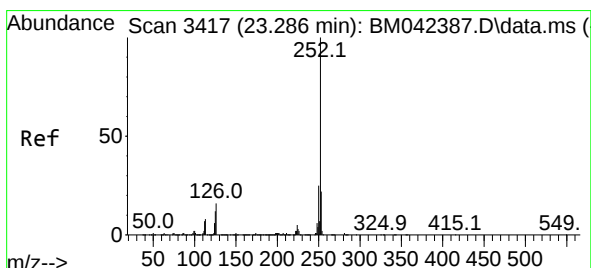
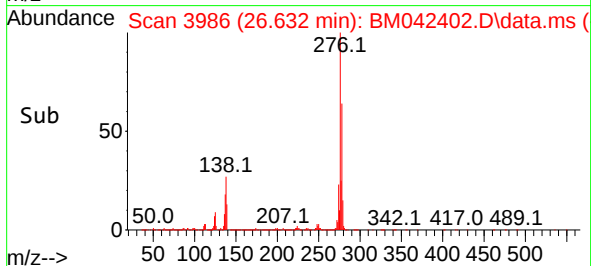
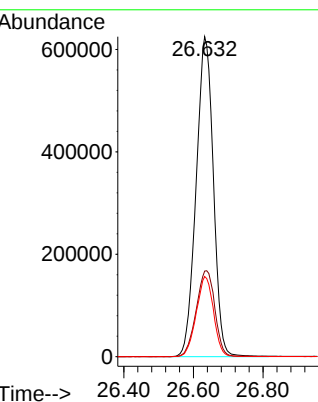
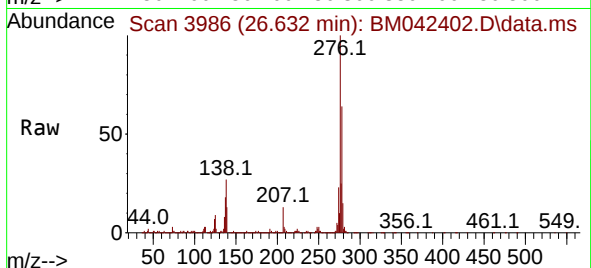
277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#88

Benzo(b)fluoranthene

Concen: 48.652 ng

RT: 23.280 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

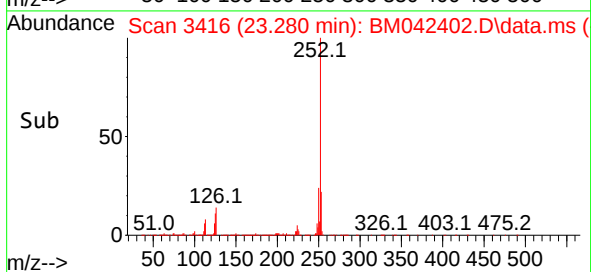
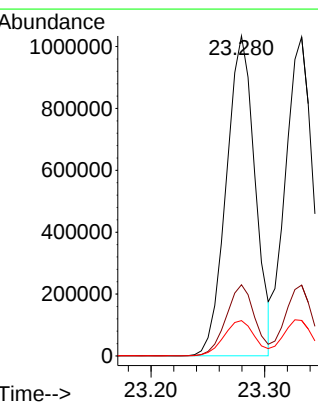
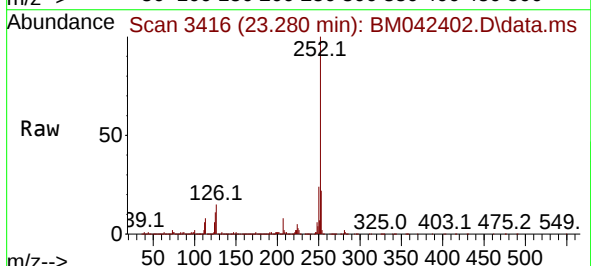
Tgt Ion:252 Resp: 1819896

