

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047610.D
 Acq On : 23 Sep 2024 19:05
 Operator : RC/JU
 Sample : PB163606BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB163606BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 23:43:48 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 21 02:22:39 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	390031	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1570835	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	794692	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1558440	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1371865	20.000	ng	0.00
86) Perylene-d12	24.456	264	1308797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3806912	149.575	ng	0.00
7) Phenol-d6	7.004	99	4790698	142.853	ng	0.00
23) Nitrobenzene-d5	8.992	82	2840213	90.008	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1224148	166.356	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	5478540	97.547	ng	0.00
79) Terphenyl-d14	19.821	244	8025560	104.967	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	401396	36.221	ng	98
3) Pyridine	3.710	79	1056966m	34.407	ng	
4) n-Nitrosodimethylamine	3.616	42	564557	44.322	ng	95
6) Aniline	7.163	93	928421	32.316	ng	98
8) 2-Chlorophenol	7.404	128	1329409	49.893	ng	98
10) Phenol	7.028	94	1663814	49.966	ng	99
11) bis(2-Chloroethyl)ether	7.257	93	1321220	49.366	ng	98
12) 1,3-Dichlorobenzene	7.728	146	1381647	46.889	ng	98
13) 1,4-Dichlorobenzene	7.875	146	1414481	47.442	ng	98
14) 1,2-Dichlorobenzene	8.193	146	1349334	46.951	ng	98
15) Benzyl Alcohol	8.075	79	1124938	51.990	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	1610715	47.215	ng	99
17) 2-Methylphenol	8.281	107	1056152	50.465	ng	98
18) Hexachloroethane	8.922	117	550346	45.518	ng	98
19) n-Nitroso-di-n-propyla...	8.645	70	983770	47.891	ng	97
20) 3+4-Methylphenols	8.604	107	1407117	49.363	ng	97
22) Acetophenone	8.657	105	1898517	46.390	ng	98
24) Nitrobenzene	9.034	77	1447747	44.420	ng	98
25) Isophorone	9.563	82	2573893	48.808	ng	99
26) 2-Nitrophenol	9.745	139	598848	52.258	ng	99
27) 2,4-Dimethylphenol	9.810	122	1069579	65.481	ng	99
28) bis(2-Chloroethoxy)met...	10.045	93	1585143	46.724	ng	99
29) 2,4-Dichlorophenol	10.281	162	1053628	51.025	ng	99
30) 1,2,4-Trichlorobenzene	10.498	180	1111349	47.220	ng	99
31) Naphthalene	10.686	128	3850389	46.331	ng	100
32) Benzoic acid	9.939	122	799301	52.494	ng	98
33) 4-Chloroaniline	10.786	127	935681	31.935	ng	98
34) Hexachlorobutadiene	10.981	225	590147	46.077	ng	98
35) Caprolactam	11.563	113	350161m	49.059	ng	
36) 4-Chloro-3-methylphenol	11.910	107	1151598	48.880	ng	99
37) 2-Methylnaphthalene	12.298	142	2456257	47.043	ng	100
38) 1-Methylnaphthalene	12.516	142	2364259	45.645	ng	99
40) 1,2,4,5-Tetrachloroben...	12.663	216	1095749	52.250	ng	100
41) Hexachlorocyclopentadiene	12.651	237	663830	95.876	ng	98
43) 2,4,6-Trichlorophenol	12.904	196	718938	52.748	ng	98
44) 2,4,5-Trichlorophenol	12.975	196	807960	52.739	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.304	154	3045335	49.620	ng	99
47) 2-Chloronaphthalene	13.345	162	2341877	48.767	ng	99
48) 2-Nitroaniline	13.539	65	747049	52.086	ng	97
49) Acenaphthylene	14.192	152	3754571	54.331	ng	100
50) Dimethylphthalate	13.927	163	2706055	49.318	ng	99
51) 2,6-Dinitrotoluene	14.039	165	576321	50.133	ng	97
52) Acenaphthene	14.533	154	2287331	50.102	ng	98
53) 3-Nitroaniline	14.363	138	588923	44.666	ng	99
54) 2,4-Dinitrophenol	14.569	184	339076	65.064	ng	95
55) Dibenzofuran	14.869	168	3379096	50.649	ng	99
56) 4-Nitrophenol	14.674	139	1286795	113.895	ng	94
57) 2,4-Dinitrotoluene	14.827	165	794938	51.894	ng	95
58) Fluorene	15.516	166	2956606	50.073	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	627331	53.569	ng	97
60) Diethylphthalate	15.292	149	2895564	49.500	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1303669	50.530	ng	98
62) 4-Nitroaniline	15.527	138	780048	52.507	ng	95
63) Azobenzene	15.804	77	3091351	48.339	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	215972	29.246	ng	94
66) n-Nitrosodiphenylamine	15.721	169	2332058	50.102	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	714516	50.471	ng	94
68) Hexachlorobenzene	16.521	284	803099	48.525	ng	92
69) Atrazine	16.668	200	247626	22.098	ng	97
70) Pentachlorophenol	16.857	266	939244	90.420	ng	99
71) Phenanthrene	17.251	178	4303722	50.875	ng	100
72) Anthracene	17.339	178	4256160	53.103	ng	100
73) Carbazole	17.604	167	4169573	49.926	ng	99
74) Di-n-butylphthalate	18.174	149	5361979	53.082	ng	100
75) Fluoranthene	19.256	202	4796584	51.509	ng	100
77) Benzidine	19.433	184	922458	49.375	ng	99
78) Pyrene	19.621	202	5037551	52.464	ng	100
80) Butylbenzylphthalate	20.515	149	2447796	58.559	ng	97
81) Benzo(a)anthracene	21.415	228	4743741	52.588	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	1736198	61.978	ng	99
83) Chrysene	21.480	228	4325573	50.424	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	3819525	57.128	ng	95
85) Di-n-octyl phthalate	22.486	149	6319520	61.253	ng	98
87) Indeno(1,2,3-cd)pyrene	27.879	276	5188101	57.647	ng	# 92
88) Benzo(b)fluoranthene	23.503	252	4539893	55.190	ng	99
89) Benzo(k)fluoranthene	23.568	252	4442286	55.014	ng	99
90) Benzo(a)pyrene	24.315	252	3895584	55.857	ng	98
91) Dibenzo(a,h)anthracene	27.944	278	4364431	58.057	ng	98
92) Benzo(g,h,i)perylene	28.944	276	4209033	55.867	ng	97

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

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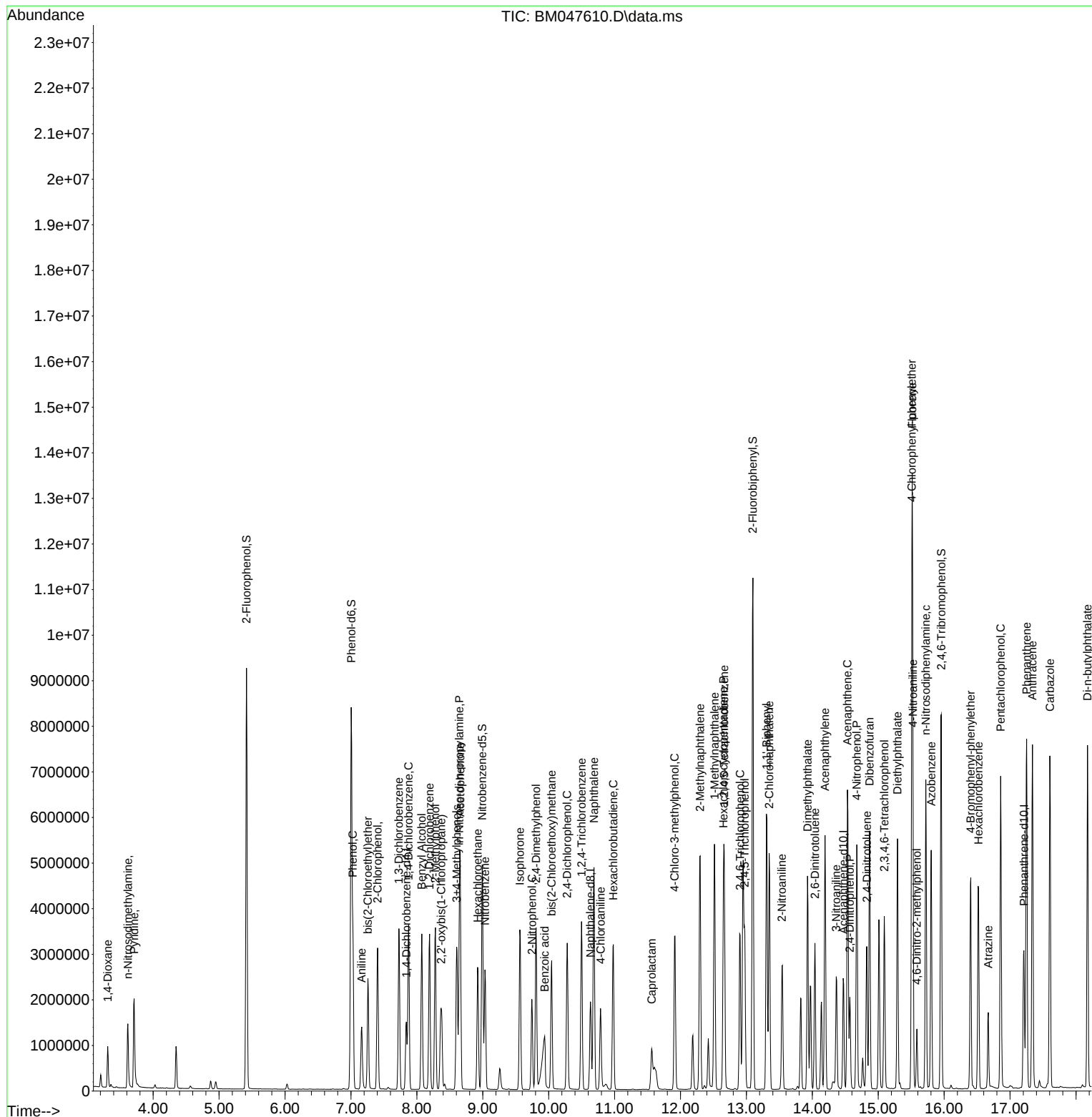
Manual Integrations

APPROVED

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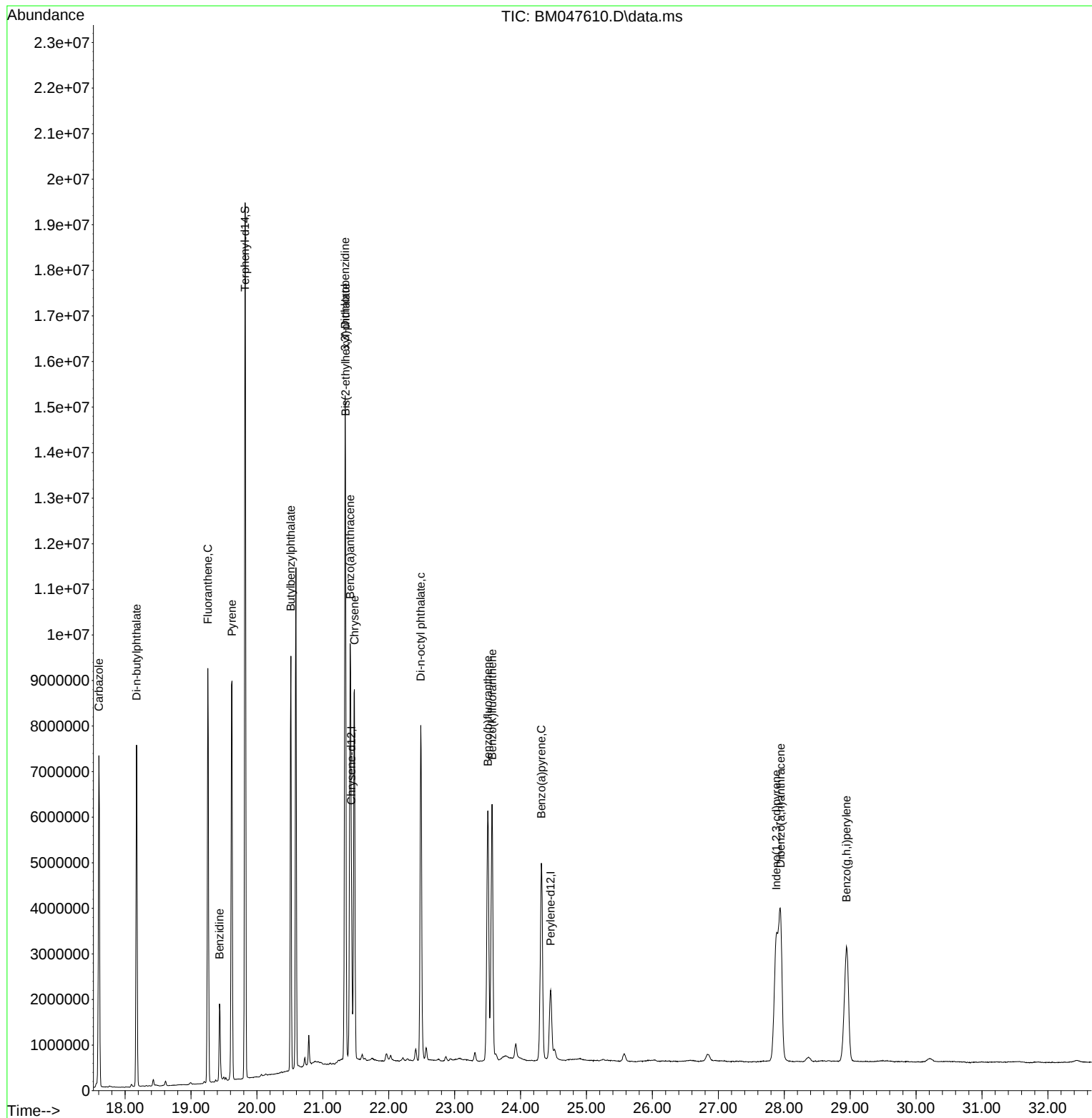
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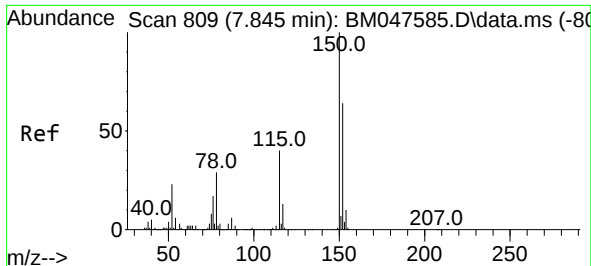
Instrument :
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

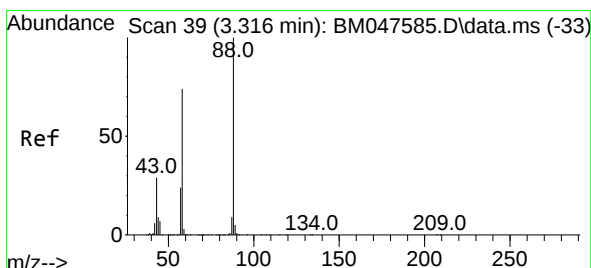
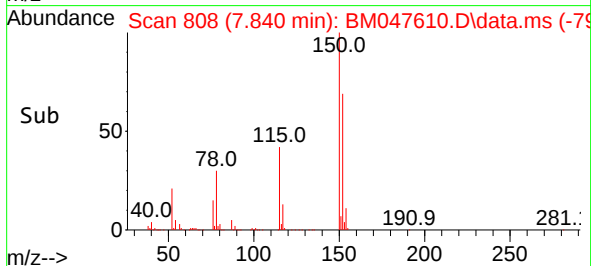
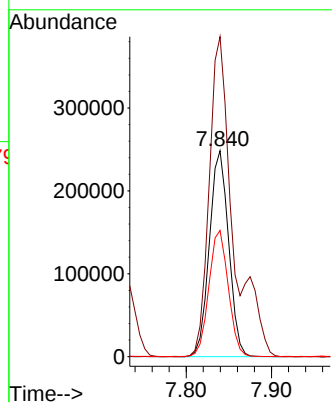
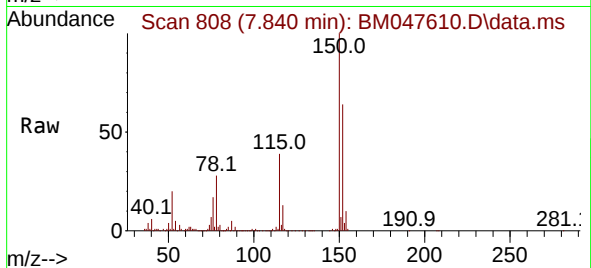
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Tgt Ion:152 Resp: 39003
Ion Ratio Lower Upper
152 100
150 155.4 124.5 186.7
115 61.3 49.9 74.9

Manual Integrations

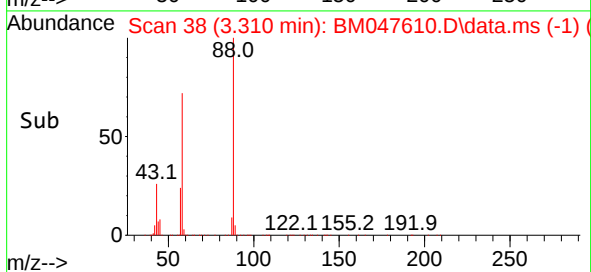
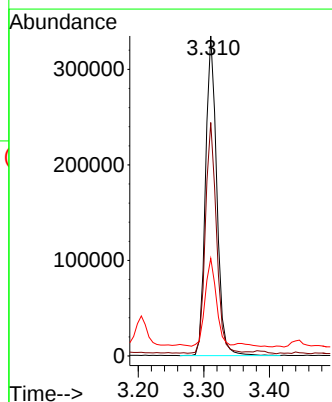
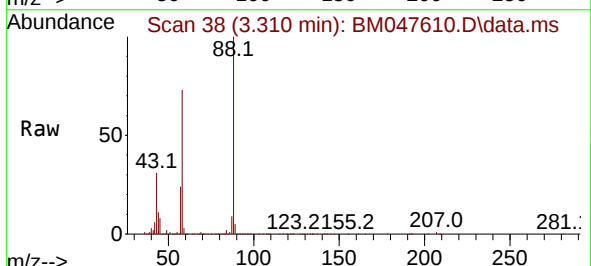
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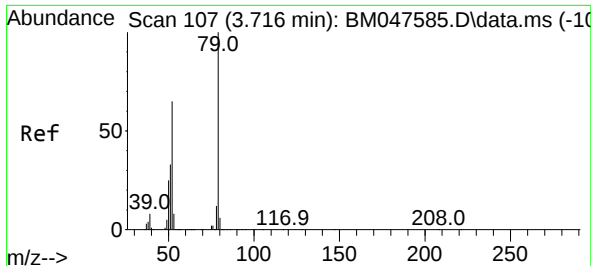
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 36.221 ng
RT: 3.310 min Scan# 38
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

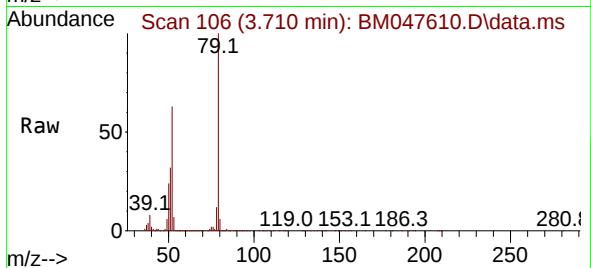
Tgt Ion: 88 Resp: 401396
Ion Ratio Lower Upper
88 100
58 71.2 58.0 87.0
43 27.4 23.1 34.7





#3
Pyridine
Concen: 34.407 ng m
RT: 3.710 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

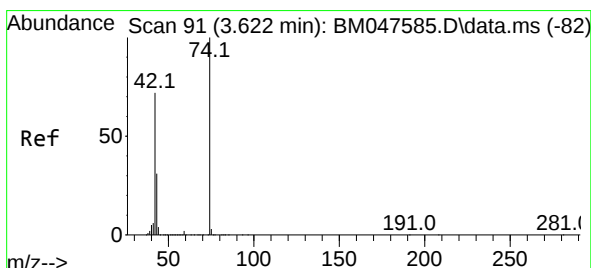
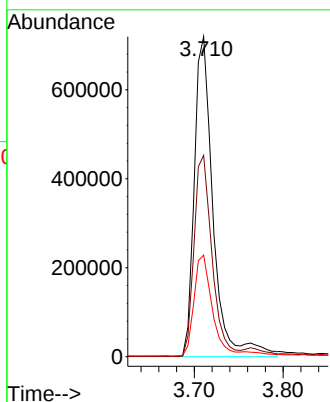
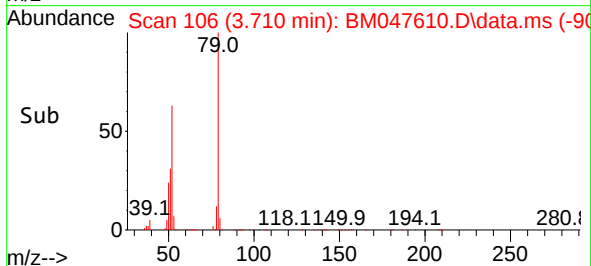
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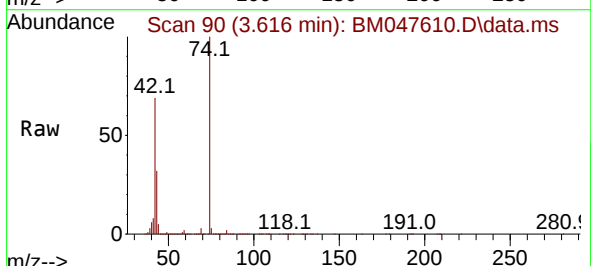
Tgt Ion: 79 Resp: 1056960
Ion Ratio Lower Upper
79 100
52 62.9 52.2 78.2
51 31.8 26.5 39.7

Manual Integrations
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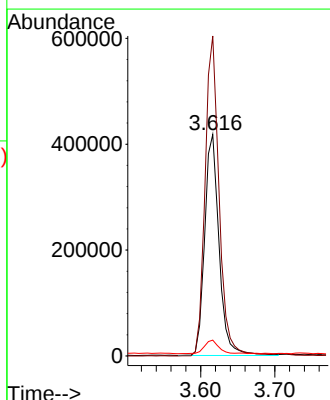
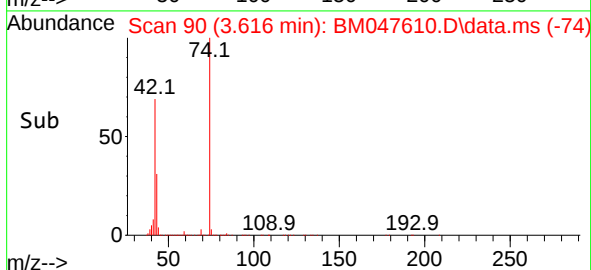
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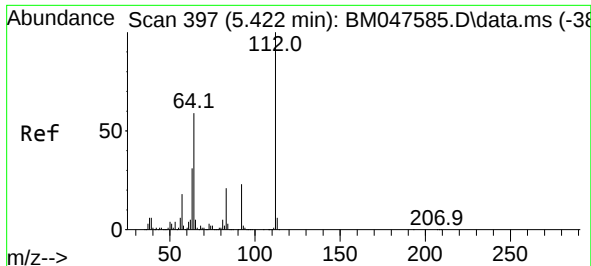


#4
n-Nitrosodimethylamine
Concen: 44.322 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



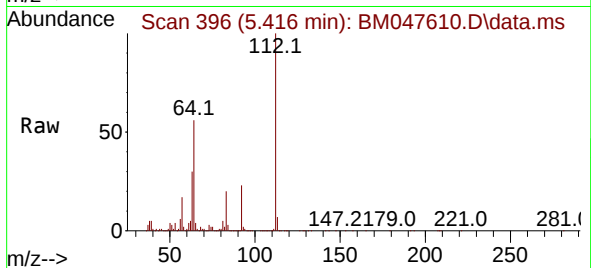
Tgt Ion: 42 Resp: 564557
Ion Ratio Lower Upper
42 100
74 144.5 110.8 166.2
44 7.1 6.1 9.1





#5
2-Fluorophenol
Concen: 149.575 ng
RT: 5.416 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

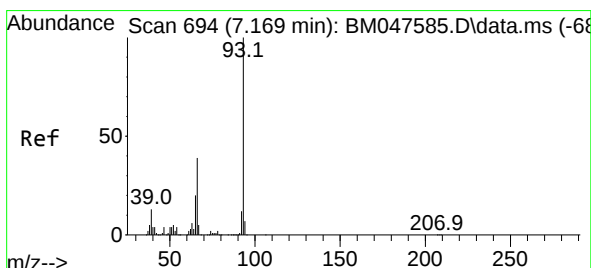
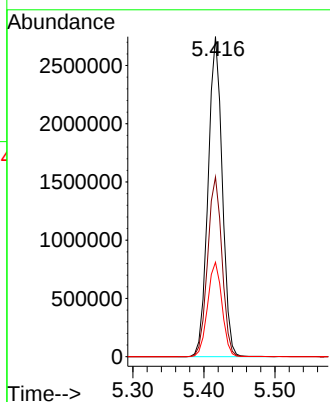
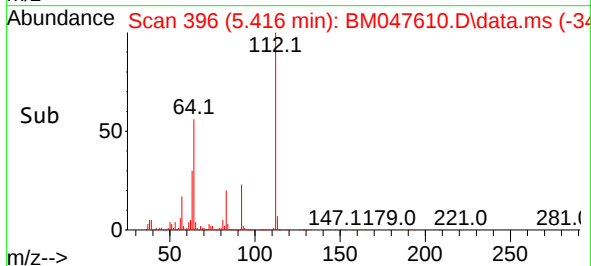
Instrument :
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Tgt Ion: 112 Resp: 3806912
Ion Ratio Lower Upper
112 100
64 56.2 46.8 70.2
63 29.5 25.2 37.8

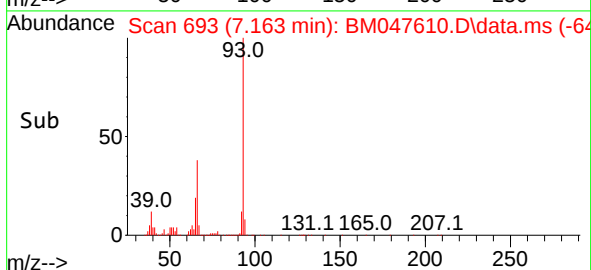
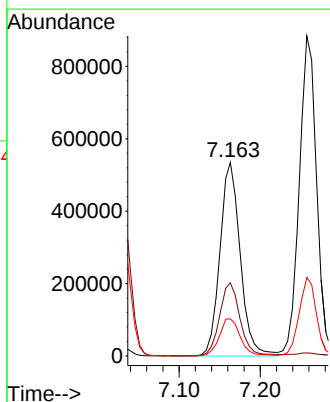
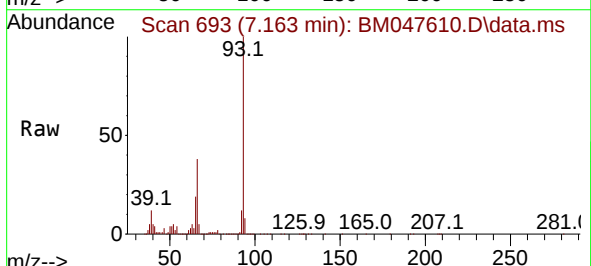
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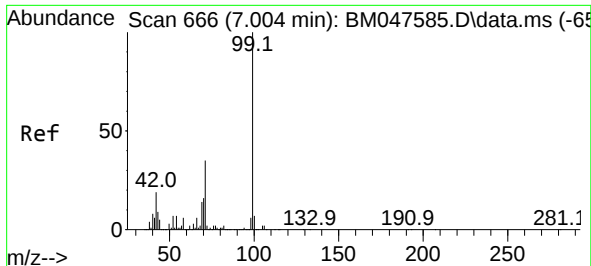
Reviewed By :Yogesh Patel 09/25/2024
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#6
Aniline
Concen: 32.316 ng
RT: 7.163 min Scan# 693
Delta R.T. -0.006 min
Lab File: BM047610.D
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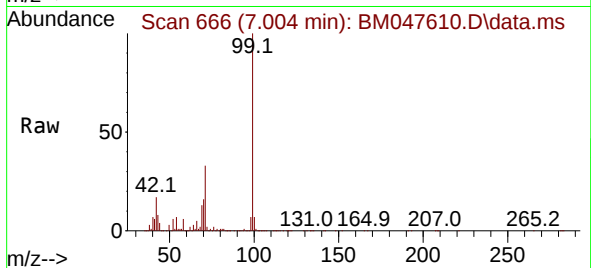
Tgt Ion: 93 Resp: 928421
Ion Ratio Lower Upper
93 100
66 37.7 31.4 47.0
65 19.2 16.2 24.2





