

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047602.D
 Acq On : 23 Sep 2024 13:46
 Operator : RC/JU
 Sample : P4135-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S1-6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 19:02:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	322545	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1272141	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	626942	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1105561	20.000	ng	0.00
76) Chrysene-d12	21.433	240	894442	20.000	ng	0.00
86) Perylene-d12	24.456	264	921122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2339984	111.175	ng	0.00
7) Phenol-d6	7.004	99	3006719	108.416	ng	0.00
23) Nitrobenzene-d5	8.992	82	1790564	70.067	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	627704	108.126	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3333162	75.227	ng	-0.01
79) Terphenyl-d14	19.821	244	3863554	77.504	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	402644	43.936	ng	99
3) Pyridine	3.710	79	1076361	42.369	ng	98
4) n-Nitrosodimethylamine	3.616	42	504373	47.882	ng	99
6) Aniline	7.163	93	1128167	47.485	ng	99
8) 2-Chlorophenol	7.404	128	1067724	48.457	ng	97
9) Benzaldehyde	6.975	77	163152	11.529	ng	96
10) Phenol	7.028	94	1373509	49.878	ng	99
11) bis(2-Chloroethyl)ether	7.257	93	1058738	47.835	ng	99
12) 1,3-Dichlorobenzene	7.728	146	1131190	46.422	ng	99
13) 1,4-Dichlorobenzene	7.875	146	1153225	46.772	ng	98
14) 1,2-Dichlorobenzene	8.193	146	1104337	46.466	ng	99
15) Benzyl Alcohol	8.075	79	884520	49.432	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1408039m	49.910	ng	
17) 2-Methylphenol	8.275	107	846679	48.921	ng	98
18) Hexachloroethane	8.922	117	473163	47.322	ng	99
19) n-Nitroso-di-n-propyla...	8.645	70	836146	49.221	ng	99
20) 3+4-Methylphenols	8.604	107	1138020	48.275	ng	99
22) Acetophenone	8.657	105	1607868	48.513	ng	98
24) Nitrobenzene	9.034	77	1188974	45.046	ng	100
25) Isophorone	9.563	82	2028665	47.502	ng	99
26) 2-Nitrophenol	9.745	139	474801	51.161	ng	97
27) 2,4-Dimethylphenol	9.804	122	797938	60.320	ng	99
28) bis(2-Chloroethoxy)met...	10.039	93	1322590	48.139	ng	99
29) 2,4-Dichlorophenol	10.281	162	833392	49.836	ng	99
30) 1,2,4-Trichlorobenzene	10.498	180	867964	45.538	ng	99
31) Naphthalene	10.681	128	3210608	47.703	ng	100
32) Benzoic acid	9.934	122	552442	44.800	ng	96
33) 4-Chloroaniline	10.781	127	475409	20.036	ng	99
34) Hexachlorobutadiene	10.975	225	478233	46.106	ng	99
35) Caprolactam	11.563	113	237867m	41.151	ng	
36) 4-Chloro-3-methylphenol	11.910	107	882891	46.273	ng	99
37) 2-Methylnaphthalene	12.292	142	2097431	49.603	ng	99
38) 1-Methylnaphthalene	12.516	142	1928077	45.964	ng	100
40) 1,2,4,5-Tetrachloroben...	12.663	216	892282	53.932	ng	97
41) Hexachlorocyclopentadiene	12.651	237	1088944	199.356	ng	97
43) 2,4,6-Trichlorophenol	12.898	196	562803	52.341	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	609588	50.437	ng	98
46) 1,1'-Biphenyl	13.304	154	2481951	51.261	ng	99
47) 2-Chloronaphthalene	13.345	162	1880530	49.638	ng	99
48) 2-Nitroaniline	13.539	65	553960	48.958	ng	97
49) Acenaphthylene	14.192	152	2934326	53.823	ng	100
50) Dimethylphthalate	13.927	163	2075710	47.952	ng	100
51) 2,6-Dinitrotoluene	14.039	165	424768	46.836	ng	97
52) Acenaphthene	14.533	154	1854948	51.503	ng	99
53) 3-Nitroaniline	14.363	138	312900	30.081	ng	97
54) 2,4-Dinitrophenol	14.569	184	461715	112.302	ng	94
55) Dibenzofuran	14.869	168	2631455	49.997	ng	99
56) 4-Nitrophenol	14.674	139	900651	101.047	ng	92
57) 2,4-Dinitrotoluene	14.822	165	578870	47.901	ng	99
58) Fluorene	15.516	166	2332244	50.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	453968	49.138	ng	100
60) Diethylphthalate	15.292	149	2200894	47.691	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	1019829	50.105	ng	99
62) 4-Nitroaniline	15.521	138	557513	47.569	ng	98
63) Azobenzene	15.804	77	2690714	53.332	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	264879	50.563	ng	93
66) n-Nitrosodiphenylamine	15.721	169	1722732	52.172	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	509336	50.715	ng	98
68) Hexachlorobenzene	16.516	284	565694	48.182	ng	98
69) Atrazine	16.668	200	507840	63.885	ng	99
70) Pentachlorophenol	16.857	266	767500	104.153	ng	99
71) Phenanthrene	17.245	178	3064539	51.066	ng	100
72) Anthracene	17.339	178	3093471	54.407	ng	99
73) Carbazole	17.604	167	2826042	47.700	ng	99
74) Di-n-butylphthalate	18.174	149	3789589	52.883	ng	100
75) Fluoranthene	19.257	202	3170210	47.990	ng	100
77) Benzidine	19.433	184	1521923	124.943	ng	99
78) Pyrene	19.615	202	3344857	53.430	ng	100
80) Butylbenzylphthalate	20.515	149	1510928	55.440	ng	100
81) Benzo(a)anthracene	21.415	228	2964619	50.408	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	747908	40.949	ng	99
83) Chrysene	21.474	228	2812086	50.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2332788	53.515	ng	99
85) Di-n-octyl phthalate	22.486	149	3617999	53.786	ng	99
87) Indeno(1,2,3-cd)pyrene	27.874	276	3534307	55.799	ng	# 90
88) Benzo(b)fluoranthene	23.497	252	2741801	47.360	ng	99
89) Benzo(k)fluoranthene	23.562	252	2835853	49.900	ng	99
90) Benzo(a)pyrene	24.309	252	2617040	53.318	ng	100
91) Dibenzo(a,h)anthracene	27.932	278	2898245	54.779	ng	99
92) Benzo(g,h,i)perylene	28.938	276	2696974	50.863	ng	99

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

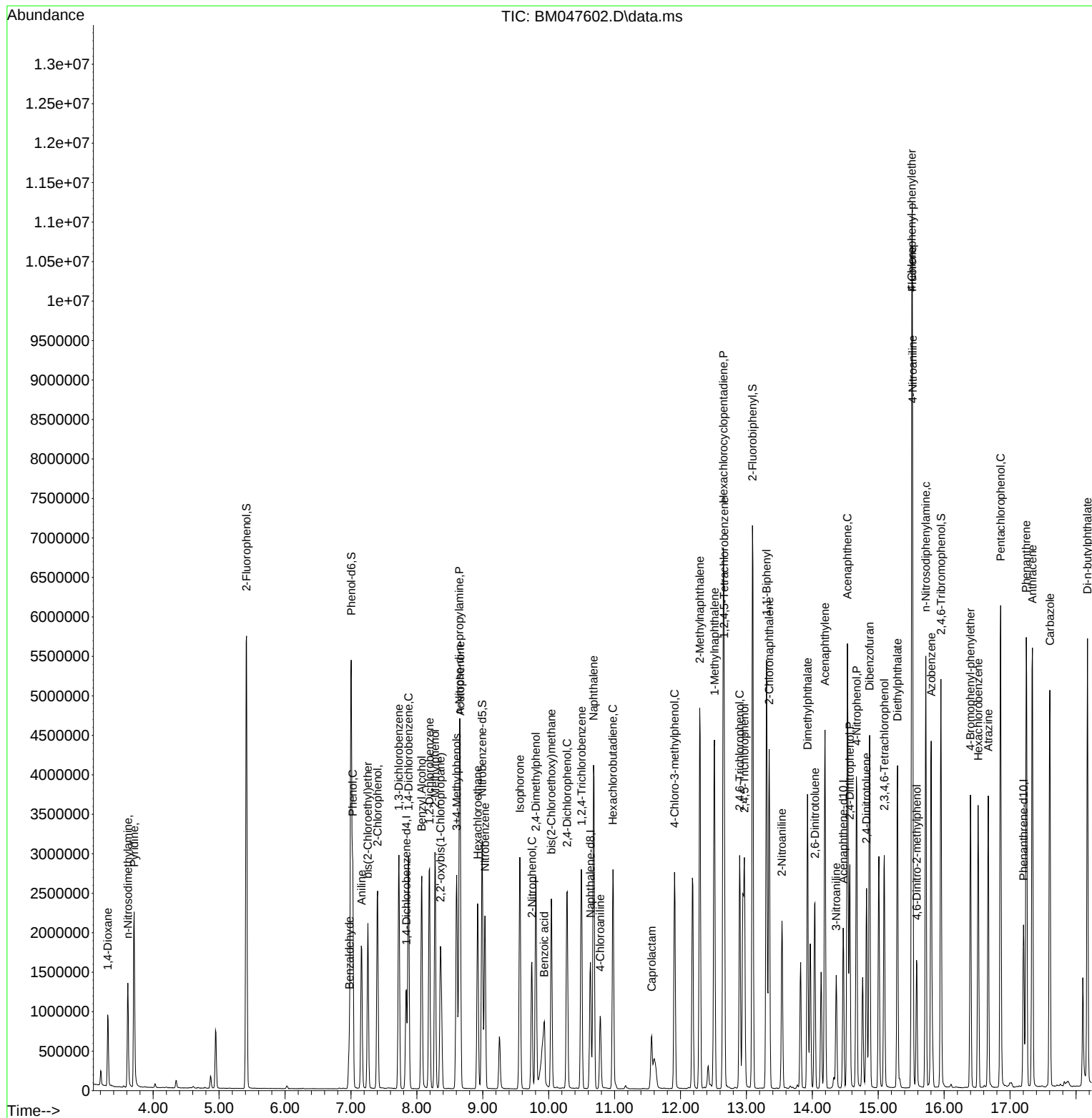
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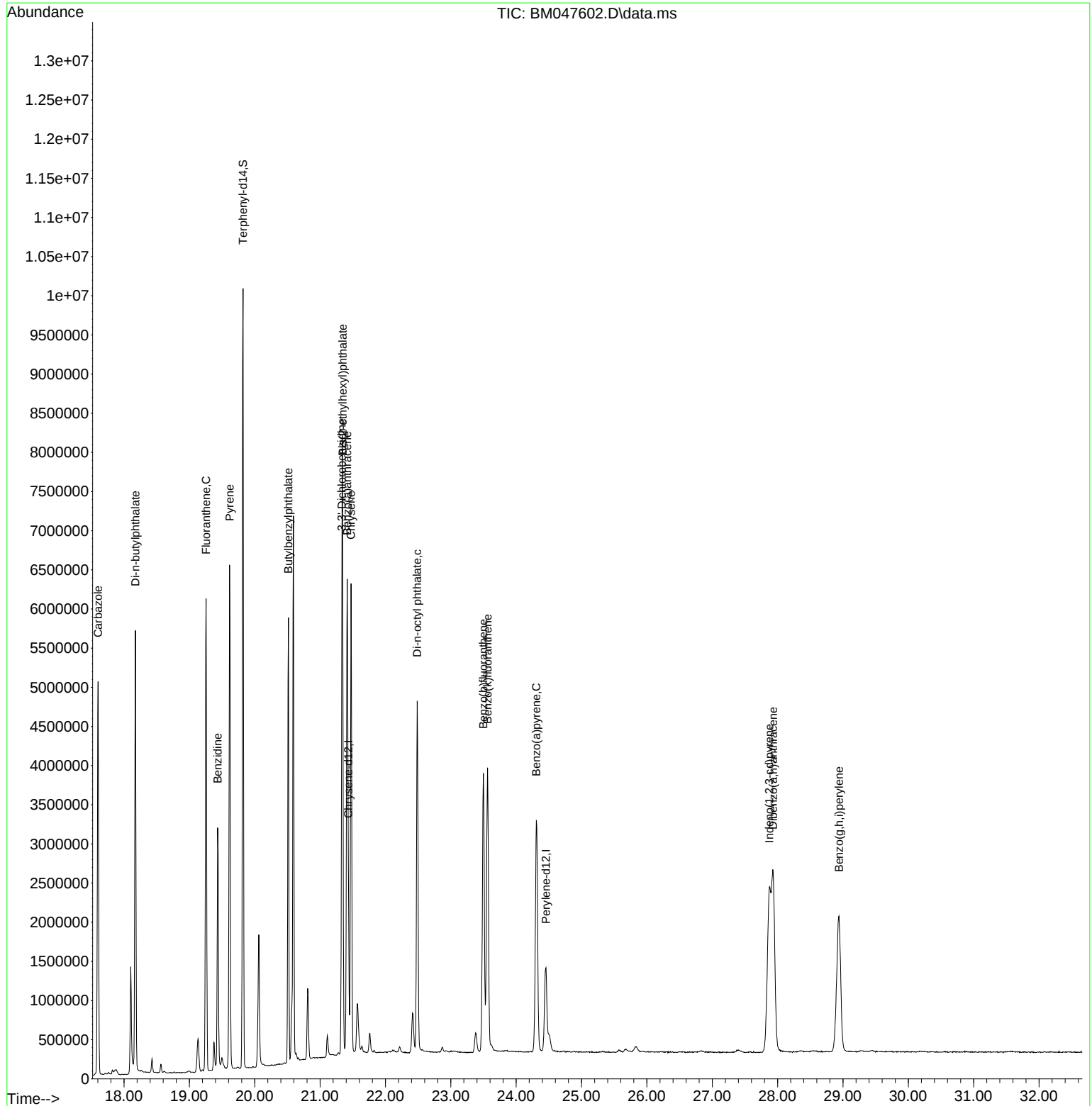
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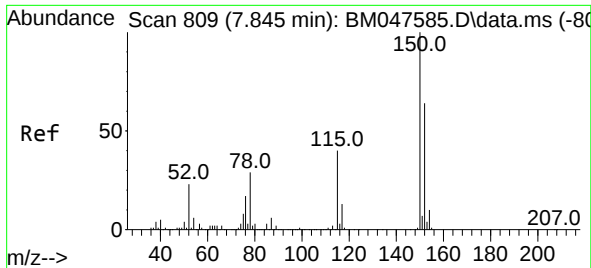
Instrument :
BNA_M
ClientSampleId :
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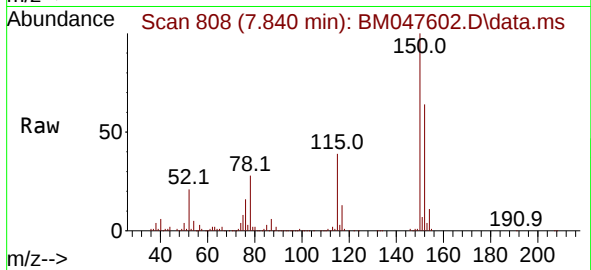
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

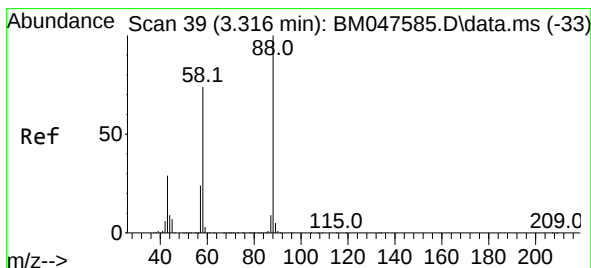
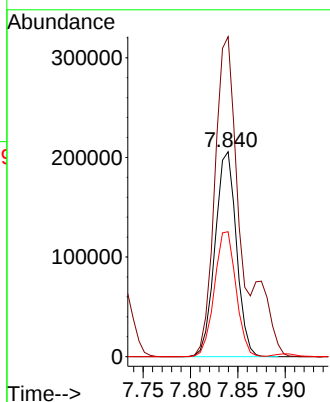
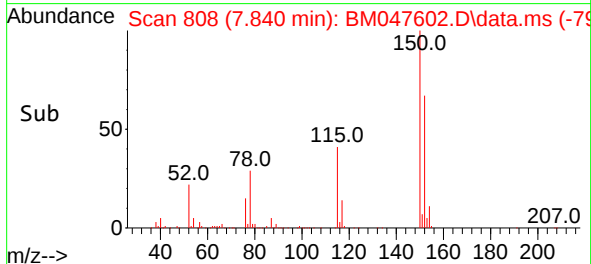
Instrument :
BNA_M
ClientSampleId :
S1-6MS



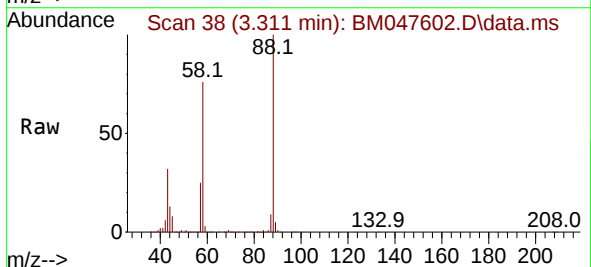
Tgt Ion:152 Resp: 32254
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 60.9 49.9 74.9

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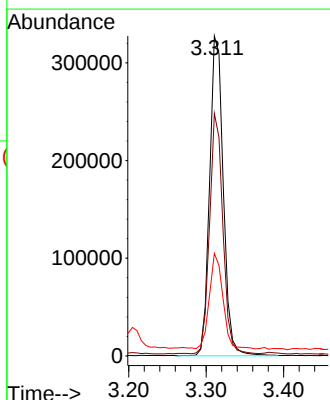
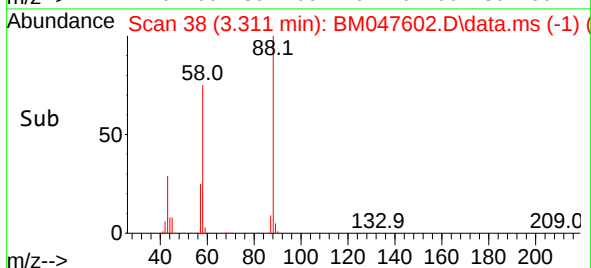
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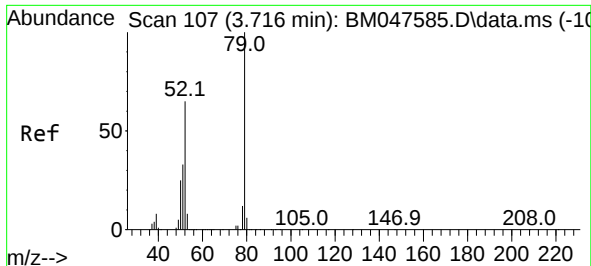


#2
1,4-Dioxane
Concen: 43.936 ng
RT: 3.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



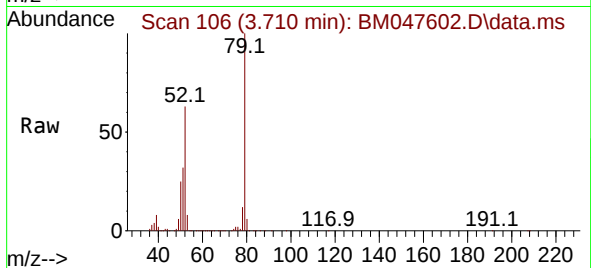
Tgt Ion: 88 Resp: 402644
Ion Ratio Lower Upper
88 100
58 73.1 58.0 87.0
43 29.3 23.1 34.7





#3
Pyridine
Concen: 42.369 ng
RT: 3.710 min Scan# 107
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

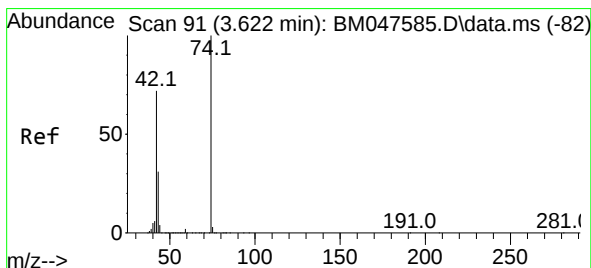
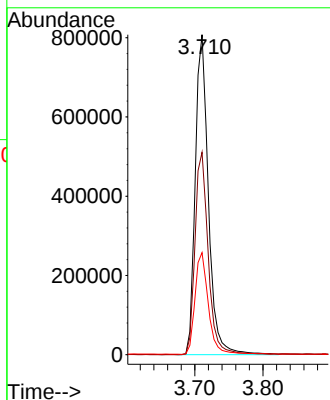
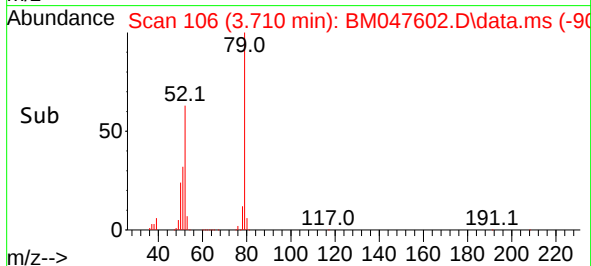
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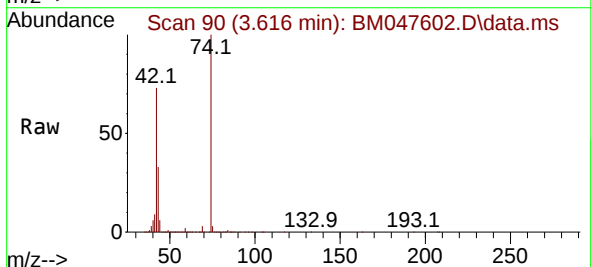
Tgt Ion: 79 Resp: 107636
Ion Ratio Lower Upper
79 100
52 63.3 52.2 78.2
51 31.9 26.5 39.7

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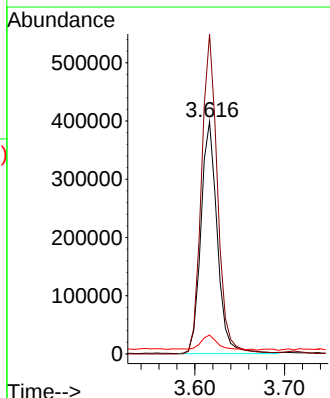
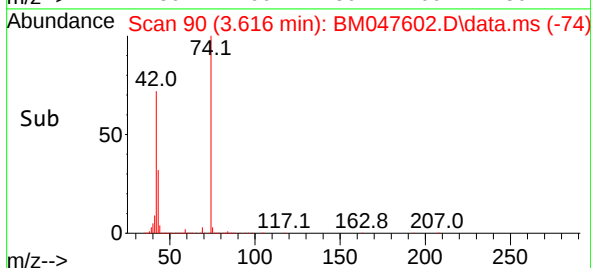
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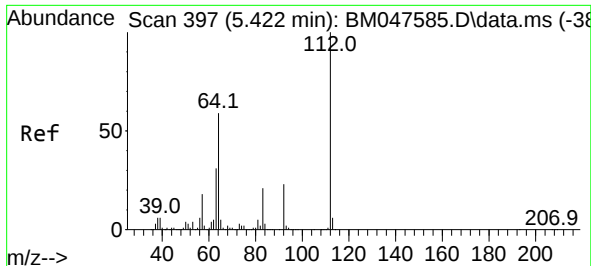


#4
n-Nitrosodimethylamine
Concen: 47.882 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



Tgt Ion: 42 Resp: 504373
Ion Ratio Lower Upper
42 100
74 137.7 110.8 166.2
44 8.1 6.1 9.1





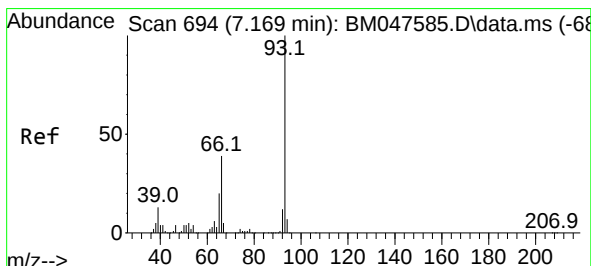
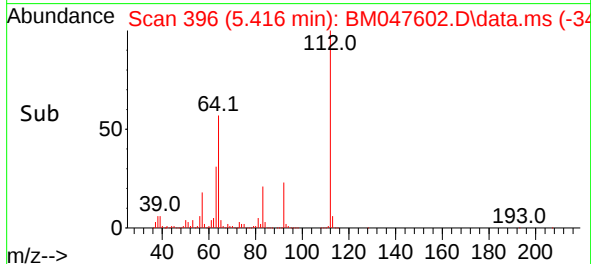
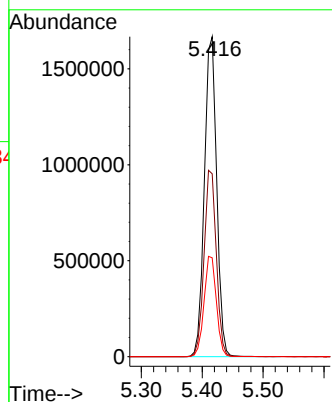
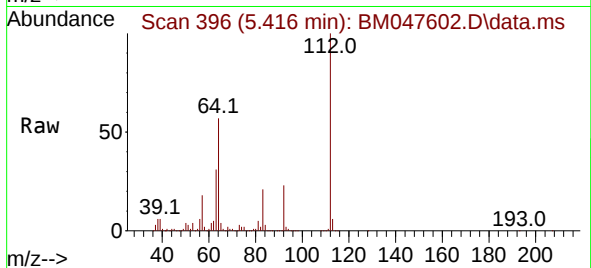
#5
2-Fluorophenol
Concen: 111.175 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 2339984
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 30.9 25.2 37.8

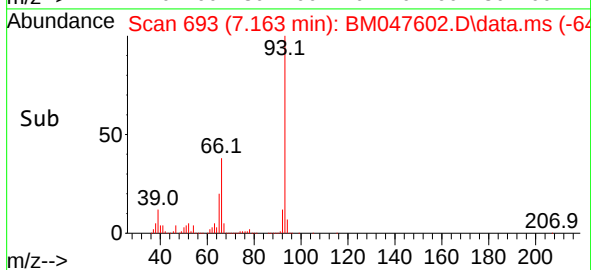
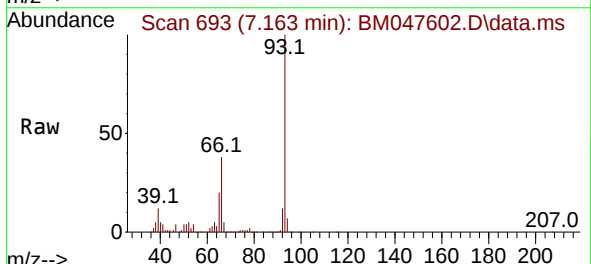
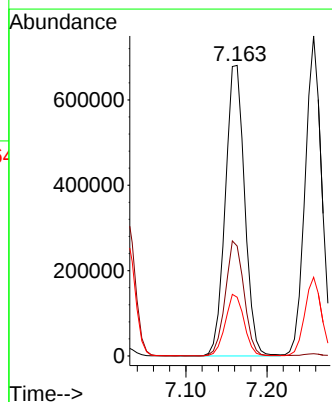
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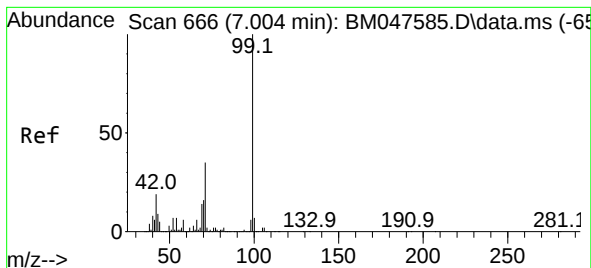
Reviewed By :Yogesh Patel 09/25/2024
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#6
Aniline
Concen: 47.485 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Tgt Ion: 93 Resp: 1128167
Ion Ratio Lower Upper
93 100
66 37.8 31.4 47.0
65 20.2 16.2 24.2





