

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047560.D
 Acq On : 18 Sep 2024 17:46
 Operator : RC/JU
 Sample : P4085-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 19 03:17:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Sep 15 08:56:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	333300	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1322338	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	648308	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1085640	20.000	ng	0.00
76) Chrysene-d12	21.445	240	788877	20.000	ng	0.00
86) Perylene-d12	24.468	264	792231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2771184	132.383	ng	0.00
7) Phenol-d6	7.016	99	3575025	121.271	ng	0.00
23) Nitrobenzene-d5	9.004	82	2163312	81.874	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	708013	112.984	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	3693924	78.488	ng	0.00
79) Terphenyl-d14	19.833	244	3970417	90.188	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	397445	44.328	ng	98
3) Pyridine	3.722	79	1164802	43.644	ng	97
4) n-Nitrosodimethylamine	3.628	42	596473	49.258	ng	# 96
6) Aniline	7.175	93	1539653	58.910	ng	99
8) 2-Chlorophenol	7.416	128	1258275	54.526	ng	98
9) Benzaldehyde	6.987	77	224912	16.045	ng	99
10) Phenol	7.040	94	1660115	56.241	ng	99
11) bis(2-Chloroethyl)ether	7.275	93	1245444	52.556	ng	100
12) 1,3-Dichlorobenzene	7.745	146	1263562	50.025	ng	98
13) 1,4-Dichlorobenzene	7.887	146	1286485	50.006	ng	99
14) 1,2-Dichlorobenzene	8.204	146	1234219	48.748	ng	99
15) Benzyl Alcohol	8.087	79	1118857	56.031	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1745486	52.362	ng	99
17) 2-Methylphenol	8.293	107	1024173	54.313	ng	99
18) Hexachloroethane	8.940	117	527954	51.371	ng	97
19) n-Nitroso-di-n-propyla...	8.657	70	1000685	50.346	ng	96
20) 3+4-Methylphenols	8.616	107	1366830	51.948	ng	99
22) Acetophenone	8.669	105	1847087	53.131	ng	99
24) Nitrobenzene	9.045	77	1435193	52.860	ng	97
25) Isophorone	9.581	82	2487420	53.548	ng	100
26) 2-Nitrophenol	9.757	139	530557	57.345	ng	98
27) 2,4-Dimethylphenol	9.822	122	954067	68.026	ng	98
28) bis(2-Chloroethoxy)met...	10.057	93	1556021	53.328	ng	99
29) 2,4-Dichlorophenol	10.292	162	975192	54.729	ng	97
30) 1,2,4-Trichlorobenzene	10.510	180	985027	48.260	ng	99
31) Naphthalene	10.698	128	3643610	51.019	ng	100
32) Benzoic acid	9.945	122	638633	46.445	ng	99
33) 4-Chloroaniline	10.798	127	955508	37.005	ng	98
34) Hexachlorobutadiene	10.992	225	543301	48.058	ng	98
35) Caprolactam	11.569	113	283262m	48.265	ng	
36) 4-Chloro-3-methylphenol	11.922	107	1058517	51.837	ng	96
37) 2-Methylnaphthalene	12.310	142	2395750	50.403	ng	99
38) 1-Methylnaphthalene	12.528	142	2250131	47.636	ng	100
40) 1,2,4,5-Tetrachloroben...	12.680	216	1027061	58.546	ng	# 97
41) Hexachlorocyclopentadiene	12.669	237	1203091	209.783	ng	99
43) 2,4,6-Trichlorophenol	12.916	196	641856	58.401	ng	99

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 Supervised By :mohammad ahmed 09/20/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	696216	56.084	ng	97
46) 1,1'-Biphenyl	13.322	154	2833052	56.165	ng	100
47) 2-Chloronaphthalene	13.357	162	2136915	54.559	ng	98
48) 2-Nitroaniline	13.551	65	692530	60.199	ng	95
49) Acenaphthylene	14.204	152	3384886	59.888	ng	99
50) Dimethylphthalate	13.939	163	2364508	53.511	ng	99
51) 2,6-Dinitrotoluene	14.051	165	481891	51.660	ng	95
52) Acenaphthene	14.545	154	2391946	60.399	ng	99
53) 3-Nitroaniline	14.374	138	412355	39.771	ng	99
54) 2,4-Dinitrophenol	14.580	184	454463	84.516	ng	96
55) Dibenzofuran	14.880	168	3001864	53.942	ng	96
56) 4-Nitrophenol	14.680	139	1010667	118.458	ng	98
57) 2,4-Dinitrotoluene	14.833	165	638228	51.301	ng	94
58) Fluorene	15.527	166	2666295	53.216	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	510608m	52.757	ng	
60) Diethylphthalate	15.304	149	2469406	52.510	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1153754	50.362	ng	99
62) 4-Nitroaniline	15.533	138	609919	50.044	ng	98
63) Azobenzene	15.816	77	3093784	59.746	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	265684	48.040	ng	95
66) n-Nitrosodiphenylamine	15.733	169	2070606	62.345	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	589242	55.859	ng	99
68) Hexachlorobenzene	16.527	284	643026	53.808	ng	93
69) Atrazine	16.680	200	560368	61.046	ng	98
70) Pentachlorophenol	16.868	266	847026	122.273	ng	99
71) Phenanthrene	17.263	178	3464786	57.911	ng	100
72) Anthracene	17.351	178	3420962	59.514	ng	100
73) Carbazole	17.615	167	3146416	55.233	ng	99
74) Di-n-butylphthalate	18.186	149	3928425	57.636	ng	100
75) Fluoranthene	19.268	202	3358022	51.442	ng	98
77) Benzidine	19.445	184	1871200	168.420	ng	99
78) Pyrene	19.627	202	3544804	61.603	ng	100
80) Butylbenzylphthalate	20.527	149	1485979	67.083	ng	98
81) Benzo(a)anthracene	21.427	228	3037554	59.074	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	848154	62.008	ng	99
83) Chrysene	21.486	228	2868177	58.973	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	2255564	65.000	ng	99
85) Di-n-octyl phthalate	22.503	149	3499358	71.293	ng	99
87) Indeno(1,2,3-cd)pyrene	27.909	276	3555826	75.000	ng	99
88) Benzo(b)fluoranthene	23.521	252	2808912	54.799	ng	98
89) Benzo(k)fluoranthene	23.580	252	2823086	55.572	ng	98
90) Benzo(a)pyrene	24.333	252	2648114	63.032	ng	98
91) Dibenzo(a,h)anthracene	27.962	278	2912105	73.006	ng	99
92) Benzo(g,h,i)perylene	28.979	276	2692457	69.099	ng	99

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

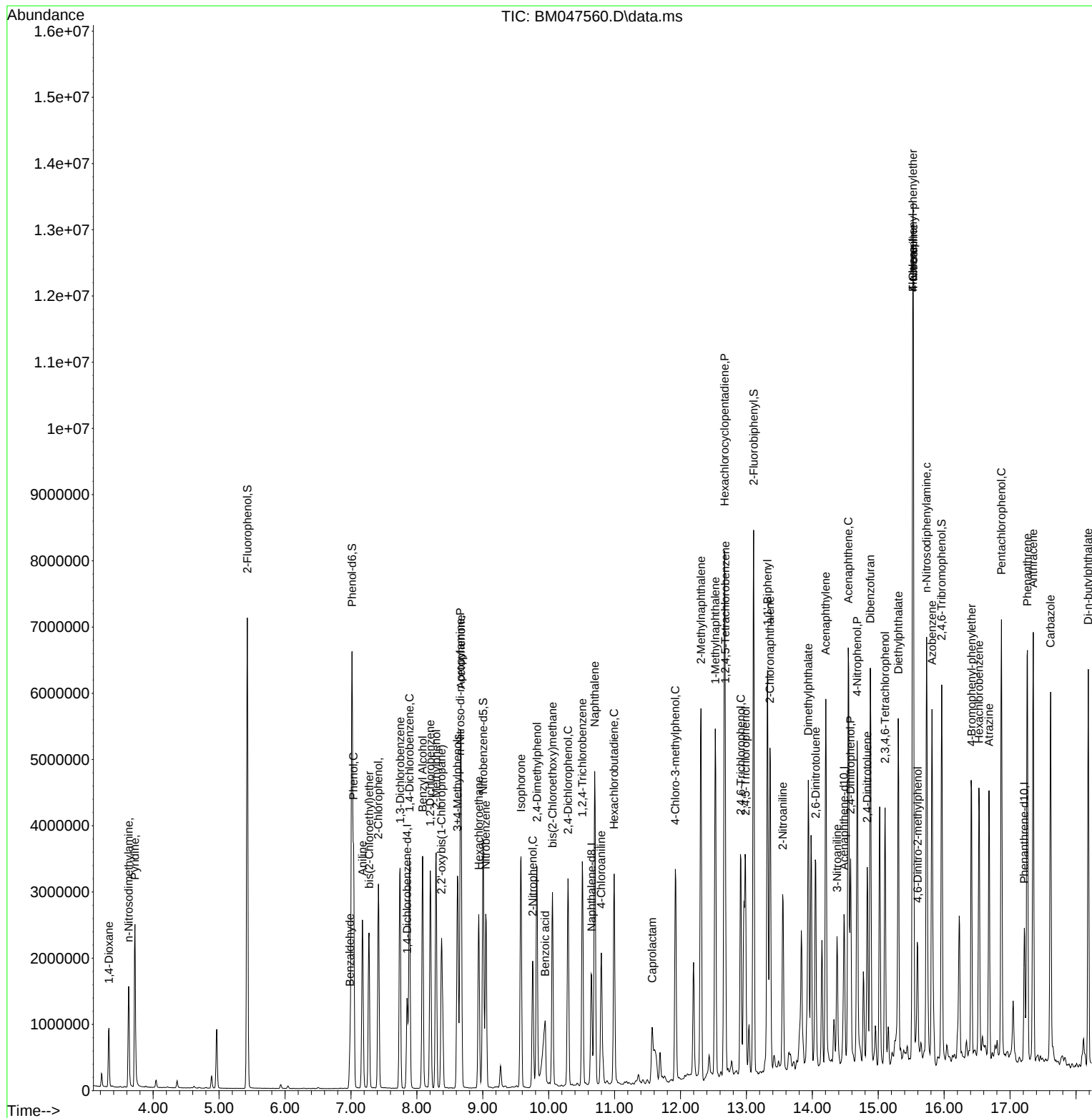
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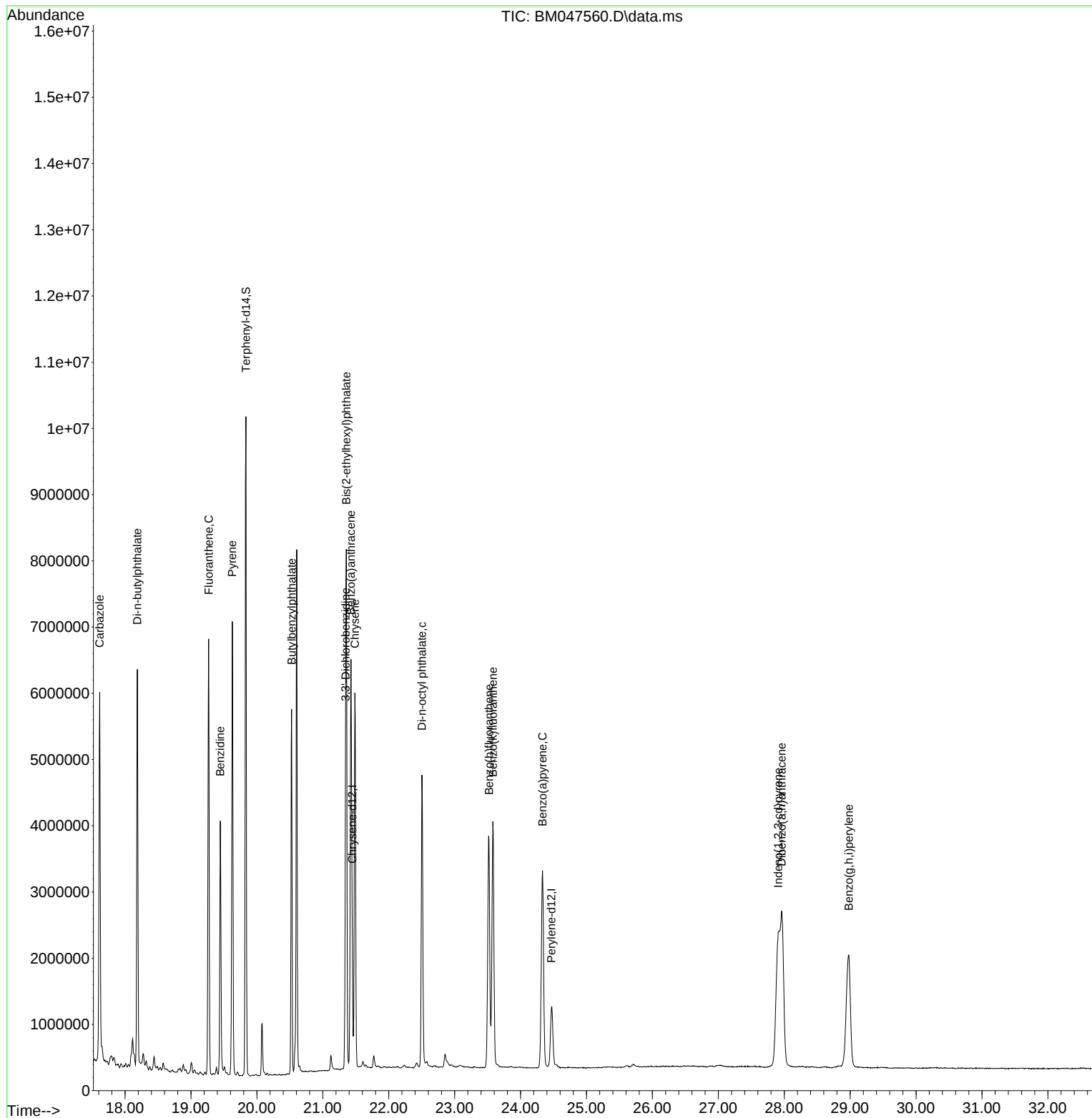
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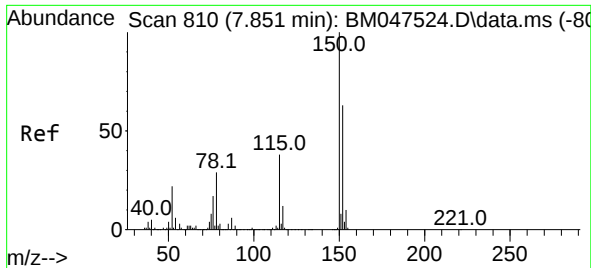
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BNA_M
ClientSampleId :
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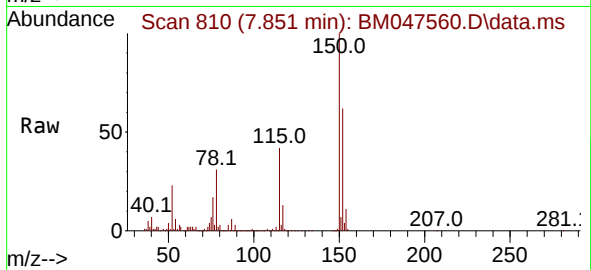
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

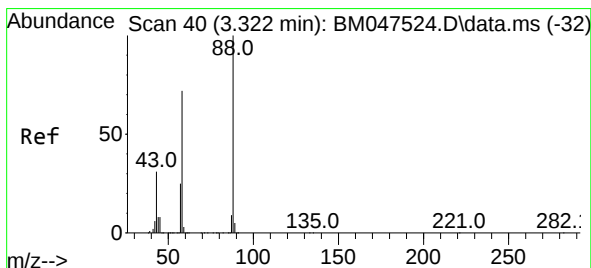
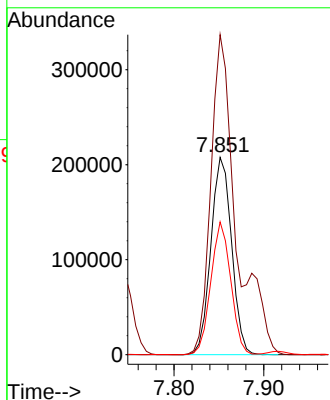
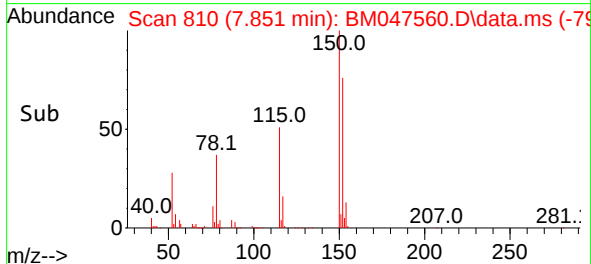
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



Tgt Ion: 152 Resp: 333300
Ion Ratio Lower Upper
152 100
150 162.2 126.8 190.2
115 67.3 47.8 71.8

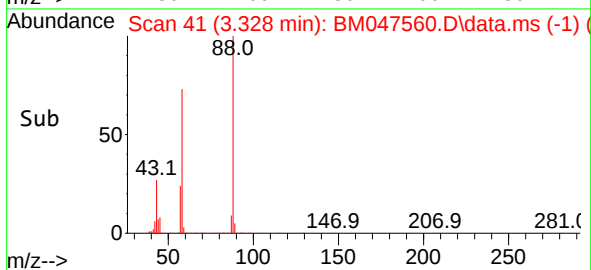
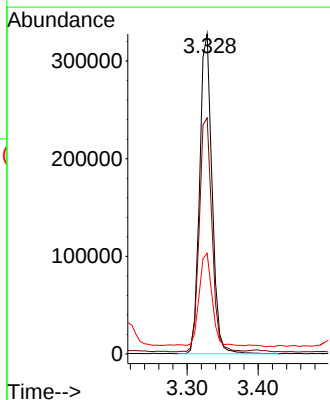
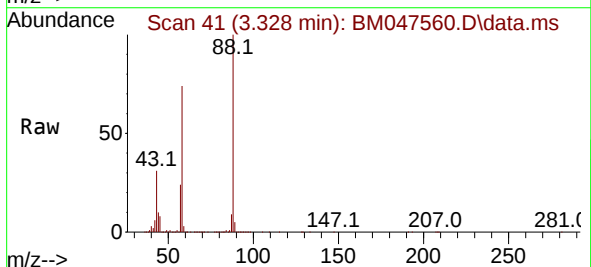
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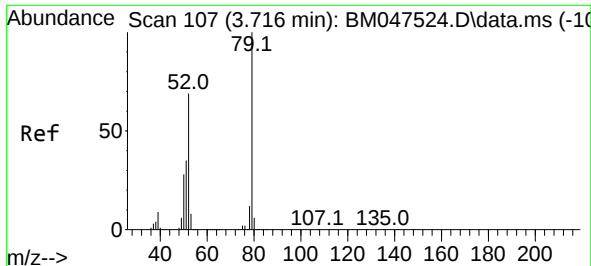
Reviewed By :Yogesh Patel 09/19/2024
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#2
1,4-Dioxane
Concen: 44.328 ng
RT: 3.328 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion: 88 Resp: 397445
Ion Ratio Lower Upper
88 100
58 75.2 59.0 88.6
43 30.1 25.0 37.4





#3
Pyridine
Concen: 43.644 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

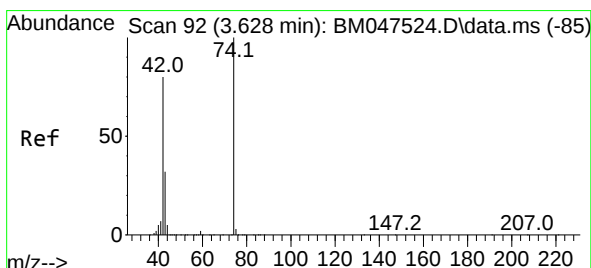
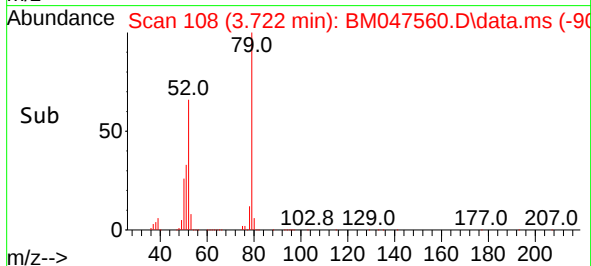
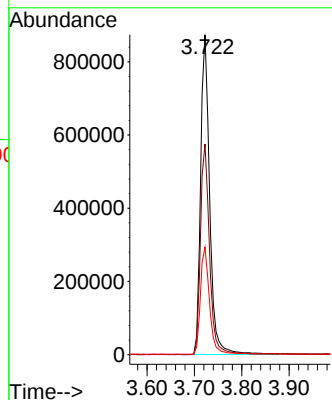
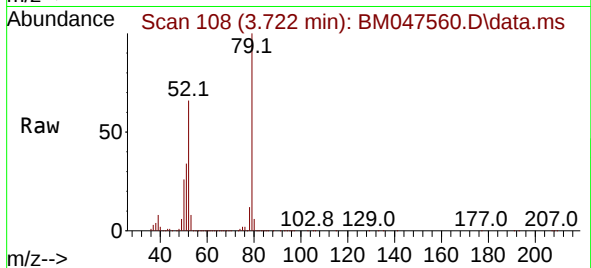
ClientSampleId :

COMP-2MSD

Tgt Ion: 79 Resp: 116480
Ion Ratio Lower Upper
79 100
52 65.8 55.4 83.0
51 33.6 27.9 41.9

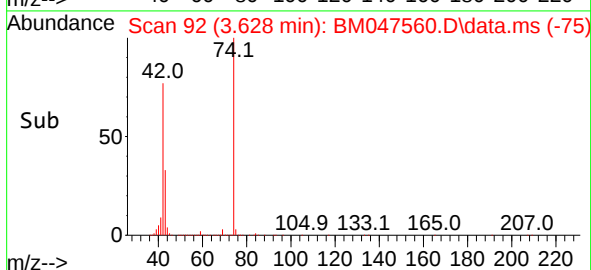
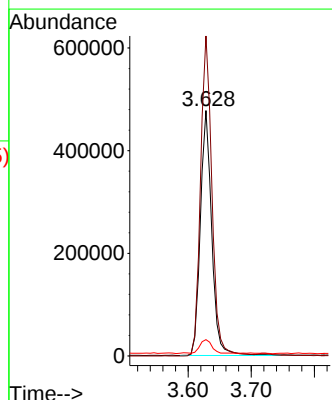
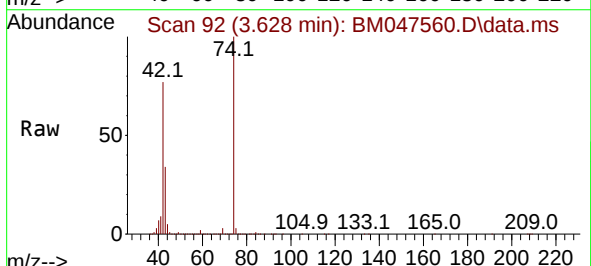
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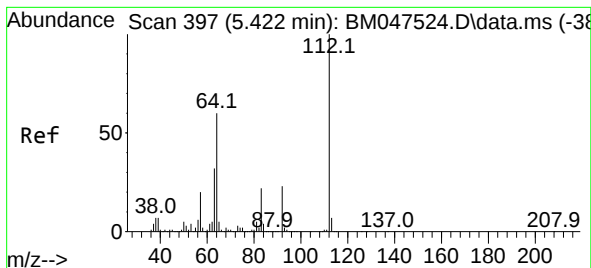
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#4
n-Nitrosodimethylamine
Concen: 49.258 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion: 42 Resp: 596473
Ion Ratio Lower Upper
42 100
74 130.4 100.5 150.7
44 6.6 6.9 10.3





#5
2-Fluorophenol
Concen: 132.383 ng
RT: 5.428 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

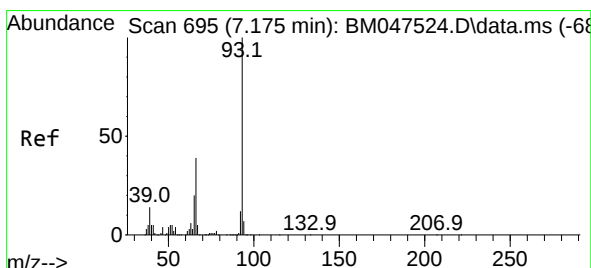
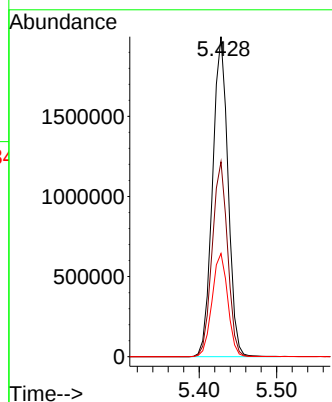
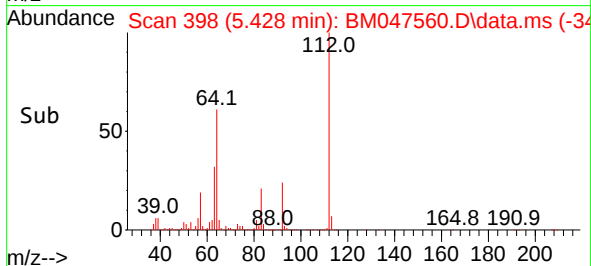
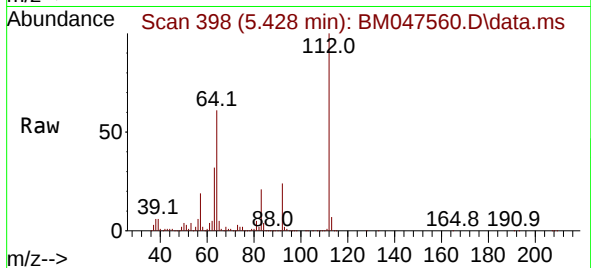
COMP-2MSD

Tgt Ion:112 Resp: 2771184
Ion Ratio Lower Upper
112 100
64 60.9 48.2 72.4
63 32.2 26.0 39.0

Manual Integrations

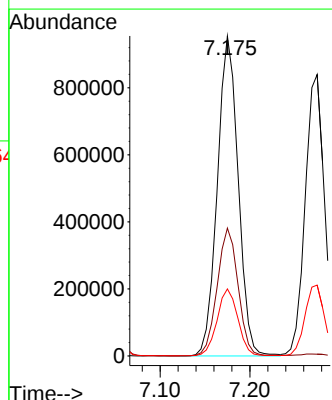
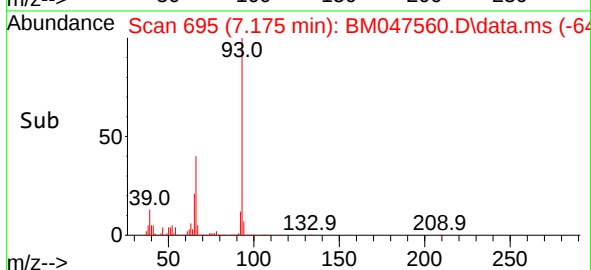
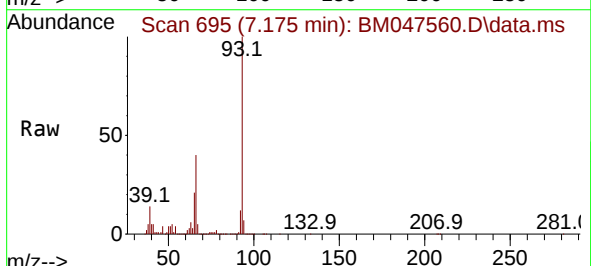
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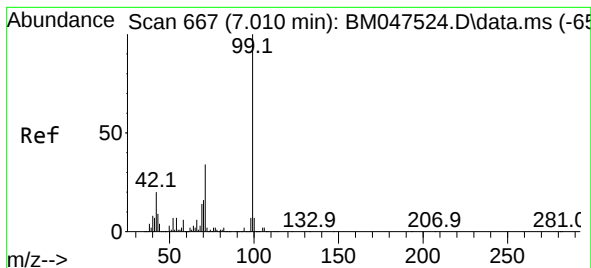
Reviewed By :Yogesh Patel 09/19/2024
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#6
Aniline
Concen: 58.910 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion: 93 Resp: 1539653
Ion Ratio Lower Upper
93 100
66 39.9 31.4 47.0
65 20.9 16.3 24.5