#7
Phenol-d6
Concen: 142.853 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

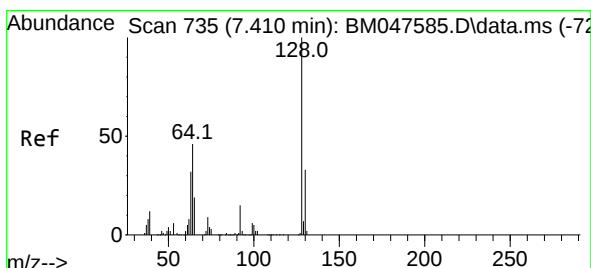
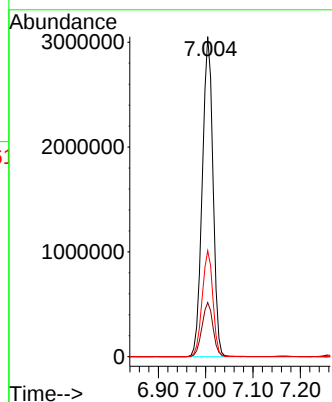
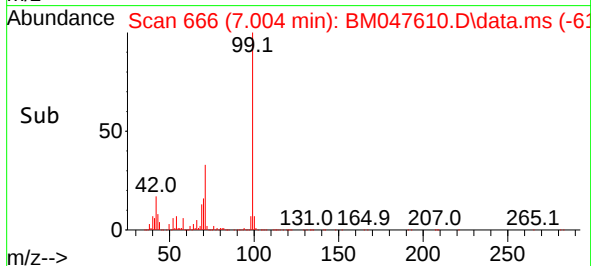
Instrument :
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Tgt Ion: 99 Resp: 4790698
Ion Ratio Lower Upper
99 100
42 16.9 15.3 22.9
71 33.1 27.8 41.6

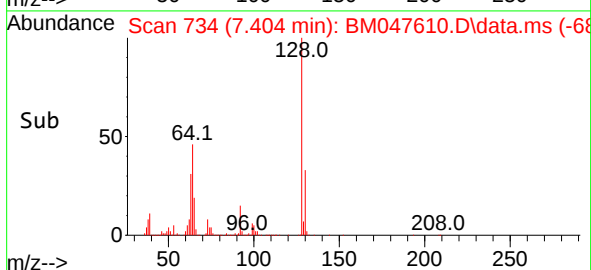
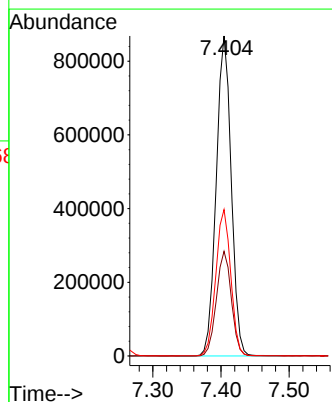
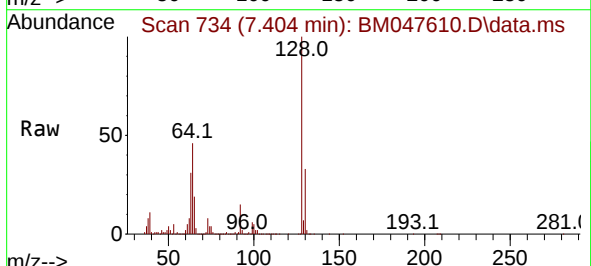
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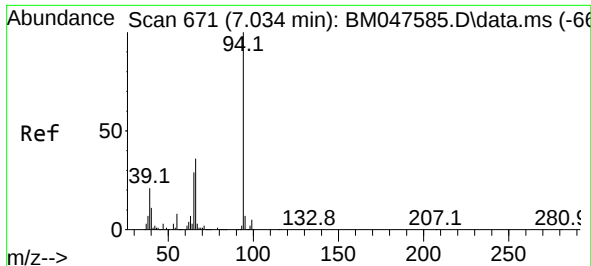
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#8
2-Chlorophenol
Concen: 49.893 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.006 min
Lab File: BM047610.D
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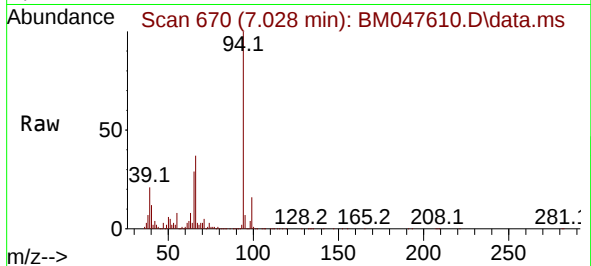
Tgt Ion:128 Resp: 1329409
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 45.7 27.6 67.6





#10
Phenol
Concen: 49.966 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

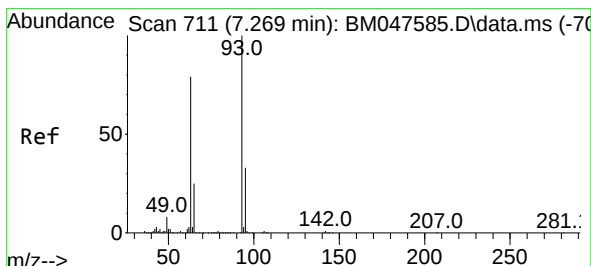
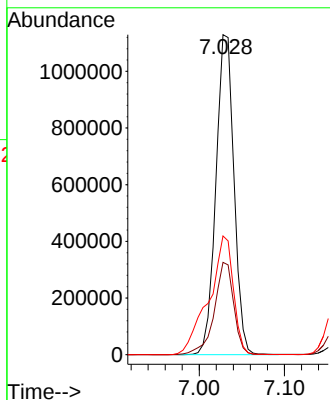
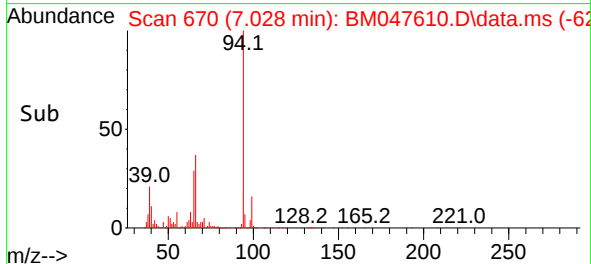
Instrument :
BNA_M
ClientSampleId :
PB163606BS



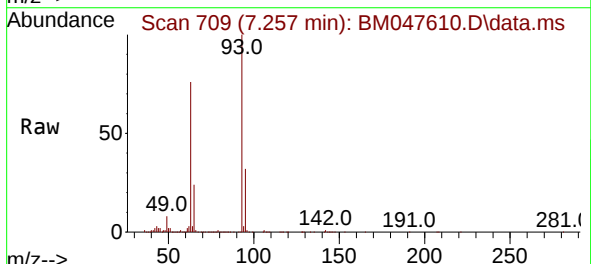
Tgt Ion: 94 Resp: 1663814
Ion Ratio Lower Upper
94 100
65 28.9 9.1 49.1
66 37.1 16.5 56.5

Manual Integrations
APPROVED

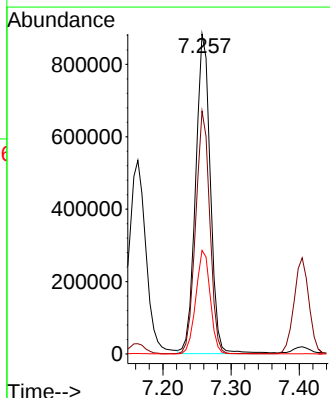
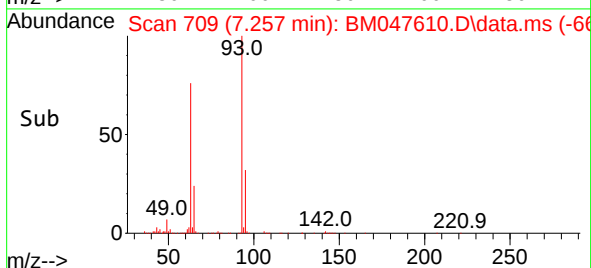
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

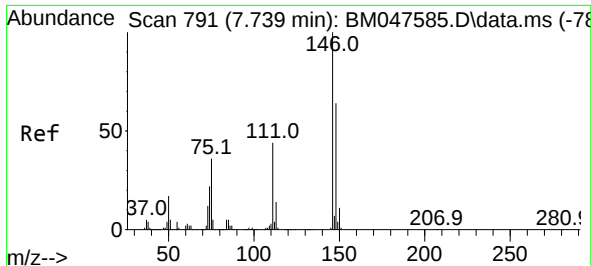


#11
bis(2-Chloroethyl)ether
Concen: 49.366 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



Tgt Ion: 93 Resp: 1321220
Ion Ratio Lower Upper
93 100
63 75.9 58.5 98.5
95 32.3 12.9 52.9





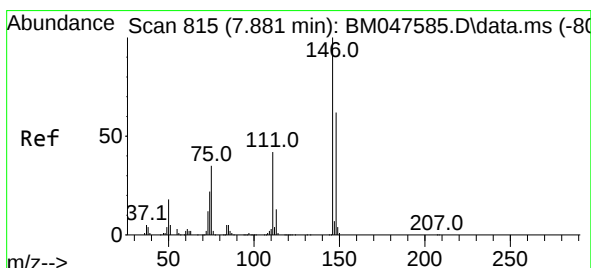
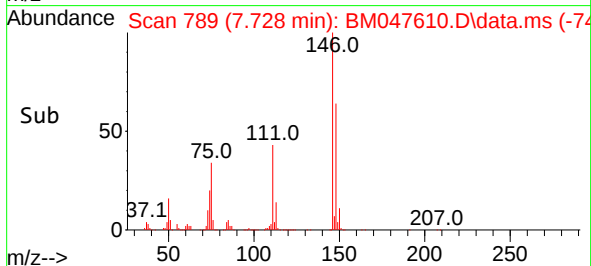
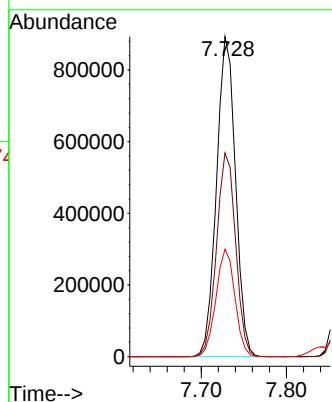
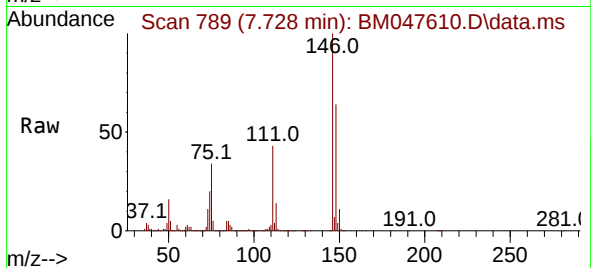
#12
1,3-Dichlorobenzene
Concen: 46.889 ng
RT: 7.728 min Scan# 791
Delta R.T. -0.012 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
PB163606BS

Tgt Ion:146 Resp: 138164
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 33.6 28.4 42.6

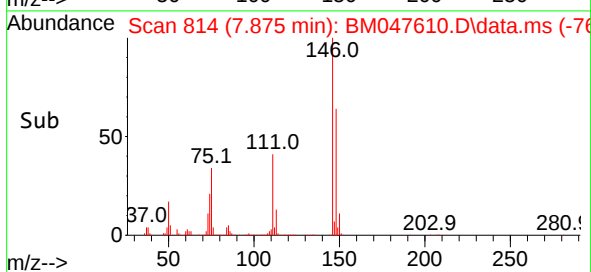
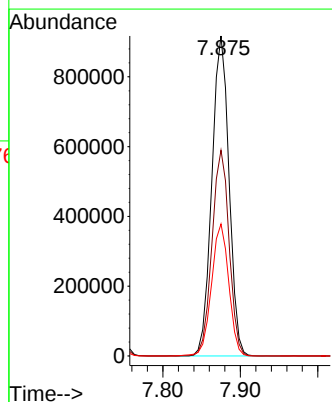
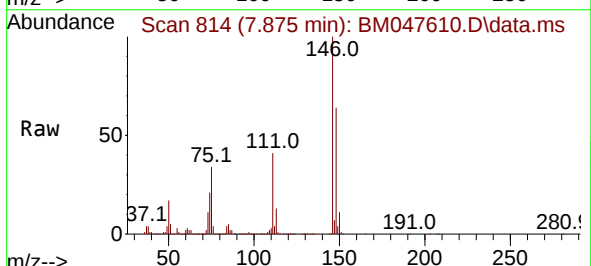
Manual Integrations
APPROVED

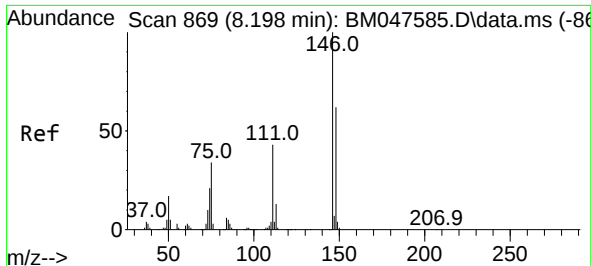
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#13
1,4-Dichlorobenzene
Concen: 47.442 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

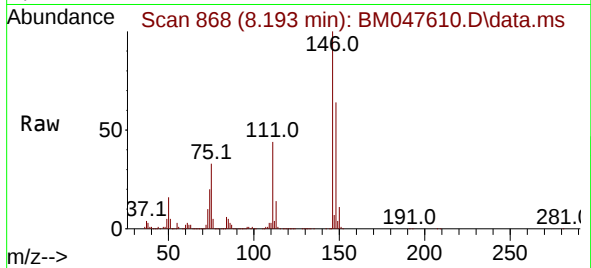
Tgt Ion:146 Resp: 1414481
Ion Ratio Lower Upper
146 100
148 64.3 49.8 74.6
111 41.2 33.3 49.9





#14
1,2-Dichlorobenzene
Concen: 46.951 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

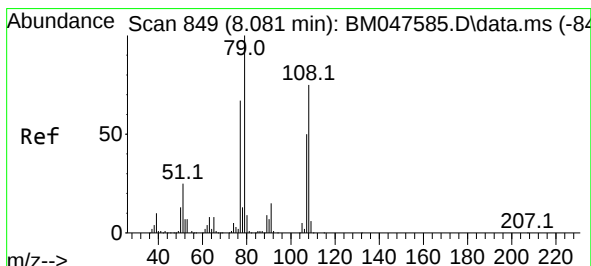
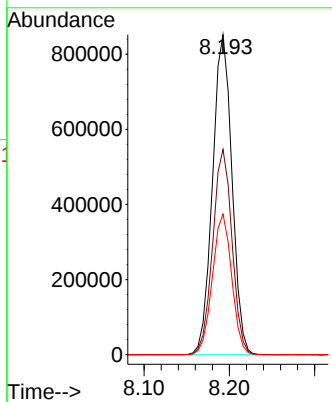
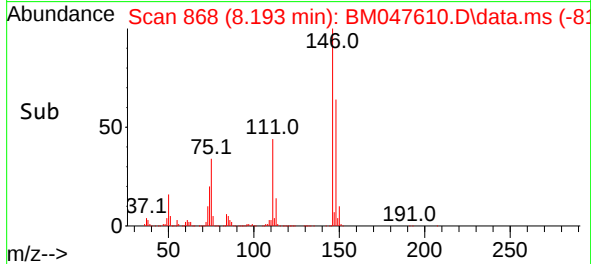
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:146 Resp: 1349334
Ion Ratio Lower Upper
146 100
148 64.1 49.7 74.5
111 43.9 34.8 52.2

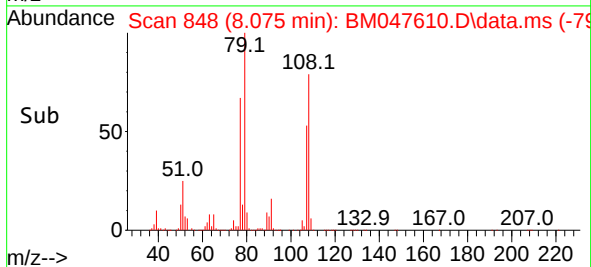
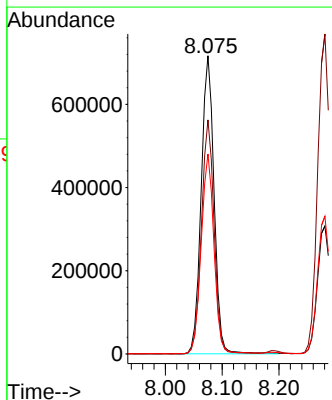
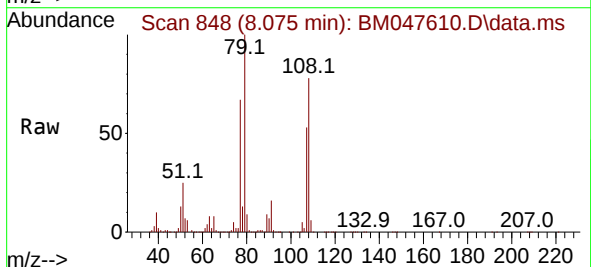
Manual Integrations
APPROVED

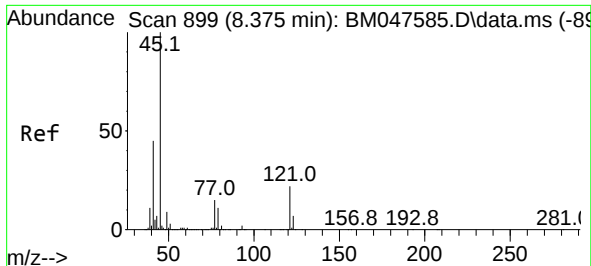
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#15
Benzyl Alcohol
Concen: 51.990 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion: 79 Resp: 1124938
Ion Ratio Lower Upper
79 100
108 78.5 60.2 90.2
77 67.0 53.9 80.9





#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.215 ng
RT: 8.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

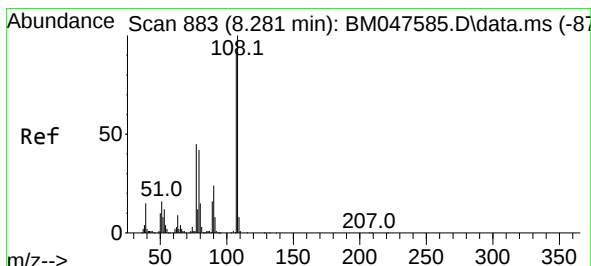
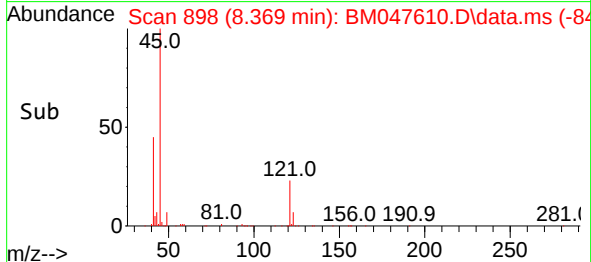
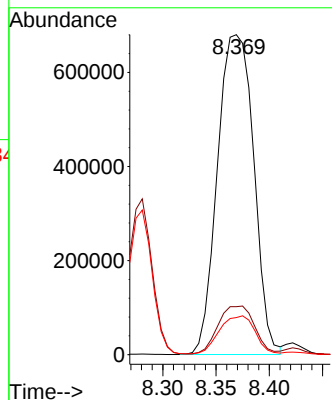
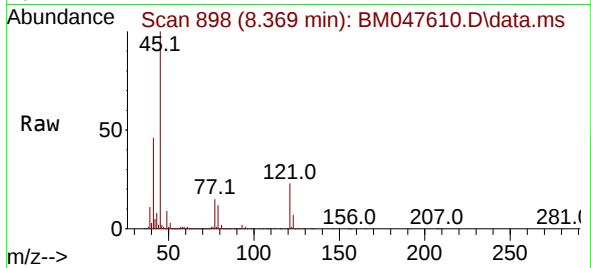
ClientSampleId :

PB163606BS

Tgt Ion: 45 Resp: 1610715
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.5
79 11.6 0.0 31.6

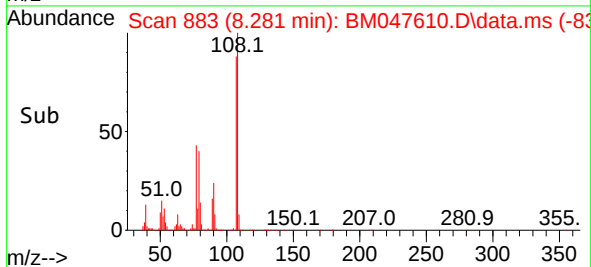
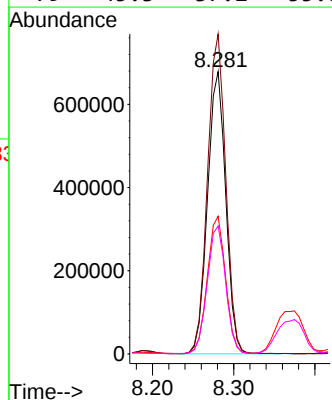
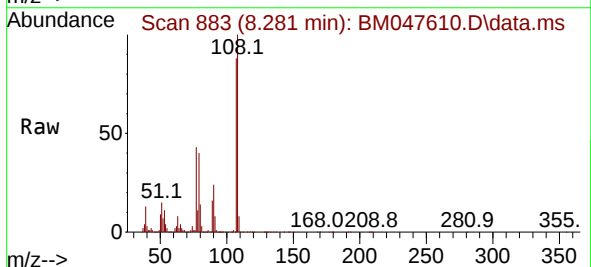
Manual Integrations
APPROVED

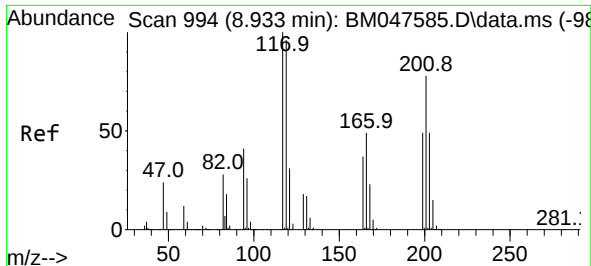
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#17
2-Methylphenol
Concen: 50.465 ng
RT: 8.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

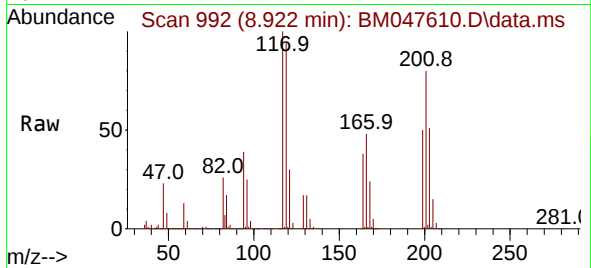
Tgt Ion:107 Resp: 1056152
Ion Ratio Lower Upper
107 100
108 113.3 87.8 131.6
77 48.8 39.6 59.4
79 45.3 37.2 55.8





#18
Hexachloroethane
Concen: 45.518 ng
RT: 8.922 min Scan# 994
Delta R.T. -0.012 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

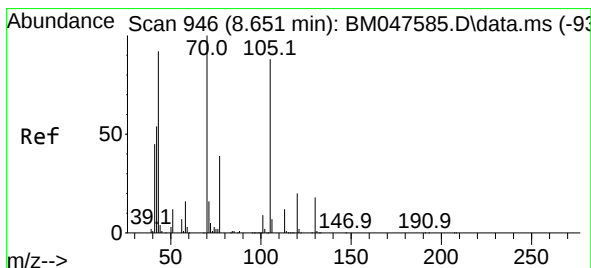
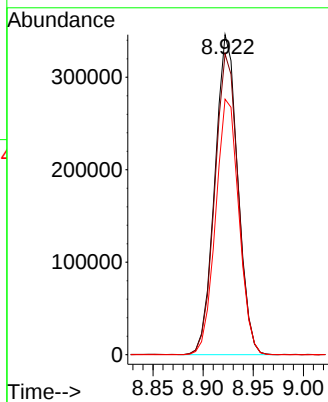
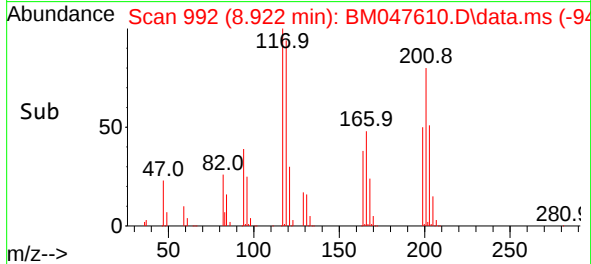
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:117 Resp: 550340
Ion Ratio Lower Upper
117 100
119 94.0 77.2 115.8
201 79.9 62.3 93.5

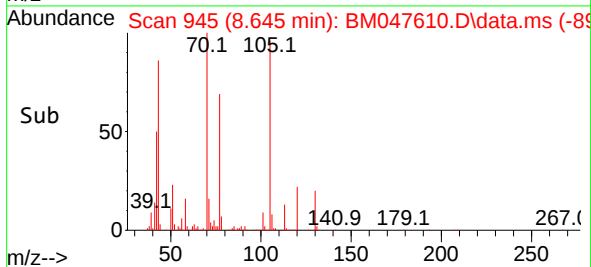
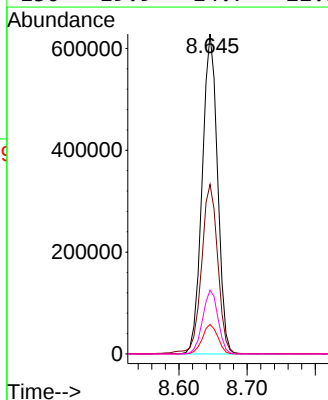
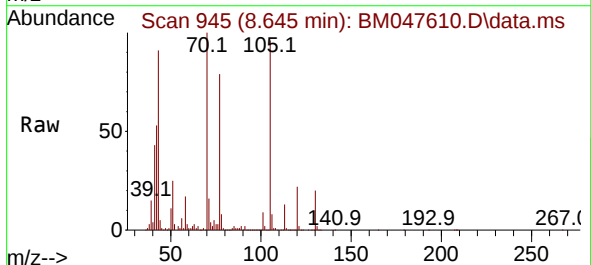
Manual Integrations
APPROVED