#7

Phenol-d6

Concen: 108.416 ng

RT: 7.004 min Scan# 60

Delta R.T. 0.000 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion: 99 Resp: 3006719

Ion Ratio Lower Upper

99 100

42 17.8 15.3 22.9

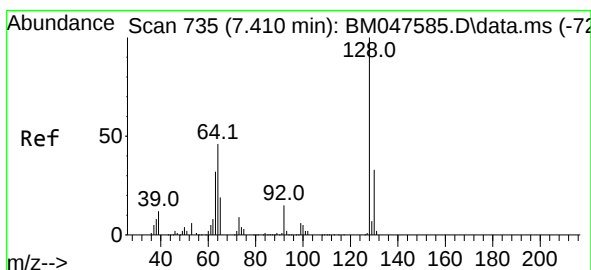
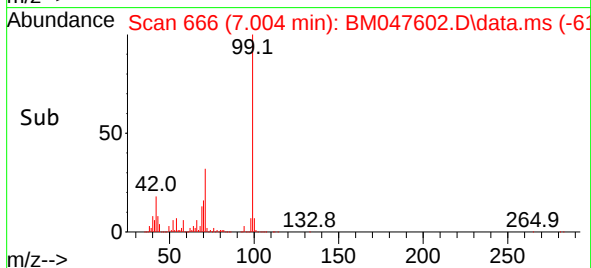
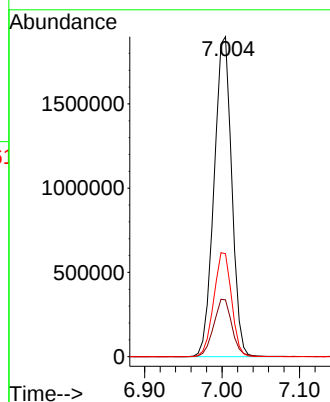
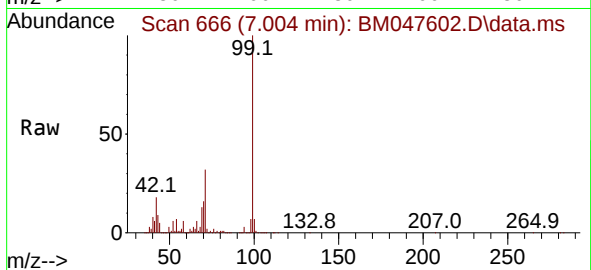
71 32.2 27.8 41.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 48.457 ng

RT: 7.404 min Scan# 734

Delta R.T. -0.006 min

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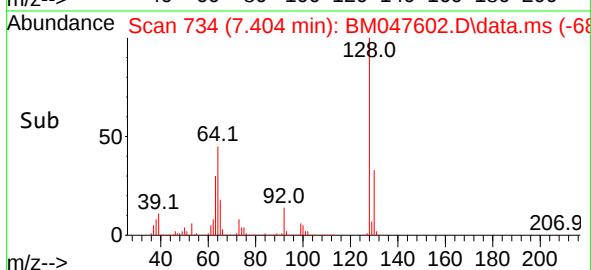
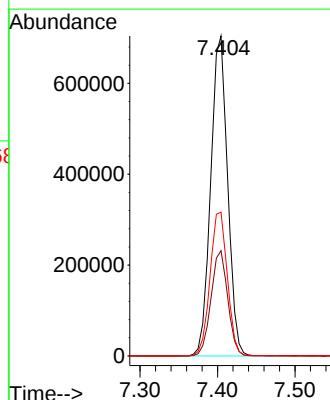
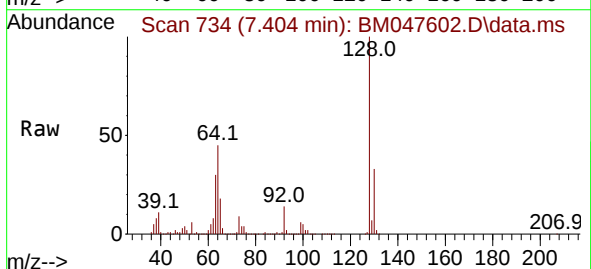
Tgt Ion:128 Resp: 1067724

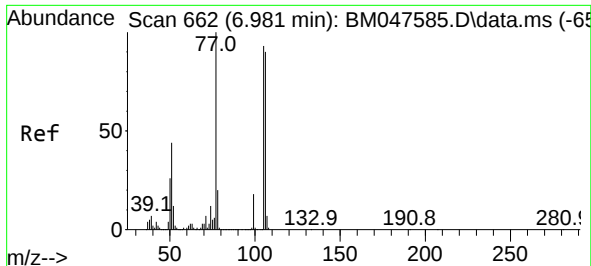
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

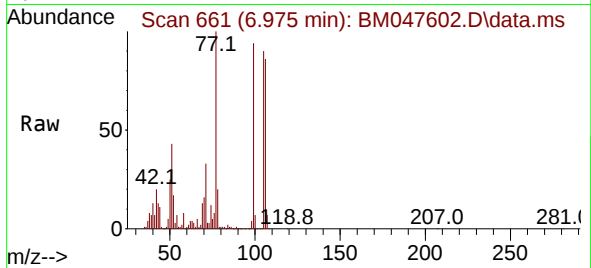
64 45.0 27.6 67.6





#9
Benzaldehyde
Concen: 11.529 ng
RT: 6.975 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

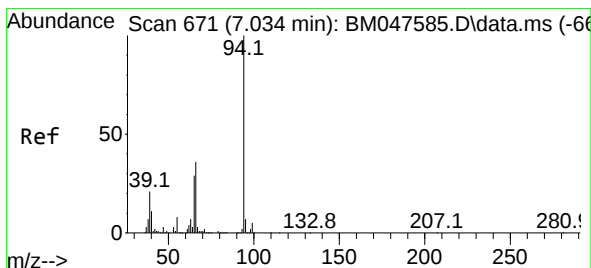
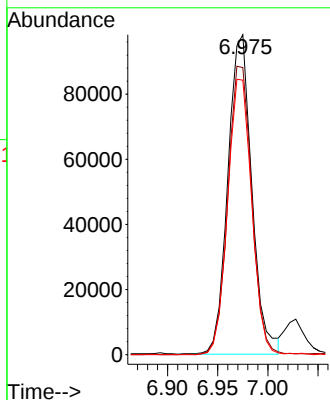
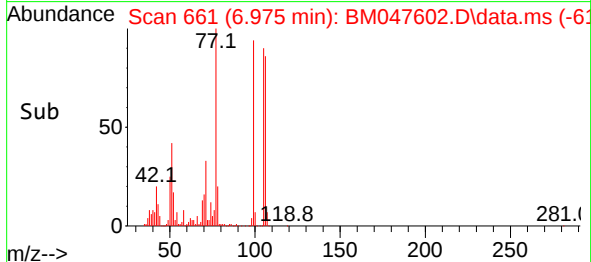
Instrument :
BNA_M
ClientSampleId :
S1-6MS



Tgt Ion: 77 Resp: 163152
Ion Ratio Lower Upper
77 100
105 89.7 73.0 113.0
106 85.8 70.3 110.3

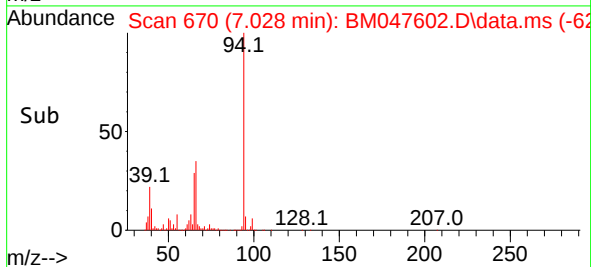
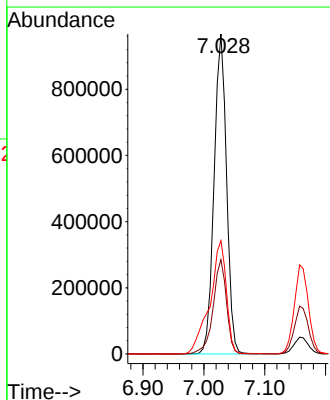
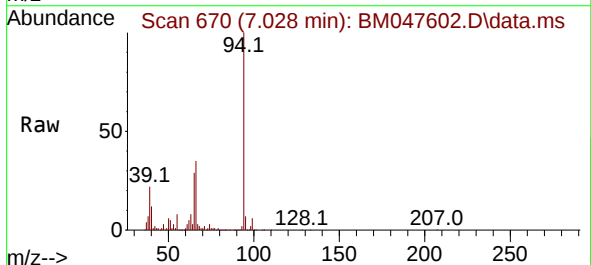
Manual Integrations
APPROVED

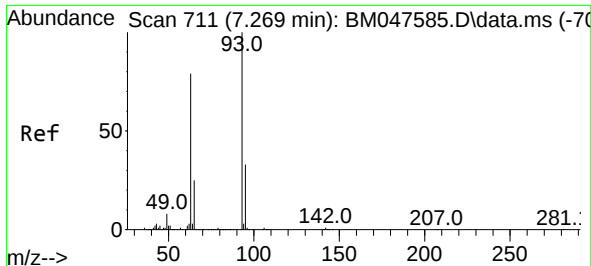
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#10
Phenol
Concen: 49.878 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

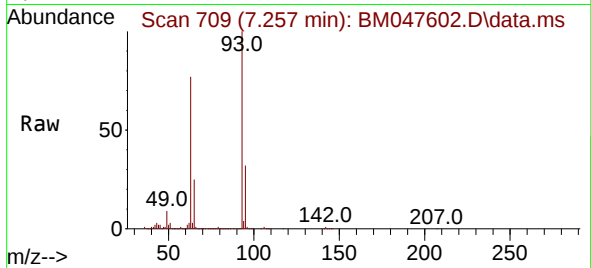
Tgt Ion: 94 Resp: 1373509
Ion Ratio Lower Upper
94 100
65 29.5 9.1 49.1
66 35.4 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 47.835 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

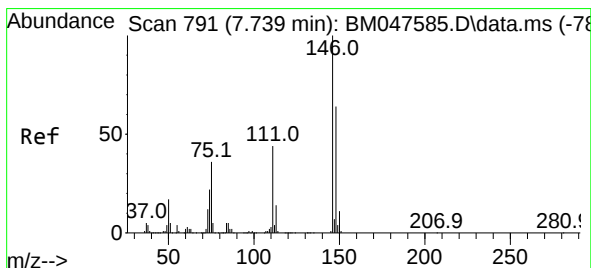
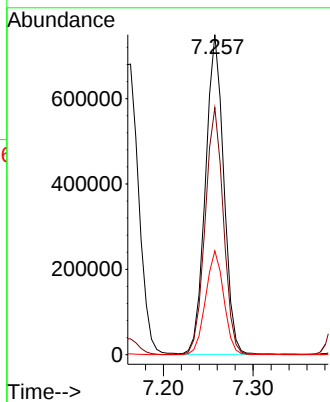
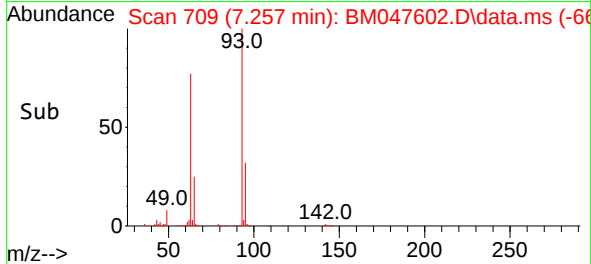
Instrument :
BNA_M
ClientSampleId :
S1-6MS



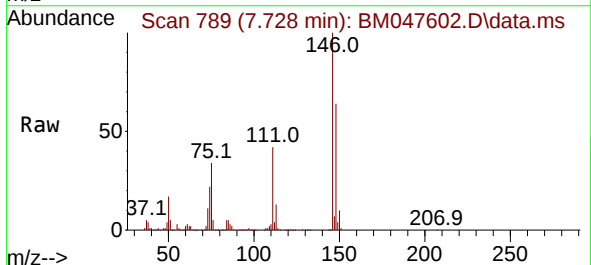
Tgt Ion: 93 Resp: 1058738
Ion Ratio Lower Upper
93 100
63 77.2 58.5 98.5
95 32.4 12.9 52.9

Manual Integrations
APPROVED

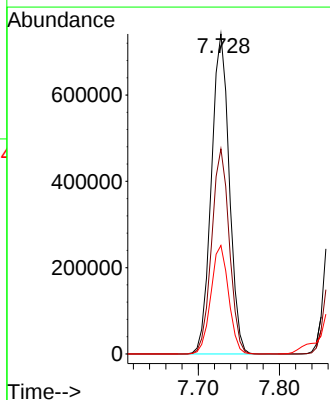
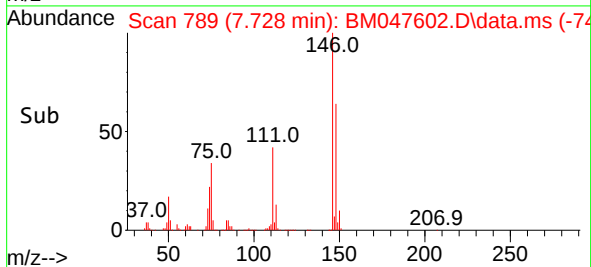
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

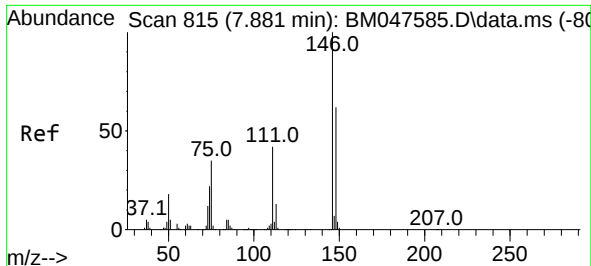


#12
1,3-Dichlorobenzene
Concen: 46.422 ng
RT: 7.728 min Scan# 789
Delta R.T. -0.012 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



Tgt Ion:146 Resp: 1131190
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 33.9 28.4 42.6





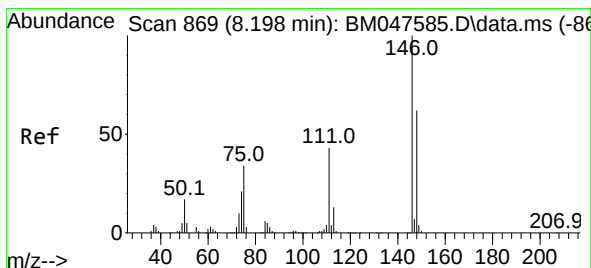
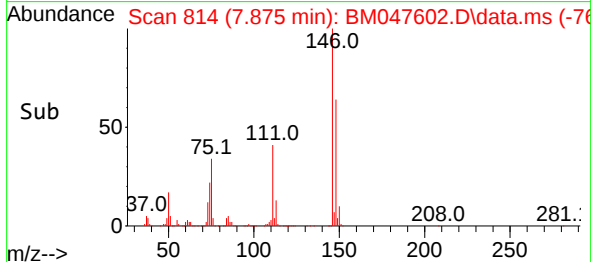
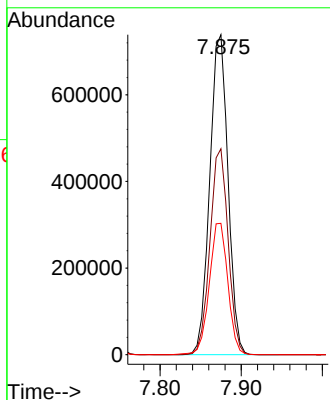
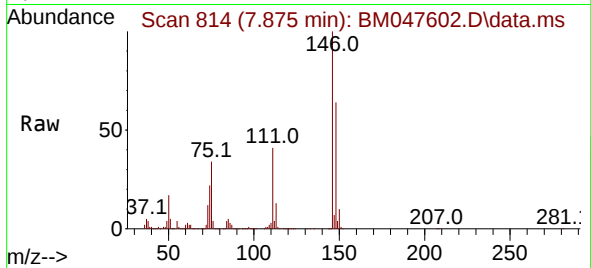
#13
1,4-Dichlorobenzene
Concen: 46.772 ng
RT: 7.875 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Instrument :
BNA_M
ClientSampleId :
S1-6MS

Tgt Ion:146 Resp: 1153225
Ion Ratio Lower Upper
146 100
148 64.4 49.8 74.6
111 41.1 33.3 49.9

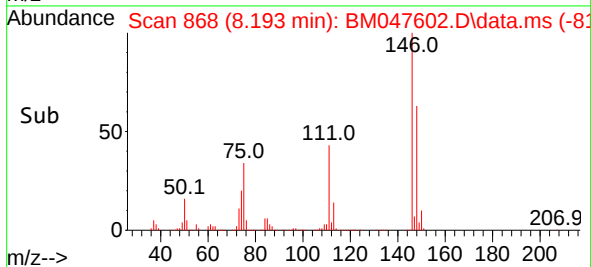
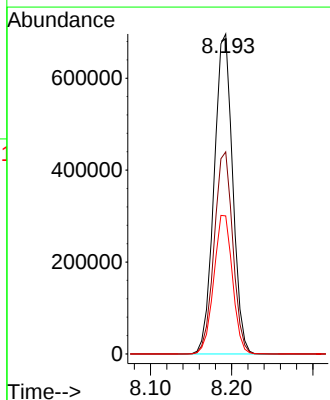
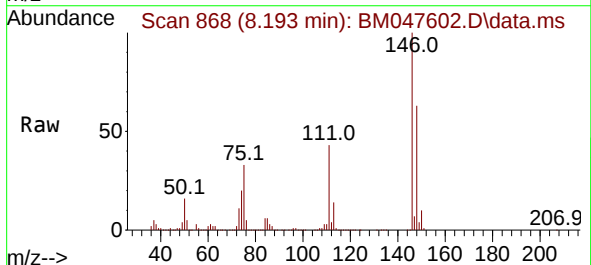
Manual Integrations
APPROVED

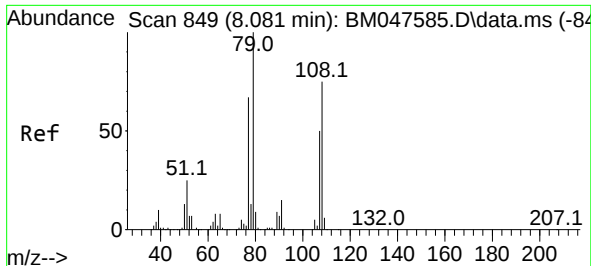
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#14
1,2-Dichlorobenzene
Concen: 46.466 ng
RT: 8.193 min Scan# 868
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

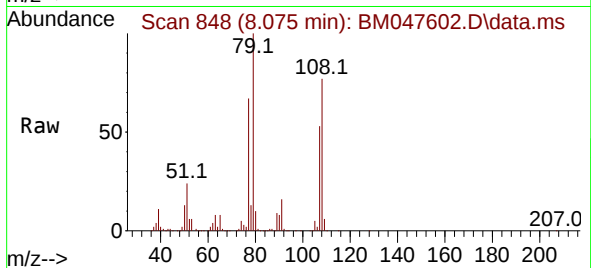
Tgt Ion:146 Resp: 1104337
Ion Ratio Lower Upper
146 100
148 63.2 49.7 74.5
111 43.2 34.8 52.2





#15
Benzyl Alcohol
Concen: 49.432 ng
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

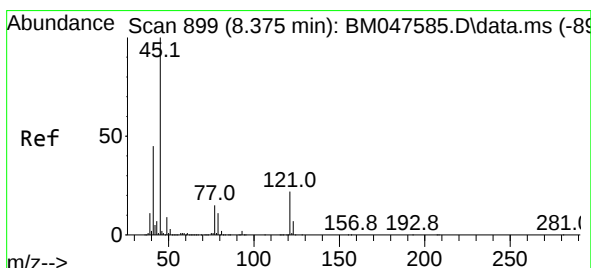
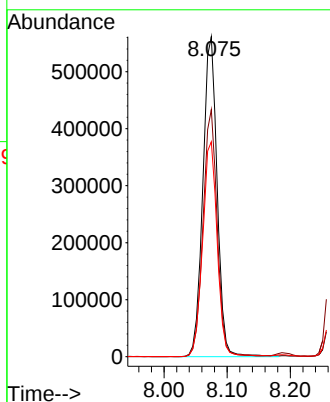
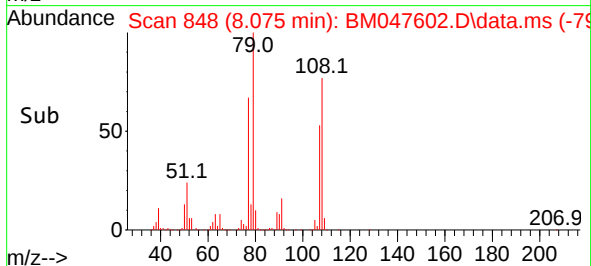
Instrument :
BNA_M
ClientSampleId :
S1-6MS



Tgt Ion: 79 Resp: 884520
Ion Ratio Lower Upper
79 100
108 77.2 60.2 90.2
77 67.1 53.9 80.9

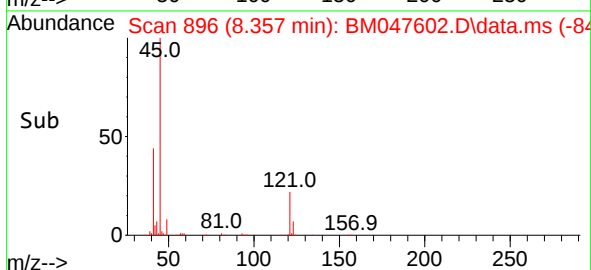
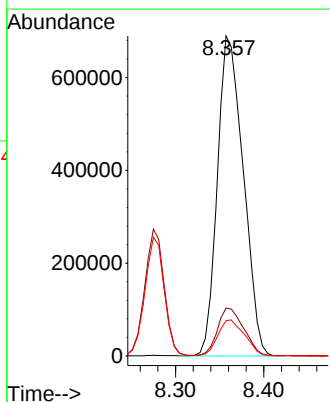
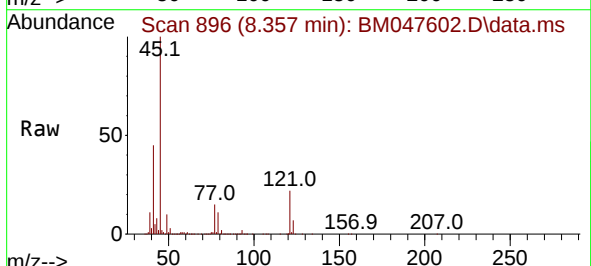
Manual Integrations
APPROVED

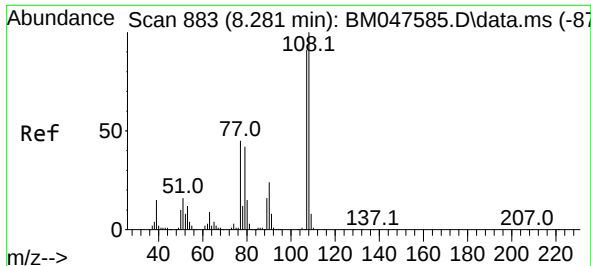
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.910 ng m
RT: 8.357 min Scan# 896
Delta R.T. -0.017 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Tgt Ion: 45 Resp: 1408039
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.5
79 11.1 0.0 31.6





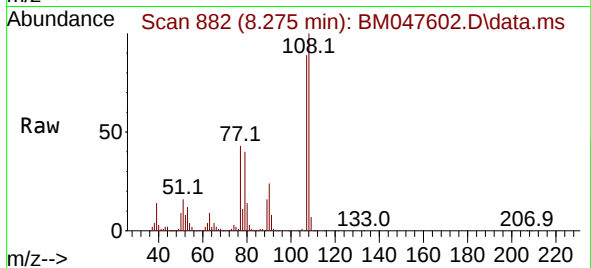
#17
2-Methylphenol
Concen: 48.921 ng
RT: 8.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

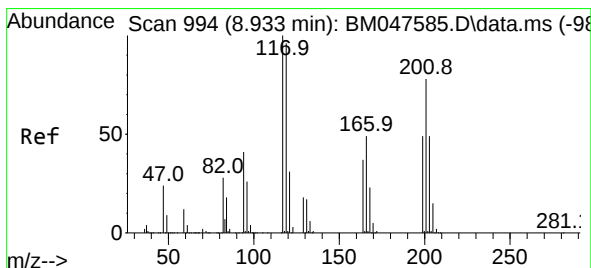
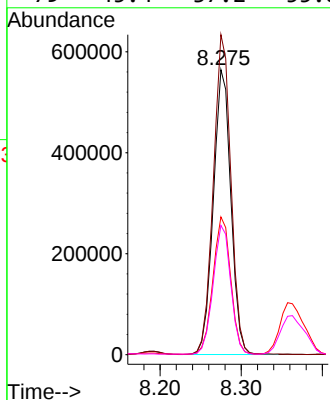
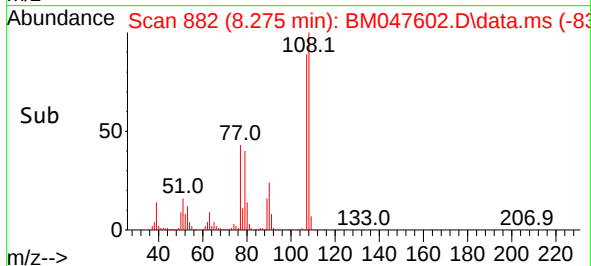


Tgt Ion:107 Resp: 846679
Ion Ratio Lower Upper
107 100
108 112.3 87.8 131.6
77 48.4 39.6 59.4
79 45.4 37.2 55.8

Manual Integrations

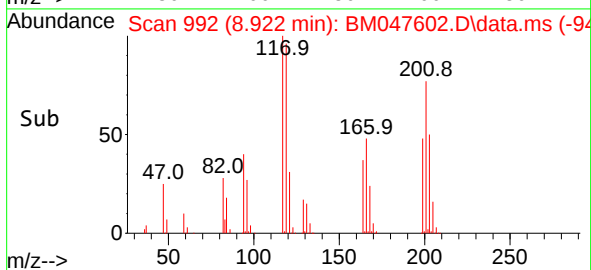
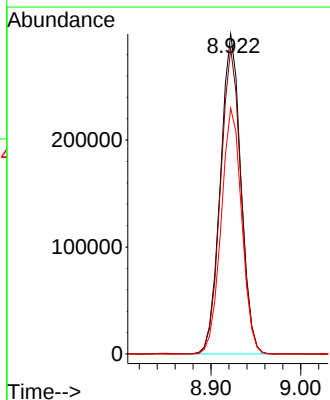
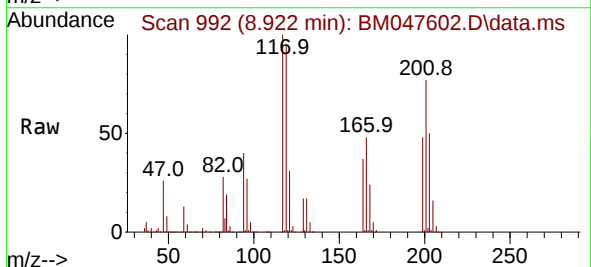
APPROVED

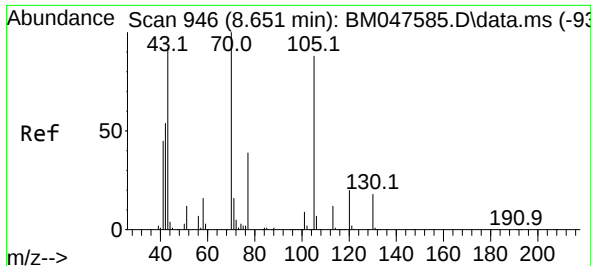
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#18
Hexachloroethane
Concen: 47.322 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.012 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

