

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041927.D
 Acq On : 20 Sep 2023 05:53
 Operator : MA/JU
 Sample : 04432-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PILE-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 20 06:32:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	281613	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1170222	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	711902	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1456598	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1224356	20.000	ng	-0.01
86) Perylene-d12	23.944	264	1197663	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2027867	119.938	ng	0.00
7) Phenol-d6	7.110	99	2702993	115.140	ng	0.00
23) Nitrobenzene-d5	9.157	82	1649297	71.759	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	966704	108.834	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3566181	73.526	ng	0.00
79) Terphenyl-d14	19.968	244	5222319	77.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	298175	43.237	ng	98
3) Pyridine	3.816	79	842769	39.339	ng	99
4) n-Nitrosodimethylamine	3.740	42	509217	50.006	ng	95
6) Aniline	7.298	93	1345973	43.276	ng	99
8) 2-Chlorophenol	7.516	128	1058282	56.220	ng	100
9) Benzaldehyde	7.122	77	349842	26.360	ng	98
10) Phenol	7.139	94	1394171	57.857	ng	100
11) bis(2-Chloroethyl)ether	7.392	93	1025723	51.030	ng	99
12) 1,3-Dichlorobenzene	7.839	146	1058143	52.646	ng	100
13) 1,4-Dichlorobenzene	7.998	146	1085581	53.155	ng	99
14) 1,2-Dichlorobenzene	8.310	146	1050836	53.529	ng	100
15) Benzyl Alcohol	8.216	79	991010	53.471	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.486	45	1556141	50.621	ng	98
17) 2-Methylphenol	8.392	107	914318	52.181	ng	99
18) Hexachloroethane	9.028	117	399637	52.059	ng	99
19) n-Nitroso-di-n-propyla...	8.775	70	868797	49.785	ng	99
20) 3+4-Methylphenols	8.728	107	1247249	51.859	ng	99
22) Acetophenone	8.804	105	1562571	53.414	ng	# 100
24) Nitrobenzene	9.198	77	1221160	53.529	ng	100
25) Isophorone	9.710	82	2330282	51.369	ng	100
26) 2-Nitrophenol	9.898	139	573666	55.831	ng	99
27) 2,4-Dimethylphenol	9.933	122	952208	51.529	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1406291	53.041	ng	100
29) 2,4-Dichlorophenol	10.416	162	1044421	58.403	ng	99
30) 1,2,4-Trichlorobenzene	10.627	180	1009397	54.977	ng	99
31) Naphthalene	10.833	128	3109796	52.786	ng	100
32) Benzoic acid	10.086	122	795927	54.667	ng	100
33) 4-Chloroaniline	10.957	127	895061	33.945	ng	100
34) Hexachlorobutadiene	11.057	225	594756	53.034	ng	99
35) Caprolactam	11.798	113	336564m	52.658	ng	
36) 4-Chloro-3-methylphenol	12.057	107	1104397	55.415	ng	98
37) 2-Methylnaphthalene	12.433	142	2155529	49.762	ng	99
38) 1-Methylnaphthalene	12.657	142	2106074	51.769	ng	100
40) 1,2,4,5-Tetrachloroben...	12.786	216	1116305	54.069	ng	100
41) Hexachlorocyclopentadiene	12.733	237	1286387	110.811	ng	99
43) 2,4,6-Trichlorophenol	13.033	196	807666	57.484	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	877519	53.365	ng	98
46) 1,1'-Biphenyl	13.445	154	2865851	54.561	ng	100
47) 2-Chloronaphthalene	13.492	162	2181274	57.024	ng	100
48) 2-Nitroaniline	13.721	65	750413	54.901	ng	99
49) Acenaphthylene	14.339	152	3599866	56.708	ng	99
50) Dimethylphthalate	14.074	163	2786009	52.936	ng	99
51) 2,6-Dinitrotoluene	14.210	165	610802	54.764	ng	99
52) Acenaphthene	14.674	154	2043934	53.532	ng	99
53) 3-Nitroaniline	14.551	138	527664	42.269	ng	99
54) 2,4-Dinitrophenol	14.751	184	731991	105.084	ng	98
55) Dibenzofuran	15.010	168	3266935	53.006	ng	99
56) 4-Nitrophenol	14.839	139	1101974	111.303	ng	97
57) 2,4-Dinitrotoluene	14.992	165	809491	54.857	ng	99
58) Fluorene	15.657	166	2571816	52.929	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	731859	54.224	ng	99
60) Diethylphthalate	15.421	149	2709449	51.753	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1351640	53.024	ng	99
62) 4-Nitroaniline	15.721	138	612800	51.048	ng	99
63) Azobenzene	15.945	77	2822792	53.185	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	438594	52.436	ng	100
66) n-Nitrosodiphenylamine	15.874	169	2260395	54.945	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	809214	53.911	ng	100
68) Hexachlorobenzene	16.627	284	920408	57.914	ng	96
69) Atrazine	16.815	200	813168	63.387	ng	98
70) Pentachlorophenol	16.986	266	1241640	103.404	ng	99
71) Phenanthrene	17.403	178	4013638	55.251	ng	100
72) Anthracene	17.498	178	4044994	54.584	ng	100
73) Carbazole	17.780	167	3733875	54.950	ng	100
74) Di-n-butylphthalate	18.298	149	4798503	55.007	ng	100
75) Fluoranthene	19.415	202	4596814	53.899	ng	99
77) Benzidine	19.615	184	2164111	86.594	ng	100
78) Pyrene	19.780	202	4780212	56.110	ng	100
80) Butylbenzylphthalate	20.650	149	2085837	55.049	ng	99
81) Benzo(a)anthracene	21.515	228	4375481	54.794	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	1461177	51.959	ng	98
83) Chrysene	21.574	228	3981653	53.197	ng	99
84) Bis(2-ethylhexyl)phtha...	21.397	149	3095400	55.067	ng	99
85) Di-n-octyl phthalate	22.321	149	5233344	55.310	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	3995558	55.875	ng	100
88) Benzo(b)fluoranthene	23.203	252	3940894	56.360	ng	100
89) Benzo(k)fluoranthene	23.256	252	3826483	55.379	ng	100
90) Benzo(a)pyrene	23.838	252	3365472	51.294	ng	100
91) Dibenzo(a,h)anthracene	26.473	278	3352383	56.234	ng	99
92) Benzo(g,h,i)perylene	27.238	276	3140873	55.141	ng	99

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

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APPROVED

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Supervised By :mohammad ahmed 09/21/2023

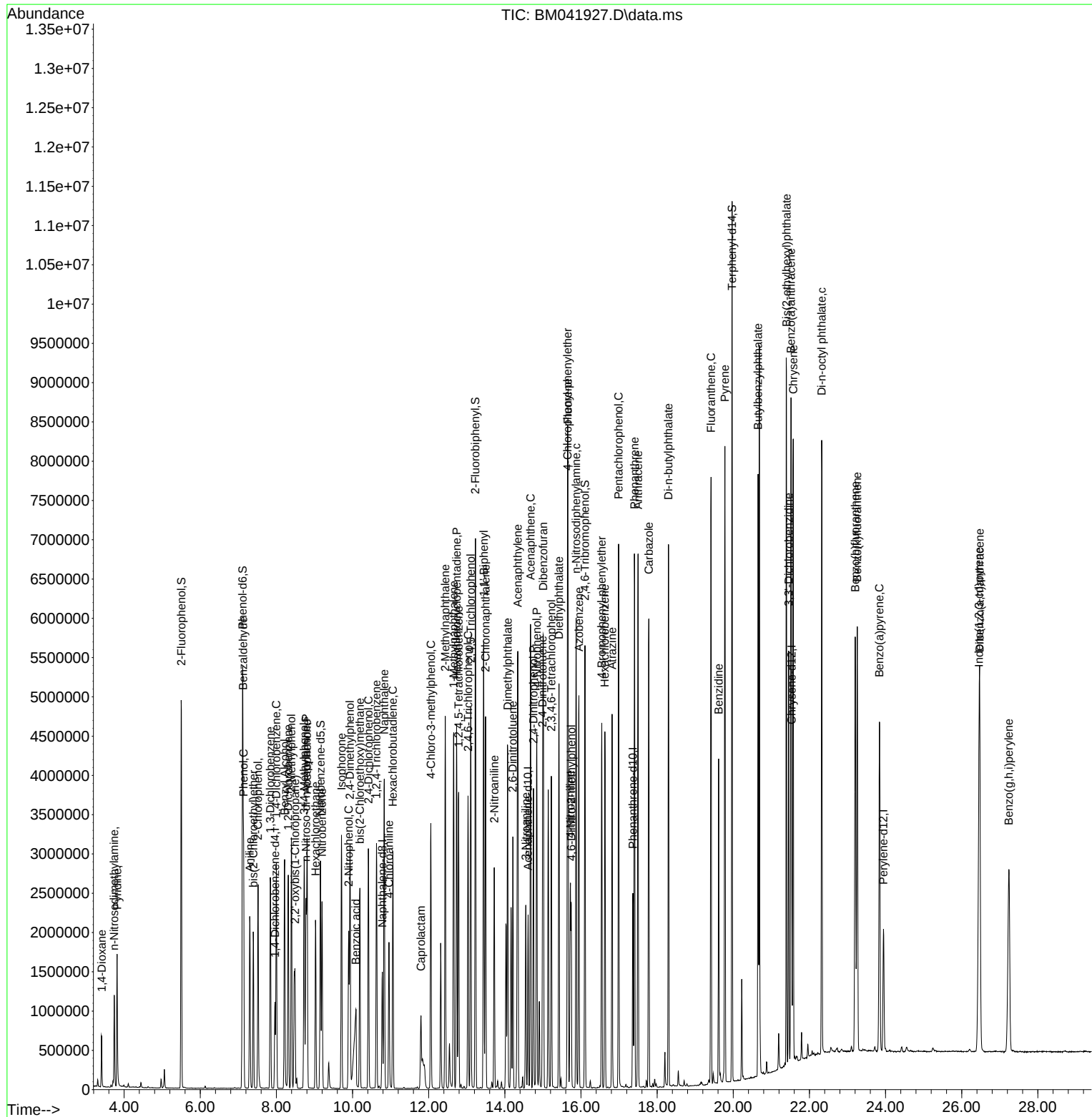
Quant Time: Sep 20 06:32:36 2023

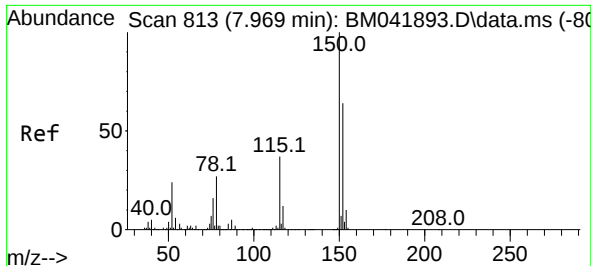
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M

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QLast Update : Tue Sep 19 04:49:34 2023

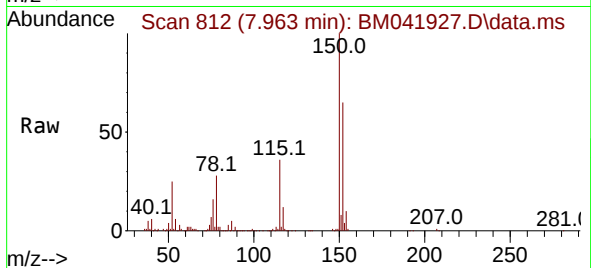
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

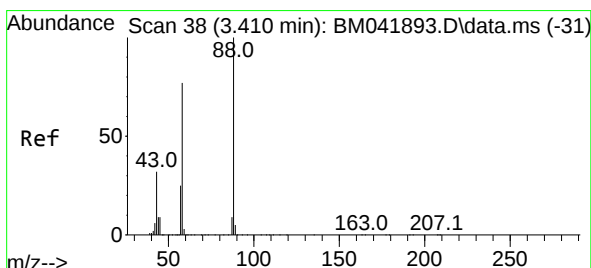
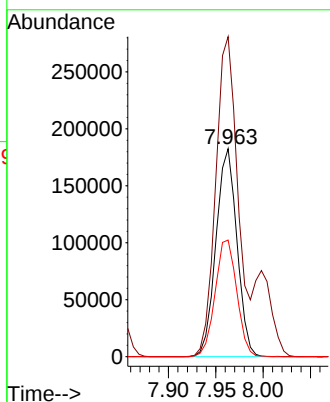
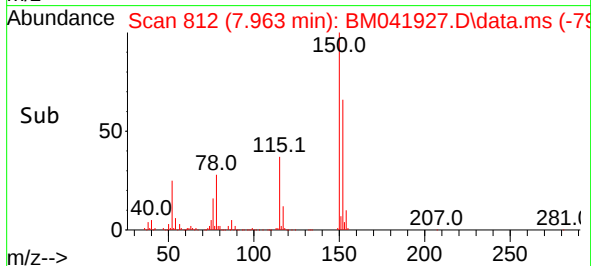
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion: 152 Resp: 28161
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 56.1 46.8 70.2

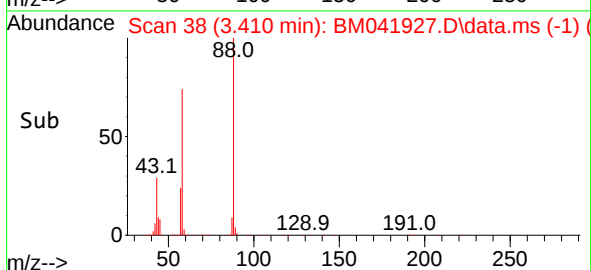
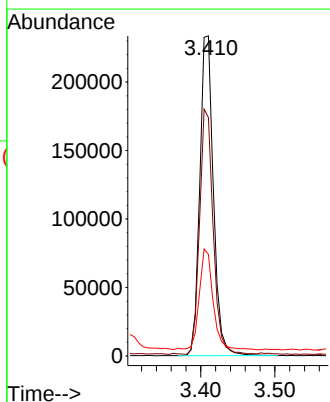
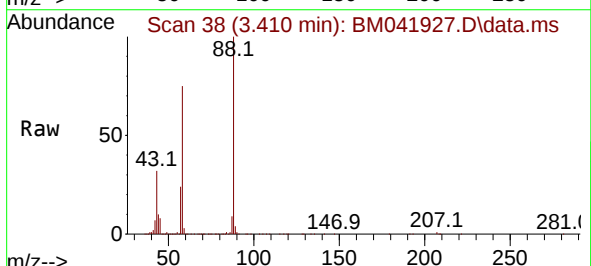
Manual Integrations
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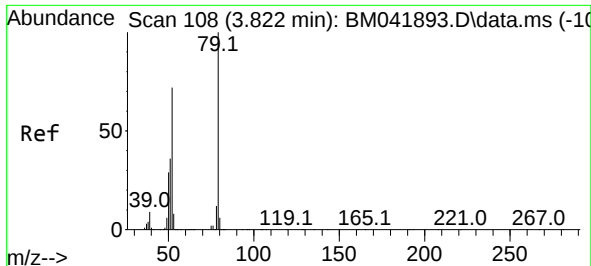
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#2
1,4-Dioxane
Concen: 43.237 ng
RT: 3.410 min Scan# 38
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

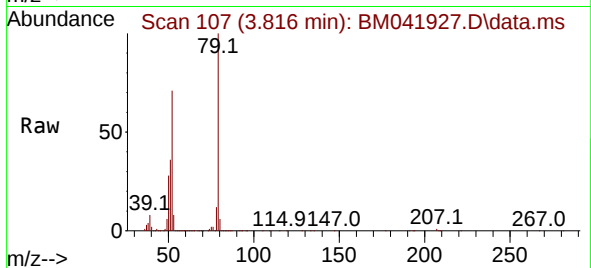
Tgt Ion: 88 Resp: 298175
Ion Ratio Lower Upper
88 100
58 75.8 62.4 93.6
43 31.9 25.8 38.6





#3
Pyridine
Concen: 39.339 ng
RT: 3.816 min Scan# 108
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

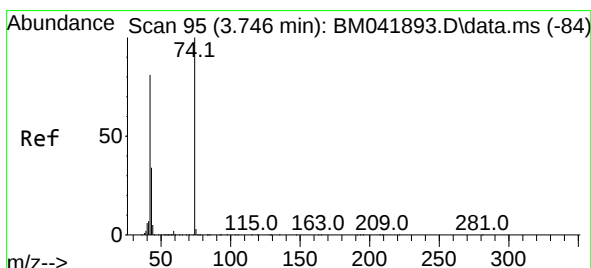
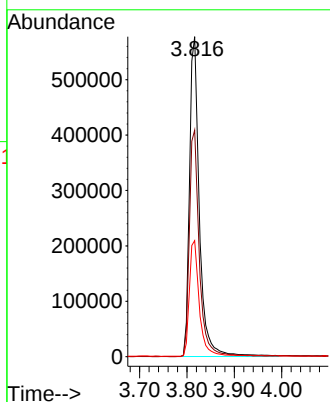
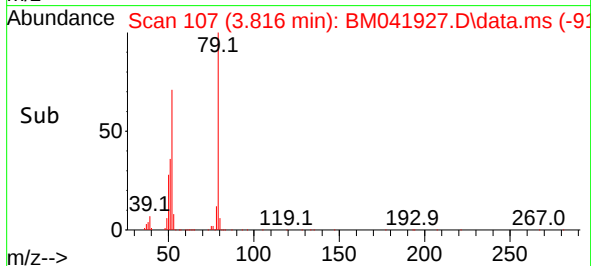
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



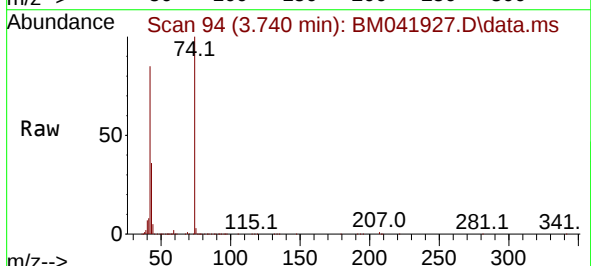
Tgt Ion: 79 Resp: 842769
Ion Ratio Lower Upper
79 100
52 70.8 57.2 85.8
51 36.3 28.9 43.3

Manual Integrations
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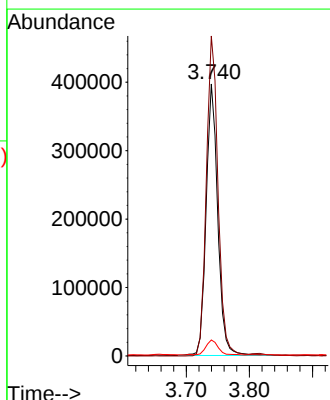
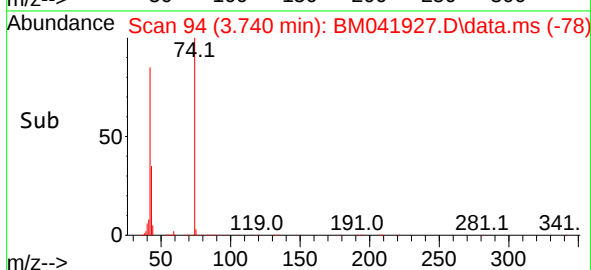
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

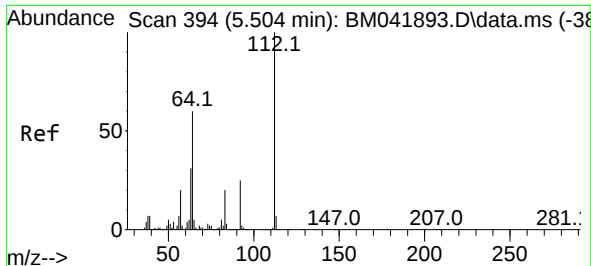


#4
n-Nitrosodimethylamine
Concen: 50.006 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



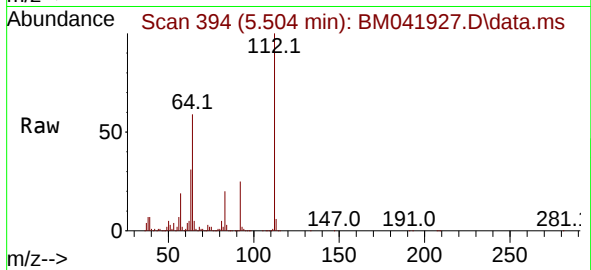
Tgt Ion: 42 Resp: 509217
Ion Ratio Lower Upper
42 100
74 117.6 98.8 148.2
44 5.9 5.1 7.7





#5
2-Fluorophenol
Concen: 119.938 ng
RT: 5.504 min Scan# 394
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

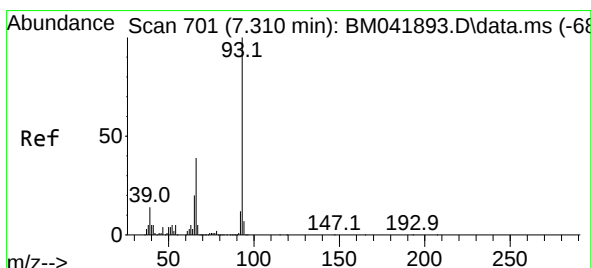
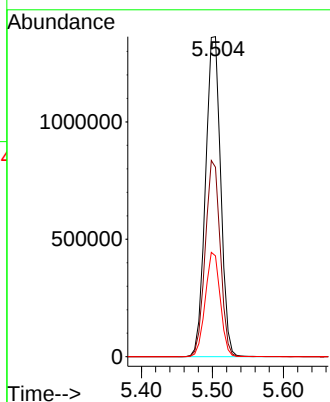
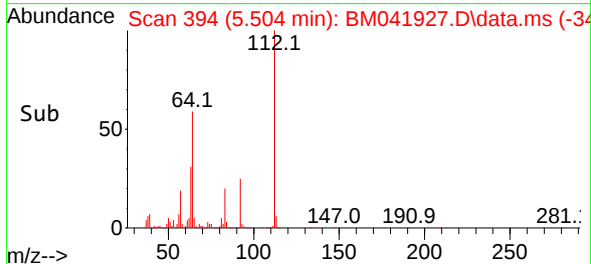
Instrument :
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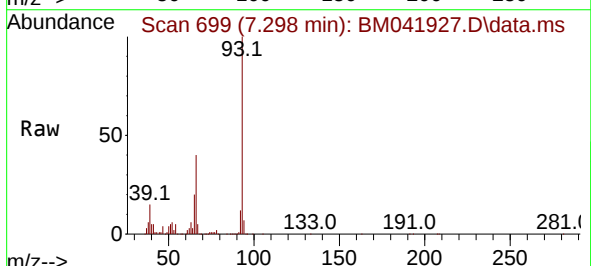
Tgt Ion: 112 Resp: 202786
Ion Ratio Lower Upper
112 100
64 59.2 48.1 72.1
63 31.5 25.0 37.6

Manual Integrations
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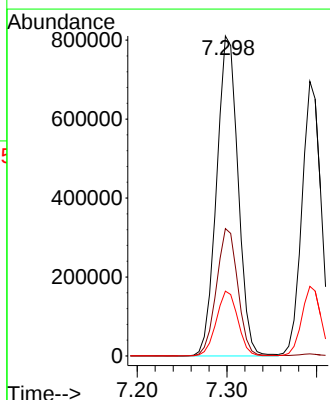
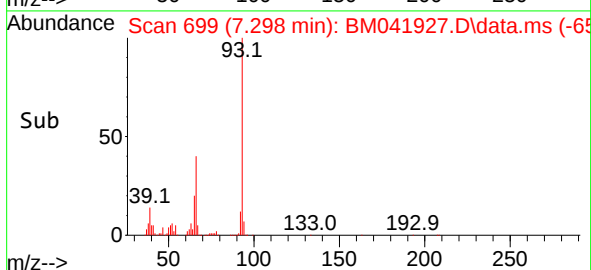
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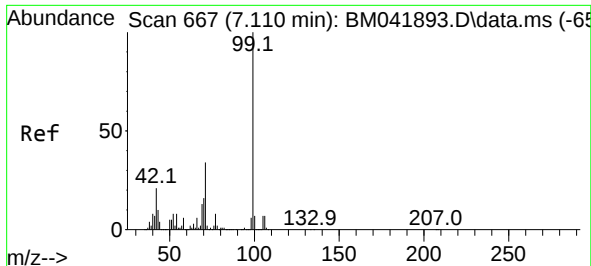


#6
Aniline
Concen: 43.276 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.012 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



Tgt Ion: 93 Resp: 1345973
Ion Ratio Lower Upper
93 100
66 39.8 31.4 47.2
65 20.3 16.2 24.4





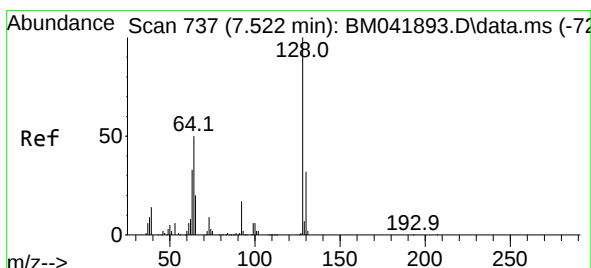
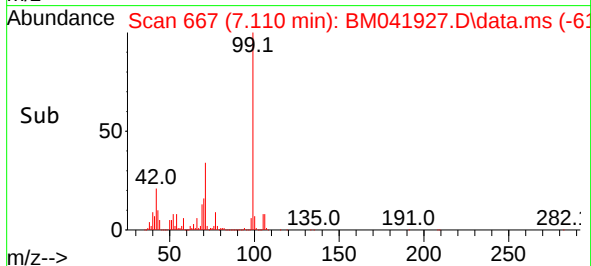
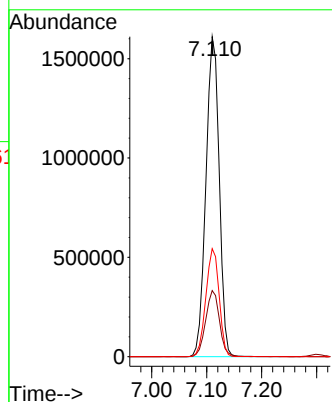
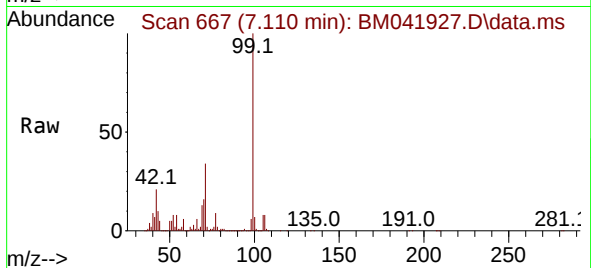
#7
Phenol-d6
Concen: 115.140 ng
RT: 7.110 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 270299
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 33.8 26.8 40.2