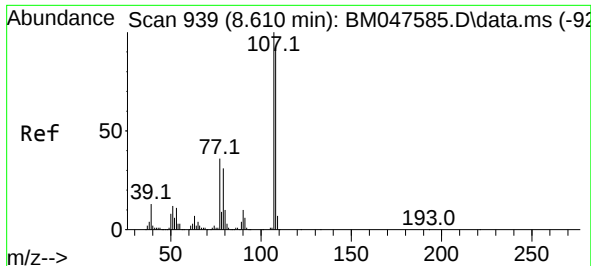
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#19
n-Nitroso-di-n-propylamine
Concen: 47.891 ng
RT: 8.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion: 70 Resp: 983770
Ion Ratio Lower Upper
70 100
42 53.0 44.2 66.2
101 9.2 7.0 10.4
130 19.9 14.7 22.1





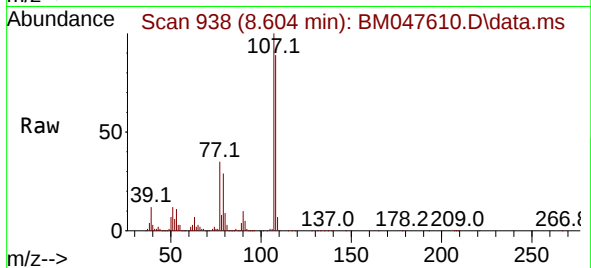
#20
3+4-Methylphenols
Concen: 49.363 ng
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS



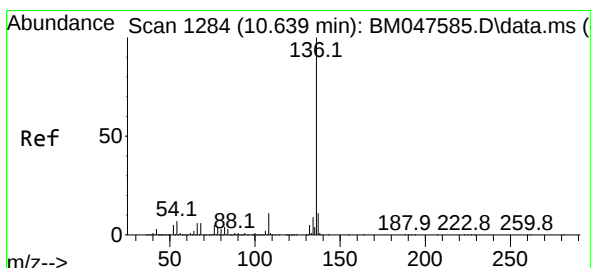
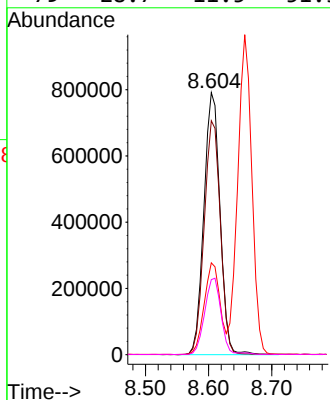
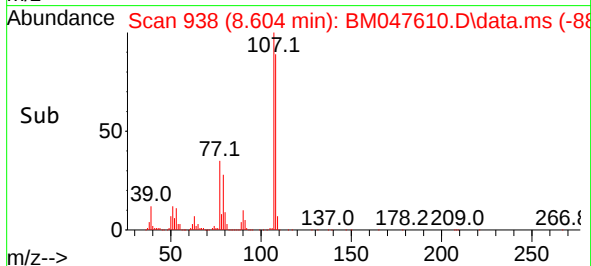
Tgt Ion:	107	Resp:	140711
Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.8	111.8
77	35.1	16.1	56.1
79	28.7	11.5	51.5

Manual Integrations

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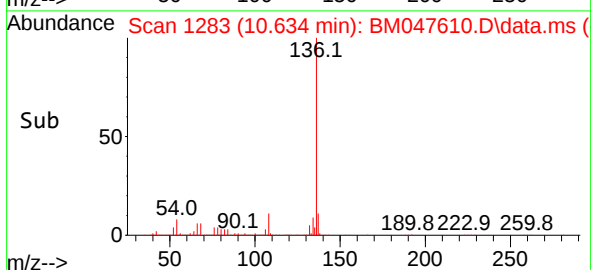
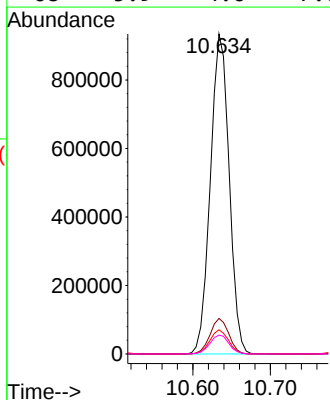
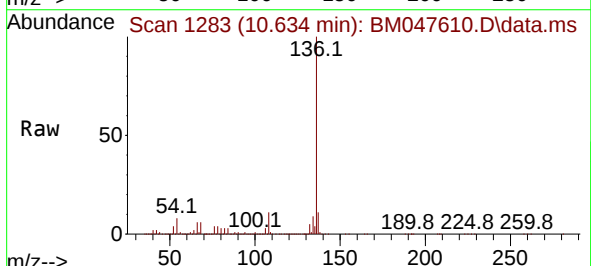
Reviewed By :Yogesh Patel 09/25/2024

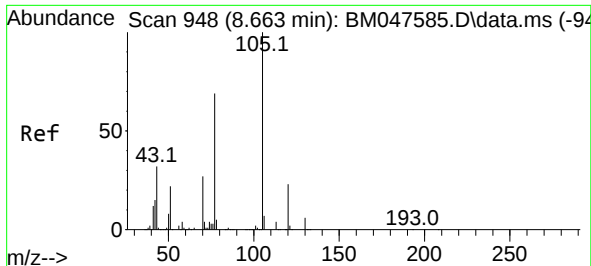
Supervised By :mohammad ahmed 09/25/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

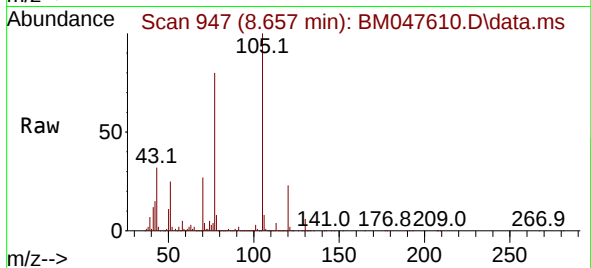
Tgt Ion:	136	Resp:	1570835
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	6.0	9.0
68	5.9	4.6	7.0





#22
Acetophenone
Concen: 46.390 ng
RT: 8.657 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

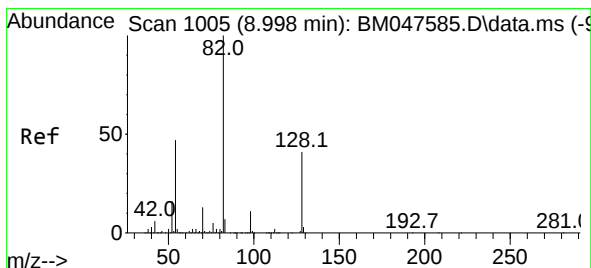
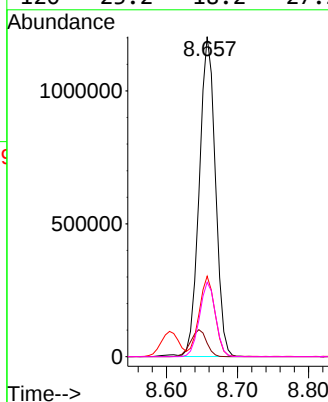
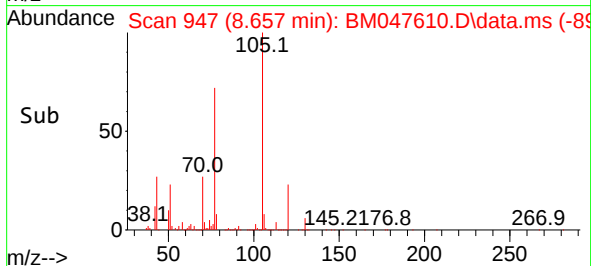
Instrument :
BNA_M
ClientSampleId :
PB163606BS



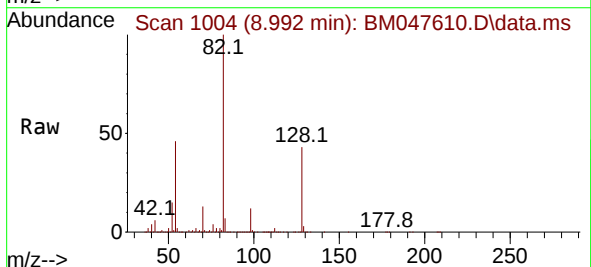
Tgt Ion:105 Resp: 189851
Ion Ratio Lower Upper
105 100
71 4.2 3.4 5.2
51 25.1 21.4 32.2
120 23.2 18.2 27.2

Manual Integrations
APPROVED

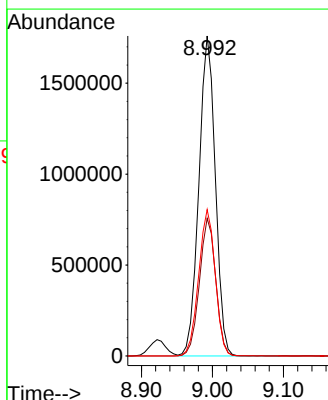
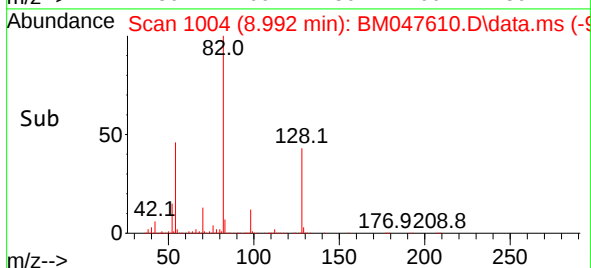
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

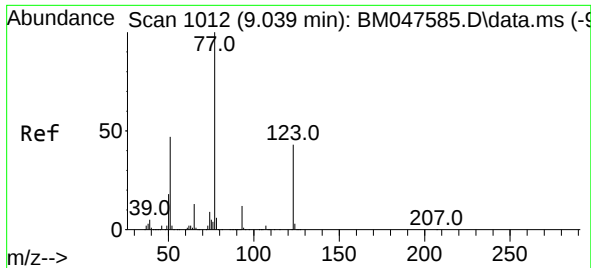


#23
Nitrobenzene-d5
Concen: 90.008 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



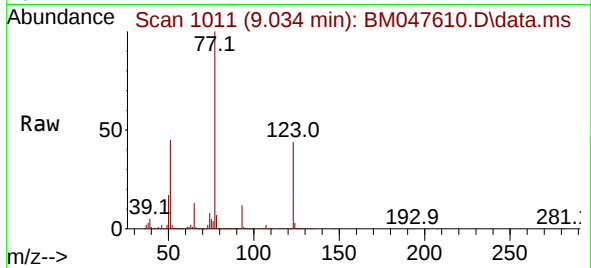
Tgt Ion: 82 Resp: 2840213
Ion Ratio Lower Upper
82 100
128 43.0 32.5 48.7
54 45.8 37.5 56.3





#24
Nitrobenzene
Concen: 44.420 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

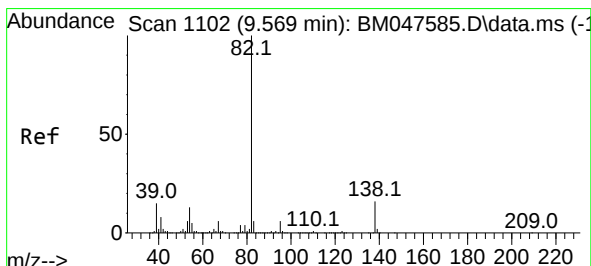
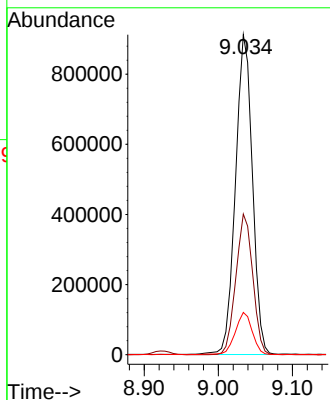
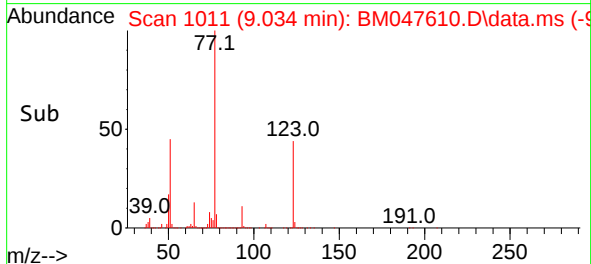
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion: 77 Resp: 144774
Ion Ratio Lower Upper
77 100
123 44.0 34.1 51.1
65 13.2 10.7 16.1

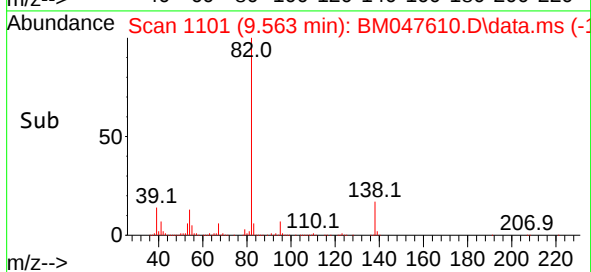
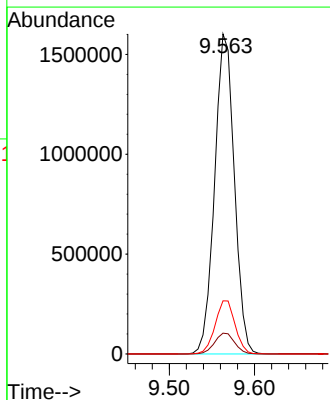
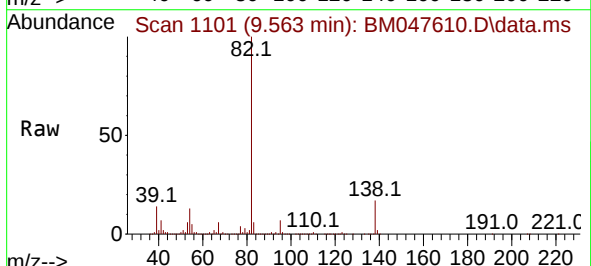
Manual Integrations
APPROVED

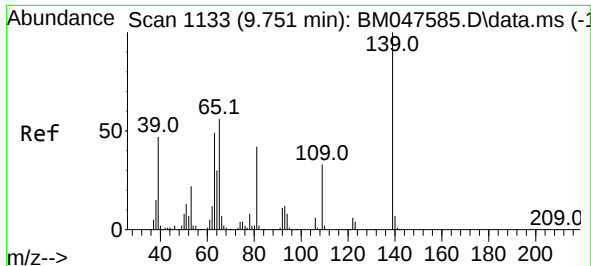
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#25
Isophorone
Concen: 48.808 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion: 82 Resp: 2573893
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.6
138 16.6 12.9 19.3





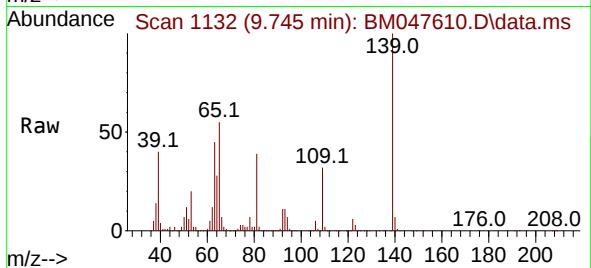
#26
2-Nitrophenol
Concen: 52.258 ng
RT: 9.745 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS



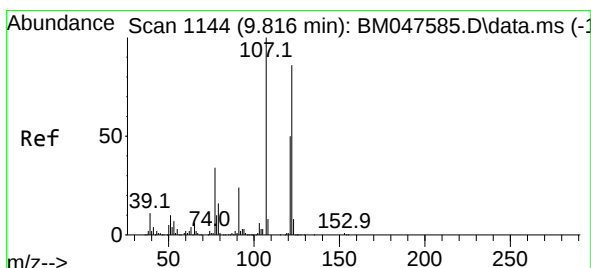
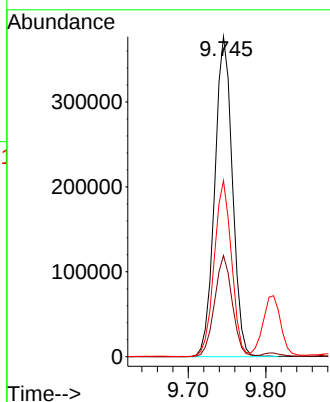
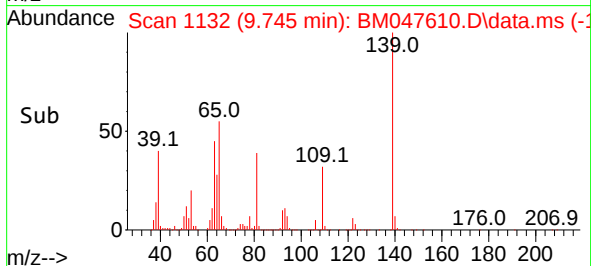
Tgt Ion:139 Resp: 598848
Ion Ratio Lower Upper
139 100
109 31.6 26.1 39.1
65 55.0 44.7 67.1

Manual Integrations

APPROVED

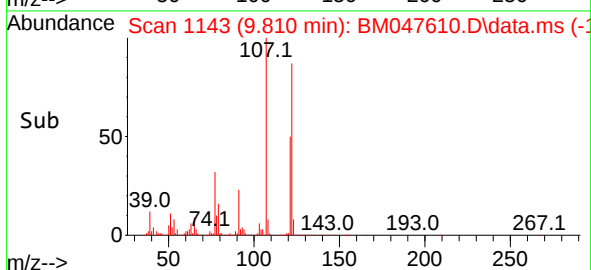
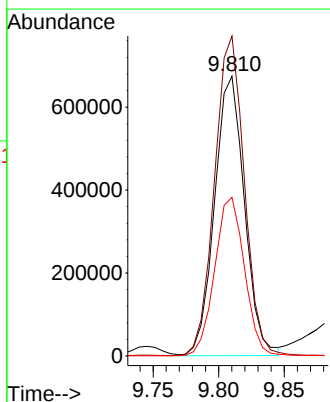
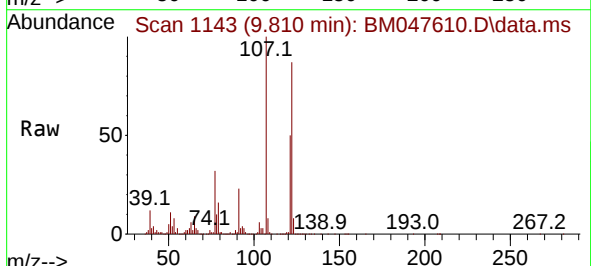
Reviewed By :Yogesh Patel 09/25/2024

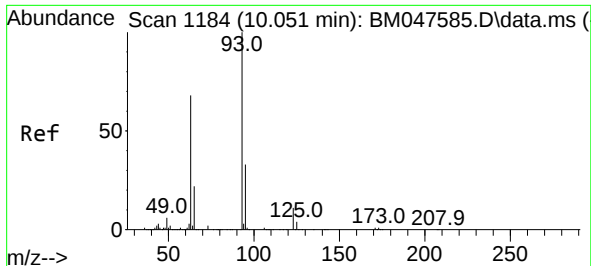
Supervised By :mohammad ahmed 09/25/2024



#27
2,4-Dimethylphenol
Concen: 65.481 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

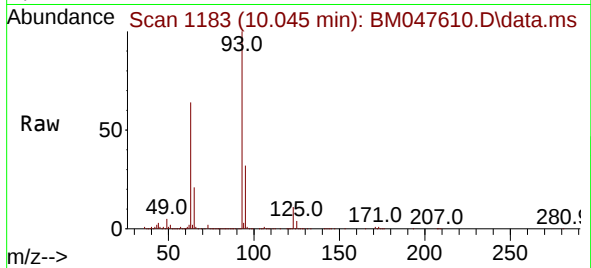
Tgt Ion:122 Resp: 1069579
Ion Ratio Lower Upper
122 100
107 114.4 92.2 138.2
121 56.8 45.8 68.6





#28
bis(2-Chloroethoxy)methane
Concen: 46.724 ng
RT: 10.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

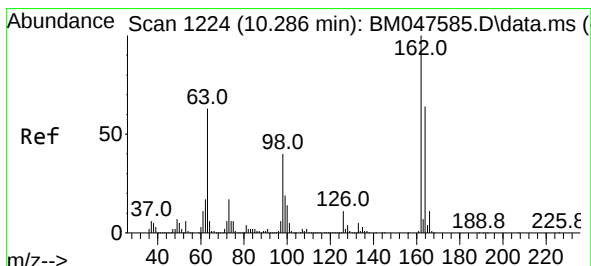
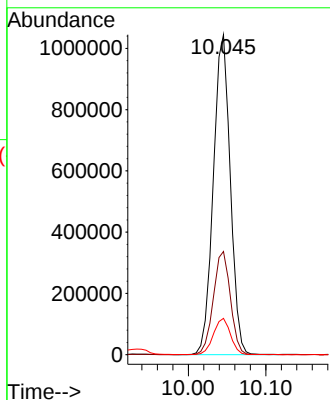
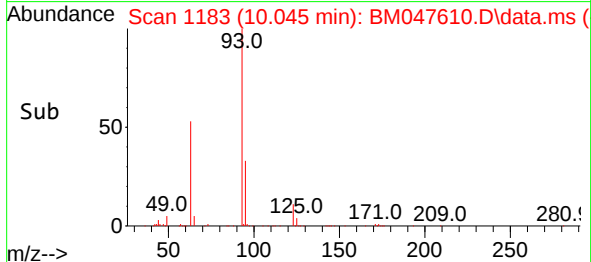
Instrument :
BNA_M
ClientSampleId :
PB163606BS



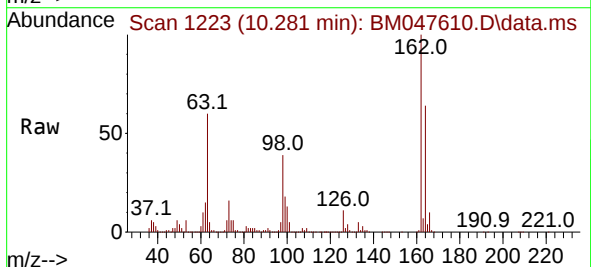
Tgt Ion: 93 Resp: 158514
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 11.4 9.0 13.4

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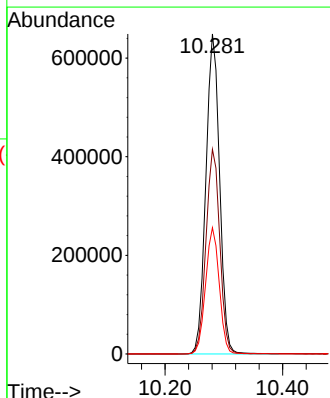
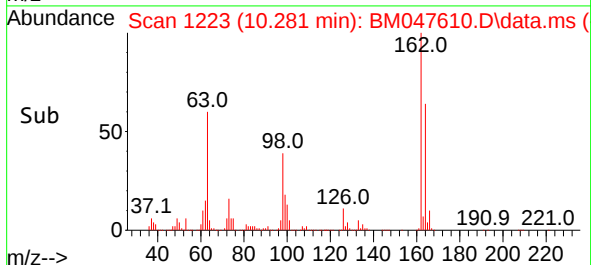
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

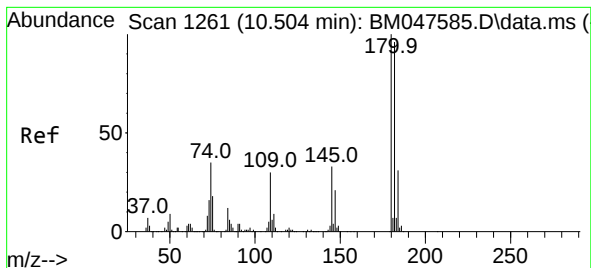


#29
2,4-Dichlorophenol
Concen: 51.025 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



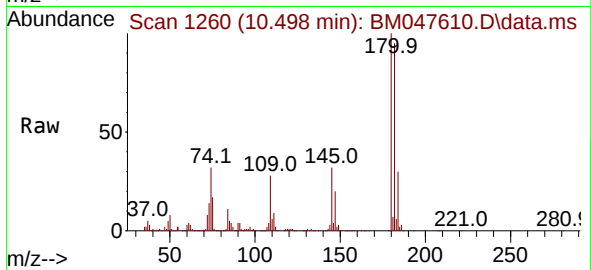
Tgt Ion:162 Resp: 1053628
Ion Ratio Lower Upper
162 100
164 63.9 43.9 83.9
98 39.4 20.3 60.3





#30
1,2,4-Trichlorobenzene
Concen: 47.220 ng
RT: 10.498 min Scan# 1111349
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

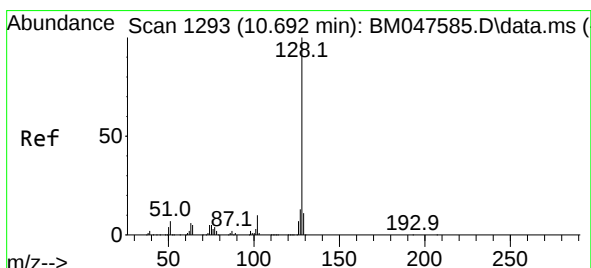
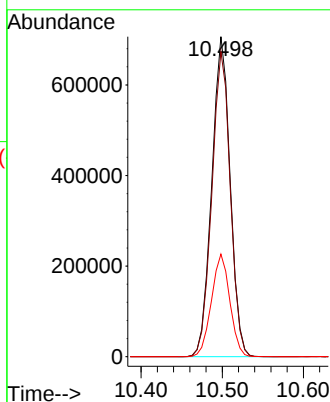
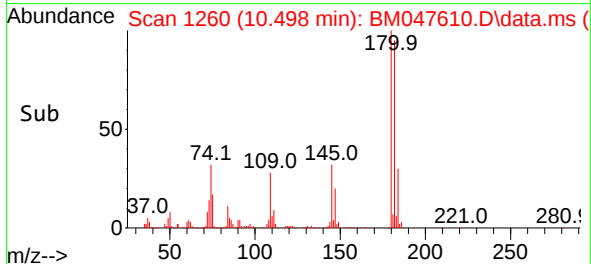
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:180 Resp: 1111349
Ion Ratio Lower Upper
180 100
182 95.3 76.6 115.0
145 32.0 26.2 39.2

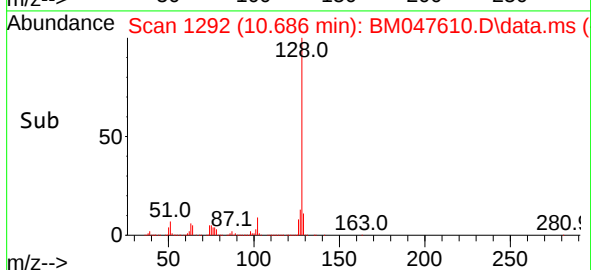
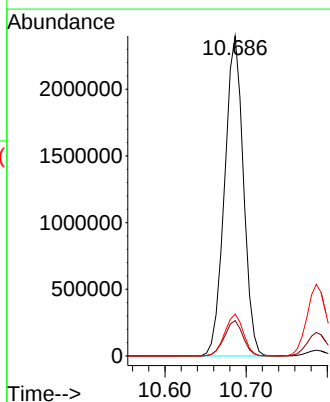
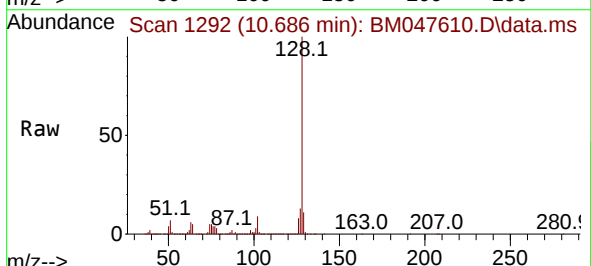
Manual Integrations
APPROVED