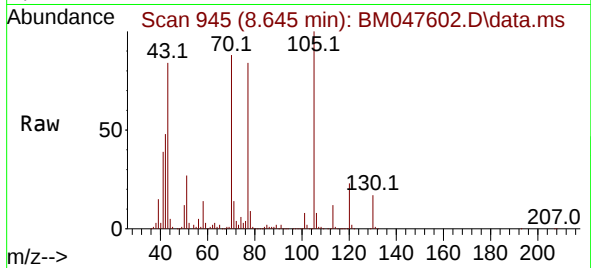
Tgt Ion:117 Resp: 473163
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
201 76.8 62.3 93.5





#19
n-Nitroso-di-n-propylamine
Concen: 49.221 ng
RT: 8.645 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

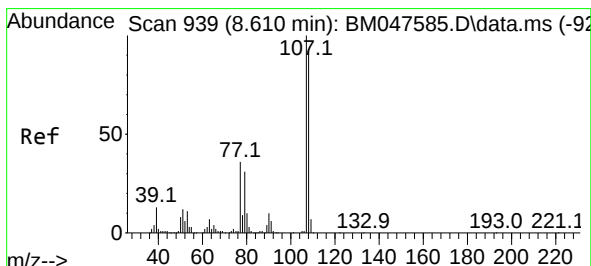
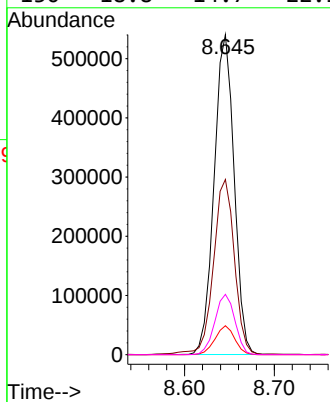
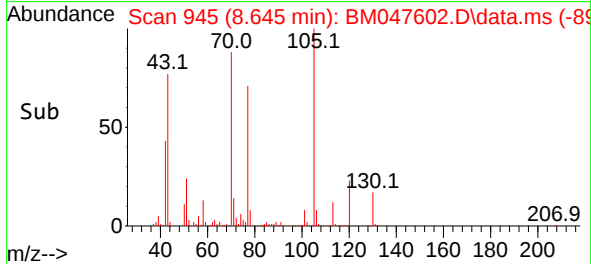
Instrument :
BNA_M
ClientSampleId :
S1-6MS



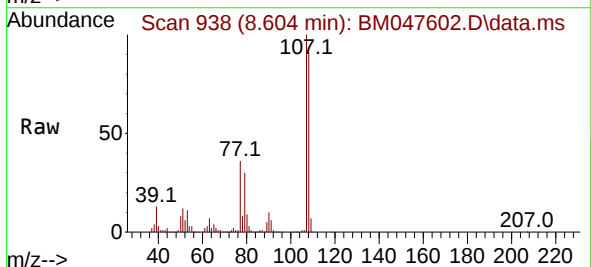
Tgt Ion: 70 Resp: 836140
Ion Ratio Lower Upper
70 100
42 54.7 44.2 66.2
101 9.1 7.0 10.4
130 18.8 14.7 22.1

Manual Integrations
APPROVED

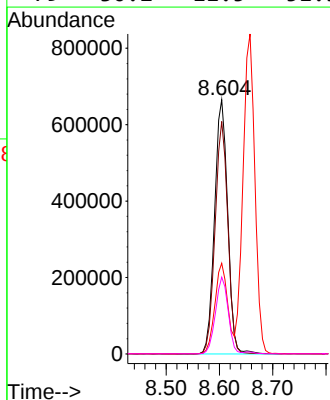
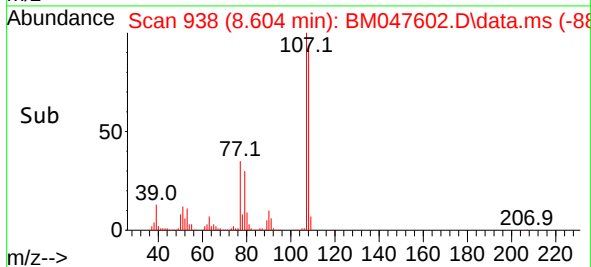
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

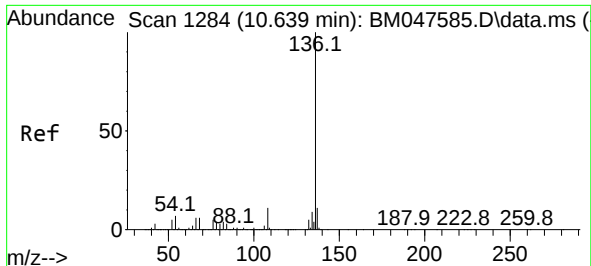


#20
3+4-Methylphenols
Concen: 48.275 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



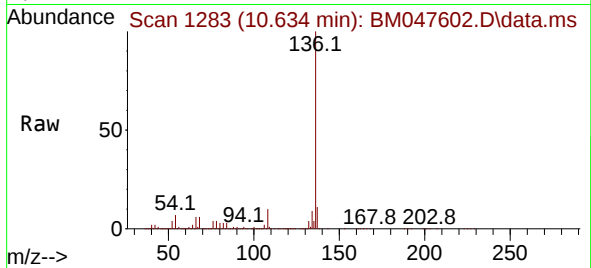
Tgt Ion:107 Resp: 1138020
Ion Ratio Lower Upper
107 100
108 91.4 71.8 111.8
77 35.7 16.1 56.1
79 30.2 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

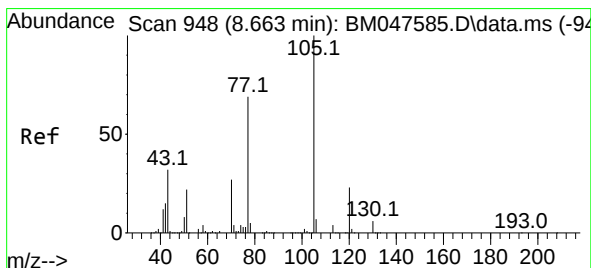
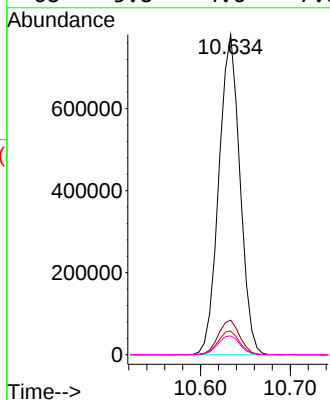
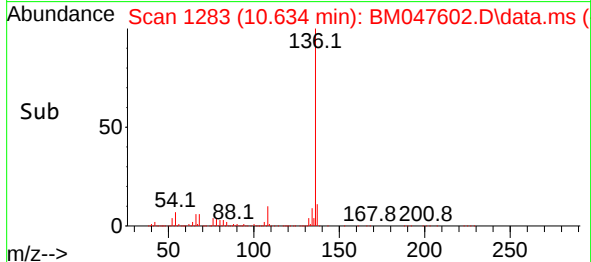
Instrument :
BNA_M
ClientSampleId :
S1-6MS



Tgt Ion:136 Resp: 127214
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.4 6.0 9.0
68 5.8 4.6 7.0

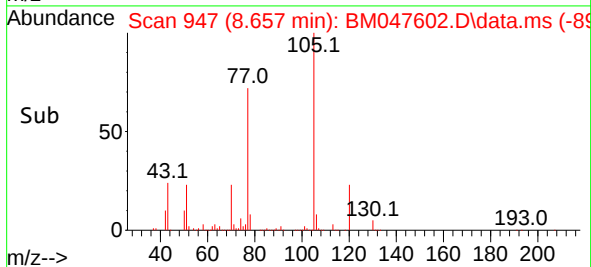
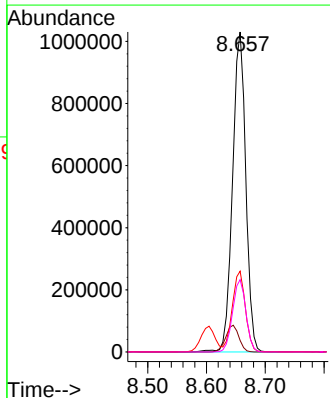
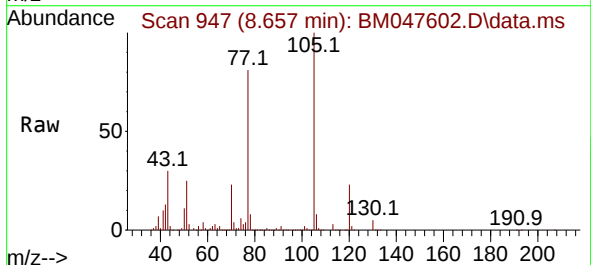
Manual Integrations
APPROVED

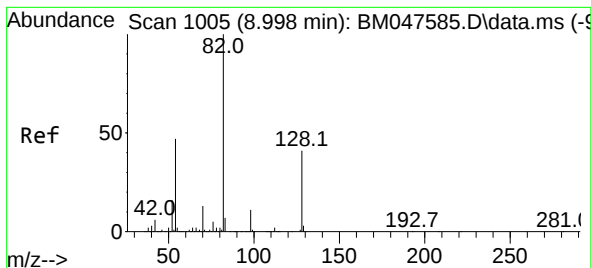
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#22
Acetophenone
Concen: 48.513 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Tgt Ion:105 Resp: 1607868
Ion Ratio Lower Upper
105 100
71 3.6 3.4 5.2
51 25.3 21.4 32.2
120 22.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 70.067 ng

RT: 8.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion: 82 Resp: 1790564

Ion Ratio Lower Upper

82 100

128 42.0 32.5 48.7

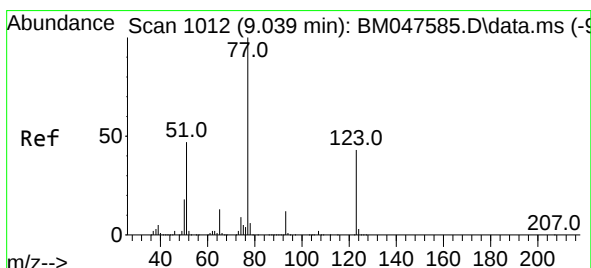
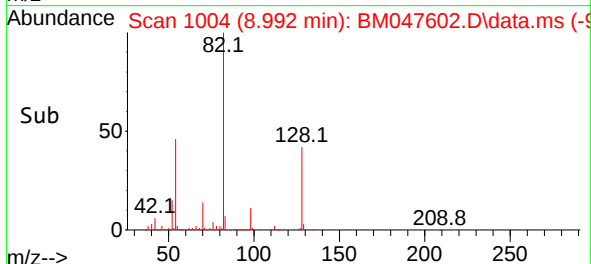
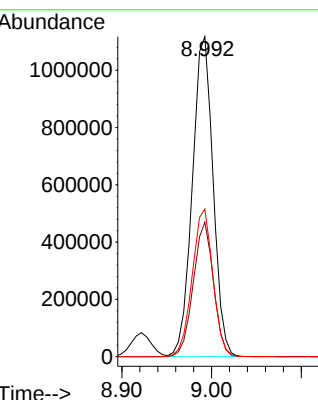
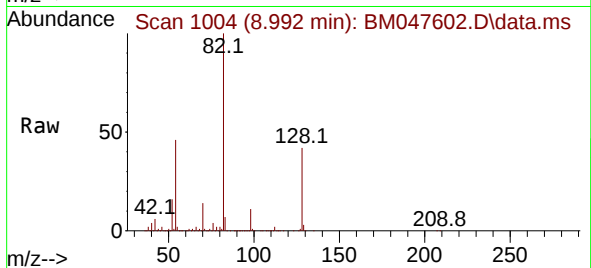
54 46.2 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#24

Nitrobenzene

Concen: 45.046 ng

RT: 9.034 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

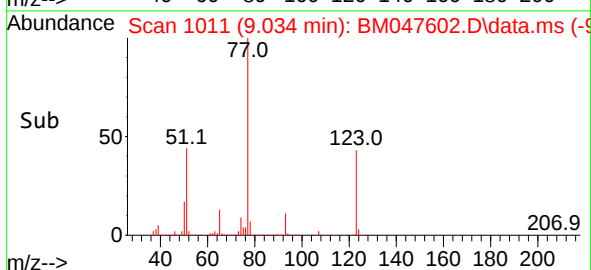
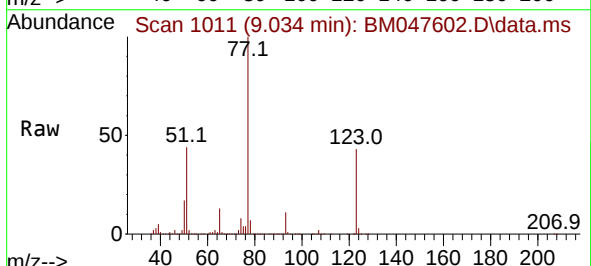
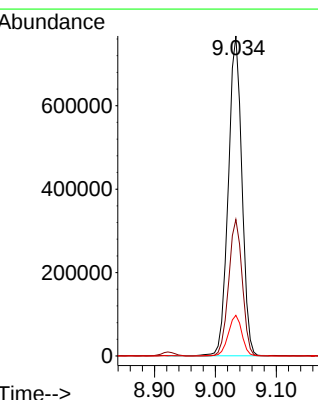
Tgt Ion: 77 Resp: 1188974

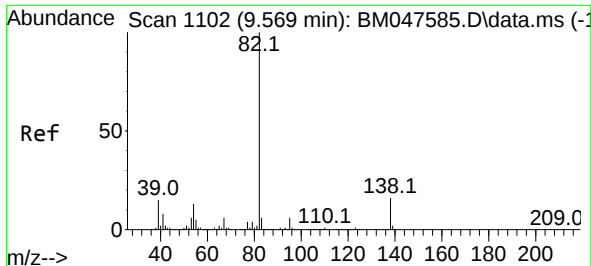
Ion Ratio Lower Upper

77 100

123 42.6 34.1 51.1

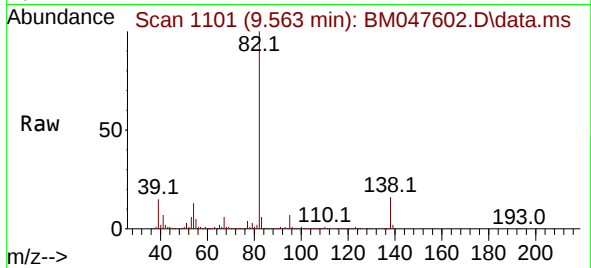
65 12.7 10.7 16.1





#25
Isophorone
Concen: 47.502 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

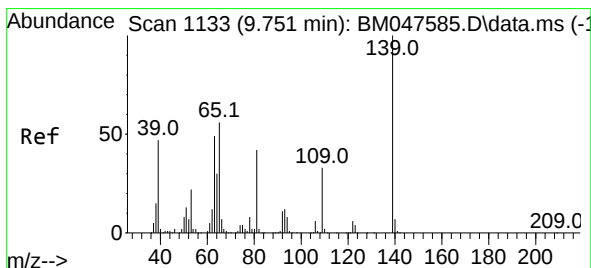
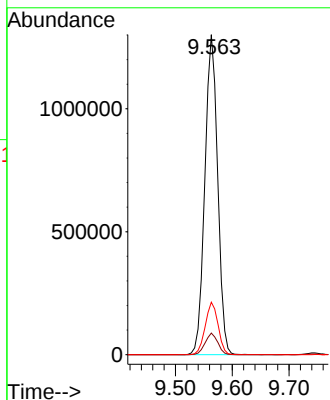
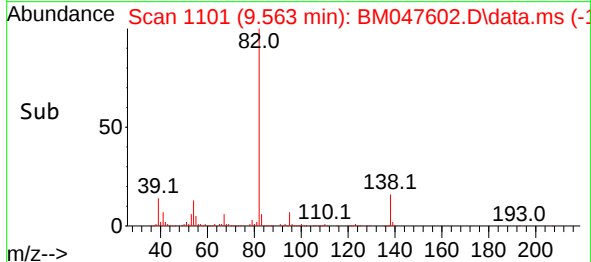
Instrument :
BNA_M
ClientSampleId :
S1-6MS



Tgt Ion: 82 Resp: 202866
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.6
138 16.4 12.9 19.3

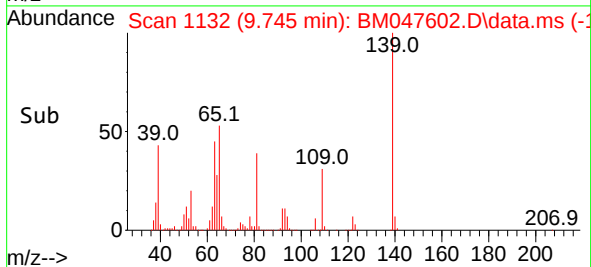
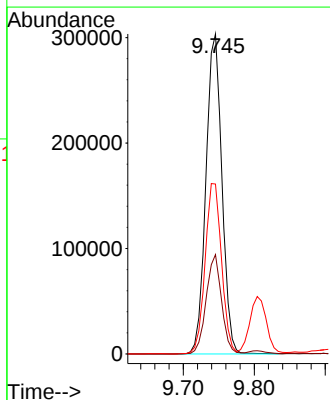
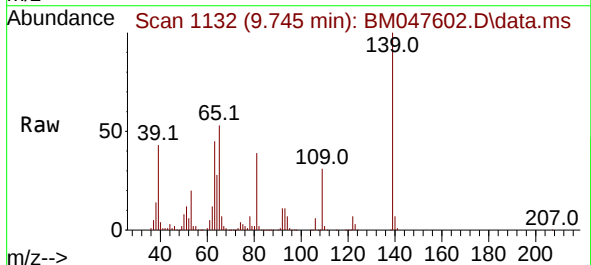
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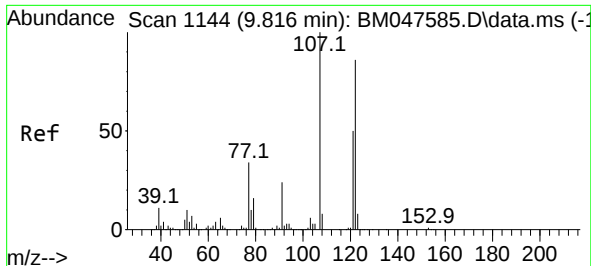
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#26
2-Nitrophenol
Concen: 51.161 ng
RT: 9.745 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Tgt Ion:139 Resp: 474801
Ion Ratio Lower Upper
139 100
109 31.0 26.1 39.1
65 53.1 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 60.320 ng

RT: 9.804 min Scan# 1144

Delta R.T. -0.012 min

Lab File: BM047602.D

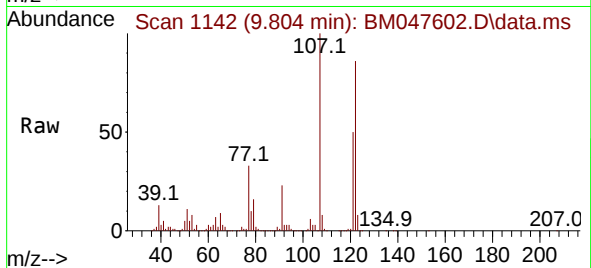
Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS



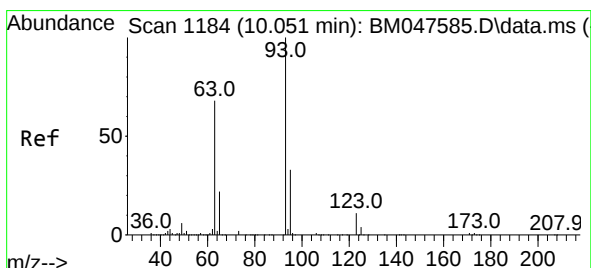
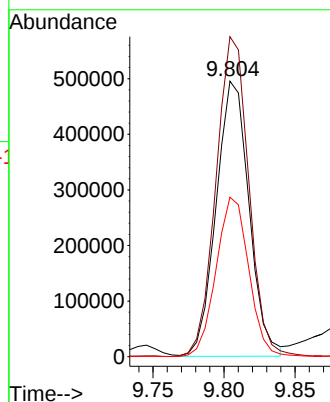
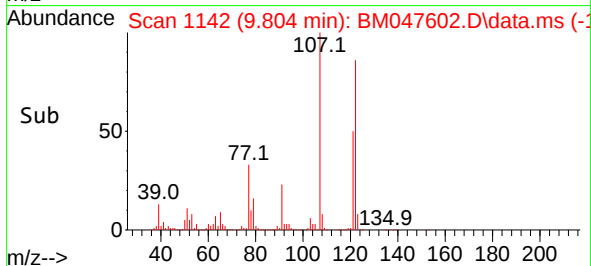
Tgt Ion:	122	Resp:	797938
Ion	Ratio	Lower	Upper
122	100		
107	116.1	92.2	138.2
121	57.9	45.8	68.6

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.139 ng

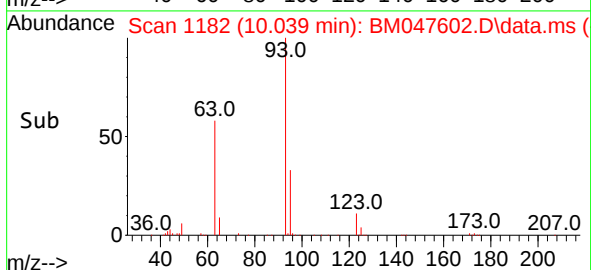
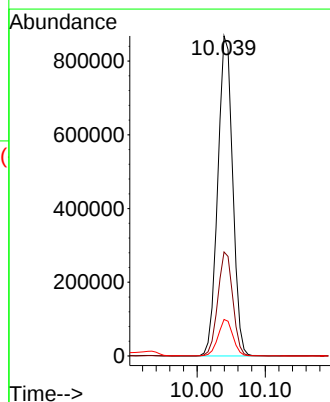
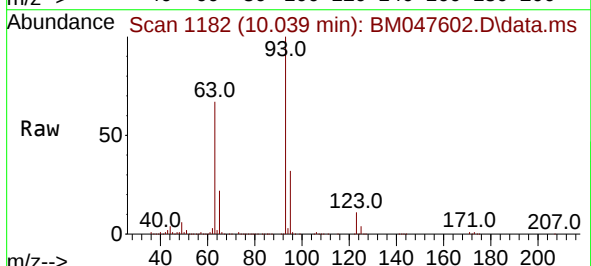
RT: 10.039 min Scan# 1182

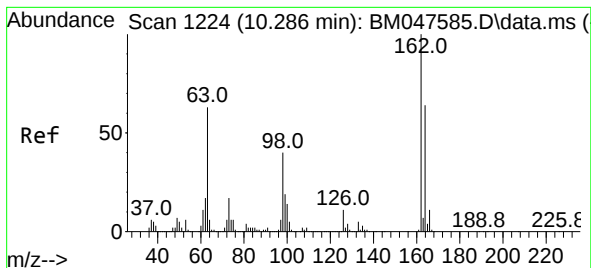
Delta R.T. -0.012 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

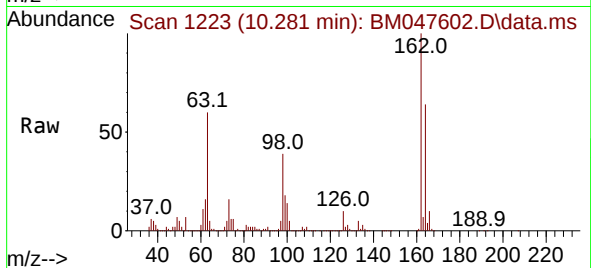
Tgt Ion:	93	Resp:	1322590
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.4	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 49.836 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

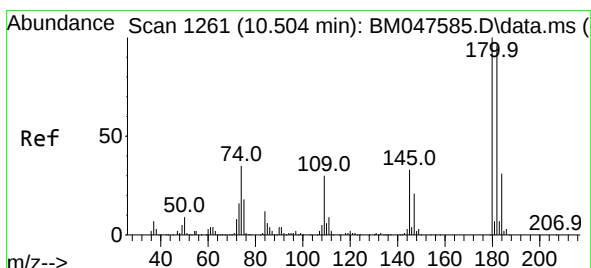
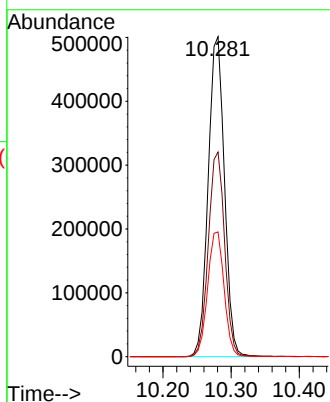
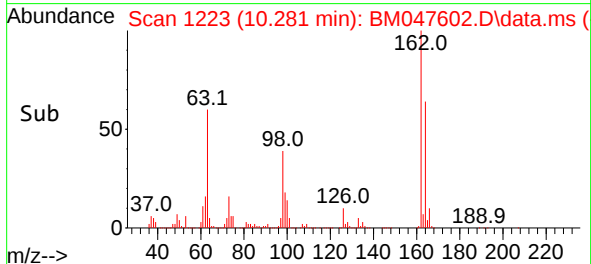
Instrument :
BNA_M
ClientSampleId :
S1-6MS



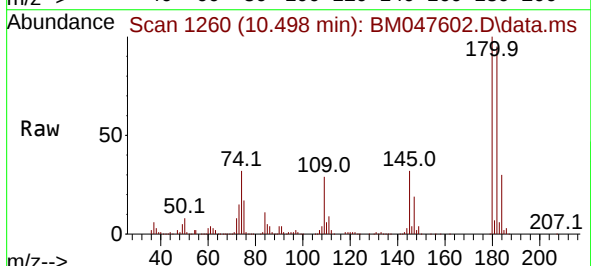
Tgt Ion:162 Resp: 833392
Ion Ratio Lower Upper
162 100
164 63.9 43.9 83.9
98 39.0 20.3 60.3

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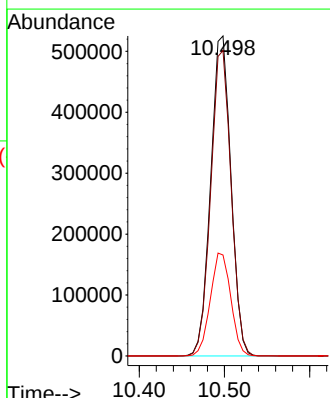
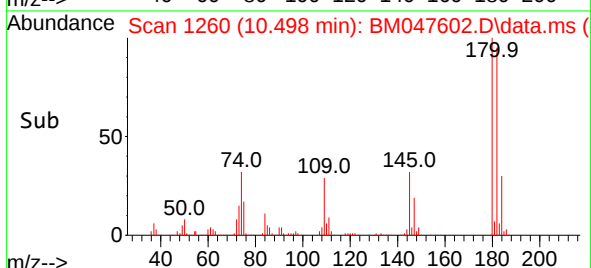
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

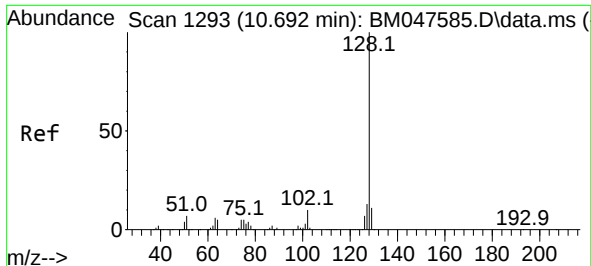


#30
1,2,4-Trichlorobenzene
Concen: 45.538 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