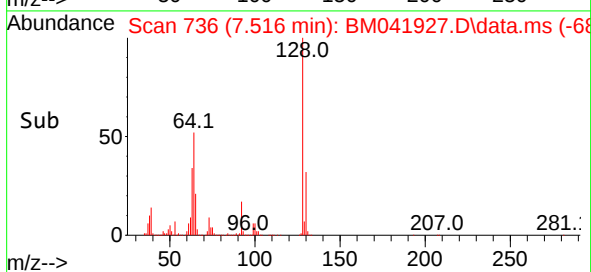
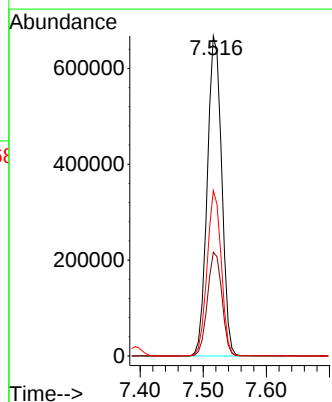
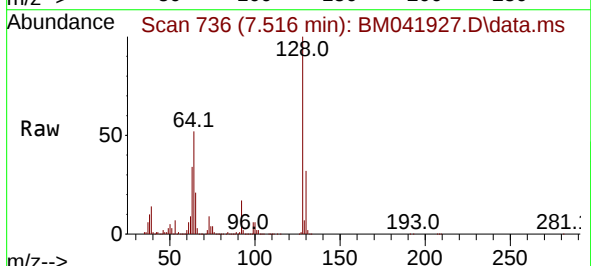
Manual Integrations
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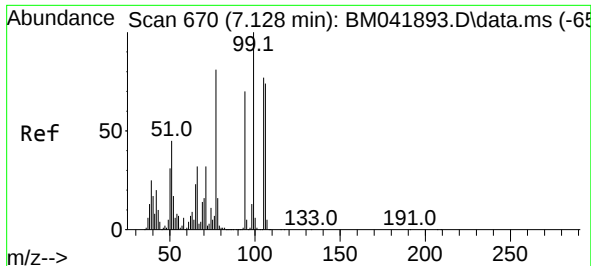
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#8
2-Chlorophenol
Concen: 56.220 ng
RT: 7.516 min Scan# 736
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

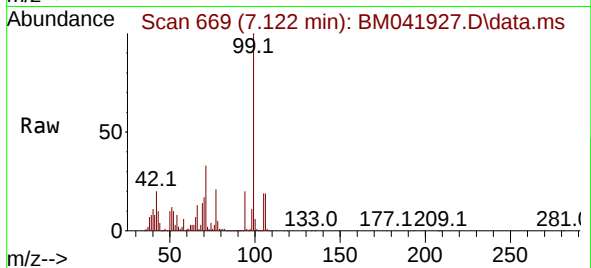
Tgt Ion:128 Resp: 1058282
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 51.7 31.7 71.7





#9
Benzaldehyde
Concen: 26.360 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM041927.D
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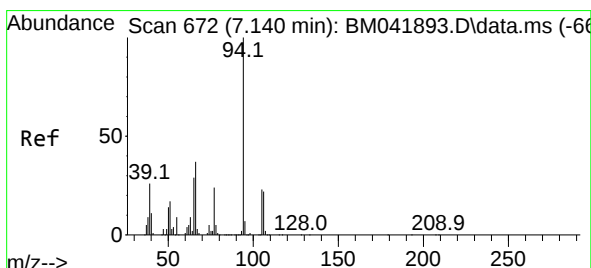
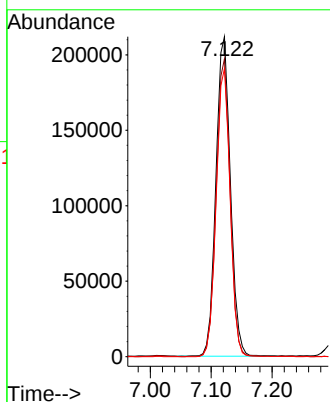
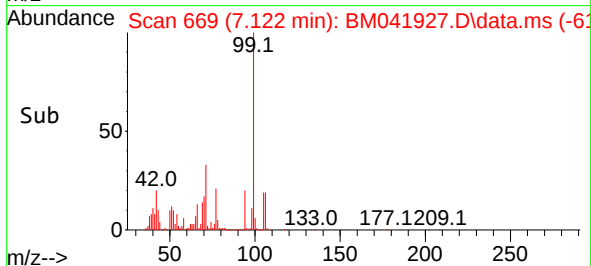
Instrument :
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Tgt Ion: 77 Resp: 34984
Ion Ratio Lower Upper
77 100
105 93.1 75.1 115.1
106 90.0 71.6 111.6

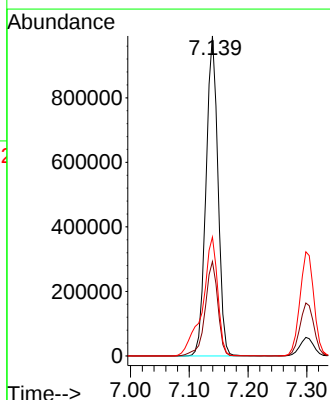
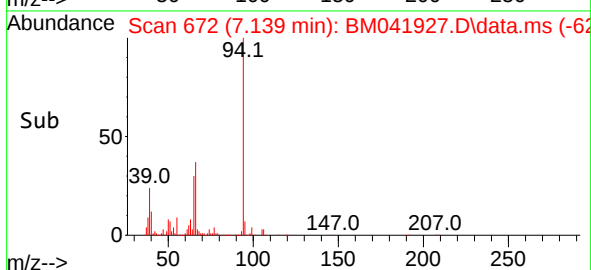
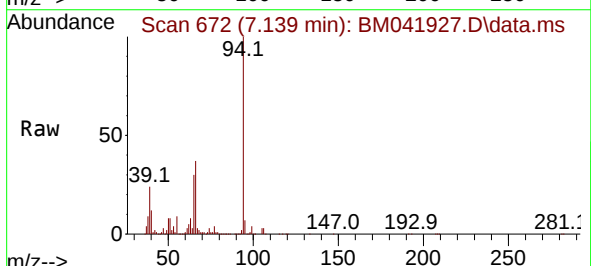
Manual Integrations
APPROVED

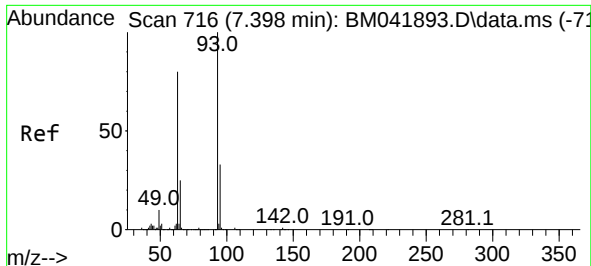
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#10
Phenol
Concen: 57.857 ng
RT: 7.139 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

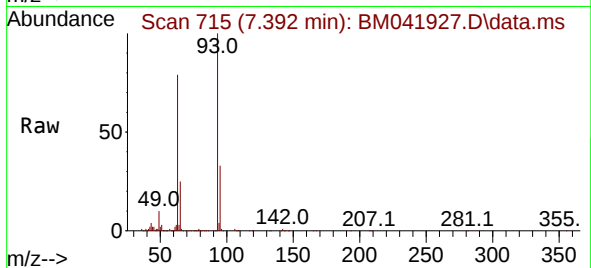
Tgt Ion: 94 Resp: 1394171
Ion Ratio Lower Upper
94 100
65 29.5 9.1 49.1
66 37.2 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 51.030 ng
RT: 7.392 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

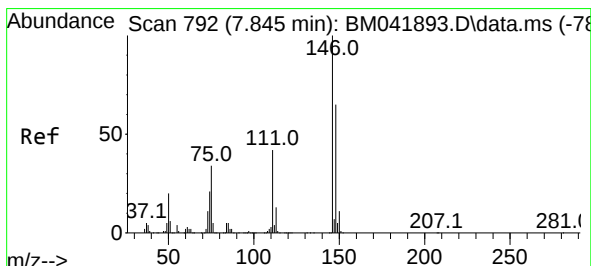
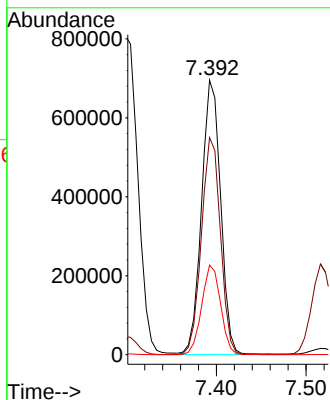
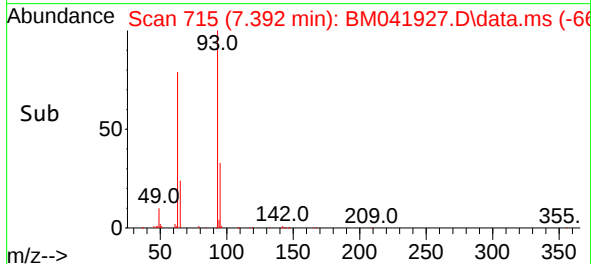
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



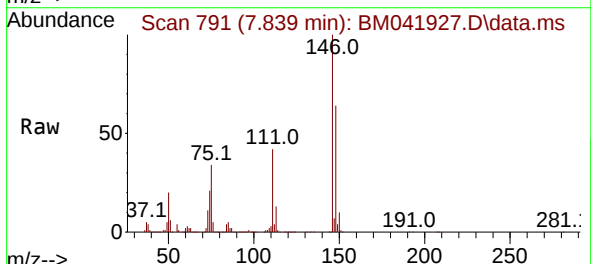
Tgt Ion: 93 Resp: 102572
Ion Ratio Lower Upper
93 100
63 79.1 59.5 99.5
95 32.6 12.9 52.9

Manual Integrations
APPROVED

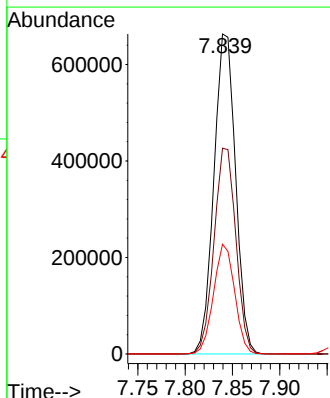
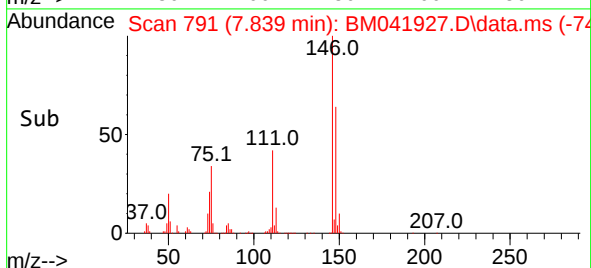
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

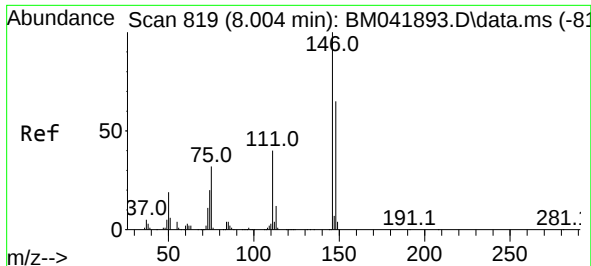


#12
1,3-Dichlorobenzene
Concen: 52.646 ng
RT: 7.839 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



Tgt Ion:146 Resp: 1058143
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
75 34.3 27.2 40.8





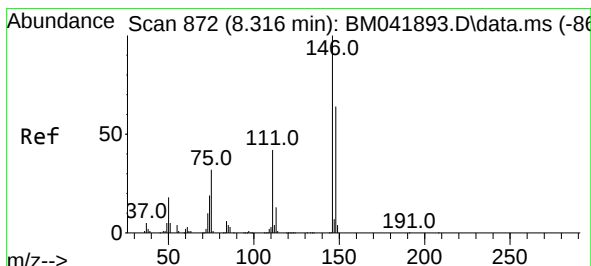
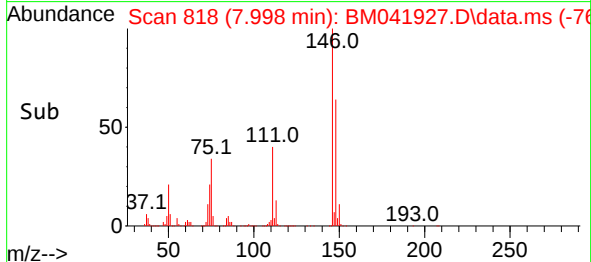
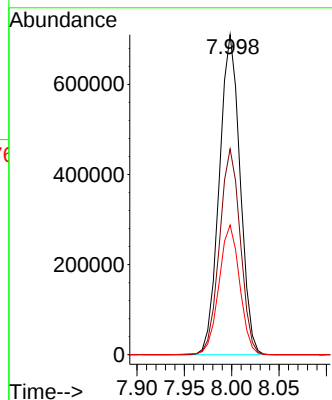
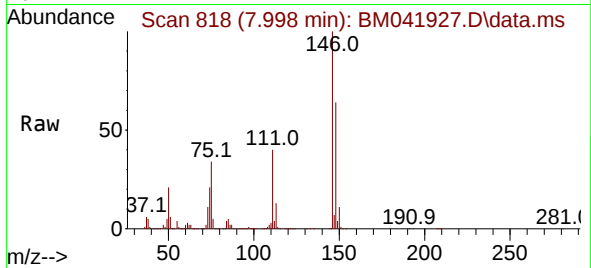
#13
1,4-Dichlorobenzene
Concen: 53.155 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

Instrument :
BNA_M
ClientSampleId :
PILE-1MSD

Tgt Ion:146 Resp: 108558
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
111 40.5 32.1 48.1

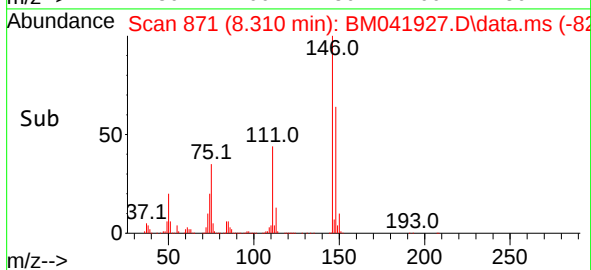
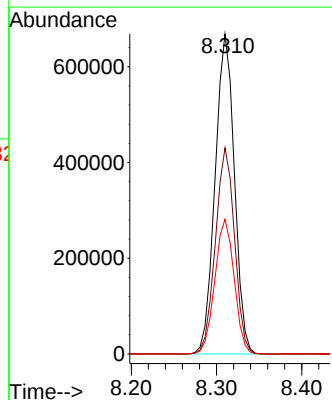
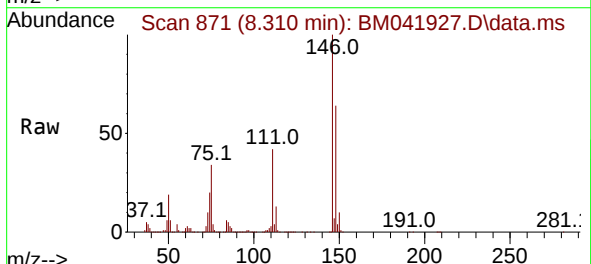
Manual Integrations
APPROVED

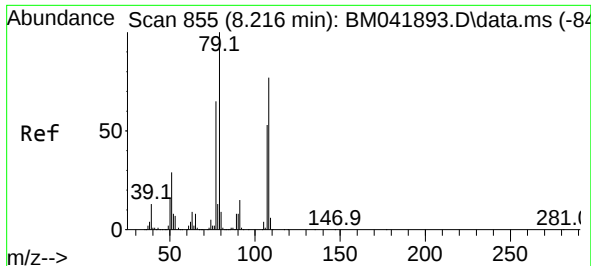
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#14
1,2-Dichlorobenzene
Concen: 53.529 ng
RT: 8.310 min Scan# 871
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

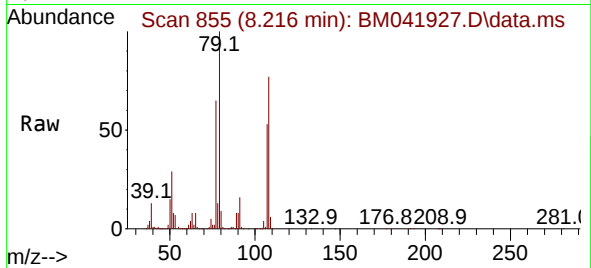
Tgt Ion:146 Resp: 1050836
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 42.1 34.0 51.0





#15
Benzyl Alcohol
Concen: 53.471 ng
RT: 8.216 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

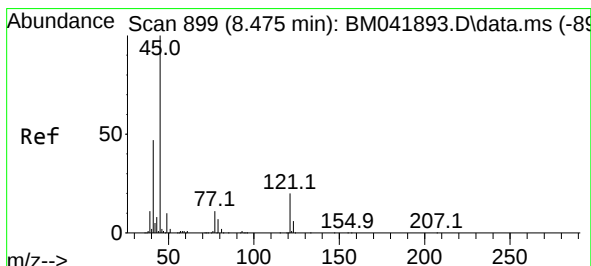
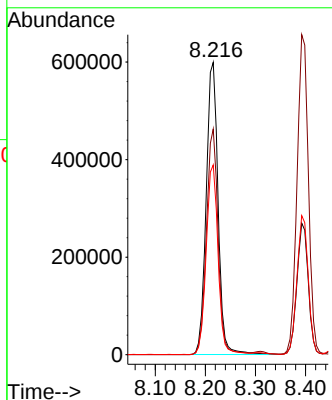
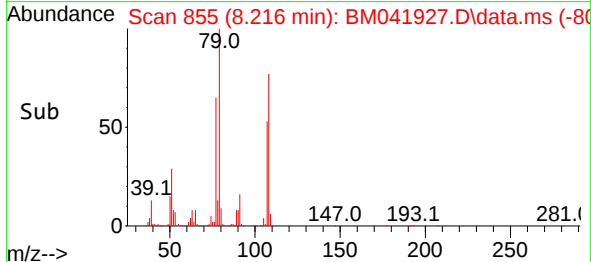
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion: 79 Resp: 991010
Ion Ratio Lower Upper
79 100
108 77.2 61.4 92.0
77 64.9 52.0 78.0

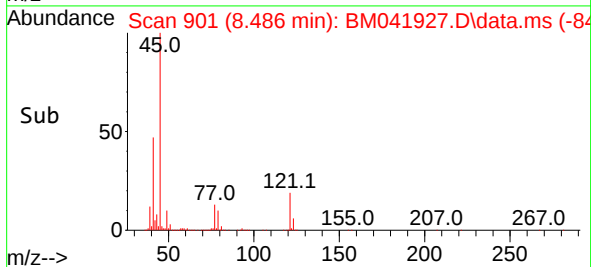
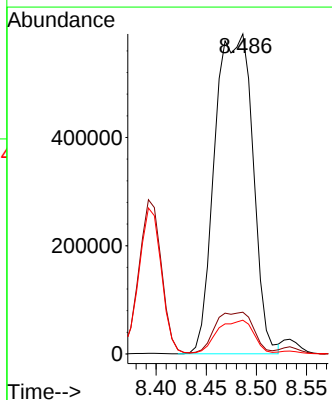
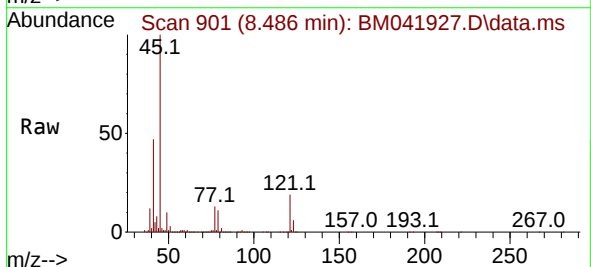
Manual Integrations
APPROVED

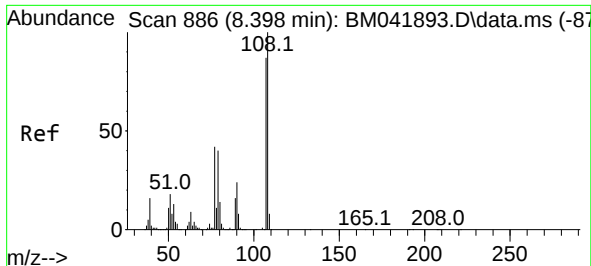
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.621 ng
RT: 8.486 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

Tgt Ion: 45 Resp: 1556141
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.4
79 10.6 0.0 29.6





#17

2-Methylphenol

Concen: 52.181 ng

RT: 8.392 min Scan# 886

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Instrument :

BNA_M

ClientSampleId :

PILE-1MSD

Tgt Ion:107 Resp: 914318

Ion Ratio Lower Upper

107 100

108 113.8 91.9 137.9

77 49.4 39.0 58.6

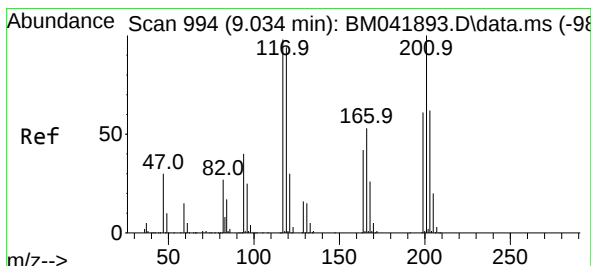
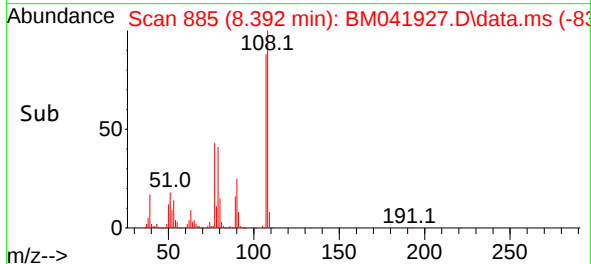
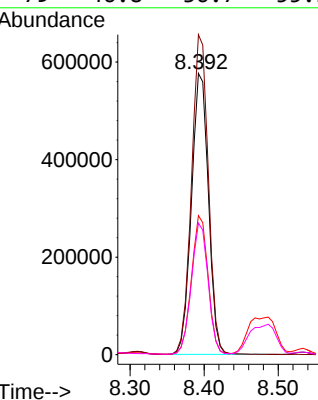
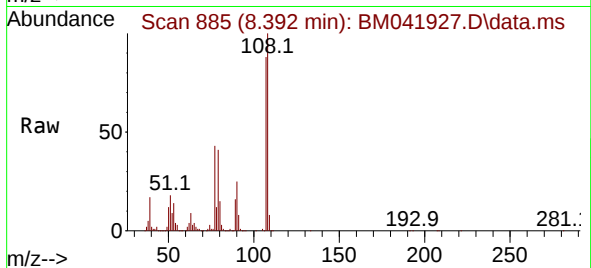
79 46.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#18

Hexachloroethane

Concen: 52.059 ng

RT: 9.028 min Scan# 993

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

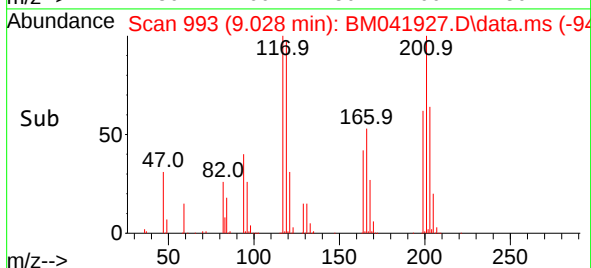
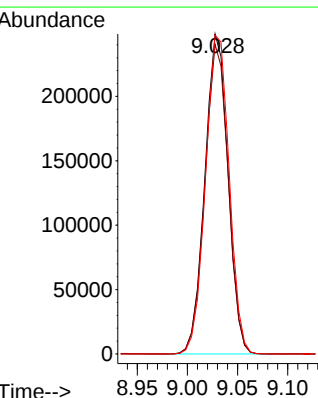
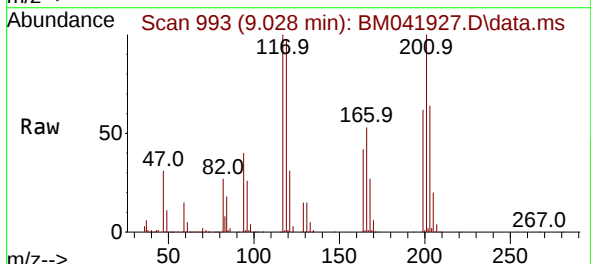
Tgt Ion:117 Resp: 399637

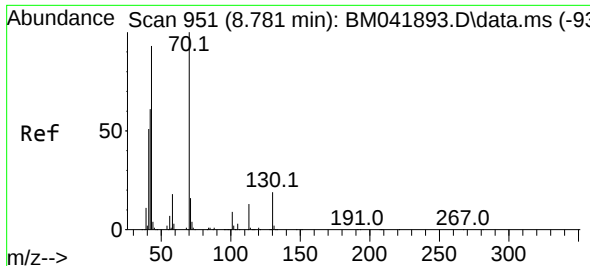
Ion Ratio Lower Upper

117 100

119 96.7 77.2 115.8

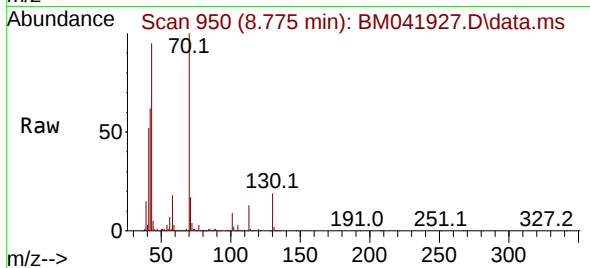
201 99.7 81.9 122.9





#19
n-Nitroso-di-n-propylamine
Concen: 49.785 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

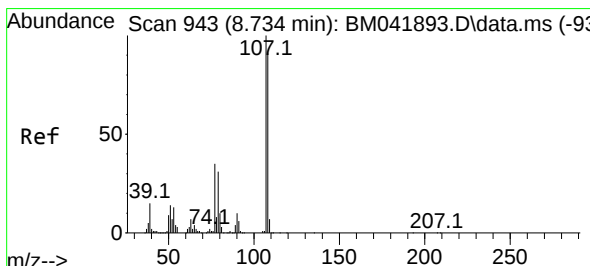
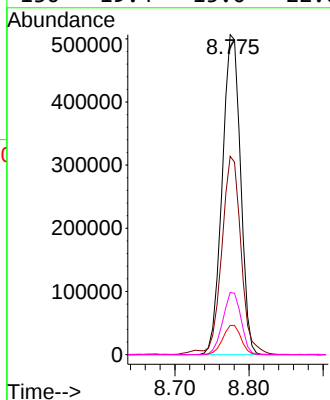
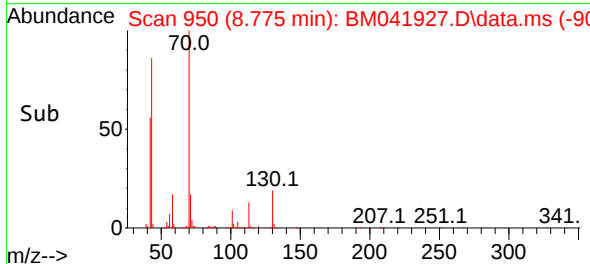
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion: 70 Resp: 86879
Ion Ratio Lower Upper
70 100
42 62.0 49.2 73.8
101 9.1 7.0 10.6
130 19.4 15.0 22.6