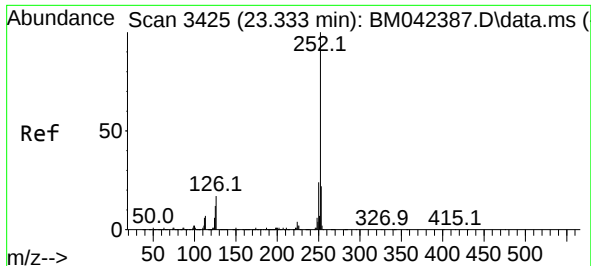
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

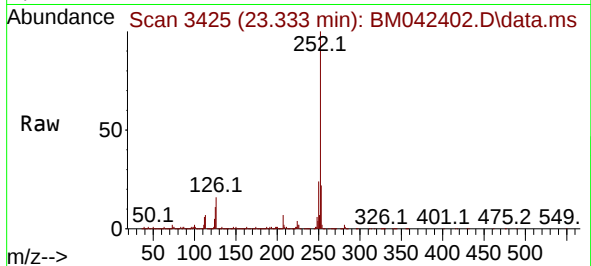
125 11.1 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 44.536 ng
RT: 23.333 min Scan# 3425
Delta R.T. -0.000 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

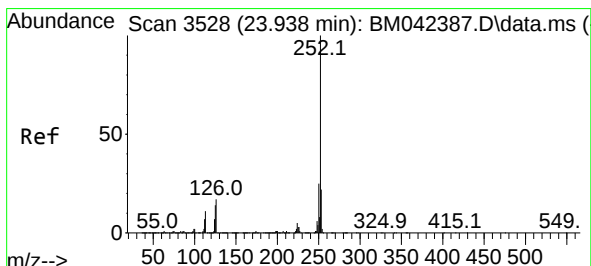
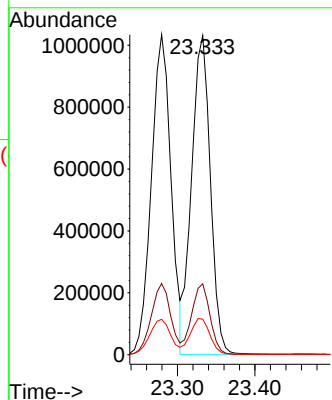
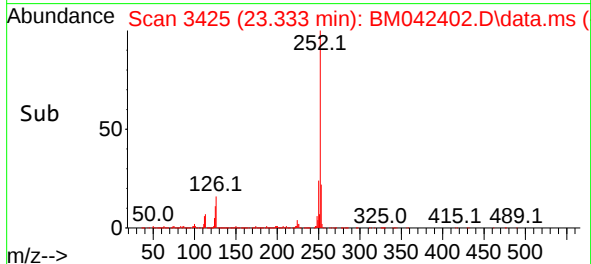
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06MS



Tgt Ion:252 Resp: 172958
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.1 10.2 15.2

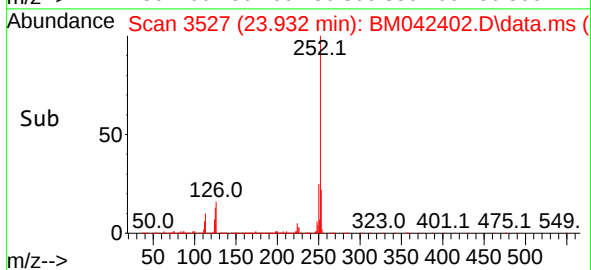
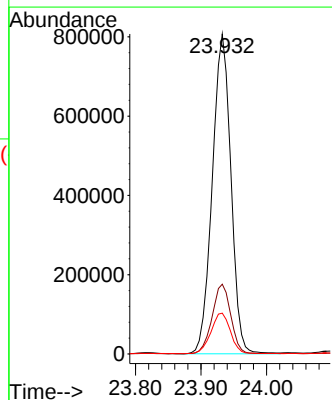
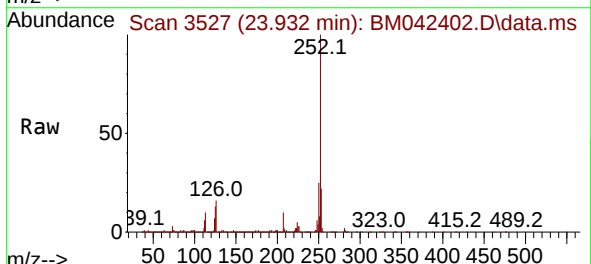
Manual Integrations
APPROVED