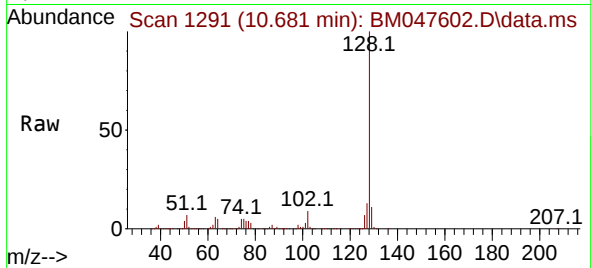
Tgt Ion:180 Resp: 867964
Ion Ratio Lower Upper
180 100
182 95.4 76.6 115.0
145 31.5 26.2 39.2





#31
Naphthalene
Concen: 47.703 ng
RT: 10.681 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

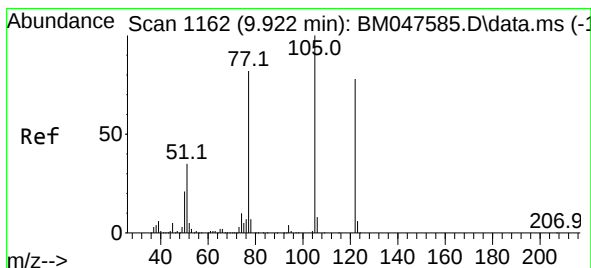
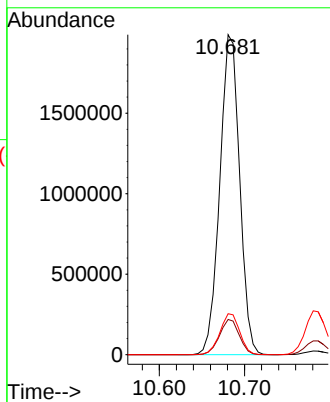
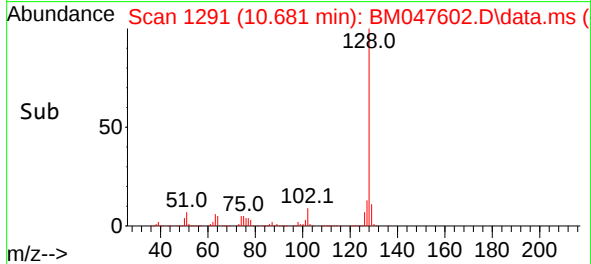
Instrument :
BNA_M
ClientSampleId :
S1-6MS



Tgt Ion:128 Resp: 3210608
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.3 15.5

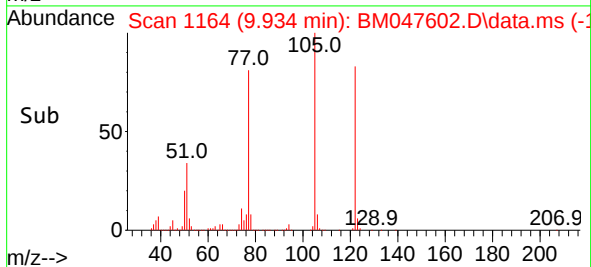
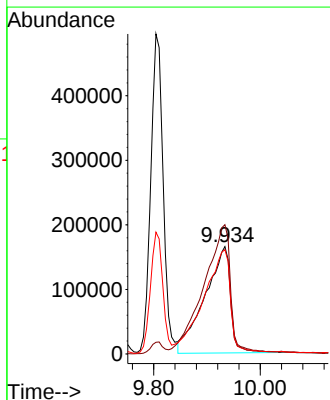
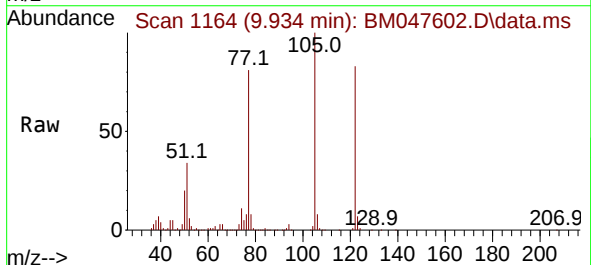
Manual Integrations
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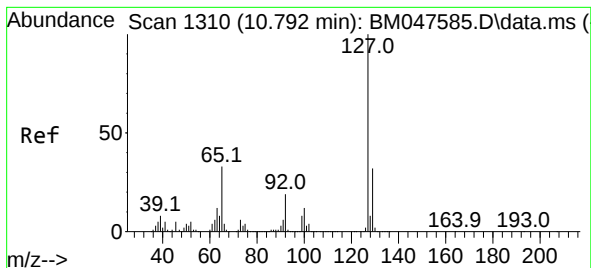
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#32
Benzoic acid
Concen: 44.800 ng
RT: 9.934 min Scan# 1164
Delta R.T. 0.012 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

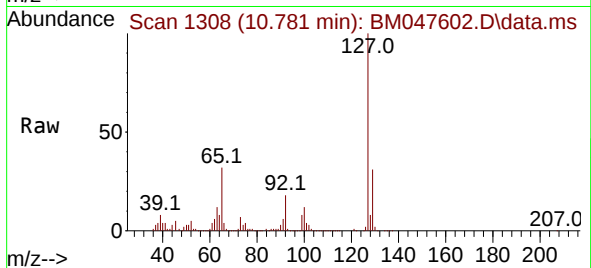
Tgt Ion:122 Resp: 552442
Ion Ratio Lower Upper
122 100
105 120.4 103.1 143.1
77 97.2 82.4 122.4





#33
4-Chloroaniline
Concen: 20.036 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

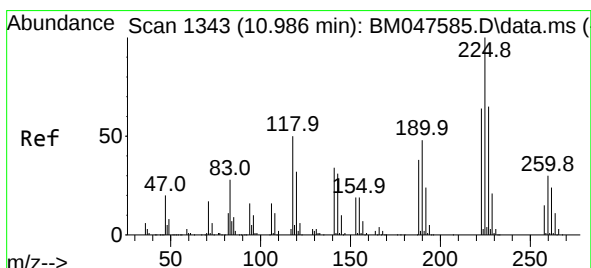
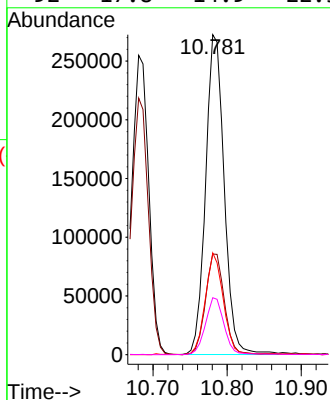
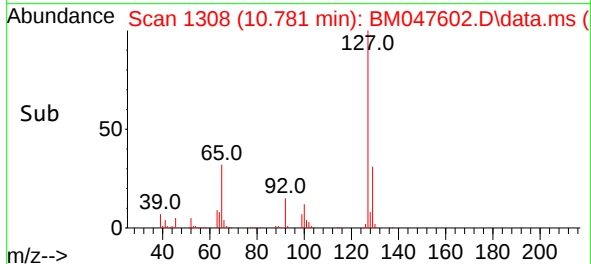
Instrument :
BNA_M
ClientSampleId :
S1-6MS



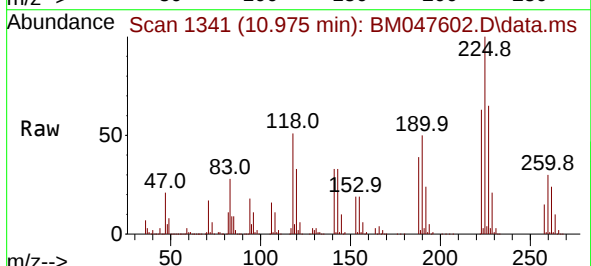
Tgt Ion:127 Resp: 475409
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4
65 31.8 26.1 39.1
92 17.8 14.9 22.3

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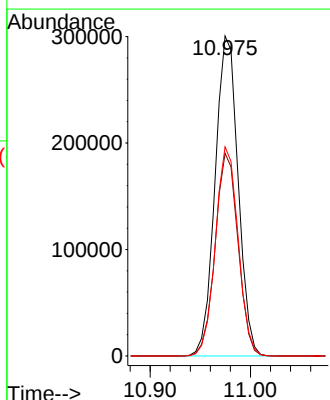
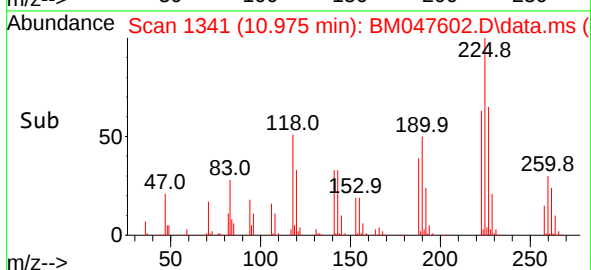
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

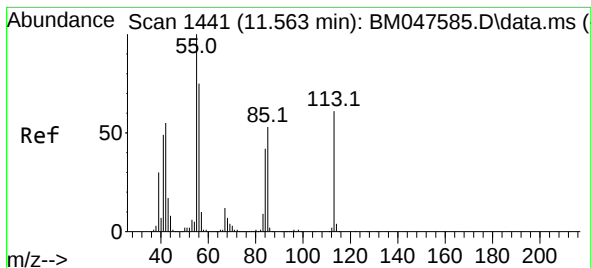


#34
Hexachlorobutadiene
Concen: 46.106 ng
RT: 10.975 min Scan# 1341
Delta R.T. -0.012 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



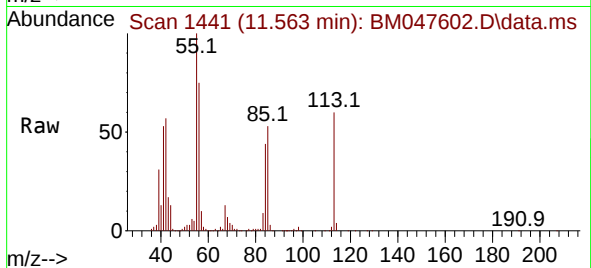
Tgt Ion:225 Resp: 478233
Ion Ratio Lower Upper
225 100
223 63.4 51.4 77.0
227 65.4 52.1 78.1





#35
Caprolactam
Concen: 41.151 ng m
RT: 11.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

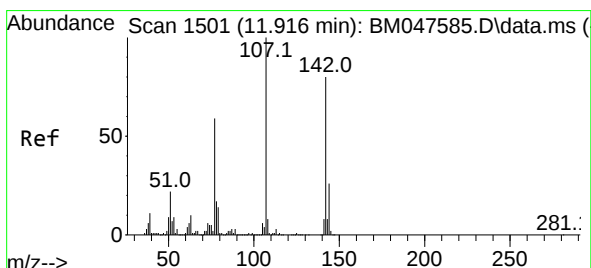
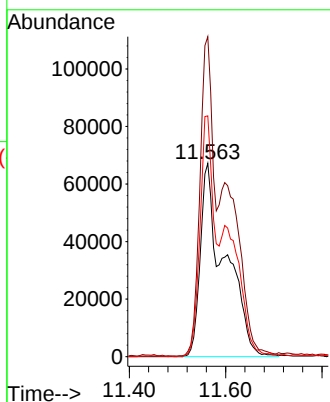
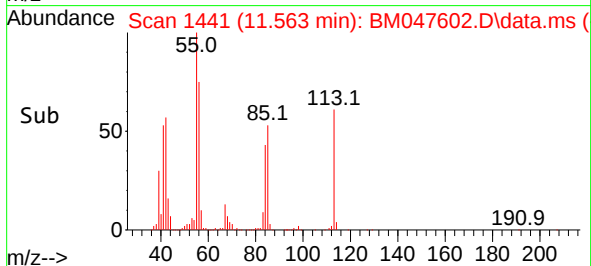
Instrument :
BNA_M
ClientSampleId :
S1-6MS



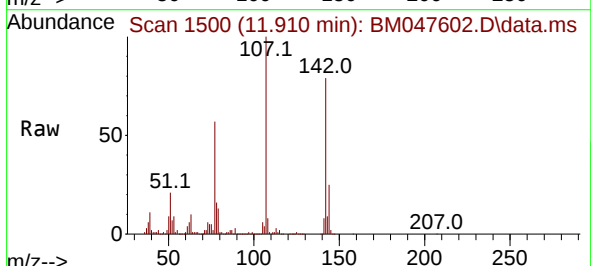
Tgt Ion:113 Resp: 23786
Ion Ratio Lower Upper
113 100
55 165.6 145.5 185.5
56 124.6 103.9 143.9

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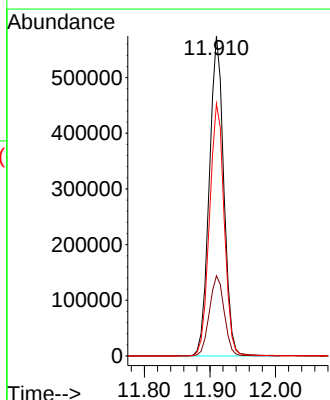
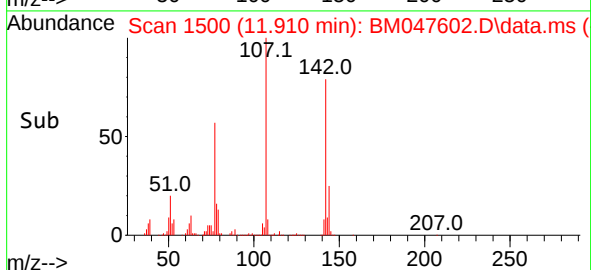
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

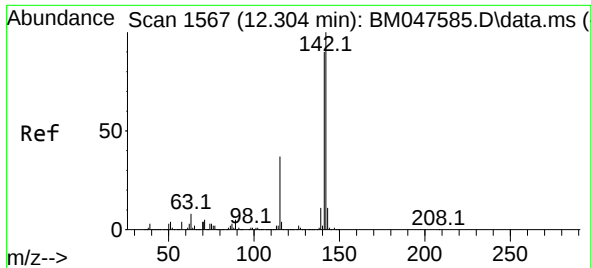


#36
4-Chloro-3-methylphenol
Concen: 46.273 ng
RT: 11.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



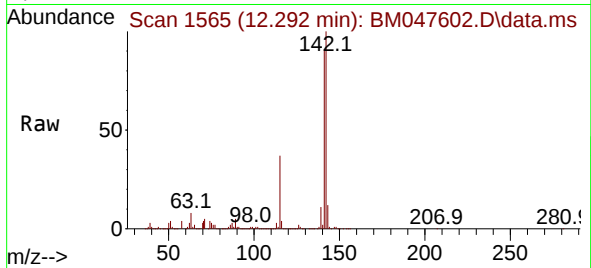
Tgt Ion:107 Resp: 882891
Ion Ratio Lower Upper
107 100
144 25.1 20.7 31.1
142 78.8 63.9 95.9





#37
2-Methylnaphthalene
Concen: 49.603 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

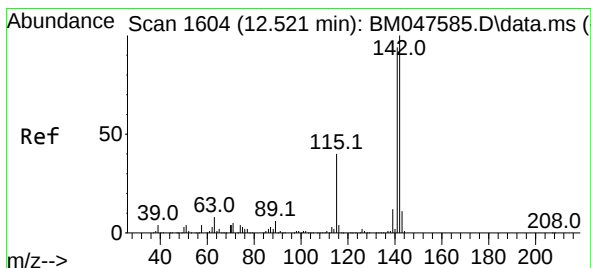
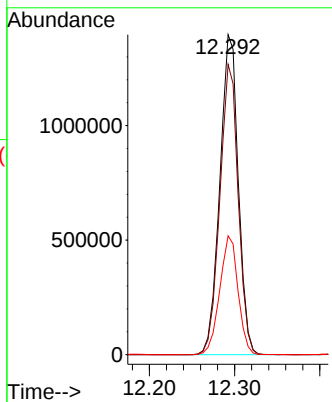
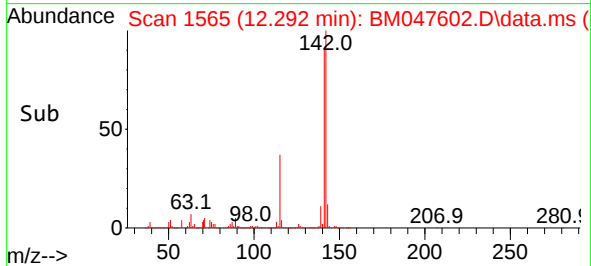
Instrument :
BNA_M
ClientSampleId :
S1-6MS



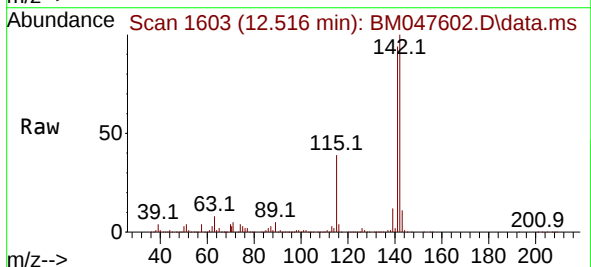
Tgt Ion:142 Resp: 209743
Ion Ratio Lower Upper
142 100
141 90.7 71.7 107.5
115 37.1 29.5 44.3

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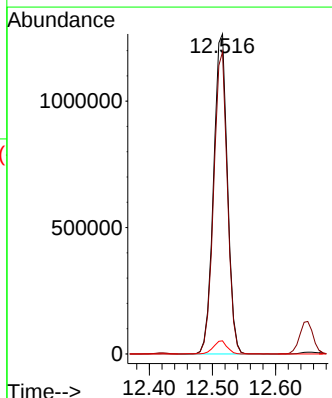
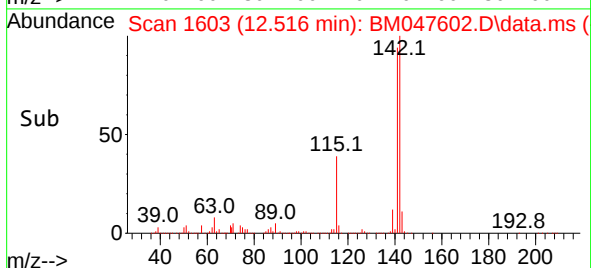
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

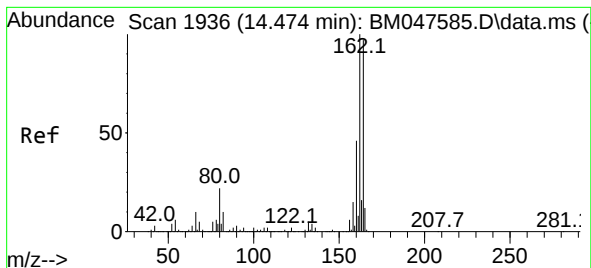


#38
1-Methylnaphthalene
Concen: 45.964 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



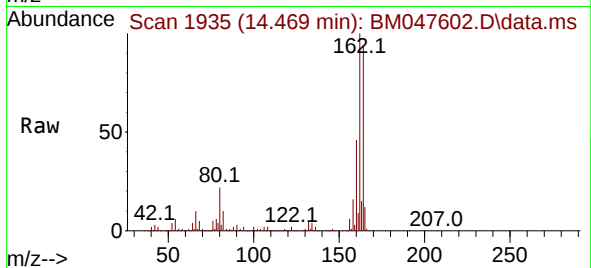
Tgt Ion:142 Resp: 1928077
Ion Ratio Lower Upper
142 100
141 94.4 75.3 112.9
116 4.1 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

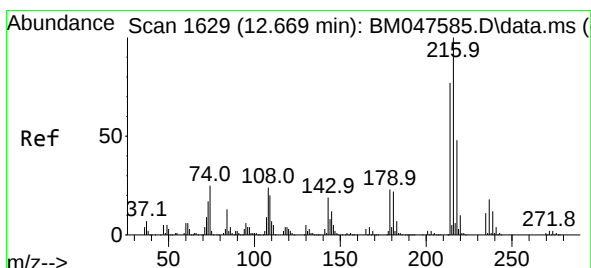
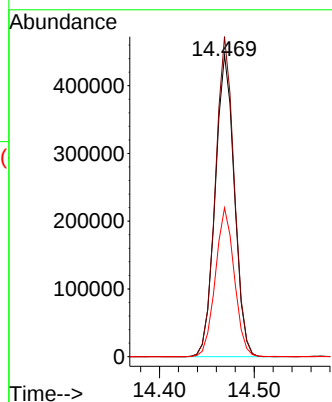
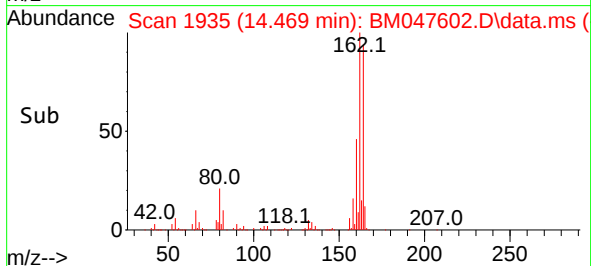
Instrument :
BNA_M
ClientSampleId :
S1-6MS



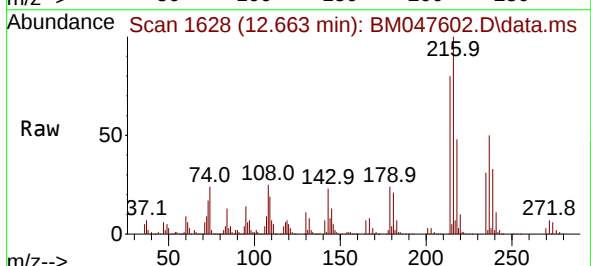
Tgt Ion:164 Resp: 62694
Ion Ratio Lower Upper
164 100
162 106.0 82.6 123.8
160 49.3 37.8 56.6

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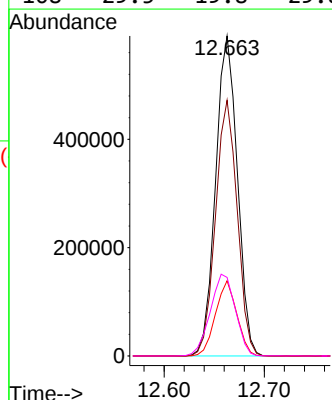
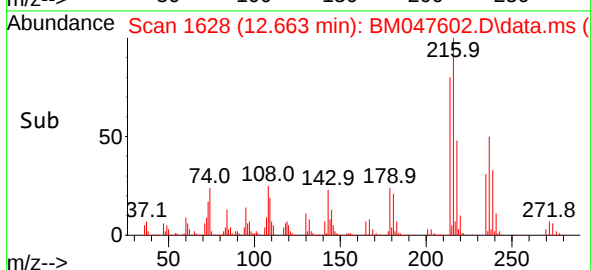
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

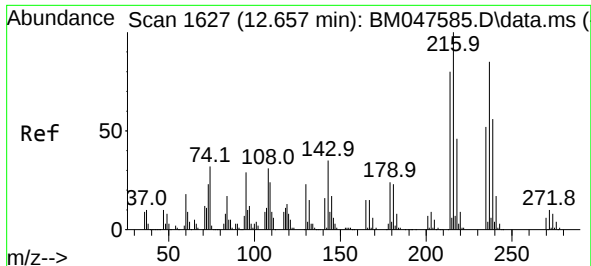


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.932 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



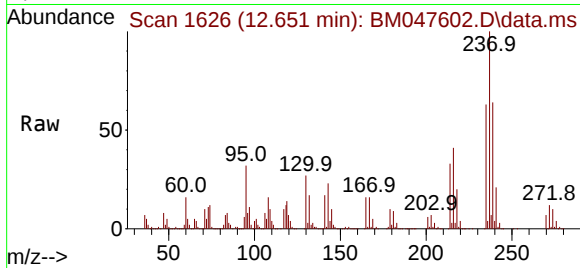
Tgt Ion:216 Resp: 892282
Ion Ratio Lower Upper
216 100
214 79.4 62.8 94.2
179 23.0 18.5 27.7
108 29.5 19.8 29.8





#41
Hexachlorocyclopentadiene
Concen: 199.356 ng
RT: 12.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

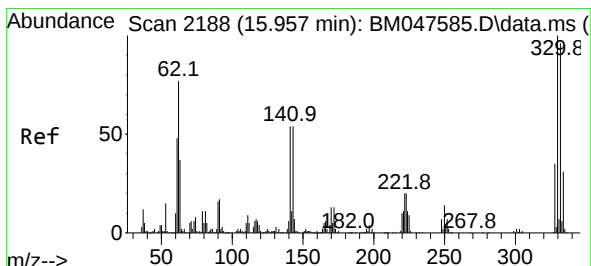
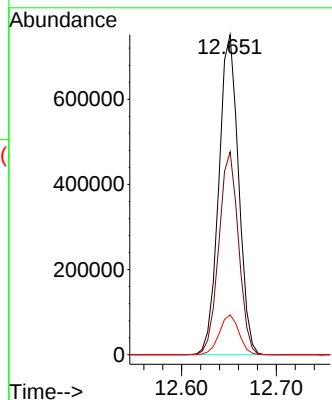
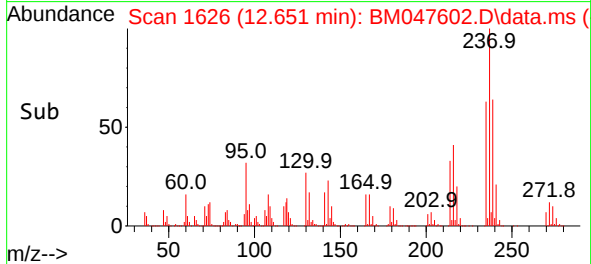
Instrument :
BNA_M
ClientSampleId :
S1-6MS



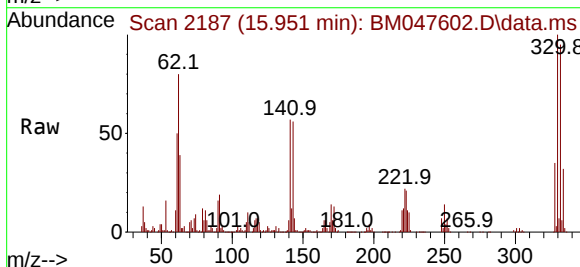
Tgt Ion:237 Resp: 108894
Ion Ratio Lower Upper
237 100
235 63.4 41.2 81.2
272 12.5 0.0 32.0

Manual Integrations
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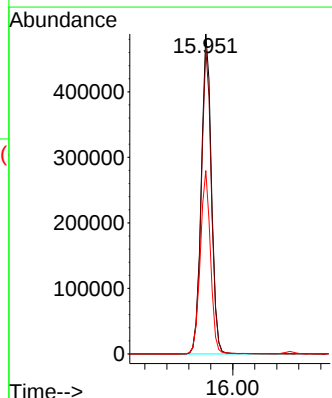
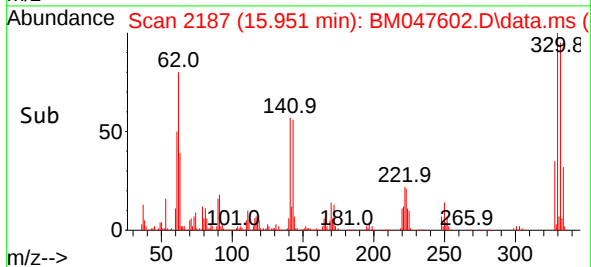
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

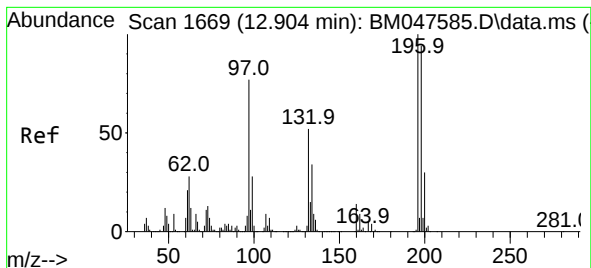


#42
2,4,6-Tribromophenol
Concen: 108.126 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



Tgt Ion:330 Resp: 627704
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.4
141 57.7 45.9 68.9