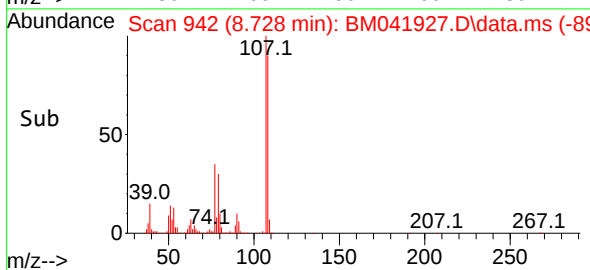
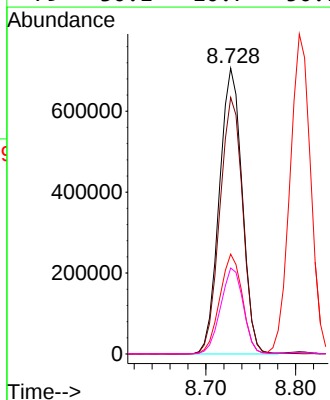
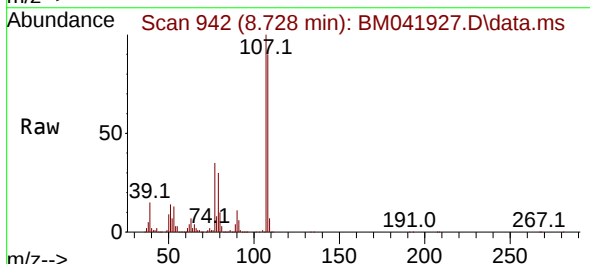
Manual Integrations
APPROVED

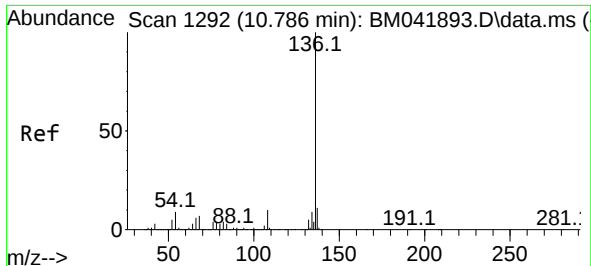
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#20
3+4-Methylphenols
Concen: 51.859 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

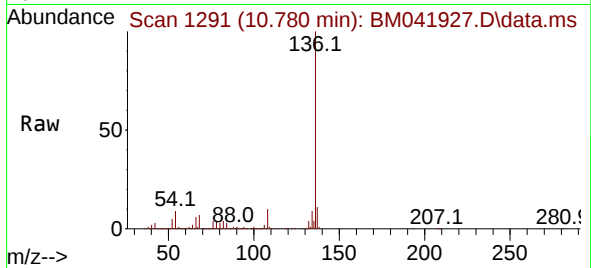
Tgt Ion:107 Resp: 1247249
Ion Ratio Lower Upper
107 100
108 89.8 71.5 111.5
77 34.9 14.9 54.9
79 30.1 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 117022
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

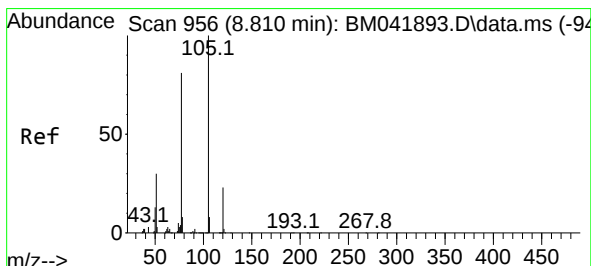
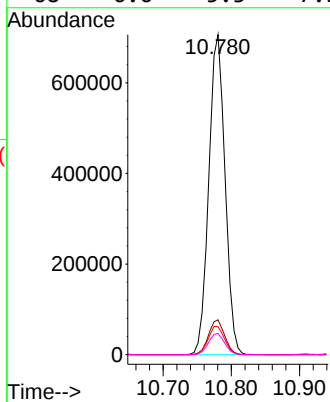
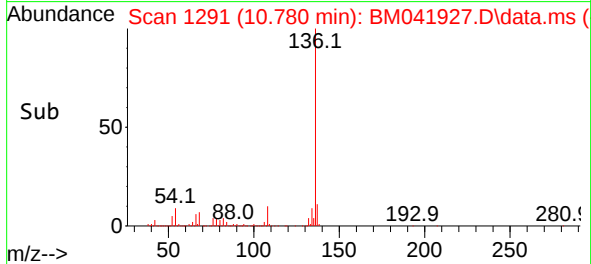
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:136 Resp: 117022
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.0 10.4
68 6.6 5.3 7.9

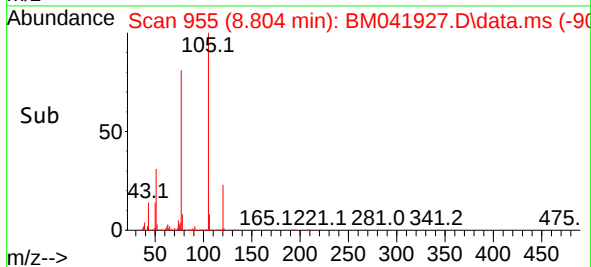
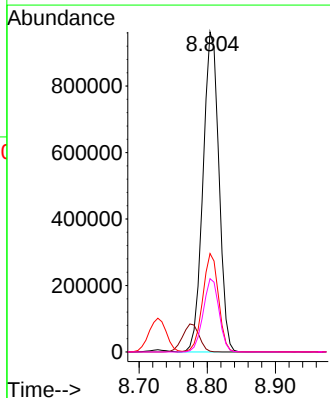
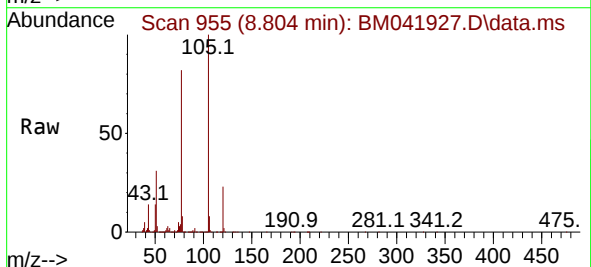
Manual Integrations
APPROVED

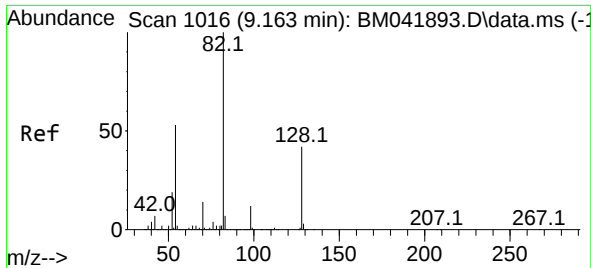
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#22
Acetophenone
Concen: 53.414 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

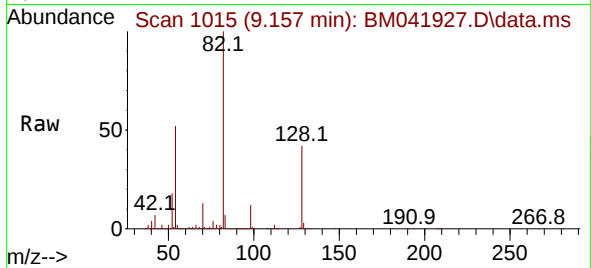
Tgt Ion:105 Resp: 1562571
Ion Ratio Lower Upper
105 100
71 0.2 0.2 0.2#
51 30.7 24.3 36.5
120 22.9 18.2 27.4





#23
Nitrobenzene-d5
Concen: 71.759 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

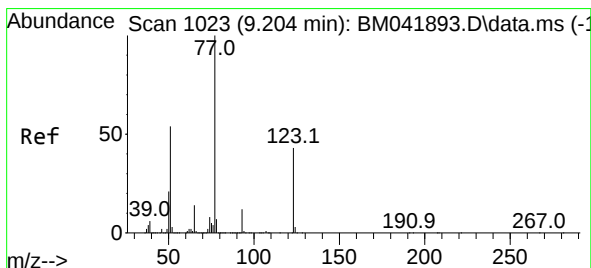
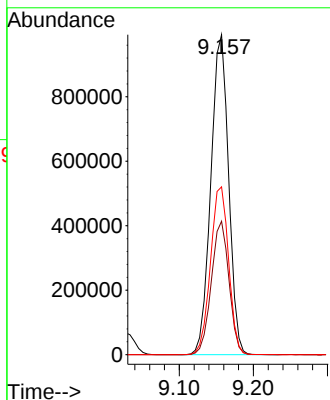
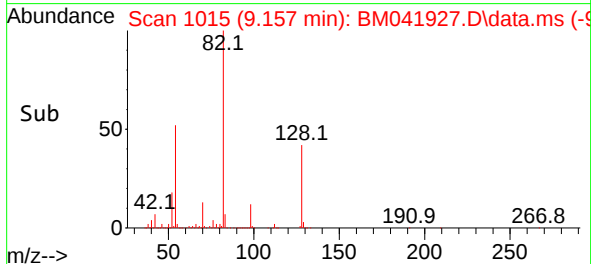
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



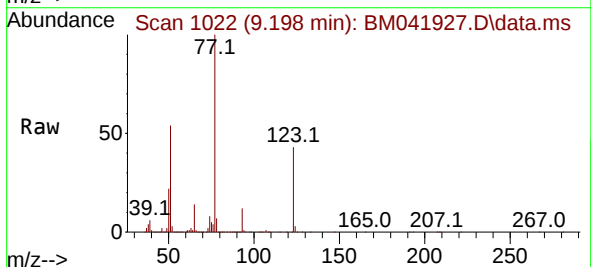
Tgt Ion: 82 Resp: 164929
Ion Ratio Lower Upper
82 100
128 41.7 33.8 50.6
54 52.5 42.8 64.2

Manual Integrations
APPROVED

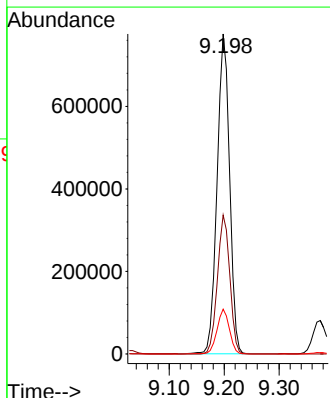
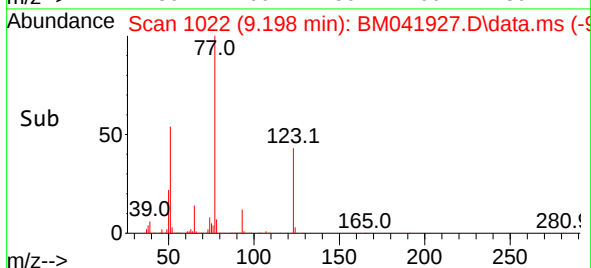
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

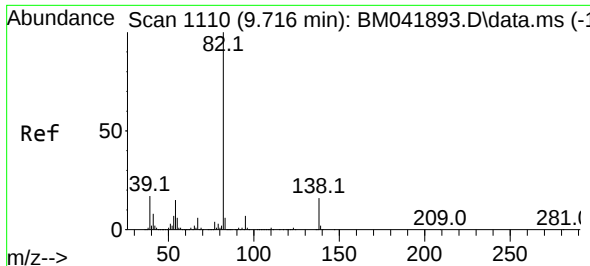


#24
Nitrobenzene
Concen: 53.529 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



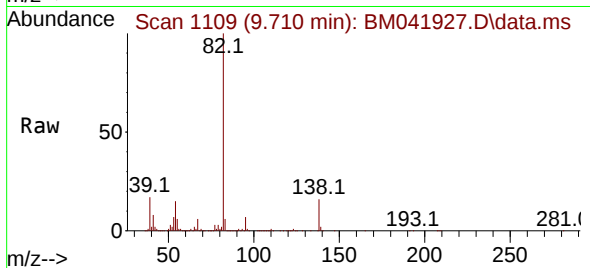
Tgt Ion: 77 Resp: 1221160
Ion Ratio Lower Upper
77 100
123 43.4 34.6 52.0
65 14.0 11.1 16.7





#25
Isophorone
Concen: 51.369 ng
RT: 9.710 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

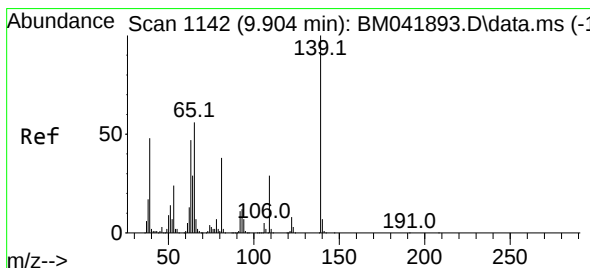
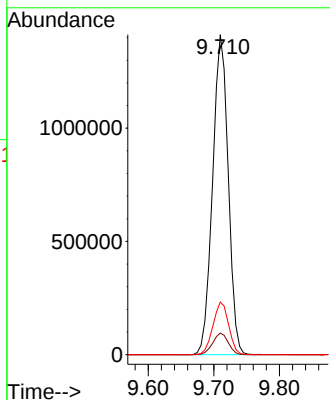
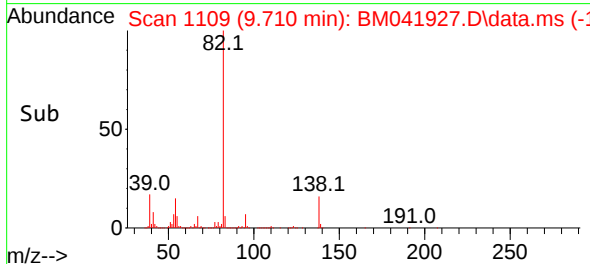
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion: 82 Resp: 233028
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.4 13.1 19.7

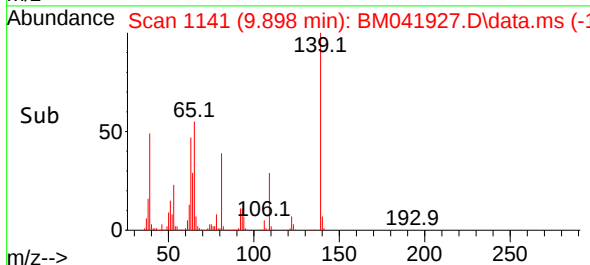
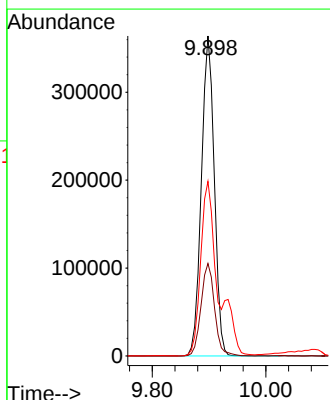
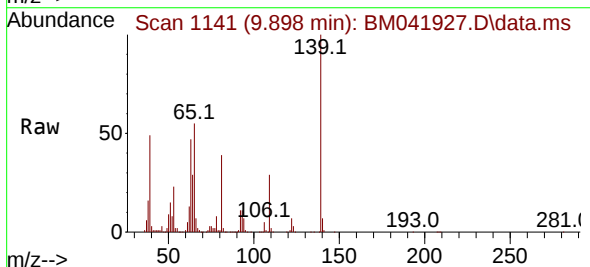
Manual Integrations
APPROVED

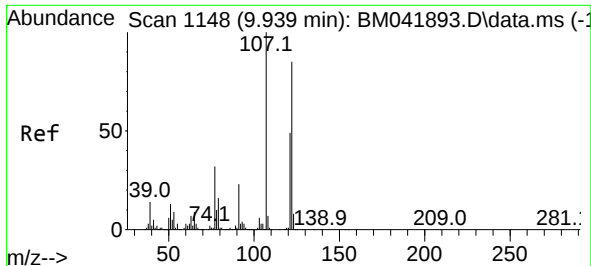
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#26
2-Nitrophenol
Concen: 55.831 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

Tgt Ion:139 Resp: 573666
Ion Ratio Lower Upper
139 100
109 28.9 23.0 34.4
65 54.5 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 51.529 ng

RT: 9.933 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM041927.D

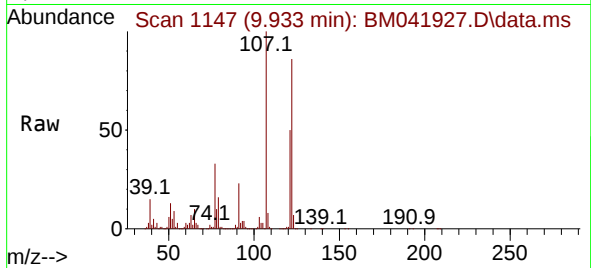
Acq: 20 Sep 2023 05:53

Instrument :

BNA_M

ClientSampleId :

PILE-1MSD



Tgt Ion:122 Resp: 952208

Ion Ratio Lower Upper

122 100

107 116.4 93.8 140.6

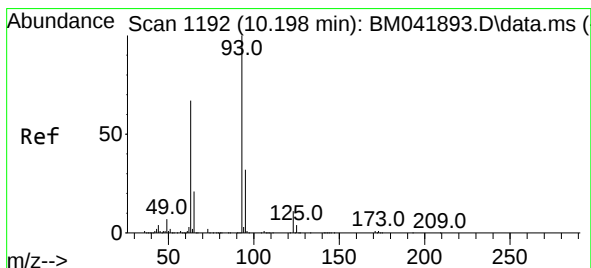
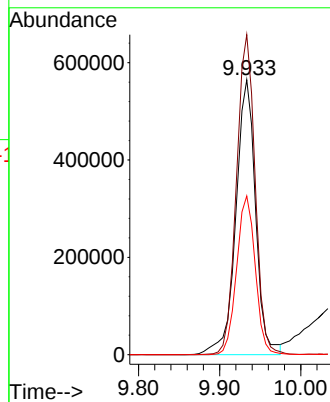
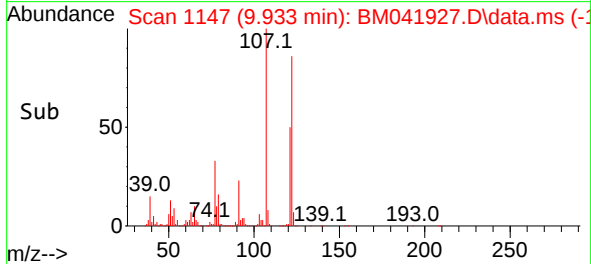
121 57.7 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 53.041 ng

RT: 10.192 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

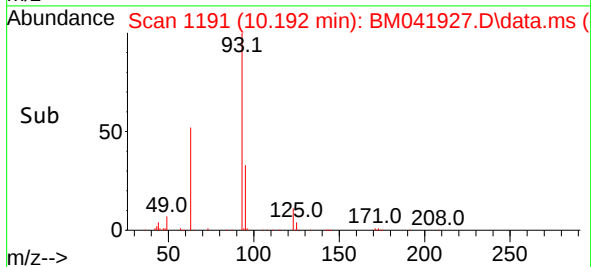
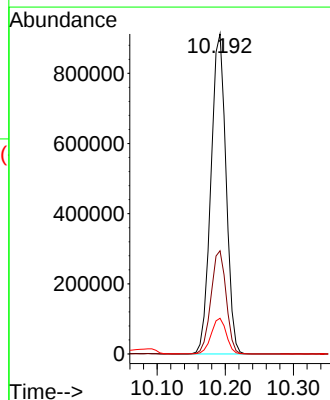
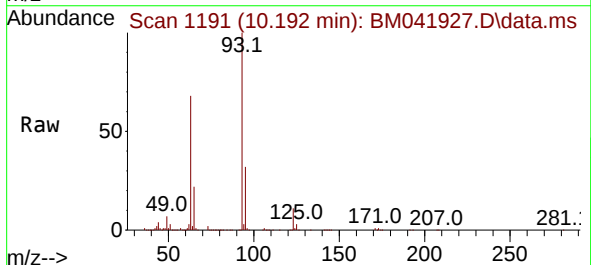
Tgt Ion: 93 Resp: 1406291

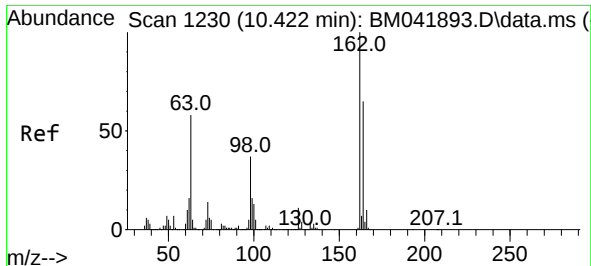
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

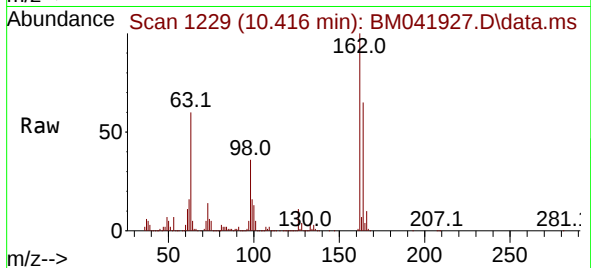
123 11.2 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 58.403 ng
RT: 10.416 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

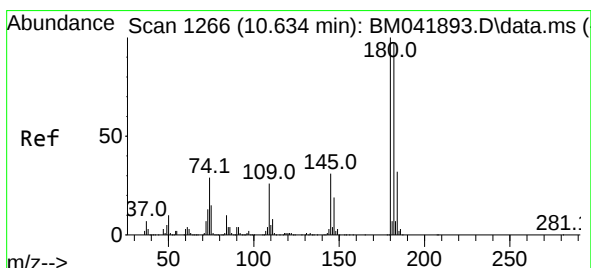
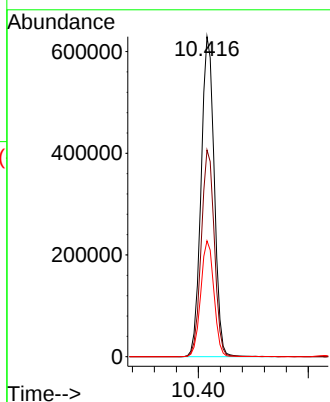
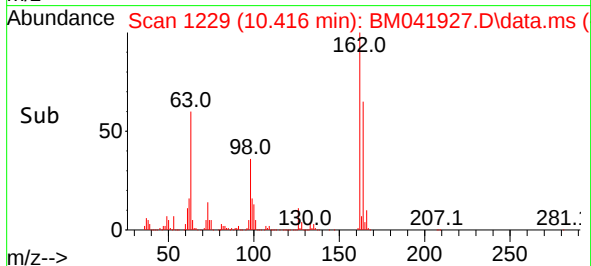
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



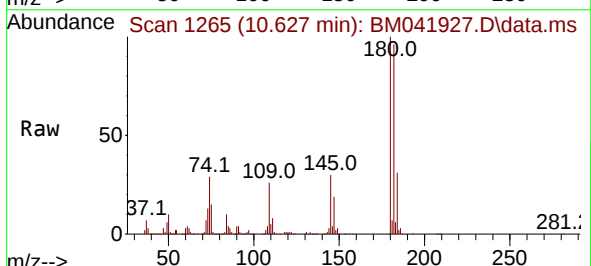
Tgt Ion:162 Resp: 104442
Ion Ratio Lower Upper
162 100
164 64.6 45.2 85.2
98 36.2 16.7 56.7

Manual Integrations
APPROVED

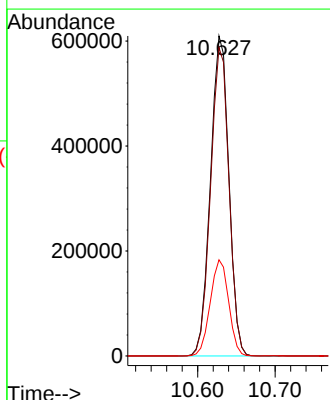
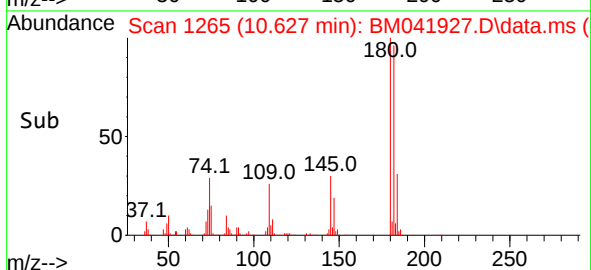
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

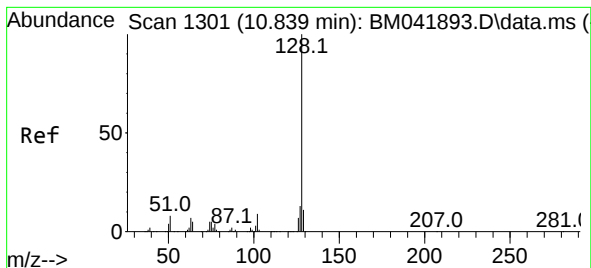


#30
1,2,4-Trichlorobenzene
Concen: 54.977 ng
RT: 10.627 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



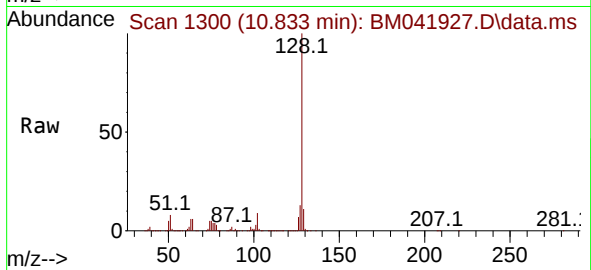
Tgt Ion:180 Resp: 1009397
Ion Ratio Lower Upper
180 100
182 96.4 77.7 116.5
145 30.1 24.6 37.0





#31
Naphthalene
Concen: 52.786 ng
RT: 10.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

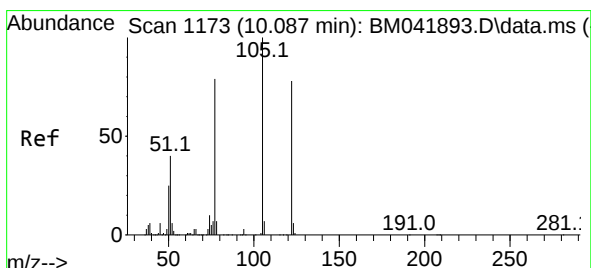
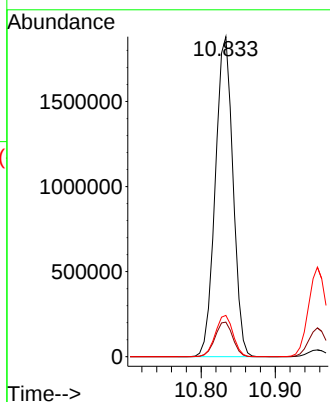
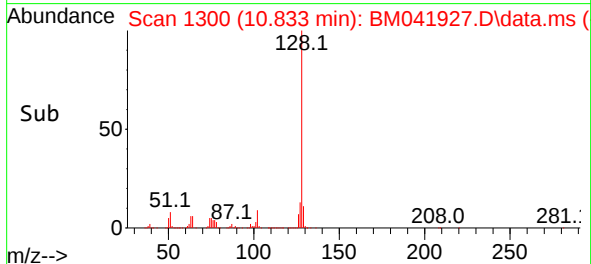
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:128 Resp: 3109790
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.4 15.6