#7

Phenol-d6

Concen: 121.271 ng

RT: 7.016 min Scan# 667

Delta R.T. 0.006 min

Lab File: BM047560.D

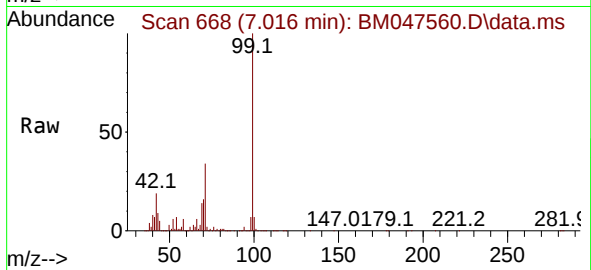
Acq: 18 Sep 2024 17:46

Instrument :

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ClientSampleId :

COMP-2MSD



Tgt Ion: 99 Resp: 357502

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.8

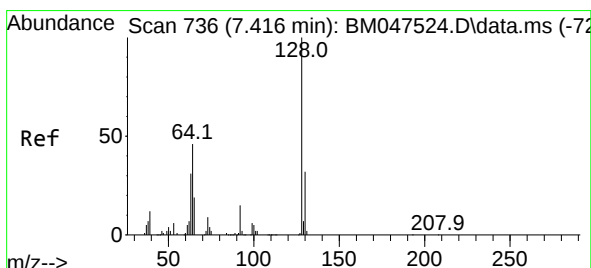
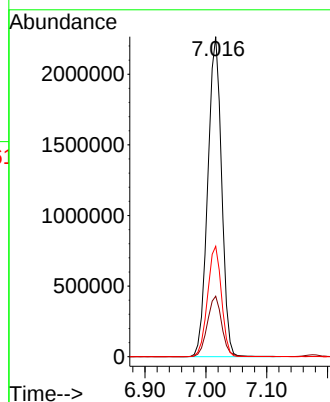
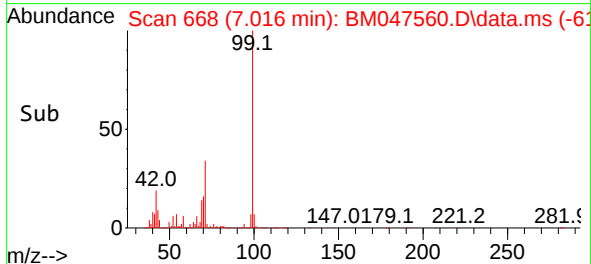
71 34.5 27.6 41.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#8

2-Chlorophenol

Concen: 54.526 ng

RT: 7.416 min Scan# 736

Delta R.T. 0.000 min

Lab File: BM047560.D

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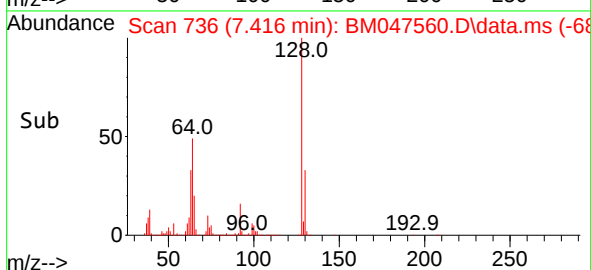
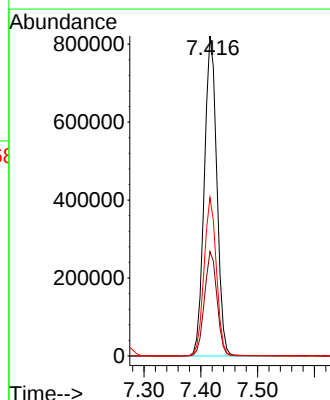
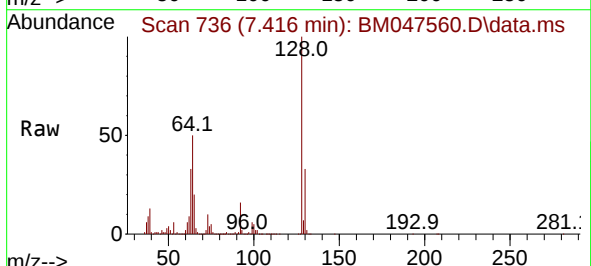
Tgt Ion:128 Resp: 1258275

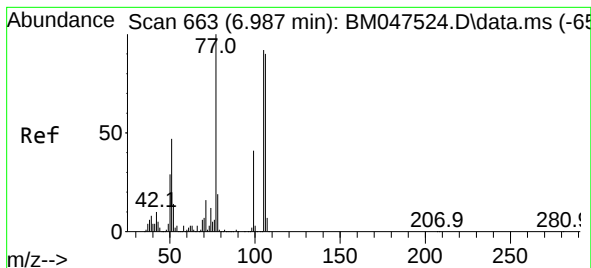
Ion Ratio Lower Upper

128 100

130 32.6 11.8 51.8

64 49.5 27.6 67.6





#9

Benzaldehyde

Concen: 16.045 ng

RT: 6.987 min Scan# 663

Delta R.T. 0.000 min

Lab File: BM047560.D

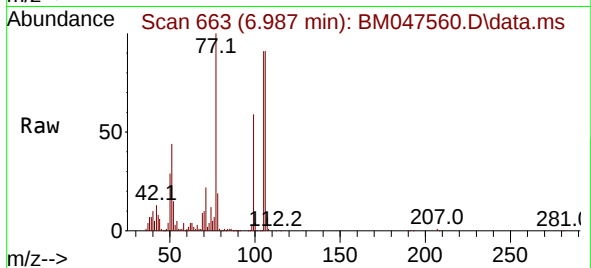
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COMP-2MSD



Tgt Ion: 77 Resp: 224912

Ion Ratio Lower Upper

77 100

105 90.6 71.8 111.8

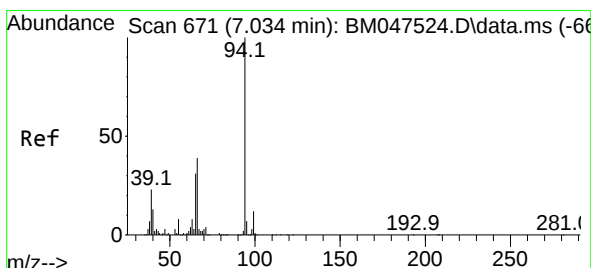
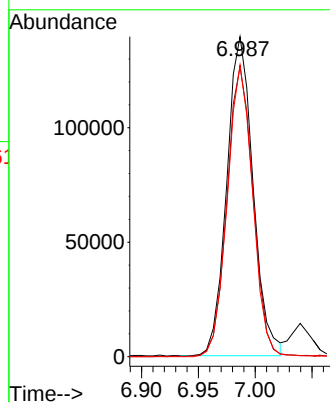
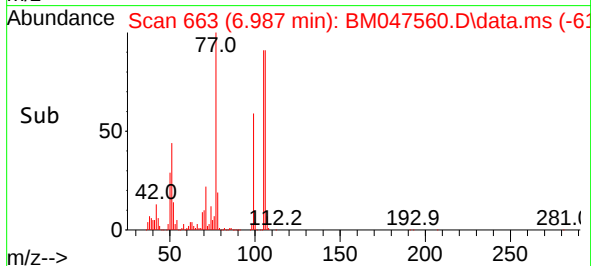
106 91.2 69.7 109.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#10

Phenol

Concen: 56.241 ng

RT: 7.040 min Scan# 672

Delta R.T. 0.006 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

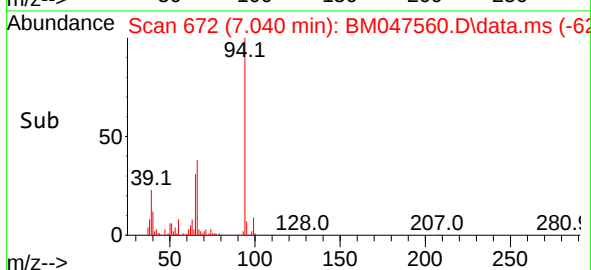
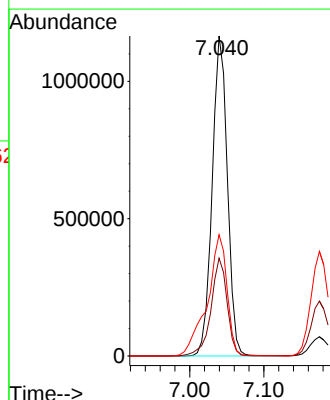
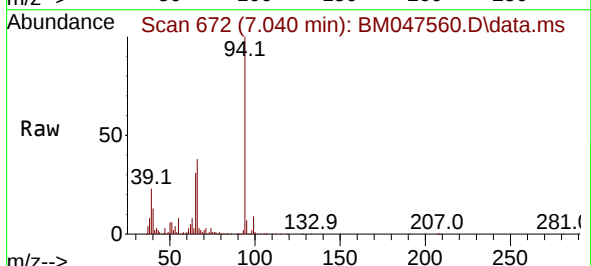
Tgt Ion: 94 Resp: 1660115

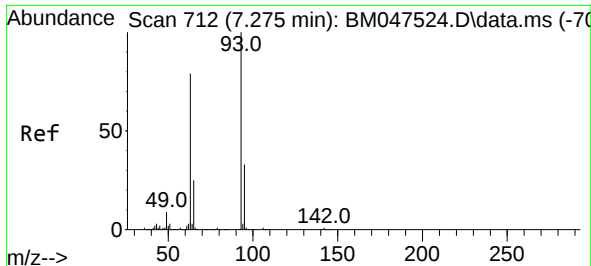
Ion Ratio Lower Upper

94 100

65 30.6 10.8 50.8

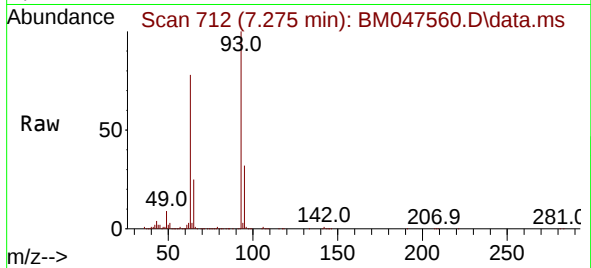
66 37.9 19.2 59.2





#11
bis(2-Chloroethyl)ether
Concen: 52.556 ng
RT: 7.275 min Scan# 712
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

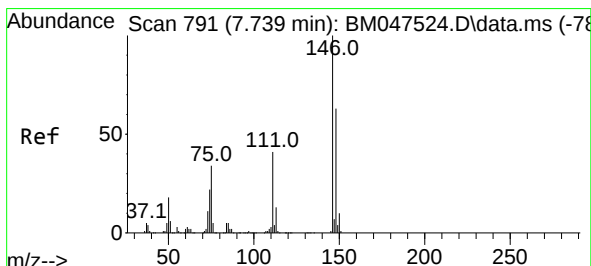
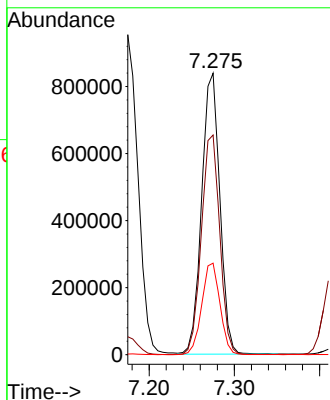
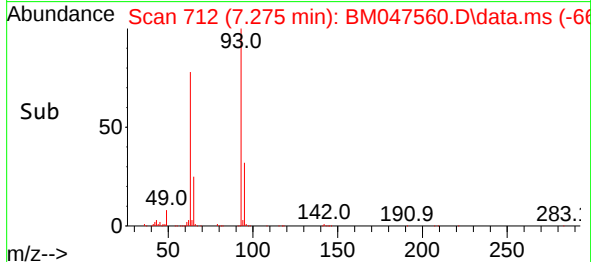
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



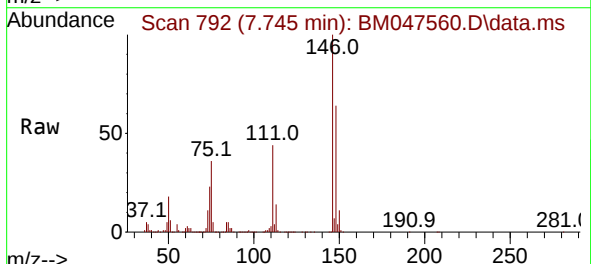
Tgt Ion: 93 Resp: 124544
Ion Ratio Lower Upper
93 100
63 78.0 58.2 98.2
95 32.5 12.8 52.8

Manual Integrations
APPROVED

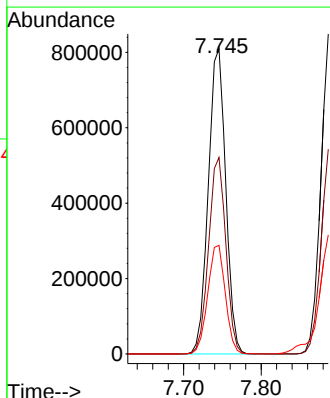
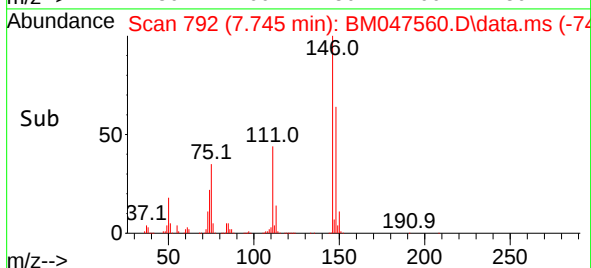
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

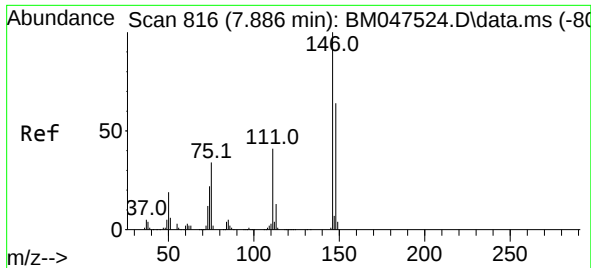


#12
1,3-Dichlorobenzene
Concen: 50.025 ng
RT: 7.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



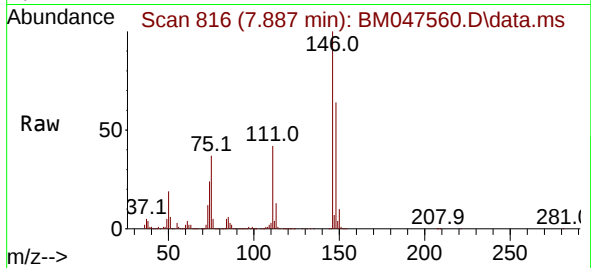
Tgt Ion:146 Resp: 1263562
Ion Ratio Lower Upper
146 100
148 64.4 50.2 75.4
75 35.6 27.4 41.0





#13
1,4-Dichlorobenzene
Concen: 50.006 ng
RT: 7.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

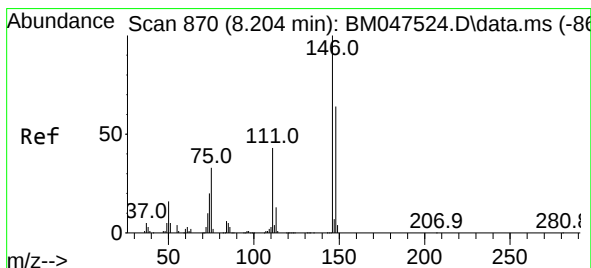
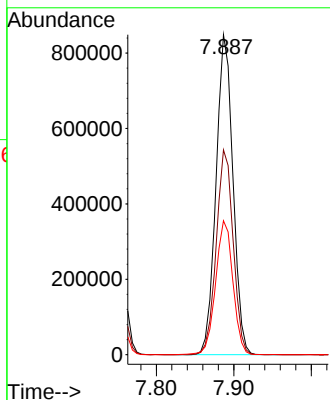
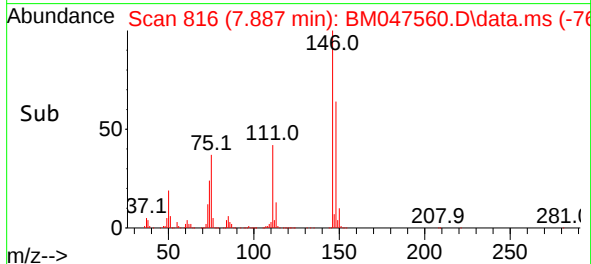
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



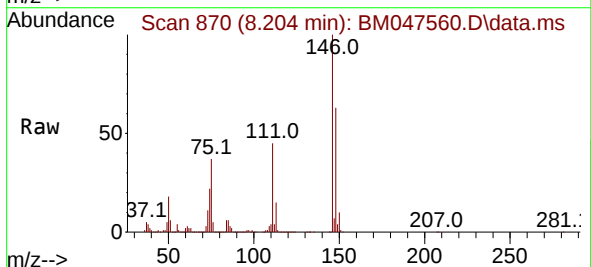
Tgt Ion:146 Resp: 128648
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 41.8 32.9 49.3

Manual Integrations
APPROVED

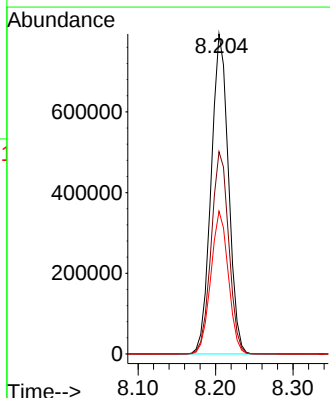
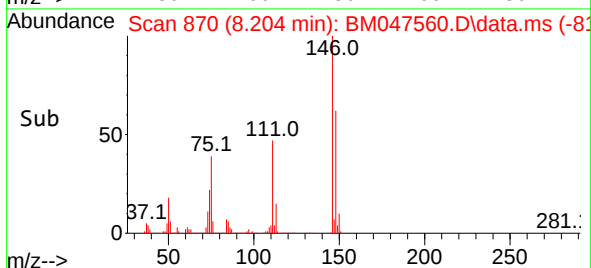
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

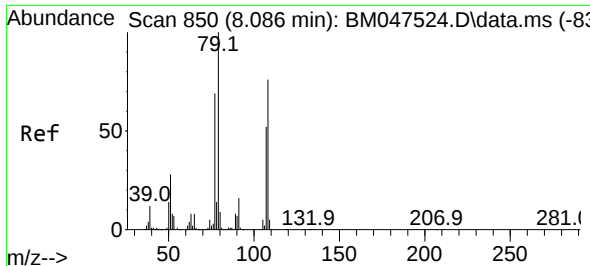


#14
1,2-Dichlorobenzene
Concen: 48.748 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion:146 Resp: 1234219
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
111 44.6 34.7 52.1





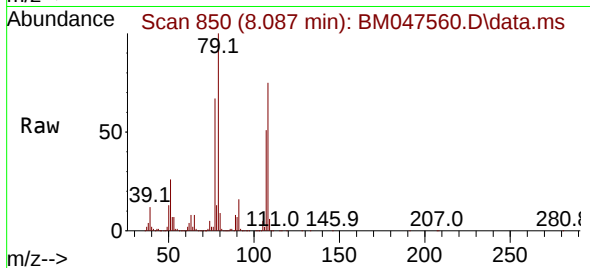
#15
Benzyl Alcohol
Concen: 56.031 ng
RT: 8.087 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



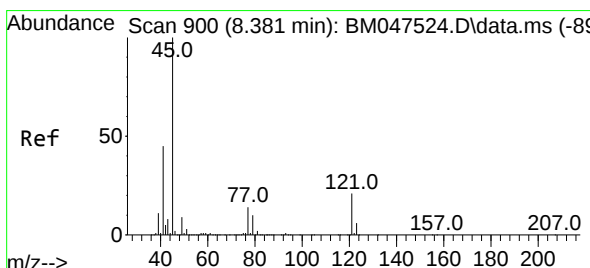
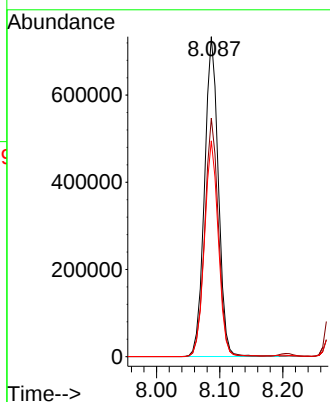
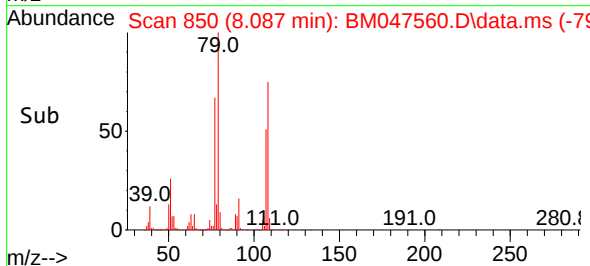
Tgt Ion: 79 Resp: 111885
Ion Ratio Lower Upper
79 100
108 74.6 60.6 91.0
77 67.5 55.0 82.4

Manual Integrations

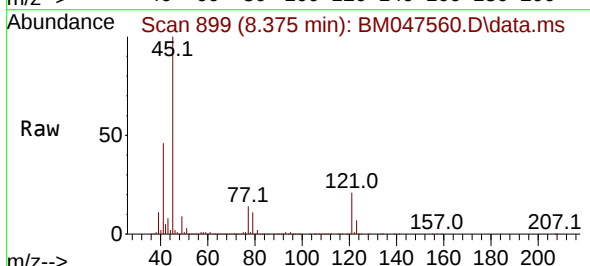
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

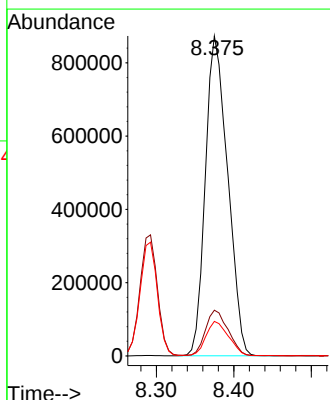
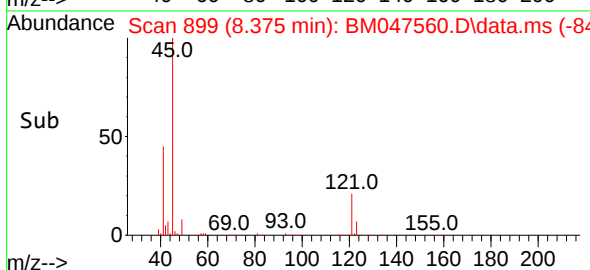
Supervised By :mohammad ahmed 09/20/2024

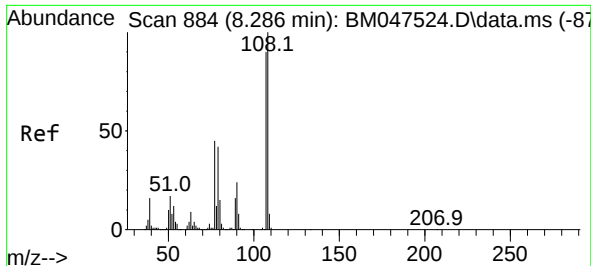


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.362 ng
RT: 8.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion: 45 Resp: 1745486
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.7
79 10.8 0.0 30.3





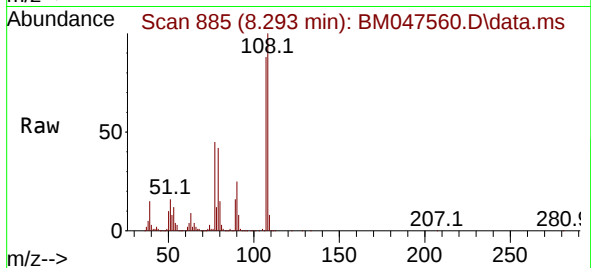
#17
2-Methylphenol
Concen: 54.313 ng
RT: 8.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



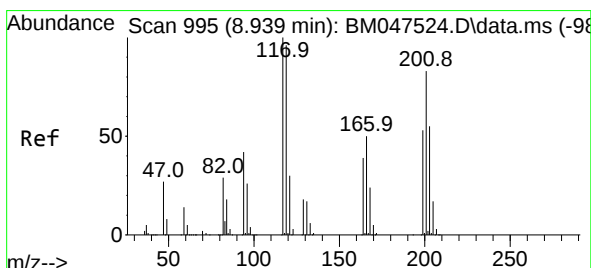
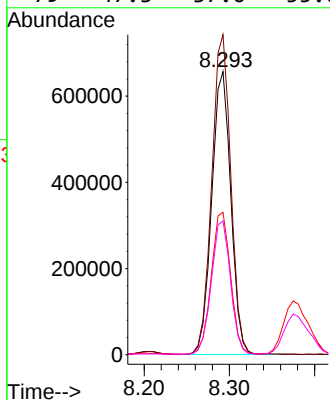
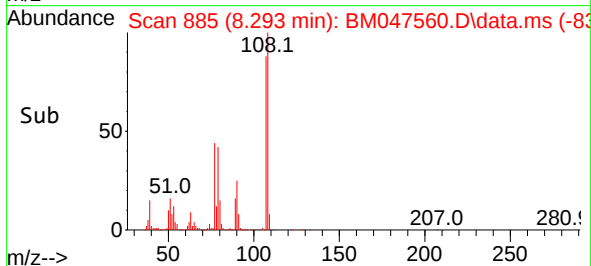
Tgt Ion:107 Resp: 102417
Ion Ratio Lower Upper
107 100
108 113.0 88.9 133.3
77 50.3 39.8 59.8
79 47.3 37.0 55.6

Manual Integrations

APPROVED

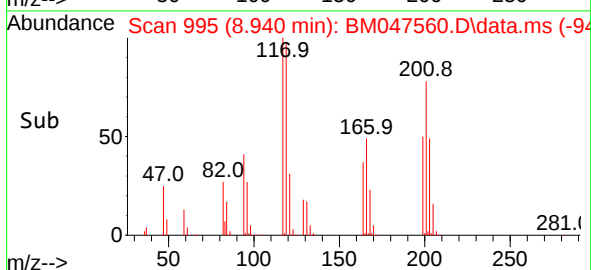
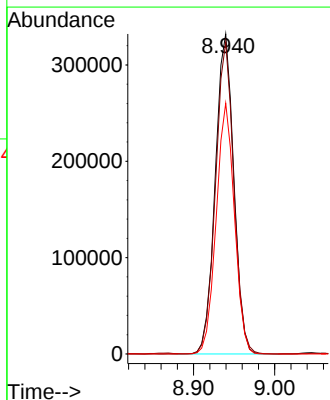
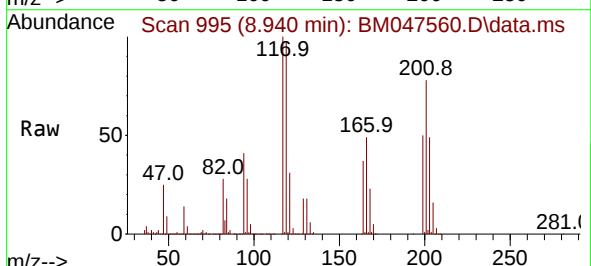
Reviewed By :Yogesh Patel 09/19/2024