#43

2,4,6-Trichlorophenol

Concen: 52.341 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:196 Resp: 56280

Ion Ratio Lower Upper

196 100

198 95.4 75.5 113.3

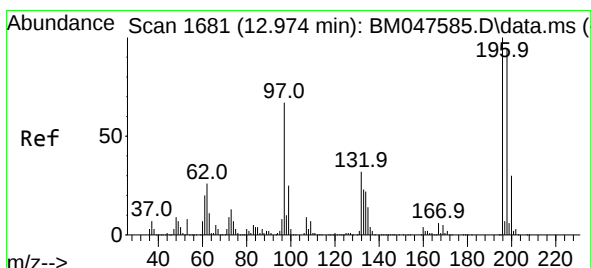
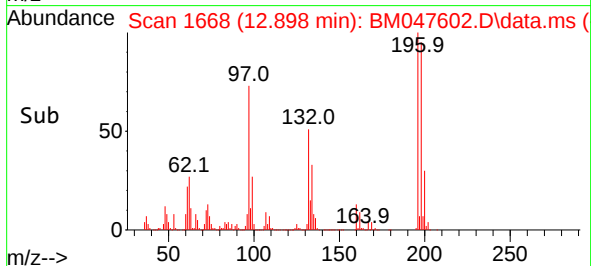
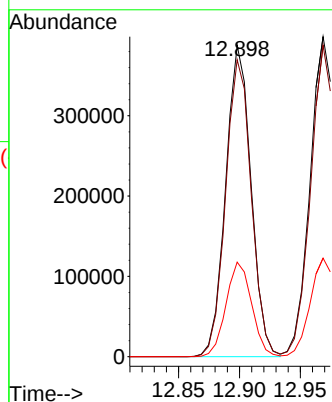
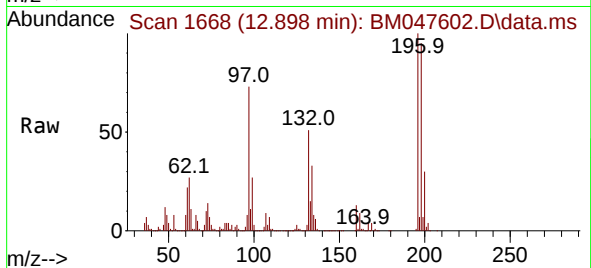
200 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#44

2,4,5-Trichlorophenol

Concen: 50.437 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Tgt Ion:196 Resp: 609588

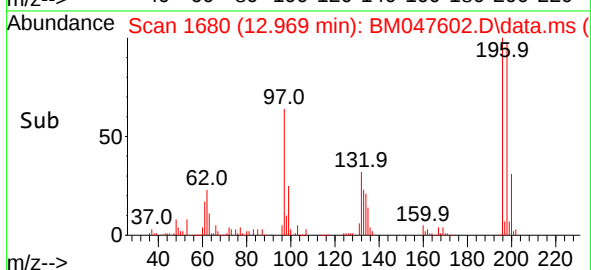
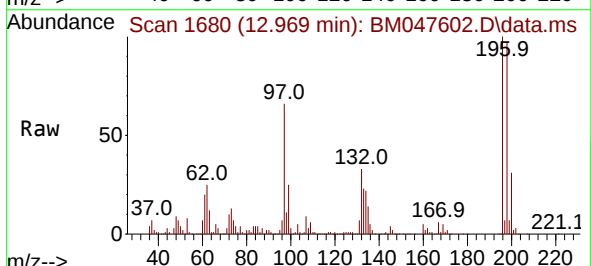
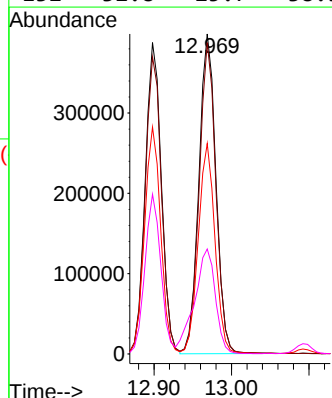
Ion Ratio Lower Upper

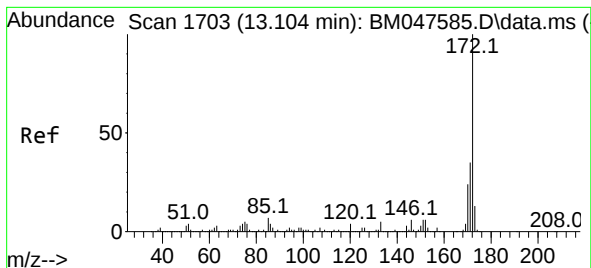
196 100

198 97.3 75.5 113.3

97 65.7 53.5 80.3

132 32.8 25.7 38.5





#45

2-Fluorobiphenyl

Concen: 75.227 ng

RT: 13.092 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:172 Resp: 333316

Ion Ratio Lower Upper

172 100

171 36.0 28.1 42.1

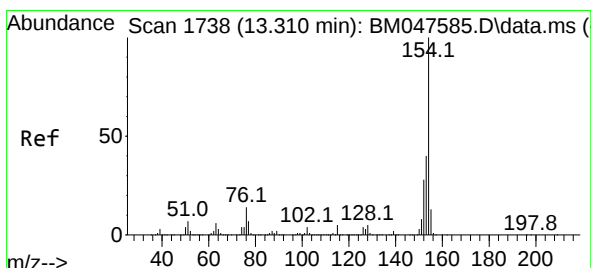
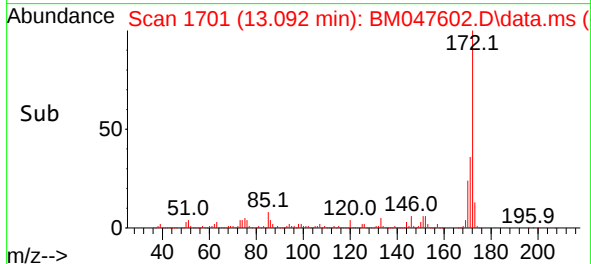
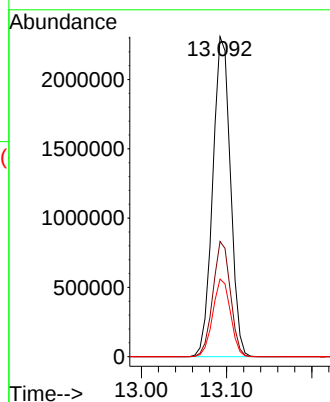
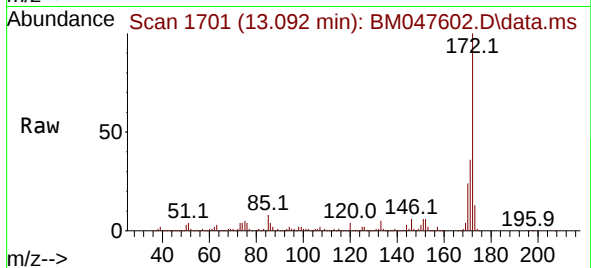
170 24.3 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#46

1,1'-Biphenyl

Concen: 51.261 ng

RT: 13.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

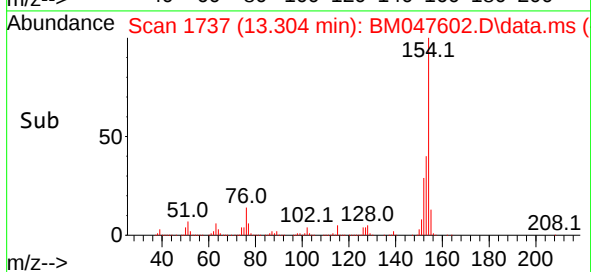
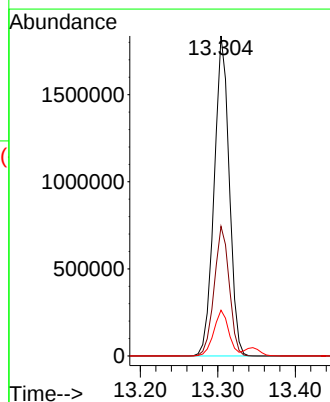
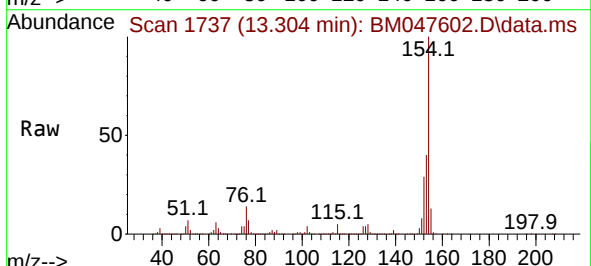
Tgt Ion:154 Resp: 2481951

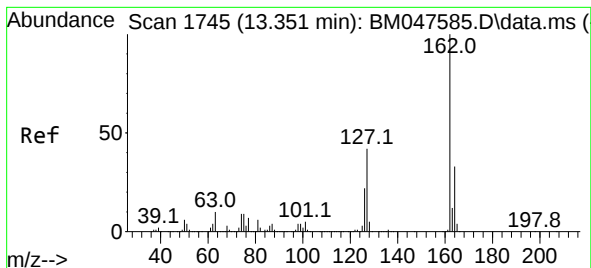
Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

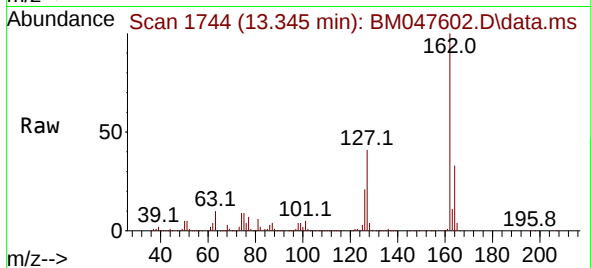
76 14.3 0.0 34.5





#47
2-Chloronaphthalene
Concen: 49.638 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

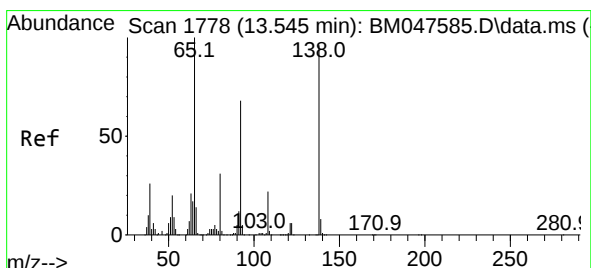
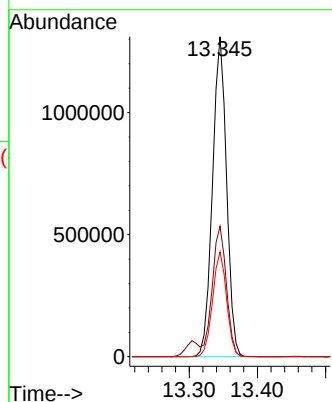
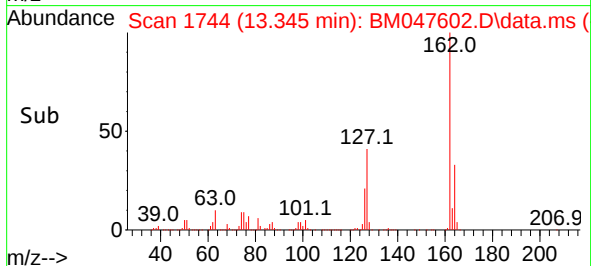
Instrument :
BNA_M
ClientSampleId :
S1-6MS



Tgt Ion:162 Resp: 1880530
Ion Ratio Lower Upper
162 100
127 40.8 33.8 50.6
164 32.7 26.2 39.4

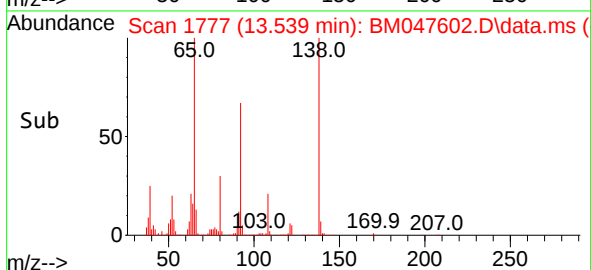
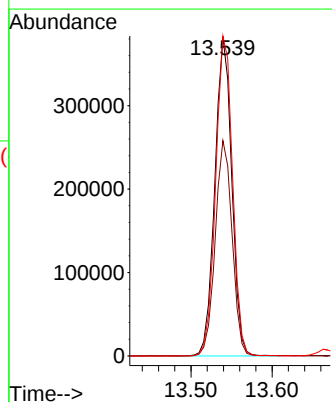
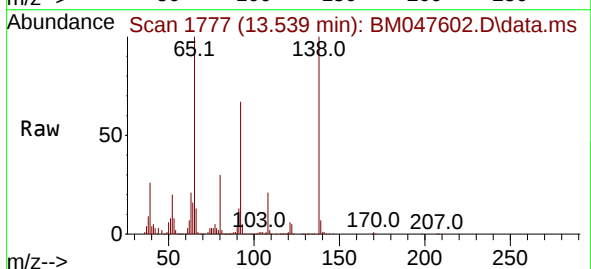
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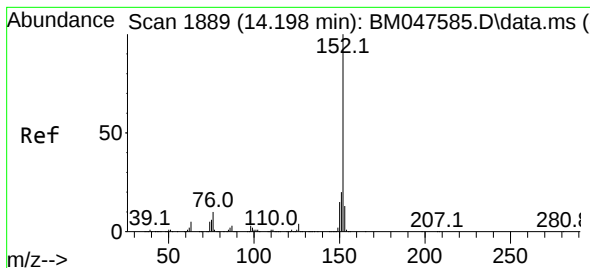
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#48
2-Nitroaniline
Concen: 48.958 ng
RT: 13.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Tgt Ion: 65 Resp: 553960
Ion Ratio Lower Upper
65 100
92 67.5 54.2 81.4
138 100.3 76.6 114.8





#49

Acenaphthylene

Concen: 53.823 ng

RT: 14.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BM047602.D

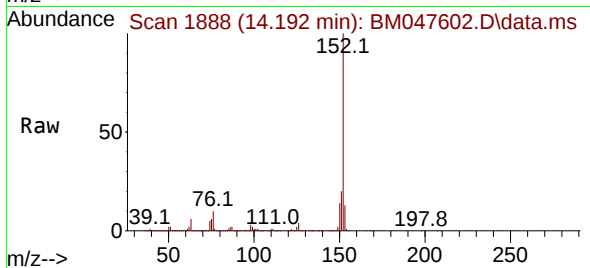
Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS



Tgt Ion:152 Resp: 2934320

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

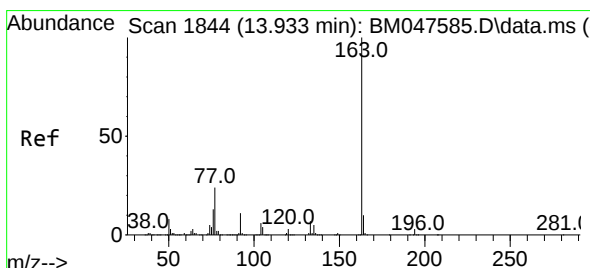
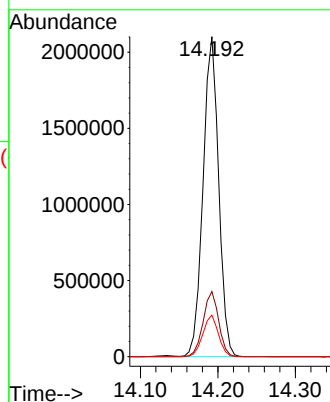
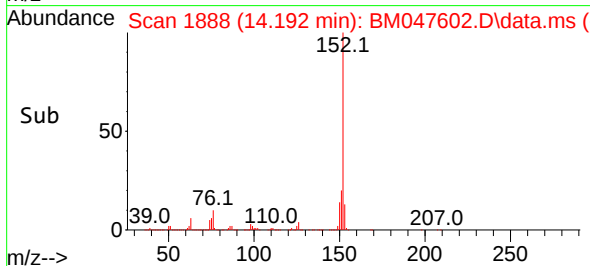
153 13.0 10.4 15.6

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#50

Dimethylphthalate

Concen: 47.952 ng

RT: 13.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

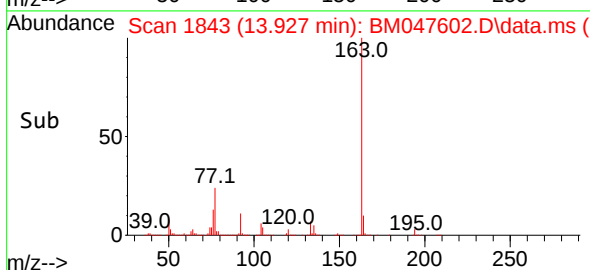
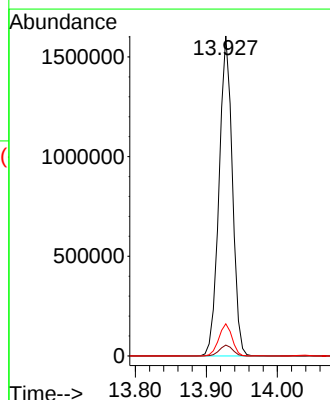
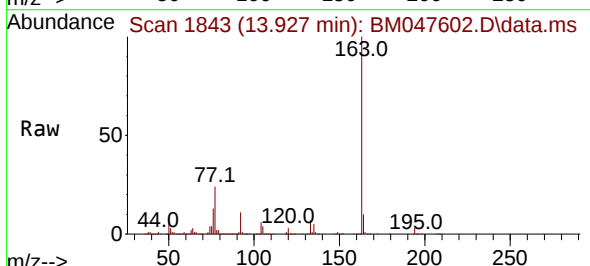
Tgt Ion:163 Resp: 2075710

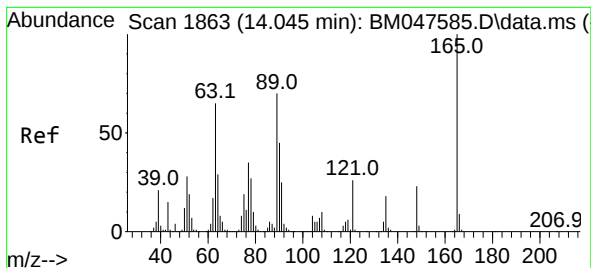
Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

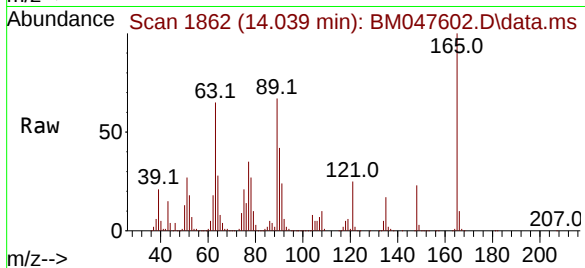
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.836 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

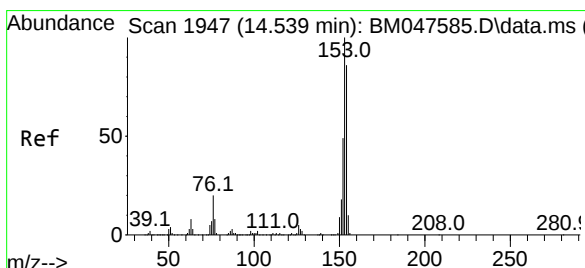
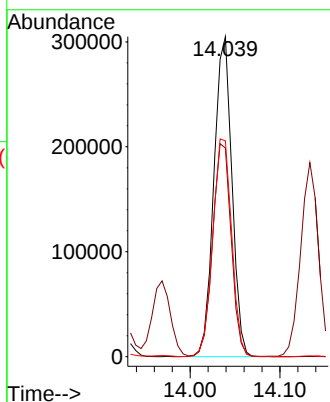
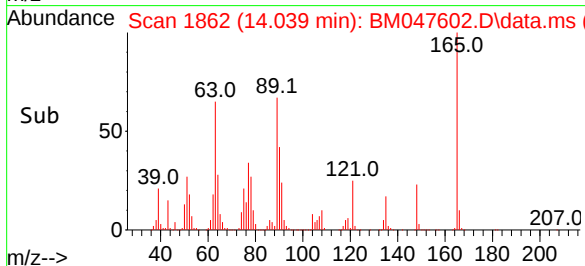
Instrument :
BNA_M
ClientSampleId :
S1-6MS



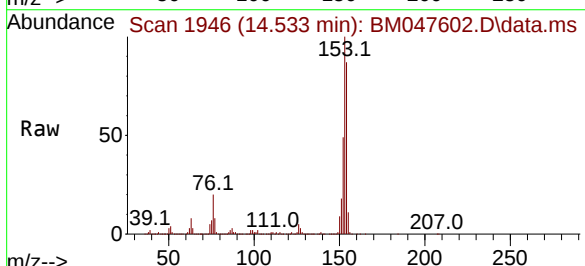
Tgt Ion:165 Resp: 424768
Ion Ratio Lower Upper
165 100
63 65.2 53.0 79.6
89 67.4 56.4 84.6

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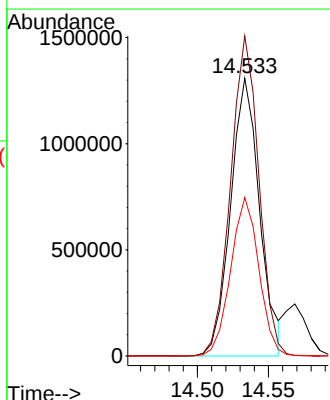
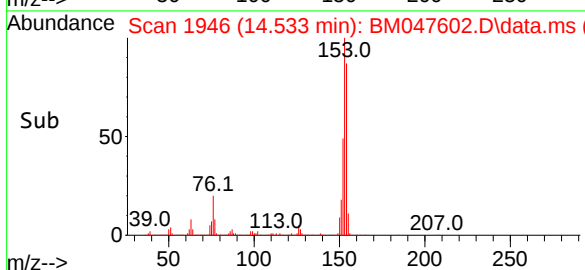
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

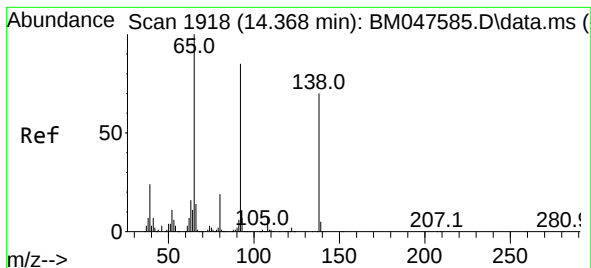


#52
Acenaphthene
Concen: 51.503 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



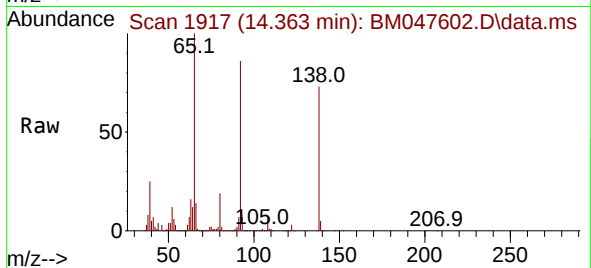
Tgt Ion:154 Resp: 1854948
Ion Ratio Lower Upper
154 100
153 115.2 92.8 139.2
152 57.0 45.7 68.5





#53
3-Nitroaniline
Concen: 30.081 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

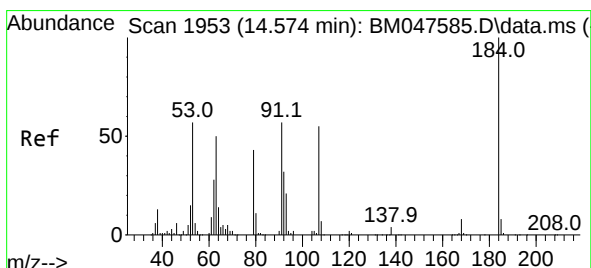
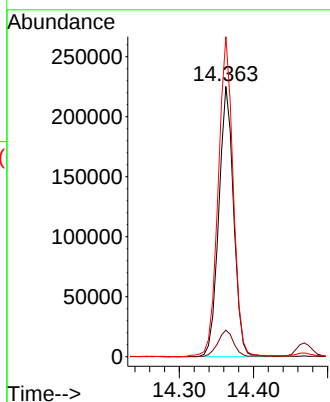
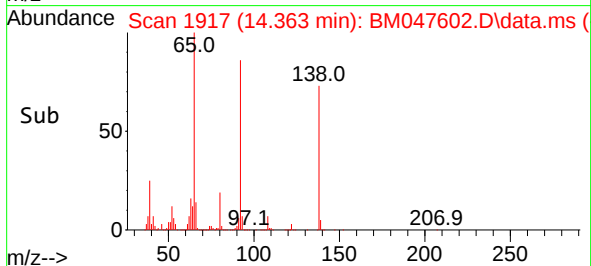
Instrument :
BNA_M
ClientSampleId :
S1-6MS



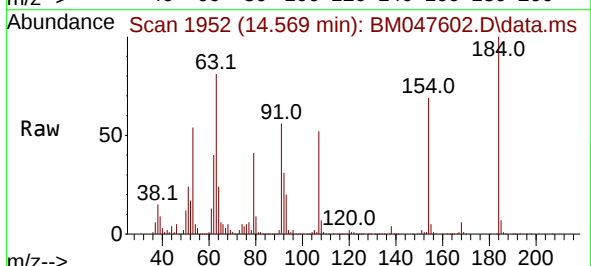
Tgt Ion:138 Resp: 312900
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 118.4 97.0 145.6

Manual Integrations
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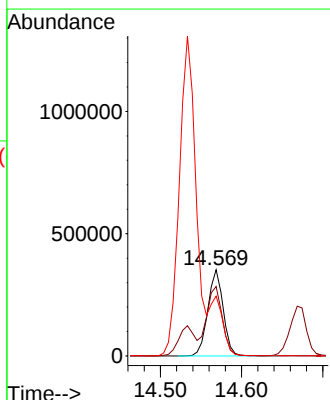
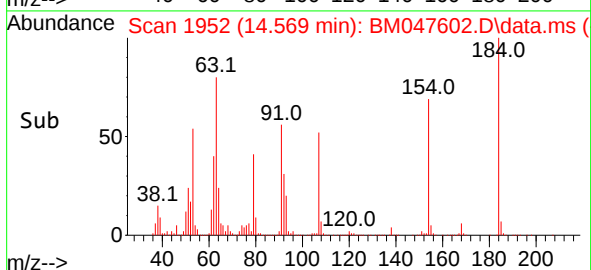
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

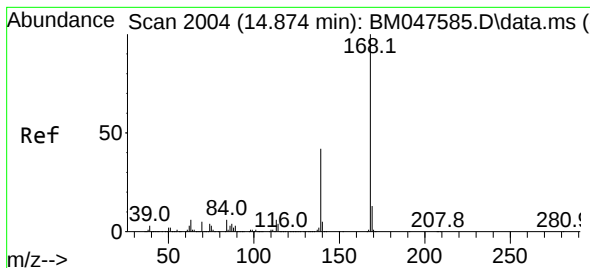


#54
2,4-Dinitrophenol
Concen: 112.302 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



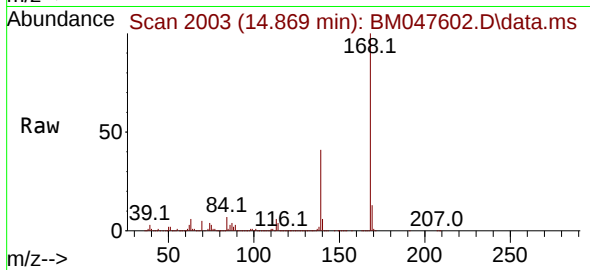
Tgt Ion:184 Resp: 461715
Ion Ratio Lower Upper
184 100
63 80.5 69.0 103.6
154 69.4 59.7 89.5





#55
Dibenzenofuran
Concen: 49.997 ng
RT: 14.869 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