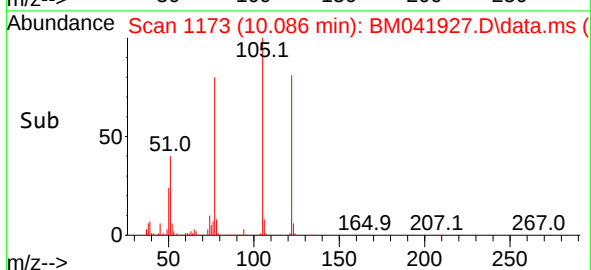
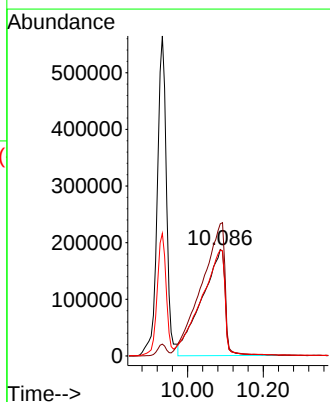
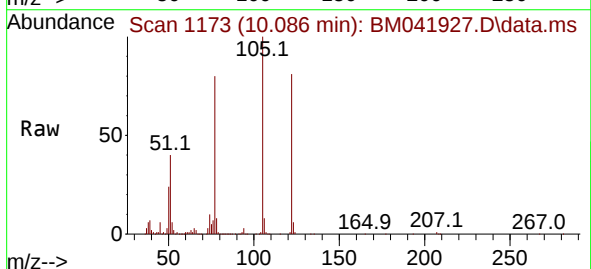
Manual Integrations
APPROVED

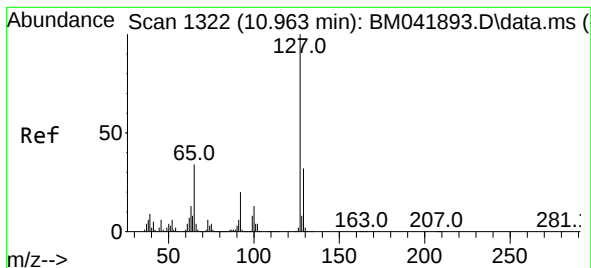
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#32
Benzoic acid
Concen: 54.667 ng
RT: 10.086 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

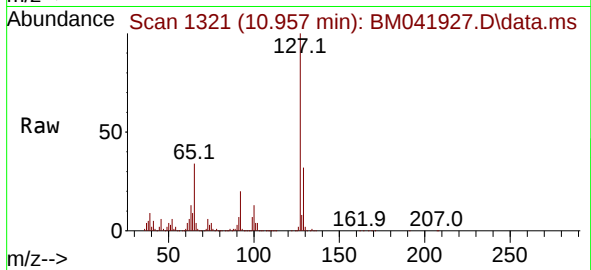
Tgt Ion:122 Resp: 795927
Ion Ratio Lower Upper
122 100
105 124.2 103.7 143.7
77 99.8 79.3 119.3





#33
4-Chloroaniline
Concen: 33.945 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

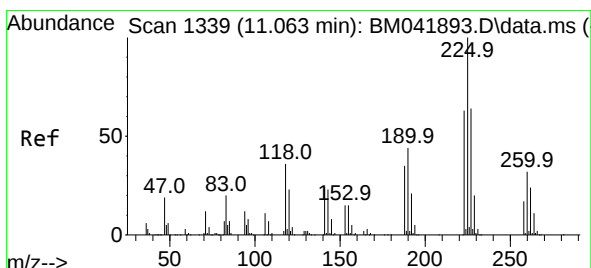
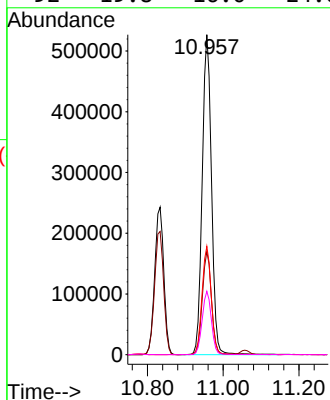
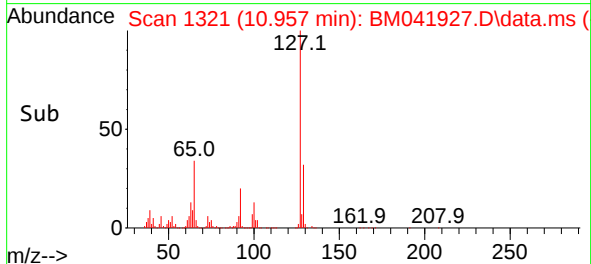
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:127 Resp: 89506
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 33.8 27.3 40.9
92 19.8 16.0 24.0

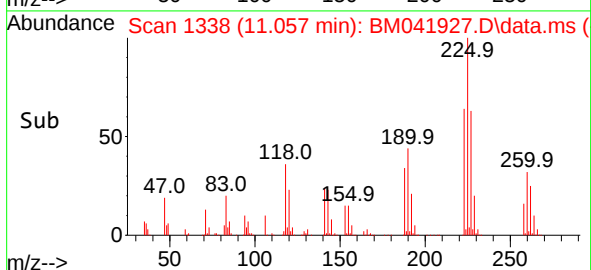
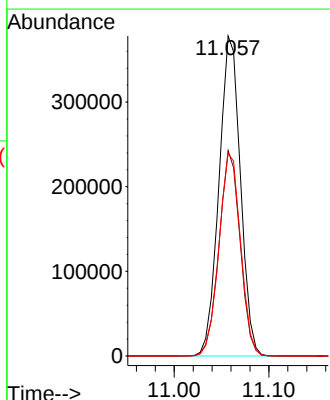
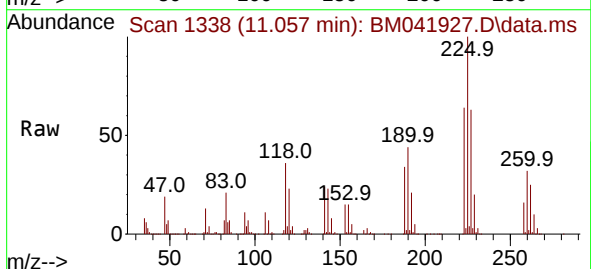
Manual Integrations
APPROVED

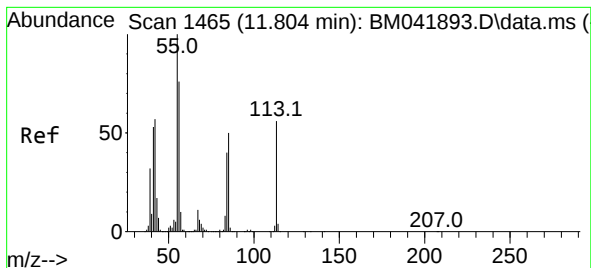
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#34
Hexachlorobutadiene
Concen: 53.034 ng
RT: 11.057 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

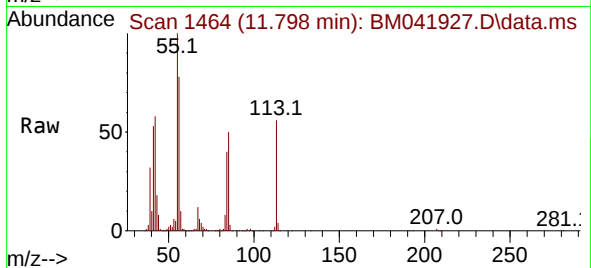
Tgt Ion:225 Resp: 594756
Ion Ratio Lower Upper
225 100
223 64.2 50.7 76.1
227 63.2 51.4 77.0





#35
Caprolactam
Concen: 52.658 ng m
RT: 11.798 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

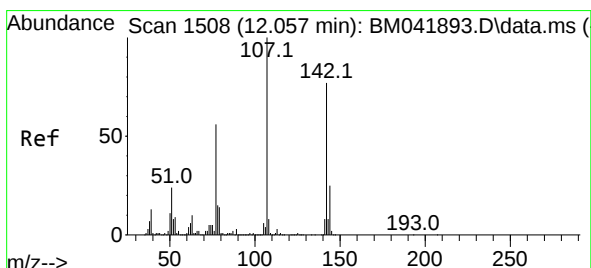
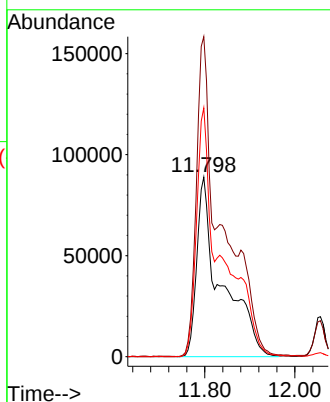
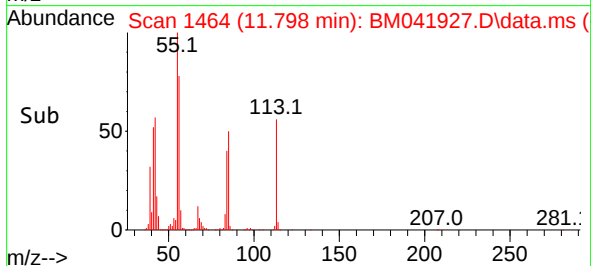
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:113 Resp: 336564
Ion Ratio Lower Upper
113 100
55 178.2 158.5 198.5
56 138.6 115.8 155.8

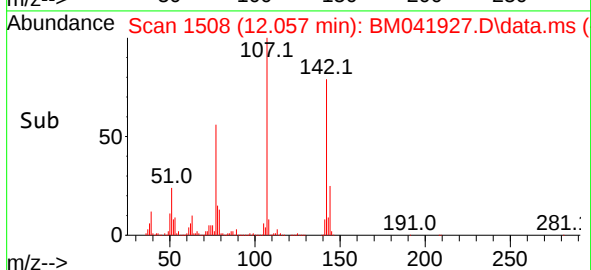
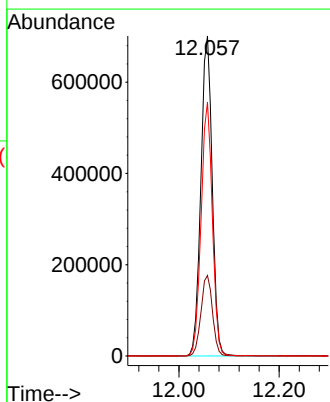
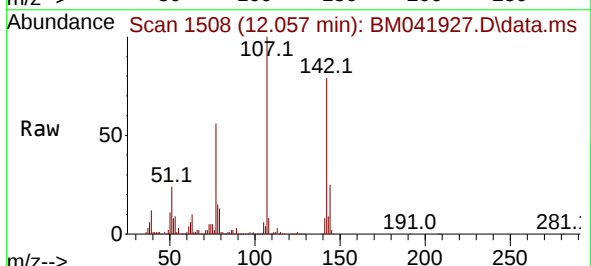
Manual Integrations
APPROVED

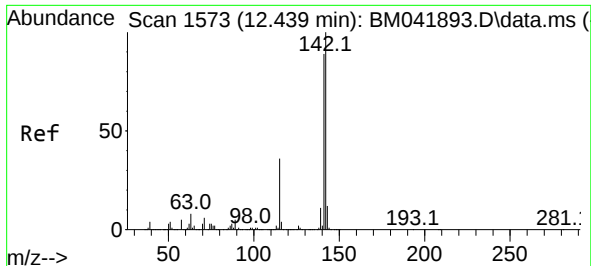
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#36
4-Chloro-3-methylphenol
Concen: 55.415 ng
RT: 12.057 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

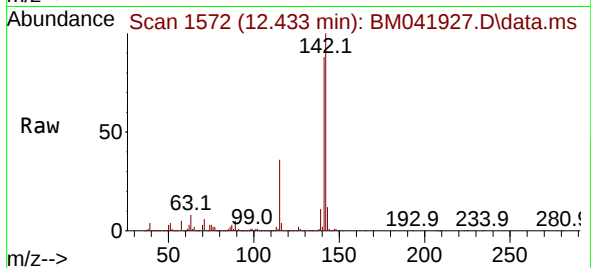
Tgt Ion:107 Resp: 1104397
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 79.3 61.7 92.5





#37
2-Methylnaphthalene
Concen: 49.762 ng
RT: 12.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

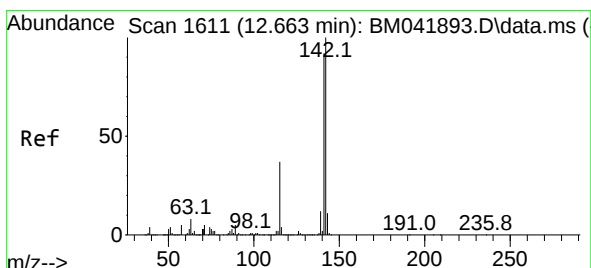
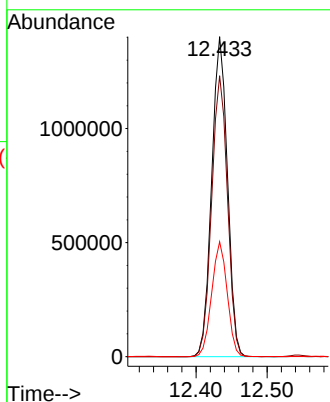
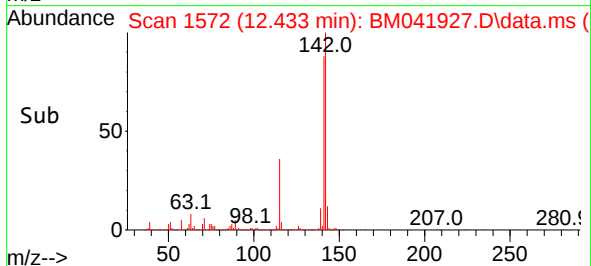
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



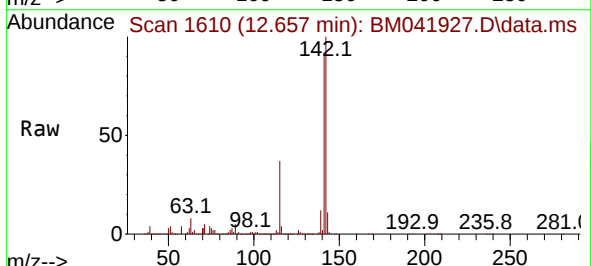
Tgt Ion:142 Resp: 2155529
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3
115 35.9 28.5 42.7

Manual Integrations
APPROVED

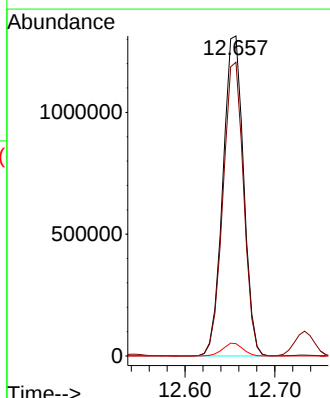
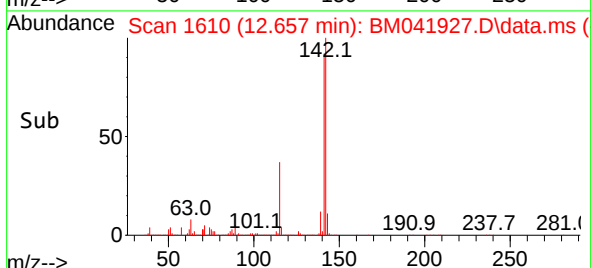
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

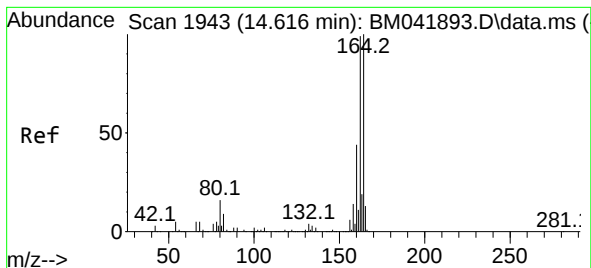


#38
1-Methylnaphthalene
Concen: 51.769 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



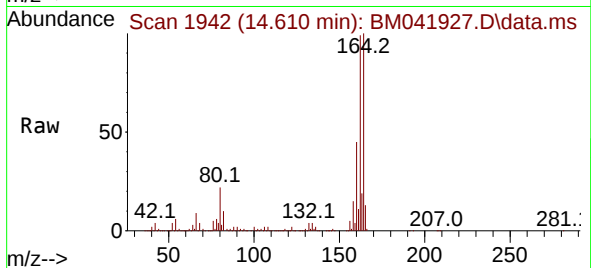
Tgt Ion:142 Resp: 2106074
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

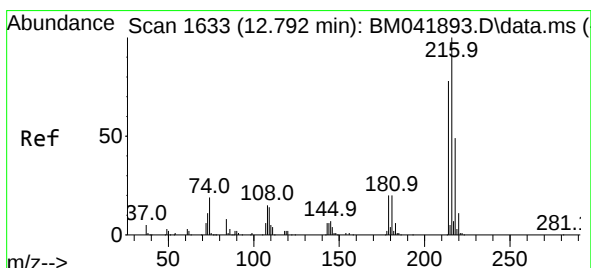
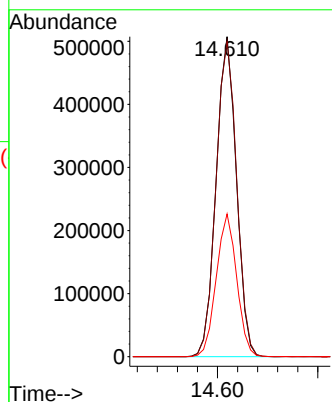
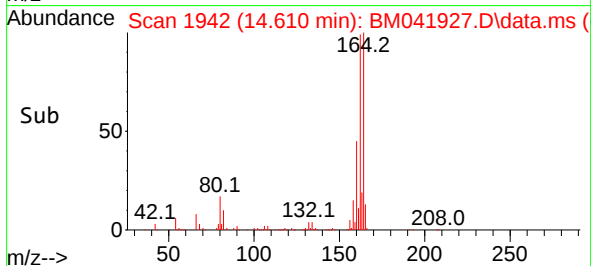
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



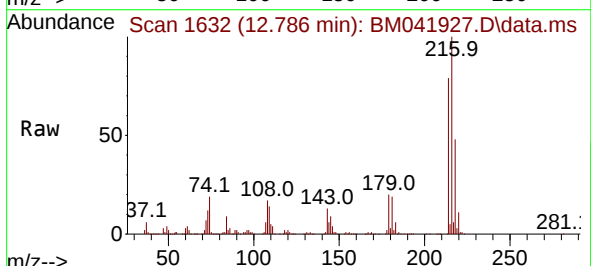
Tgt Ion:164 Resp: 711902
Ion Ratio Lower Upper
164 100
162 98.5 79.3 118.9
160 44.6 35.6 53.4

Manual Integrations
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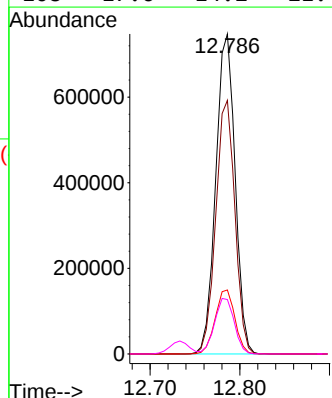
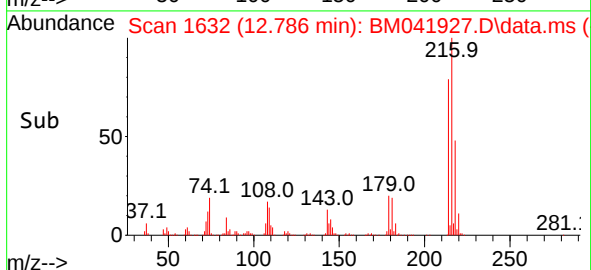
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

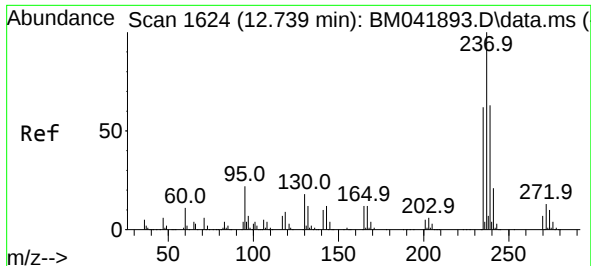


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.069 ng
RT: 12.786 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



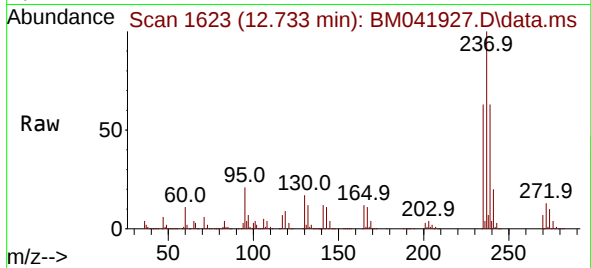
Tgt Ion:216 Resp: 1116305
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 20.4 16.3 24.5
108 17.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 110.811 ng
RT: 12.733 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

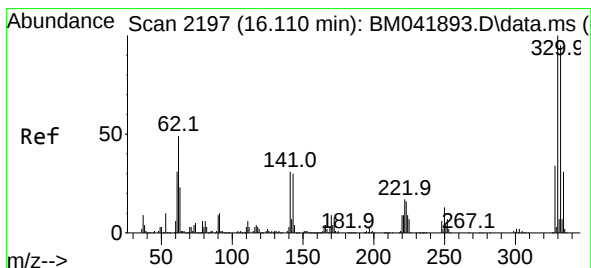
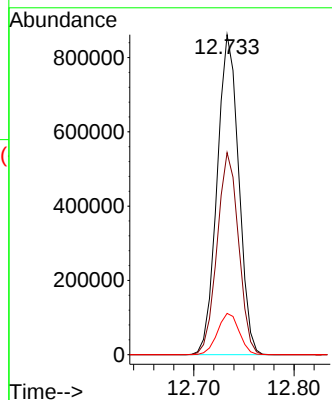
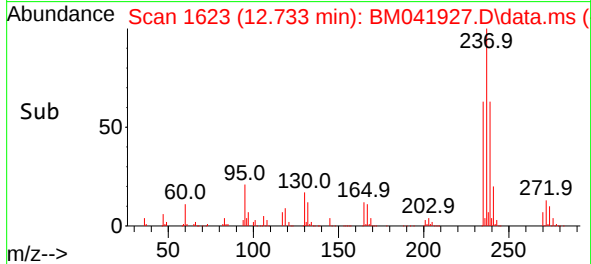
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



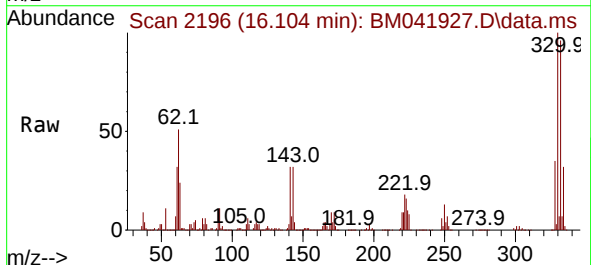
Tgt Ion:237 Resp: 128638
Ion Ratio Lower Upper
237 100
235 63.1 42.0 82.0
272 12.9 0.0 32.9

Manual Integrations
APPROVED

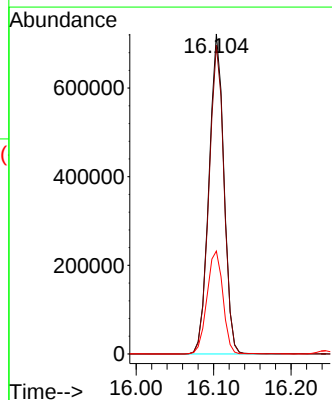
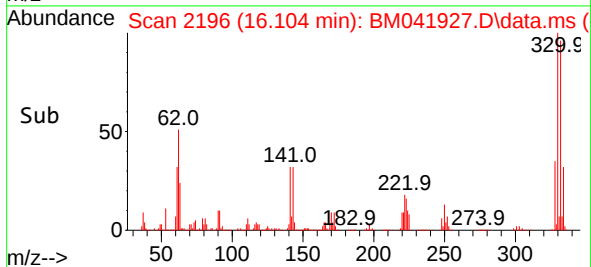
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

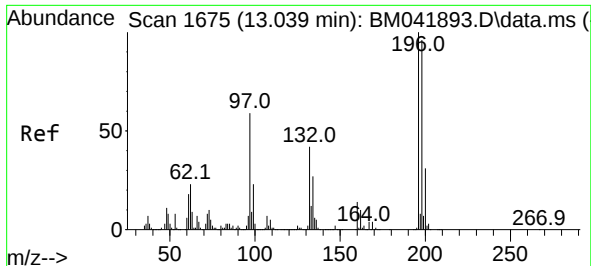


#42
2,4,6-Tribromophenol
Concen: 108.834 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



Tgt Ion:330 Resp: 966704
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 34.2 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 57.484 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Instrument :

BNA_M

ClientSampleId :

PILE-1MSD

Tgt Ion:196 Resp: 80766

Ion Ratio Lower Upper

196 100

198 97.2 76.9 115.3

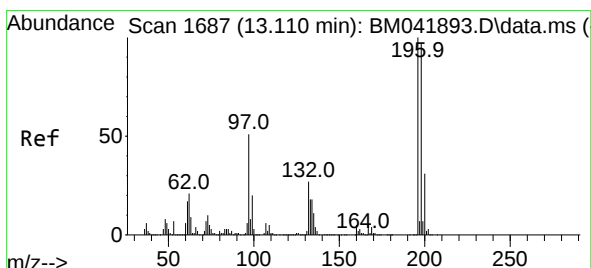
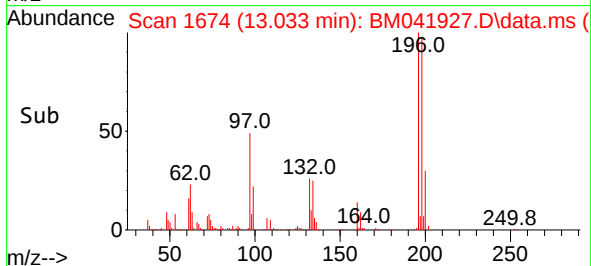
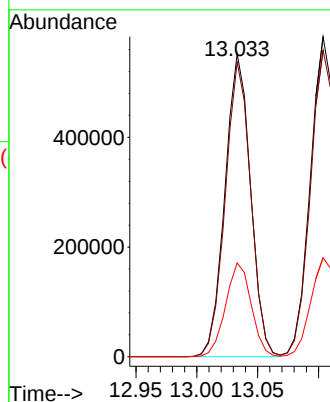
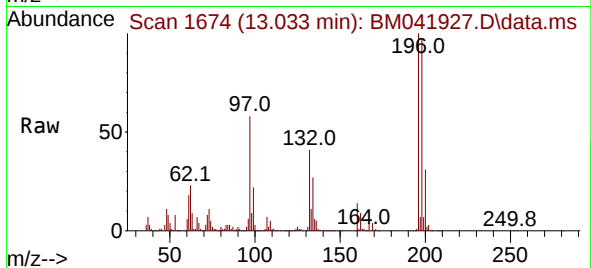
200 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#44

2,4,5-Trichlorophenol

Concen: 53.365 ng

RT: 13.104 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Tgt Ion:196 Resp: 877519