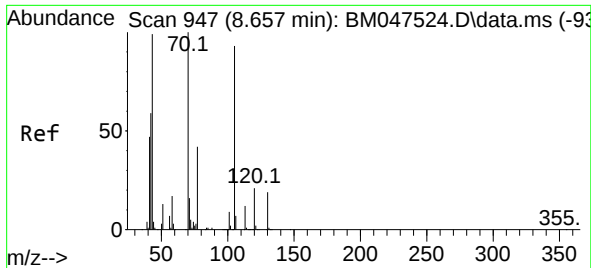
Supervised By :mohammad ahmed 09/20/2024



#18
Hexachloroethane
Concen: 51.371 ng
RT: 8.940 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion:117 Resp: 527954
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.4
201 78.4 66.8 100.2





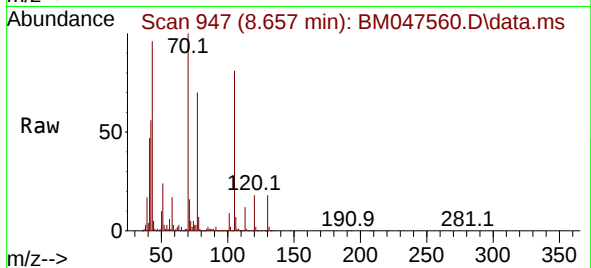
#19
n-Nitroso-di-n-propylamine
Concen: 50.346 ng
RT: 8.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

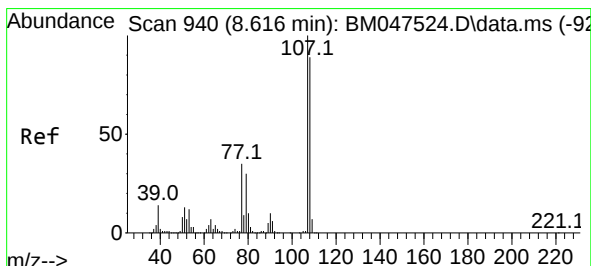
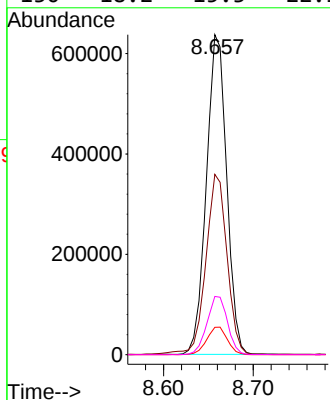
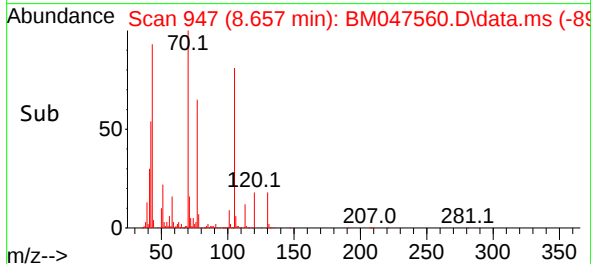


Tgt Ion: 70 Resp: 1000685
Ion Ratio Lower Upper
70 100
42 56.3 48.2 72.2
101 8.6 7.0 10.4
130 18.2 15.3 22.9

Manual Integrations

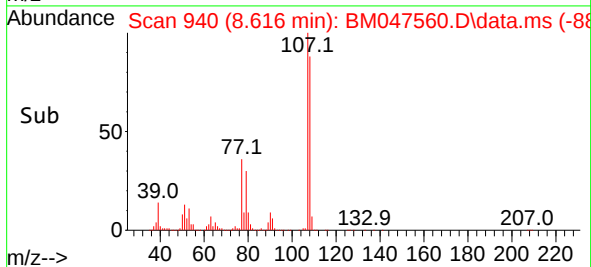
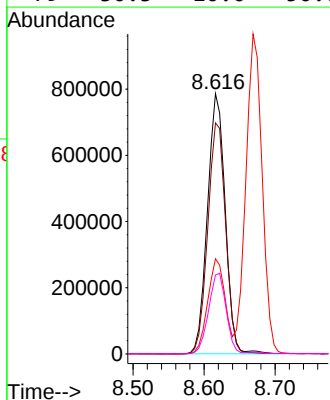
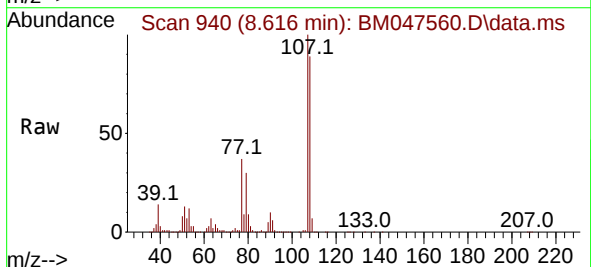
APPROVED

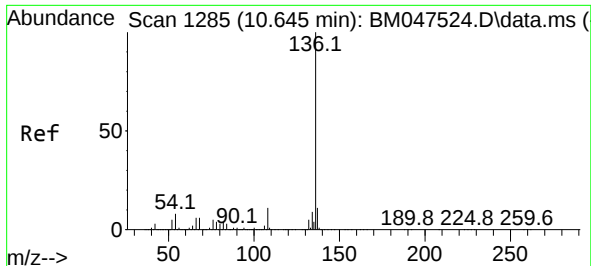
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#20
3+4-Methylphenols
Concen: 51.948 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion:107 Resp: 1366830
Ion Ratio Lower Upper
107 100
108 88.7 68.9 108.9
77 36.6 15.5 55.5
79 30.3 10.0 50.0





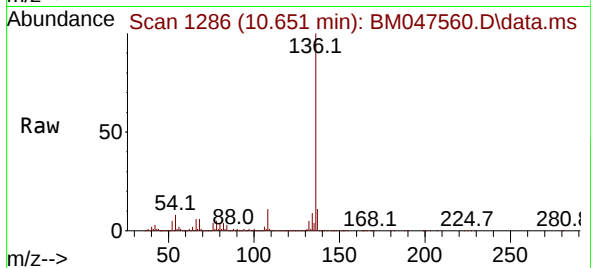
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

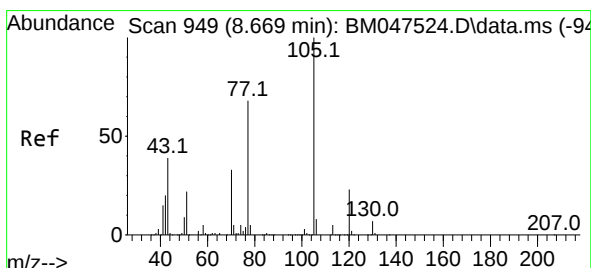
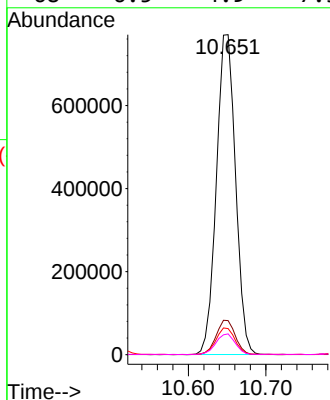
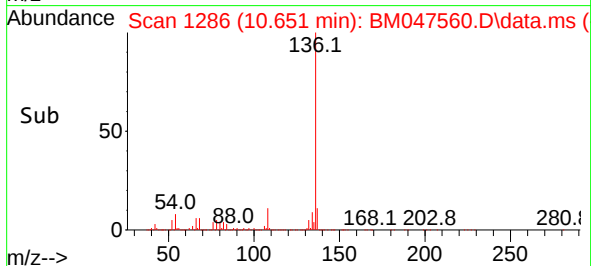


Tgt Ion:136 Resp: 1322338
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 8.2 6.6 9.8
68 6.5 4.9 7.3

Manual Integrations

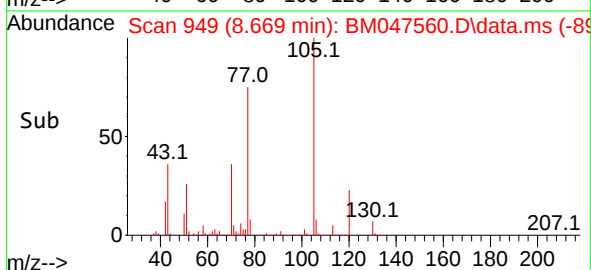
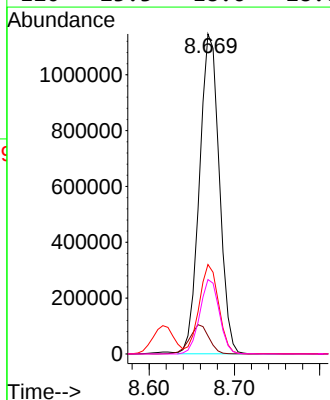
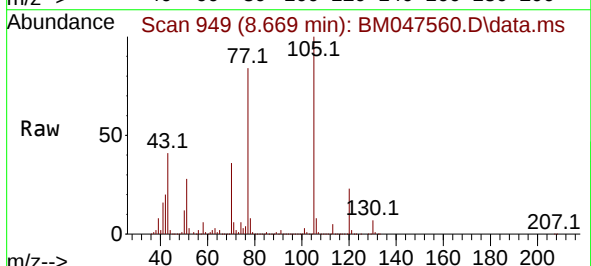
APPROVED

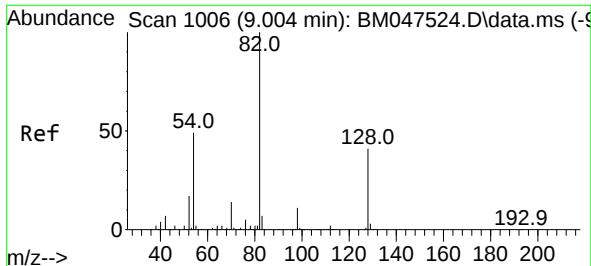
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#22
Acetophenone
Concen: 53.131 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion:105 Resp: 1847087
Ion Ratio Lower Upper
105 100
71 5.6 4.3 6.5
51 28.0 21.5 32.3
120 23.3 18.6 28.0





#23
Nitrobenzene-d5
Concen: 81.874 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

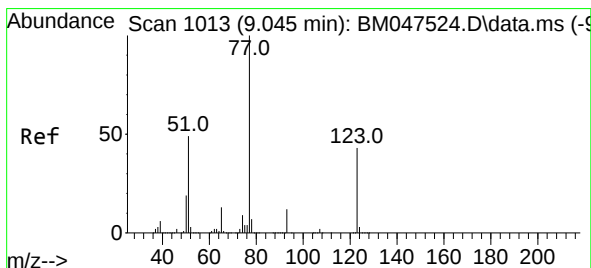
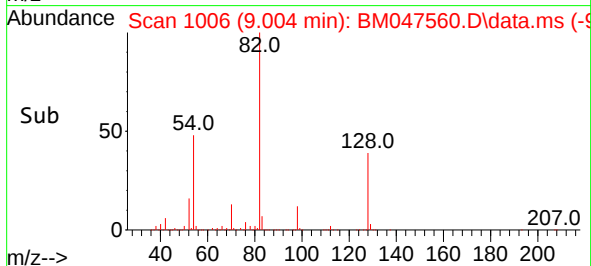
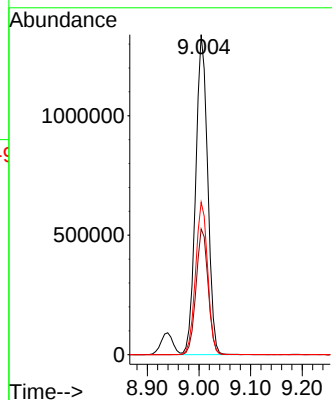
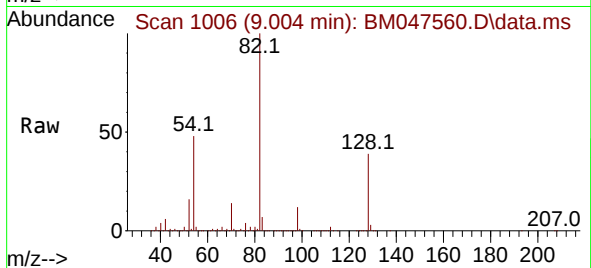
COMP-2MSD

Tgt Ion: 82 Resp: 216331
Ion Ratio Lower Upper
82 100
128 39.3 33.0 49.4
54 47.7 39.3 58.9

Manual Integrations

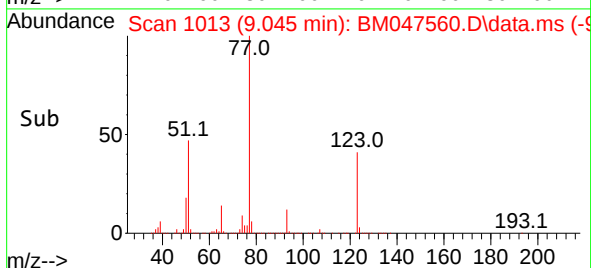
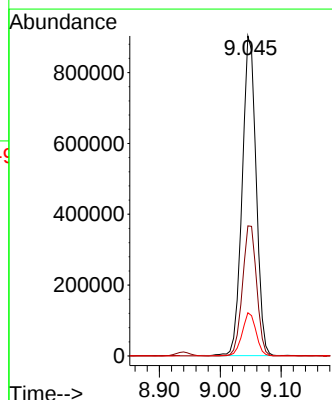
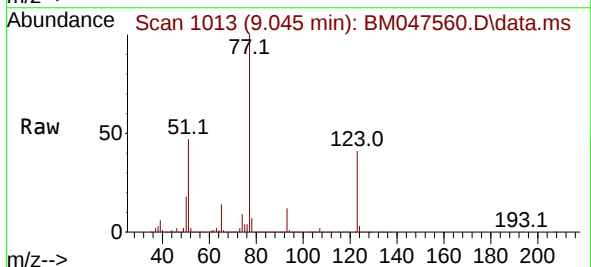
APPROVED

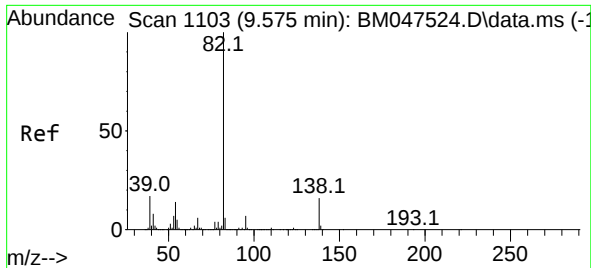
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#24
Nitrobenzene
Concen: 52.860 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion: 77 Resp: 1435193
Ion Ratio Lower Upper
77 100
123 40.7 34.5 51.7
65 13.5 10.7 16.1





#25

Isophorone

Concen: 53.548 ng

RT: 9.581 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BM047560.D

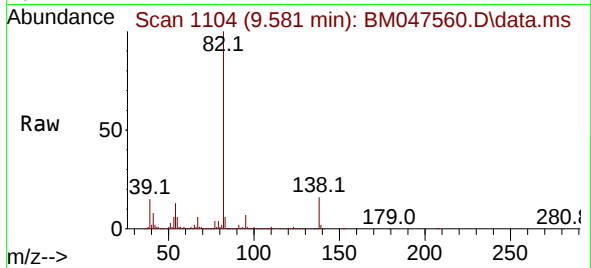
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



Tgt Ion: 82 Resp: 2487420

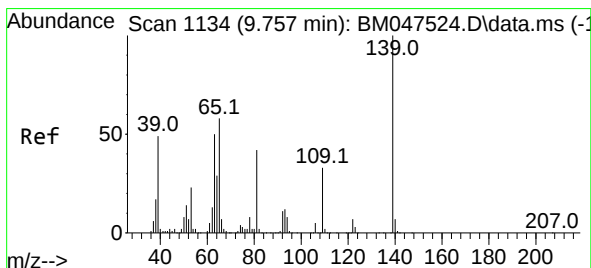
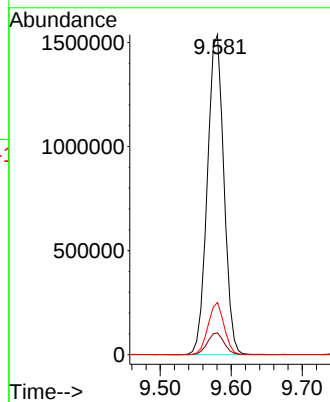
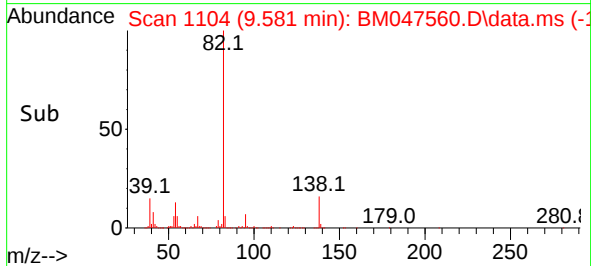
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.0
138	16.3	12.9	19.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#26

2-Nitrophenol

Concen: 57.345 ng

RT: 9.757 min Scan# 1134

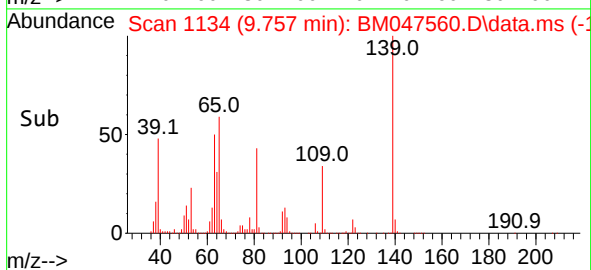
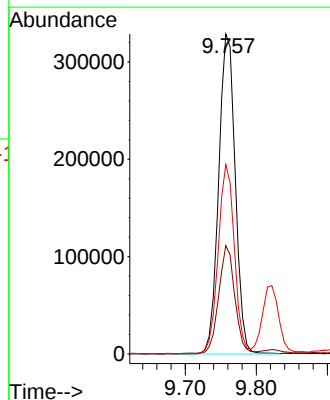
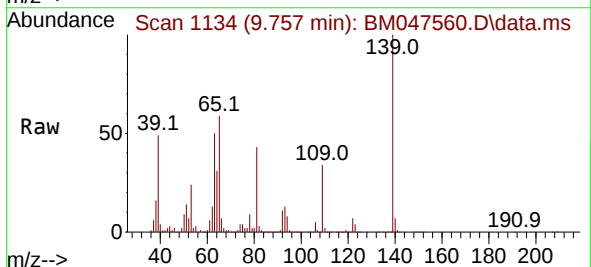
Delta R.T. 0.000 min

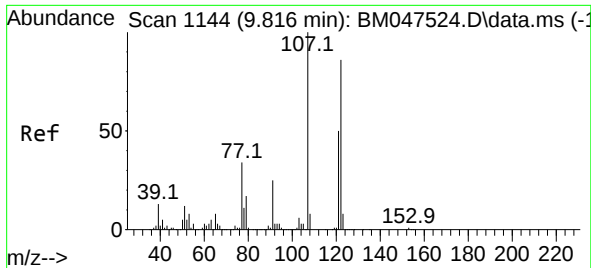
Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

Tgt Ion:139 Resp: 530557

Ion	Ratio	Lower	Upper
139	100		
109	33.8	26.0	39.0
65	59.2	46.2	69.4





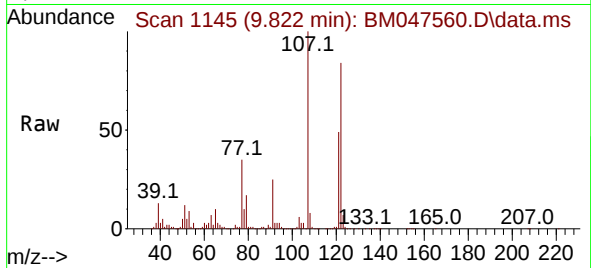
#27
2,4-Dimethylphenol
Concen: 68.026 ng
RT: 9.822 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



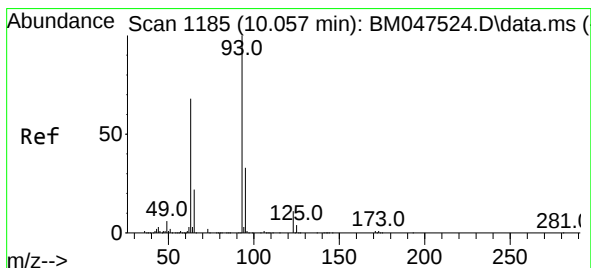
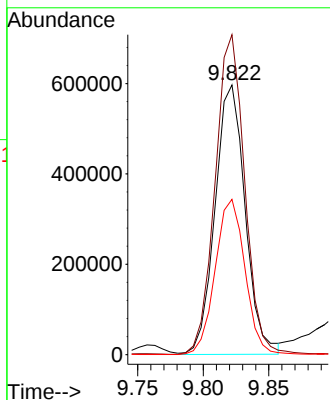
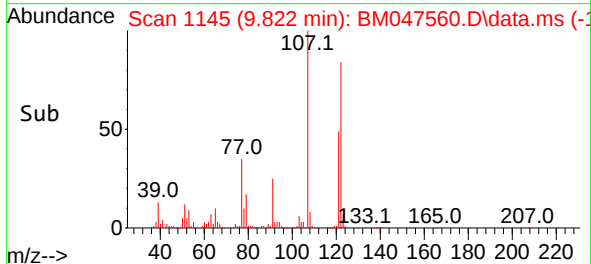
Tgt Ion:122 Resp: 95406
Ion Ratio Lower Upper
122 100
107 118.6 92.4 138.6
121 57.6 46.2 69.4

Manual Integrations

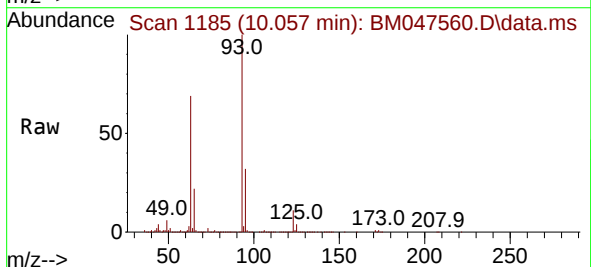
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

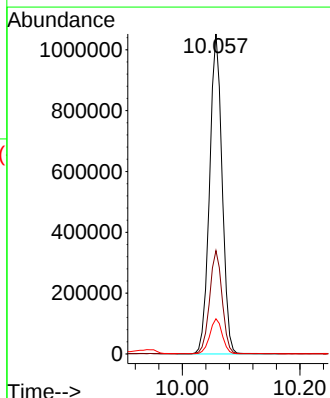
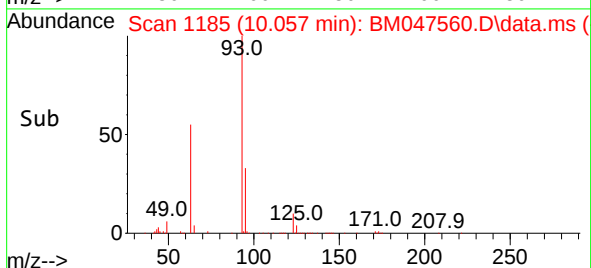
Supervised By :mohammad ahmed 09/20/2024

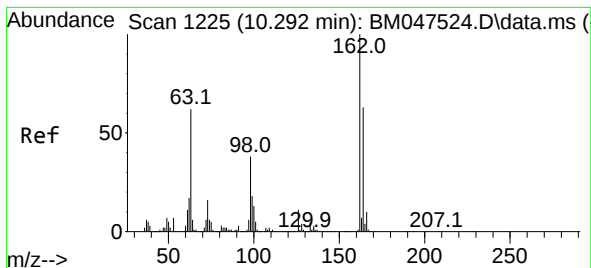


#28
bis(2-Chloroethoxy)methane
Concen: 53.328 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



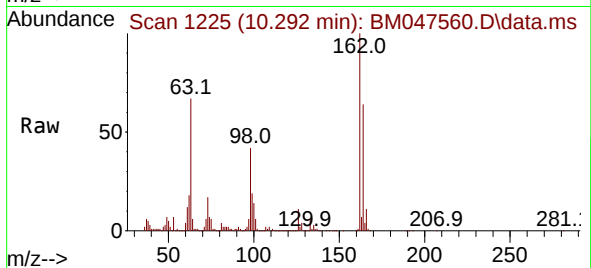
Tgt Ion: 93 Resp: 1556021
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.2
123 11.0 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 54.729 ng
RT: 10.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

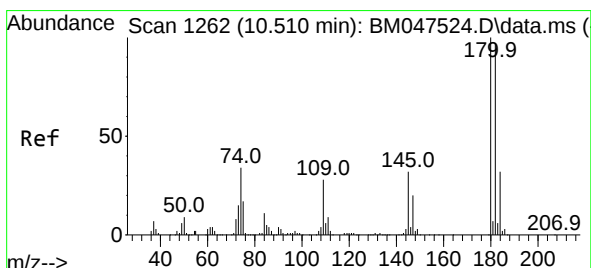
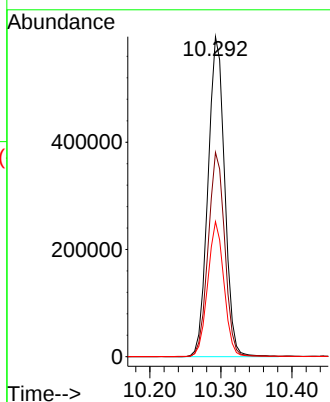
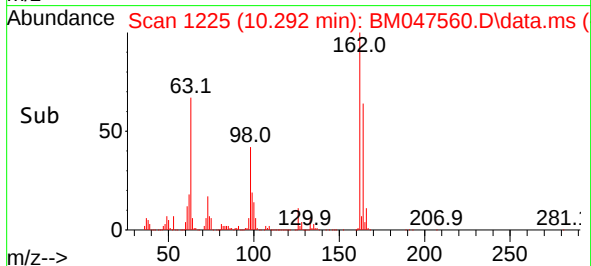
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



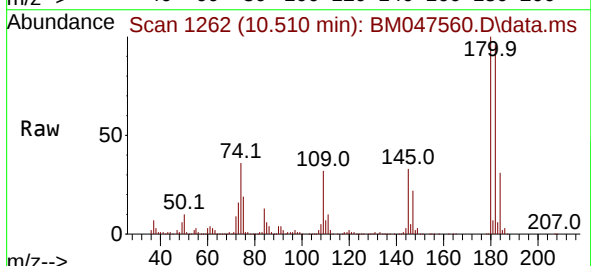
Tgt Ion:162 Resp: 975192
Ion Ratio Lower Upper
162 100
164 63.8 43.5 83.5
98 42.2 17.6 57.6

Manual Integrations
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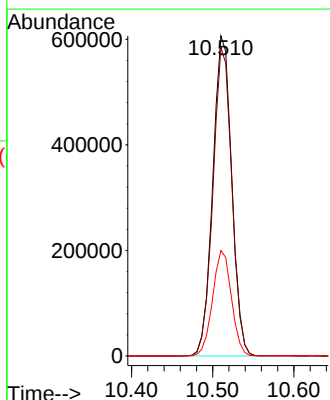
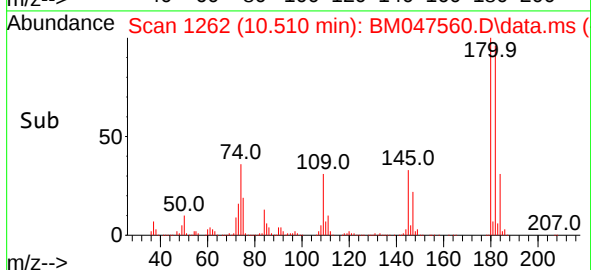
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

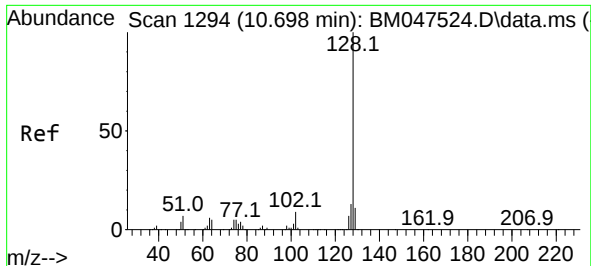


#30
1,2,4-Trichlorobenzene
Concen: 48.260 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