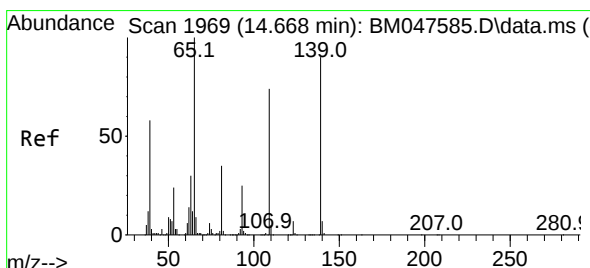
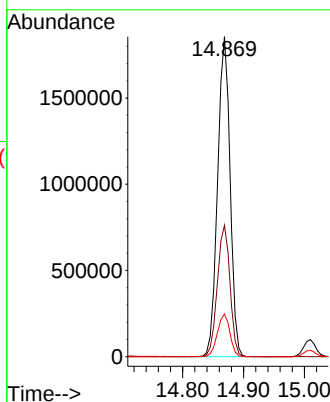
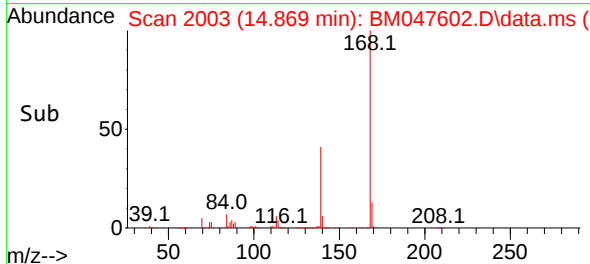
Instrument :
BNA_M
ClientSampleId :
S1-6MS



Tgt Ion:168 Resp: 263145
Ion Ratio Lower Upper
168 100
139 41.1 33.4 50.2
169 13.3 10.4 15.6

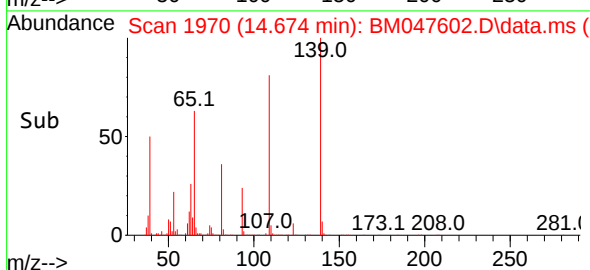
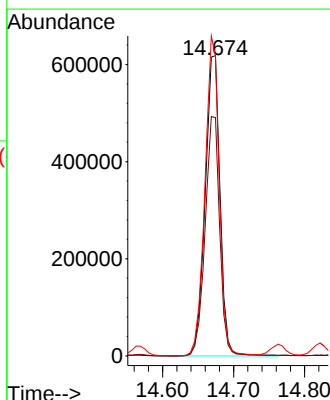
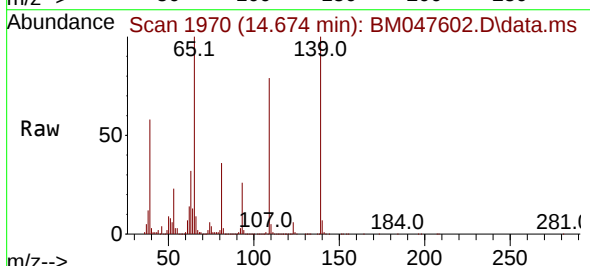
Manual Integrations
APPROVED

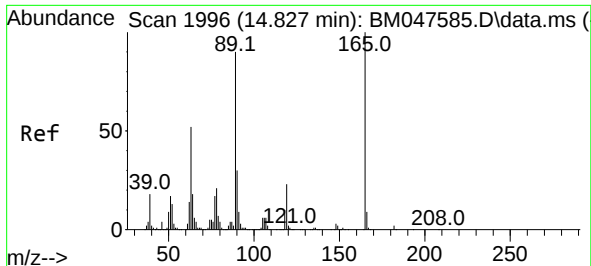
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#56
4-Nitrophenol
Concen: 101.047 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

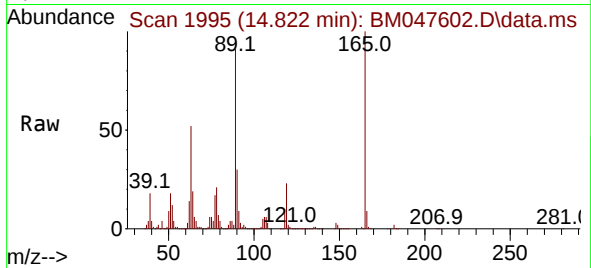
Tgt Ion:139 Resp: 900651
Ion Ratio Lower Upper
139 100
109 79.4 63.1 103.1
65 99.8 91.8 131.8





#57
2,4-Dinitrotoluene
Concen: 47.901 ng
RT: 14.822 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

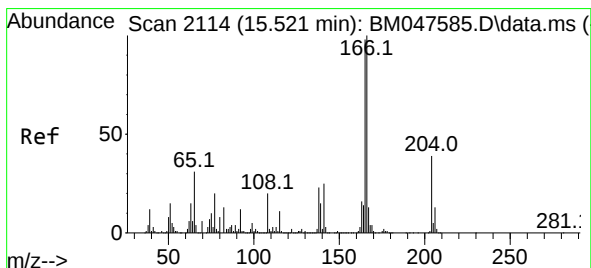
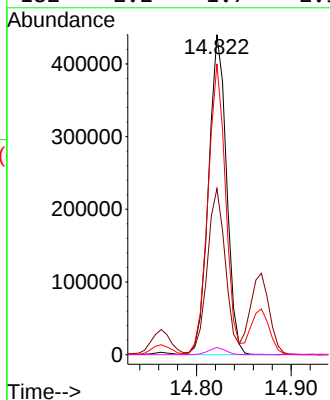
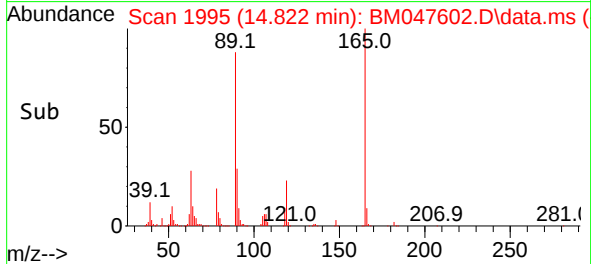
Instrument :
BNA_M
ClientSampleId :
S1-6MS



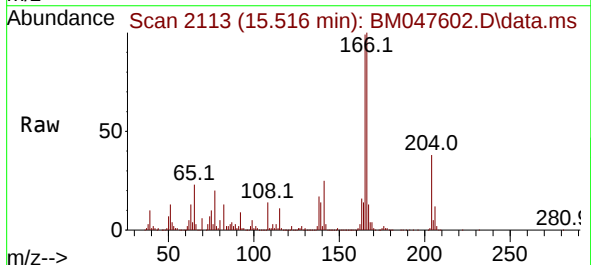
Tgt Ion:165 Resp: 578870
Ion Ratio Lower Upper
165 100
63 51.9 41.6 62.4
89 90.9 71.7 107.5
182 2.2 1.7 2.5

Manual Integrations
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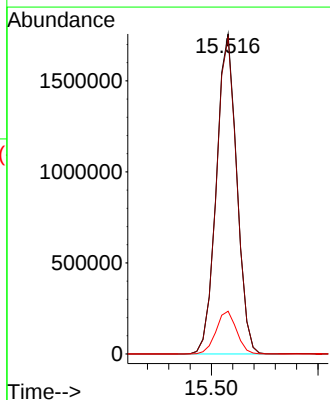
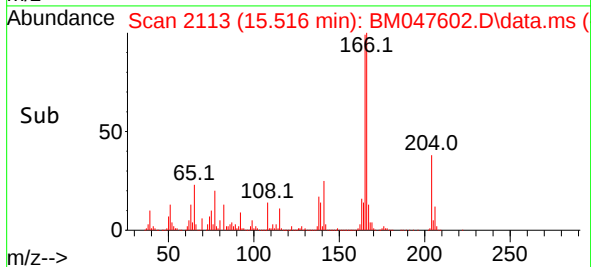
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

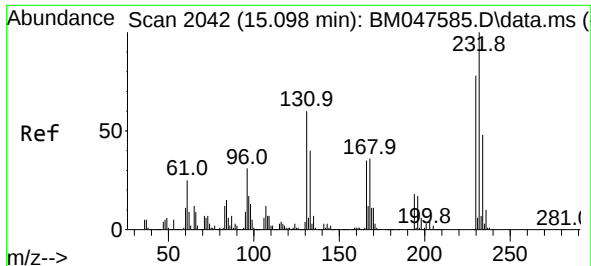


#58
Fluorene
Concen: 50.067 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



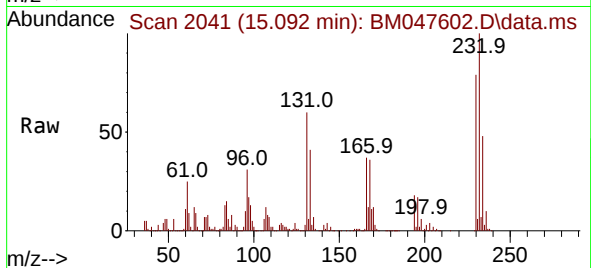
Tgt Ion:166 Resp: 2332244
Ion Ratio Lower Upper
166 100
165 99.0 78.4 117.6
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.138 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

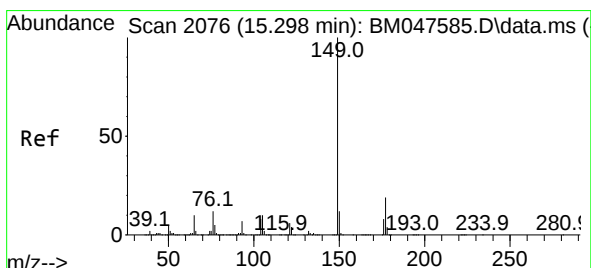
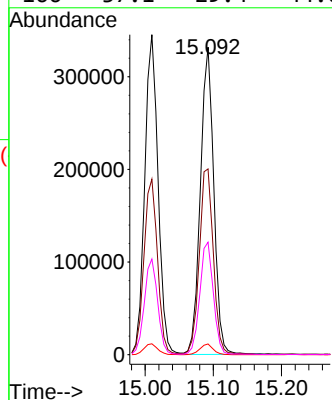
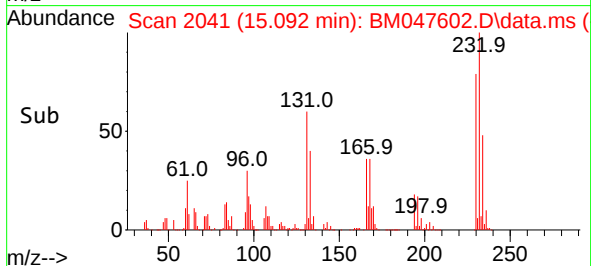
Instrument :
BNA_M
ClientSampleId :
S1-6MS



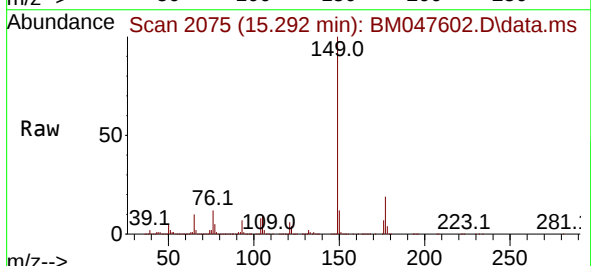
Tgt Ion:232 Resp: 453968
Ion Ratio Lower Upper
232 100
131 62.9 50.3 75.5
130 3.4 3.0 4.4
166 37.1 29.4 44.0

Manual Integrations
APPROVED

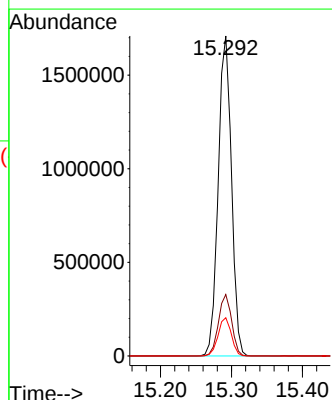
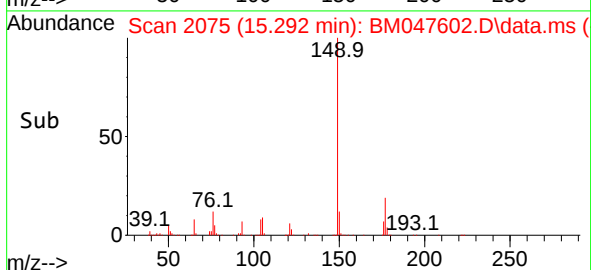
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

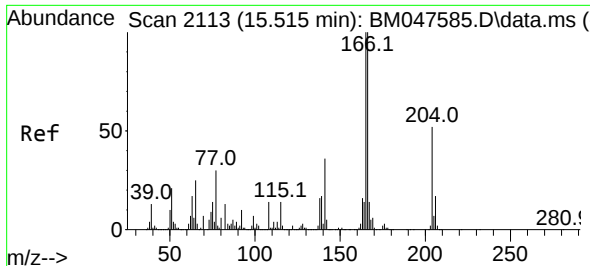


#60
Diethylphthalate
Concen: 47.691 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



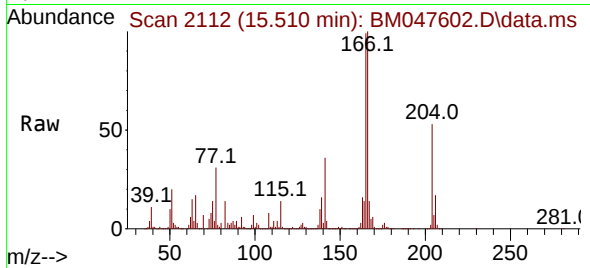
Tgt Ion:149 Resp: 2200894
Ion Ratio Lower Upper
149 100
177 19.2 15.4 23.0
150 12.0 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 50.105 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

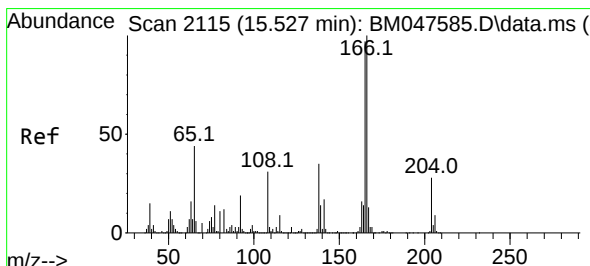
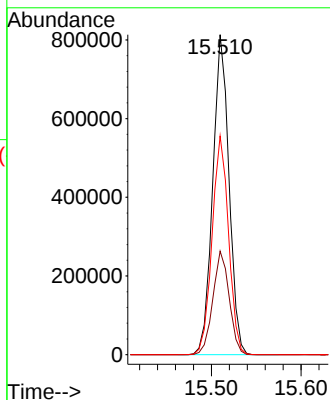
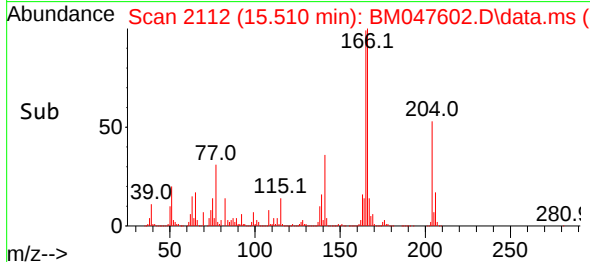
Instrument :
BNA_M
ClientSampleId :
S1-6MS



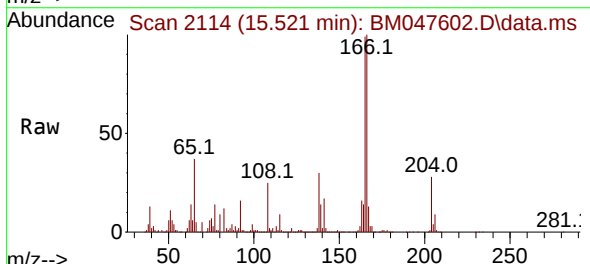
Tgt Ion:204 Resp: 1019829
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 68.4 55.3 82.9

Manual Integrations
APPROVED

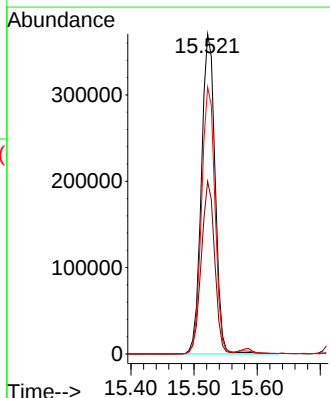
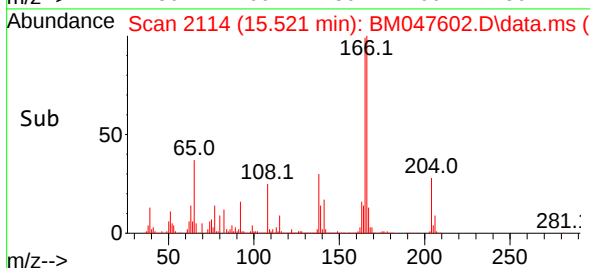
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

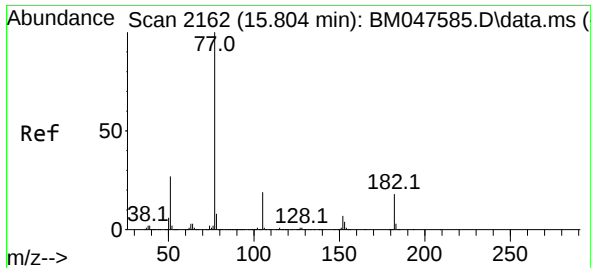


#62
4-Nitroaniline
Concen: 47.569 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



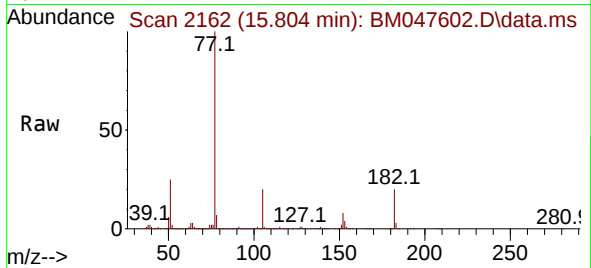
Tgt Ion:138 Resp: 557513
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 83.4 66.2 106.2





#63
Azobenzene
Concen: 53.332 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

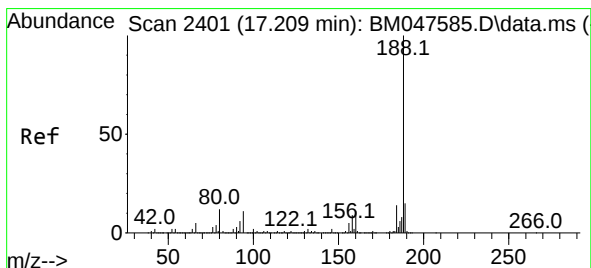
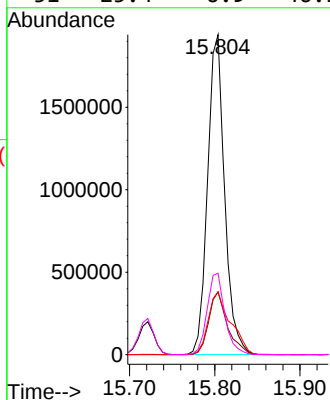
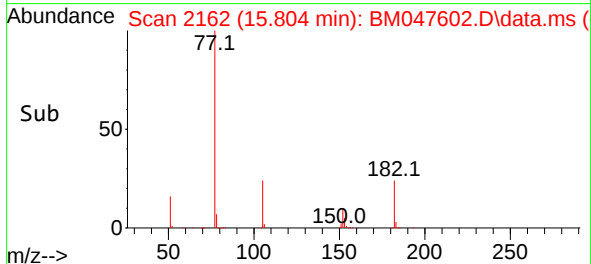
Instrument :
BNA_M
ClientSampleId :
S1-6MS



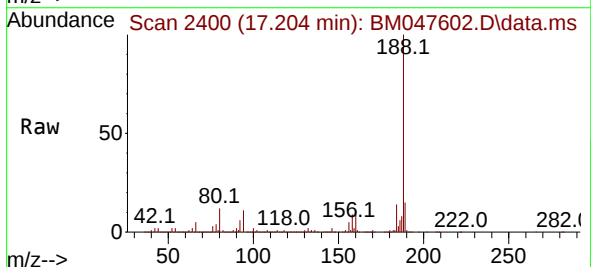
Tgt Ion: 77 Resp: 2690714
Ion Ratio Lower Upper
77 100
182 19.6 0.0 38.2
105 19.7 0.0 38.8
51 25.4 6.9 46.9

Manual Integrations
APPROVED

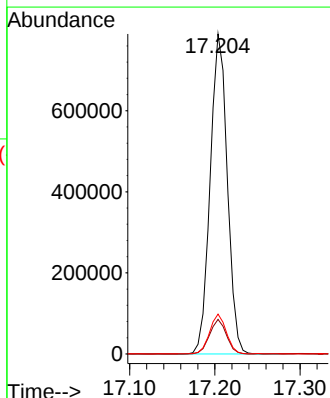
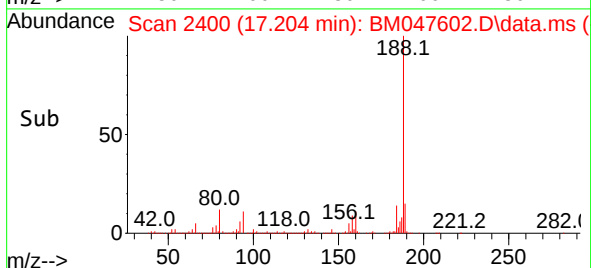
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

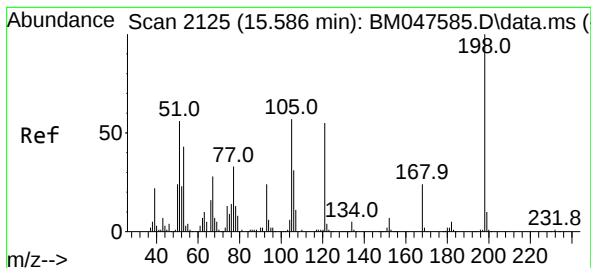


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



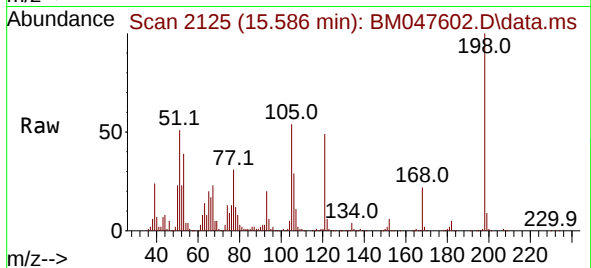
Tgt Ion:188 Resp: 1105561
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 12.5 9.9 14.9





#65
4,6-Dinitro-2-methylphenol
Concen: 50.563 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

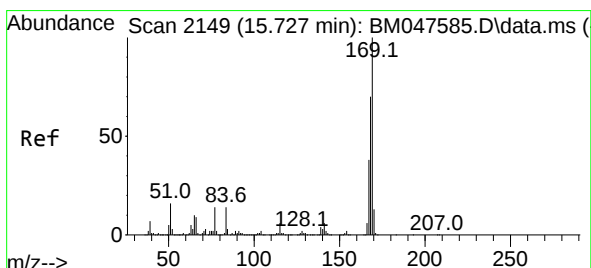
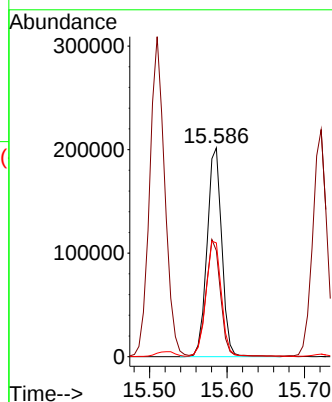
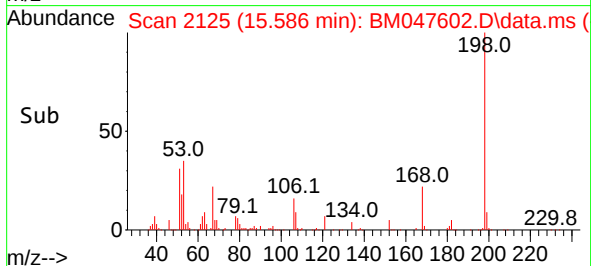
Instrument :
BNA_M
ClientSampleId :
S1-6MS



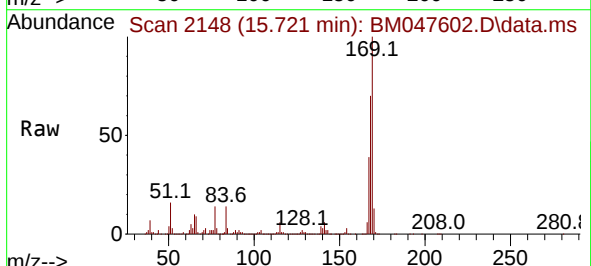
Tgt Ion:198 Resp: 264879
Ion Ratio Lower Upper
198 100
51 50.8 38.2 78.2
105 54.5 38.0 78.0

Manual Integrations
APPROVED

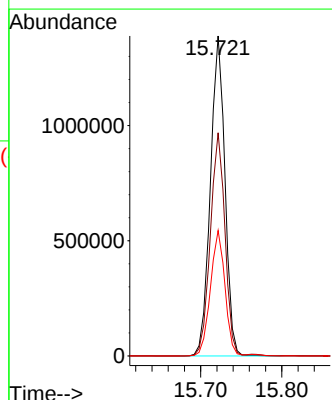
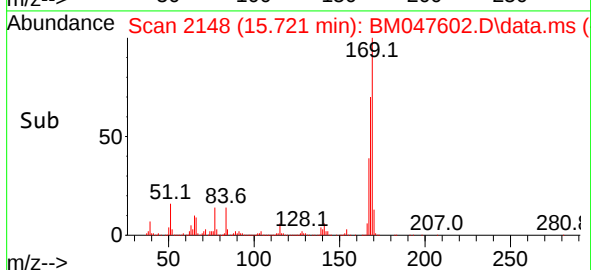
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

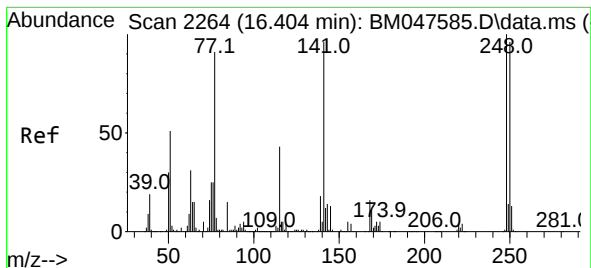


#66
n-Nitrosodiphenylamine
Concen: 52.172 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



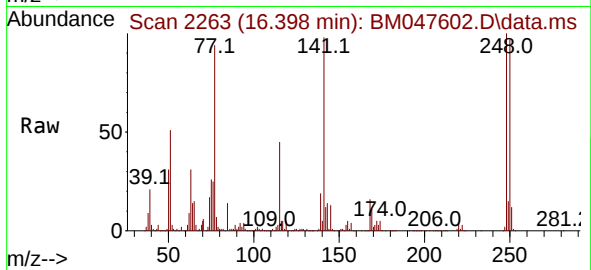
Tgt Ion:169 Resp: 1722732
Ion Ratio Lower Upper
169 100
168 69.8 55.8 83.8
167 39.2 30.7 46.1





#67
4-Bromophenyl-phenylether
Concen: 50.715 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