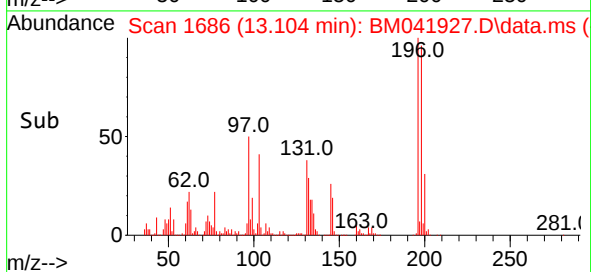
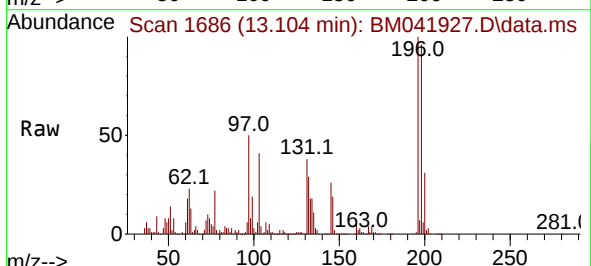
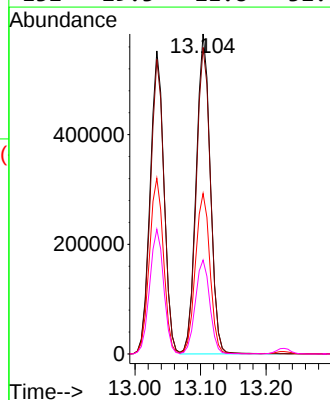
Ion Ratio Lower Upper

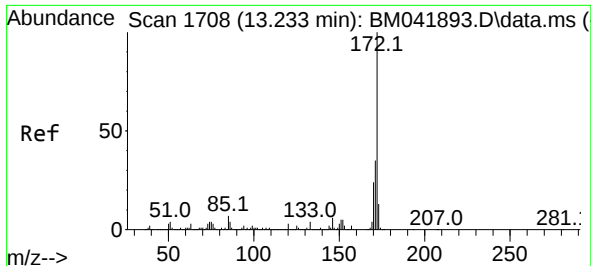
196 100

198 95.8 77.2 115.8

97 50.2 41.1 61.7

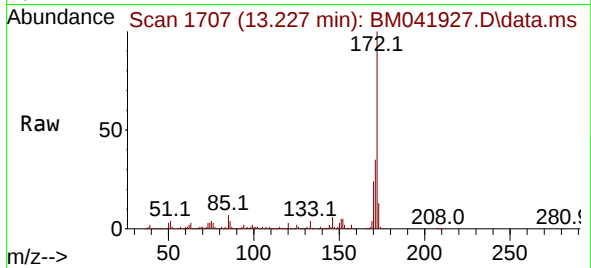
132 29.3 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 73.526 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

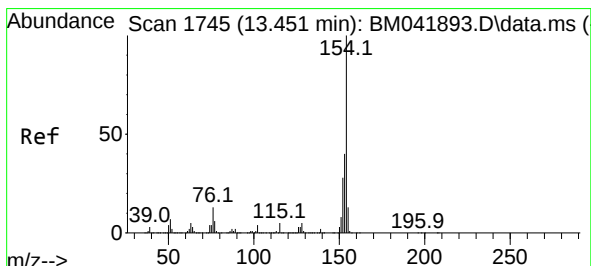
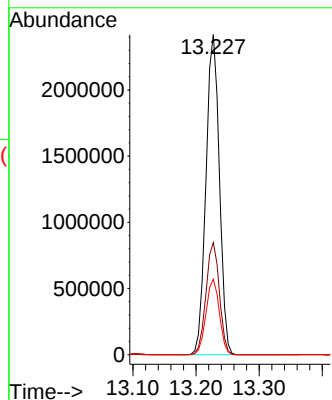
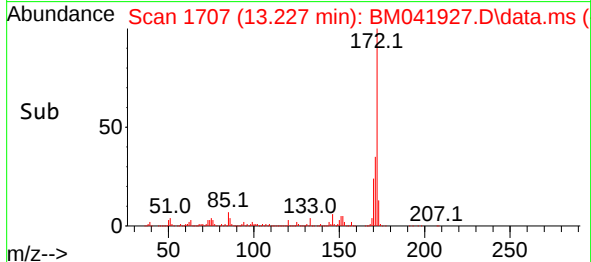
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:172 Resp: 356618
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.6 19.1 28.7

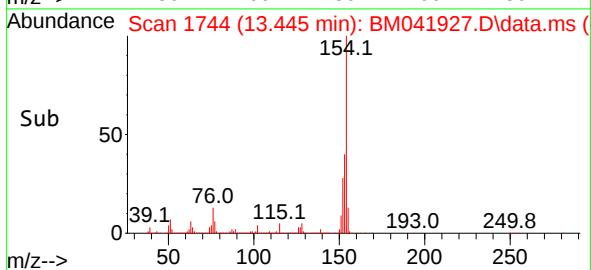
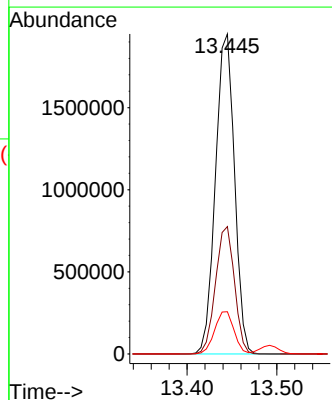
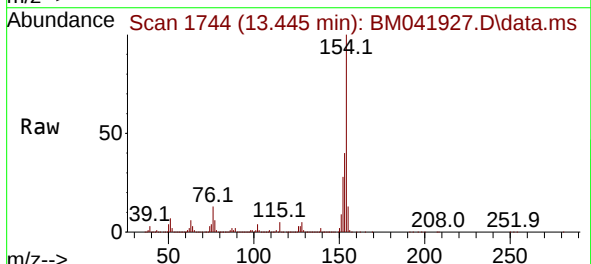
Manual Integrations
APPROVED

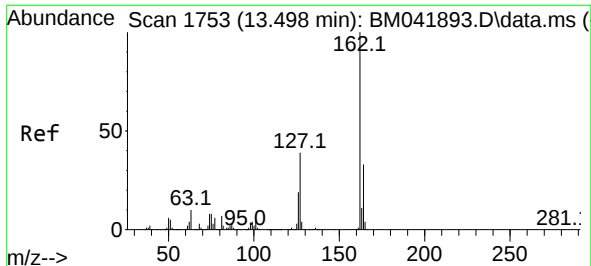
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#46
1,1'-Biphenyl
Concen: 54.561 ng
RT: 13.445 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

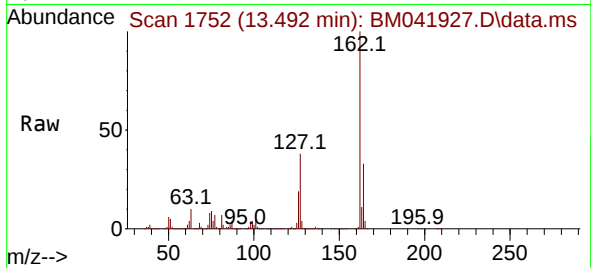
Tgt Ion:154 Resp: 2865851
Ion Ratio Lower Upper
154 100
153 39.8 19.9 59.9
76 13.2 0.0 33.1





#47
2-Chloronaphthalene
Concen: 57.024 ng
RT: 13.492 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

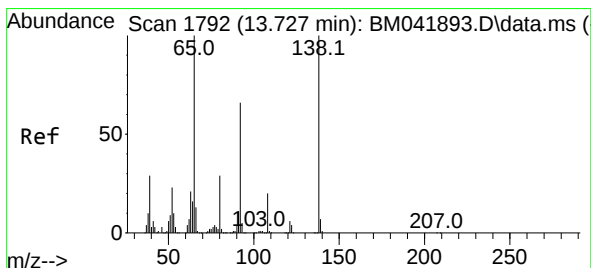
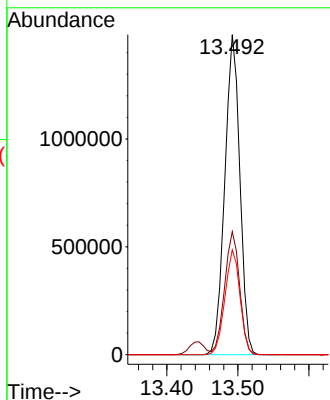
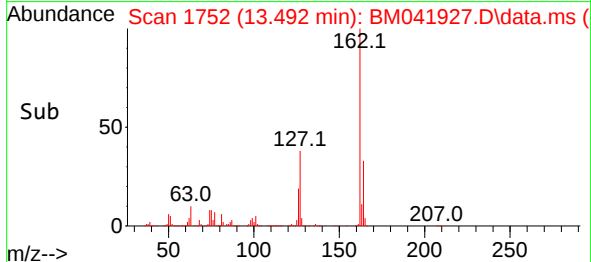
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:162 Resp: 2181274
Ion Ratio Lower Upper
162 100
127 38.4 31.0 46.4
164 32.8 26.1 39.1

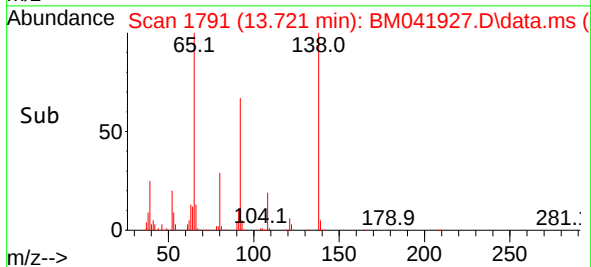
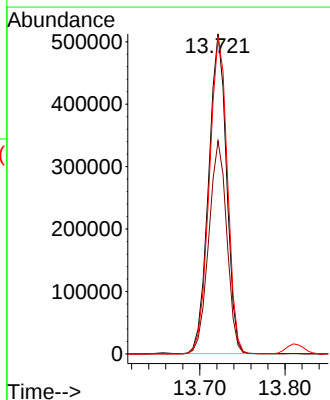
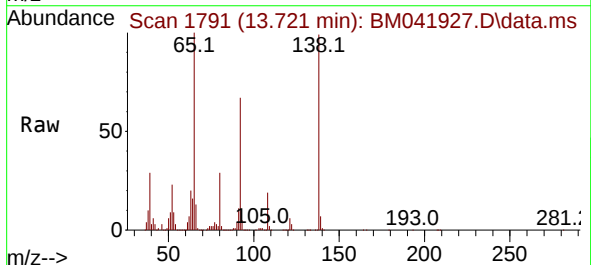
Manual Integrations
APPROVED

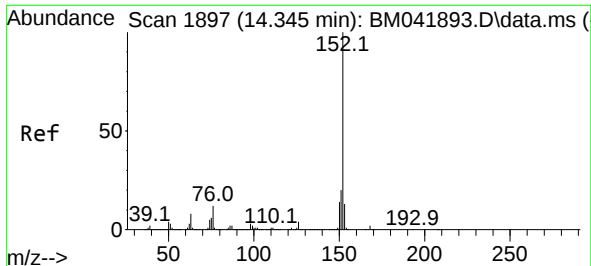
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#48
2-Nitroaniline
Concen: 54.901 ng
RT: 13.721 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

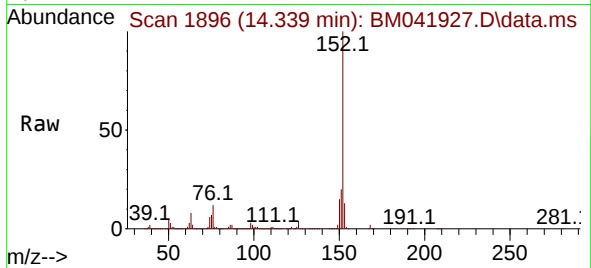
Tgt Ion: 65 Resp: 750413
Ion Ratio Lower Upper
65 100
92 66.6 52.8 79.2
138 99.1 80.3 120.5





#49
Acenaphthylene
Concen: 56.708 ng
RT: 14.339 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

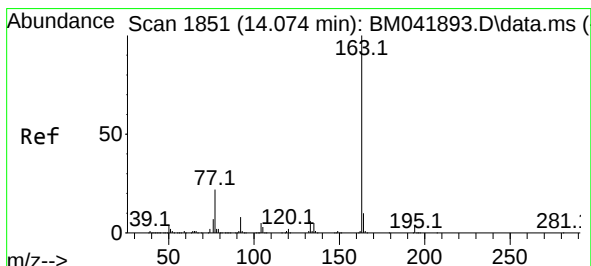
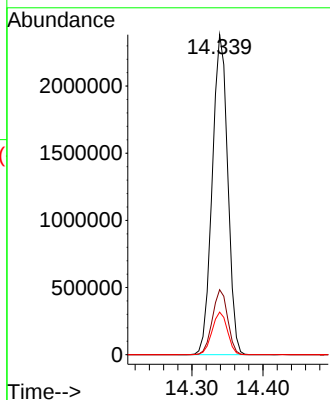
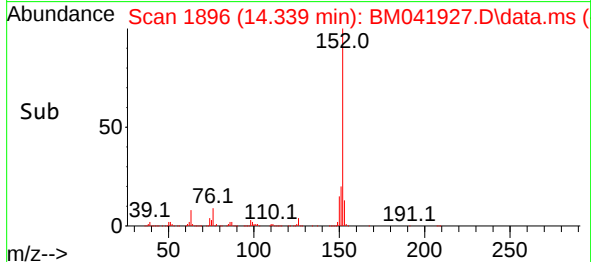
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



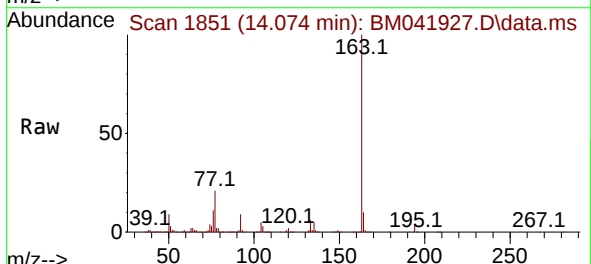
Tgt Ion:152 Resp: 3599860
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.3 10.5 15.7

Manual Integrations
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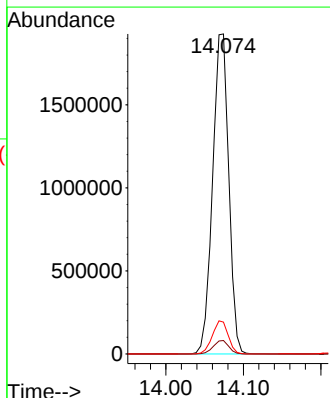
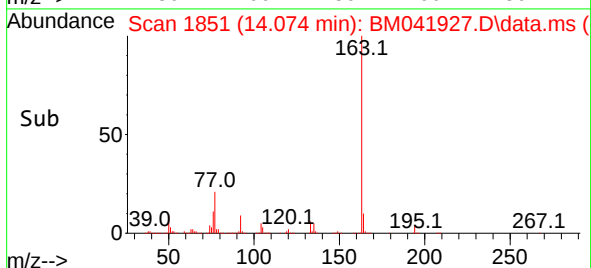
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

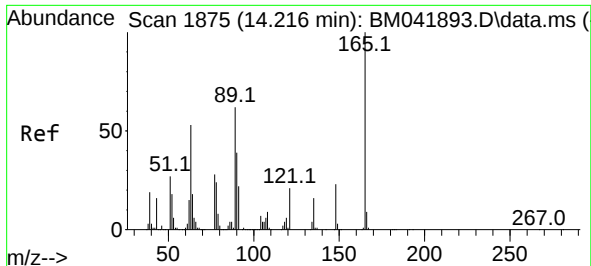


#50
Dimethylphthalate
Concen: 52.936 ng
RT: 14.074 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



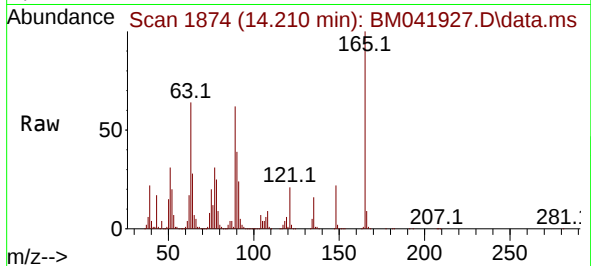
Tgt Ion:163 Resp: 2786009
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 54.764 ng
RT: 14.210 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

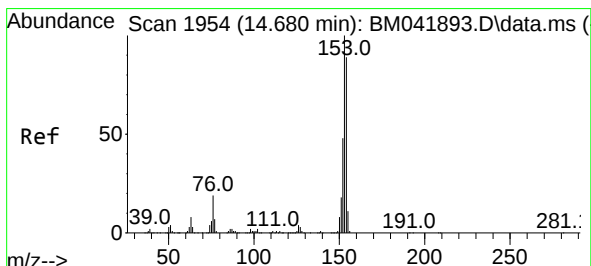
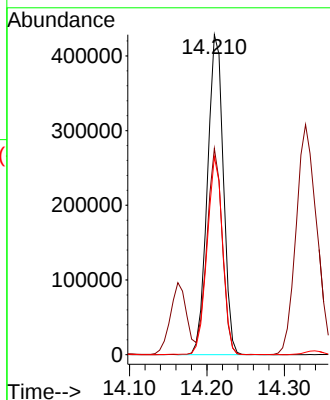
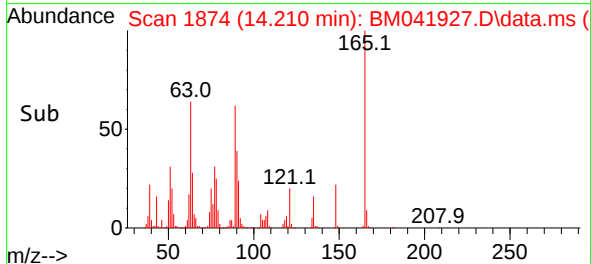
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



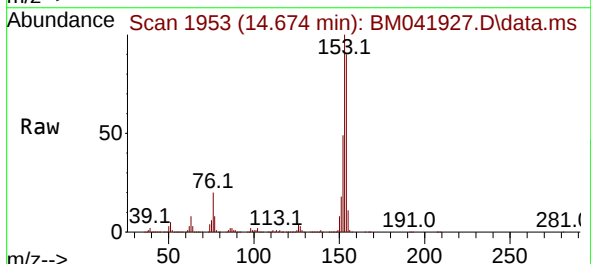
Tgt Ion:165 Resp: 610802
Ion Ratio Lower Upper
165 100
63 64.4 50.2 75.2
89 61.8 49.3 73.9

Manual Integrations
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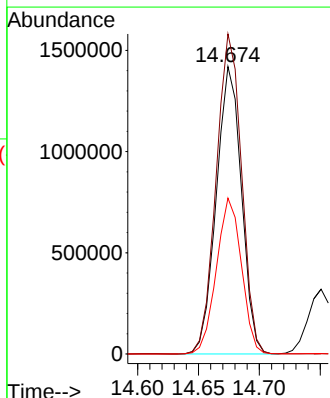
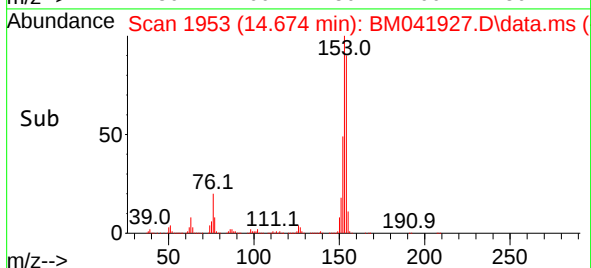
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

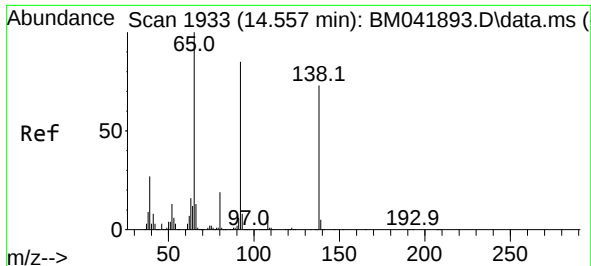


#52
Acenaphthene
Concen: 53.532 ng
RT: 14.674 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



Tgt Ion:154 Resp: 2043934
Ion Ratio Lower Upper
154 100
153 111.4 90.3 135.5
152 54.3 43.4 65.2





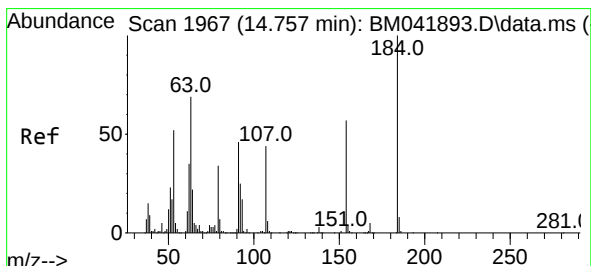
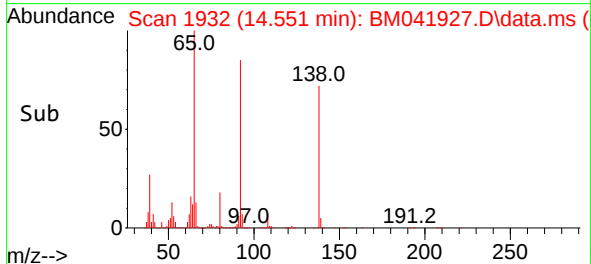
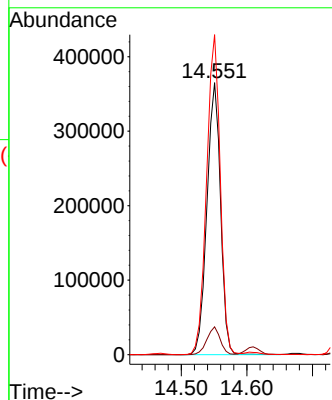
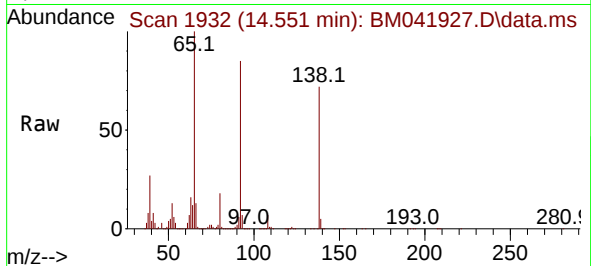
#53
3-Nitroaniline
Concen: 42.269 ng
RT: 14.551 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

Instrument :
BNA_M
ClientSampleId :
PILE-1MSD

Tgt Ion:138 Resp: 527664
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 117.7 93.6 140.4

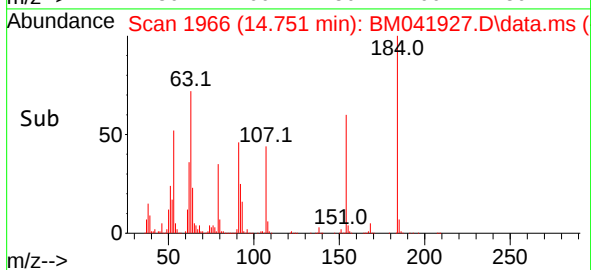
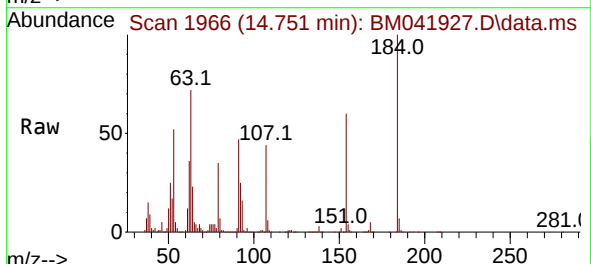
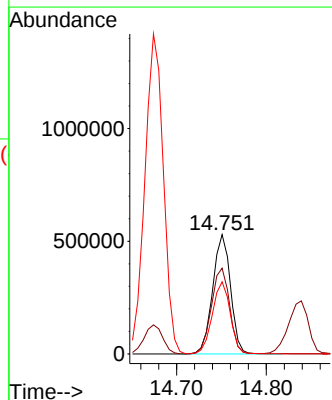
Manual Integrations
APPROVED

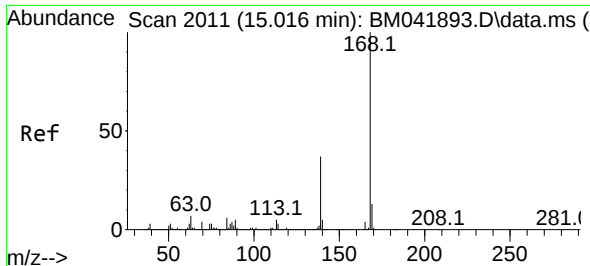
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#54
2,4-Dinitrophenol
Concen: 105.084 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

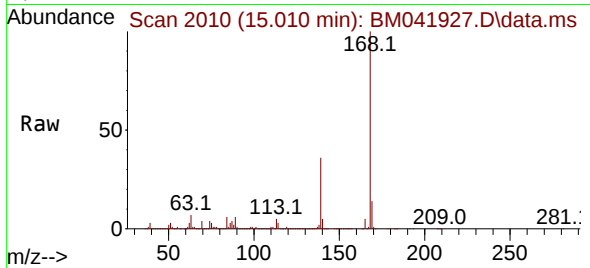
Tgt Ion:184 Resp: 731991
Ion Ratio Lower Upper
184 100
63 71.9 55.8 83.8
154 60.4 48.9 73.3





#55
Dibenzenofuran
Concen: 53.006 ng
RT: 15.010 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

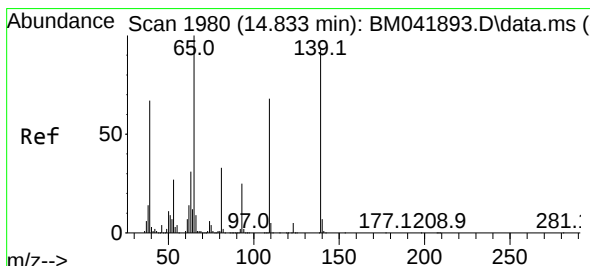
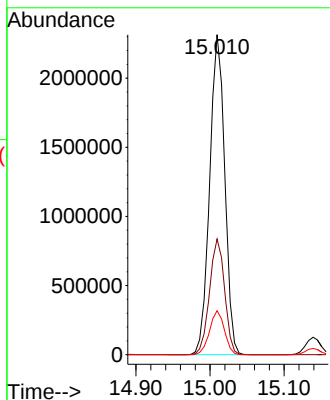
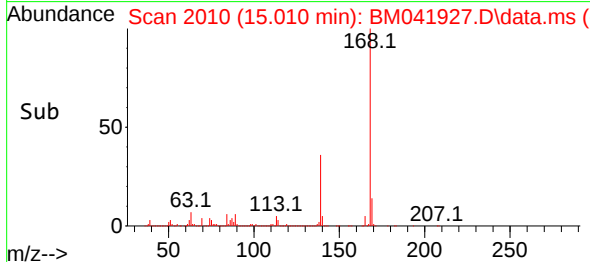
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:168 Resp: 326693
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.2
169 13.7 10.8 16.2