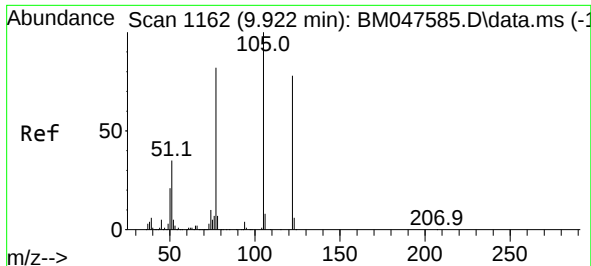
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#31
Naphthalene
Concen: 46.331 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

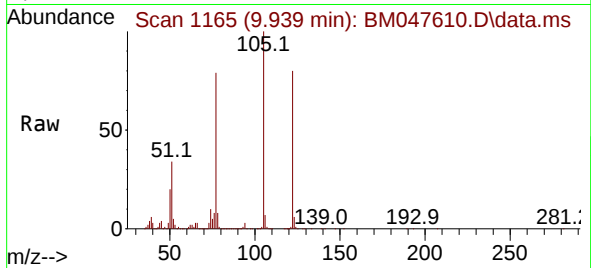
Tgt Ion:128 Resp: 3850389
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.3 15.5





#32
Benzoic acid
Concen: 52.494 ng
RT: 9.939 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

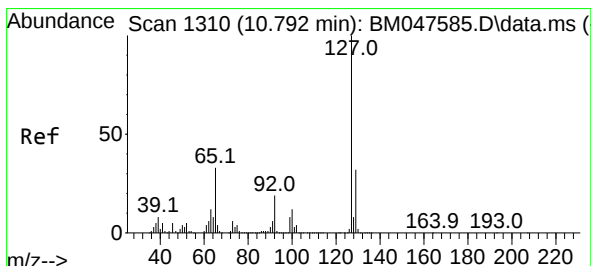
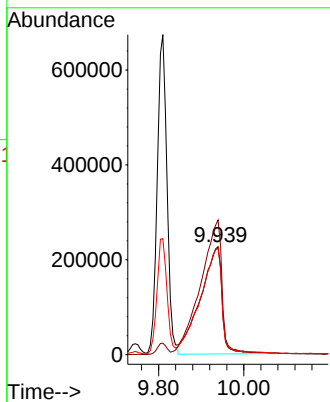
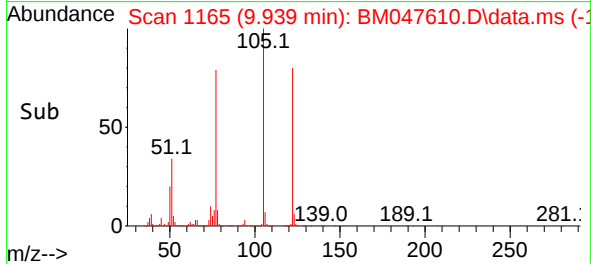
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:122 Resp: 79930
Ion Ratio Lower Upper
122 100
105 124.7 103.1 143.1
77 99.0 82.4 122.4

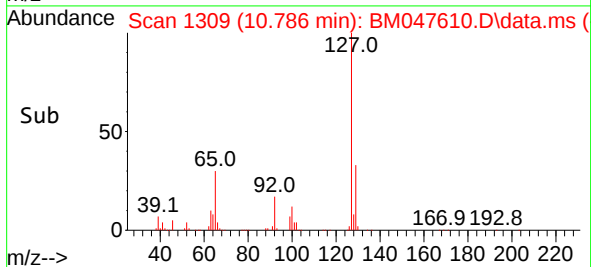
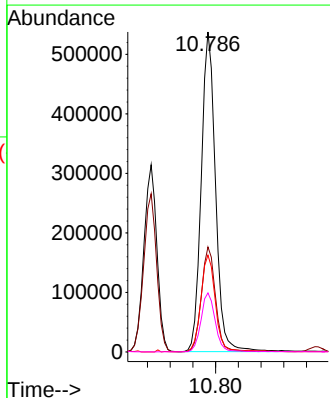
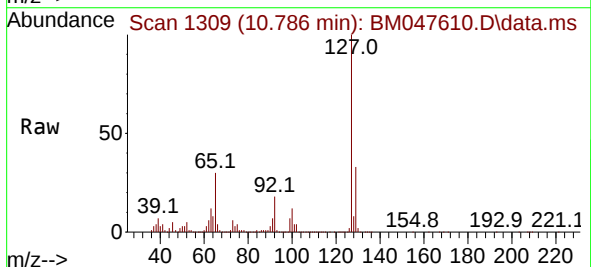
Manual Integrations
APPROVED

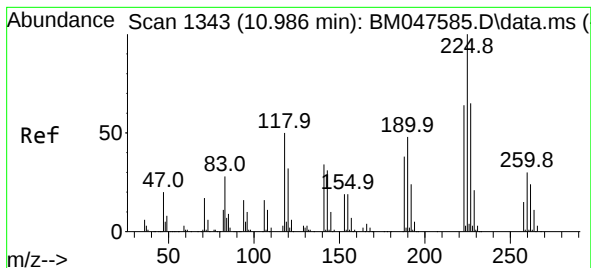
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#33
4-Chloroaniline
Concen: 31.935 ng
RT: 10.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion:127 Resp: 935681
Ion Ratio Lower Upper
127 100
129 32.8 25.6 38.4
65 30.2 26.1 39.1
92 18.5 14.9 22.3





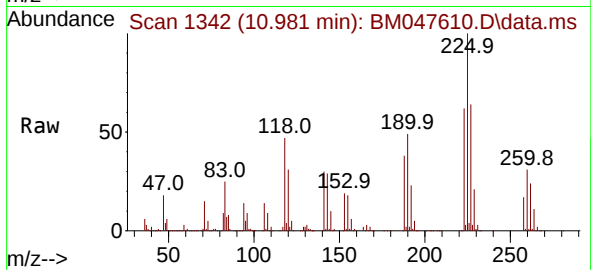
#34
Hexachlorobutadiene
Concen: 46.077 ng
RT: 10.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

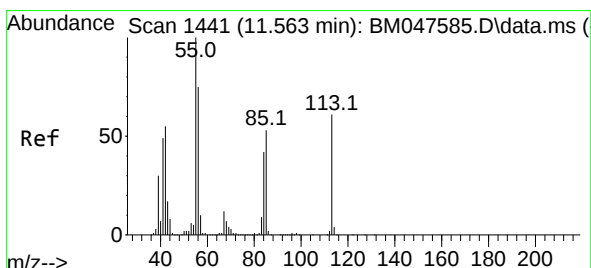
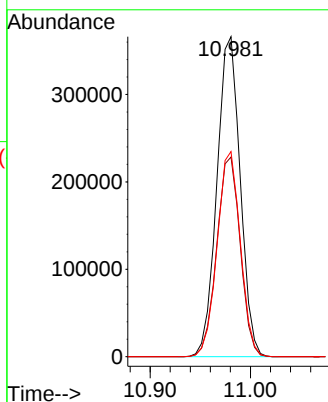
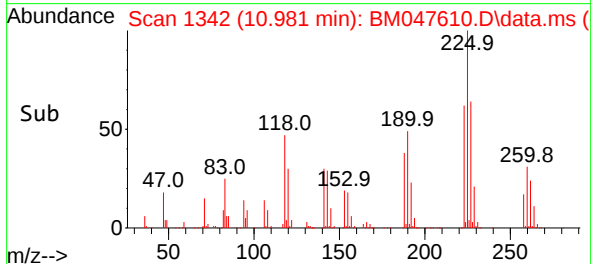


Tgt Ion:225 Resp: 59014
Ion Ratio Lower Upper
225 100
223 62.4 51.4 77.0
227 64.1 52.1 78.1

Manual Integrations

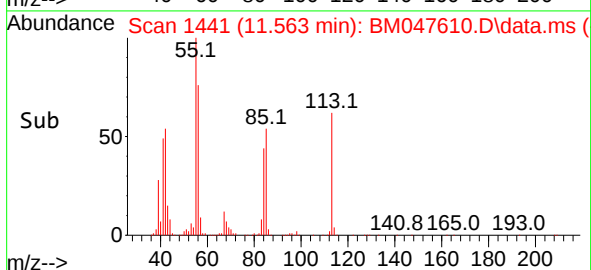
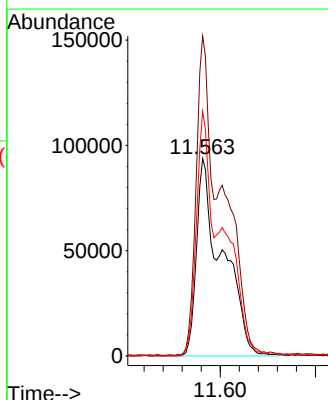
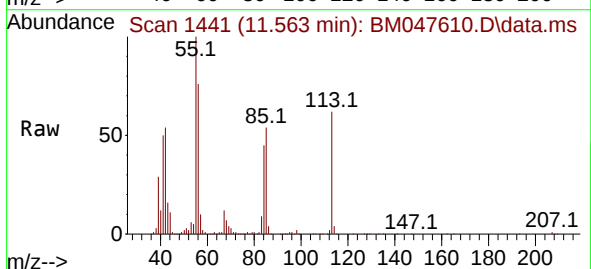
APPROVED

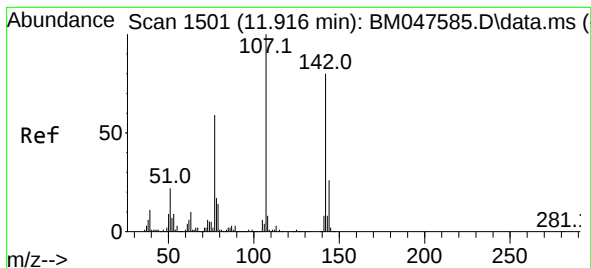
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#35
Caprolactam
Concen: 49.059 ng m
RT: 11.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

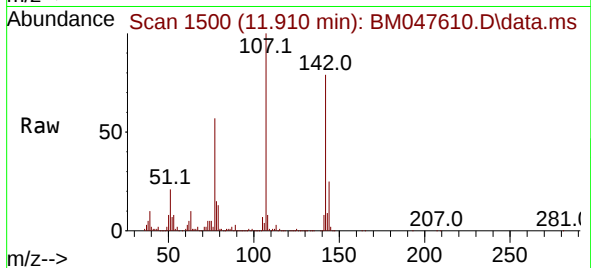
Tgt Ion:113 Resp: 350161
Ion Ratio Lower Upper
113 100
55 162.1 145.5 185.5
56 124.0 103.9 143.9





#36
4-Chloro-3-methylphenol
Concen: 48.880 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

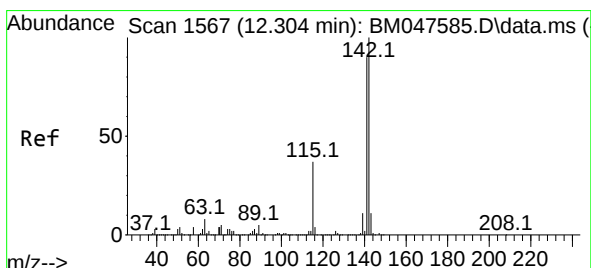
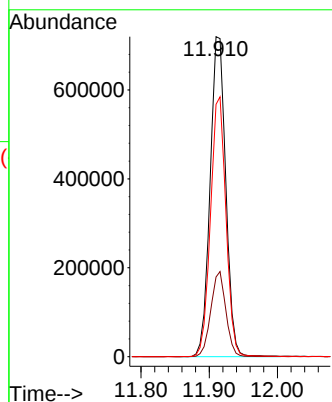
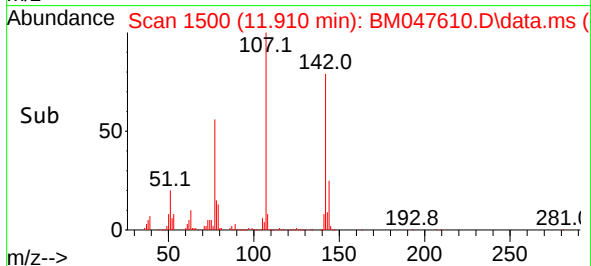
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:107 Resp: 1151598
Ion Ratio Lower Upper
107 100
144 24.9 20.7 31.1
142 78.8 63.9 95.9

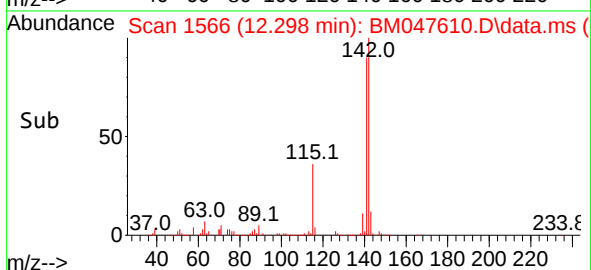
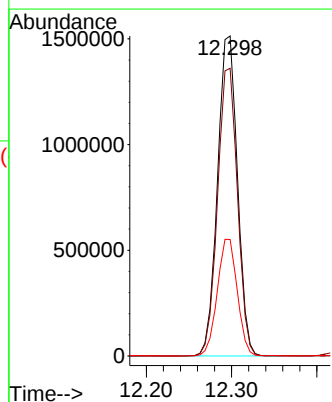
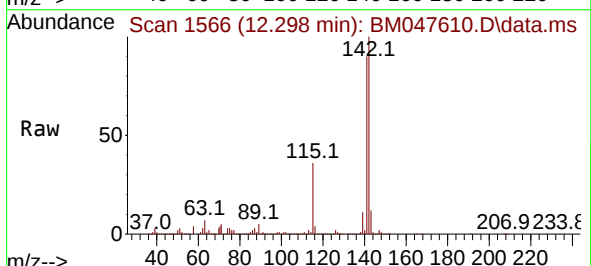
Manual Integrations
APPROVED

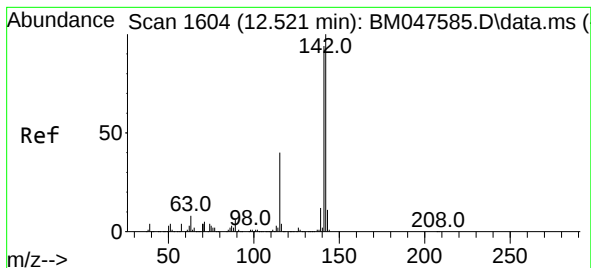
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#37
2-Methylnaphthalene
Concen: 47.043 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

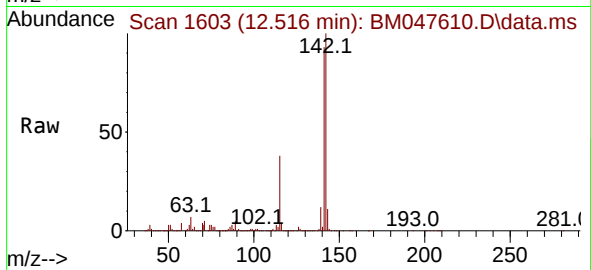
Tgt Ion:142 Resp: 2456257
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
115 36.4 29.5 44.3





#38
1-Methylnaphthalene
Concen: 45.645 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

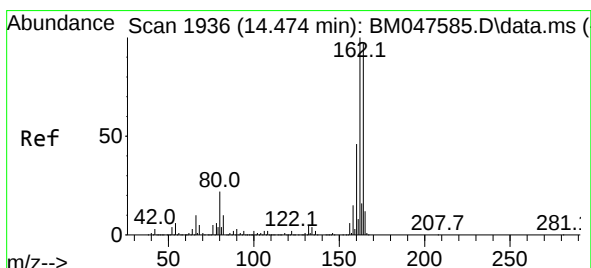
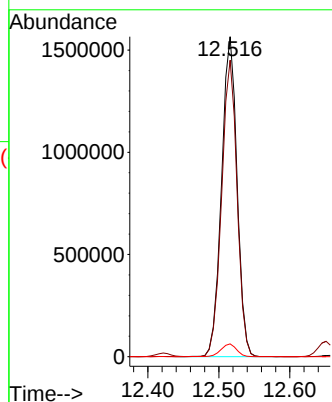
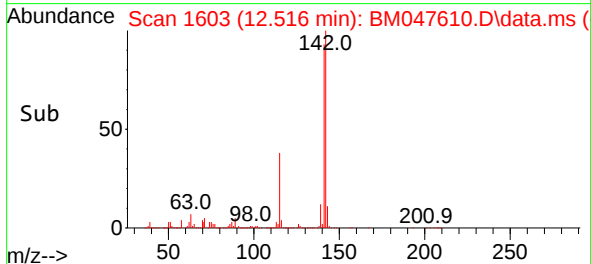
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:142 Resp: 236425
Ion Ratio Lower Upper
142 100
141 92.7 75.3 112.9
116 4.0 3.0 4.4

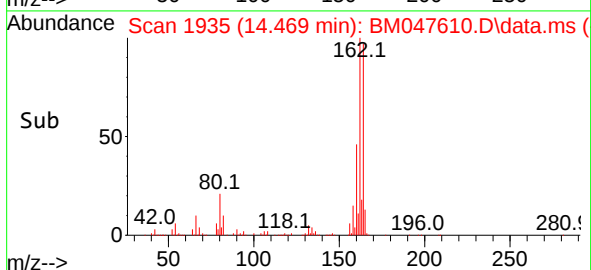
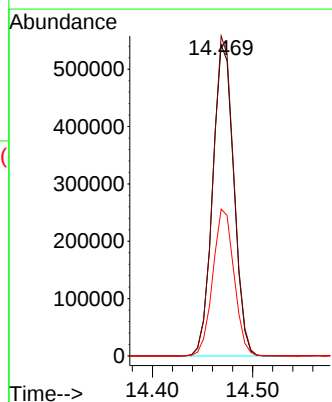
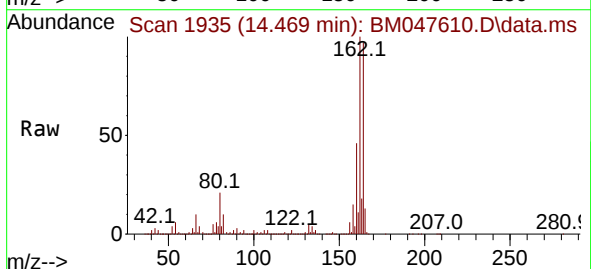
Manual Integrations
APPROVED

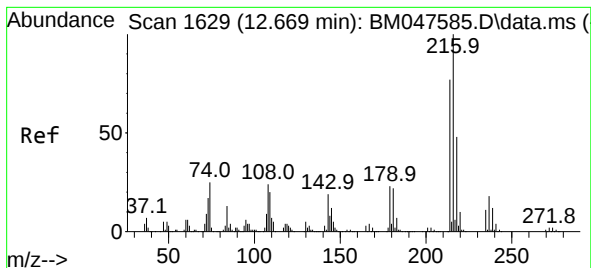
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion:164 Resp: 794692
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 47.2 37.8 56.6





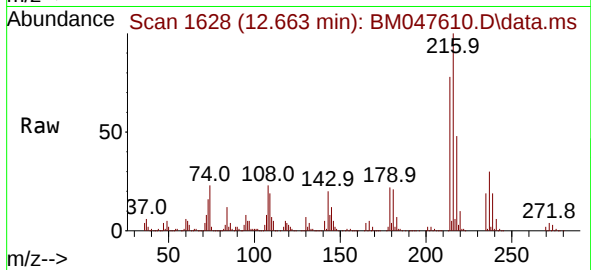
#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.250 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS



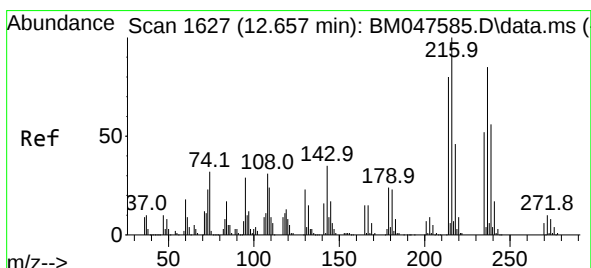
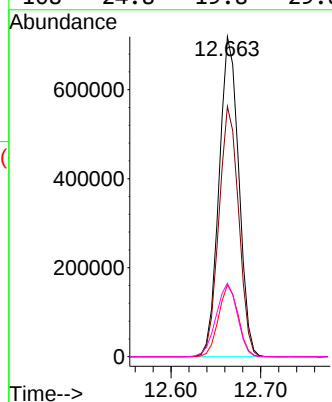
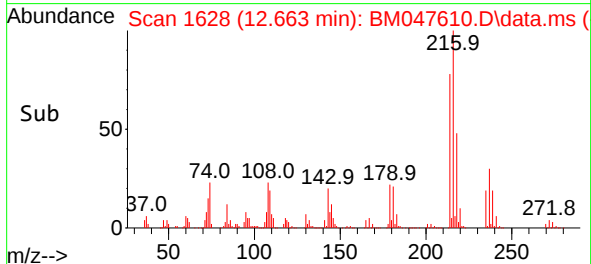
Tgt Ion:216 Resp: 1095749
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 22.3 18.5 27.7
108 24.8 19.8 29.8

Manual Integrations

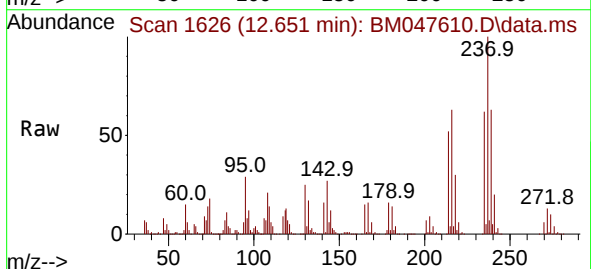
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

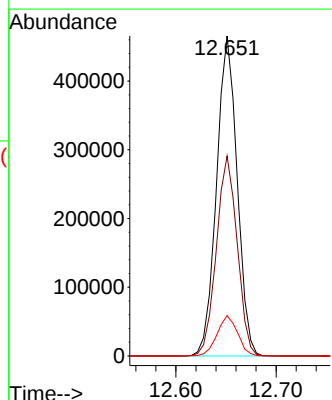
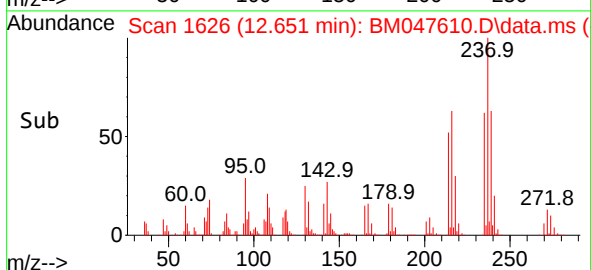
Supervised By :mohammad ahmed 09/25/2024

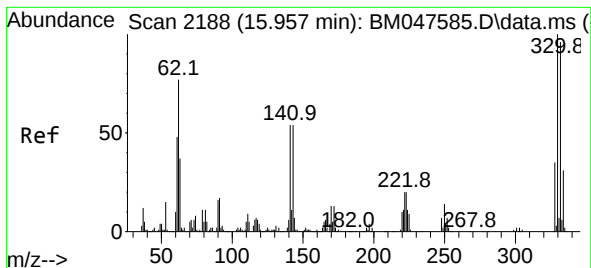


#41
Hexachlorocyclopentadiene
Concen: 95.876 ng
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



Tgt Ion:237 Resp: 663830
Ion Ratio Lower Upper
237 100
235 62.5 41.2 81.2
272 12.7 0.0 32.0





#42
2,4,6-Tribromophenol
Concen: 166.356 ng
RT: 15.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

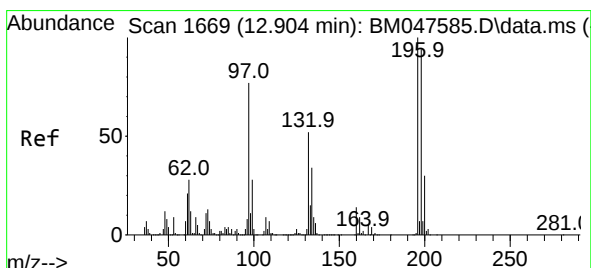
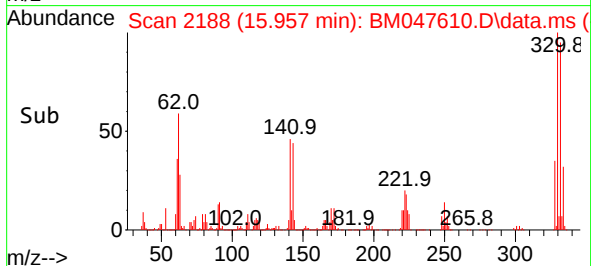
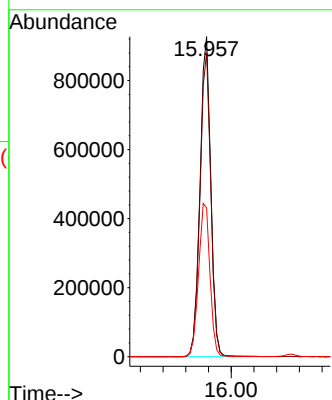
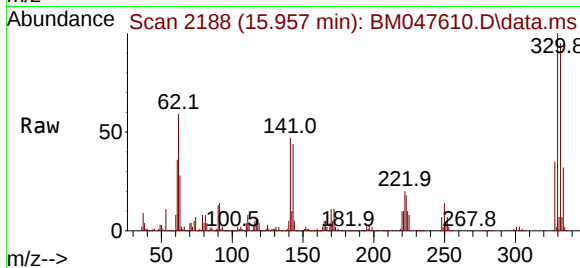
PB163606BS

Tgt Ion:330 Resp: 122414
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 50.8 45.9 68.9

Manual Integrations

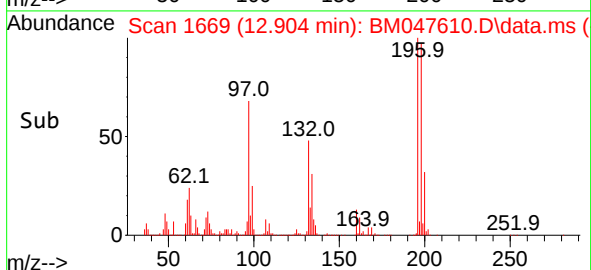
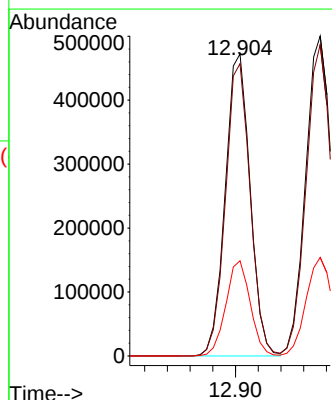
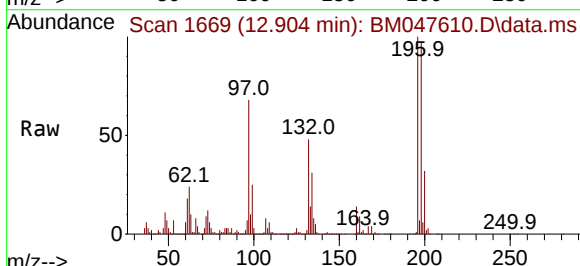
APPROVED

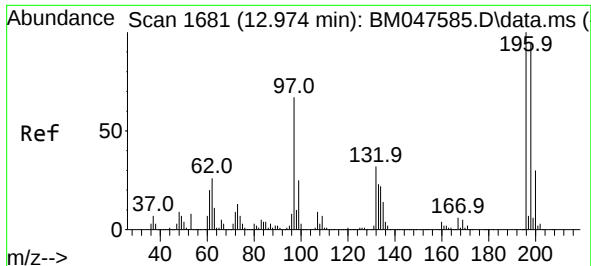
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#43
2,4,6-Trichlorophenol
Concen: 52.748 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion:196 Resp: 718938
Ion Ratio Lower Upper
196 100
198 96.7 75.5 113.3
200 31.5 24.3 36.5