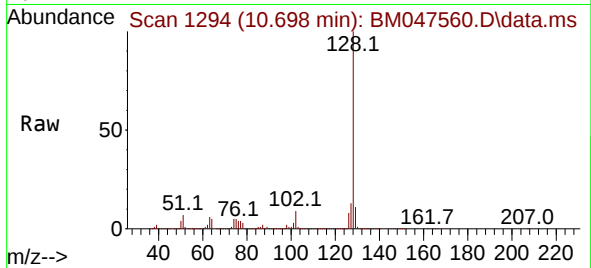
Tgt Ion:180 Resp: 985027
Ion Ratio Lower Upper
180 100
182 96.4 77.6 116.4
145 33.0 25.4 38.0





#31
Naphthalene
Concen: 51.019 ng
RT: 10.698 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

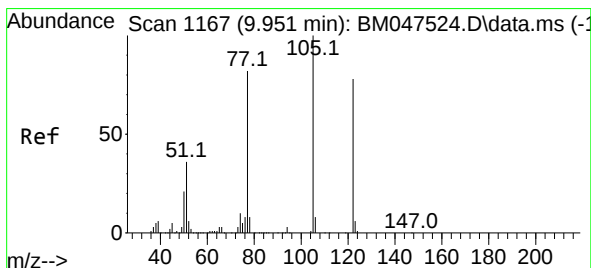
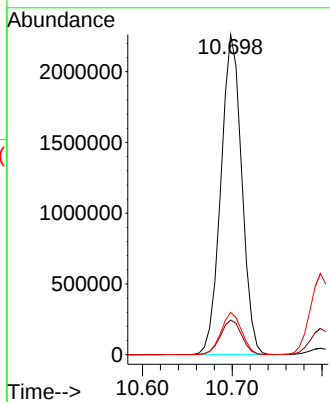
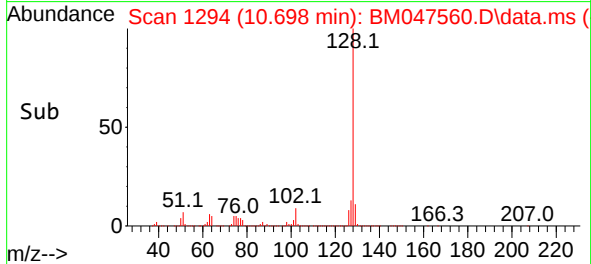
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



Tgt Ion:128 Resp: 3643610
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.5 15.7

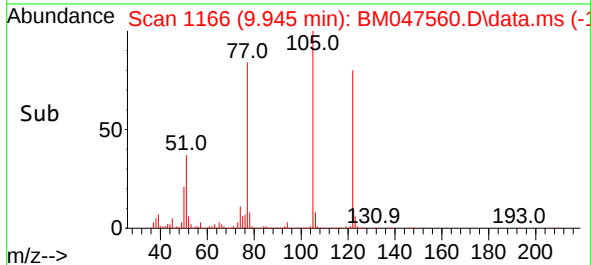
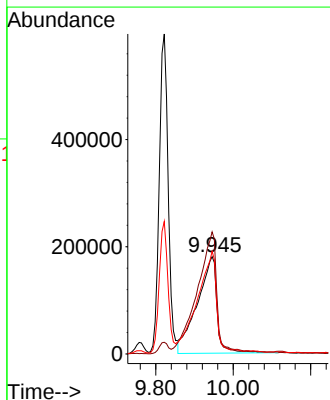
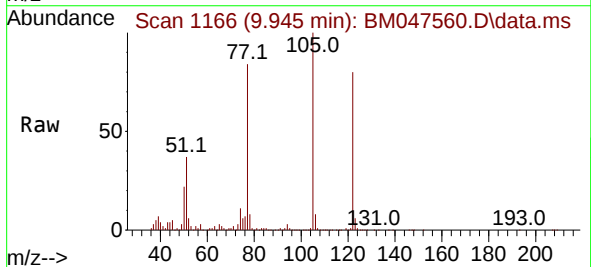
Manual Integrations
APPROVED

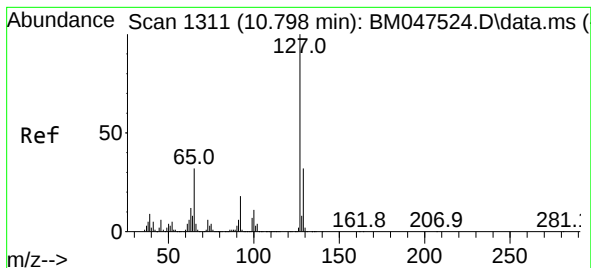
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#32
Benzoic acid
Concen: 46.445 ng
RT: 9.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

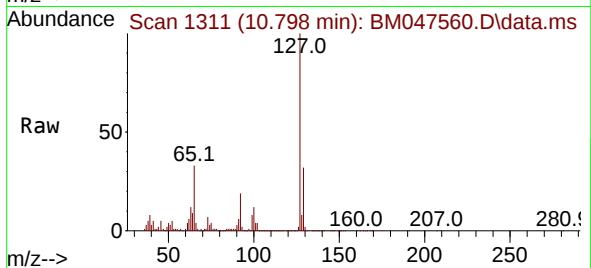
Tgt Ion:122 Resp: 638633
Ion Ratio Lower Upper
122 100
105 125.5 104.7 144.7
77 105.5 83.4 123.4





#33
4-Chloroaniline
Concen: 37.005 ng
RT: 10.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

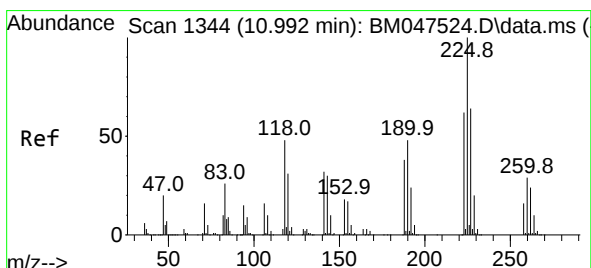
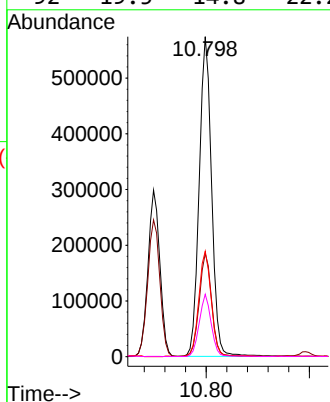
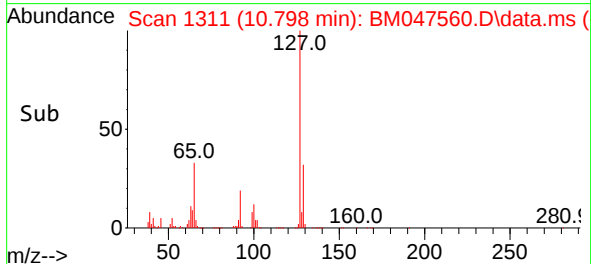
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



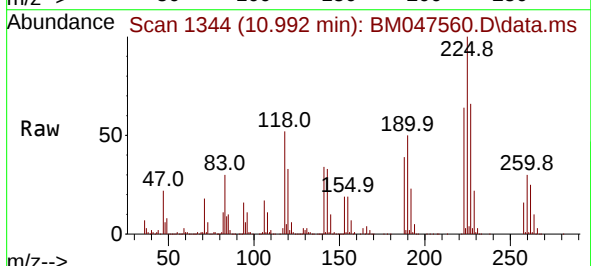
Tgt Ion:127 Resp: 955508
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.0
65 32.9 25.5 38.3
92 19.5 14.8 22.2

Manual Integrations
APPROVED

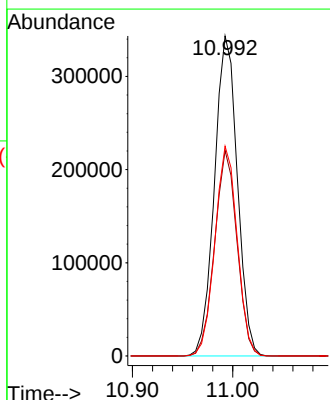
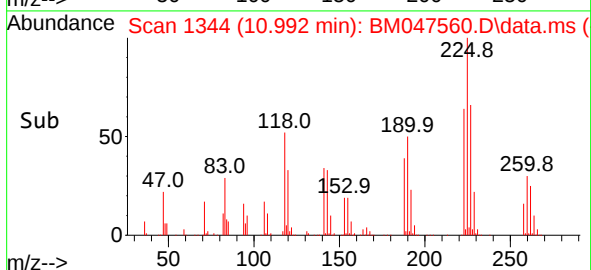
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

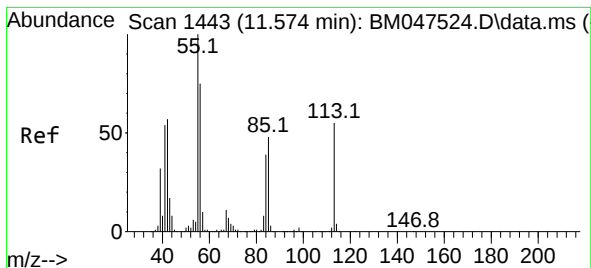


#34
Hexachlorobutadiene
Concen: 48.058 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



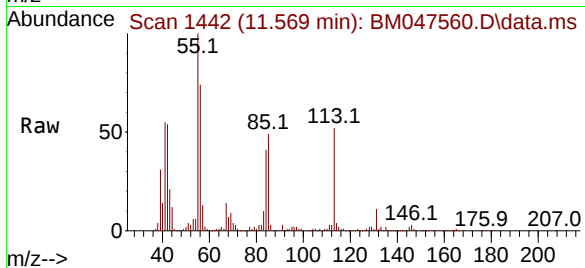
Tgt Ion:225 Resp: 543301
Ion Ratio Lower Upper
225 100
223 64.2 49.8 74.6
227 65.5 51.0 76.4





#35
Caprolactam
Concen: 48.265 ng m
RT: 11.569 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

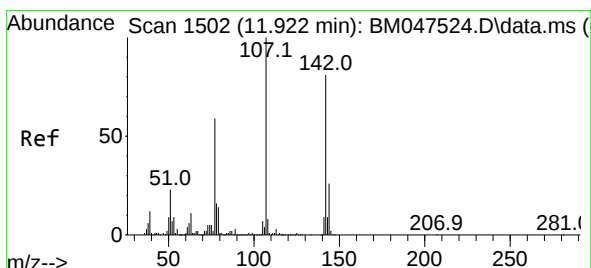
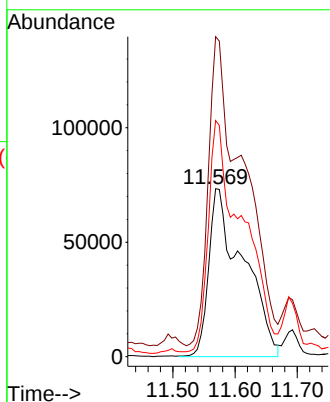
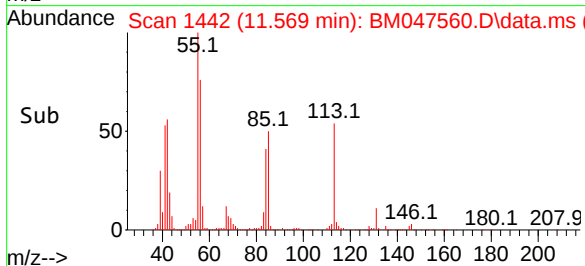
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



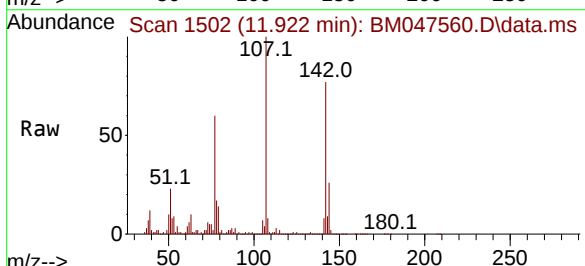
Tgt Ion:113 Resp: 283262
Ion Ratio Lower Upper
113 100
55 190.5 162.5 202.5
56 140.6 116.5 156.5

Manual Integrations
APPROVED

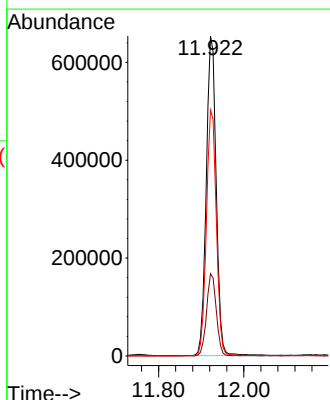
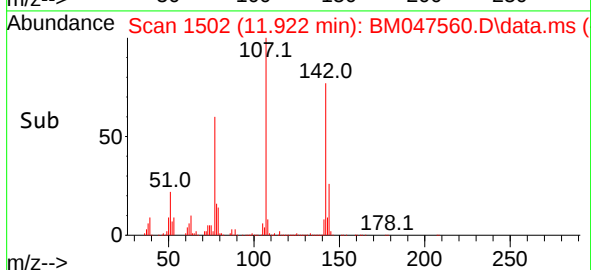
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

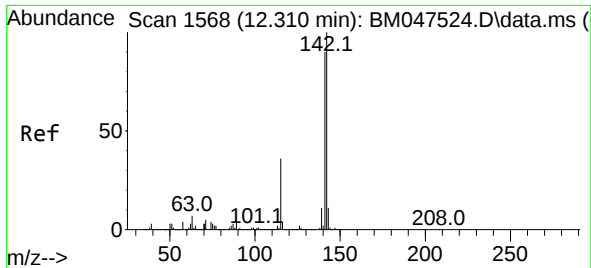


#36
4-Chloro-3-methylphenol
Concen: 51.837 ng
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



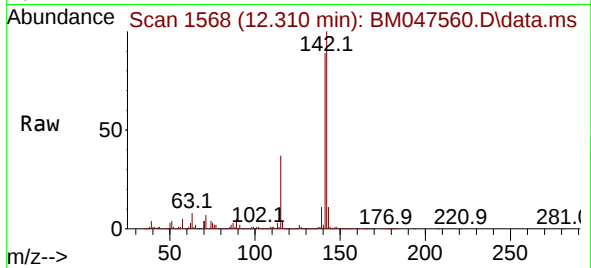
Tgt Ion:107 Resp: 1058517
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 76.9 65.0 97.4





#37
2-Methylnaphthalene
Concen: 50.403 ng
RT: 12.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

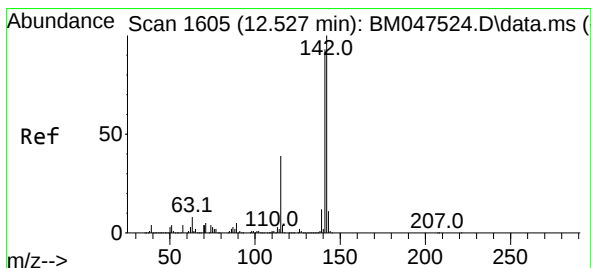
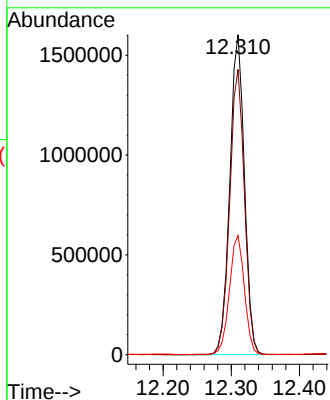
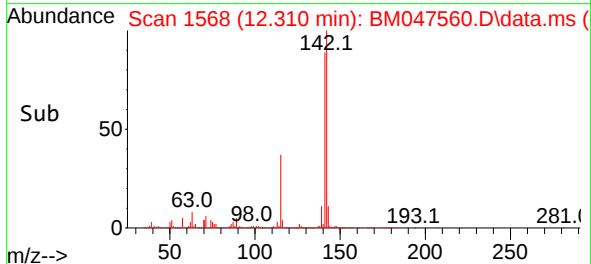
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



Tgt Ion:142 Resp: 2395750
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.4
115 37.2 29.1 43.7

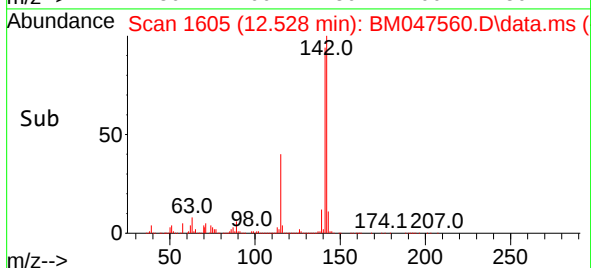
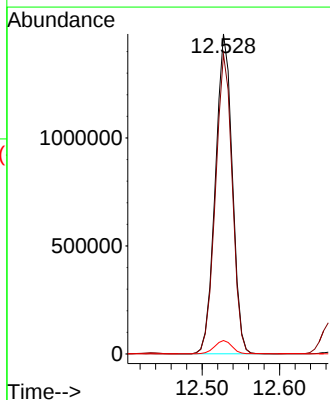
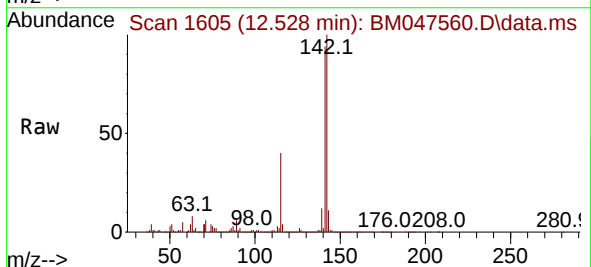
Manual Integrations
APPROVED

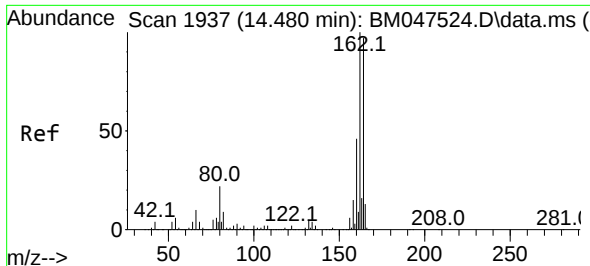
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#38
1-Methylnaphthalene
Concen: 47.636 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

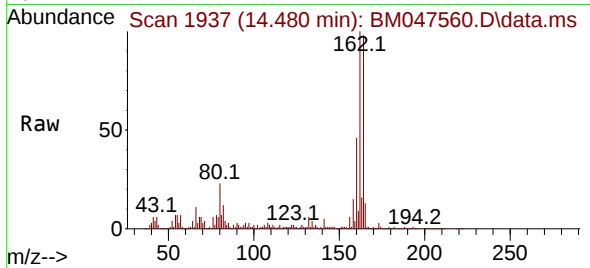
Tgt Ion:142 Resp: 2250131
Ion Ratio Lower Upper
142 100
141 93.6 74.7 112.1
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

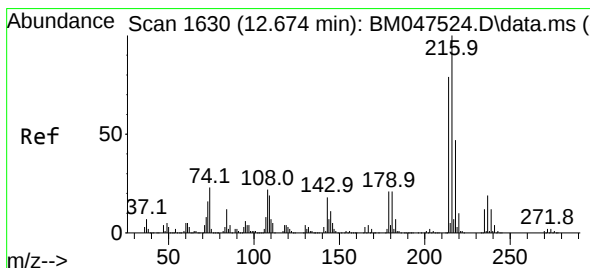
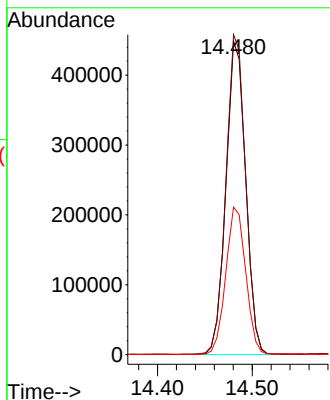
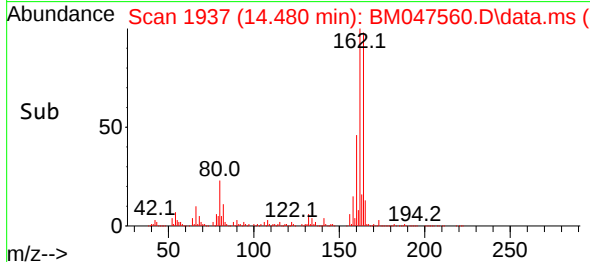
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



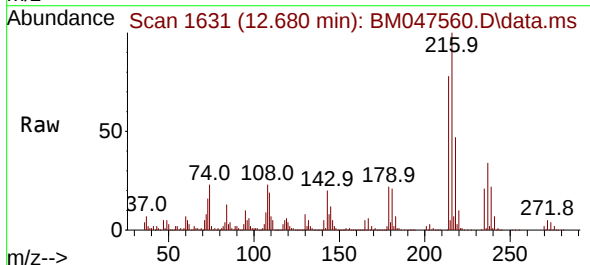
Tgt Ion:164 Resp: 648308
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 47.1 38.2 57.2

Manual Integrations
APPROVED

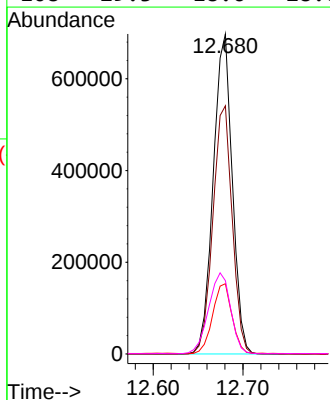
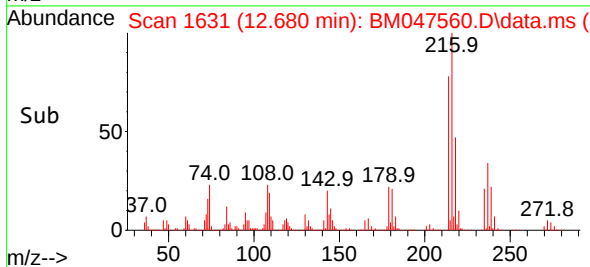
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

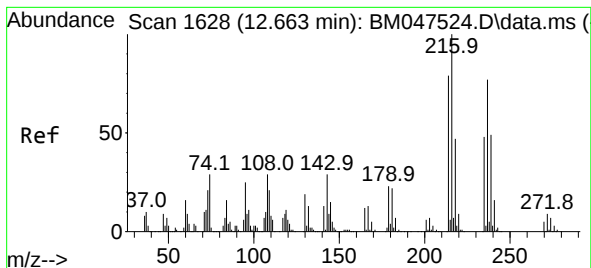


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.546 ng
RT: 12.680 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



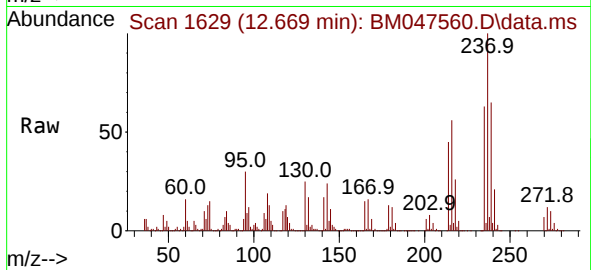
Tgt Ion:216 Resp: 1027061
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.6
179 22.5 17.5 26.3
108 29.3 18.6 28.0#





#41
Hexachlorocyclopentadiene
Concen: 209.783 ng
RT: 12.669 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

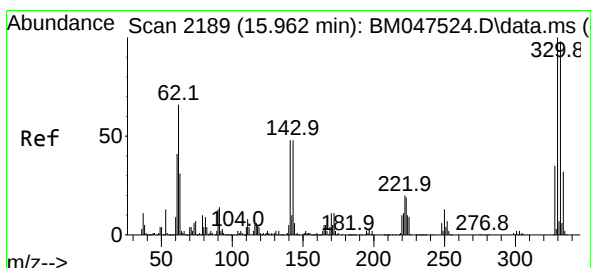
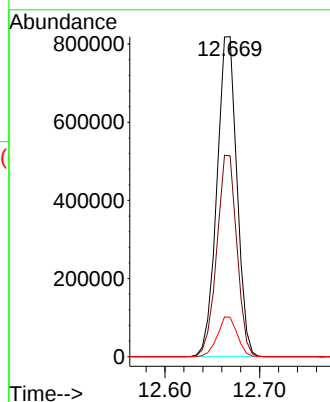
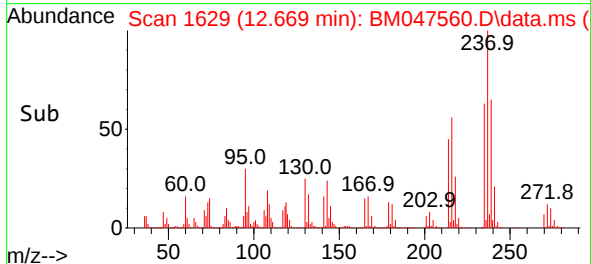
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



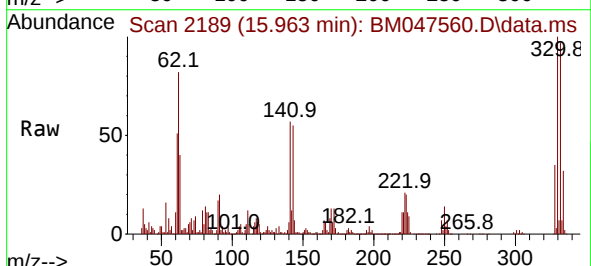
Tgt Ion: 237 Resp: 120309
Ion Ratio Lower Upper
237 100
235 62.7 42.0 82.0
272 12.3 0.0 31.5

Manual Integrations
APPROVED

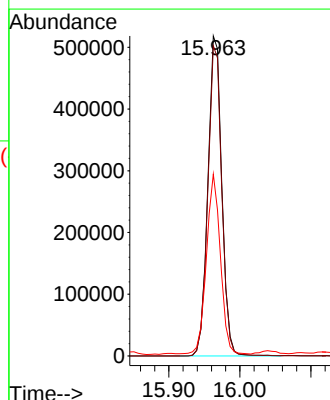
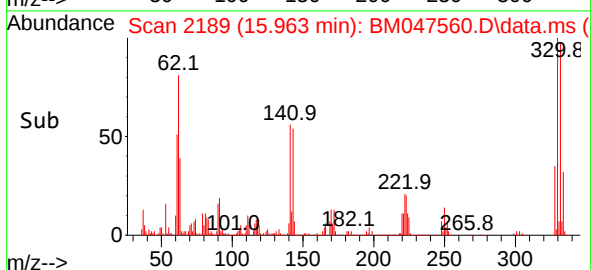
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

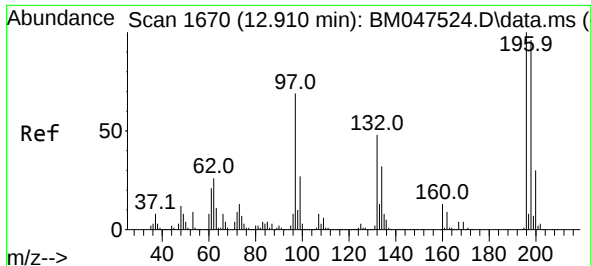


#42
2,4,6-Tribromophenol
Concen: 112.984 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion: 330 Resp: 708013
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 56.1 42.2 63.2





#43
2,4,6-Trichlorophenol
Concen: 58.401 ng
RT: 12.916 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