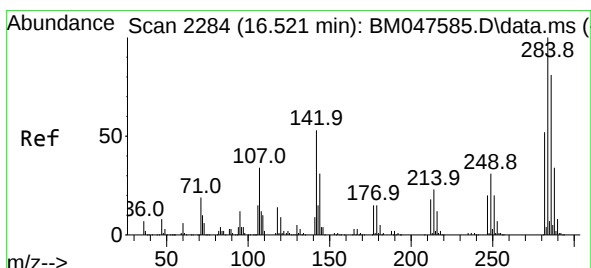
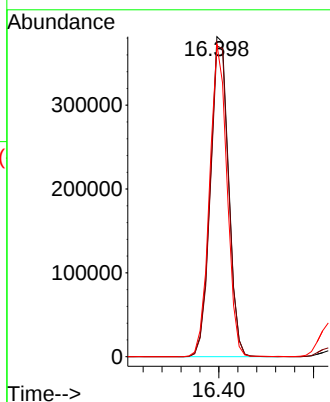
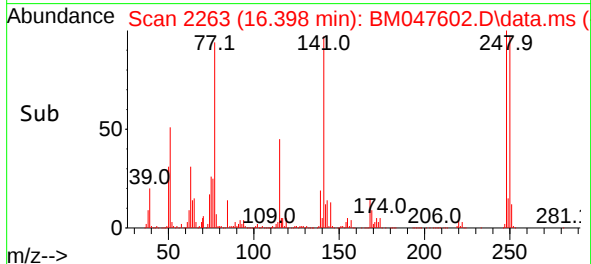
Instrument :
BNA_M
ClientSampleId :
S1-6MS



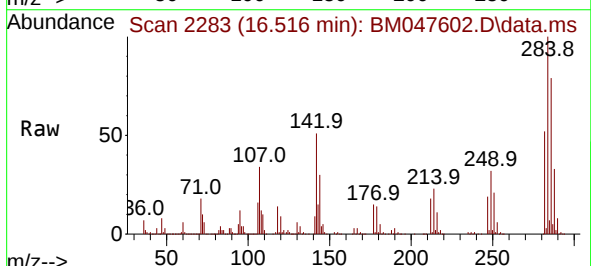
Tgt Ion:248 Resp: 509330
Ion Ratio Lower Upper
248 100
250 97.2 76.7 115.1
141 97.7 76.7 115.1

Manual Integrations
APPROVED

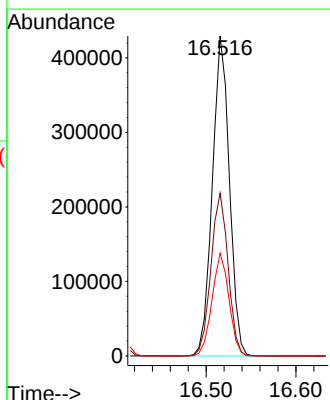
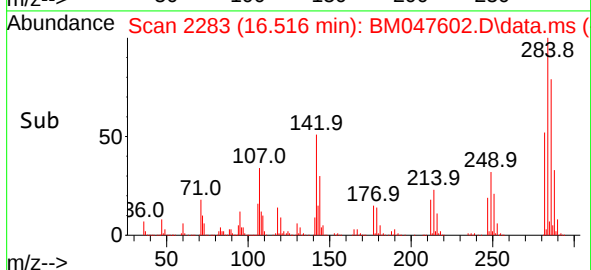
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

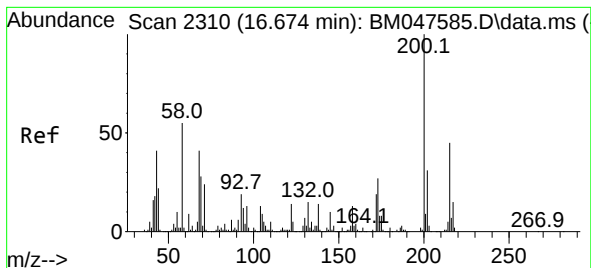


#68
Hexachlorobenzene
Concen: 48.182 ng
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



Tgt Ion:284 Resp: 565694
Ion Ratio Lower Upper
284 100
142 50.9 42.5 63.7
249 32.1 25.0 37.6





#69

Atrazine

Concen: 63.885 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:200 Resp: 507840

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

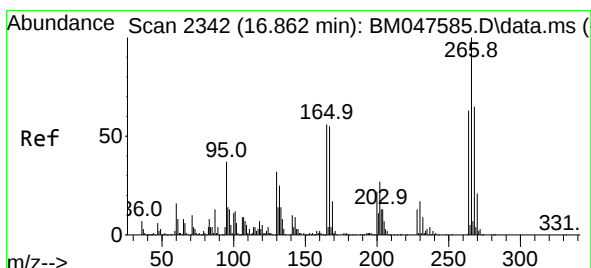
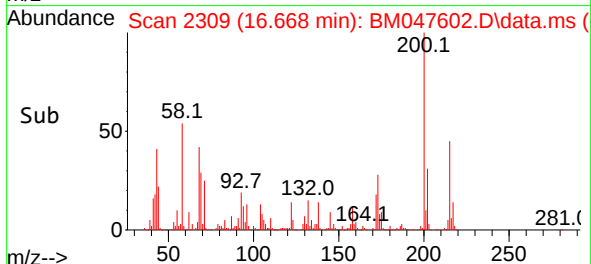
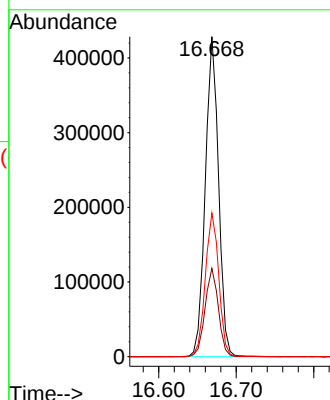
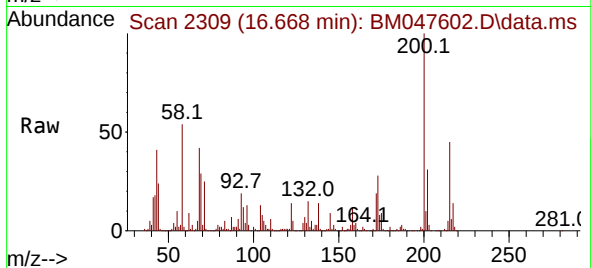
215 44.9 24.5 64.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#70

Pentachlorophenol

Concen: 104.153 ng

RT: 16.857 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

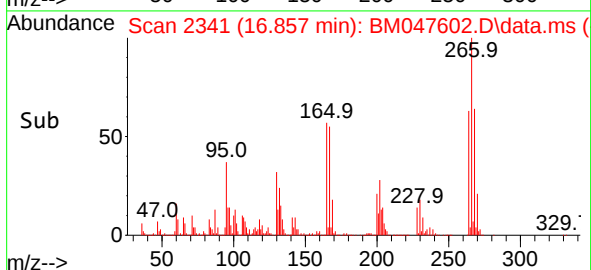
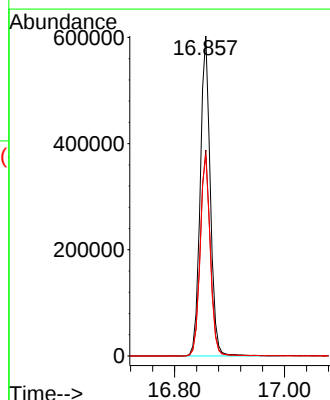
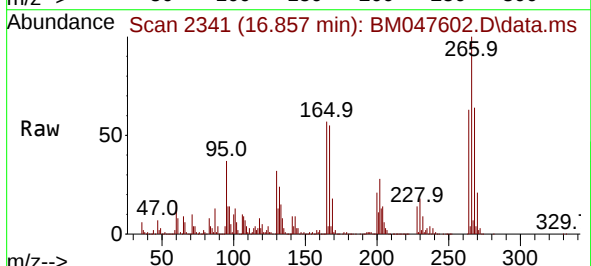
Tgt Ion:266 Resp: 767500

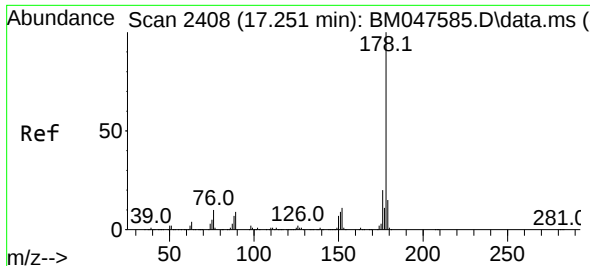
Ion Ratio Lower Upper

266 100

268 64.4 52.2 78.4

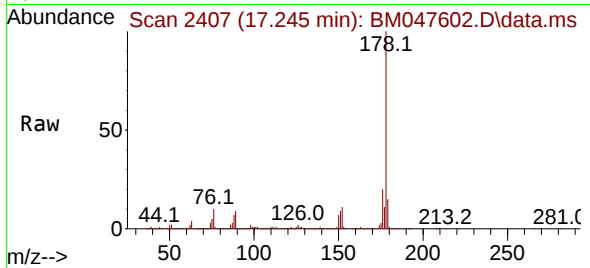
264 62.8 50.0 75.0





#71
Phenanthrene
Concen: 51.066 ng
RT: 17.245 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

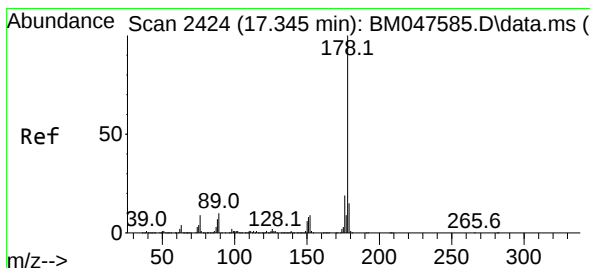
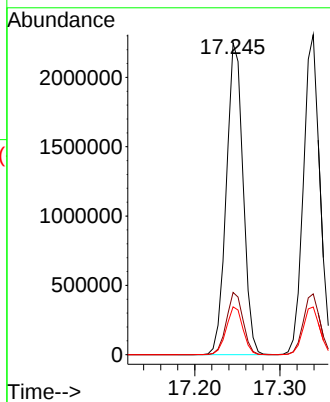
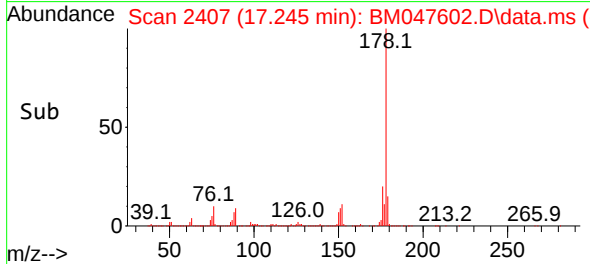
Instrument :
BNA_M
ClientSampleId :
S1-6MS



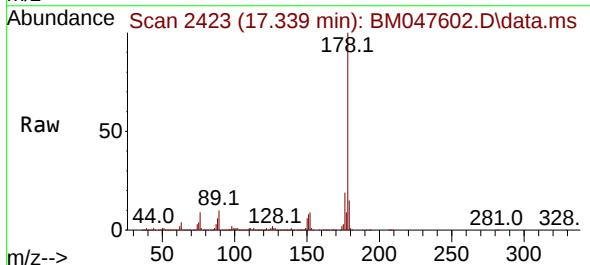
Tgt Ion:178 Resp: 3064539
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.3 12.2 18.2

Manual Integrations
APPROVED

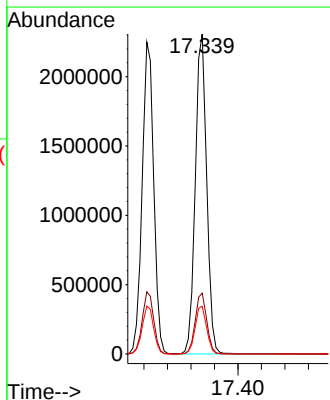
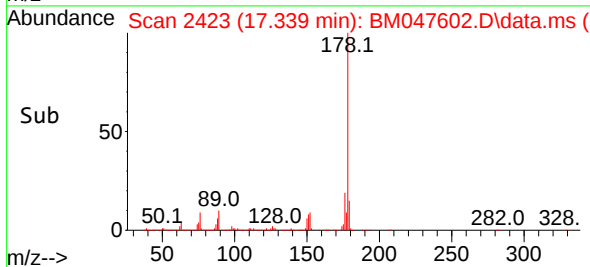
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

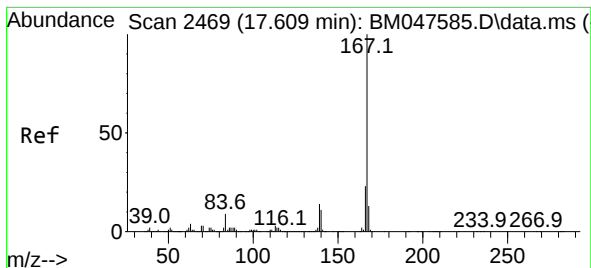


#72
Anthracene
Concen: 54.407 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



Tgt Ion:178 Resp: 3093471
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 14.9 12.2 18.2





#73

Carbazole

Concen: 47.700 ng

RT: 17.604 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:167 Resp: 282604

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

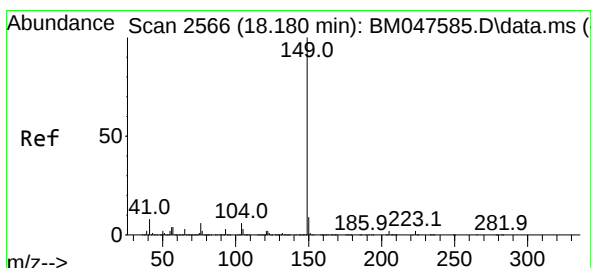
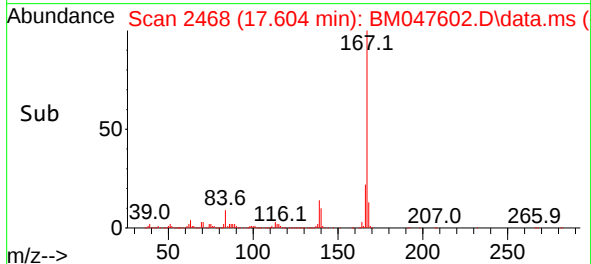
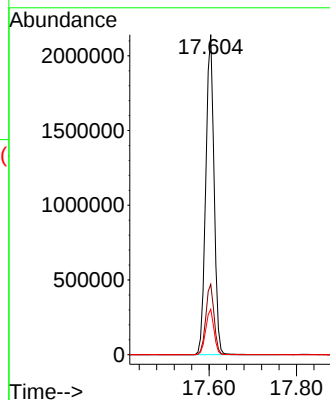
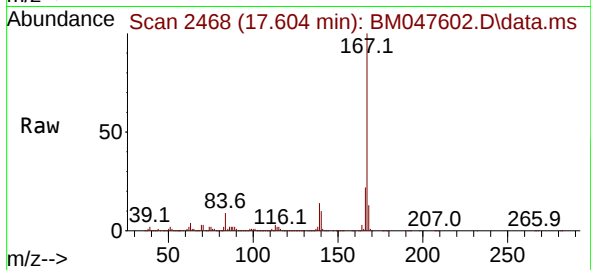
139 14.2 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#74

Di-n-butylphthalate

Concen: 52.883 ng

RT: 18.174 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

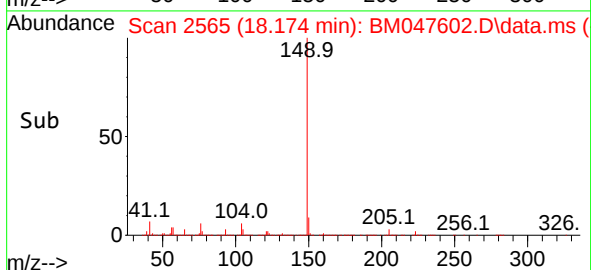
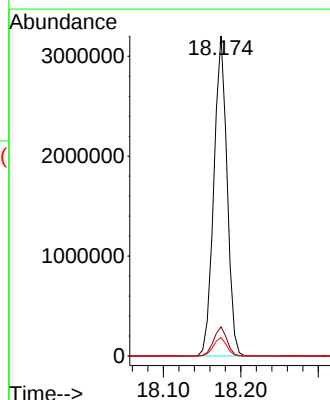
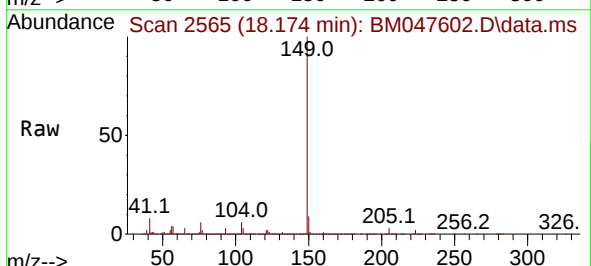
Tgt Ion:149 Resp: 3789589

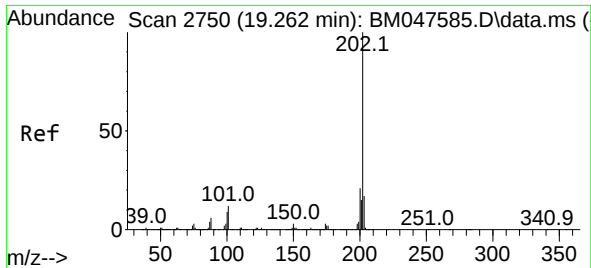
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

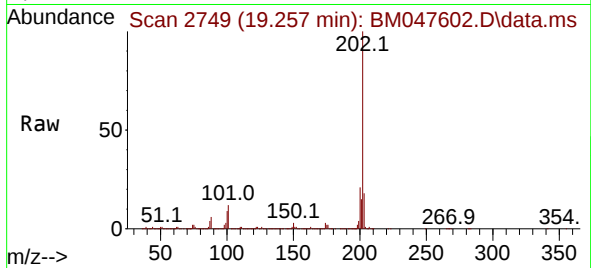
104 5.7 4.7 7.1





#75
Fluoranthene
Concen: 47.990 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

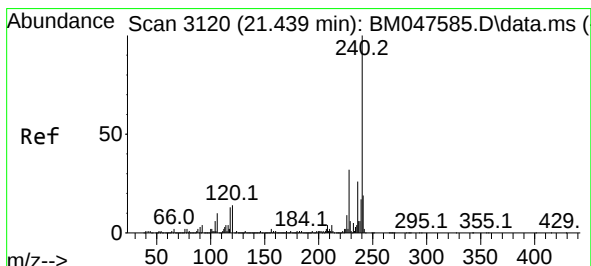
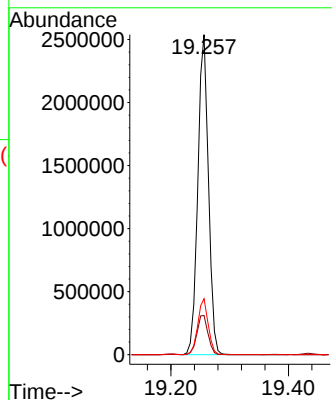
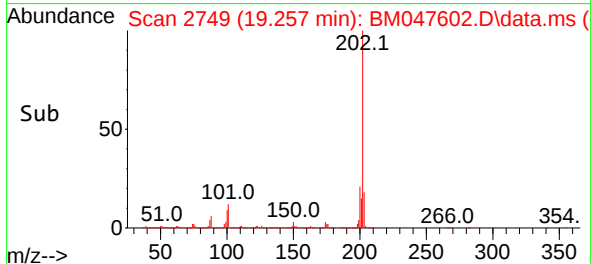
Instrument :
BNA_M
ClientSampleId :
S1-6MS



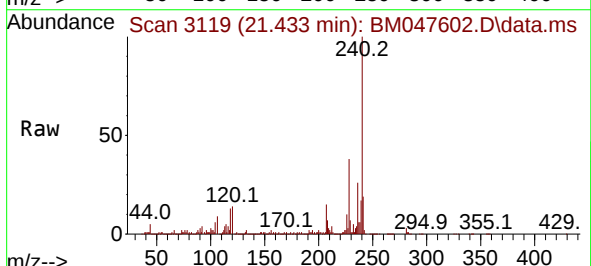
Tgt Ion:202 Resp: 3170210
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.2
203 17.5 0.0 37.4

Manual Integrations
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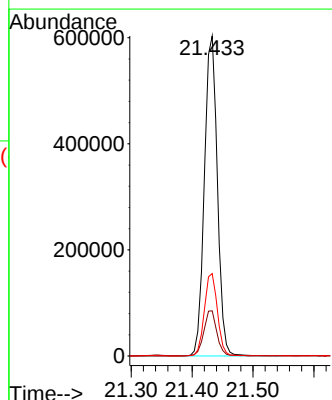
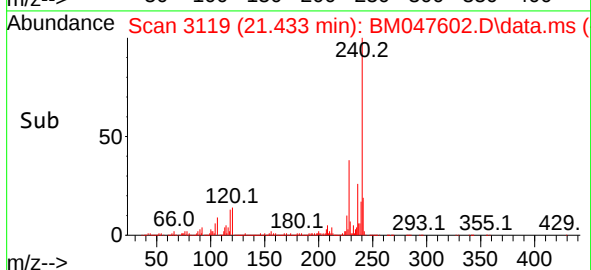
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

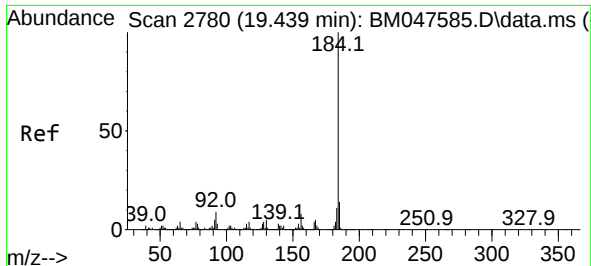


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46



Tgt Ion:240 Resp: 894442
Ion Ratio Lower Upper
240 100
120 14.1 10.8 16.2
236 25.8 20.8 31.2





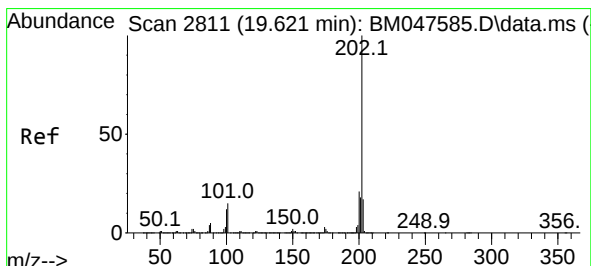
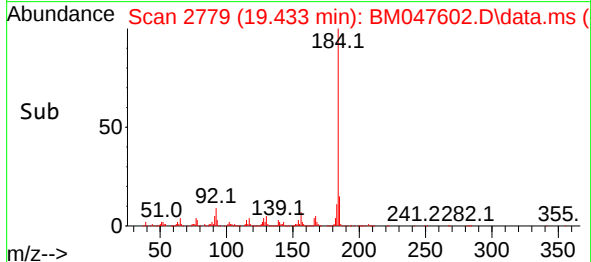
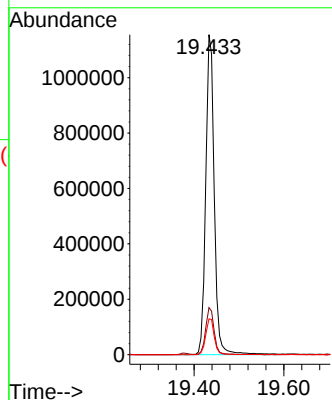
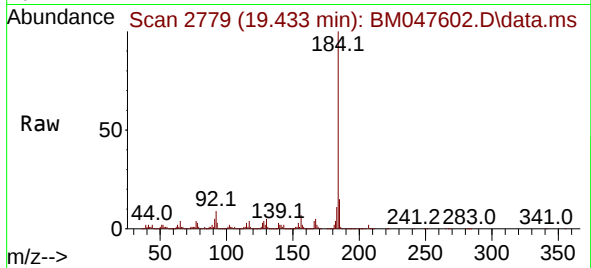
#77
Benzidine
Concen: 124.943 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Instrument :
BNA_M
ClientSampleId :
S1-6MS

Tgt Ion:184 Resp: 152192
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.2 8.7 13.1

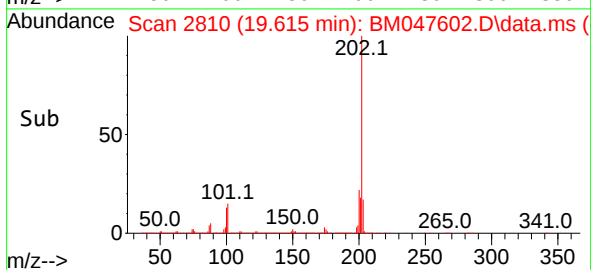
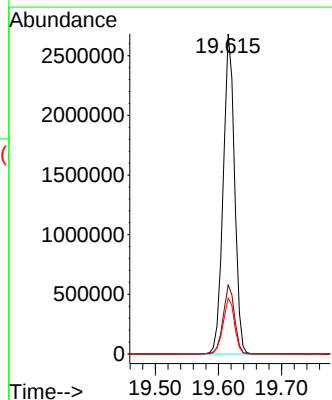
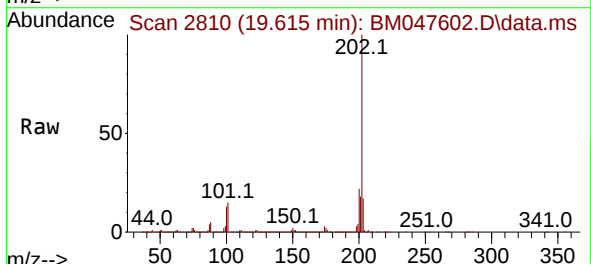
Manual Integrations
APPROVED

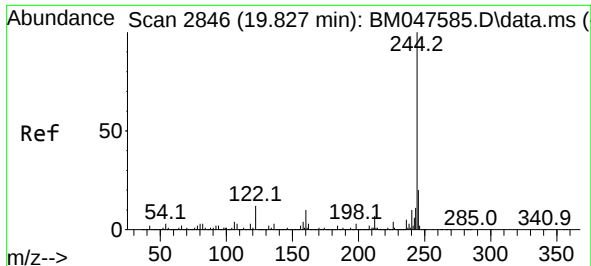
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#78
Pyrene
Concen: 53.430 ng
RT: 19.615 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM047602.D
Acq: 23 Sep 2024 13:46

Tgt Ion:202 Resp: 3344857
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.5 13.8 20.8





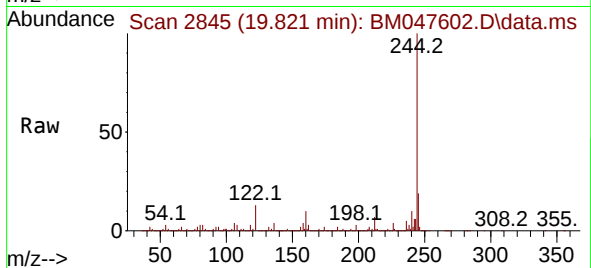
#79
 Terphenyl-d14
 Concen: 77.504 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047602.D
 Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

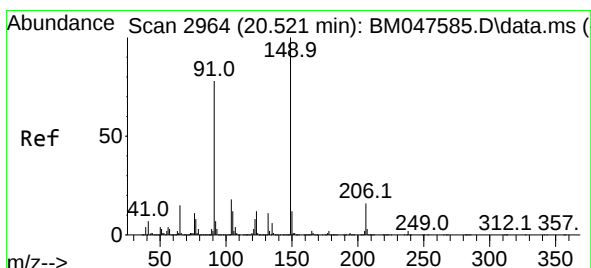
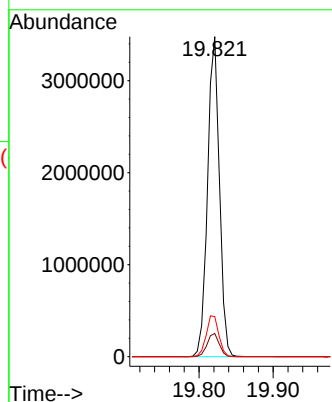
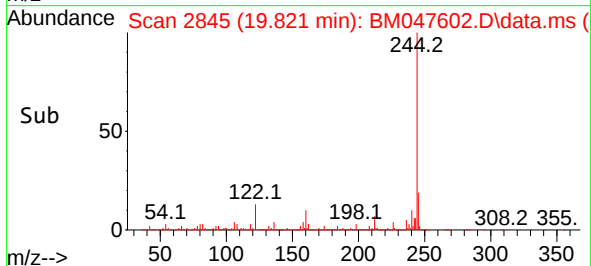