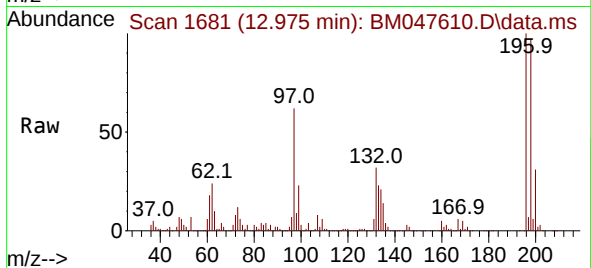
#44
2,4,5-Trichlorophenol
Concen: 52.739 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS



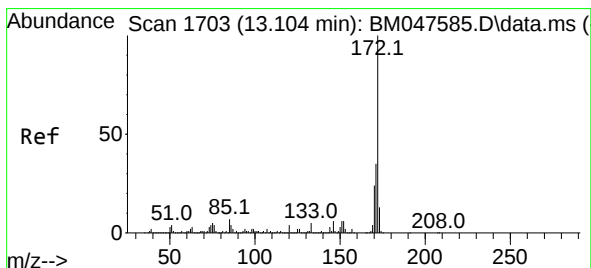
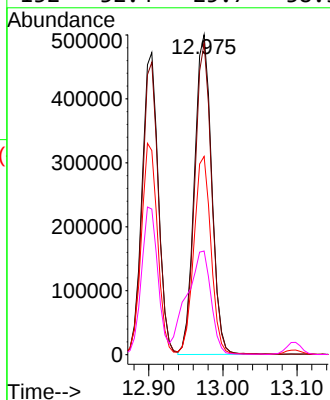
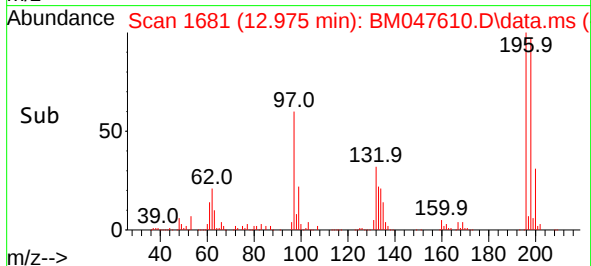
Tgt Ion:196 Resp: 807960
Ion Ratio Lower Upper
196 100
198 97.3 75.5 113.3
97 62.0 53.5 80.3
132 32.4 25.7 38.5

Manual Integrations

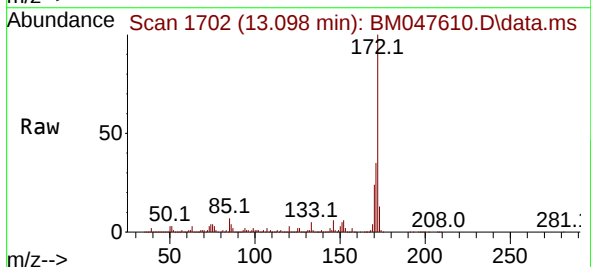
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

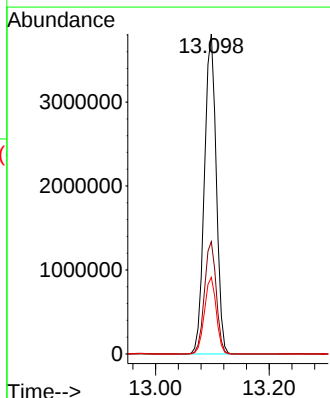
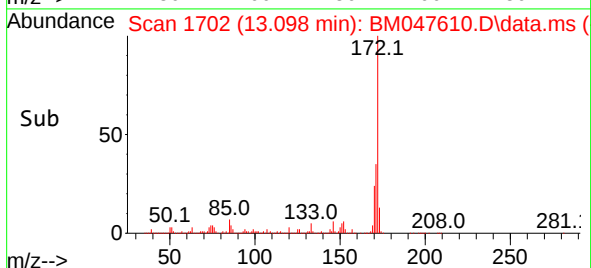
Supervised By :mohammad ahmed 09/25/2024

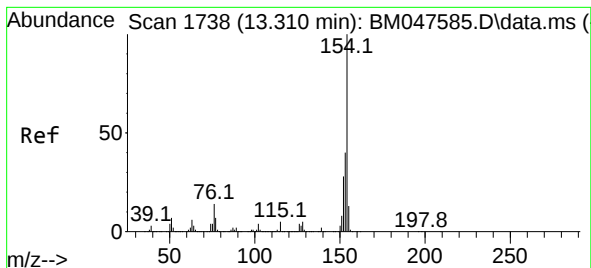


#45
2-Fluorobiphenyl
Concen: 97.547 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



Tgt Ion:172 Resp: 5478540
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.9 19.0 28.6





#46

1,1'-Biphenyl

Concen: 49.620 ng

RT: 13.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

Tgt Ion:154 Resp: 304533

Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

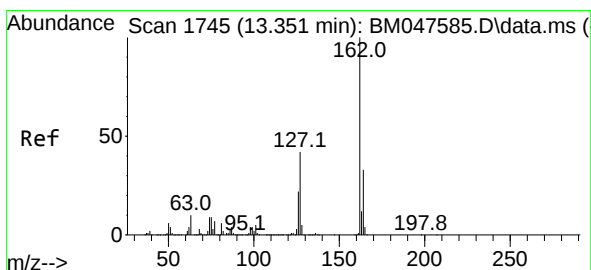
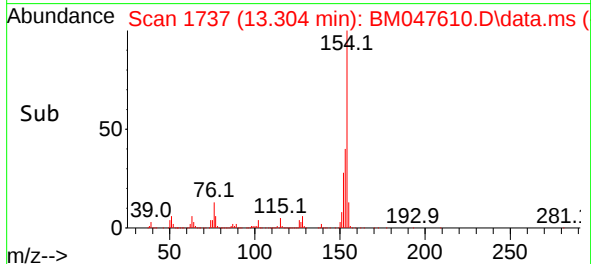
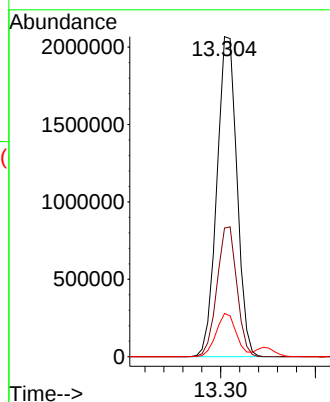
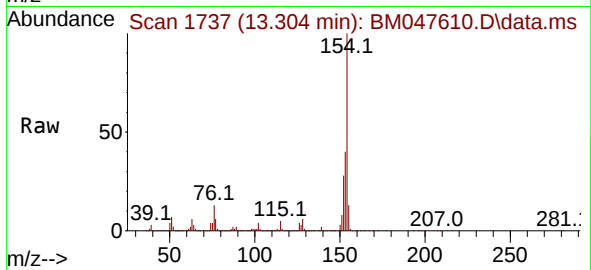
76 13.5 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#47

2-Chloronaphthalene

Concen: 48.767 ng

RT: 13.345 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

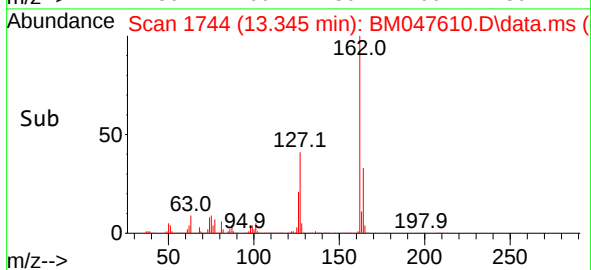
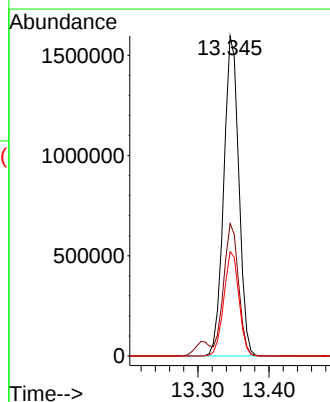
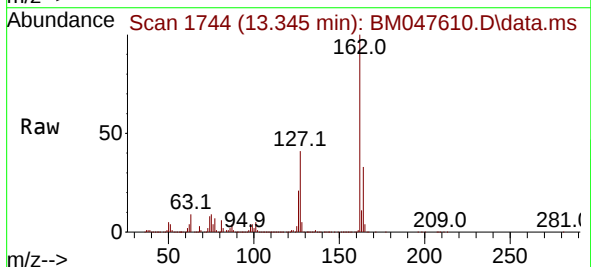
Tgt Ion:162 Resp: 2341877

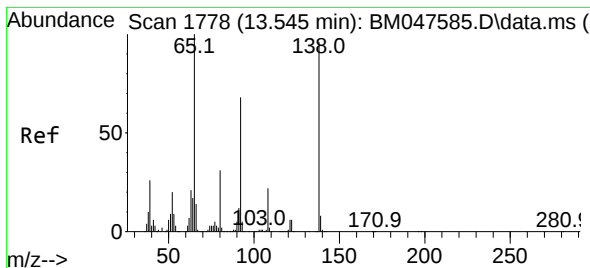
Ion Ratio Lower Upper

162 100

127 41.3 33.8 50.6

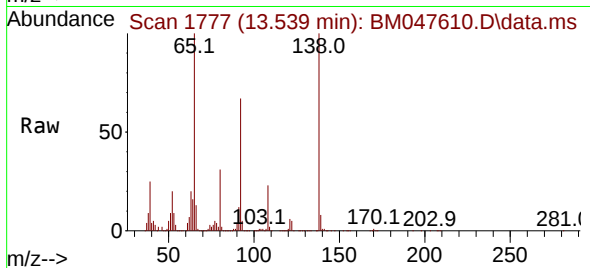
164 32.6 26.2 39.4





#48
2-Nitroaniline
Concen: 52.086 ng
RT: 13.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

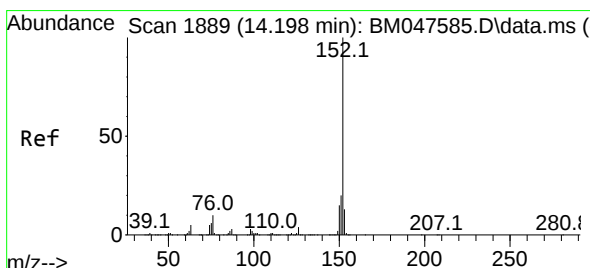
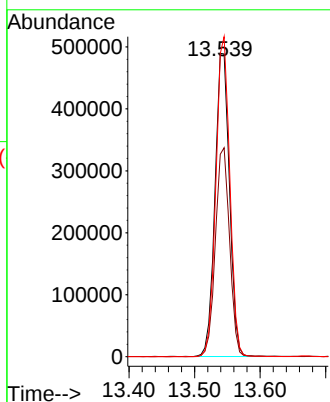
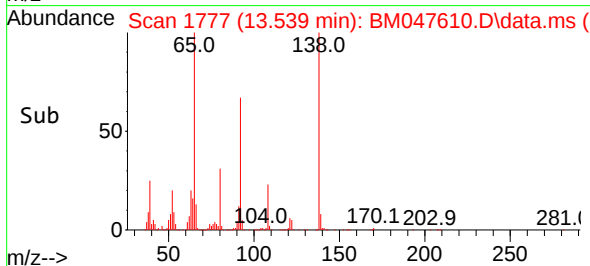
Instrument :
BNA_M
ClientSampleId :
PB163606BS



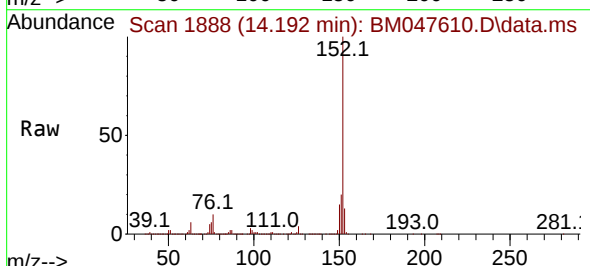
Tgt Ion: 65 Resp: 747049
Ion Ratio Lower Upper
65 100
92 66.7 54.2 81.4
138 99.9 76.6 114.8

Manual Integrations
APPROVED

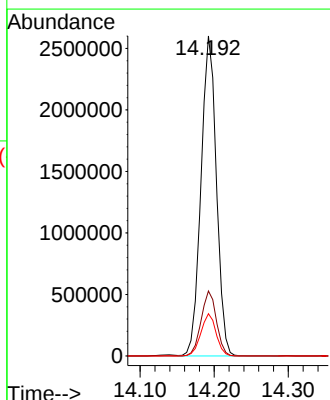
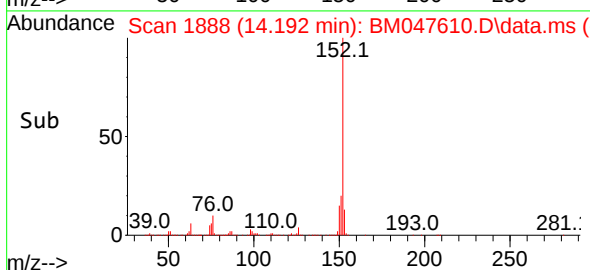
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

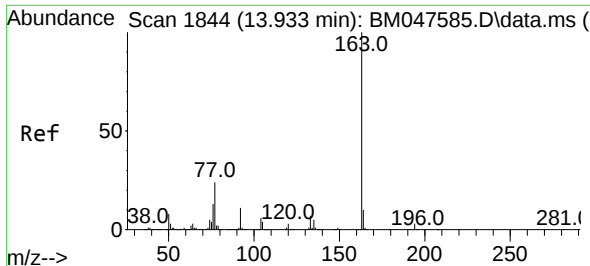


#49
Acenaphthylene
Concen: 54.331 ng
RT: 14.192 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



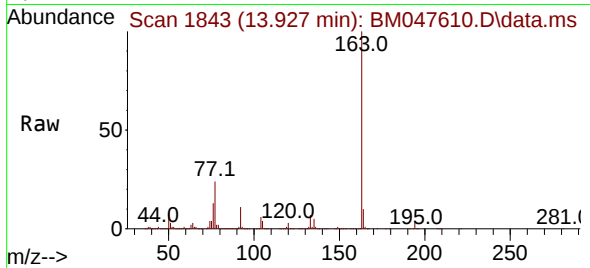
Tgt Ion:152 Resp: 3754571
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.4 15.6





#50
Dimethylphthalate
Concen: 49.318 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

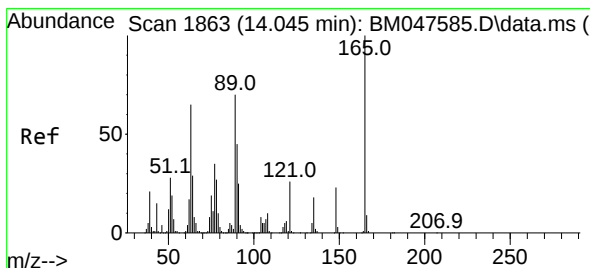
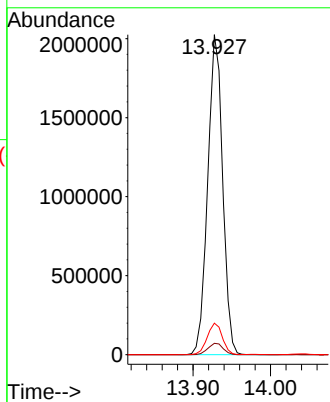
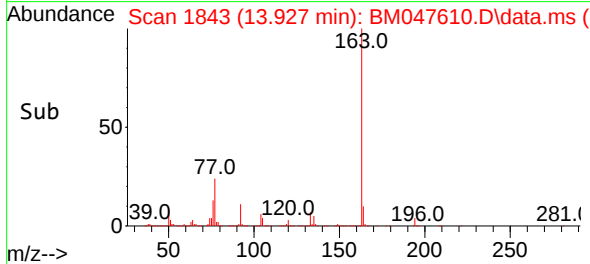
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:163 Resp: 270605
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

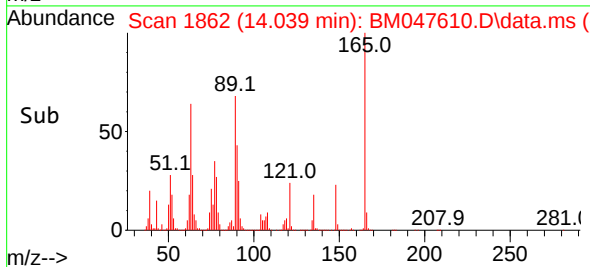
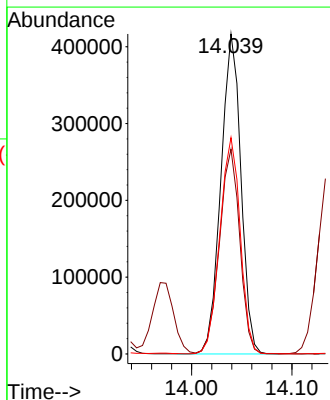
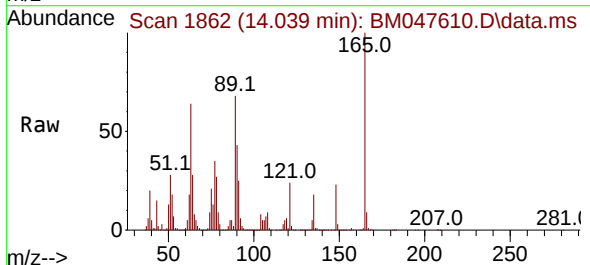
Manual Integrations
APPROVED

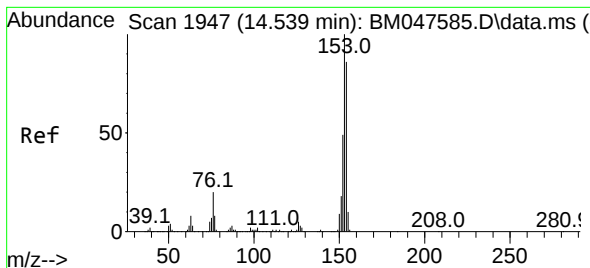
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#51
2,6-Dinitrotoluene
Concen: 50.133 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion:165 Resp: 576321
Ion Ratio Lower Upper
165 100
63 64.0 53.0 79.6
89 67.6 56.4 84.6





#52

Acenaphthene

Concen: 50.102 ng

RT: 14.533 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

Tgt Ion:154 Resp: 228733

Ion Ratio Lower Upper

154 100

153 113.7 92.8 139.2

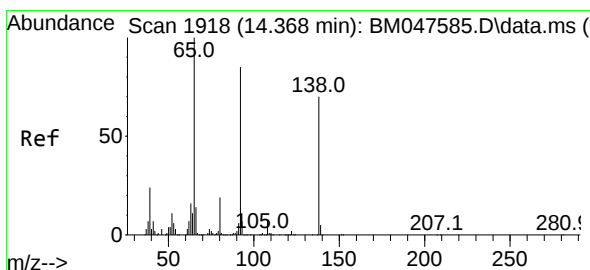
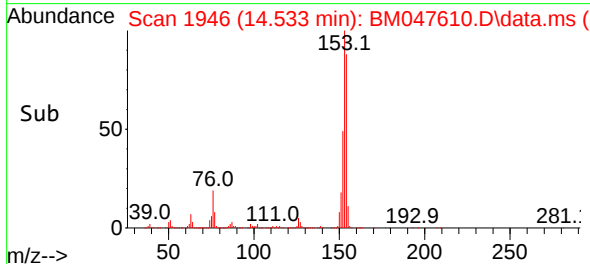
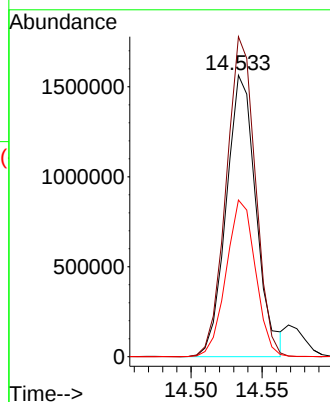
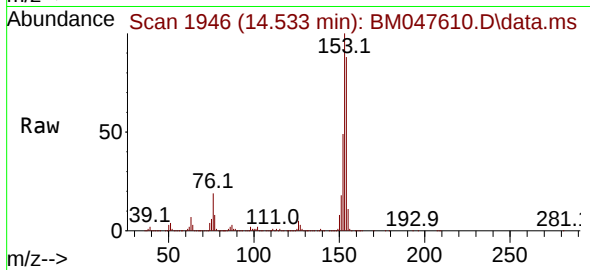
152 55.6 45.7 68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#53

3-Nitroaniline

Concen: 44.666 ng

RT: 14.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

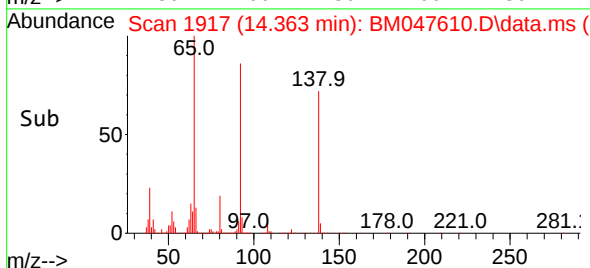
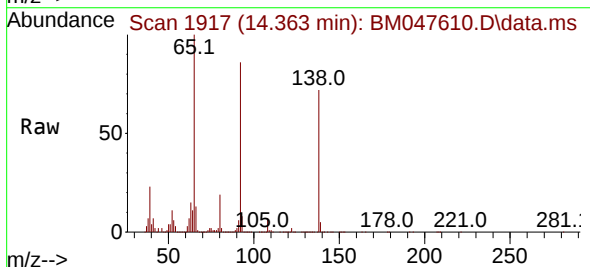
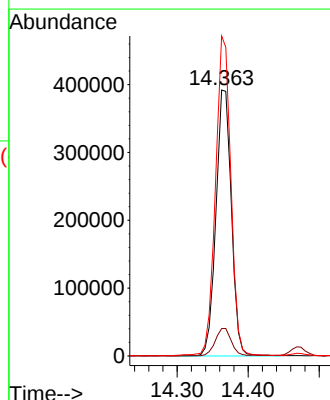
Tgt Ion:138 Resp: 588923

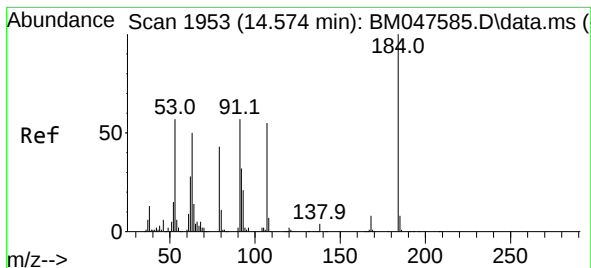
Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

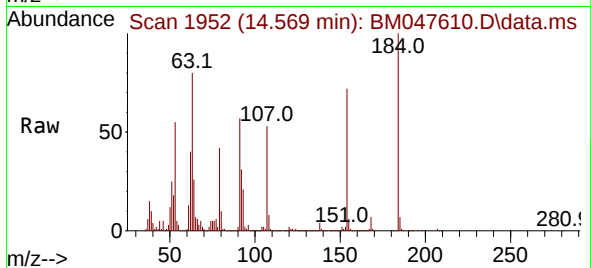
92 120.4 97.0 145.6





#54
2,4-Dinitrophenol
Concen: 65.064 ng
RT: 14.569 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

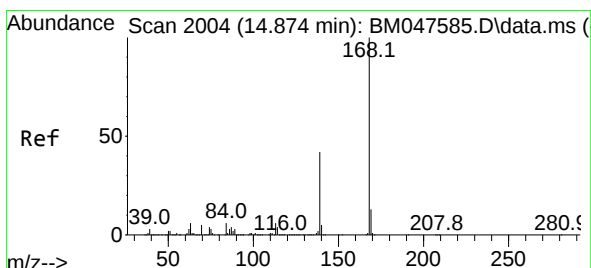
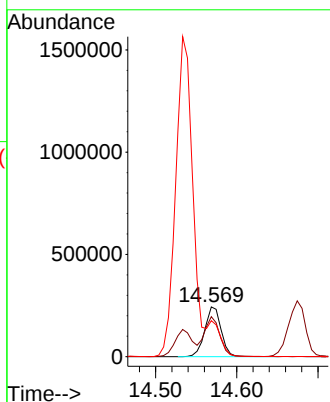
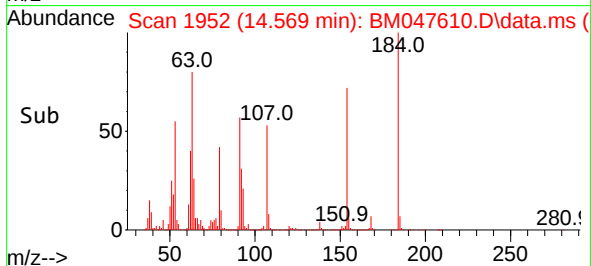
Instrument :
BNA_M
ClientSampleId :
PB163606BS



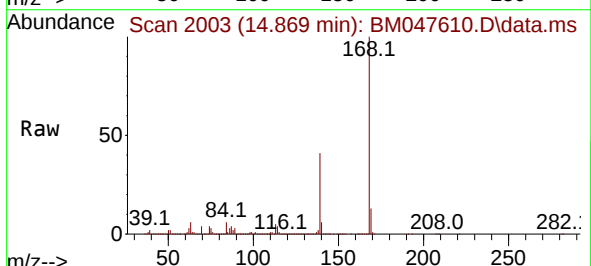
Tgt Ion:184 Resp: 339070
Ion Ratio Lower Upper
184 100
63 80.4 69.0 103.6
154 72.3 59.7 89.5

Manual Integrations
APPROVED

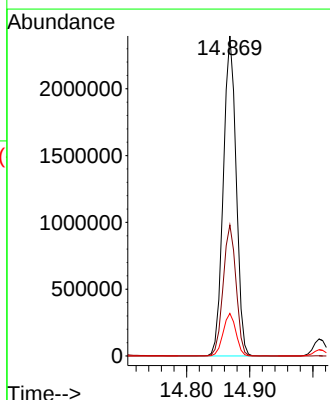
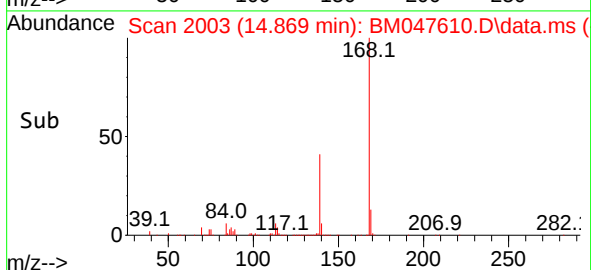
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

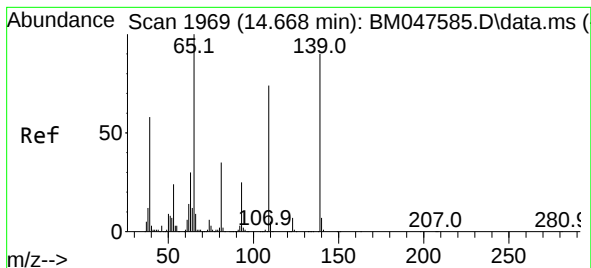


#55
Dibenzofuran
Concen: 50.649 ng
RT: 14.869 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