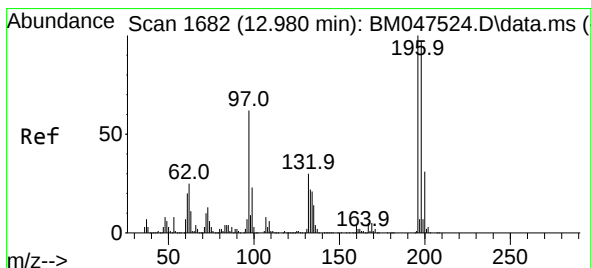
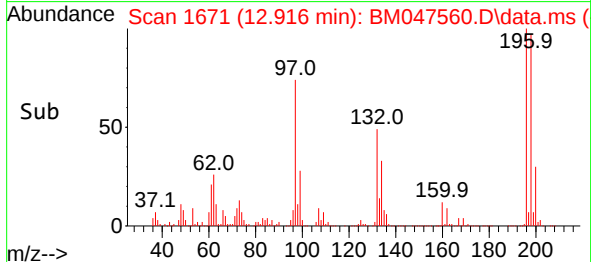
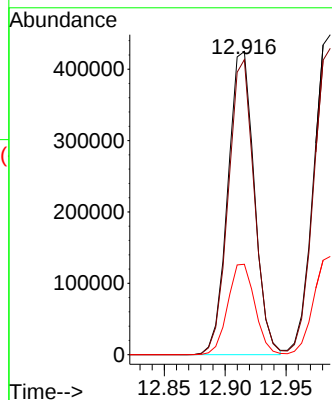
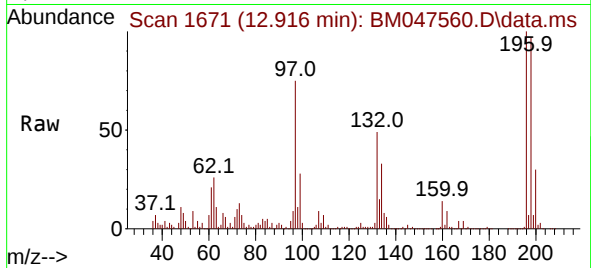
COMP-2MSD

Tgt Ion:196 Resp: 641850
Ion Ratio Lower Upper
196 100
198 97.3 76.9 115.3
200 29.8 24.3 36.5

Manual Integrations

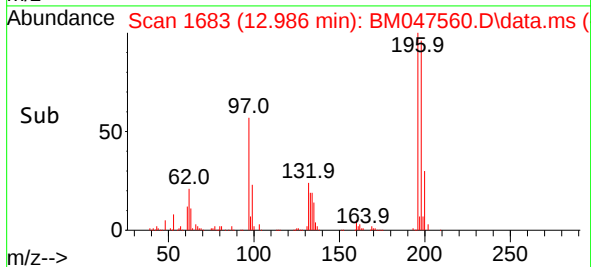
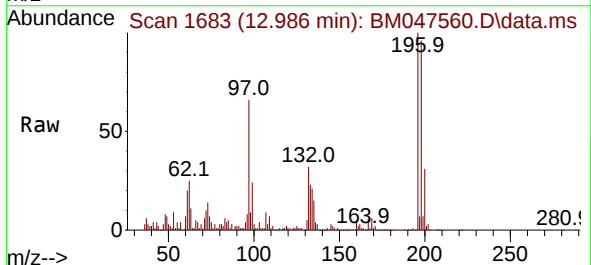
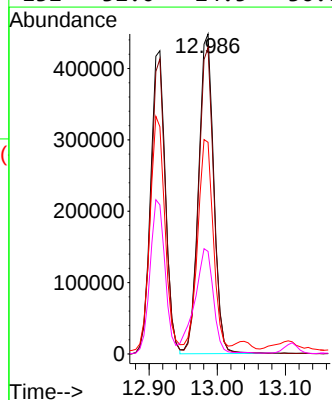
APPROVED

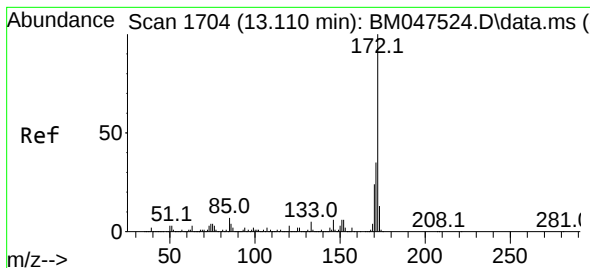
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#44
2,4,5-Trichlorophenol
Concen: 56.084 ng
RT: 12.986 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion:196 Resp: 696216
Ion Ratio Lower Upper
196 100
198 95.8 77.4 116.2
97 66.2 49.8 74.8
132 32.0 24.5 36.7





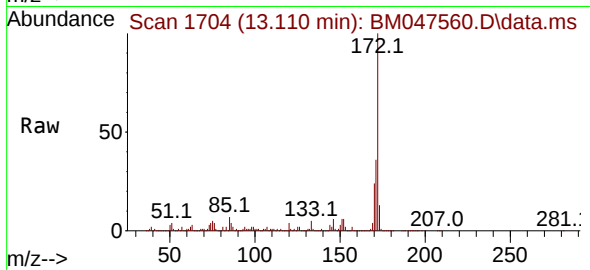
#45
2-Fluorobiphenyl
Concen: 78.488 ng
RT: 13.110 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



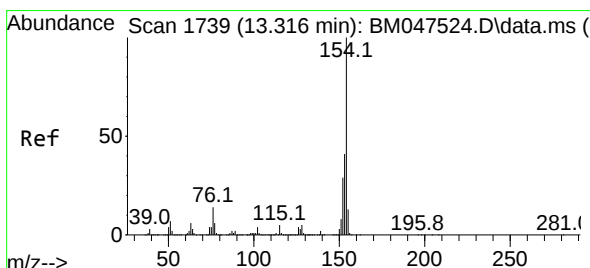
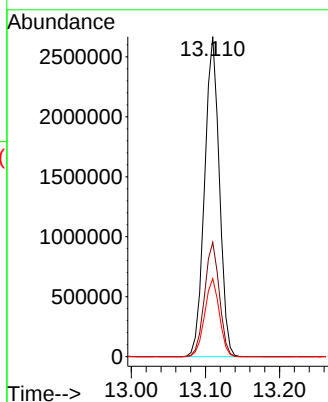
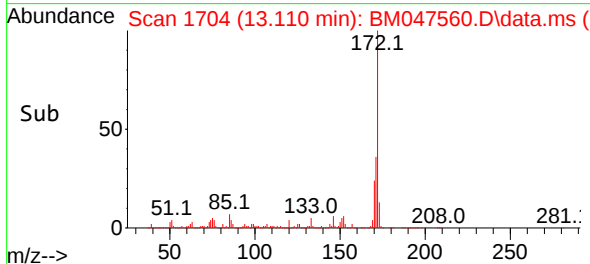
Tgt Ion:172 Resp: 3693924
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.4 19.4 29.0

Manual Integrations

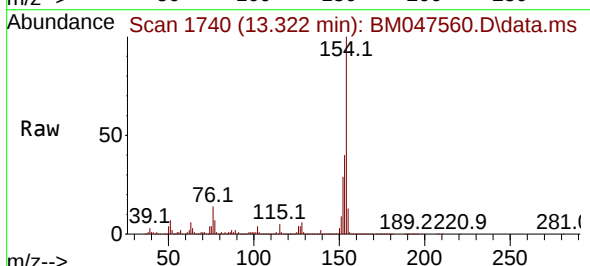
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

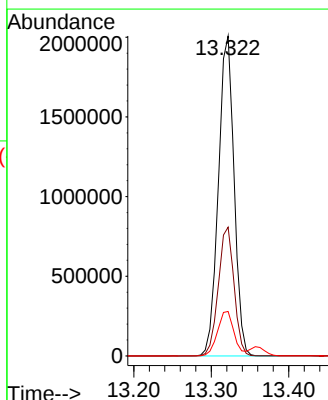
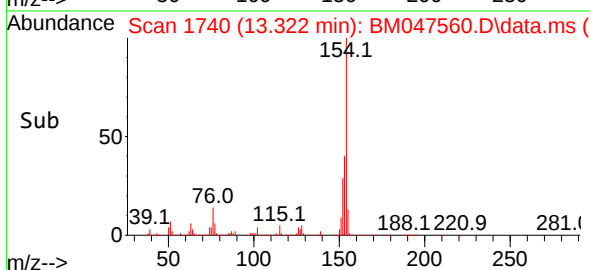
Supervised By :mohammad ahmed 09/20/2024

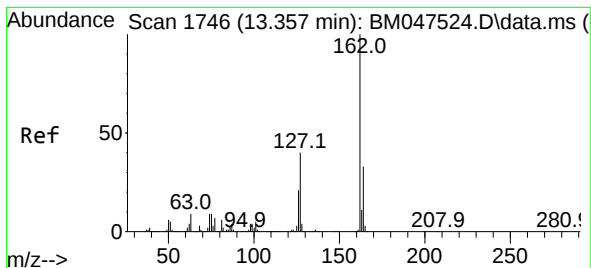


#46
1,1'-Biphenyl
Concen: 56.165 ng
RT: 13.322 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



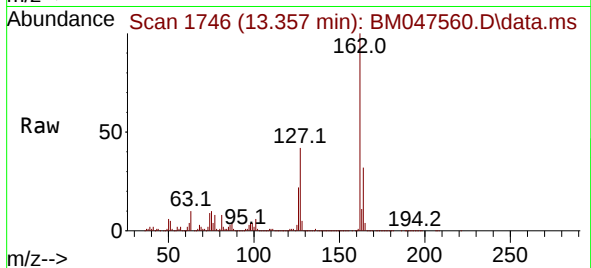
Tgt Ion:154 Resp: 2833052
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 13.9 0.0 33.9





#47
2-Chloronaphthalene
Concen: 54.559 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

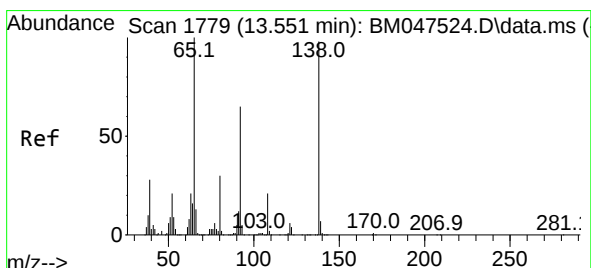
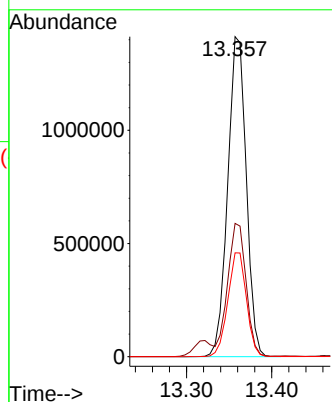
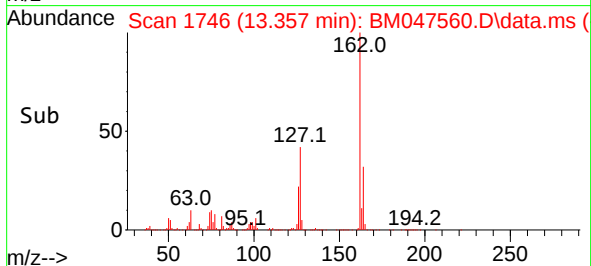
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



Tgt Ion:162 Resp: 213691
Ion Ratio Lower Upper
162 100
127 41.6 32.2 48.4
164 32.4 26.3 39.5

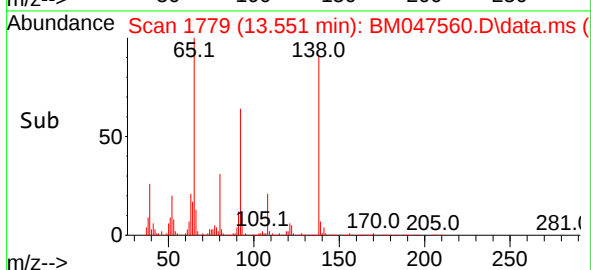
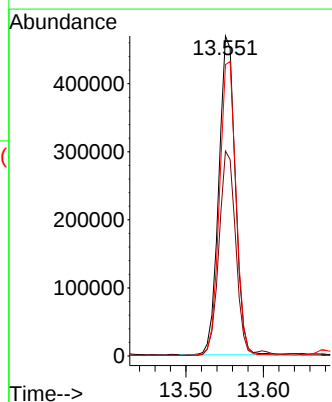
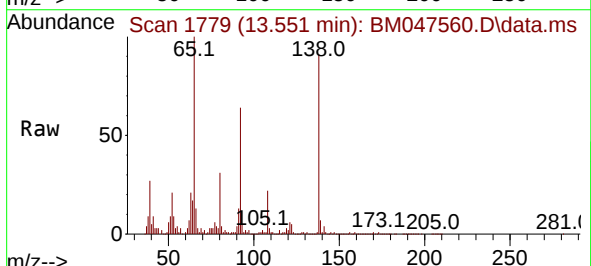
Manual Integrations
APPROVED

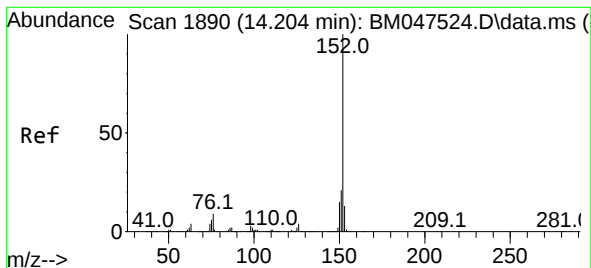
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#48
2-Nitroaniline
Concen: 60.199 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion: 65 Resp: 692530
Ion Ratio Lower Upper
65 100
92 64.0 51.9 77.9
138 91.1 78.5 117.7





#49

Acenaphthylene

Concen: 59.888 ng

RT: 14.204 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BM047560.D

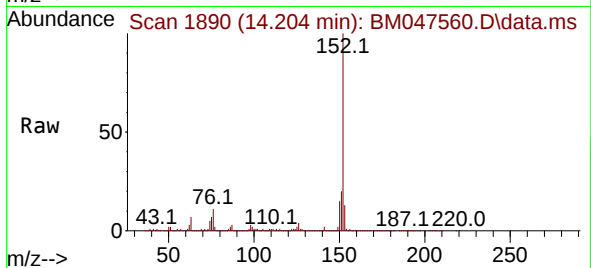
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



Tgt Ion:152 Resp: 338488

Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7

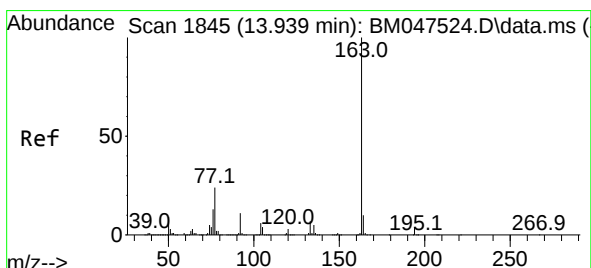
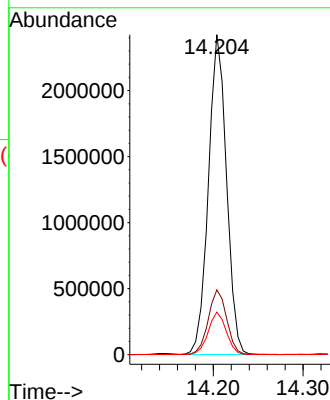
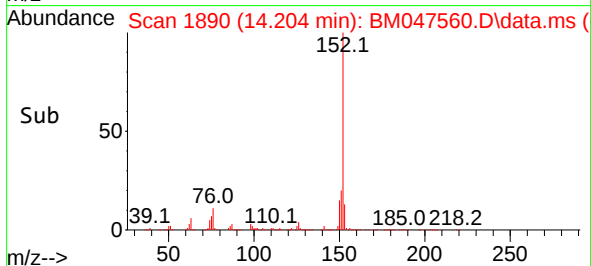
153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#50

Dimethylphthalate

Concen: 53.511 ng

RT: 13.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

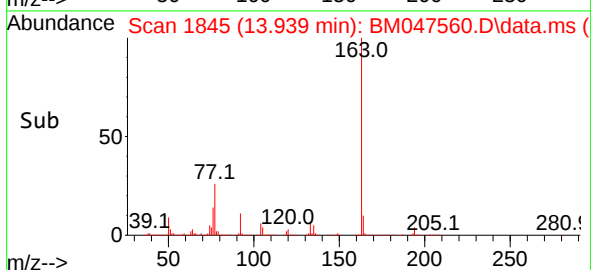
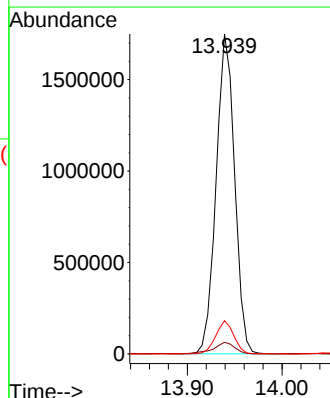
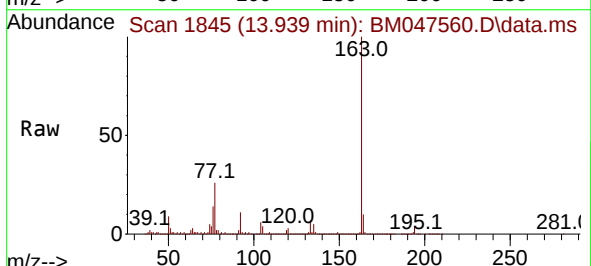
Tgt Ion:163 Resp: 2364508

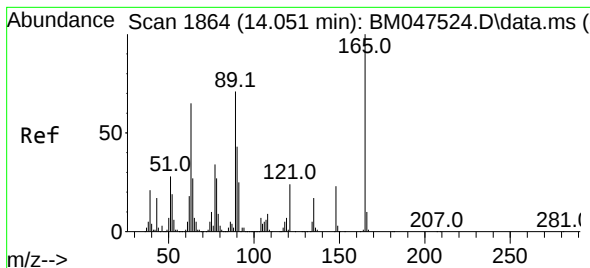
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 10.4 7.9 11.9





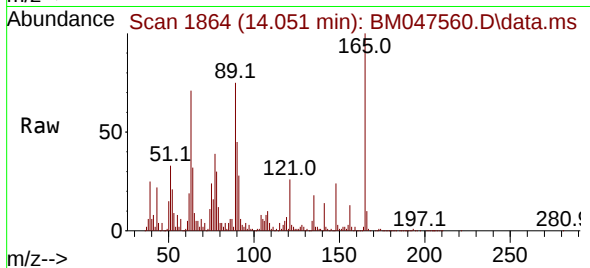
#51
2,6-Dinitrotoluene
Concen: 51.660 ng
RT: 14.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

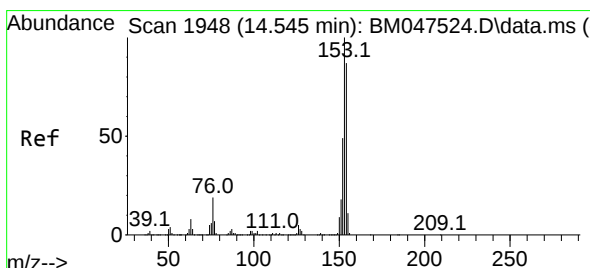
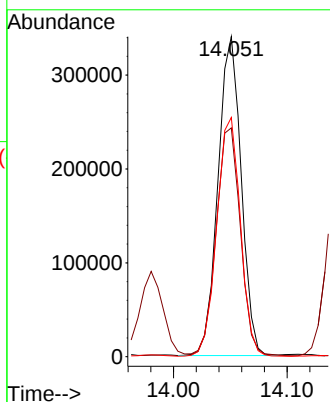
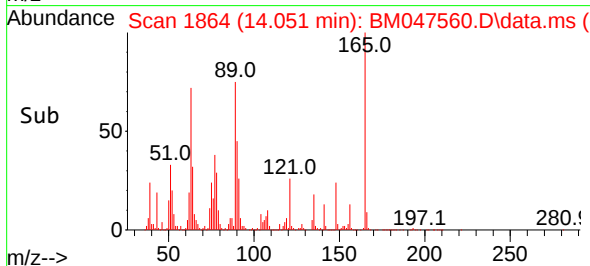


Tgt Ion:165 Resp: 48189
Ion Ratio Lower Upper
165 100
63 71.5 54.2 81.2
89 74.7 56.4 84.6

Manual Integrations

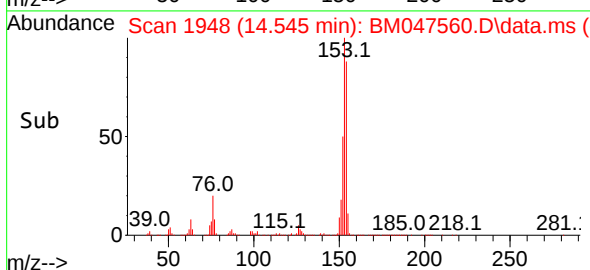
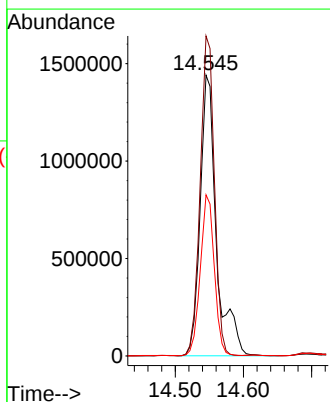
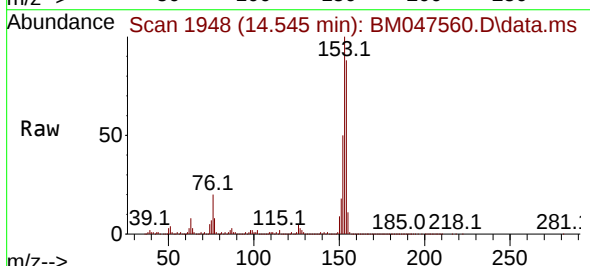
APPROVED

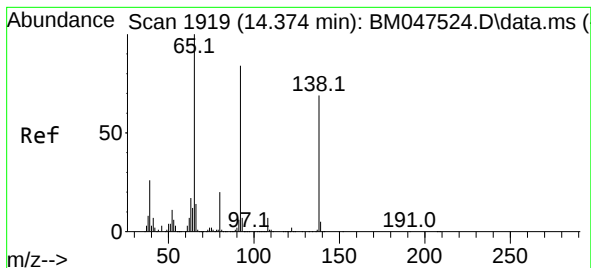
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#52
Acenaphthene
Concen: 60.399 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

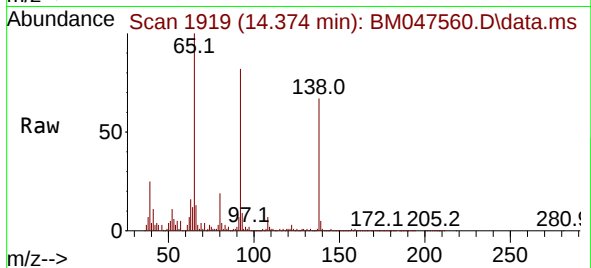
Tgt Ion:154 Resp: 2391946
Ion Ratio Lower Upper
154 100
153 114.0 92.2 138.2
152 57.4 45.4 68.0





#53
3-Nitroaniline
Concen: 39.771 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

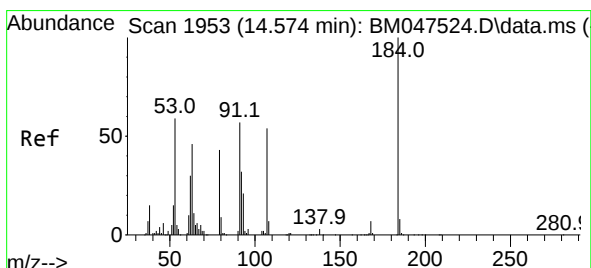
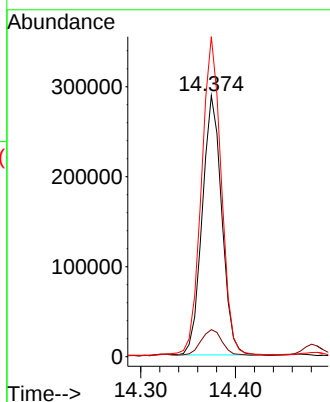
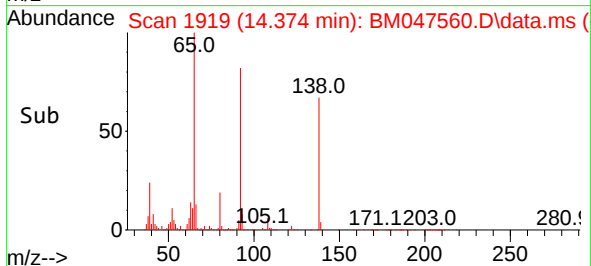
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



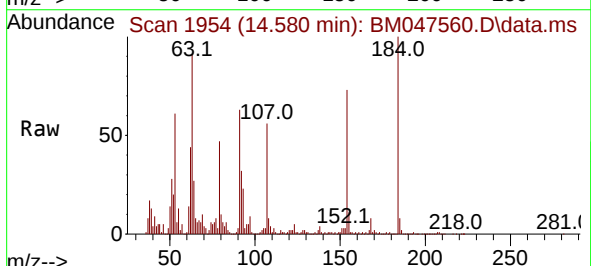
Tgt Ion:138 Resp: 41235
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 122.5 97.4 146.0

Manual Integrations
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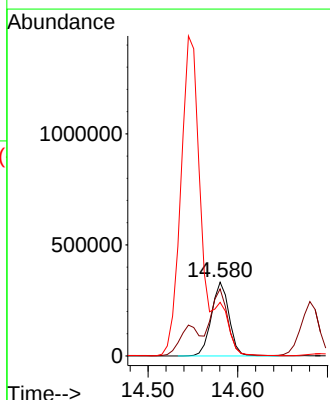
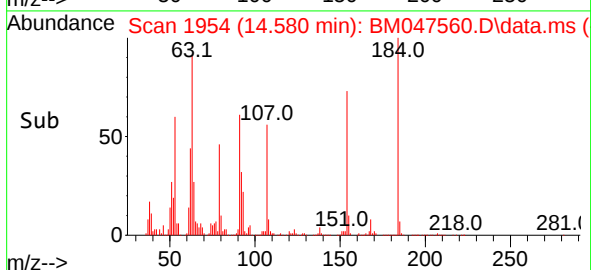
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

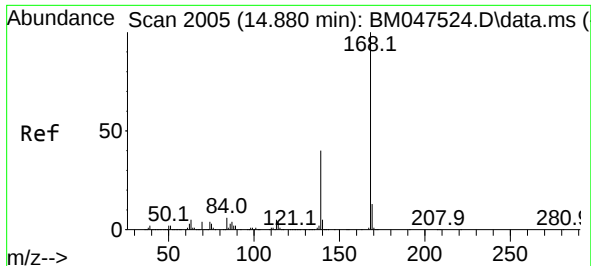


#54
2,4-Dinitrophenol
Concen: 84.516 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



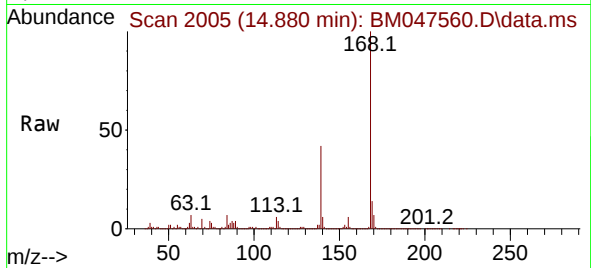
Tgt Ion:184 Resp: 454463
Ion Ratio Lower Upper
184 100
63 91.0 69.4 104.0
154 72.8 60.4 90.6





#55
Dibenzenofuran
Concen: 53.942 ng
RT: 14.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