Tgt Ion:244 Resp: 3863554
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.6 10.0 15.0

Manual Integrations

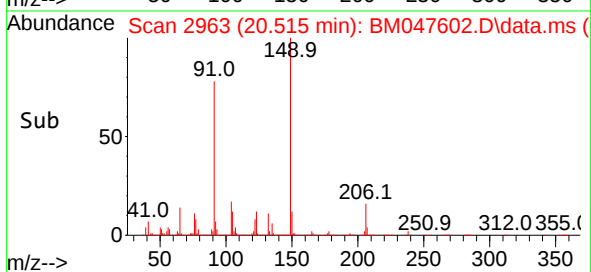
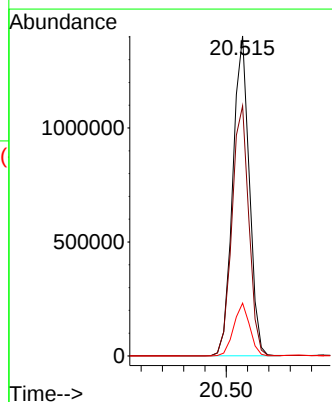
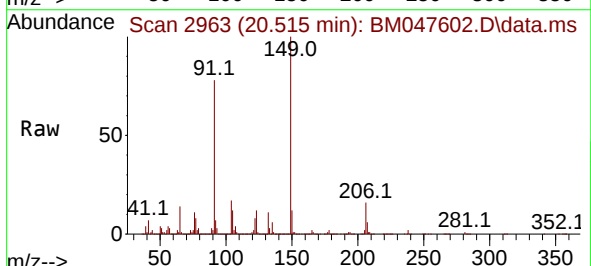
APPROVED

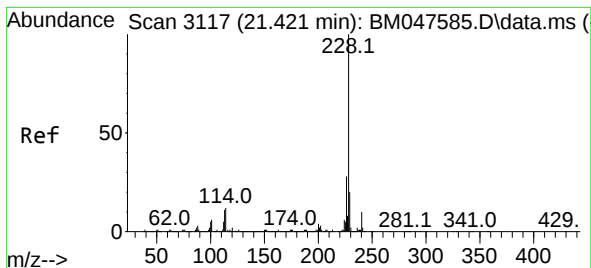
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#80
 Butylbenzylphthalate
 Concen: 55.440 ng
 RT: 20.515 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: BM047602.D
 Acq: 23 Sep 2024 13:46

Tgt Ion:149 Resp: 1510928
 Ion Ratio Lower Upper
 149 100
 91 78.2 62.3 93.5
 206 16.5 13.0 19.6





#81

Benzo(a)anthracene

Concen: 50.408 ng

RT: 21.415 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:228 Resp: 2964619

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

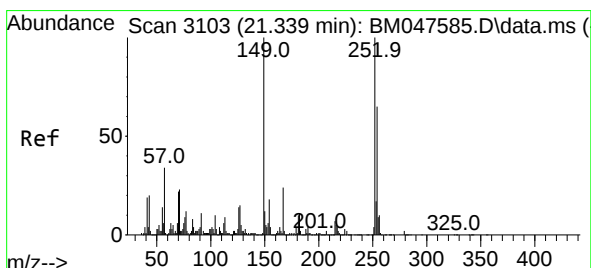
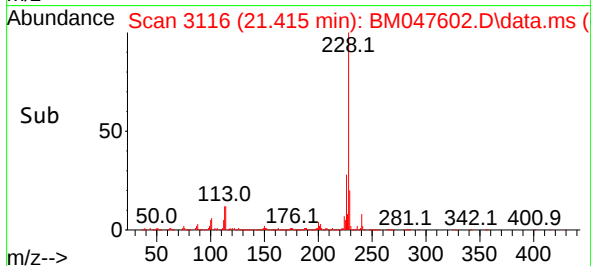
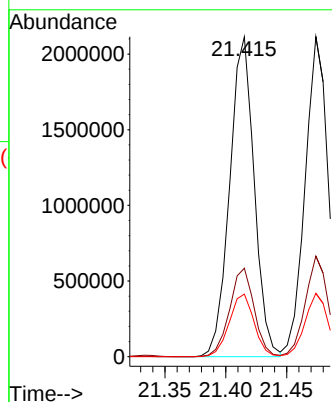
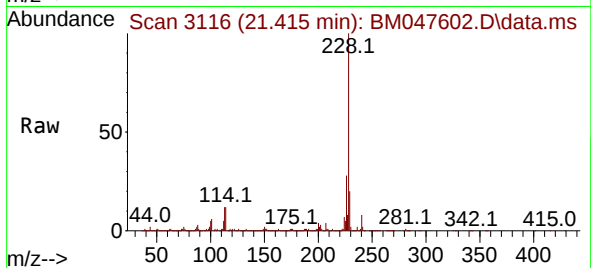
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.949 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

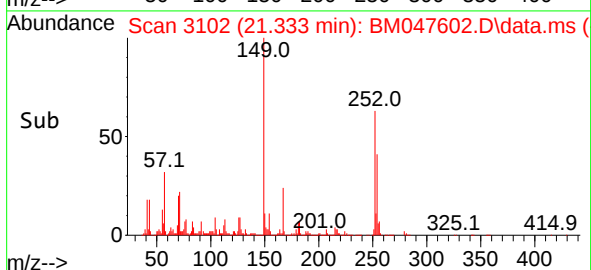
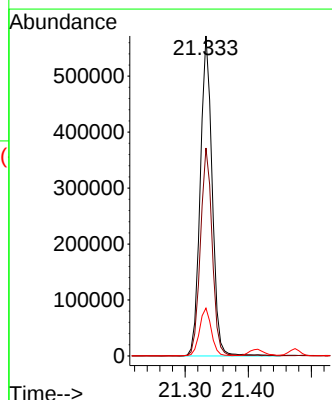
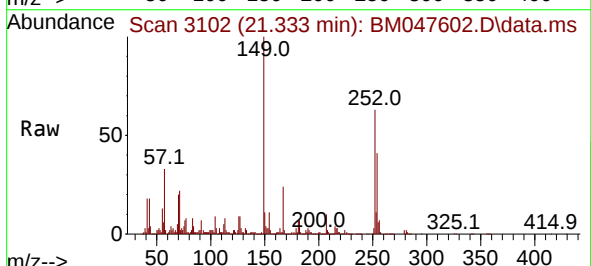
Tgt Ion:252 Resp: 747908

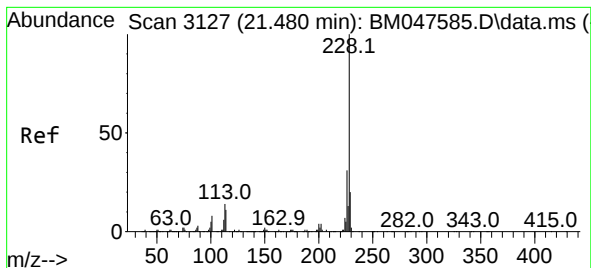
Ion Ratio Lower Upper

252 100

254 65.0 52.3 78.5

126 15.0 11.4 17.0





#83

Chrysene

Concen: 50.278 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:228 Resp: 2812080

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

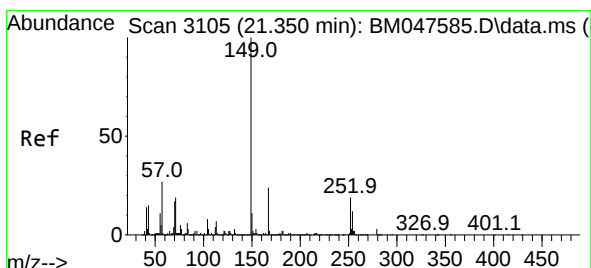
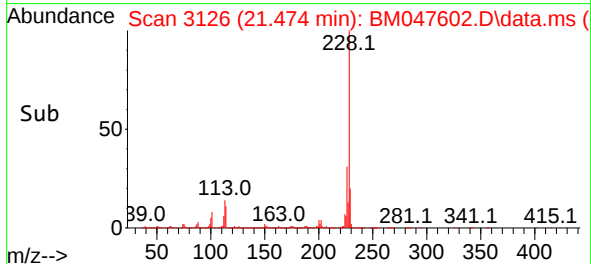
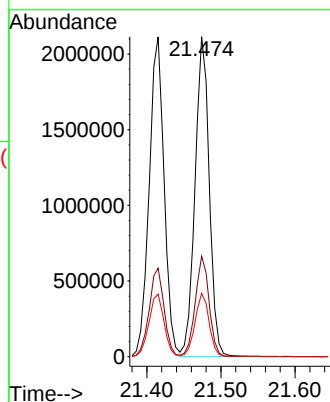
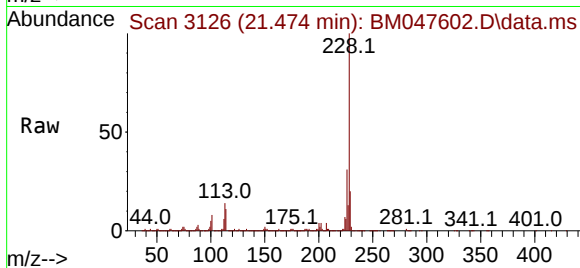
229 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.515 ng

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

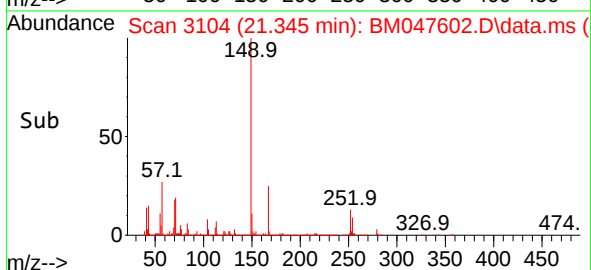
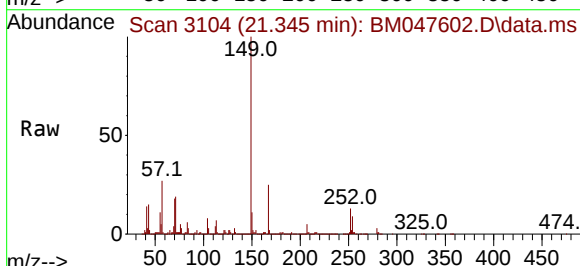
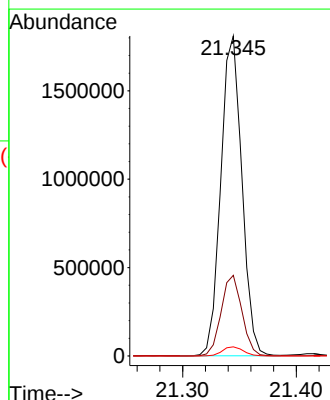
Tgt Ion:149 Resp: 2332788

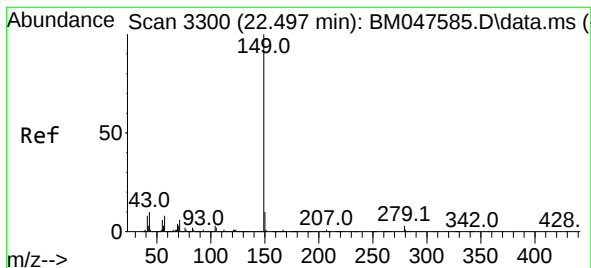
Ion Ratio Lower Upper

149 100

167 25.2 19.5 29.3

279 2.9 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 53.786 ng

RT: 22.486 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047602.D

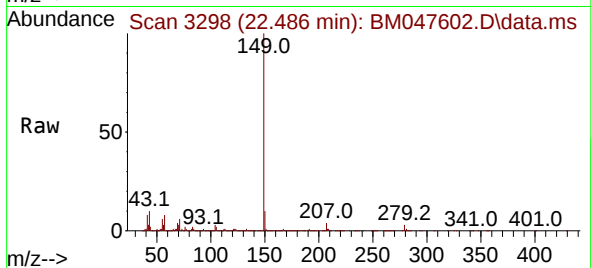
Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS



Tgt Ion:149 Resp: 361799

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

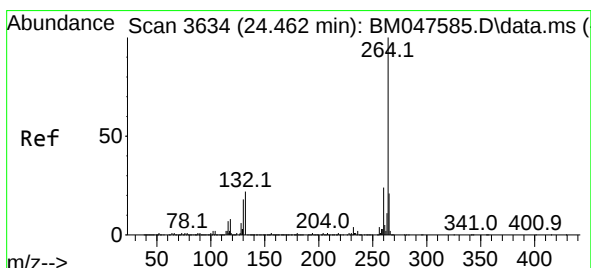
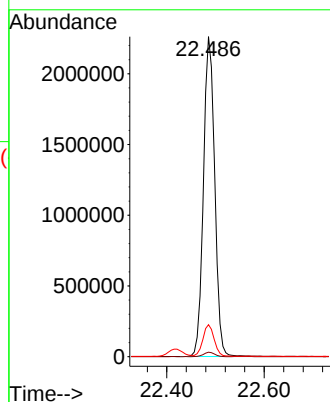
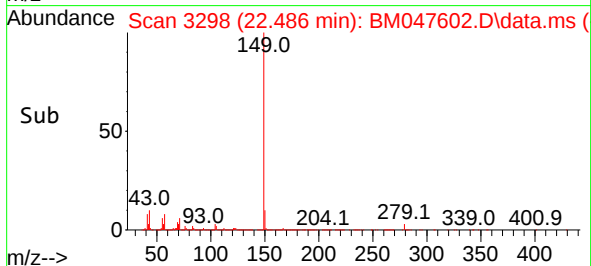
43 9.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3633

Delta R.T. -0.006 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

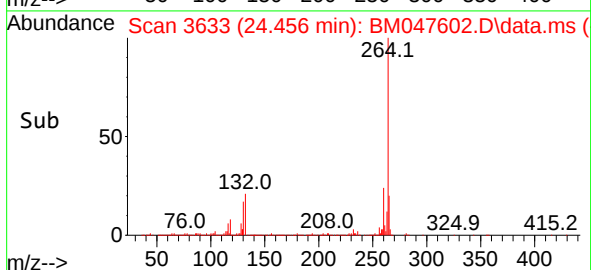
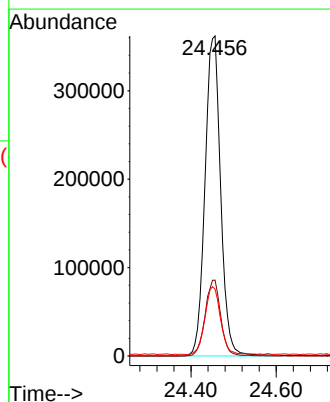
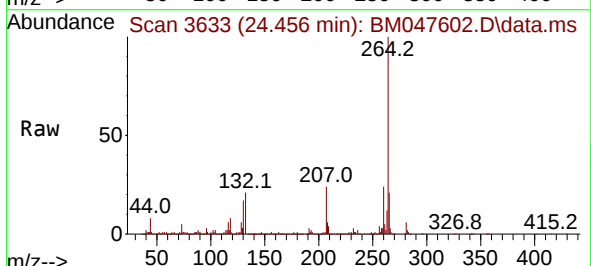
Tgt Ion:264 Resp: 921122

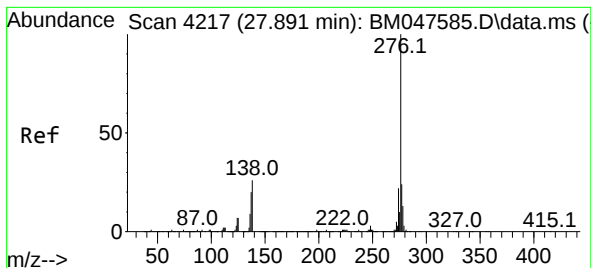
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.799 ng

RT: 27.874 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:276 Resp: 353430

Ion Ratio Lower Upper

276 100

138 32.9 18.1 27.1

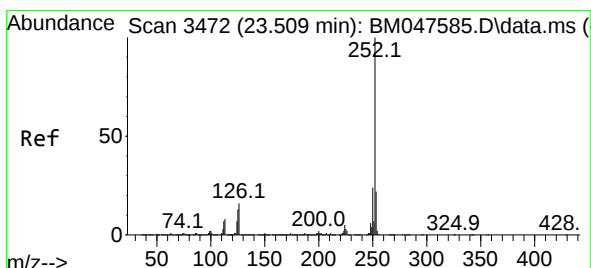
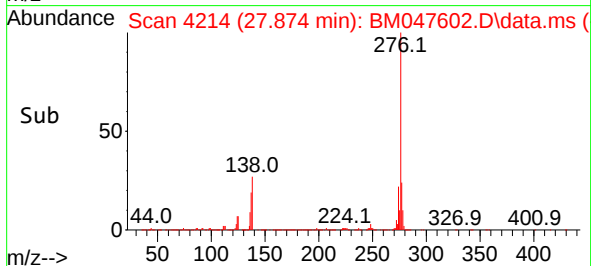
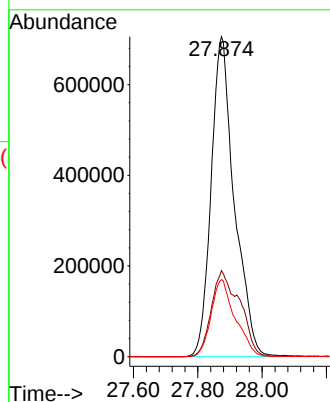
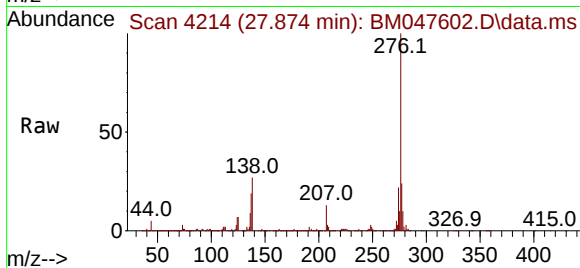
277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#88

Benzo(b)fluoranthene

Concen: 47.360 ng

RT: 23.497 min Scan# 3470

Delta R.T. -0.012 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

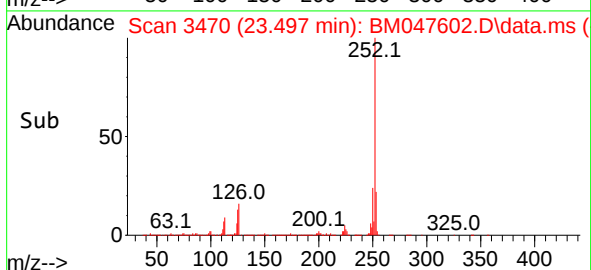
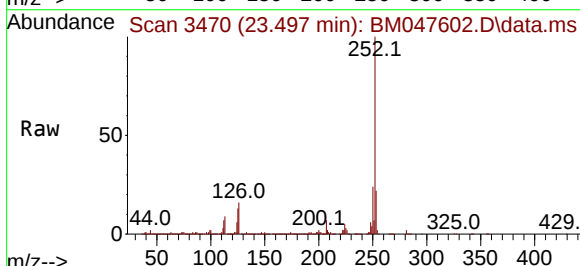
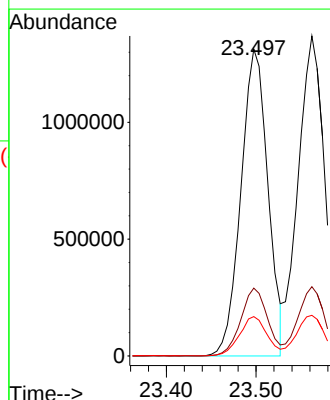
Tgt Ion:252 Resp: 2741801

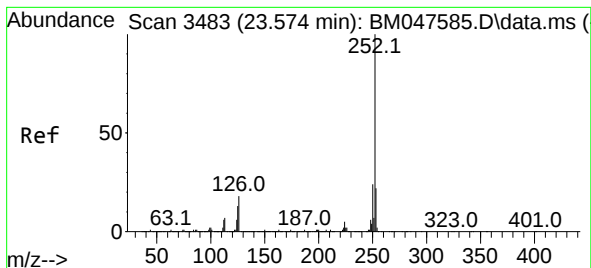
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 12.8 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 49.900 ng

RT: 23.562 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:252 Resp: 283585

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

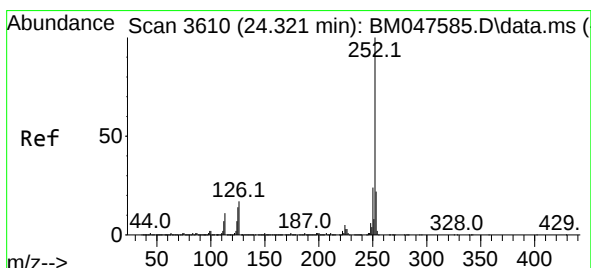
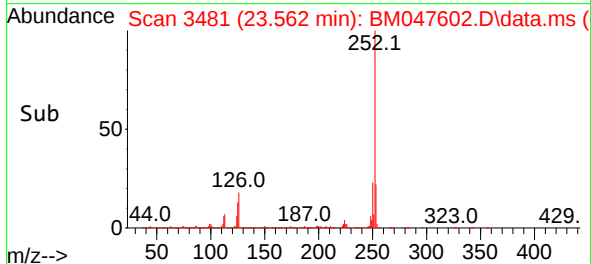
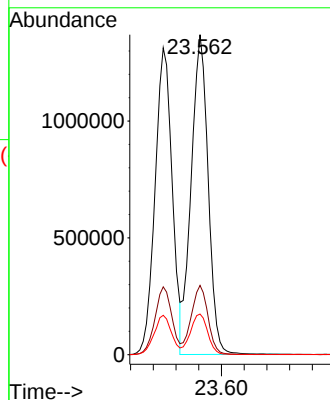
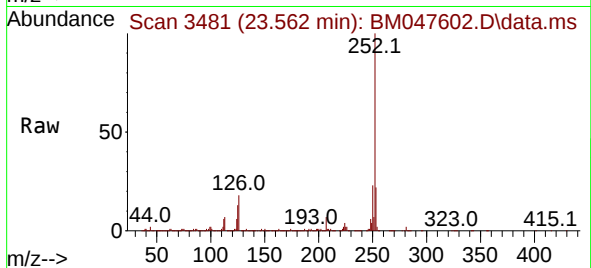
125 12.7 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#90

Benzo(a)pyrene

Concen: 53.318 ng

RT: 24.309 min Scan# 3608

Delta R.T. -0.012 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

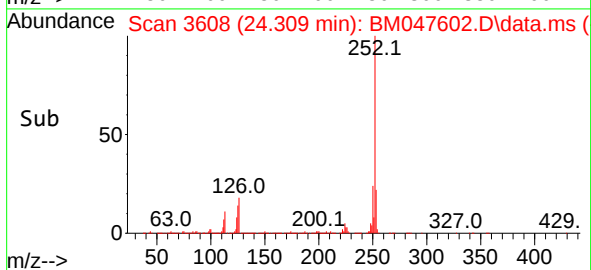
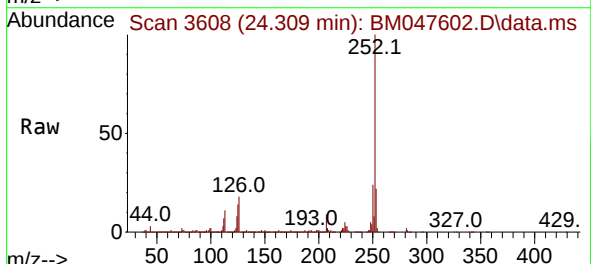
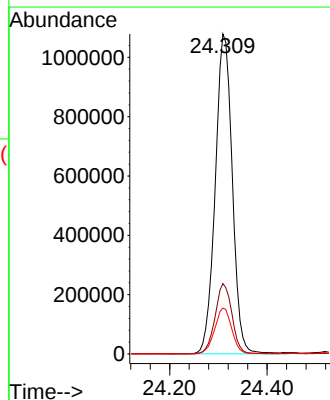
Tgt Ion:252 Resp: 2617040

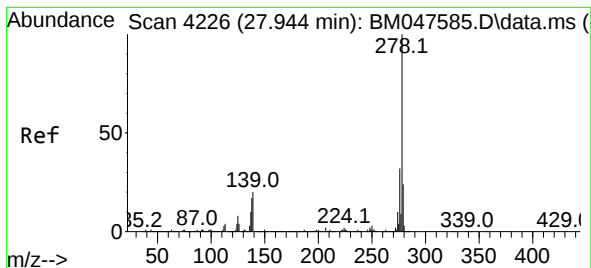
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 14.4 11.5 17.3





#91

Dibenzo(a,h)anthracene

Concen: 54.779 ng

RT: 27.932 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Instrument :

BNA_M

ClientSampleId :

S1-6MS

Tgt Ion:278 Resp: 289824

Ion Ratio Lower Upper

278 100

139 19.9 16.4 24.6

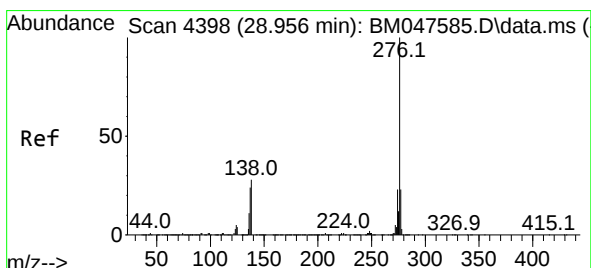
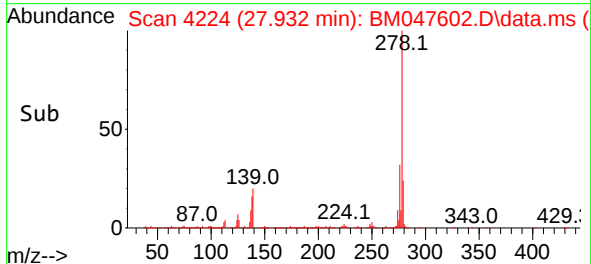
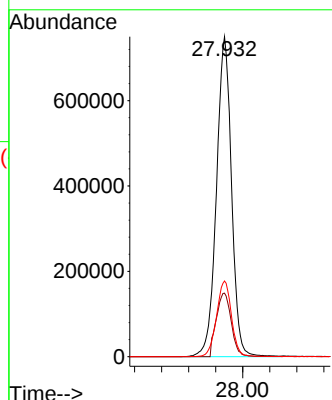
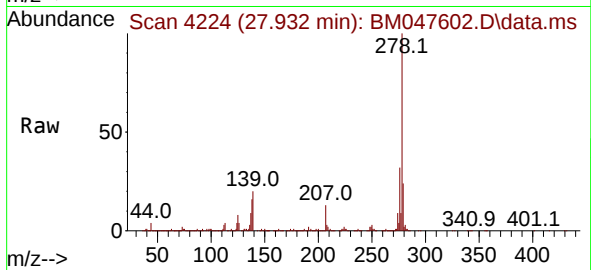
279 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#92

Benzo(g,h,i)perylene

Concen: 50.863 ng

RT: 28.938 min Scan# 4395

Delta R.T. -0.017 min

Lab File: BM047602.D

Acq: 23 Sep 2024 13:46

Tgt Ion:276 Resp: 2696974

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 27.8 22.3 33.5