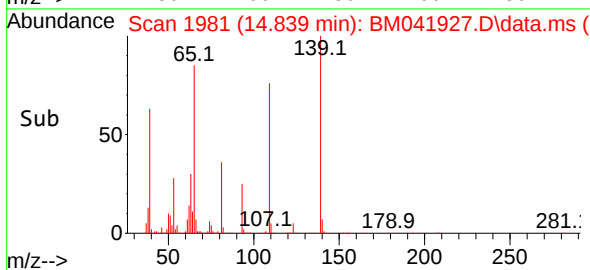
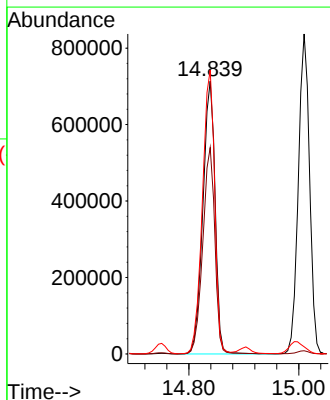
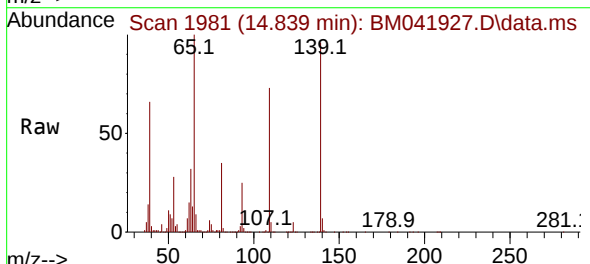
Manual Integrations
APPROVED

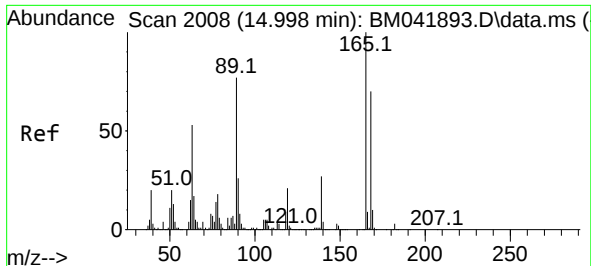
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#56
4-Nitrophenol
Concen: 111.303 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

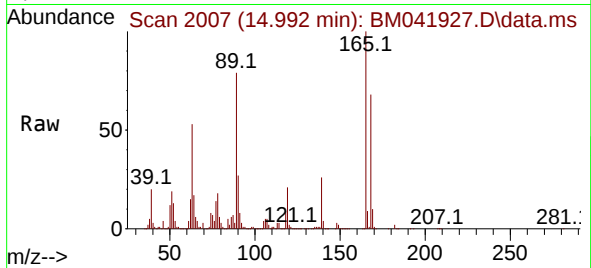
Tgt Ion:139 Resp: 1101974
Ion Ratio Lower Upper
139 100
109 75.7 53.4 93.4
65 104.1 87.4 127.4





#57
2,4-Dinitrotoluene
Concen: 54.857 ng
RT: 14.992 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

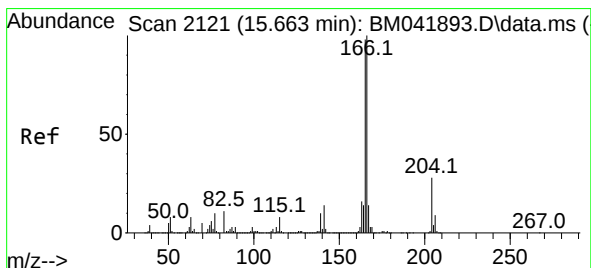
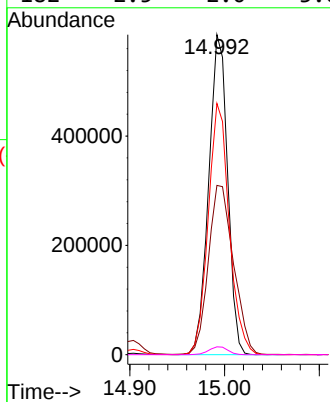
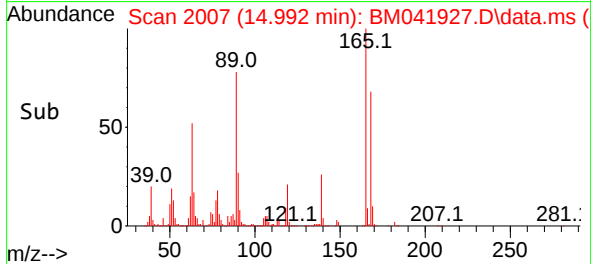
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:165 Resp: 80949
Ion Ratio Lower Upper
165 100
63 52.9 42.3 63.5
89 78.5 61.8 92.6
182 2.5 2.0 3.0

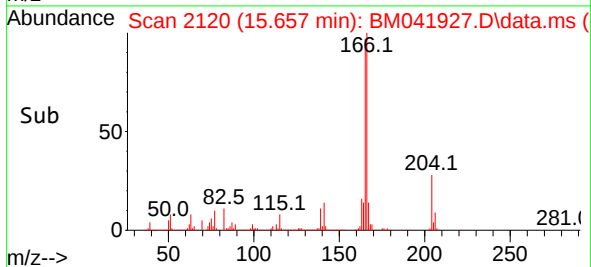
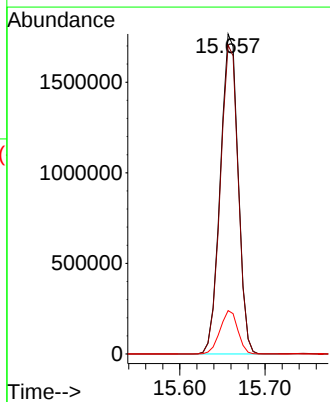
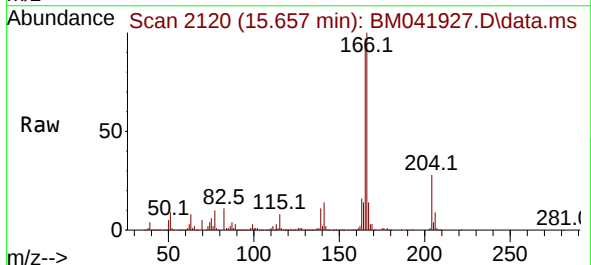
Manual Integrations
APPROVED

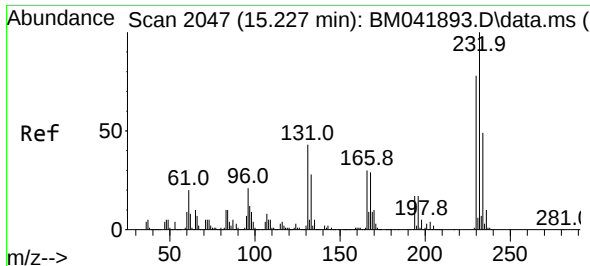
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#58
Fluorene
Concen: 52.929 ng
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

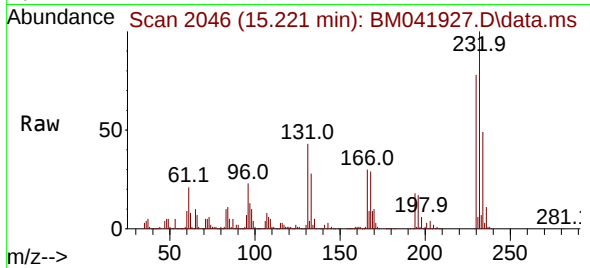
Tgt Ion:166 Resp: 2571816
Ion Ratio Lower Upper
166 100
165 96.5 78.2 117.2
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.224 ng
RT: 15.221 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

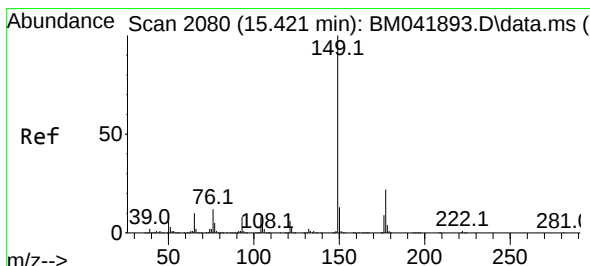
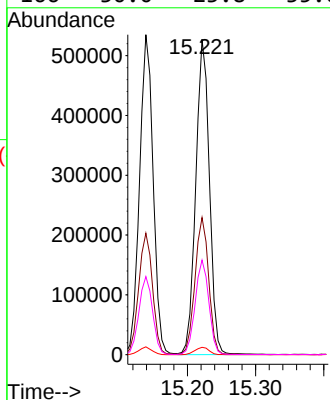
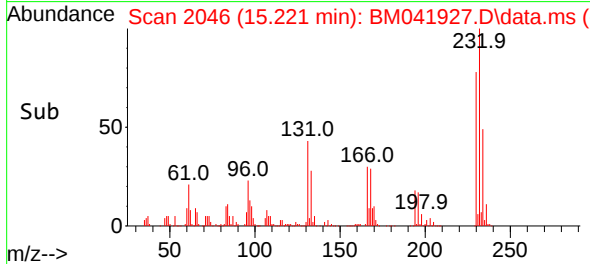
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:232 Resp: 731859
Ion Ratio Lower Upper
232 100
131 43.8 34.6 51.8
130 2.4 1.8 2.8
166 30.0 23.8 35.6

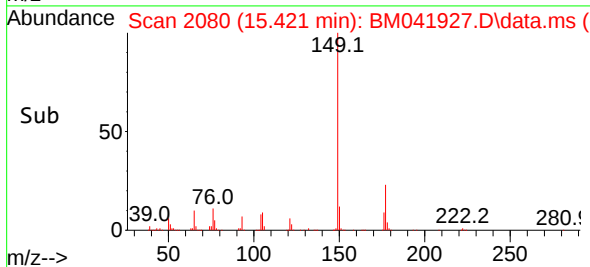
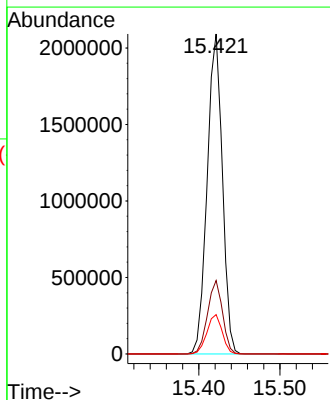
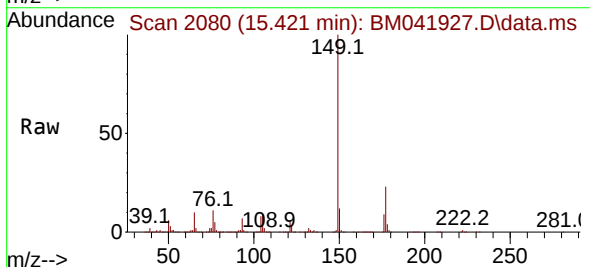
Manual Integrations
APPROVED

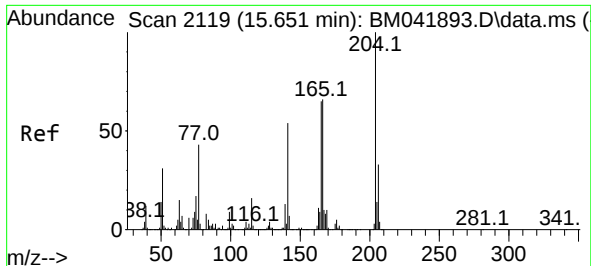
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#60
Diethylphthalate
Concen: 51.753 ng
RT: 15.421 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

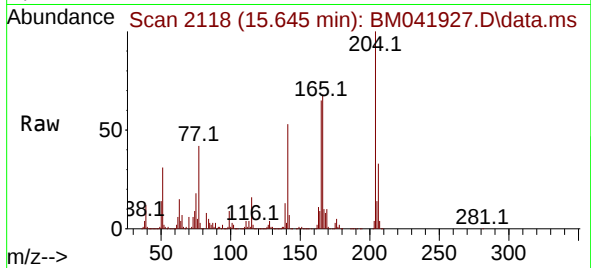
Tgt Ion:149 Resp: 2709449
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 53.024 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

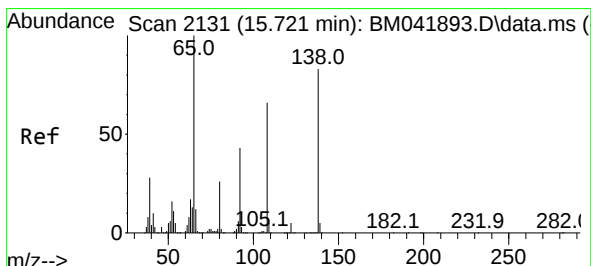
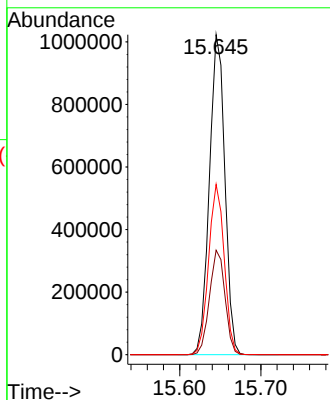
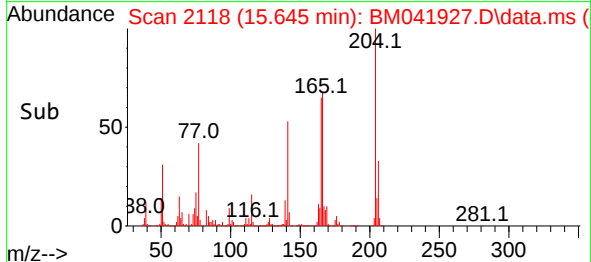
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:204 Resp: 1351640
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 53.2 43.6 65.4

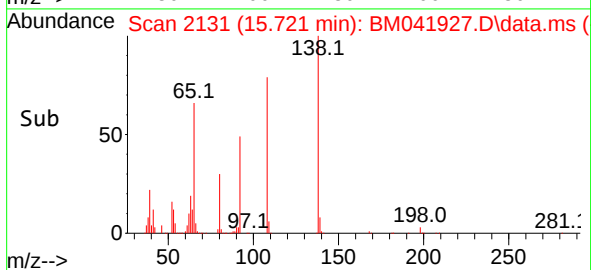
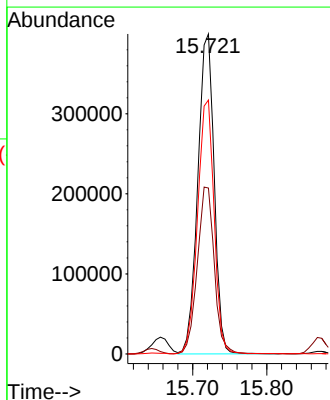
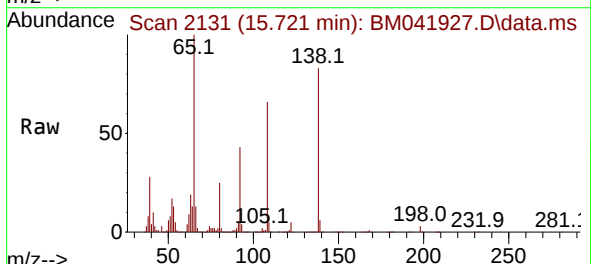
Manual Integrations
APPROVED

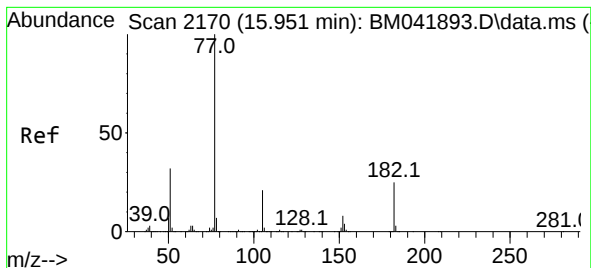
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#62
4-Nitroaniline
Concen: 51.048 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

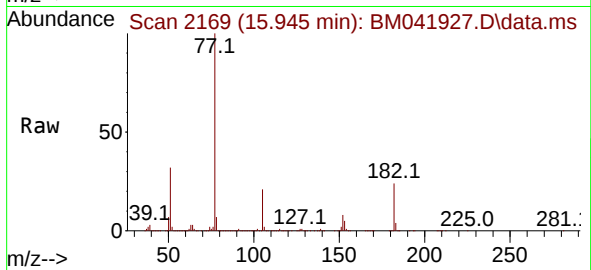
Tgt Ion:138 Resp: 612800
Ion Ratio Lower Upper
138 100
92 51.8 32.3 72.3
108 79.4 59.0 99.0





#63
Azobenzene
Concen: 53.185 ng
RT: 15.945 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

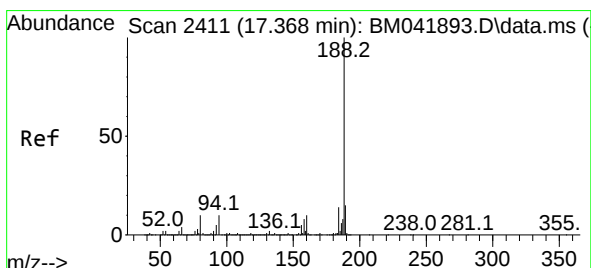
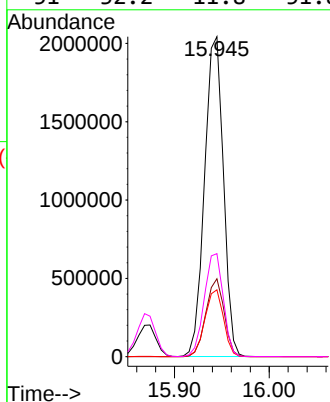
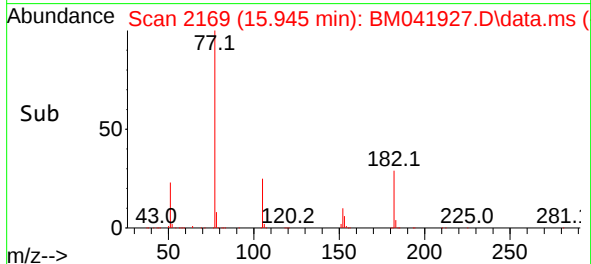
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion: 77 Resp: 282279
Ion Ratio Lower Upper
77 100
182 24.4 4.9 44.9
105 20.9 0.7 40.7
51 32.2 11.8 51.8

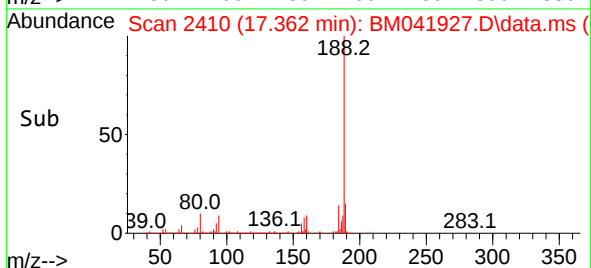
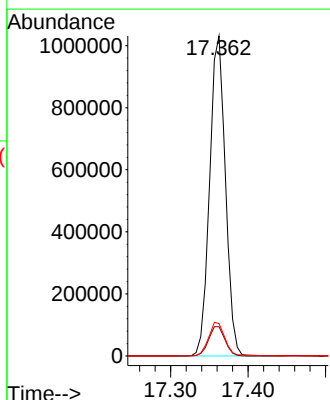
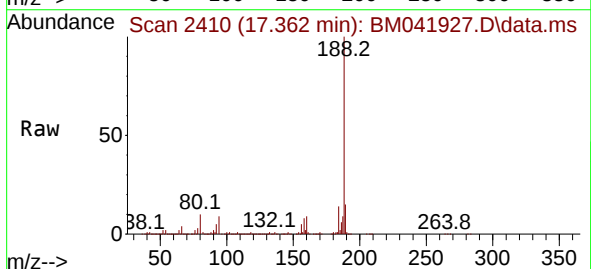
Manual Integrations
APPROVED

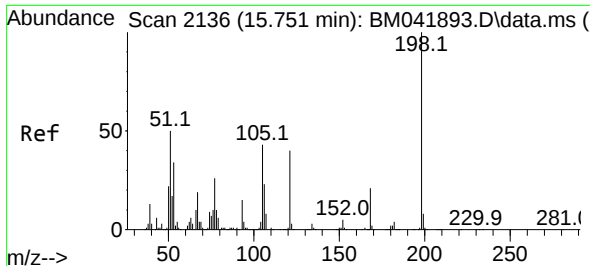
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

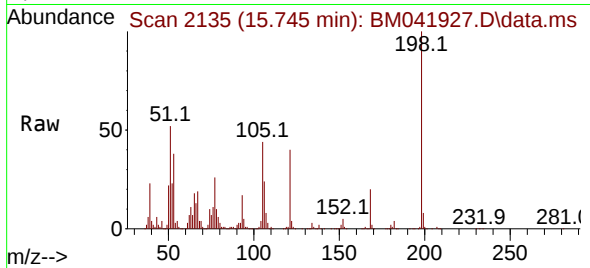
Tgt Ion:188 Resp: 1456598
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.1 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 52.436 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

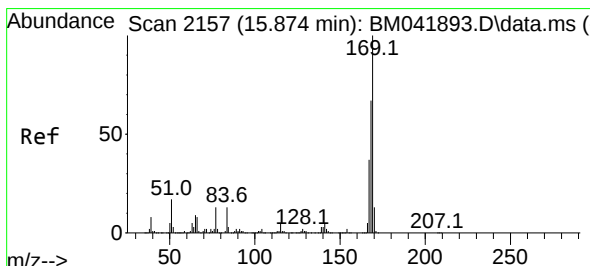
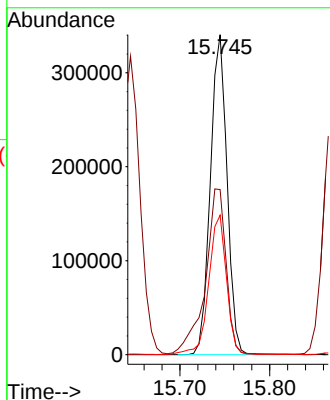
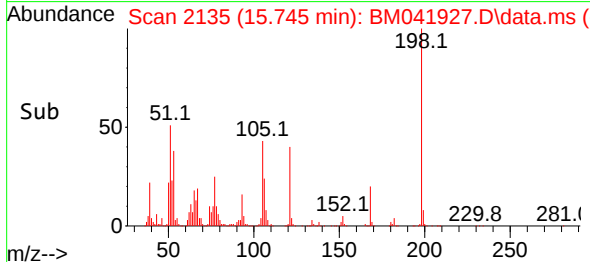
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:198 Resp: 438594
Ion Ratio Lower Upper
198 100
51 51.6 32.0 72.0
105 43.6 23.6 63.6

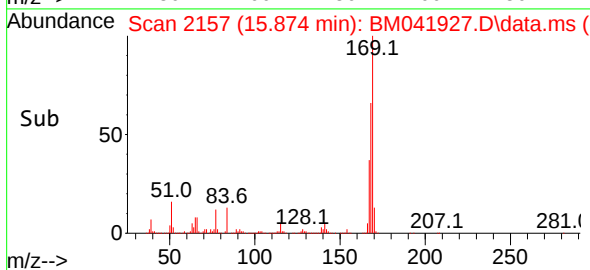
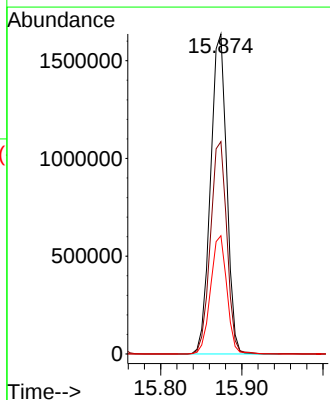
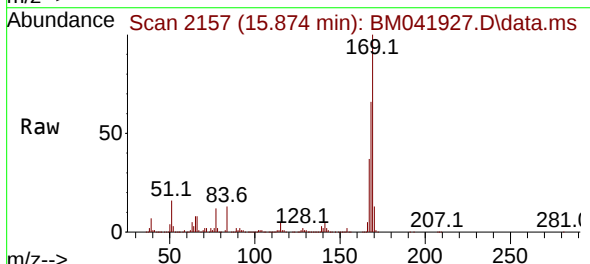
Manual Integrations
APPROVED

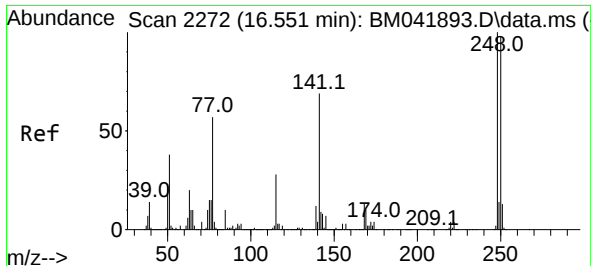
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#66
n-Nitrosodiphenylamine
Concen: 54.945 ng
RT: 15.874 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

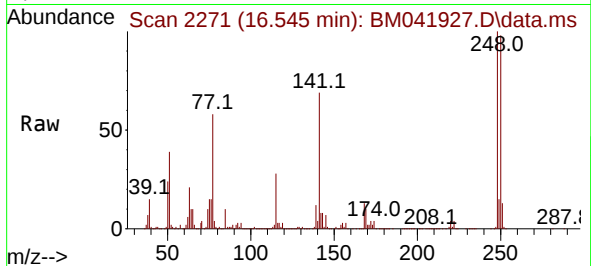
Tgt Ion:169 Resp: 2260395
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 53.911 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

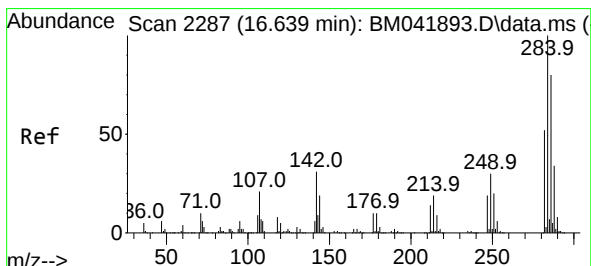
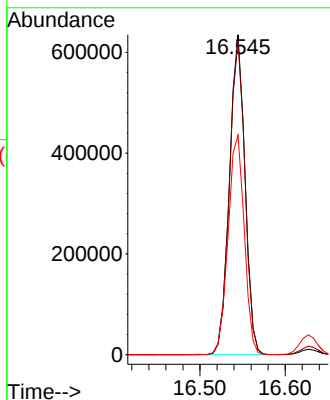
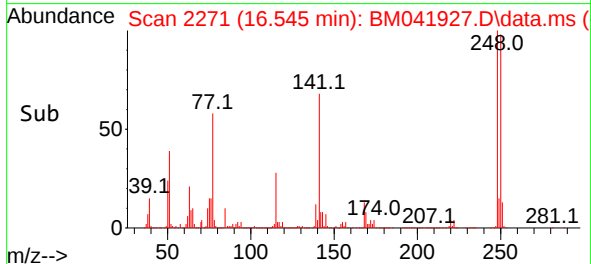
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