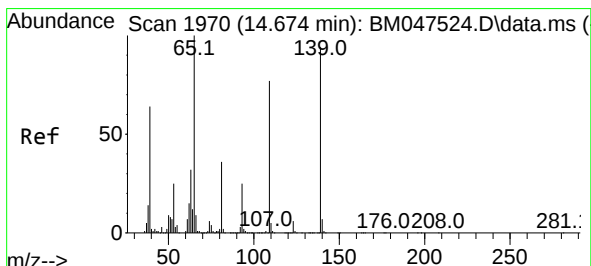
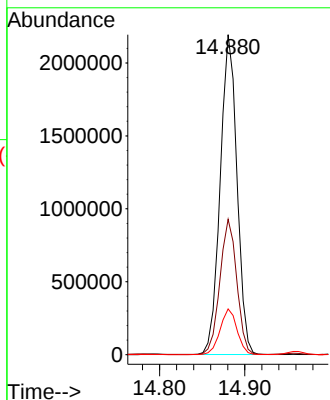
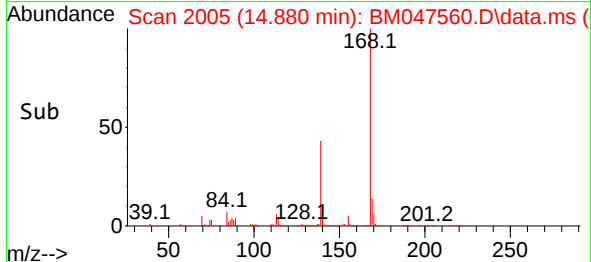
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



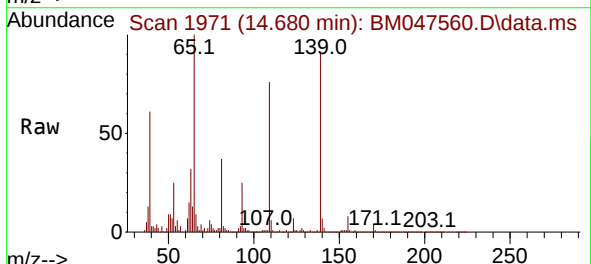
Tgt Ion:168 Resp: 3001864
Ion Ratio Lower Upper
168 100
139 42.3 31.9 47.9
169 14.3 10.5 15.7

Manual Integrations
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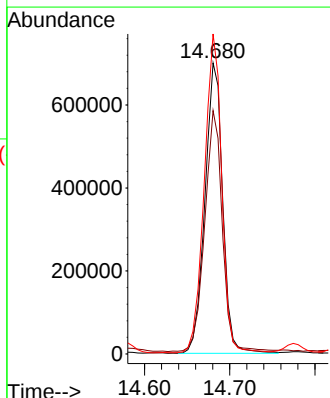
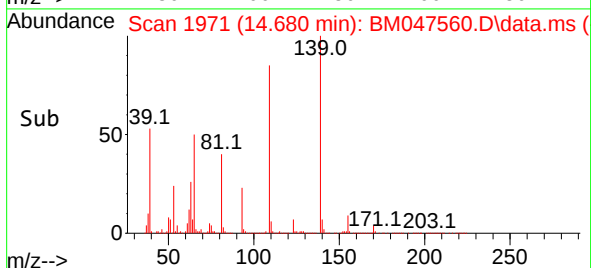
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

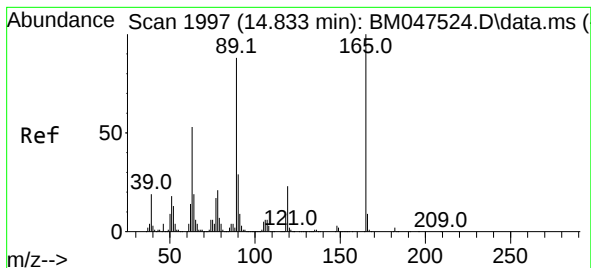


#56
4-Nitrophenol
Concen: 118.458 ng
RT: 14.680 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion:139 Resp: 1010667
Ion Ratio Lower Upper
139 100
109 83.6 62.0 102.0
65 110.0 87.0 127.0





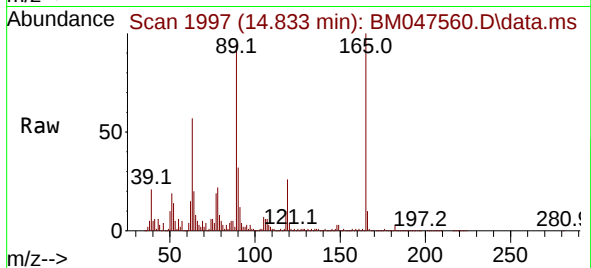
#57
2,4-Dinitrotoluene
Concen: 51.301 ng
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

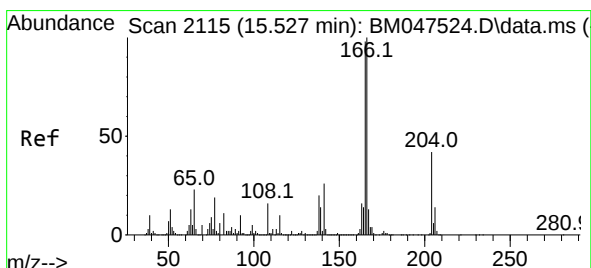
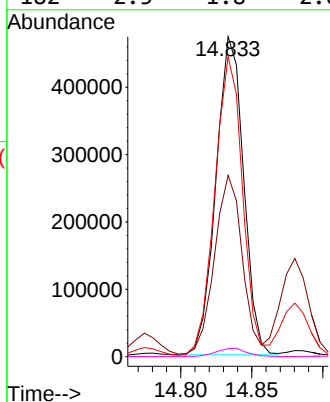
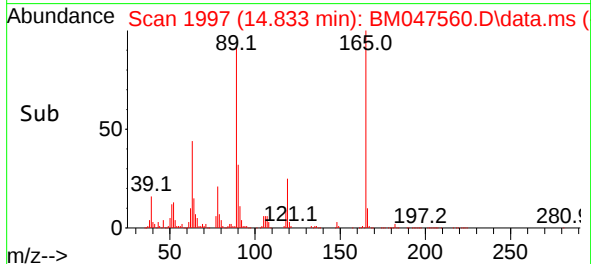


Tgt Ion:165 Resp: 638228
Ion Ratio Lower Upper
165 100
63 56.6 42.4 63.6
89 93.8 70.5 105.7
182 2.5 1.8 2.6

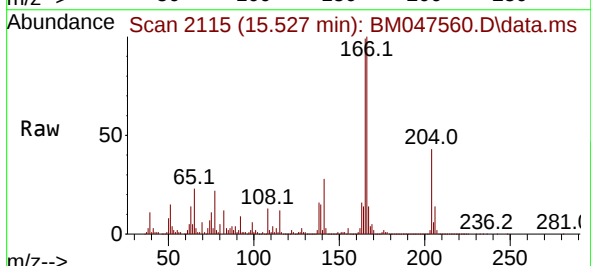
Manual Integrations

APPROVED

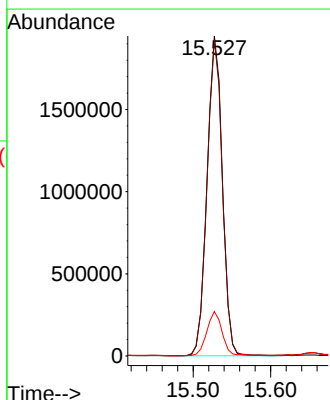
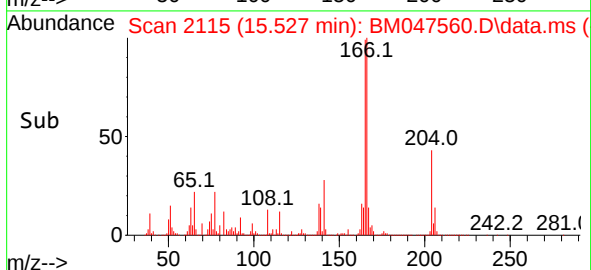
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

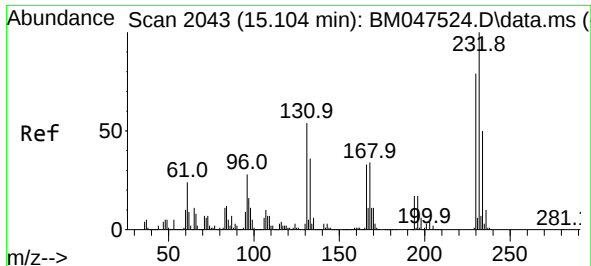


#58
Fluorene
Concen: 53.216 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion:166 Resp: 2666295
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 13.9 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.757 ng m

RT: 15.104 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BM047560.D

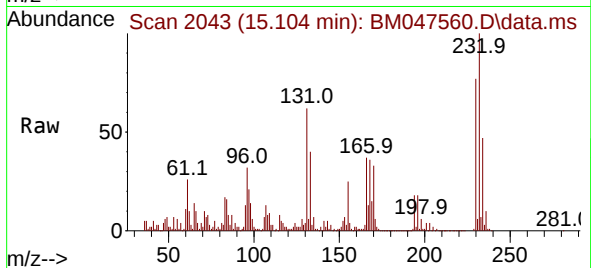
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



Tgt Ion:232 Resp: 510608

Ion Ratio Lower Upper

232 100

131 58.6 47.0 70.4

130 3.9 2.6 3.8

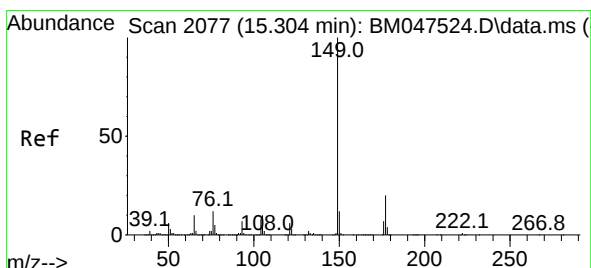
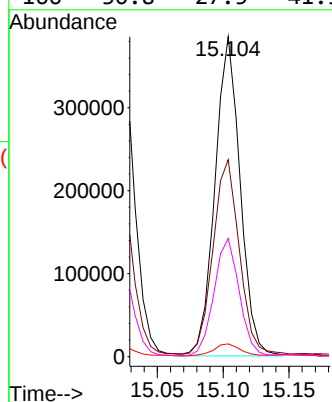
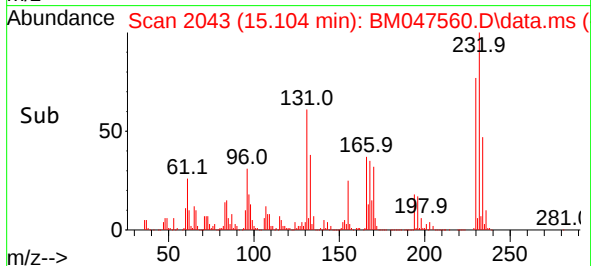
166 30.8 27.5 41.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#60

Diethylphthalate

Concen: 52.510 ng

RT: 15.304 min Scan# 2077

Delta R.T. 0.000 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

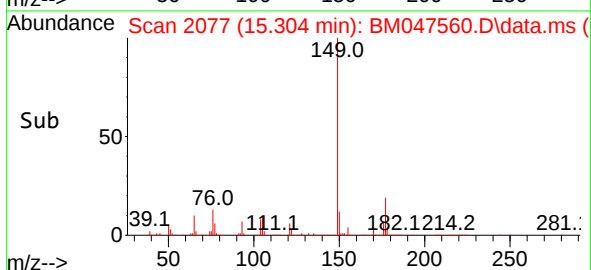
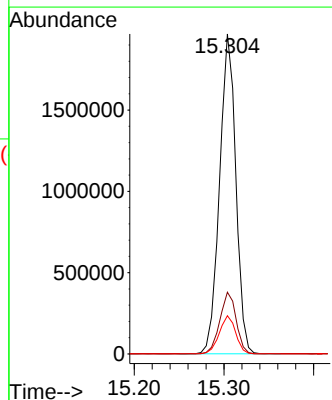
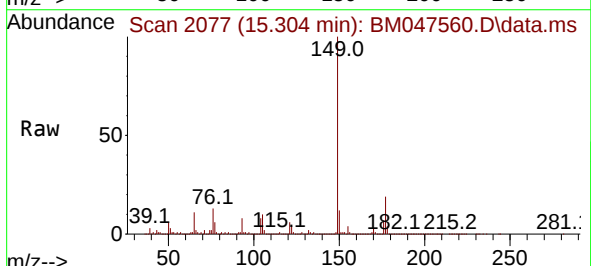
Tgt Ion:149 Resp: 2469406

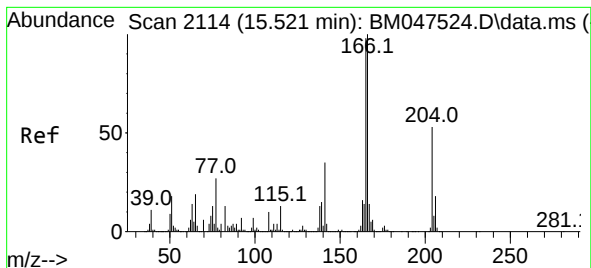
Ion Ratio Lower Upper

149 100

177 19.3 15.8 23.8

150 11.9 9.7 14.5





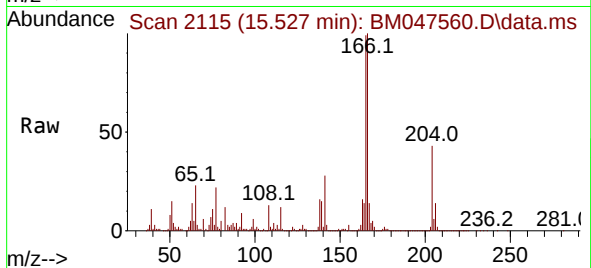
#61
4-Chlorophenyl-phenylether
Concen: 50.362 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

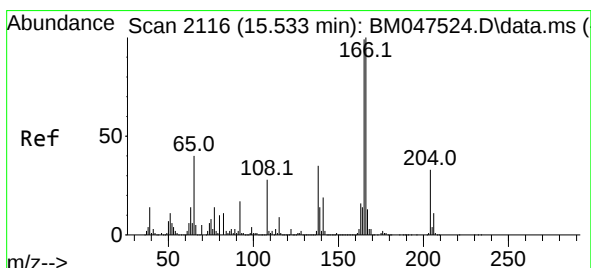
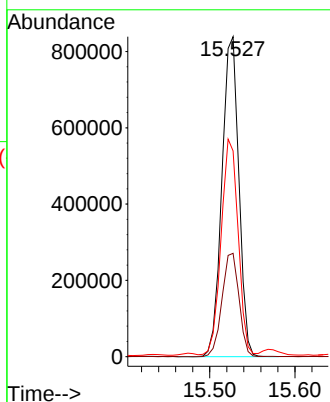
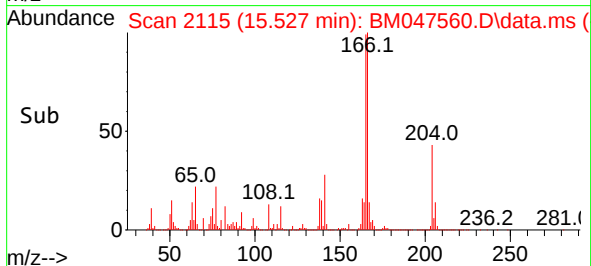


Tgt Ion:204 Resp: 1153754
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 64.3 52.1 78.1

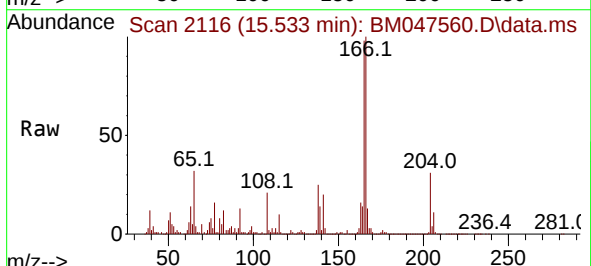
Manual Integrations

APPROVED

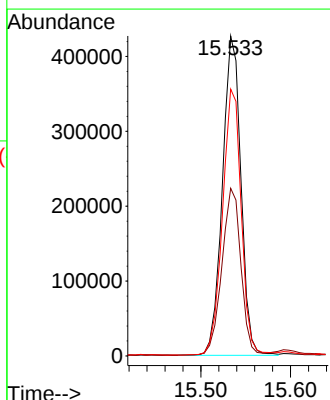
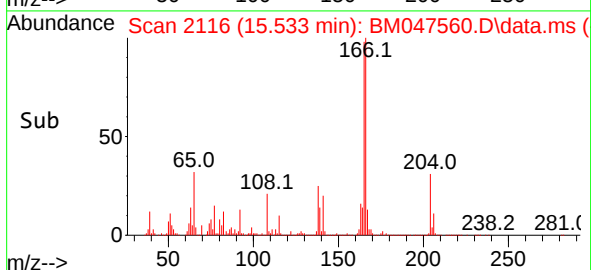
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

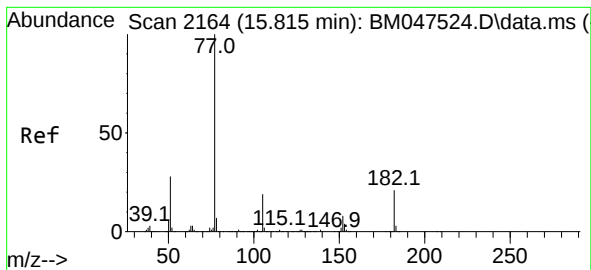


#62
4-Nitroaniline
Concen: 50.044 ng
RT: 15.533 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



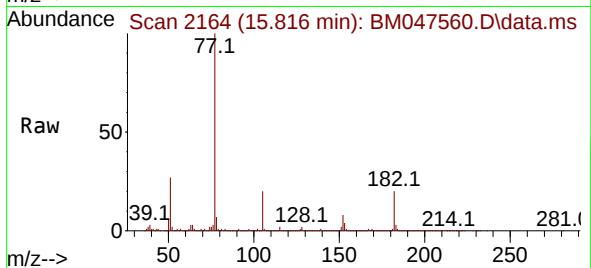
Tgt Ion:138 Resp: 609919
Ion Ratio Lower Upper
138 100
92 52.4 30.0 70.0
108 83.4 61.7 101.7





#63
Azobenzene
Concen: 59.746 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

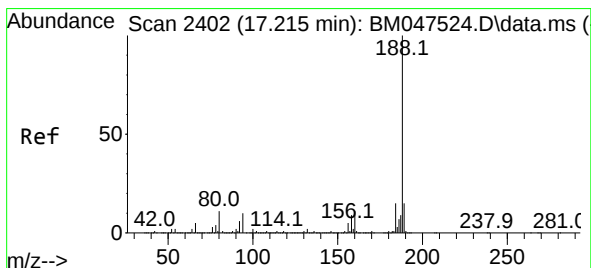
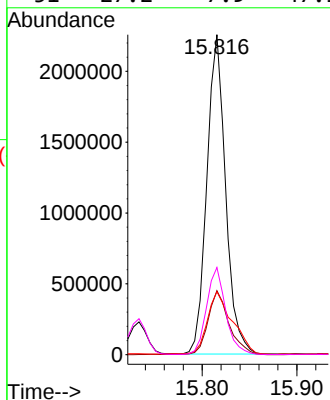
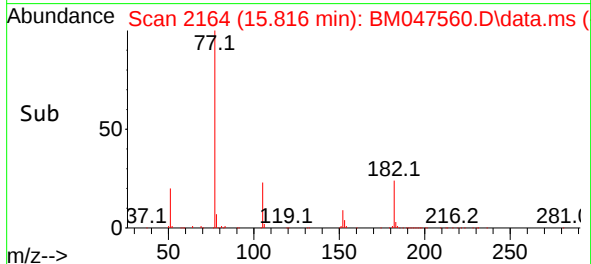
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



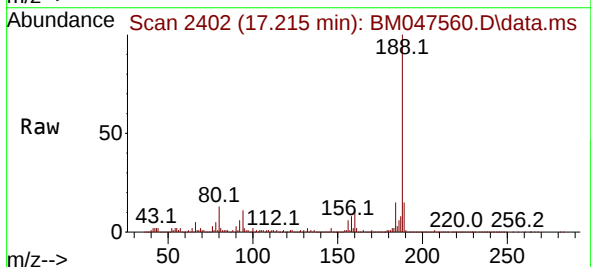
Tgt Ion: 77 Resp: 3093784
Ion Ratio Lower Upper
77 100
182 20.0 1.2 41.2
105 19.7 0.0 39.4
51 27.2 7.9 47.9

Manual Integrations
APPROVED

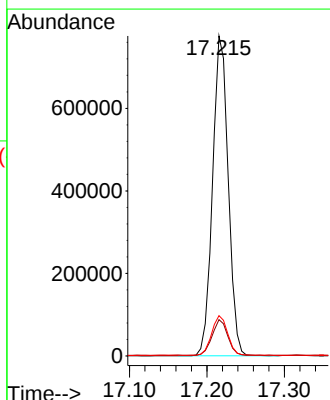
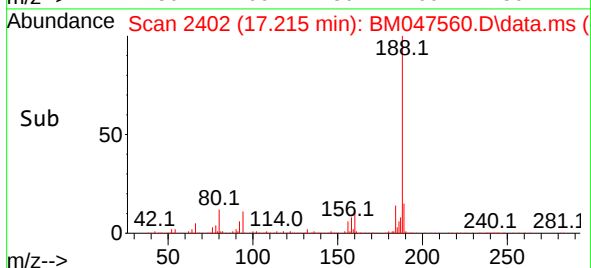
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

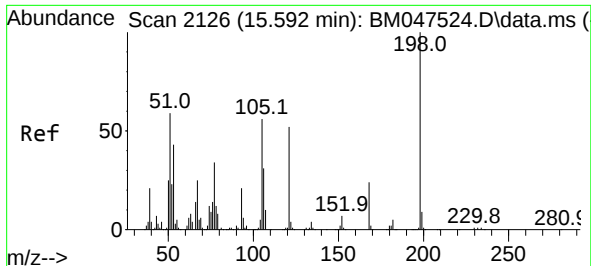


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



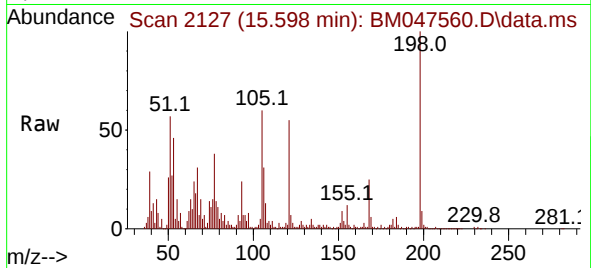
Tgt Ion:188 Resp: 1085640
Ion Ratio Lower Upper
188 100
94 11.3 8.4 12.6
80 12.6 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 48.040 ng
RT: 15.598 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

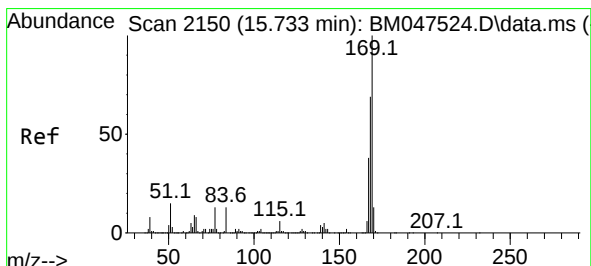
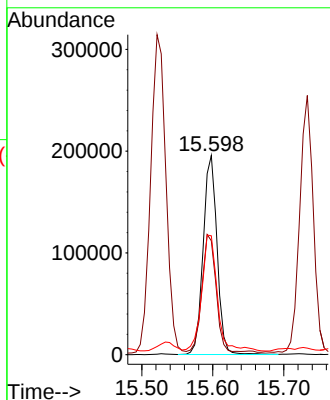
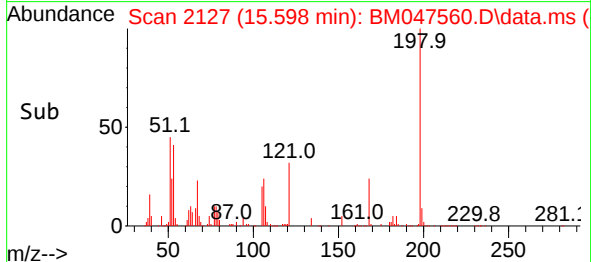
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



Tgt Ion:198 Resp: 265684
Ion Ratio Lower Upper
198 100
51 57.1 41.5 81.5
105 59.6 36.4 76.4

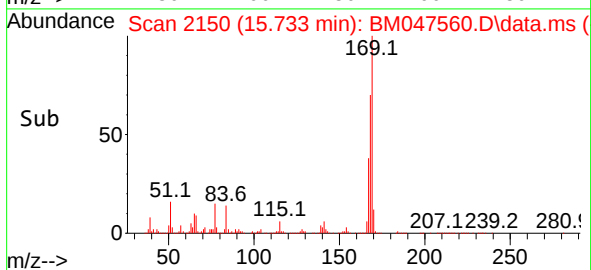
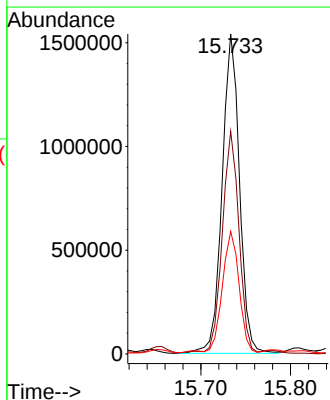
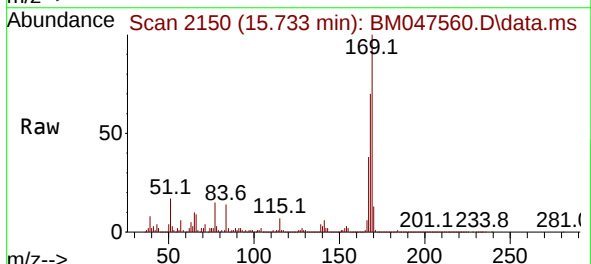
Manual Integrations
APPROVED

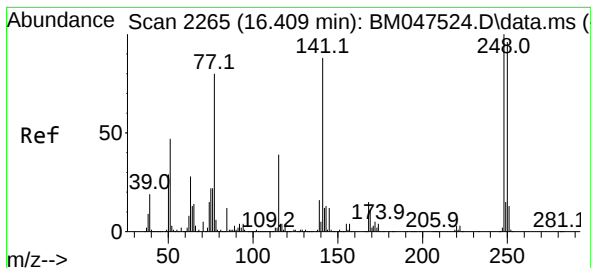
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#66
n-Nitrosodiphenylamine
Concen: 62.345 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion:169 Resp: 2070606
Ion Ratio Lower Upper
169 100
168 69.6 55.3 82.9
167 38.3 30.5 45.7





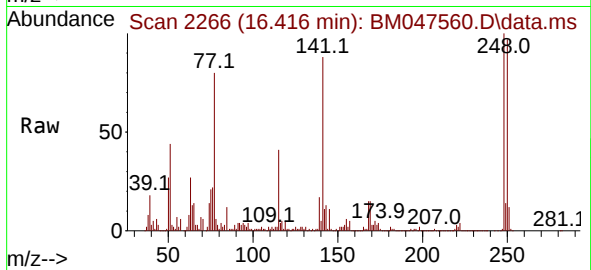
#67
4-Bromophenyl-phenylether
Concen: 55.859 ng
RT: 16.416 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