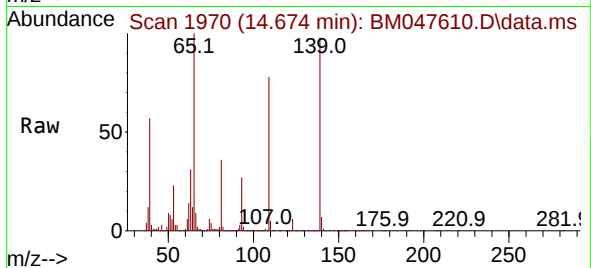
Tgt Ion:168 Resp: 3379096
Ion Ratio Lower Upper
168 100
139 40.9 33.4 50.2
169 13.3 10.4 15.6





#56
4-Nitrophenol
Concen: 113.895 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

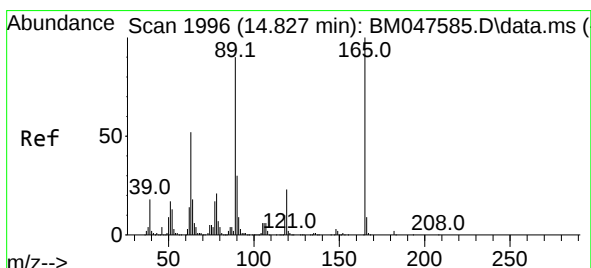
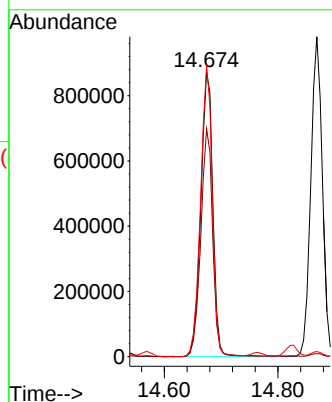
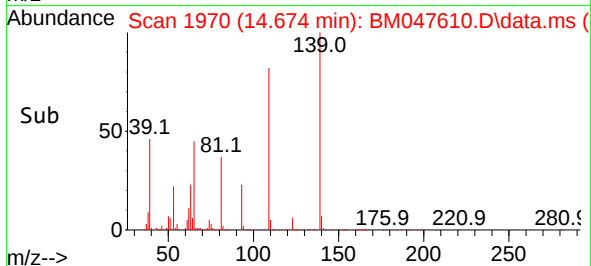
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:139 Resp: 128679
Ion Ratio Lower Upper
139 100
109 80.1 63.1 103.1
65 102.6 91.8 131.8

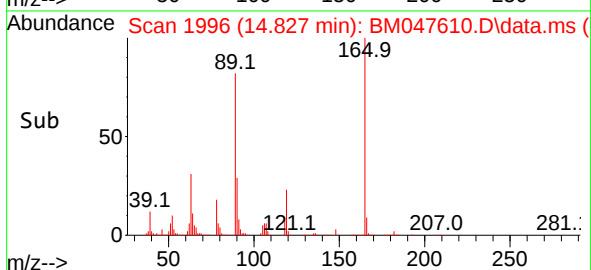
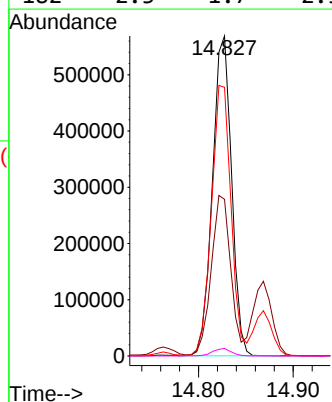
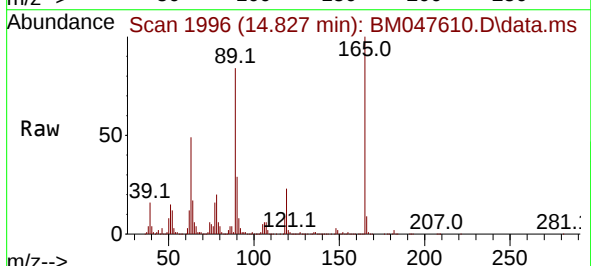
Manual Integrations
APPROVED

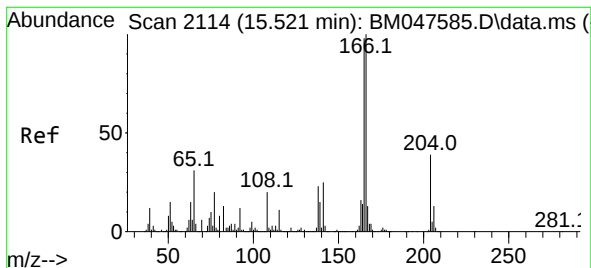
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#57
2,4-Dinitrotoluene
Concen: 51.894 ng
RT: 14.827 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion:165 Resp: 794938
Ion Ratio Lower Upper
165 100
63 49.0 41.6 62.4
89 84.0 71.7 107.5
182 2.3 1.7 2.5





#58

Fluorene

Concen: 50.073 ng

RT: 15.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BM047610.D

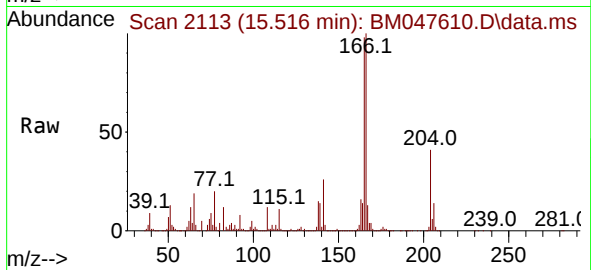
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS



Tgt Ion:166 Resp: 295660

Ion Ratio Lower Upper

166 100

165 98.1 78.4 117.6

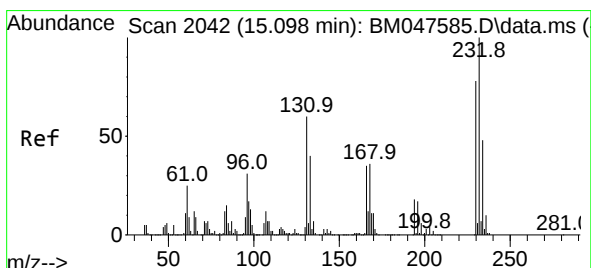
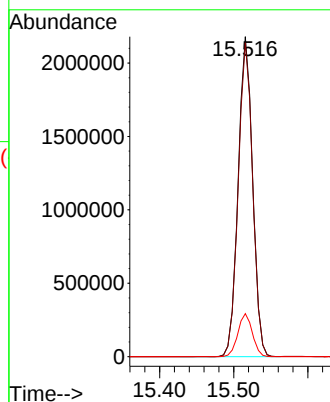
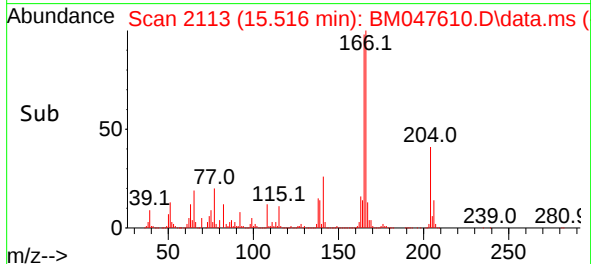
167 13.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#59

2,3,4,6-Tetrachlorophenol

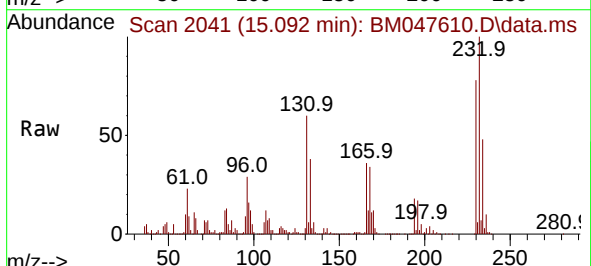
Concen: 53.569 ng

RT: 15.092 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05



Tgt Ion:232 Resp: 627331

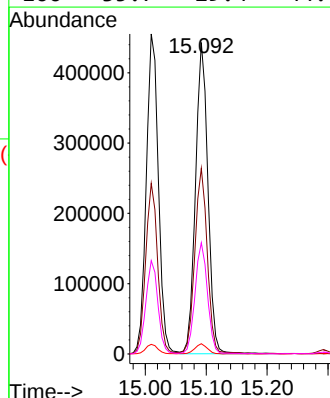
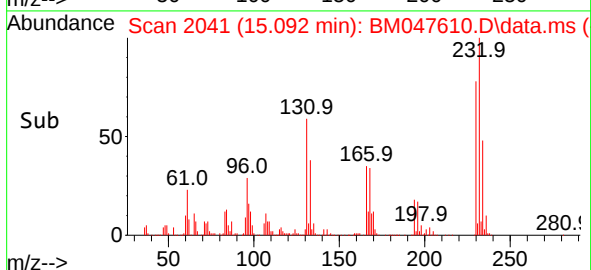
Ion Ratio Lower Upper

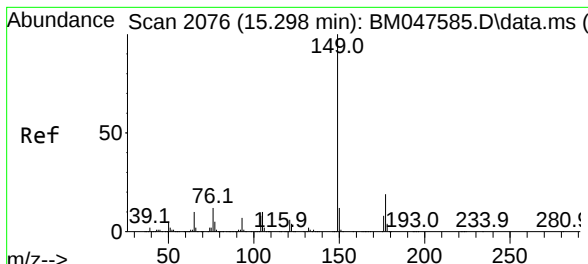
232 100

131 59.8 50.3 75.5

130 3.3 3.0 4.4

166 35.7 29.4 44.0





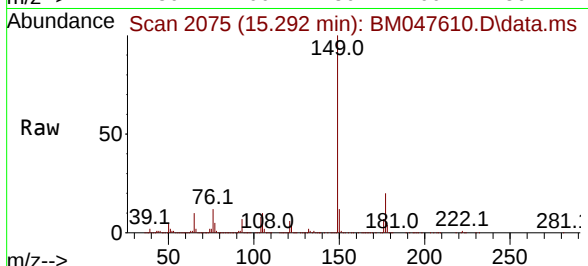
#60
 Diethylphthalate
 Concen: 49.500 ng
 RT: 15.292 min Scan# 2075
 Delta R.T. -0.006 min
 Lab File: BM047610.D
 Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS



Tgt Ion:149 Resp: 2895564

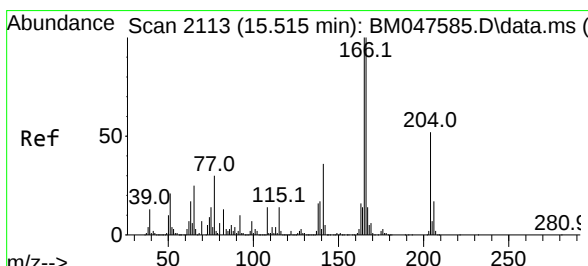
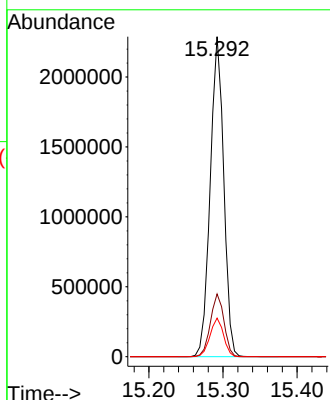
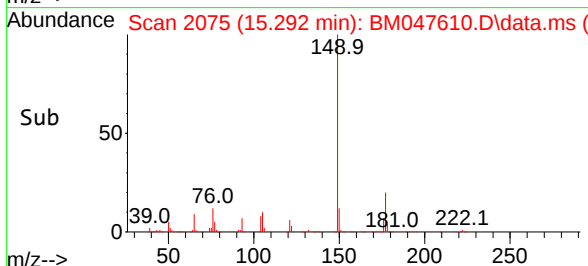
Ion	Ratio	Lower	Upper
149	100		
177	19.6	15.4	23.0
150	12.0	9.4	14.0

Manual Integrations

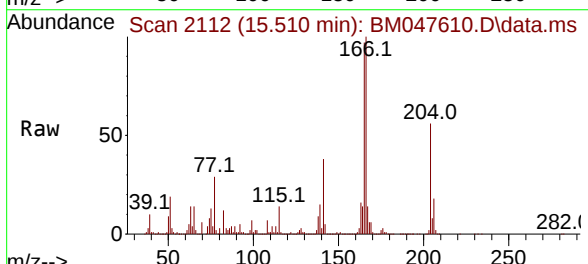
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024

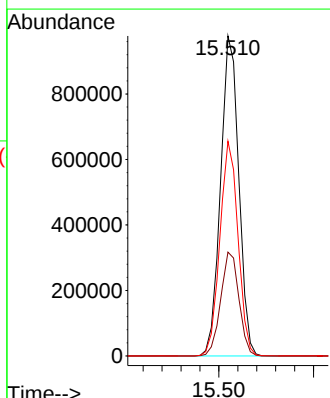
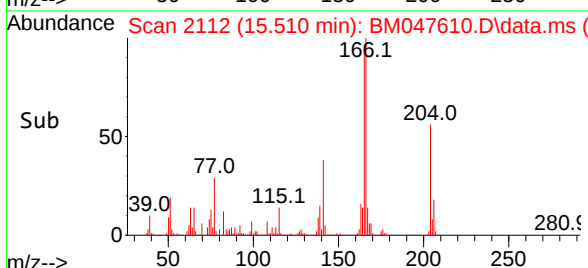


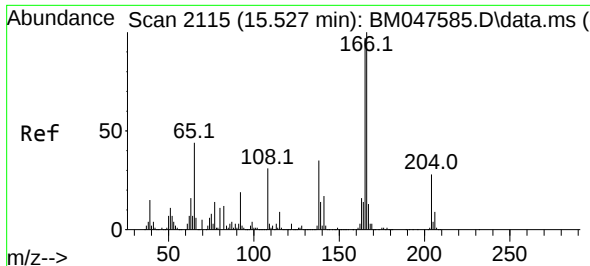
#61
 4-Chlorophenyl-phenylether
 Concen: 50.530 ng
 RT: 15.510 min Scan# 2112
 Delta R.T. -0.006 min
 Lab File: BM047610.D
 Acq: 23 Sep 2024 19:05



Tgt Ion:204 Resp: 1303669

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	67.1	55.3	82.9





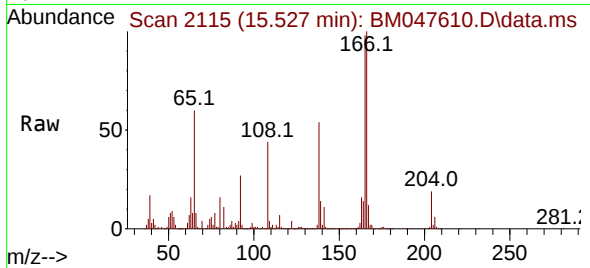
#62
4-Nitroaniline
Concen: 52.507 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

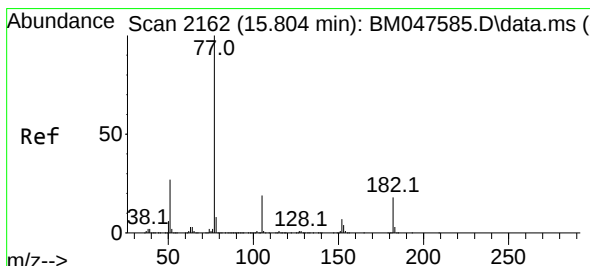
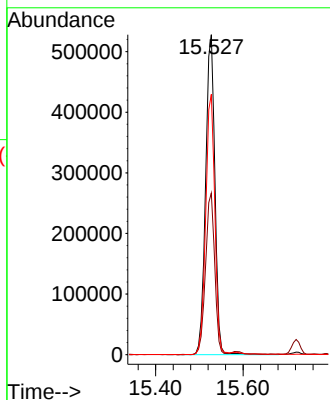
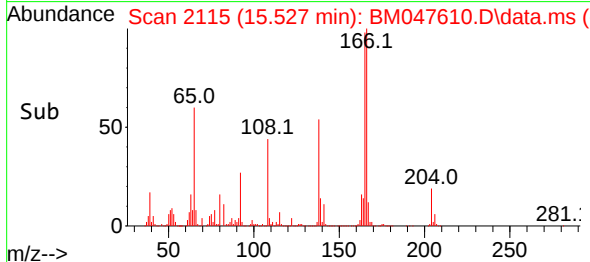


Tgt Ion:138 Resp: 780048
Ion Ratio Lower Upper
138 100
92 50.5 33.3 73.3
108 81.3 66.2 106.2

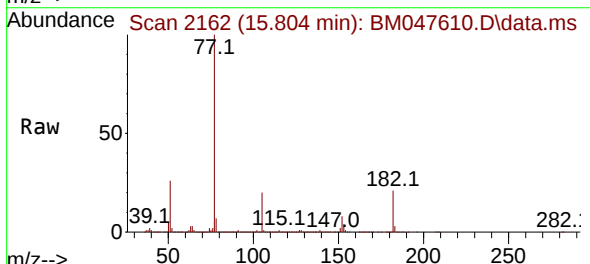
Manual Integrations

APPROVED

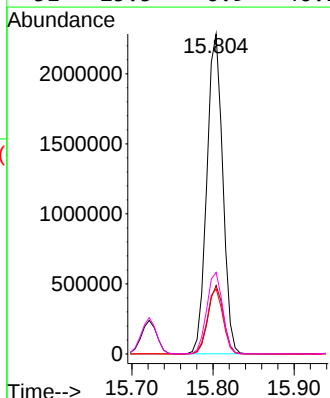
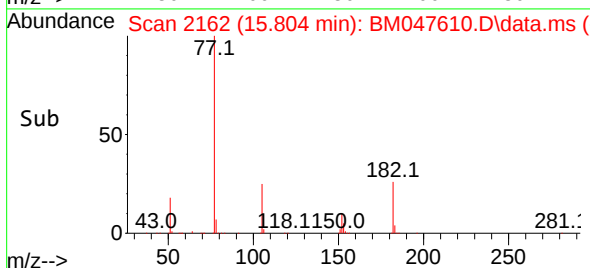
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

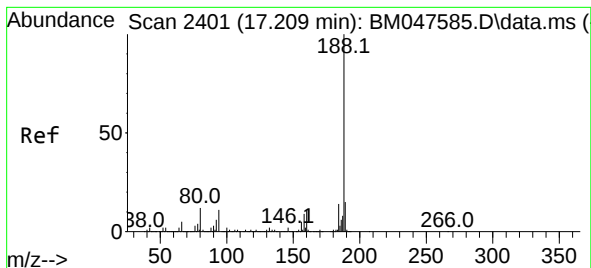


#63
Azobenzene
Concen: 48.339 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



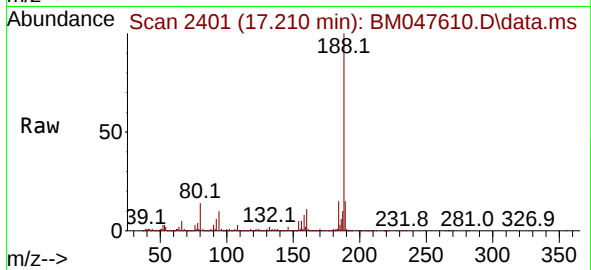
Tgt Ion: 77 Resp: 3091351
Ion Ratio Lower Upper
77 100
182 21.4 0.0 38.2
105 20.3 0.0 38.8
51 25.5 6.9 46.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.001 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

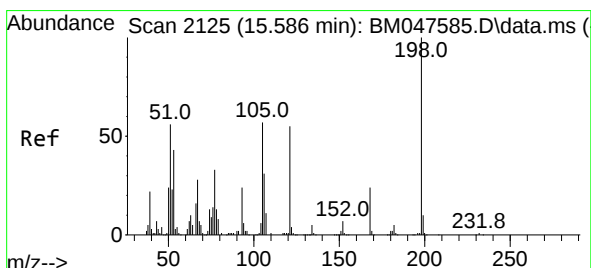
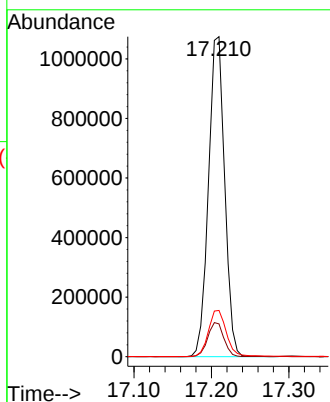
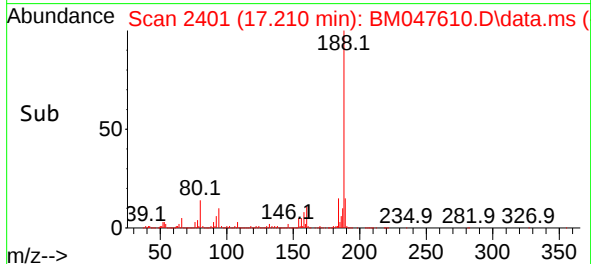
Instrument :
BNA_M
ClientSampleId :
PB163606BS



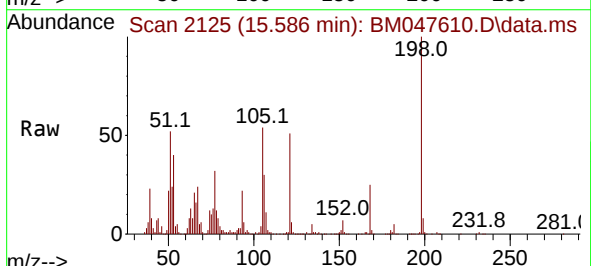
Tgt Ion:188 Resp: 1558440
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 14.5 9.9 14.9

Manual Integrations
APPROVED

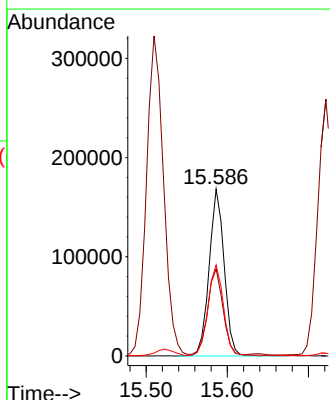
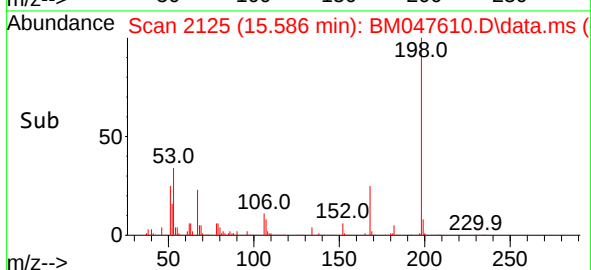
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

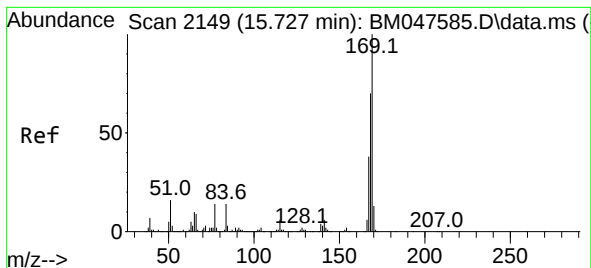


#65
4,6-Dinitro-2-methylphenol
Concen: 29.246 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



Tgt Ion:198 Resp: 215972
Ion Ratio Lower Upper
198 100
51 52.1 38.2 78.2
105 54.5 38.0 78.0





#66

n-Nitrosodiphenylamine

Concen: 50.102 ng

RT: 15.721 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BM047610.D

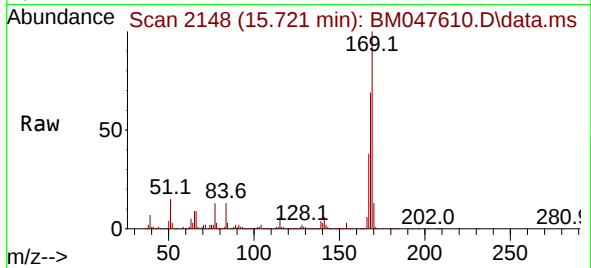
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS



Tgt Ion:169 Resp: 2332058

Ion Ratio Lower Upper

169 100

168 69.1 55.8 83.8

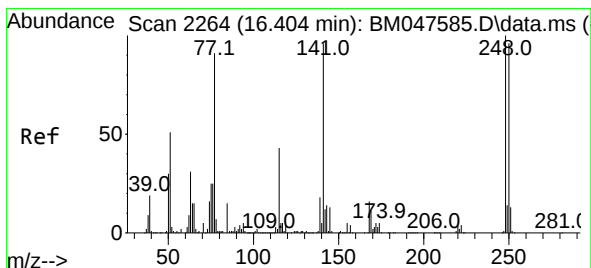
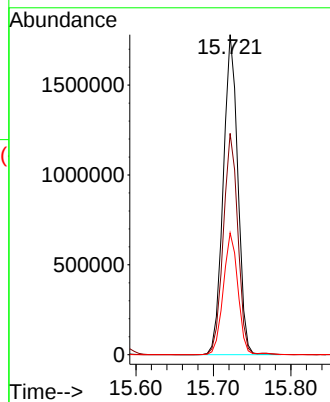
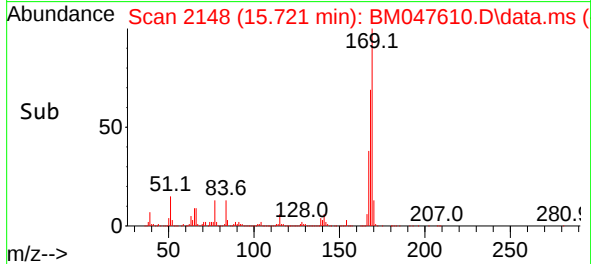
167 38.0 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#67

4-Bromophenyl-phenylether

Concen: 50.471 ng

RT: 16.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

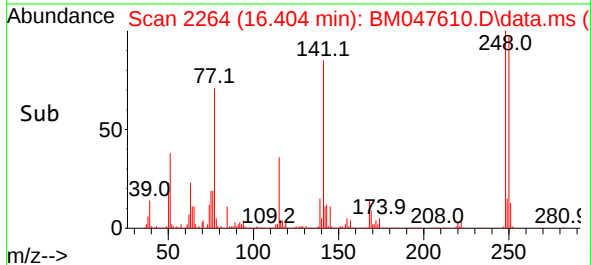
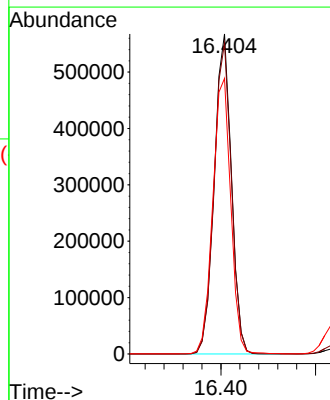
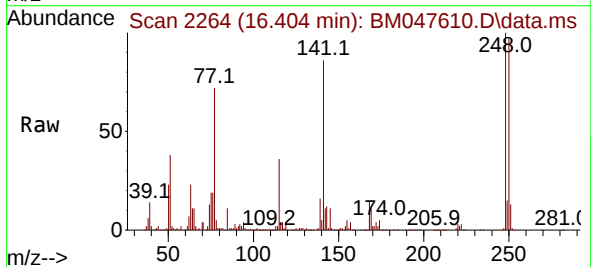
Tgt Ion:248 Resp: 714516