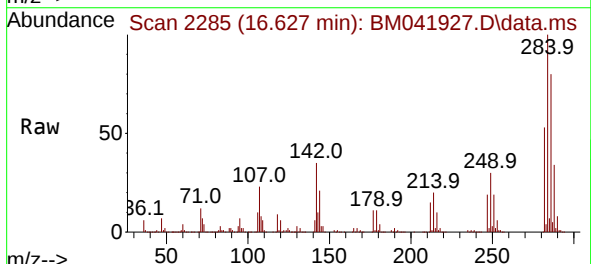
Tgt Ion:248 Resp: 809214
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 68.6 55.1 82.7

Manual Integrations
APPROVED

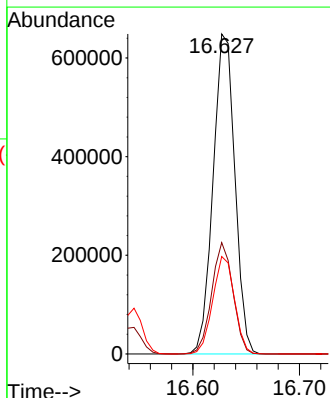
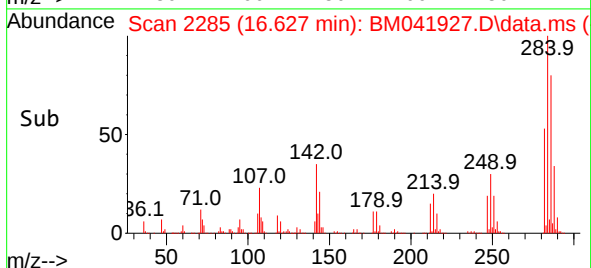
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

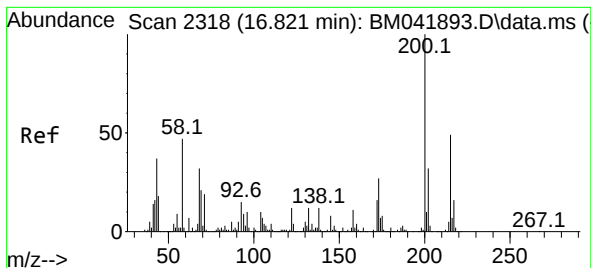


#68
Hexachlorobenzene
Concen: 57.914 ng
RT: 16.627 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



Tgt Ion:284 Resp: 920408
Ion Ratio Lower Upper
284 100
142 34.8 24.8 37.2
249 30.4 24.0 36.0





#69

Atrazine

Concen: 63.387 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Instrument :

BNA_M

ClientSampleId :

PILE-1MSD

Tgt Ion:200 Resp: 81316

Ion Ratio Lower Upper

200 100

173 25.8 6.5 46.5

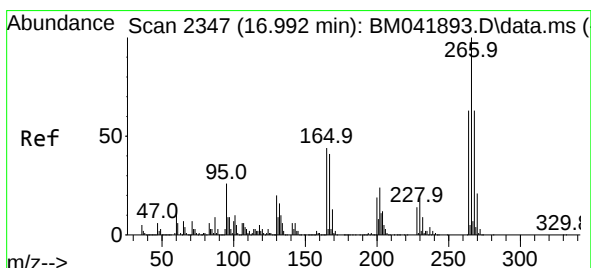
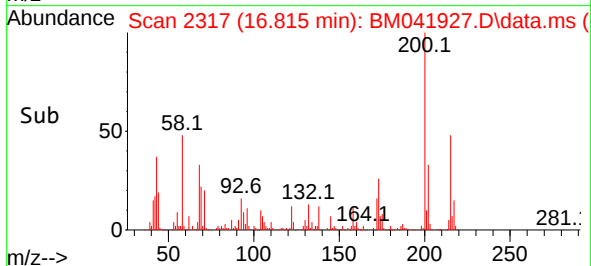
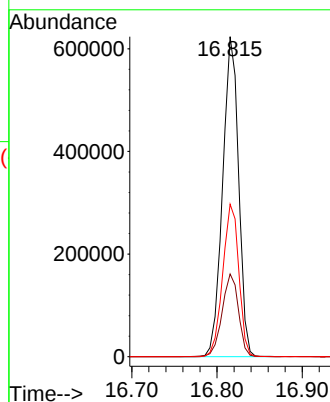
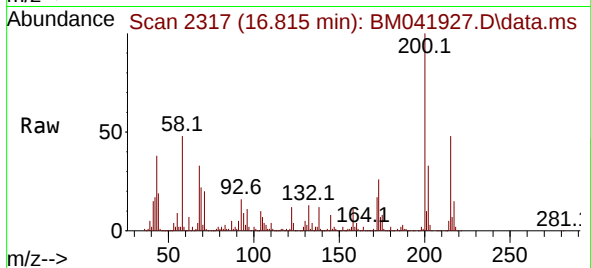
215 47.6 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#70

Pentachlorophenol

Concen: 103.404 ng

RT: 16.986 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

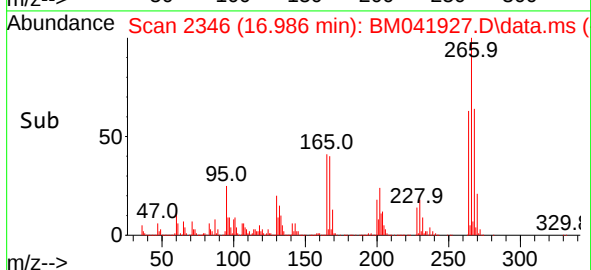
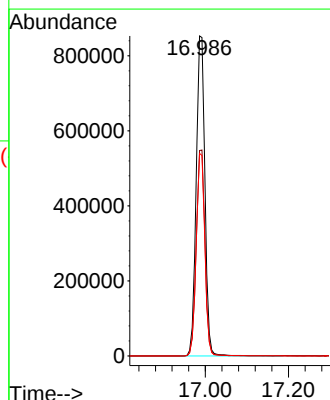
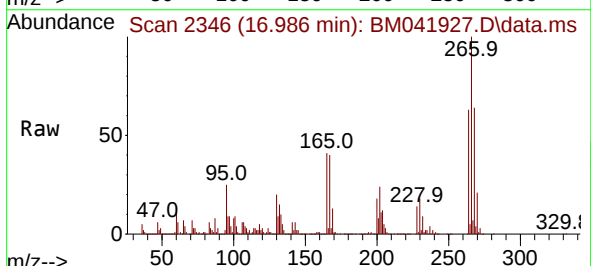
Tgt Ion:266 Resp: 1241640

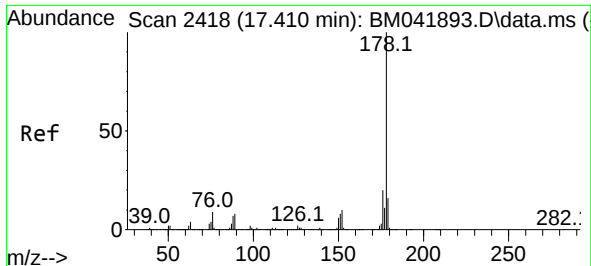
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

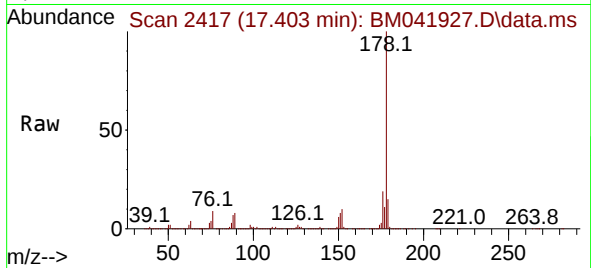
264 63.3 50.6 76.0





#71
Phenanthrene
Concen: 55.251 ng
RT: 17.403 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

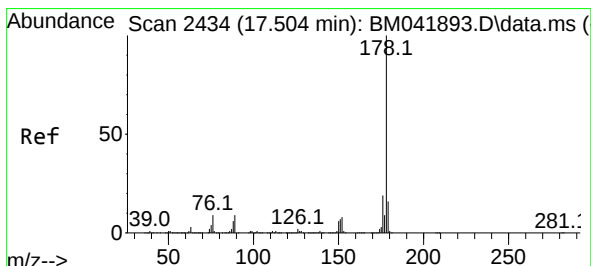
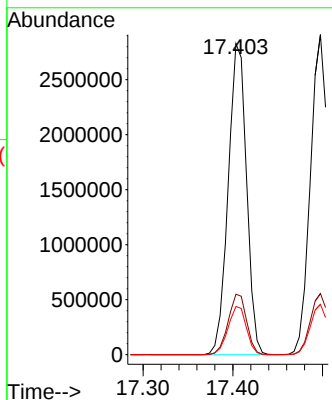
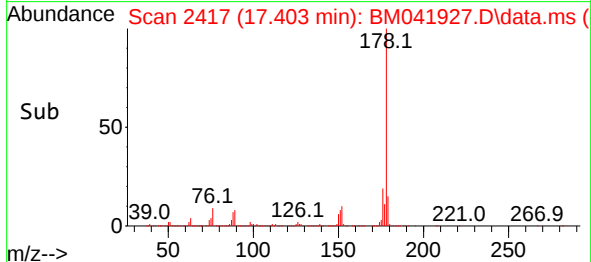
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



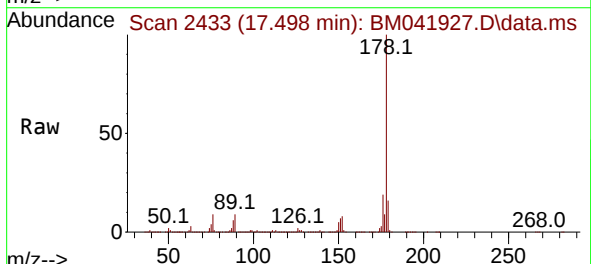
Tgt Ion:178 Resp: 4013638
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.5 12.4 18.6

Manual Integrations
APPROVED

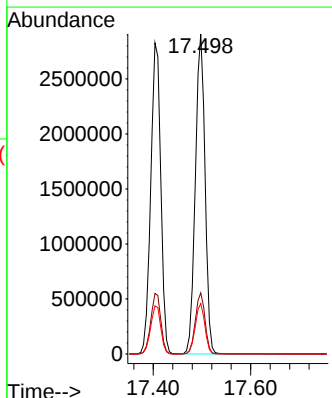
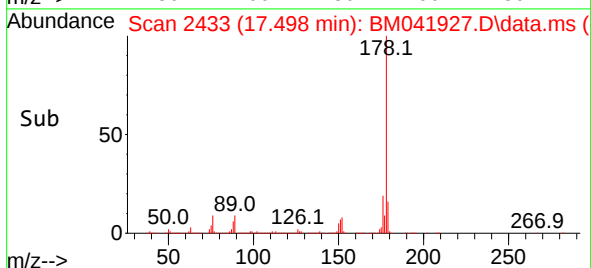
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

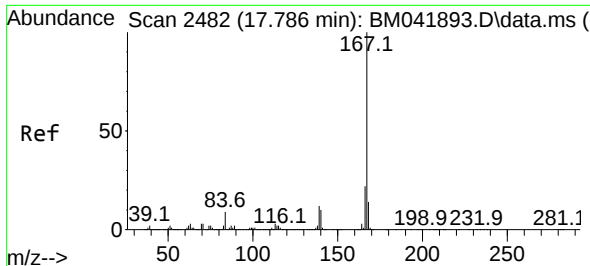


#72
Anthracene
Concen: 54.584 ng
RT: 17.498 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



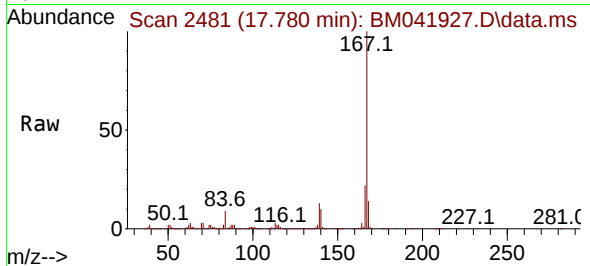
Tgt Ion:178 Resp: 4044994
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 54.950 ng
 RT: 17.780 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BM041927.D
 Acq: 20 Sep 2023 05:53

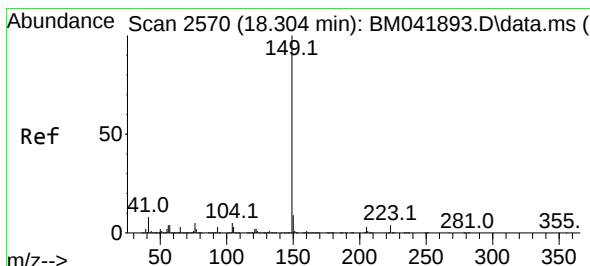
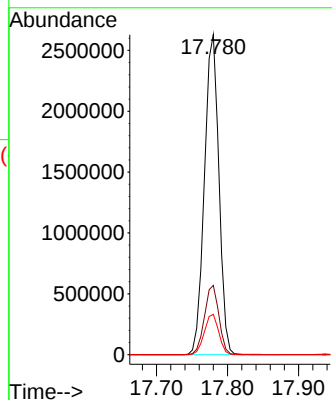
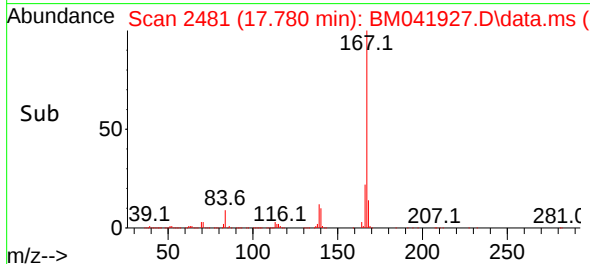
Instrument :
 BNA_M
 ClientSampleId :
 PILE-1MSD



Tgt Ion:167 Resp: 373387
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 12.6 10.0 15.0

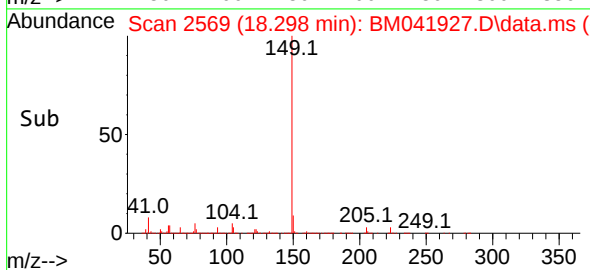
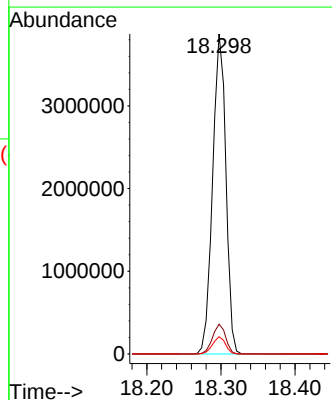
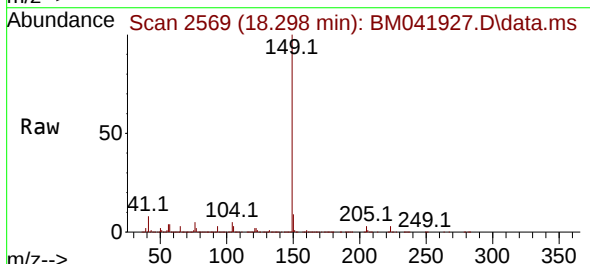
Manual Integrations
 APPROVED

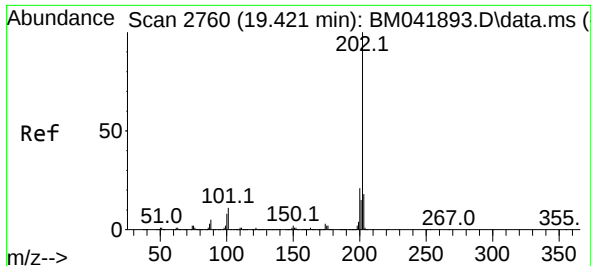
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/21/2023



#74
 Di-n-butylphthalate
 Concen: 55.007 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM041927.D
 Acq: 20 Sep 2023 05:53

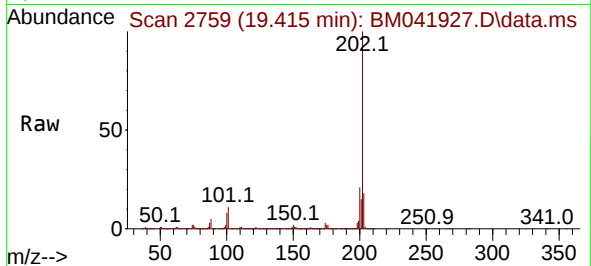
Tgt Ion:149 Resp: 4798503
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 53.899 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

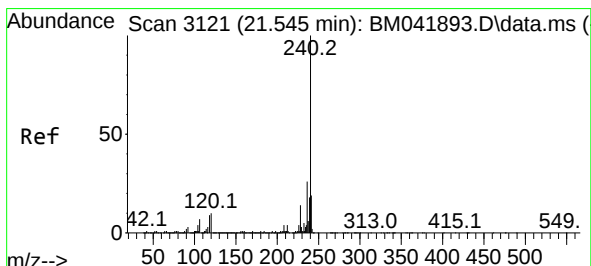
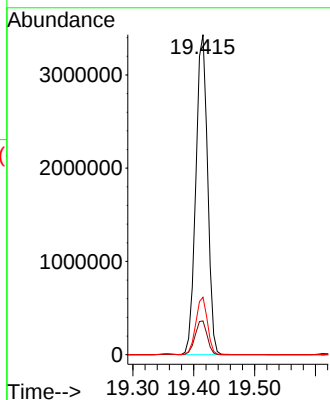
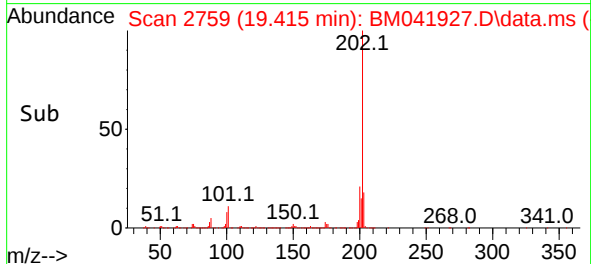
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



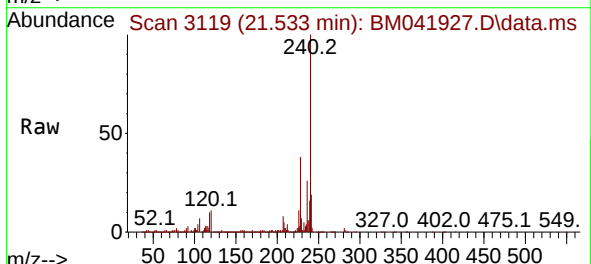
Tgt Ion:202 Resp: 4596814
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.5
203 17.9 0.0 37.6

Manual Integrations
APPROVED

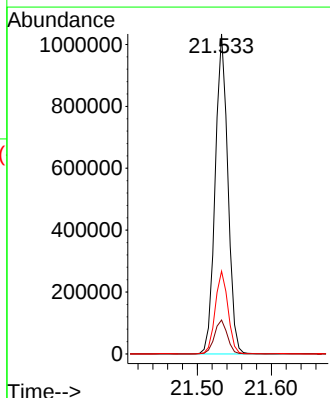
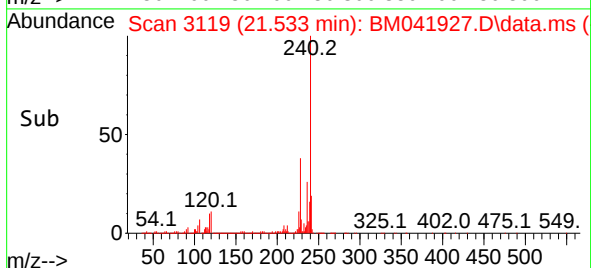
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

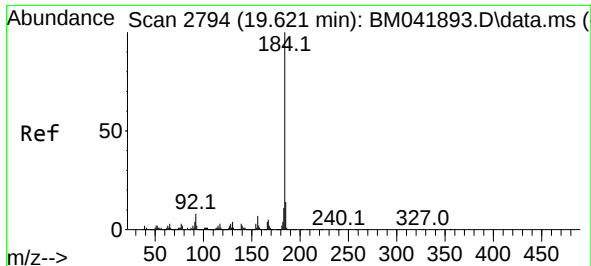


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



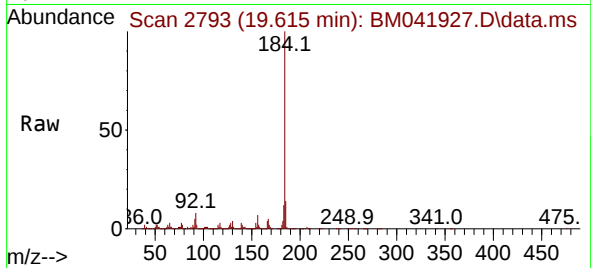
Tgt Ion:240 Resp: 1224356
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 25.8 20.7 31.1





#77
Benzidine
Concen: 86.594 ng
RT: 19.615 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

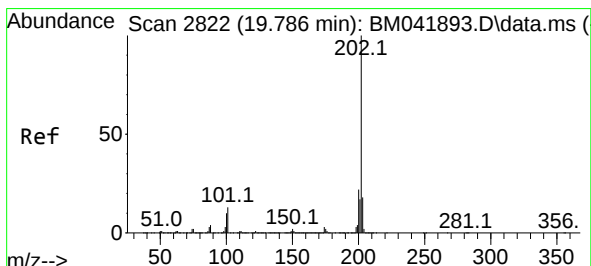
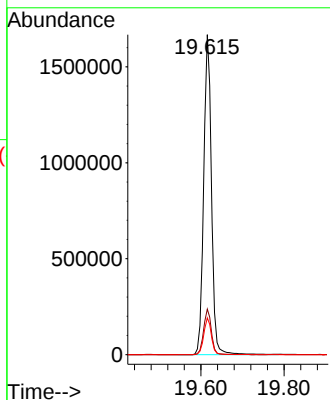
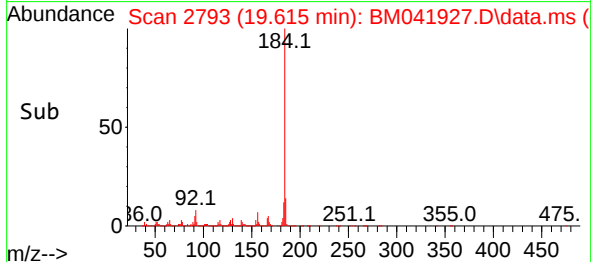
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



Tgt Ion:184 Resp: 216411
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.5 9.1 13.7

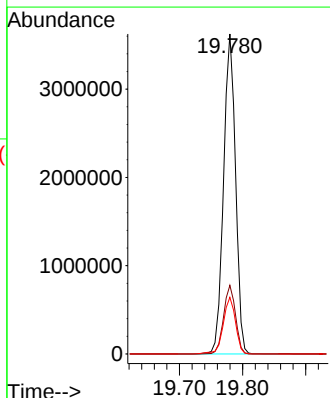
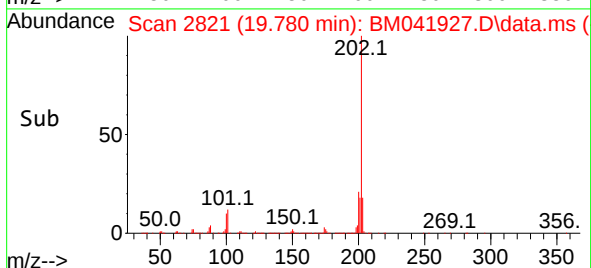
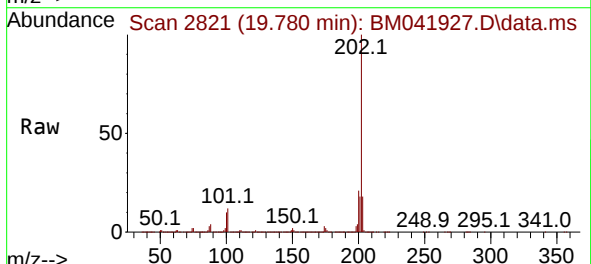
Manual Integrations
APPROVED

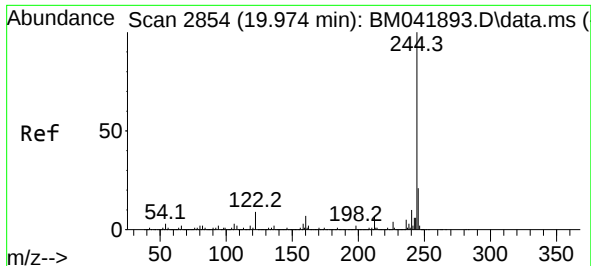
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#78
Pyrene
Concen: 56.110 ng
RT: 19.780 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

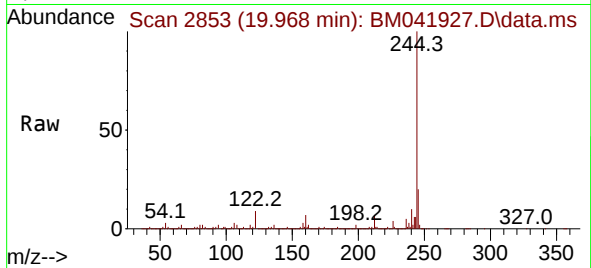
Tgt Ion:202 Resp: 4780212
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 17.7 14.2 21.4





#79
 Terphenyl-d14
 Concen: 77.685 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041927.D
 Acq: 20 Sep 2023 05:53

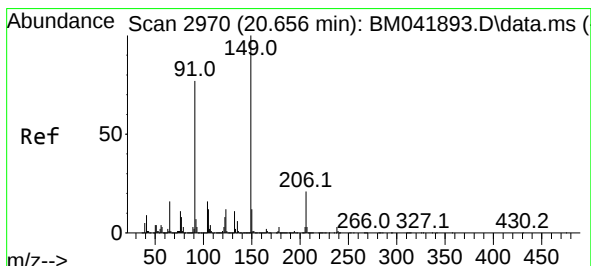
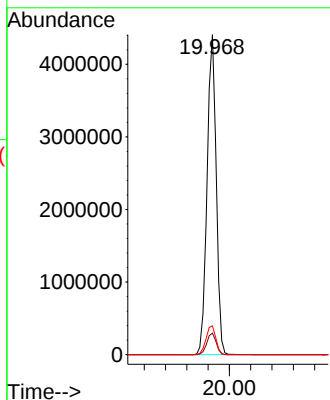
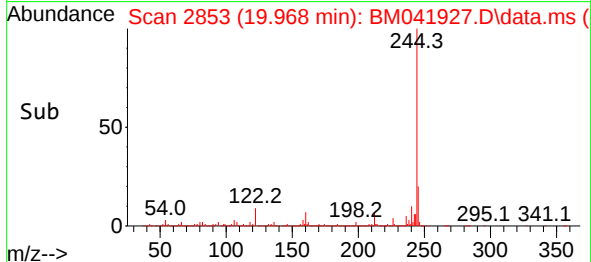
Instrument :
 BNA_M
 ClientSampleId :
 PILE-1MSD



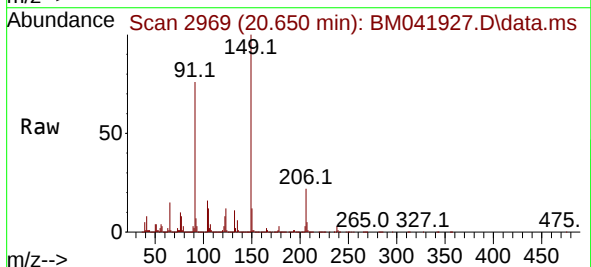
Tgt Ion:244 Resp: 5222319
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.0 7.4 11.0