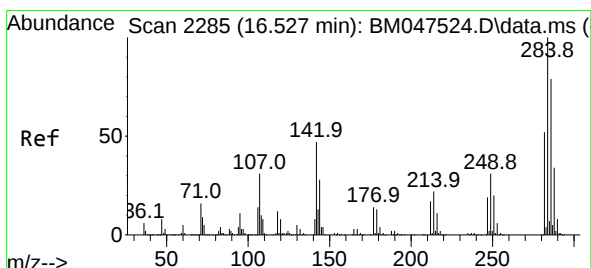
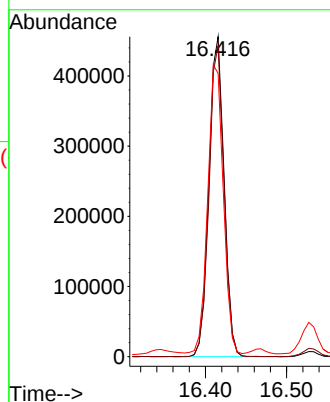
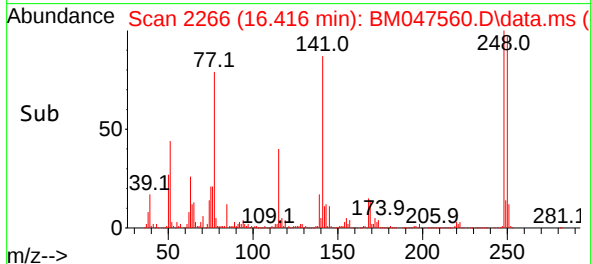


Tgt Ion:248 Resp: 58924
Ion Ratio Lower Upper
248 100
250 97.1 76.9 115.3
141 88.5 70.8 106.2

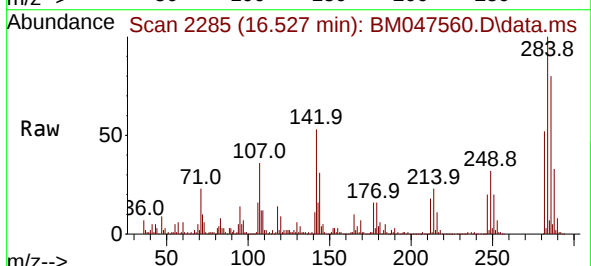
Manual Integrations

APPROVED

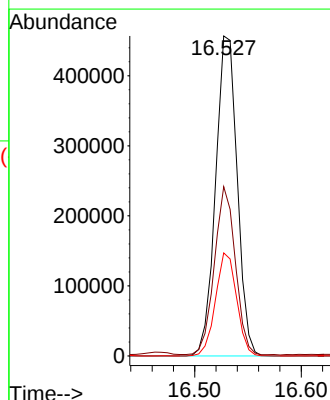
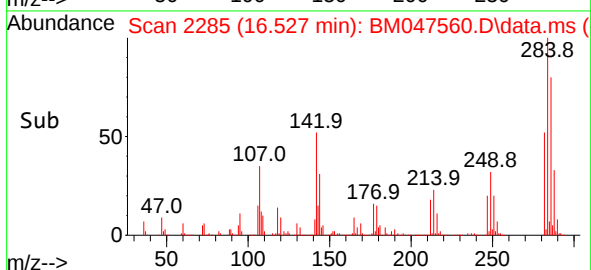
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

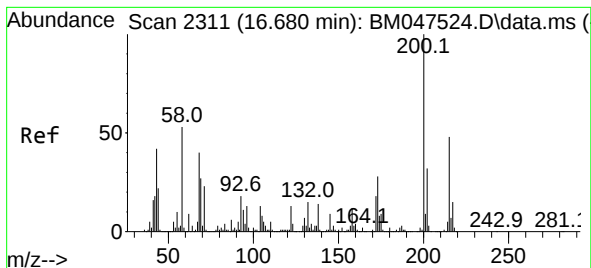


#68
Hexachlorobenzene
Concen: 53.808 ng
RT: 16.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion:284 Resp: 643026
Ion Ratio Lower Upper
284 100
142 52.9 37.3 55.9
249 32.2 24.5 36.7





#69

Atrazine

Concen: 61.046 ng

RT: 16.680 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

Tgt Ion:200 Resp: 56036

Ion Ratio Lower Upper

200 100

173 29.1 7.7 47.7

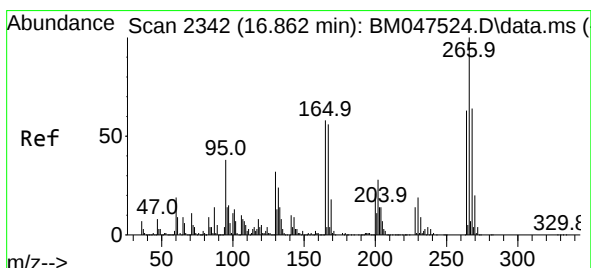
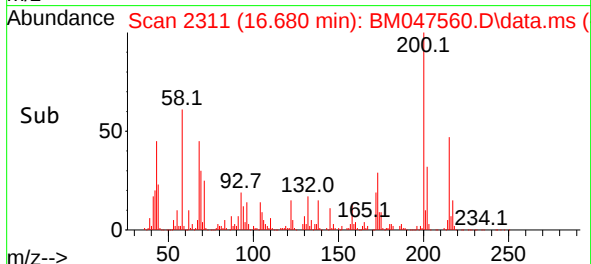
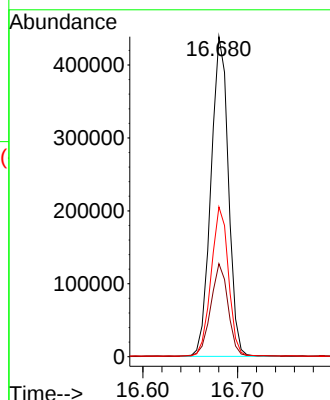
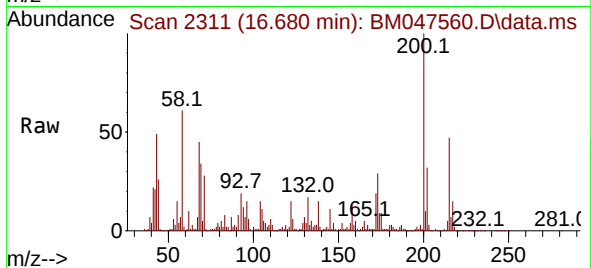
215 46.8 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#70

Pentachlorophenol

Concen: 122.273 ng

RT: 16.868 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

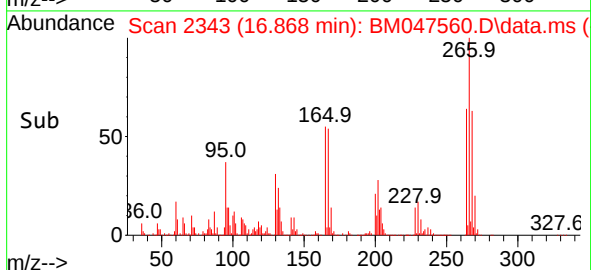
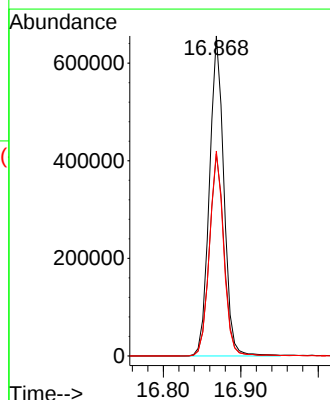
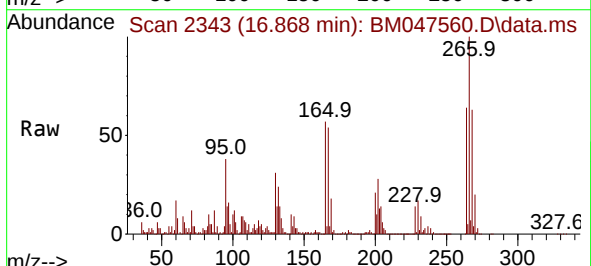
Tgt Ion:266 Resp: 847026

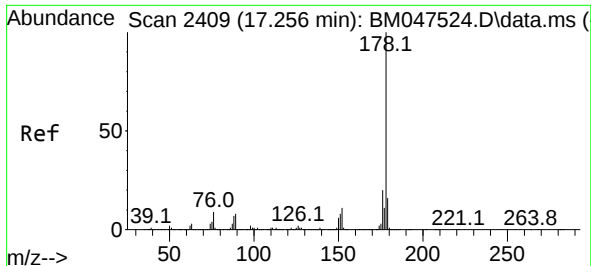
Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.4

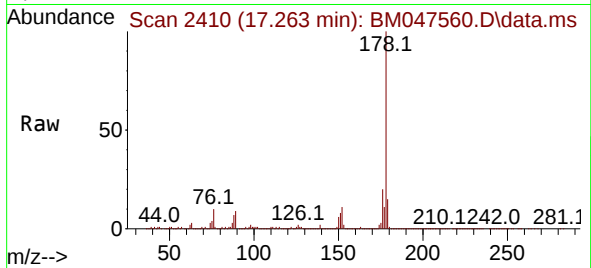
264 64.0 50.4 75.6





#71
Phenanthrene
Concen: 57.911 ng
RT: 17.263 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

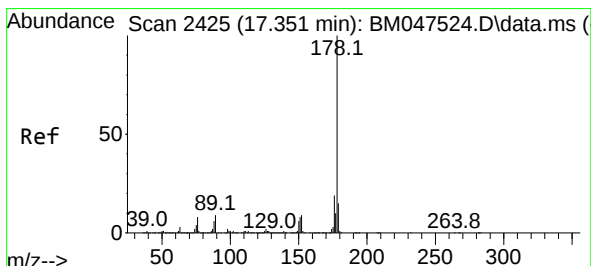
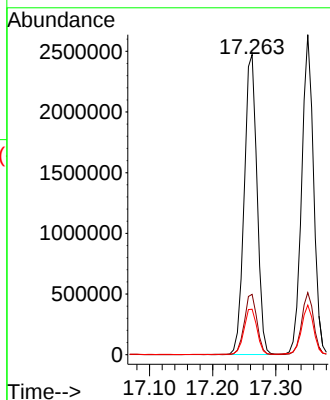
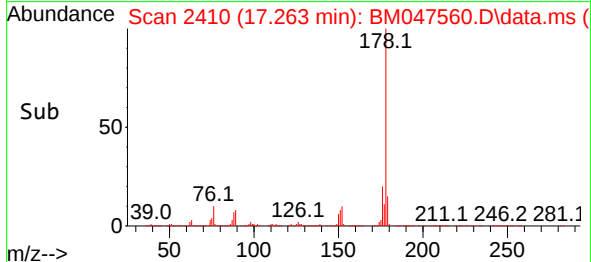
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



Tgt Ion:178 Resp: 3464780
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.2 12.4 18.6

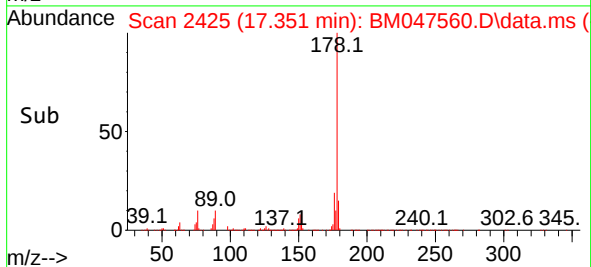
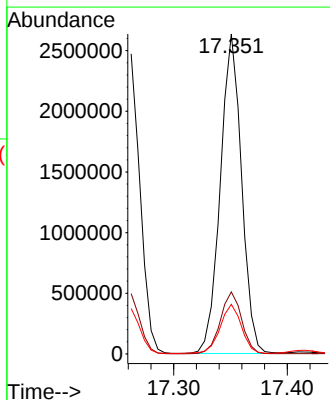
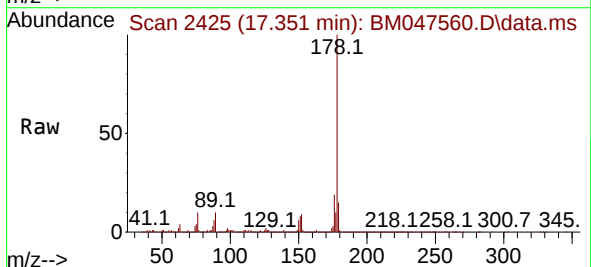
Manual Integrations
APPROVED

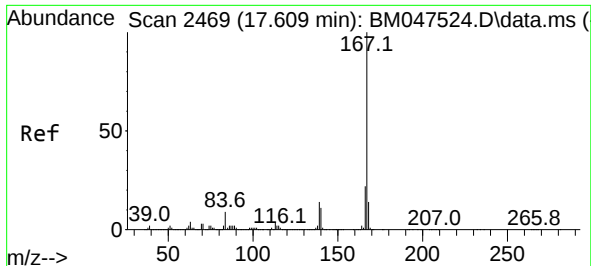
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#72
Anthracene
Concen: 59.514 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

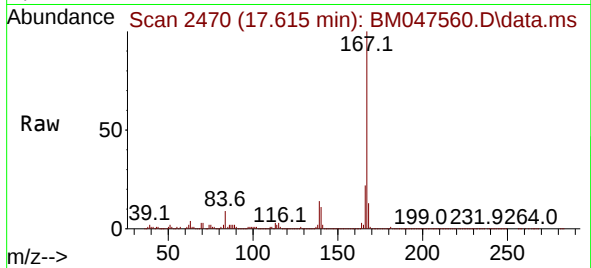
Tgt Ion:178 Resp: 3420962
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 55.233 ng
 RT: 17.615 min Scan# 2469
 Delta R.T. 0.006 min
 Lab File: BM047560.D
 Acq: 18 Sep 2024 17:46

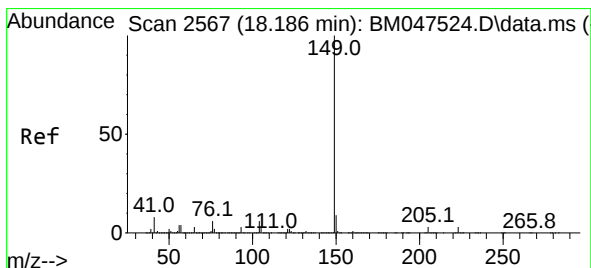
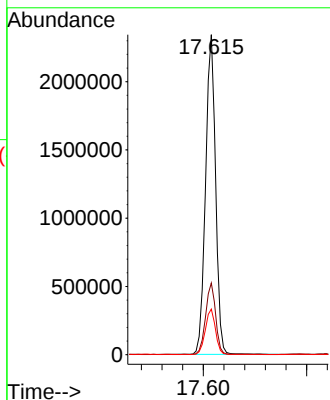
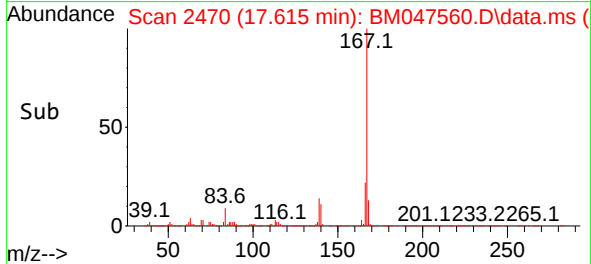
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2MSD



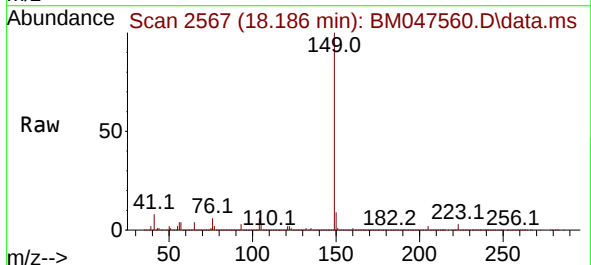
Tgt Ion:167 Resp: 3146410
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 14.2 11.0 16.6

Manual Integrations
 APPROVED

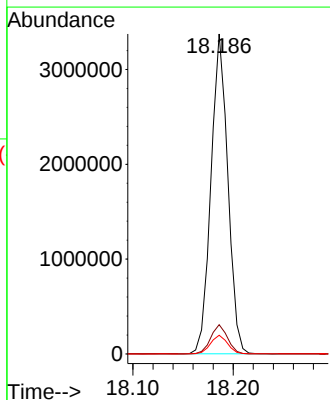
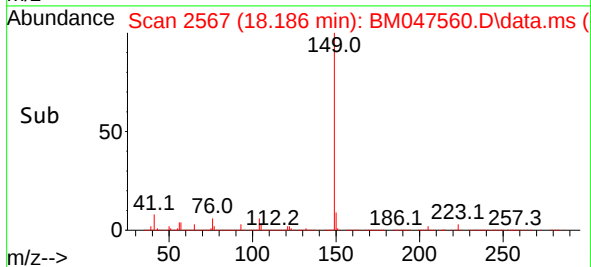
Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

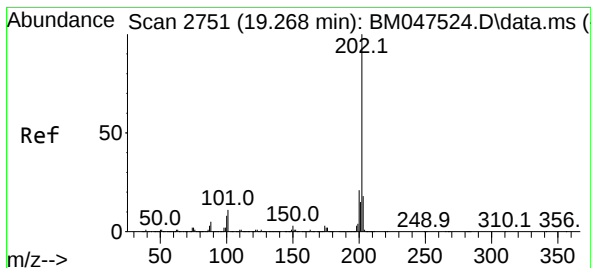


#74
 Di-n-butylphthalate
 Concen: 57.636 ng
 RT: 18.186 min Scan# 2567
 Delta R.T. 0.000 min
 Lab File: BM047560.D
 Acq: 18 Sep 2024 17:46



Tgt Ion:149 Resp: 3928425
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.9 4.6 6.8





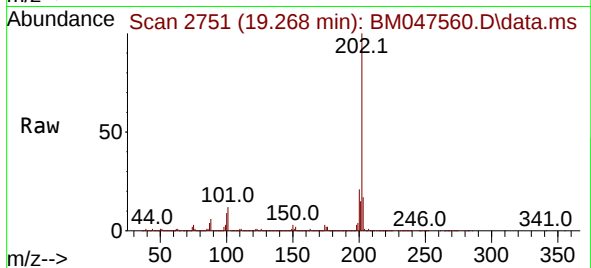
#75
Fluoranthene
Concen: 51.442 ng
RT: 19.268 min Scan# 2751
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



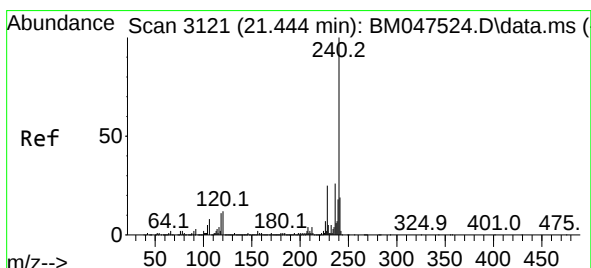
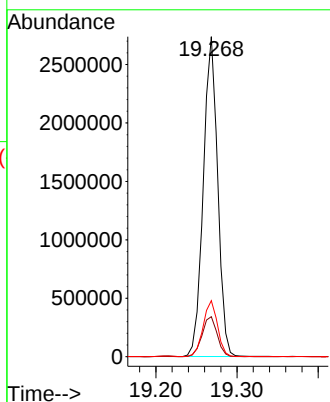
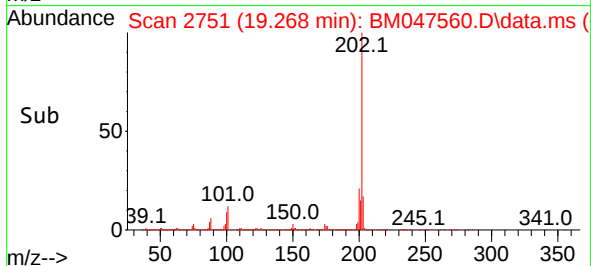
Tgt Ion:202 Resp: 335802
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.8
203 17.5 0.0 37.7

Manual Integrations

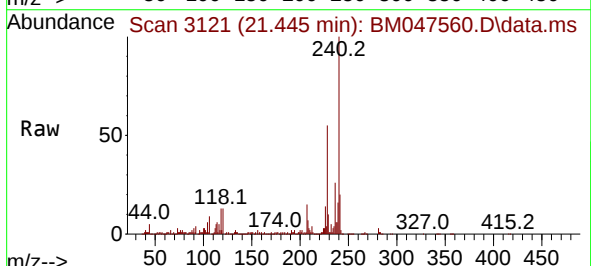
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

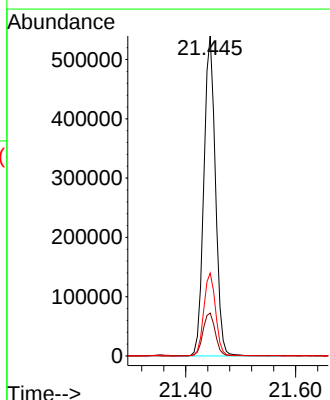
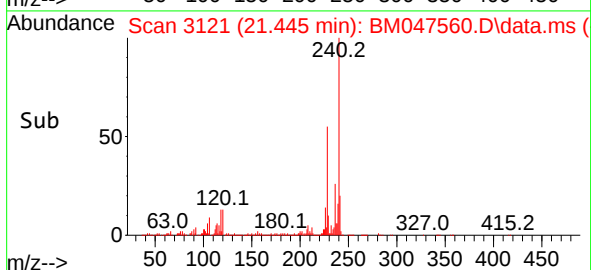
Supervised By :mohammad ahmed 09/20/2024

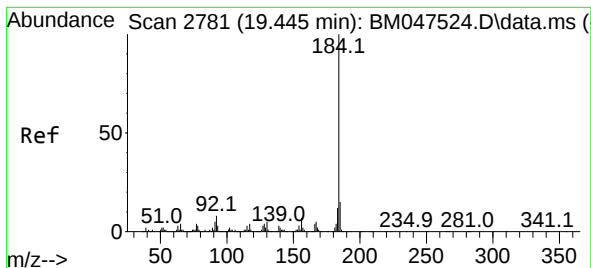


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion:240 Resp: 788877
Ion Ratio Lower Upper
240 100
120 13.4 9.6 14.4
236 25.9 20.9 31.3





#77

Benzidine

Concen: 168.420 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047560.D

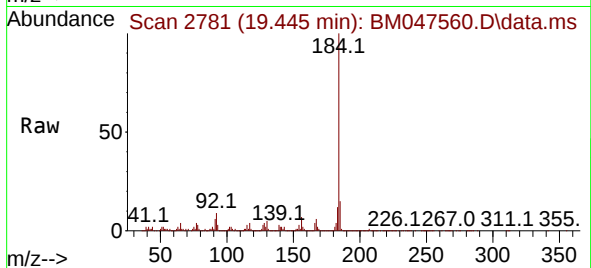
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



Tgt Ion:184 Resp: 1871200

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

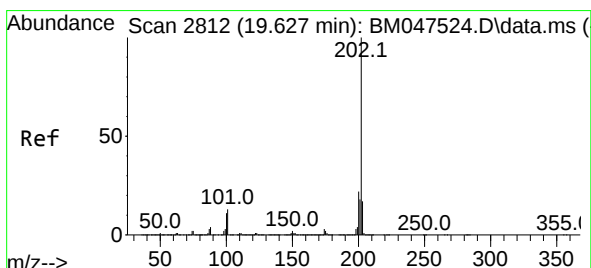
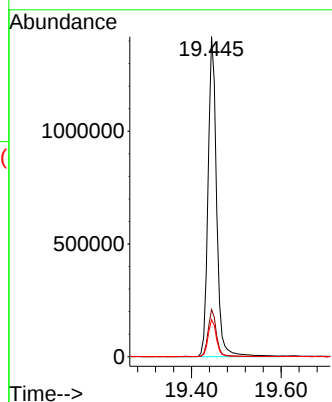
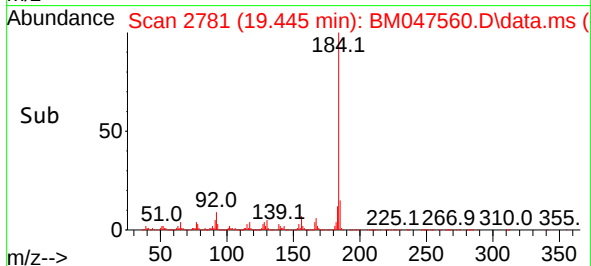
183 11.6 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#78

Pyrene

Concen: 61.603 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

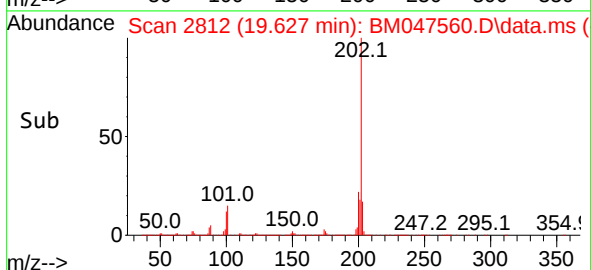
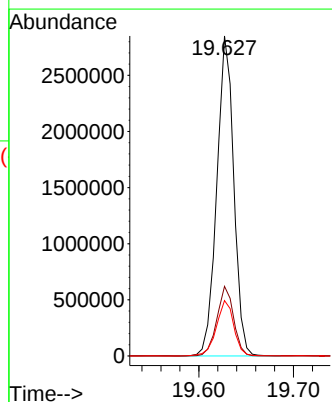
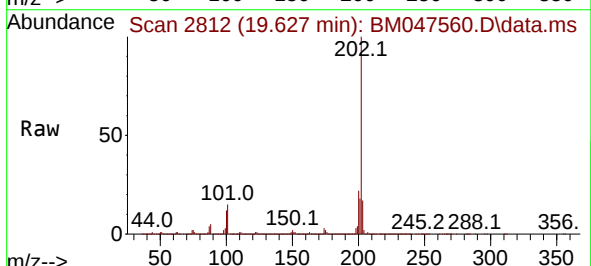
Tgt Ion:202 Resp: 3544804

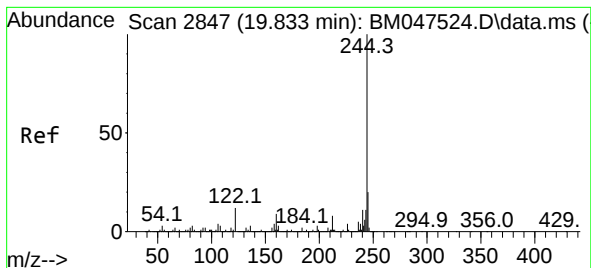
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 90.188 ng

RT: 19.833 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BM047560.D

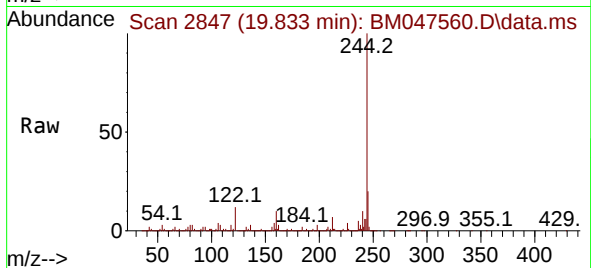
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



Tgt Ion:244 Resp: 397041

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

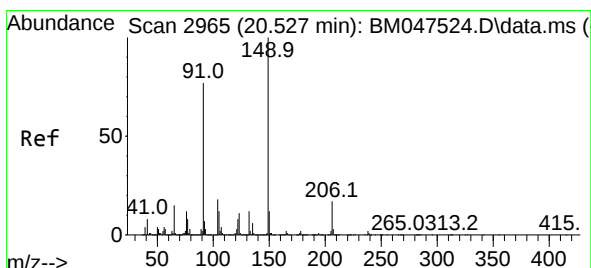
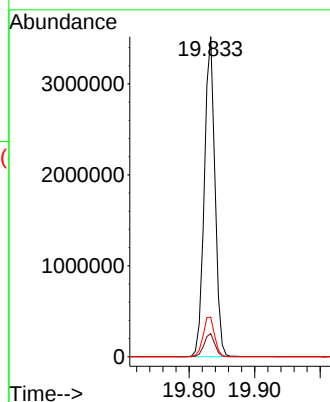
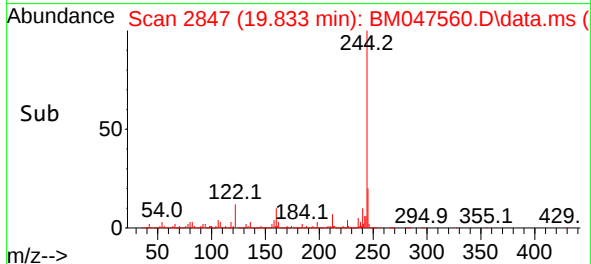
122 12.4 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#80