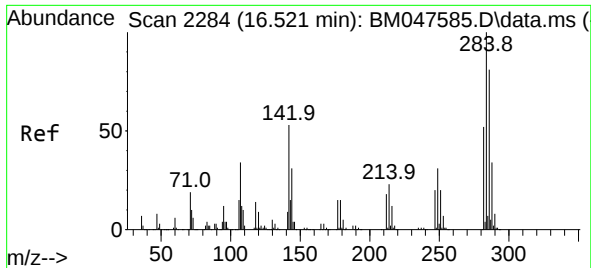
Ion Ratio Lower Upper

248 100

250 97.1 76.7 115.1

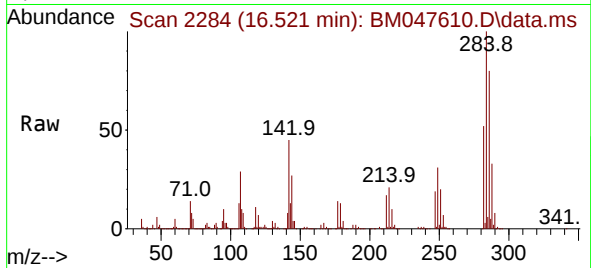
141 86.1 76.7 115.1





#68
Hexachlorobenzene
Concen: 48.525 ng
RT: 16.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

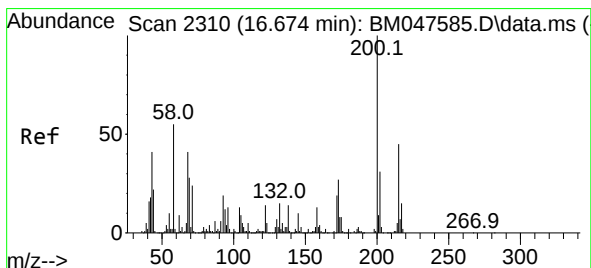
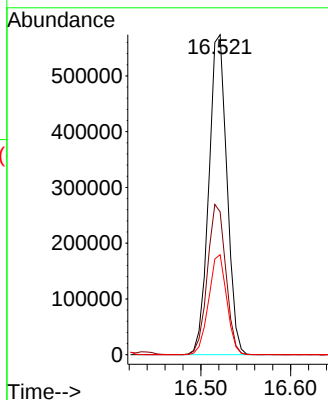
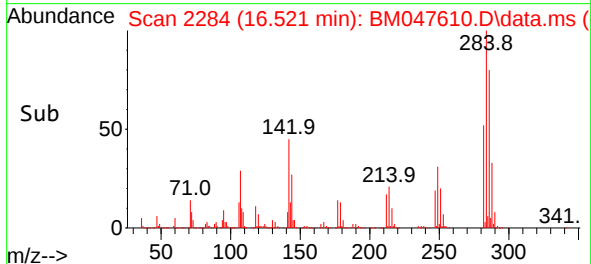
Instrument :
BNA_M
ClientSampleId :
PB163606BS



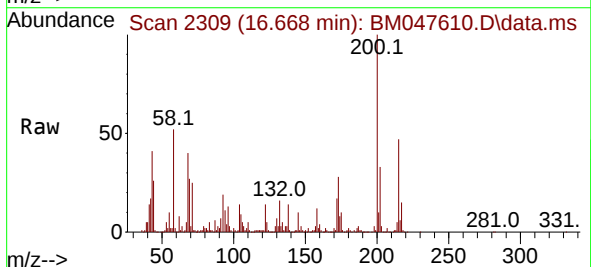
Tgt Ion:284 Resp: 803099
Ion Ratio Lower Upper
284 100
142 44.7 42.5 63.7
249 31.2 25.0 37.6

Manual Integrations
APPROVED

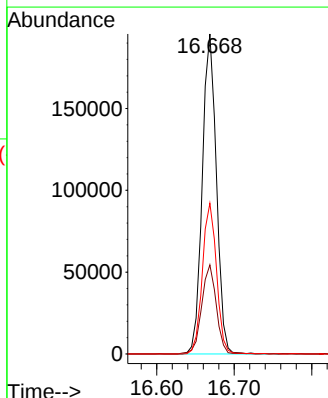
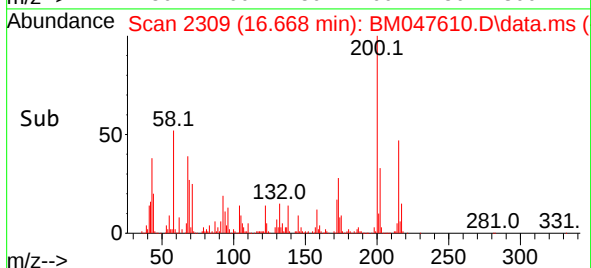
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

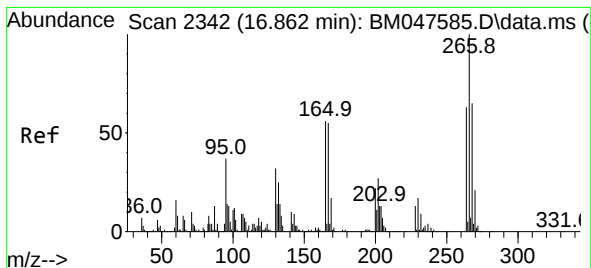


#69
Atrazine
Concen: 22.098 ng
RT: 16.668 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



Tgt Ion:200 Resp: 247626
Ion Ratio Lower Upper
200 100
173 27.8 7.4 47.4
215 47.1 24.5 64.5





#70

Pentachlorophenol

Concen: 90.420 ng

RT: 16.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

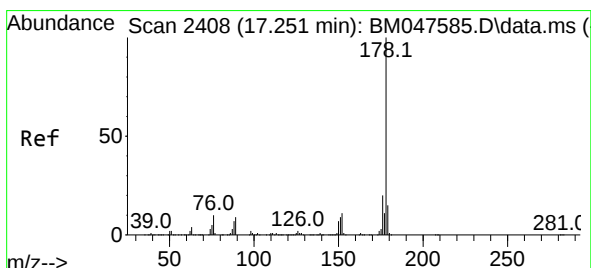
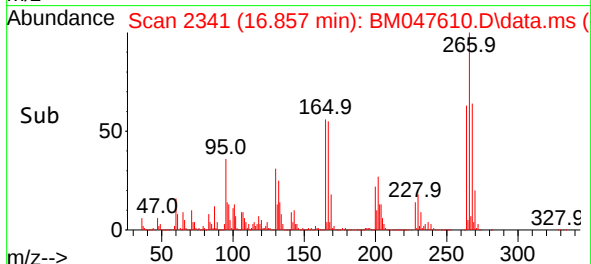
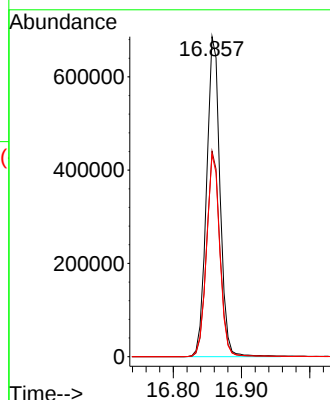
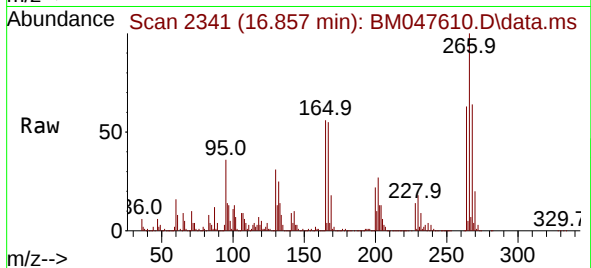
Tgt Ion:266 Resp: 939244
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.2 78.4
 264 63.2 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#71

Phenanthrene

Concen: 50.875 ng

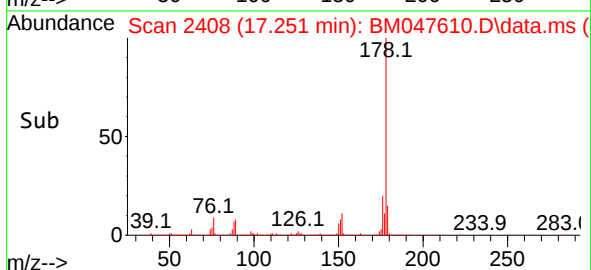
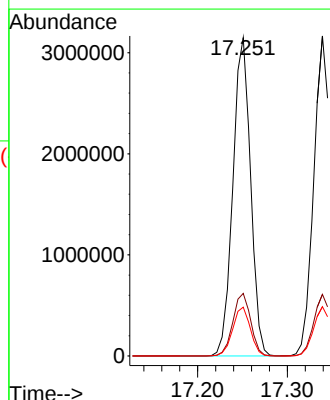
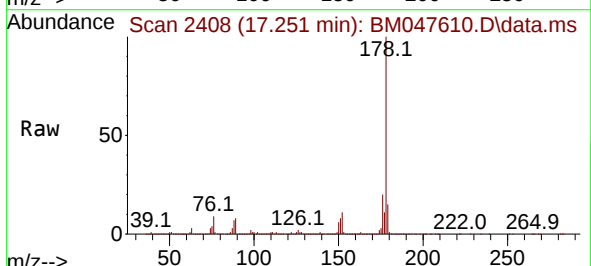
RT: 17.251 min Scan# 2408

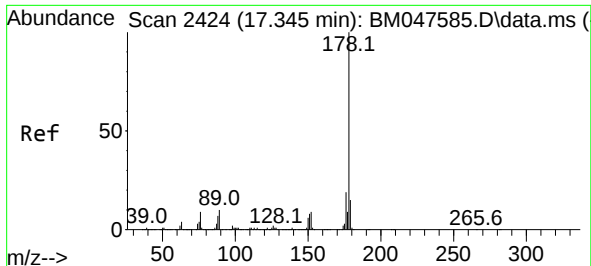
Delta R.T. 0.000 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Tgt Ion:178 Resp: 4303722
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.3 12.2 18.2





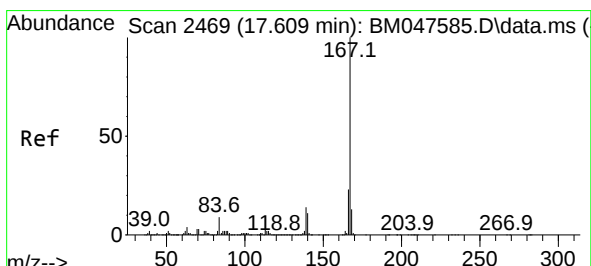
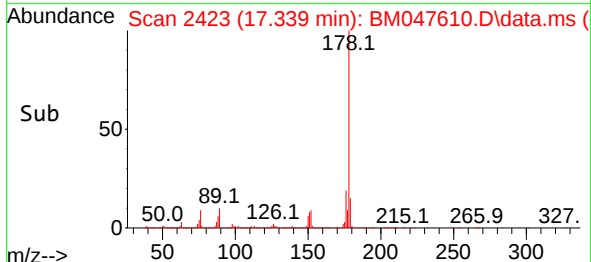
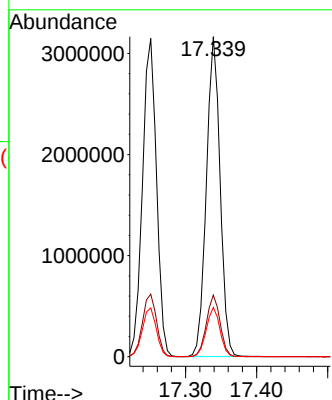
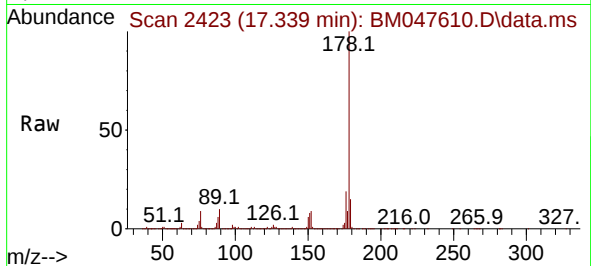
#72
 Anthracene
 Concen: 53.103 ng
 RT: 17.339 min Scan# 2424
 Delta R.T. -0.006 min
 Lab File: BM047610.D
 Acq: 23 Sep 2024 19:05

Instrument :
 BNA_M
 ClientSampleId :
 PB163606BS

Tgt Ion:178 Resp: 4256160
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.2 18.2

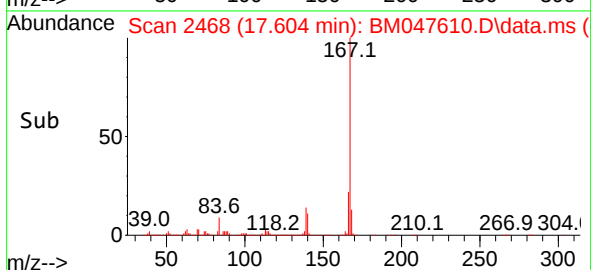
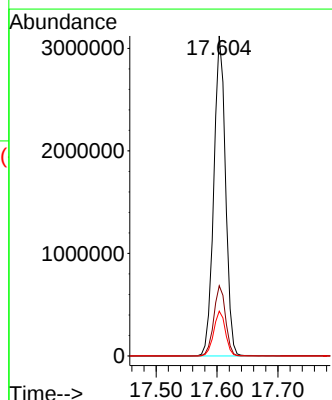
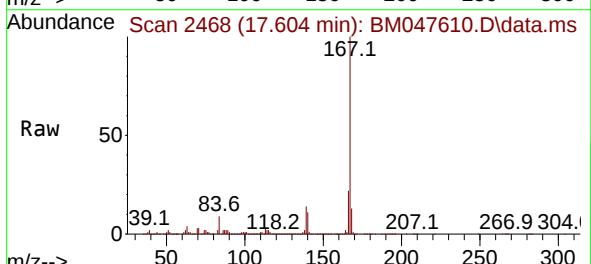
Manual Integrations
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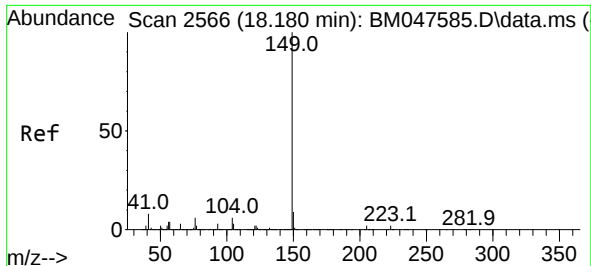
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#73
 Carbazole
 Concen: 49.926 ng
 RT: 17.604 min Scan# 2468
 Delta R.T. -0.006 min
 Lab File: BM047610.D
 Acq: 23 Sep 2024 19:05

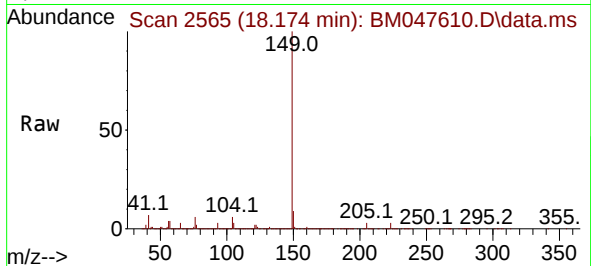
Tgt Ion:167 Resp: 4169573
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 14.0 11.3 16.9





#74
Di-n-butylphthalate
Concen: 53.082 ng
RT: 18.174 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

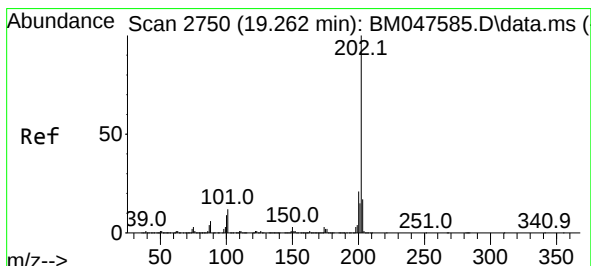
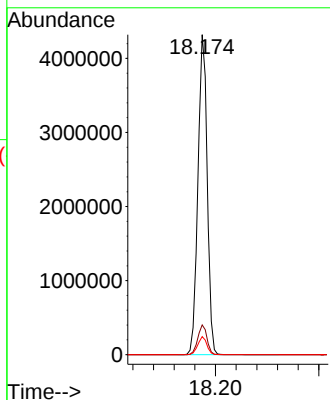
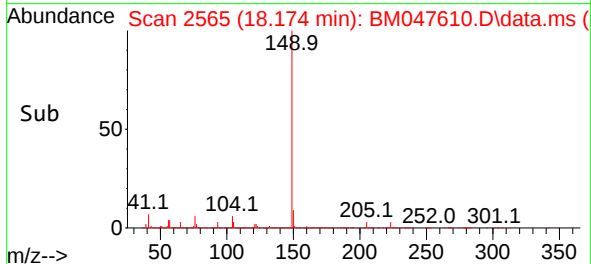
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:149 Resp: 5361979
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.7 4.7 7.1

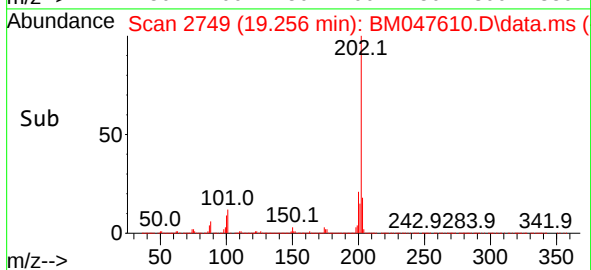
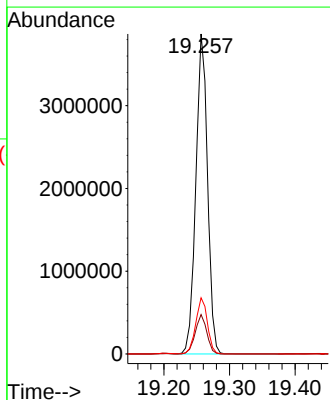
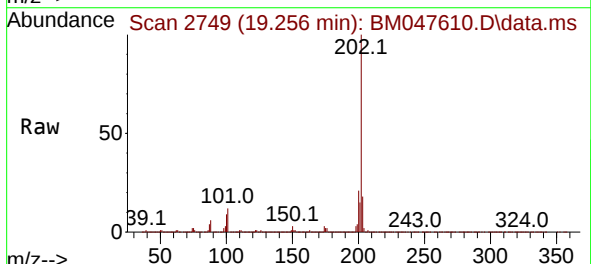
Manual Integrations
APPROVED

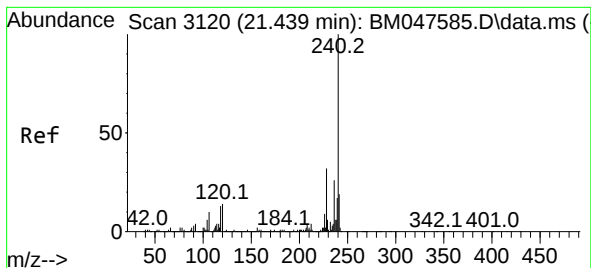
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#75
Fluoranthene
Concen: 51.509 ng
RT: 19.256 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Tgt Ion:202 Resp: 4796584
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.2
203 17.6 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

Tgt Ion:240 Resp: 137186

Ion Ratio Lower Upper

240 100

120 13.5 10.8 16.2

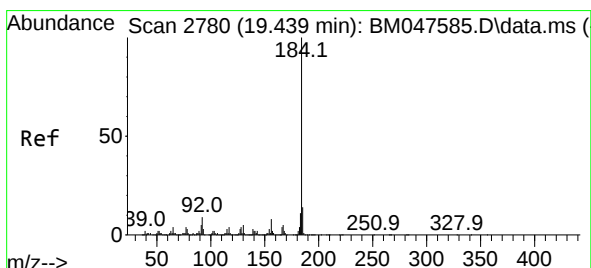
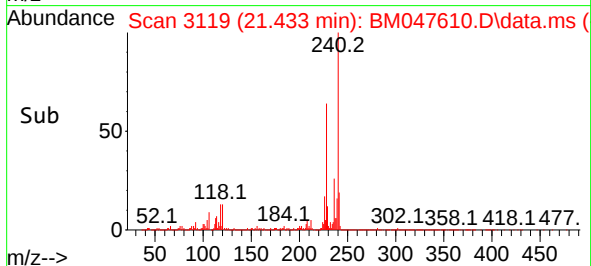
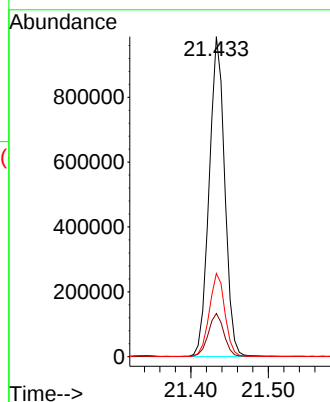
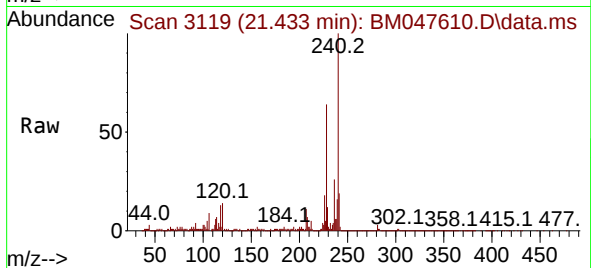
236 26.0 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#77

Benzidine

Concen: 49.375 ng

RT: 19.433 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

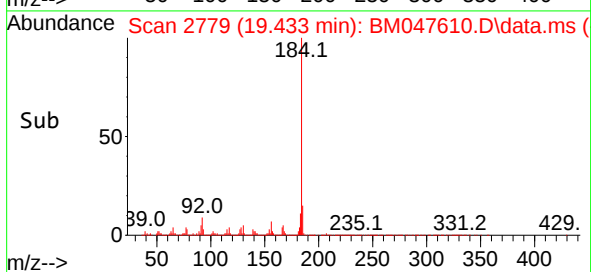
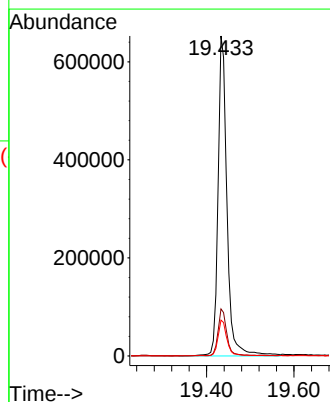
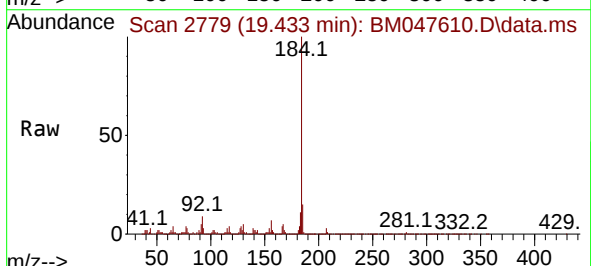
Tgt Ion:184 Resp: 922458

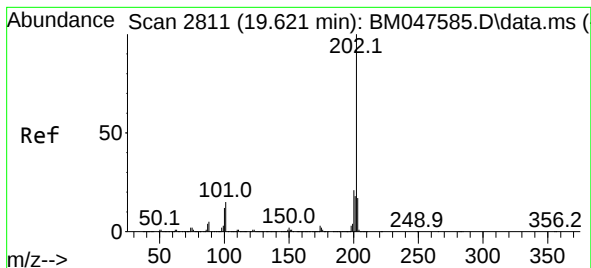
Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 11.2 8.7 13.1





#78

Pyrene

Concen: 52.464 ng

RT: 19.621 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

Tgt Ion:202 Resp: 503755

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

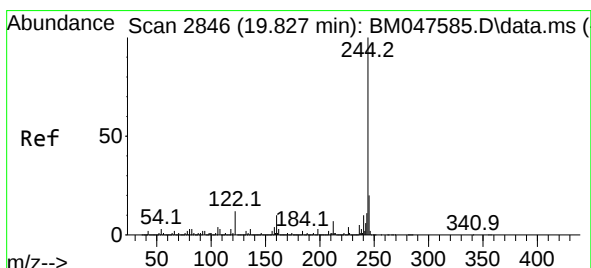
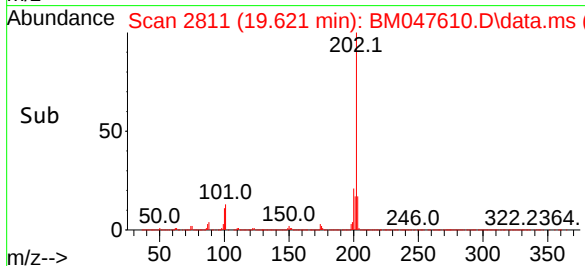
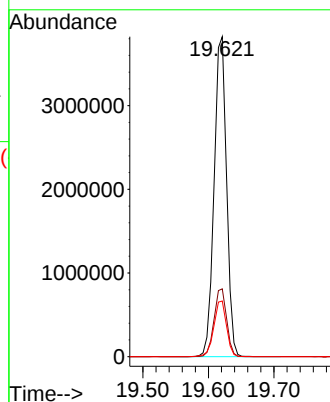
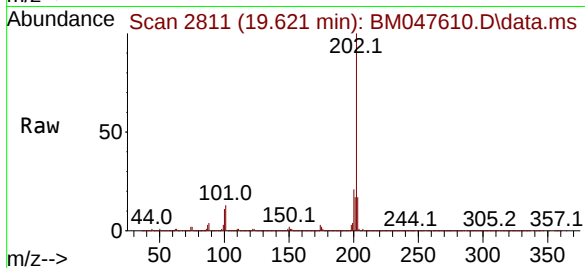
203 17.4 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#79

Terphenyl-d14

Concen: 104.967 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

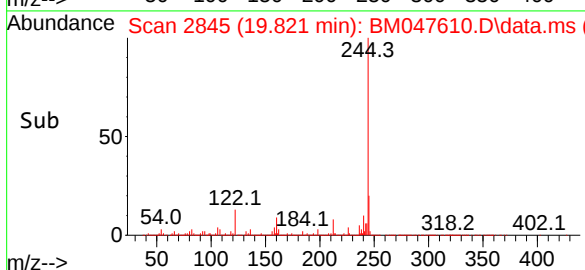
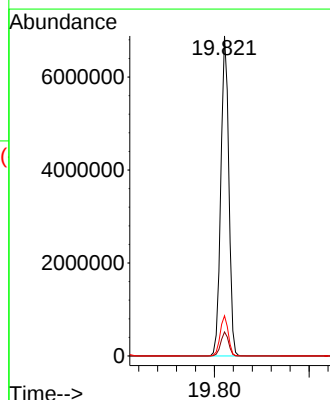
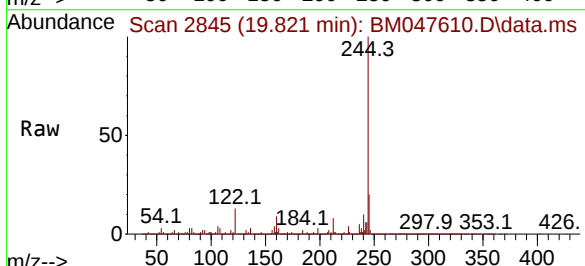
Tgt Ion:244 Resp: 8025560

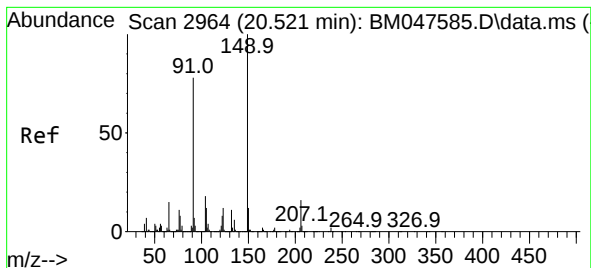
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 12.6 10.0 15.0