Manual Integrations
 APPROVED

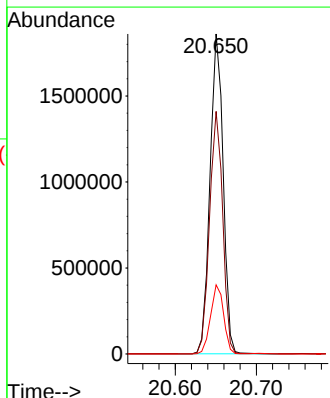
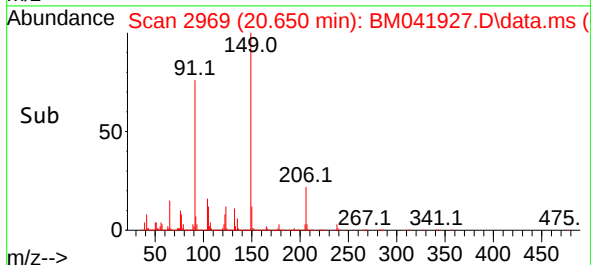
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/21/2023

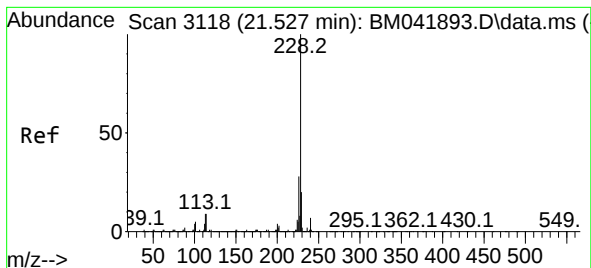


#80
 Butylbenzylphthalate
 Concen: 55.049 ng
 RT: 20.650 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM041927.D
 Acq: 20 Sep 2023 05:53



Tgt Ion:149 Resp: 2085837
 Ion Ratio Lower Upper
 149 100
 91 75.8 61.7 92.5
 206 21.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 54.794 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Instrument :

BNA_M

ClientSampleId :

PILE-1MSD

Tgt Ion:228 Resp: 437548

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

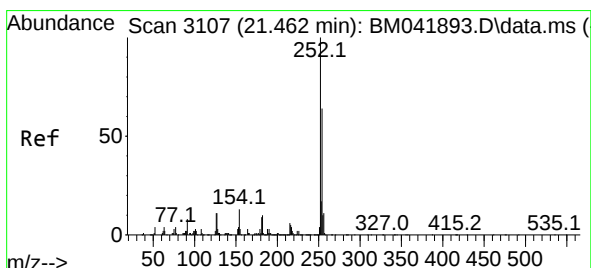
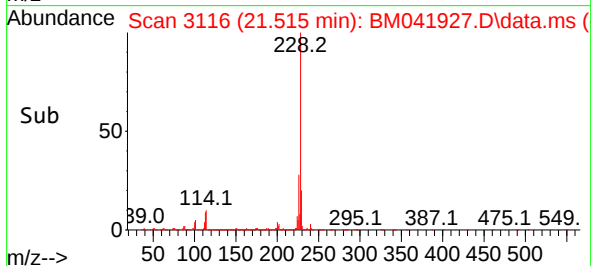
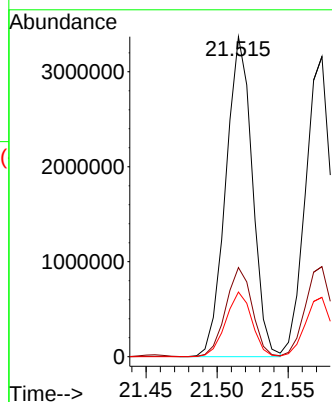
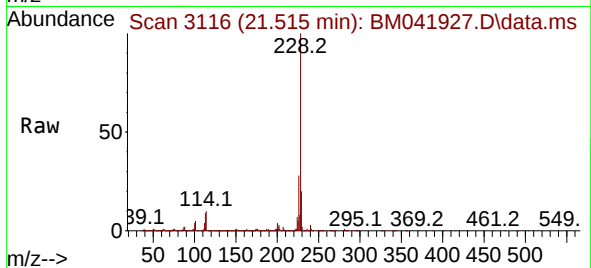
229 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#82

3,3'-Dichlorobenzidine

Concen: 51.959 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

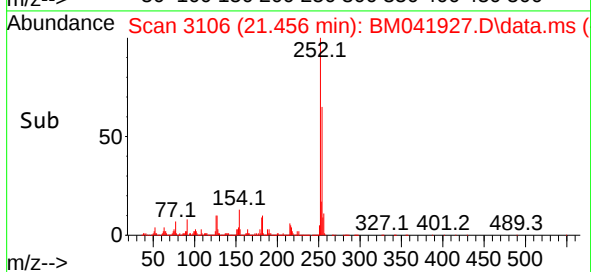
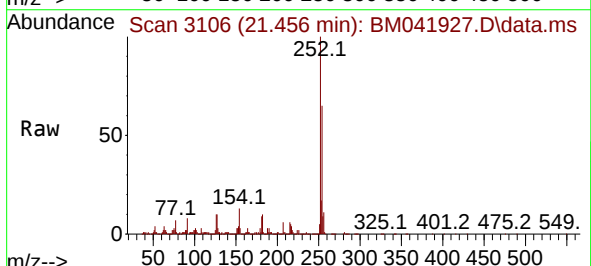
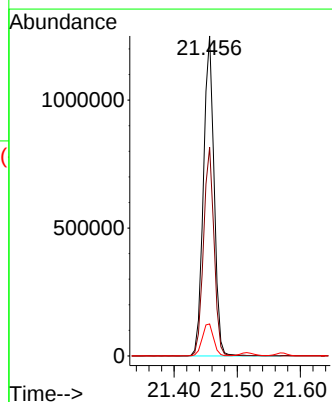
Tgt Ion:252 Resp: 1461177

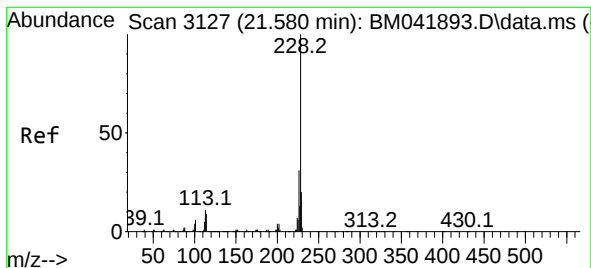
Ion Ratio Lower Upper

252 100

254 65.2 51.3 76.9

126 10.0 8.6 13.0





#83

Chrysene

Concen: 53.197 ng

RT: 21.574 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Instrument :

BNA_M

ClientSampleId :

PILE-1MSD

Tgt Ion:228 Resp: 398165

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

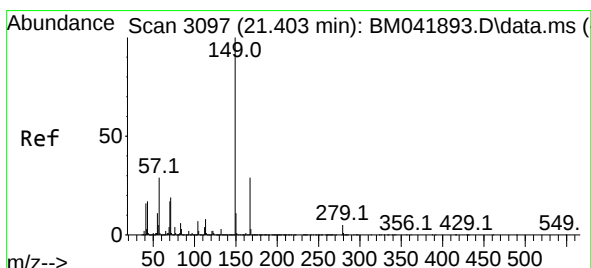
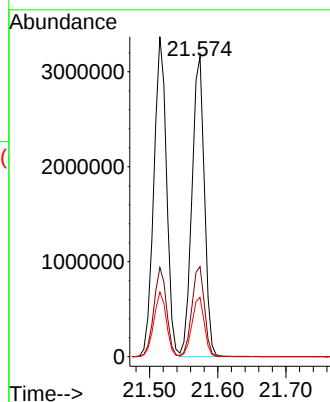
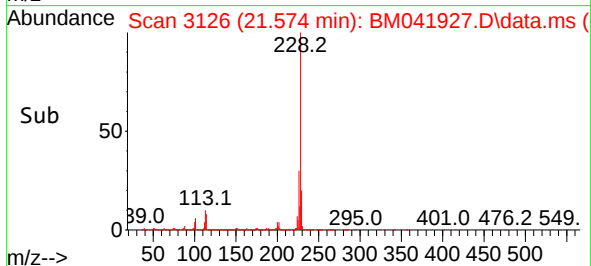
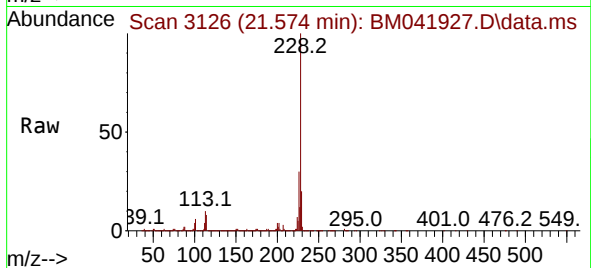
229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.067 ng

RT: 21.397 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

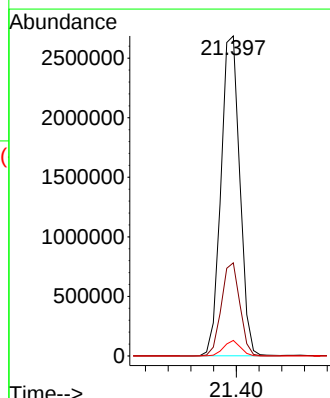
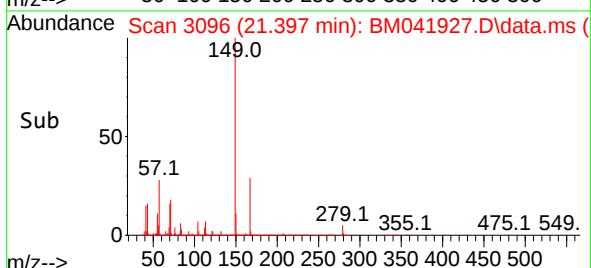
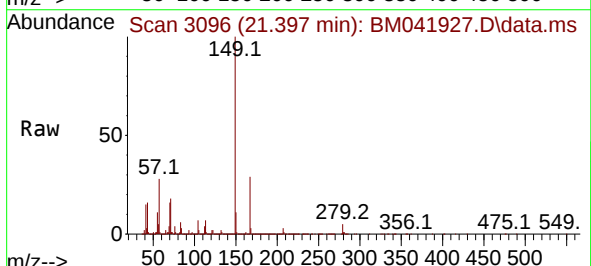
Tgt Ion:149 Resp: 3095400

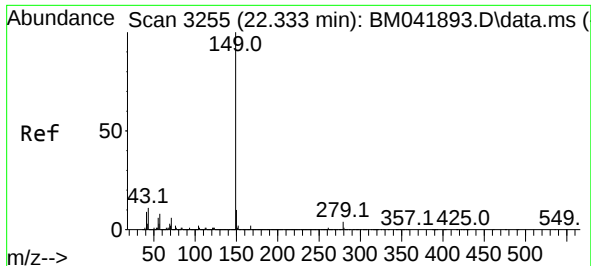
Ion Ratio Lower Upper

149 100

167 29.1 23.0 34.6

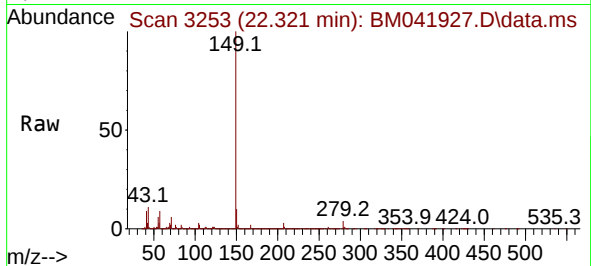
279 4.8 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 55.310 ng
RT: 22.321 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

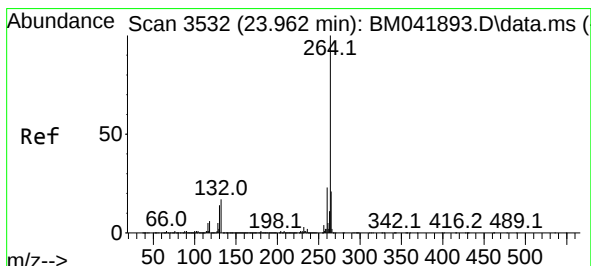
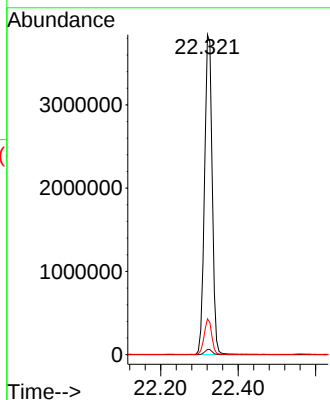
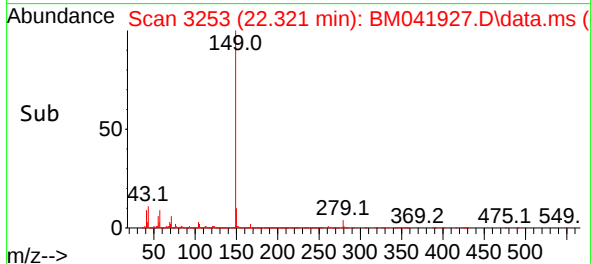
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



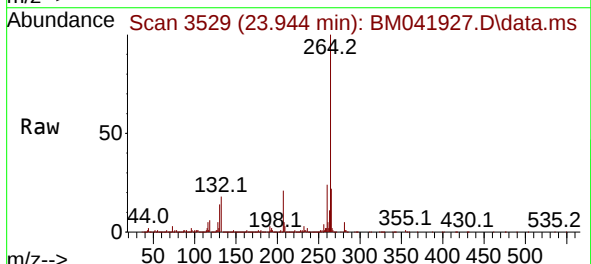
Tgt Ion:149 Resp: 523334
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 8.7 13.1

Manual Integrations
APPROVED

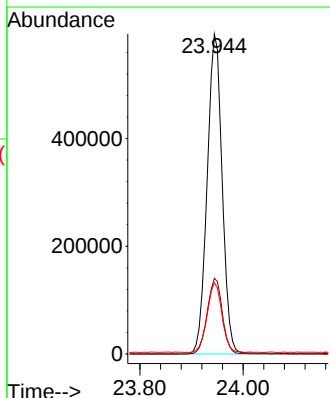
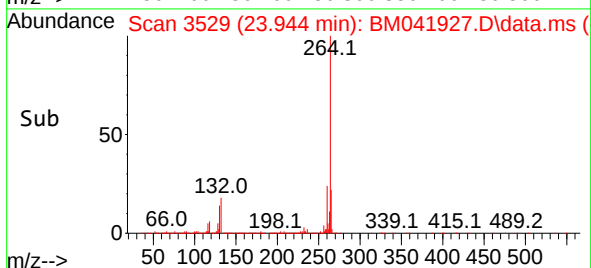
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

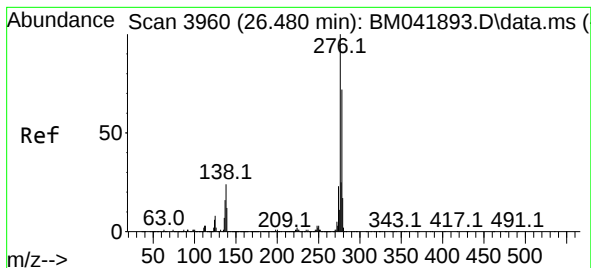


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.944 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



Tgt Ion:264 Resp: 1197663
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.875 ng

RT: 26.456 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Instrument :

BNA_M

ClientSampleId :

PILE-1MSD

Tgt Ion:276 Resp: 399555

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.8

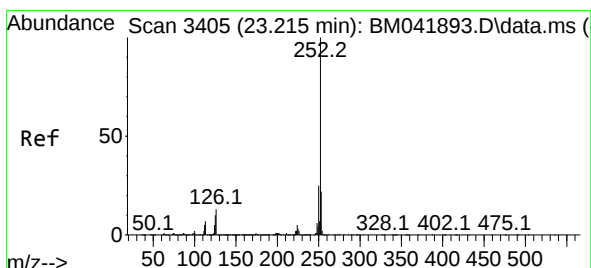
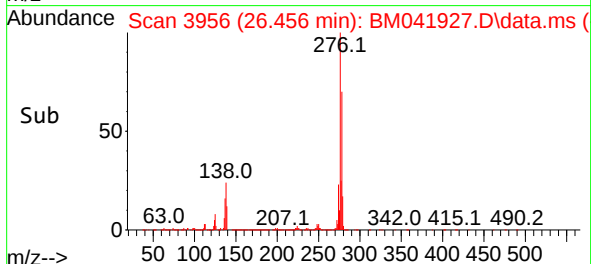
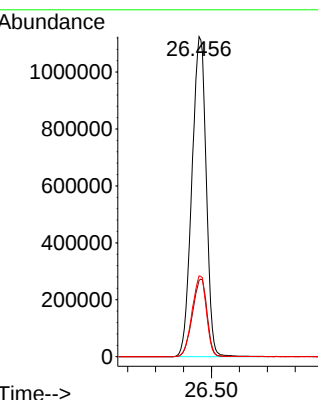
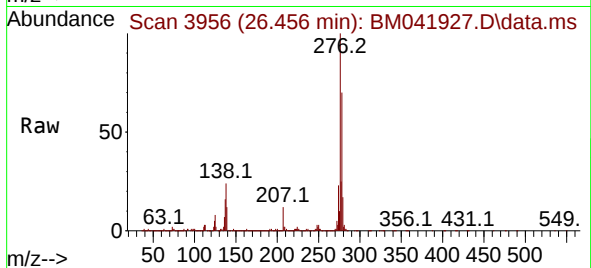
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#88

Benzo(b)fluoranthene

Concen: 56.360 ng

RT: 23.203 min Scan# 3403

Delta R.T. -0.012 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

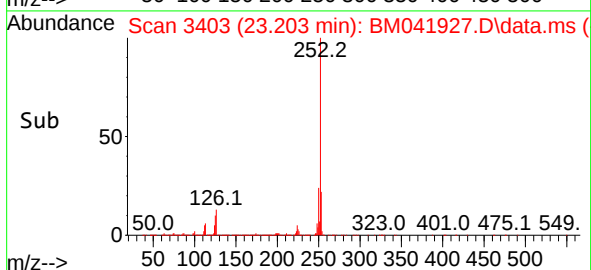
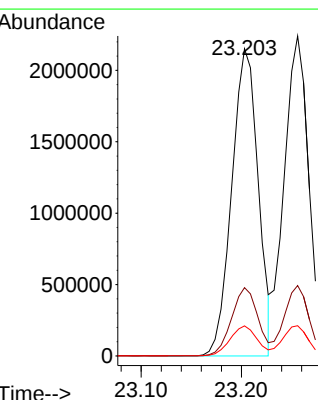
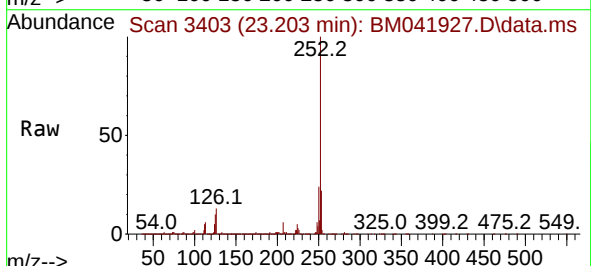
Tgt Ion:252 Resp: 3940894

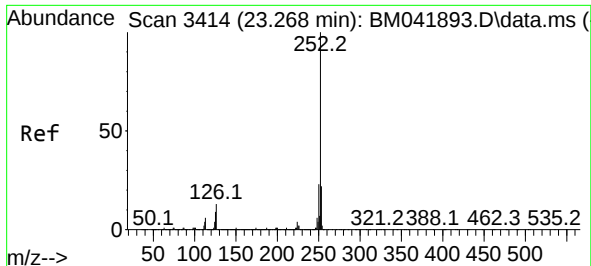
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

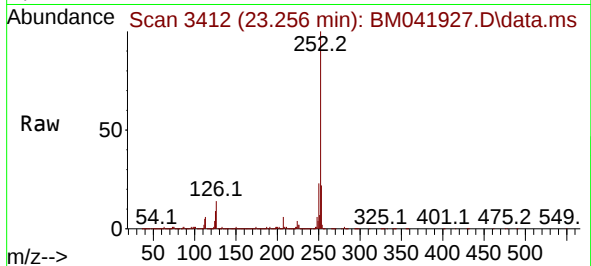
125 9.8 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 55.379 ng
RT: 23.256 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53

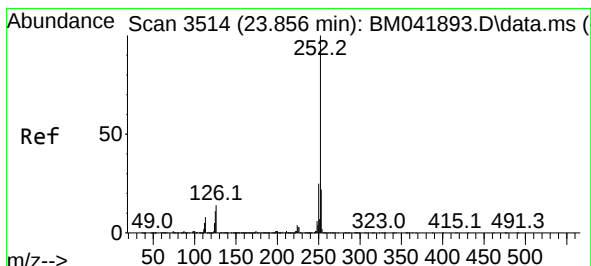
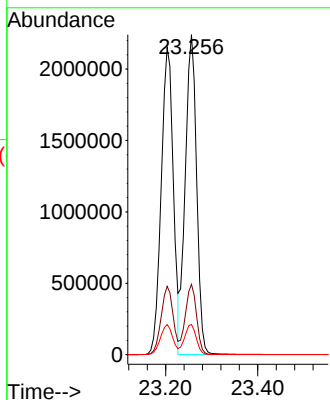
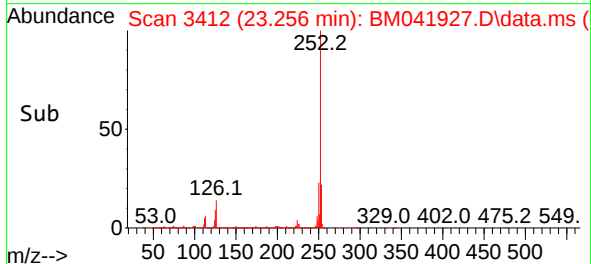
Instrument :
BNA_M
ClientSampleId :
PILE-1MSD



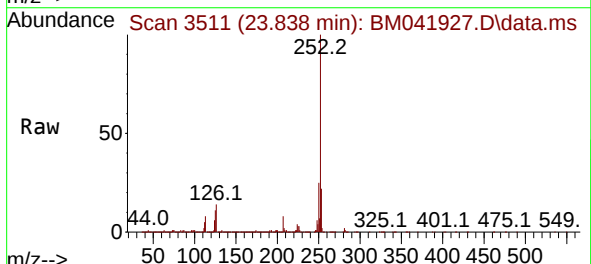
Tgt Ion:252 Resp: 382648
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.5 7.7 11.5

Manual Integrations
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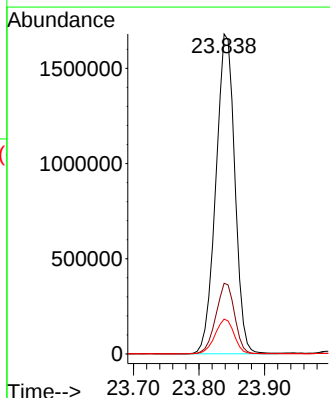
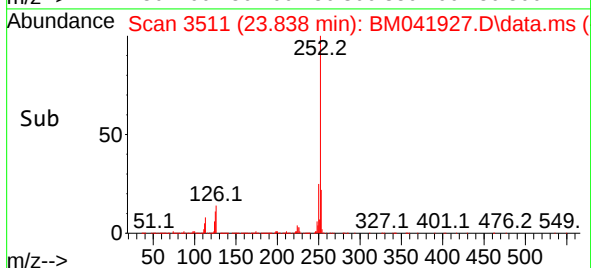
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

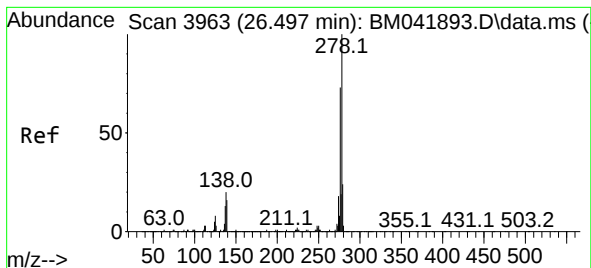


#90
Benzo(a)pyrene
Concen: 51.294 ng
RT: 23.838 min Scan# 3511
Delta R.T. -0.018 min
Lab File: BM041927.D
Acq: 20 Sep 2023 05:53



Tgt Ion:252 Resp: 3365472
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 56.234 ng

RT: 26.473 min Scan# 3963

Delta R.T. -0.024 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Instrument :

BNA_M

ClientSampleId :

PILE-1MSD

Tgt Ion:278 Resp: 335238

Ion Ratio Lower Upper

278 100

139 15.3 12.8 19.2

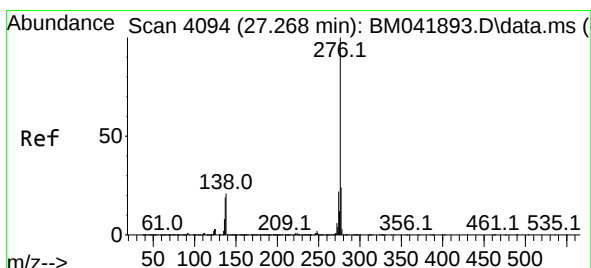
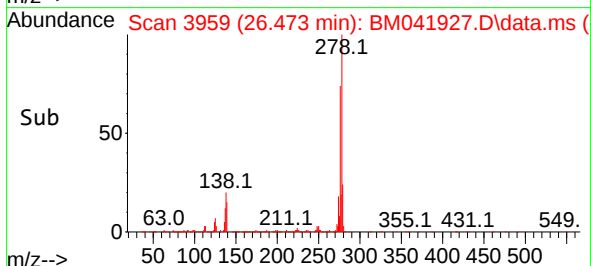
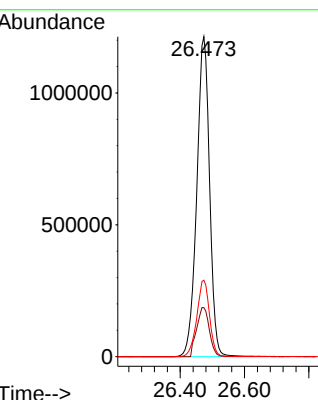
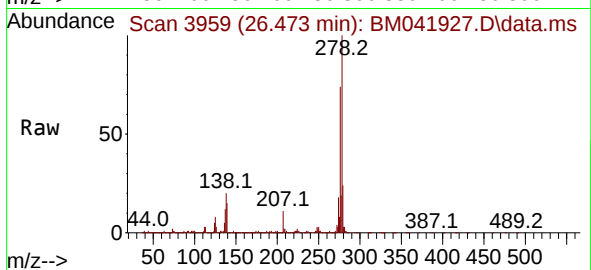
279 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#92

Benzo(g,h,i)perylene

Concen: 55.141 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.030 min

Lab File: BM041927.D

Acq: 20 Sep 2023 05:53

Tgt Ion:276 Resp: 3140873

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 21.6 17.0 25.4