Butylbenzylphthalate

Concen: 67.083 ng

RT: 20.527 min Scan# 2965

Delta R.T. 0.000 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

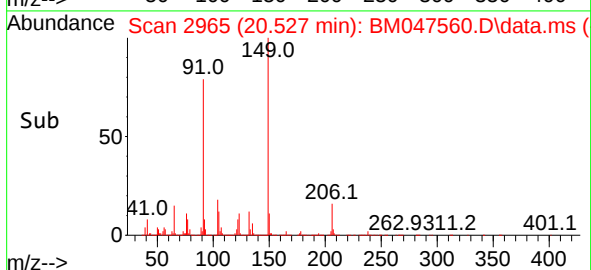
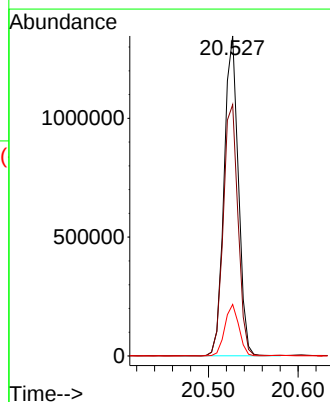
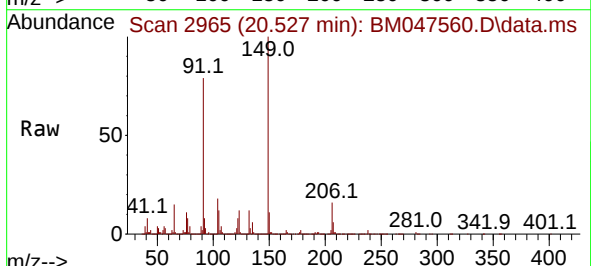
Tgt Ion:149 Resp: 1485979

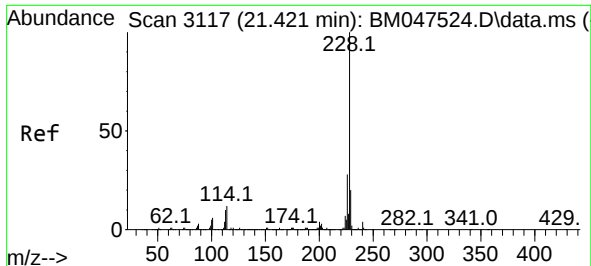
Ion Ratio Lower Upper

149 100

91 78.6 62.0 93.0

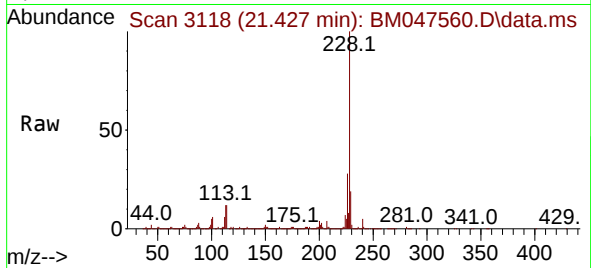
206 16.1 13.8 20.8





#81
Benzo(a)anthracene
Concen: 59.074 ng
RT: 21.427 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

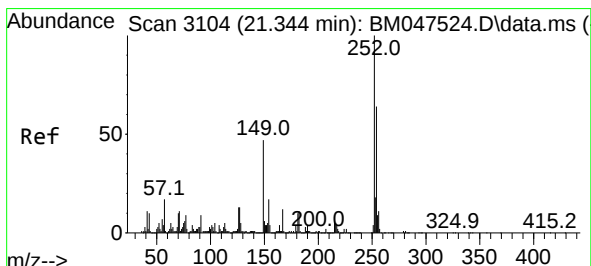
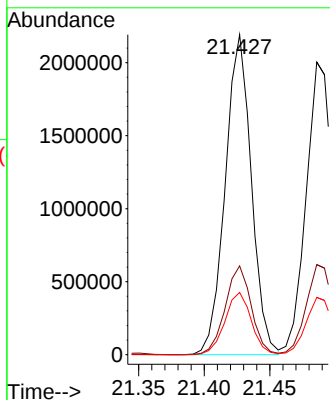
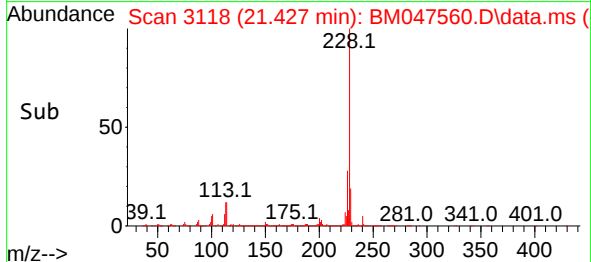
Instrument :
BNA_M
ClientSampleId :
COMP-2MSD



Tgt Ion:228 Resp: 3037554
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 19.5 16.0 24.0

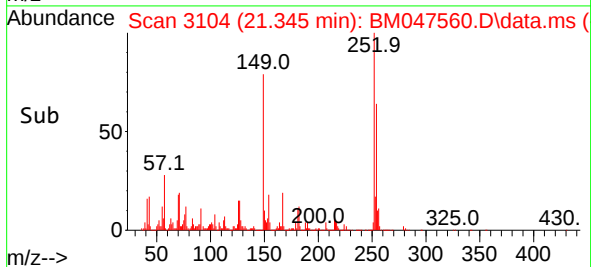
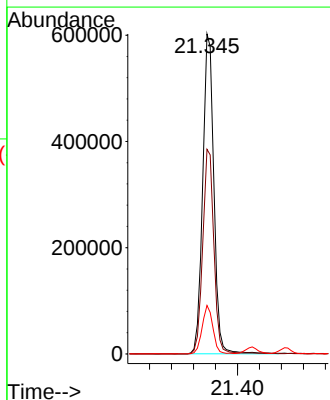
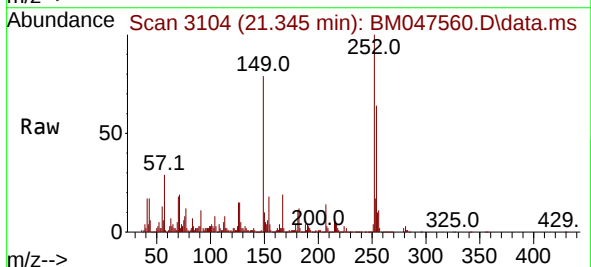
Manual Integrations
APPROVED

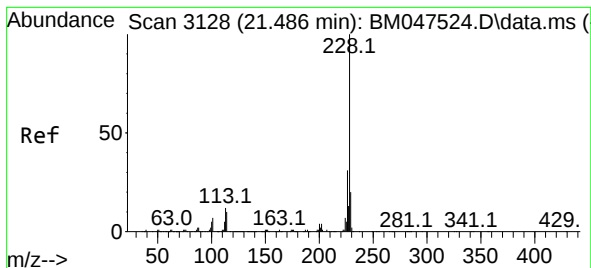
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#82
3,3'-Dichlorobenzidine
Concen: 62.008 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion:252 Resp: 848154
Ion Ratio Lower Upper
252 100
254 63.9 51.5 77.3
126 15.2 10.3 15.5





#83

Chrysene

Concen: 58.973 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM047560.D

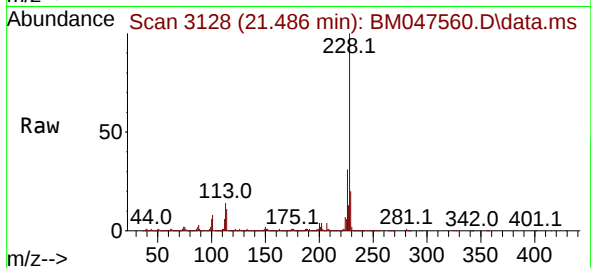
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD



Tgt Ion:228 Resp: 286817

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

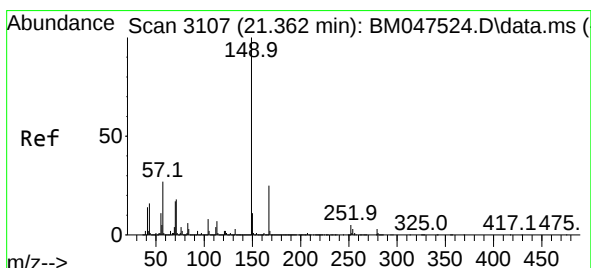
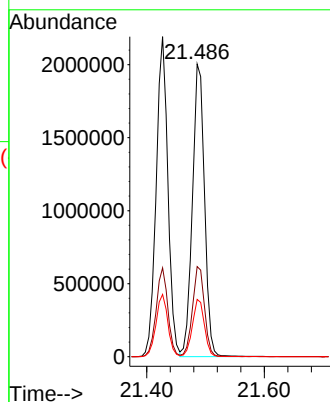
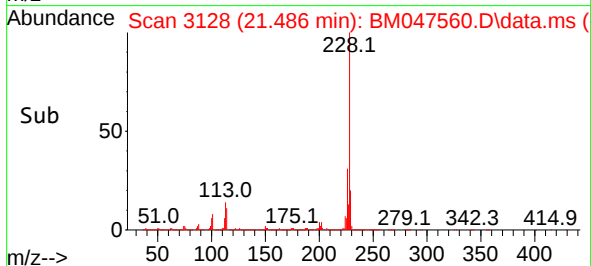
229 19.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.000 ng

RT: 21.356 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

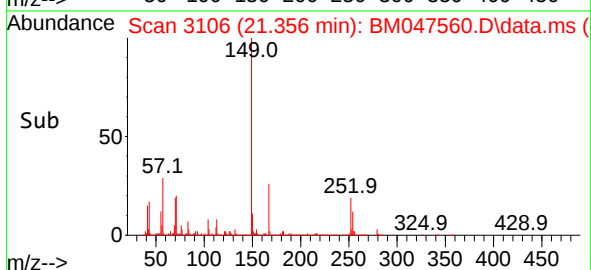
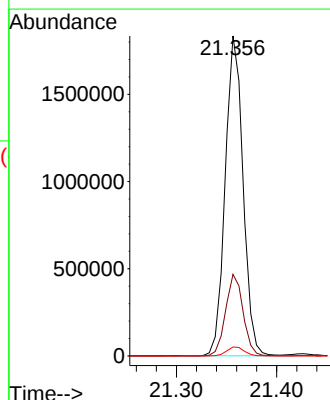
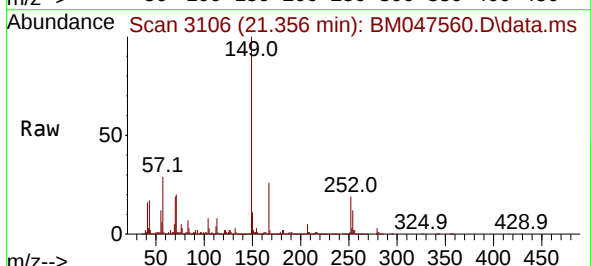
Tgt Ion:149 Resp: 2255564

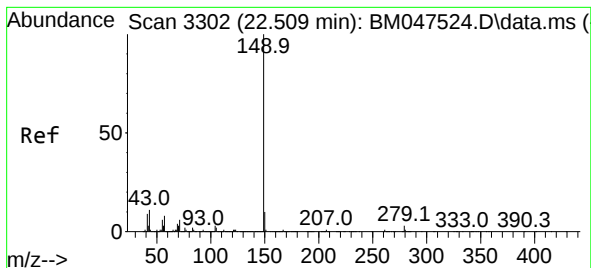
Ion Ratio Lower Upper

149 100

167 25.5 20.2 30.4

279 2.8 2.6 4.0





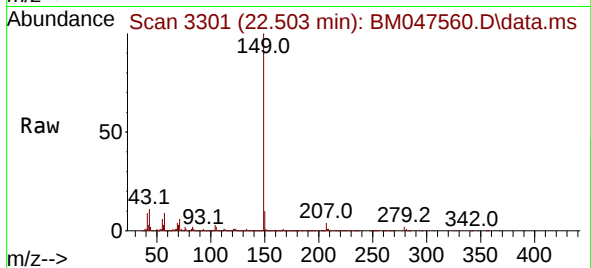
#85
Di-n-octyl phthalate
Concen: 71.293 ng
RT: 22.503 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

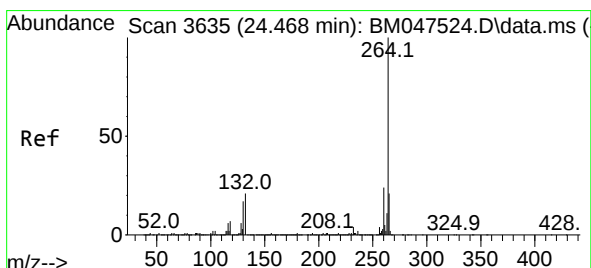
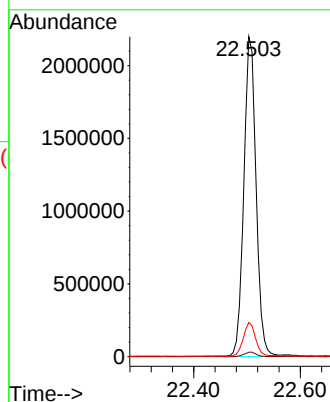
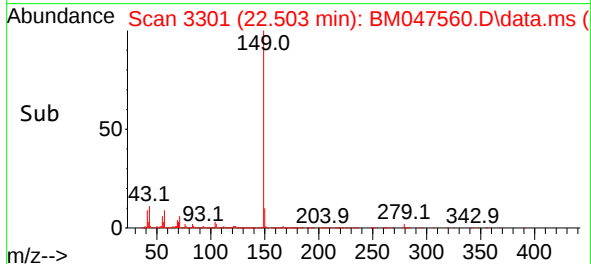


Tgt Ion:149 Resp: 349935
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.6 8.9 13.3

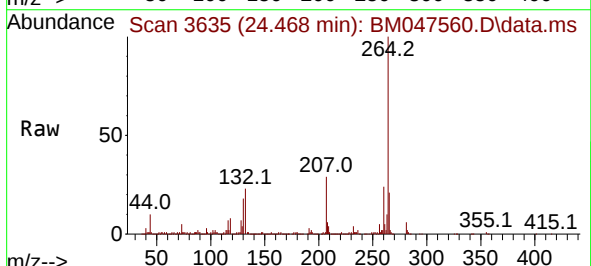
Manual Integrations

APPROVED

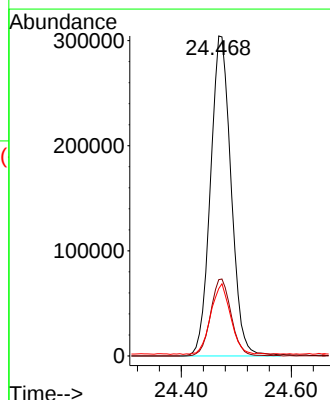
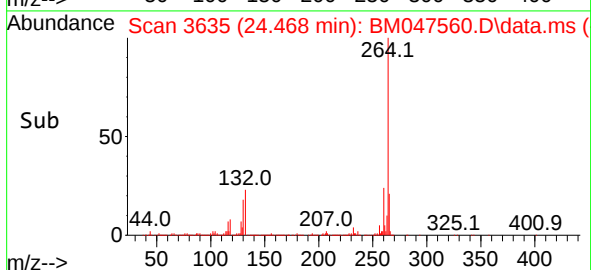
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

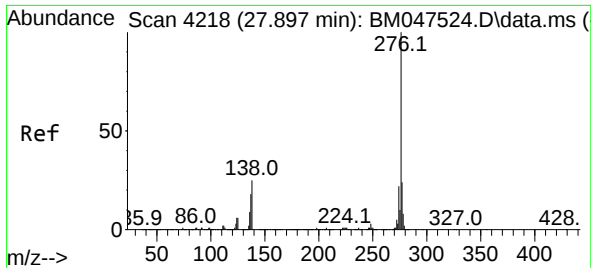


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3635
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion:264 Resp: 792231
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.0 17.4 26.2





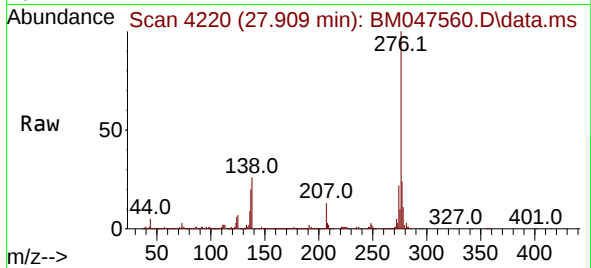
#87
Indeno(1,2,3-cd)pyrene
Concen: 75.000 ng
RT: 27.909 min Scan# 41
Delta R.T. 0.012 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

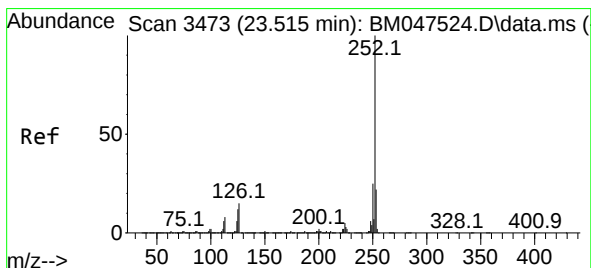
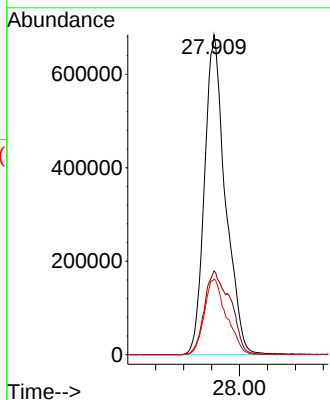
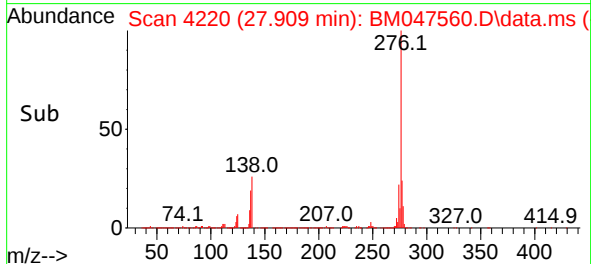


Tgt Ion:276 Resp: 3555820
Ion Ratio Lower Upper
276 100
138 32.4 25.0 37.6
277 25.0 20.1 30.1

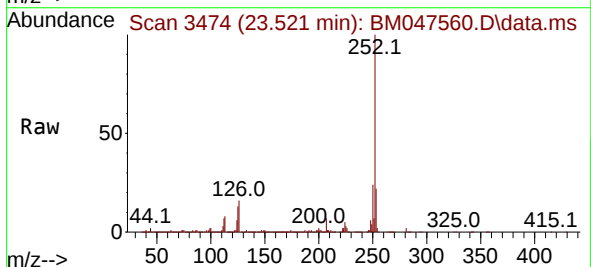
Manual Integrations

APPROVED

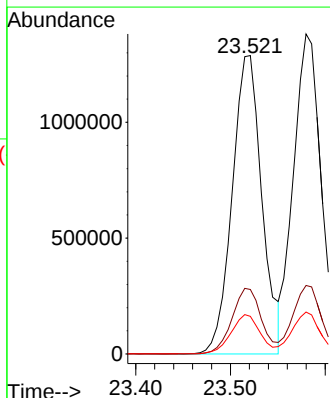
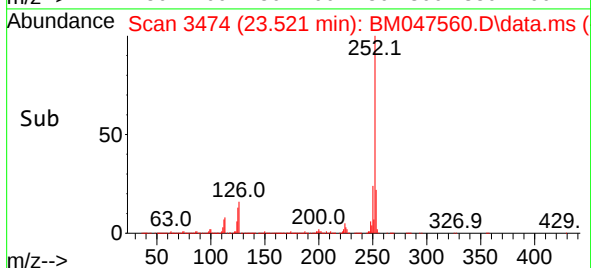
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

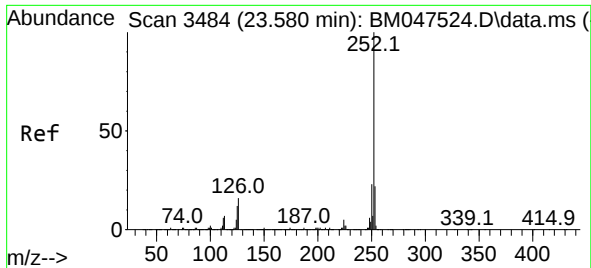


#88
Benzo(b)fluoranthene
Concen: 54.799 ng
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46



Tgt Ion:252 Resp: 2808912
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 12.6 9.5 14.3





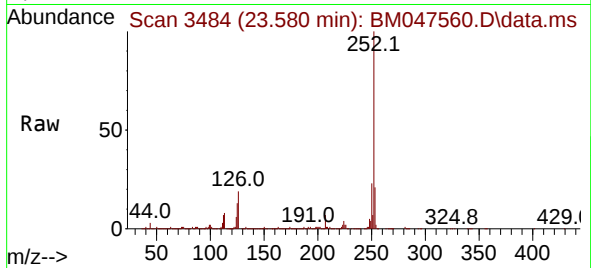
#89
Benzo(k)fluoranthene
Concen: 55.572 ng
RT: 23.580 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

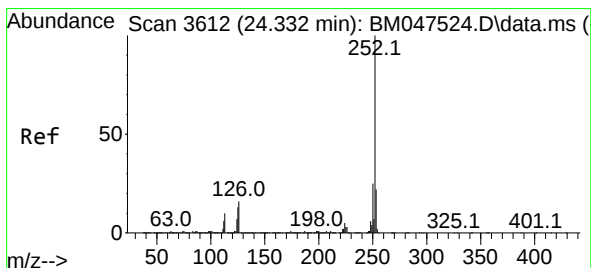
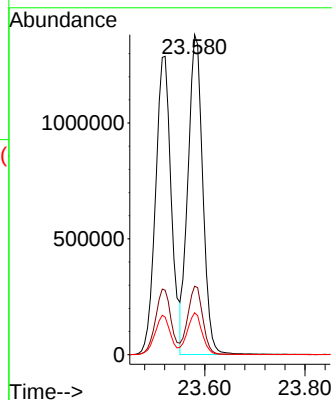
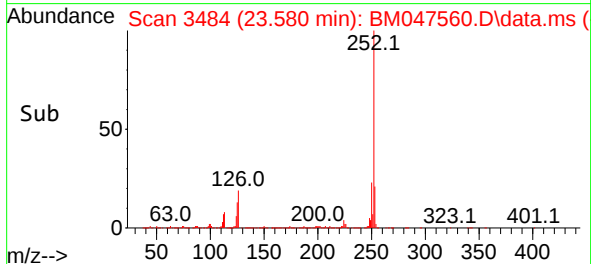


Tgt Ion:252 Resp: 2823080
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 13.1 9.5 14.3

Manual Integrations

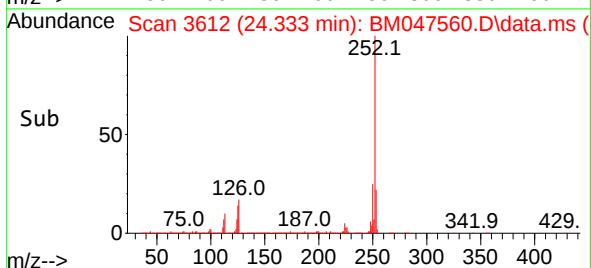
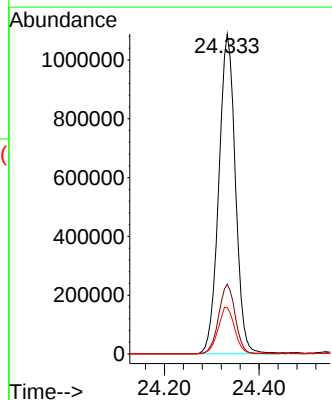
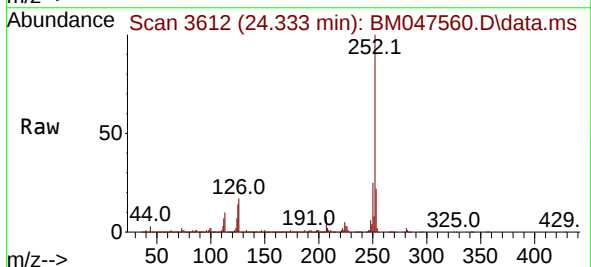
APPROVED

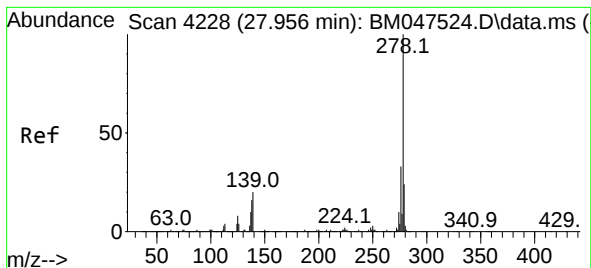
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#90
Benzo(a)pyrene
Concen: 63.032 ng
RT: 24.333 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM047560.D
Acq: 18 Sep 2024 17:46

Tgt Ion:252 Resp: 2648114
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 14.5 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 73.006 ng

RT: 27.962 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

Instrument :

BNA_M

ClientSampleId :

COMP-2MSD

Tgt Ion:278 Resp: 291210

Ion Ratio Lower Upper

278 100

139 20.5 15.9 23.9

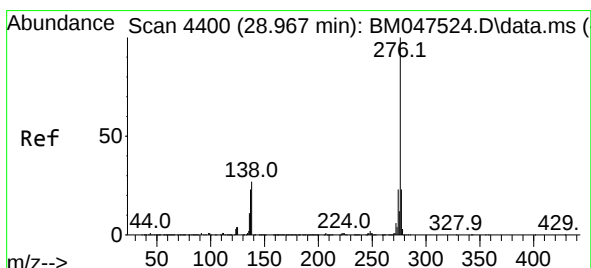
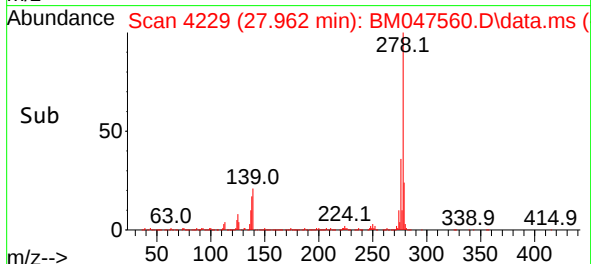
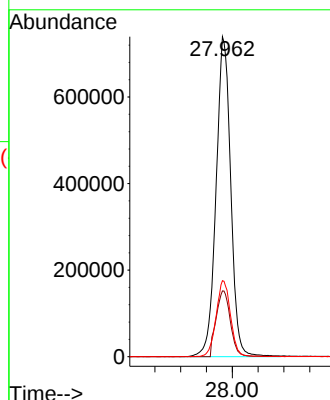
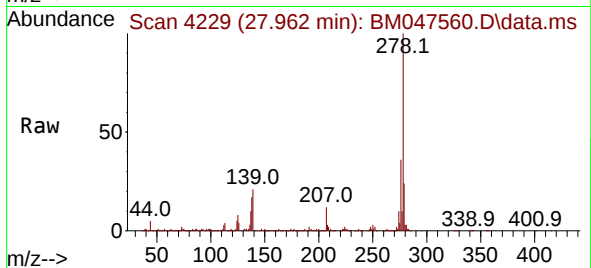
279 23.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#92

Benzo(g,h,i)perylene

Concen: 69.099 ng

RT: 28.979 min Scan# 4402

Delta R.T. 0.012 min

Lab File: BM047560.D

Acq: 18 Sep 2024 17:46

Tgt Ion:276 Resp: 2692457

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 27.9 21.5 32.3