#80

Butylbenzylphthalate

Concen: 58.559 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

Tgt Ion:149 Resp: 2447790

Ion Ratio Lower Upper

149 100

91 75.5 62.3 93.5

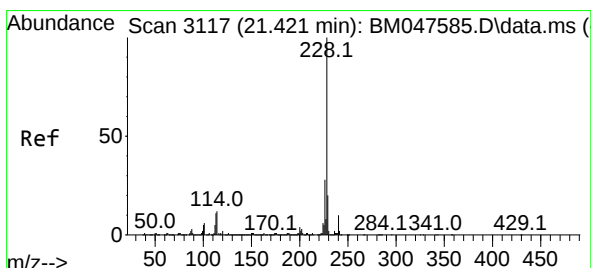
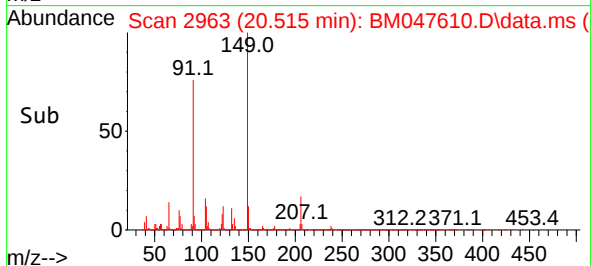
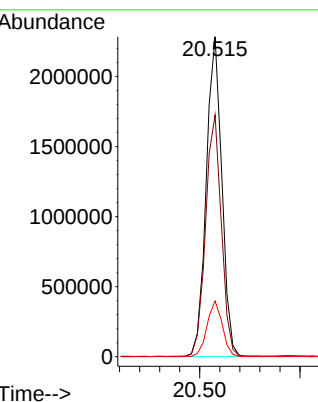
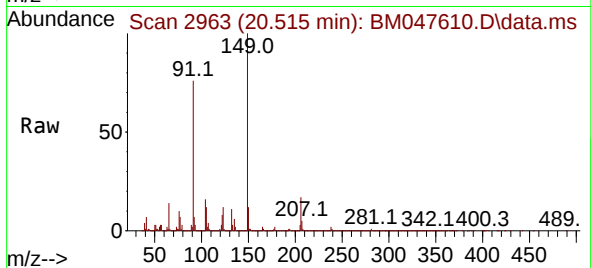
206 17.4 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#81

Benzo(a)anthracene

Concen: 52.588 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

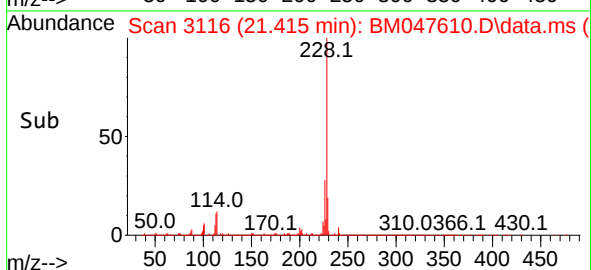
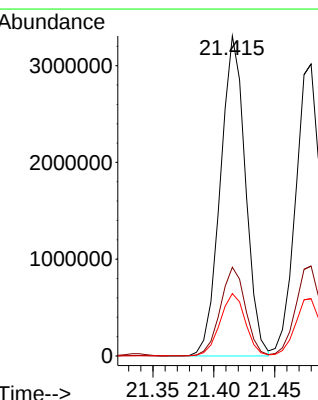
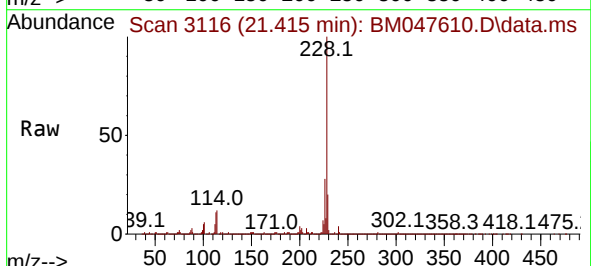
Tgt Ion:228 Resp: 4743741

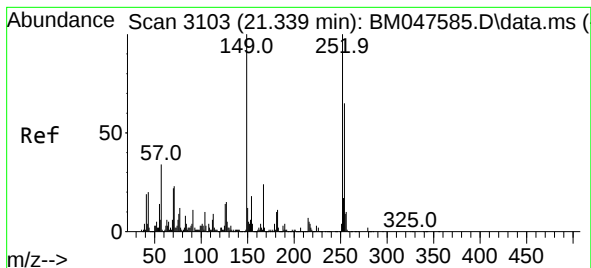
Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

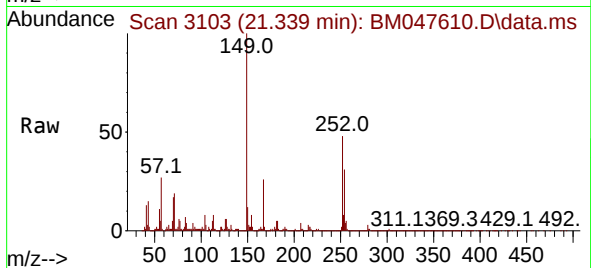
229 19.5 16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 61.978 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

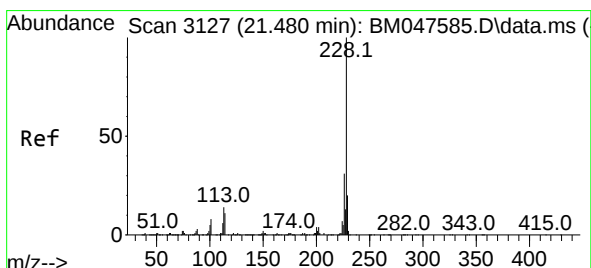
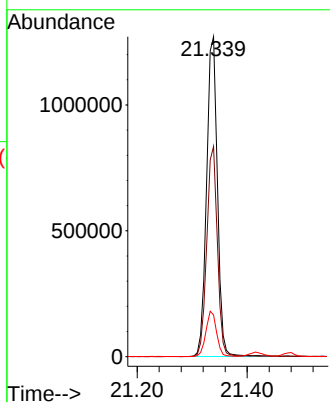
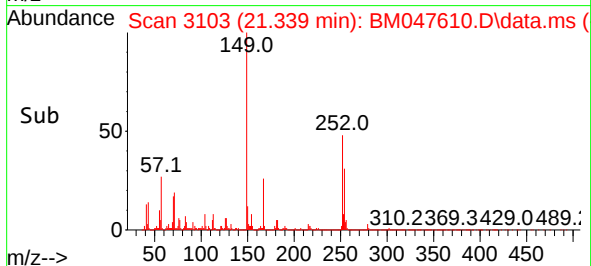
Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:252 Resp: 1736198
Ion Ratio Lower Upper
252 100
254 65.7 52.3 78.5
126 13.1 11.4 17.0

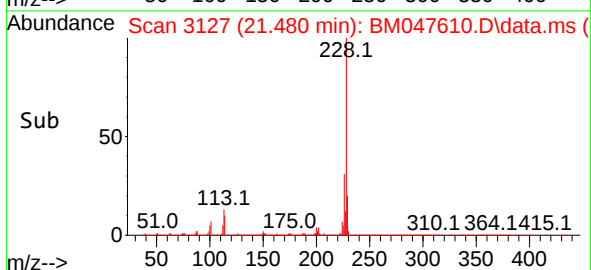
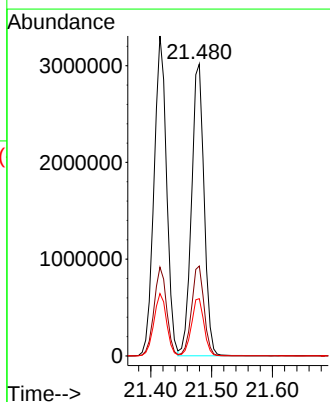
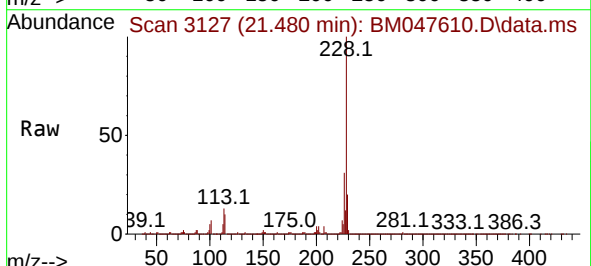
Manual Integrations
APPROVED

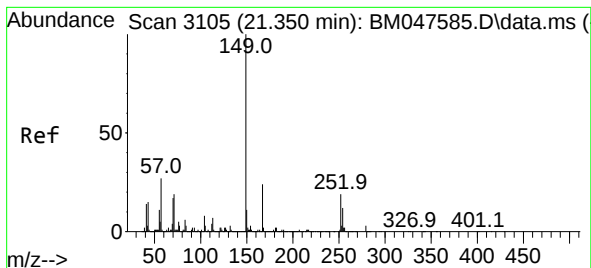
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#83
Chrysene
Concen: 50.424 ng
RT: 21.480 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

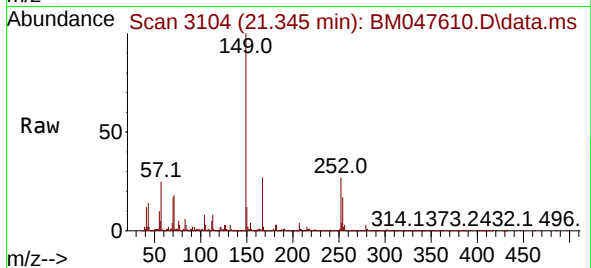
Tgt Ion:228 Resp: 4325573
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 19.6 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 57.128 ng
RT: 21.345 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

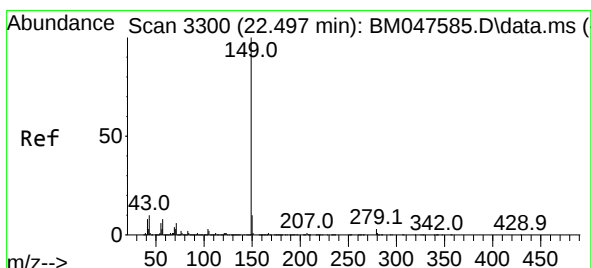
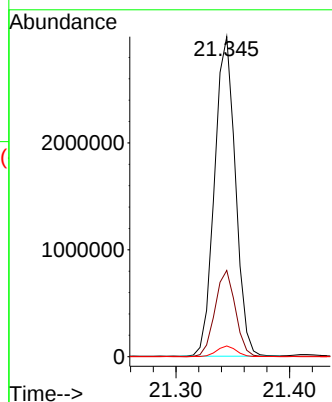
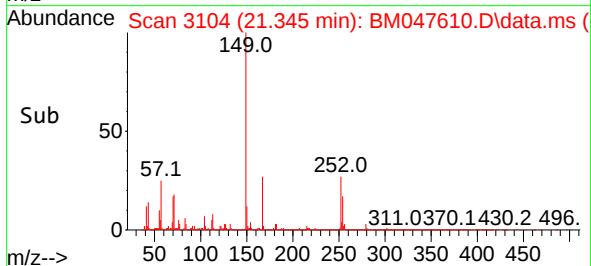
Instrument :
BNA_M
ClientSampleId :
PB163606BS



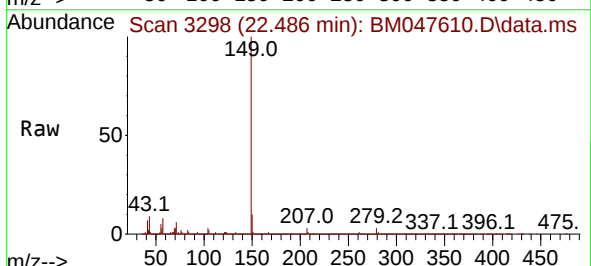
Tgt Ion:149 Resp: 3819520
Ion Ratio Lower Upper
149 100
167 26.9 19.5 29.3
279 3.3 2.3 3.5

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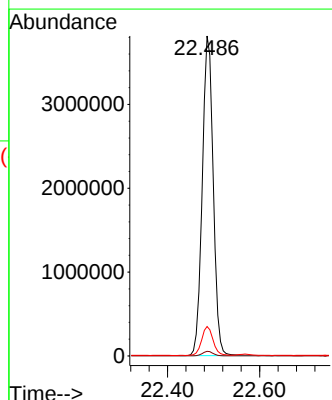
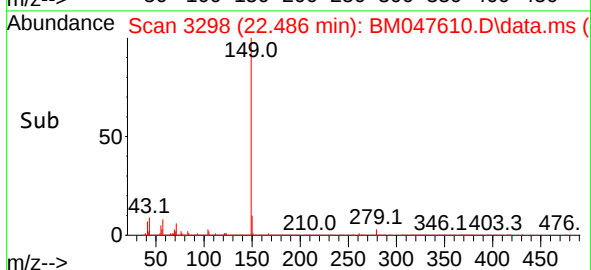
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

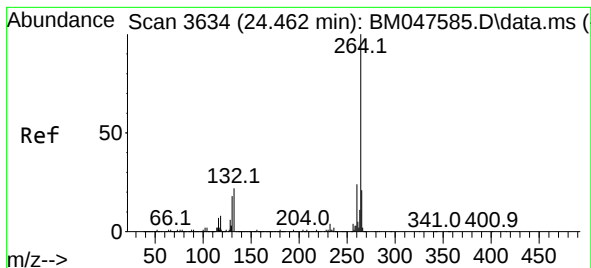


#85
Di-n-octyl phthalate
Concen: 61.253 ng
RT: 22.486 min Scan# 3298
Delta R.T. -0.012 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05



Tgt Ion:149 Resp: 6319520
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 9.4 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

Tgt Ion:264 Resp: 130879

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

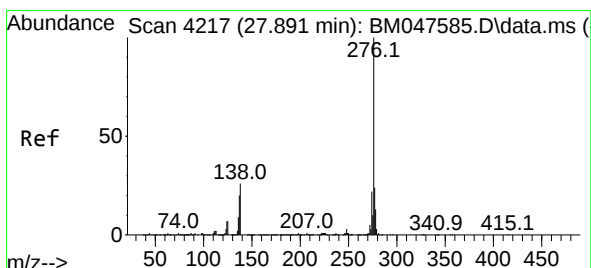
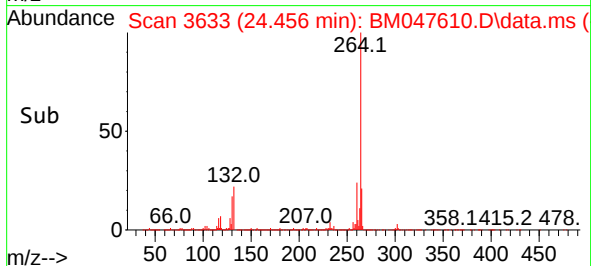
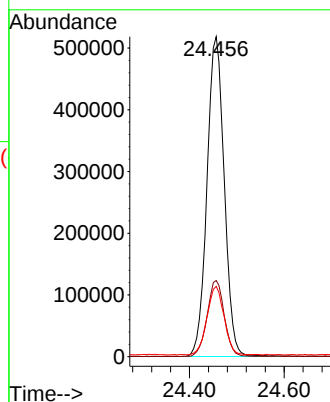
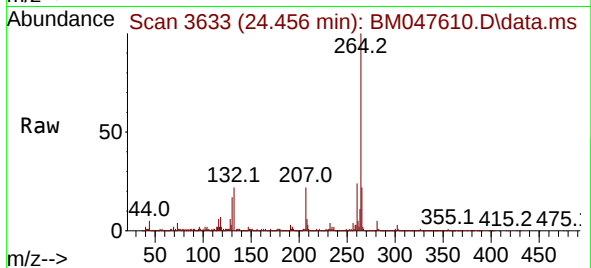
265 22.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 57.647 ng

RT: 27.879 min Scan# 4215

Delta R.T. -0.012 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

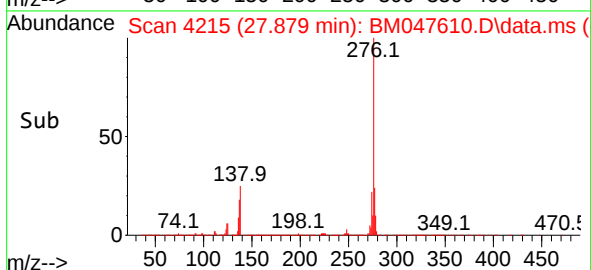
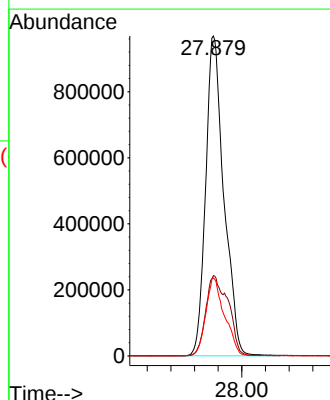
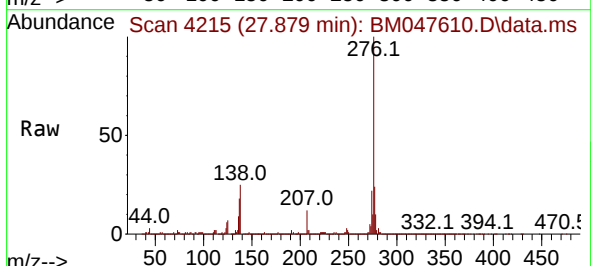
Tgt Ion:276 Resp: 5188101

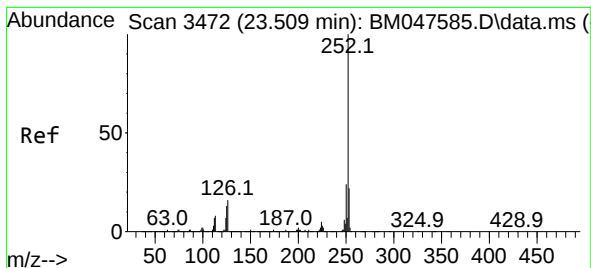
Ion Ratio Lower Upper

276 100

138 30.7 18.1 27.1#

277 25.0 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 55.190 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS

Tgt Ion:252 Resp: 453989

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

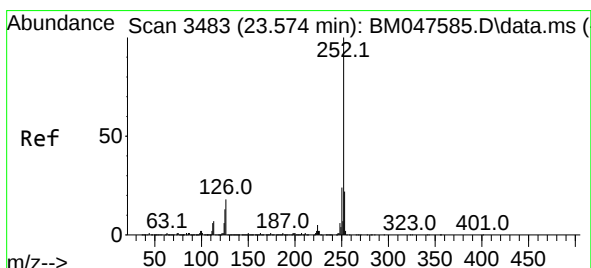
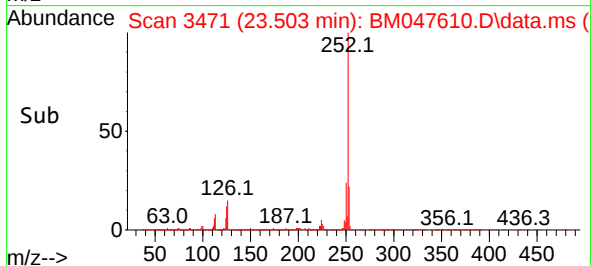
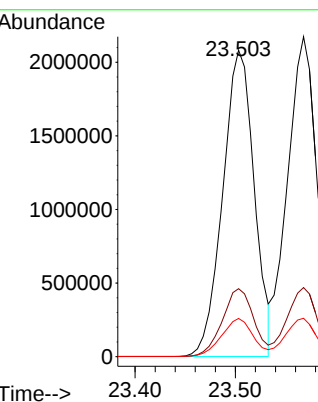
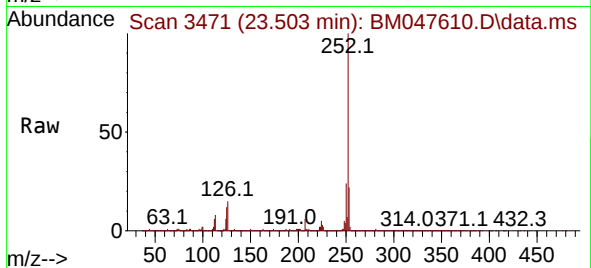
125 12.5 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#89

Benzo(k)fluoranthene

Concen: 55.014 ng

RT: 23.568 min Scan# 3482

Delta R.T. -0.006 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

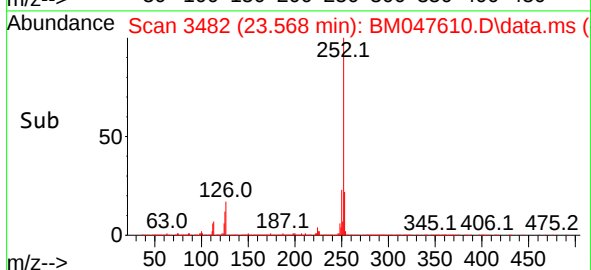
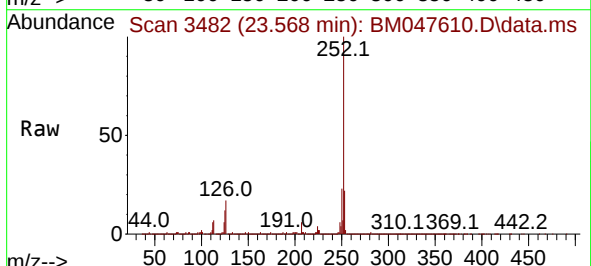
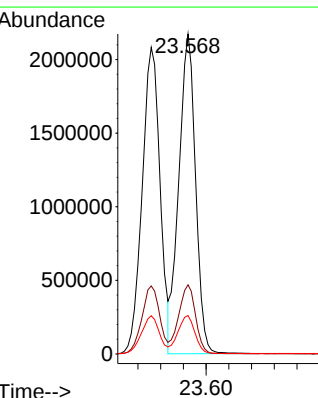
Tgt Ion:252 Resp: 4442286

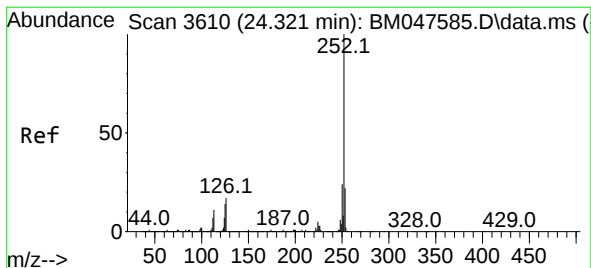
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 12.0 10.2 15.4





#90

Benzo(a)pyrene

Concen: 55.857 ng

RT: 24.315 min Scan# 3609

Delta R.T. -0.006 min

Lab File: BM047610.D

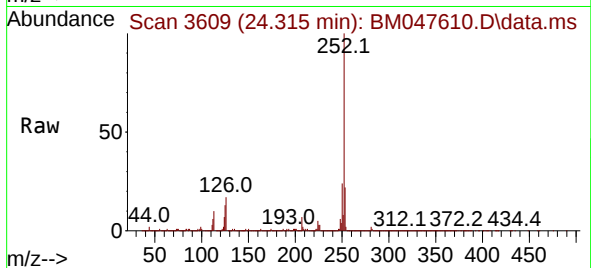
Acq: 23 Sep 2024 19:05

Instrument :

BNA_M

ClientSampleId :

PB163606BS



Tgt Ion:252 Resp: 3895584

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

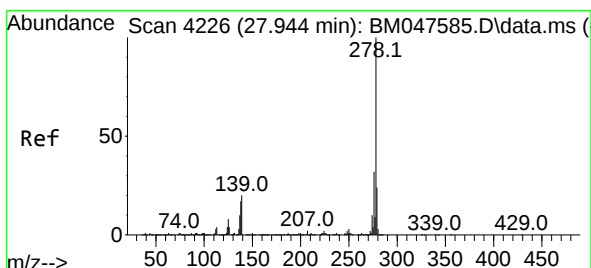
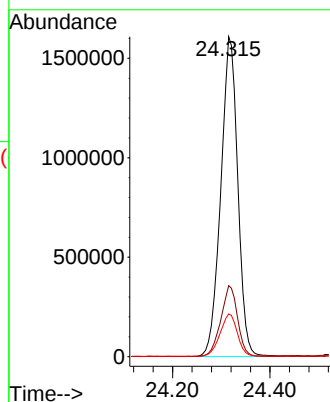
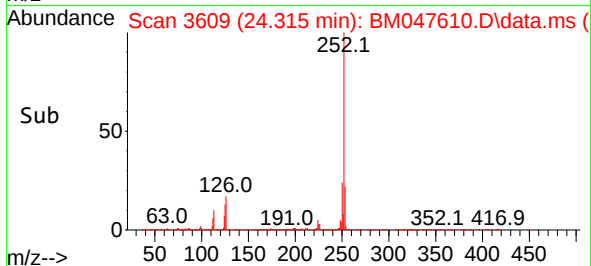
125 13.4 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#91

Dibenzo(a,h)anthracene

Concen: 58.057 ng

RT: 27.944 min Scan# 4226

Delta R.T. 0.000 min

Lab File: BM047610.D

Acq: 23 Sep 2024 19:05

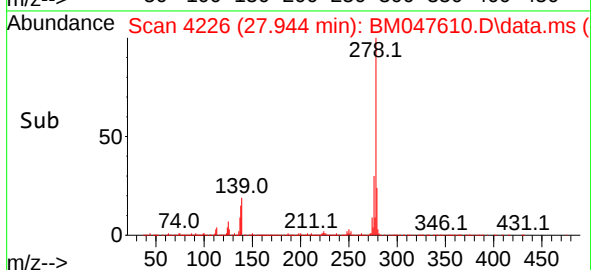
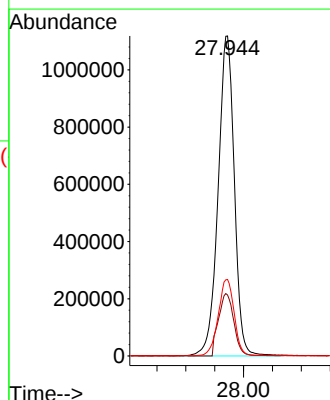
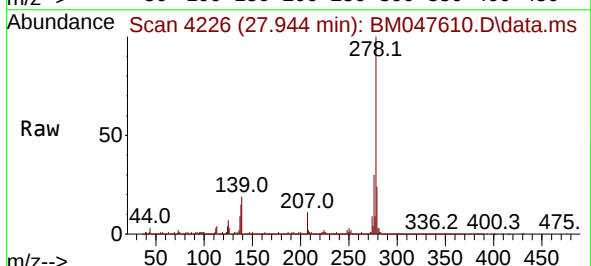
Tgt Ion:278 Resp: 4364431

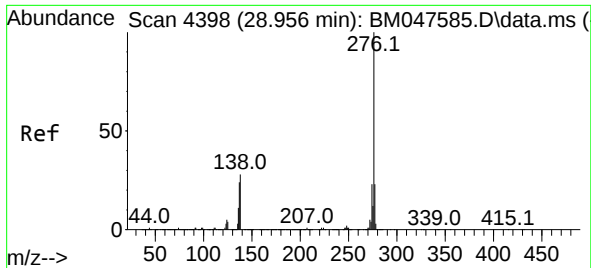
Ion Ratio Lower Upper

278 100

139 19.1 16.4 24.6

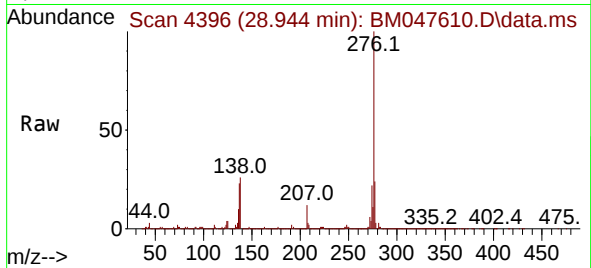
279 23.9 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 55.867 ng
RT: 28.944 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM047610.D
Acq: 23 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
PB163606BS



Tgt Ion:276 Resp: 420903
Ion Ratio Lower Upper
276 100
277 24.0 18.3 27.5
138 25.8 22.3 33.5

Manual Integrations
APPROVED

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