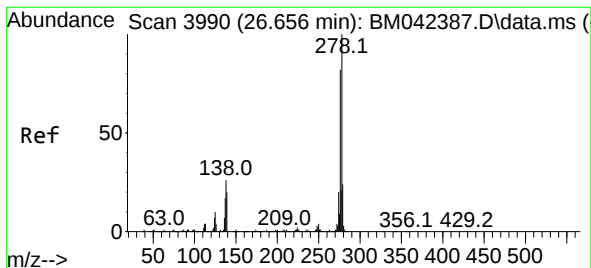
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#90
Benzo(a)pyrene
Concen: 44.139 ng
RT: 23.932 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BM042402.D
Acq: 23 Oct 2023 15:07

Tgt Ion:252 Resp: 1589188
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.8 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 46.921 ng

RT: 26.650 min Scan# 3990

Delta R.T. -0.006 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06MS

Tgt Ion:278 Resp: 177169

Ion Ratio Lower Upper

278 100

139 18.1 15.6 23.4

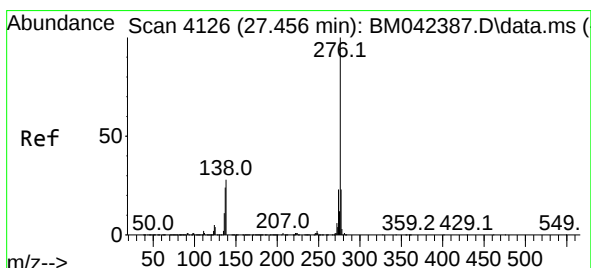
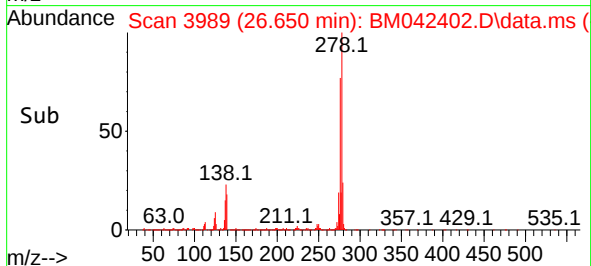
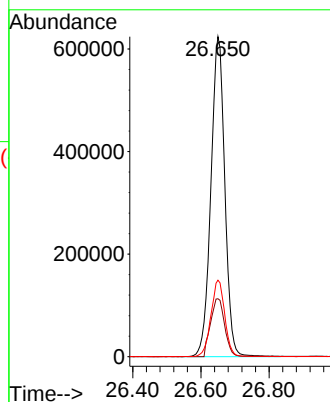
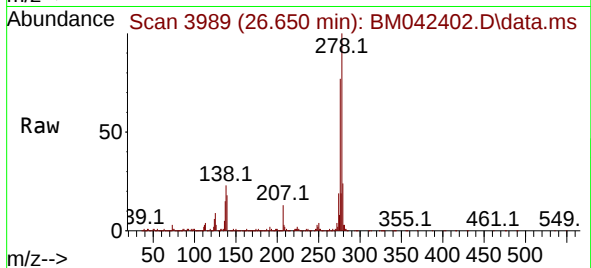
279 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#92

Benzo(g,h,i)perylene

Concen: 45.389 ng

RT: 27.444 min Scan# 4124

Delta R.T. -0.012 min

Lab File: BM042402.D

Acq: 23 Oct 2023 15:07

Tgt Ion:276 Resp: 1664420

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 25.5 22.6 34.0

